

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080119\
 Data File : VX011288.D
 Acq On : 02 Aug 2019 03:07
 Operator : JC/SP
 Sample : K4118-06MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-MW127I-20190730MSD

Manual Integrations
 APPROVED

MMDadoda
 8/2/2019 9:04:53 AM

Quant Time: Aug 02 04:03:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	143696	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	214282	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	199997	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	109395	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	63631	43.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.94%	
35) Dibromofluoromethane	5.49	113	60106	42.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.92%	
50) Toluene-d8	8.71	98	224449	42.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.00%	
62) 4-Bromofluorobenzene	11.13	95	82776	43.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	52340	47.161	ug/l	98
3) Chloromethane	1.32	50	61511	49.355	ug/l	99
4) Vinyl Chloride	1.40	62	67826	49.475	ug/l	100
5) Bromomethane	1.63	94	47481	48.563	ug/l	99
6) Chloroethane	1.71	64	46038	54.478	ug/l	97
7) Trichlorofluoromethane	1.92	101	120204	49.313	ug/l	99
8) Diethyl Ether	2.18	74	42262	48.555	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	59533	45.138	ug/l	99
10) Methyl Iodide	2.50	142	87428	52.578	ug/l	100
11) Tert butyl alcohol	3.04	59	72492	251.218	ug/l	100
12) 1,1-Dichloroethene	2.37	96	63228	48.361	ug/l	93
13) Acrolein	2.29	56	42564	237.330	ug/l	100
14) Allyl chloride	2.72	41	87715	50.326	ug/l	99
15) Acrylonitrile	3.14	53	179248	260.306	ug/l	99
16) Acetone	2.43	43	149712	217.355	ug/l	99
17) Carbon Disulfide	2.56	76	155388	50.648	ug/l	100
18) Methyl Acetate	2.76	43	64968	41.274	ug/l	97
19) Methyl tert-butyl Ether	3.19	73	197964	51.381	ug/l	99
20) Methylene Chloride	2.85	84	73431	48.679	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	68078	49.225	ug/l	96
22) Diisopropyl ether	3.85	45	191962	50.112	ug/l	97
23) Vinyl Acetate	3.81	43	675033	212.461	ug/l	99
24) 1,1-Dichloroethane	3.69	63	113428	50.216	ug/l	99
25) 2-Butanone	4.67	43	242382	247.378	ug/l	99
26) 2,2-Dichloropropane	4.57	77	59816	34.066	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	79513	49.915	ug/l	94
28) Bromochloromethane	5.01	49	52172	50.664	ug/l	99
29) Tetrahydrofuran	5.12	42	157090	261.483	ug/l	99
30) Chloroform	5.20	83	123248	50.203	ug/l	99
31) Cyclohexane	5.57	56	90046	48.319	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	106555	50.666	ug/l	100
36) 1,1-Dichloropropene	5.79	75	86610	46.294	ug/l	99
37) Ethyl Acetate	4.82	43	75278	40.113	ug/l	99
38) Carbon Tetrachloride	5.78	117	92995	49.407	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	95218	42.937	ug/l	98
40) Benzene	6.13	78	274123	49.101	ug/l	98
41) Methacrylonitrile	5.04	41	49081	47.889	ug/l	97
42) 1,2-Dichloroethane	6.19	62	92347	48.917	ug/l	100
43) Isopropyl Acetate	6.44	43	129672	43.220	ug/l	99
44) Trichloroethene	7.21	130	79625	47.119	ug/l	100
45) 1,2-Dichloropropane	7.51	63	69387	47.990	ug/l	100
46) Dibromomethane	7.66	93	50128	47.492	ug/l	99
47) Bromodichloromethane	7.90	83	89025	49.817	ug/l	98
48) Methyl methacrylate	7.77	41	70058	49.617	ug/l	98
49) 1,4-Dioxane	7.74	88	38504	940.621	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	497478	256.924	ug/l	100
52) Toluene	8.78	92	178593	48.383	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	90743	43.965	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	98966	47.409	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	76065	50.120	ug/l	97
56) Ethyl methacrylate	9.18	69	110704	51.186	ug/l	99
57) 1,3-Dichloropropane	9.37	76	117799	49.079	ug/l	98
59) 2-Hexanone	9.49	43	393050	262.073	ug/l	99
60) Dibromochloromethane	9.58	129	80663	51.913	ug/l	97
61) 1,2-Dibromoethane	9.67	107	80806	49.281	ug/l	99
64) Tetrachloroethene	9.34	164	76994	45.332	ug/l	97
65) Chlorobenzene	10.13	112	203900	47.549	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	74165	50.518	ug/l	99
67) Ethyl Benzene	10.25	91	347173	48.342	ug/l	99
68) m/p-Xylenes	10.36	106	273314	98.390	ug/l	99
69) o-Xylene	10.69	106	133430	48.887	ug/l	98
70) Stvrene	10.71	104	227957	50.477	ug/l	99
71) Bromoform	10.85	173	60646	46.416	ug/l #	99
73) Isopropylbenzene	11.02	105	355758	47.550	ug/l	100
74) N-amyl acetate	10.90	43	111751	41.337	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	123029	49.343	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	98900m	49.643	ug/l	
77) Bromobenzene	11.26	156	99121	47.777	ug/l	99
78) n-propylbenzene	11.36	91	395976	47.592	ug/l	99
79) 2-Chlorotoluene	11.42	91	236694	47.729	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	300670	48.007	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	29957	41.045	ug/l	99
82) 4-Chlorotoluene	11.51	91	272741	47.191	ug/l	98
83) tert-Butylbenzene	11.77	119	296380	48.249	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	301435	48.340	ug/l	99
85) sec-Butylbenzene	11.94	105	344447	46.672	ug/l	100
86) p-Isopropyltoluene	12.06	119	321130	47.298	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	172613	47.088	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	173848	45.992	ug/l	98
89) n-Butylbenzene	12.38	91	269100	46.005	ug/l	99
90) Hexachloroethane	12.60	117	49549	49.362	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	174828	47.466	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	24573	50.869	ug/l	98
93) 1,2,4-Trichlorobenzene	13.65	180	111148	45.503	ug/l	98

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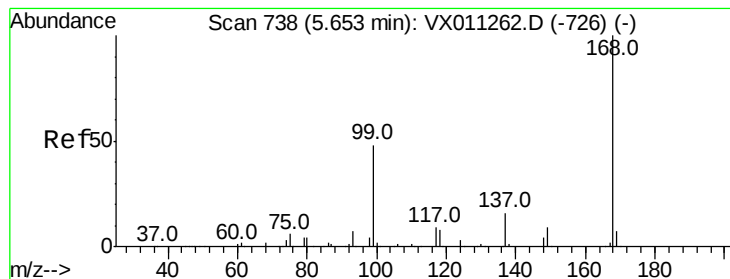
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	54029	43.596	ug/l	97
95) Naphthalene	13.83	128	356632	49.925	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	115844	46.649	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



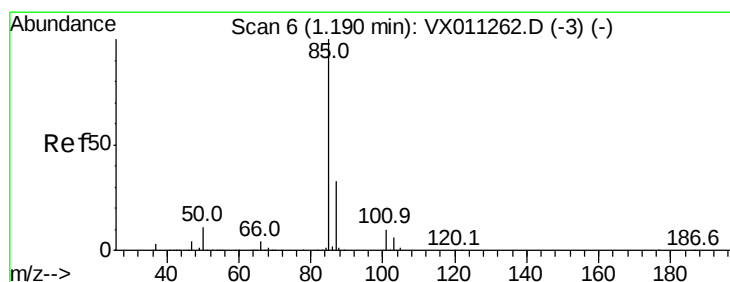
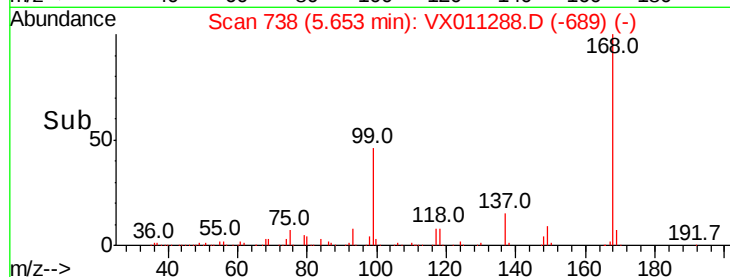
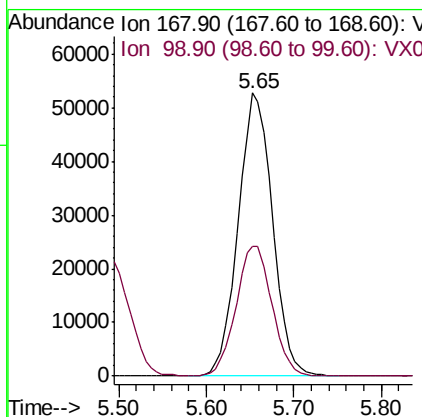
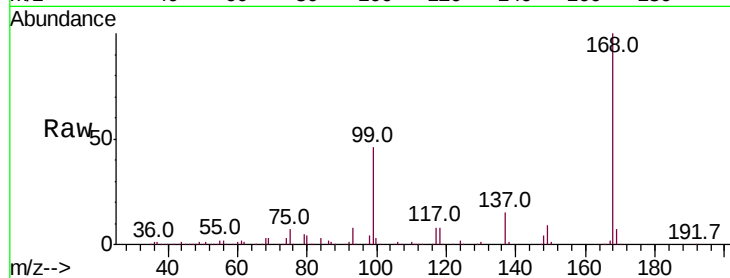
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 738
Delta R.T. 0.00 min
Lab File: VX011288.D
Acq: 02 Aug 2019 03:07

Instrument :
MSVOA_X
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
168	100		
99	45.9	38.5	57.7

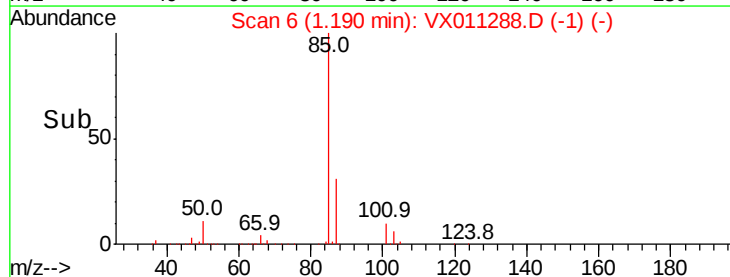
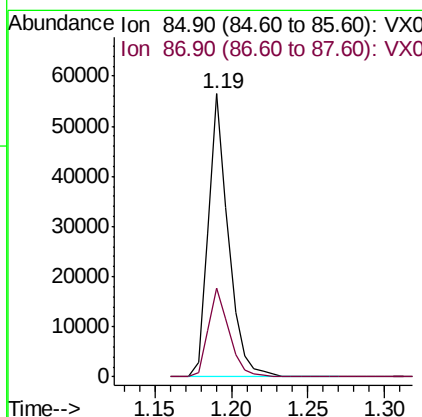
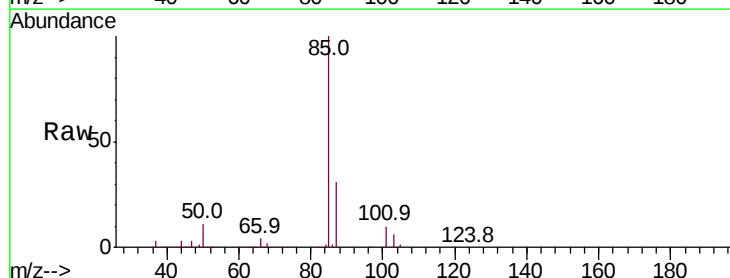
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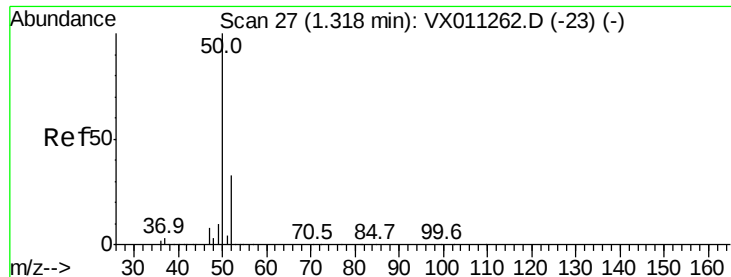
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#2
Dichlorodifluoromethane
Concen: 47.161 ug/l
RT: 1.19 min Scan# 6
Delta R.T. 0.00 min
Lab File: VX011288.D
Acq: 02 Aug 2019 03:07

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.4	16.4	49.1





#3

Chloromethane

Concen: 49.355 ug/l

RT: 1.32 min Scan# 27

Delta R.T. 0.00 min

Lab File: VX011288.D

Acq: 02 Aug 2019 03:07

Instrument :

MSVOA_X

ClientSampleId :

SA-MW127I-20190730MSD

Tot Ion: 50 Resp: 61511

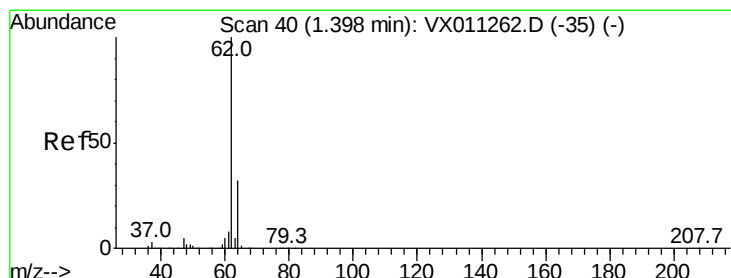
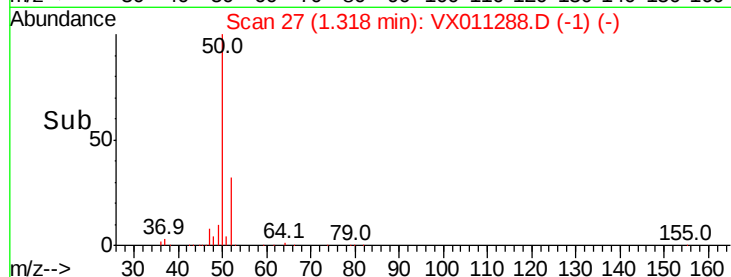
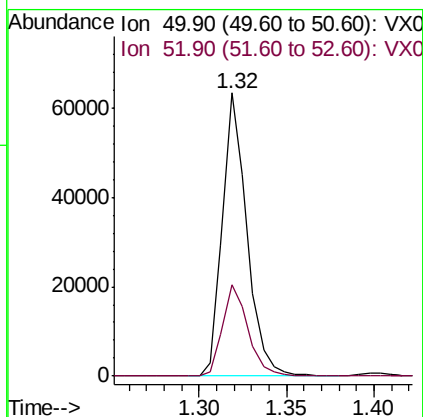
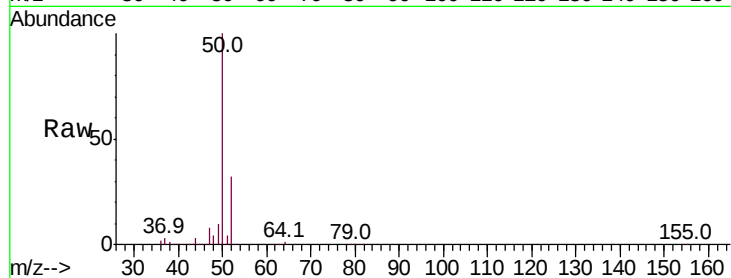
Ion Ratio Lower Upper

50 100

52 32.5 26.4 39.6

Manual Integrations
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#4

Vinyl Chloride

Concen: 49.475 ug/l

RT: 1.40 min Scan# 40

Delta R.T. 0.00 min

Lab File: VX011288.D

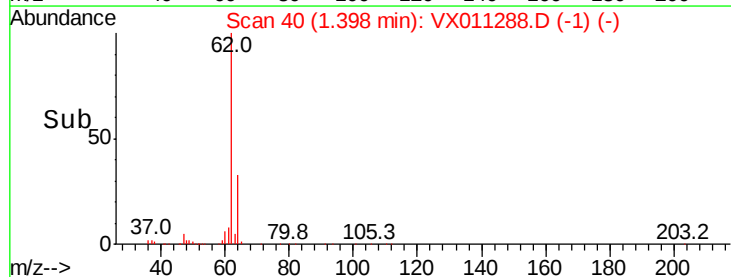
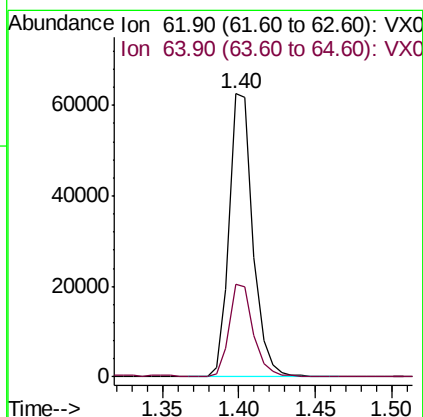
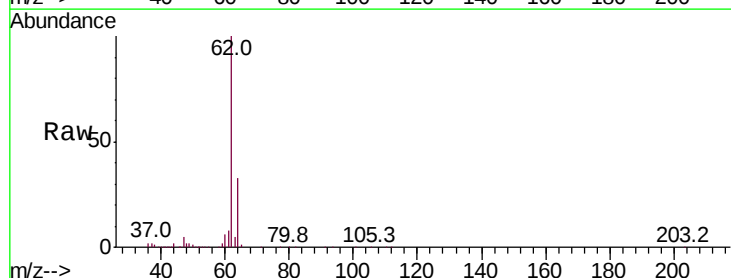
Acq: 02 Aug 2019 03:07

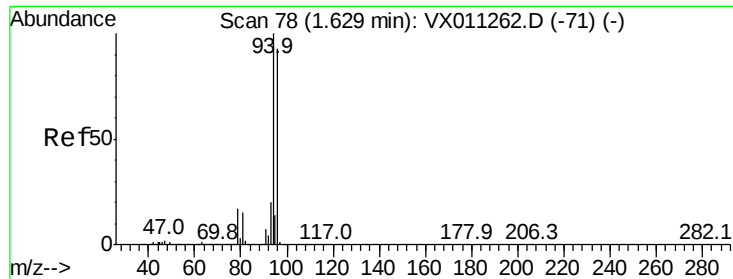
Tgt Ion: 62 Resp: 67826

Ion Ratio Lower Upper

62 100

64 32.5 26.0 39.0





#5

Bromomethane

Concen: 48.563 ug/l

RT: 1.63 min Scan# 78

Delta R.T. 0.00 min

Lab File: VX011288.D

Acq: 02 Aug 2019 03:07

Tot Ion: 94 Resp: 47481

Ion Ratio Lower Upper

94 100

96 92.7 74.6 112.0

Instrument :

MSVOA_X

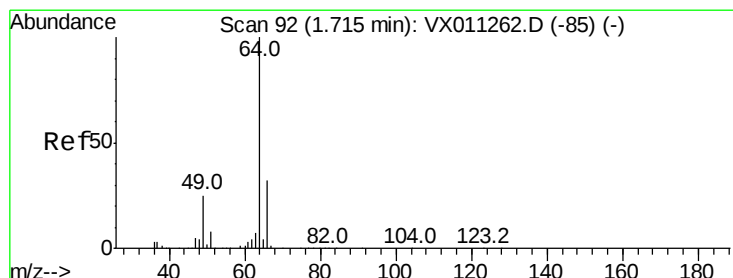
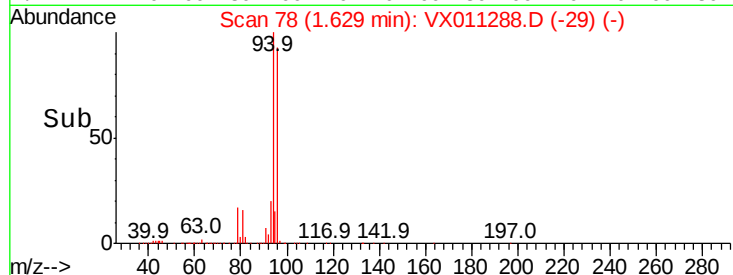
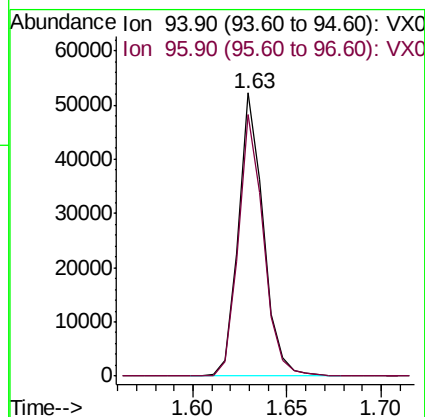
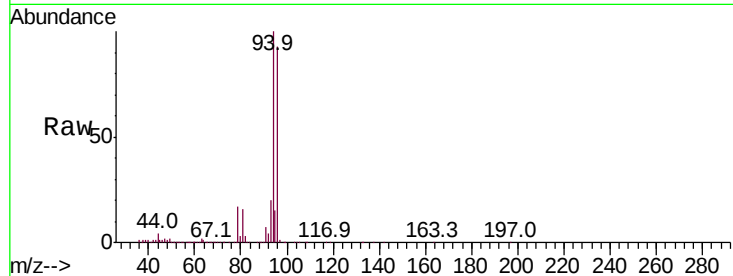
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#6

Chloroethane

Concen: 54.478 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX011288.D

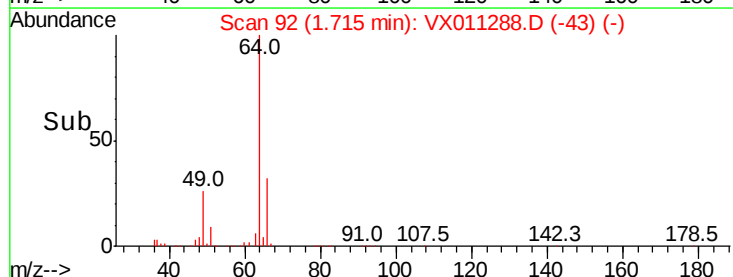
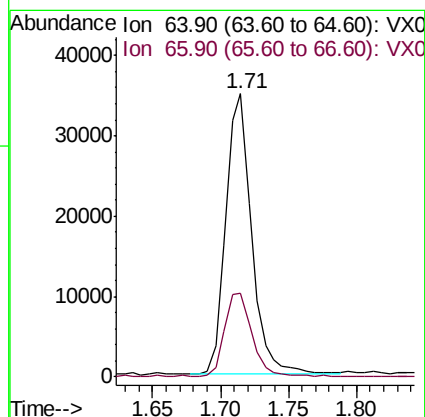
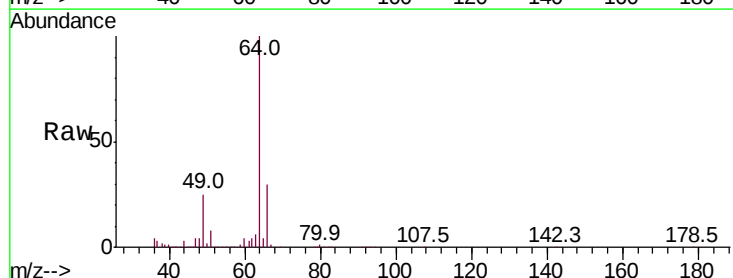
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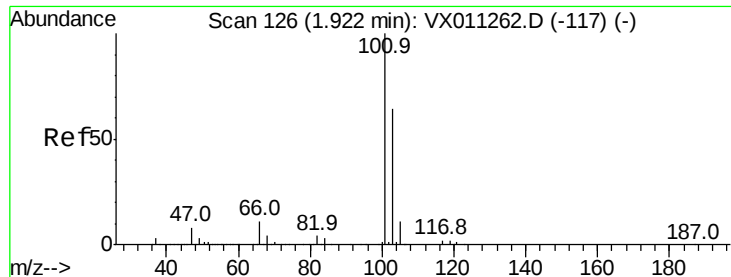
Tgt Ion: 64 Resp: 46038

Ion Ratio Lower Upper

64 100

66 29.8 25.1 37.7





#7

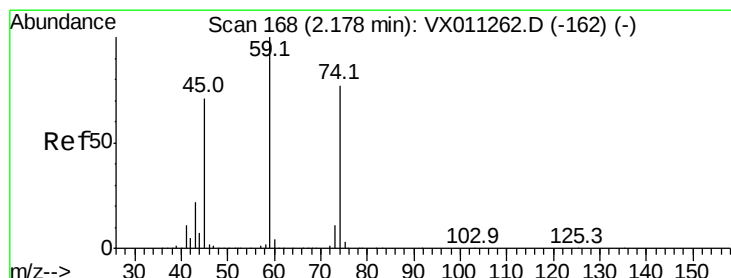
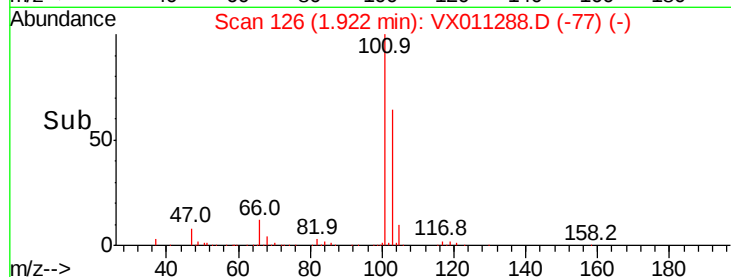
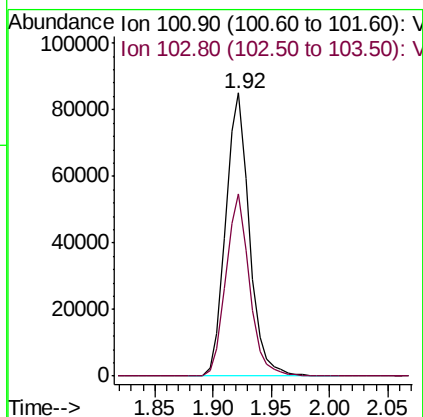
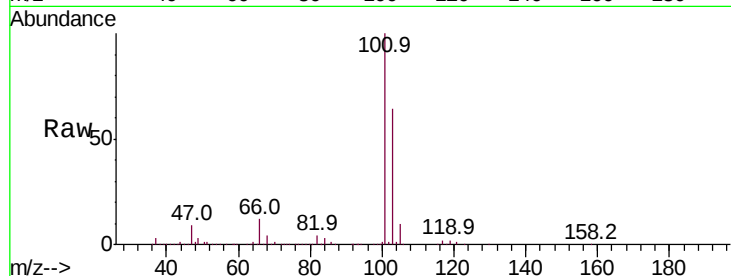
Trichlorofluoromethane
Concen: 49.313 ug/l
RT: 1.92 min Scan# 126
Delta R.T. 0.00 min
Lab File: VX011288.D
Acq: 02 Aug 2019 03:07

Instrument :
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	120204		
103	64.2	50.9	76.3	

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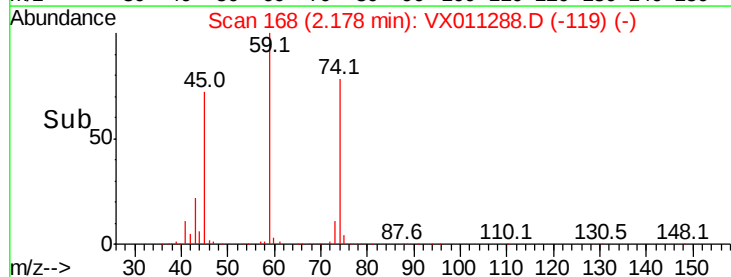
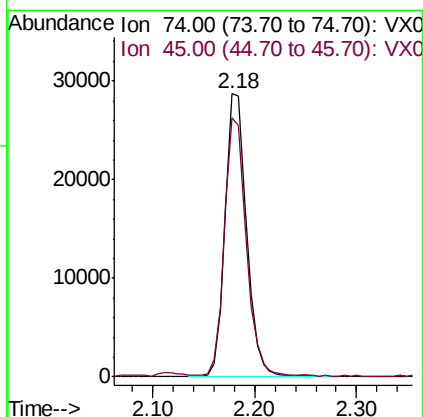
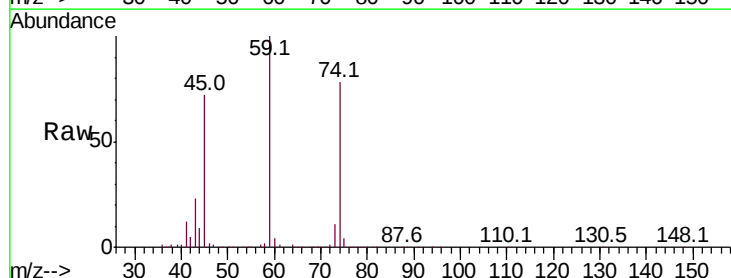
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8/2/2019 9:04:53 AM

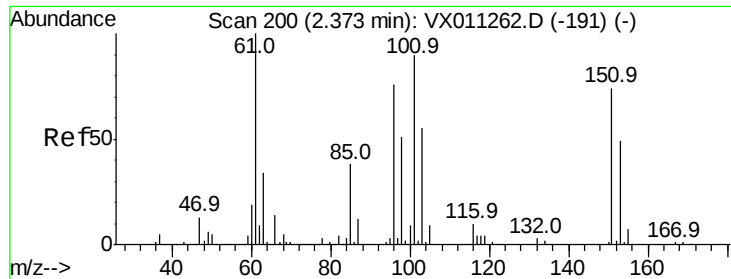


#8

Diethyl Ether
Concen: 48.555 ug/l
RT: 2.18 min Scan# 168
Delta R.T. 0.00 min
Lab File: VX011288.D
Acq: 02 Aug 2019 03:07

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	42262		
45	91.8	46.1	138.3	





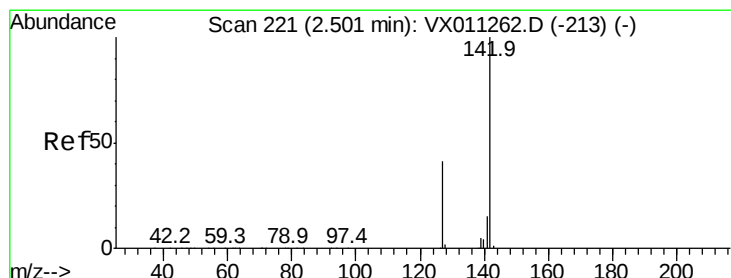
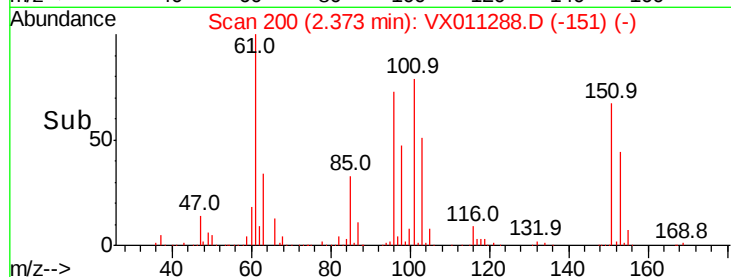
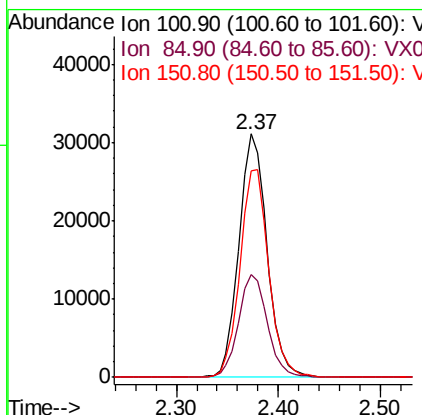
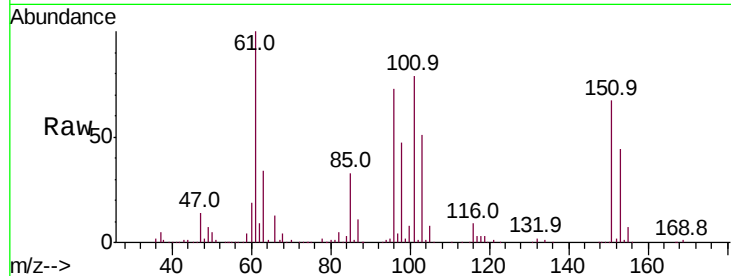
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 1,1,2-Trichlorotrifluoroethane
 Concen: 45.138 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.00 min
 Lab File: VX011288.D
 Acq: 02 Aug 2019 03:07

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	59533		
85	43.2	33.8	50.6	
151	86.9	69.5	104.3	

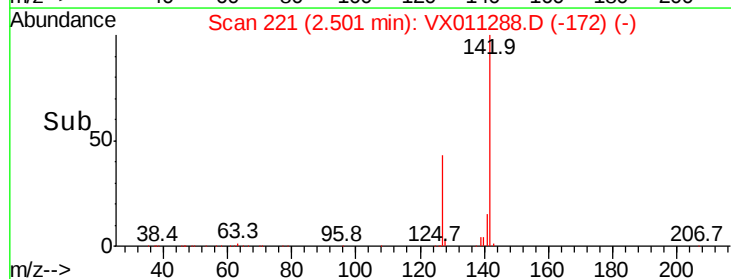
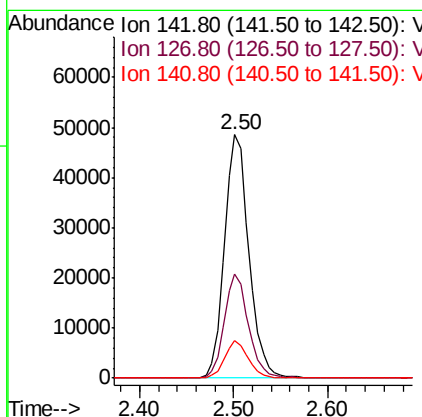
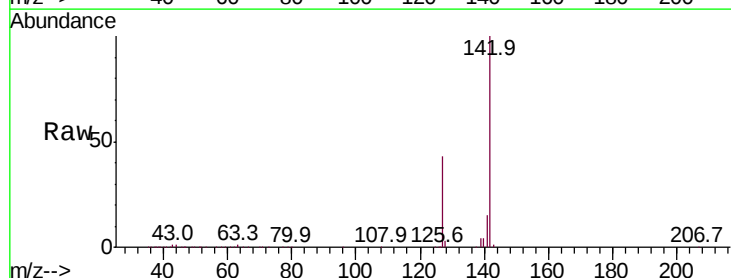
Manual Integrations
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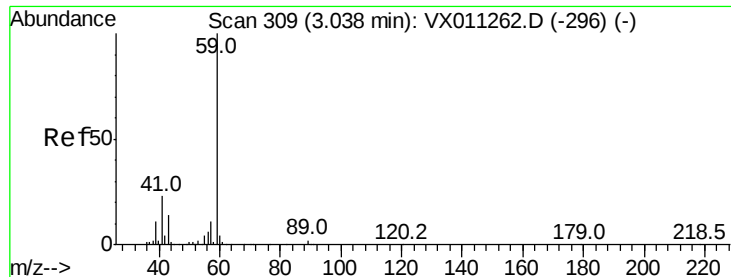
MMDadoda
 8/2/2019 9:04:53 AM



