

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082919\
 Data File : VX011898.D
 Acq On : 30 Aug 2019 04:28
 Operator : SY/SP
 Sample : VX0829SBS01
 Misc : 5.00g/5.0mL/MSVOA X/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0829SBS01

Manual Integrations
 APPROVED

MMDadoda
 9/3/2019 2:39:24 AM

Quant Time: Aug 30 06:29:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082919S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 01:59:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	314944	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	477066	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	455202	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	261814	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	178893	59.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.58%	
35) Dibromofluoromethane	5.48	113	161949	52.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.88%	
50) Toluene-d8	8.71	98	579028	52.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.90%	
62) 4-Bromofluorobenzene	11.13	95	240267	50.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.18%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	37576	19.768	ug/l 97
3) Chloromethane	1.31	50	47210	21.425	ug/l 98
4) Vinyl Chloride	1.40	62	42212	20.061	ug/l 98
5) Bromomethane	1.62	94	33714	23.157	ug/l 100
6) Chloroethane	1.70	64	27833	21.254	ug/l 95
7) Trichlorofluoromethane	1.91	101	71258	19.500	ug/l 98
8) Diethyl Ether	2.18	74	28597	22.771	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	45810	19.234	ug/l 100
10) Methyl Iodide	2.50	142	37187	16.926	ug/l 99
11) Tert butyl alcohol	3.03	59	34574	119.097	ug/l 99
12) 1,1-Dichloroethene	2.35	96	44074	19.925	ug/l 95
13) Acrolein	2.28	56	16577	114.728	ug/l 100
14) Allyl chloride	2.71	41	88704	21.378	ug/l 99
15) Acrylonitrile	3.13	53	81619	118.318	ug/l 100
16) Acetone	2.43	43	68252	105.127	ug/l 99
17) Carbon Disulfide	2.56	76	124029	19.548	ug/l 99
18) Methyl Acetate	2.76	43	43104	23.984	ug/l 100
19) Methyl tert-butyl Ether	3.18	73	168684	23.539	ug/l 100
20) Methylene Chloride	2.84	84	68764	22.080	ug/l 96
21) trans-1,2-Dichloroethene	3.15	96	56230	21.580	ug/l 97
22) Diisopropyl ether	3.84	45	196412	23.187	ug/l 99
23) Vinyl Acetate	3.80	43	620925	114.012	ug/l 99
24) 1,1-Dichloroethane	3.68	63	104020	22.268	ug/l 99
25) 2-Butanone	4.66	43	108756	115.015	ug/l 100
26) 2,2-Dichloropropane	4.56	77	75426	19.252	ug/l 99
27) cis-1,2-Dichloroethene	4.58	96	70415	22.943	ug/l 98
28) Bromochloromethane	5.00	49	45962	21.928	ug/l 99
29) Tetrahydrofuran	5.12	42	69808	118.278	ug/l 98
30) Chloroform	5.20	83	113279	22.680	ug/l 95
31) Cyclohexane	5.56	56	73678	19.555	ug/l 97
32) 1,1,1-Trichloroethane	5.48	97	93759	21.132	ug/l 100
36) 1,1-Dichloropropene	5.79	75	69416	18.366	ug/l 99
37) Ethyl Acetate	4.82	43	48794	21.810	ug/l 98
38) Carbon Tetrachloride	5.77	117	80999	18.479	ug/l 97

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	79370	17.631	ug/l	95
40) Benzene	6.13	78	230783	20.456	ug/l	98
41) Methacrylonitrile	5.03	41	28777	21.846	ug/l	97
42) 1,2-Dichloroethane	6.18	62	83060	21.650	ug/l	100
43) Isopropyl Acetate	6.43	43	98306	21.673	ug/l	99
44) Trichloroethene	7.21	130	69981	20.049	ug/l	99
45) 1,2-Dichloropropane	7.51	63	62556	21.198	ug/l	97
46) Dibromomethane	7.65	93	37340	21.321	ug/l	99
47) Bromodichloromethane	7.89	83	92802	21.369	ug/l	100
48) Methyl methacrylate	7.76	41	48365	21.915	ug/l	99
49) 1,4-Dioxane	7.74	88	13292	437.971	ug/l #	95
51) 4-Methyl-2-Pentanone	8.63	43	251953	109.342	ug/l	100
52) Toluene	8.78	92	154152	20.654	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	91256	20.514	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	102269	20.480	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	54987	21.446	ug/l	99
56) Ethyl methacrylate	9.17	69	76118	21.391	ug/l	100
57) 1,3-Dichloropropane	9.37	76	92095	21.641	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.31	63	172683	101.886	ug/l	99
59) 2-Hexanone	9.49	43	175511	107.227	ug/l	100
60) Dibromochloromethane	9.58	129	74088	21.515	ug/l	99
61) 1,2-Dibromoethane	9.66	107	54803	21.559	ug/l	99
64) Tetrachloroethene	9.33	164	75949	20.742	ug/l	98
65) Chlorobenzene	10.13	112	180509	20.463	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	74594	20.911	ug/l	99
67) Ethyl Benzene	10.25	91	298839	19.916	ug/l	100
68) m/p-Xylenes	10.35	106	230426	39.770	ug/l	99
69) o-Xylene	10.69	106	115624	20.479	ug/l	99
70) Styrene	10.71	104	204310	20.530	ug/l	100
71) Bromoform	10.85	173	53455	21.193	ug/l #	100
73) Isopropylbenzene	11.01	105	297344	19.766	ug/l	99
74) N-amyl acetate	10.89	43	93452	20.933	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	11.26	83	65444	21.257	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	56027m	21.754	ug/l	
77) Bromobenzene	11.25	156	91986	21.084	ug/l	99
78) n-propylbenzene	11.35	91	335168	19.648	ug/l	100
79) 2-Chlorotoluene	11.41	91	210912	20.541	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	261254	20.120	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	19816	19.329	ug/l	99
82) 4-Chlorotoluene	11.51	91	253423	20.459	ug/l	100
83) tert-Butylbenzene	11.77	119	258895	19.650	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	269272	20.235	ug/l	100
85) sec-Butylbenzene	11.94	105	294164	19.222	ug/l	99
86) p-Isopropyltoluene	12.06	119	287581	19.380	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	167068	20.604	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	168706	20.581	ug/l	99
89) n-Butylbenzene	12.38	91	243319	18.534	ug/l	100
90) Hexachloroethane	12.59	117	57943	20.183	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	158600	21.038	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	13186	21.501	ug/l	99

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ClientSampleId :
VX0829SBSD01

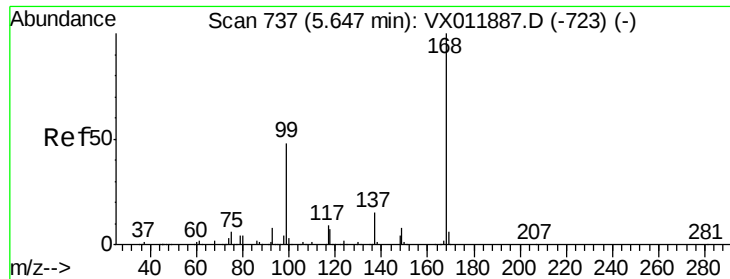
Manual Integrations
APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	126524	19.932	ug/l	100
94) Hexachlorobutadiene	13.78	225	79133	18.667	ug/l	99
95) Naphthalene	13.83	128	229472	21.064	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	116434	20.284	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 737

Delta R.T. 0.00 min

Lab File: VX011898.D

Acq: 30 Aug 2019 04:28

Instrument :

MSVOA_X

ClientSampleId :

VX0829SBS01

Tot Ion:168 Resp: 314944

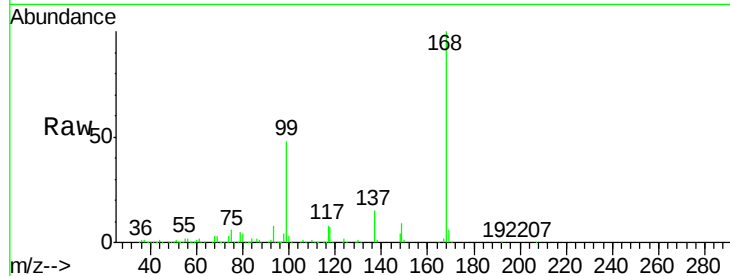
Ion Ratio Lower Upper

168 100

99 47.9 38.4 57.6

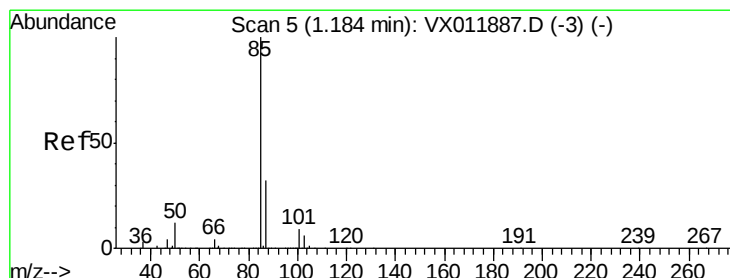
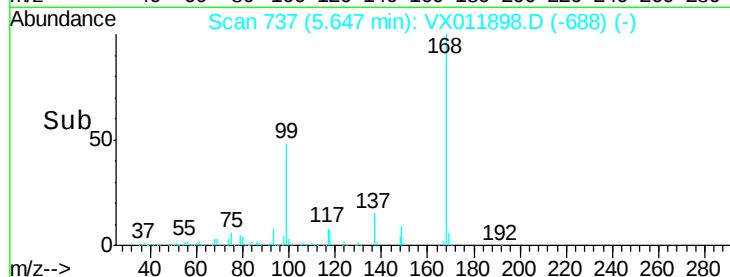
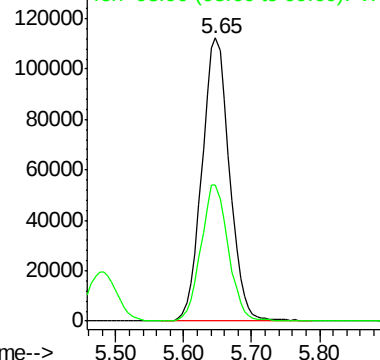
Manual Integrations
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 19.768 ug/l

RT: 1.18 min Scan# 5

Delta R.T. 0.00 min

Lab File: VX011898.D

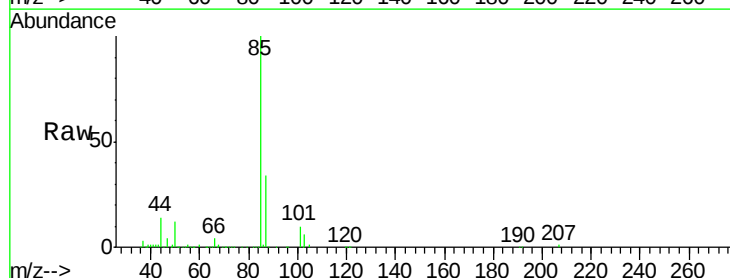
Acq: 30 Aug 2019 04:28

Tgt Ion: 85 Resp: 37576

Ion Ratio Lower Upper

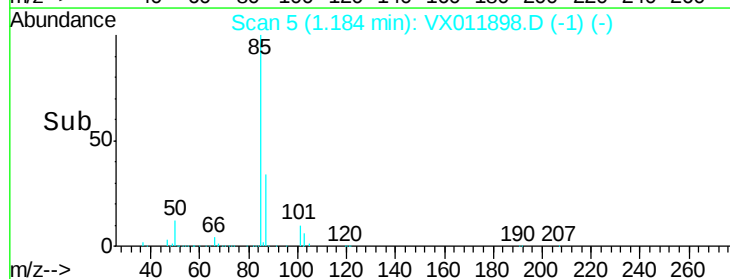
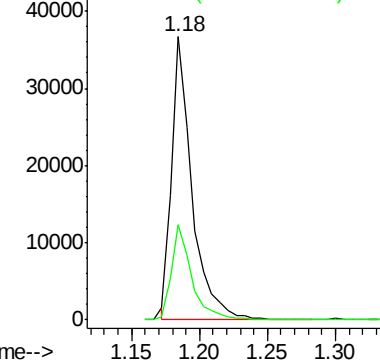
85 100

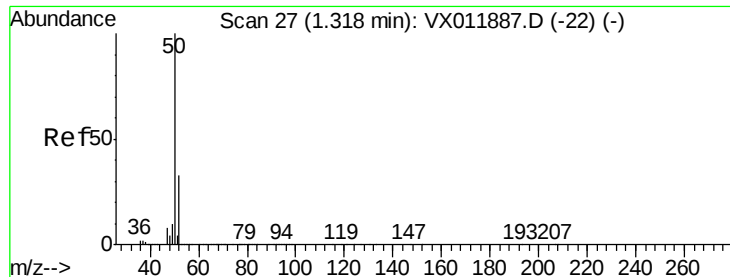
87 33.7 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 21.425 ug/l

RT: 1.31 min Scan# 26

Delta R.T. -0.01 min

Lab File: VX011898.D

Acq: 30 Aug 2019 04:28

Instrument :

MSVOA_X

ClientSampleId :

VX0829SBS01

Tot Ion: 50 Resp: 47210

Ion Ratio Lower Upper

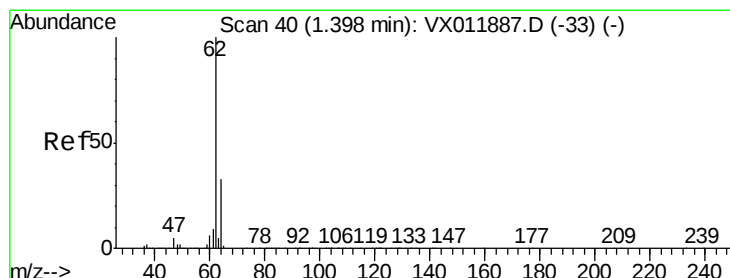
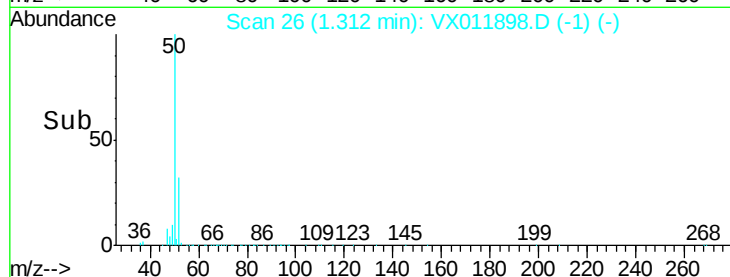
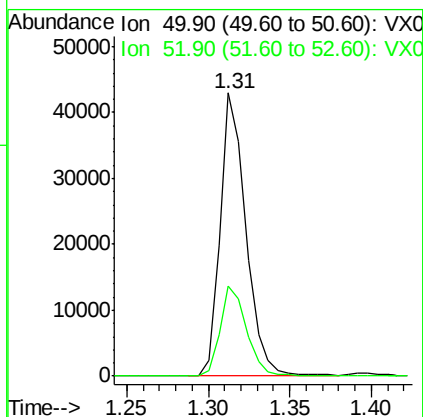
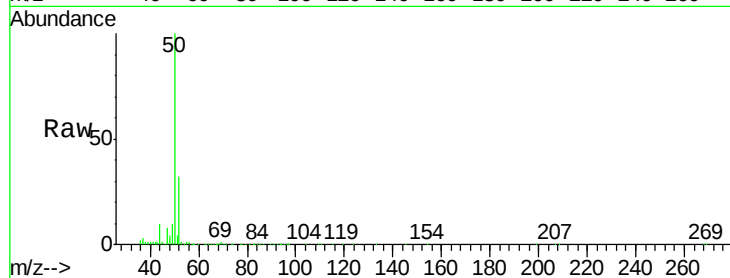
50 100

52 31.5 26.0 39.0

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#4

Vinyl Chloride

Concen: 20.061 ug/l

RT: 1.40 min Scan# 40

Delta R.T. 0.00 min

Lab File: VX011898.D

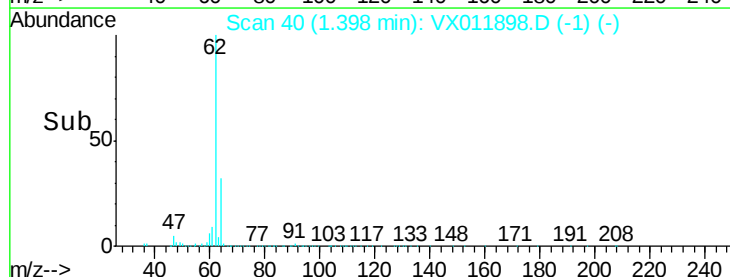
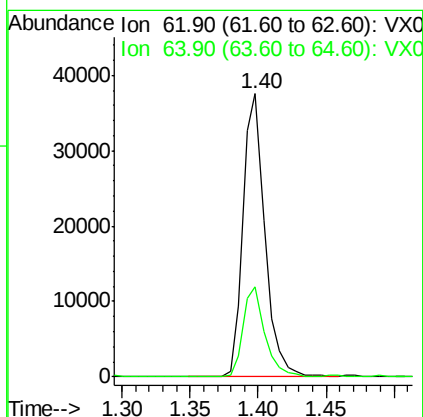
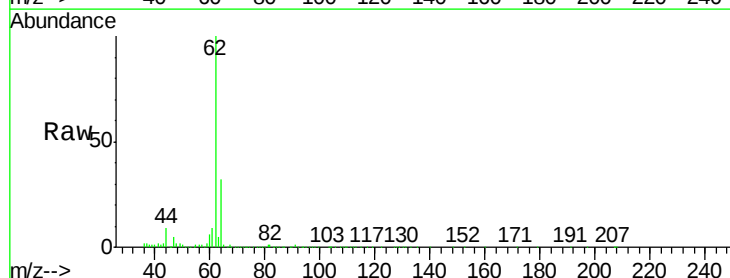
Acq: 30 Aug 2019 04:28

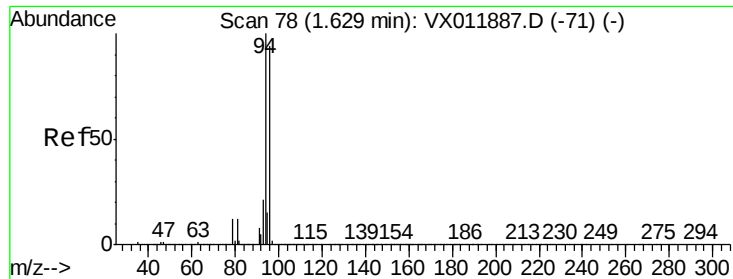
Tgt Ion: 62 Resp: 42212

Ion Ratio Lower Upper

62 100

64 31.6 26.0 39.0





#5

Bromomethane

Concen: 23.157 ug/l

RT: 1.62 min Scan# 77

Delta R.T. -0.01 min

Lab File: VX011898.D

Acq: 30 Aug 2019 04:28

Instrument :

MSVOA_X

ClientSampleId :

VX0829SBS01

Tot Ion: 94 Resp: 33714

Ion Ratio Lower Upper

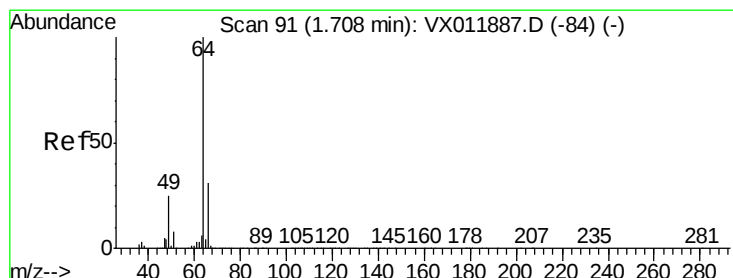
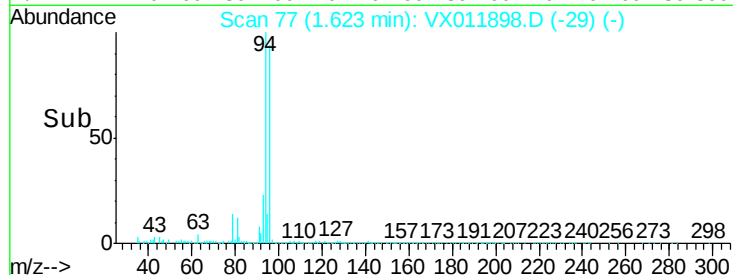
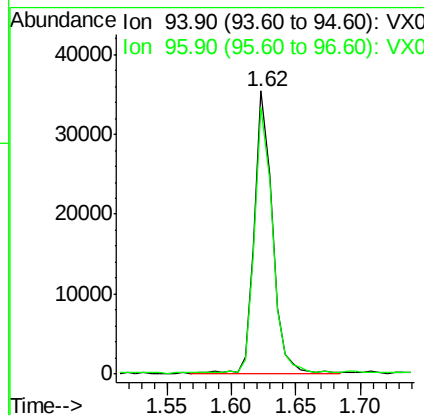
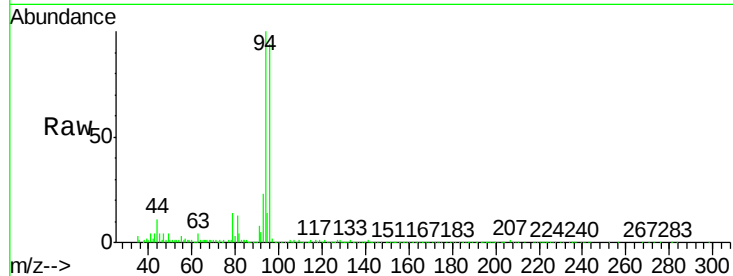
94 100

96 93.8 75.0 112.6

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#6

Chloroethane

Concen: 21.254 ug/l

RT: 1.70 min Scan# 90

Delta R.T. -0.01 min

Lab File: VX011898.D

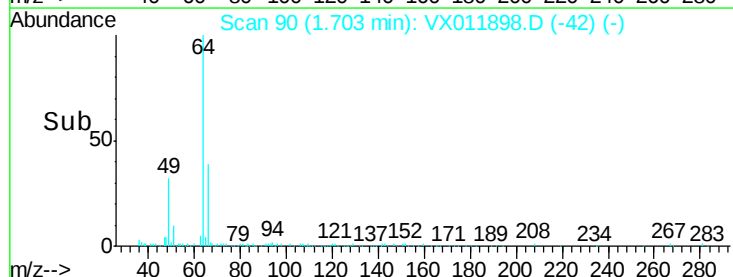
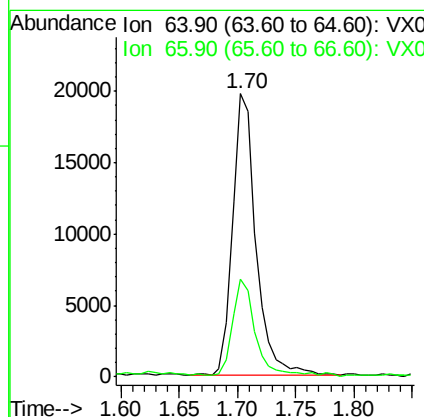
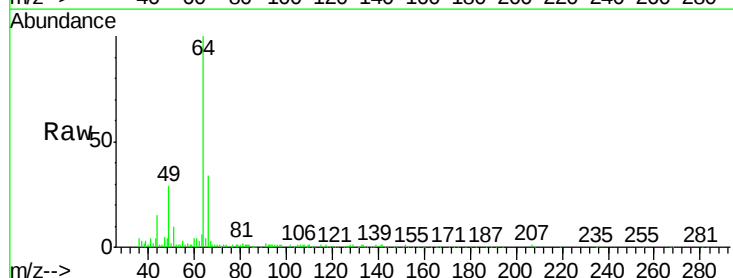
Acq: 30 Aug 2019 04:28

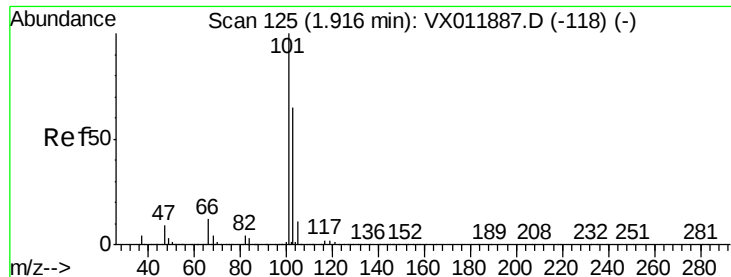
Tgt Ion: 64 Resp: 27833

Ion Ratio Lower Upper

64 100

66 34.1 25.0 37.4





#7

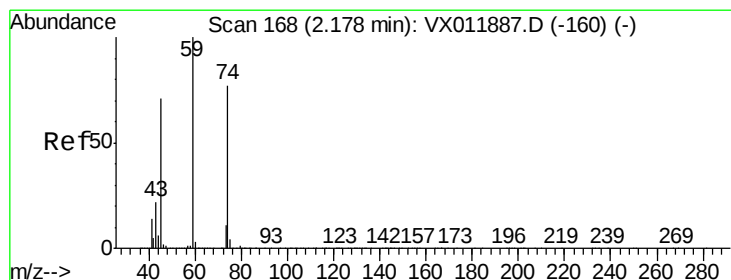
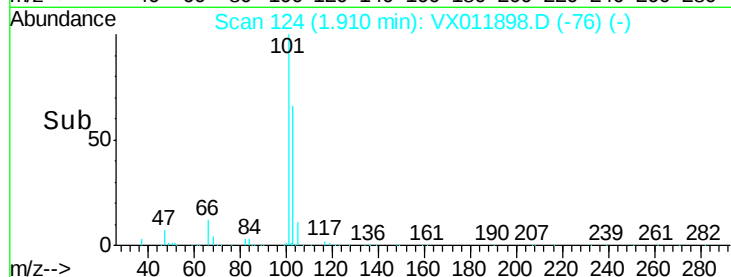
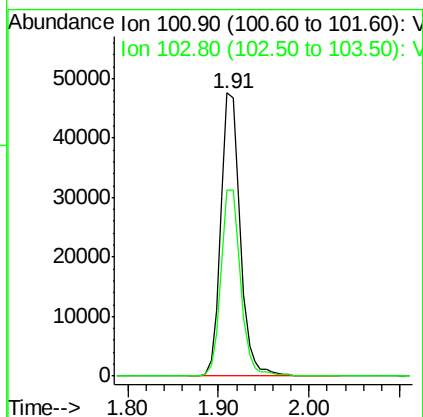
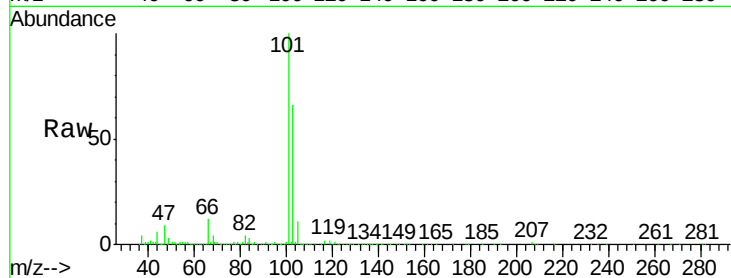
Trichlorofluoromethane
Concen: 19.500 ug/l
RT: 1.91 min Scan# 124
Delta R.T. -0.01 min
Lab File: VX011898.D
Acq: 30 Aug 2019 04:28

Instrument :
MSVOA_X
ClientSampleId :
VX0829SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.7	51.6	77.4

Manual Integrations
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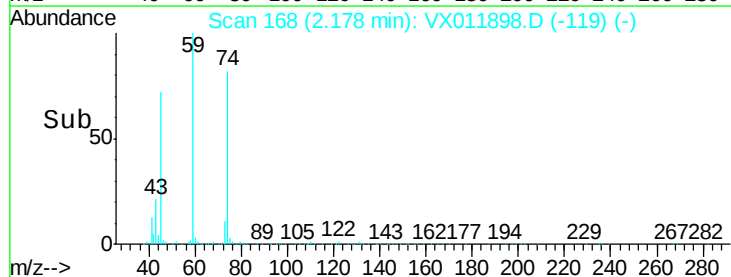
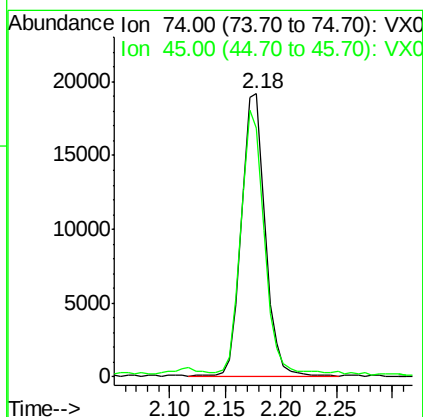
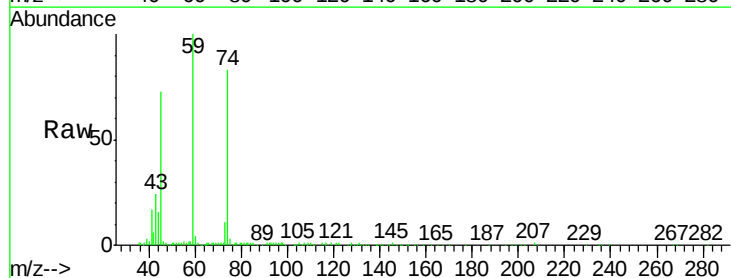
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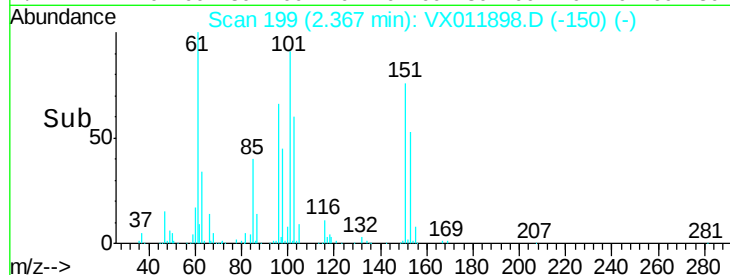
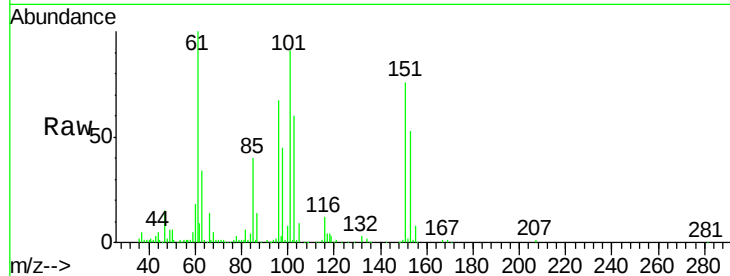
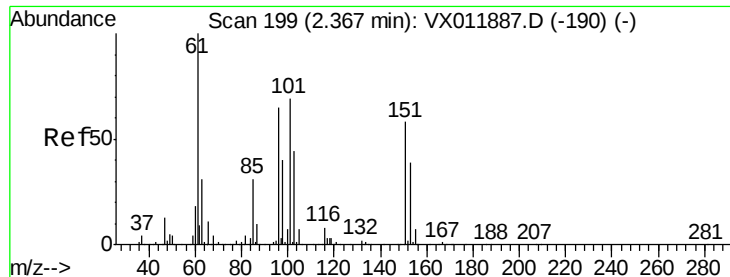


#8

Diethyl Ether
Concen: 22.771 ug/l
RT: 2.18 min Scan# 168
Delta R.T. 0.00 min
Lab File: VX011898.D
Acq: 30 Aug 2019 04:28

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.5	46.7	140.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.234 ug/l

RT: 2.37 min Scan# 199

Delta R.T. 0.00 min

Lab File: VX011898.D

Acq: 30 Aug 2019 04:28

Instrument :

MSVOA_X

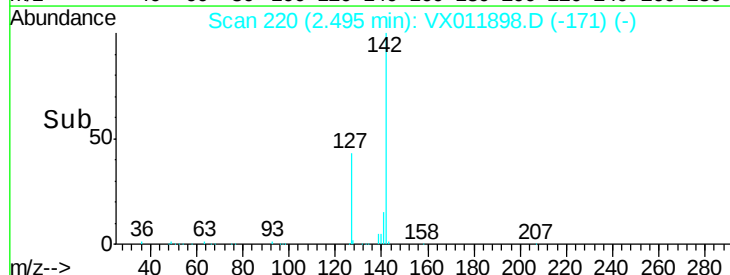
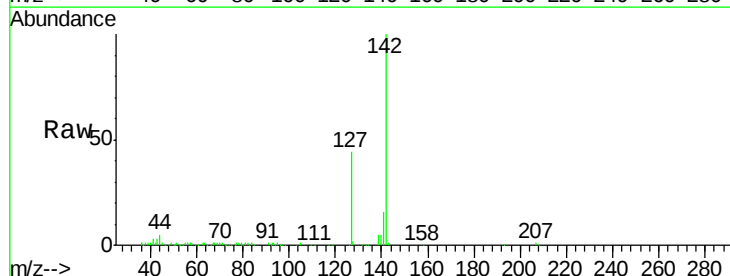
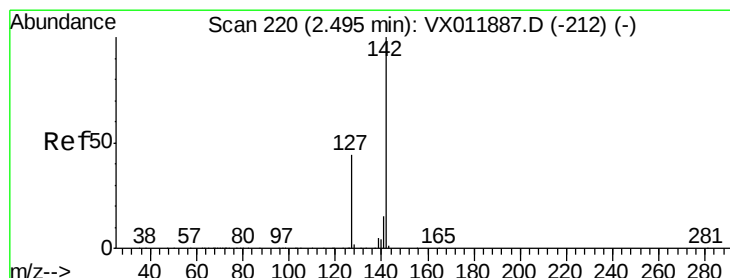
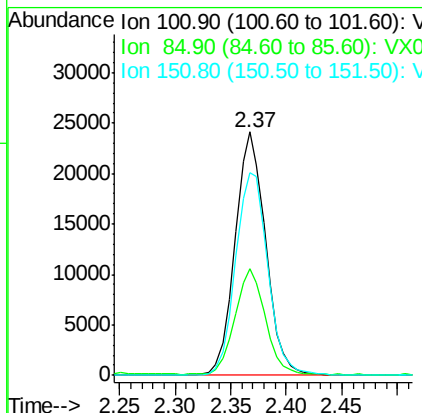
ClientSampleId :

VX0829SBS01

Tot Ion:	101	Resp:	45810
Ion Ratio	Lower	Upper	
101	100		
85	43.5	34.9	52.3
151	88.1	70.9	106.3

