

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX083120\
 Data File : VX018165.D
 Acq On : 31 Aug 2020 23:07
 Operator : JC/SP
 Sample : VX0831WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0831WBSD02

Quant Time: Sep 01 05:40:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	450741	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	721310	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	664372	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	361061	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	313770	50.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.28%	
35) Dibromofluoromethane	5.47	113	240731	49.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.00%	
50) Toluene-d8	8.70	98	860198	47.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.02%	
62) 4-Bromofluorobenzene	11.12	95	337130	46.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	115443	21.036	ug/l	97
3) Chloromethane	1.31	50	114576	19.803	ug/l	100
4) Vinyl Chloride	1.39	62	113075	19.633	ug/l	97
5) Bromomethane	1.63	94	77821	28.013	ug/l	97
6) Chloroethane	1.71	64	65700	21.239	ug/l	93
7) Trichlorofluoromethane	1.92	101	182364	23.221	ug/l	99
8) Diethyl Ether	2.17	74	57614	21.632	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.36	101	90620	21.344	ug/l	98
10) Methyl Iodide	2.49	142	98746	24.726	ug/l	100
11) Tert butyl alcohol	3.01	59	116098	95.423	ug/l	99
12) 1,1-Dichloroethene	2.36	96	91385	20.746	ug/l	97
13) Acrolein	2.28	56	35776	70.916	ug/l	99
14) Allyl chloride	2.71	41	158793	20.065	ug/l	98
15) Acrylonitrile	3.12	53	268424	97.259	ug/l	99
16) Acetone	2.42	43	248530	101.928	ug/l	94
17) Carbon Disulfide	2.55	76	253050	19.004	ug/l	100
18) Methyl Acetate	2.75	43	127610	21.688	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	319224	21.132	ug/l	98
20) Methylene Chloride	2.84	84	105478	20.467	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	98332	20.149	ug/l	99
22) Diisopropyl ether	3.83	45	325278	20.825	ug/l	98
23) Vinyl Acetate	3.79	43	1414333	101.762	ug/l	98
24) 1,1-Dichloroethane	3.67	63	185409	20.853	ug/l	98
25) 2-Butanone	4.64	43	385035	96.085	ug/l	100
26) 2,2-Dichloropropane	4.55	77	127675	17.648	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	112635	20.032	ug/l	97
28) Bromochloromethane	4.99	49	78898	18.383	ug/l	96
29) Tetrahydrofuran	5.09	42	243976	95.642	ug/l	97
30) Chloroform	5.18	83	193310	20.997	ug/l	99
31) Cyclohexane	5.55	56	148236	19.792	ug/l	91
32) 1,1,1-Trichloroethane	5.46	97	182792	21.635	ug/l	100
36) 1,1-Dichloropropene	5.77	75	136874	20.573	ug/l	98
37) Ethyl Acetate	4.79	43	149280	19.319	ug/l	99
38) Carbon Tetrachloride	5.76	117	168022	22.410	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	144234	19.826	ug/l	97
40) Benzene	6.12	78	398339	20.376	ug/l	96
41) Methacrylonitrile	5.00	41	82858	19.530	ug/l	98
42) 1,2-Dichloroethane	6.17	62	164245	21.929	ug/l	98
43) Isopropyl Acetate	6.42	43	243799	19.534	ug/l	99
44) Trichloroethene	7.19	130	113159	20.486	ug/l	99
45) 1,2-Dichloropropane	7.49	63	106008	20.120	ug/l	95
46) Dibromomethane	7.64	93	76581	20.669	ug/l	98
47) Bromodichloromethane	7.88	83	159531	21.564	ug/l	97
48) Methyl methacrylate	7.75	41	118876	19.134	ug/l	99
49) 1,4-Dioxane	7.71	88	41889	372.208	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	763776	99.071	ug/l	99
52) Toluene	8.76	92	258427	20.848	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	165934	20.238	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	172443	19.854	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	106350	20.116	ug/l	97
56) Ethyl methacrylate	9.16	69	151924	19.330	ug/l	98
57) 1,3-Dichloropropane	9.35	76	177498	20.356	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	302999	85.701	ug/l	99
59) 2-Hexanone	9.47	43	577249	98.471	ug/l	98
60) Dibromochloromethane	9.57	129	130198	20.993	ug/l	99
61) 1,2-Dibromoethane	9.65	107	115741	20.165	ug/l	99
64) Tetrachloroethene	9.32	164	105964	21.704	ug/l	91
65) Chlorobenzene	10.12	112	280686	21.154	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	114245	21.845	ug/l	97
67) Ethyl Benzene	10.24	91	486528	21.561	ug/l	99
68) m/p-Xylenes	10.34	106	363617	43.173	ug/l	97
69) o-Xylene	10.68	106	172213	21.093	ug/l	98
70) Styrene	10.70	104	296890	21.353	ug/l	98
71) Bromoform	10.84	173	99124	22.221	ug/l #	96
73) Isopropylbenzene	11.00	105	480023	20.156	ug/l	98
74) N-amyl acetate	10.88	43	212684	18.822	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	160599	19.116	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	193650	24.110	ug/l	84
77) Bromobenzene	11.24	156	128263	19.483	ug/l	98
78) n-propylbenzene	11.34	91	550768	20.367	ug/l	99
79) 2-Chlorotoluene	11.40	91	336006	20.112	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	418693	21.394	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	49639	16.692	ug/l	91
82) 4-Chlorotoluene	11.49	91	401340	20.207	ug/l	99
83) tert-Butylbenzene	11.76	119	399205	20.669	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	413950	20.688	ug/l	98
85) sec-Butylbenzene	11.93	105	458712	20.885	ug/l	100
86) p-Isopropyltoluene	12.05	119	425098	21.071	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	229947	19.895	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	235452	20.345	ug/l	98
89) n-Butylbenzene	12.37	91	369738	20.079	ug/l	97
90) Hexachloroethane	12.58	117	86881	21.888	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	224714	20.654	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	40062	19.071	ug/l	94