#10
 Methyl Iodide
 Concen: 52.578 ug/l
 RT: 2.50 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: VX011288.D
 Acq: 02 Aug 2019 03:07

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	87428		
127	42.3	33.8	50.8	
141	14.7	11.4	17.2	





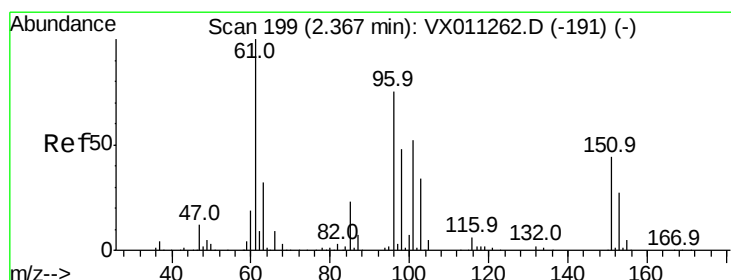
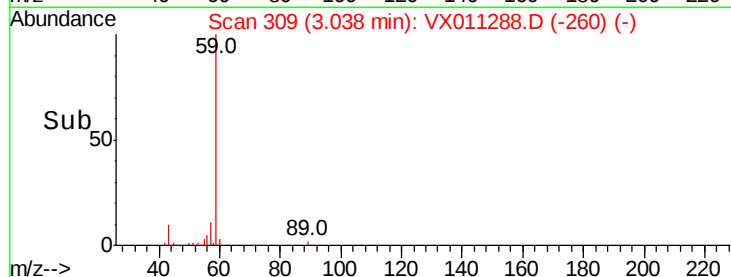
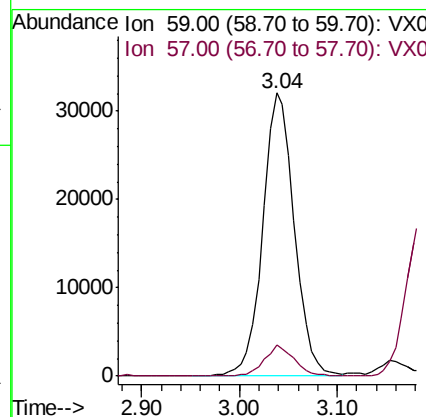
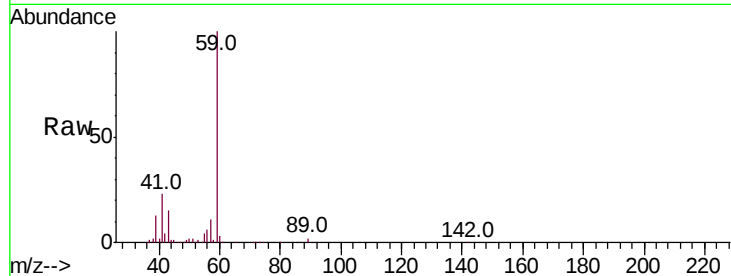
#11
Tert butyl alcohol
Concen: 251.218 ug/l
RT: 3.04 min Scan# 309
Delta R.T. 0.00 min
Lab File: VX011288.D
Acq: 02 Aug 2019 03:07

Instrument :
MSVOA_X
ClientSampleId :
SA-MW127I-20190730MSD

Tot Ion: 59 Resp: 72492
Ion Ratio Lower Upper
59 100
57 10.6 8.3 12.5

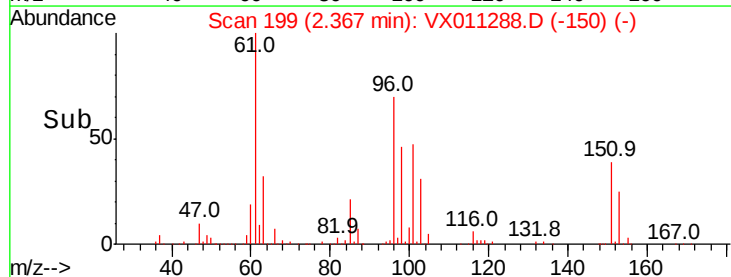
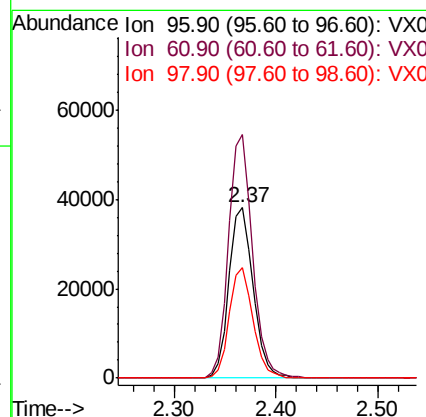
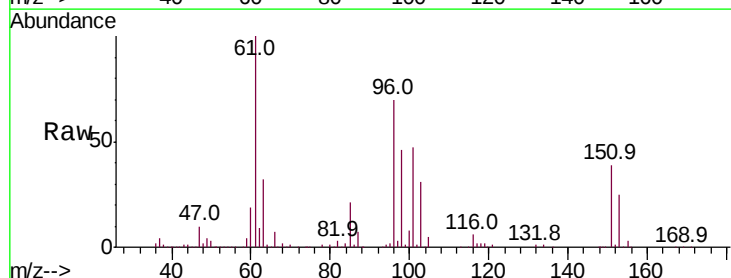
Manual Integrations
APPROVED

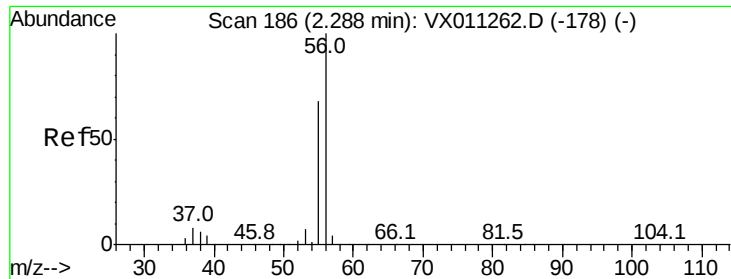
MMDadoda
8/2/2019 9:04:53 AM



#12
1,1-Dichloroethene
Concen: 48.361 ug/l
RT: 2.37 min Scan# 199
Delta R.T. 0.00 min
Lab File: VX011288.D
Acq: 02 Aug 2019 03:07

Tgt Ion: 96 Resp: 63228
Ion Ratio Lower Upper
96 100
61 142.6 106.2 159.2
98 65.1 50.6 75.8





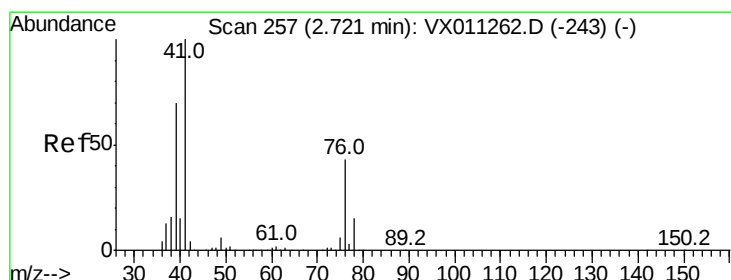
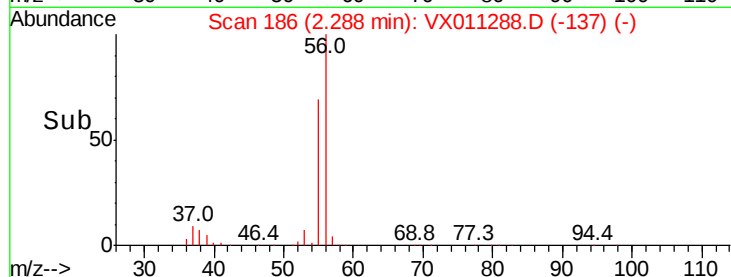
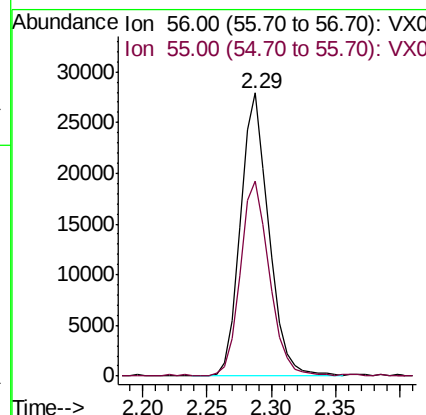
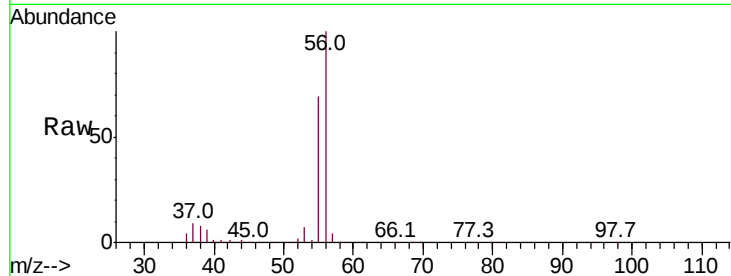
#13
Acrolein
Concen: 237.330 ug/l
RT: 2.29 min Scan# 186
Delta R.T. 0.00 min
Lab File: VX011288.D
Acq: 02 Aug 2019 03:07

Instrument :
MSVOA_X
ClientSampleId :
SA-MW127I-20190730MSD

Tot Ion	Ratio	Lower	Upper
56	100		
55	69.7	56.0	84.0

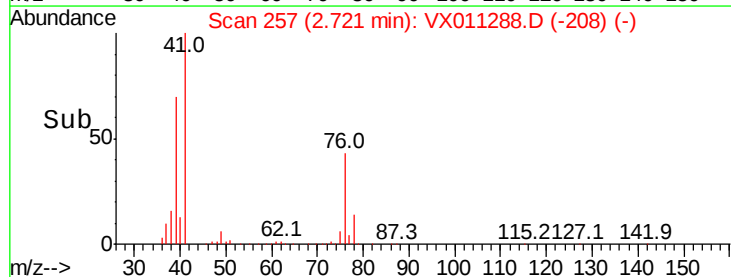
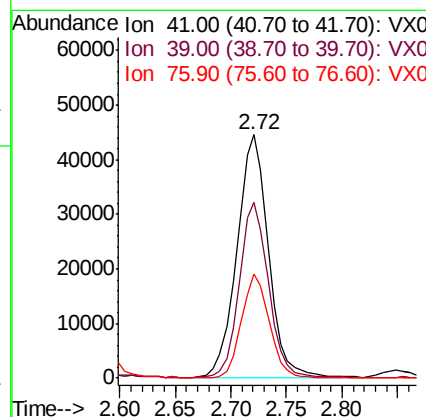
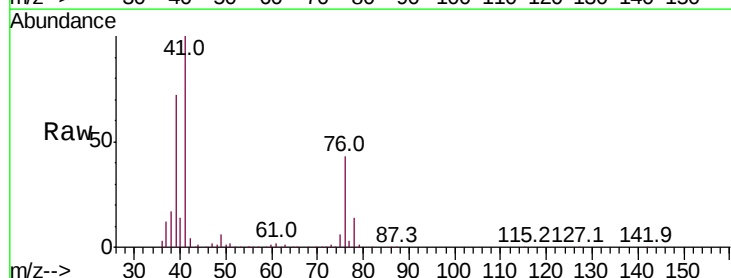
Manual Integrations
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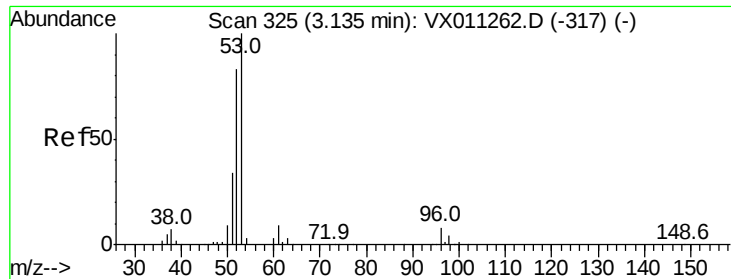
MMDadoda
8/2/2019 9:04:53 AM



#14
Allyl chloride
Concen: 50.326 ug/l
RT: 2.72 min Scan# 257
Delta R.T. 0.00 min
Lab File: VX011288.D
Acq: 02 Aug 2019 03:07

Tgt Ion	Ratio	Lower	Upper
41	100		
39	65.8	52.8	79.2
76	37.8	31.1	46.7





#15

Acrylonitrile

Concen: 260.306 ug/l

RT: 3.14 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX011288.D

Acq: 02 Aug 2019 03:07

Instrument :

MSVOA_X

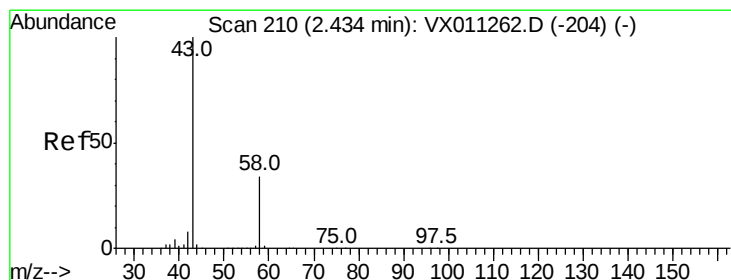
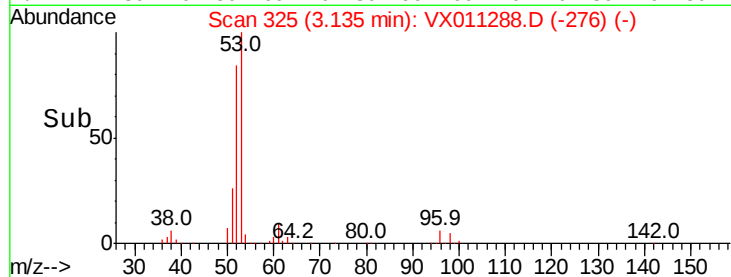
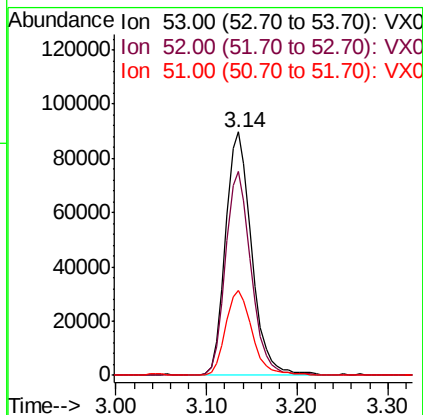
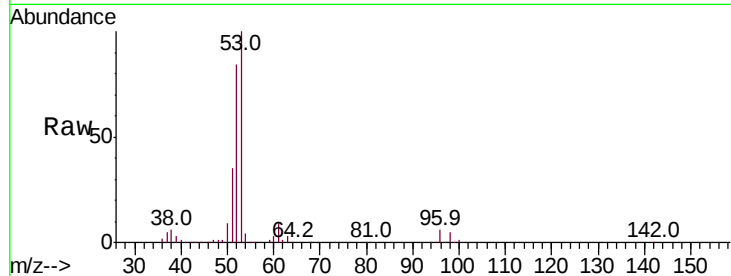
ClientSampleId :

SA-MW127I-20190730MSD

Tot Ion:	53	Resp:	179248
Ion Ratio	Lower	Upper	
53	100		
52	82.3	65.5	98.3
51	35.6	27.9	41.9

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#16

Acetone

Concen: 217.355 ug/l

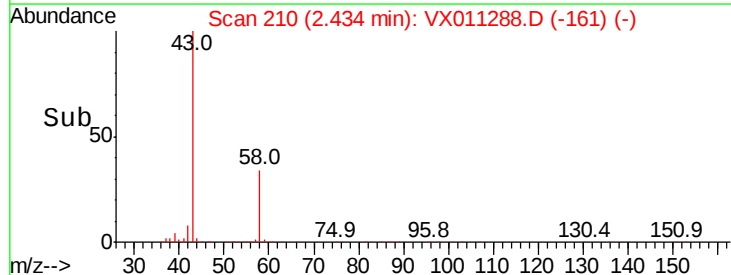
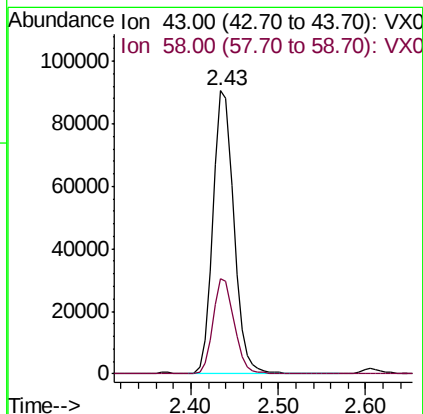
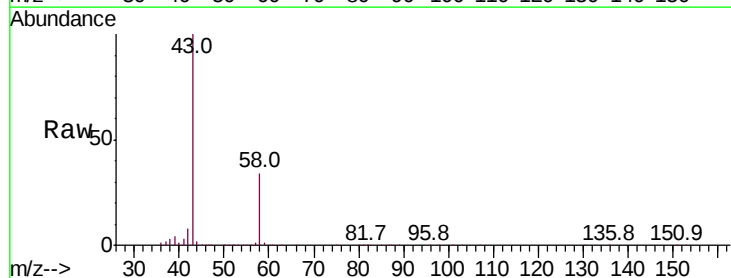
RT: 2.43 min Scan# 210

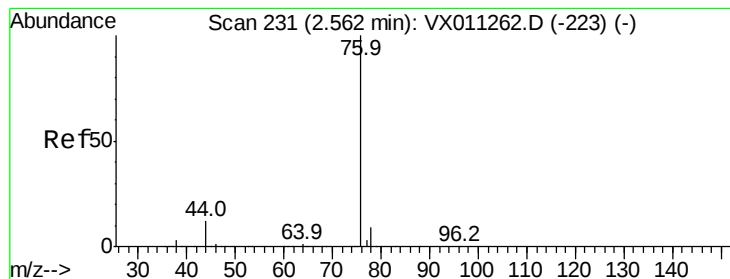
Delta R.T. 0.00 min

Lab File: VX011288.D

Acq: 02 Aug 2019 03:07

Tgt Ion:	43	Resp:	149712
Ion Ratio	Lower	Upper	
43	100		
58	33.6	27.4	41.0





#17

Carbon Disulfide

Concen: 50.648 ug/l

RT: 2.56 min Scan# 231

Delta R.T. 0.00 min

Lab File: VX011288.D

Acq: 02 Aug 2019 03:07

Instrument :

MSVOA_X

ClientSampleId :

SA-MW127I-20190730MSD

Tot Ion: 76 Resp: 155388

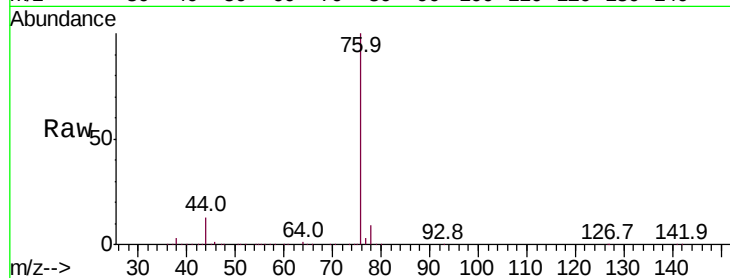
Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

100000

80000

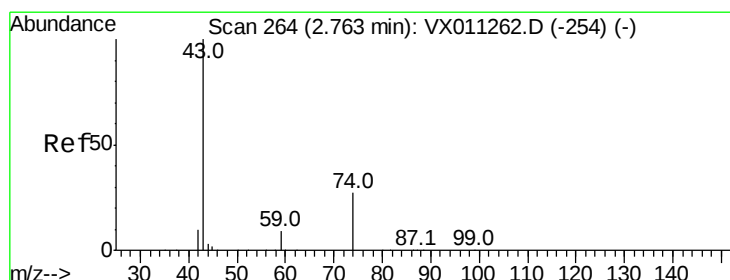
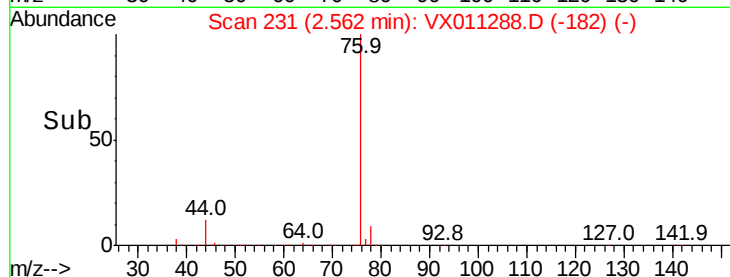
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 41.274 ug/l

RT: 2.76 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX011288.D

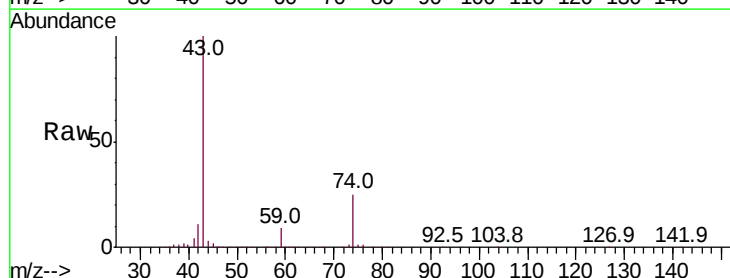
Acq: 02 Aug 2019 03:07

Tgt Ion: 43 Resp: 64968

Ion Ratio Lower Upper

43 100

74 24.9 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

40000

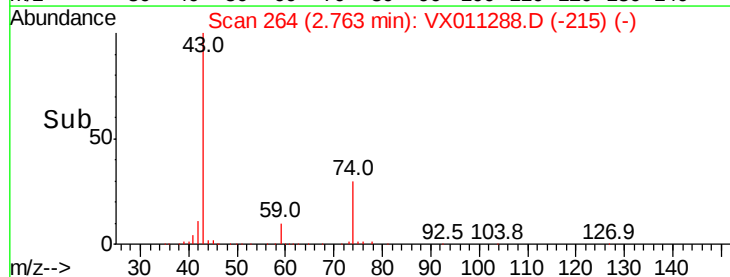
30000

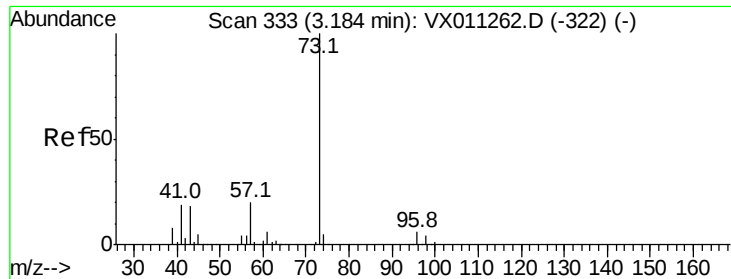
20000

10000

0

Time-->





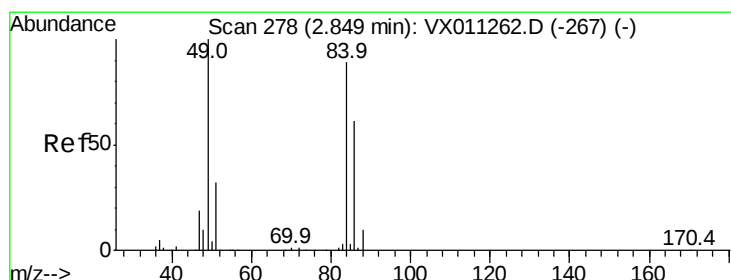
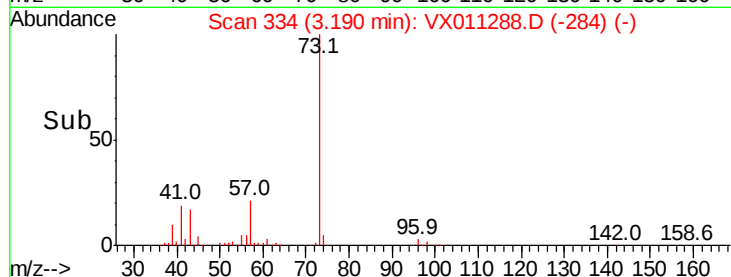
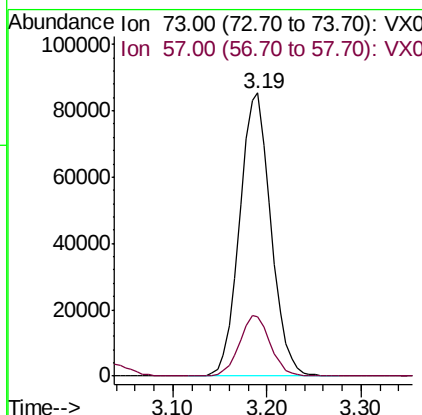
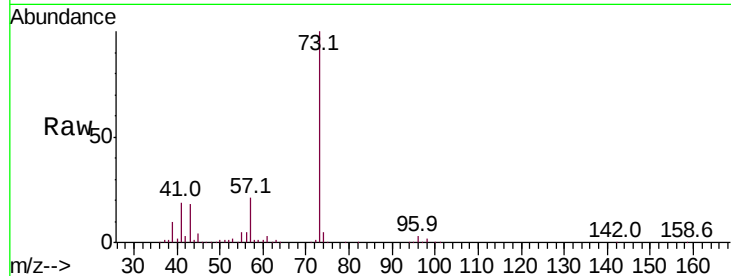
#19
Methyl tert-butyl Ether
Concen: 51.381 ug/l
RT: 3.19 min Scan# 334
Delta R.T. 0.01 min
Lab File: VX011288.D
Acq: 02 Aug 2019 03:07

Instrument :
MSVOA_X
ClientSampleId :
SA-MW127I-20190730MSD

Tot Ion: 73 Resp: 197964
Ion Ratio Lower Upper
73 100
57 20.7 16.2 24.2

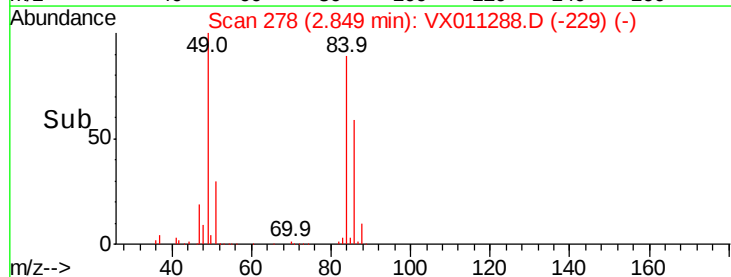
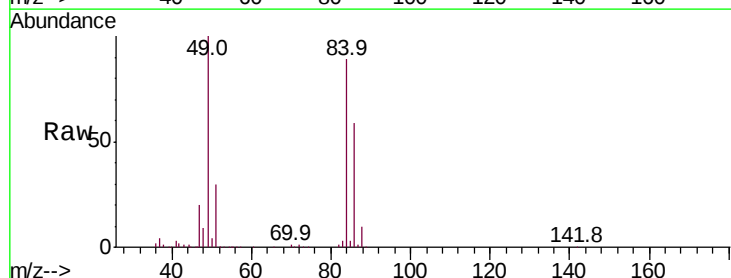
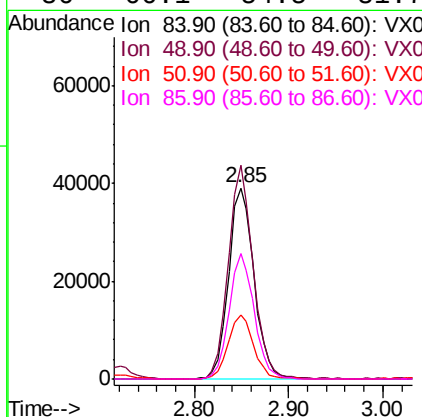
Manual Integrations
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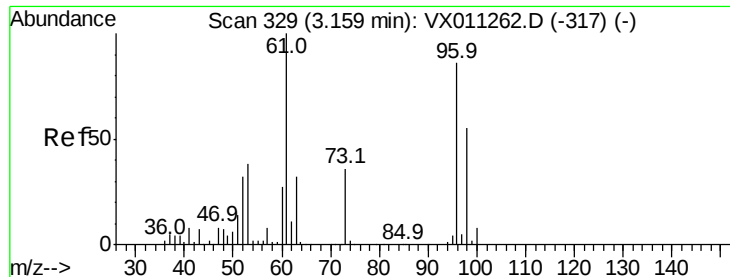
MMDadoda
8/2/2019 9:04:53 AM



#20
Methylene Chloride
Concen: 48.679 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.00 min
Lab File: VX011288.D
Acq: 02 Aug 2019 03:07

Tgt Ion: 84 Resp: 73431
Ion Ratio Lower Upper
84 100
49 111.8 89.3 133.9
51 33.5 28.3 42.5
86 66.1 54.5 81.7





#21

trans-1,2-Dichloroethene

Concen: 49.225 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX011288.D

Acq: 02 Aug 2019 03:07

Instrument :

MSVOA_X

ClientSampleId :

SA-MW127I-20190730MSD

Tot Ion: 96 Resp: 68078

Ion Ratio Lower Upper

96 100

61 121.5 92.8 139.2

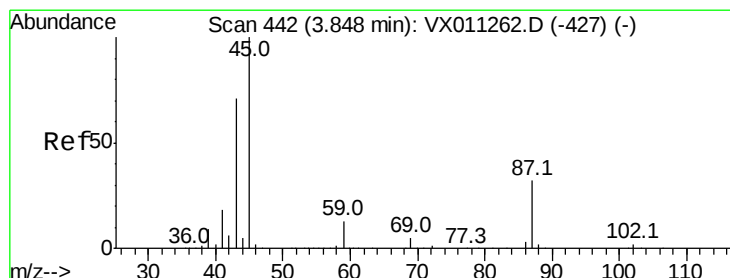
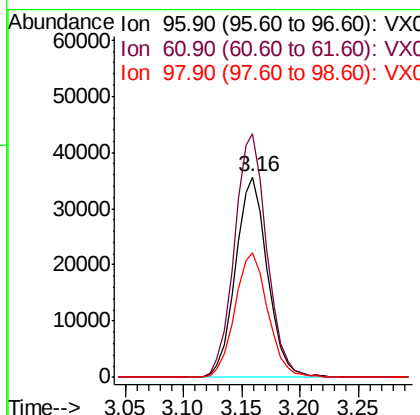
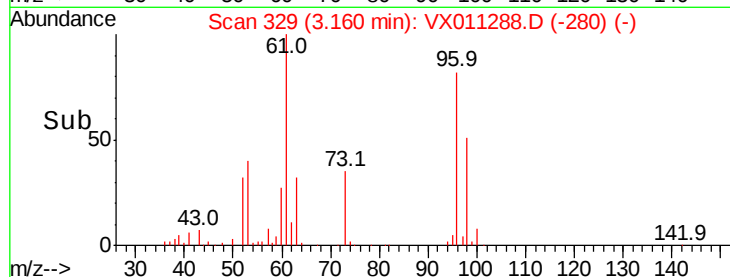
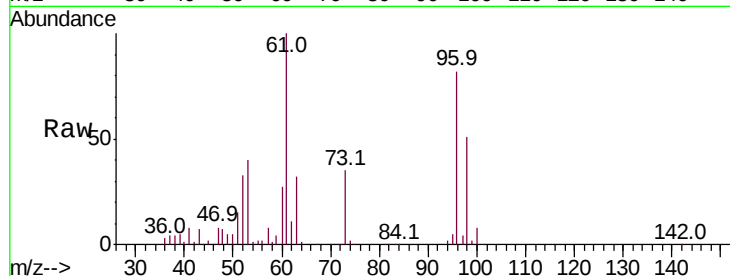
98 62.0 51.2 76.8

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#22

Diisopropyl ether

Concen: 50.112 ug/l

RT: 3.85 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX011288.D

Acq: 02 Aug 2019 03:07

Tgt Ion: 45 Resp: 191962

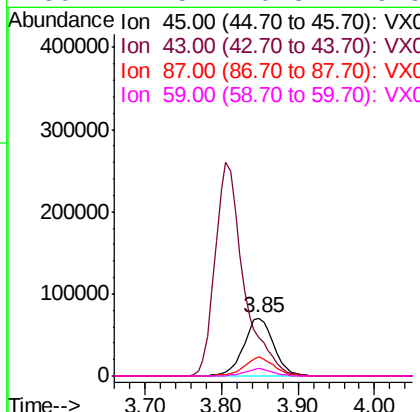
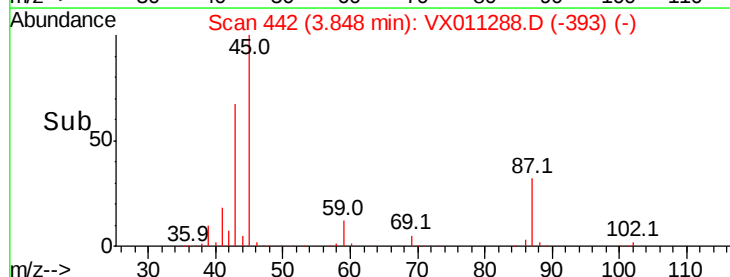
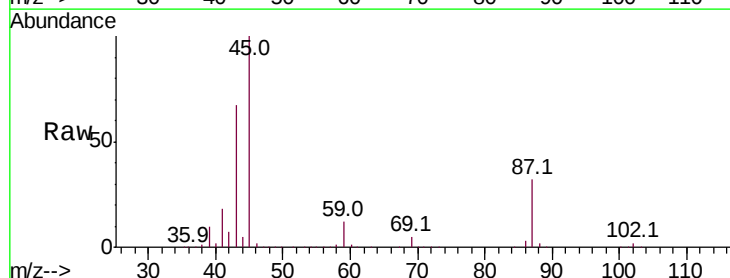
Ion Ratio Lower Upper