Manual Integrations
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#10

Methyl Iodide

Concen: 16.926 ug/l

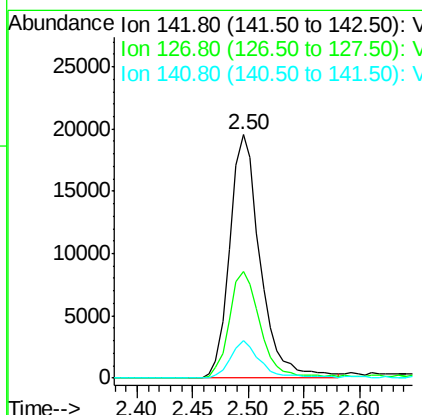
RT: 2.50 min Scan# 220

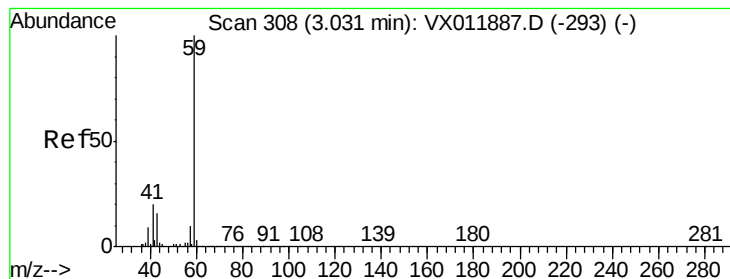
Delta R.T. 0.00 min

Lab File: VX011898.D

Acq: 30 Aug 2019 04:28

Tgt Ion:	142	Resp:	37187
Ion Ratio	Lower	Upper	
142	100		
127	44.3	35.7	53.5
141	15.2	11.8	17.6





#11

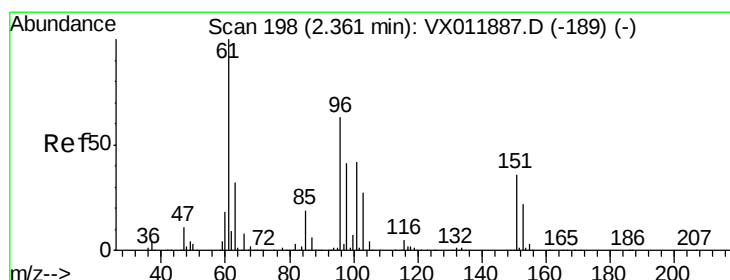
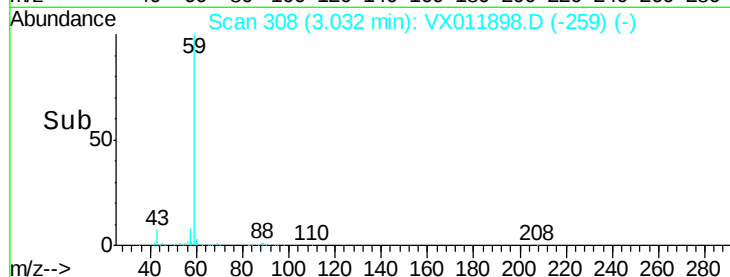
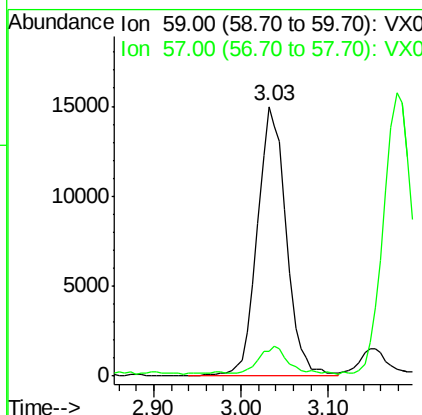
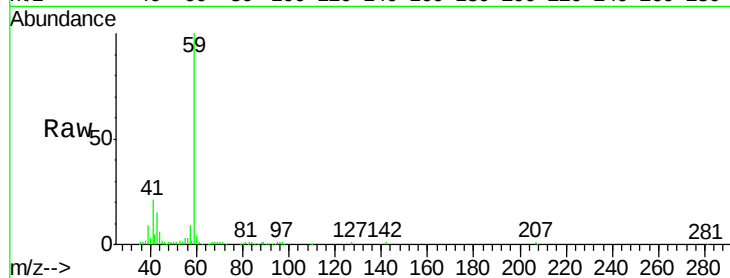
Tert butyl alcohol
Concen: 119.097 ug/l
RT: 3.03 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX011898.D
Acq: 30 Aug 2019 04:28

Instrument :
MSVOA_X
ClientSampleId :
VX0829SBS01

Tot Ion	59	Resp	34574
Ion Ratio	100	Lower	Upper
57	10.4	8.6	12.8

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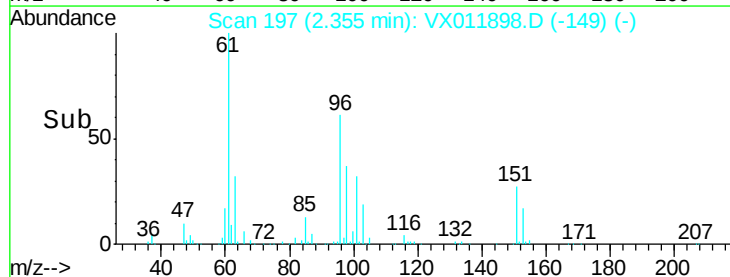
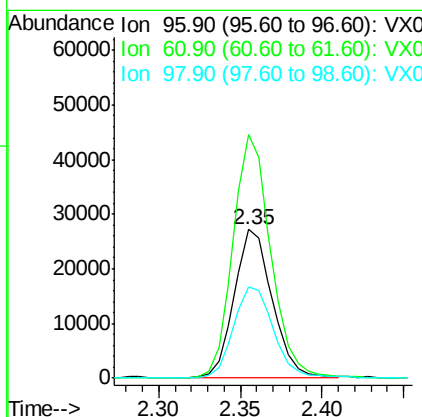
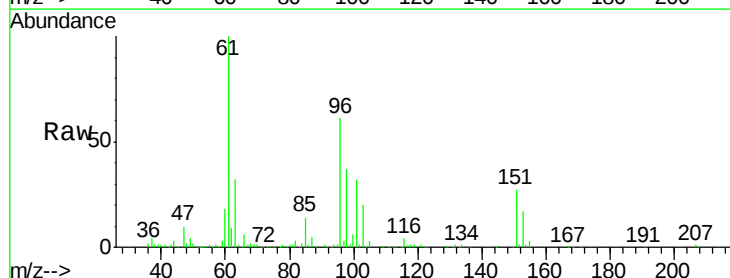
MMDadoda
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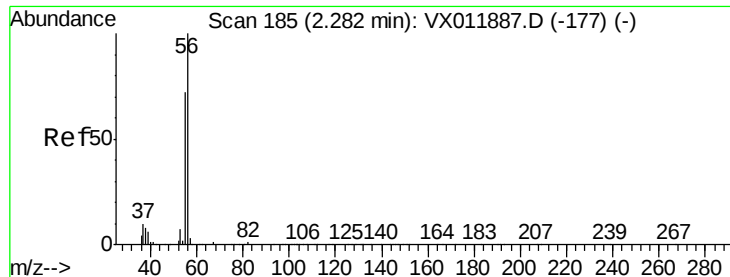


#12

1,1-Dichloroethene
Concen: 19.925 ug/l
RT: 2.35 min Scan# 197
Delta R.T. -0.01 min
Lab File: VX011898.D
Acq: 30 Aug 2019 04:28

Tgt Ion	96	Resp	44074
Ion Ratio	100	Lower	Upper
61	164.7	126.6	190.0
98	61.0	51.6	77.4





#13

Acrolein

Concen: 114.728 ug/l

RT: 2.28 min Scan# 185

Delta R.T. 0.00 min

Lab File: VX011898.D

Acq: 30 Aug 2019 04:28

Instrument :

MSVOA_X

ClientSampleId :

VX0829SBS01

Tot Ion: 56 Resp: 16577

Ion Ratio Lower Upper

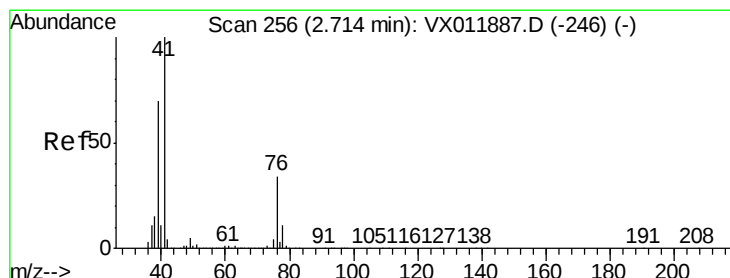
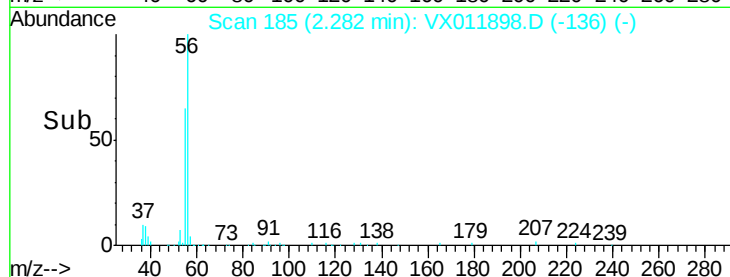
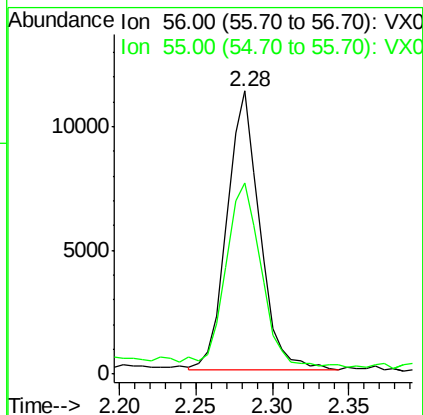
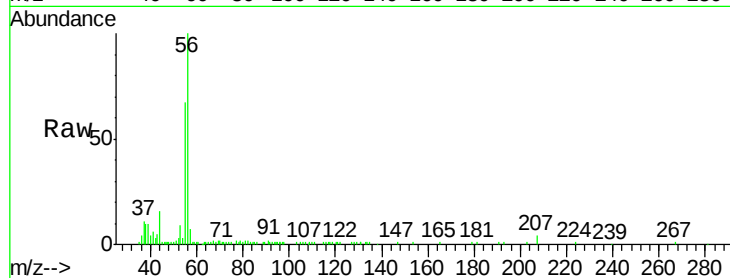
56 100

55 73.6 58.6 88.0

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#14

Allyl chloride

Concen: 21.378 ug/l

RT: 2.71 min Scan# 256

Delta R.T. 0.00 min

Lab File: VX011898.D

Acq: 30 Aug 2019 04:28

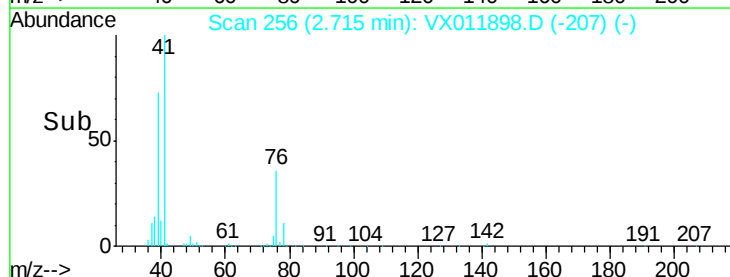
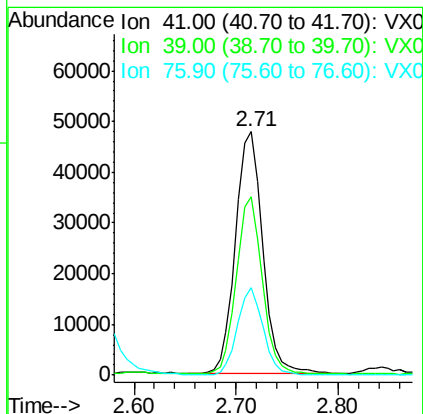
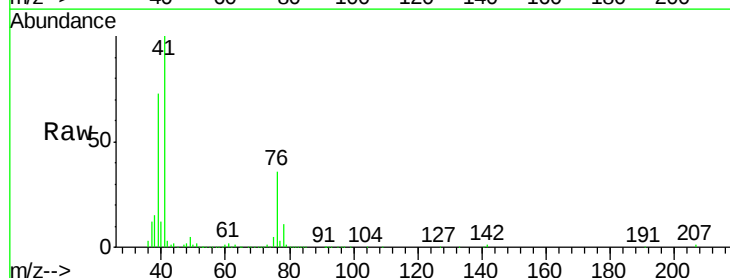
Tgt Ion: 41 Resp: 88704

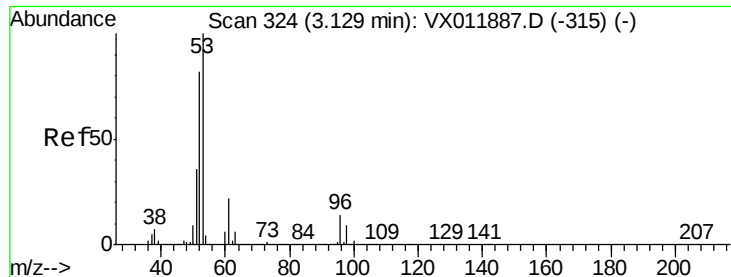
Ion Ratio Lower Upper

41 100

39 69.4 55.0 82.6

76 33.5 27.0 40.4





#15

Acrylonitrile

Concen: 118.318 ug/l

RT: 3.13 min Scan# 324

Delta R.T. 0.00 min

Lab File: VX011898.D

Acq: 30 Aug 2019 04:28

Instrument :

MSVOA_X

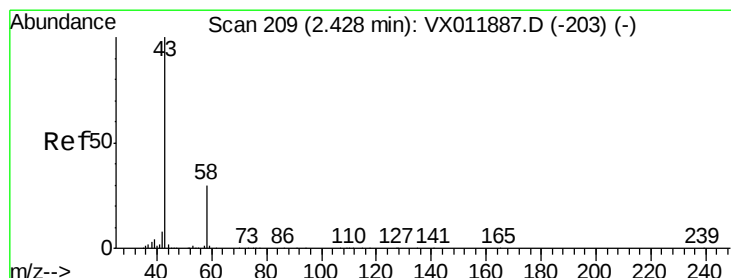
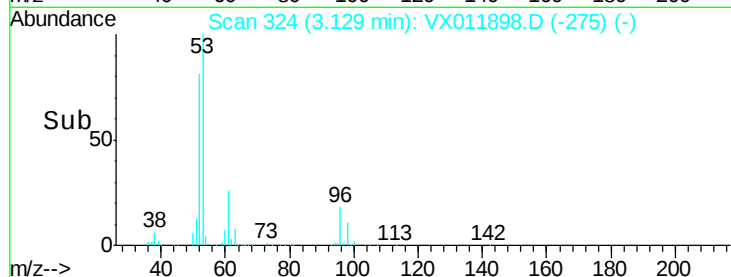
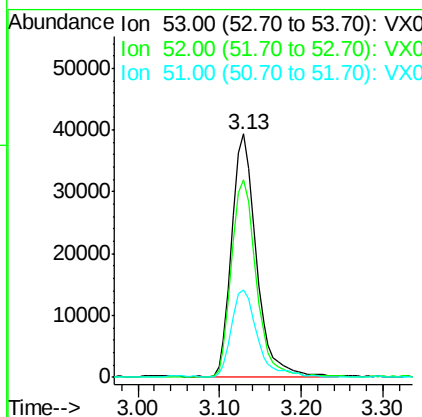
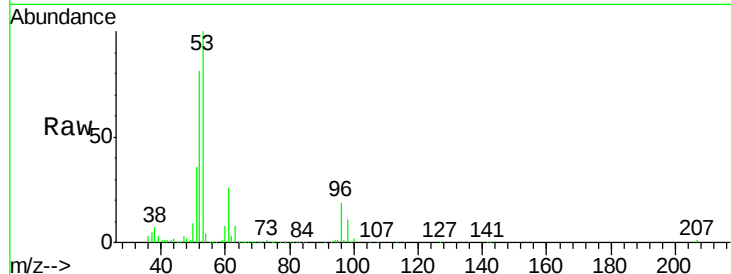
ClientSampleId :

VX0829SBS01

Tot Ion:	53	Resp:	81619
Ion	Ratio	Lower	Upper
53	100		
52	81.5	65.3	97.9
51	37.4	29.4	44.2

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#16

Acetone

Concen: 105.127 ug/l

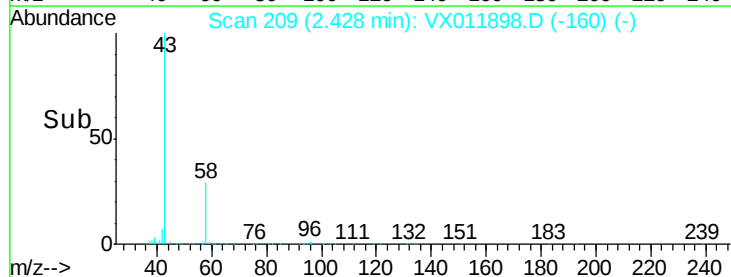
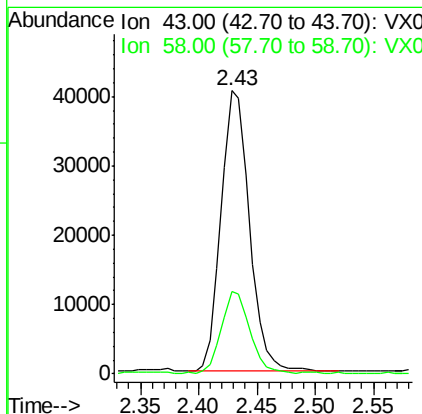
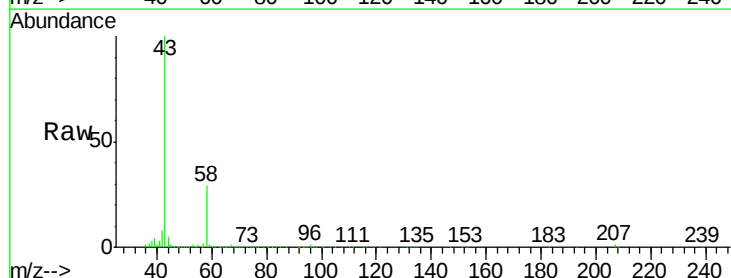
RT: 2.43 min Scan# 209

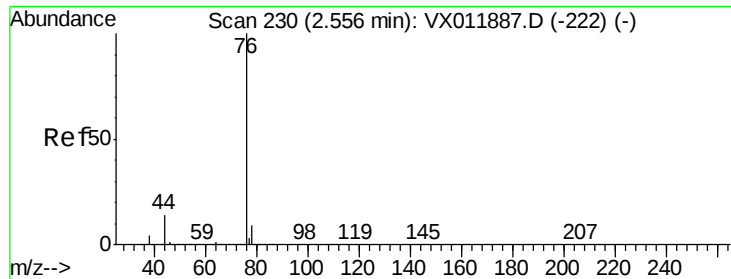
Delta R.T. 0.00 min

Lab File: VX011898.D

Acq: 30 Aug 2019 04:28

Tgt Ion:	43	Resp:	68252
Ion	Ratio	Lower	Upper
43	100		
58	29.1	23.8	35.8





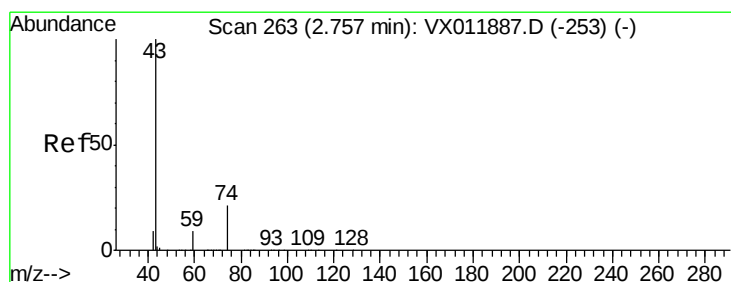
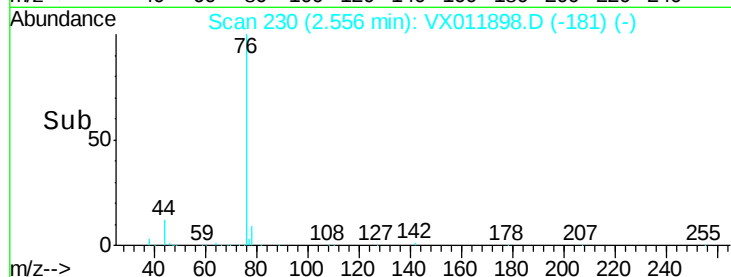
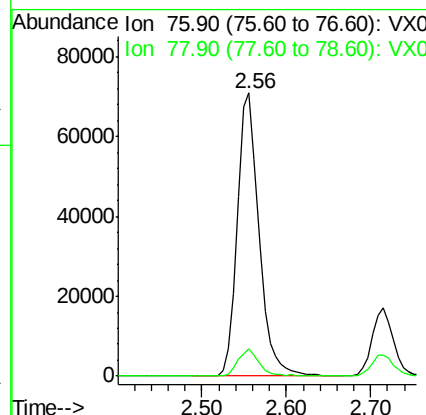
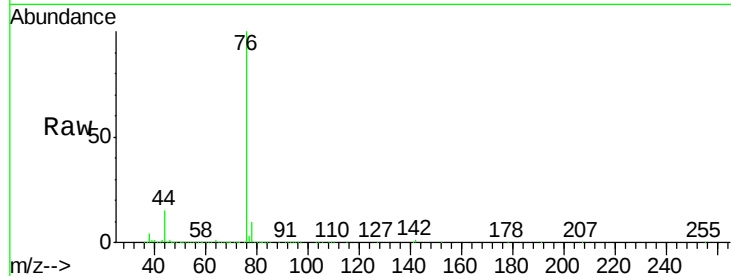
#17
Carbon Disulfide
Concen: 19.548 ug/l
RT: 2.56 min Scan# 230
Delta R.T. 0.00 min
Lab File: VX011898.D
Acq: 30 Aug 2019 04:28

Instrument :
MSVOA_X
ClientSampleId :
VX0829SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.3	10.9

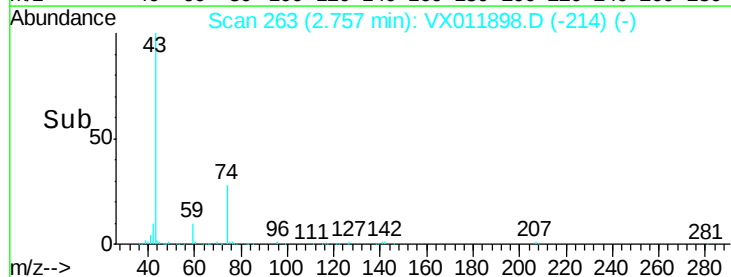
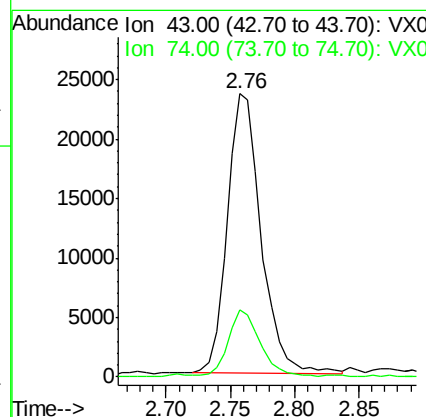
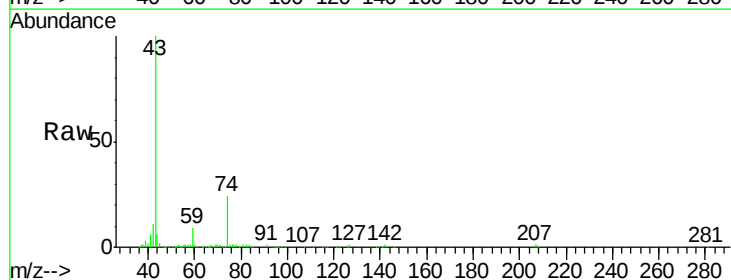
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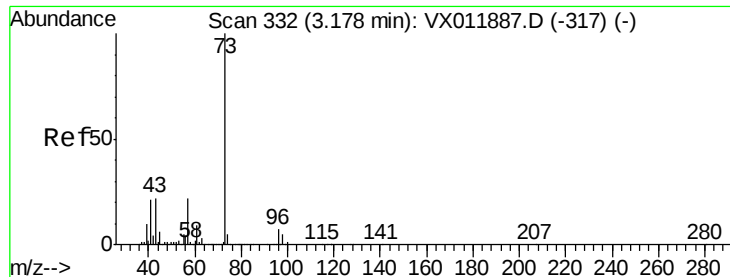
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#18
Methyl Acetate
Concen: 23.984 ug/l
RT: 2.76 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX011898.D
Acq: 30 Aug 2019 04:28

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.0	18.4	27.6





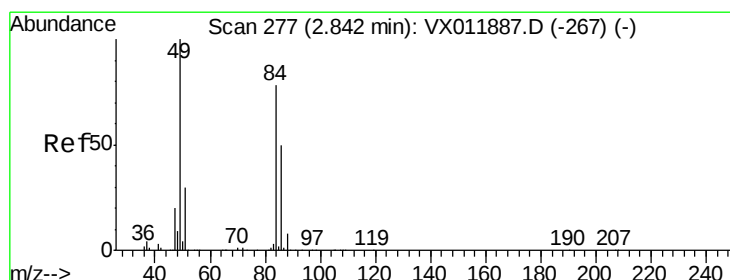
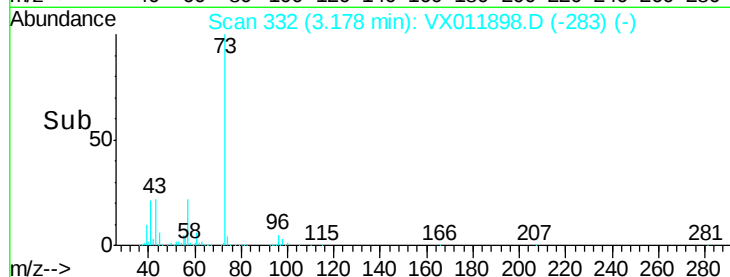
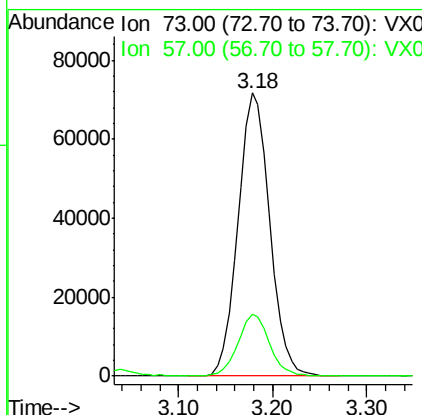
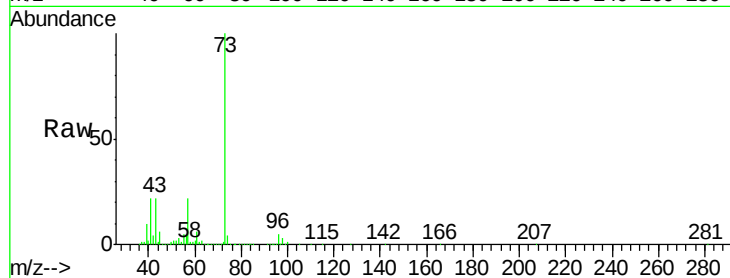
#19
Methvl tert-butvl Ether
Concen: 23.539 ug/l
RT: 3.18 min Scan# 332
Delta R.T. 0.00 min
Lab File: VX011898.D
Acq: 30 Aug 2019 04:28

Instrument :
MSVOA_X
ClientSampleId :
VX0829SBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.8	17.4	26.0

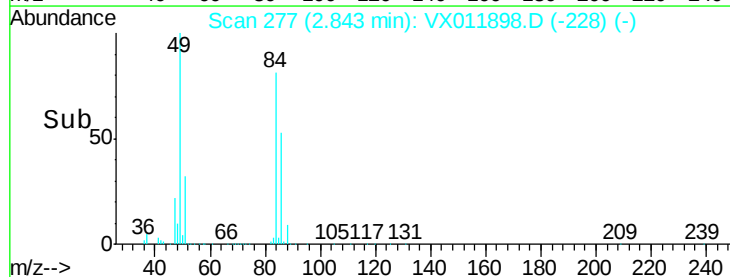
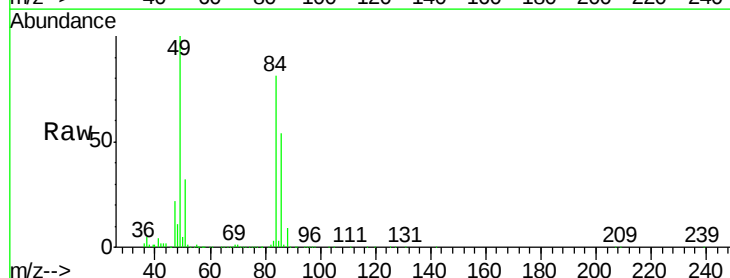
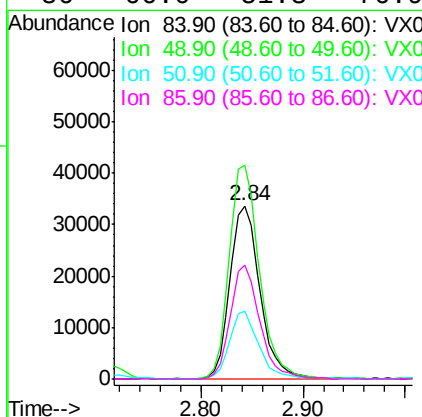
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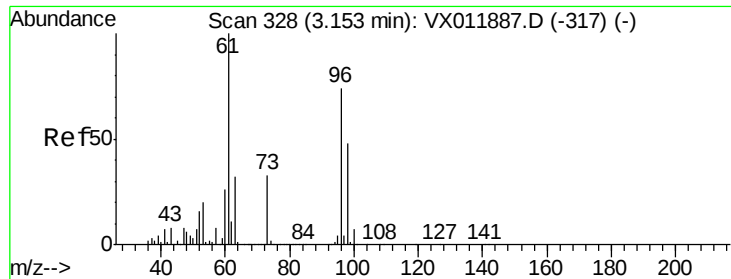
MMDadoda
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#20
Methylene Chloride
Concen: 22.080 ug/l
RT: 2.84 min Scan# 277
Delta R.T. 0.00 min
Lab File: VX011898.D
Acq: 30 Aug 2019 04:28

Tgt Ion	Ratio	Lower	Upper
84	100		
49	123.2	103.0	154.4
51	39.1	30.8	46.2
86	66.0	51.3	76.9





#21

trans-1,2-Dichloroethene

Concen: 21.580 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX011898.D

Acq: 30 Aug 2019 04:28

Instrument :

MSVOA_X

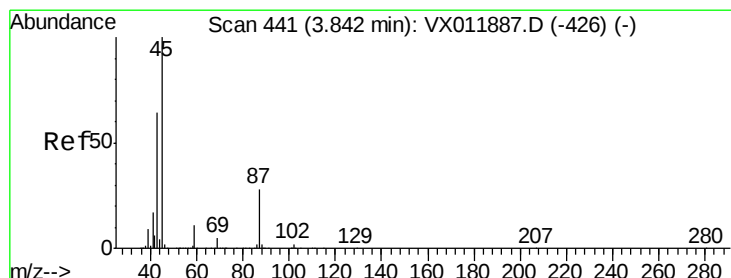
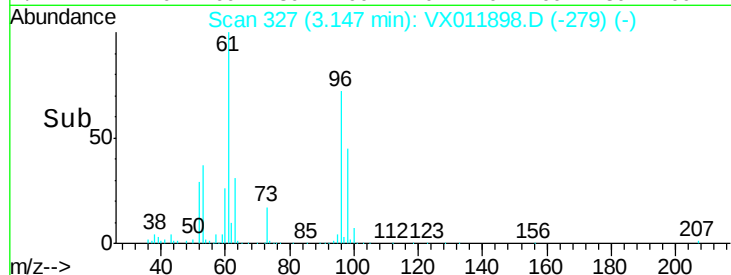
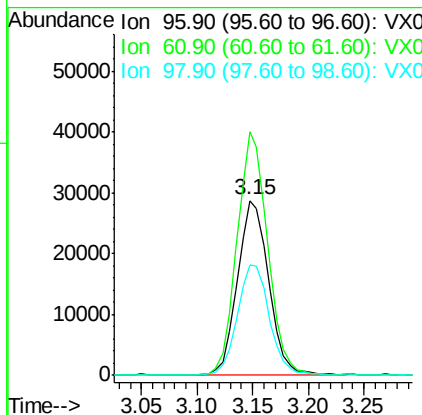
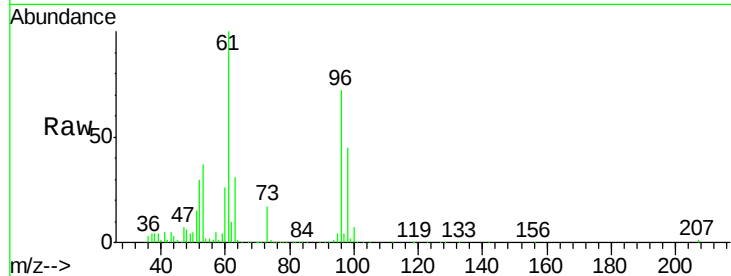
ClientSampleId :

VX0829SBS01

Tot Ion:	96	Resp:	56230
Ion	Ratio	Lower	Upper
96	100		
61	139.3	107.4	161.2
98	62.9	51.4	77.2

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#22

Diisopropyl ether

Concen: 23.187 ug/l

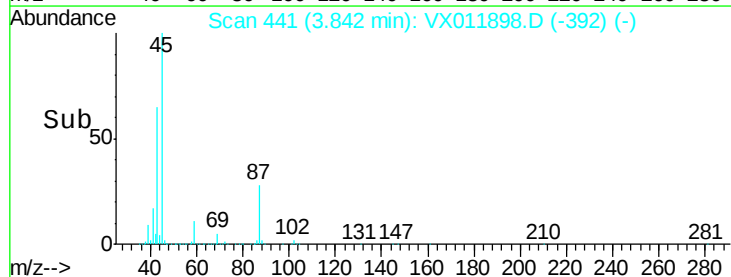
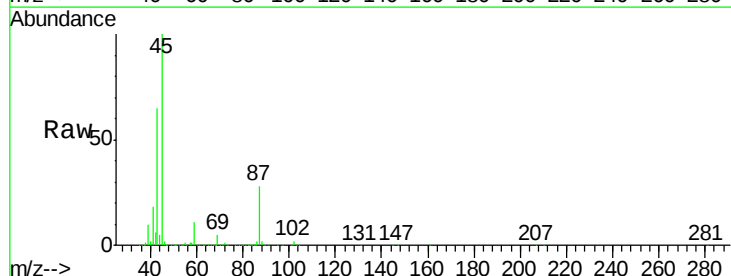
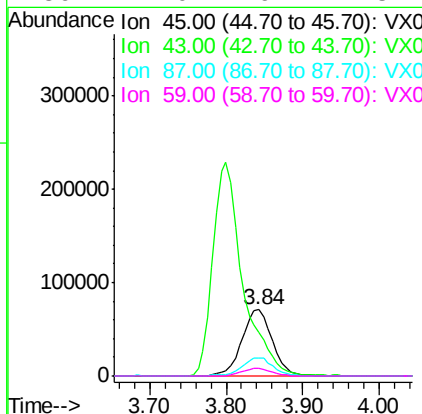
RT: 3.84 min Scan# 441

