

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082019\
 Data File : VX011677.D
 Acq On : 20 Aug 2019 12:17
 Operator : JC/SP
 Sample : VX0820MBS01
 Misc : 5.0µ/10mL/100µL/10mL/MSVOA_X/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0820MBS01

Manual Integrations
 APPROVED

MMDadoda
 8/21/2019 8:33:09 AM

Quant Time: Aug 20 13:27:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 04:15:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	319356	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	471455	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	411235	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	232687	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	154720	52.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.48%	
35) Dibromofluoromethane	5.49	113	140559	45.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.16%	
50) Toluene-d8	8.71	98	461969	48.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.16%	
62) 4-Bromofluorobenzene	11.13	95	186418	45.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	72111	22.972	ug/l	99
3) Chloromethane	1.32	50	61754	18.941	ug/l	100
4) Vinyl Chloride	1.40	62	58506	19.865	ug/l	99
5) Bromomethane	1.64	94	38805	29.405	ug/l	99
6) Chloroethane	1.72	64	32283	23.160	ug/l	100
7) Trichlorofluoromethane	1.92	101	93662	22.960	ug/l	99
8) Diethyl Ether	2.18	74	31124	22.242	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	59434	21.093	ug/l	98
10) Methyl Iodide	2.50	142	71265	17.754	ug/l	99
11) Tert butyl alcohol	3.04	59	76291	105.002	ug/l	98
12) 1,1-Dichloroethene	2.37	96	54948	20.179	ug/l	96
13) Acrolein	2.29	56	25413	120.317	ug/l	93
14) Allyl chloride	2.72	41	92959	20.522	ug/l	98
15) Acrylonitrile	3.13	53	182780	109.917	ug/l	99
16) Acetone	2.43	43	156562	105.135	ug/l	100
17) Carbon Disulfide	2.56	76	116375	18.137	ug/l	100
18) Methyl Acetate	2.76	43	104012	22.521	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	197714	22.294	ug/l	98
20) Methylene Chloride	2.85	84	66636	21.312	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	60390	20.928	ug/l	99
22) Diisopropyl ether	3.85	45	197637	21.909	ug/l	95
23) Vinyl Acetate	3.81	43	772970	108.208	ug/l	99
24) 1,1-Dichloroethane	3.69	63	109626	21.494	ug/l	98
25) 2-Butanone	4.66	43	243444	104.132	ug/l	99
26) 2,2-Dichloropropane	4.57	77	81725	21.290	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	69919	20.785	ug/l	98
28) Bromochloromethane	5.01	49	43210	19.299	ug/l	99
29) Tetrahydrofuran	5.12	42	159218	103.823	ug/l	98
30) Chloroform	5.20	83	110230	20.479	ug/l	95
31) Cyclohexane	5.57	56	92437	21.050	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	101443	21.918	ug/l	99
36) 1,1-Dichloropropene	5.79	75	82253	20.406	ug/l	99
37) Ethyl Acetate	4.82	43	90745	19.573	ug/l	99
38) Carbon Tetrachloride	5.77	117	85481	19.248	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	94697	19.024	ug/l	97
40) Benzene	6.14	78	234907	18.753	ug/l	100
41) Methacrylonitrile	5.03	41	51351	20.124	ug/l	99
42) 1,2-Dichloroethane	6.18	62	92336	21.276	ug/l	97
43) Isopropyl Acetate	6.44	43	139338	19.258	ug/l	98
44) Trichloroethene	7.21	130	74929	20.164	ug/l	99
45) 1,2-Dichloropropane	7.51	63	64065	20.508	ug/l	99
46) Dibromomethane	7.66	93	45151	19.889	ug/l	97
47) Bromodichloromethane	7.89	83	78323	18.790	ug/l	99
48) Methyl methacrylate	7.77	41	71324	19.906	ug/l	98
49) 1,4-Dioxane	7.74	88	37679	395.363	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	486880	102.806	ug/l	99
52) Toluene	8.78	92	162966	20.421	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	82684	19.113	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	89174	18.836	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	70208	20.688	ug/l	96
56) Ethyl methacrylate	9.18	69	100737	20.423	ug/l	99
57) 1,3-Dichloropropane	9.37	76	106805	19.799	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	238378	96.994	ug/l	99
59) 2-Hexanone	9.49	43	369641	101.213	ug/l	100
60) Dibromochloromethane	9.58	129	66218	18.728	ug/l	99
61) 1,2-Dibromoethane	9.67	107	72570	20.037	ug/l	100
64) Tetrachloroethene	9.33	164	72180	21.392	ug/l	97
65) Chlorobenzene	10.13	112	175120	19.965	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	64753	19.751	ug/l	99
67) Ethyl Benzene	10.25	91	303230	20.715	ug/l	98
68) m/p-Xylenes	10.36	106	234693	41.768	ug/l	96
69) o-Xylene	10.69	106	116264	21.124	ug/l	99
70) Styrene	10.71	104	194377	20.978	ug/l	99
71) Bromoform	10.85	173	49458	17.794	ug/l #	99
73) Isopropylbenzene	11.02	105	298702	19.783	ug/l	99
74) N-amyl acetate	10.90	43	123452	19.240	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	103221	19.873	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	88059m	19.958	ug/l	
77) Bromobenzene	11.26	156	88757	19.758	ug/l	97
78) n-propylbenzene	11.36	91	336517	20.669	ug/l	99
79) 2-Chlorotoluene	11.42	91	208524	20.858	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	267759	21.111	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	23121	17.408	ug/l #	84
82) 4-Chlorotoluene	11.51	91	242591	20.916	ug/l	98
83) tert-Butylbenzene	11.77	119	267114	20.678	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	267244	20.988	ug/l	99
85) sec-Butylbenzene	11.94	105	303464	20.822	ug/l	100
86) p-Isopropyltoluene	12.06	119	289639	21.124	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	156368	20.251	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	156484	19.996	ug/l	99
89) n-Butylbenzene	12.38	91	231084	20.500	ug/l	99
90) Hexachloroethane	12.59	117	40116	18.528	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	158495	20.449	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	21461	18.060	ug/l	92

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ClientSampleId :
VX0820MBS01

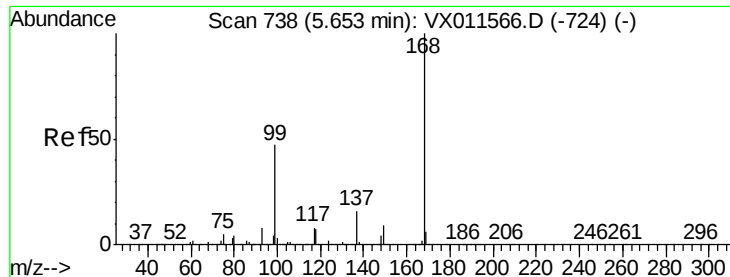
Manual Integrations
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8/21/2019 8:33:09 AM

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Quant Title : SW846 8260
QLast Update : Fri Aug 16 04:15:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	113916	19.725	ug/l	98
94) Hexachlorobutadiene	13.78	225	62349	19.827	ug/l	99
95) Naphthalene	13.83	128	338345	20.723	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	118261	20.302	ug/l	99

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



#1

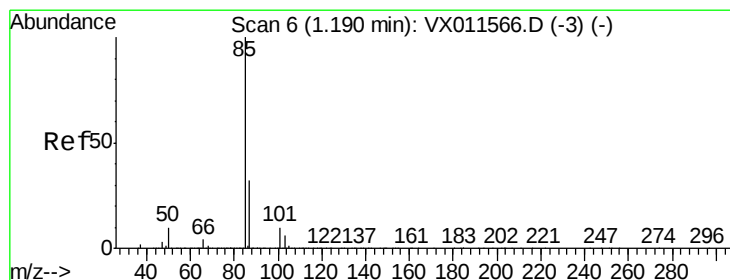
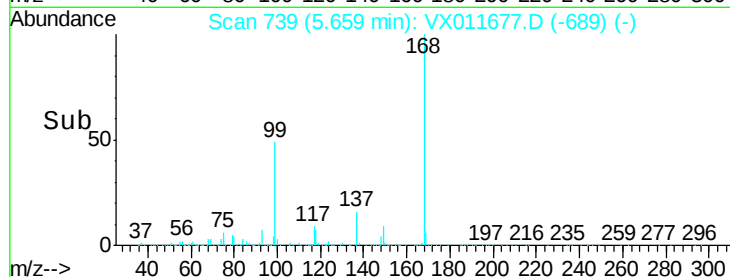
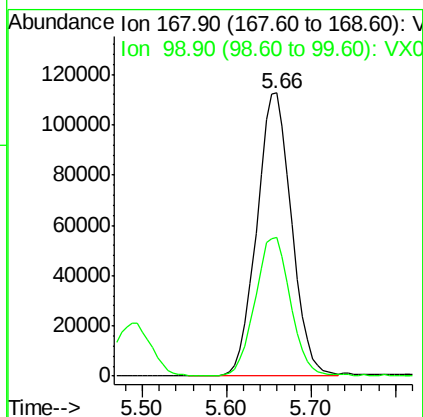
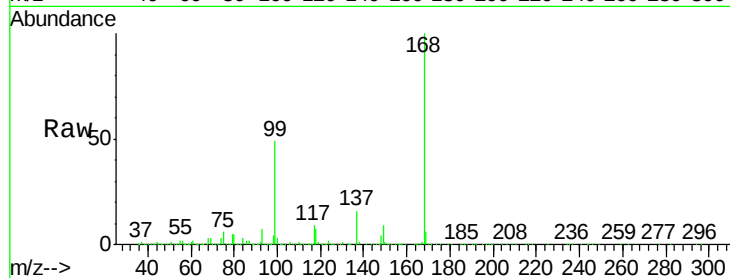
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.01 min
Lab File: VX011677.D
Acq: 20 Aug 2019 12:17

Instrument :
MSVOA_X
ClientSampleId :
VX0820MBS01

Tot Ion	Ratio	Resp	Lower	Upper
168	100	319356		
99	48.6	37.3	55.9	

Manual Integrations
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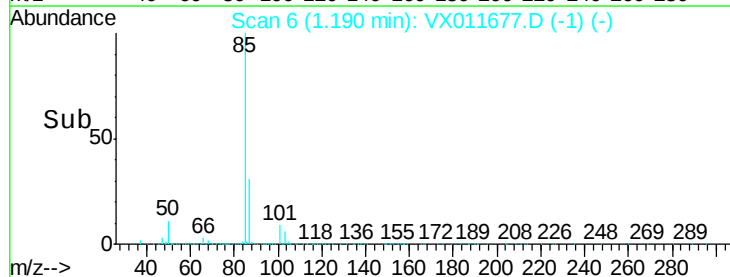
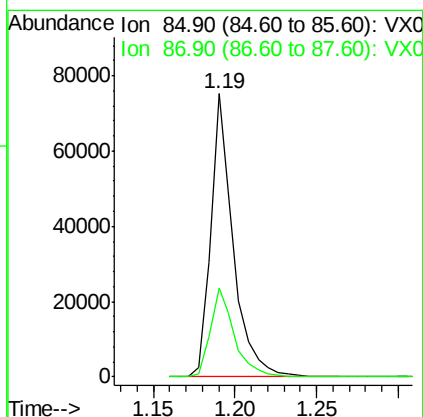
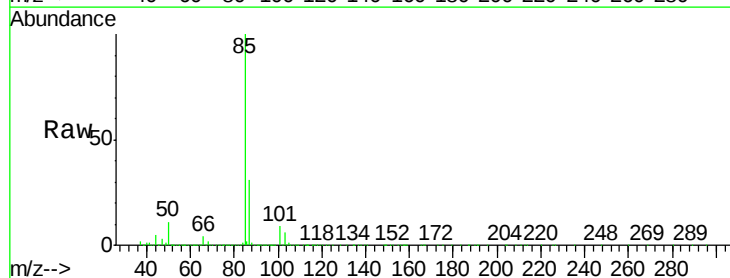
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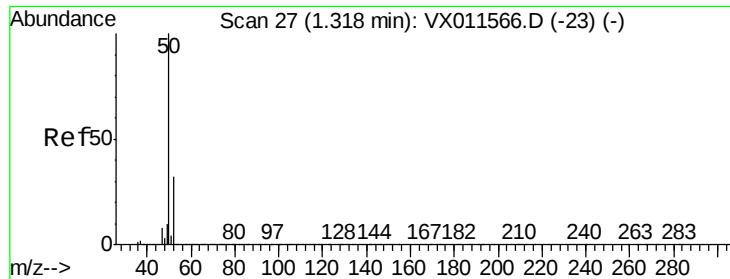


#2

Dichlorodifluoromethane
Concen: 22.972 ug/l
RT: 1.19 min Scan# 6
Delta R.T. -0.00 min
Lab File: VX011677.D
Acq: 20 Aug 2019 12:17

Tgt Ion	Ratio	Resp	Lower	Upper
85	100	72111		
87	31.3	16.1	48.2	





#3

Chloromethane

Concen: 18.941 ug/l

RT: 1.32 min Scan# 27

Delta R.T. -0.00 min

Lab File: VX011677.D

Acq: 20 Aug 2019 12:17

Instrument :

MSVOA_X

ClientSampleId :

VX0820MBS01

Tot Ion: 50 Resp: 61754

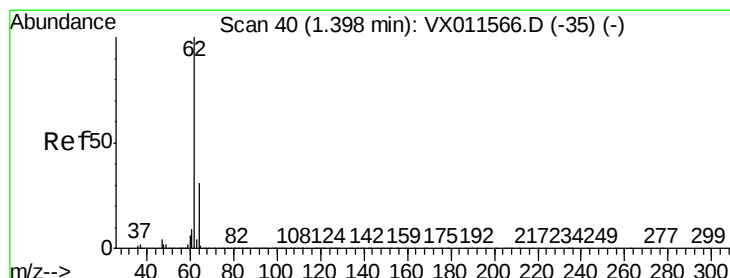
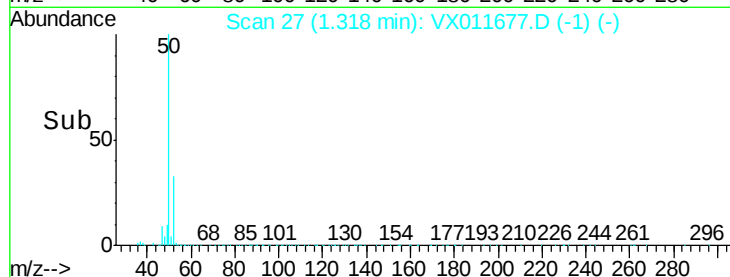
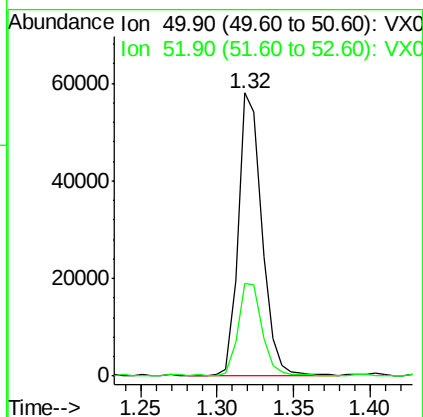
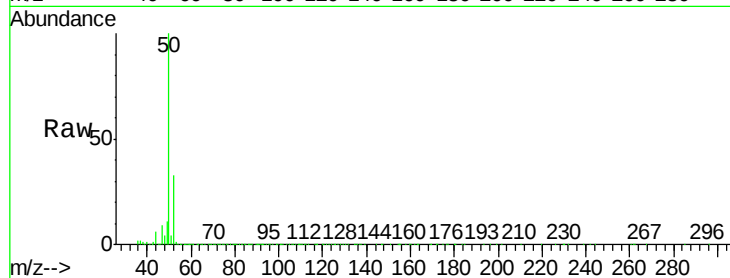
Ion Ratio Lower Upper

50 100

52 32.5 26.0 39.0

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#4

Vinyl Chloride

Concen: 19.865 ug/l

RT: 1.40 min Scan# 40

Delta R.T. -0.00 min

Lab File: VX011677.D

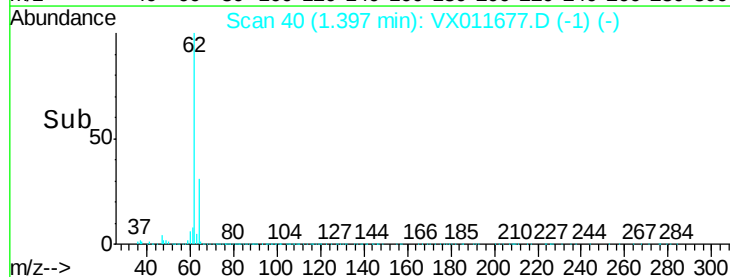
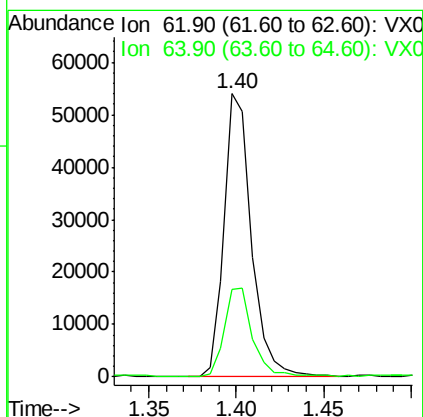
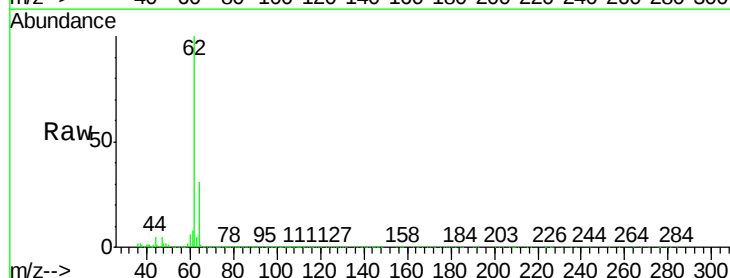
Acq: 20 Aug 2019 12:17

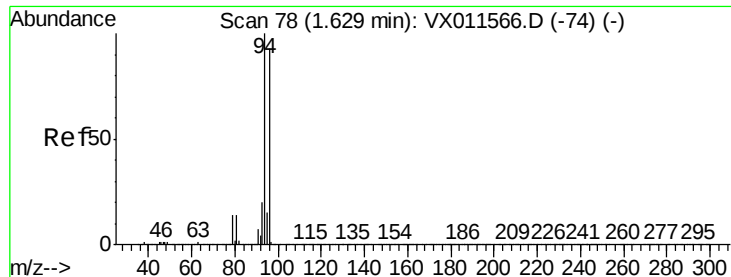
Tgt Ion: 62 Resp: 58506

Ion Ratio Lower Upper

62 100

64 30.6 25.0 37.4





#5

Bromomethane

Concen: 29.405 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.01 min

Lab File: VX011677.D

Acq: 20 Aug 2019 12:17

Tot Ion: 94 Resp: 38805

Ion Ratio Lower Upper

94 100

96 94.4 74.8 112.2

Instrument :

MSVOA_X

ClientSampleId :

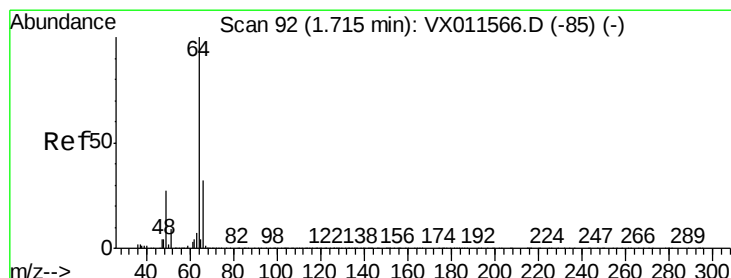
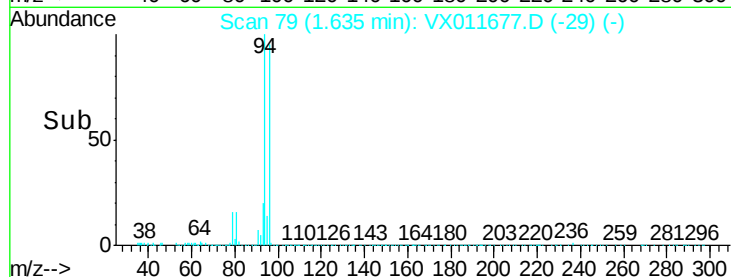
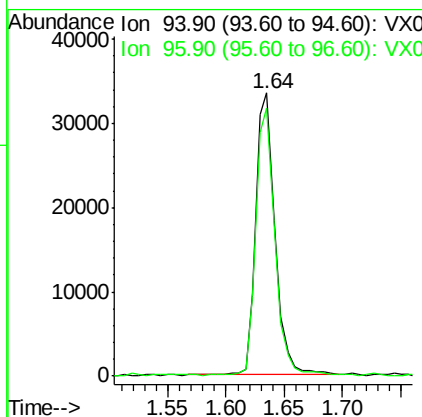
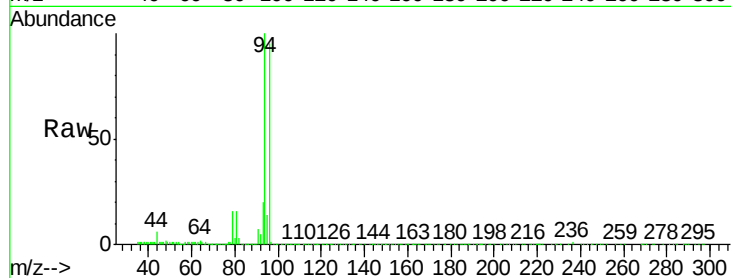
VX0820MBS01

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#6

Chloroethane

Concen: 23.160 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX011677.D

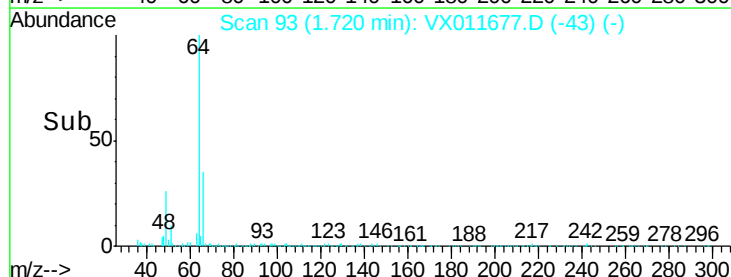
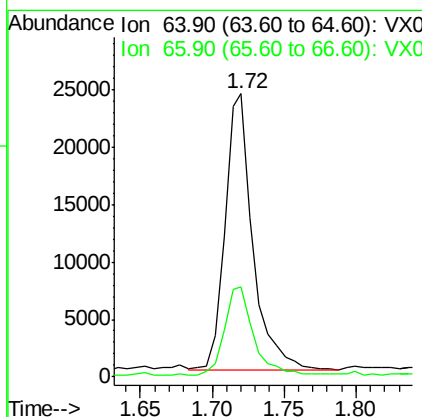
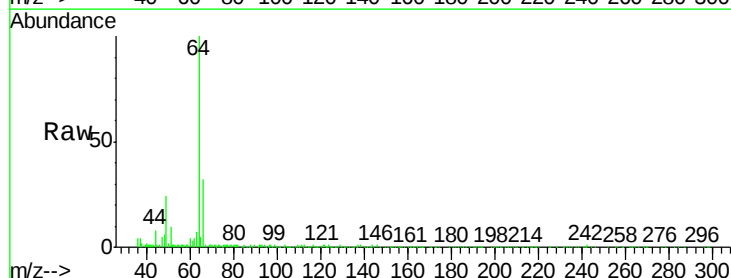
Acq: 20 Aug 2019 12:17

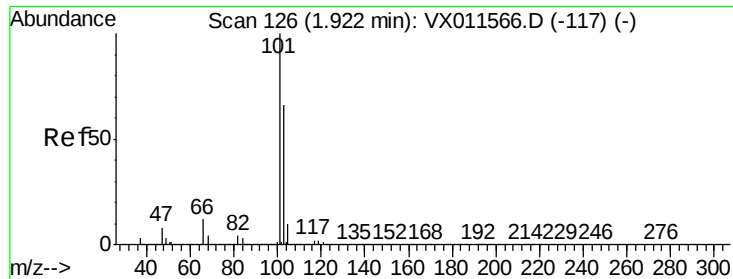
Tgt Ion: 64 Resp: 32283

Ion Ratio Lower Upper

64 100

66 31.7 25.3 37.9





#7

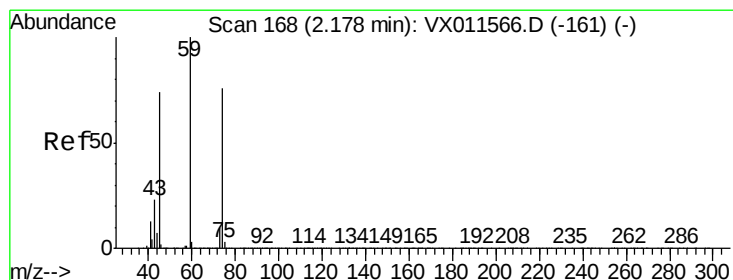
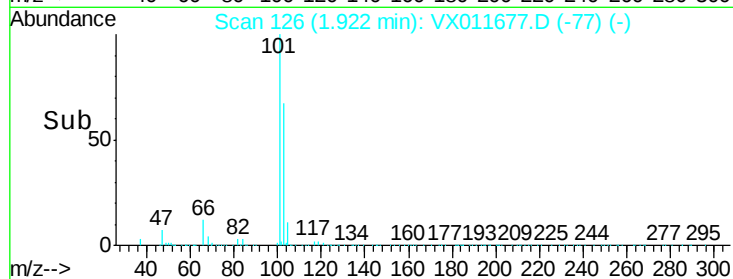
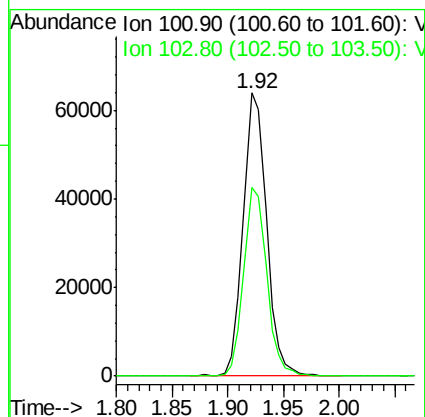
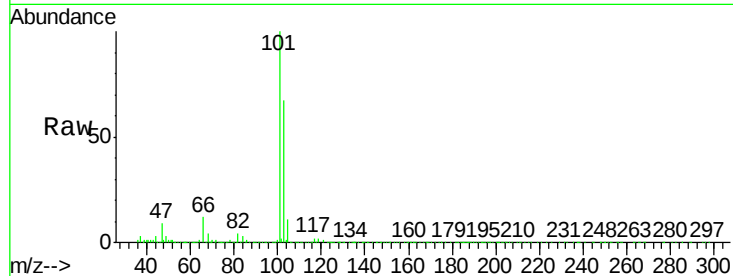
Trichlorofluoromethane
Concen: 22.960 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.00 min
Lab File: VX011677.D
Acq: 20 Aug 2019 12:17

Instrument :
MSVOA_X
ClientSampleId :
VX0820MBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.6	52.9	79.3

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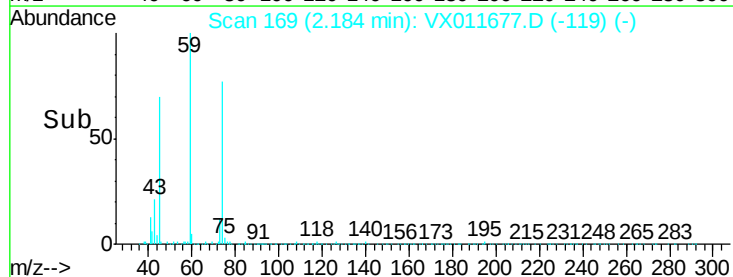
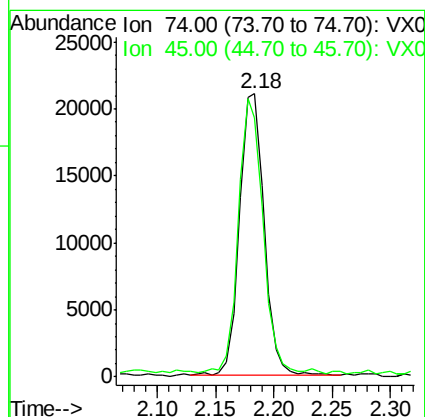
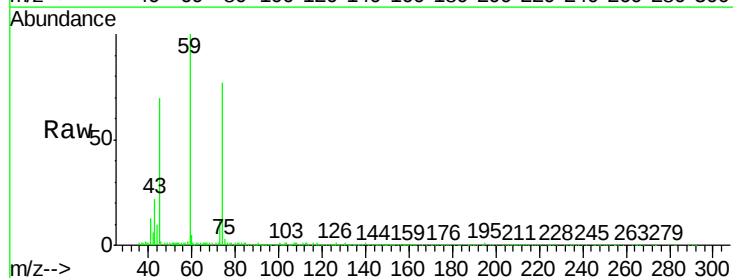
MMDadoda
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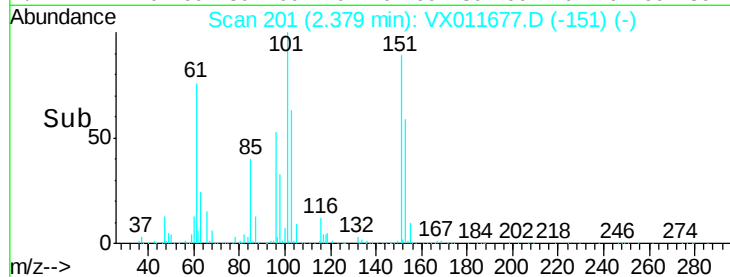
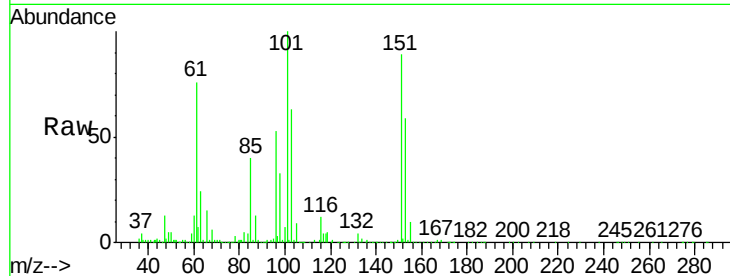
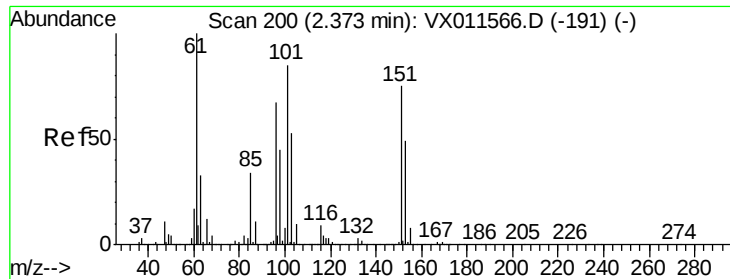


#8

Diethyl Ether
Concen: 22.242 ug/l
RT: 2.18 min Scan# 169
Delta R.T. 0.01 min
Lab File: VX011677.D
Acq: 20 Aug 2019 12:17

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.1	48.2	144.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.093 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.01 min

Lab File: VX011677.D

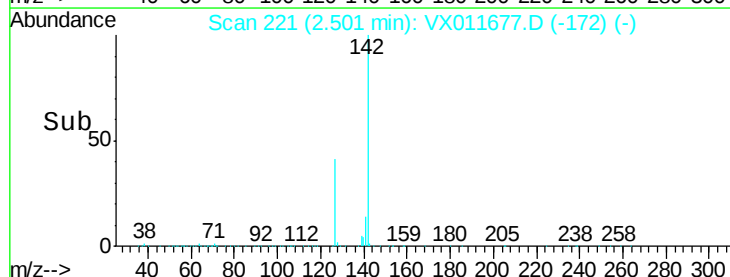
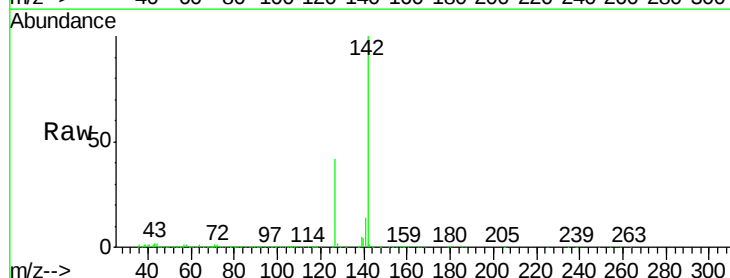
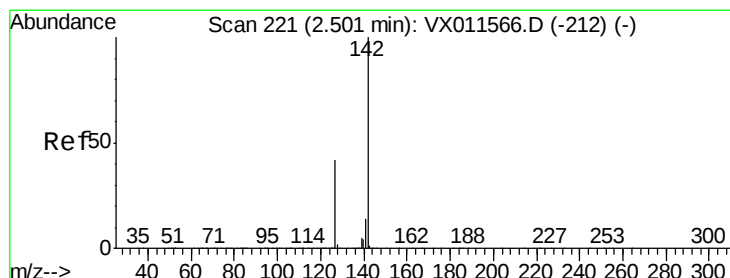
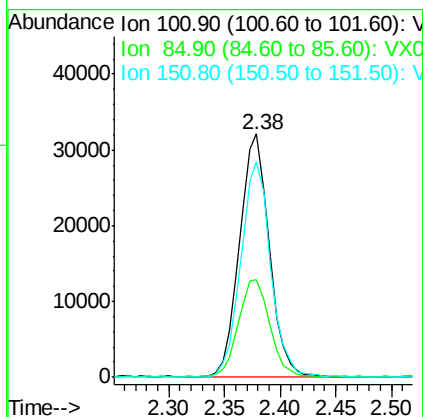
Acq: 20 Aug 2019 12:17

Tot Ion:	101	Resp:	59434
Ion Ratio	Lower	Upper	
101	100		
85	42.2	33.0	49.4
151	89.7	73.3	109.9