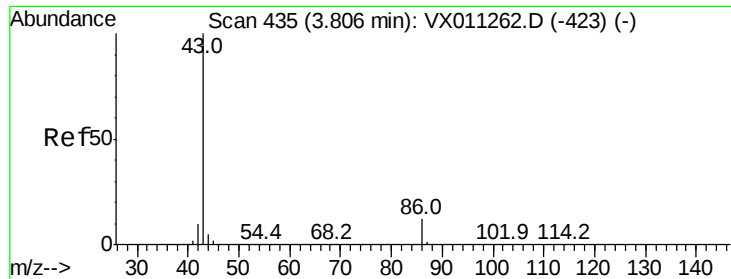
45 100

43 67.1 56.8 85.2

87 32.2 25.8 38.6

59 12.5 10.3 15.5





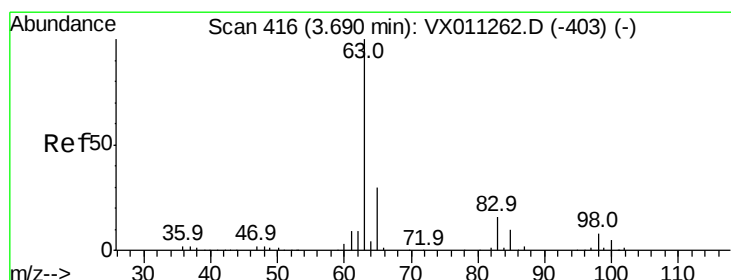
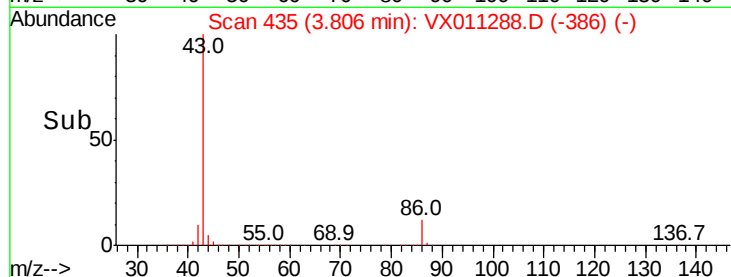
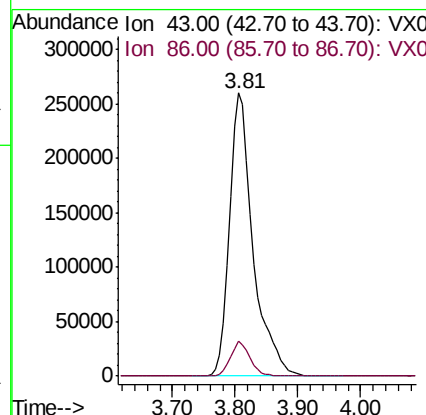
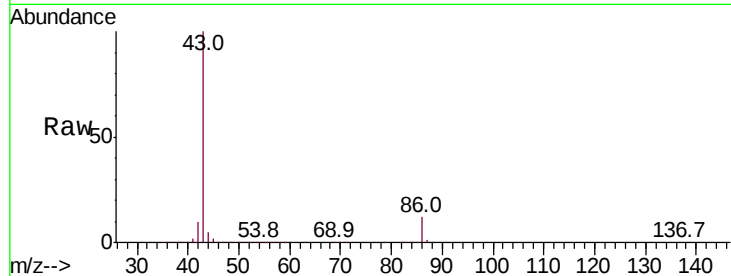
#23
 Vinyl Acetate
 Concen: 212.461 ug/l
 RT: 3.81 min Scan# 435
 Delta R.T. 0.00 min
 Lab File: VX011288.D
 Acq: 02 Aug 2019 03:07

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-MW127I-20190730MSD

Tot Ion: 43 Resp: 675033
 Ion Ratio Lower Upper
 43 100
 86 12.2 9.6 14.4

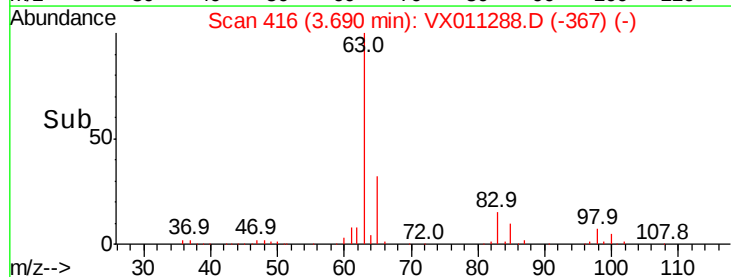
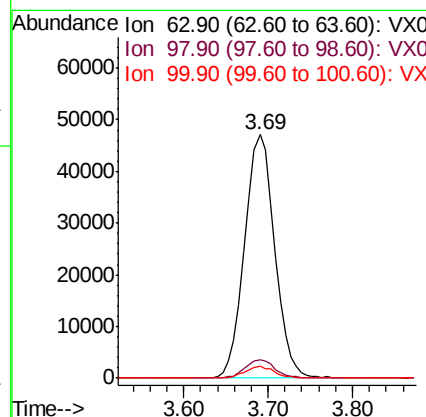
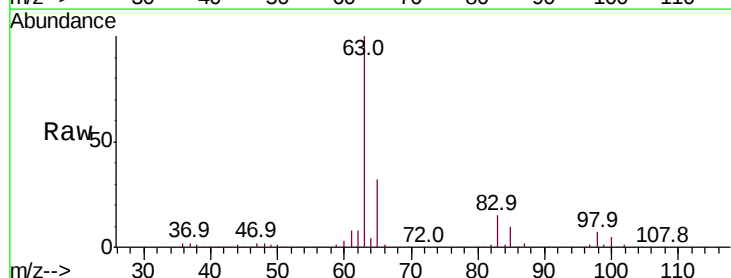
Manual Integrations
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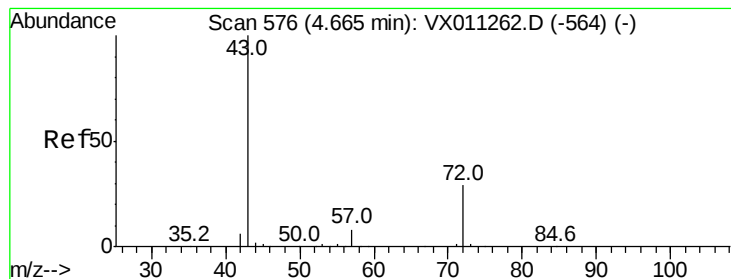
MMDadoda
 8/2/2019 9:04:53 AM



#24
 1,1-Dichloroethane
 Concen: 50.216 ug/l
 RT: 3.69 min Scan# 416
 Delta R.T. 0.00 min
 Lab File: VX011288.D
 Acq: 02 Aug 2019 03:07

Tgt Ion: 63 Resp: 113428
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.9 11.5
 100 4.8 2.7 8.1





#25

2-Butanone

Concen: 247.378 ug/l

RT: 4.67 min Scan# 576

Delta R.T. 0.00 min

Lab File: VX011288.D

Acq: 02 Aug 2019 03:07

Instrument :

MSVOA_X

ClientSampleId :

SA-MW127I-20190730MSD

Tot Ion: 43 Resp: 242382

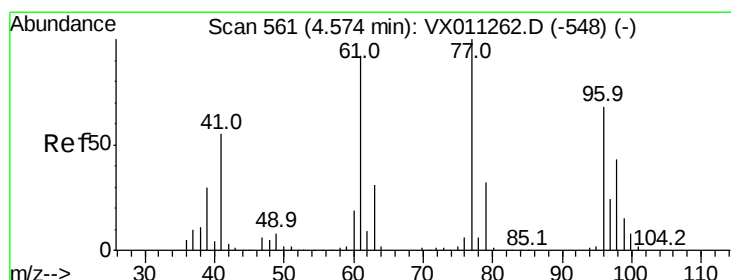
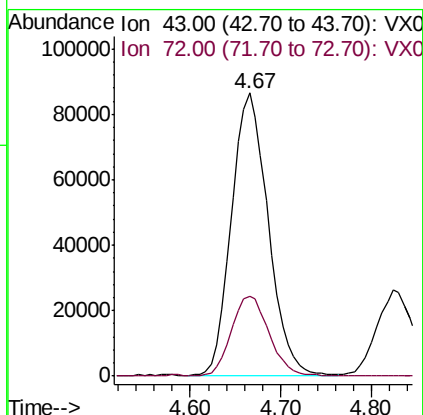
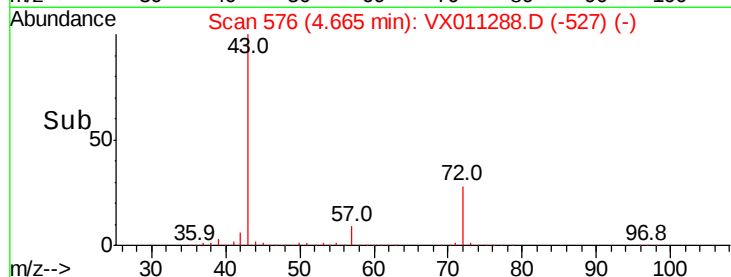
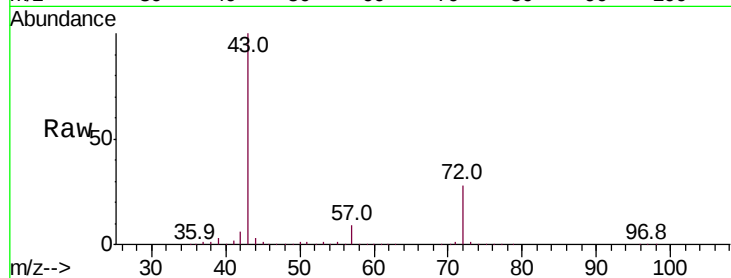
Ion Ratio Lower Upper

43 100

72 28.2 23.2 34.8

Manual Integrations
APPROVED

MMDadoda
8/2/2019 9:04:53 AM



#26

2,2-Dichloropropane

Concen: 34.066 ug/l

RT: 4.57 min Scan# 561

Delta R.T. 0.00 min

Lab File: VX011288.D

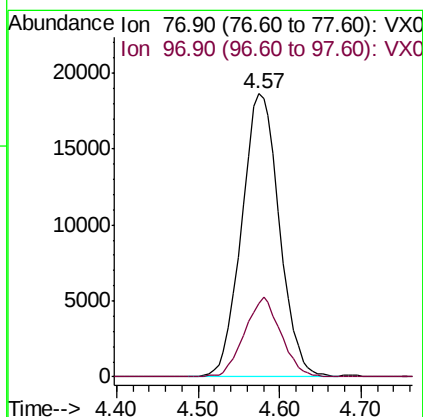
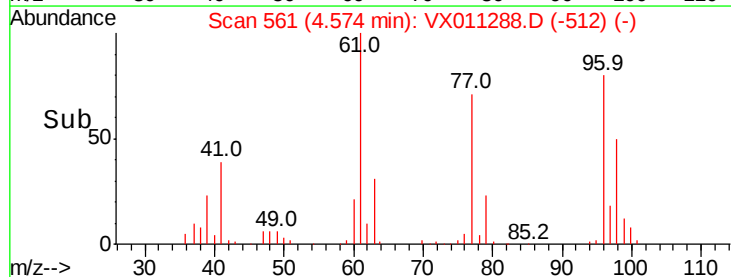
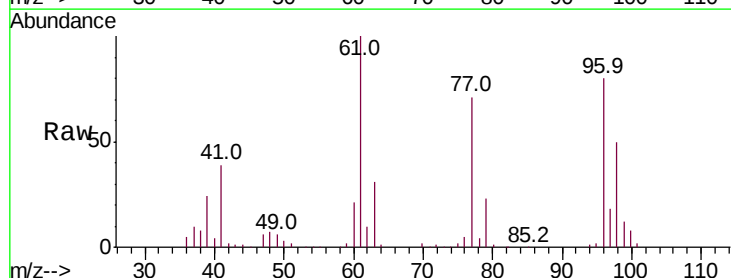
Acq: 02 Aug 2019 03:07

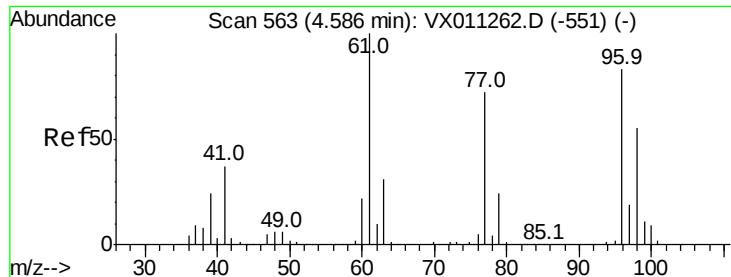
Tgt Ion: 77 Resp: 59816

Ion Ratio Lower Upper

77 100

97 27.3 12.8 38.4





#27

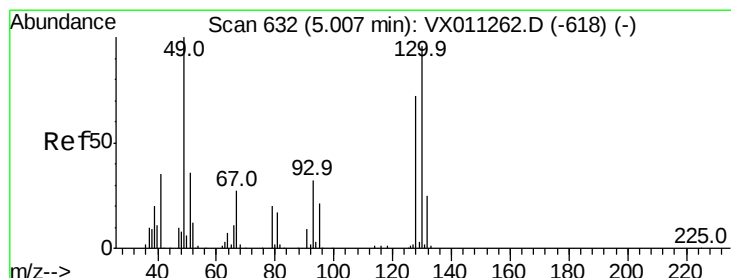
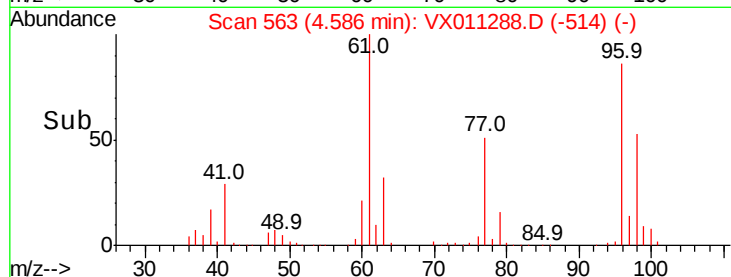
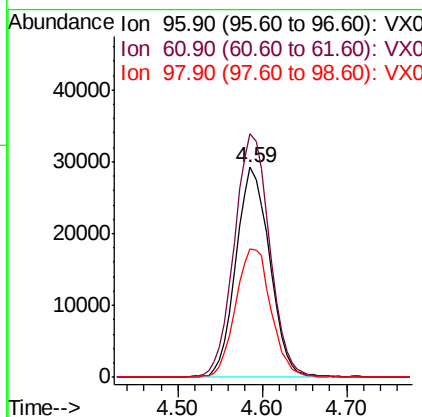
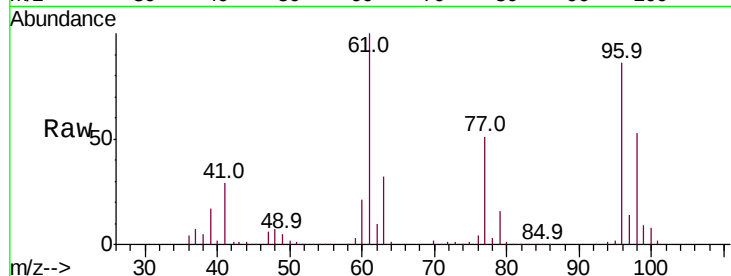
cis-1,2-Dichloroethene
Concen: 49.915 ug/l
RT: 4.59 min Scan# 563
Delta R.T. 0.00 min
Lab File: VX011288.D
Acq: 02 Aug 2019 03:07

Instrument :
MSVOA_X
ClientSampleId :
SA-MW127I-20190730MSD

Tot Ion	Ratio	Resp	Lower	Upper
96	100	79513		
61	121.6	0.0	260.2	
98	64.2	0.0	133.2	

Manual Integrations
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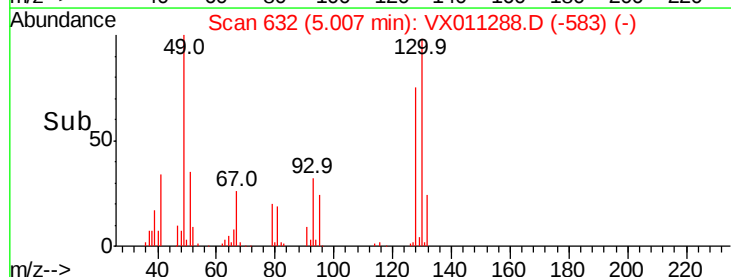
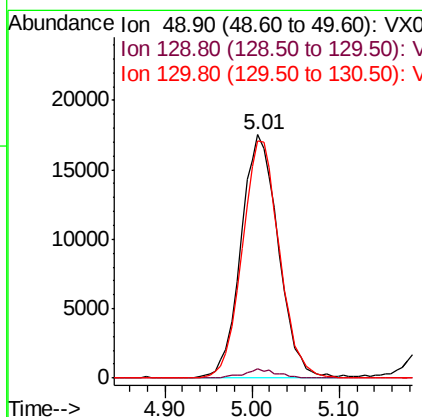
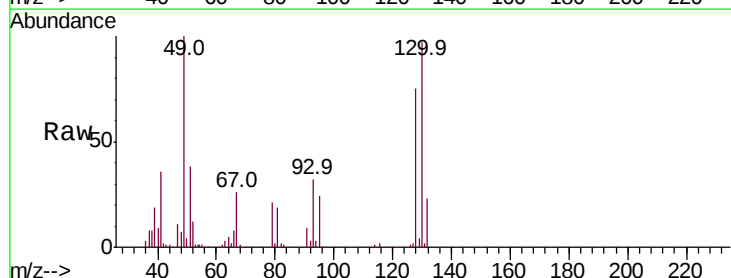
MMDadoda
8/2/2019 9:04:53 AM

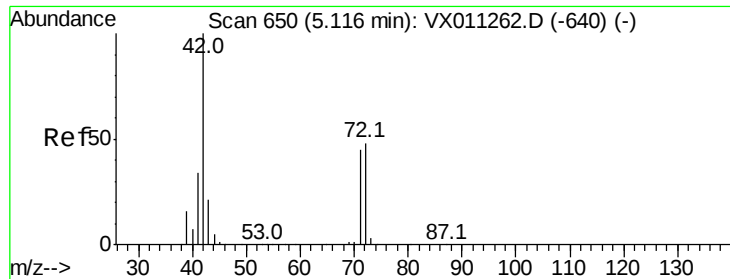


#28

Bromochloromethane
Concen: 50.664 ug/l
RT: 5.01 min Scan# 632
Delta R.T. 0.00 min
Lab File: VX011288.D
Acq: 02 Aug 2019 03:07

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	52172		
129	3.3	0.0	5.8	
130	96.9	77.9	116.9	





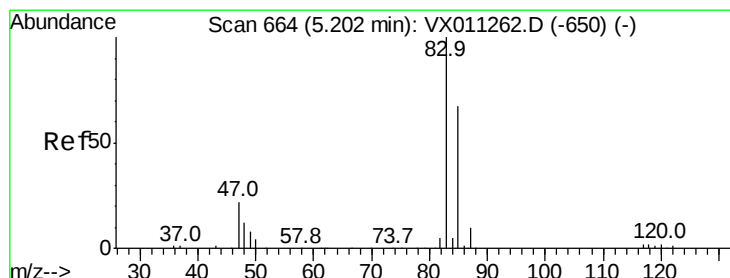
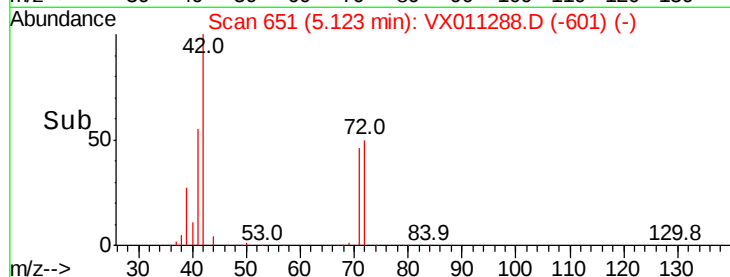
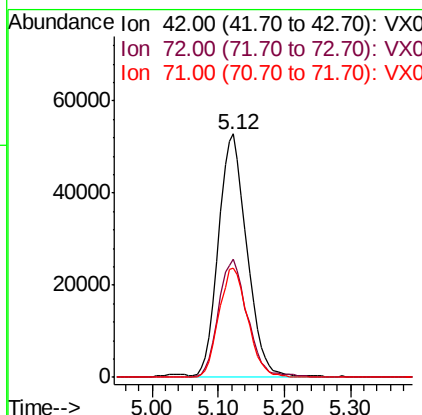
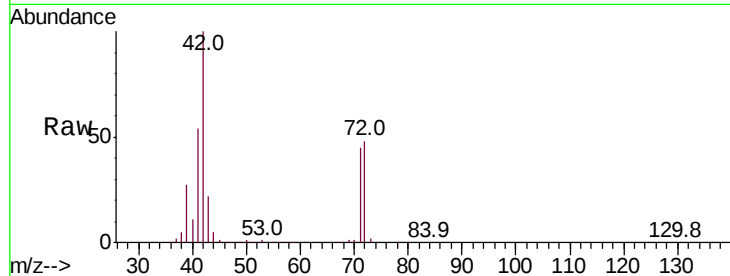
#29
Tetrahydrofuran
Concen: 261.483 ug/l
RT: 5.12 min Scan# 651
Delta R.T. 0.01 min
Lab File: VX011288.D
Acq: 02 Aug 2019 03:07

Instrument :
MSVOA_X
ClientSampleId :
SA-MW127I-20190730MSD

Tot Ion	Ratio	Lower	Upper
42	100		
72	49.5	39.9	59.9
71	45.4	36.9	55.3

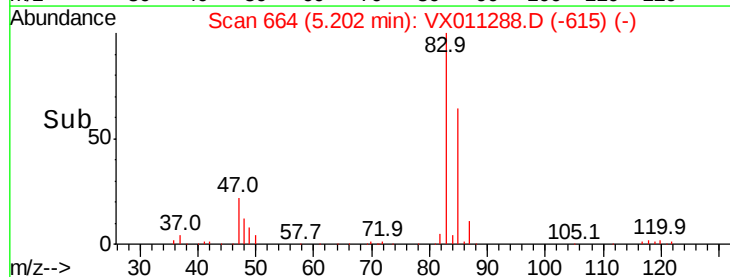
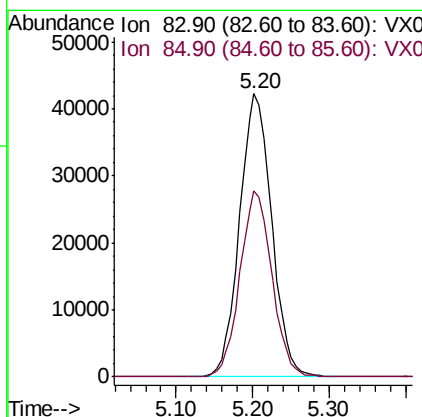
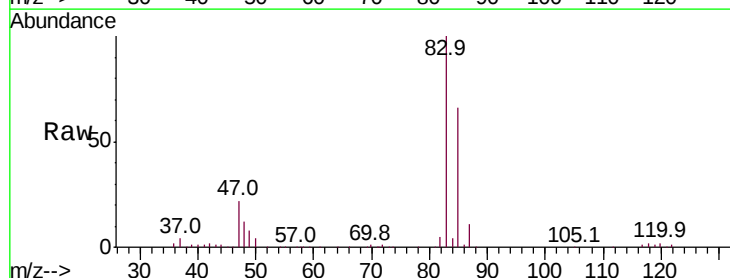
Manual Integrations
APPROVED

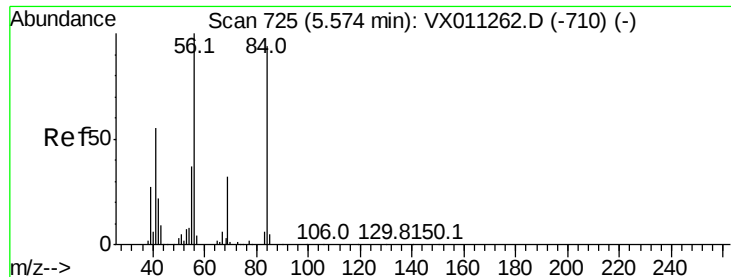
MMDadoda
8/2/2019 9:04:53 AM



#30
Chloroform
Concen: 50.203 ug/l
RT: 5.20 min Scan# 664
Delta R.T. 0.00 min
Lab File: VX011288.D
Acq: 02 Aug 2019 03:07

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.9	53.4	80.0





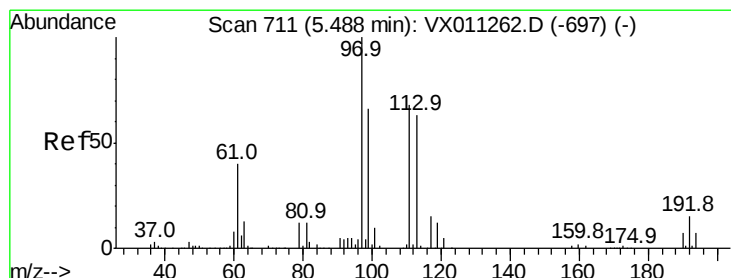
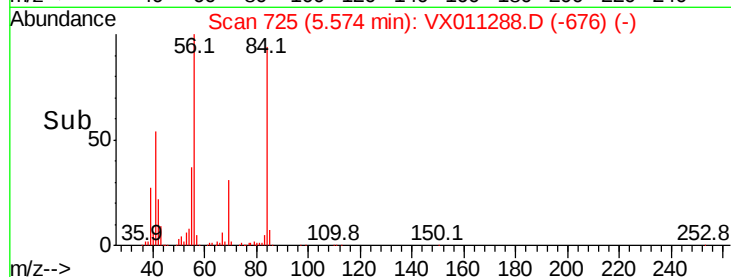
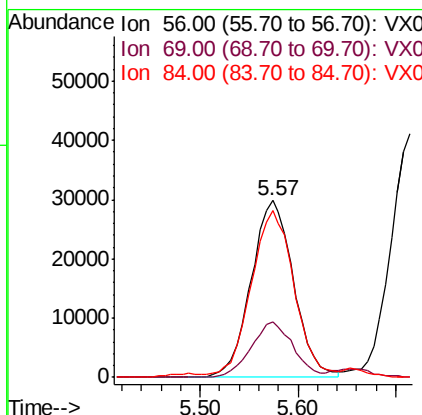
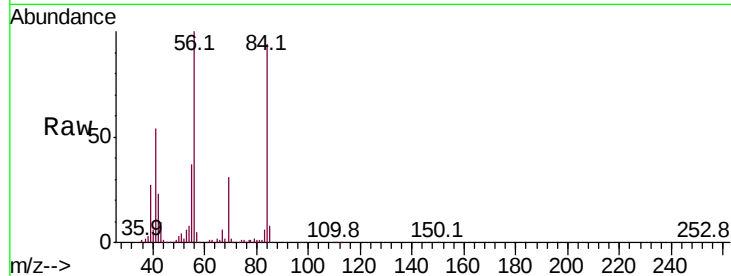
#31
Cyclohexane
Concen: 48.319 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX011288.D
Acq: 02 Aug 2019 03:07

Instrument :
MSVOA_X
ClientSampleId :
SA-MW127I-20190730MSD

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.3	25.5	38.3
84	91.8	75.0	112.4

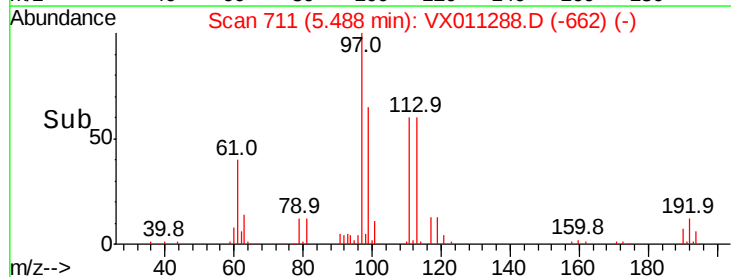
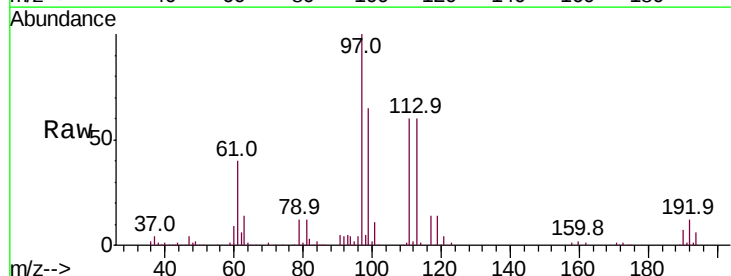
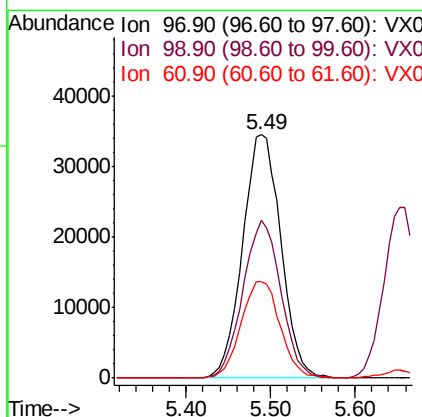
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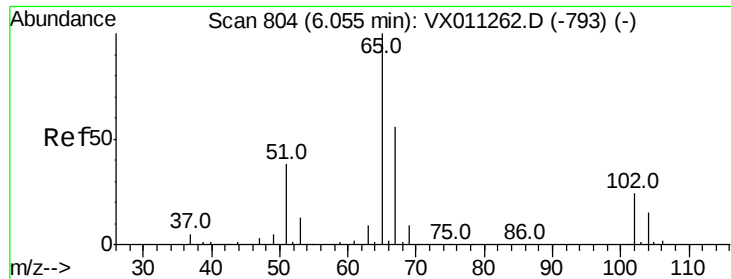
MMDadoda
8/2/2019 9:04:53 AM



#32
1,1,1-Trichloroethane
Concen: 50.666 ug/l
RT: 5.49 min Scan# 711
Delta R.T. 0.00 min
Lab File: VX011288.D
Acq: 02 Aug 2019 03:07

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.6	77.4
61	40.4	32.3	48.5





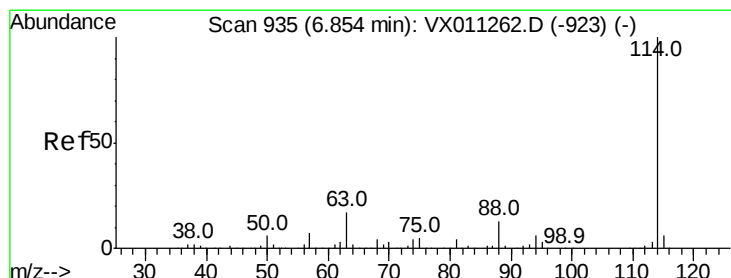
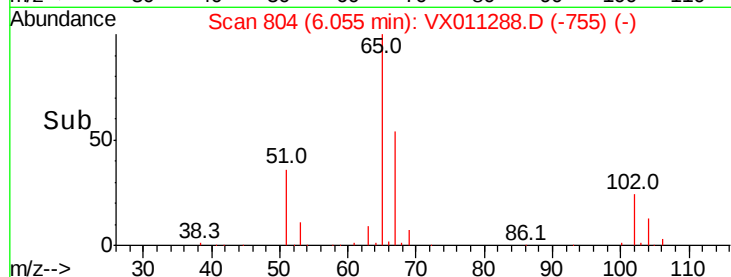
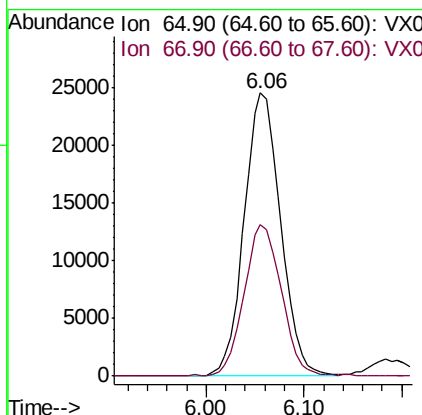
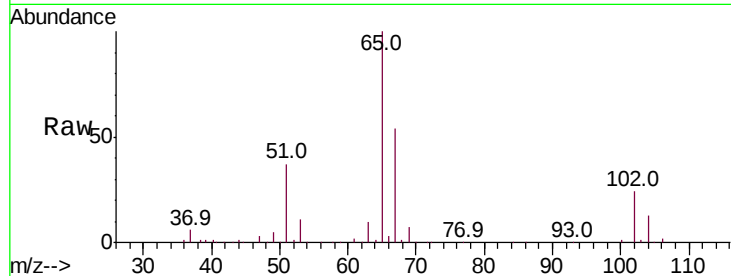
#33
 1,2-Dichloroethane-d4
 Concen: 43.972 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX011288.D
 Acq: 02 Aug 2019 03:07

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-MW127I-20190730MSD

Tot Ion: 65 Resp: 63631
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 110.6