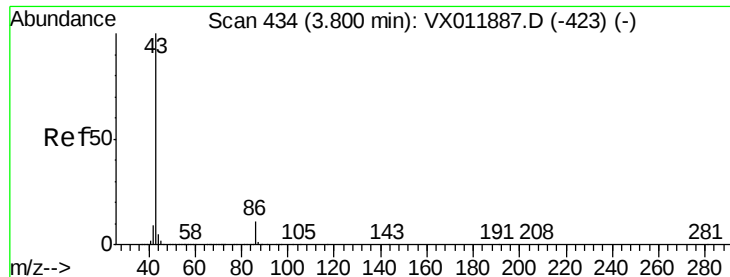
Delta R.T. 0.00 min

Lab File: VX011898.D

Acq: 30 Aug 2019 04:28

Tgt Ion:	45	Resp:	196412
Ion	Ratio	Lower	Upper
45	100		
43	64.7	51.0	76.6
87	27.5	22.0	33.0
59	11.0	9.1	13.7





#23

Vinyl Acetate

Concen: 114.012 ug/l

RT: 3.80 min Scan# 434

Delta R.T. 0.00 min

Lab File: VX011898.D

Acq: 30 Aug 2019 04:28

Instrument :

MSVOA_X

ClientSampleId :

VX0829SBS01

Tot Ion: 43 Resp: 620925

Ion Ratio Lower Upper

43 100

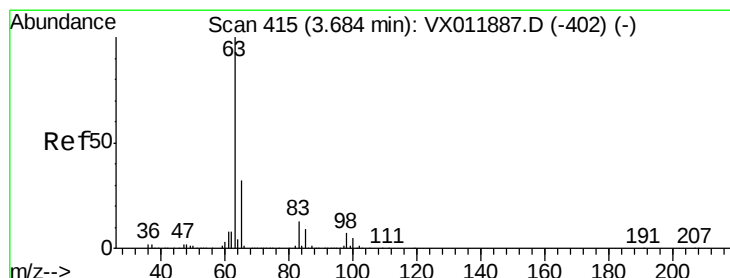
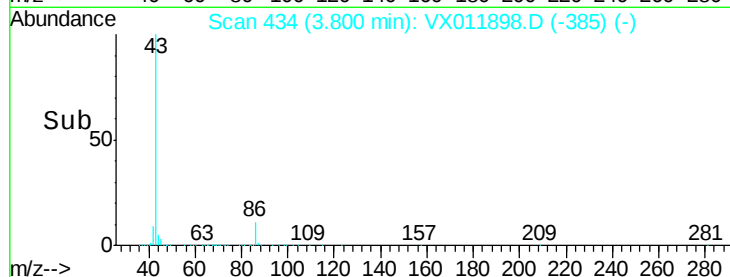
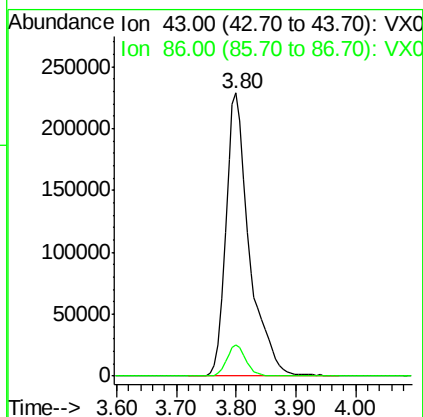
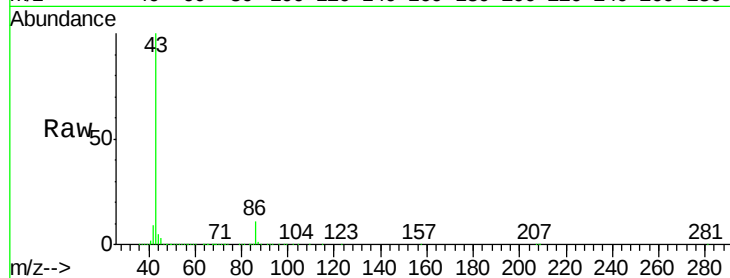
86 10.9 8.6 12.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 22.268 ug/l

RT: 3.68 min Scan# 414

Delta R.T. -0.01 min

Lab File: VX011898.D

Acq: 30 Aug 2019 04:28

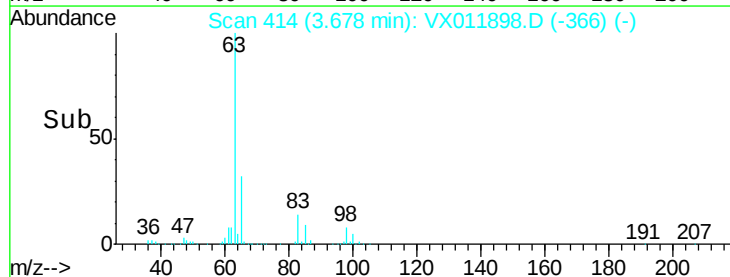
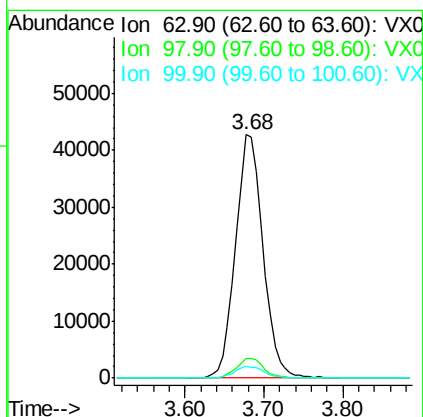
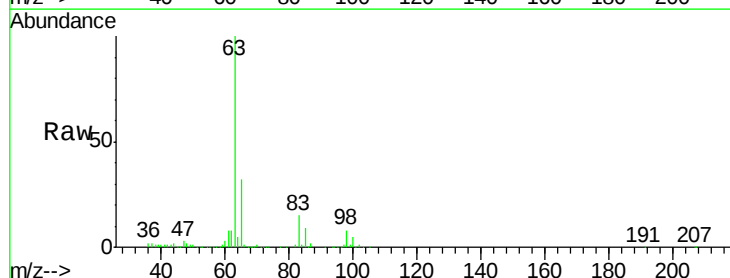
Tgt Ion: 63 Resp: 104020

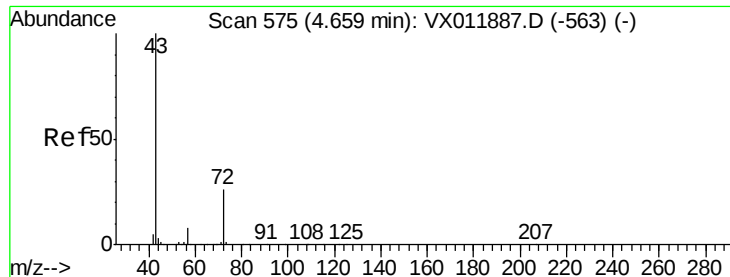
Ion Ratio Lower Upper

63 100

98 7.8 3.8 11.2

100 4.8 2.4 7.2





#25

2-Butanone

Concen: 115.015 ug/l

RT: 4.66 min Scan# 575

Delta R.T. 0.00 min

Lab File: VX011898.D

Acq: 30 Aug 2019 04:28

Tot Ion: 43 Resp: 108756

Ion Ratio Lower Upper

43 100

72 26.4 21.0 31.4

Instrument :

MSVOA_X

ClientSampleId :

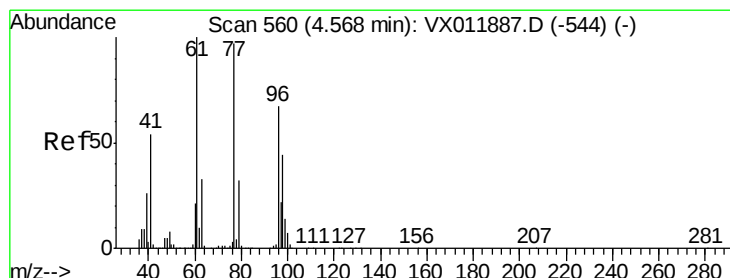
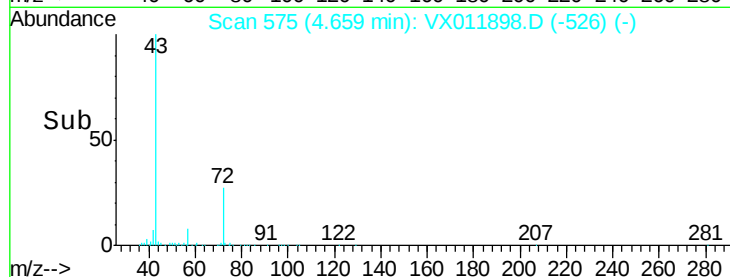
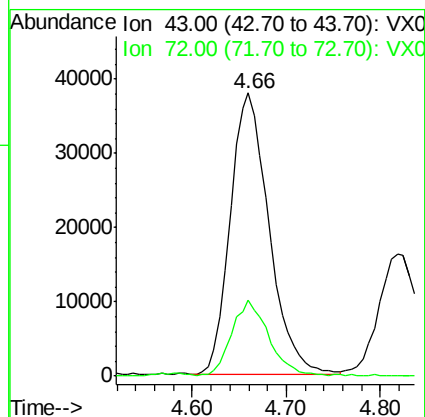
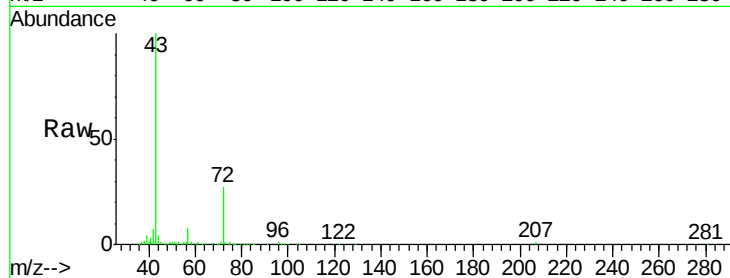
VX0829SBS01

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#26

2,2-Dichloropropane

Concen: 19.252 ug/l

RT: 4.56 min Scan# 559

Delta R.T. -0.01 min

Lab File: VX011898.D

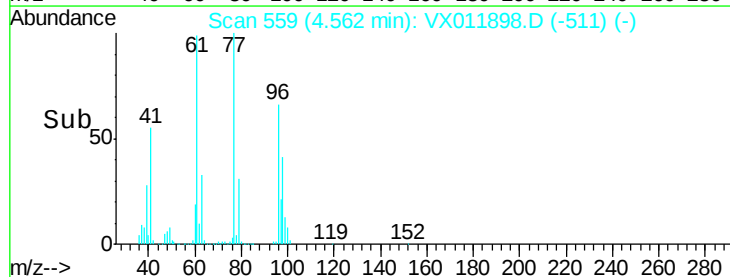
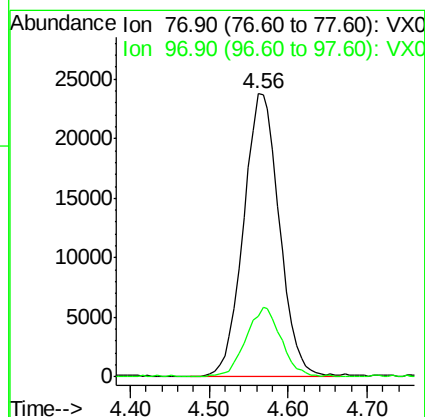
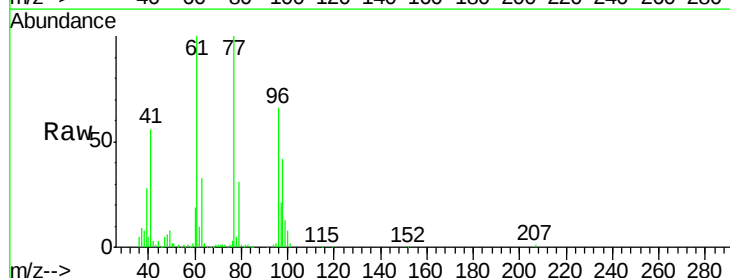
Acq: 30 Aug 2019 04:28

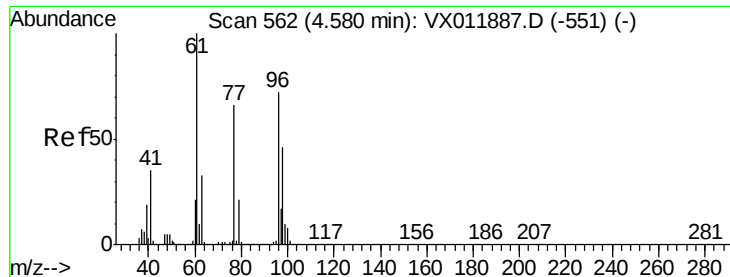
Tgt Ion: 77 Resp: 75426

Ion Ratio Lower Upper

77 100

97 24.1 11.7 35.1





#27

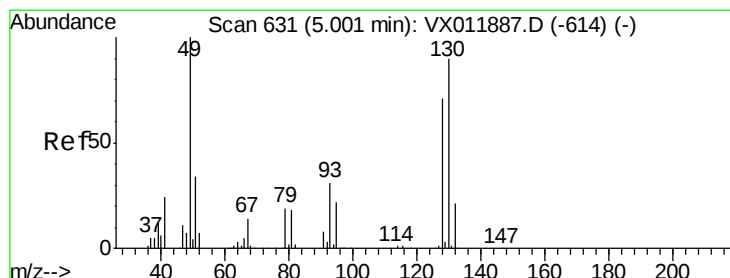
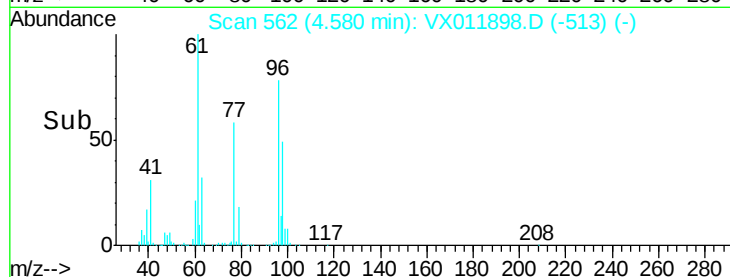
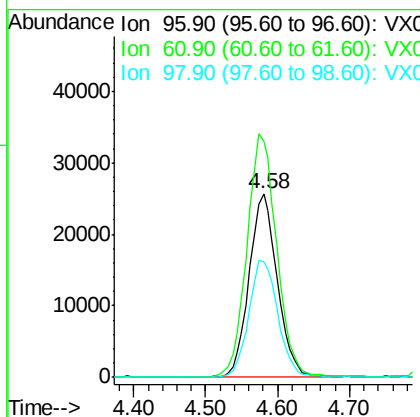
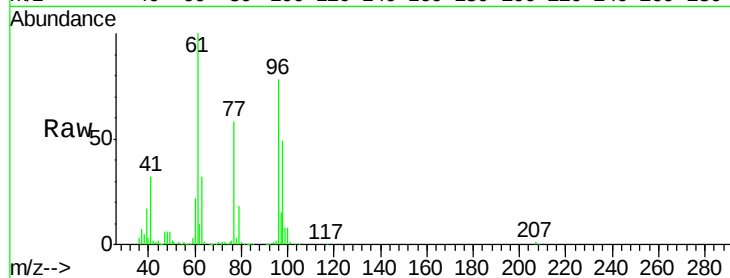
cis-1,2-Dichloroethene
Concen: 22.943 ug/l
RT: 4.58 min Scan# 562
Delta R.T. 0.00 min
Lab File: VX011898.D
Acq: 30 Aug 2019 04:28

Instrument :
MSVOA_X
ClientSampleId :
VX0829SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	70415		
61	138.7		0.0	283.8
98	65.6		0.0	131.2

Manual Integrations
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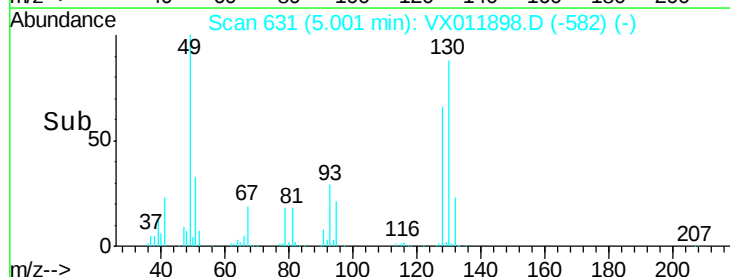
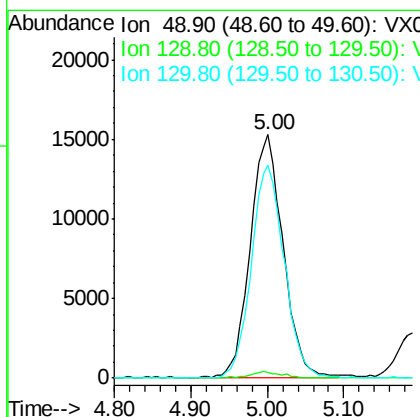
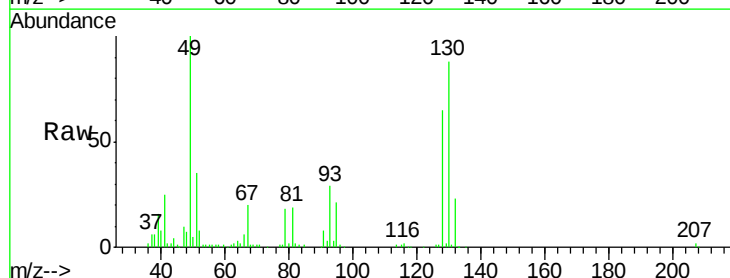
MMDadoda
9/3/2019 2:39:24 AM

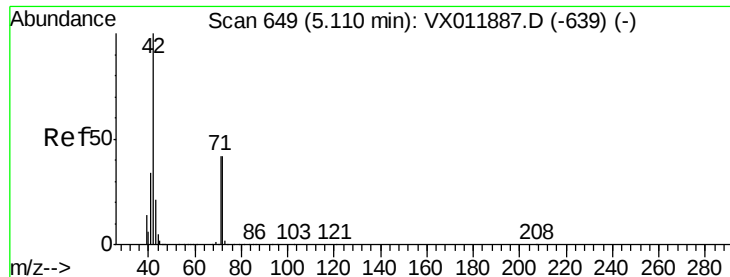


#28

Bromochloromethane
Concen: 21.928 ug/l
RT: 5.00 min Scan# 631
Delta R.T. 0.00 min
Lab File: VX011898.D
Acq: 30 Aug 2019 04:28

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	45962		
129	2.8		0.0	4.8
130	87.2		70.6	105.8





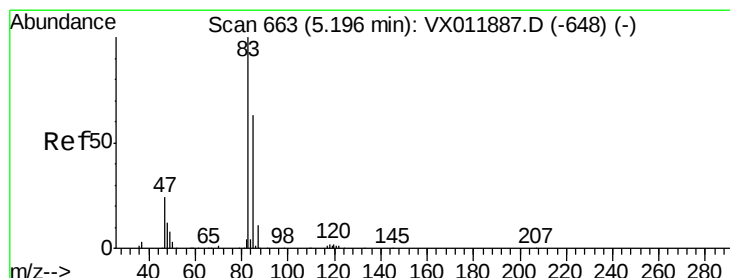
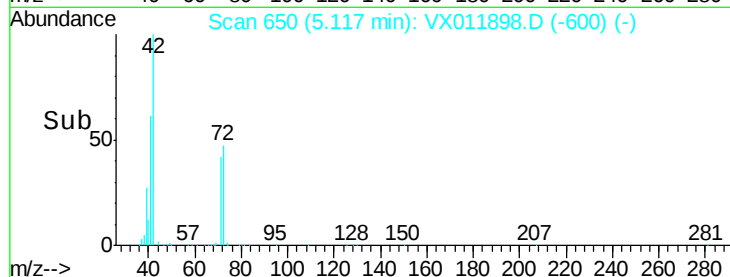
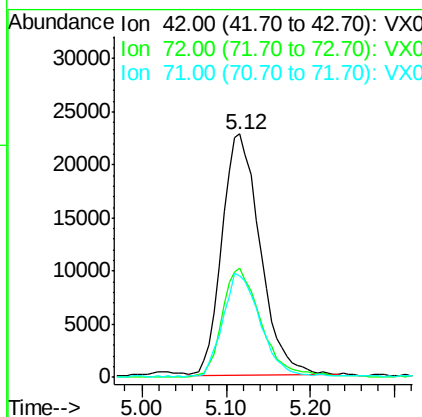
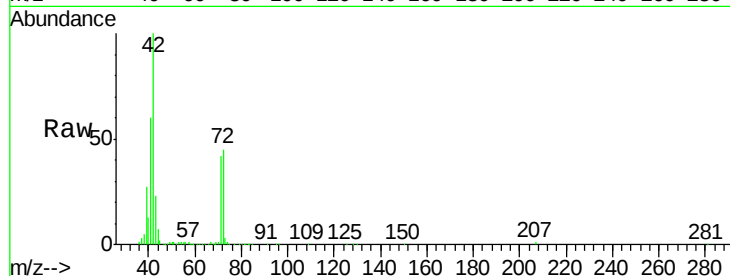
#29
Tetrahydrofuran
Concen: 118.278 ug/l
RT: 5.12 min Scan# 650
Delta R.T. 0.01 min
Lab File: VX011898.D
Acq: 30 Aug 2019 04:28

Instrument :
MSVOA_X
ClientSampleId :
VX0829SBS01

Tot Ion:	42	Resp:	69808
Ion Ratio	Lower	Upper	
42	100		
72	47.1	36.2	54.4
71	41.7	33.1	49.7

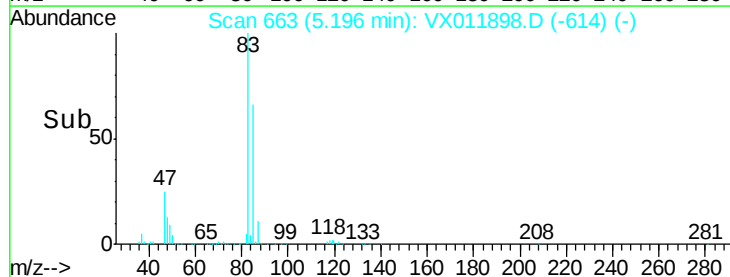
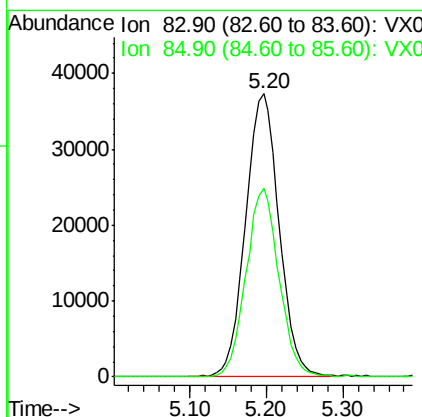
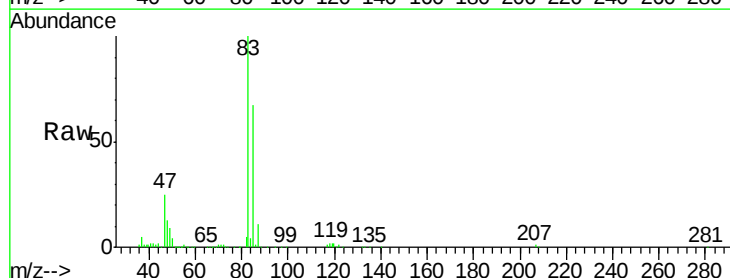
Manual Integrations
APPROVED

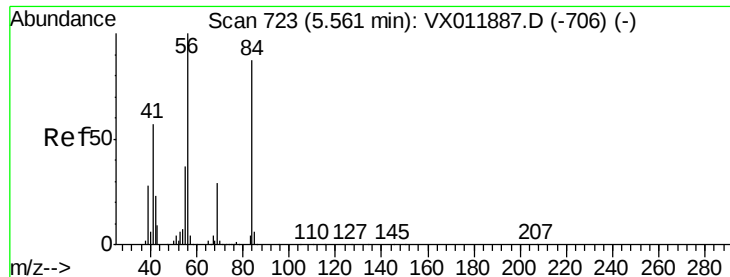
MMDadoda
9/3/2019 2:39:24 AM



#30
Chloroform
Concen: 22.680 ug/l
RT: 5.20 min Scan# 663
Delta R.T. 0.00 min
Lab File: VX011898.D
Acq: 30 Aug 2019 04:28

Tgt Ion:	83	Resp:	113279
Ion Ratio	Lower	Upper	
83	100		
85	66.8	50.6	75.8





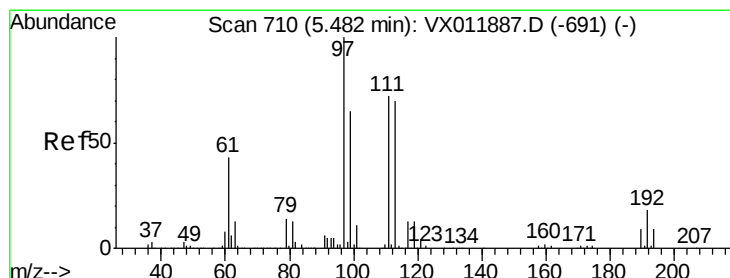
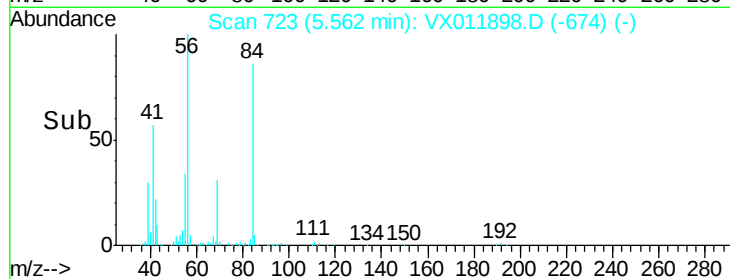
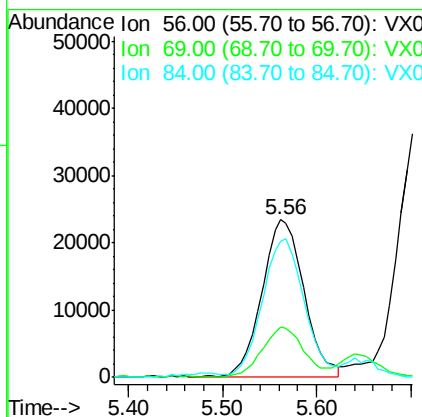
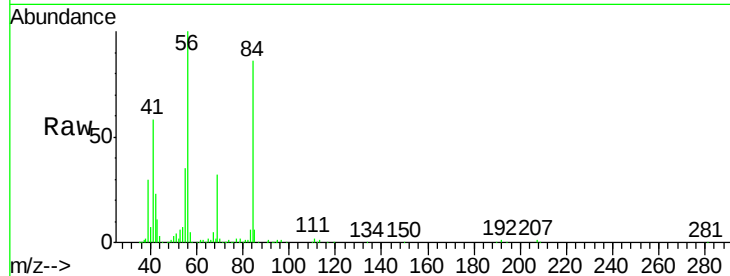
#31
Cyclohexane
Concen: 19.555 ug/l
RT: 5.56 min Scan# 723
Delta R.T. 0.00 min
Lab File: VX011898.D
Acq: 30 Aug 2019 04:28

Instrument :
MSVOA_X
ClientSampleId :
VX0829SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.7	23.1	34.7
84	84.3	69.6	104.4

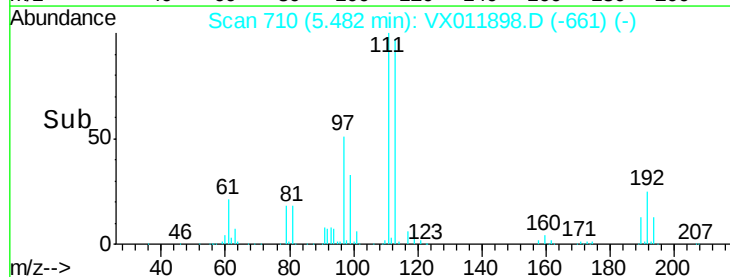
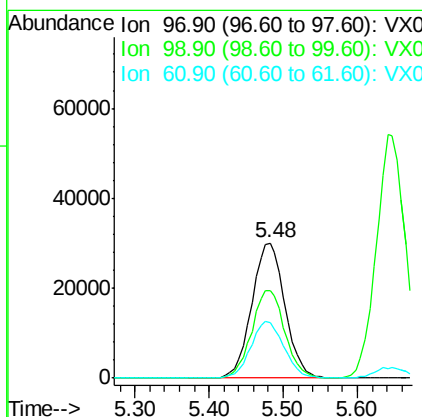
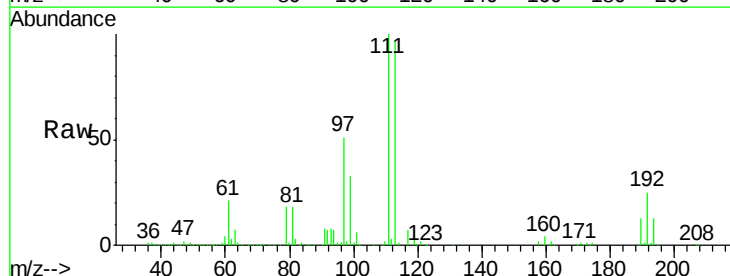
Manual Integrations
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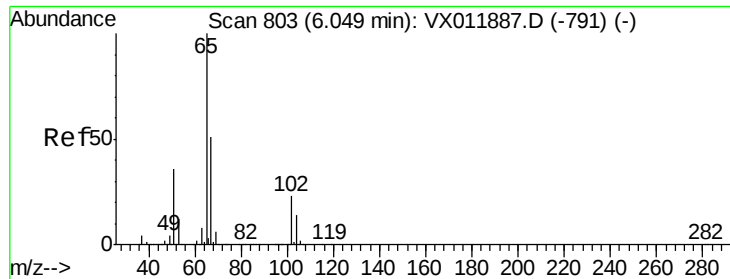
MMDadoda
9/3/2019 2:39:24 AM



#32
1,1,1-Trichloroethane
Concen: 21.132 ug/l
RT: 5.48 min Scan# 710
Delta R.T. 0.00 min
Lab File: VX011898.D
Acq: 30 Aug 2019 04:28

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.8	77.8
61	42.3	33.8	50.6





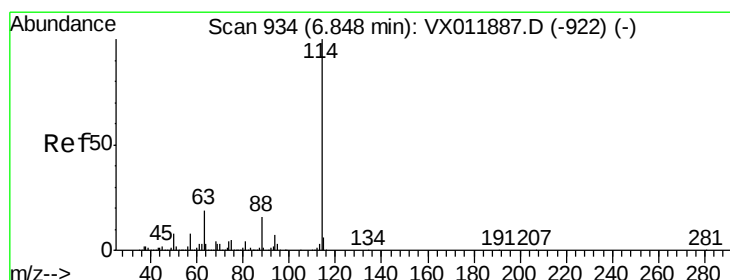
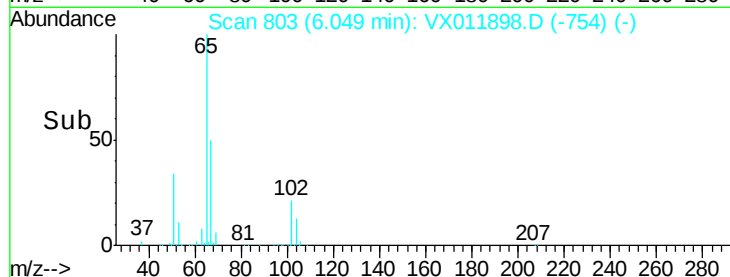
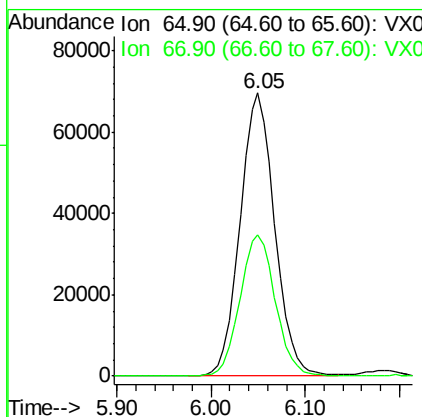
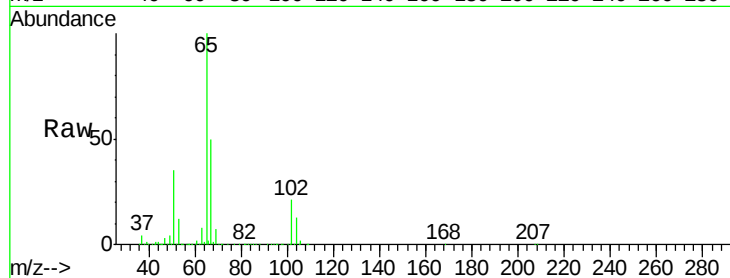
#33
 1,2-Dichloroethane-d4
 Concen: 59.286 ug/l
 RT: 6.05 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: VX011898.D
 Acq: 30 Aug 2019 04:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0829SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	178893		
67	50.9	0.0	102.2	

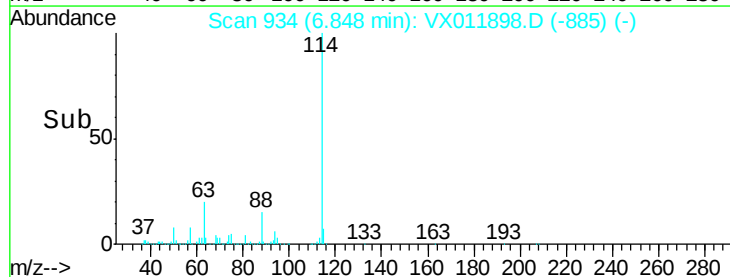
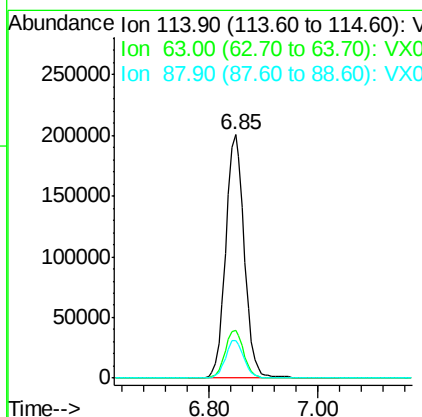
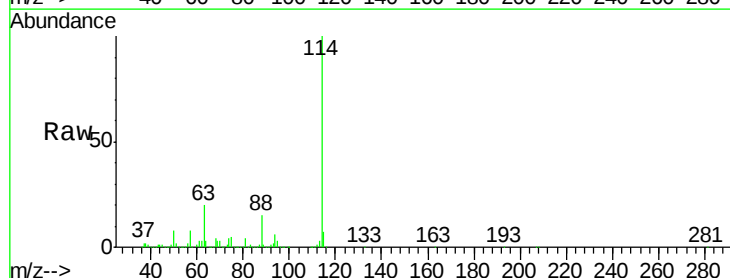
Manual Integrations
 APPROVED