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Quant Title : SW846 8260
QLast Update : Fri Aug 21 03:03:56 2020
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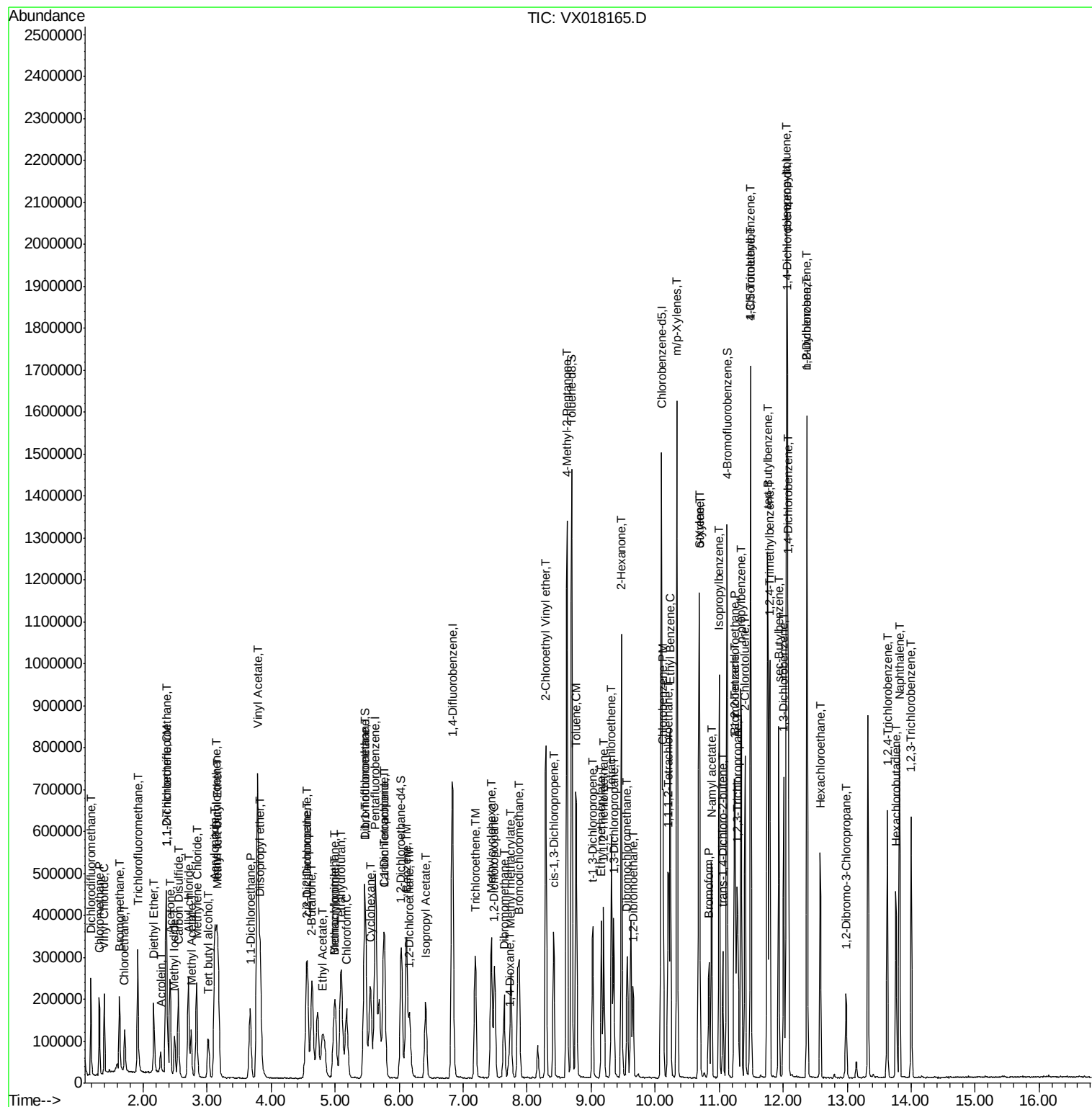
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	141209	19.463	ug/l	98
94) Hexachlorobutadiene	13.76	225	59342	20.737	ug/l	99
95) Naphthalene	13.82	128	462264	19.360	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	145646	20.317	ug/l	99