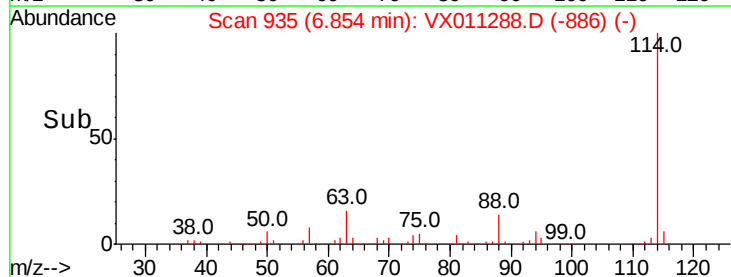
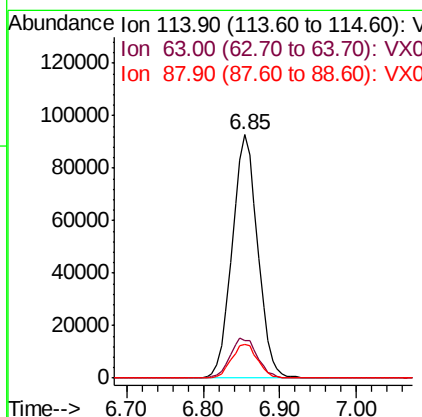
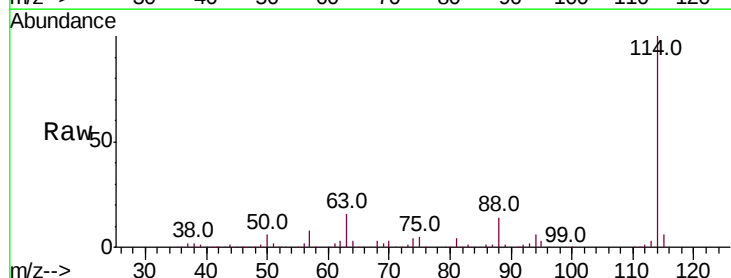
Manual Integrations
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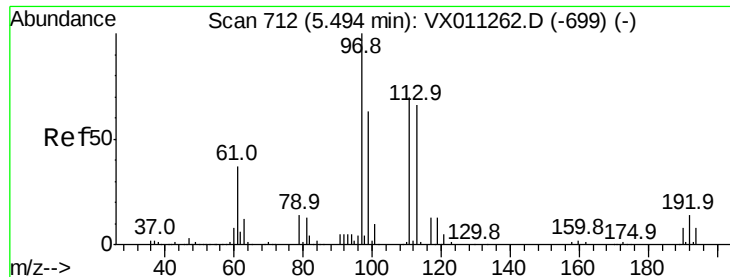
MMDadoda
 8/2/2019 9:04:53 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VX011288.D
 Acq: 02 Aug 2019 03:07

Tgt Ion: 114 Resp: 214282
 Ion Ratio Lower Upper
 114 100
 63 15.6 0.0 34.0
 88 13.9 0.0 26.4





#35

Dibromofluoromethane

Concen: 42.964 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX011288.D

Acq: 02 Aug 2019 03:07

Instrument :

MSVOA_X

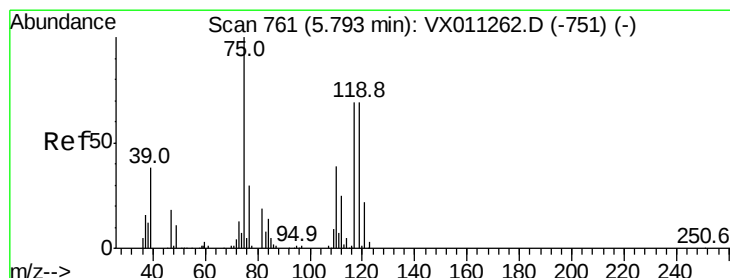
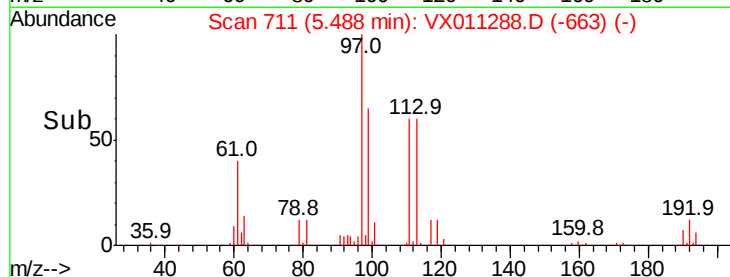
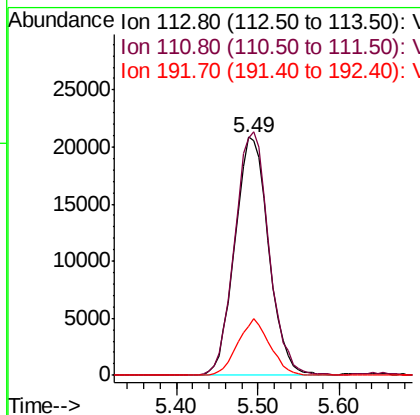
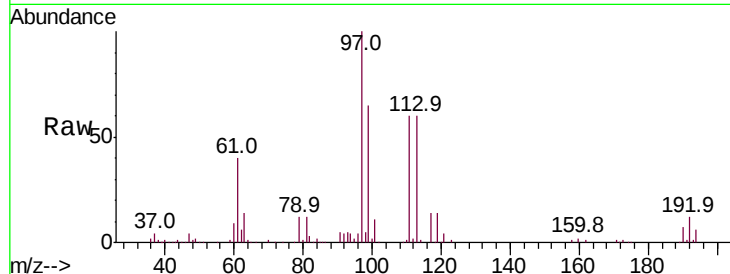
ClientSampleId :

SA-MW127I-20190730MSD

Tot Ion:	113	Resp:	60106
Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.9	122.9
192	22.3	17.8	26.8

Manual Integrations
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8/2/2019 9:04:53 AM



#36

1,1-Dichloropropene

Concen: 46.294 ug/l

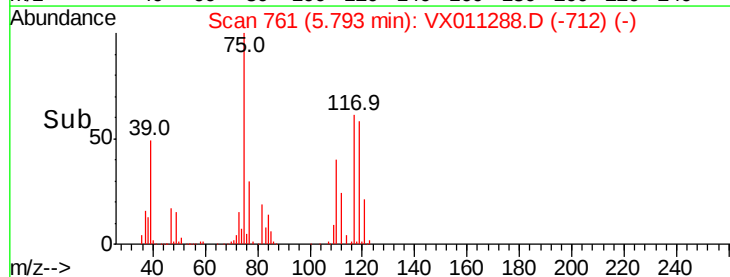
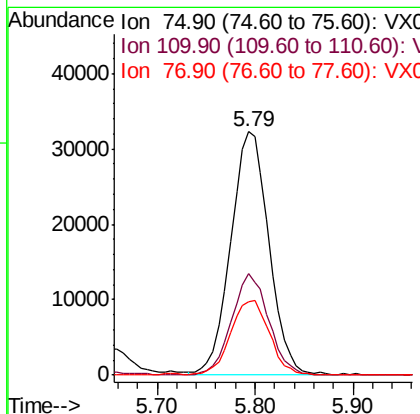
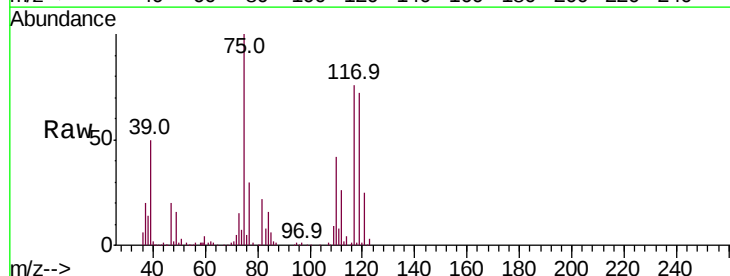
RT: 5.79 min Scan# 761

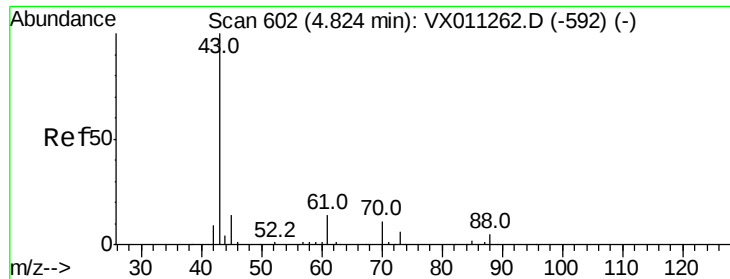
Delta R.T. 0.00 min

Lab File: VX011288.D

Acq: 02 Aug 2019 03:07

Tgt Ion:	75	Resp:	86610
Ion	Ratio	Lower	Upper
75	100		
110	40.7	20.0	59.9
77	31.8	24.8	37.2





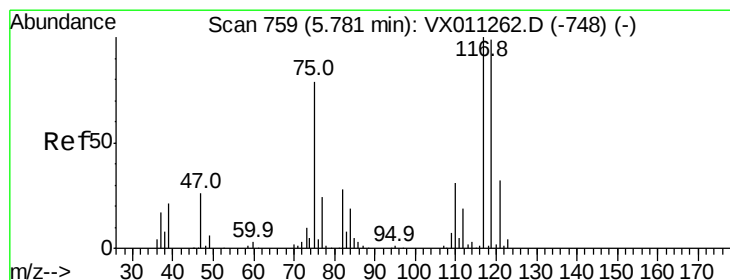
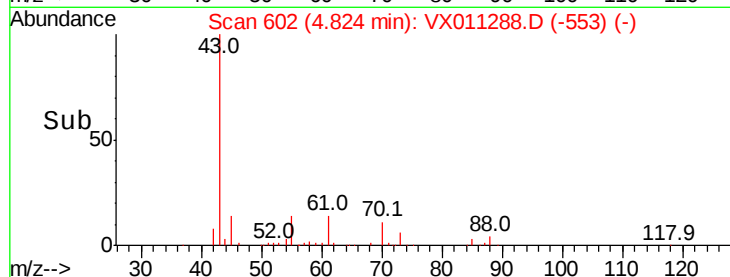
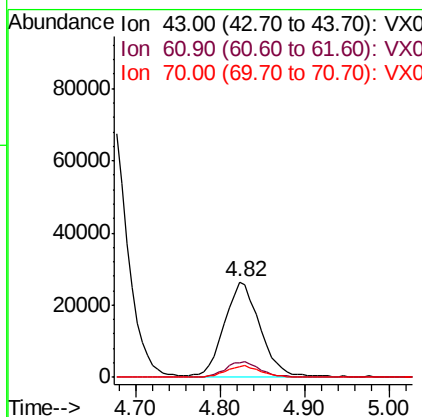
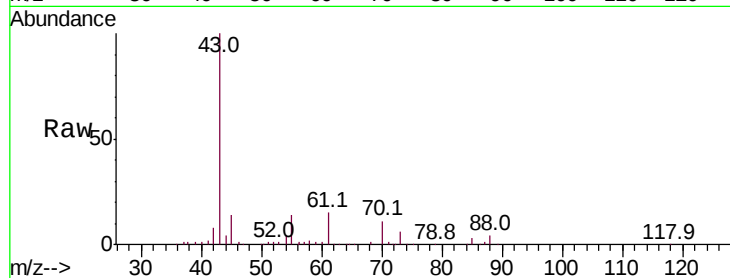
#37
Ethyl Acetate
Concen: 40.113 ug/l
RT: 4.82 min Scan# 602
Delta R.T. 0.00 min
Lab File: VX011288.D
Acq: 02 Aug 2019 03:07

Instrument :
MSVOA_X
ClientSampleId :
SA-MW127I-20190730MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.2	12.6	18.8
70	11.9	9.1	13.7

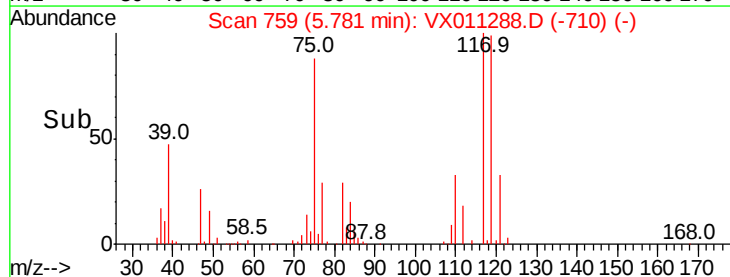
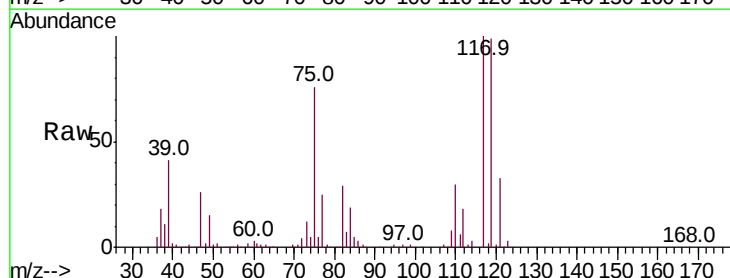
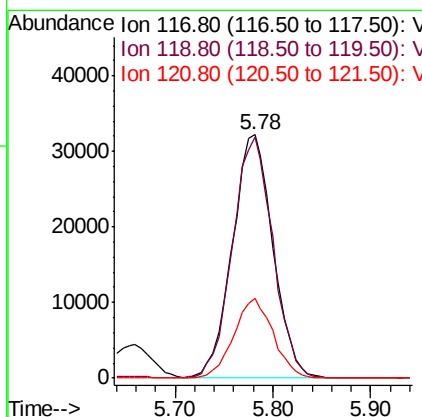
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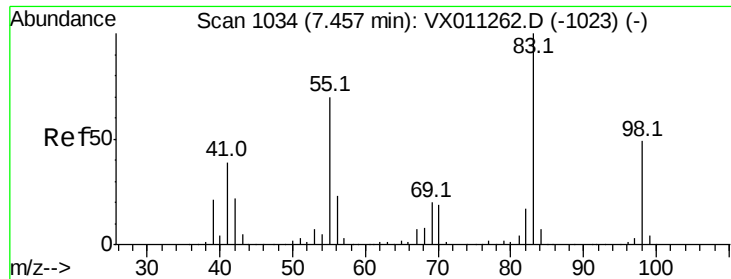
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#38
Carbon Tetrachloride
Concen: 49.407 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX011288.D
Acq: 02 Aug 2019 03:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.7	79.0	118.4
121	32.6	25.9	38.9





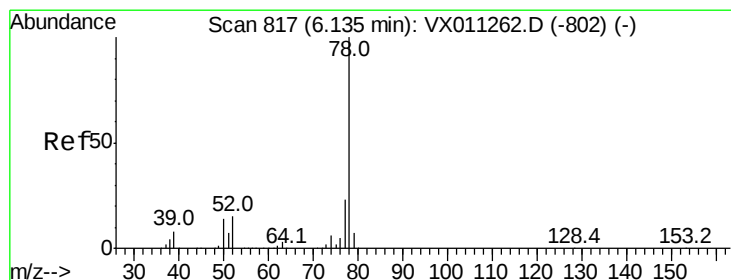
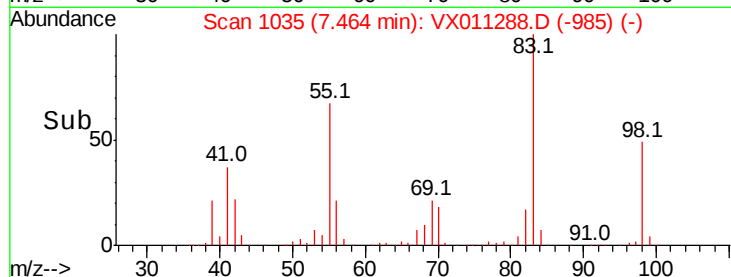
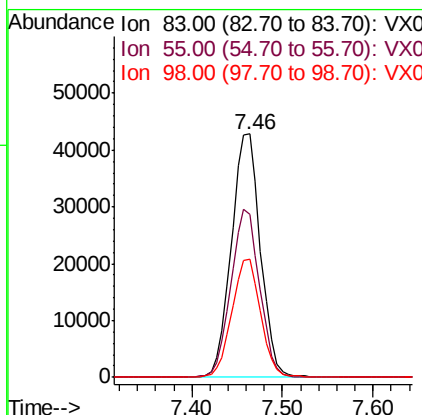
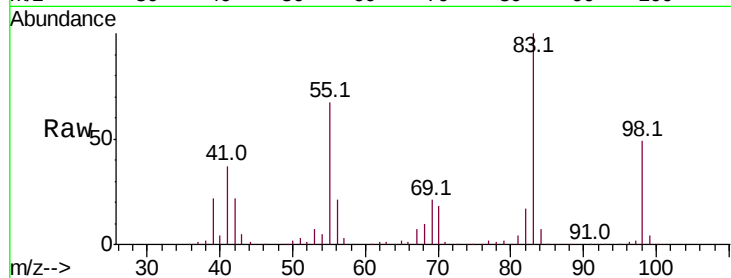
#39
Methvlcvclohexane
Concen: 42.937 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX011288.D
Acq: 02 Aug 2019 03:07

Instrument :
MSVOA_X
ClientSampleId :
SA-MW127I-20190730MSD

Tot Ion	Ratio	Lower	Upper
83	100		
55	66.8	56.1	84.1
98	48.5	39.0	58.4

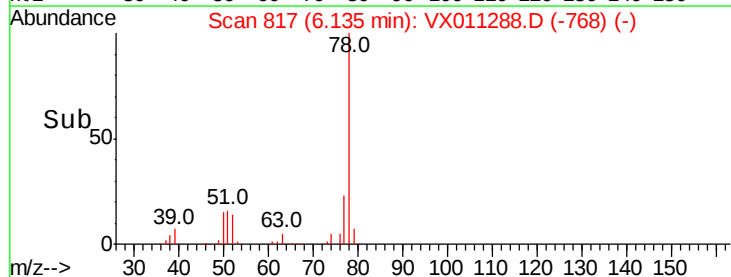
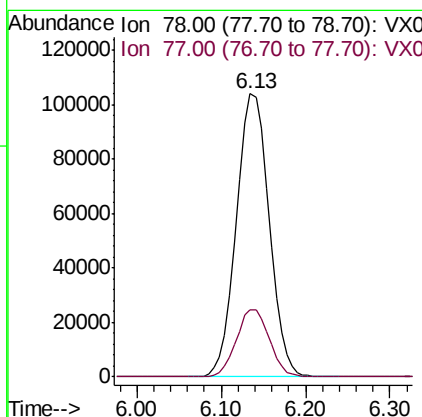
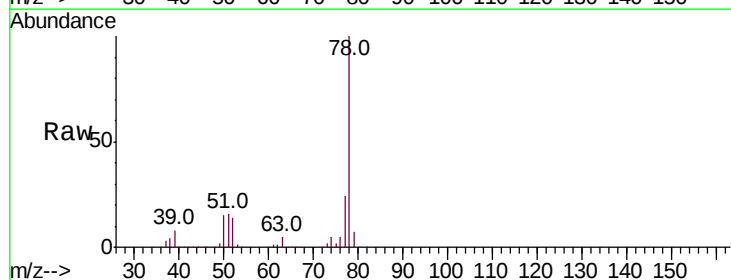
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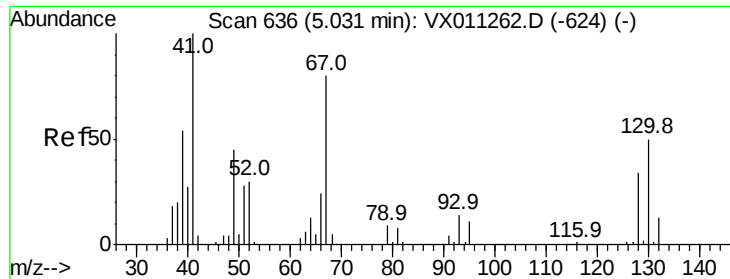
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8/2/2019 9:04:53 AM



#40
Benzene
Concen: 49.101 ug/l
RT: 6.13 min Scan# 817
Delta R.T. 0.00 min
Lab File: VX011288.D
Acq: 02 Aug 2019 03:07

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.2	27.2





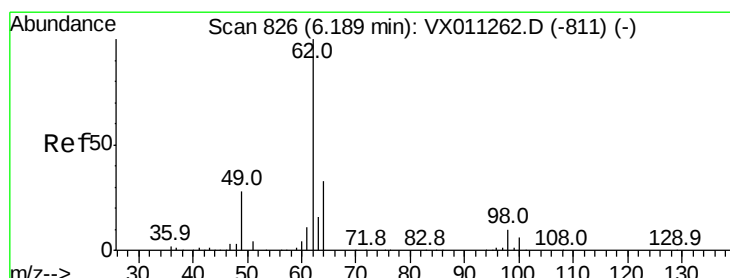
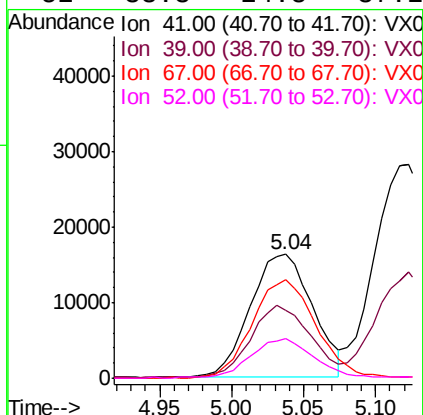
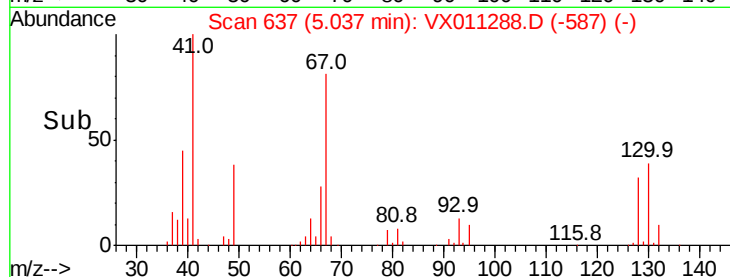
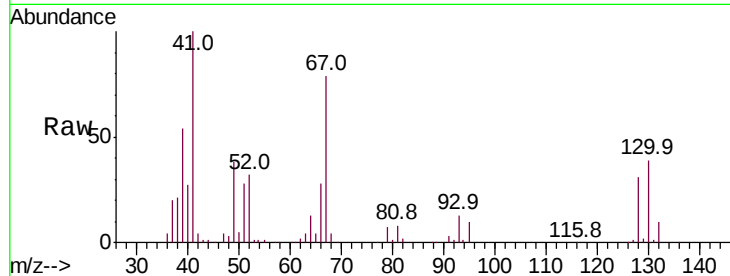
#41
Methacrylonitrile
Concen: 47.889 ug/l
RT: 5.04 min Scan# 637
Delta R.T. 0.01 min
Lab File: VX011288.D
Acq: 02 Aug 2019 03:07

Instrument :
MSVOA_X
ClientSampleId :
SA-MW127I-20190730MSD

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.6	43.0	64.6	
67	82.7	65.1	97.7	
52	33.3	24.8	37.2	

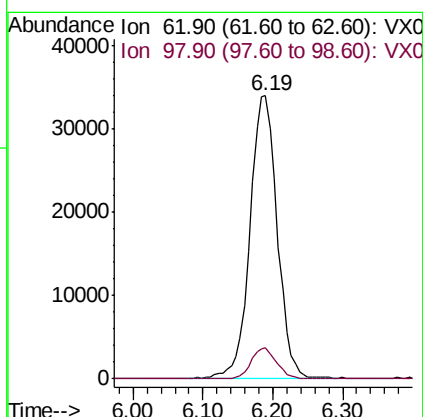
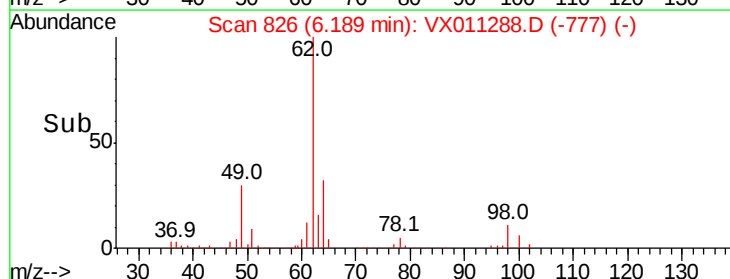
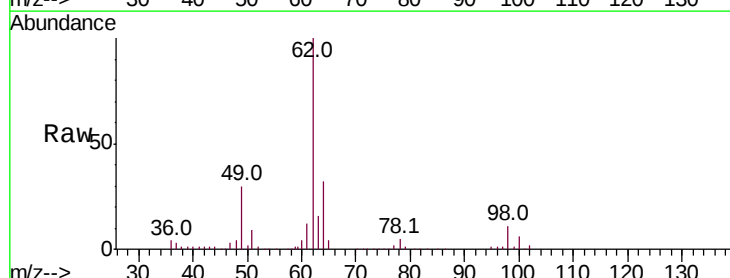
Manual Integrations
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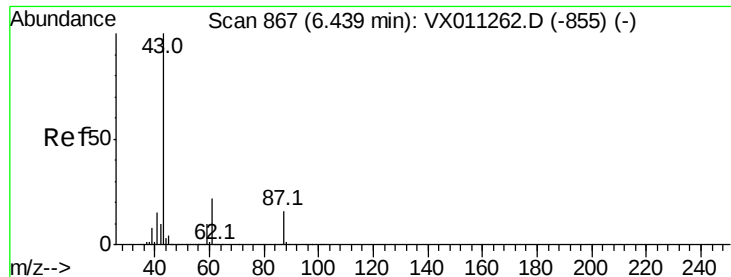
MMDadoda
8/2/2019 9:04:53 AM



#42
1,2-Dichloroethane
Concen: 48.917 ug/l
RT: 6.19 min Scan# 826
Delta R.T. 0.00 min
Lab File: VX011288.D
Acq: 02 Aug 2019 03:07

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.3	0.0	20.6	





#43

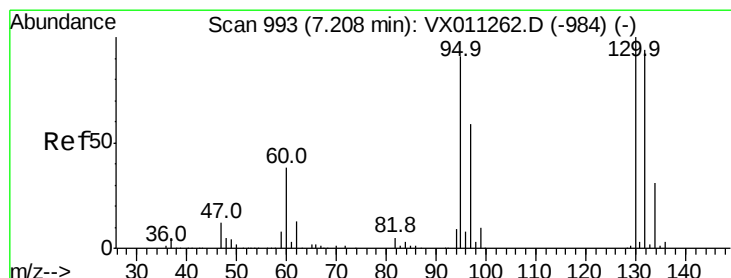
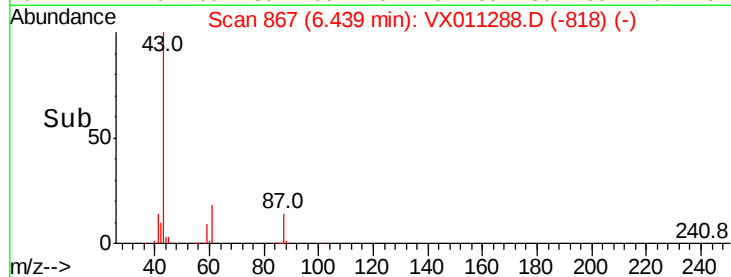
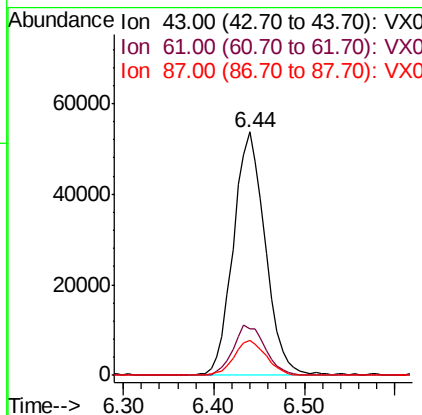
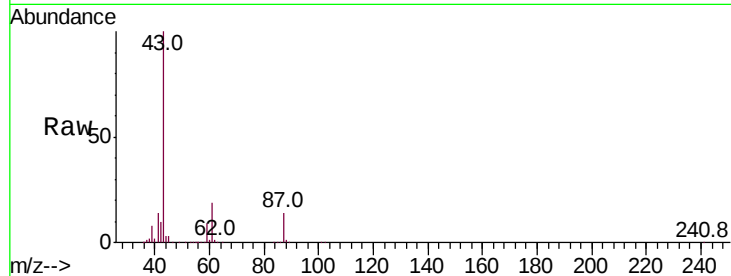
Isopropyl Acetate
 Concen: 43.220 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. 0.00 min
 Lab File: VX011288.D
 Acq: 02 Aug 2019 03:07

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-MW127I-20190730MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.0	16.5	24.7
87	14.9	12.1	18.1

Manual Integrations
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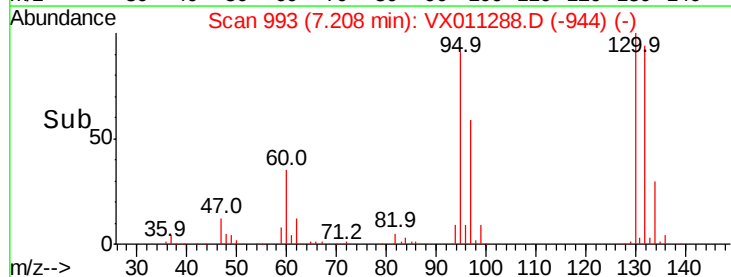
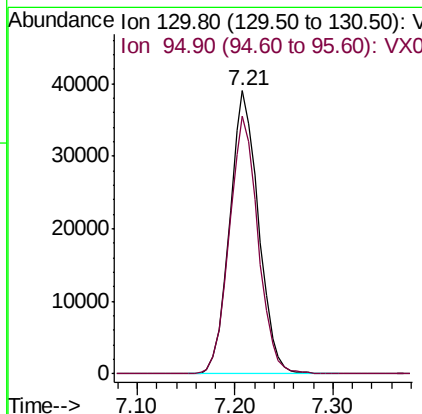
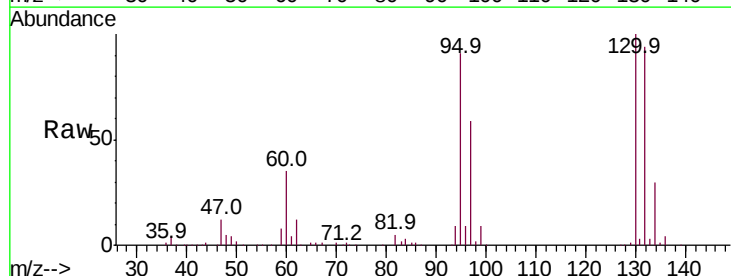
MMDadoda
 8/2/2019 9:04:53 AM

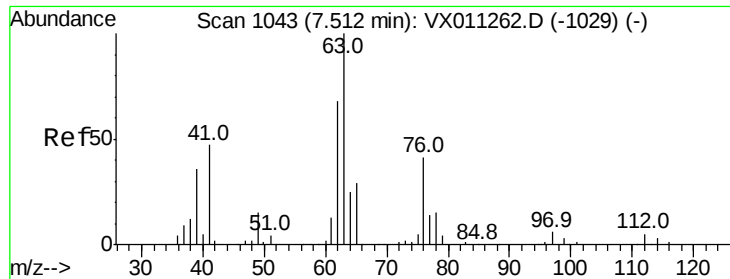


#44

Trichloroethene
 Concen: 47.119 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. 0.00 min
 Lab File: VX011288.D
 Acq: 02 Aug 2019 03:07

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.9	0.0	182.6





#45

1,2-Dichloropropane

Concen: 47.990 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX011288.D

Acq: 02 Aug 2019 03:07

Instrument :

MSVOA_X

ClientSampleId :

SA-MW127I-20190730MSD

Tot Ion: 63 Resp: 69387

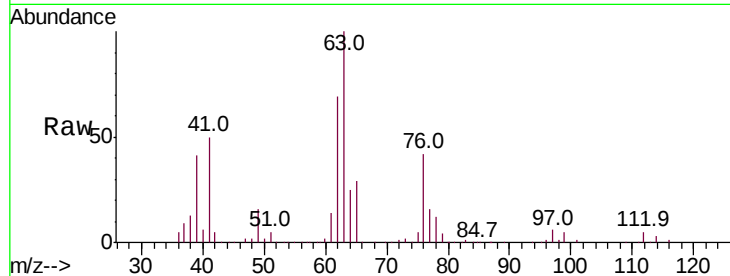
Ion Ratio Lower Upper

63 100

65 29.0 23.3 34.9

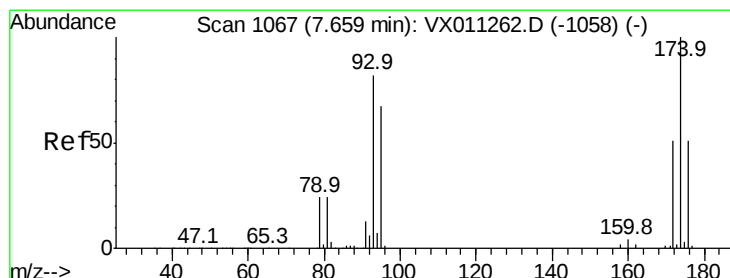
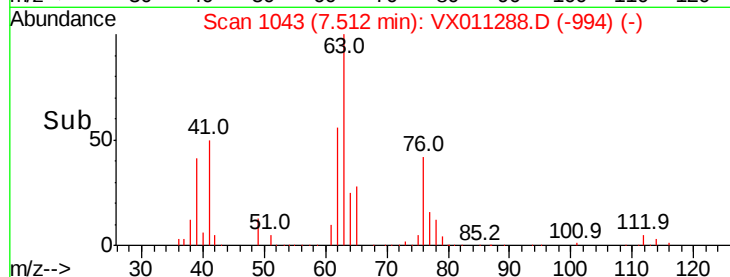
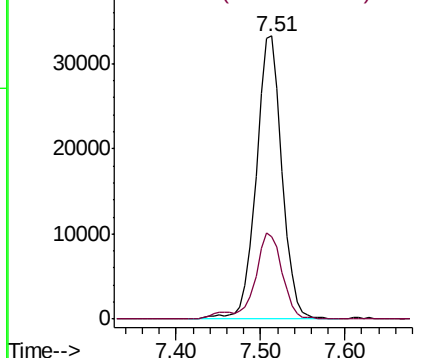
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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 47.492 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX011288.D