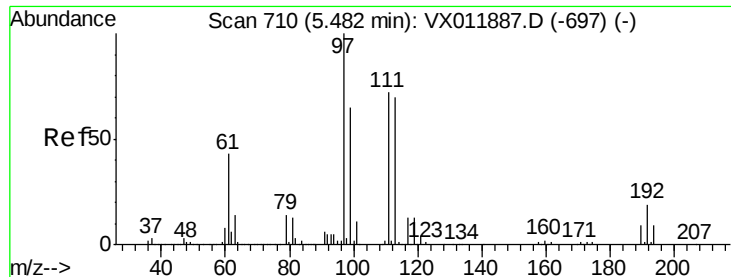
MMDadoda
 9/3/2019 2:39:24 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 934
 Delta R.T. 0.00 min
 Lab File: VX011898.D
 Acq: 30 Aug 2019 04:28

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	477066		
63	19.5	0.0	38.8	
88	15.2	0.0	31.2	





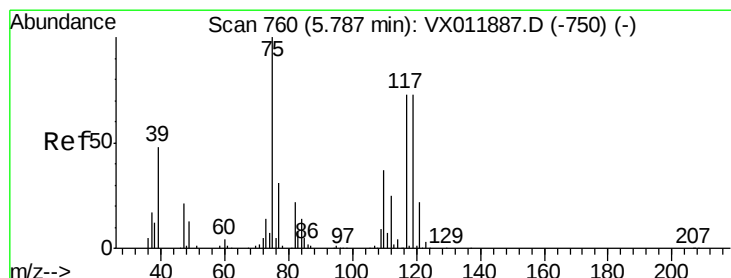
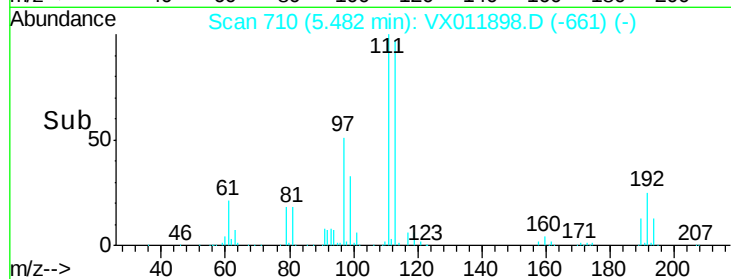
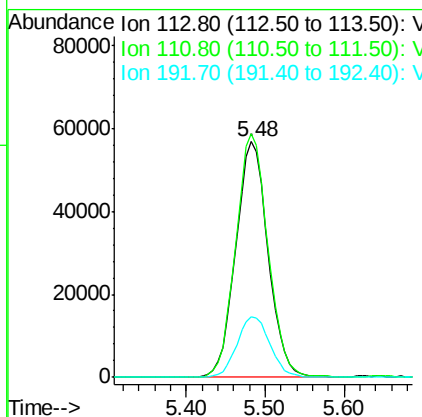
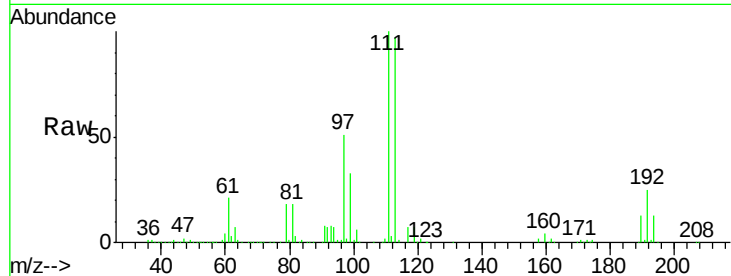
#35
 Dibromofluoromethane
 Concen: 52.939 ug/l
 RT: 5.48 min Scan# 710
 Delta R.T. 0.00 min
 Lab File: VX011898.D
 Acq: 30 Aug 2019 04:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0829SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	161949		
111	103.2	82.1	123.1	
192	26.4	21.5	32.3	

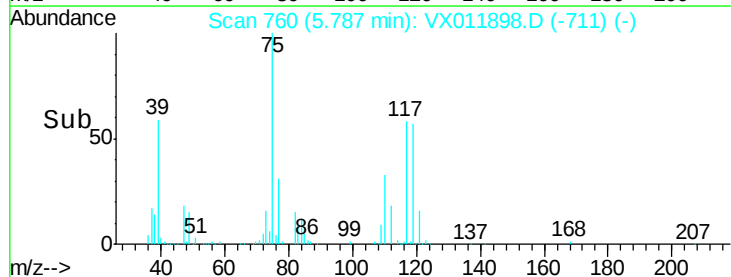
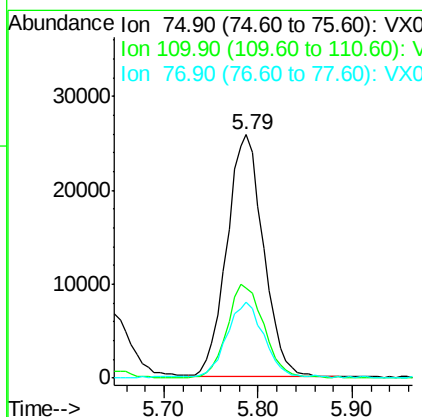
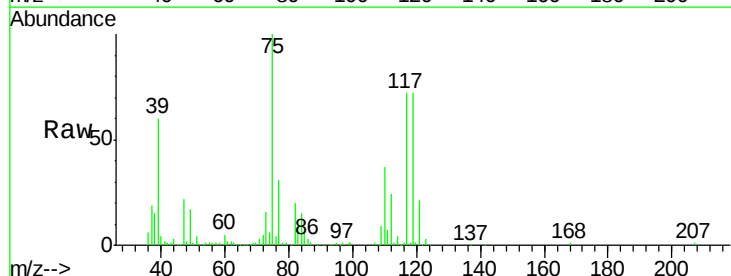
Manual Integrations
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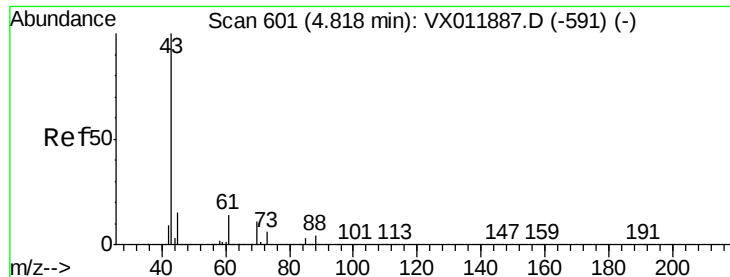
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#36
 1,1-Dichloropropene
 Concen: 18.366 ug/l
 RT: 5.79 min Scan# 760
 Delta R.T. 0.00 min
 Lab File: VX011898.D
 Acq: 30 Aug 2019 04:28

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	69416		
110	39.3	19.1	57.3	
77	30.9	24.4	36.6	





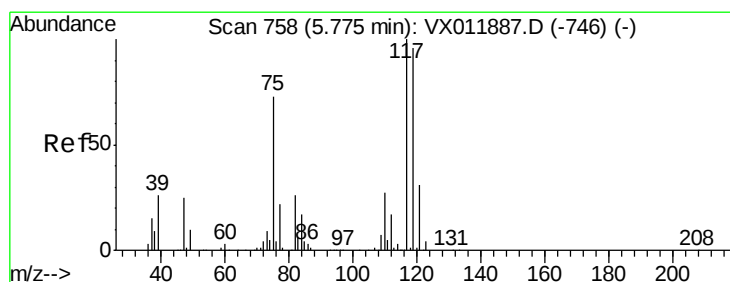
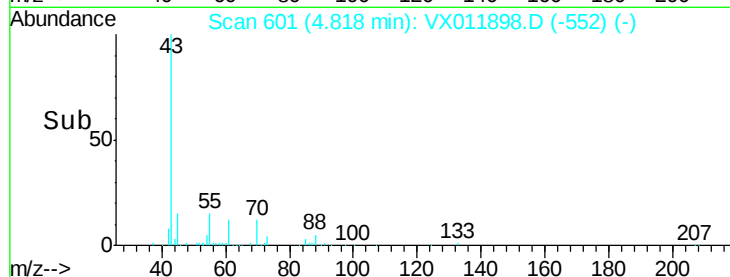
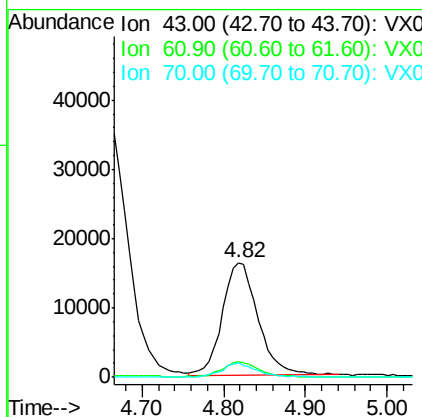
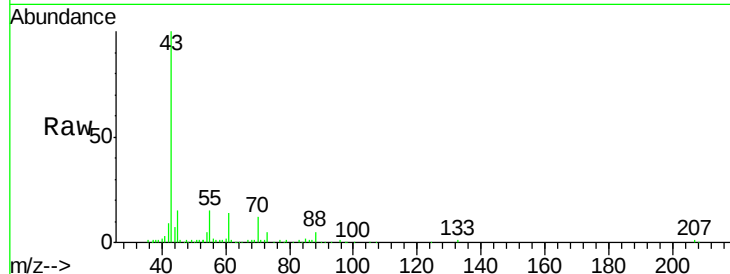
#37
Ethyl Acetate
Concen: 21.810 ug/l
RT: 4.82 min Scan# 601
Delta R.T. 0.00 min
Lab File: VX011898.D
Acq: 30 Aug 2019 04:28

Instrument :
MSVOA_X
ClientSampleId :
VX0829SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.5	11.0	16.4
70	12.6	9.2	13.8

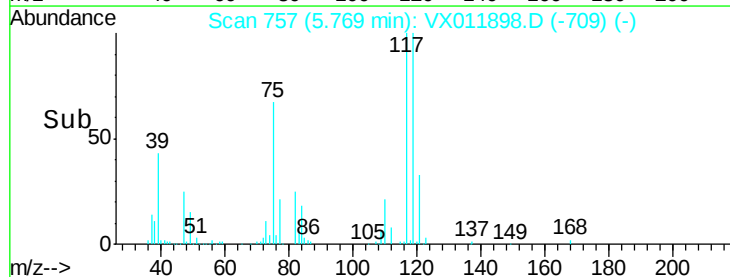
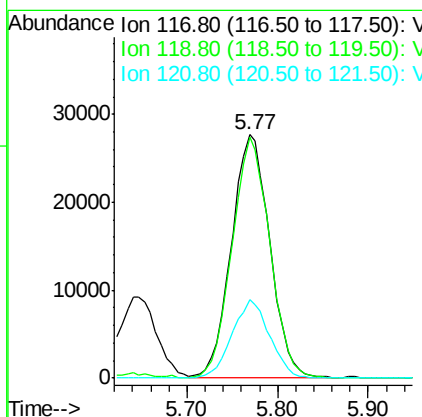
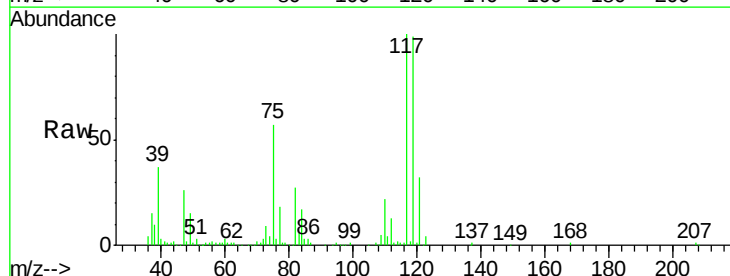
Manual Integrations
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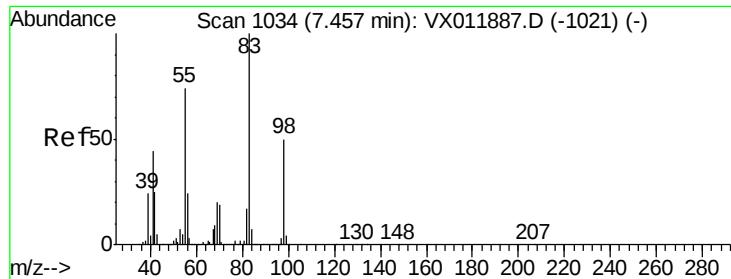
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#38
Carbon Tetrachloride
Concen: 18.479 ug/l
RT: 5.77 min Scan# 757
Delta R.T. -0.01 min
Lab File: VX011898.D
Acq: 30 Aug 2019 04:28

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.1	76.6	114.8
121	32.4	24.7	37.1





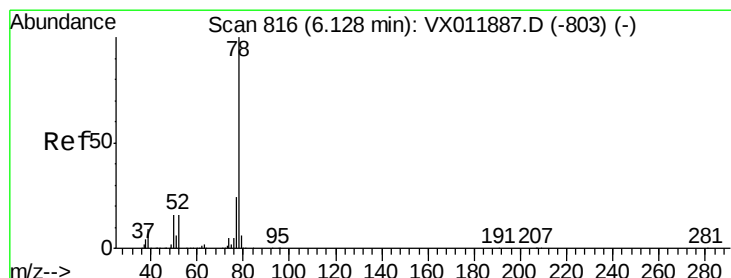
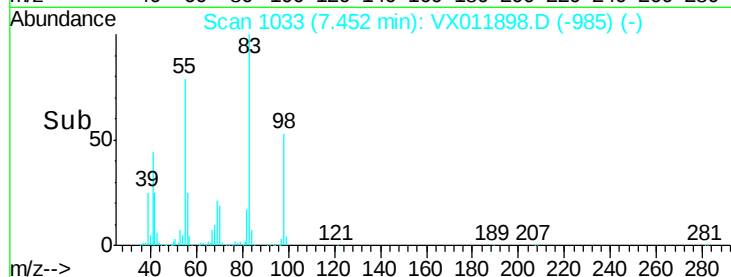
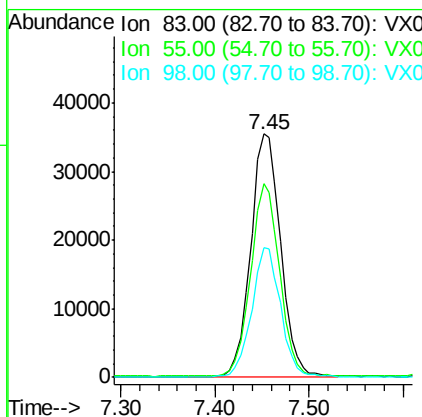
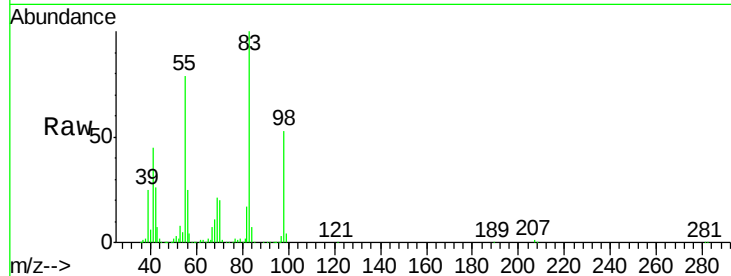
#39
Methylvlcyclohexane
Concen: 17.631 ug/l
RT: 7.45 min Scan# 1033
Delta R.T. -0.01 min
Lab File: VX011898.D
Acq: 30 Aug 2019 04:28

Instrument :
MSVOA_X
ClientSampleId :
VX0829SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.0	59.4	89.0
98	53.2	40.3	60.5

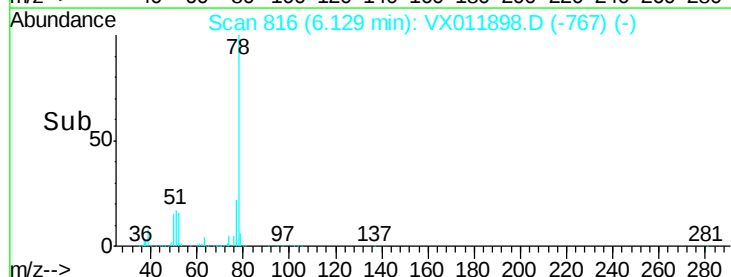
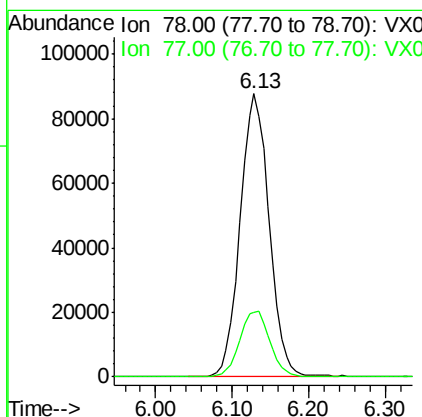
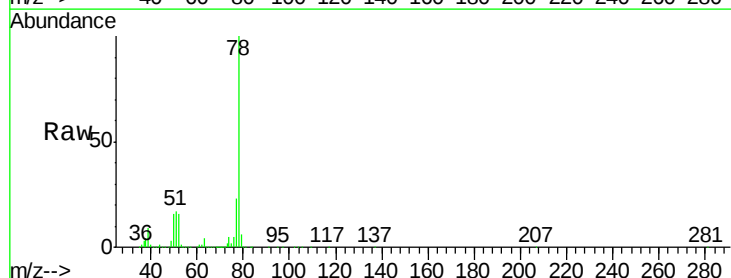
Manual Integrations
APPROVED

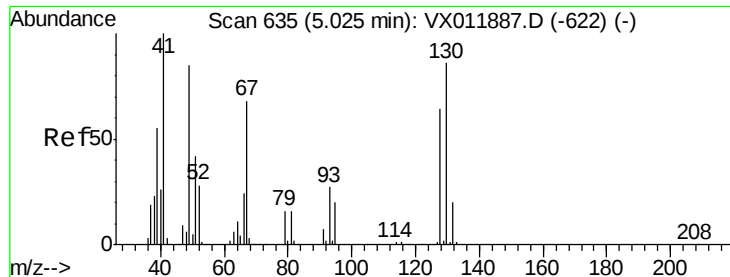
MMDadoda
9/3/2019 2:39:24 AM



#40
Benzene
Concen: 20.456 ug/l
RT: 6.13 min Scan# 816
Delta R.T. 0.00 min
Lab File: VX011898.D
Acq: 30 Aug 2019 04:28

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.7	19.0	28.6





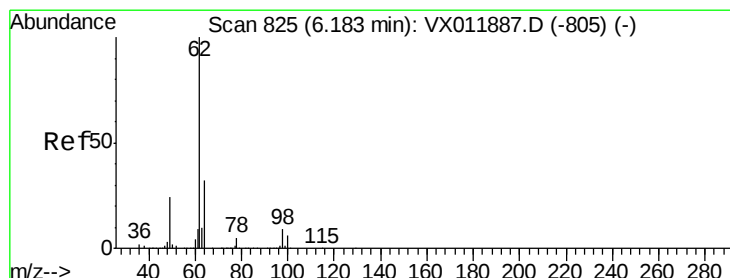
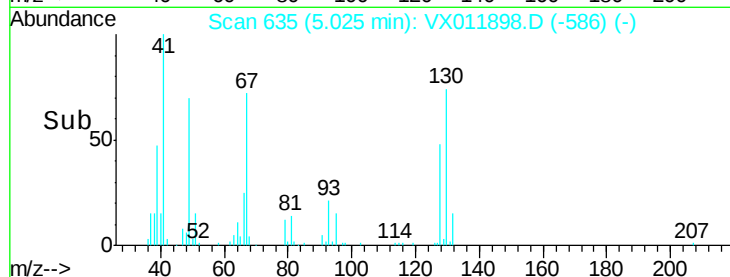
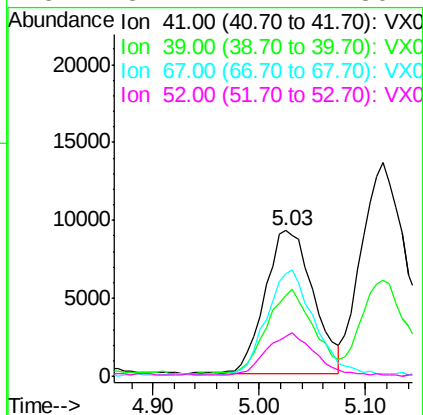
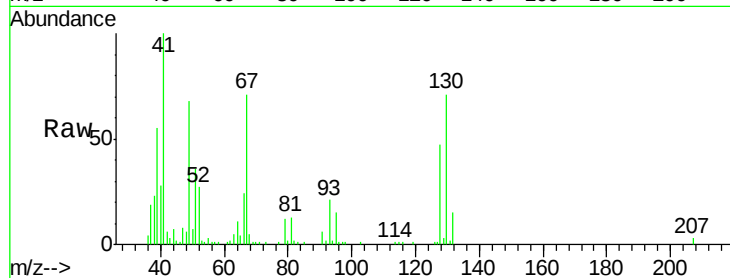
#41
Methacrylonitrile
Concen: 21.846 ug/l
RT: 5.03 min Scan# 635
Delta R.T. 0.00 min
Lab File: VX011898.D
Acq: 30 Aug 2019 04:28

Instrument :
MSVOA_X
ClientSampleId :
VX0829SBS01

Tot Ion	Ion	Ratio	Lower	Upper
28777	41	100		
	39	57.5	45.0	67.6
	67	72.0	55.0	82.4
	52	32.1	24.1	36.1

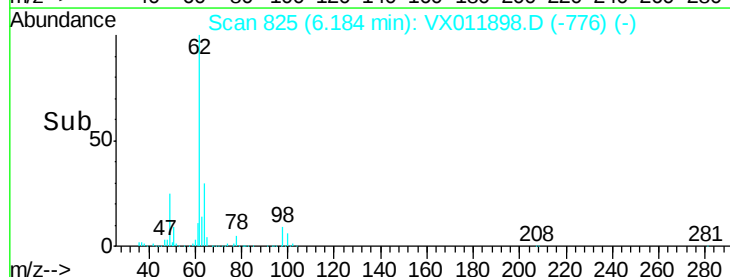
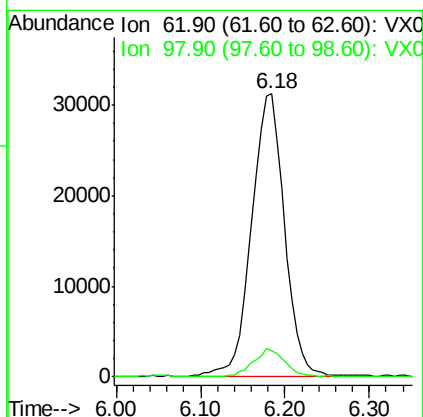
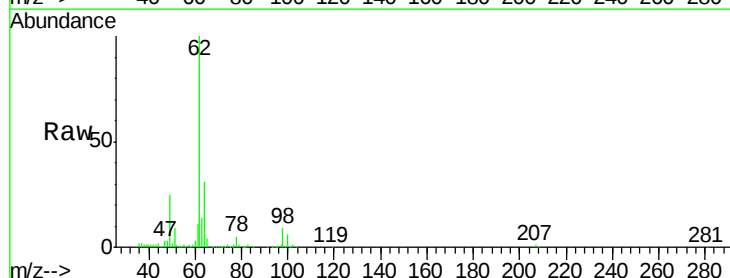
Manual Integrations
APPROVED

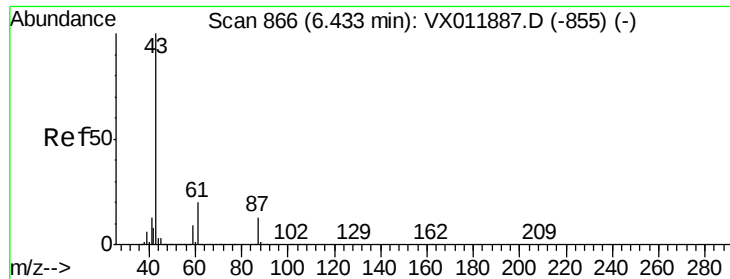
MMDadoda
9/3/2019 2:39:24 AM



#42
1,2-Dichloroethane
Concen: 21.650 ug/l
RT: 6.18 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX011898.D
Acq: 30 Aug 2019 04:28

Tgt Ion	Ion	Ratio	Lower	Upper
83060	62	100		
	98	9.8	0.0	19.2





#43

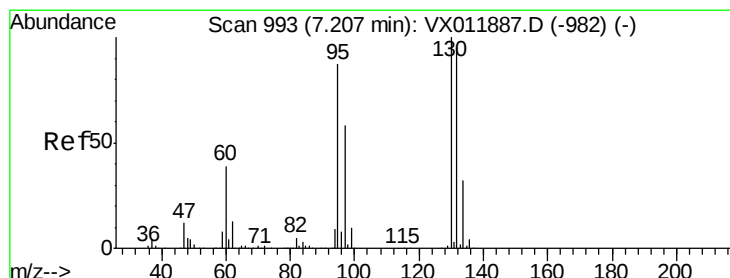
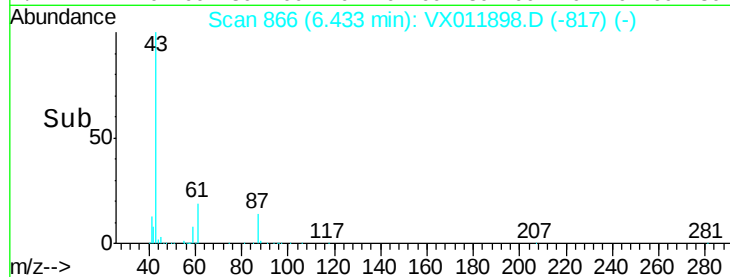
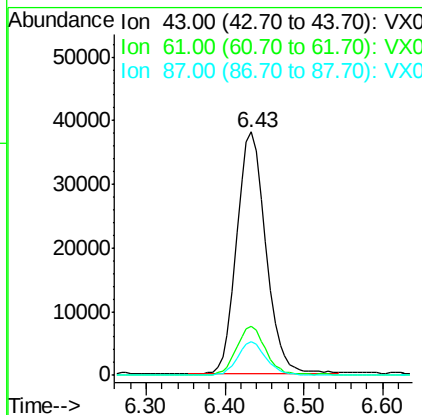
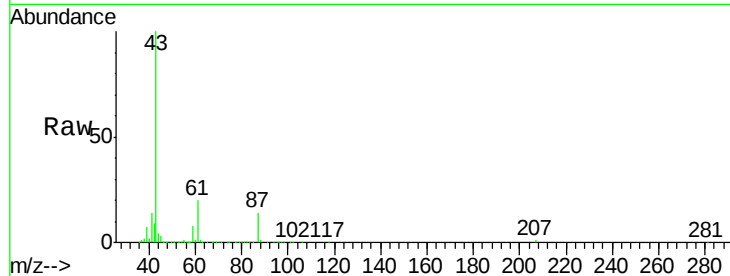
Isopropyl Acetate
 Concen: 21.673 ug/l
 RT: 6.43 min Scan# 866
 Delta R.T. 0.00 min
 Lab File: VX011898.D
 Acq: 30 Aug 2019 04:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0829SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.5	16.1	24.1
87	13.8	10.6	16.0

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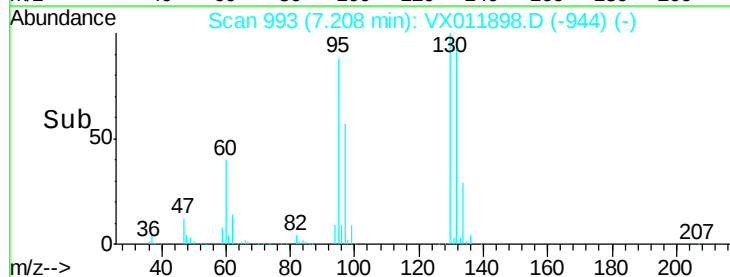
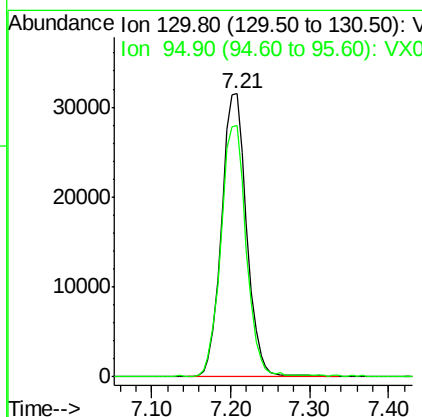
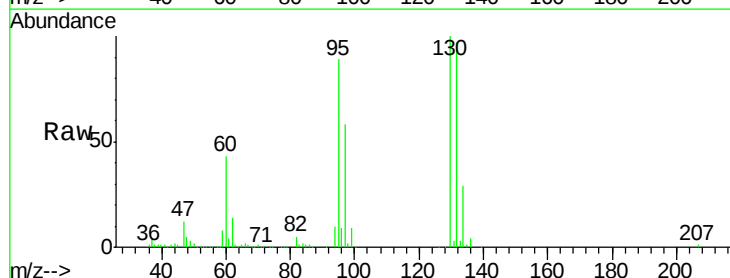
MMDadoda
 9/3/2019 2:39:24 AM

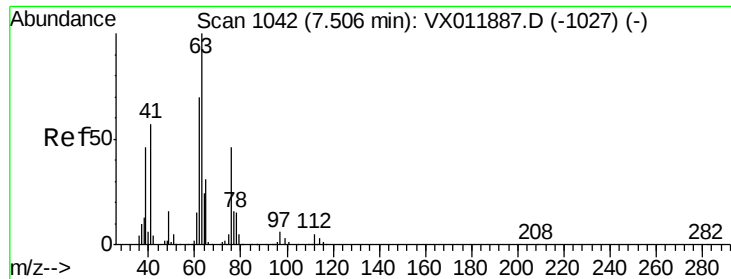


#44

Trichloroethene
 Concen: 20.049 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. 0.00 min
 Lab File: VX011898.D
 Acq: 30 Aug 2019 04:28

Tgt Ion	Ratio	Lower	Upper
130	100		
95	88.6	0.0	174.6





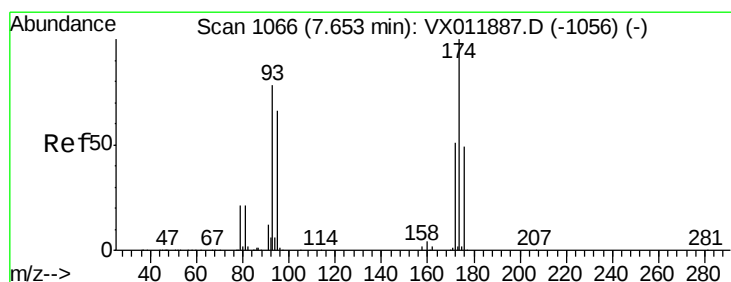
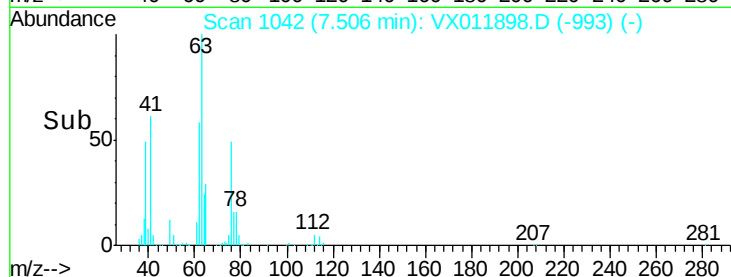
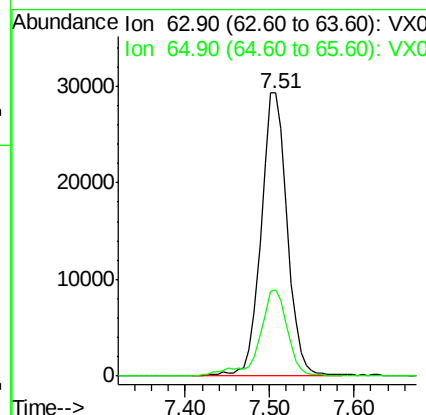
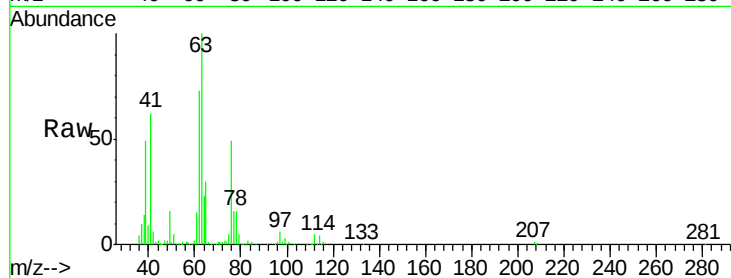
#45
 1,2-Dichloropropane
 Concen: 21.198 ug/l
 RT: 7.51 min Scan# 1042
 Delta R.T. 0.00 min
 Lab File: VX011898.D
 Acq: 30 Aug 2019 04:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0829SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.0	25.1	37.7