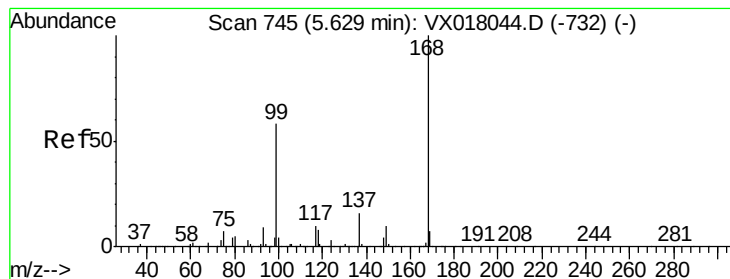
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX083120\
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Quant Title : SW846 8260
QLast Update : Fri Aug 21 03:03:56 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX018165.D

Acq: 31 Aug 2020 23:07

Instrument :

MSVOA_X

ClientSampleId :

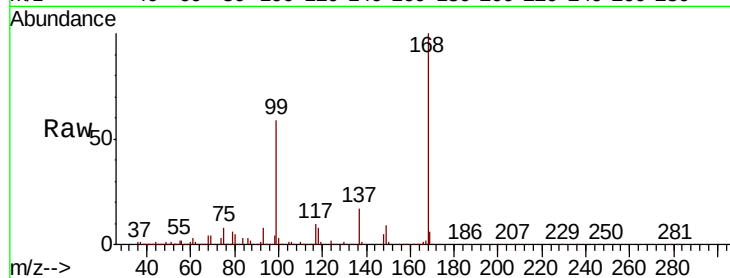
VX0831WBSD02

Tot Ion:168 Resp: 450741

Ion Ratio Lower Upper

168 100

99 58.7 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

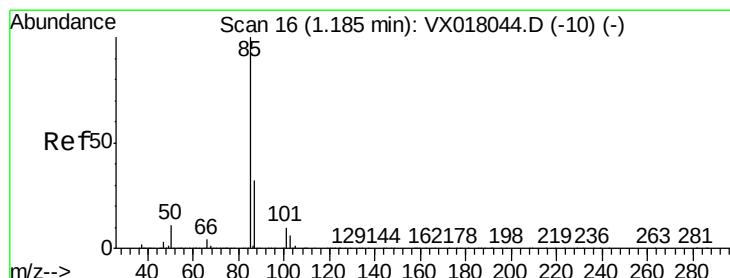
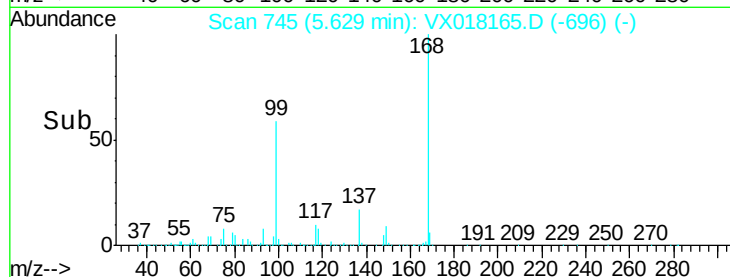
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 21.036 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018165.D