Acq: 02 Aug 2019 03:07

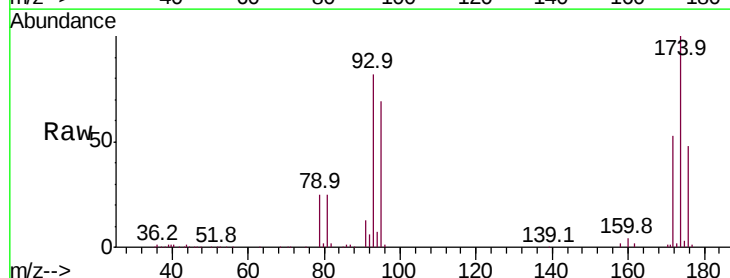
Tgt Ion: 93 Resp: 50128

Ion Ratio Lower Upper

93 100

95 84.4 66.4 99.6

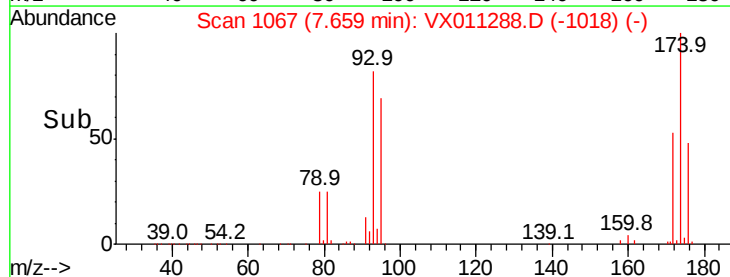
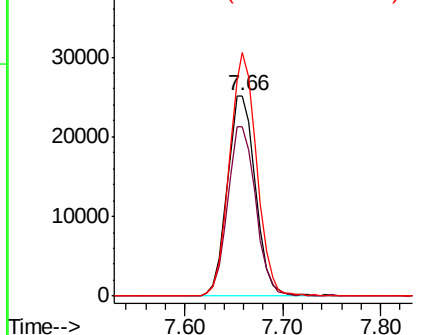
174 117.2 93.4 140.2

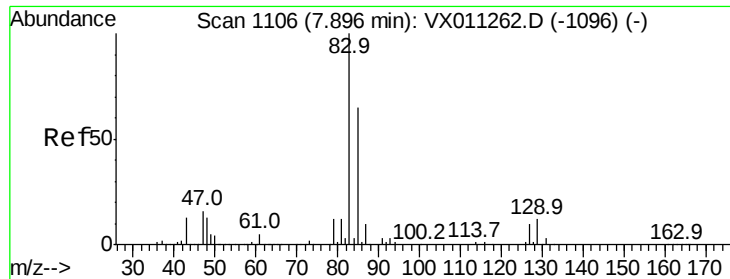


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 49.817 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX011288.D

Acq: 02 Aug 2019 03:07

Instrument :

MSVOA_X

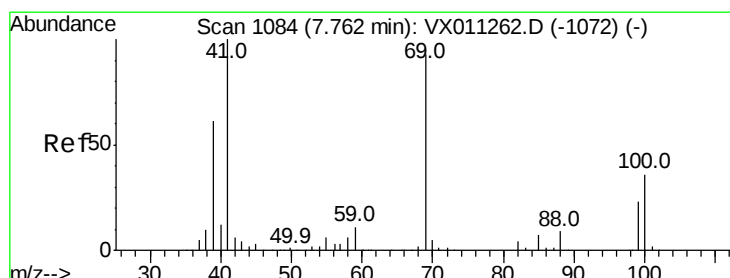
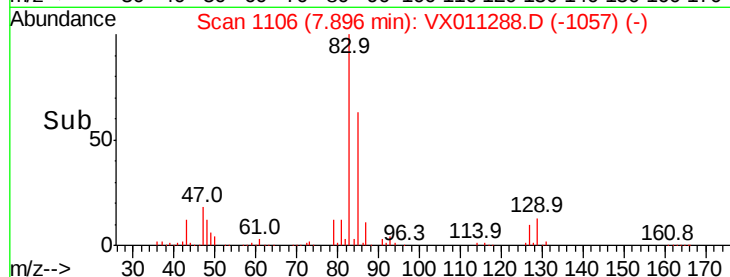
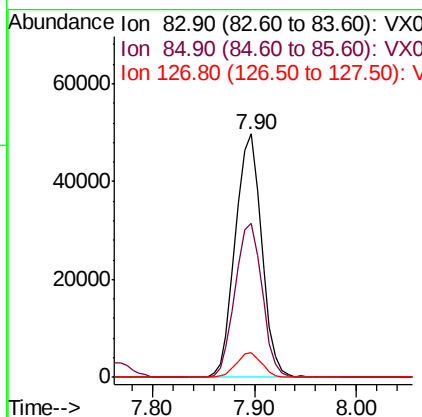
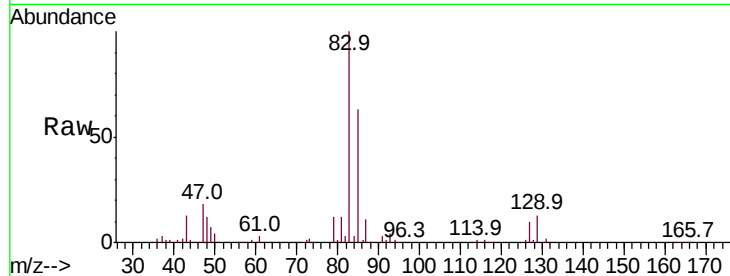
ClientSampleId :

SA-MW127I-20190730MSD

Tot Ion:	83	Resp:	89025
Ion	Ratio	Lower	Upper
83	100		
85	63.3	52.2	78.2
127	10.3	7.8	11.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 49.617 ug/l

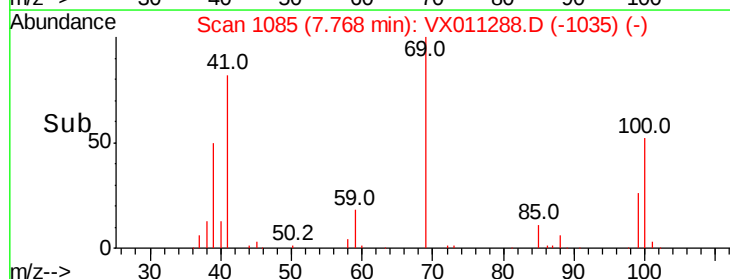
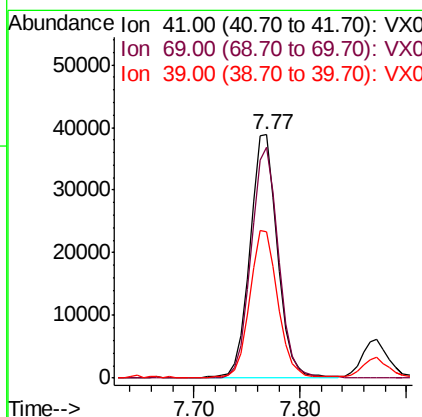
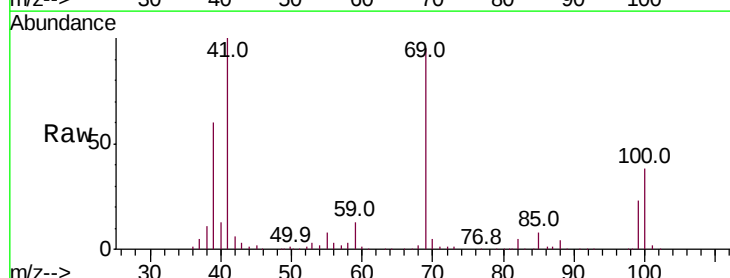
RT: 7.77 min Scan# 1085

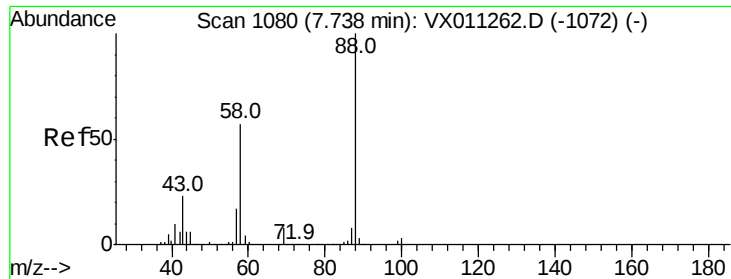
Delta R.T. 0.01 min

Lab File: VX011288.D

Acq: 02 Aug 2019 03:07

Tgt Ion:	41	Resp:	70058
Ion	Ratio	Lower	Upper
41	100		
69	95.7	74.5	111.7
39	61.6	48.6	72.8





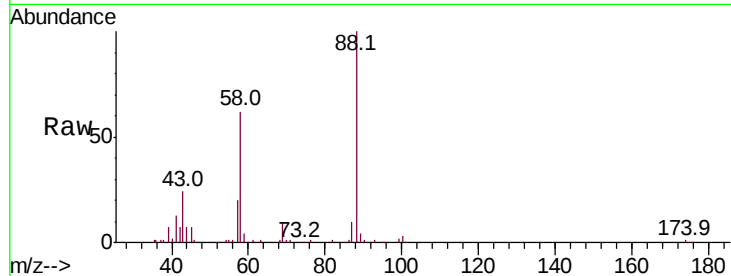
#49
1,4-Dioxane
Concen: 940.621 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX011288.D
Acq: 02 Aug 2019 03:07

Instrument :
MSVOA_X
ClientSampleId :
SA-MW127I-20190730MSD

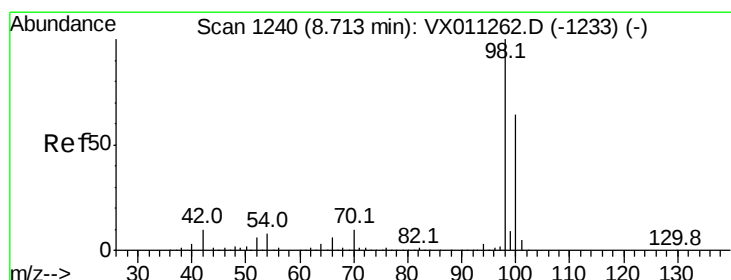
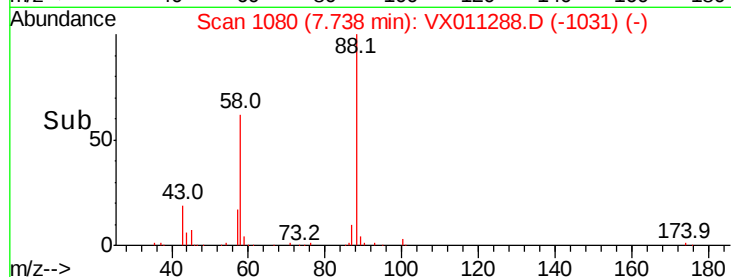
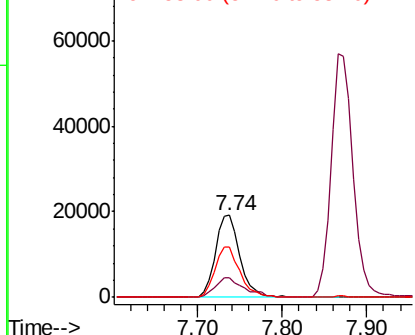
Tot Ion	Ratio	Lower	Upper
88	100		
43	27.5	22.2	33.2
58	63.0	47.8	71.8

Manual Integrations
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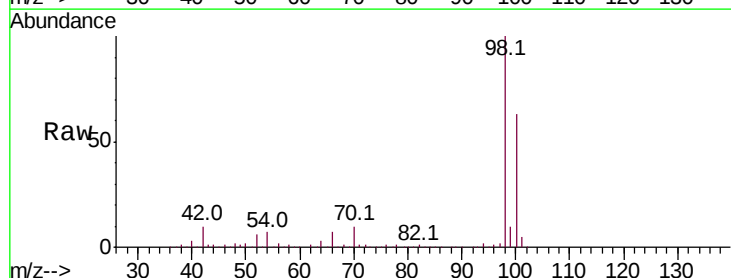


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

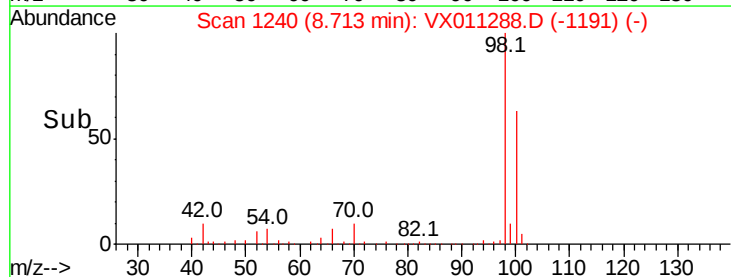
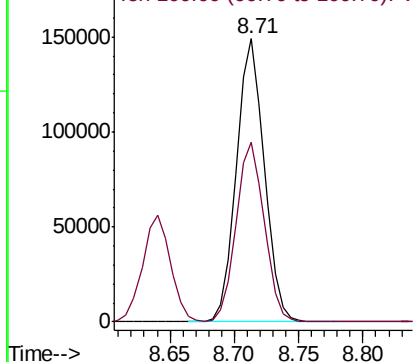


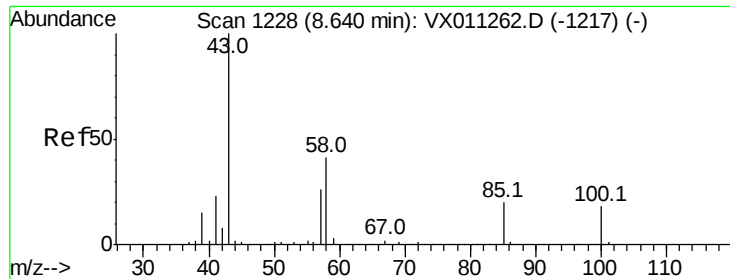
#50
Toluene-d8
Concen: 42.503 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011288.D
Acq: 02 Aug 2019 03:07

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.7	77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 256.924 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX011288.D

Acq: 02 Aug 2019 03:07

Instrument :

MSVOA_X

ClientSampleId :

SA-MW127I-20190730MSD

Tot Ion: 43 Resp: 497478

Ion Ratio Lower Upper

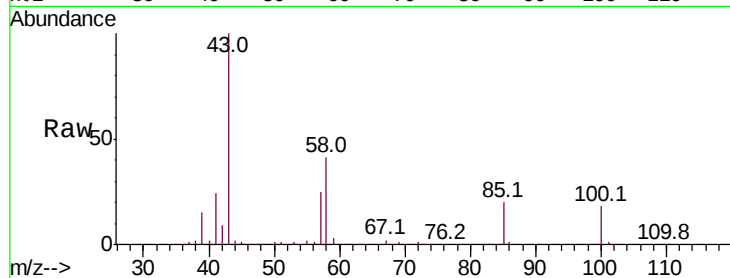
43 100

58 40.5 32.3 48.5

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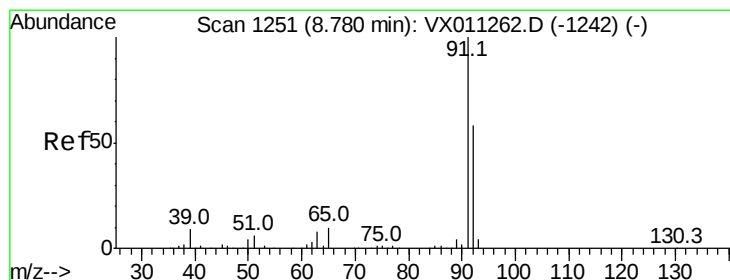
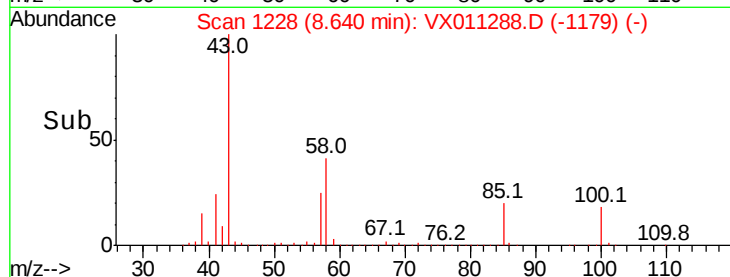
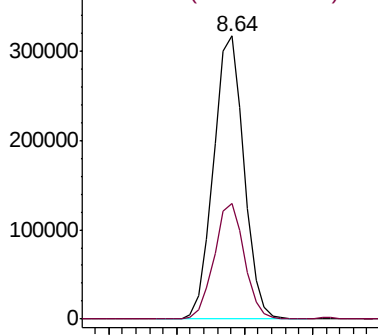
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 48.383 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VX011288.D

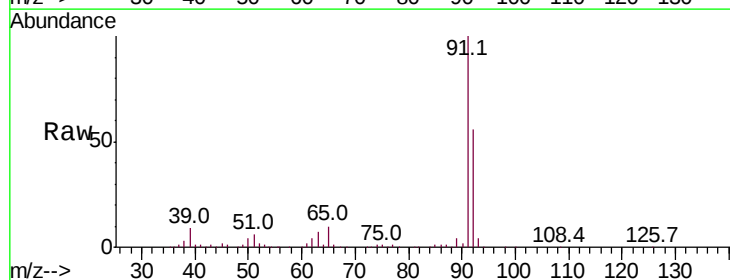
Acq: 02 Aug 2019 03:07

Tgt Ion: 92 Resp: 178593

Ion Ratio Lower Upper

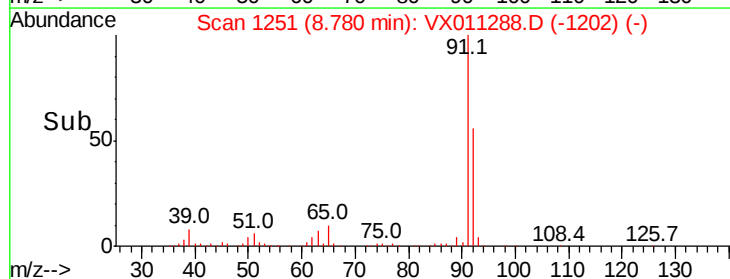
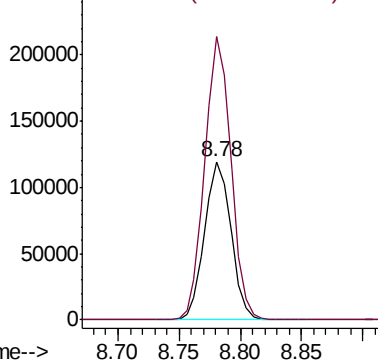
92 100

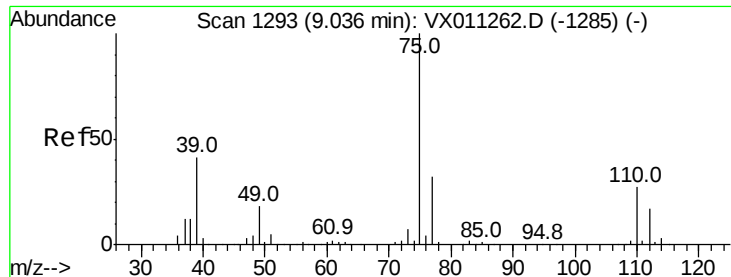
91 178.0 139.4 209.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





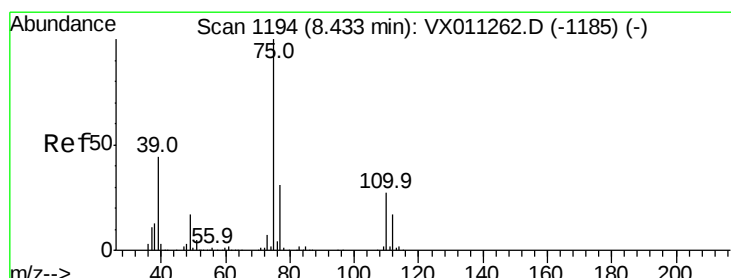
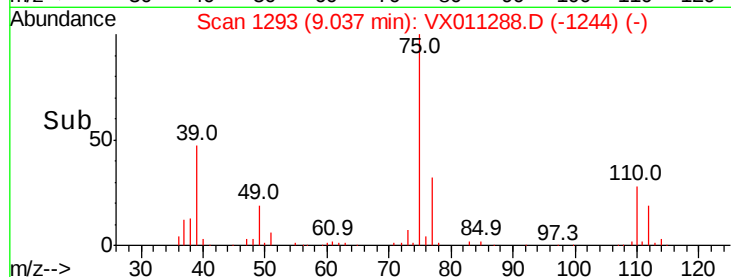
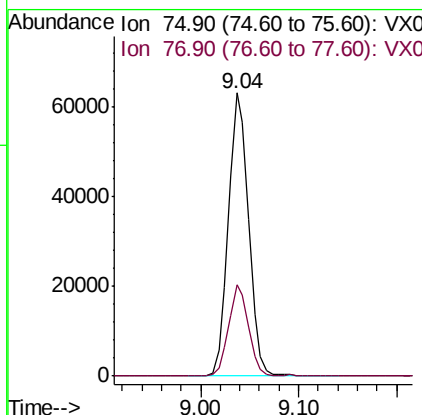
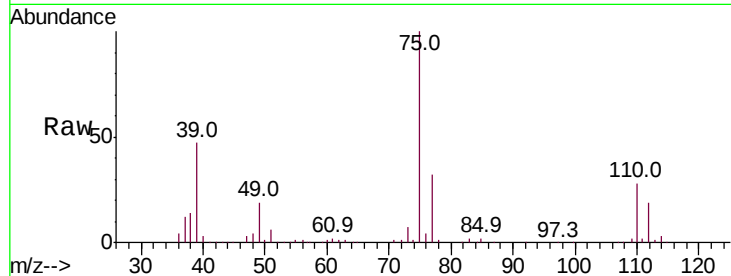
#53
t-1,3-Dichloropropene
Concen: 43.965 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX011288.D
Acq: 02 Aug 2019 03:07

Instrument :
MSVOA_X
ClientSampleId :
SA-MW127I-20190730MSD

Tot Ion: 75 Resp: 90743
Ion Ratio Lower Upper
75 100
77 32.3 25.4 38.0

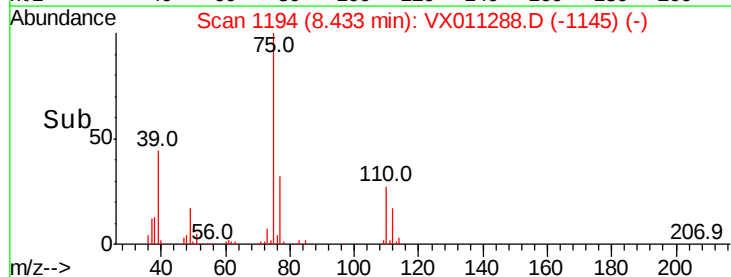
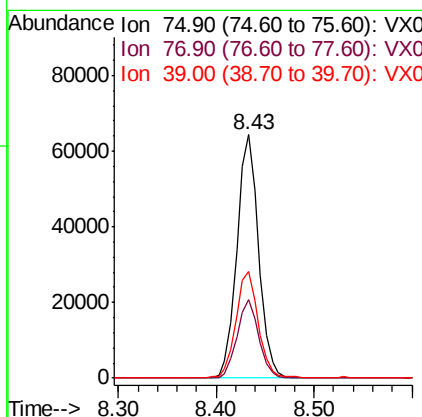
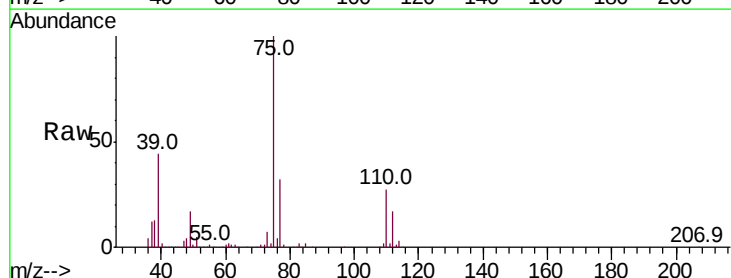
Manual Integrations
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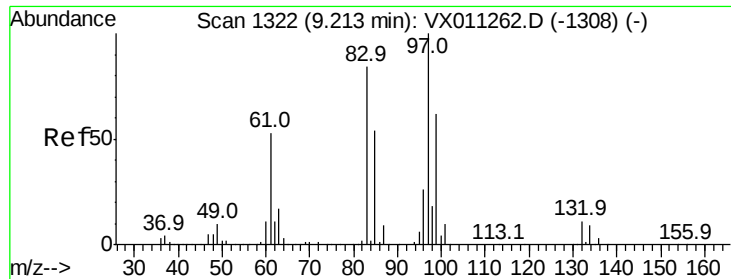
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#54
cis-1,3-Dichloropropene
Concen: 47.409 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX011288.D
Acq: 02 Aug 2019 03:07

Tgt Ion: 75 Resp: 98966
Ion Ratio Lower Upper
75 100
77 32.2 25.0 37.6
39 43.7 35.3 52.9





#55

1,1,2-Trichloroethane

Concen: 50.120 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX011288.D

Acq: 02 Aug 2019 03:07

Instrument :

MSVOA_X

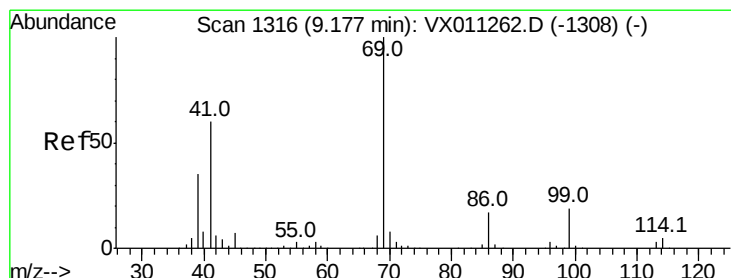
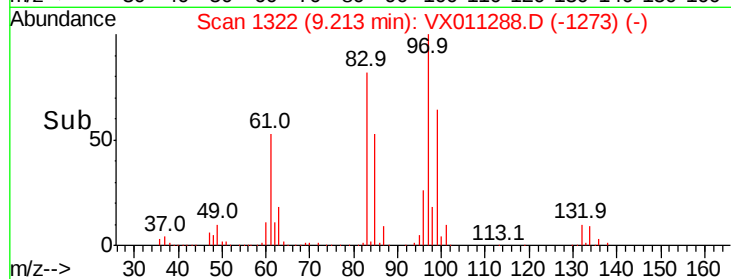
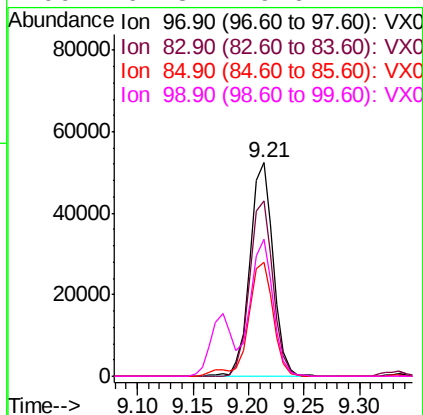
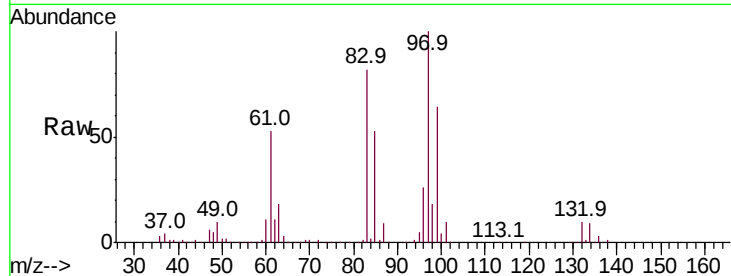
ClientSampleId :

SA-MW127I-20190730MSD

Tot Ion	Ion	Ratio	Lower	Upper
97	100			
83	82.0	67.6	101.4	
85	53.1	43.4	65.0	
99	64.3	49.6	74.4	

Manual Integrations
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#56

Ethyl methacrylate

Concen: 51.186 ug/l

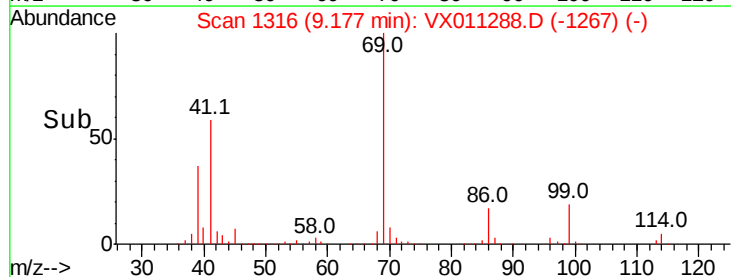
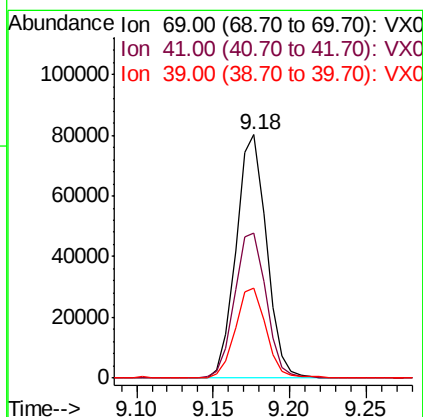
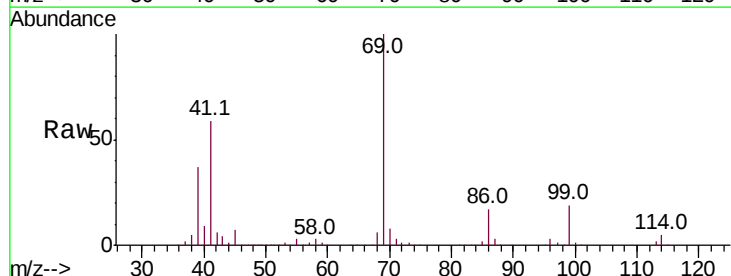
RT: 9.18 min Scan# 1316

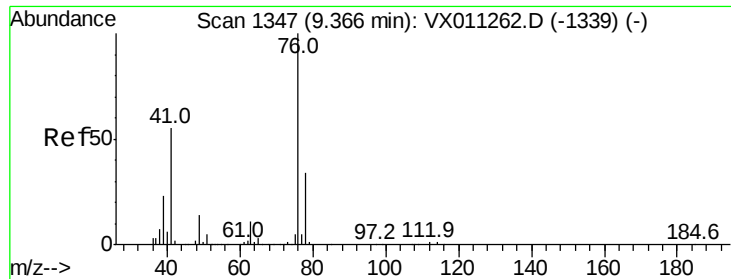
Delta R.T. 0.00 min

Lab File: VX011288.D

Acq: 02 Aug 2019 03:07

Tgt Ion	Ion	Ratio	Lower	Upper
69	100			
41	61.4	48.6	73.0	
39	36.9	29.4	44.2	





#57

1,3-Dichloropropane

Concen: 49.079 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. 0.00 min

Lab File: VX011288.D

Acq: 02 Aug 2019 03:07

Instrument :

MSVOA_X

ClientSampleId :

SA-MW127I-20190730MSD

Tot Ion: 76 Resp: 117799

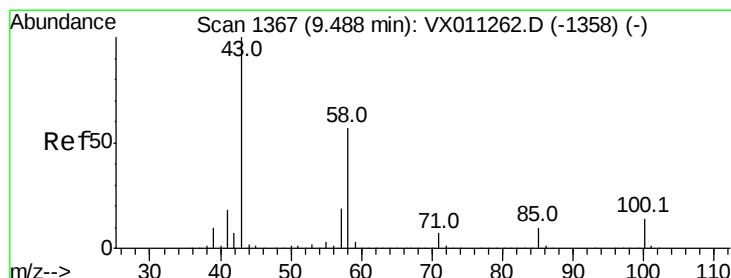
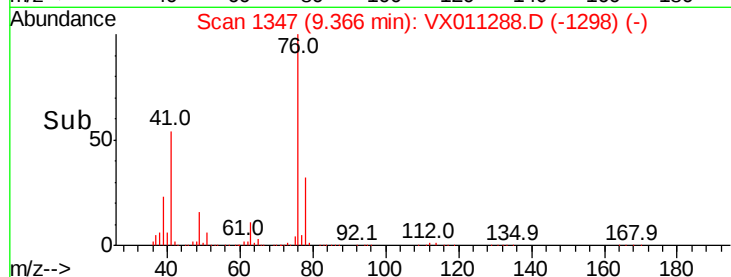
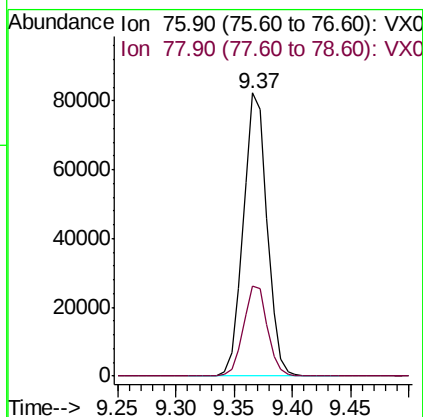
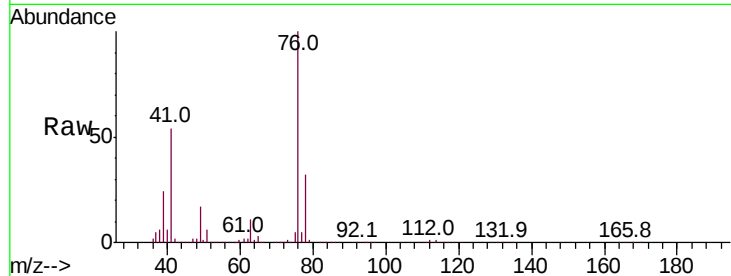
Ion Ratio Lower Upper

76 100

78 32.2 26.6 40.0

Manual Integrations
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#59

2-Hexanone

Concen: 262.073 ug/l

RT: 9.49 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VX011288.D

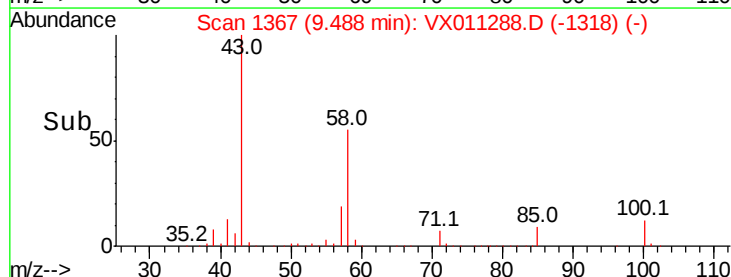
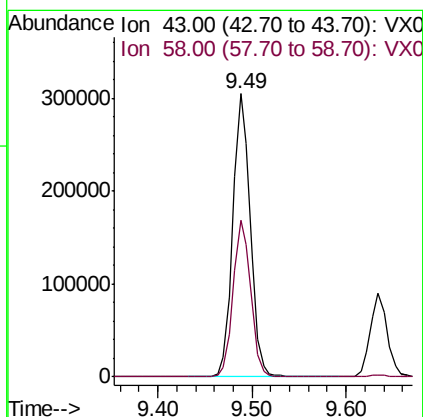
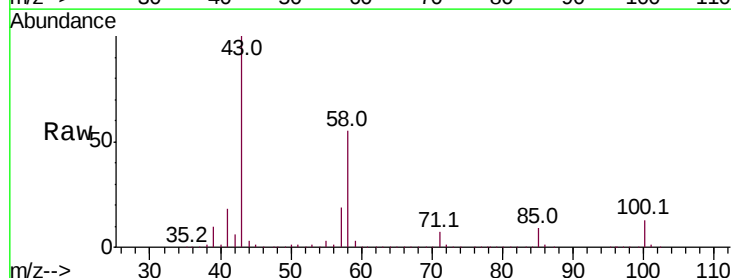
Acq: 02 Aug 2019 03:07