Instrument :
MSVOA_X
ClientSampleId :
VX0820MBS01

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#10

Methyl Iodide

Concen: 17.754 ug/l

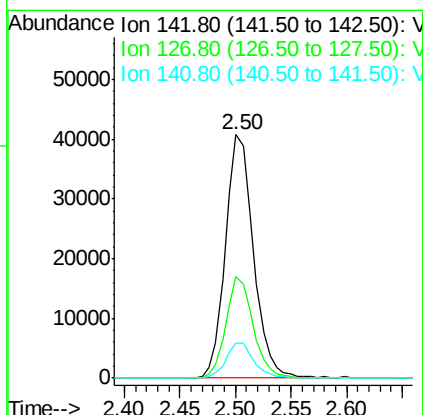
RT: 2.50 min Scan# 221

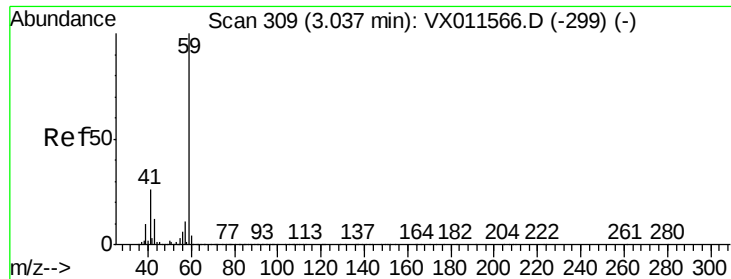
Delta R.T. -0.00 min

Lab File: VX011677.D

Acq: 20 Aug 2019 12:17

Tgt Ion:	142	Resp:	71265
Ion Ratio	Lower	Upper	
142	100		
127	40.2	32.8	49.2
141	14.4	11.4	17.2





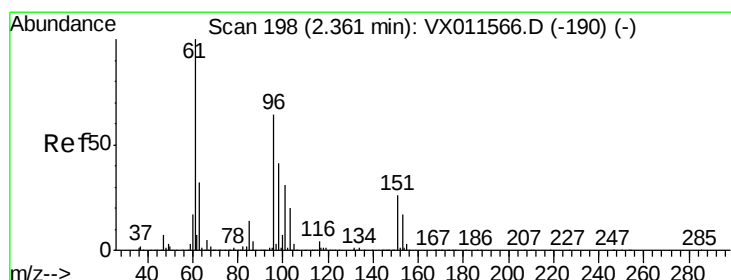
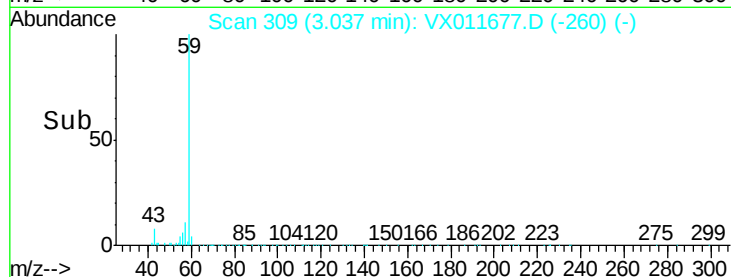
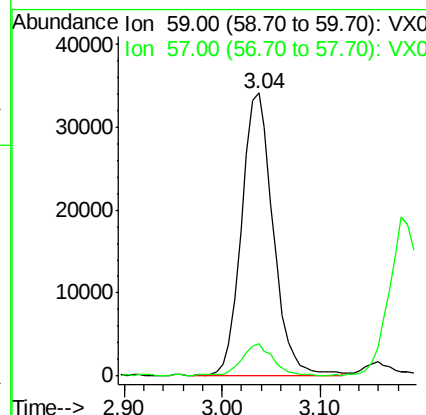
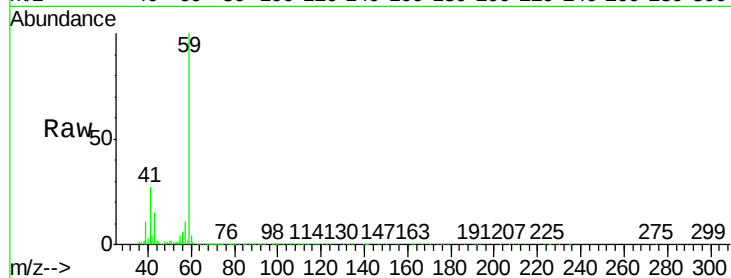
#11
Tert butyl alcohol
Concen: 105.002 ug/l
RT: 3.04 min Scan# 309
Delta R.T. -0.00 min
Lab File: VX011677.D
Acq: 20 Aug 2019 12:17

Instrument :
MSVOA_X
ClientSampleId :
VX0820MBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.5	8.7	13.1

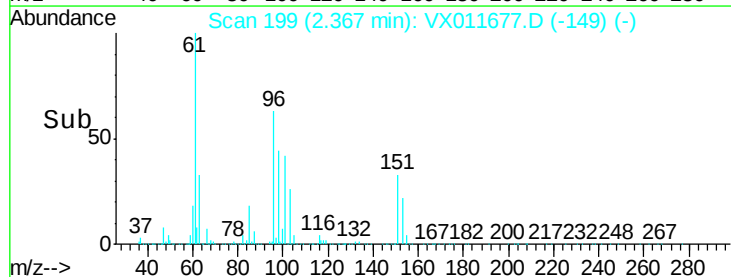
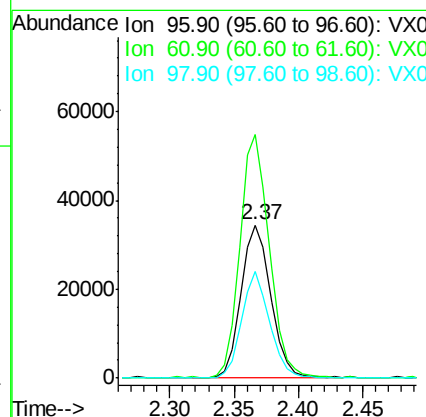
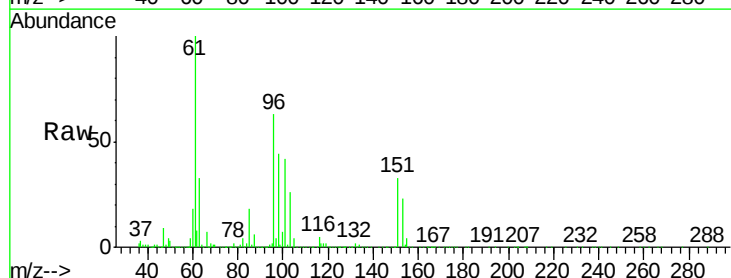
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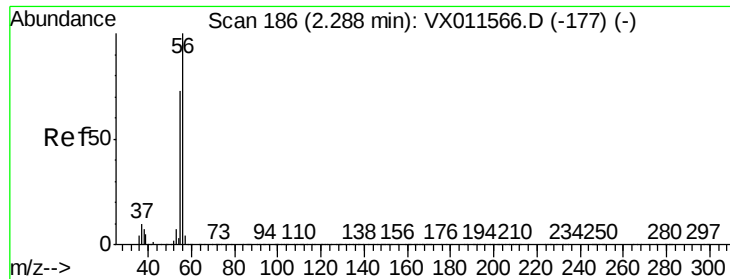
MMDadoda
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#12
1,1-Dichloroethene
Concen: 20.179 ug/l
RT: 2.37 min Scan# 199
Delta R.T. 0.01 min
Lab File: VX011677.D
Acq: 20 Aug 2019 12:17

Tgt Ion	Ratio	Lower	Upper
96	100		
61	159.2	125.0	187.4
98	69.8	51.5	77.3





#13

Acrolein

Concen: 120.317 ug/l

RT: 2.29 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX011677.D

Acq: 20 Aug 2019 12:17

Instrument :

MSVOA_X

ClientSampleId :

VX0820MBS01

Tot Ion: 56 Resp: 25413

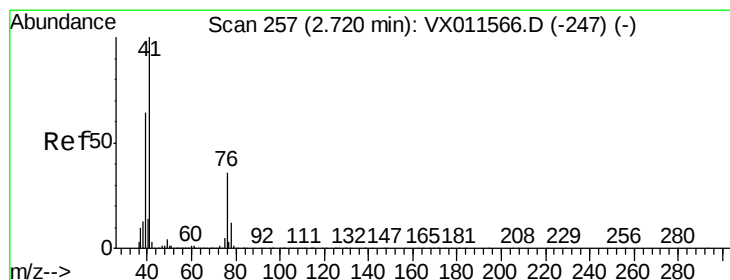
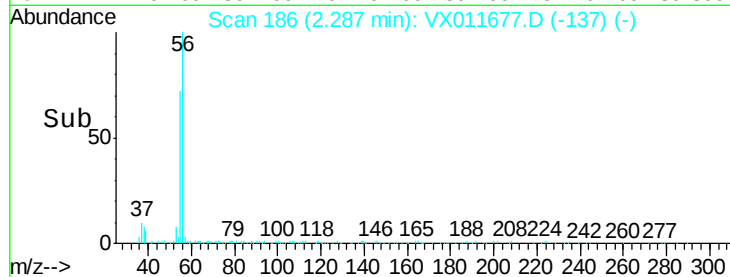
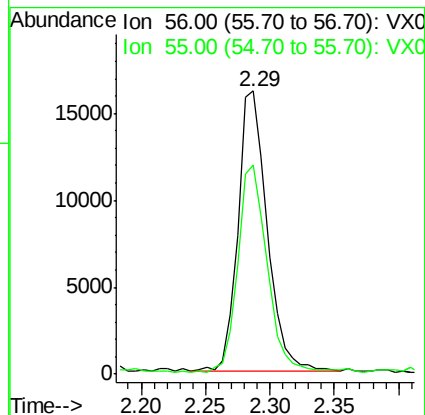
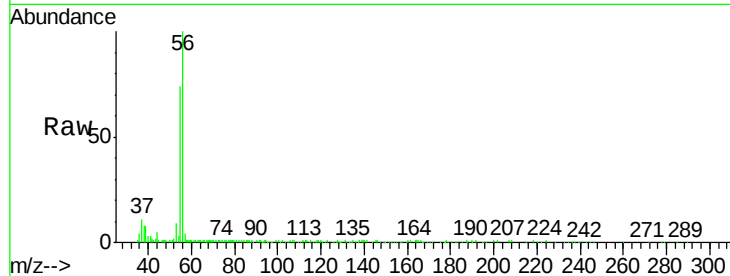
Ion Ratio Lower Upper

56 100

55 75.2 55.5 83.3

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#14

Allyl chloride

Concen: 20.522 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.00 min

Lab File: VX011677.D

Acq: 20 Aug 2019 12:17

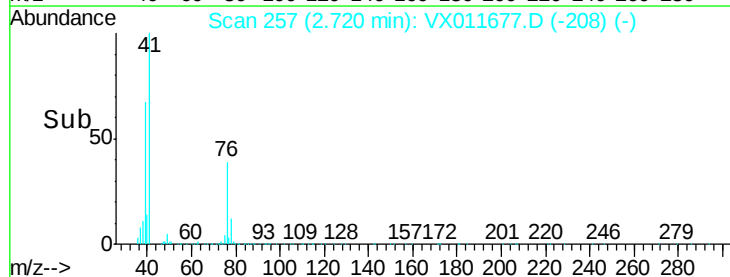
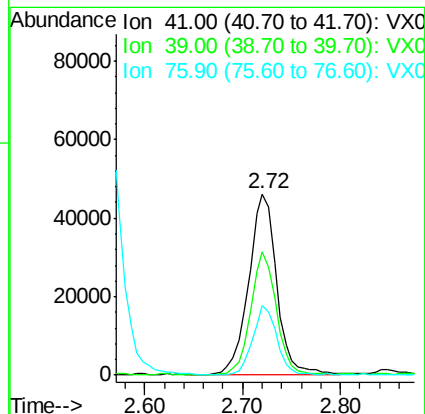
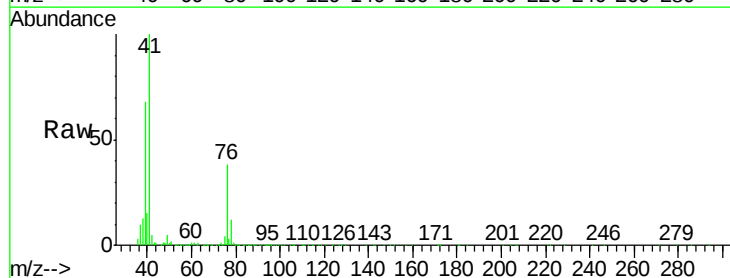
Tgt Ion: 41 Resp: 92959

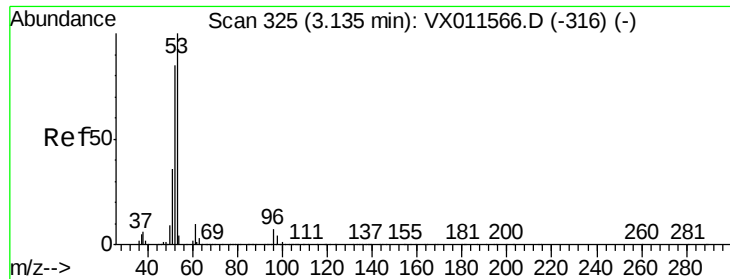
Ion Ratio Lower Upper

41 100

39 61.0 47.5 71.3

76 32.5 26.3 39.5





#15

Acrylonitrile

Concen: 109.917 ug/l

RT: 3.13 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX011677.D

Acq: 20 Aug 2019 12:17

Instrument :

MSVOA_X

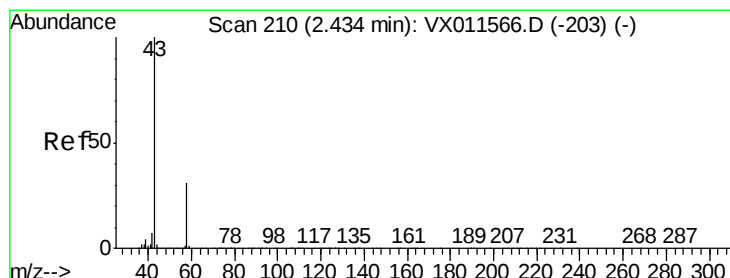
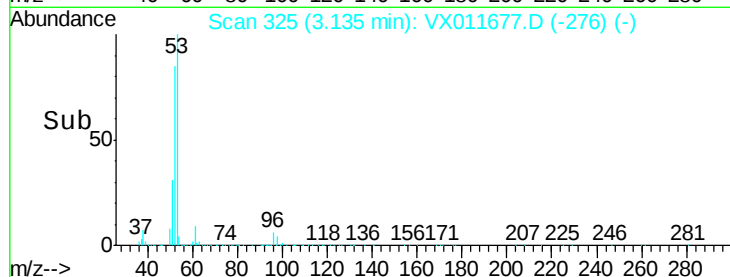
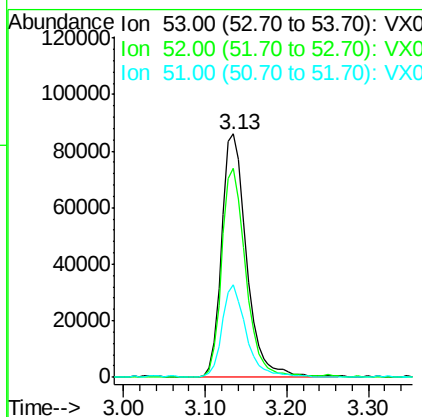
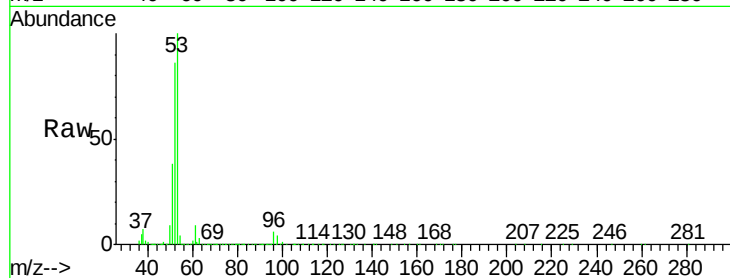
ClientSampleId :

VX0820MBS01

Tot Ion:	53	Resp:	182780
Ion	Ratio	Lower	Upper
53	100		
52	82.4	66.7	100.1
51	36.1	28.7	43.1

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#16

Acetone

Concen: 105.135 ug/l

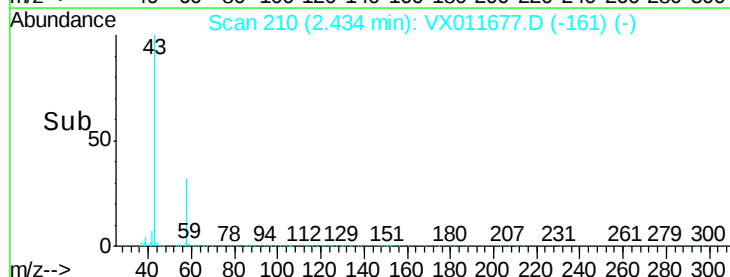
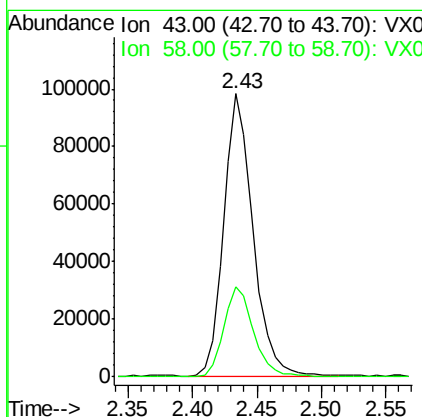
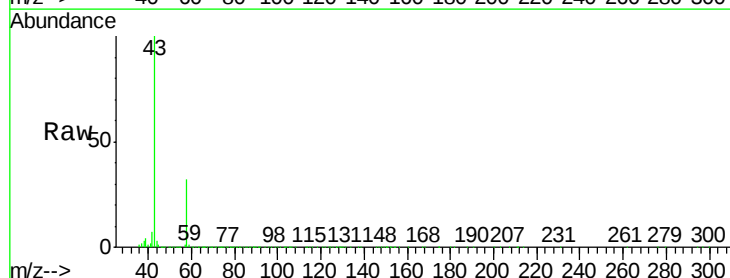
RT: 2.43 min Scan# 210

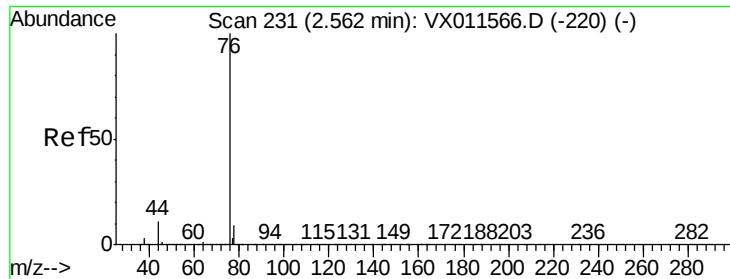
Delta R.T. -0.00 min

Lab File: VX011677.D

Acq: 20 Aug 2019 12:17

Tgt Ion:	43	Resp:	156562
Ion	Ratio	Lower	Upper
43	100		
58	31.7	25.2	37.8





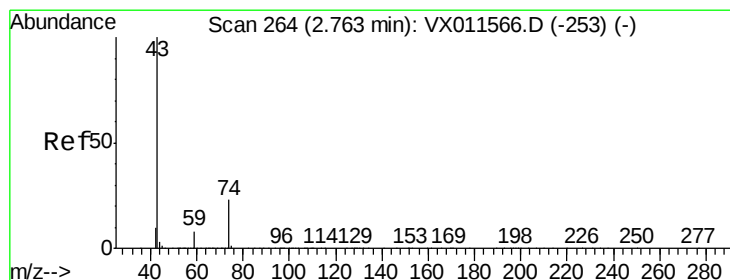
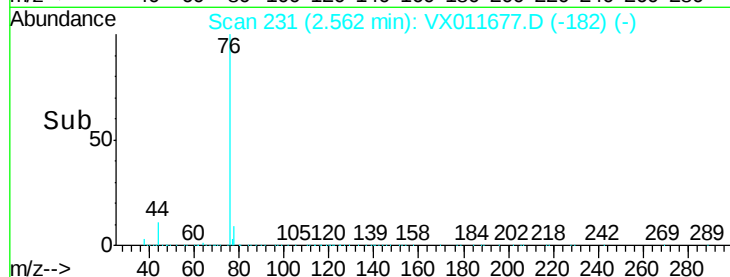
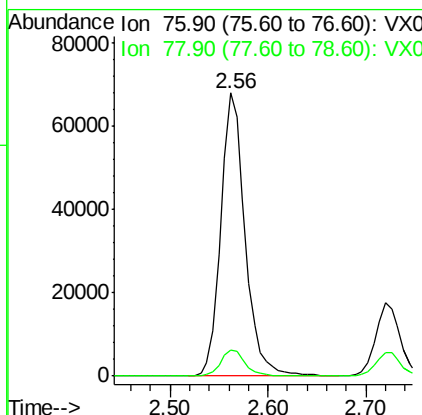
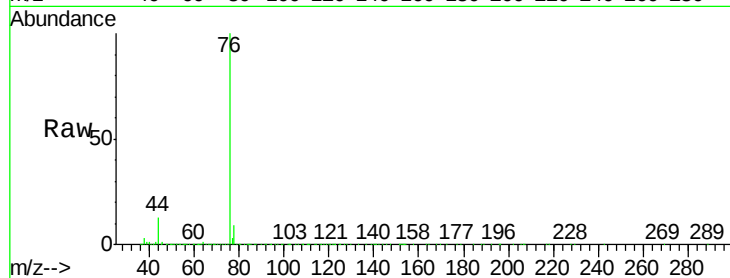
#17
Carbon Disulfide
Concen: 18.137 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.00 min
Lab File: VX011677.D
Acq: 20 Aug 2019 12:17

Instrument :
MSVOA_X
ClientSampleId :
VX0820MBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.2	10.8

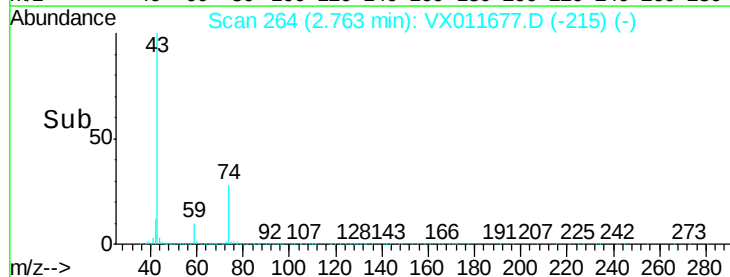
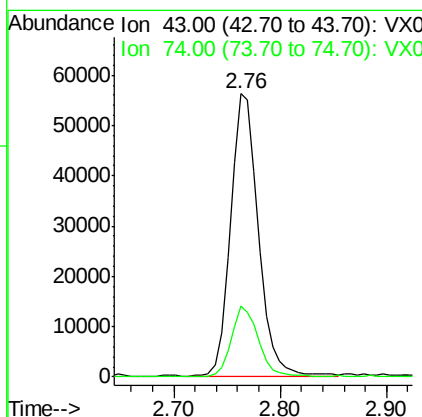
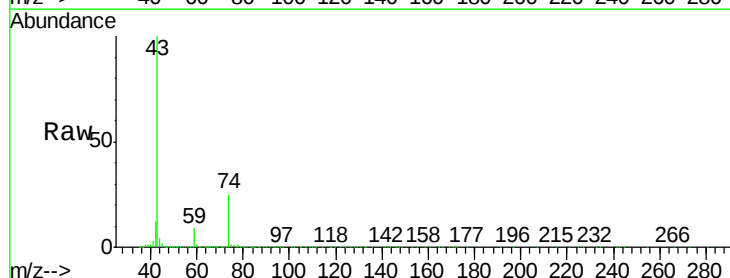
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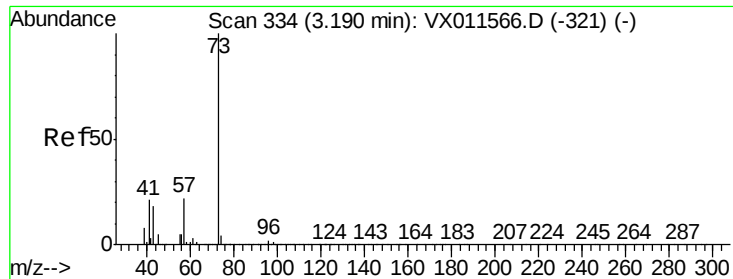
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#18
Methyl Acetate
Concen: 22.521 ug/l
RT: 2.76 min Scan# 264
Delta R.T. -0.00 min
Lab File: VX011677.D
Acq: 20 Aug 2019 12:17

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.6	19.7	29.5





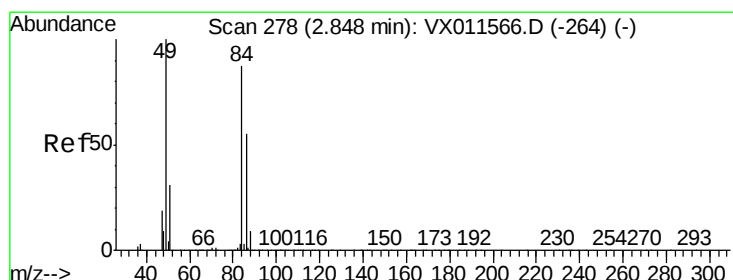
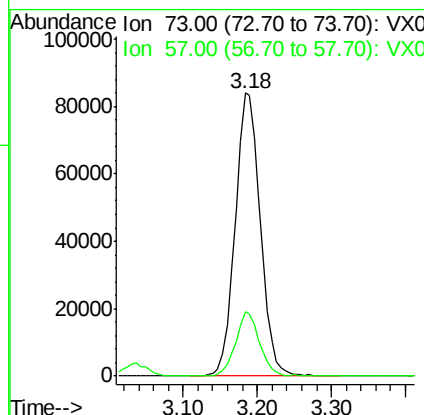
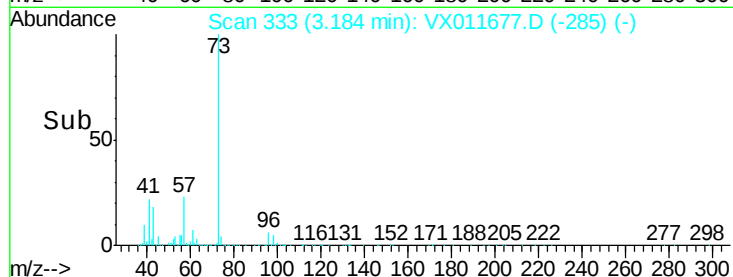
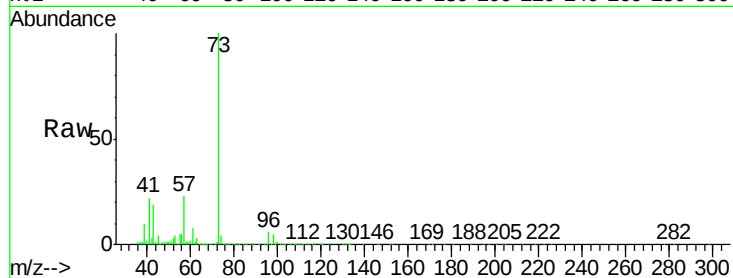
#19
Methvl tert-butvl Ether
Concen: 22.294 ug/l
RT: 3.18 min Scan# 333
Delta R.T. -0.01 min
Lab File: VX011677.D
Acq: 20 Aug 2019 12:17

Instrument :
MSVOA_X
ClientSampleId :
VX0820MBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.7	17.2	25.8

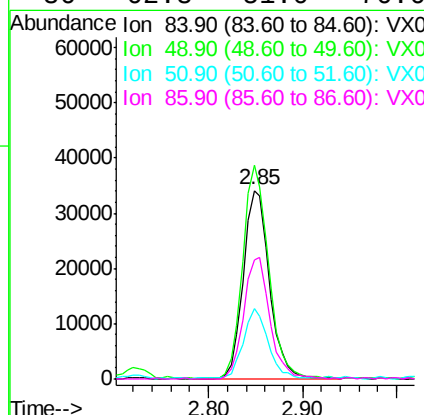
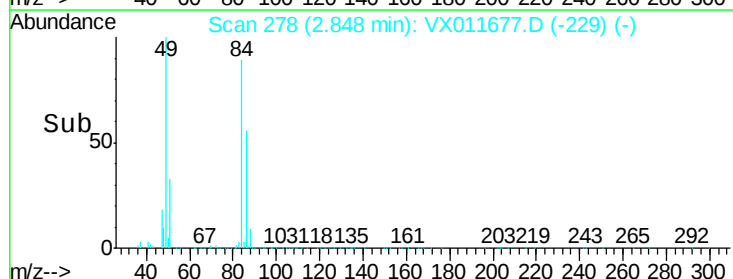
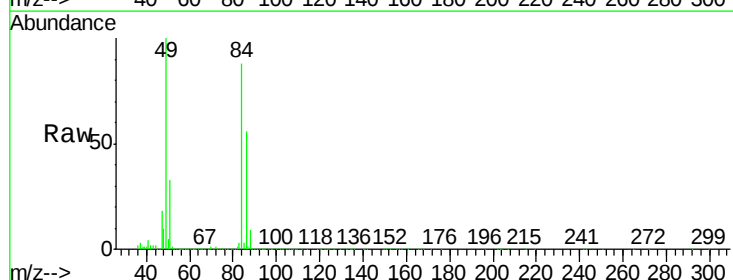
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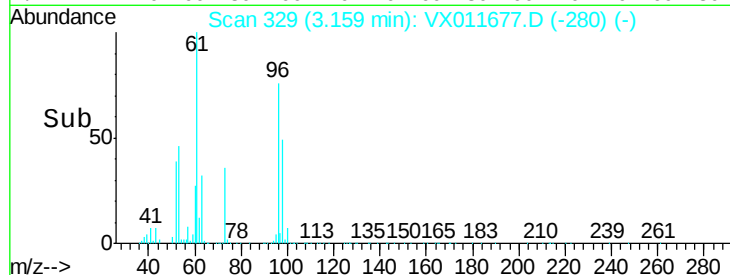
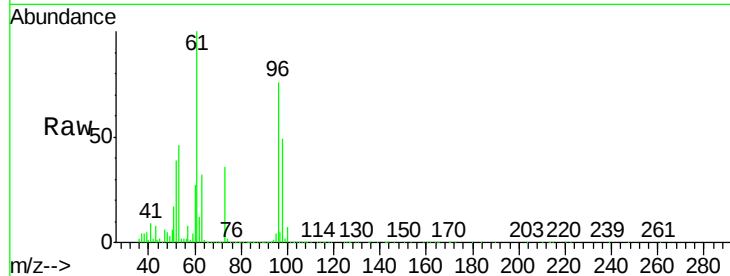
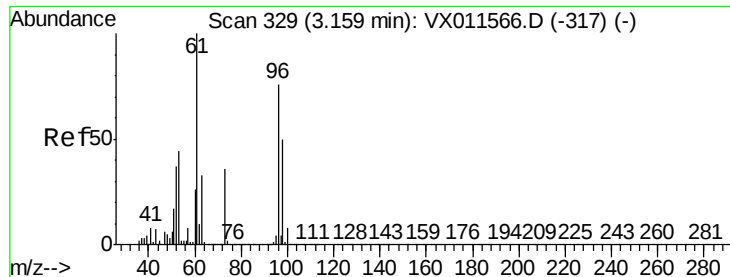
MMDadoda
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#20
Methylene Chloride
Concen: 21.312 ug/l
RT: 2.85 min Scan# 278
Delta R.T. -0.00 min
Lab File: VX011677.D
Acq: 20 Aug 2019 12:17

Tgt Ion	Ratio	Lower	Upper
84	100		
49	112.8	92.4	138.6
51	37.1	28.5	42.7
86	62.8	51.0	76.6





#21

trans-1,2-Dichloroethene

Concen: 20.928 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX011677.D

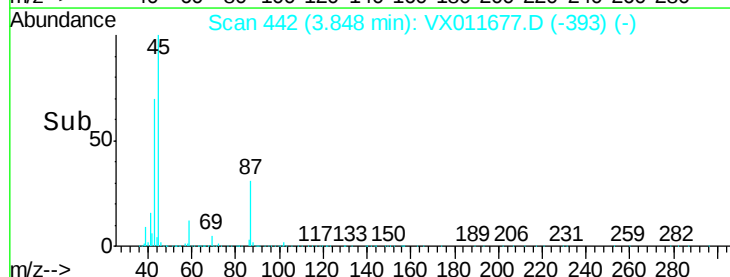
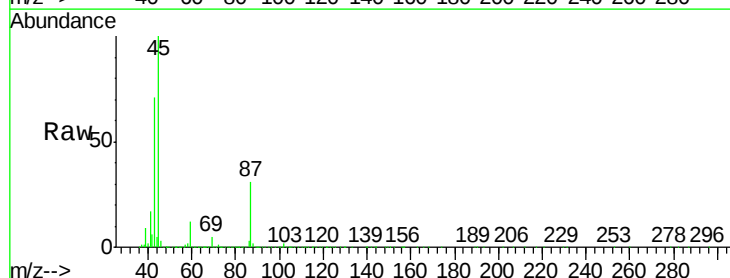
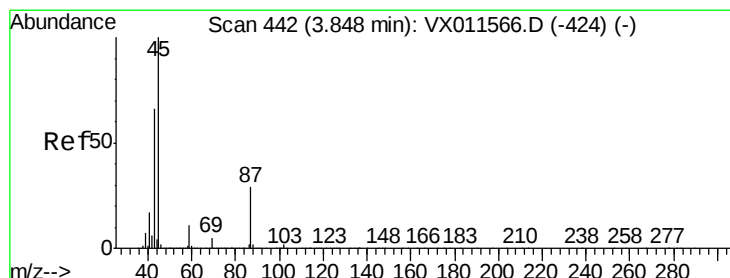
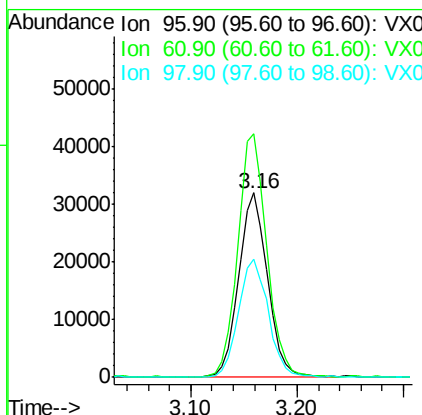
Acq: 20 Aug 2019 12:17

Tot Ion:	96	Resp:	60390
Ion	Ratio	Lower	Upper
96	100		
61	132.1	105.5	158.3
98	64.3	52.6	78.8