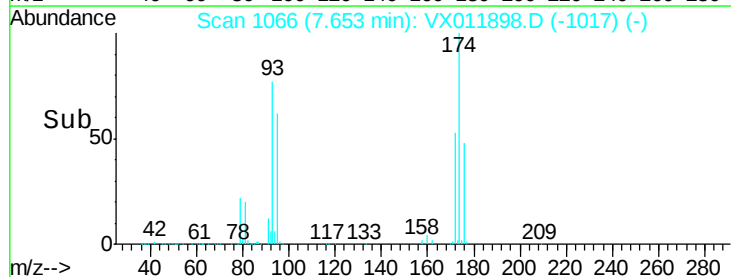
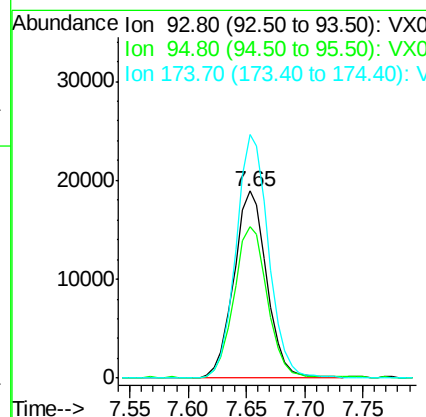
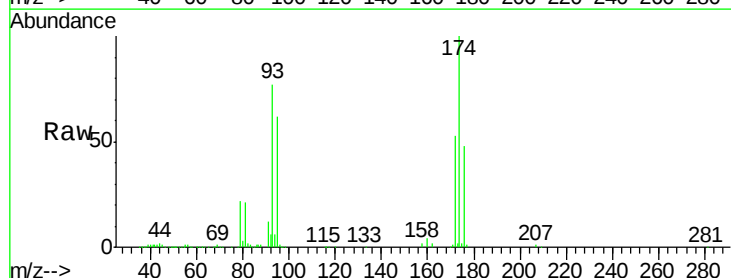
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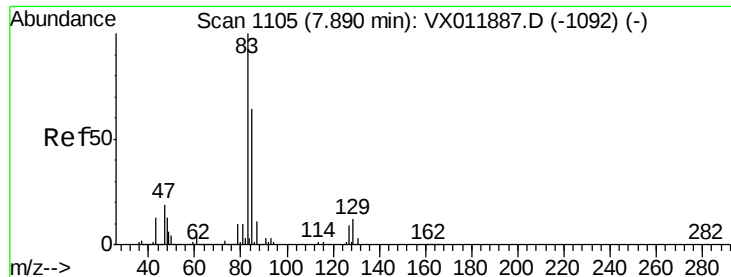
MMDadoda
 9/3/2019 2:39:24 AM



#46
 Dibromomethane
 Concen: 21.321 ug/l
 RT: 7.65 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: VX011898.D
 Acq: 30 Aug 2019 04:28

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.5	65.7	98.5
174	128.5	104.2	156.4





#47

Bromodichloromethane

Concen: 21.369 ug/l

RT: 7.89 min Scan# 1105

Delta R.T. 0.00 min

Lab File: VX011898.D

Acq: 30 Aug 2019 04:28

Instrument :

MSVOA_X

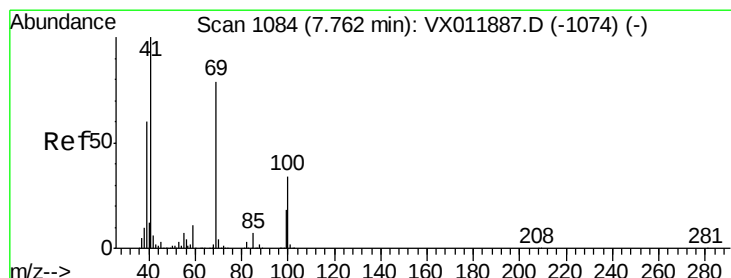
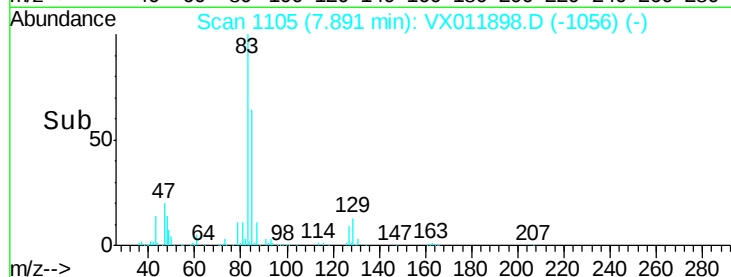
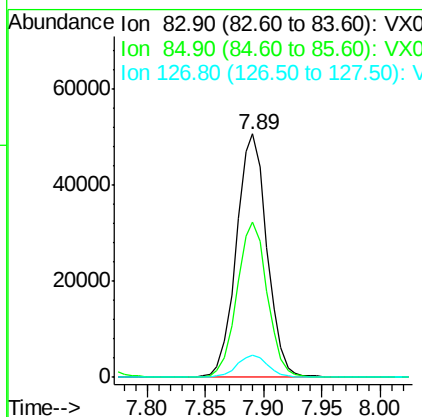
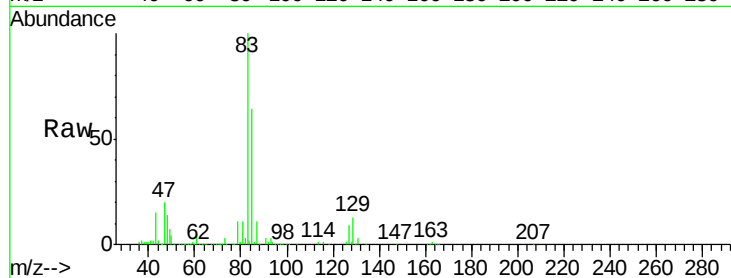
ClientSampleId :

VX0829SBS01

Tot Ion:	83	Resp:	92802
Ion	Ratio	Lower	Upper
83	100		
85	63.7	51.1	76.7
127	9.2	7.4	11.2

Manual Integrations
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MMDadoda
9/3/2019 2:39:24 AM



#48

Methyl methacrylate

Concen: 21.915 ug/l

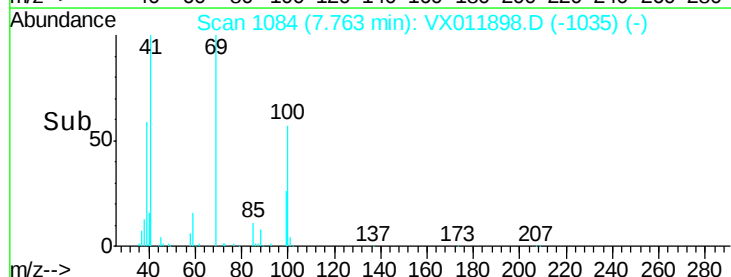
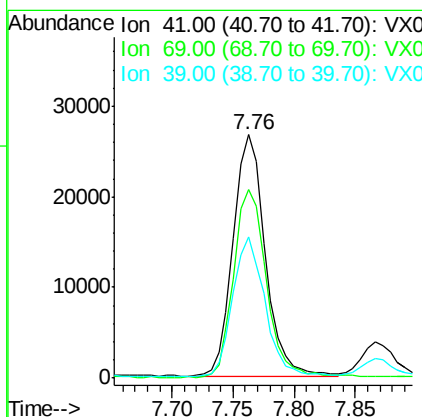
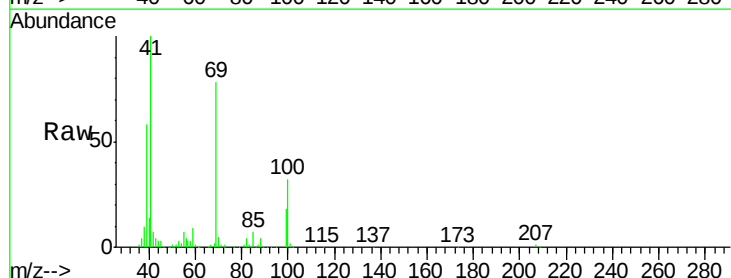
RT: 7.76 min Scan# 1084

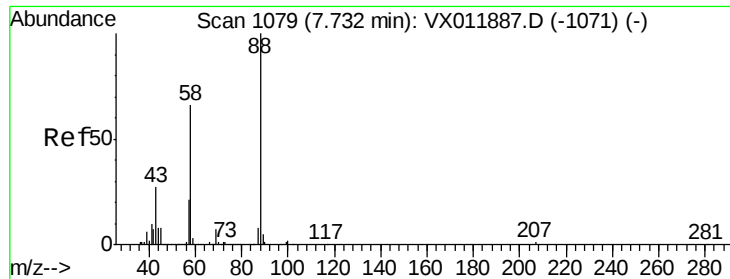
Delta R.T. 0.00 min

Lab File: VX011898.D

Acq: 30 Aug 2019 04:28

Tgt Ion:	41	Resp:	48365
Ion	Ratio	Lower	Upper
41	100		
69	79.9	64.4	96.6
39	58.7	47.2	70.8





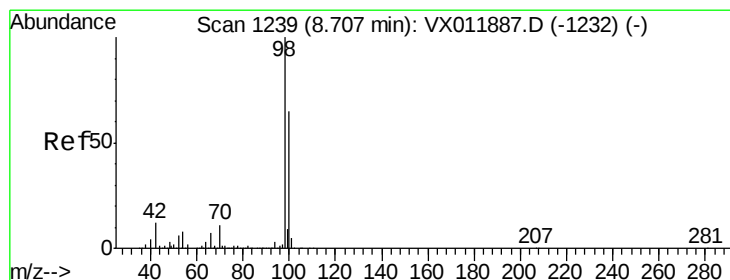
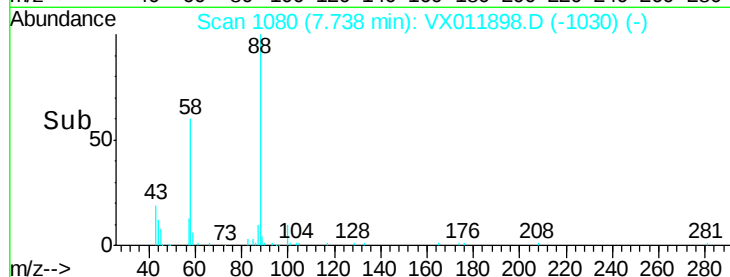
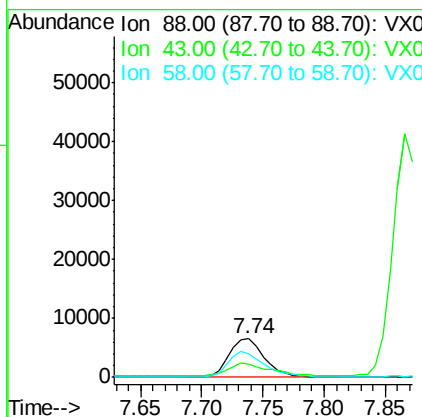
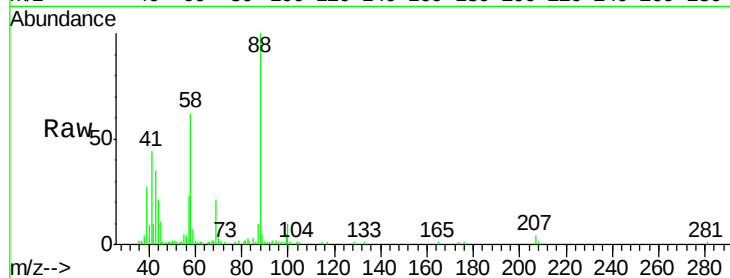
#49
1,4-Dioxane
Concen: 437.971 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.01 min
Lab File: VX011898.D
Acq: 30 Aug 2019 04:28

Instrument :
MSVOA_X
ClientSampleId :
VX0829SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	41.0	27.3	40.9#
58	66.7	53.9	80.9

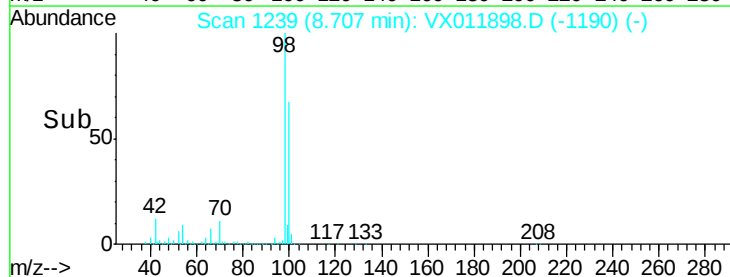
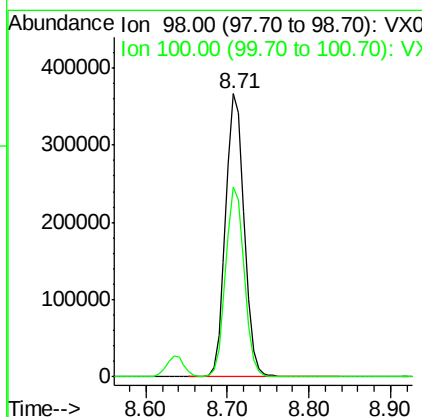
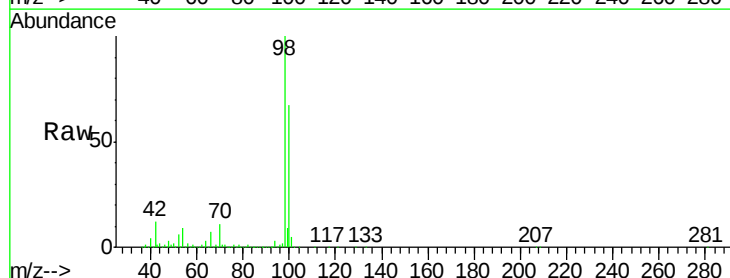
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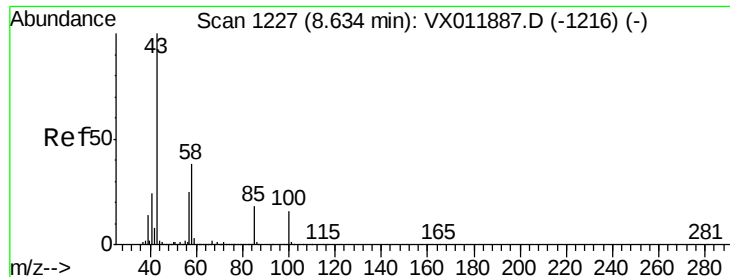
MMDadoda
9/3/2019 2:39:24 AM



#50
Toluene-d8
Concen: 52.949 ug/l
RT: 8.71 min Scan# 1239
Delta R.T. 0.00 min
Lab File: VX011898.D
Acq: 30 Aug 2019 04:28

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.9	53.0	79.6





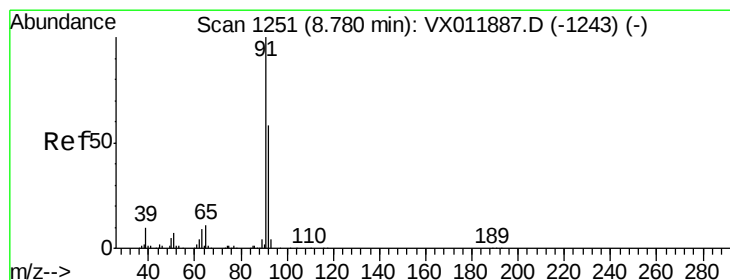
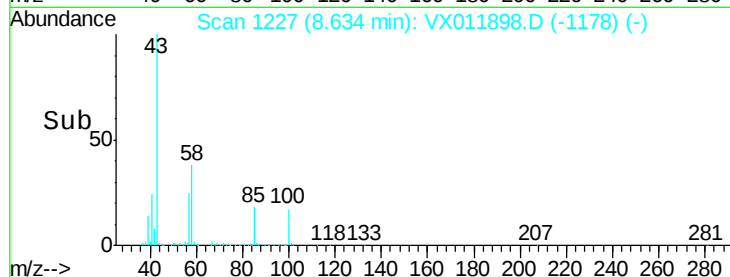
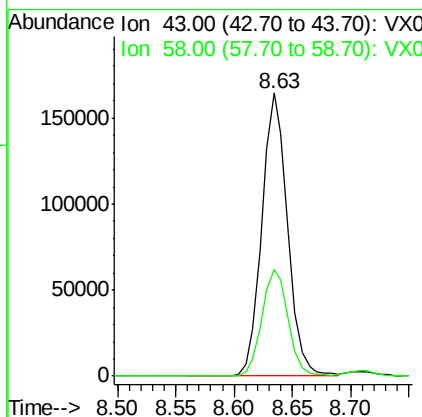
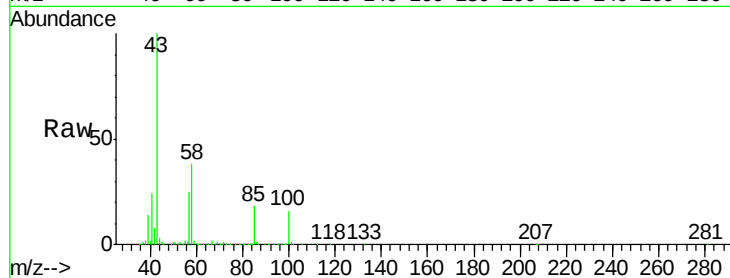
#51
4-Methyl-2-Pentanone
Concen: 109.342 ug/l
RT: 8.63 min Scan# 1227
Delta R.T. 0.00 min
Lab File: VX011898.D
Acq: 30 Aug 2019 04:28

Instrument :
MSVOA_X
ClientSampleId :
VX0829SBS01

Tot Ion	43	Resp	251953
Ion Ratio	100	Lower	Upper
43	100		
58	38.4	30.9	46.3

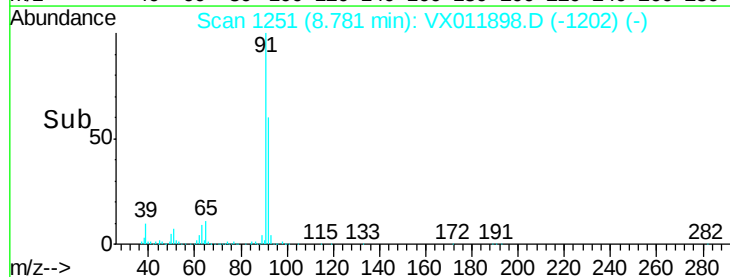
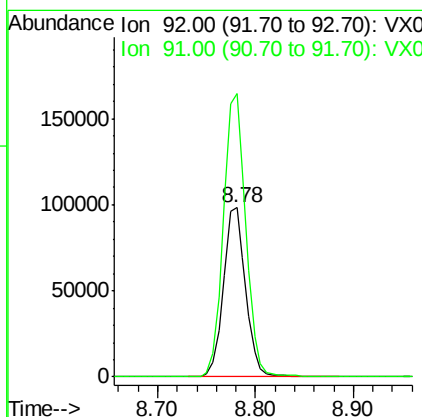
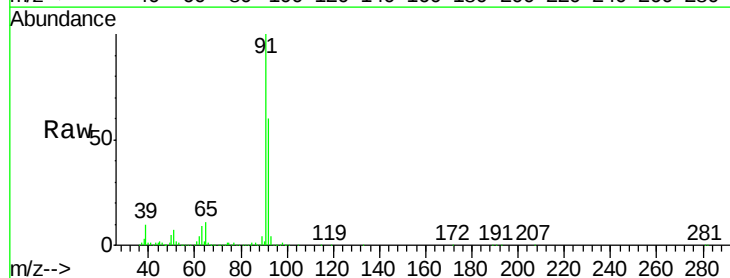
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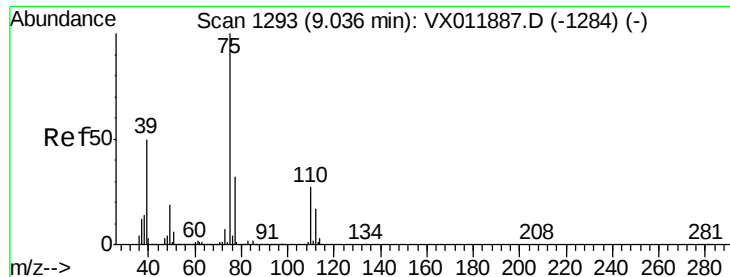
MMDadoda
9/3/2019 2:39:24 AM



#52
Toluene
Concen: 20.654 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. 0.00 min
Lab File: VX011898.D
Acq: 30 Aug 2019 04:28

Tgt Ion	92	Resp	154152
Ion Ratio	100	Lower	Upper
92	100		
91	169.1	136.8	205.2





#53

t-1,3-Dichloropropene

Concen: 20.514 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX011898.D

Acq: 30 Aug 2019 04:28

Instrument :

MSVOA_X

ClientSampleId :

VX0829SBS01

Tot Ion: 75 Resp: 91256

Ion Ratio Lower Upper

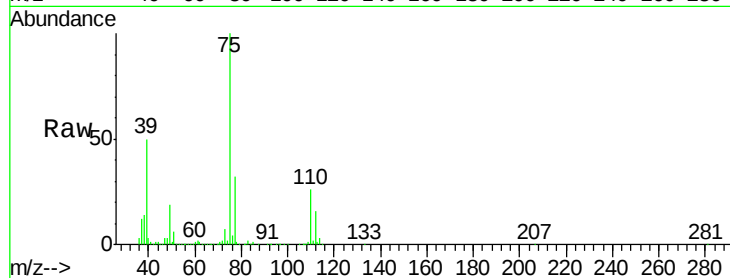
75 100

77 31.4 25.6 38.4

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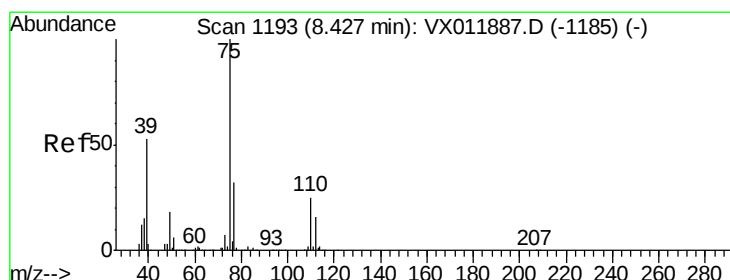
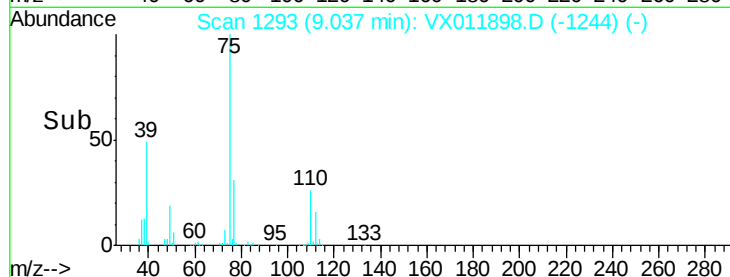
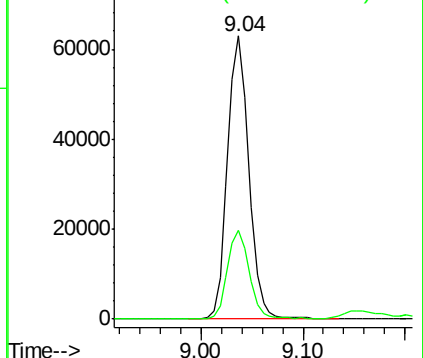
MMDadoda

9/3/2019 2:39:24 AM



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 20.480 ug/l

RT: 8.43 min Scan# 1193

Delta R.T. 0.00 min

Lab File: VX011898.D

Acq: 30 Aug 2019 04:28

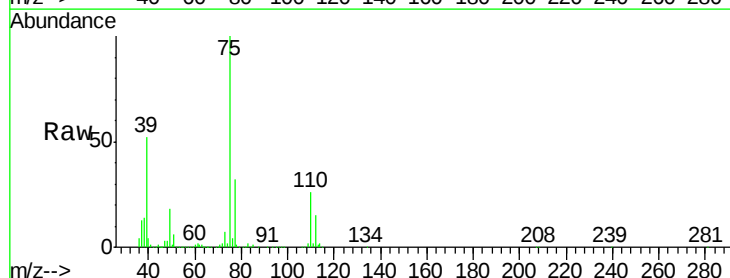
Tgt Ion: 75 Resp: 102269

Ion Ratio Lower Upper

75 100

77 31.5 25.5 38.3

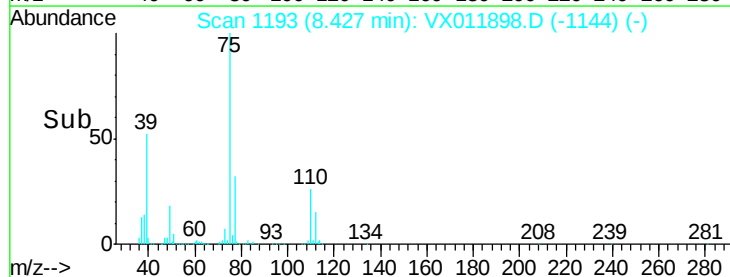
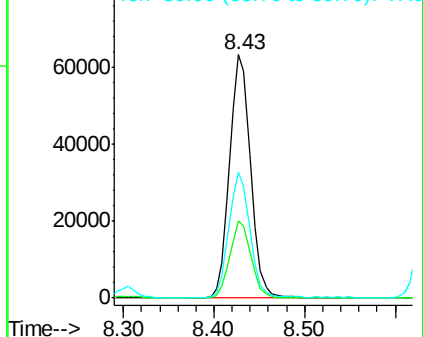
39 51.4 42.6 64.0

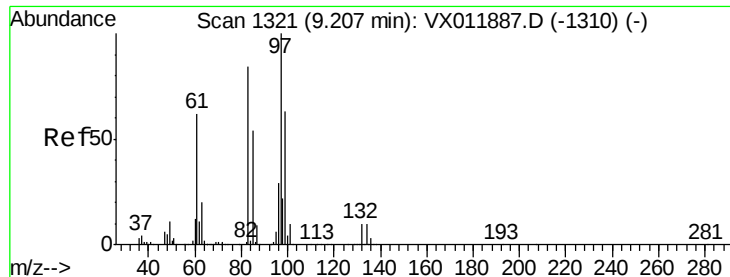


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





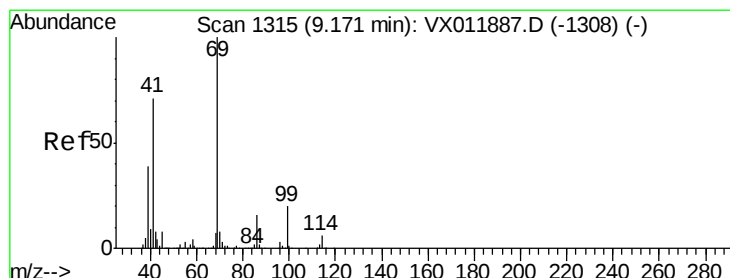
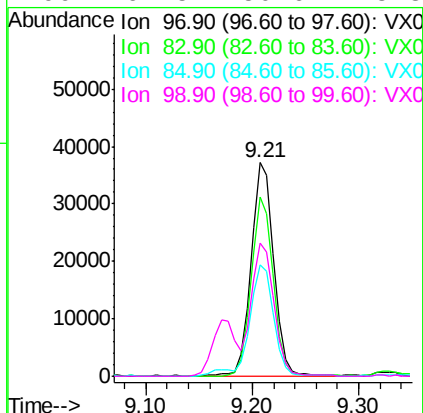
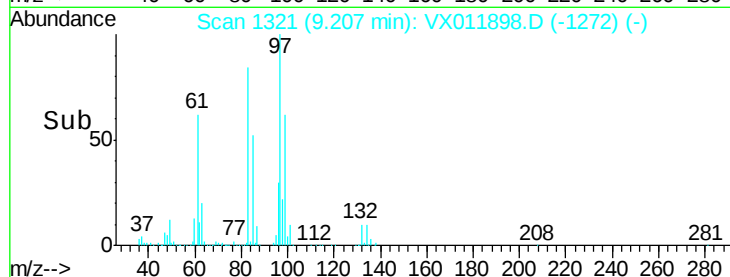
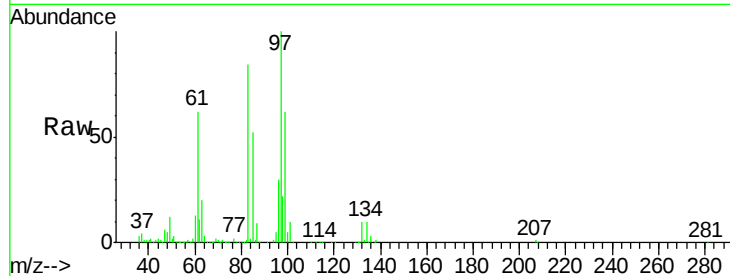
#55
 1,1,2-Trichloroethane
 Concen: 21.446 ug/l
 RT: 9.21 min Scan# 1321
 Delta R.T. 0.00 min
 Lab File: VX011898.D
 Acq: 30 Aug 2019 04:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0829SBS01

Tot Ion:	97	Resp:	54987
Ion	Ratio	Lower	Upper
97	100		
83	83.7	66.8	100.2
85	52.4	43.5	65.3
99	62.5	50.6	75.8

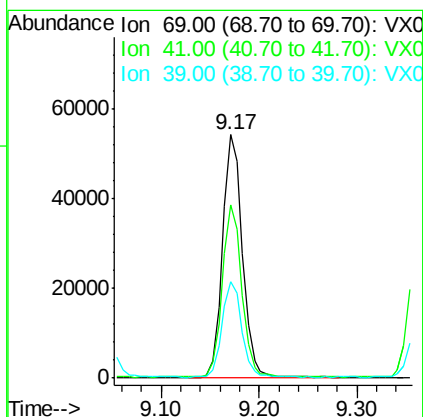
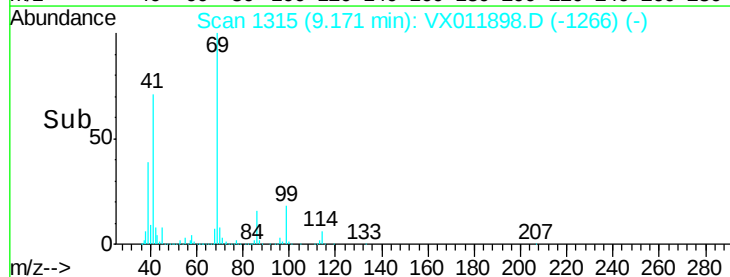
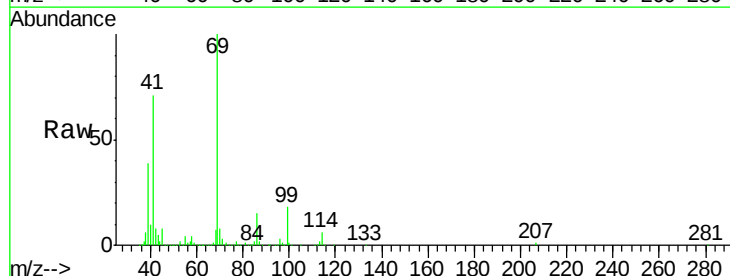
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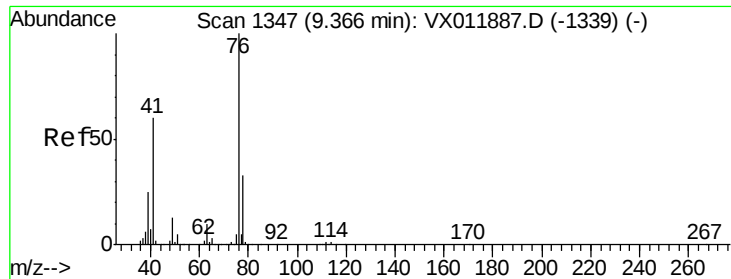
MMDadoda
 9/3/2019 2:39:24 AM



#56
 Ethyl methacrylate
 Concen: 21.391 ug/l
 RT: 9.17 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VX011898.D
 Acq: 30 Aug 2019 04:28

Tgt Ion:	69	Resp:	76118
Ion	Ratio	Lower	Upper
69	100		
41	70.2	55.8	83.8
39	39.0	31.1	46.7





#57

1,3-Dichloropropane

Concen: 21.641 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. 0.00 min

Lab File: VX011898.D

Acq: 30 Aug 2019 04:28

Instrument :

MSVOA_X

ClientSampleId :

VX0829SBS01

Tot Ion: 76 Resp: 92095

Ion Ratio Lower Upper

76 100

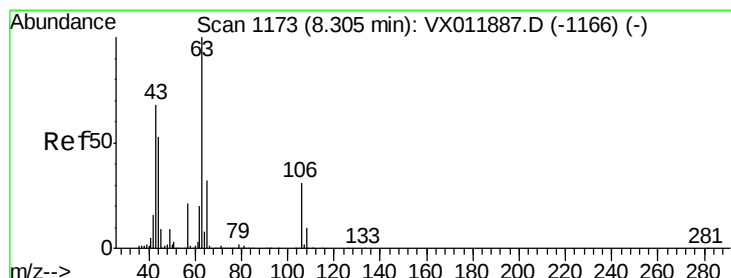
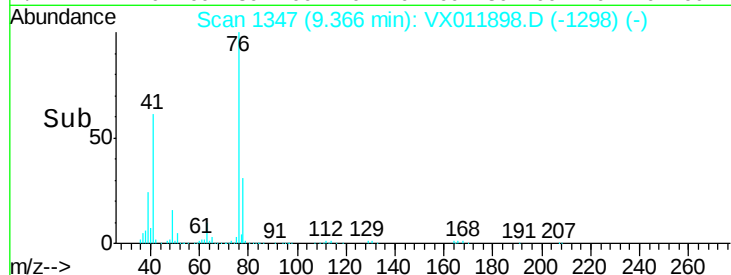
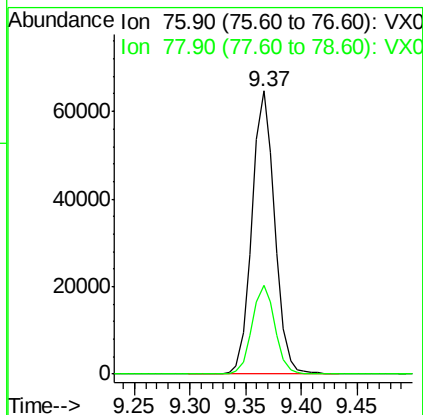
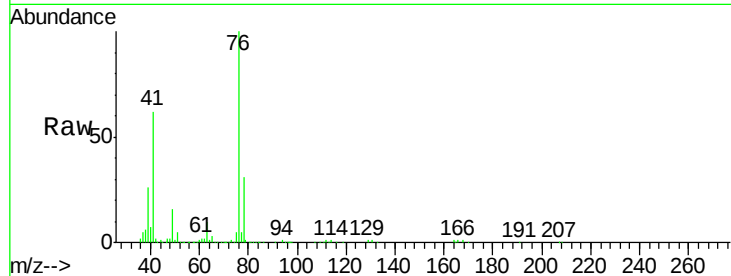
78 31.3 26.4 39.6

Manual Integrations

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MMDadoda

9/3/2019 2:39:24 AM



#58

2-Chloroethyl Vinyl ether

Concen: 101.886 ug/l

RT: 8.31 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VX011898.D

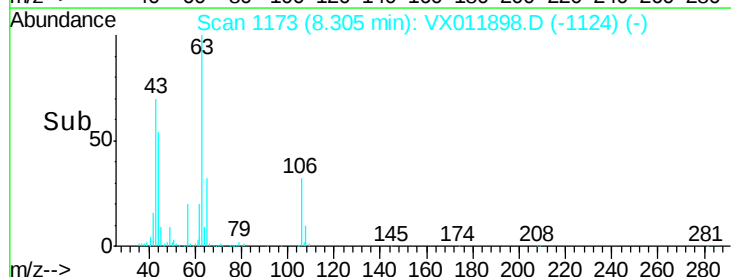
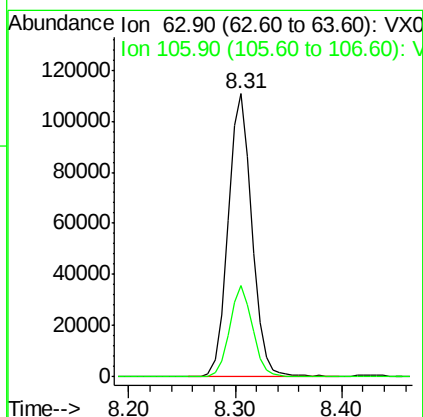
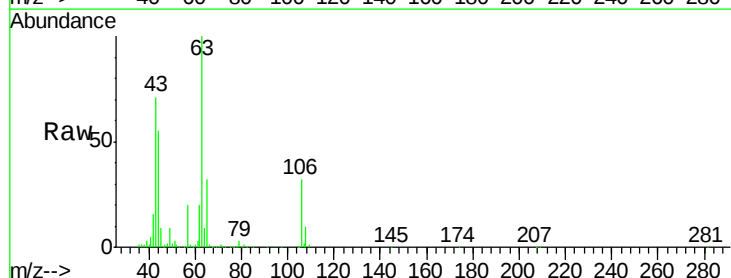
Acq: 30 Aug 2019 04:28