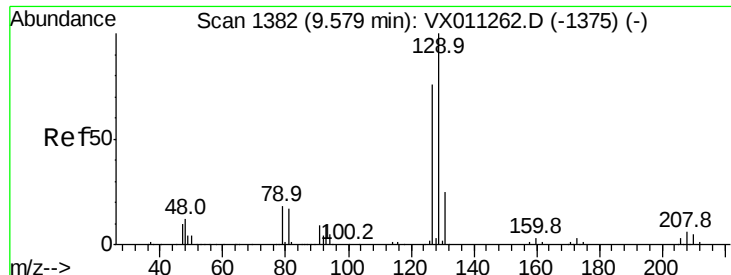
Tgt Ion: 43 Resp: 393050

Ion Ratio Lower Upper

43 100

58 55.7 28.2 84.6





#60

Dibromochloromethane

Concen: 51.913 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VX011288.D

Acq: 02 Aug 2019 03:07

Instrument :

MSVOA_X

ClientSampleId :

SA-MW127I-20190730MSD

Tot Ion:129 Resp: 80663

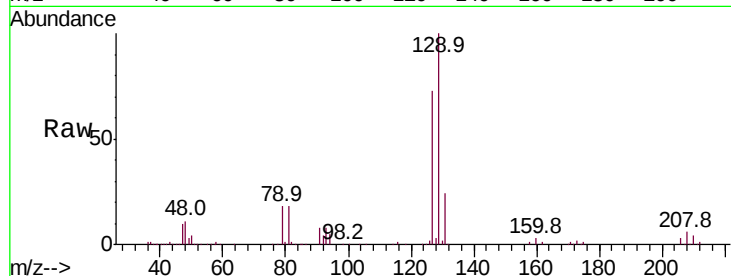
Ion Ratio Lower Upper

129 100

127 75.8 39.2 117.6

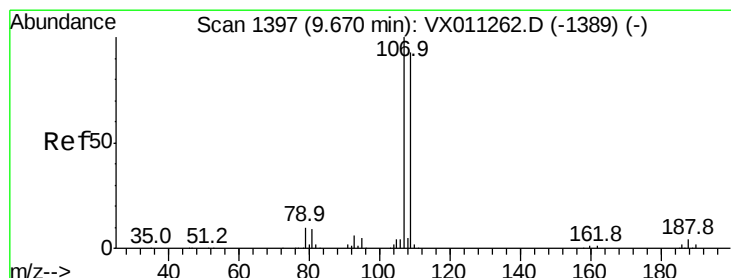
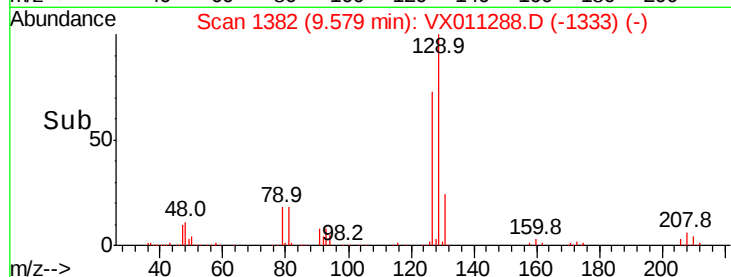
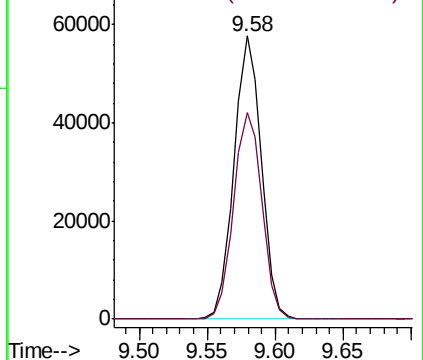
Manual Integrations
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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 49.281 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX011288.D

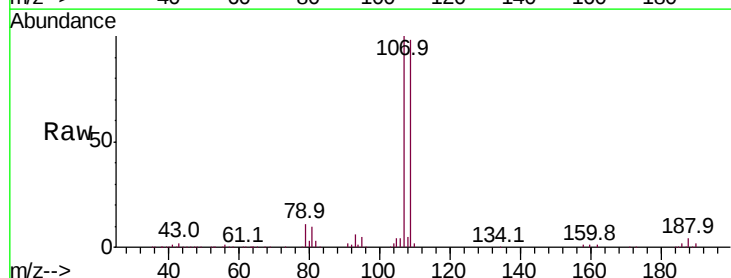
Acq: 02 Aug 2019 03:07

Tgt Ion:107 Resp: 80806

Ion Ratio Lower Upper

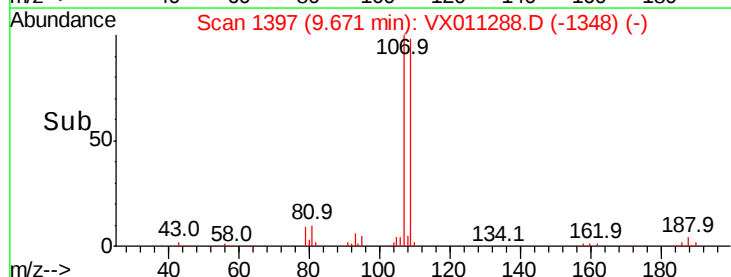
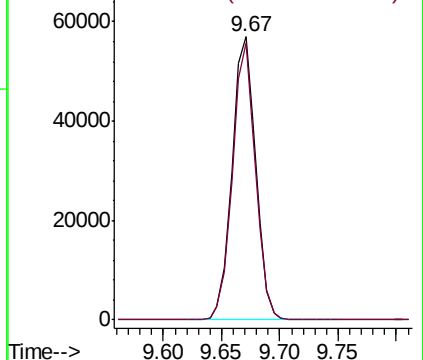
107 100

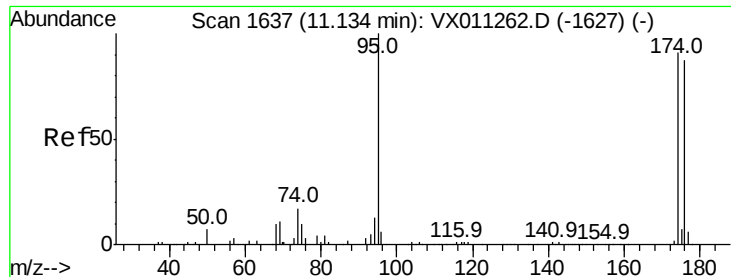
109 95.0 76.6 114.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 43.904 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011288.D

Acq: 02 Aug 2019 03:07

Instrument :

MSVOA_X

ClientSampleId :

SA-MW127I-20190730MSD

Tot Ion: 95 Resp: 82776

Ion Ratio Lower Upper

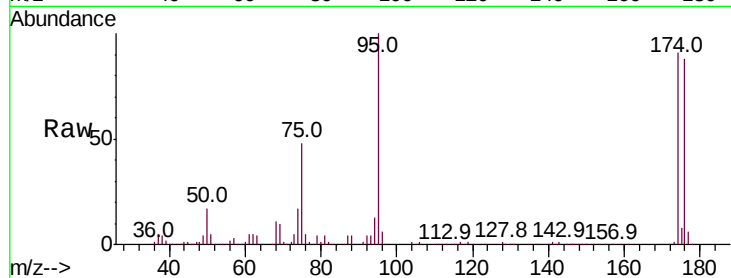
95 100

174 93.9 0.0 191.2

176 90.9 0.0 184.8

Manual Integrations
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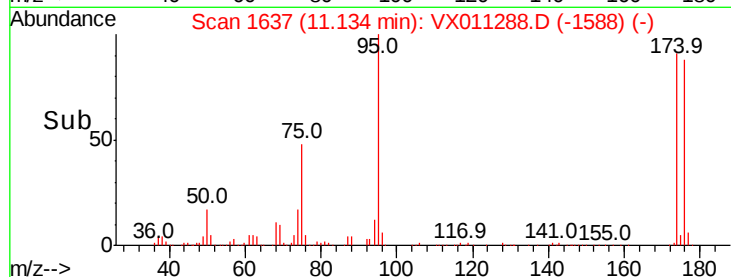


Abundance Ion 94.90 (94.60 to 95.60): VX011262.D (-1627) (-)

Ion 173.80 (173.50 to 174.50): VX011262.D (-1627) (-)

Ion 175.80 (175.50 to 176.50): VX011262.D (-1627) (-)

Time-->

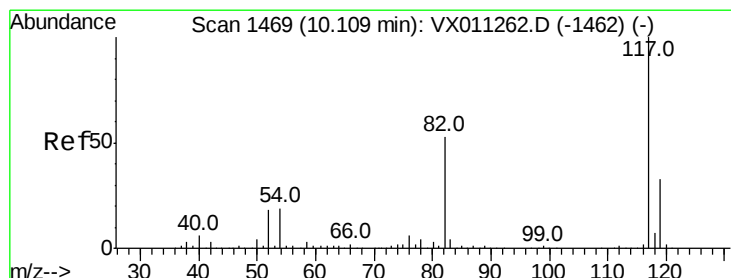


Abundance Ion 94.90 (94.60 to 95.60): VX011288.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX011288.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX011288.D (-1588) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX011288.D

Acq: 02 Aug 2019 03:07

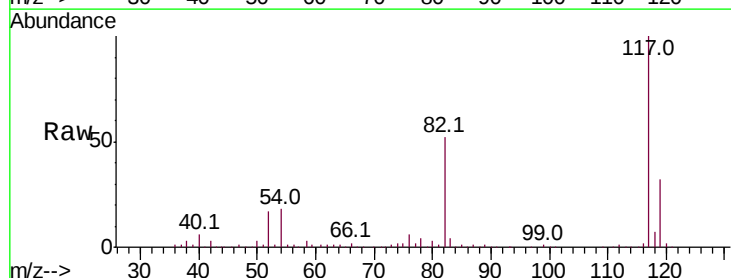
Tgt Ion: 117 Resp: 199997

Ion Ratio Lower Upper

117 100

82 52.1 42.2 63.2

119 32.2 26.6 39.8

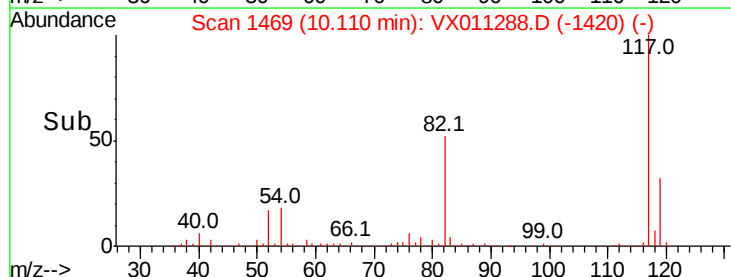


Abundance Ion 116.90 (116.60 to 117.60): VX011262.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX011262.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX011262.D (-1462) (-)

Time-->

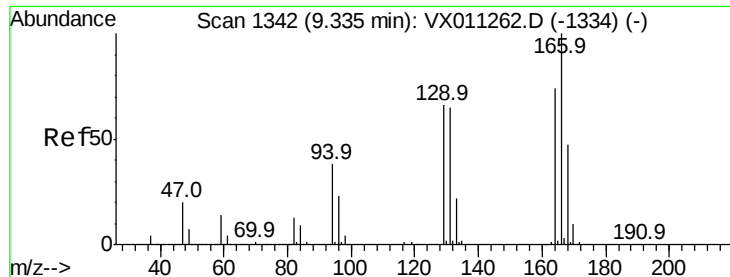


Abundance Ion 116.90 (116.60 to 117.60): VX011288.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX011288.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX011288.D (-1420) (-)

Time-->



#64

Tetrachloroethene

Concen: 45.332 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX011288.D

Acq: 02 Aug 2019 03:07

Instrument :

MSVOA_X

ClientSampleId :

SA-MW127I-20190730MSD

Tot Ion:164 Resp: 76994

Ion Ratio Lower Upper

164 100

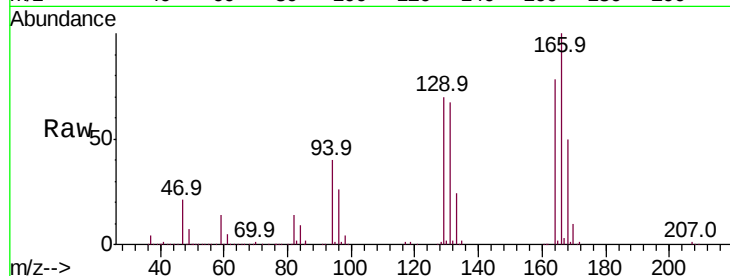
166 128.4 107.5 161.3

129 90.3 71.0 106.4

131 85.4 69.8 104.6

Manual Integrations
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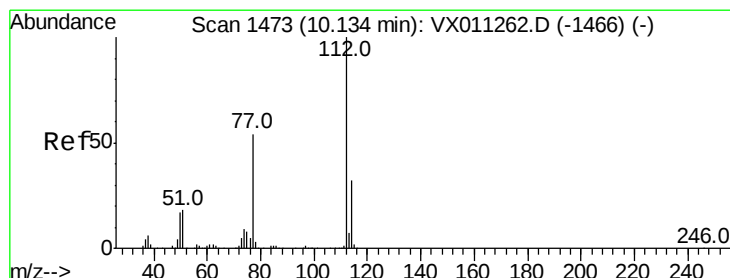
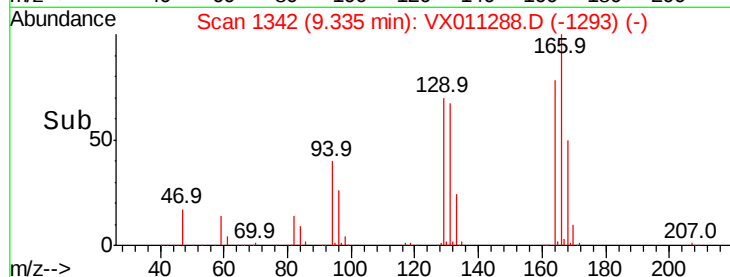
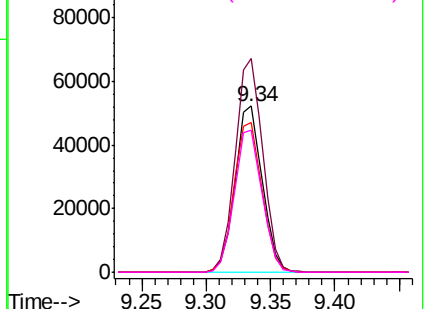
Abundance

Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 47.549 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. 0.00 min

Lab File: VX011288.D

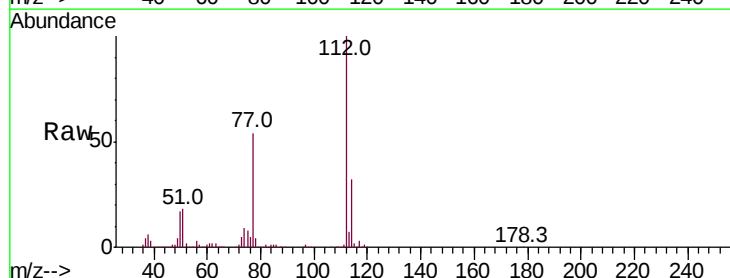
Acq: 02 Aug 2019 03:07

Tgt Ion:112 Resp: 203900

Ion Ratio Lower Upper

112 100

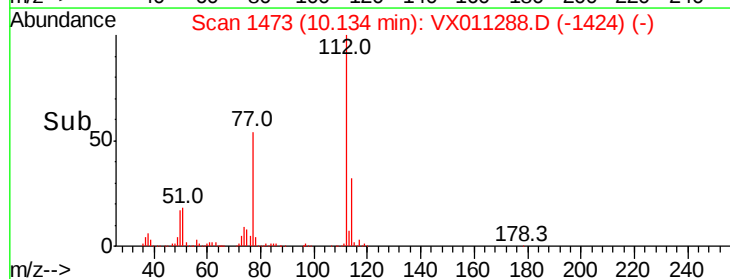
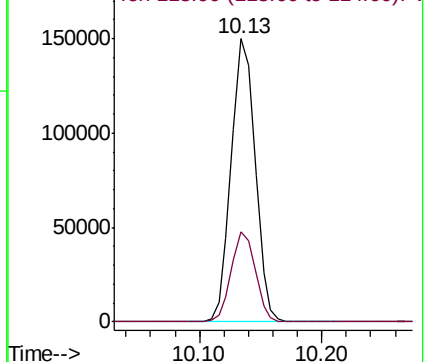
114 31.8 25.9 38.9

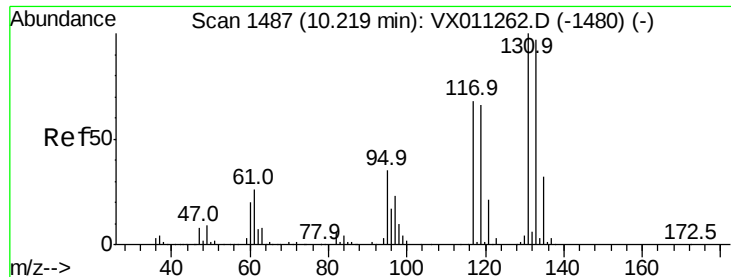


Abundance

Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 50.518 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX011288.D

Acq: 02 Aug 2019 03:07

Instrument :

MSVOA_X

ClientSampleId :

SA-MW127I-20190730MSD

Tot Ion:131 Resp: 74165

Ion Ratio Lower Upper

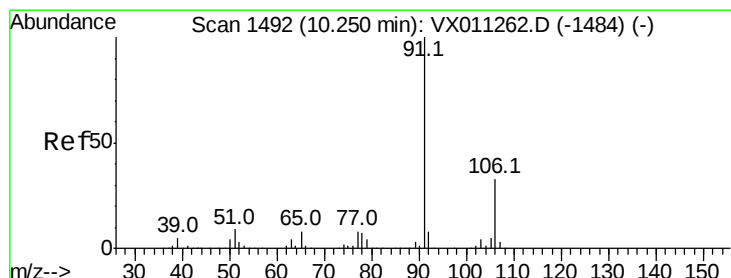
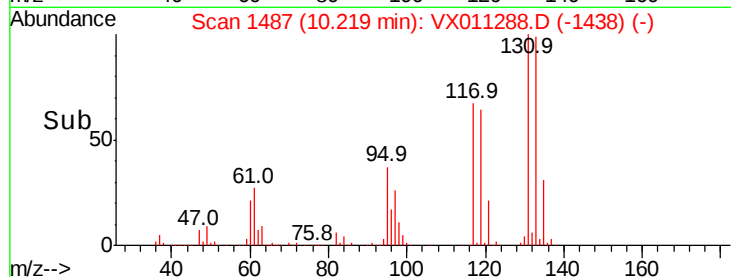
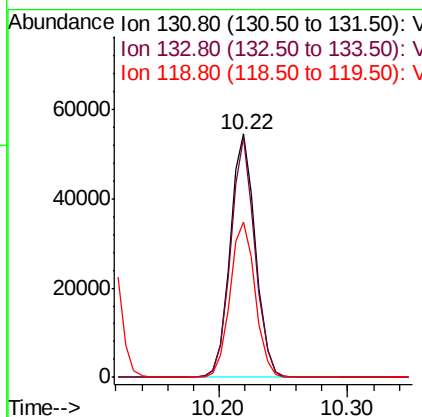
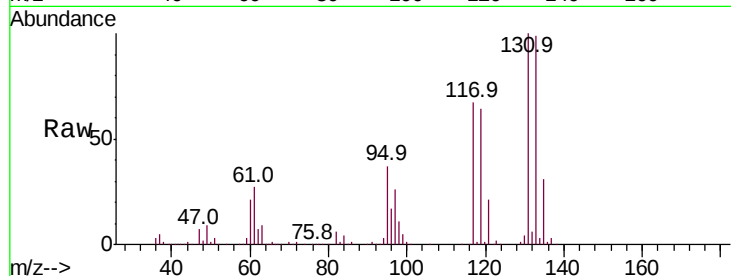
131 100

133 95.4 47.7 143.1

119 64.1 32.8 98.3

Manual Integrations
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#67

Ethyl Benzene

Concen: 48.342 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX011288.D

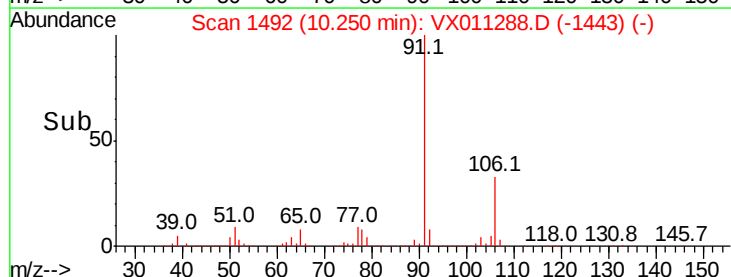
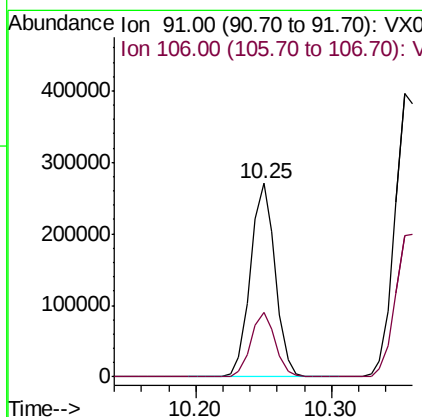
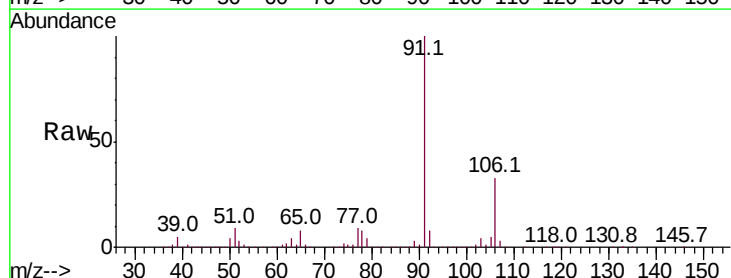
Acq: 02 Aug 2019 03:07

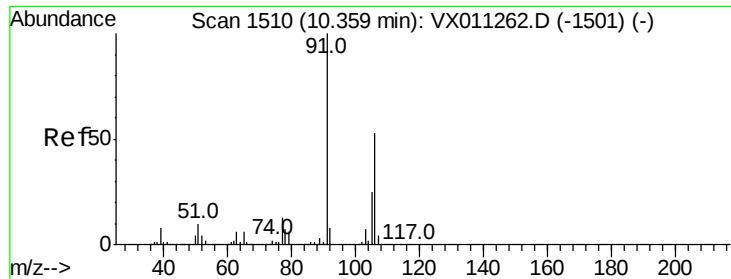
Tgt Ion: 91 Resp: 347173

Ion Ratio Lower Upper

91 100

106 33.3 26.2 39.4





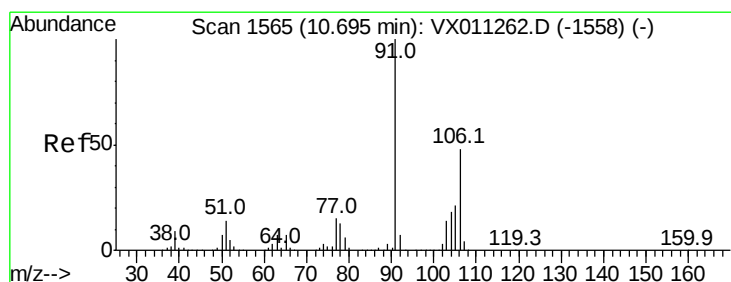
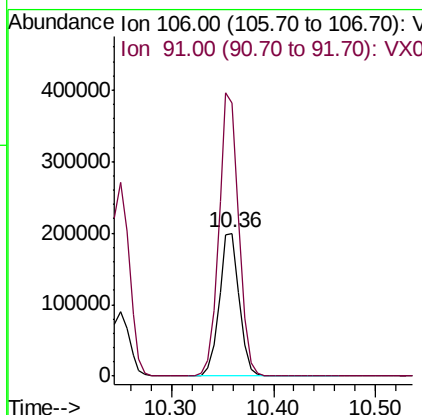
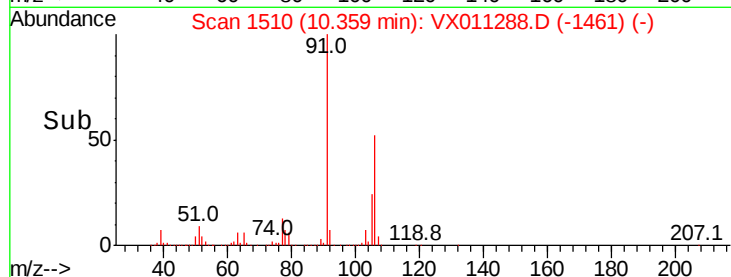
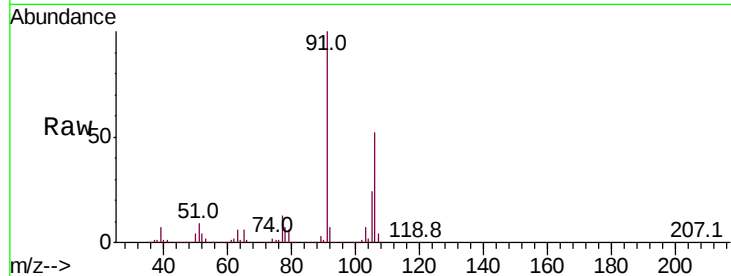
#68
m/p-Xvlenes
Concen: 98.390 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX011288.D
Acq: 02 Aug 2019 03:07

Instrument :
MSVOA_X
ClientSampleId :
SA-MW127I-20190730MSD

Tot Ion:106 Resp: 273314
Ion Ratio Lower Upper
106 100
91 196.9 155.9 233.9

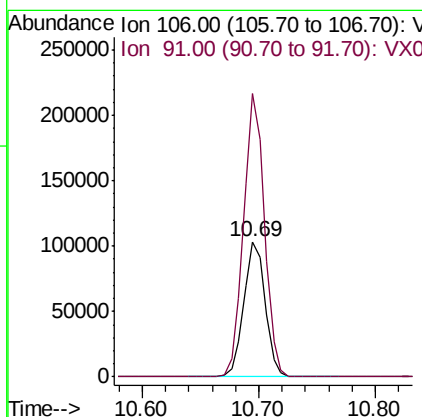
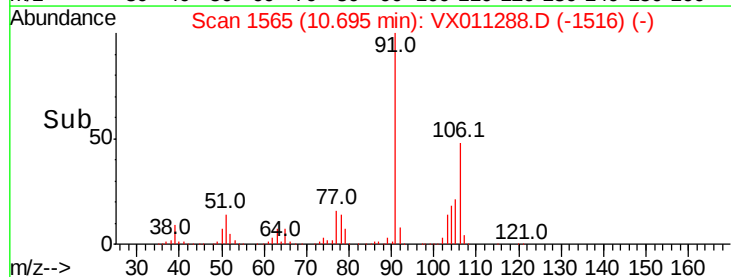
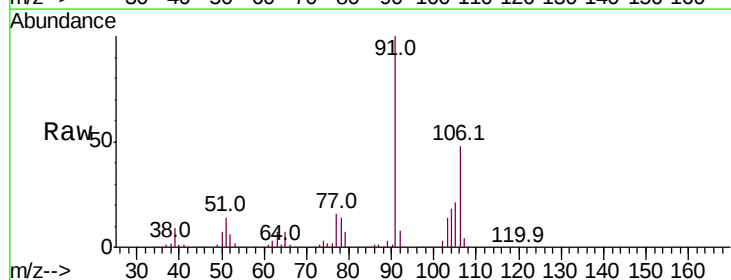
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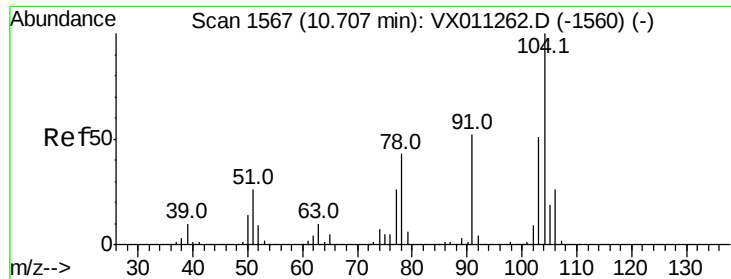
MMDadoda
8/2/2019 9:04:53 AM



#69
o-Xylene
Concen: 48.887 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011288.D
Acq: 02 Aug 2019 03:07

Tgt Ion:106 Resp: 133430
Ion Ratio Lower Upper
106 100
91 204.2 103.8 311.3





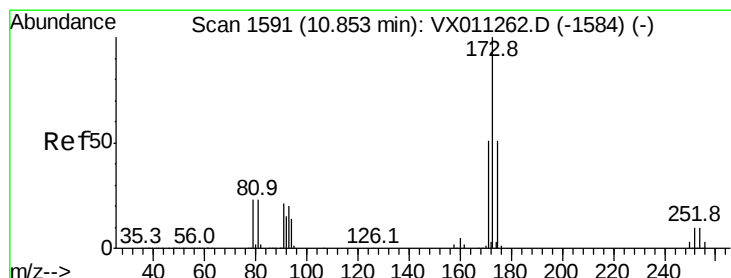
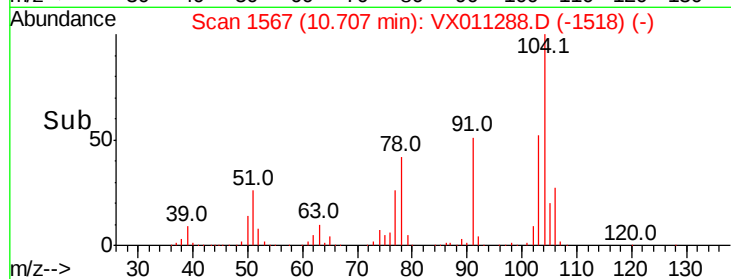
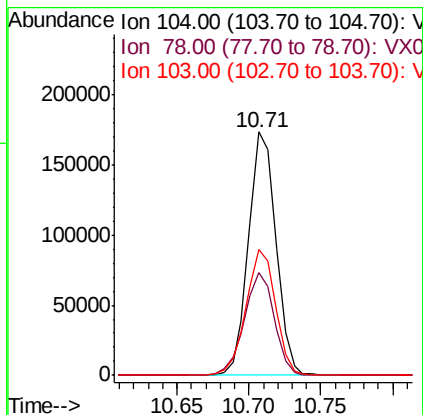
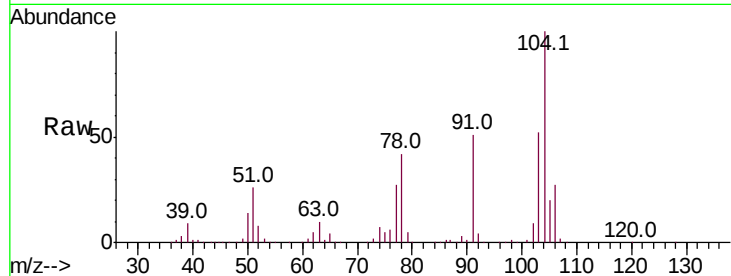
#70
Stvrene
Concen: 50.477 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX011288.D
Acq: 02 Aug 2019 03:07

Instrument :
MSVOA_X
ClientSampleId :
SA-MW127I-20190730MSD

Tot Ion	Ratio	Lower	Upper
104	100		
78	46.7	36.9	55.3
103	55.7	44.4	66.6

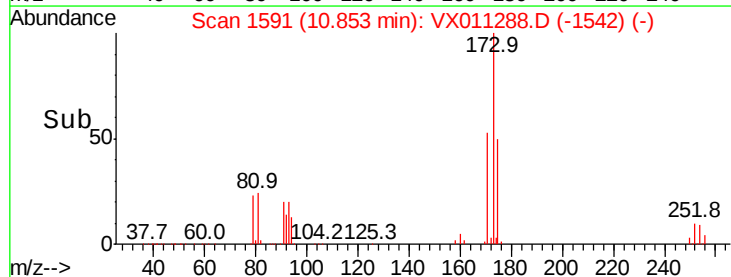
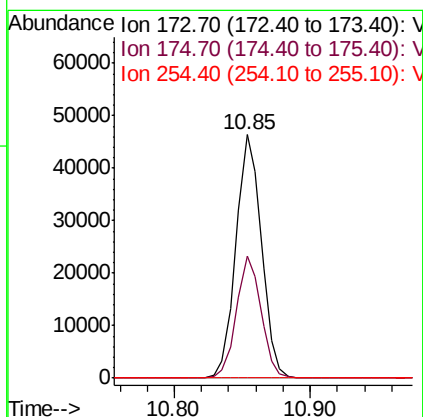
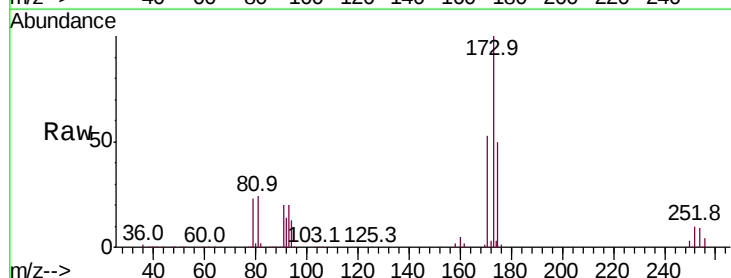
Manual Integrations
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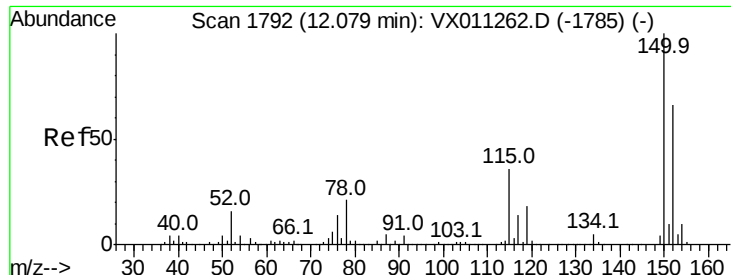
MMDadoda
8/2/2019 9:04:53 AM