Instrument :
MSVOA_X
ClientSampleId :
VX0820MBS01

Manual Integrations
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#22

Diisopropyl ether

Concen: 21.909 ug/l

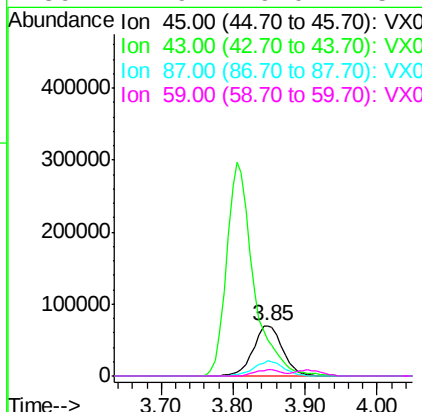
RT: 3.85 min Scan# 442

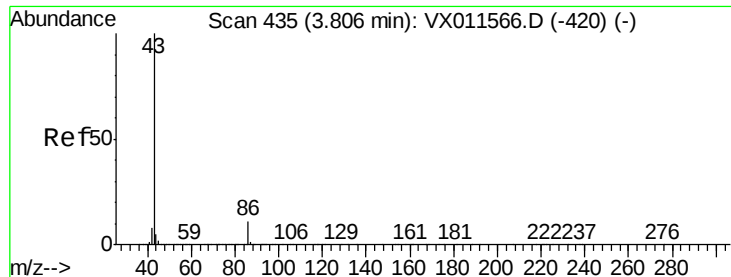
Delta R.T. -0.00 min

Lab File: VX011677.D

Acq: 20 Aug 2019 12:17

Tgt Ion:	45	Resp:	197637
Ion	Ratio	Lower	Upper
45	100		
43	70.5	52.7	79.1
87	30.9	23.5	35.3
59	11.9	9.0	13.4





#23

Vinyl Acetate

Concen: 108.208 ug/l

RT: 3.81 min Scan# 435

Delta R.T. -0.00 min

Lab File: VX011677.D

Acq: 20 Aug 2019 12:17

Instrument :

MSVOA_X

ClientSampleId :

VX0820MBS01

Tot Ion: 43 Resp: 772970

Ion Ratio Lower Upper

43 100

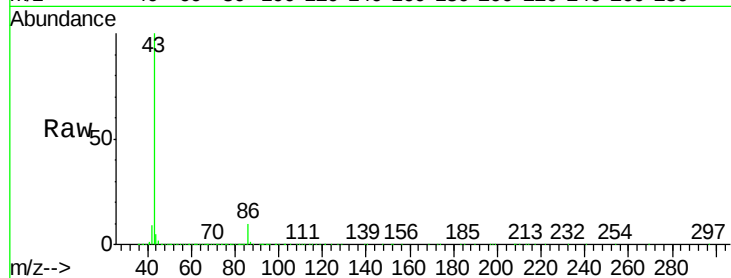
86 10.3 8.6 13.0

Manual Integrations

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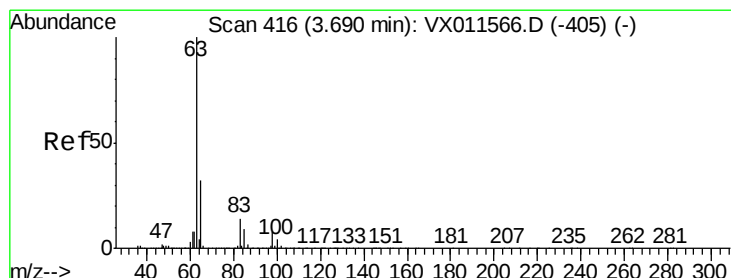
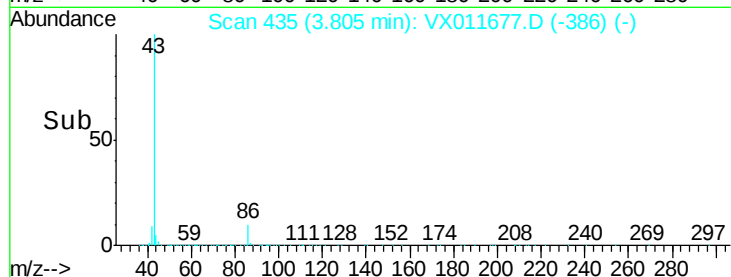
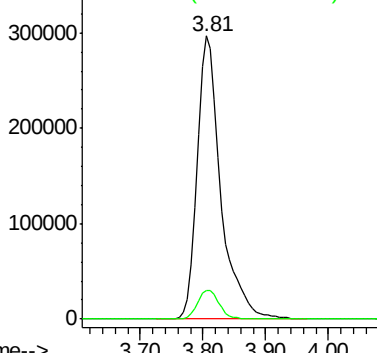
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 21.494 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.00 min

Lab File: VX011677.D

Acq: 20 Aug 2019 12:17

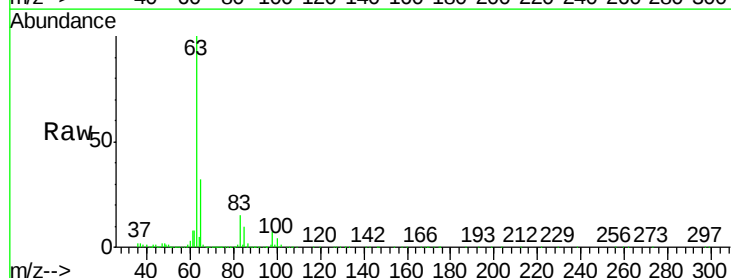
Tgt Ion: 63 Resp: 109626

Ion Ratio Lower Upper

63 100

98 6.6 3.7 11.1

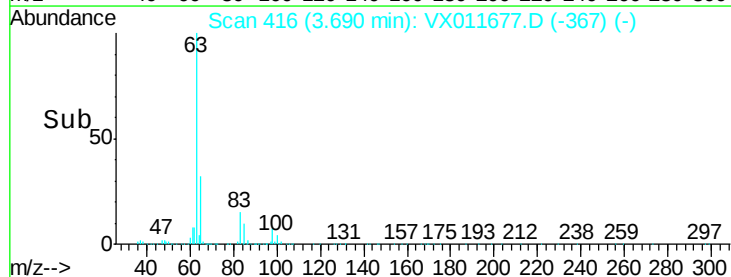
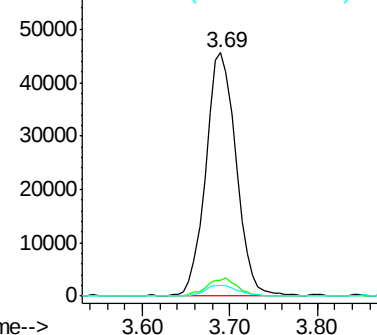
100 4.2 2.1 6.3

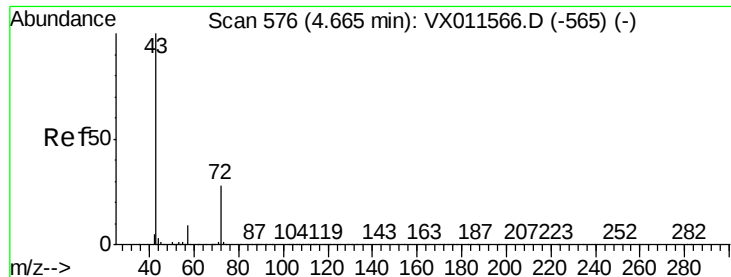


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 104.132 ug/l

RT: 4.66 min Scan# 576

Delta R.T. -0.00 min

Lab File: VX011677.D

Acq: 20 Aug 2019 12:17

Instrument :

MSVOA_X

ClientSampleId :

VX0820MBS01

Tot Ion: 43 Resp: 243444

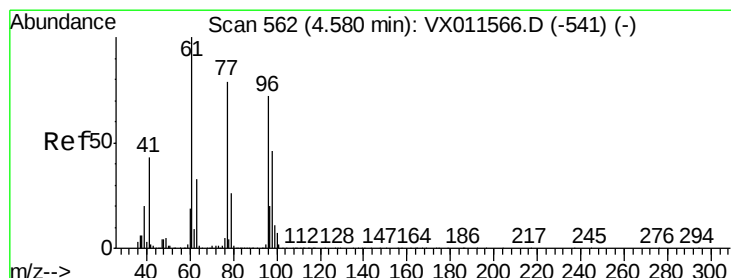
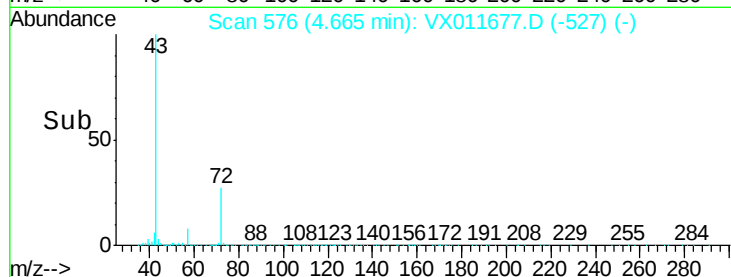
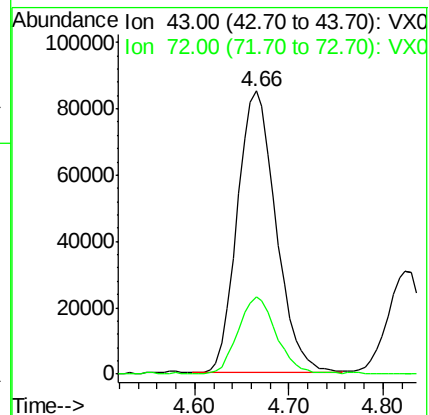
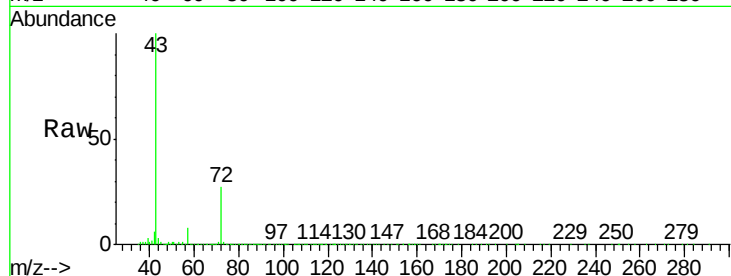
Ion Ratio Lower Upper

43 100

72 27.0 22.2 33.4

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 21.290 ug/l

RT: 4.57 min Scan# 561

Delta R.T. -0.01 min

Lab File: VX011677.D

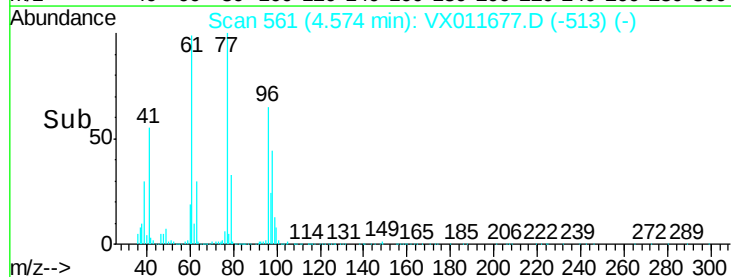
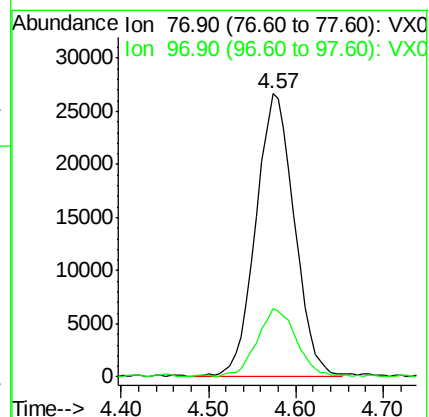
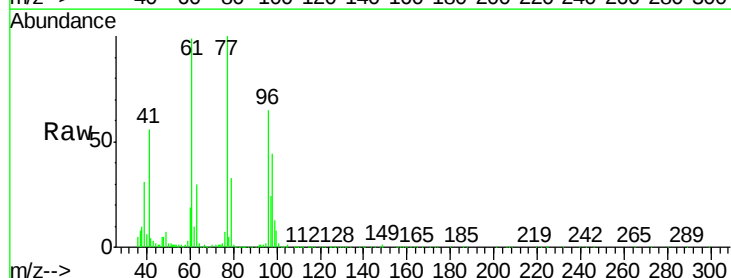
Acq: 20 Aug 2019 12:17

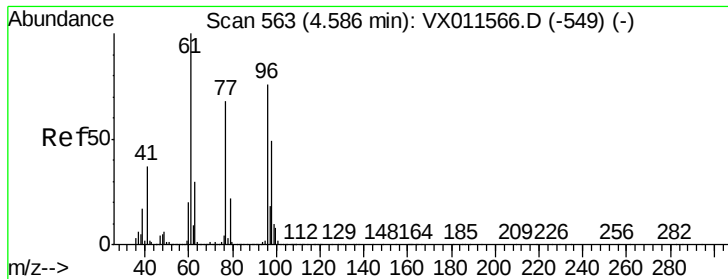
Tgt Ion: 77 Resp: 81725

Ion Ratio Lower Upper

77 100

97 24.0 12.4 37.2





#27

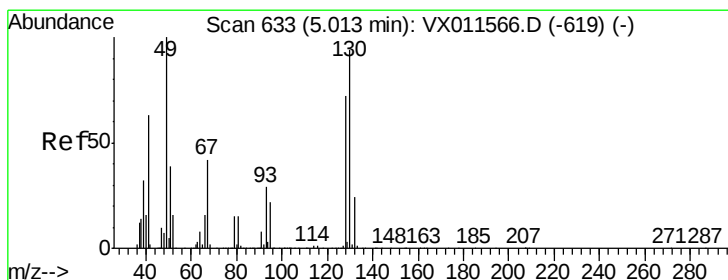
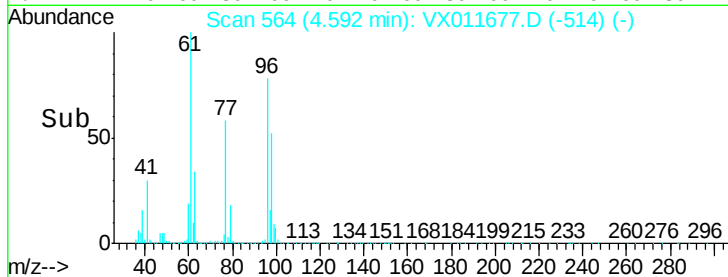
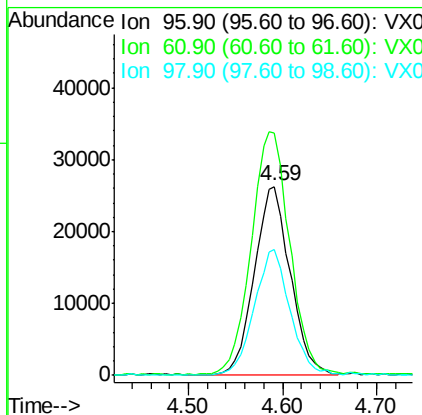
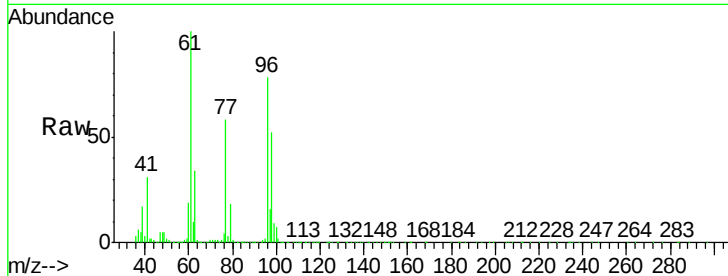
cis-1,2-Dichloroethene
Concen: 20.785 ug/l
RT: 4.59 min Scan# 564
Delta R.T. 0.01 min
Lab File: VX011677.D
Acq: 20 Aug 2019 12:17

Instrument :
MSVOA_X
ClientSampleId :
VX0820MBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	138.5	0.0	272.6
98	66.8	0.0	129.4

Manual Integrations
APPROVED

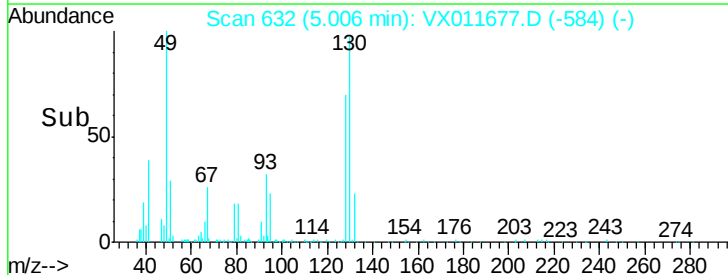
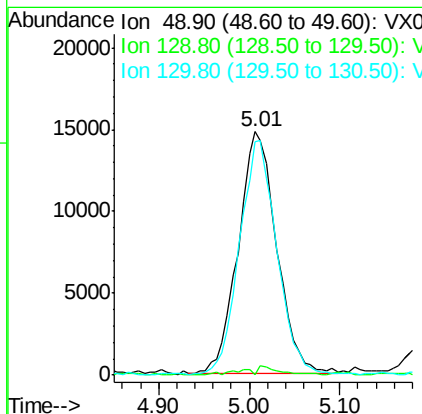
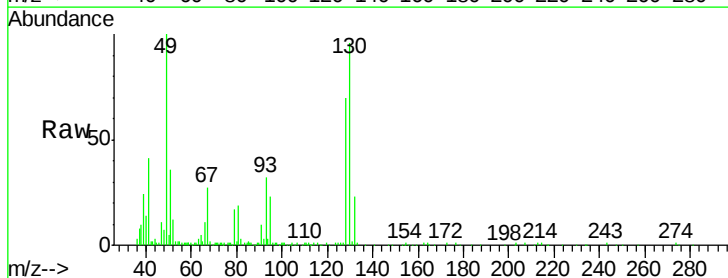
MMDadoda
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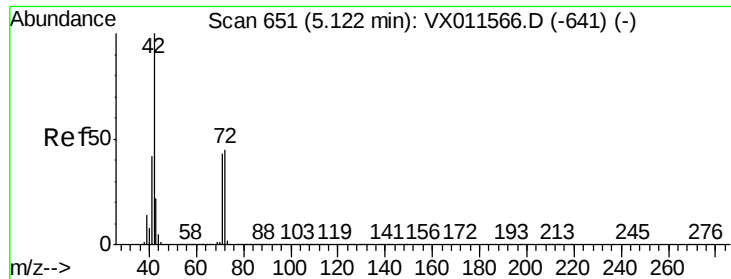


#28

Bromochloromethane
Concen: 19.299 ug/l
RT: 5.01 min Scan# 632
Delta R.T. -0.01 min
Lab File: VX011677.D
Acq: 20 Aug 2019 12:17

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	5.0
130	95.3	76.6	115.0





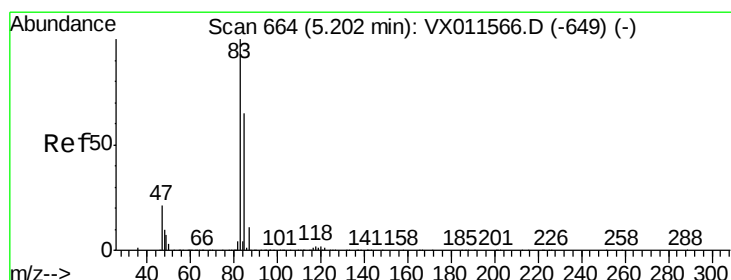
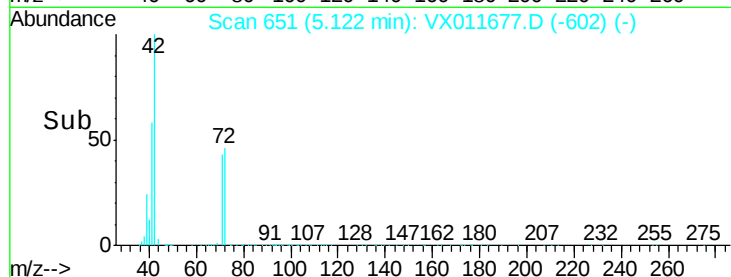
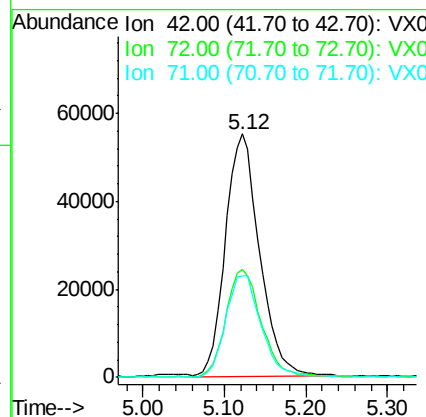
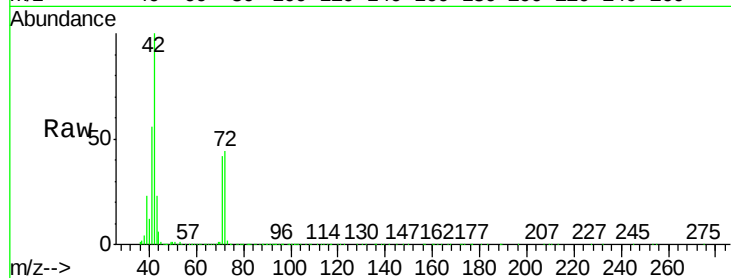
#29
Tetrahydrofuran
Concen: 103.823 ug/l
RT: 5.12 min Scan# 651
Delta R.T. -0.00 min
Lab File: VX011677.D
Acq: 20 Aug 2019 12:17

Instrument :
MSVOA_X
ClientSampleId :
VX0820MBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.7	36.1	54.1
71	43.7	33.8	50.8

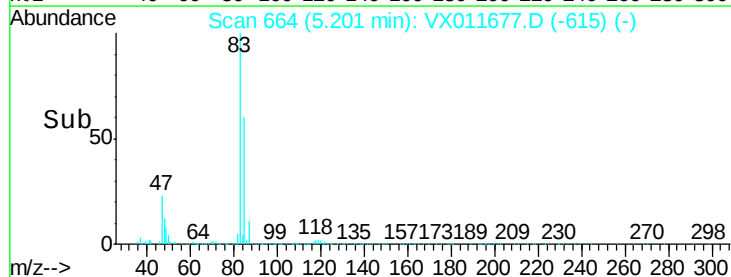
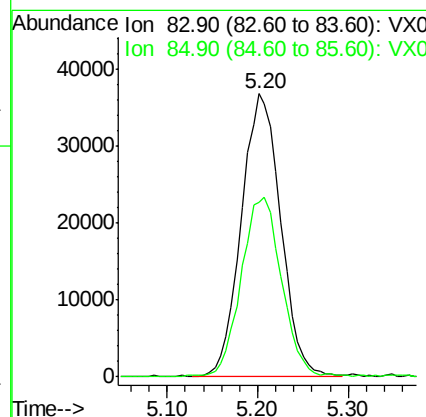
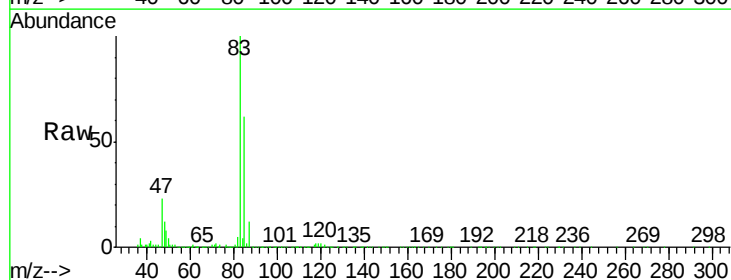
Manual Integrations
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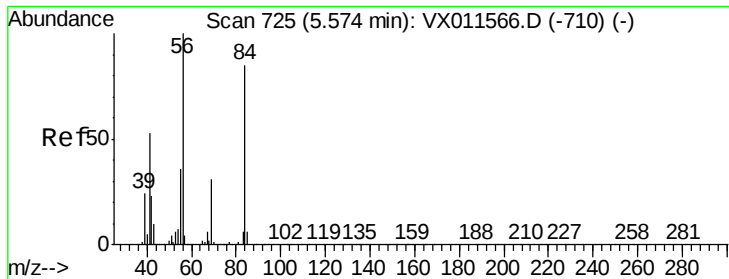
MMDadoda
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#30
Chloroform
Concen: 20.479 ug/l
RT: 5.20 min Scan# 664
Delta R.T. -0.00 min
Lab File: VX011677.D
Acq: 20 Aug 2019 12:17

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.2	51.9	77.9





#31

Cyclohexane

Concen: 21.050 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX011677.D

Acq: 20 Aug 2019 12:17

Instrument :

MSVOA_X

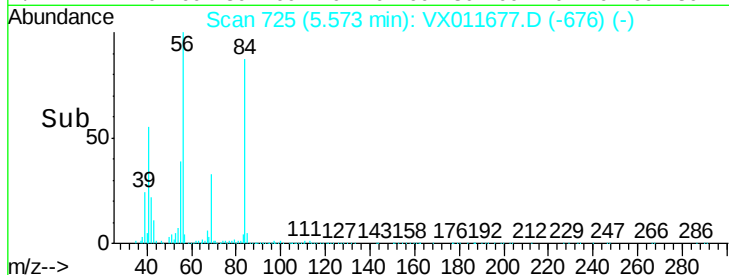
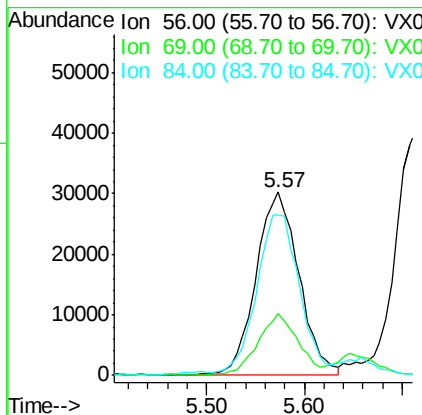
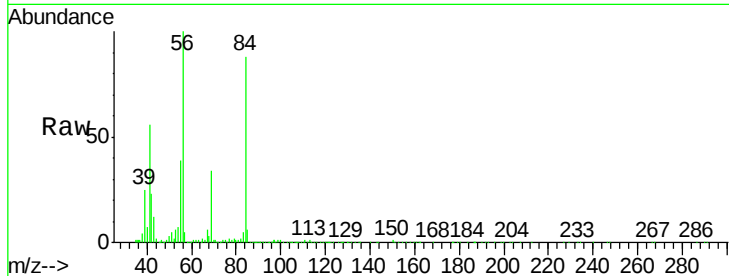
ClientSampleId :

VX0820MBS01

Tot Ion:	56	Resp:	92437
Ion Ratio	Lower	Upper	
56	100		
69	33.4	24.8	37.2
84	86.1	67.9	101.9

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 21.918 ug/l

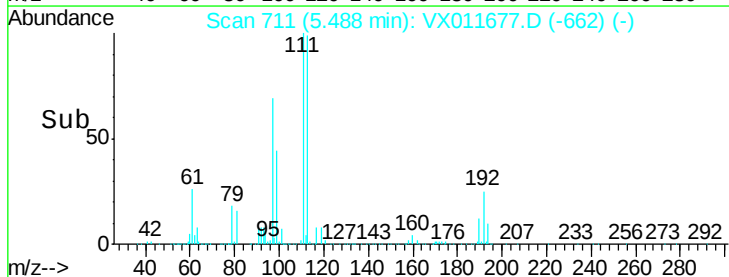
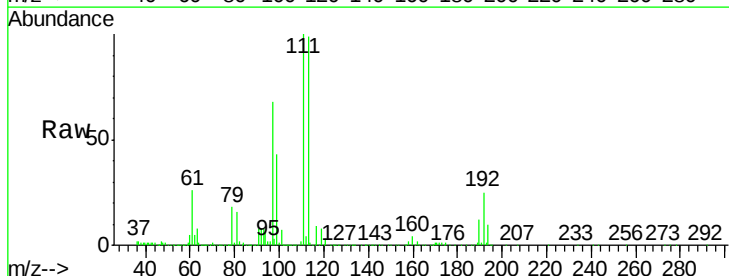
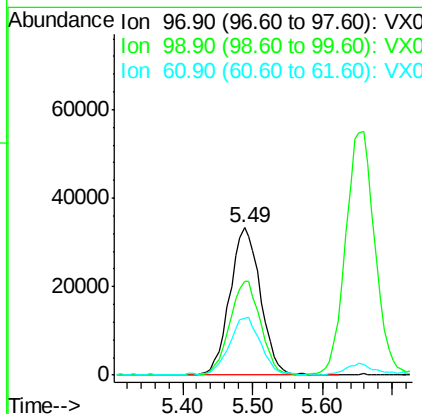
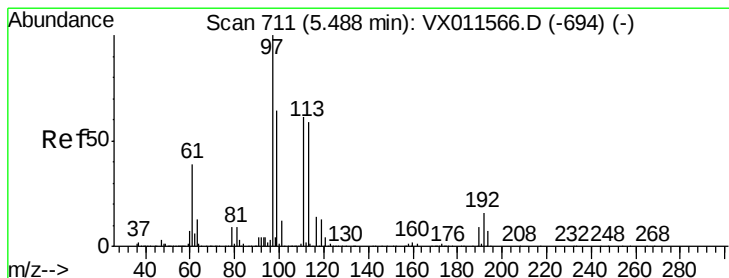
RT: 5.49 min Scan# 711

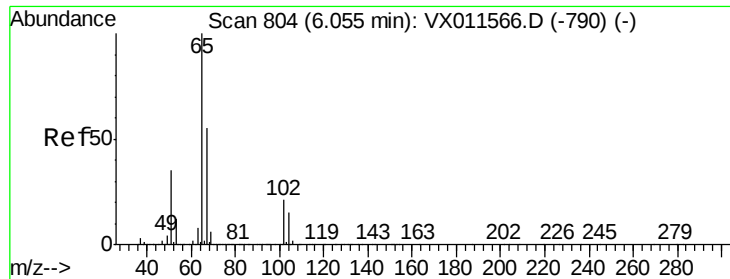
Delta R.T. -0.00 min

Lab File: VX011677.D

Acq: 20 Aug 2019 12:17

Tgt Ion:	97	Resp:	101443
Ion Ratio	Lower	Upper	
97	100		
99	63.1	51.4	77.0
61	38.9	31.4	47.2





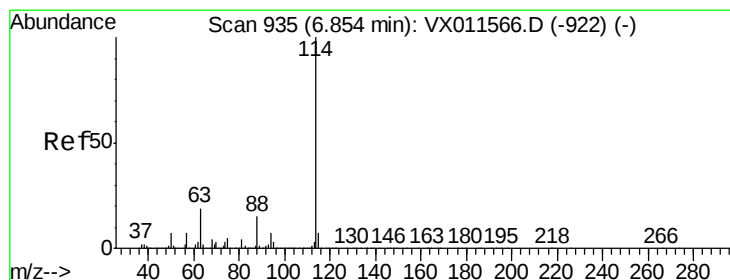
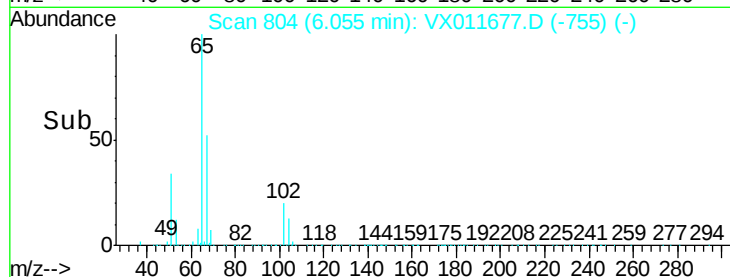
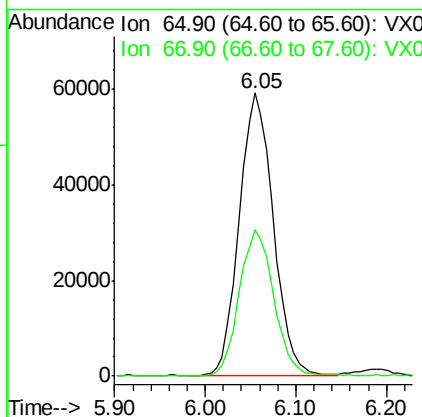
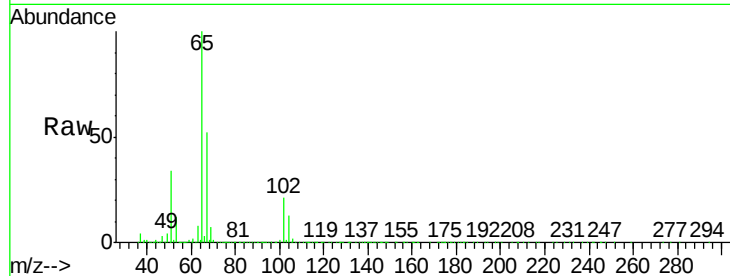
#33
 1,2-Dichloroethane-d4
 Concen: 52.242 ug/l
 RT: 6.05 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VX011677.D
 Acq: 20 Aug 2019 12:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0820MBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	154720		
67	51.8	0.0	107.6	

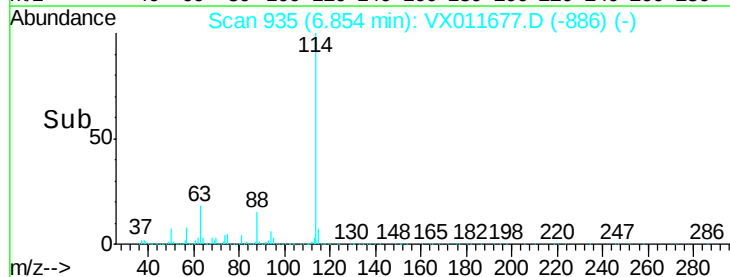
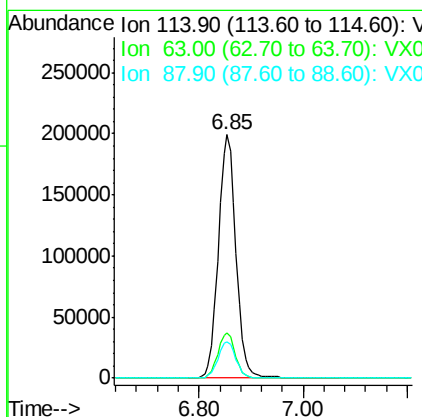
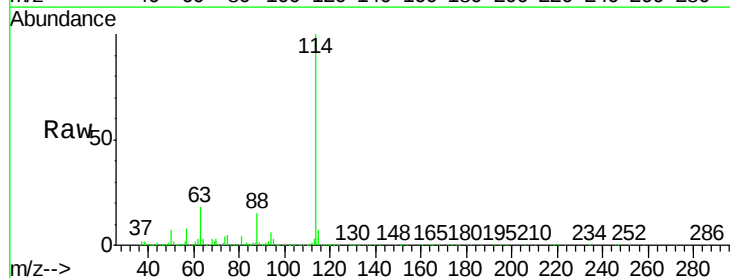
Manual Integrations
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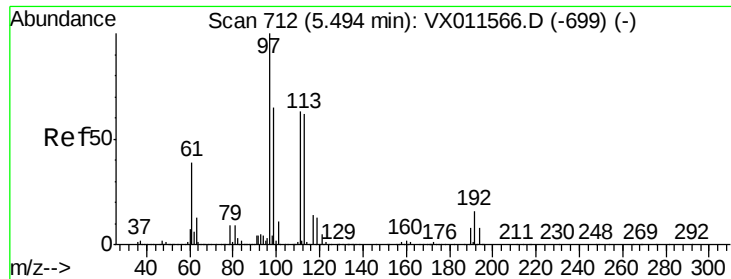
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.00 min
 Lab File: VX011677.D
 Acq: 20 Aug 2019 12:17