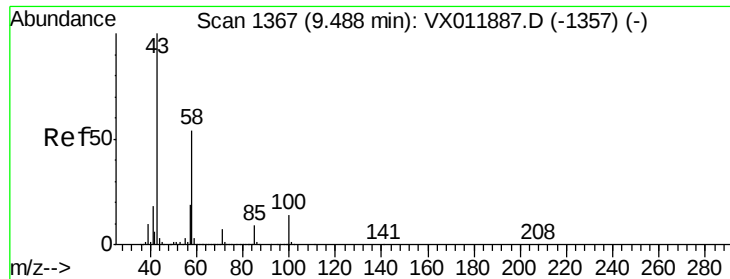
Tgt Ion: 63 Resp: 172683

Ion Ratio Lower Upper

63 100

106 31.6 24.8 37.2





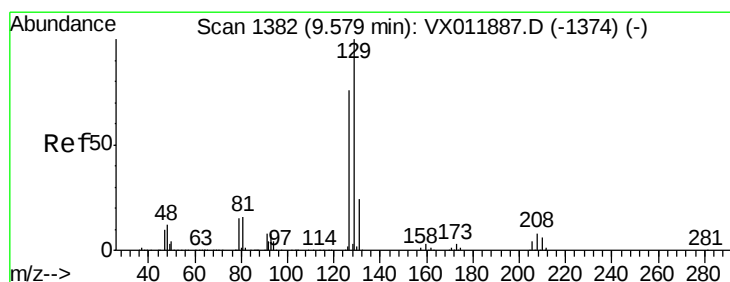
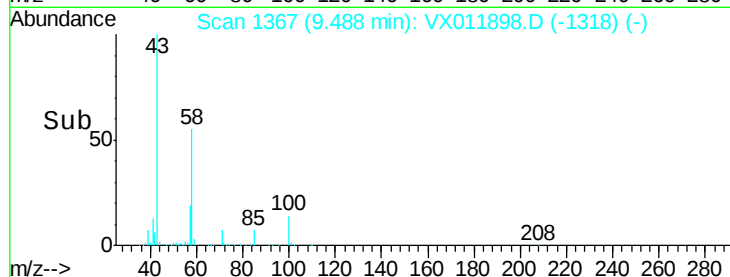
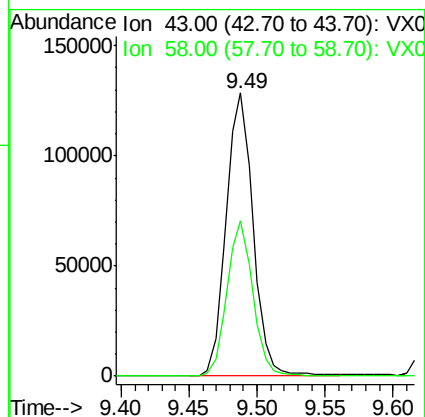
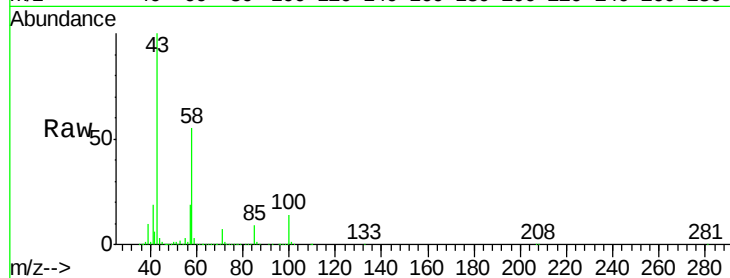
#59
2-Hexanone
Concen: 107.227 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX011898.D
Acq: 30 Aug 2019 04:28

Instrument :
MSVOA_X
ClientSampleId :
VX0829SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	53.4	26.8	80.4

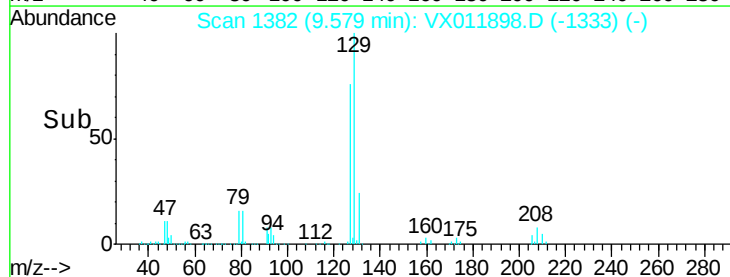
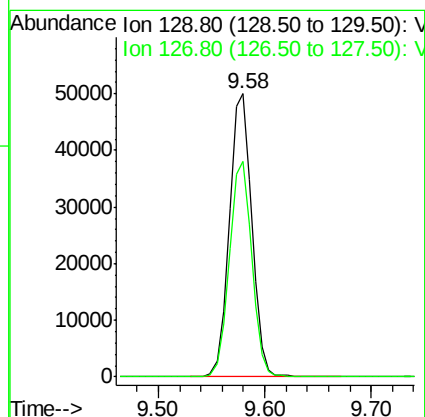
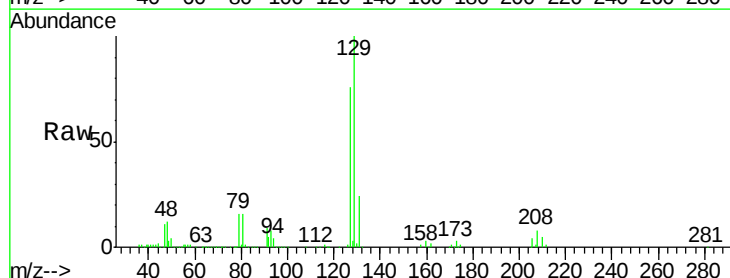
Manual Integrations
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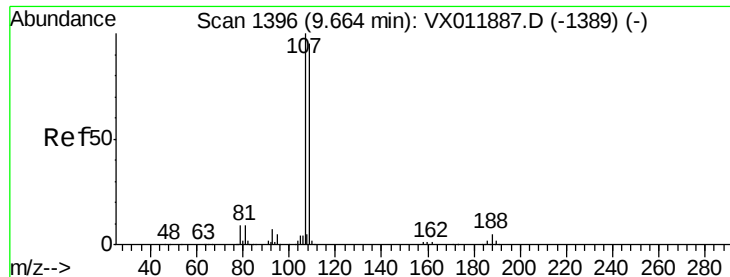
MMDadoda
9/3/2019 2:39:24 AM



#60
Dibromochloromethane
Concen: 21.515 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011898.D
Acq: 30 Aug 2019 04:28

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.2	38.6	115.7





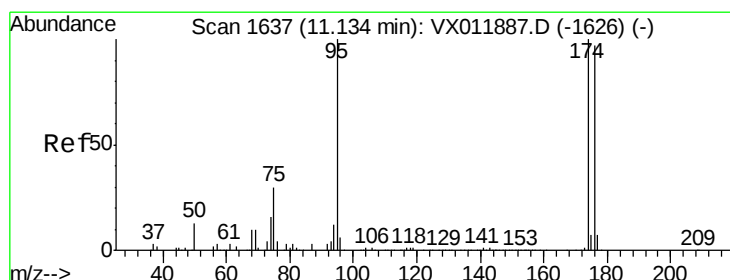
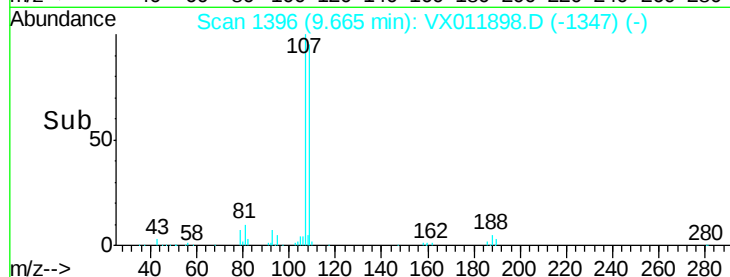
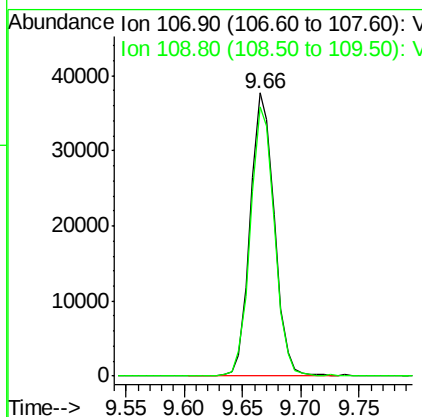
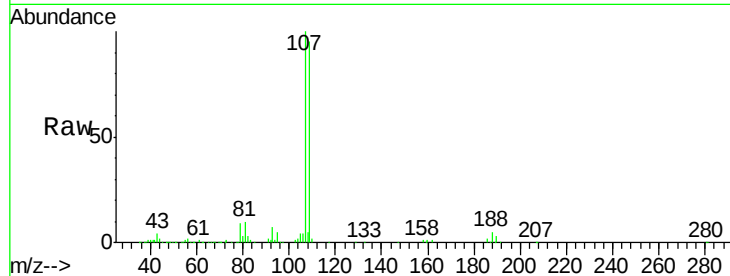
#61
 1,2-Dibromoethane
 Concen: 21.559 ug/l
 RT: 9.66 min Scan# 1396
 Delta R.T. 0.00 min
 Lab File: VX011898.D
 Acq: 30 Aug 2019 04:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0829SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.1	75.3	112.9

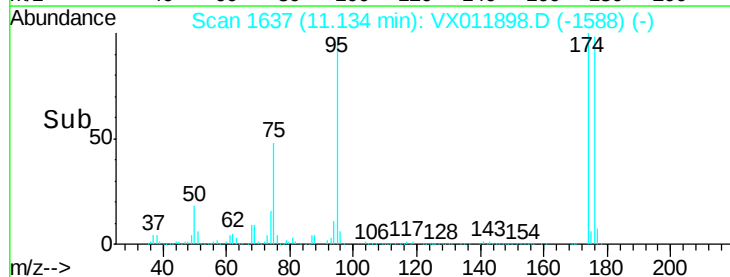
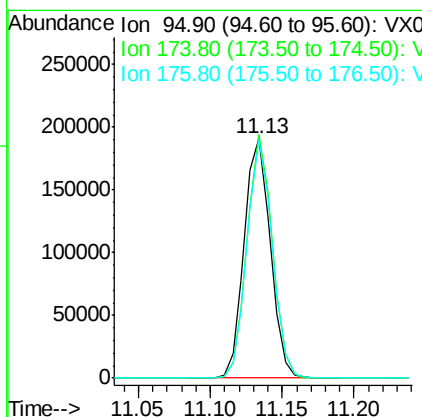
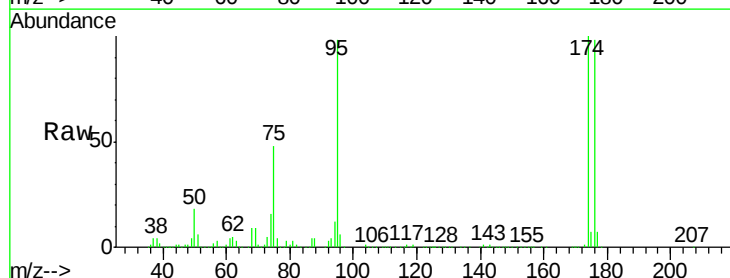
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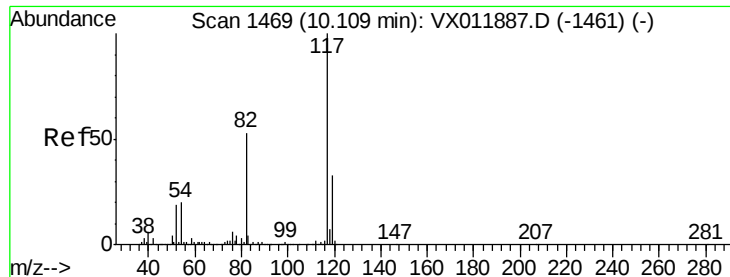
MMDadoda
 9/3/2019 2:39:24 AM



#62
 4-Bromofluorobenzene
 Concen: 50.087 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX011898.D
 Acq: 30 Aug 2019 04:28

Tgt Ion	Ratio	Lower	Upper
95	100		
174	97.5	0.0	196.0
176	95.6	0.0	191.4





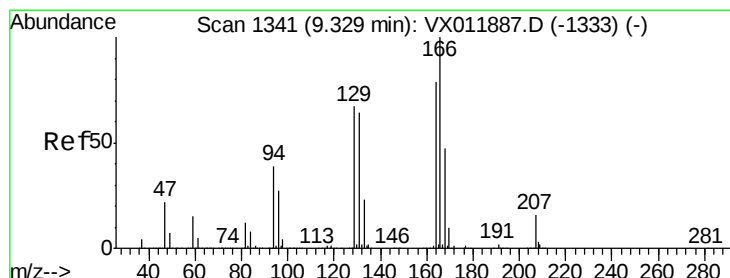
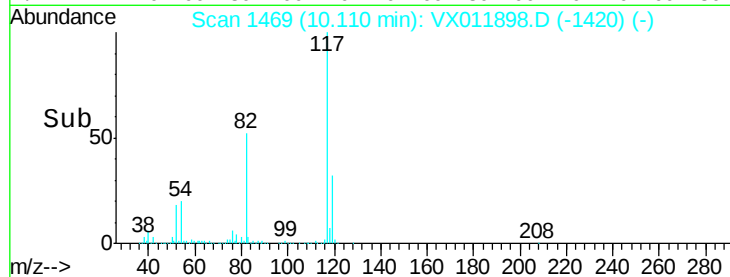
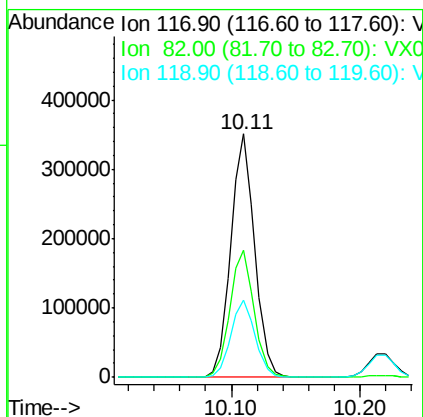
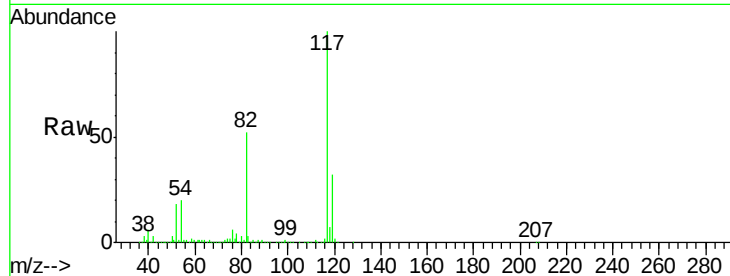
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011898.D
Acq: 30 Aug 2019 04:28

Instrument :
MSVOA_X
ClientSampleId :
VX0829SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.2	42.0	63.0
119	31.6	26.2	39.4

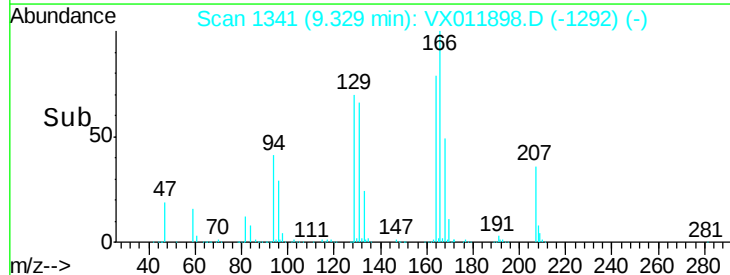
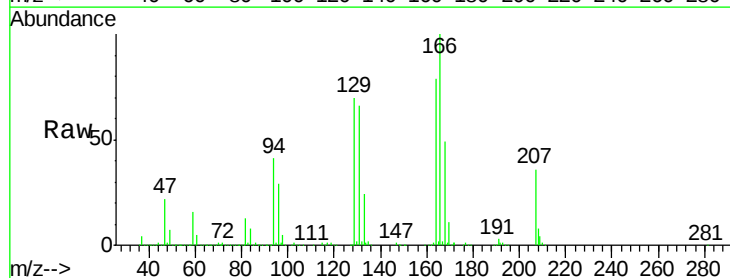
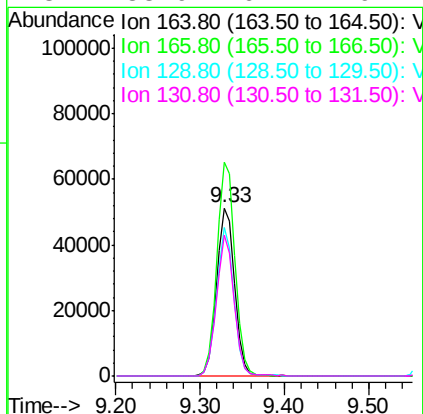
Manual Integrations
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#64
Tetrachloroethene
Concen: 20.742 ug/l
RT: 9.33 min Scan# 1341
Delta R.T. 0.00 min
Lab File: VX011898.D
Acq: 30 Aug 2019 04:28

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.2	101.4	152.0
129	88.8	68.0	102.0
131	83.9	64.7	97.1





#65

Chlorobenzene

Concen: 20.463 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. 0.00 min

Lab File: VX011898.D

Acq: 30 Aug 2019 04:28

Instrument :

MSVOA_X

ClientSampleId :

VX0829SBS01

Tot Ion:112 Resp: 180509

Ion Ratio Lower Upper

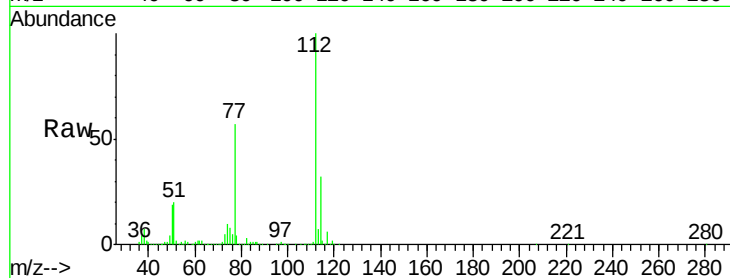
112 100

114 31.8 25.9 38.9

Manual Integrations
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.13

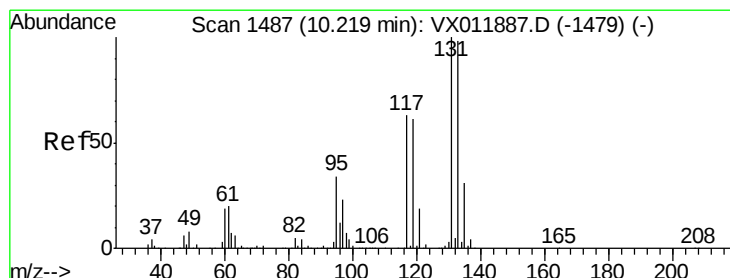
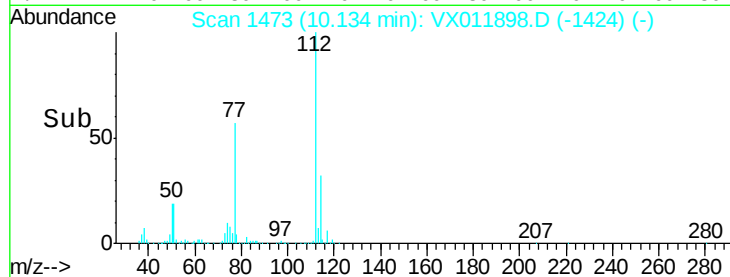
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 20.911 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX011898.D

Acq: 30 Aug 2019 04:28

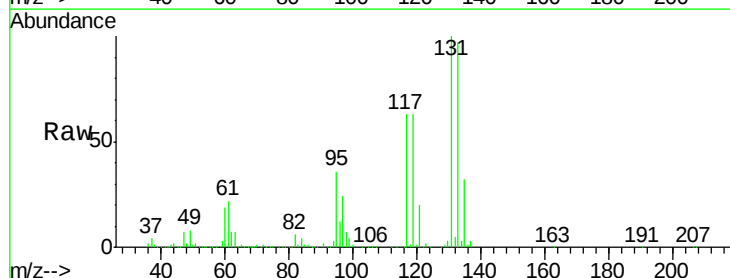
Tgt Ion:131 Resp: 74594

Ion Ratio Lower Upper

131 100

133 95.6 48.4 145.0

119 62.2 30.6 92.0



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.22

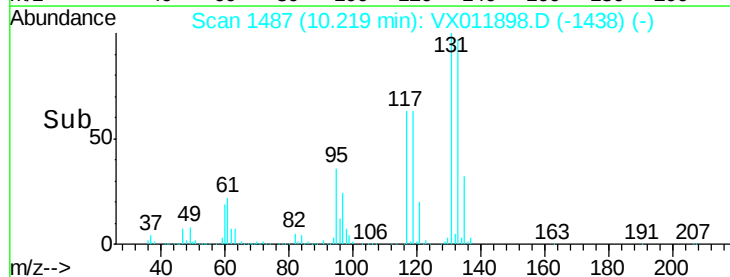
150000

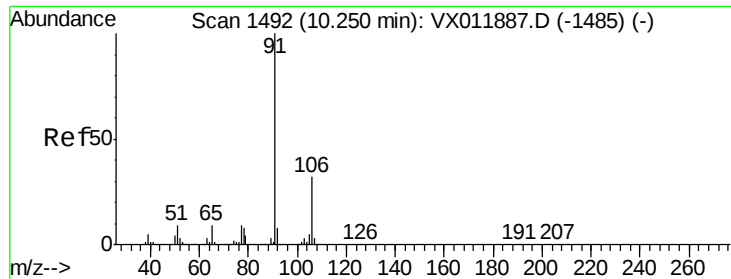
100000

50000

0

Time-->





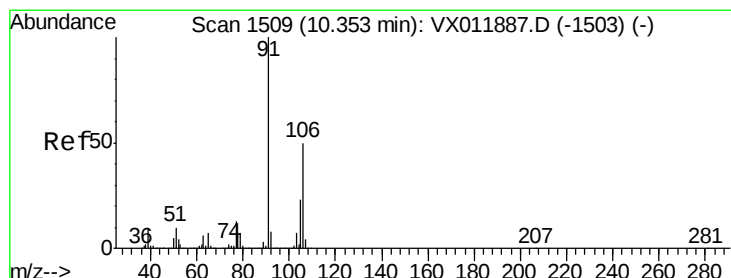
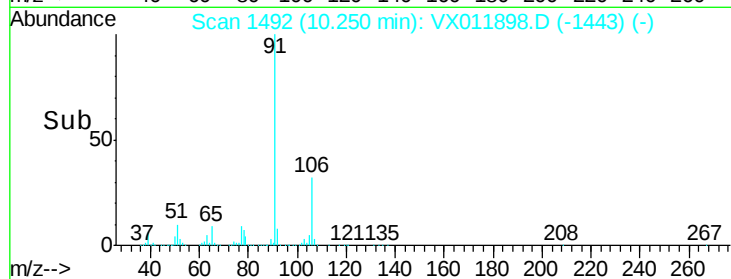
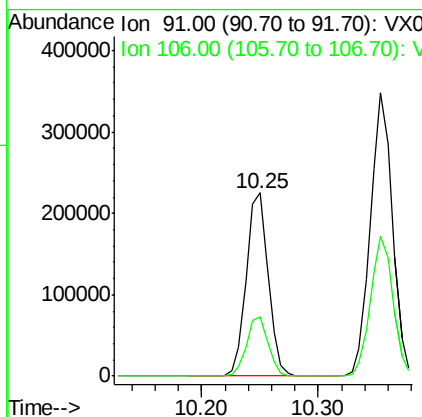
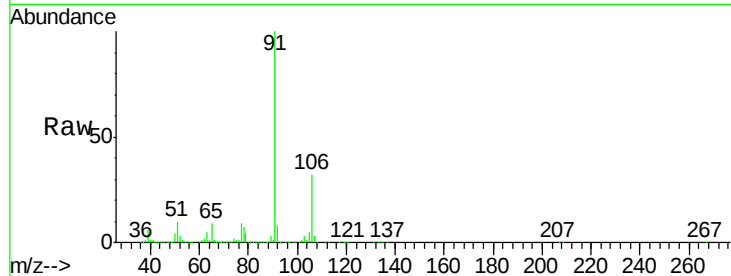
#67
Ethyl Benzene
Concen: 19.916 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX011898.D
Acq: 30 Aug 2019 04:28

Instrument :
MSVOA_X
ClientSampleId :
VX0829SBS01

Tot Ion: 91 Resp: 298839
Ion Ratio Lower Upper
91 100
106 32.1 25.8 38.8

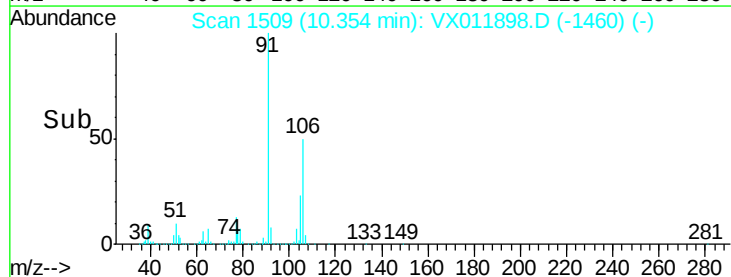
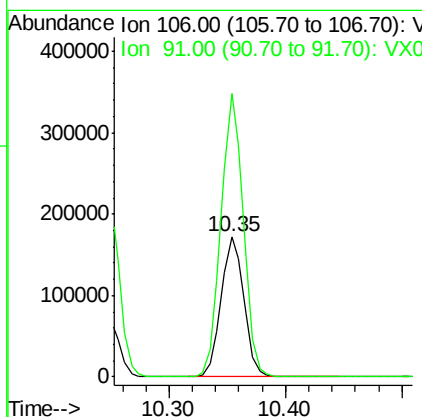
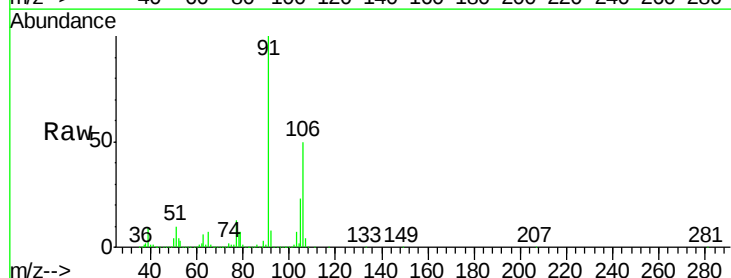
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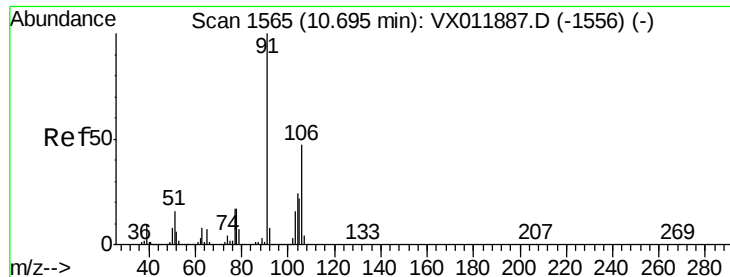
MMDadoda
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#68
m/p-Xylenes
Concen: 39.770 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. 0.00 min
Lab File: VX011898.D
Acq: 30 Aug 2019 04:28

Tgt Ion: 106 Resp: 230426
Ion Ratio Lower Upper
106 100
91 199.7 158.6 237.8





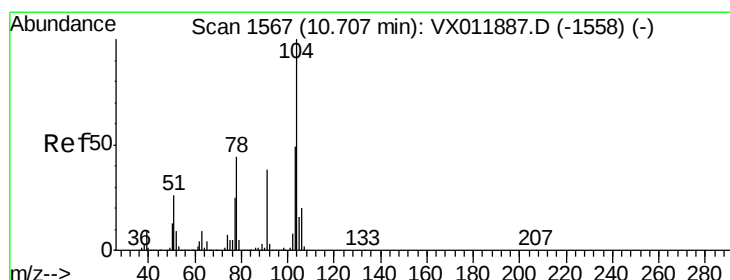
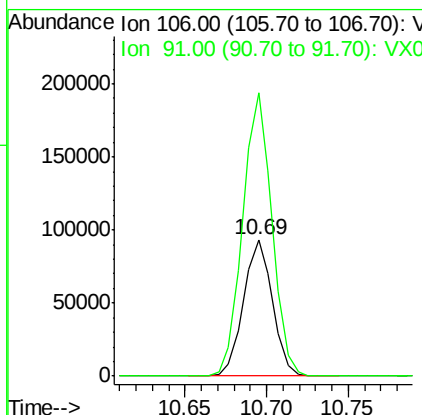
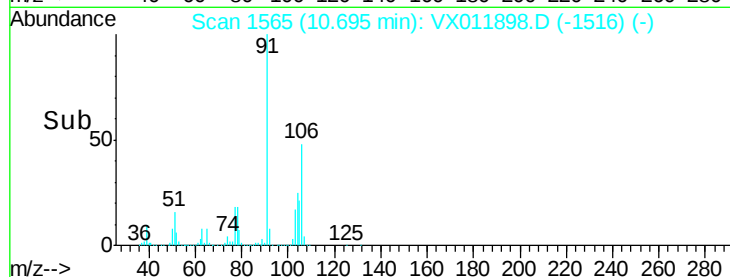
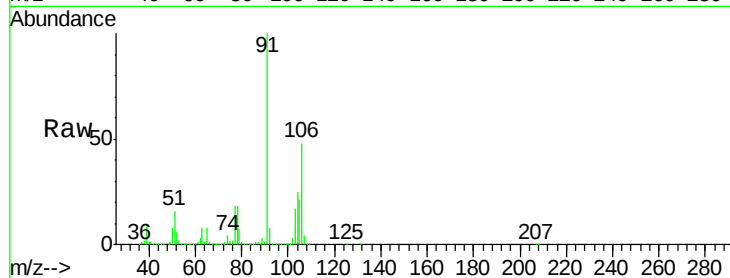
#69
o-Xylene
Concen: 20.479 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011898.D
Acq: 30 Aug 2019 04:28

Instrument :
MSVOA_X
ClientSampleId :
VX0829SBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	208.9	104.8	314.6

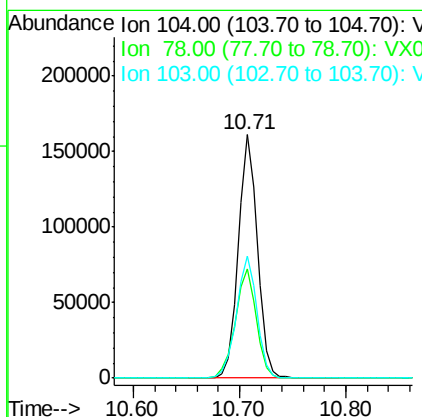
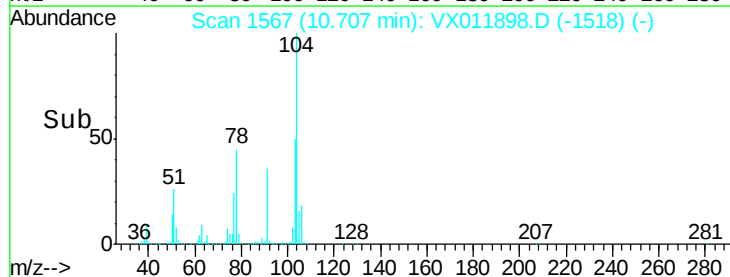
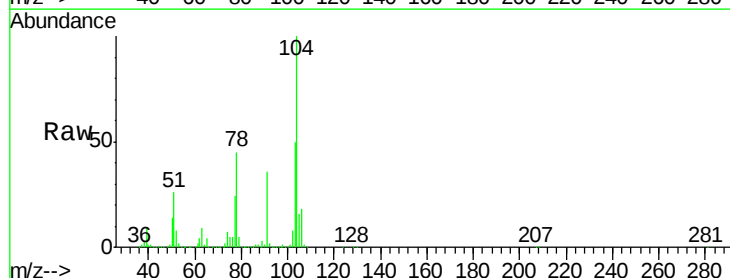
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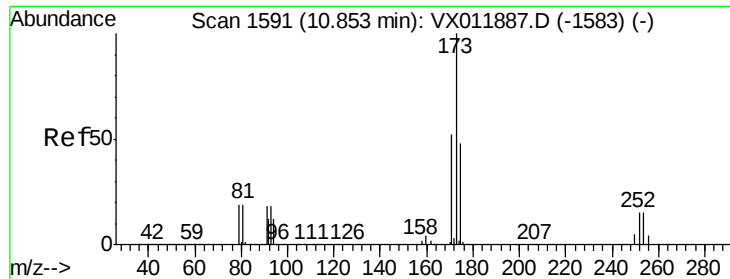
MMDadoda
9/3/2019 2:39:24 AM



#70
Styrene
Concen: 20.530 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX011898.D
Acq: 30 Aug 2019 04:28

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.4	39.2	58.8
103	54.1	43.0	64.6





#71

Bromoform

Concen: 21.193 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011898.D

Acq: 30 Aug 2019 04:28

Instrument :

MSVOA_X

ClientSampleId :