#71
Bromoform
Concen: 46.416 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX011288.D
Acq: 02 Aug 2019 03:07

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.4	24.4	73.4
254	0.1	0.2	0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX011288.D

Acq: 02 Aug 2019 03:07

Instrument :

MSVOA_X

ClientSampleId :

SA-MW127I-20190730MSD

Tot Ion:152 Resp: 109395

Ion Ratio Lower Upper

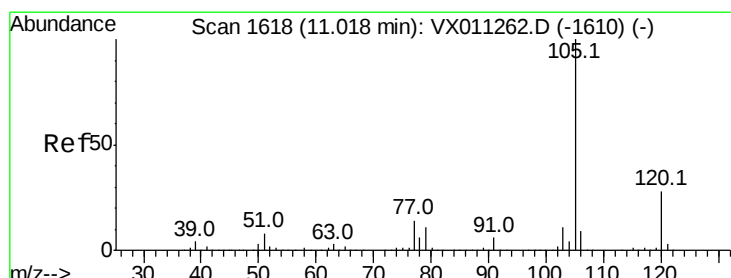
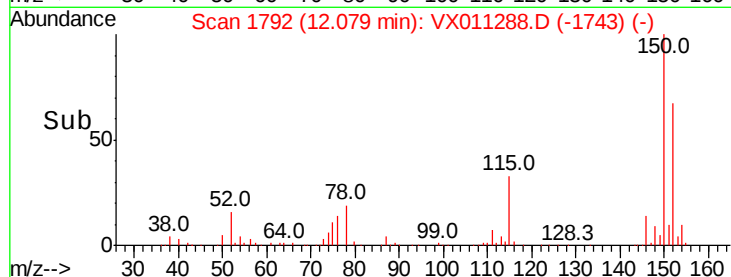
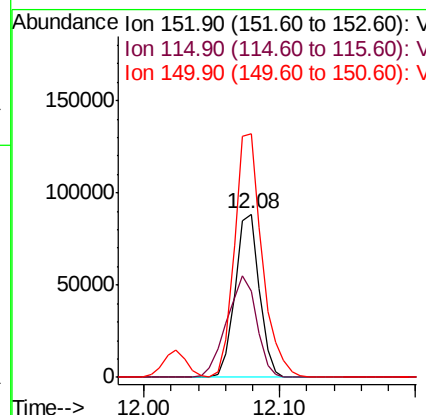
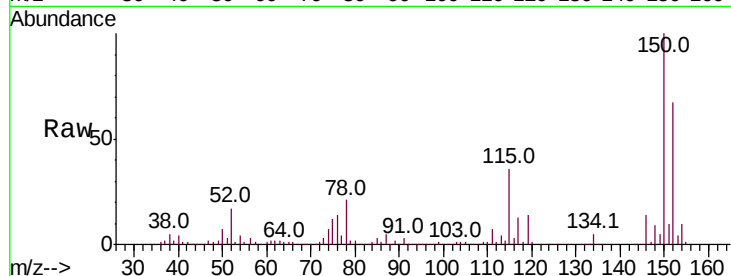
152 100

115 76.4 40.0 119.9

150 169.3 0.0 350.4

Manual Integrations
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8/2/2019 9:04:53 AM



#73

Isopropylbenzene

Concen: 47.550 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX011288.D

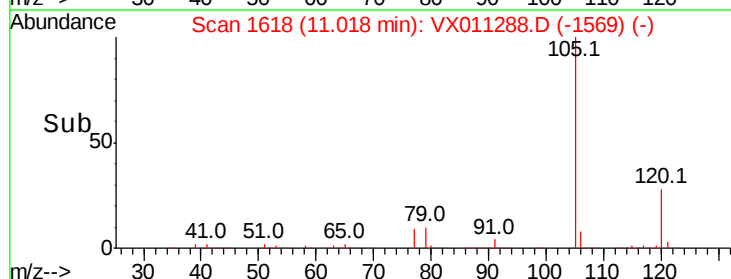
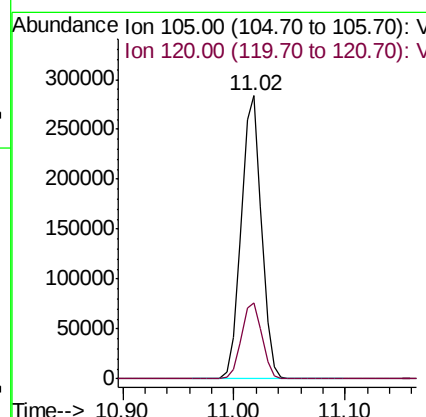
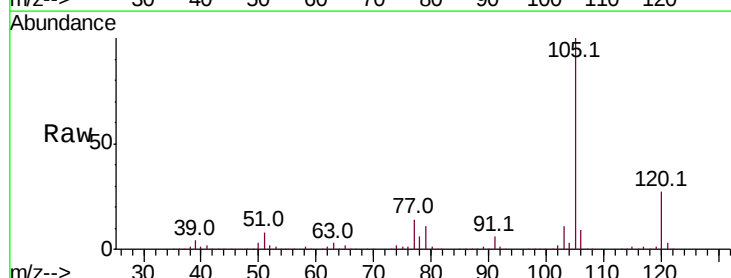
Acq: 02 Aug 2019 03:07

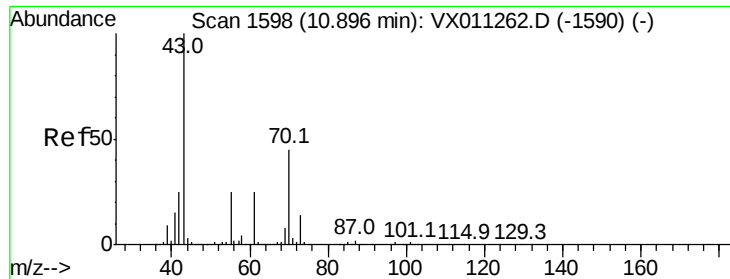
Tgt Ion:105 Resp: 355758

Ion Ratio Lower Upper

105 100

120 27.4 13.7 41.1





#74

N-amvl acetate

Concen: 41.337 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX011288.D

Acq: 02 Aug 2019 03:07

Instrument :

MSVOA_X

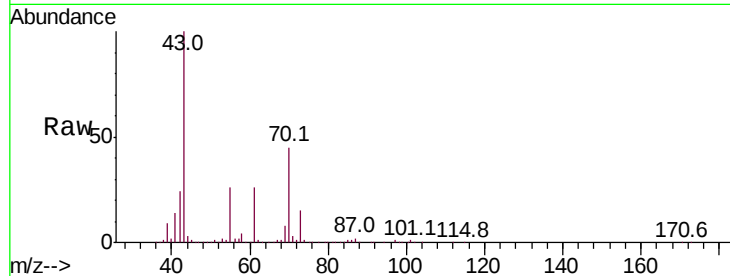
ClientSampleId :

SA-MW127I-20190730MSD

Tot Ion	43	Resp	111751
Ion Ratio	Lower	Upper	
43	100		
70	44.6	35.9	53.9
55	25.3	19.8	29.6
61	25.1	19.7	29.5

Manual Integrations
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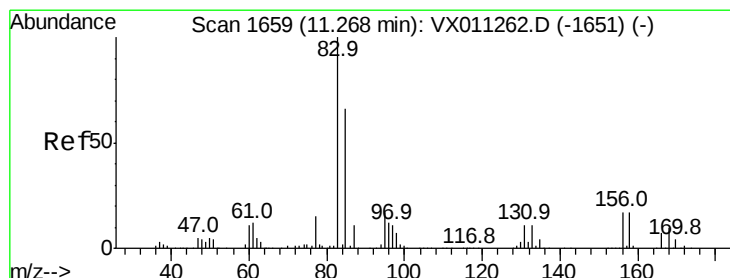
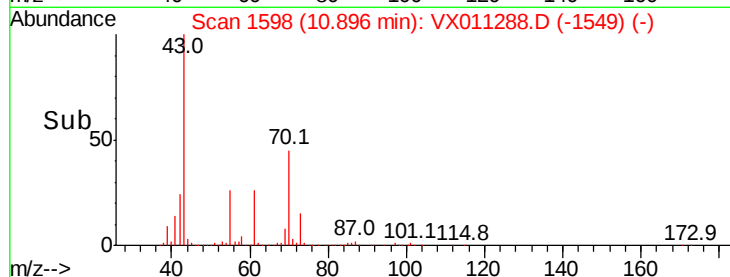
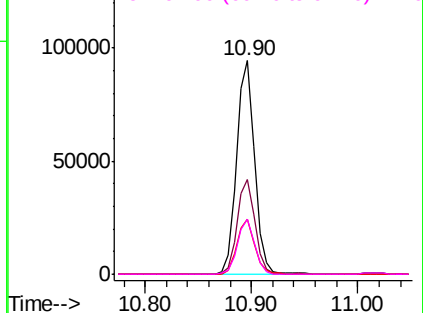


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 49.343 ug/l

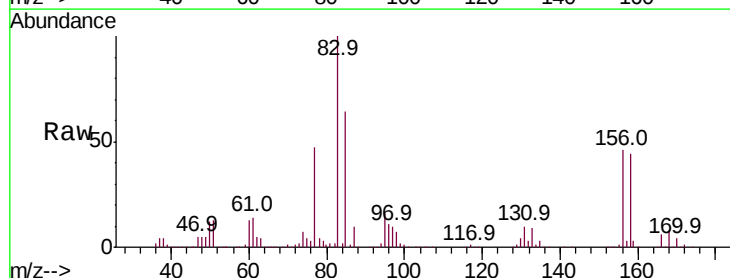
RT: 11.26 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VX011288.D

Acq: 02 Aug 2019 03:07

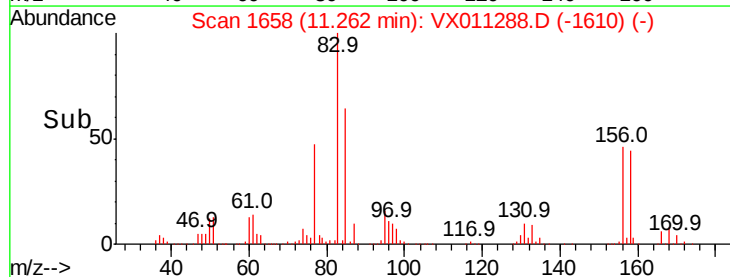
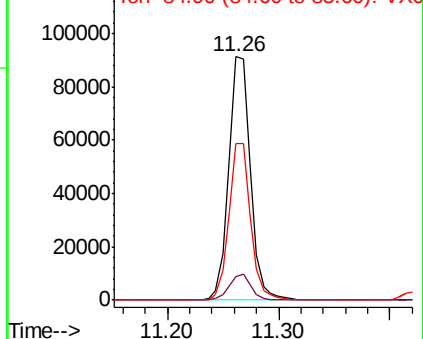
Tgt Ion	83	Resp	123029
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.6	16.8
85	64.2	32.1	96.5

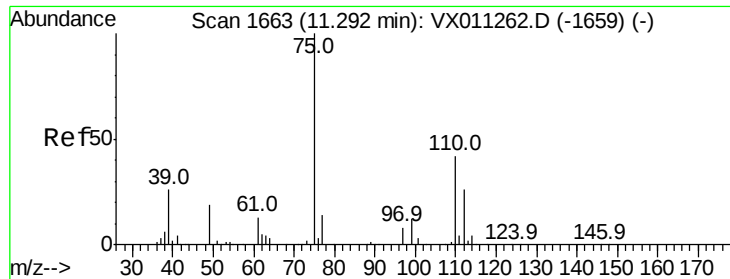


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 49.643 ug/l m

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX011288.D

Acq: 02 Aug 2019 03:07

Instrument :

MSVOA_X

ClientSampleId :

SA-MW127I-20190730MSD

Tot Ion: 75 Resp: 98900

Ion Ratio Lower Upper

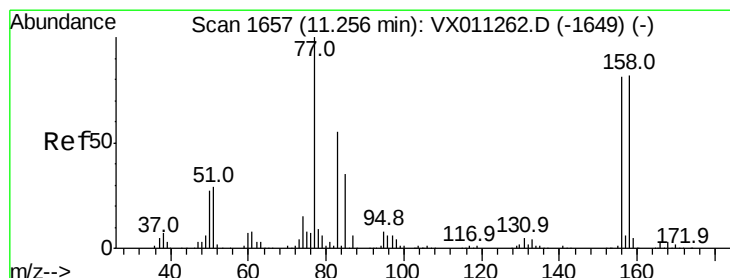
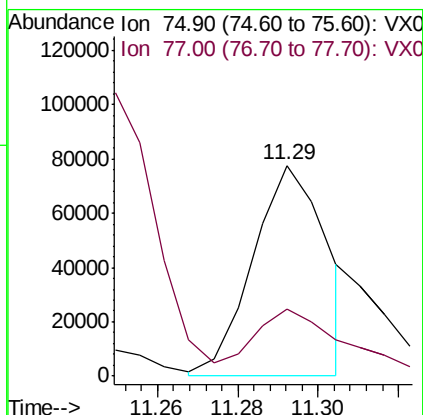
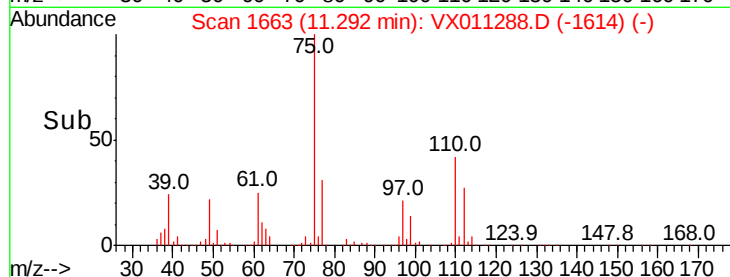
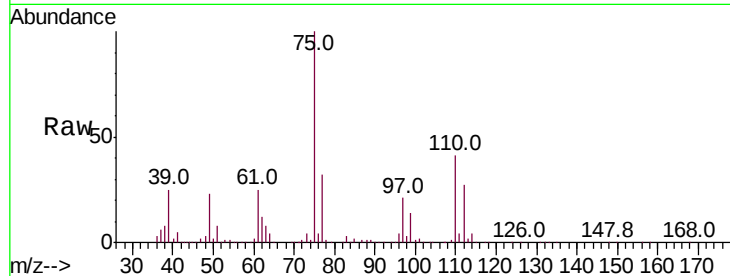
75 100

77 39.8 21.1 63.4

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#77

Bromobenzene

Concen: 47.777 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX011288.D

Acq: 02 Aug 2019 03:07

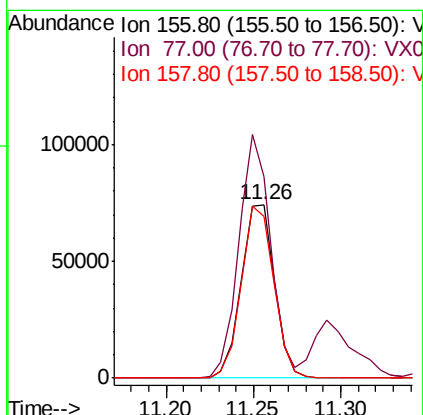
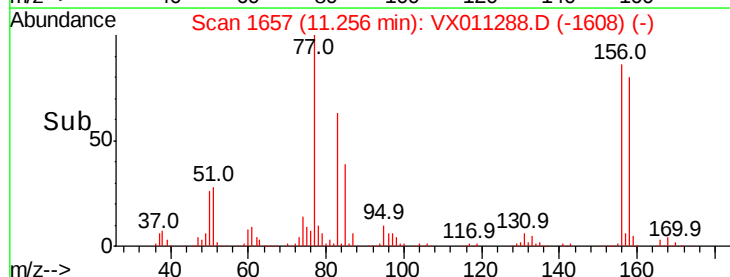
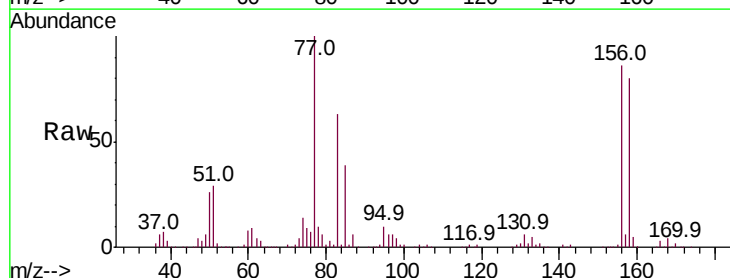
Tgt Ion: 156 Resp: 99121

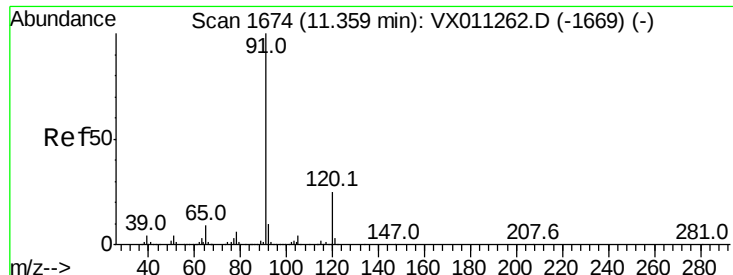
Ion Ratio Lower Upper

156 100

77 133.2 66.2 198.6

158 96.5 49.1 147.3





#78

n-propylbenzene

Concen: 47.592 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX011288.D

Acq: 02 Aug 2019 03:07

Instrument :

MSVOA_X

ClientSampleId :

SA-MW127I-20190730MSD

Tot Ion: 91 Resp: 395976

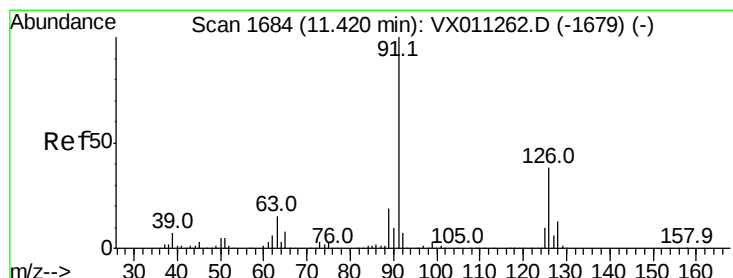
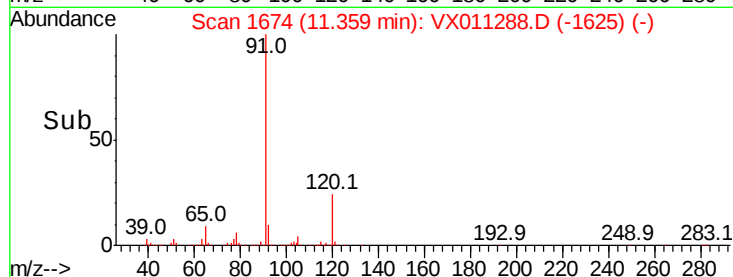
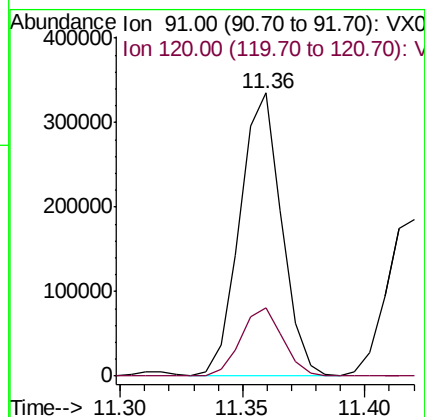
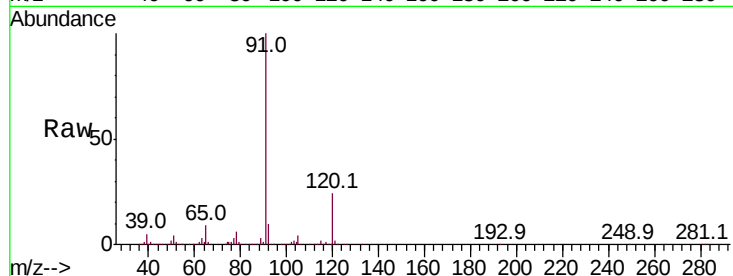
Ion Ratio Lower Upper

91 100

120 24.2 12.4 37.0

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#79

2-Chlorotoluene

Concen: 47.729 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX011288.D

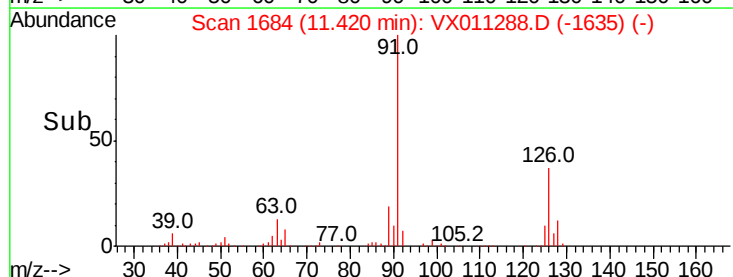
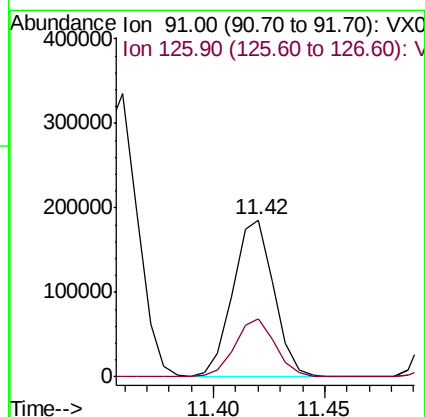
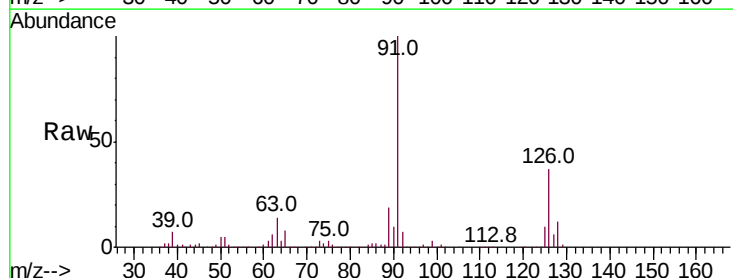
Acq: 02 Aug 2019 03:07

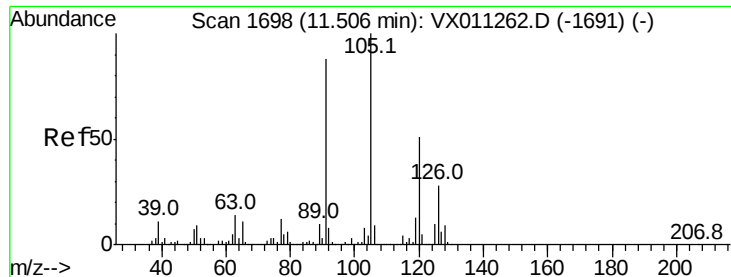
Tgt Ion: 91 Resp: 236694

Ion Ratio Lower Upper

91 100

126 36.6 18.5 55.5





#80

1,3,5-Trimethylbenzene

Concen: 48.007 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011288.D

Acq: 02 Aug 2019 03:07

Instrument :

MSVOA_X

ClientSampleId :

SA-MW127I-20190730MSD

Tot Ion:105 Resp: 300670

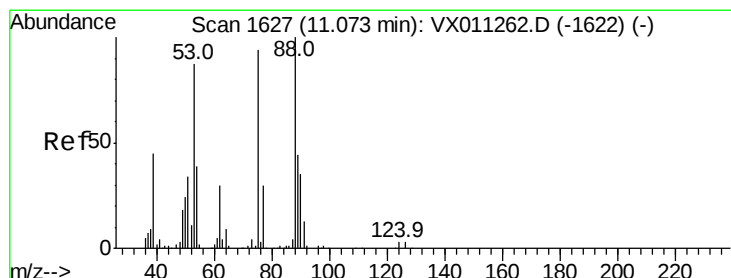
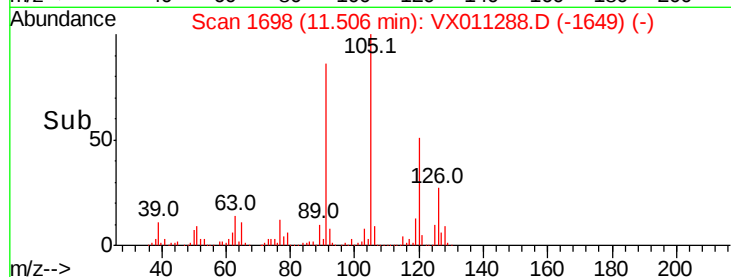
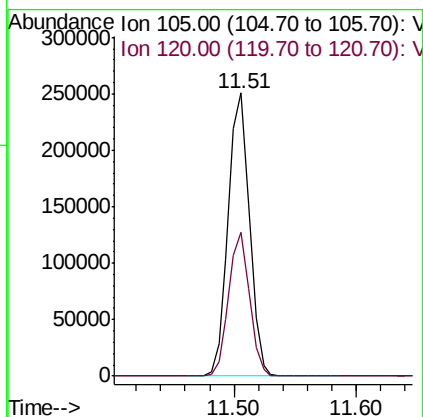
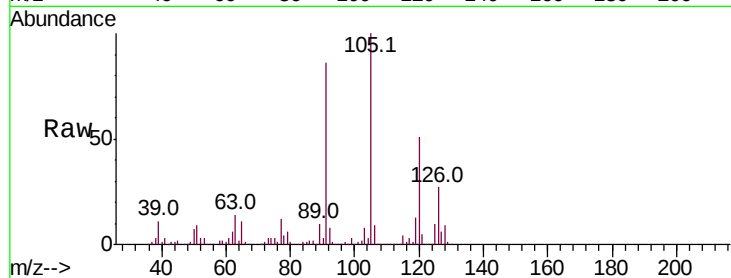
Ion Ratio Lower Upper

105 100

120 50.0 25.1 75.2

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#81

trans-1,4-Dichloro-2-butene

Concen: 41.045 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX011288.D

Acq: 02 Aug 2019 03:07

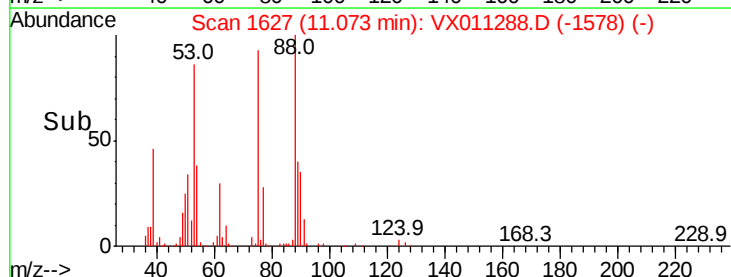
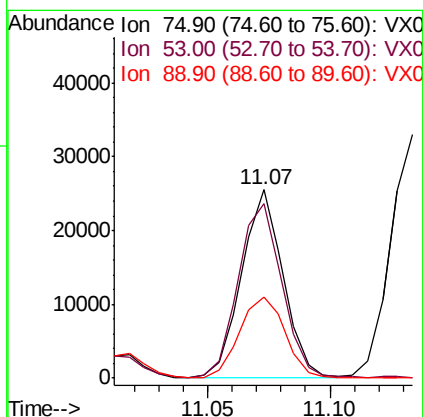
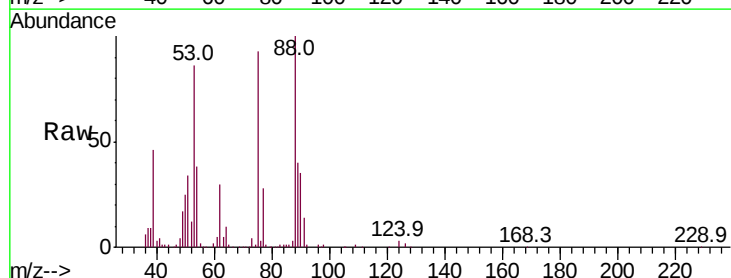
Tgt Ion: 75 Resp: 29957

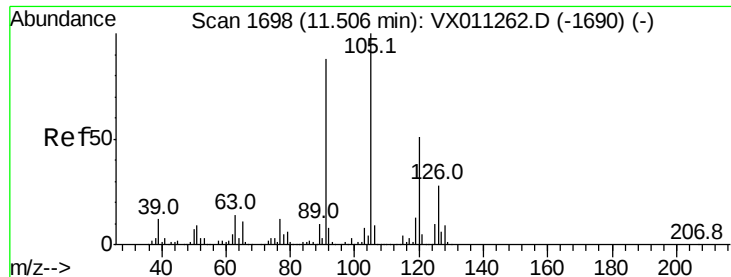
Ion Ratio Lower Upper

75 100

53 97.1 78.2 117.4

89 47.3 37.9 56.9





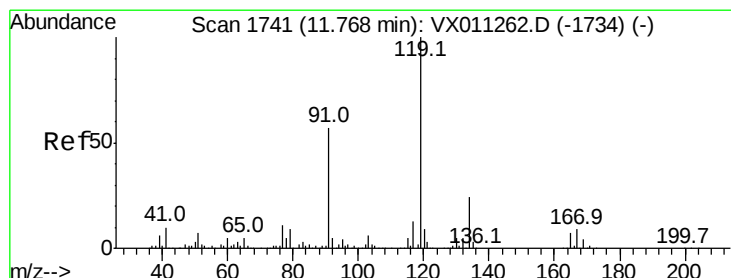
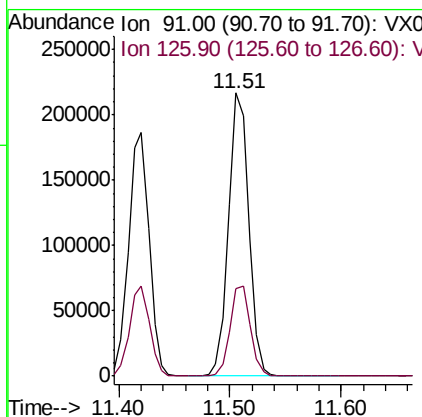
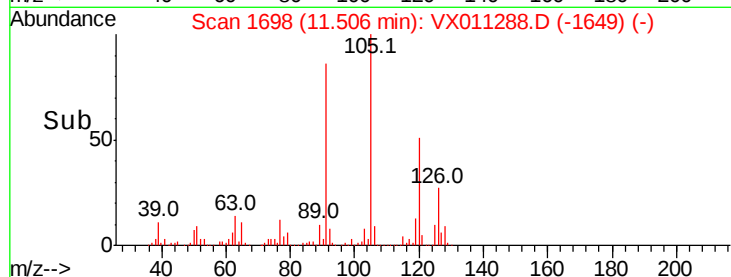
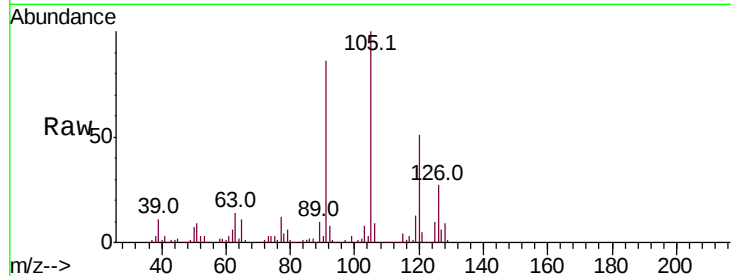
#82
4-Chlorotoluene
Concen: 47.191 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX011288.D
Acq: 02 Aug 2019 03:07

Instrument :
MSVOA_X
ClientSampleId :
SA-MW127I-20190730MSD

Tot Ion	Ratio	Lower	Upper
91	100		
126	31.9	16.4	49.2

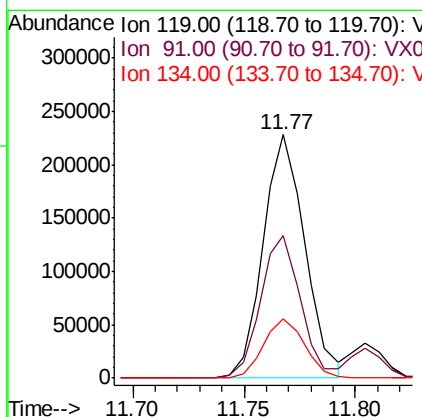
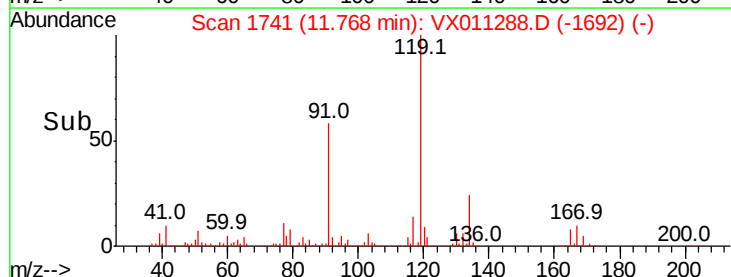
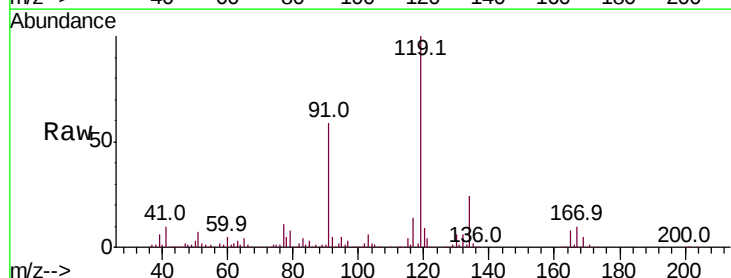
Manual Integrations
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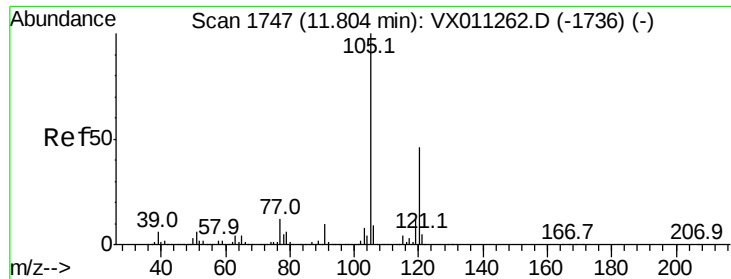
MMDadoda
8/2/2019 9:04:53 AM