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	471455		
63	18.3	0.0	37.8	
88	14.8	0.0	30.2	





#35

Dibromofluoromethane

Concen: 45.583 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX011677.D

Acq: 20 Aug 2019 12:17

Instrument :

MSVOA_X

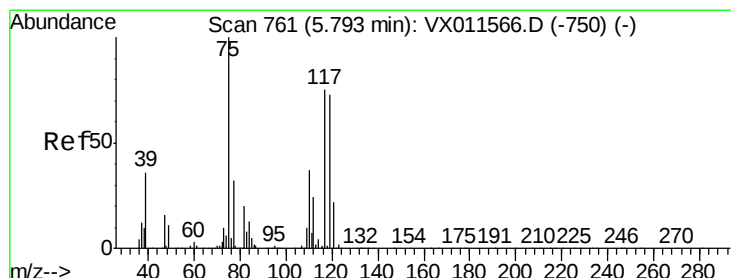
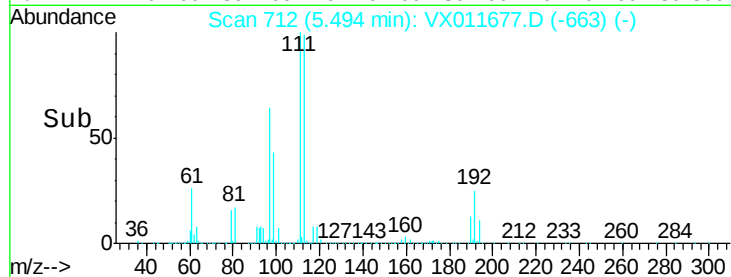
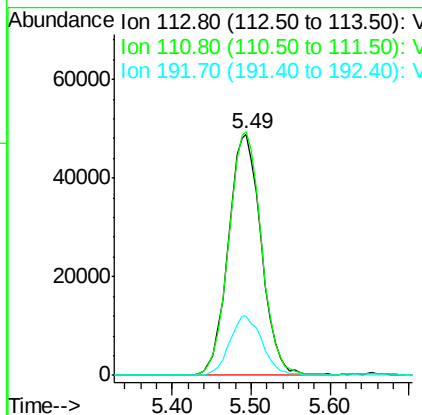
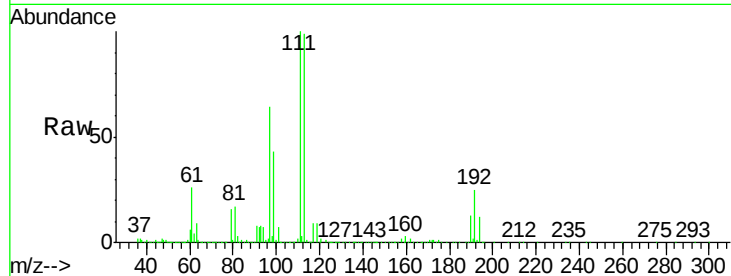
ClientSampleId :

VX0820MBS01

Tot Ion:	113	Resp:	140559
Ion Ratio	Lower	Upper	
113	100		
111	101.2	81.1	121.7
192	24.7	20.8	31.2

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 20.406 ug/l

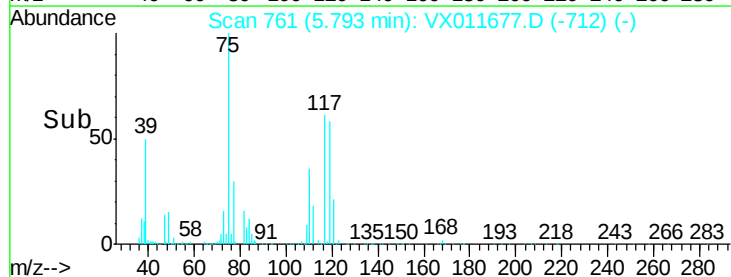
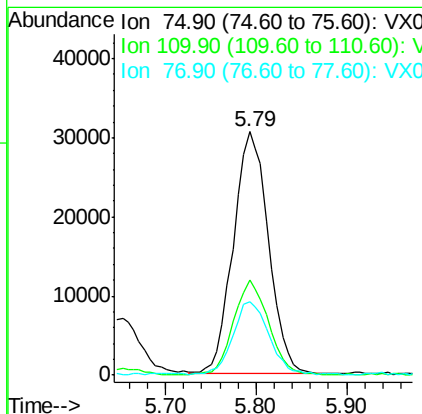
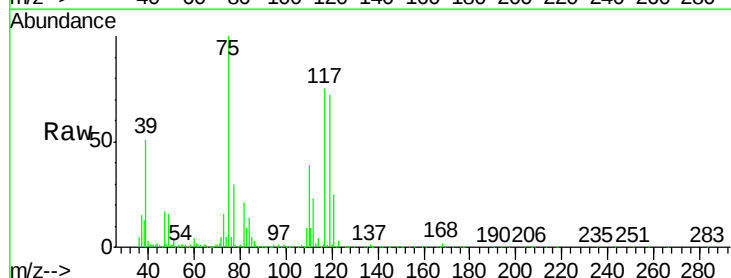
RT: 5.79 min Scan# 761

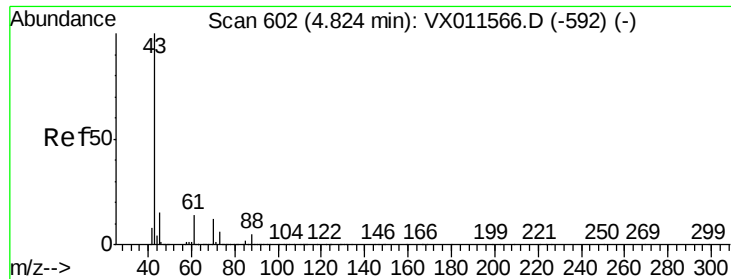
Delta R.T. -0.00 min

Lab File: VX011677.D

Acq: 20 Aug 2019 12:17

Tgt Ion:	75	Resp:	82253
Ion Ratio	Lower	Upper	
75	100		
110	38.6	19.4	58.1
77	30.8	25.1	37.7





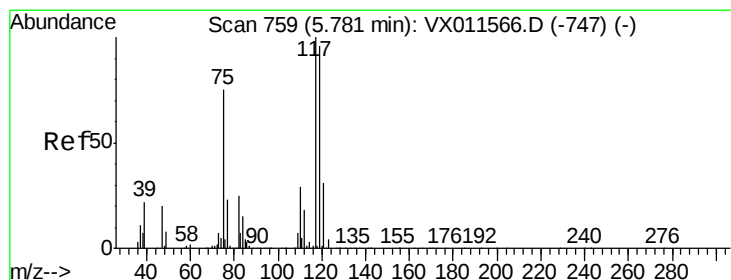
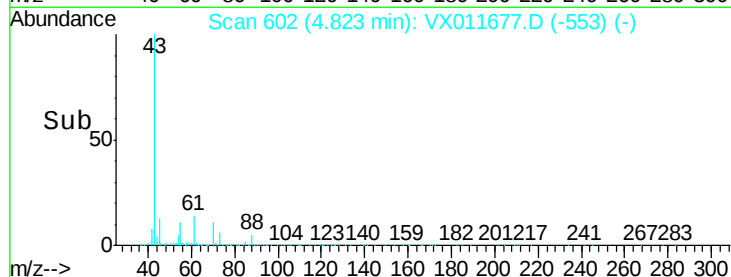
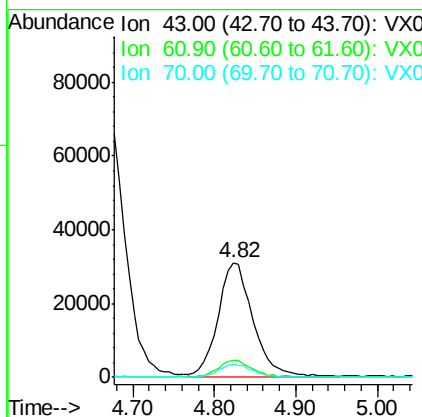
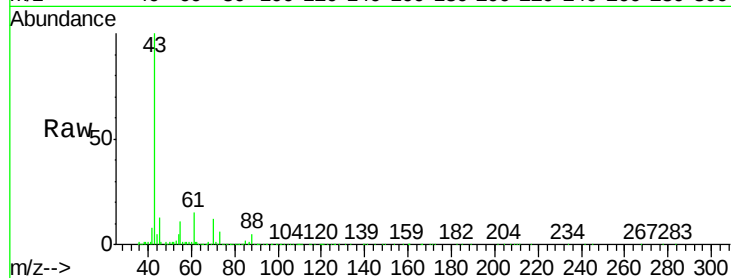
#37
Ethyl Acetate
Concen: 19.573 ug/l
RT: 4.82 min Scan# 602
Delta R.T. -0.00 min
Lab File: VX011677.D
Acq: 20 Aug 2019 12:17

Instrument :
MSVOA_X
ClientSampleId :
VX0820MBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.9	11.4	17.0
70	10.6	9.0	13.6

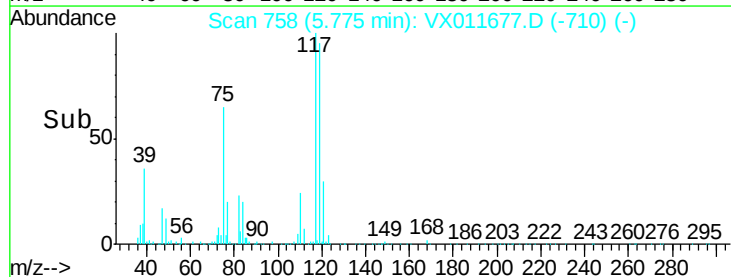
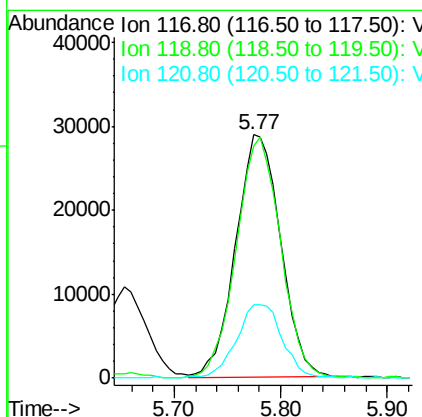
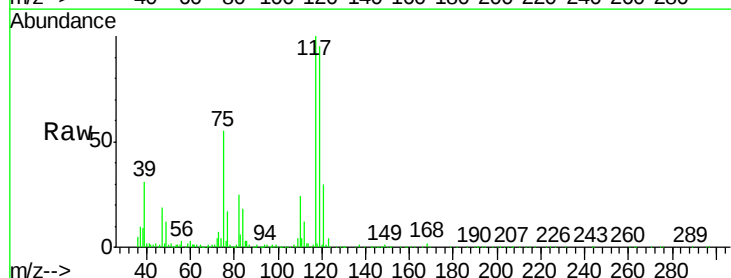
Manual Integrations
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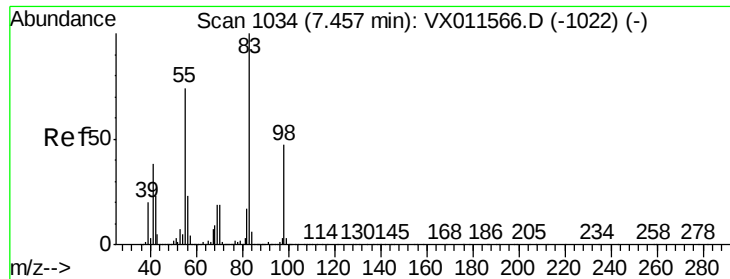
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#38
Carbon Tetrachloride
Concen: 19.248 ug/l
RT: 5.77 min Scan# 758
Delta R.T. -0.01 min
Lab File: VX011677.D
Acq: 20 Aug 2019 12:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.2	76.9	115.3
121	30.0	24.8	37.2





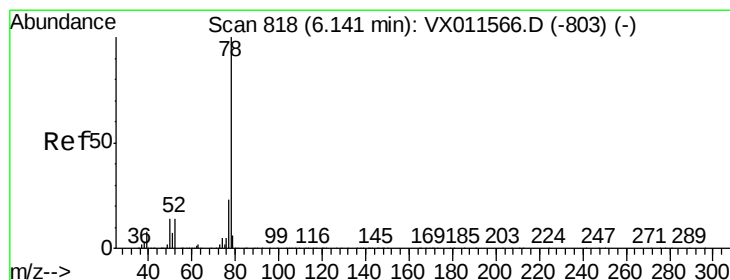
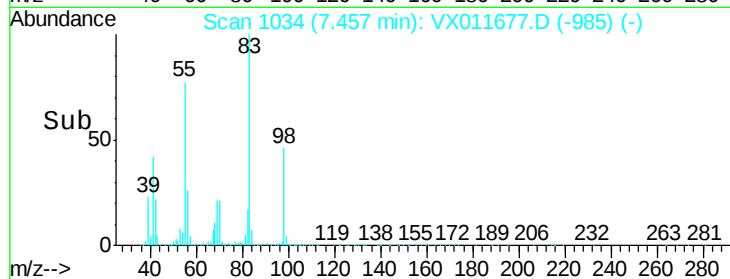
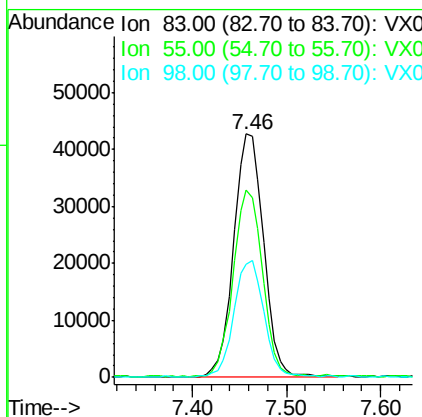
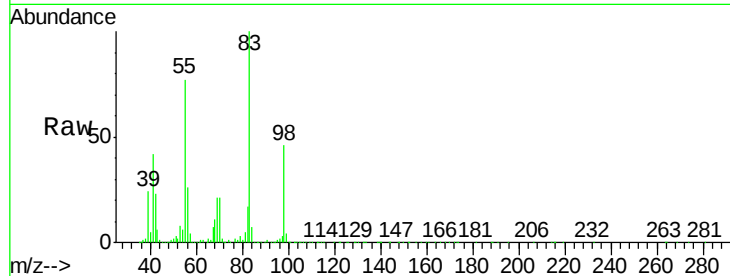
#39
Methvlcvclohexane
Concen: 19.024 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX011677.D
Acq: 20 Aug 2019 12:17

Instrument :
MSVOA_X
ClientSampleId :
VX0820MBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.9	58.8	88.2
98	46.0	37.8	56.6

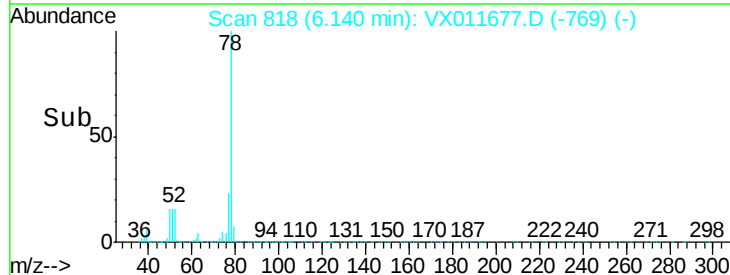
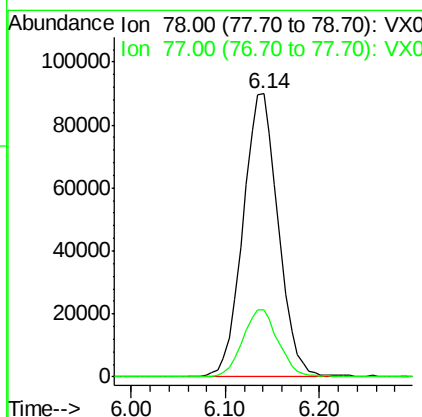
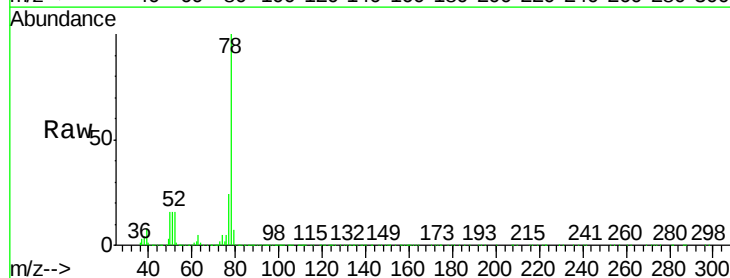
Manual Integrations
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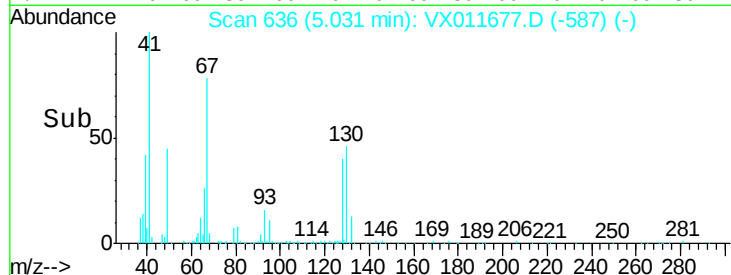
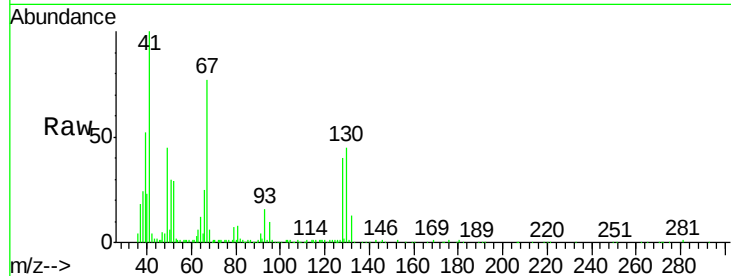
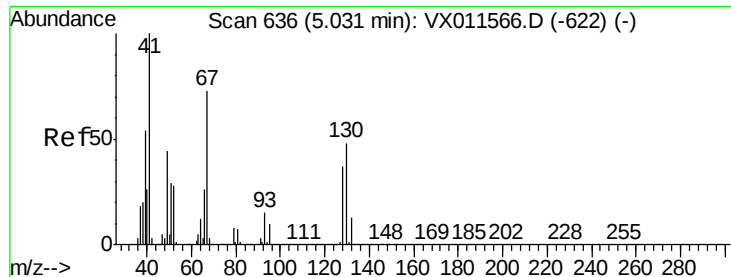
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#40
Benzene
Concen: 18.753 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX011677.D
Acq: 20 Aug 2019 12:17

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.6	28.0





#41

Methacrylonitrile

Concen: 20.124 ug/l

RT: 5.03 min Scan# 636

Delta R.T. -0.00 min

Lab File: VX011677.D

Acq: 20 Aug 2019 12:17

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		51351		
39	54.2	43.5	65.3		
67	73.6	59.4	89.2		
52	31.6	23.4	35.2		

Instrument :

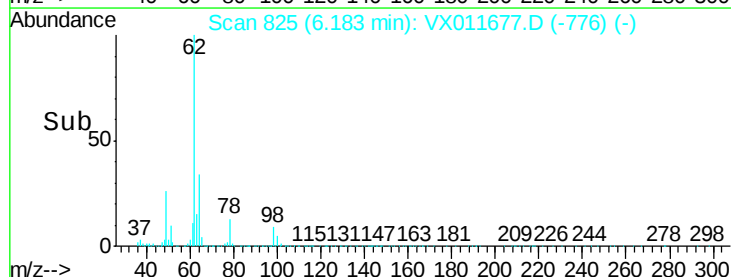
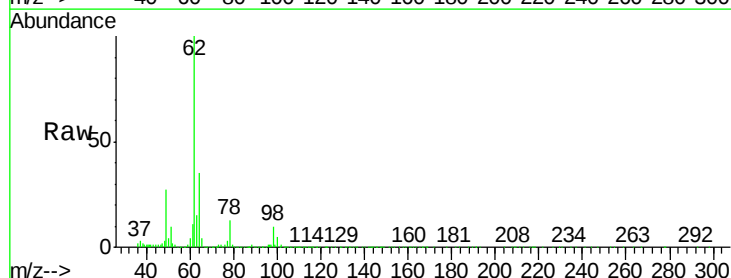
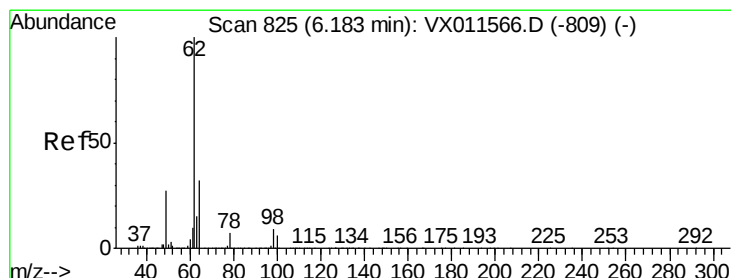
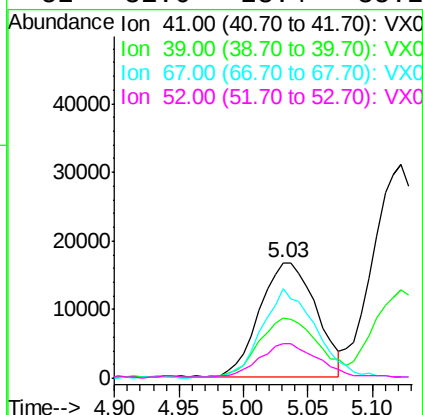
MSVOA_X

ClientSampleId :

VX0820MBS01

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#42

1,2-Dichloroethane

Concen: 21.276 ug/l

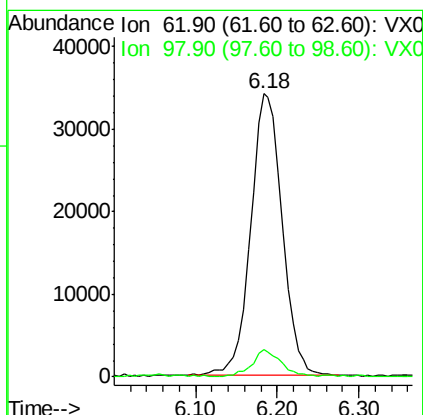
RT: 6.18 min Scan# 825

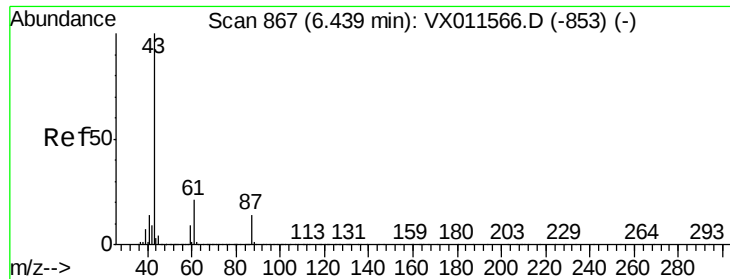
Delta R.T. -0.00 min

Lab File: VX011677.D

Acq: 20 Aug 2019 12:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		92336		
98	8.4	0.0	19.4		





#43

Isopropyl Acetate

Concen: 19.258 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.00 min

Lab File: VX011677.D

Acq: 20 Aug 2019 12:17

Instrument :

MSVOA_X

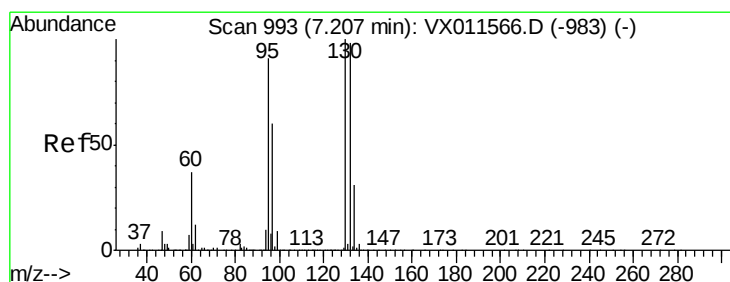
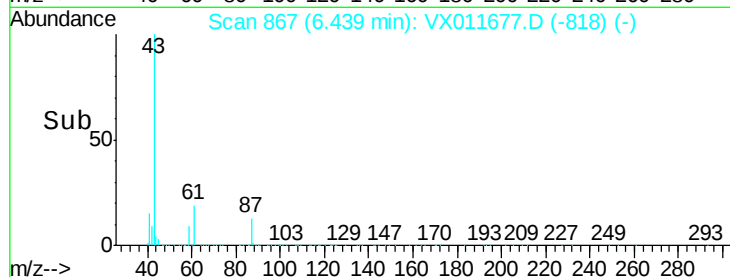
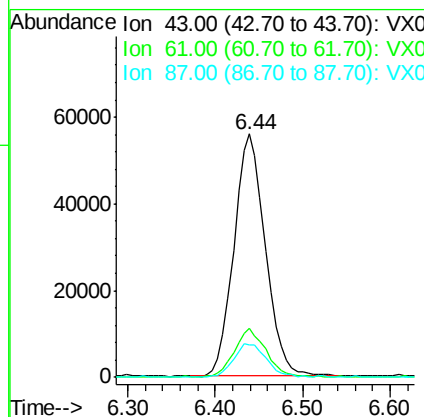
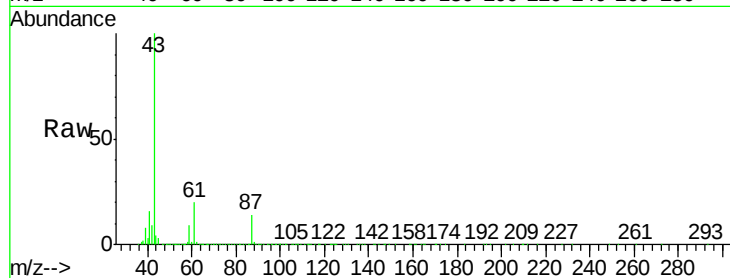
ClientSampleId :

VX0820MBS01

Tot Ion:	43	Resp:	139338
Ion	Ratio	Lower	Upper
43	100		
61	19.7	16.6	24.8
87	14.6	11.4	17.2

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#44

Trichloroethene

Concen: 20.164 ug/l

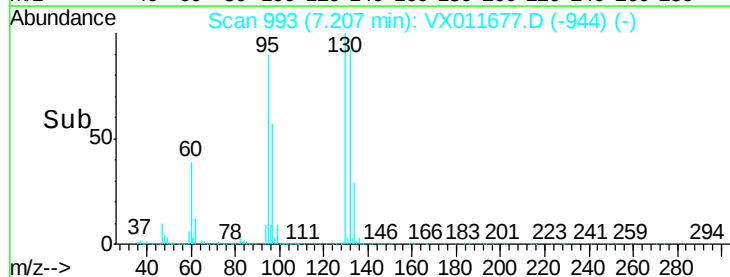
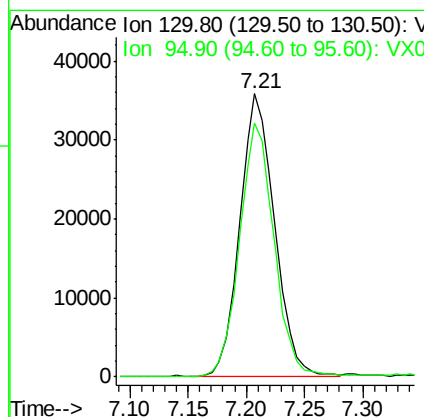
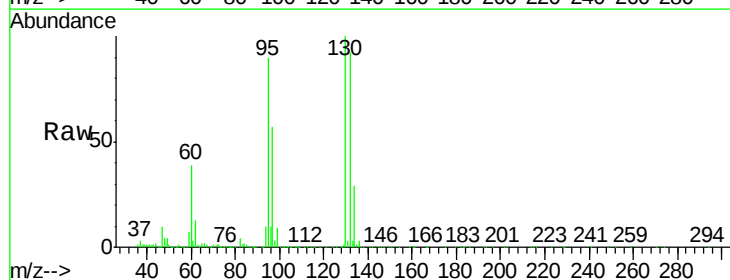
RT: 7.21 min Scan# 993

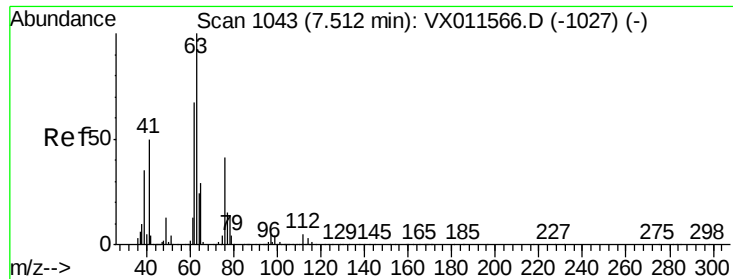
Delta R.T. -0.00 min

Lab File: VX011677.D

Acq: 20 Aug 2019 12:17

Tgt Ion:	130	Resp:	74929
Ion	Ratio	Lower	Upper
130	100		
95	89.6	0.0	181.4





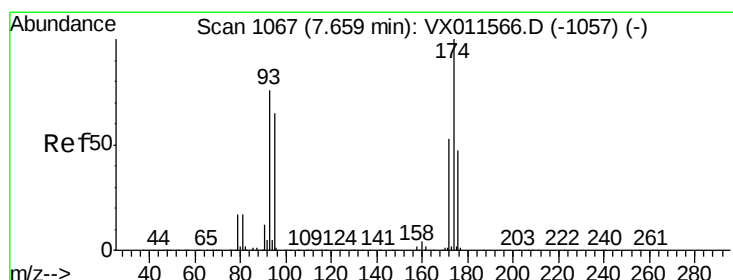
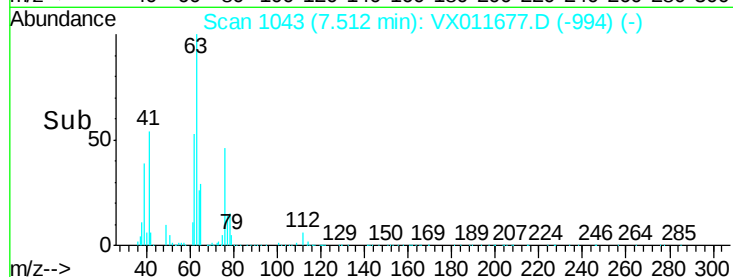
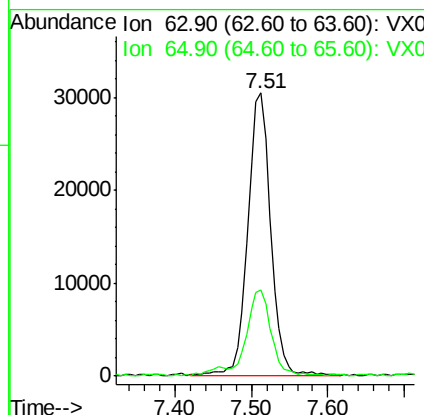
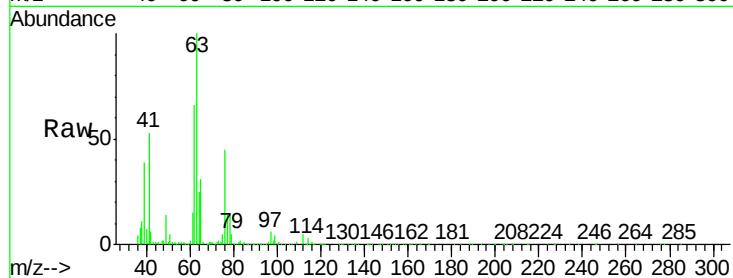
#45
 1,2-Dichloropropane
 Concen: 20.508 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX011677.D
 Acq: 20 Aug 2019 12:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0820MBS01

Tot Ion	Ratio	Resp	Lower	Upper
63	100	64065		
65	30.1		23.4	35.2

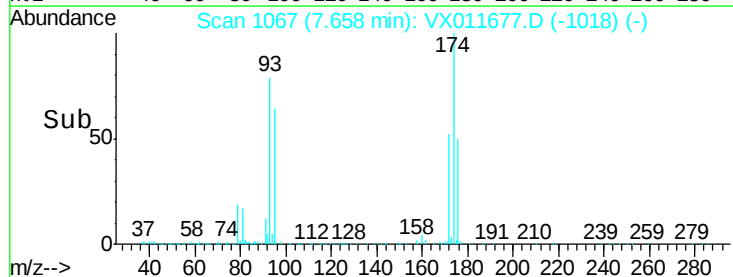
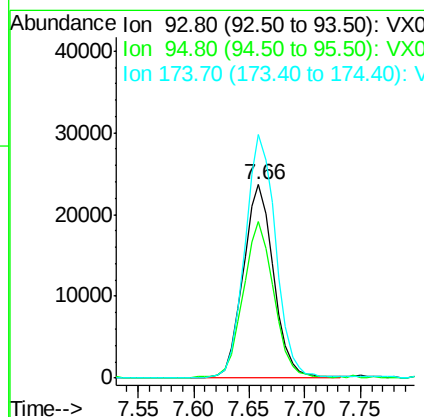
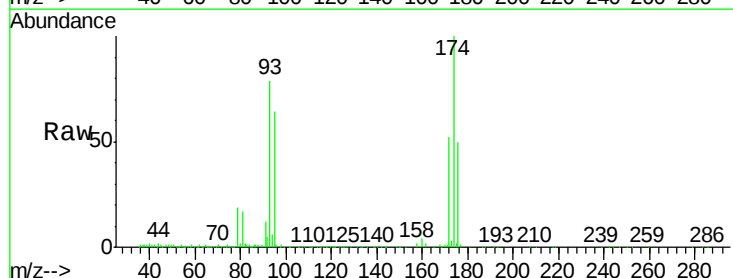
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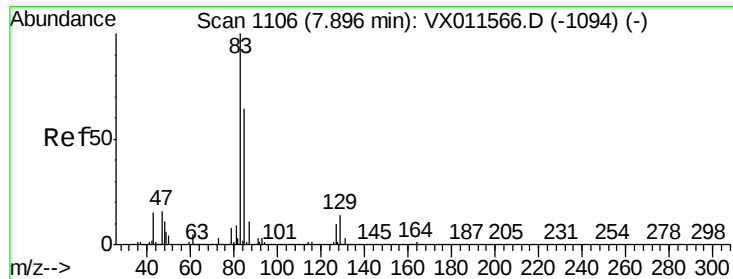
MMDadoda
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#46
 Dibromomethane
 Concen: 19.889 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX011677.D
 Acq: 20 Aug 2019 12:17