VX0829SBS01

Tot Ion:173 Resp: 53455

Ion Ratio Lower Upper

173 100

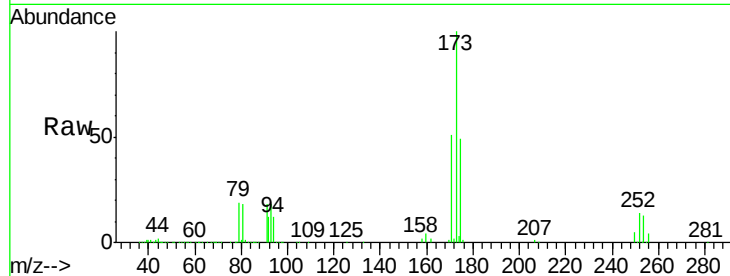
175 49.0 24.4 73.2

254 0.1 0.1 0.1#

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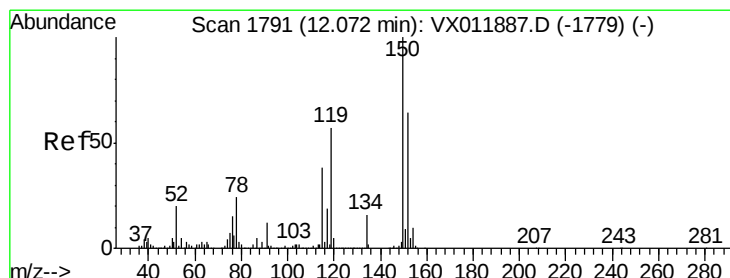
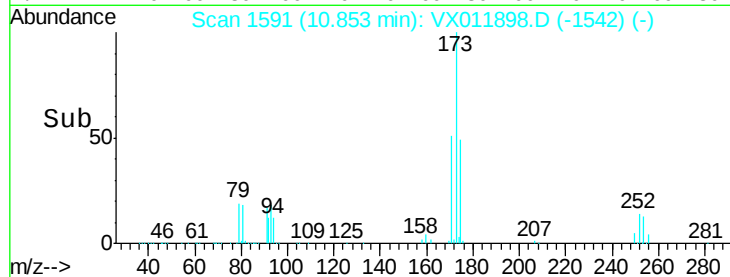
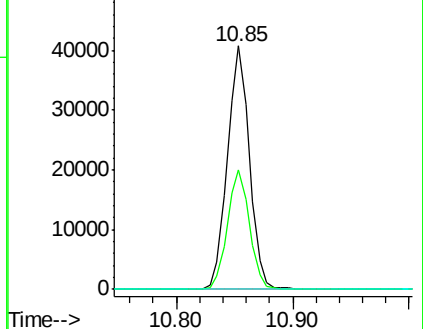
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX011898.D

Acq: 30 Aug 2019 04:28

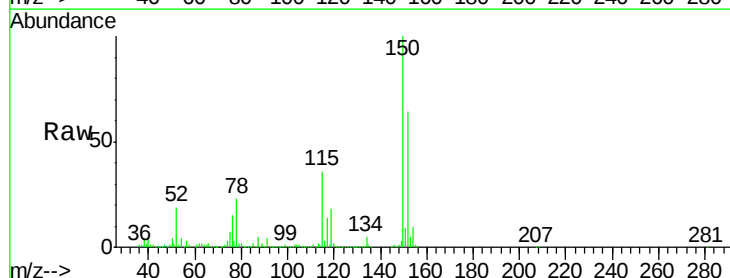
Tgt Ion:152 Resp: 261814

Ion Ratio Lower Upper

152 100

115 61.3 37.1 111.3

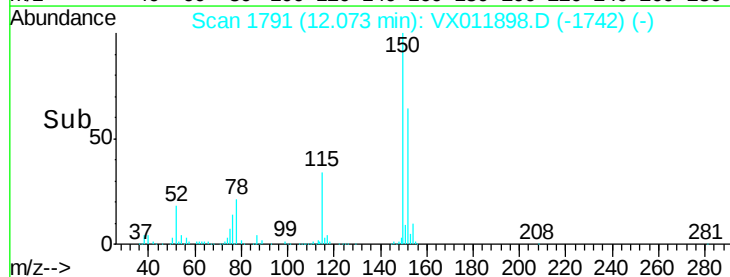
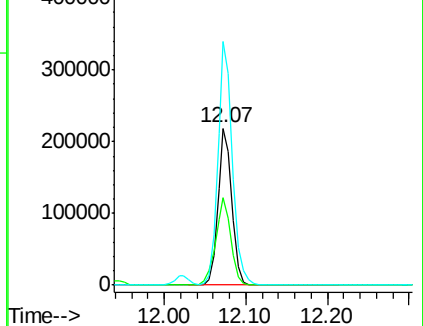
150 162.2 0.0 339.6

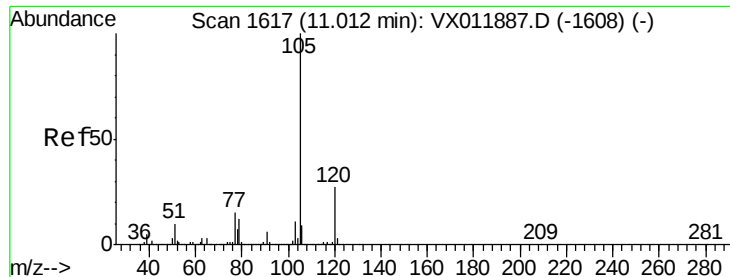


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.766 ug/l

RT: 11.01 min Scan# 1617

Delta R.T. 0.00 min

Lab File: VX011898.D

Acq: 30 Aug 2019 04:28

Instrument :

MSVOA_X

ClientSampleId :

VX0829SBS01

Tot Ion:105 Resp: 297344

Ion Ratio Lower Upper

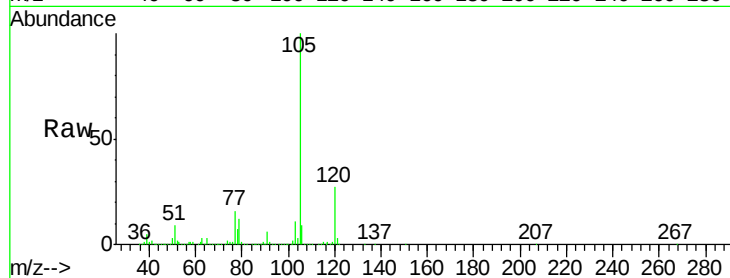
105 100

120 27.3 13.8 41.4

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

100000

50000

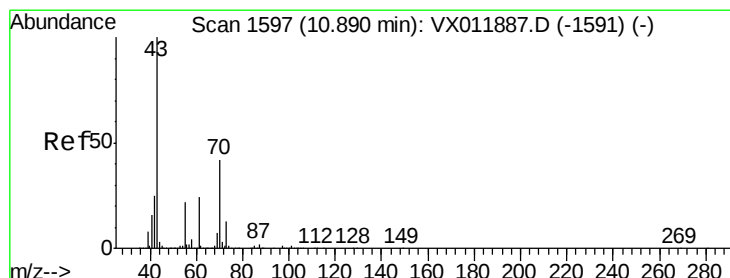
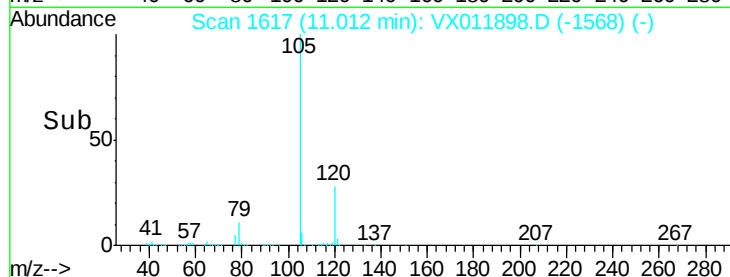
0

11.01

11.05

11.10

Time-->



#74

N-ethyl acetate

Concen: 20.933 ug/l

RT: 10.89 min Scan# 1597

Delta R.T. 0.00 min

Lab File: VX011898.D

Acq: 30 Aug 2019 04:28

Tgt Ion: 43 Resp: 93452

Ion Ratio Lower Upper

43 100

70 43.2 0.2 0.2#

55 23.4 0.1 0.1#

61 24.2 16.4 24.6

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

120000

100000

80000

60000

40000

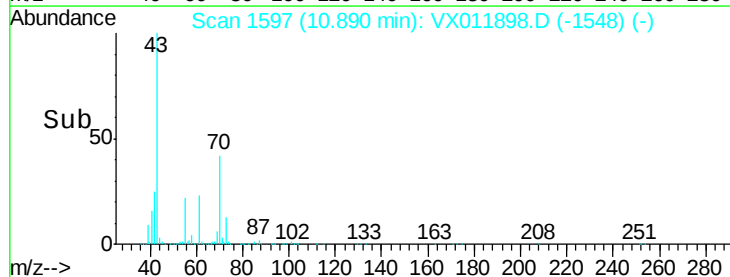
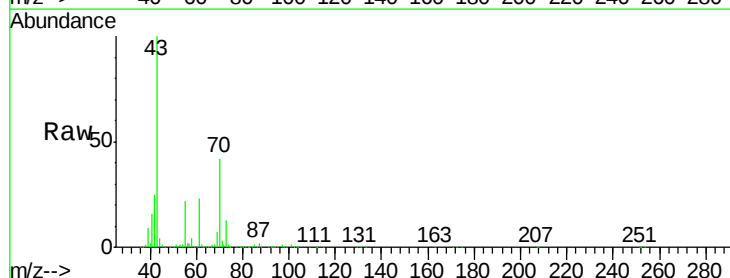
20000

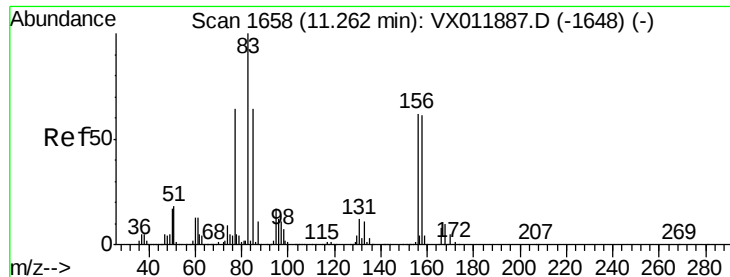
0

10.89

11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 21.257 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. 0.00 min

Lab File: VX011898.D

Acq: 30 Aug 2019 04:28

Instrument :

MSVOA_X

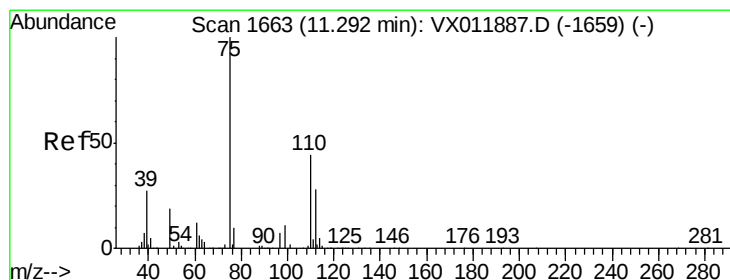
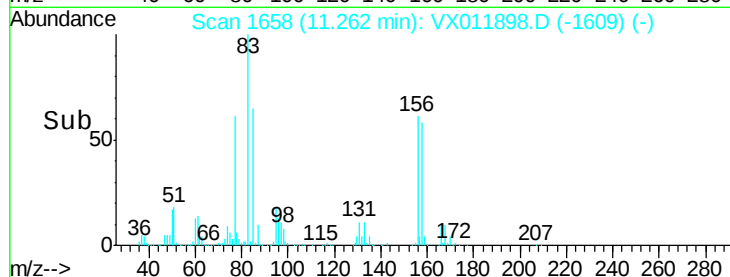
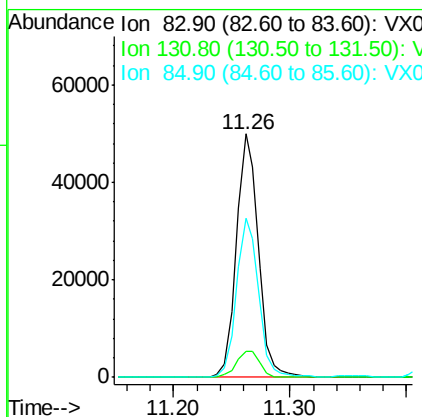
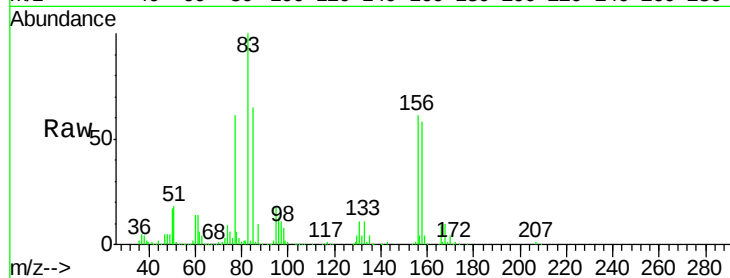
ClientSampleId :

VX0829SBS01

Tot Ion:	83	Resp:	65444
Ion	Ratio	Lower	Upper
83	100		
131	11.7	6.0	18.0
85	66.3	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 21.754 ug/l m

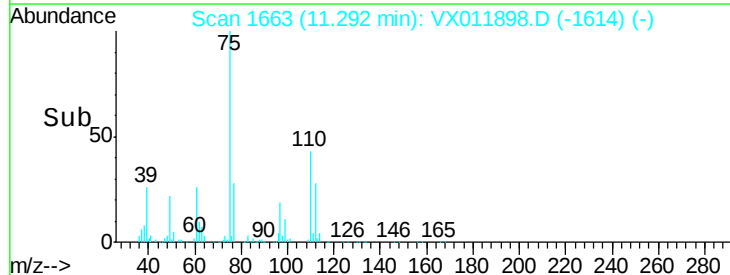
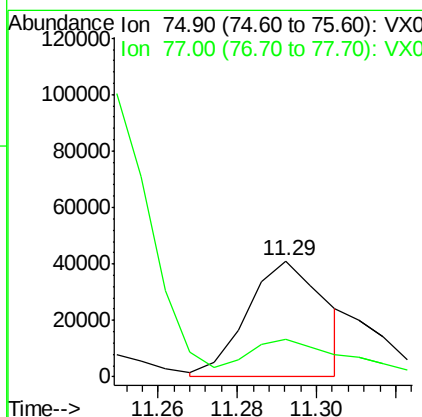
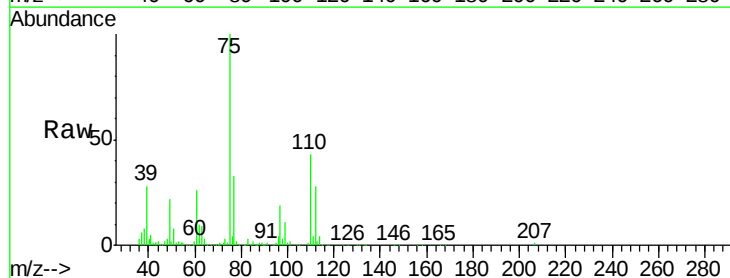
RT: 11.29 min Scan# 1663

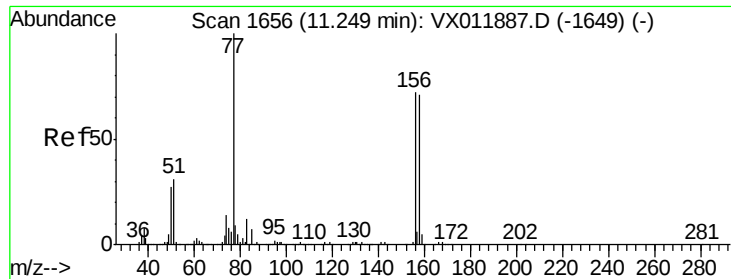
Delta R.T. 0.00 min

Lab File: VX011898.D

Acq: 30 Aug 2019 04:28

Tgt Ion:	75	Resp:	56027
Ion	Ratio	Lower	Upper
75	100		
77	41.6	20.9	62.7





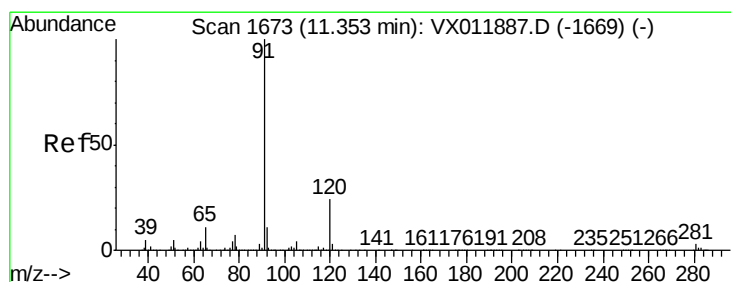
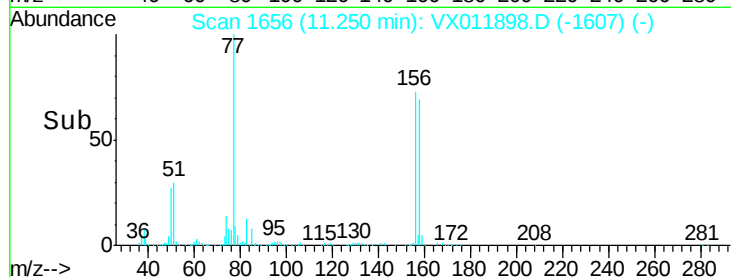
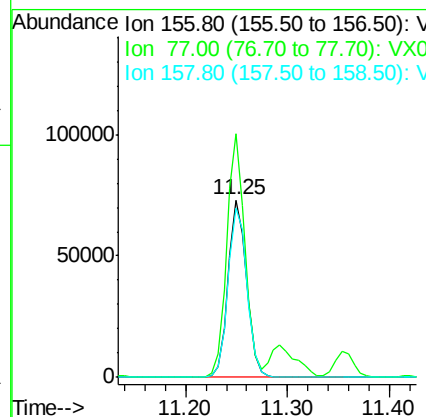
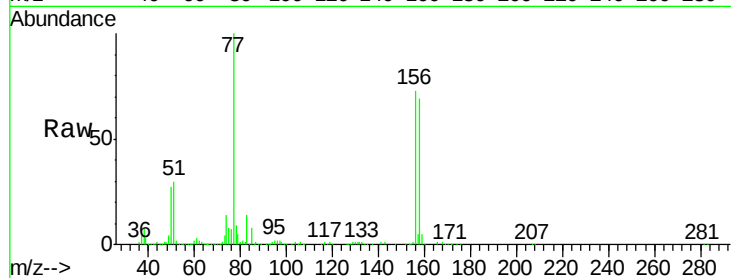
#77
Bromobenzene
Concen: 21.084 ug/l
RT: 11.25 min Scan# 1656
Delta R.T. 0.00 min
Lab File: VX011898.D
Acq: 30 Aug 2019 04:28

Instrument :
MSVOA_X
ClientSampleId :
VX0829SBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	134.7	68.1	204.3
158	97.8	48.9	146.8

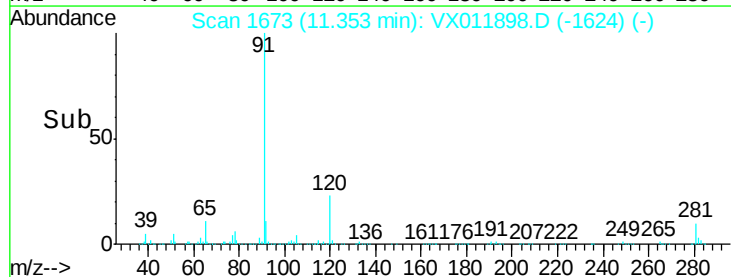
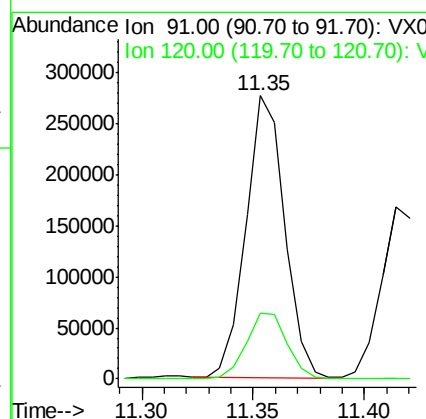
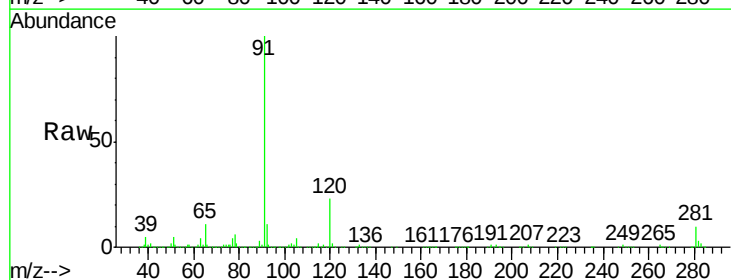
Manual Integrations
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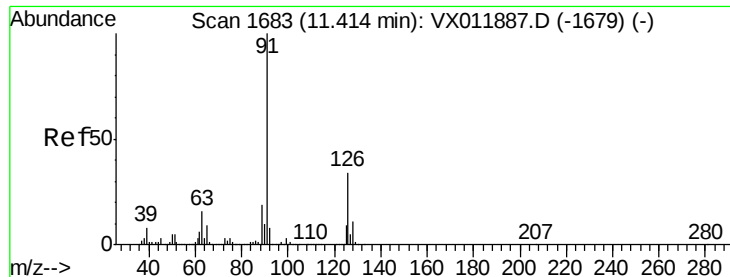
MMDadoda
9/3/2019 2:39:24 AM



#78
n-propylbenzene
Concen: 19.648 ug/l
RT: 11.35 min Scan# 1673
Delta R.T. 0.00 min
Lab File: VX011898.D
Acq: 30 Aug 2019 04:28

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.6	12.3	36.9





#79

2-Chlorotoluene

Concen: 20.541 ug/l

RT: 11.41 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VX011898.D

Acq: 30 Aug 2019 04:28

Instrument :

MSVOA_X

ClientSampleId :

VX0829SBS01

Tot Ion: 91 Resp: 210912

Ion Ratio Lower Upper

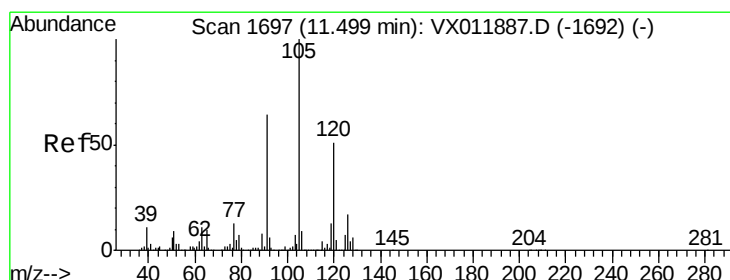
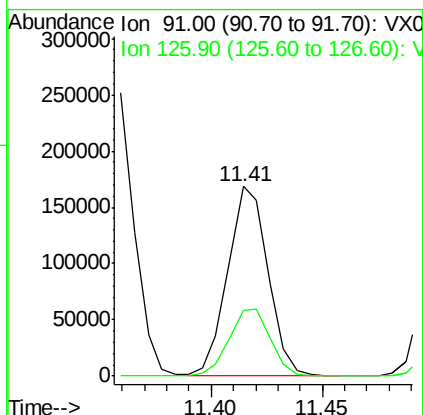
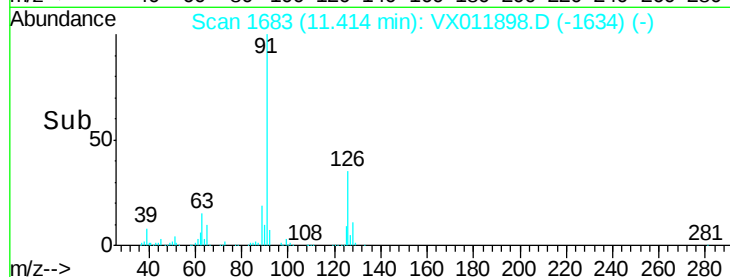
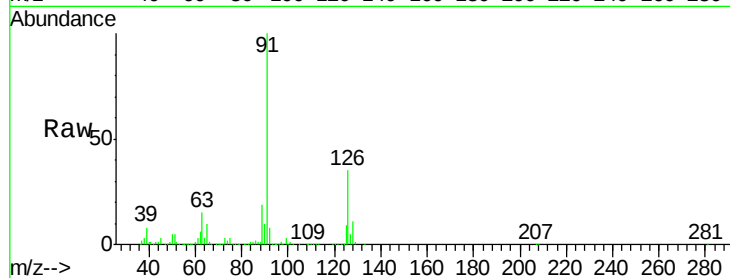
91 100

126 36.3 17.9 53.8

Manual Integrations
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#80

1,3,5-Trimethylbenzene

Concen: 20.120 ug/l

RT: 11.50 min Scan# 1697

Delta R.T. 0.00 min

Lab File: VX011898.D

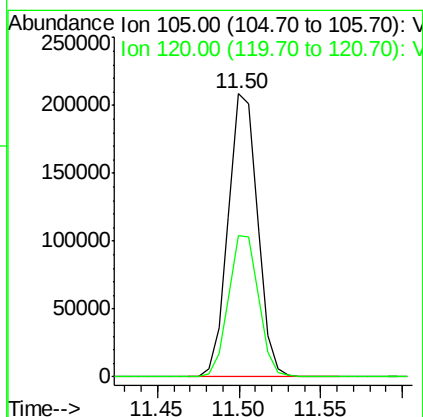
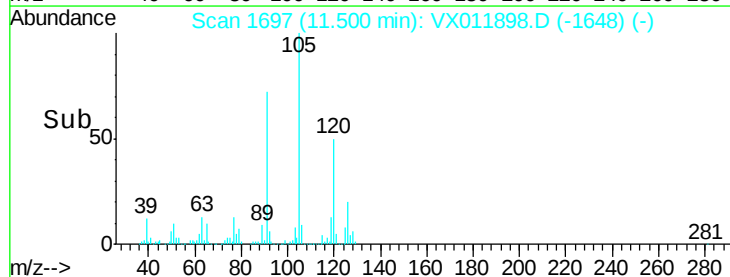
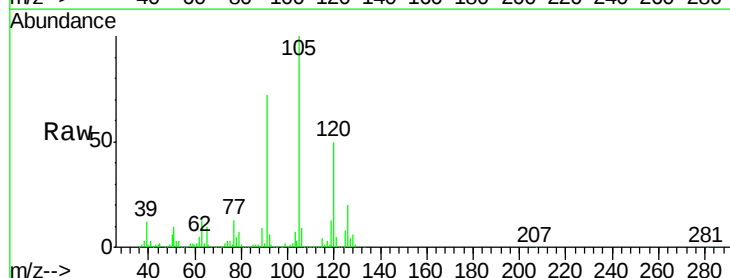
Acq: 30 Aug 2019 04:28

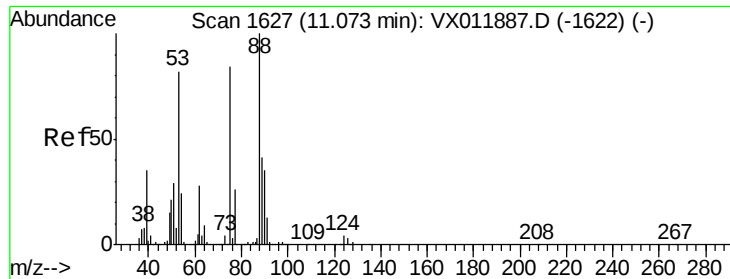
Tgt Ion: 105 Resp: 261254

Ion Ratio Lower Upper

105 100

120 51.2 25.3 75.9





#81

trans-1,4-Dichloro-2-butene

Concen: 19.329 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX011898.D

Acq: 30 Aug 2019 04:28

Instrument :

MSVOA_X

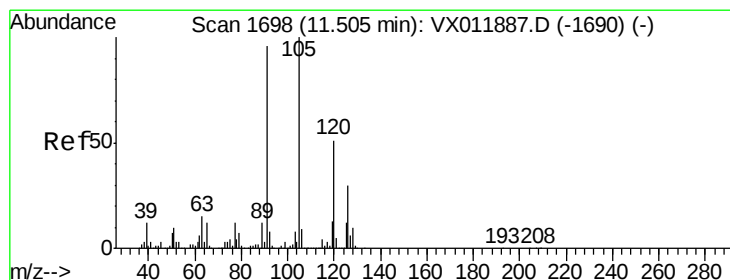
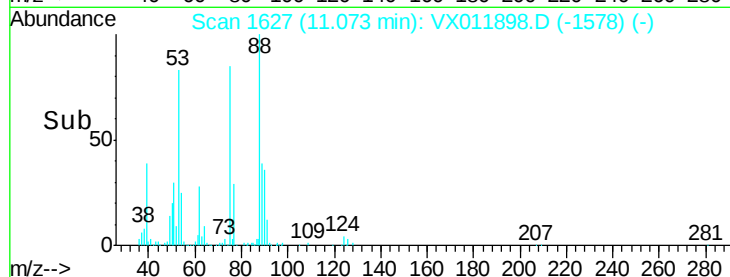
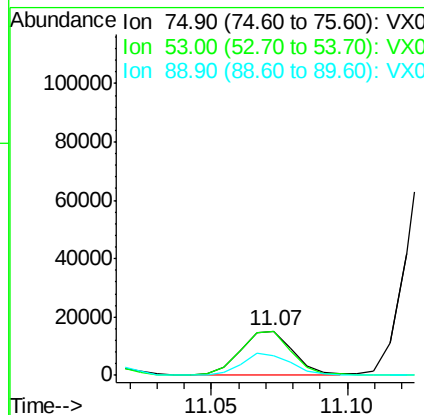
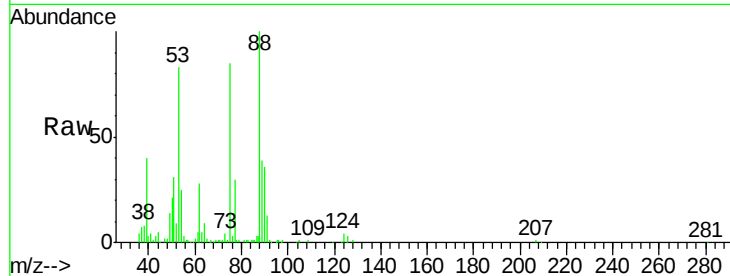
ClientSampleId :

VX0829SBS01

Tot Ion:	75	Resp:	19816
Ion	Ratio	Lower	Upper
75	100		
53	96.7	77.1	115.7
89	49.1	38.2	57.2

Manual Integrations
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#82

4-Chlorotoluene

Concen: 20.459 ug/l

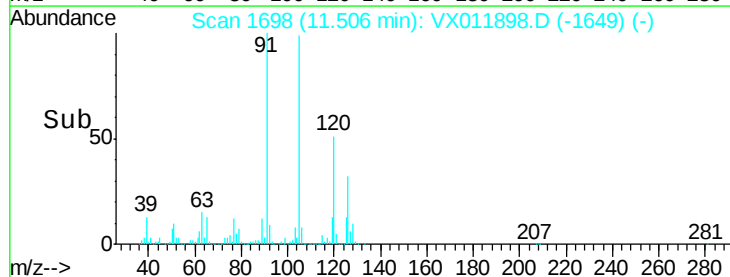
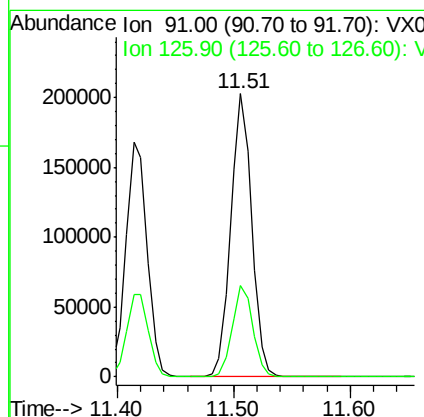
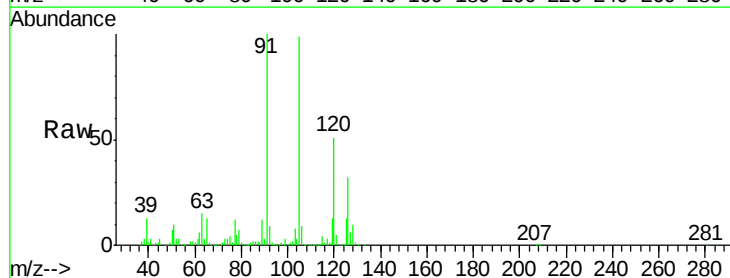
RT: 11.51 min Scan# 1698

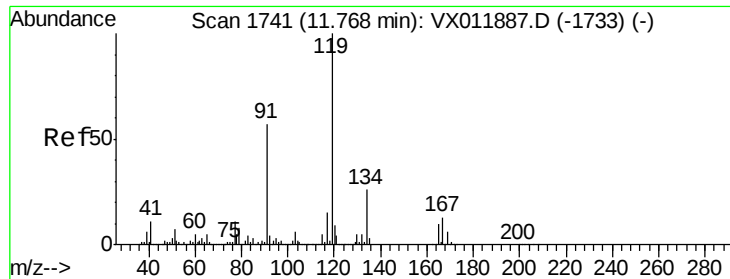
Delta R.T. 0.00 min

Lab File: VX011898.D

Acq: 30 Aug 2019 04:28

Tgt Ion:	91	Resp:	253423
Ion	Ratio	Lower	Upper
91	100		
126	31.8	15.9	47.6





#83

tert-Butylbenzene

Concen: 19.650 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX011898.D

Acq: 30 Aug 2019 04:28

Instrument :

MSVOA_X

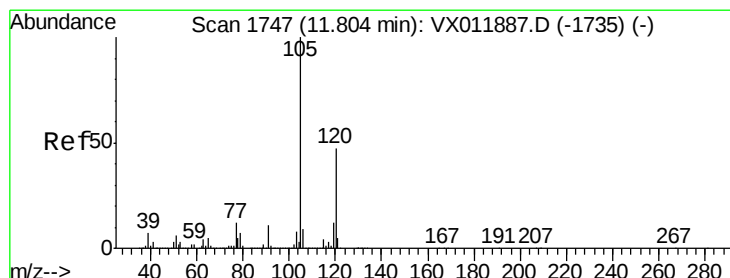
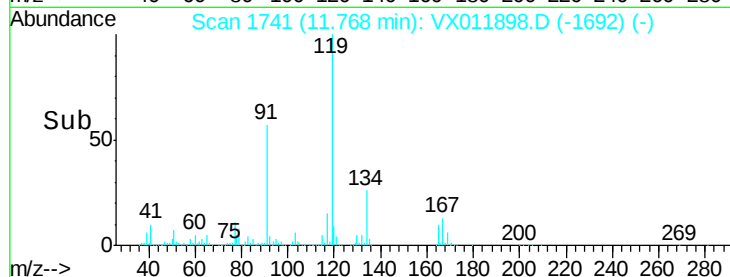
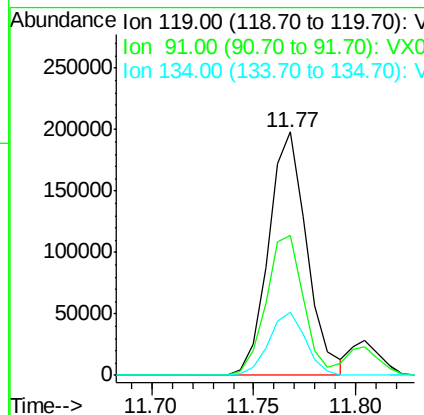
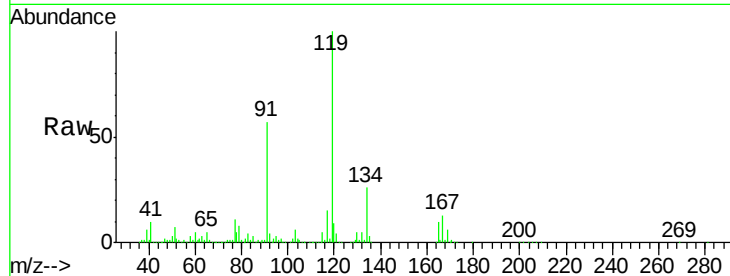
ClientSampleId :