#83
tert-Butylbenzene
Concen: 48.249 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX011288.D
Acq: 02 Aug 2019 03:07

Tgt Ion	Ratio	Lower	Upper
119	100		
91	56.5	28.0	84.0
134	24.0	11.9	35.5





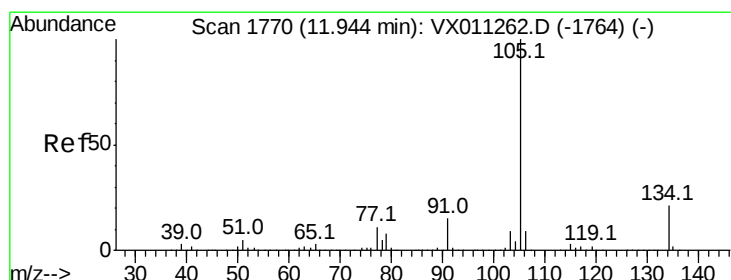
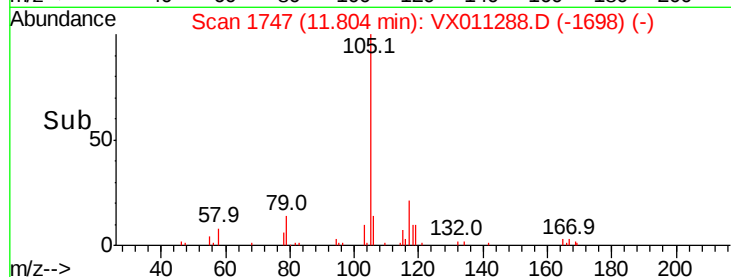
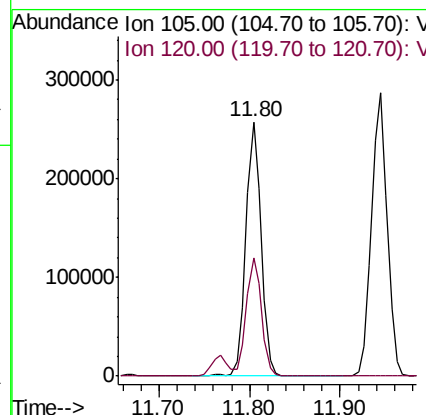
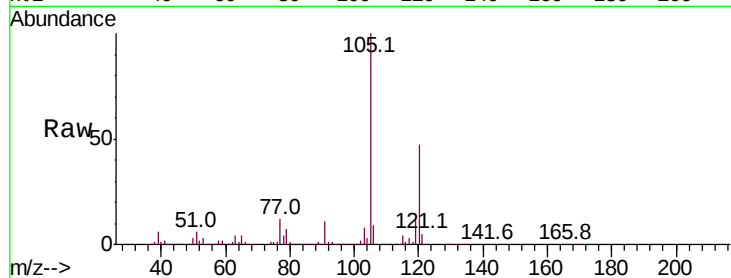
#84
1,2,4-Trimethylbenzene
Concen: 48.340 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX011288.D
Acq: 02 Aug 2019 03:07

Instrument :
MSVOA_X
ClientSampleId :
SA-MW127I-20190730MSD

Tot Ion	Ratio	Lower	Upper
105	100		
120	46.6	23.0	69.0

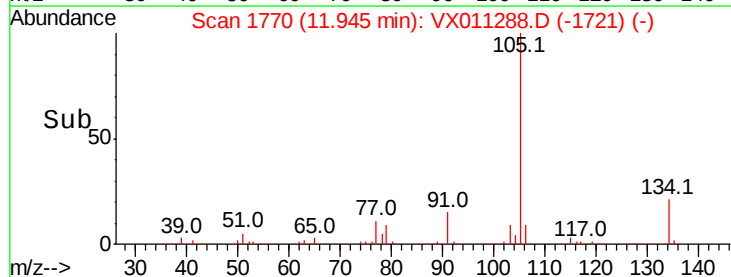
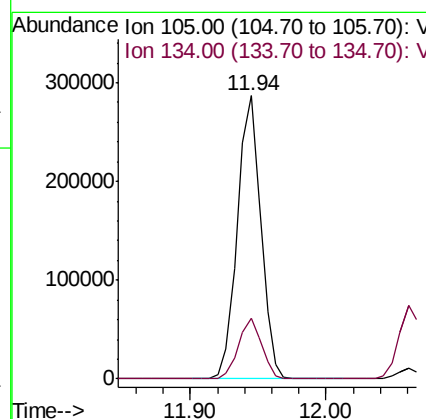
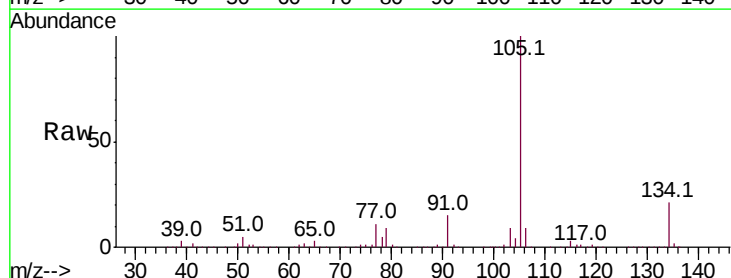
Manual Integrations
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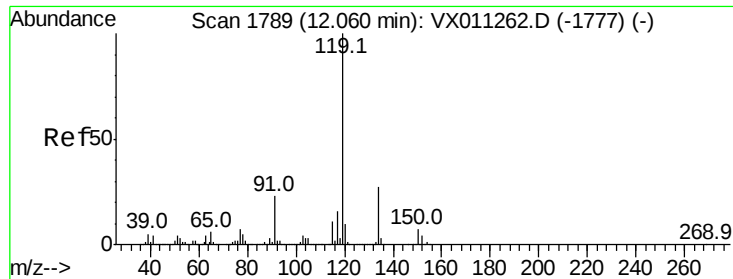
MMDadoda
8/2/2019 9:04:53 AM



#85
sec-Butylbenzene
Concen: 46.672 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. 0.00 min
Lab File: VX011288.D
Acq: 02 Aug 2019 03:07

Tgt Ion	Ratio	Lower	Upper
105	100		
134	21.1	10.4	31.4





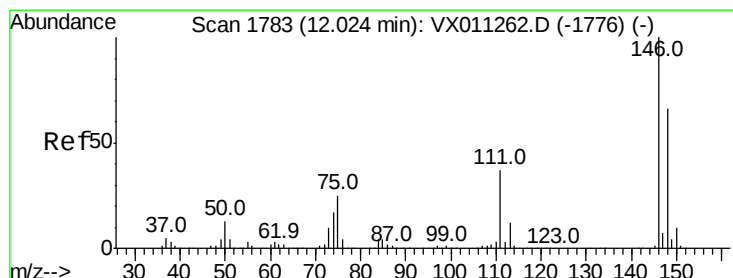
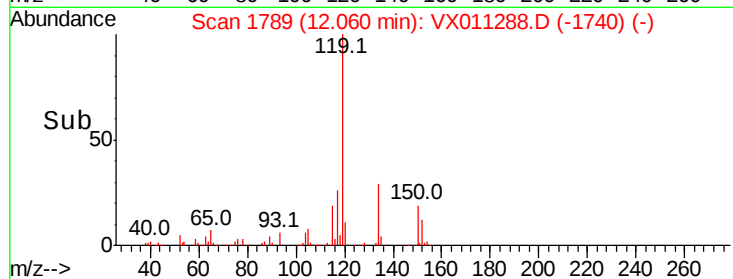
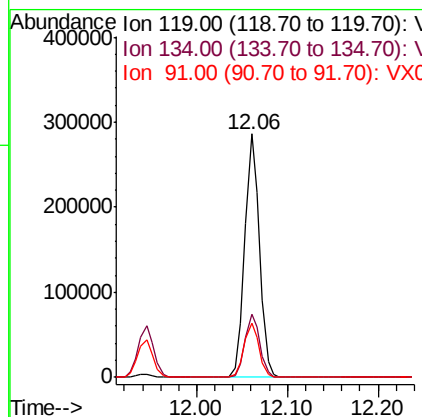
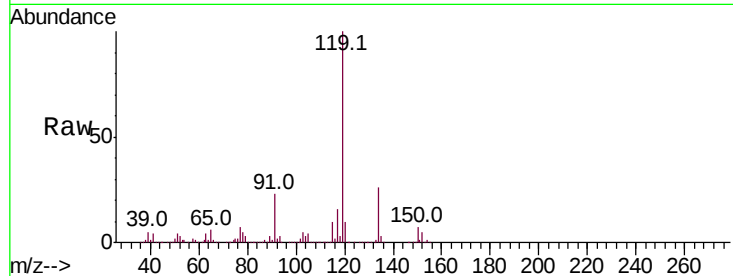
#86
 p-Isopropyltoluene
 Concen: 47.298 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX011288.D
 Acq: 02 Aug 2019 03:07

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-MW127I-20190730MSD

Tot Ion	Ratio	Resp	Lower	Upper
119	100	321130		
134	26.6		13.7	41.0
91	22.9		11.4	34.2

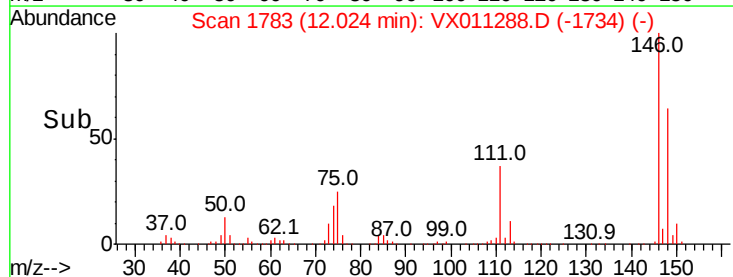
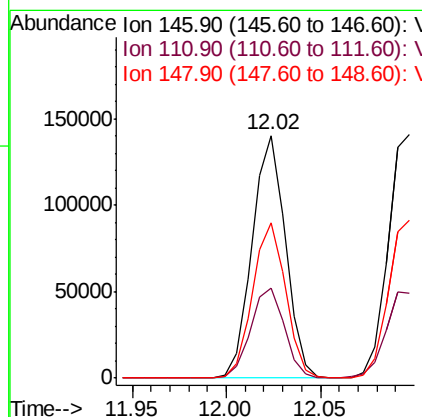
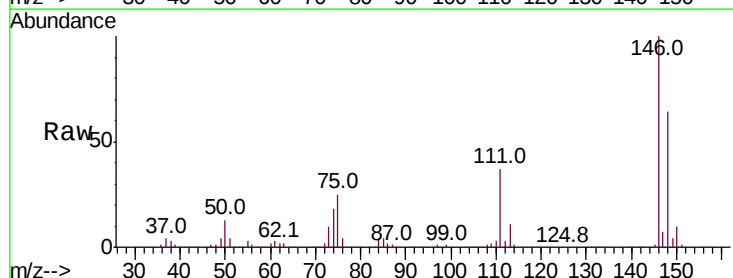
Manual Integrations
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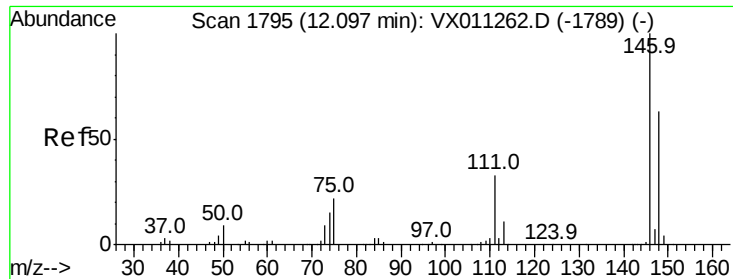
MMDadoda
 8/2/2019 9:04:53 AM



#87
 1,3-Dichlorobenzene
 Concen: 47.088 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX011288.D
 Acq: 02 Aug 2019 03:07

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	172613		
111	37.7		18.6	55.8
148	63.3		32.5	97.5





#88

1,4-Dichlorobenzene

Concen: 45.992 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX011288.D

Acq: 02 Aug 2019 03:07

Instrument :

MSVOA_X

ClientSampleId :

SA-MW127I-20190730MSD

Tot Ion:146 Resp: 173848

Ion Ratio Lower Upper

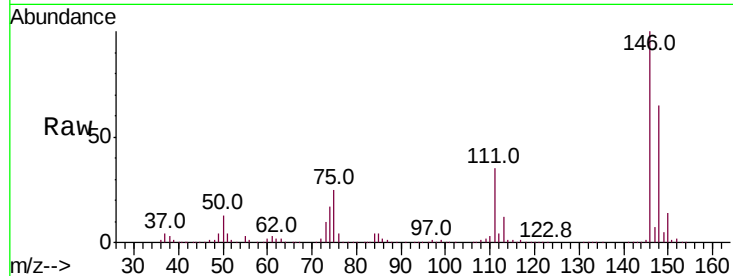
146 100

111 37.2 17.8 53.4

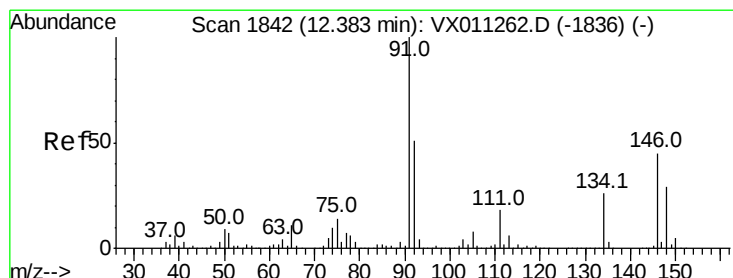
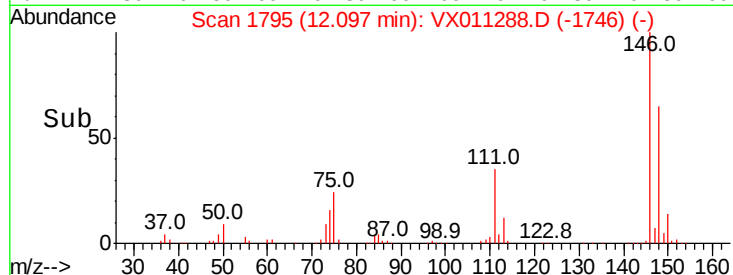
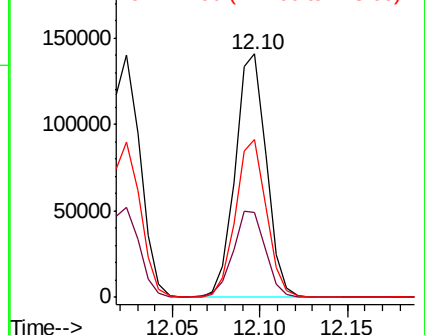
148 64.5 31.8 95.3

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Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 46.005 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX011288.D

Acq: 02 Aug 2019 03:07

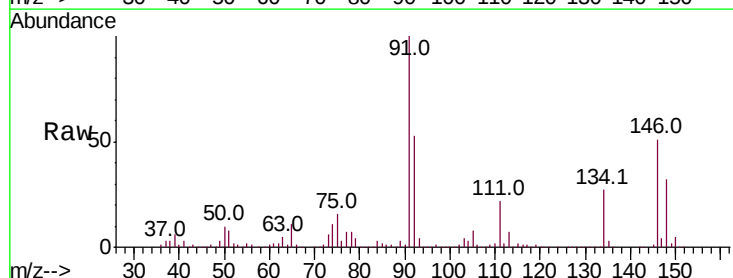
Tgt Ion: 91 Resp: 269100

Ion Ratio Lower Upper

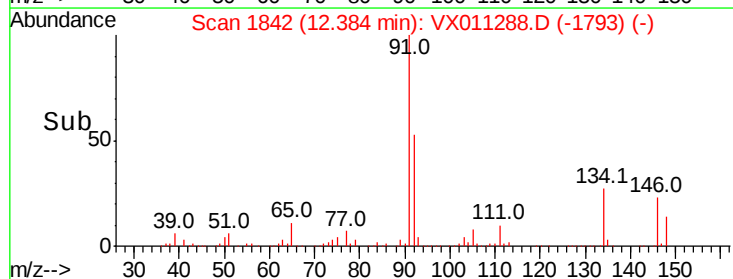
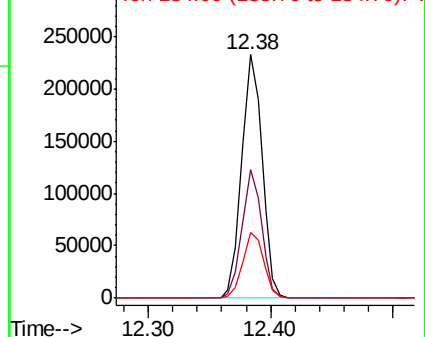
91 100

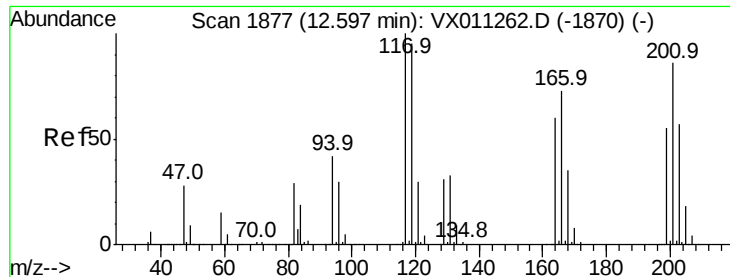
92 50.7 25.8 77.3

134 27.4 13.7 41.0



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0
Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 49.362 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX011288.D

Acq: 02 Aug 2019 03:07

Instrument :

MSVOA_X

ClientSampleId :

SA-MW127I-20190730MSD

Tot Ion:117 Resp: 49549

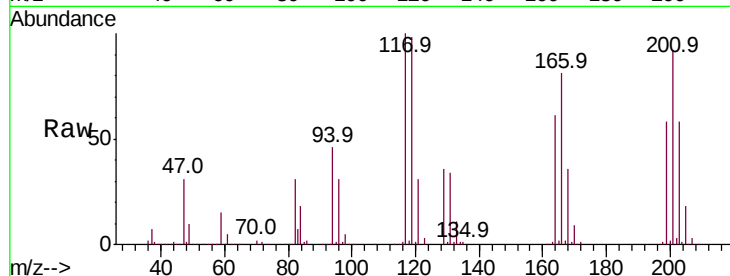
Ion Ratio Lower Upper

117 100

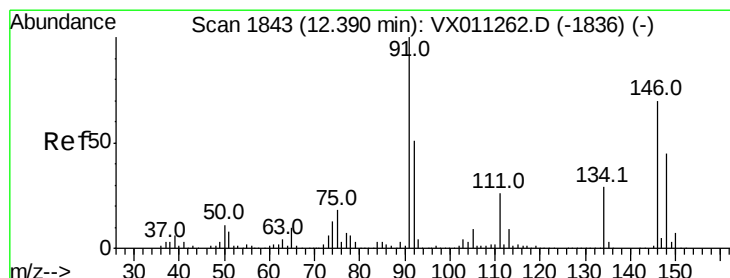
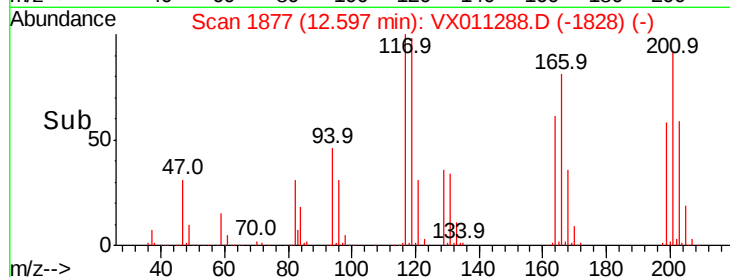
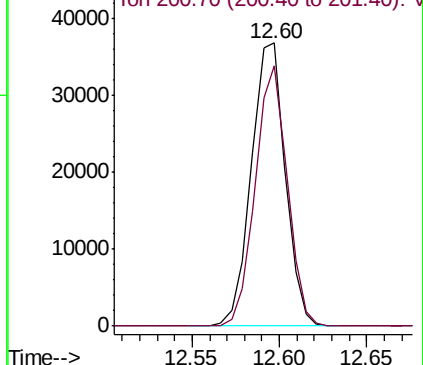
201 86.6 41.8 125.4

Manual Integrations
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8/2/2019 9:04:53 AM



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 47.466 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX011288.D

Acq: 02 Aug 2019 03:07

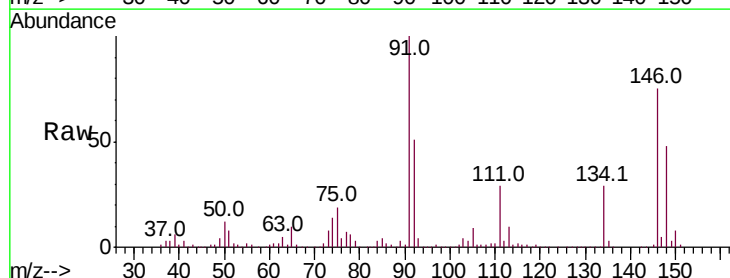
Tgt Ion:146 Resp: 174828

Ion Ratio Lower Upper

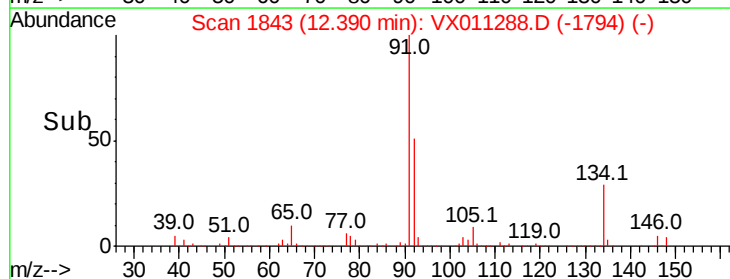
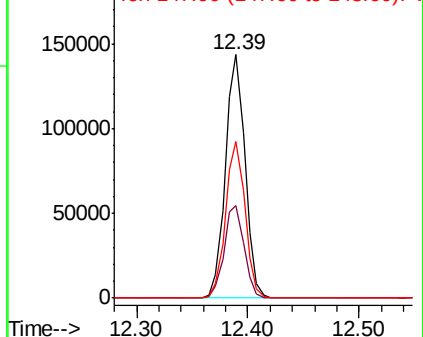
146 100

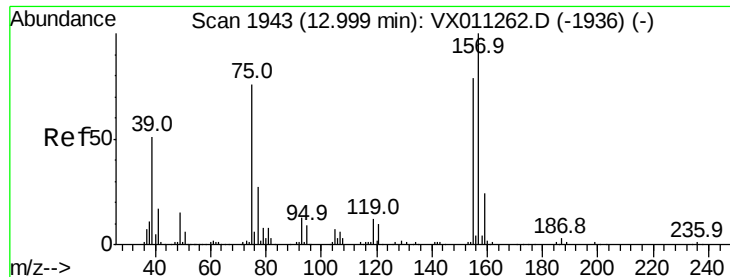
111 38.7 19.1 57.1

148 63.5 32.3 96.8



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V





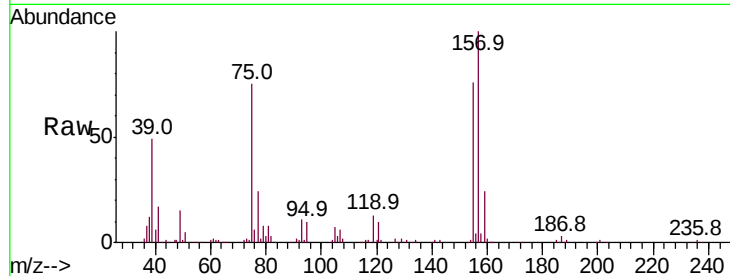
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.869 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX011288.D
 Acq: 02 Aug 2019 03:07

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-MW127I-20190730MSD

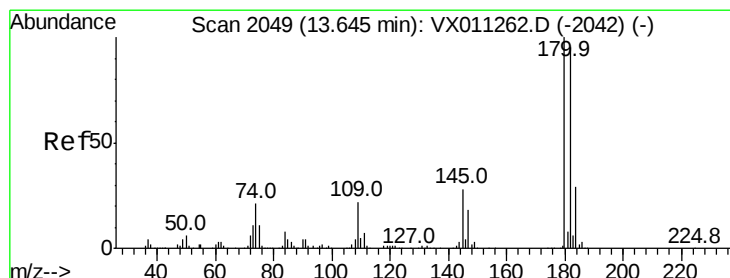
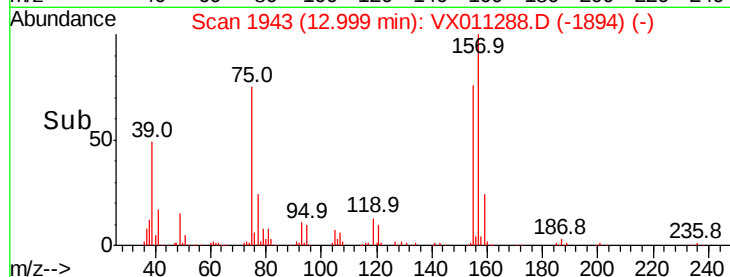
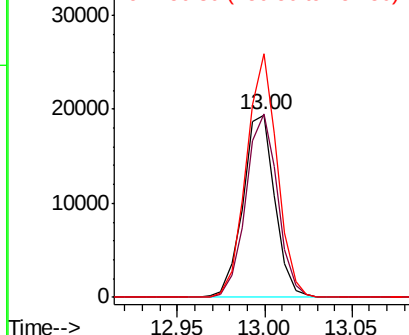
Tot Ion	Ratio	Lower	Upper
75	100		
155	99.7	51.9	155.8
157	128.8	64.3	192.7

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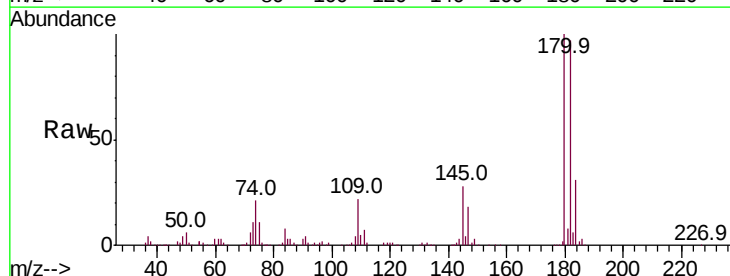


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

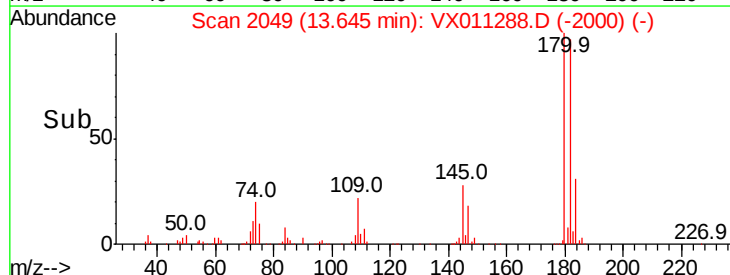
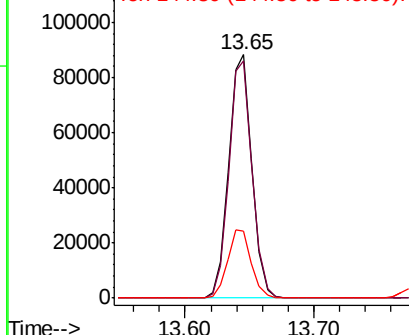


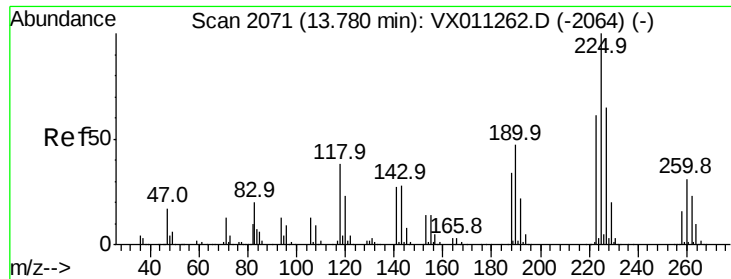
#93
 1,2,4-Trichlorobenzene
 Concen: 45.503 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX011288.D
 Acq: 02 Aug 2019 03:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.6	47.8	143.4
145	28.8	14.8	44.3



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 43.596 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VX011288.D

Acq: 02 Aug 2019 03:07

Instrument :

MSVOA_X

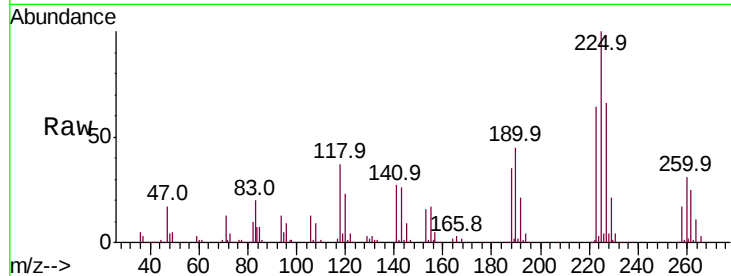
ClientSampleId :

SA-MW127I-20190730MSD

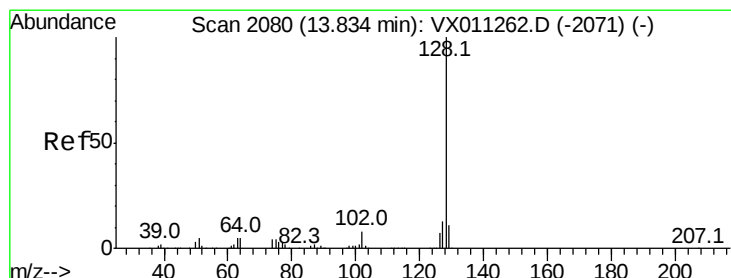
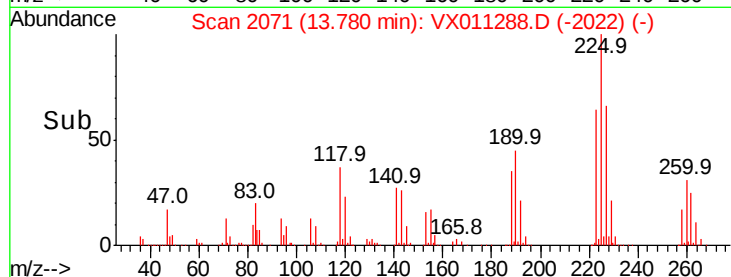
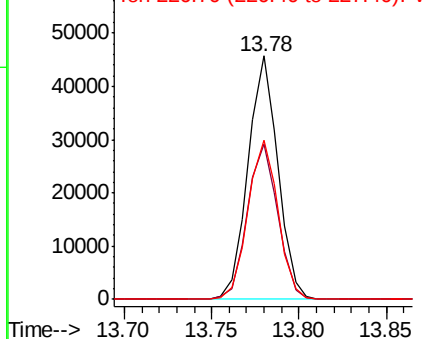
Tot Ion:	225	Resp:	54029
Ion Ratio	Lower	Upper	
225	100		
223	64.9	31.0	93.0
227	66.0	32.2	96.6

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Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 49.925 ug/l

RT: 13.83 min Scan# 2080

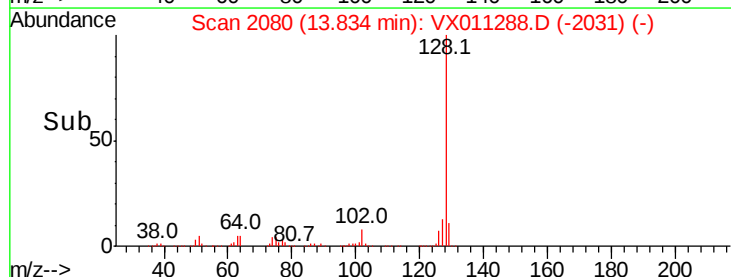
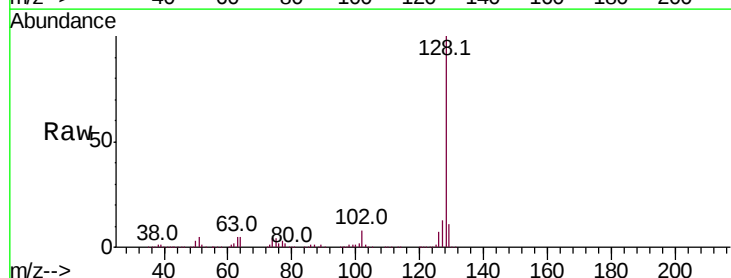
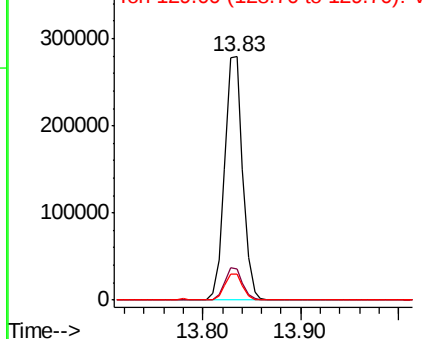
Delta R.T. 0.00 min

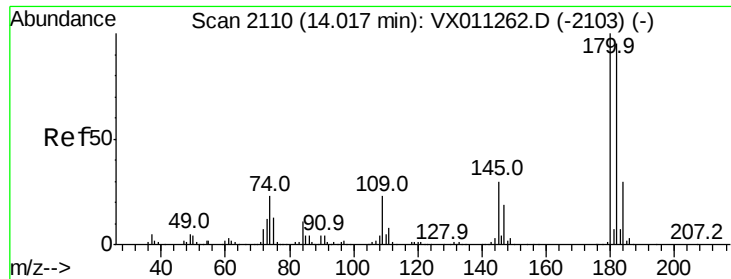
Lab File: VX011288.D

Acq: 02 Aug 2019 03:07

Tgt Ion:	128	Resp:	356632
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.4	15.6
129	10.8	8.9	13.3

Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 46.649 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. 0.00 min
 Lab File: VX011288.D
 Acq: 02 Aug 2019 03:07

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-MW127I-20190730MSD

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.2	47.4	142.3	
145	30.3	15.2	45.6	

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