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	45151		
95	81.7		67.2	100.8
174	127.2		105.5	158.3





#47

Bromodichloromethane

Concen: 18.790 ug/l

RT: 7.89 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VX011677.D

Acq: 20 Aug 2019 12:17

Instrument :

MSVOA_X

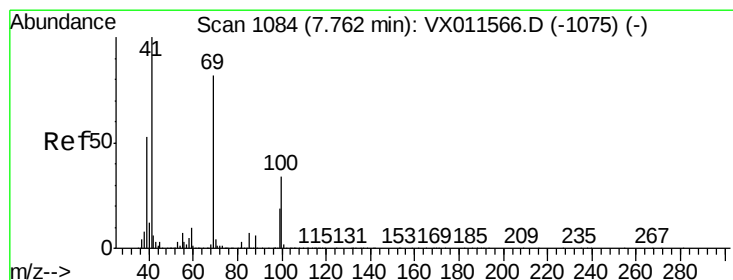
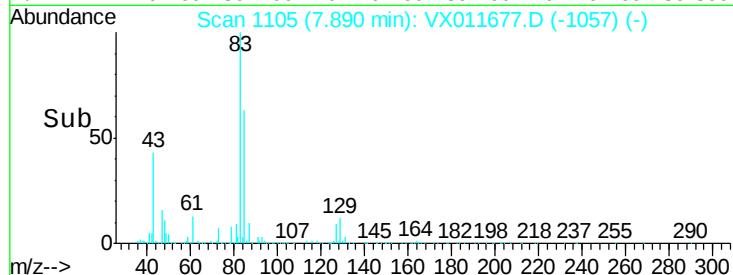
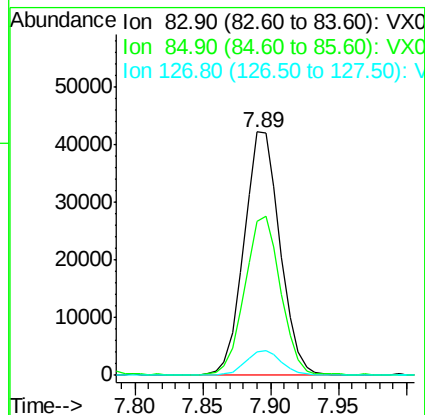
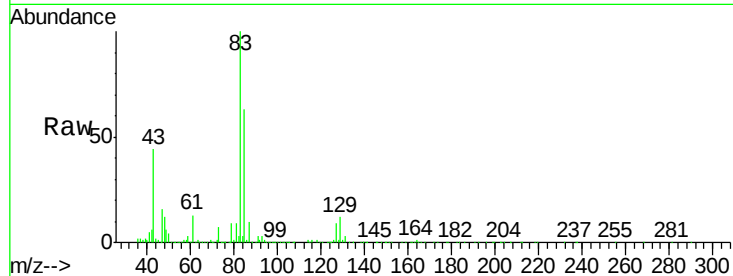
ClientSampleId :

VX0820MBS01

Tot Ion:	83	Resp:	78323
Ion Ratio	Lower	Upper	
83	100		
85	63.0	51.2	76.8
127	9.4	8.1	12.1

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#48

Methyl methacrylate

Concen: 19.906 ug/l

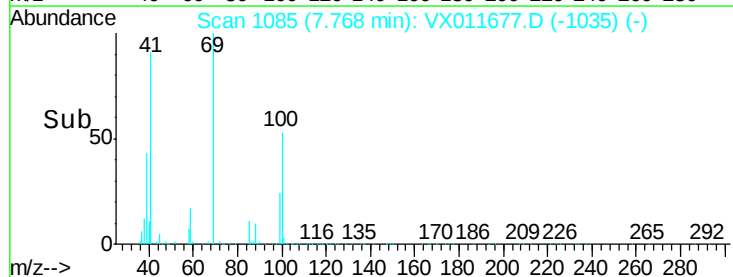
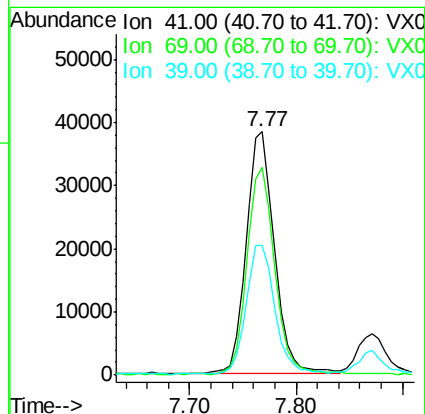
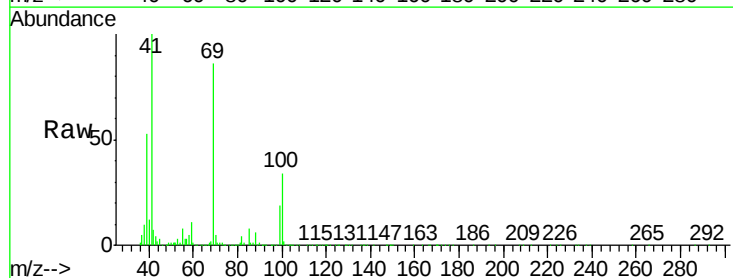
RT: 7.77 min Scan# 1085

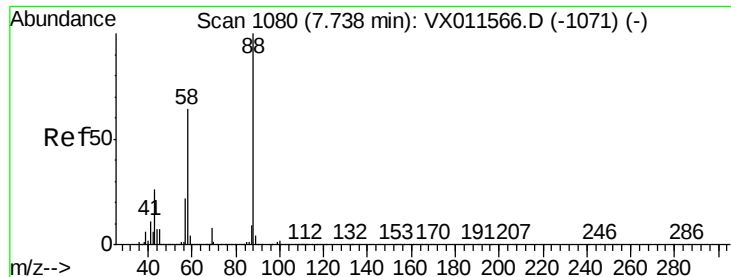
Delta R.T. 0.01 min

Lab File: VX011677.D

Acq: 20 Aug 2019 12:17

Tgt Ion:	41	Resp:	71324
Ion Ratio	Lower	Upper	
41	100		
69	84.8	67.9	101.9
39	54.9	41.6	62.4





#49

1,4-Dioxane

Concen: 395.363 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.00 min

Lab File: VX011677.D

Acq: 20 Aug 2019 12:17

Instrument :

MSVOA_X

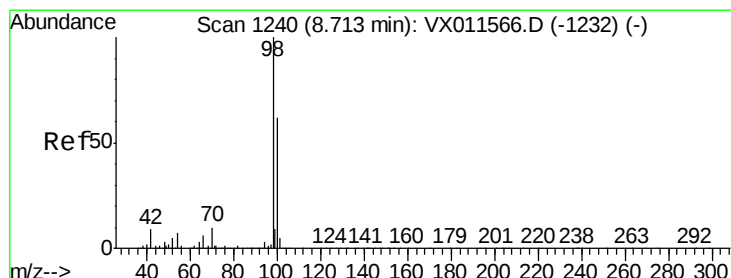
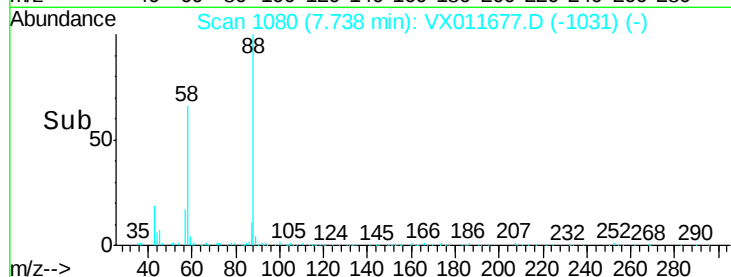
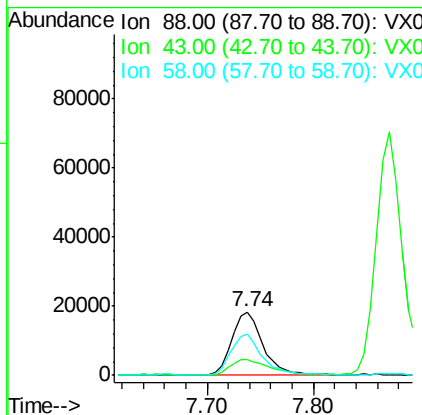
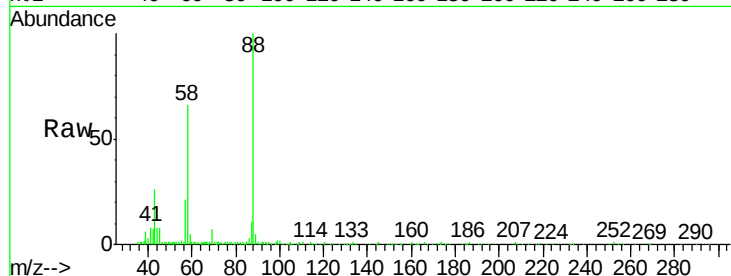
ClientSampleId :

VX0820MBS01

Tot Ion:	88	Resp:	37679
Ion	Ratio	Lower	Upper
88	100		
43	29.2	23.4	35.0
58	65.2	54.3	81.5

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#50

Toluene-d8

Concen: 48.081 ug/l

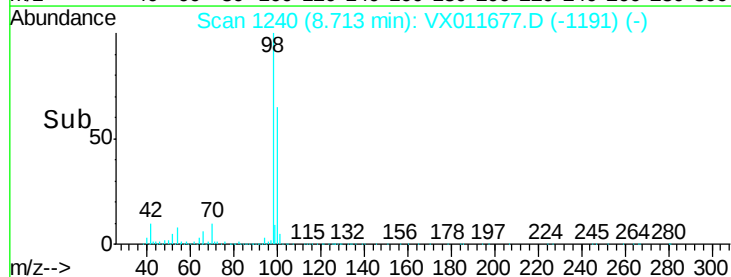
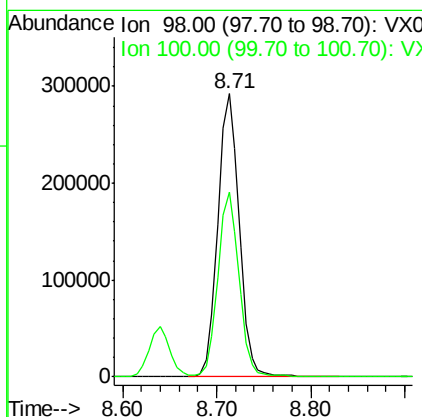
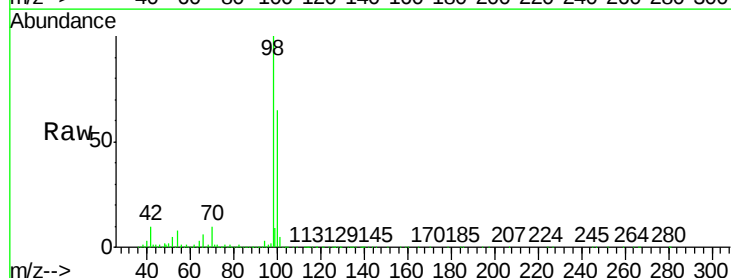
RT: 8.71 min Scan# 1240

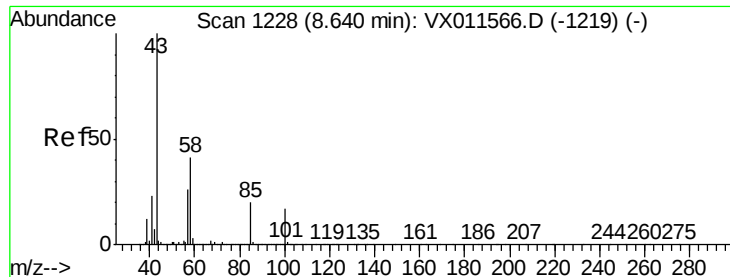
Delta R.T. -0.00 min

Lab File: VX011677.D

Acq: 20 Aug 2019 12:17

Tgt Ion:	98	Resp:	461969
Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.4	78.6





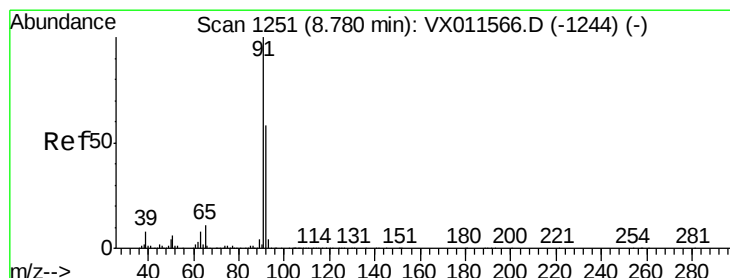
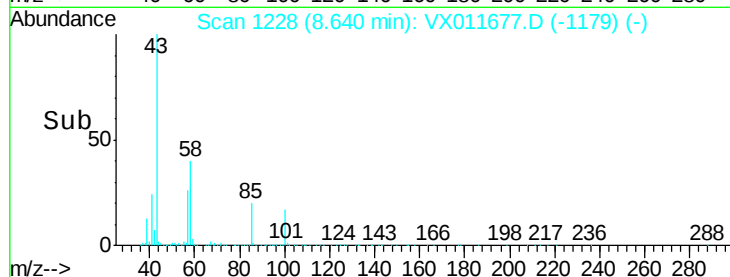
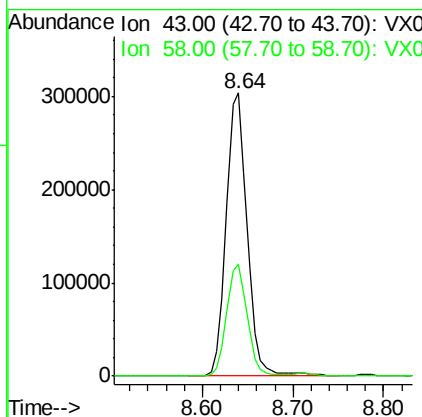
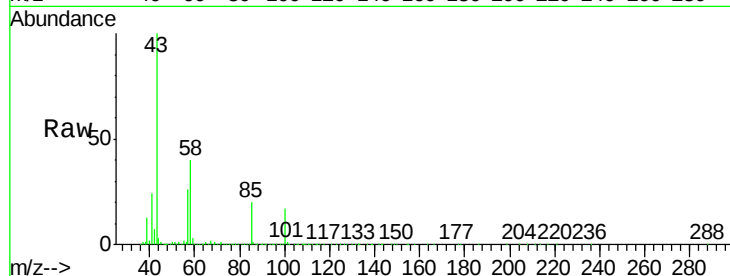
#51
4-Methyl-2-Pentanone
Concen: 102.806 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX011677.D
Acq: 20 Aug 2019 12:17

Instrument :
MSVOA_X
ClientSampleId :
VX0820MBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.2	31.8	47.6

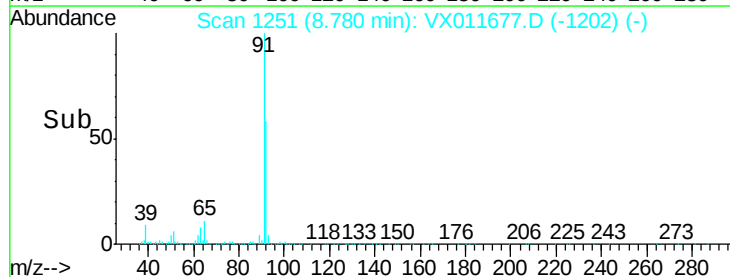
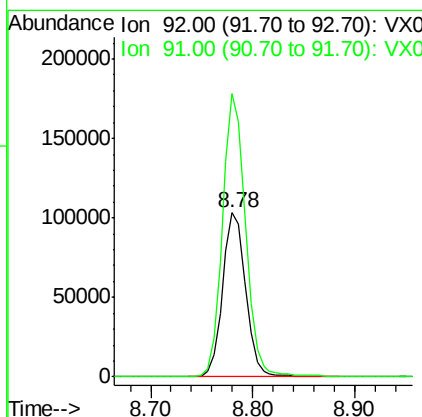
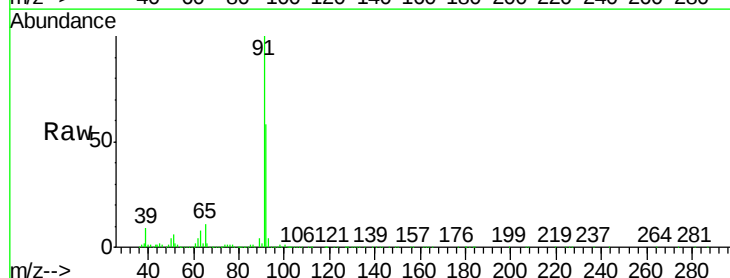
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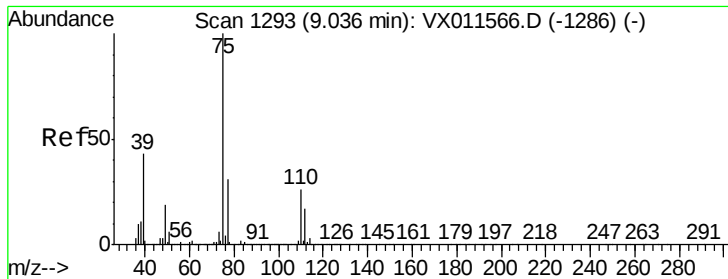
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#52
Toluene
Concen: 20.421 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.00 min
Lab File: VX011677.D
Acq: 20 Aug 2019 12:17

Tgt Ion	Ratio	Lower	Upper
92	100		
91	171.5	138.0	207.0





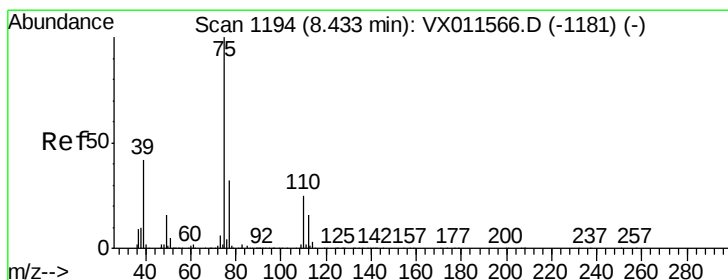
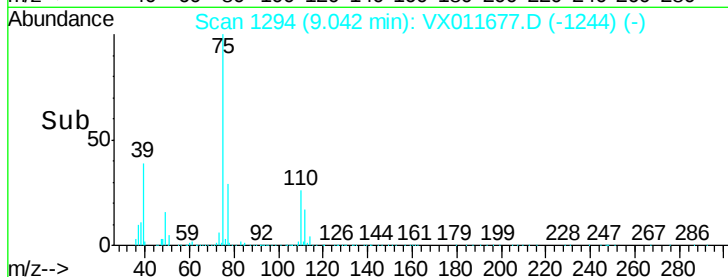
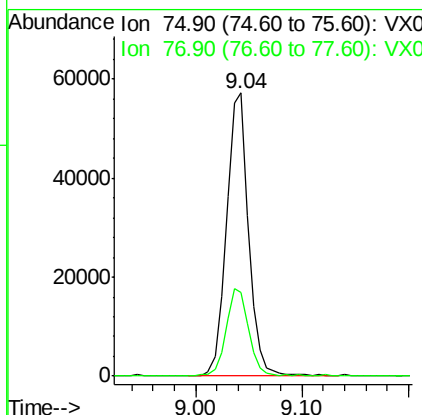
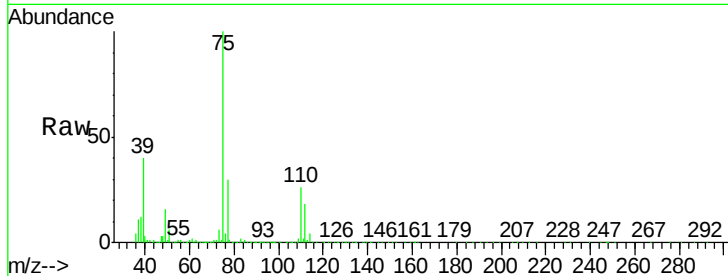
#53
t-1,3-Dichloropropene
Concen: 19.113 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.01 min
Lab File: VX011677.D
Acq: 20 Aug 2019 12:17

Instrument :
MSVOA_X
ClientSampleId :
VX0820MBS01

Tot Ion	75	77	Ratio	Lower	Upper	Resp
82684	100	29.6		25.1	37.7	

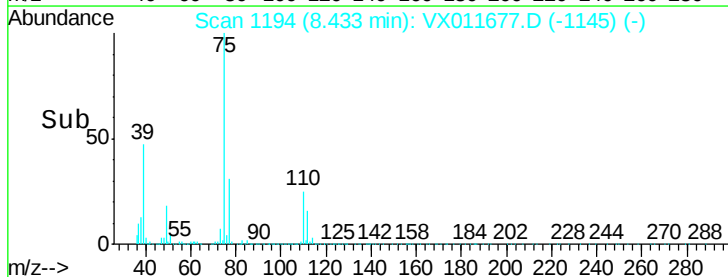
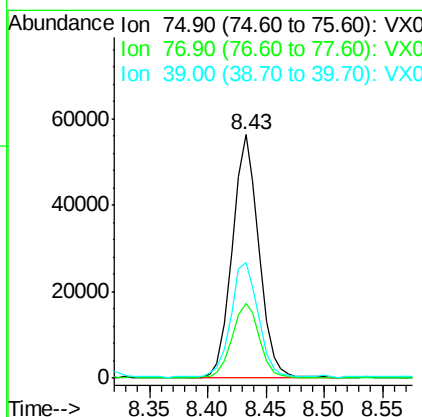
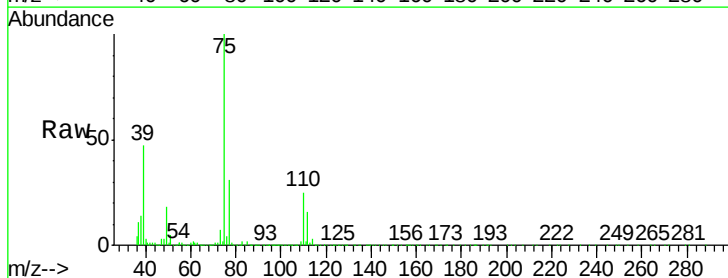
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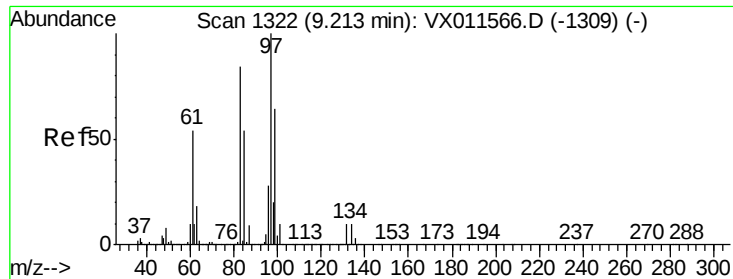
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#54
cis-1,3-Dichloropropene
Concen: 18.836 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX011677.D
Acq: 20 Aug 2019 12:17

Tgt Ion	75	77	39	Ratio	Lower	Upper	Resp
89174	100	30.7	47.2		25.5	38.3	
					33.6	50.4	





#55

1,1,2-Trichloroethane

Concen: 20.688 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX011677.D

Acq: 20 Aug 2019 12:17

Instrument :

MSVOA_X

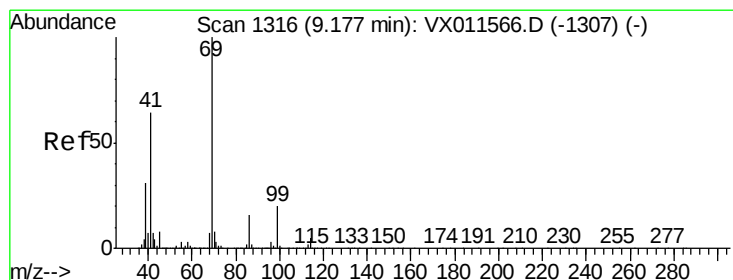
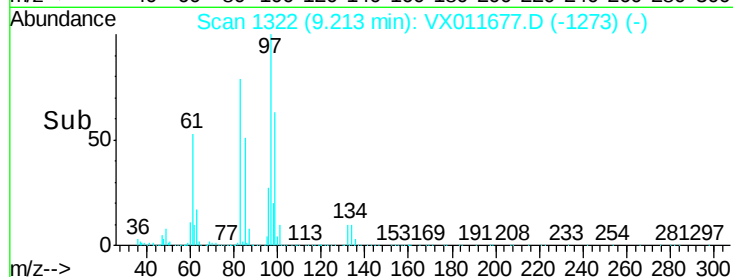
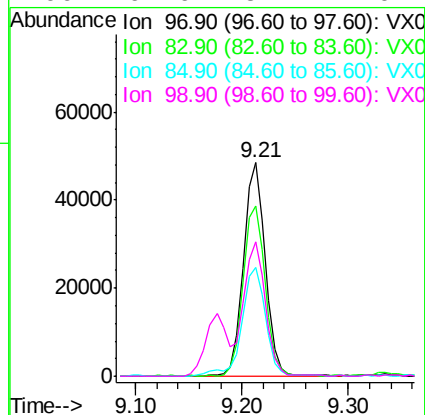
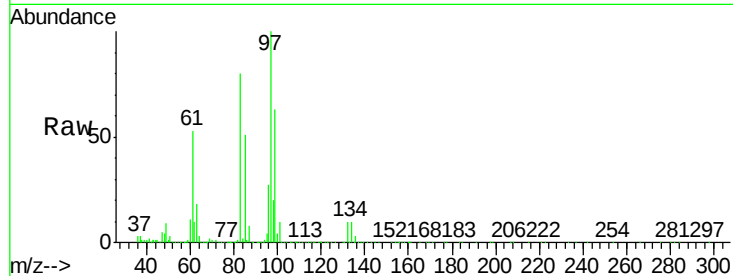
ClientSampleId :

VX0820MBS01

Tot Ion:	97	Resp:	70208
Ion	Ratio	Lower	Upper
97	100		
83	79.3	67.4	101.0
85	50.7	43.4	65.2
99	62.6	51.1	76.7

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#56

Ethyl methacrylate

Concen: 20.423 ug/l

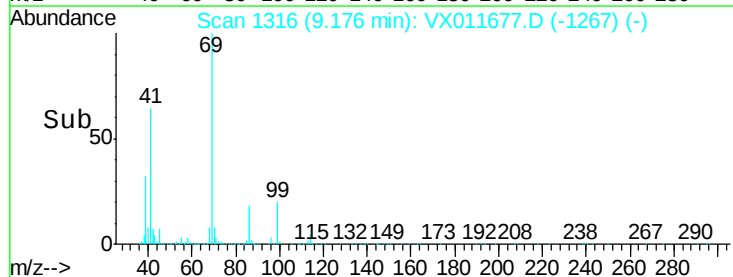
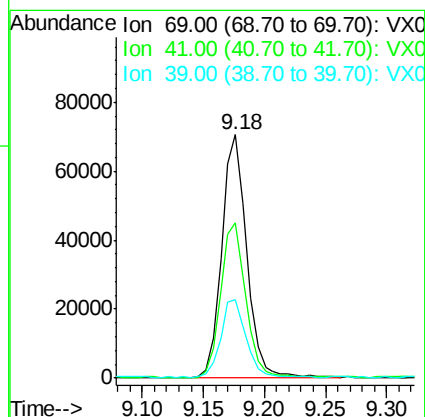
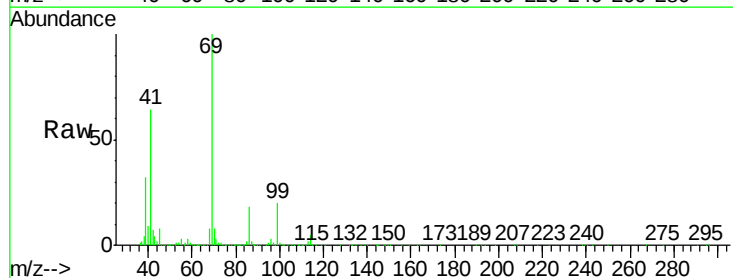
RT: 9.18 min Scan# 1316

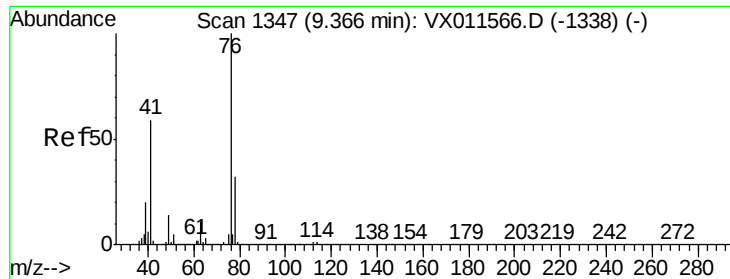
Delta R.T. -0.00 min

Lab File: VX011677.D

Acq: 20 Aug 2019 12:17

Tgt Ion:	69	Resp:	100737
Ion	Ratio	Lower	Upper
69	100		
41	63.8	52.1	78.1
39	32.2	25.4	38.0





#57

1,3-Dichloropropane

Concen: 19.799 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.00 min

Lab File: VX011677.D

Acq: 20 Aug 2019 12:17

Instrument :

MSVOA_X

ClientSampleId :

VX0820MBS01

Tot Ion: 76 Resp: 106805

Ion Ratio Lower Upper

76 100

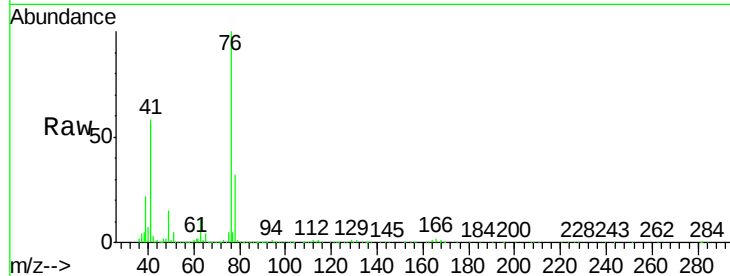
78 32.3 26.2 39.4

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

80000

60000

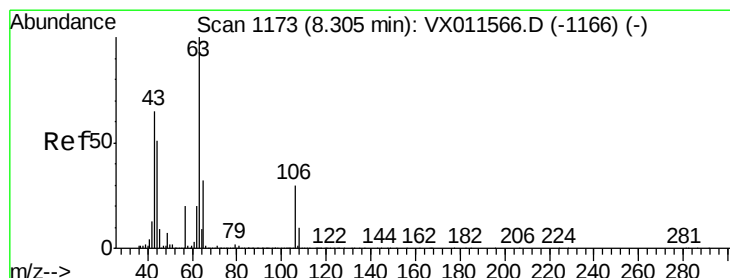
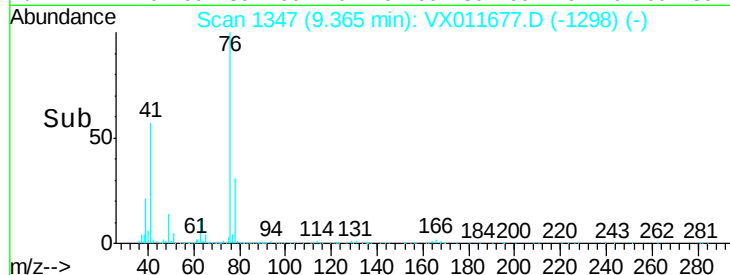
40000