VX0829SBS01

Tot Ion:	119	Resp:	258895
Ion Ratio	Lower	Upper	
119	100		
91	55.8	27.9	83.6
134	25.0	12.3	36.8

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 20.235 ug/l

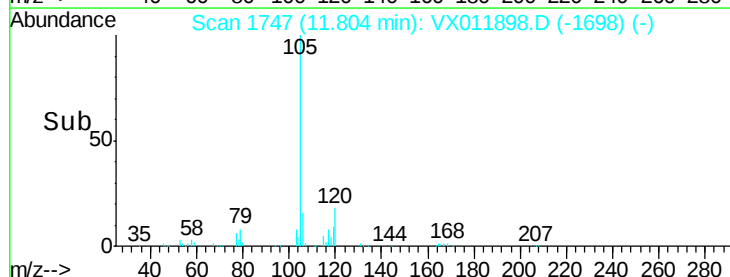
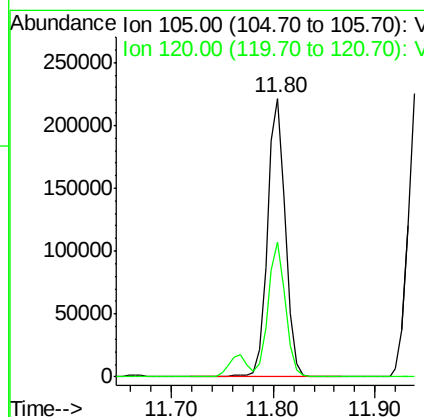
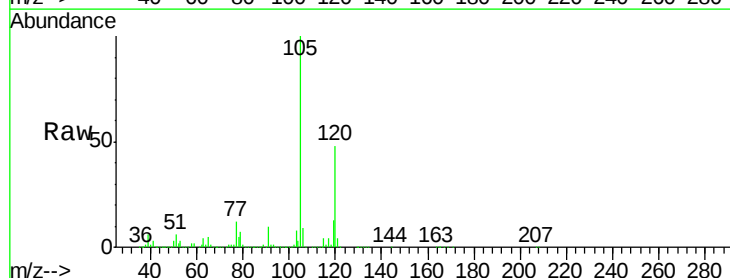
RT: 11.80 min Scan# 1747

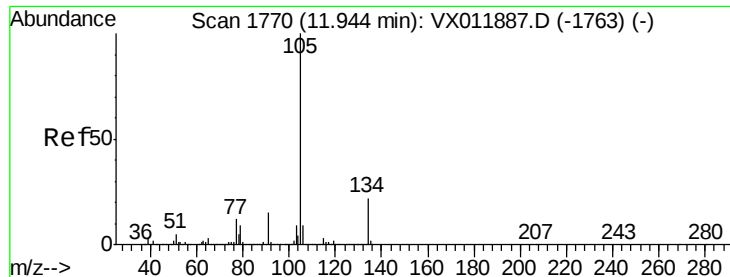
Delta R.T. 0.00 min

Lab File: VX011898.D

Acq: 30 Aug 2019 04:28

Tgt Ion:	105	Resp:	269272
Ion Ratio	Lower	Upper	
105	100		
120	46.7	23.4	70.3





#85

sec-Butylbenzene

Concen: 19.222 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX011898.D

Acq: 30 Aug 2019 04:28

Instrument :

MSVOA_X

ClientSampleId :

VX0829SBS01

Tot Ion:105 Resp: 294164

Ion Ratio Lower Upper

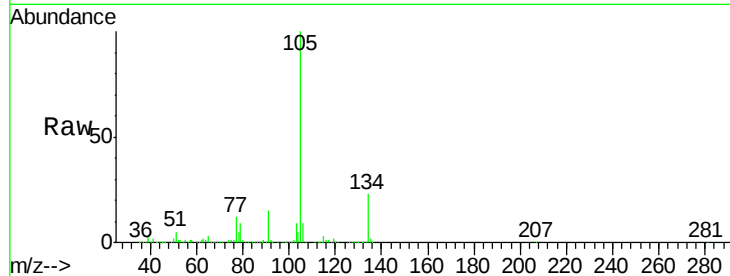
105 100

134 22.3 10.9 32.7

Manual Integrations
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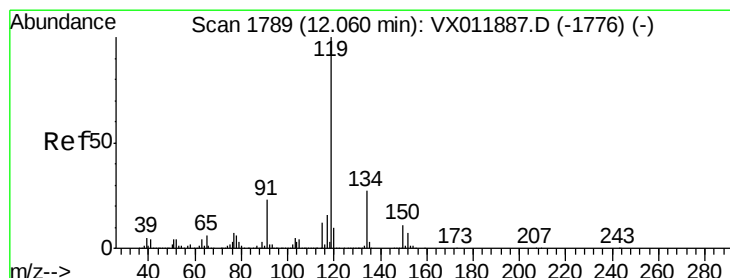
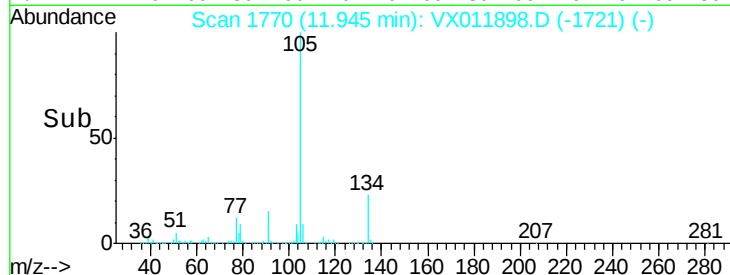
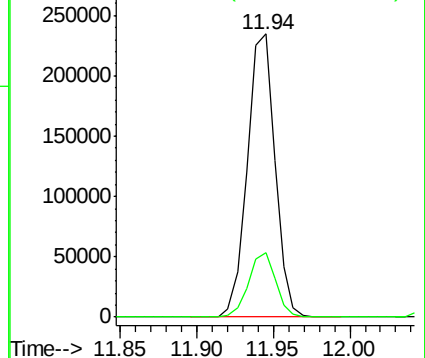
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.380 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX011898.D

Acq: 30 Aug 2019 04:28

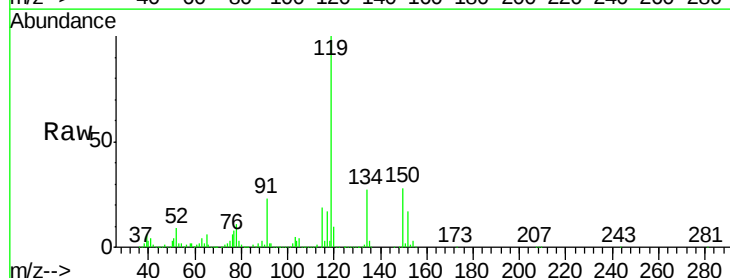
Tgt Ion:119 Resp: 287581

Ion Ratio Lower Upper

119 100

134 27.1 13.7 41.0

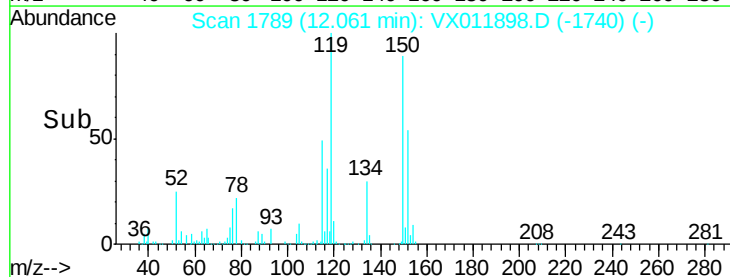
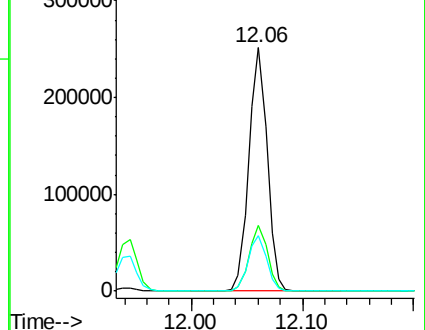
91 23.0 11.6 34.7

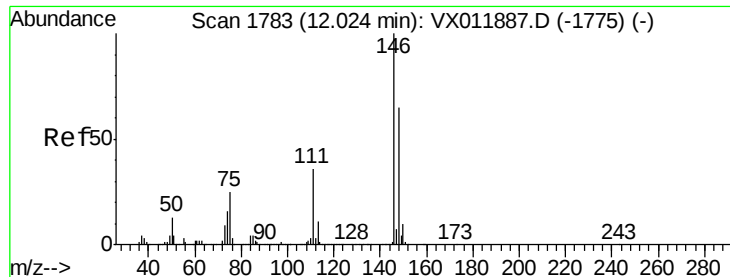


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





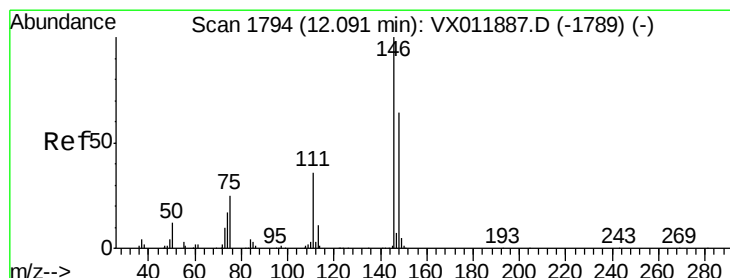
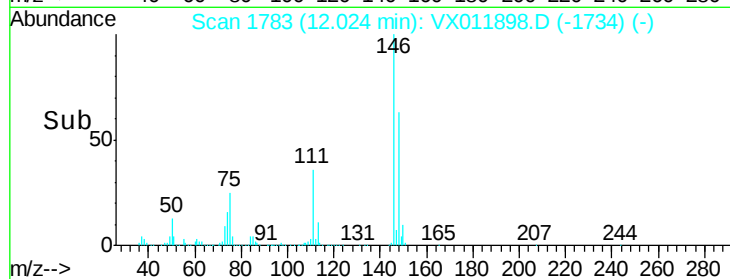
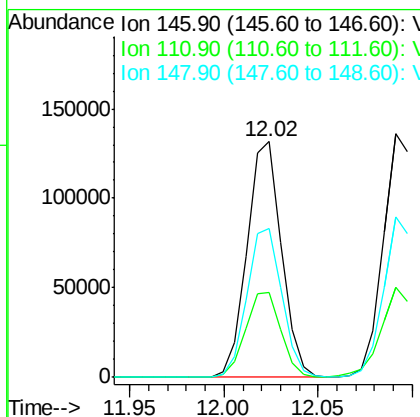
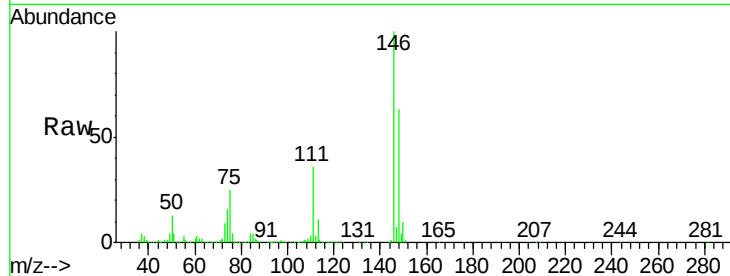
#87
 1,3-Dichlorobenzene
 Concen: 20.604 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX011898.D
 Acq: 30 Aug 2019 04:28

Instrument :
 MSVOA_X
 ClientSampled :
 VX0829SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.4	55.2
148	64.2	32.1	96.5

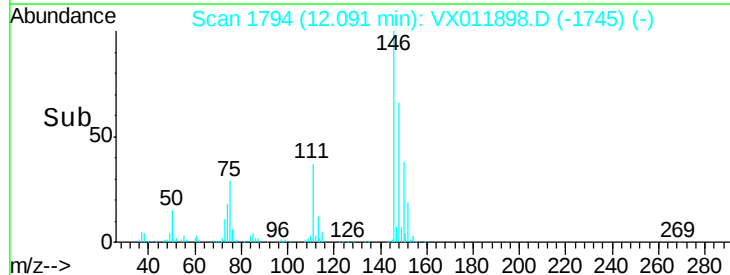
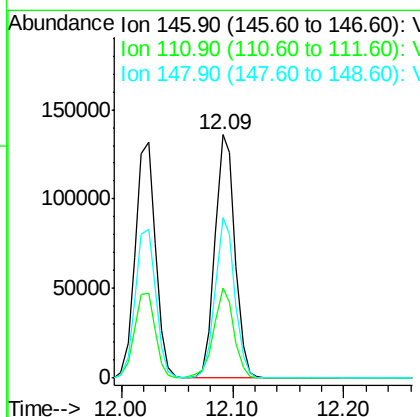
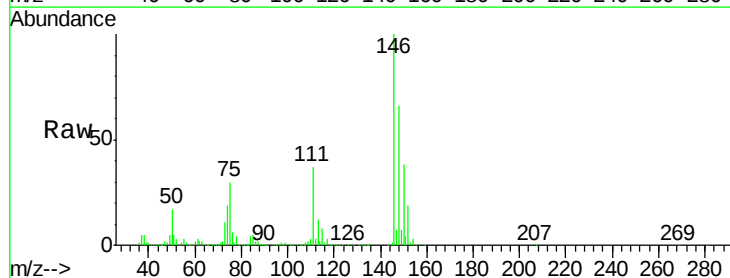
Manual Integrations
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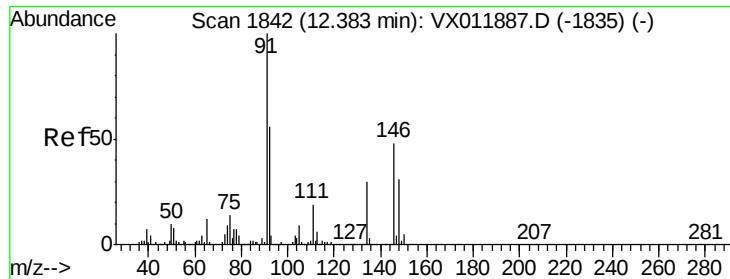
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#88
 1,4-Dichlorobenzene
 Concen: 20.581 ug/l
 RT: 12.09 min Scan# 1794
 Delta R.T. 0.00 min
 Lab File: VX011898.D
 Acq: 30 Aug 2019 04:28

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.2	17.9	53.7
148	65.0	32.4	97.0





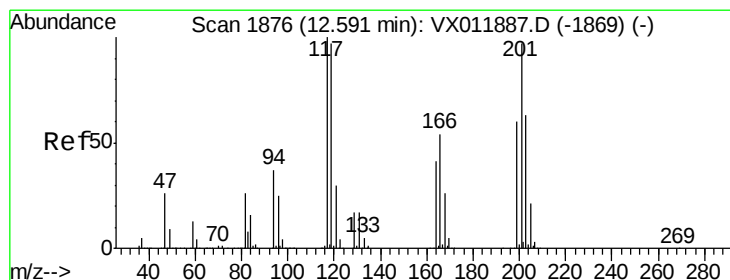
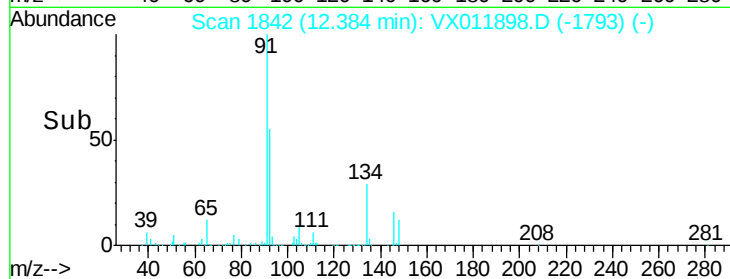
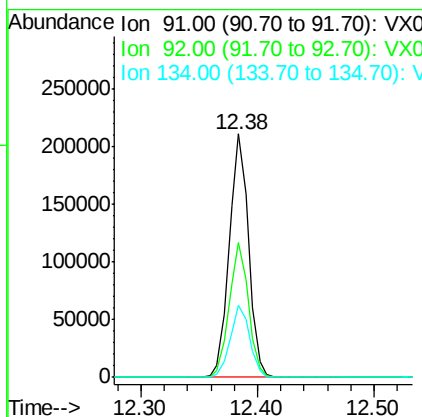
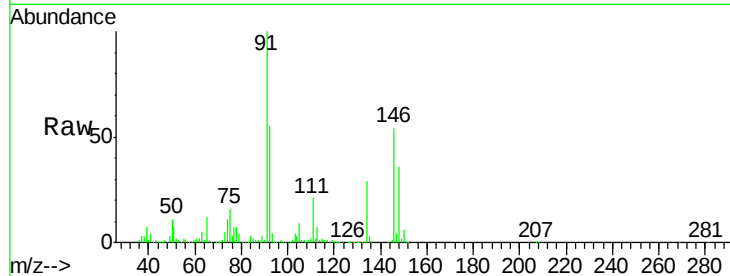
#89
n-Butylbenzene
Concen: 18.534 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX011898.D
Acq: 30 Aug 2019 04:28

Instrument :
MSVOA_X
ClientSampleId :
VX0829SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	243319		
92	54.9		27.6	82.8
134	29.7		14.8	44.3

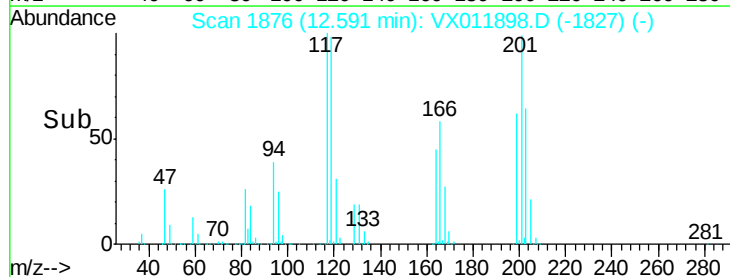
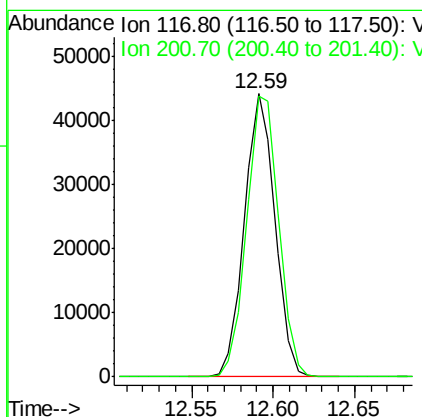
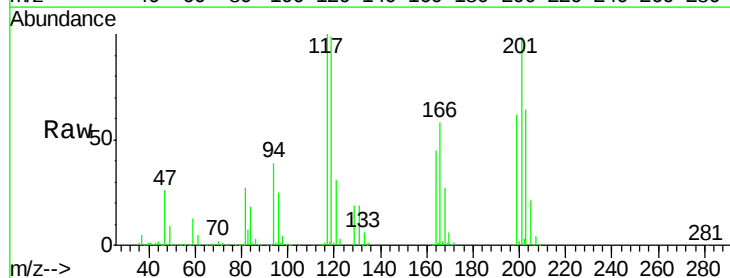
Manual Integrations
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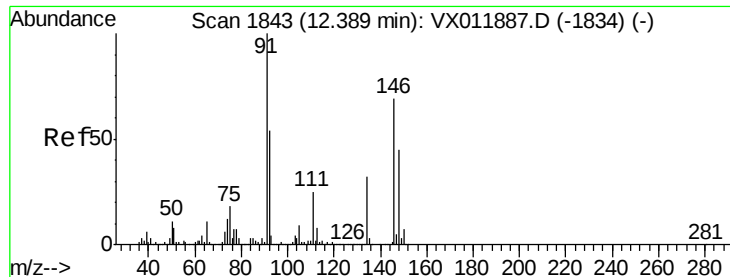
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#90
Hexachloroethane
Concen: 20.183 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. 0.00 min
Lab File: VX011898.D
Acq: 30 Aug 2019 04:28

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	57943		
201	103.6		52.8	158.5





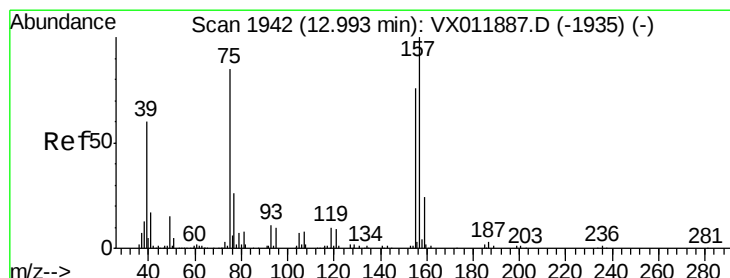
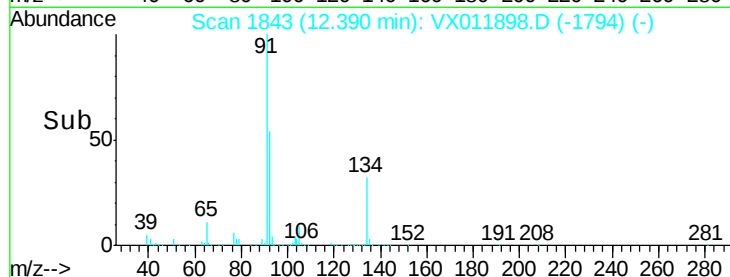
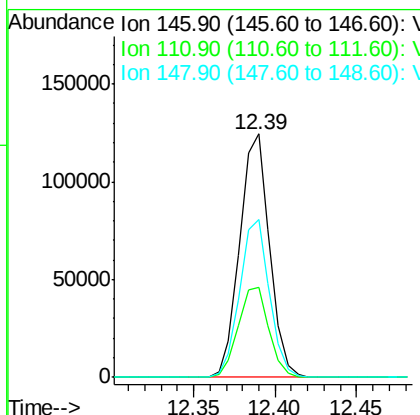
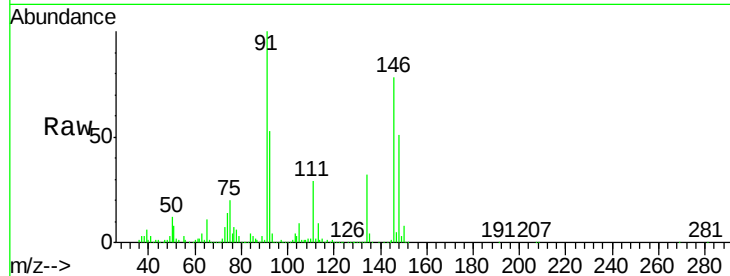
#91
 1,2-Dichlorobenzene
 Concen: 21.038 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX011898.D
 Acq: 30 Aug 2019 04:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0829SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	158600		
111	38.1	18.9	56.5	
148	64.5	32.1	96.3	

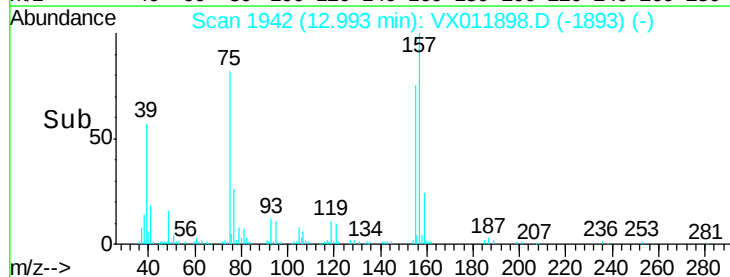
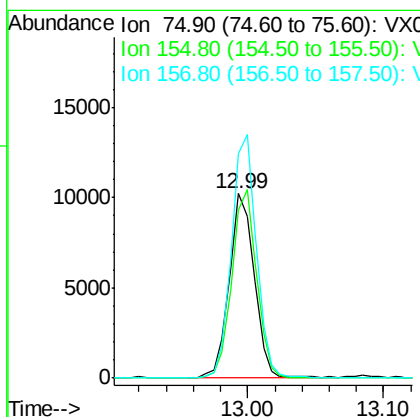
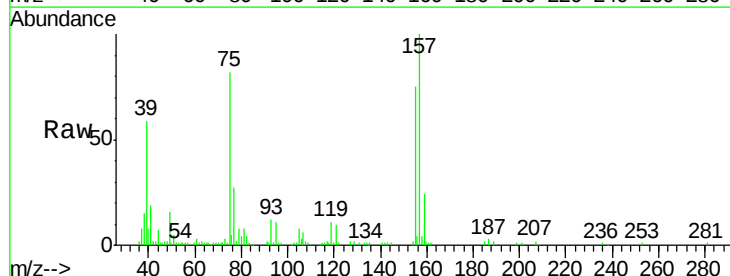
Manual Integrations
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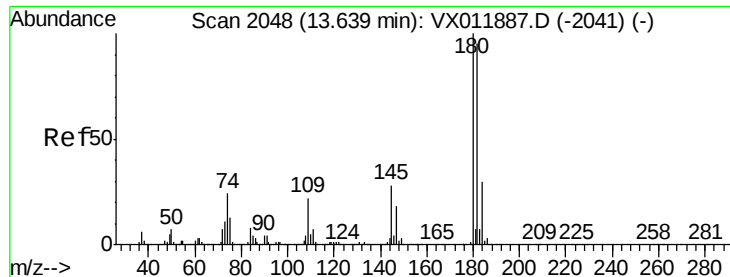
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.501 ug/l
 RT: 12.99 min Scan# 1942
 Delta R.T. 0.00 min
 Lab File: VX011898.D
 Acq: 30 Aug 2019 04:28

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	13186		
155	100.0	50.1	150.4	
157	130.0	63.9	191.7	





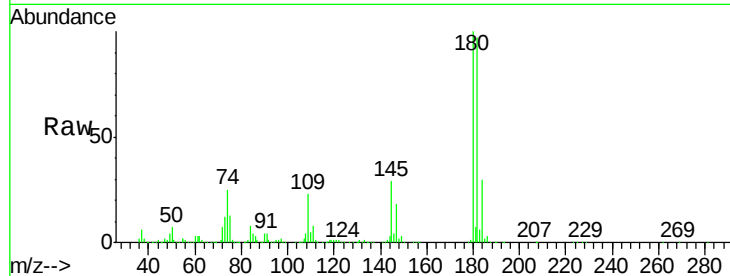
#93
 1,2,4-Trichlorobenzene
 Concen: 19.932 ug/l
 RT: 13.64 min Scan# 2048
 Delta R.T. 0.00 min
 Lab File: VX011898.D
 Acq: 30 Aug 2019 04:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0829SBS01

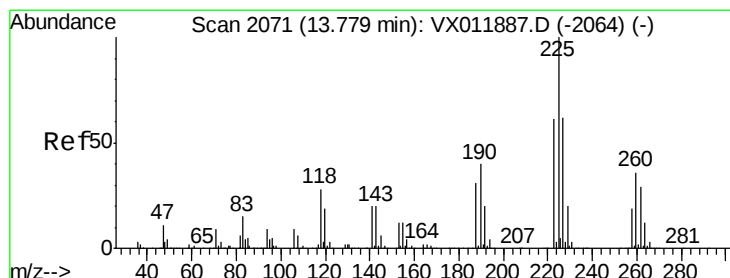
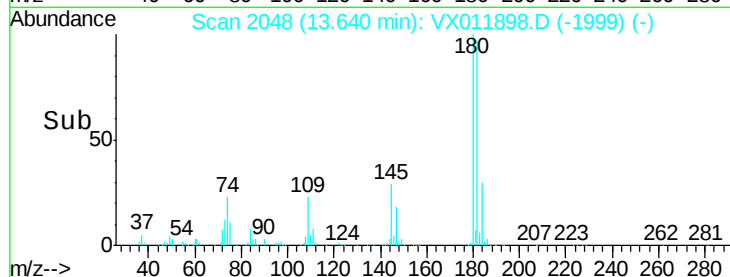
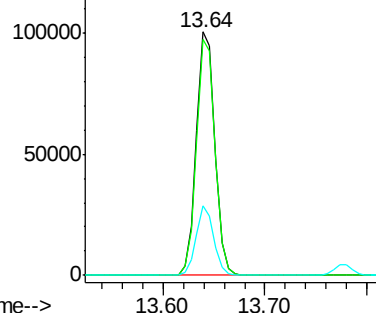
Tot Ion	Ratio	Resp	Lower	Upper
180	100	126524		
182	96.5	48.1	144.4	
145	27.2	13.8	41.3	

Manual Integrations
 APPROVED

MMDadoda
 9/3/2019 2:39:24 AM

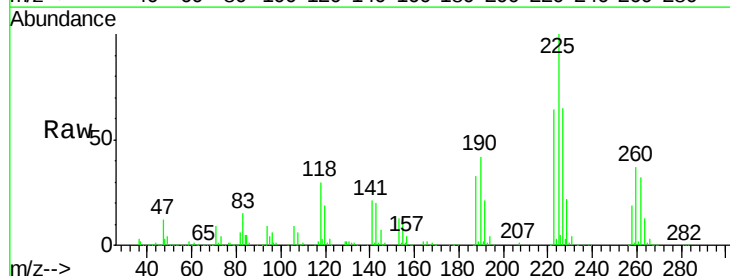


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

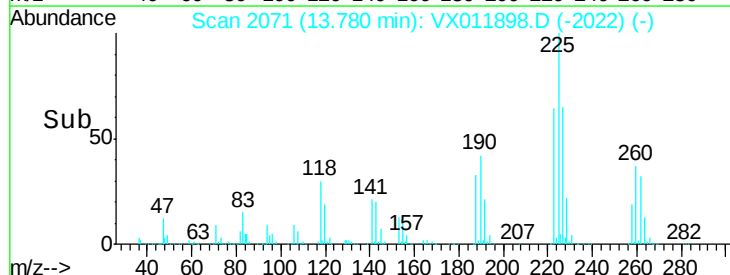
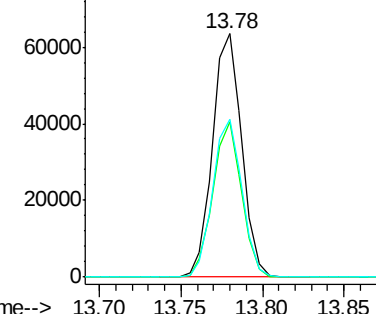


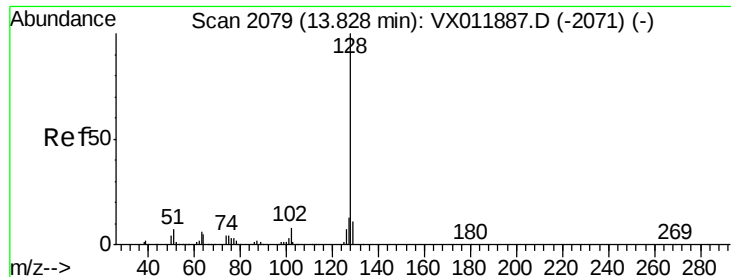
#94
 Hexachlorobutadiene
 Concen: 18.667 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX011898.D
 Acq: 30 Aug 2019 04:28

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	79133		
223	62.4	30.8	92.3	
227	64.9	31.9	95.7	



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: 21.064 ug/l

RT: 13.83 min Scan# 2079

Delta R.T. 0.00 min

Lab File: VX011898.D

Acq: 30 Aug 2019 04:28

Instrument :

MSVOA_X

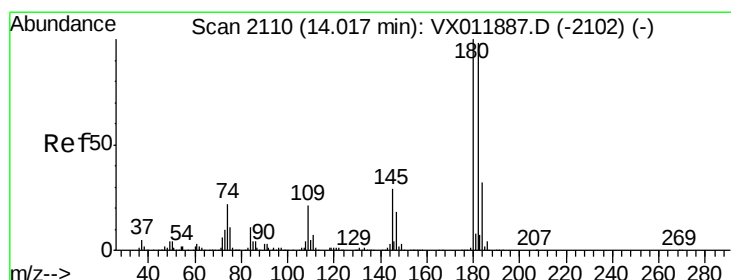
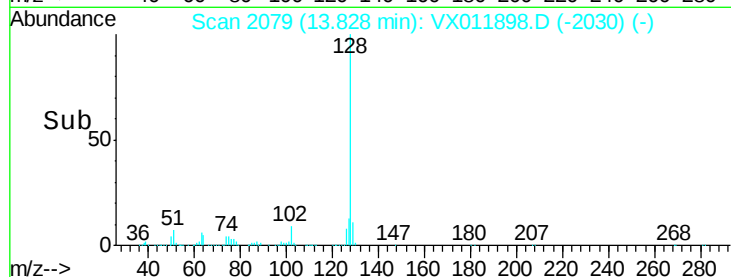
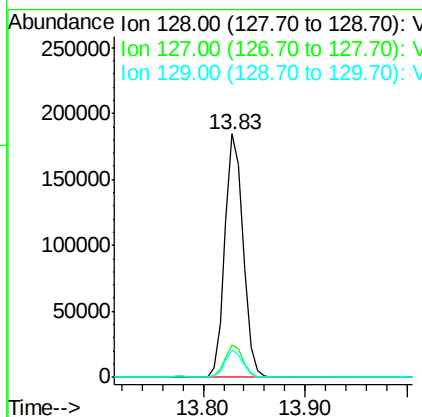
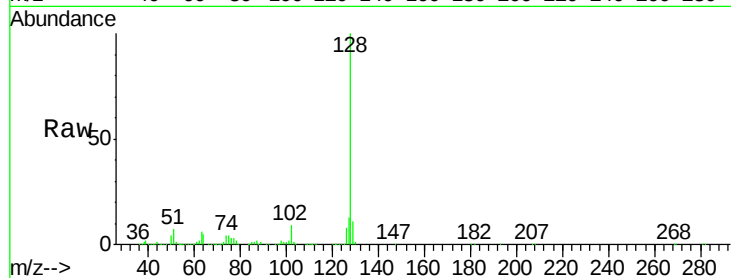
ClientSampleId :

VX0829SBS01

Tot Ion:	128	Resp:	229472
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.4	15.6
129	10.9	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
9/3/2019 2:39:24 AM



#96

1,2,3-Trichlorobenzene

Concen: 20.284 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX011898.D

Acq: 30 Aug 2019 04:28

Tgt Ion:	180	Resp:	116434
Ion Ratio	Lower	Upper	
180	100		
182	96.0	48.3	144.8
145	29.8	14.6	43.8