20000

0

9.30 9.35 9.40 9.45

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 96.994 ug/l

RT: 8.30 min Scan# 1173

Delta R.T. -0.00 min

Lab File: VX011677.D

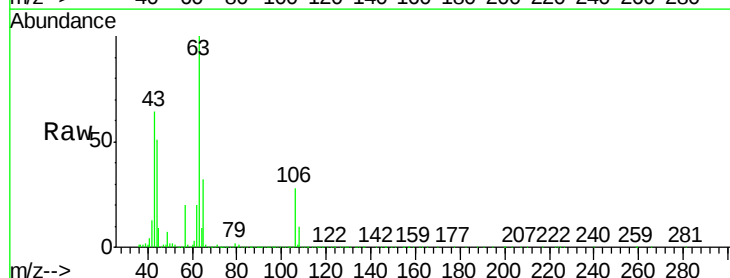
Acq: 20 Aug 2019 12:17

Tgt Ion: 63 Resp: 238378

Ion Ratio Lower Upper

63 100

106 30.2 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

150000

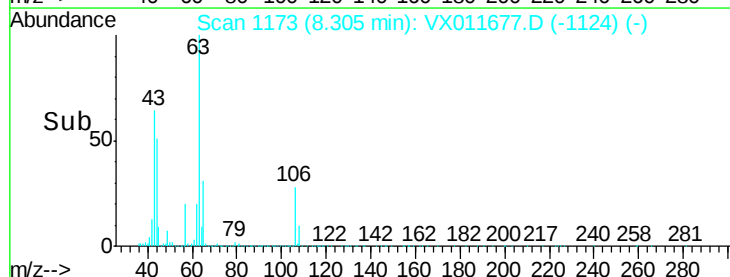
100000

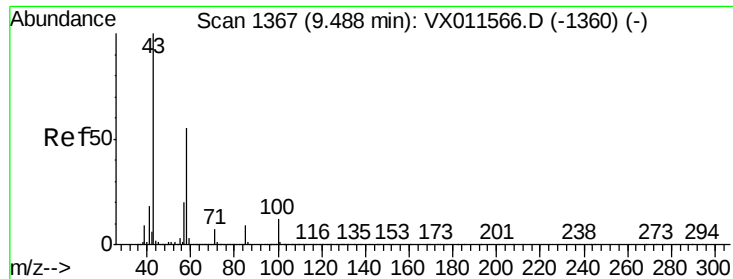
50000

0

8.20 8.30 8.40

Time-->





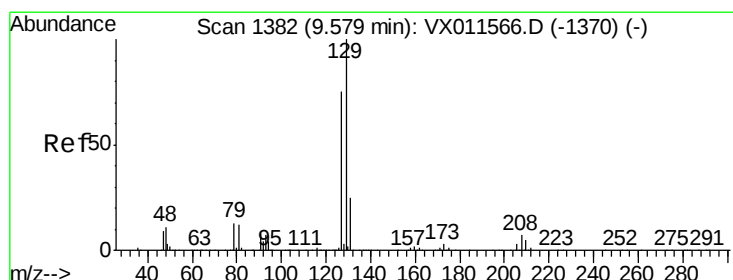
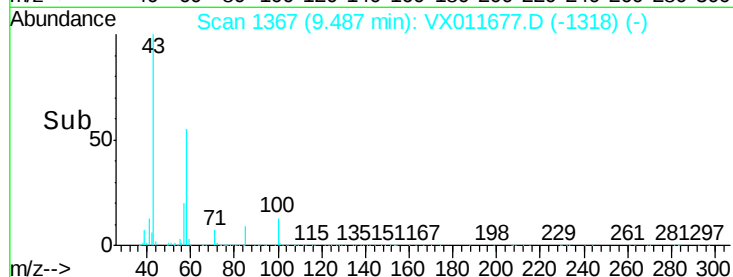
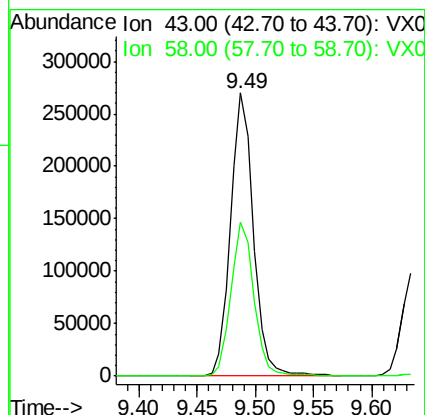
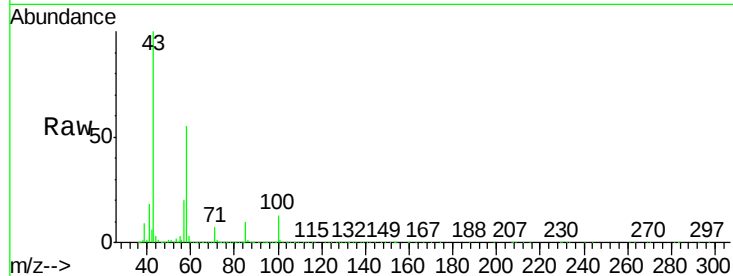
#59
2-Hexanone
Concen: 101.213 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX011677.D
Acq: 20 Aug 2019 12:17

Instrument :
MSVOA_X
ClientSampleId :
VX0820MBS01

Tot Ion: 43 Resp: 369641
Ion Ratio Lower Upper
43 100
58 54.9 27.5 82.4

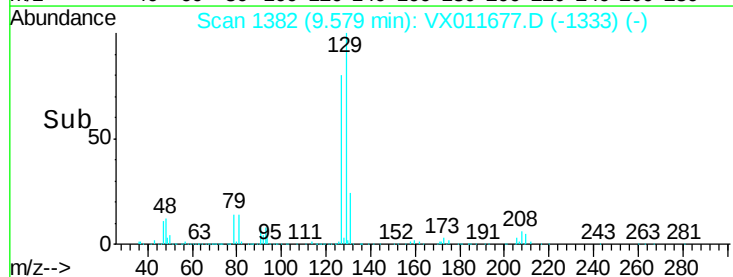
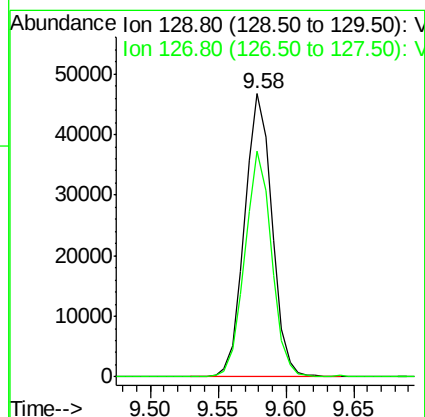
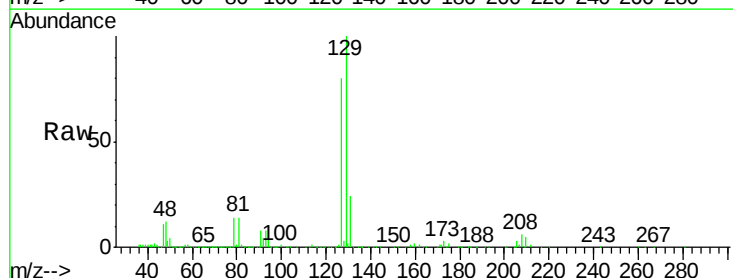
Manual Integrations
APPROVED

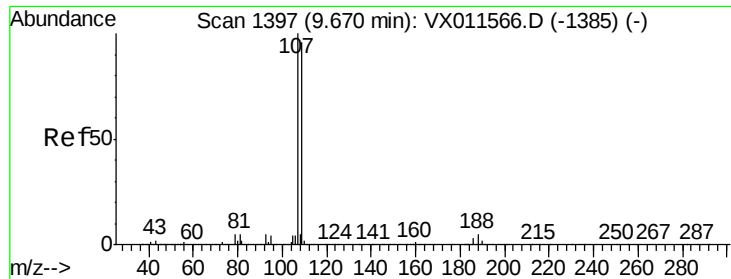
MMDadoda
8/21/2019 8:33:09 AM



#60
Dibromochloromethane
Concen: 18.728 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX011677.D
Acq: 20 Aug 2019 12:17

Tgt Ion: 129 Resp: 66218
Ion Ratio Lower Upper
129 100
127 77.3 38.0 114.1





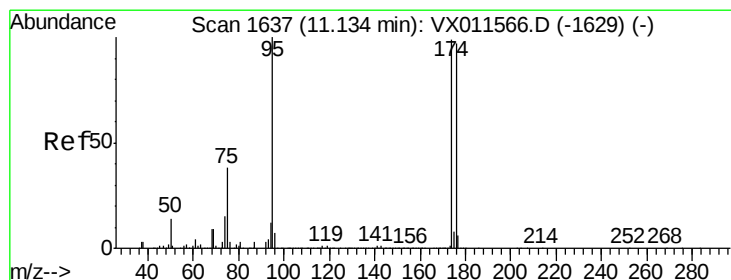
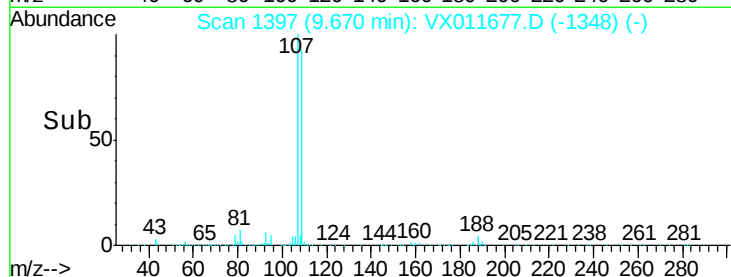
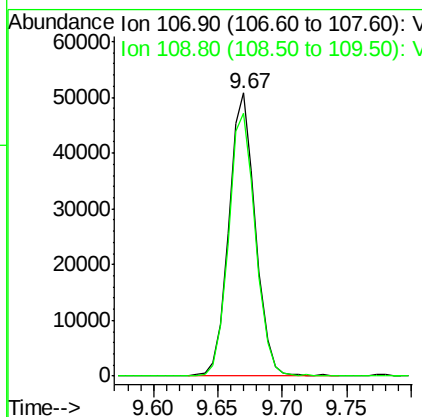
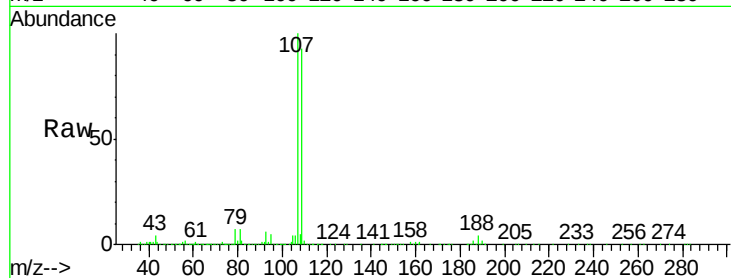
#61
 1,2-Dibromoethane
 Concen: 20.037 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX011677.D
 Acq: 20 Aug 2019 12:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0820MBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.4	76.2	114.2

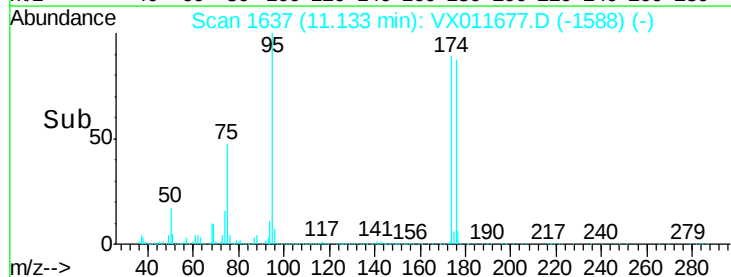
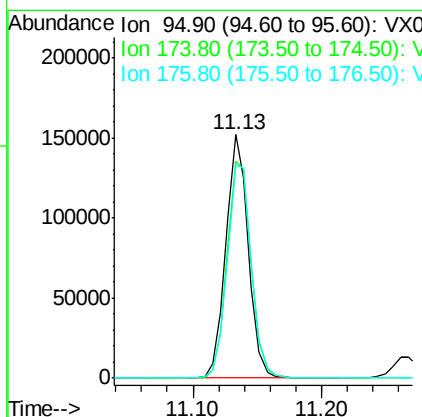
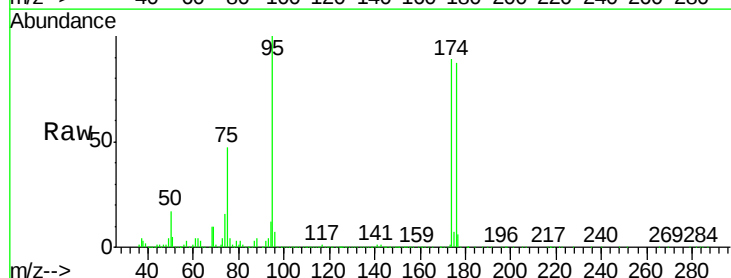
Manual Integrations
 APPROVED

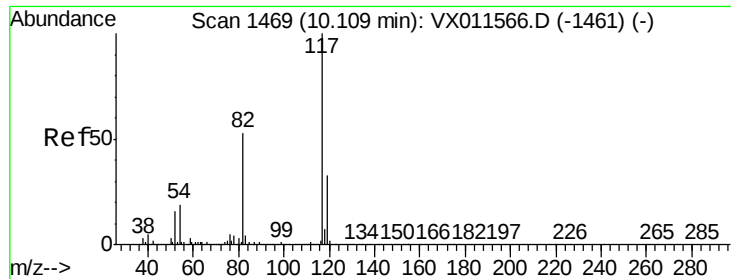
MMDadoda
 8/21/2019 8:33:09 AM



#62
 4-Bromofluorobenzene
 Concen: 45.967 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: VX011677.D
 Acq: 20 Aug 2019 12:17

Tgt Ion	Ratio	Lower	Upper
95	100		
174	96.1	0.0	200.6
176	94.1	0.0	196.6





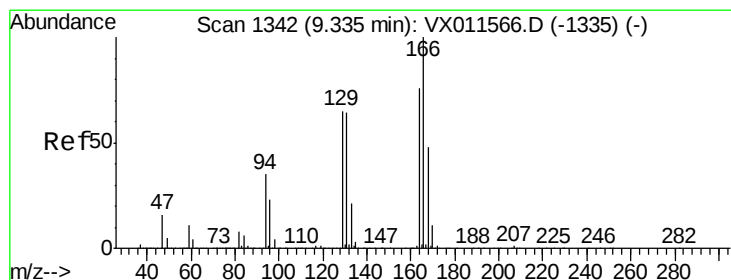
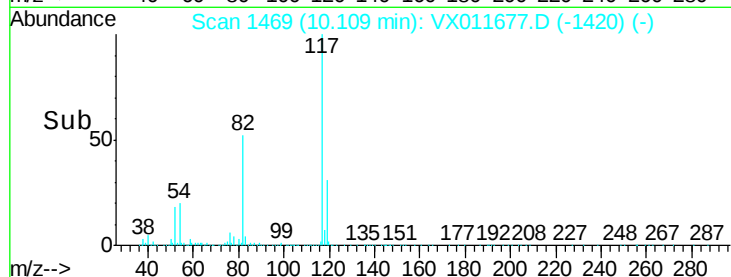
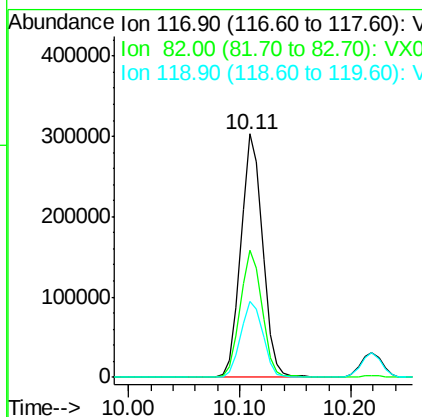
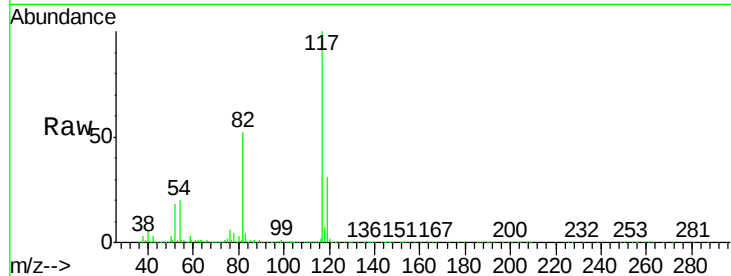
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011677.D
Acq: 20 Aug 2019 12:17

Instrument :
MSVOA_X
ClientSampleId :
VX0820MBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	411235		
82	52.3		42.0	63.0
119	31.2		26.5	39.7

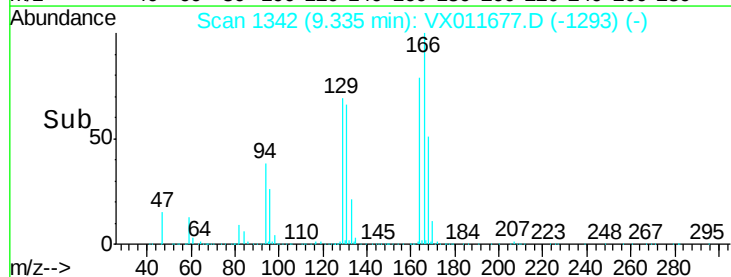
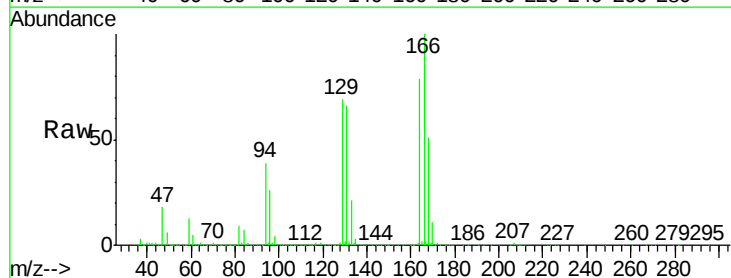
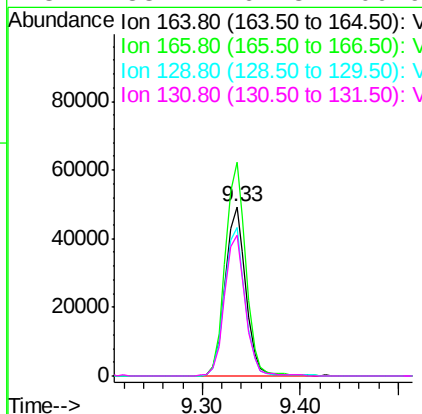
Manual Integrations
APPROVED

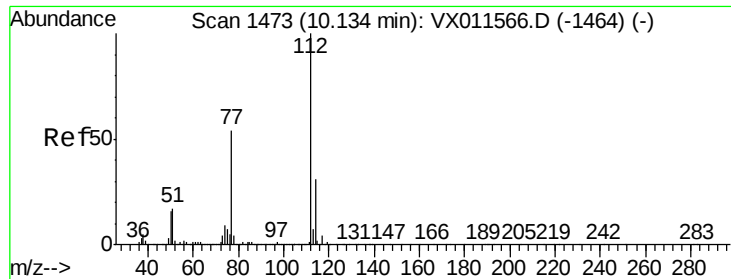
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8/21/2019 8:33:09 AM



#64
Tetrachloroethene
Concen: 21.392 ug/l
RT: 9.33 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX011677.D
Acq: 20 Aug 2019 12:17

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	72180		
166	126.3		104.7	157.1
129	87.6		68.2	102.4
131	83.2		67.3	100.9





#65

Chlorobenzene

Concen: 19.965 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.00 min

Lab File: VX011677.D

Acq: 20 Aug 2019 12:17

Instrument :

MSVOA_X

ClientSampleId :

VX0820MBS01

Tot Ion:112 Resp: 175120

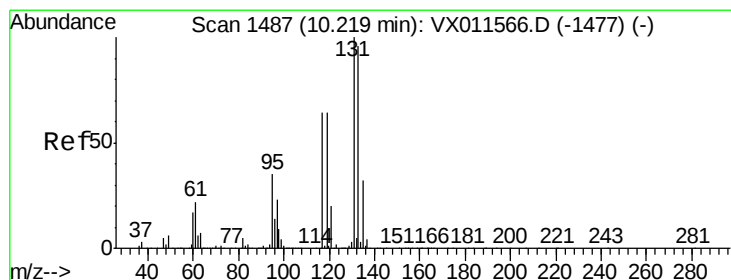
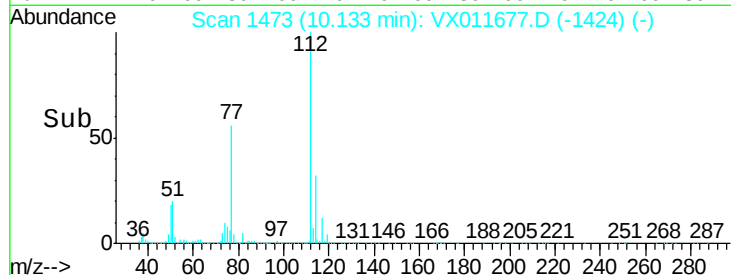
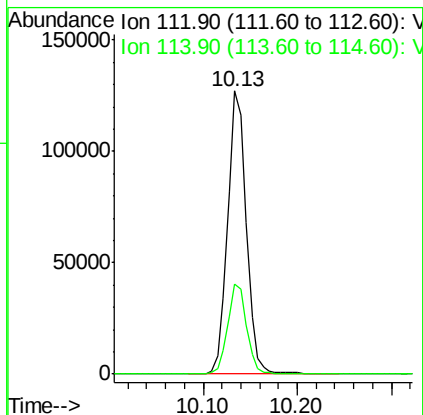
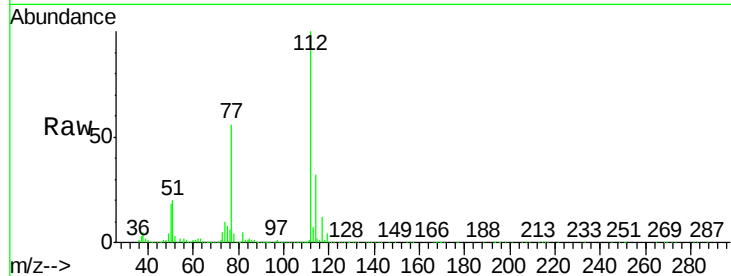
Ion Ratio Lower Upper

112 100

114 31.7 25.0 37.6

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 19.751 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX011677.D

Acq: 20 Aug 2019 12:17

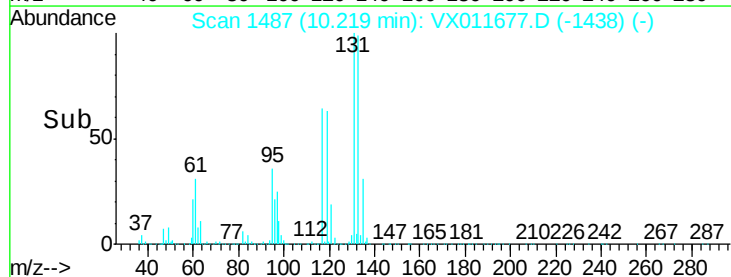
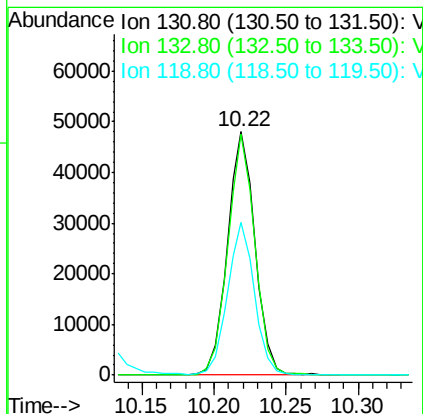
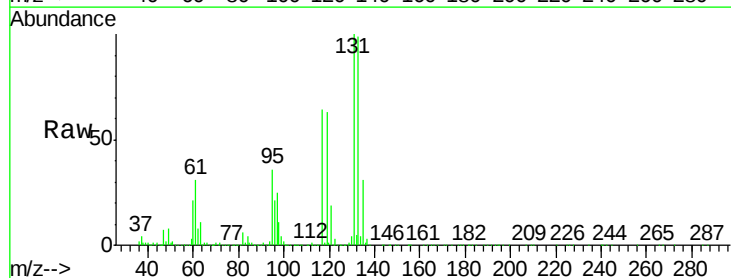
Tgt Ion:131 Resp: 64753

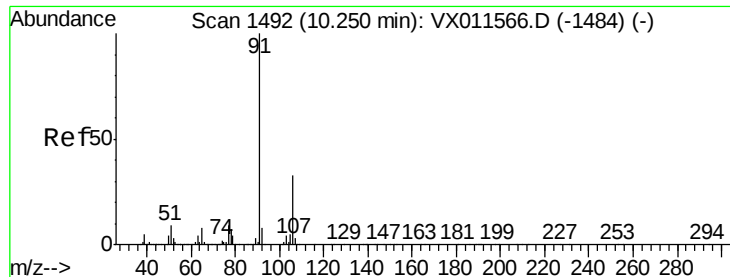
Ion Ratio Lower Upper

131 100

133 97.4 48.1 144.4

119 61.0 31.3 93.8





#67

Ethyl Benzene

Concen: 20.715 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX011677.D

Acq: 20 Aug 2019 12:17

Instrument :

MSVOA_X

ClientSampleId :

VX0820MBS01

Tot Ion: 91 Resp: 303230

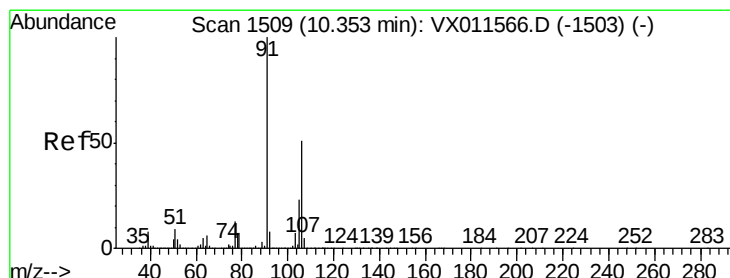
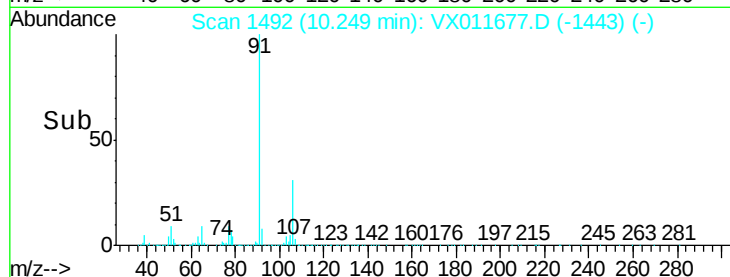
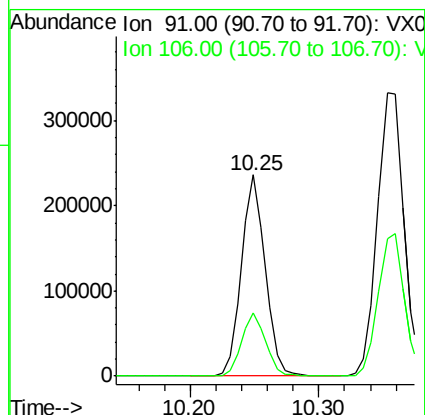
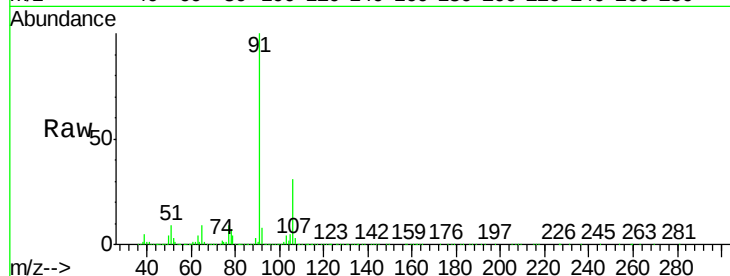
Ion Ratio Lower Upper

91 100

106 31.2 26.0 39.0

Manual Integrations
APPROVED

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#68

m/p-Xylenes

Concen: 41.768 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.01 min

Lab File: VX011677.D

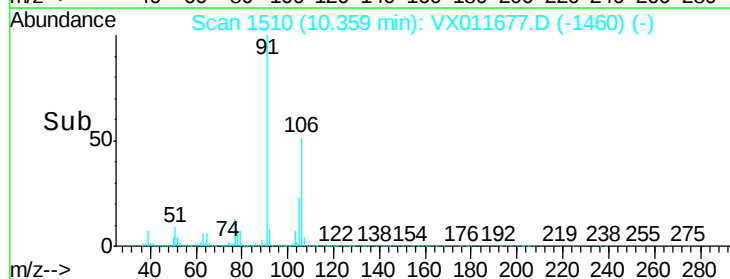
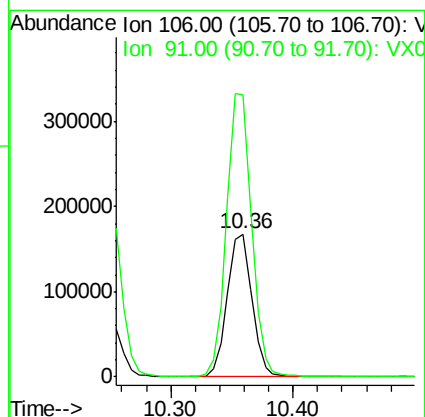
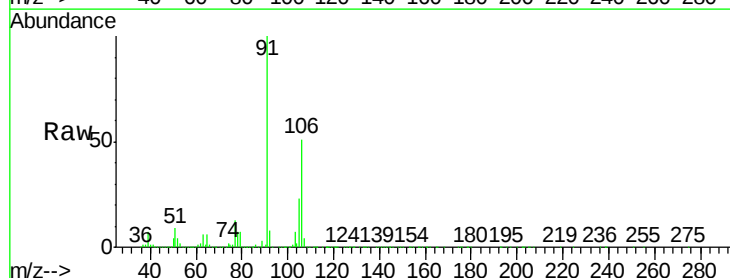
Acq: 20 Aug 2019 12:17

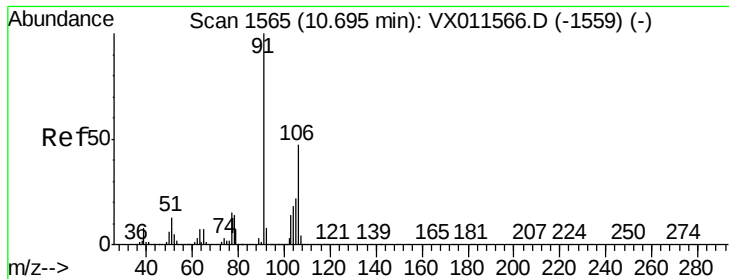
Tgt Ion: 106 Resp: 234693

Ion Ratio Lower Upper

106 100

91 201.0 156.0 234.0





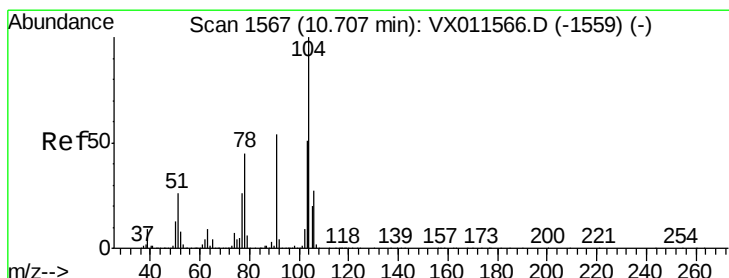
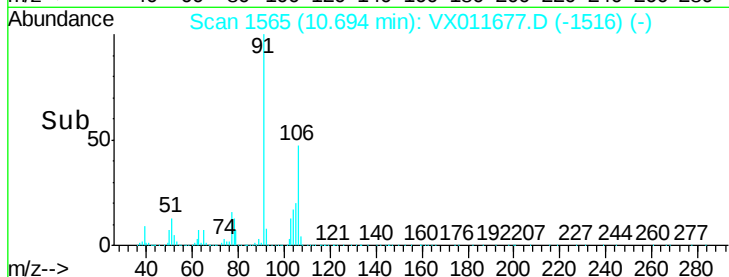
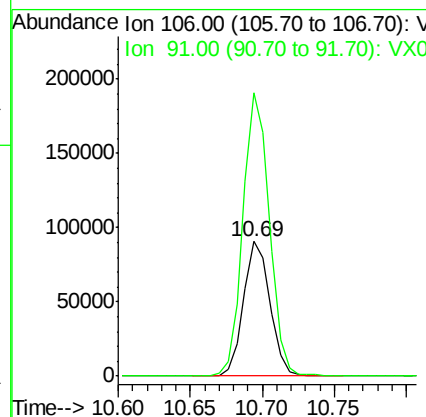
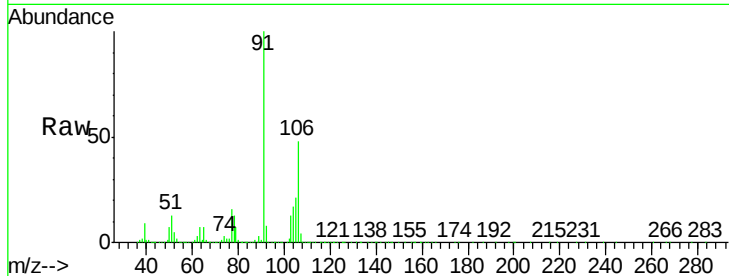
#69
o-Xylene
Concen: 21.124 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX011677.D
Acq: 20 Aug 2019 12:17

Instrument :
MSVOA_X
ClientSampleId :
VX0820MBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		116264		
91	209.3	105.5	316.4		

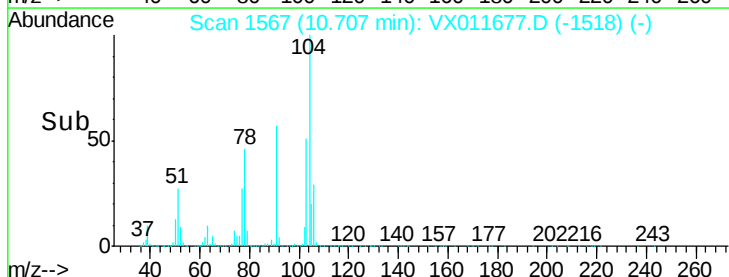
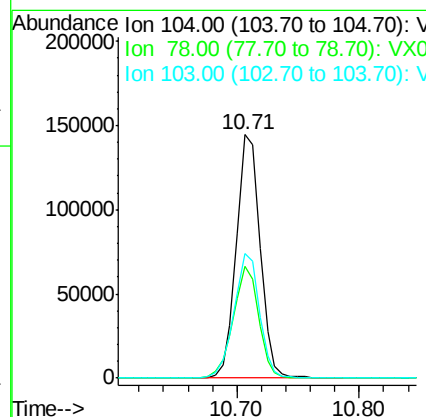
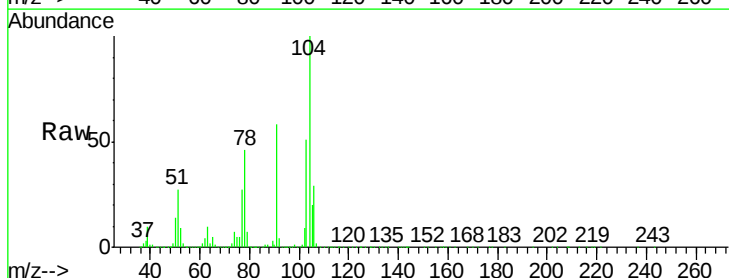
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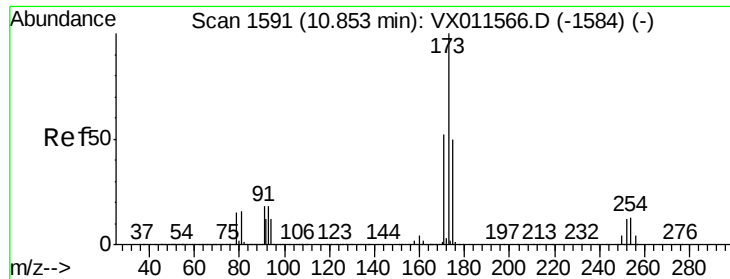
MMDadoda
8/21/2019 8:33:09 AM



#70
Styrene
Concen: 20.978 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX011677.D
Acq: 20 Aug 2019 12:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		194377		
78	49.1	38.2	57.4		
103	54.7	43.6	65.4		





#71

Bromoform

Concen: 17.794 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX011677.D

Acq: 20 Aug 2019 12:17

Instrument :

MSVOA_X

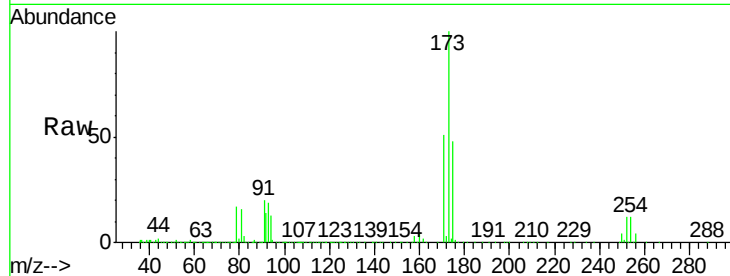
ClientSampled :

VX0820MBS01

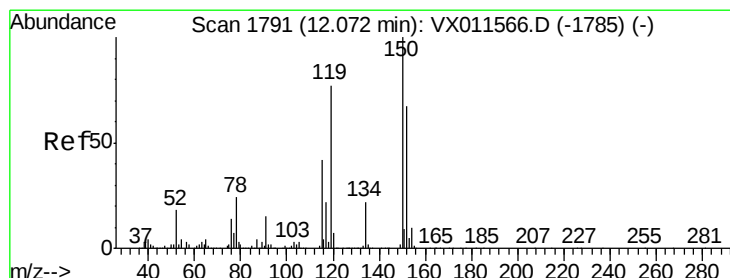
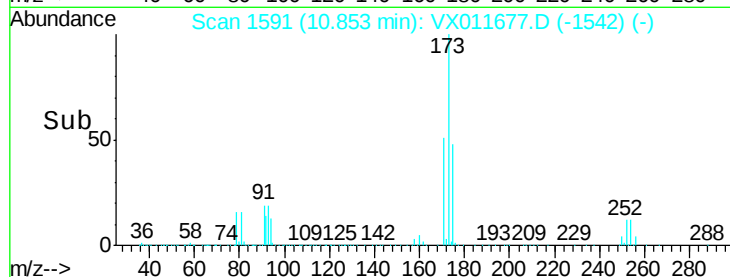
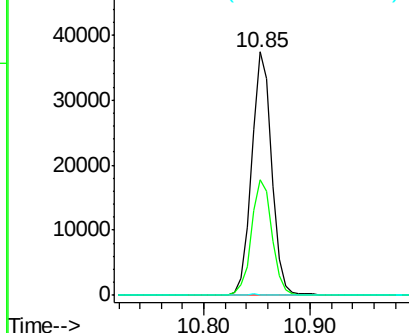
Tot Ion	Ratio	Resp	Lower	Upper
173	100	49458		
175	49.0	24.9	74.7	
254	0.4	0.1	0.1#	

Manual Integrations
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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

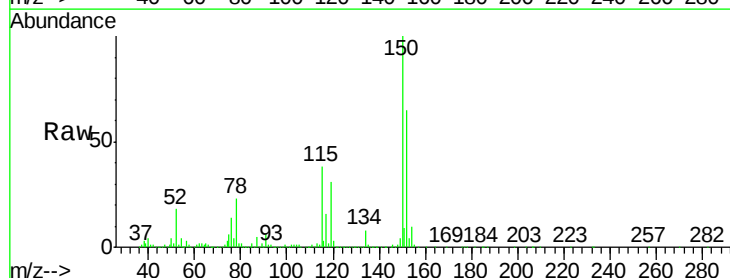
RT: 12.07 min Scan# 1791

Delta R.T. -0.00 min

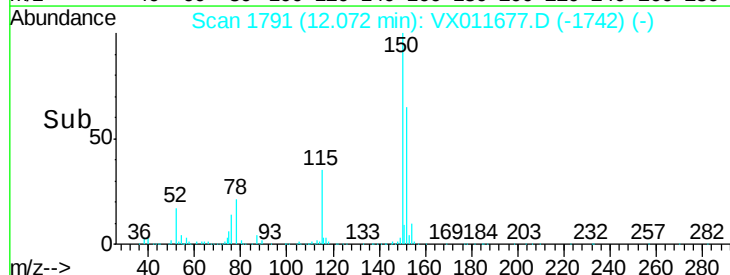
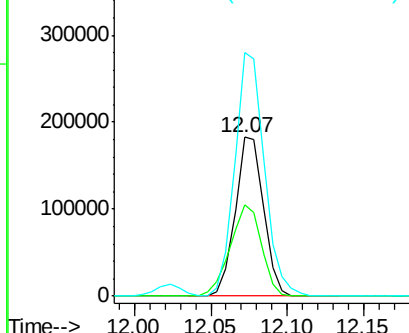
Lab File: VX011677.D

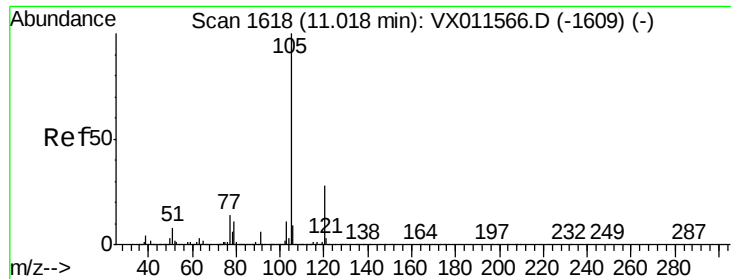
Acq: 20 Aug 2019 12:17

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	232687		
115	63.5	37.3	111.9	
150	161.4	0.0	346.2	



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: 19.783 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX011677.D

Acq: 20 Aug 2019 12:17

Instrument :

MSVOA_X

ClientSampleId :

VX0820MBS01

Tot Ion: 105 Resp: 298702

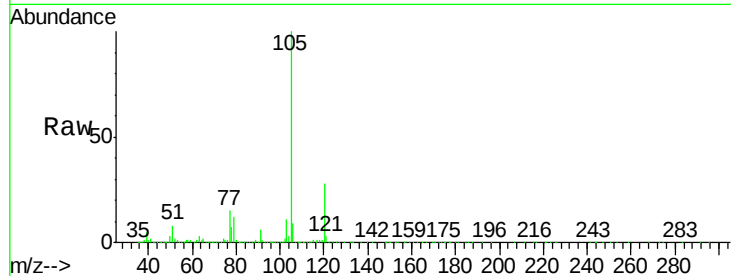
Ion Ratio Lower Upper

105 100

120 27.3 14.0 41.9

Manual Integrations
APPROVED

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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

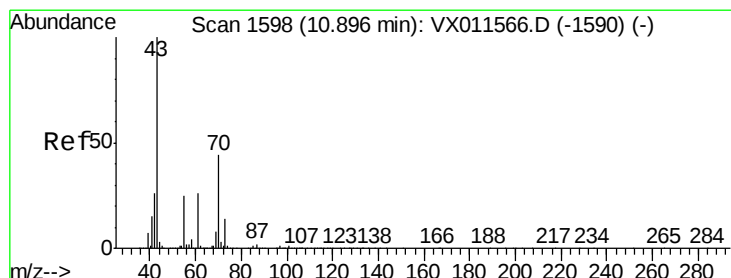
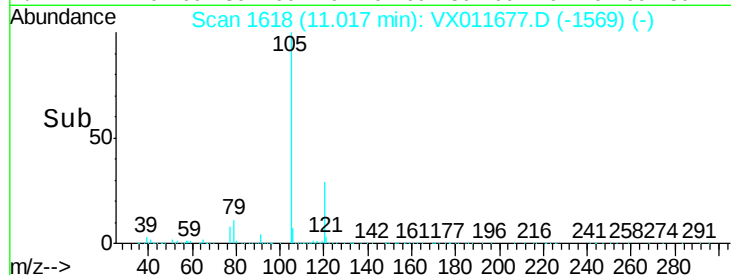
0

11.02

10.90

11.10

Time-->



#74

N-ethyl acetate

Concen: 19.240 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX011677.D

Acq: 20 Aug 2019 12:17

Tgt Ion: 43 Resp: 123452

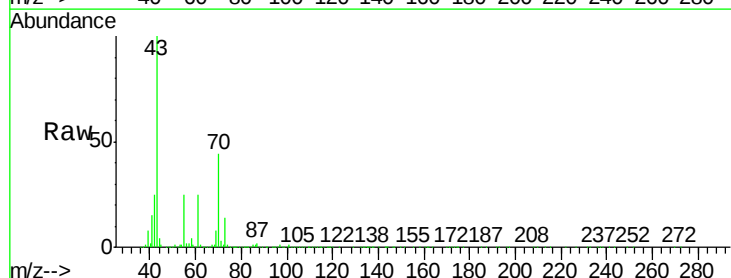
Ion Ratio Lower Upper

43 100

70 42.5 34.7 52.1

55 25.3 19.6 29.4

61 24.3 19.9 29.9



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

150000

100000

50000

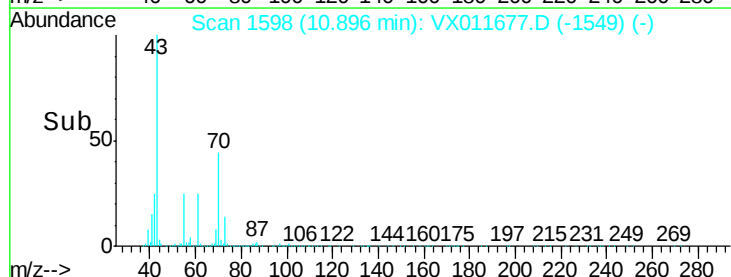
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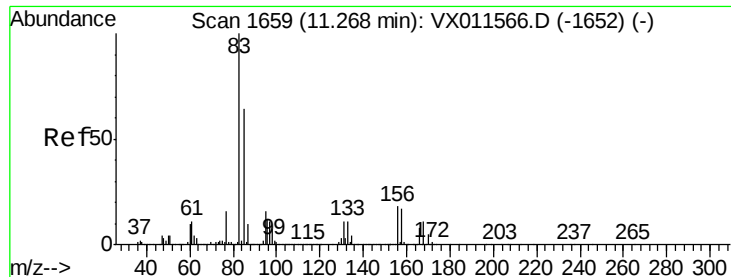
10.90

10.80

11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.873 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VX011677.D

Acq: 20 Aug 2019 12:17

Instrument :

MSVOA_X

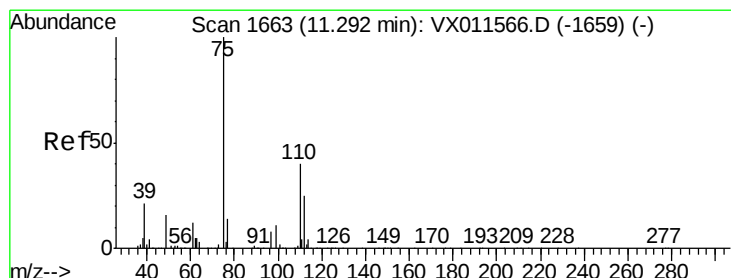
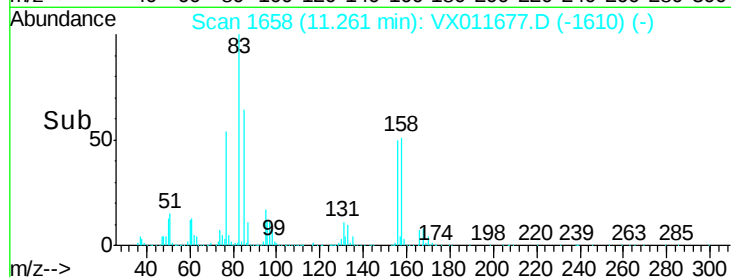
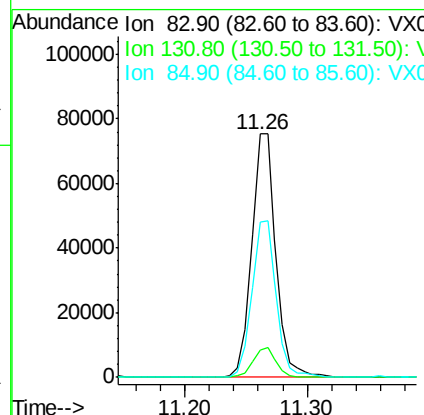
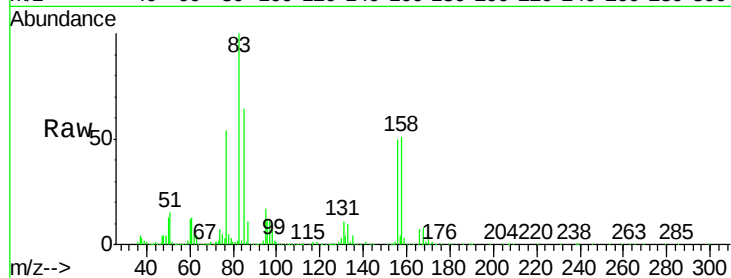
ClientSampleId :

VX0820MBS01

Tot Ion:	83	Resp:	103221
Ion Ratio	Lower	Upper	
83	100		
131	11.9	5.8	17.3
85	64.5	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 19.958 ug/l m

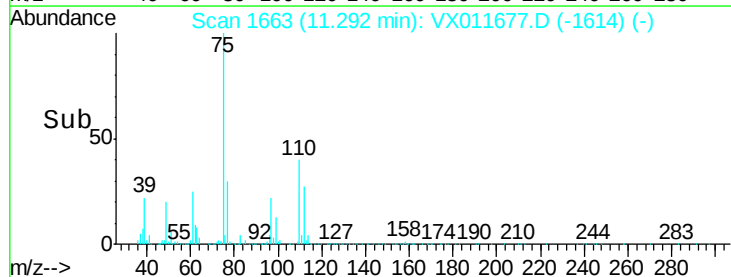
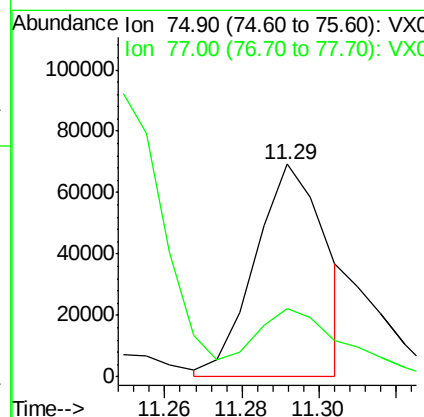
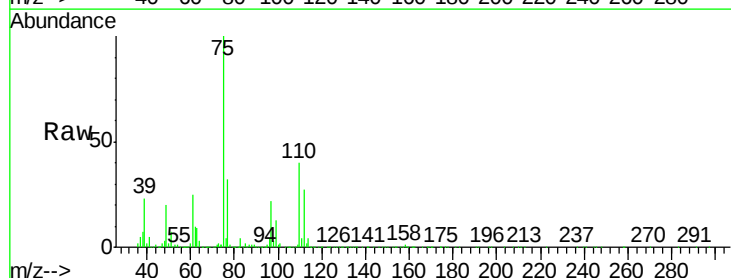
RT: 11.29 min Scan# 1663

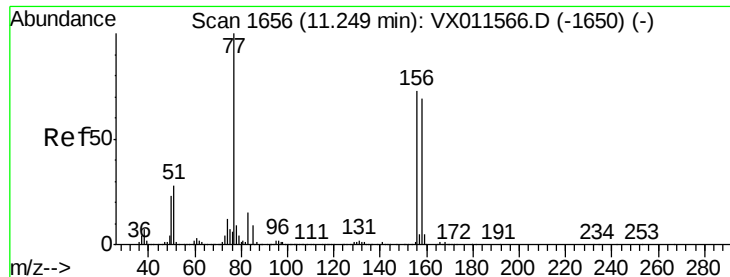
Delta R.T. -0.00 min

Lab File: VX011677.D

Acq: 20 Aug 2019 12:17

Tgt Ion:	75	Resp:	88059
Ion Ratio	Lower	Upper	
75	100		
77	40.7	20.9	62.8





#77

Bromobenzene

Concen: 19.758 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.01 min

Lab File: VX011677.D

Acq: 20 Aug 2019 12:17

Instrument :

MSVOA_X

ClientSampleId :

VX0820MBS01

Tot Ion:156 Resp: 88757

Ion Ratio Lower Upper

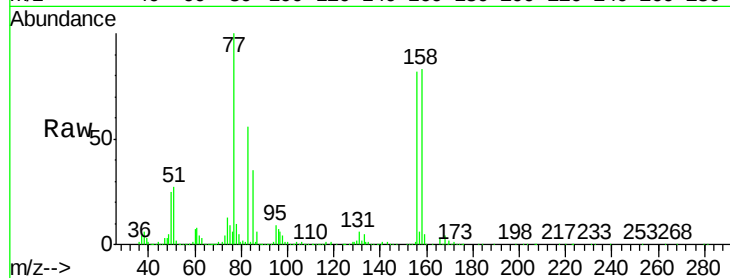
156 100

77 132.7 64.6 193.9

158 99.0 48.4 145.3

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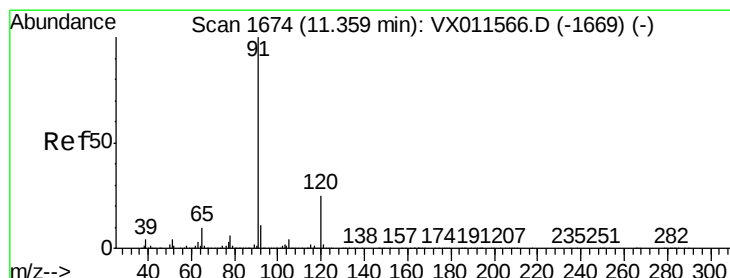
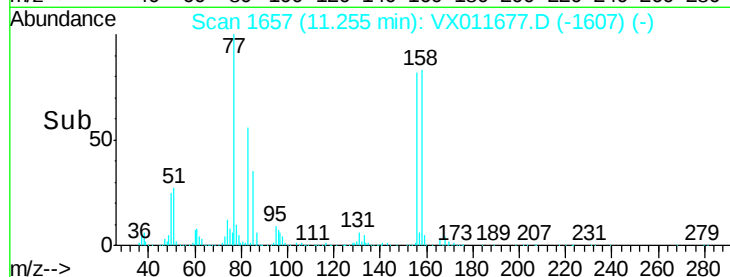
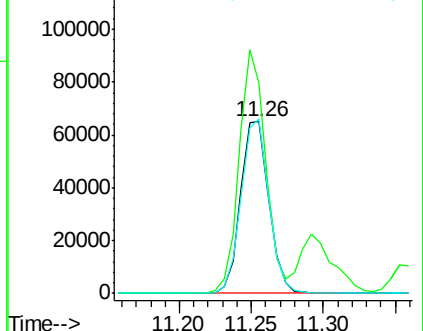
MMDadoda
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.669 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX011677.D

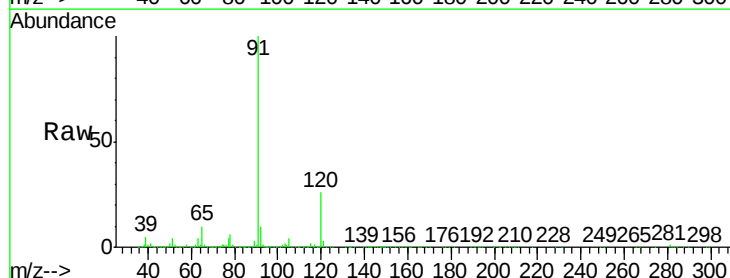
Acq: 20 Aug 2019 12:17

Tgt Ion: 91 Resp: 336517

Ion Ratio Lower Upper

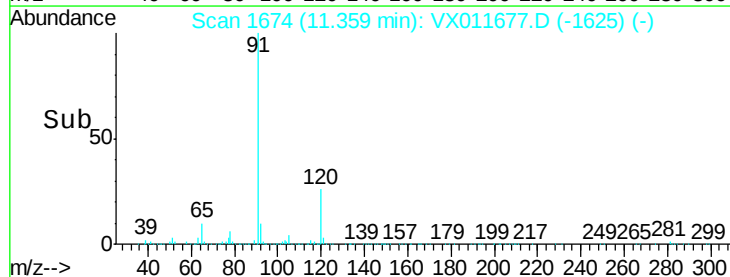
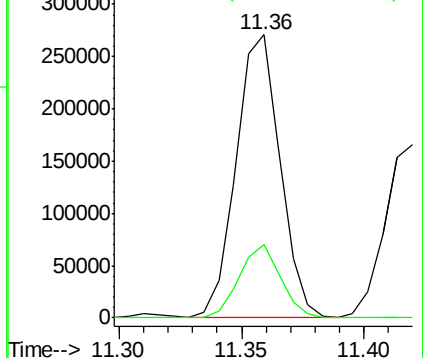
91 100

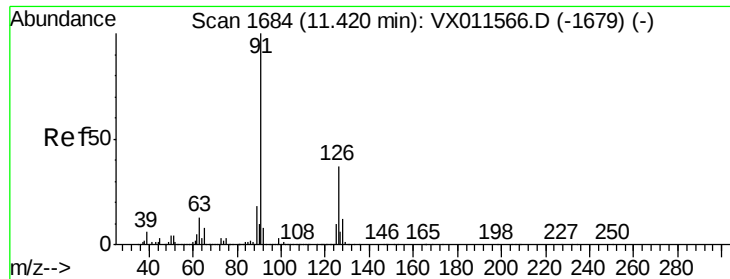
120 24.7 12.6 37.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





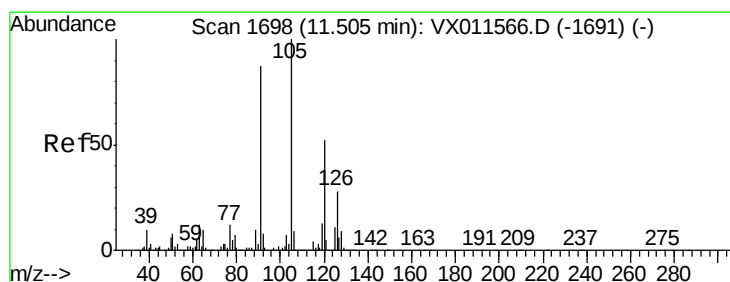
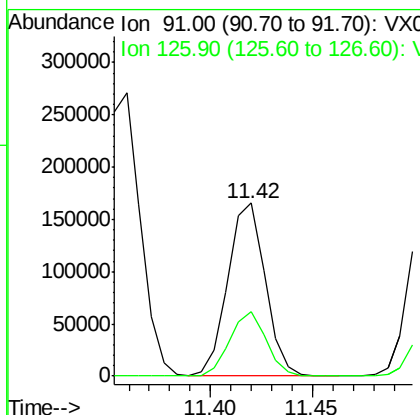
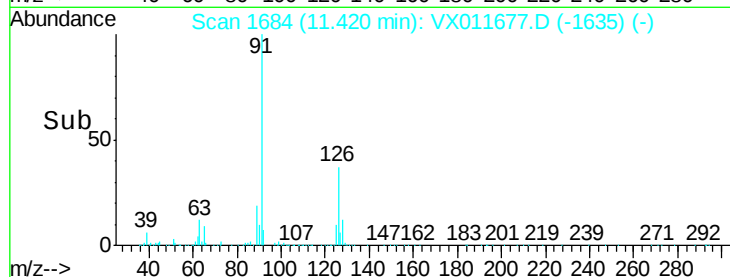
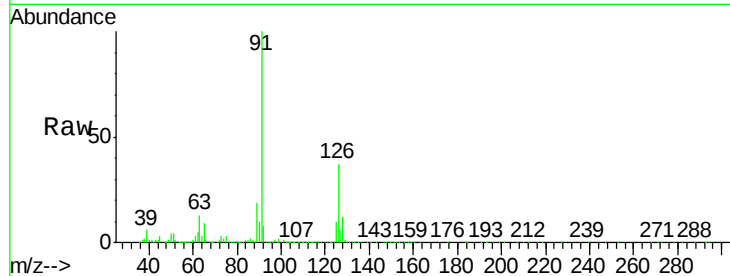
#79
 2-Chlorotoluene
 Concen: 20.858 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX011677.D
 Acq: 20 Aug 2019 12:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0820MBS01

Tot Ion	Ratio	Lower	Upper
91	100		
126	37.0	18.4	55.0

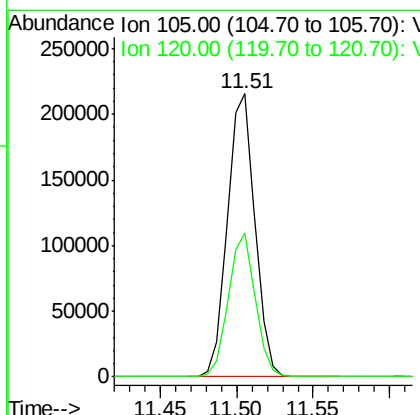
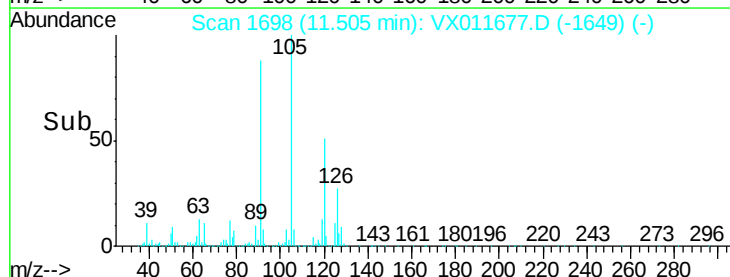
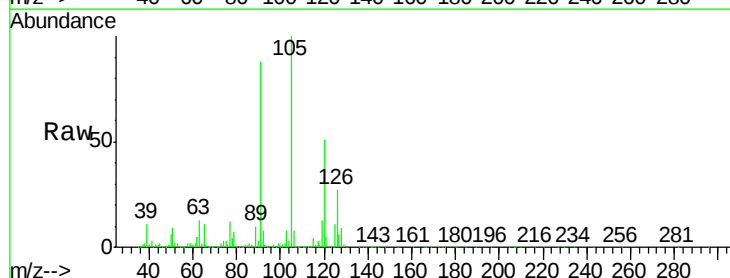
Manual Integrations
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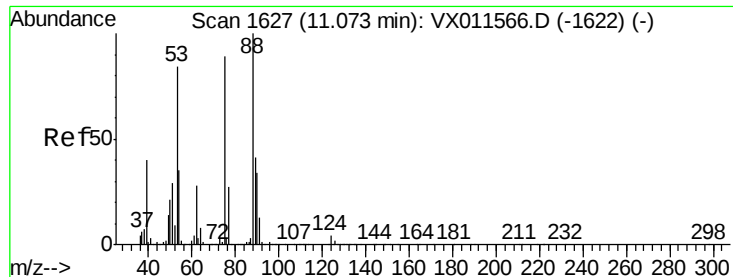
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#80
 1,3,5-Trimethylbenzene
 Concen: 21.111 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX011677.D
 Acq: 20 Aug 2019 12:17

Tgt Ion	Ratio	Lower	Upper
105	100		
120	49.5	25.3	75.8





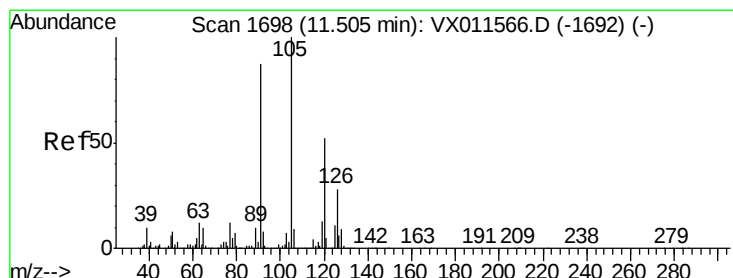
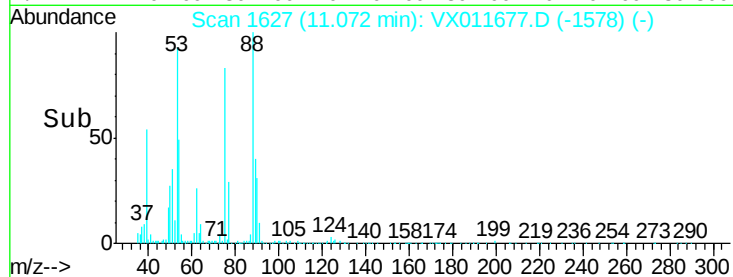
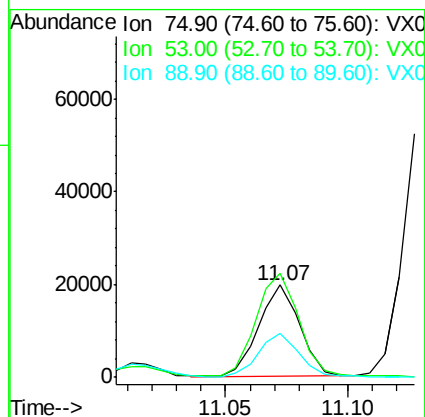
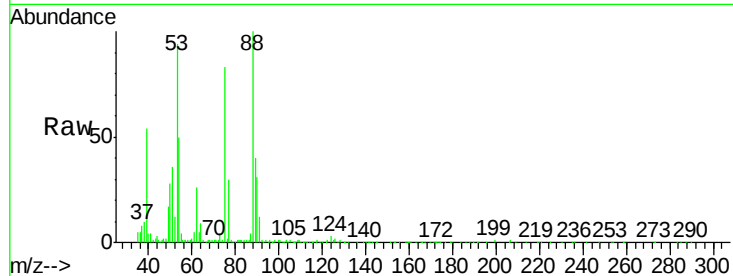
#81
trans-1,4-Dichloro-2-butene
Concen: 17.408 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX011677.D
Acq: 20 Aug 2019 12:17

Instrument :
MSVOA_X
ClientSampleId :
VX0820MBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	118.2	77.4	116.0#
89	48.5	37.3	55.9

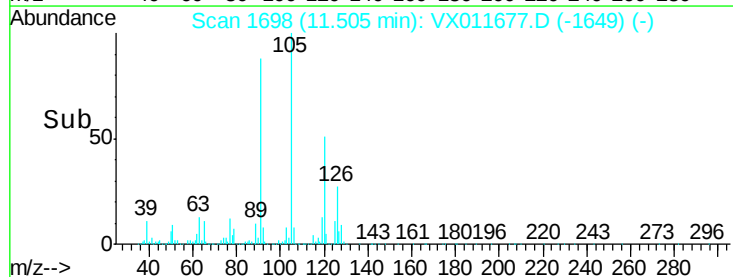
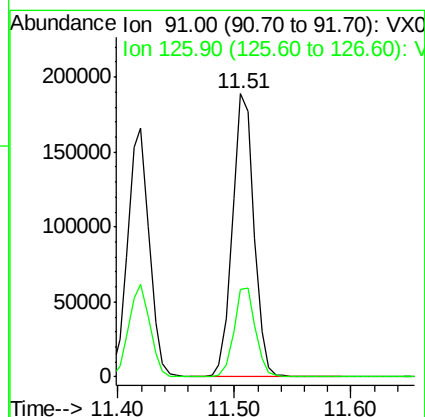
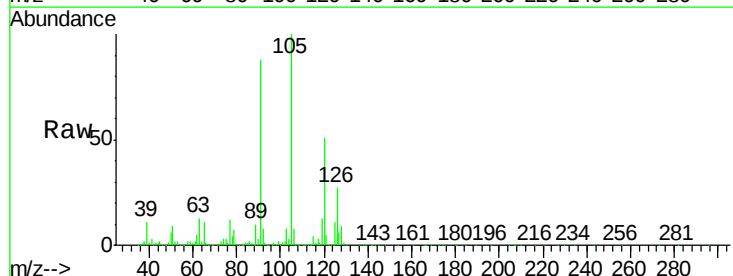
Manual Integrations
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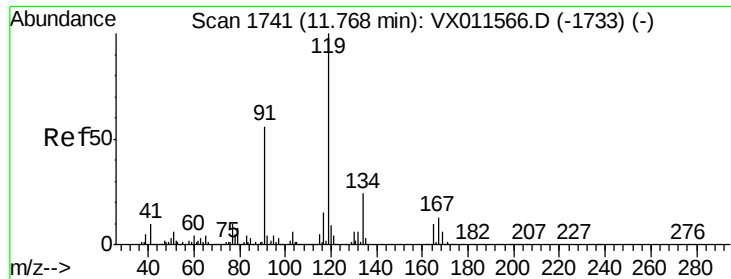
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#82
4-Chlorotoluene
Concen: 20.916 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX011677.D
Acq: 20 Aug 2019 12:17

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.7	16.4	49.1





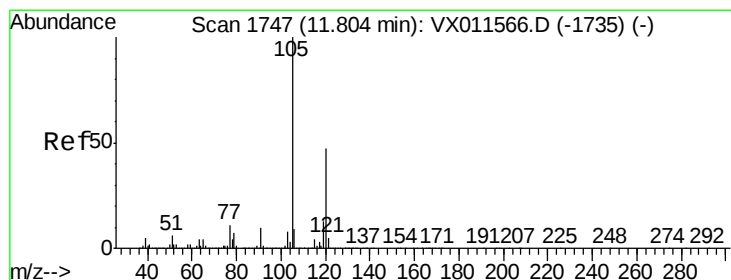
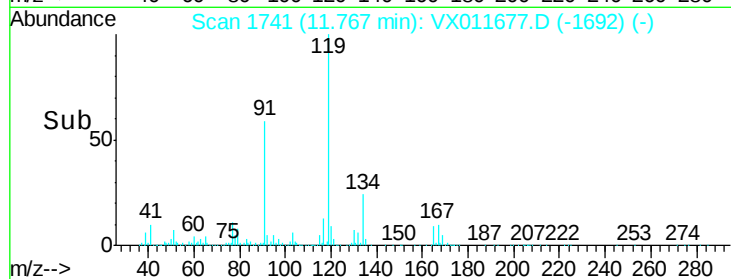
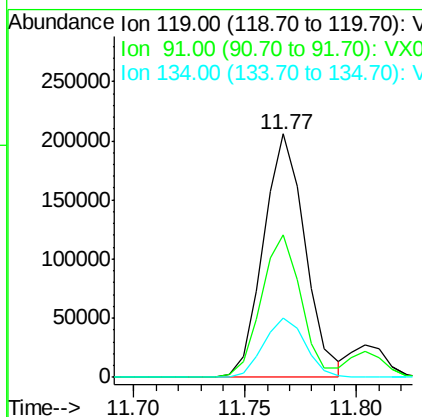
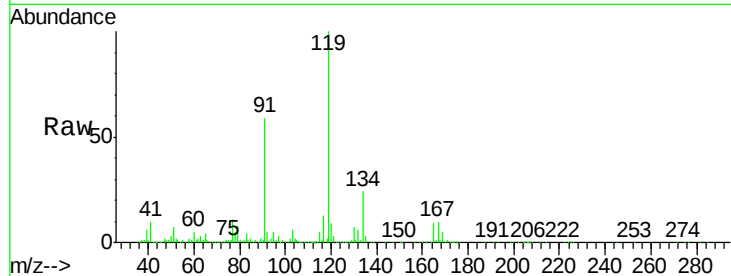
#83
 tert-Butylbenzene
 Concen: 20.678 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX011677.D
 Acq: 20 Aug 2019 12:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0820MBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	267114		
91	56.7	27.1	81.3	
134	24.4	11.8	35.3	

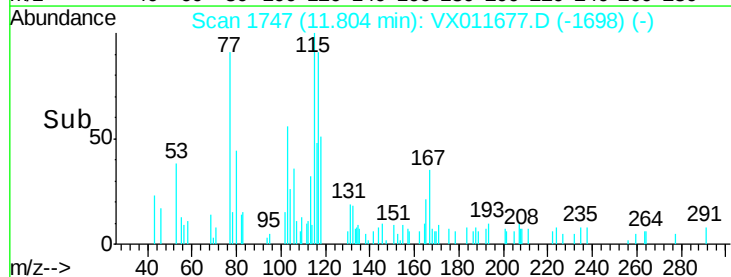
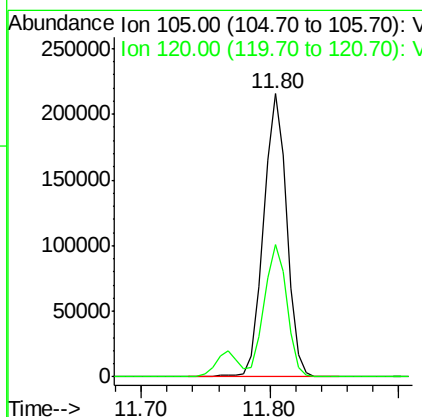
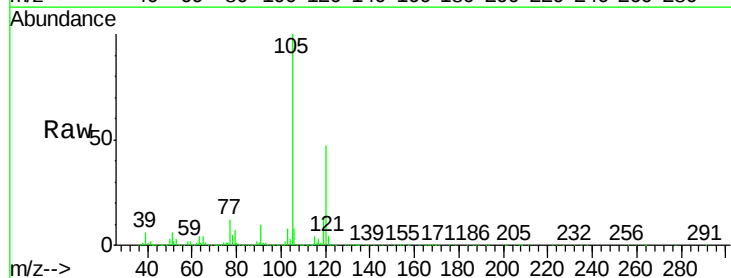
Manual Integrations
 APPROVED

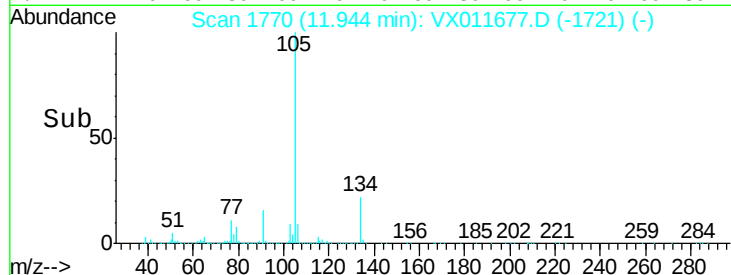
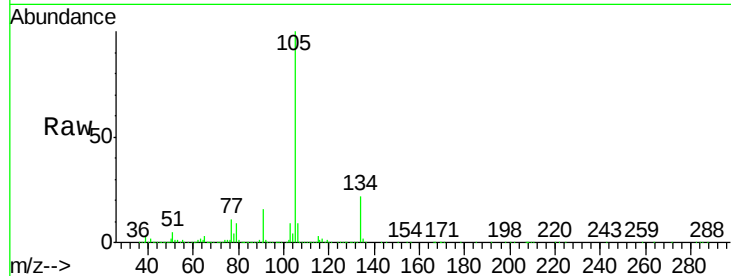
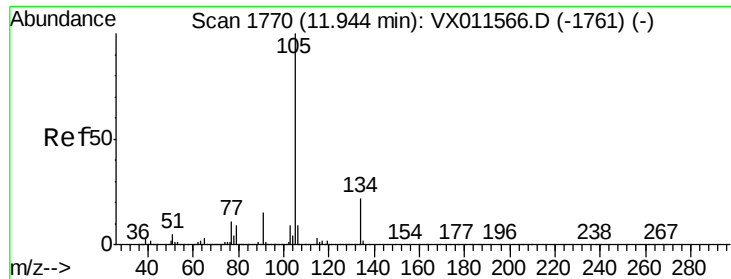
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.988 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX011677.D
 Acq: 20 Aug 2019 12:17

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	267244		
120	46.2	23.3	69.9	





#85

sec-Butylbenzene

Concen: 20.822 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX011677.D

Acq: 20 Aug 2019 12:17

Tot Ion:105 Resp: 303464

Ion Ratio Lower Upper

105 100

134 21.7 10.8 32.4

Instrument :

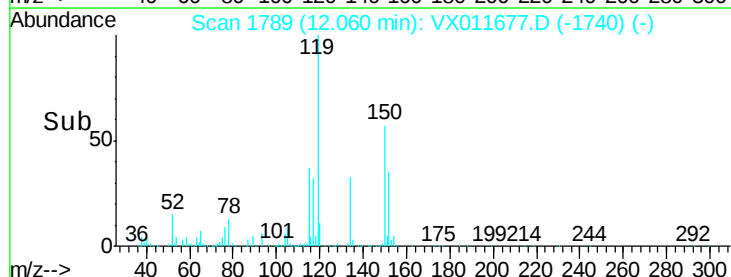
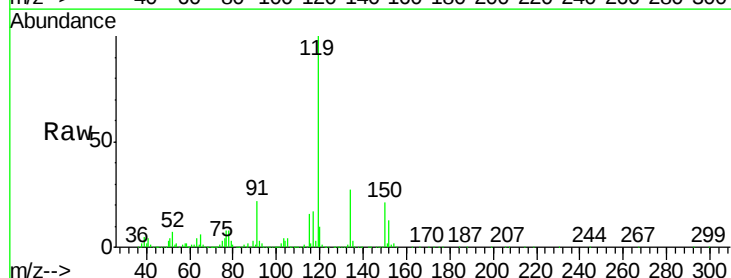
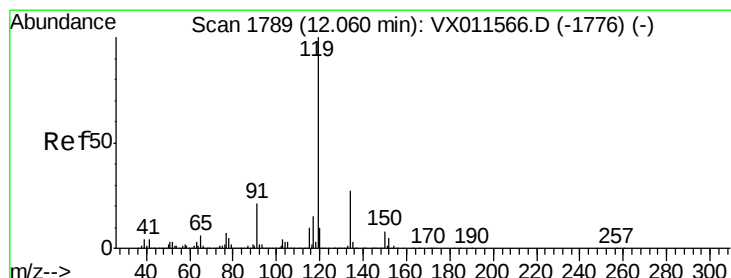
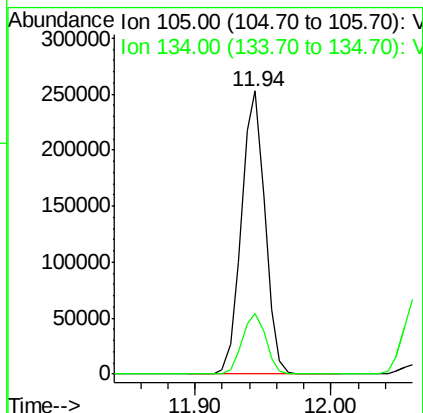
MSVOA_X

ClientSampleId :

VX0820MBS01

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#86

p-Isopropyltoluene

Concen: 21.124 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX011677.D

Acq: 20 Aug 2019 12:17

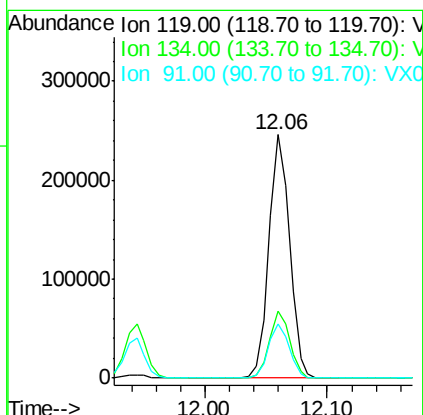
Tgt Ion:119 Resp: 289639

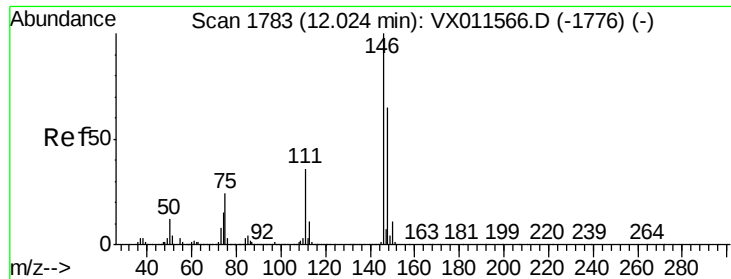
Ion Ratio Lower Upper

119 100

134 27.2 13.6 40.8

91 22.6 10.9 32.9





#87

1,3-Dichlorobenzene

Concen: 20.251 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX011677.D

Acq: 20 Aug 2019 12:17

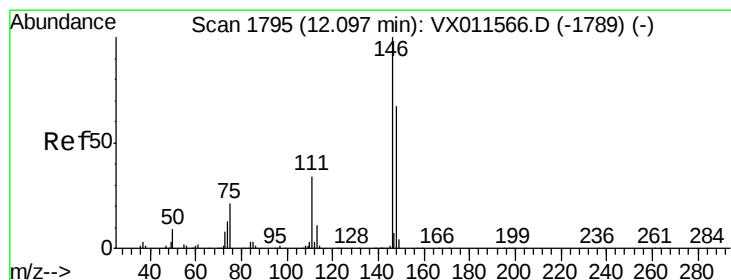
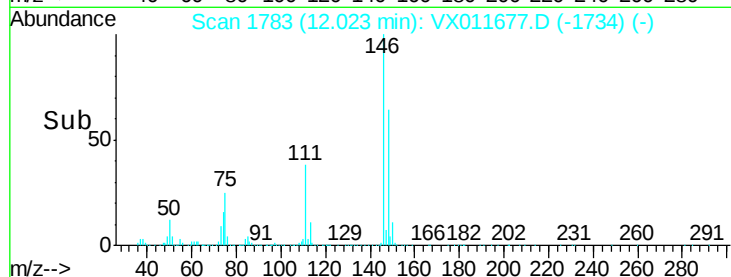
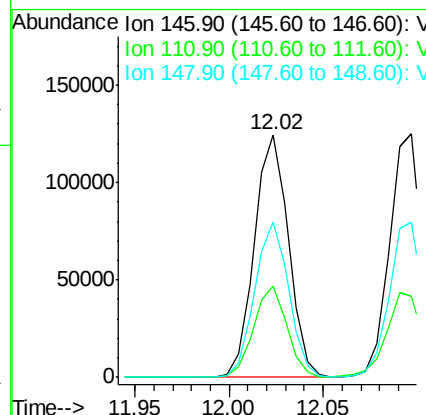
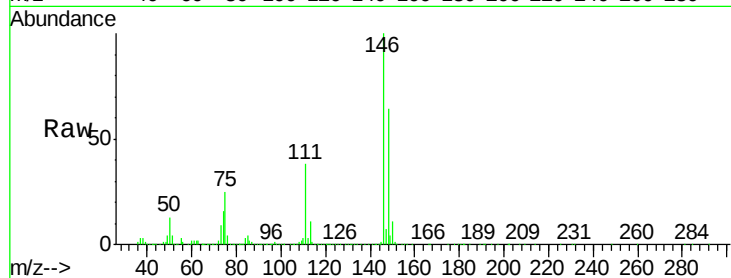
Instrument :
MSVOA_X

ClientSampleId :
VX0820MBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.4	18.1	54.4
148	63.9	32.0	96.0

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 19.996 ug/l

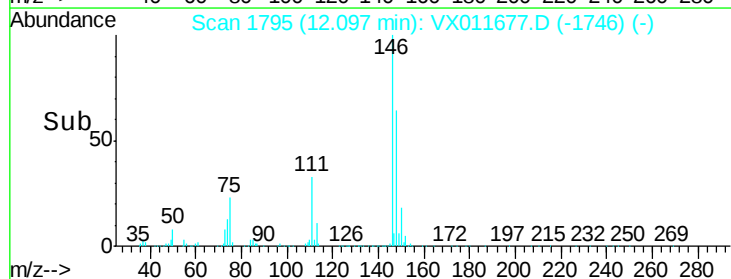
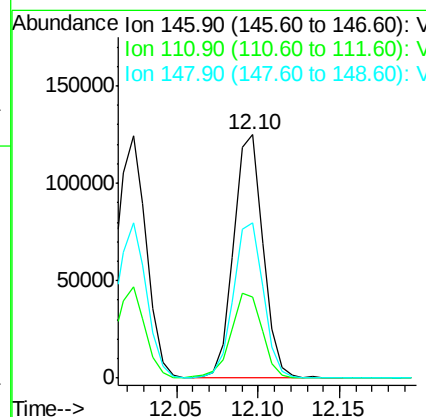
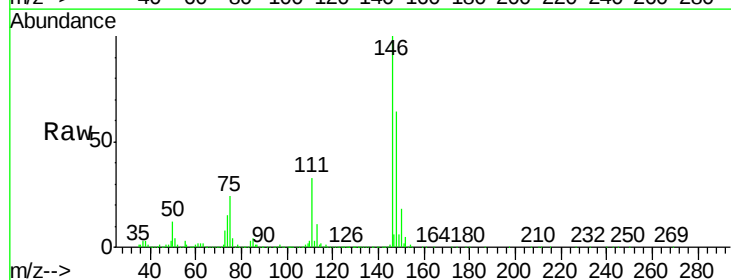
RT: 12.10 min Scan# 1795

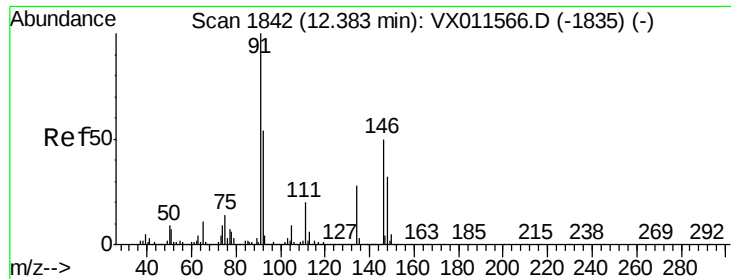
Delta R.T. -0.00 min

Lab File: VX011677.D

Acq: 20 Aug 2019 12:17

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.8	17.9	53.7
148	65.0	32.5	97.5





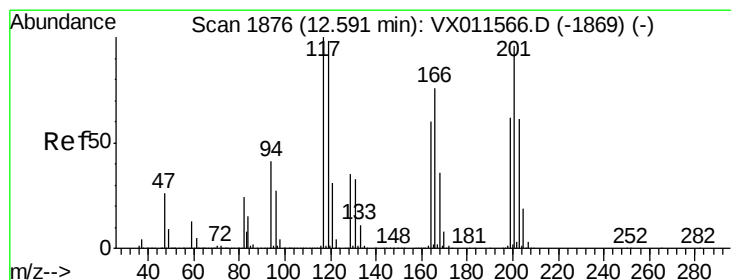
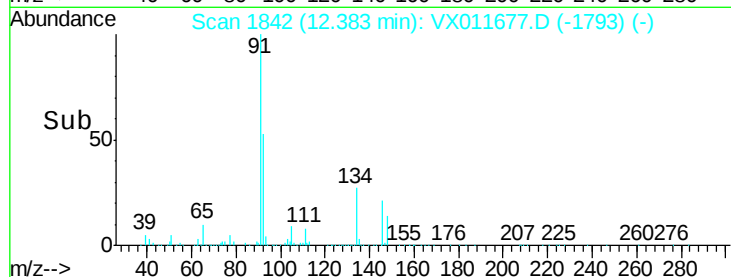
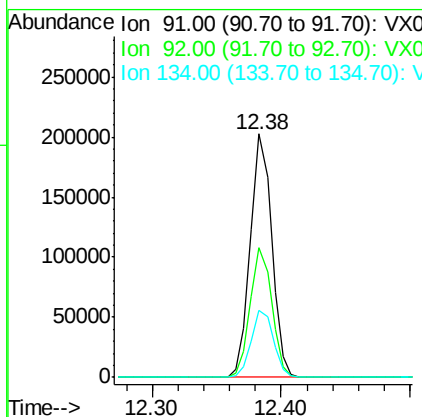
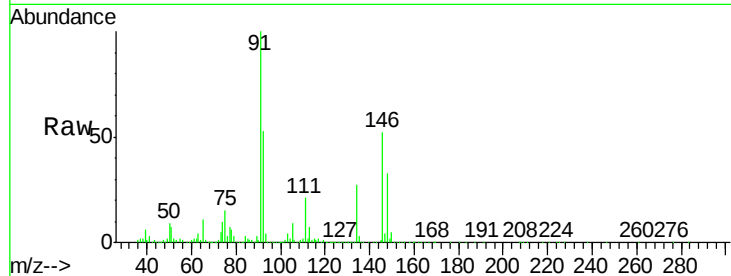
#89
n-Butylbenzene
Concen: 20.500 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX011677.D
Acq: 20 Aug 2019 12:17

Instrument :
MSVOA_X
ClientSampleId :
VX0820MBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.9	26.8	80.3
134	28.3	14.6	44.0

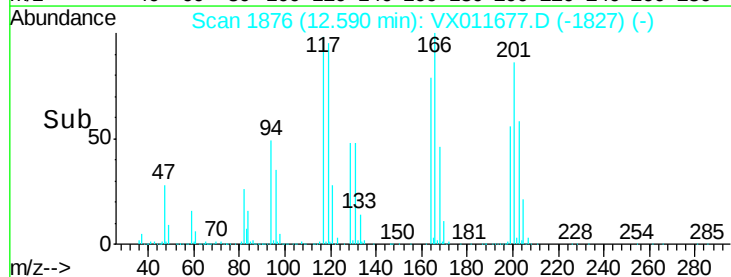
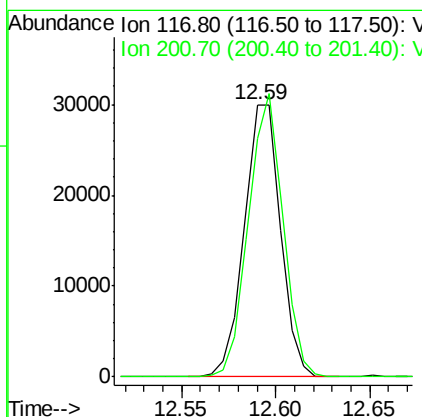
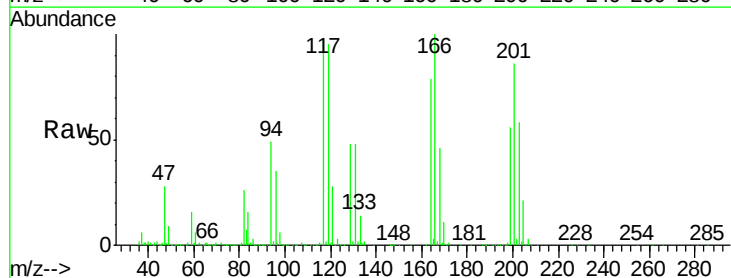
Manual Integrations
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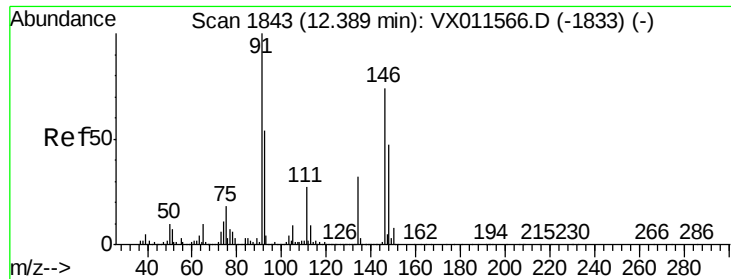
MMDadoda
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#90
Hexachloroethane
Concen: 18.528 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.00 min
Lab File: VX011677.D
Acq: 20 Aug 2019 12:17

Tgt Ion	Ratio	Lower	Upper
117	100		
201	98.5	51.9	155.7





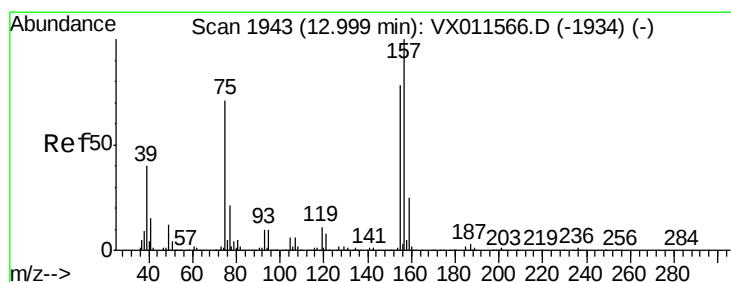
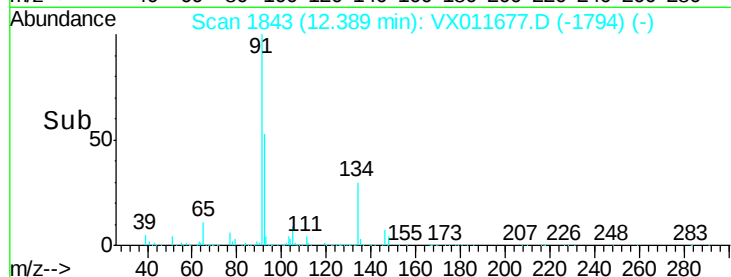
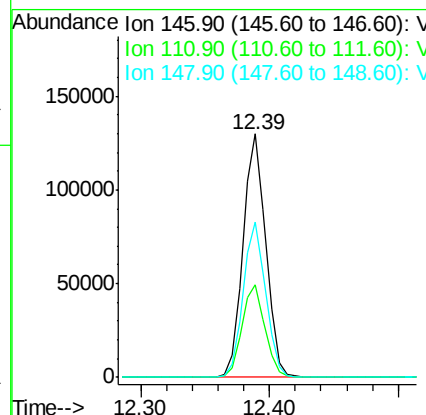
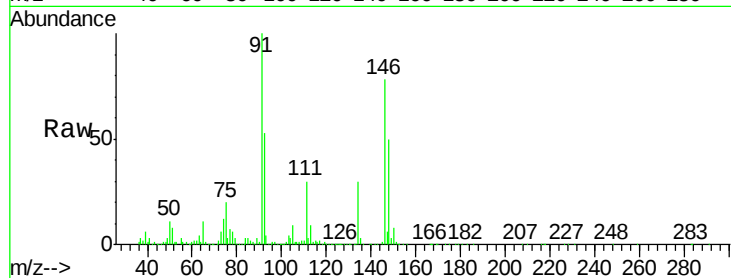
#91
 1,2-Dichlorobenzene
 Concen: 20.449 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX011677.D
 Acq: 20 Aug 2019 12:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0820MBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	158495		
111	38.5	18.9	56.7	
148	63.3	31.9	95.9	

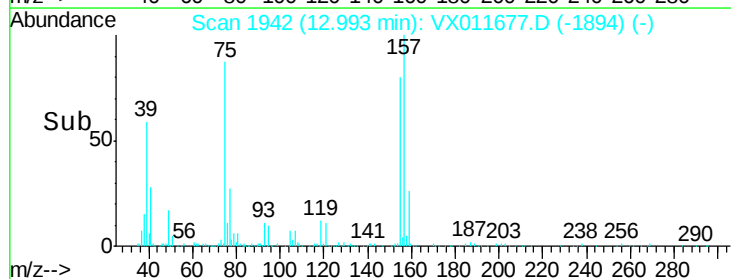
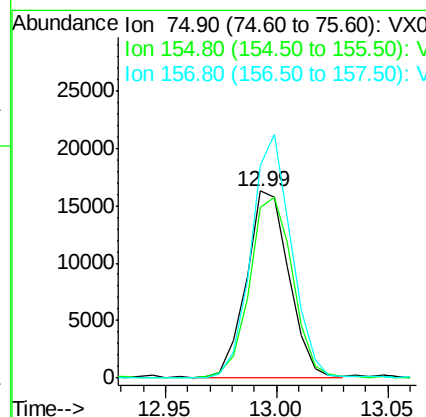
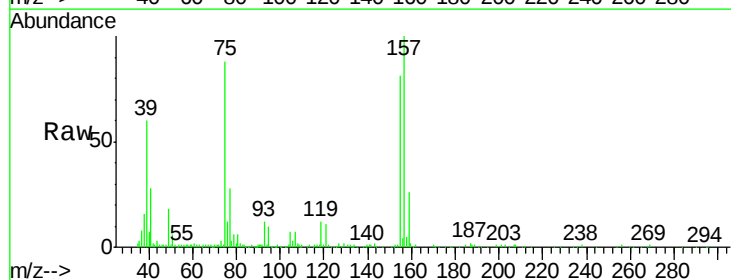
Manual Integrations
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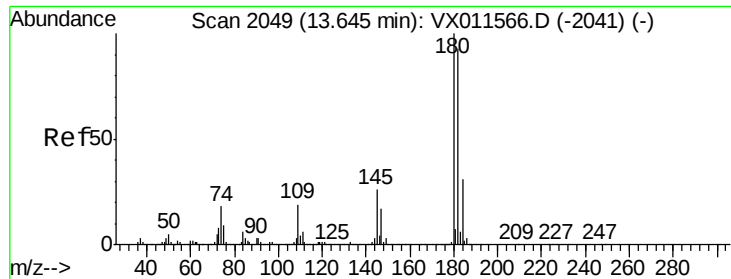
MMDadoda
 8/21/2019 8:33:09 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.060 ug/l
 RT: 12.99 min Scan# 1942
 Delta R.T. -0.01 min
 Lab File: VX011677.D
 Acq: 20 Aug 2019 12:17

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	21461		
155	99.9	53.0	159.0	
157	124.8	68.3	205.1	





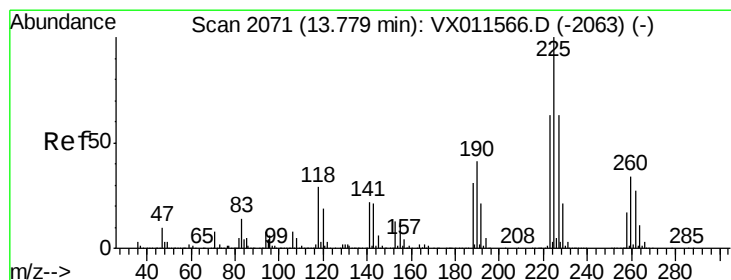
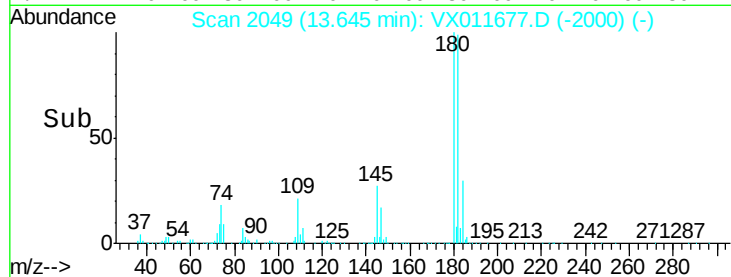
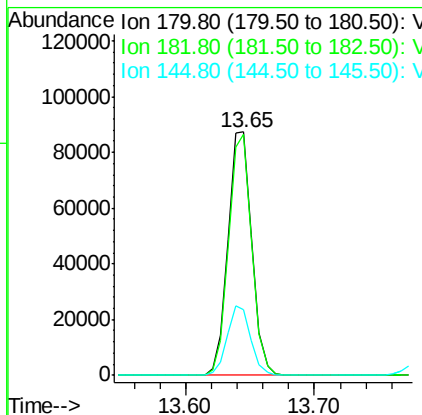
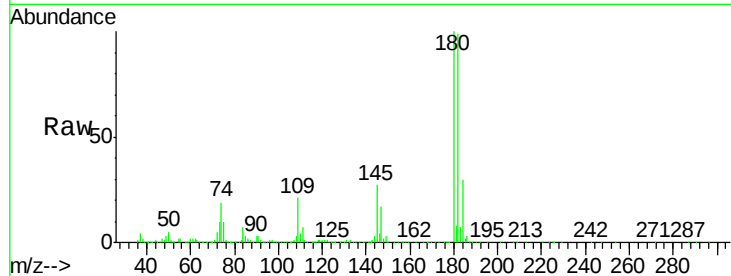
#93
 1,2,4-Trichlorobenzene
 Concen: 19.725 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX011677.D
 Acq: 20 Aug 2019 12:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0820MBS01

Manual Integrations
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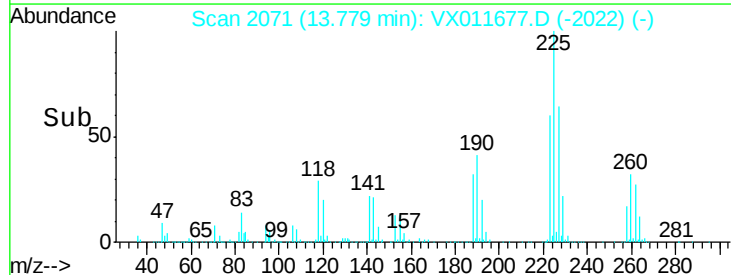
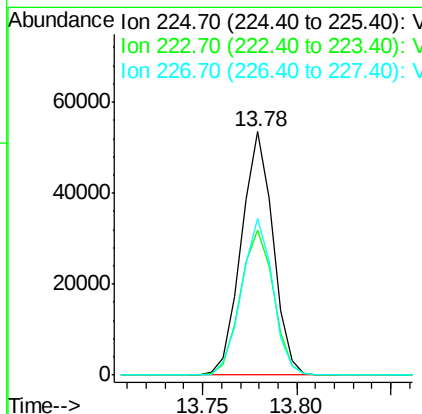
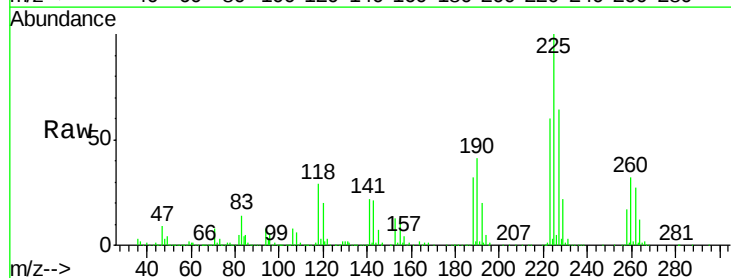
MMDadoda
 8/21/2019 8:33:09 AM

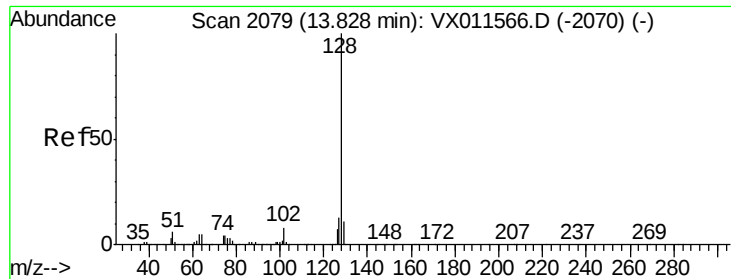
Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	96.1	47.3	142.0	
145	28.2	13.6	40.8	



#94
 Hexachlorobutadiene
 Concen: 19.827 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX011677.D
 Acq: 20 Aug 2019 12:17

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.6	31.4	94.0	
227	63.8	31.2	93.6	





#95

Naphthalene

Concen: 20.723 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.01 min

Lab File: VX011677.D

Acq: 20 Aug 2019 12:17

Instrument :

MSVOA_X

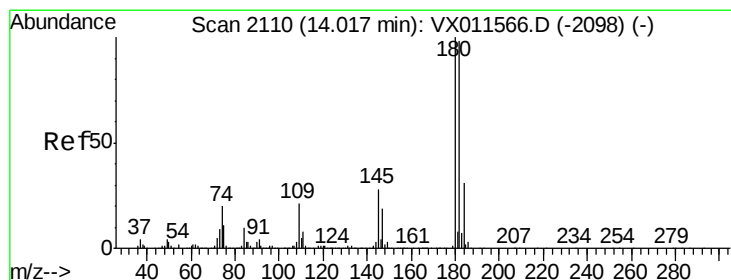
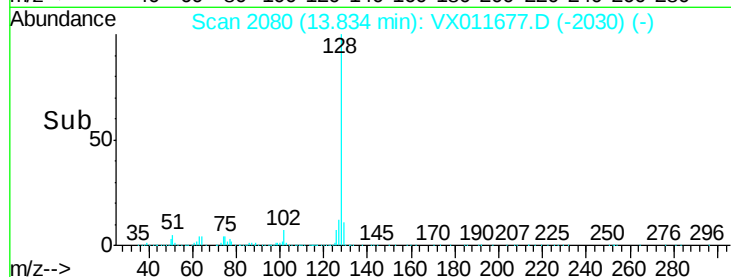
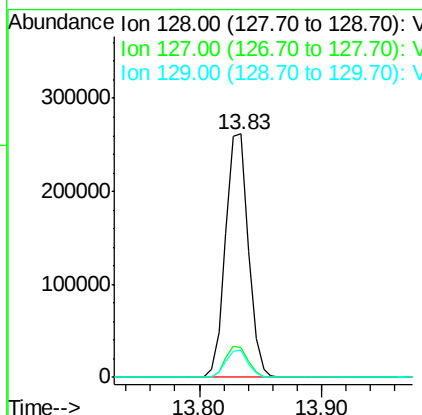
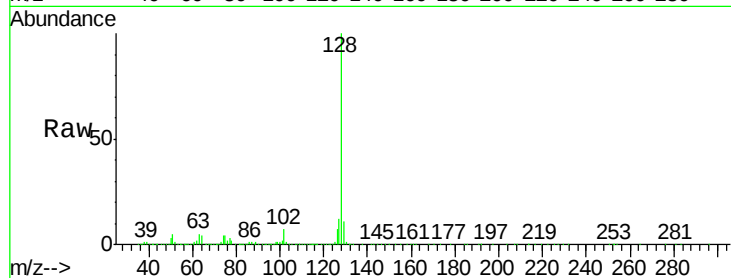
ClientSampleId :

VX0820MBS01

Tot Ion:	128	Resp:	338345
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.3	15.5
129	11.2	8.7	13.1

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 20.302 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX011677.D

Acq: 20 Aug 2019 12:17

Tgt Ion:	180	Resp:	118261
Ion Ratio	Lower	Upper	
180	100		
182	95.6	48.0	144.0
145	30.4	14.6	43.8