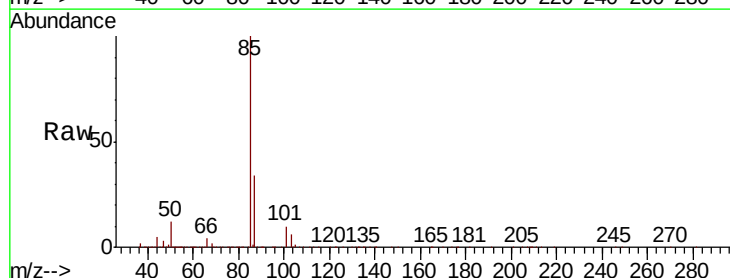
Acq: 31 Aug 2020 23:07

Tgt Ion: 85 Resp: 115443

Ion Ratio Lower Upper

85 100

87 33.7 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

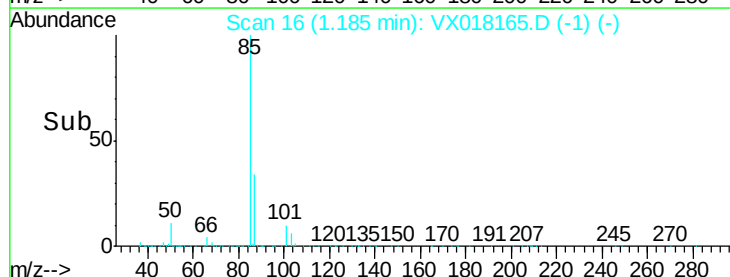
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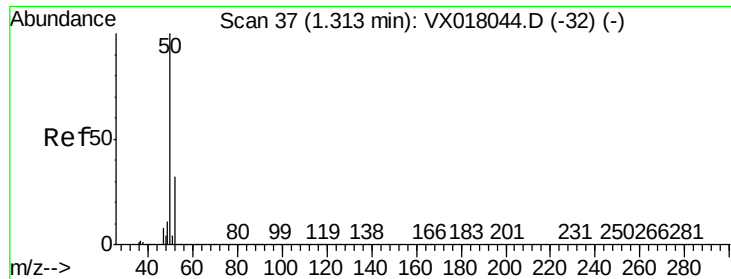
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50000

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Time-->





#3

Chloromethane

Concen: 19.803 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018165.D

Acq: 31 Aug 2020 23:07

Instrument :

MSVOA_X

ClientSampleId :

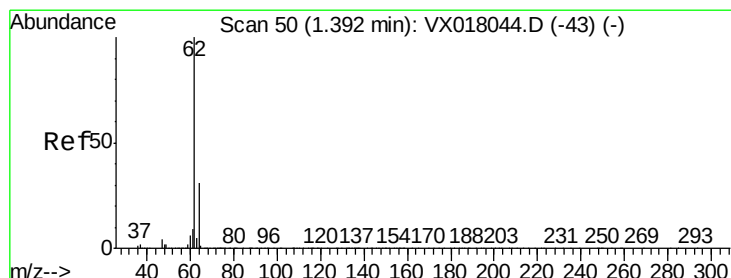
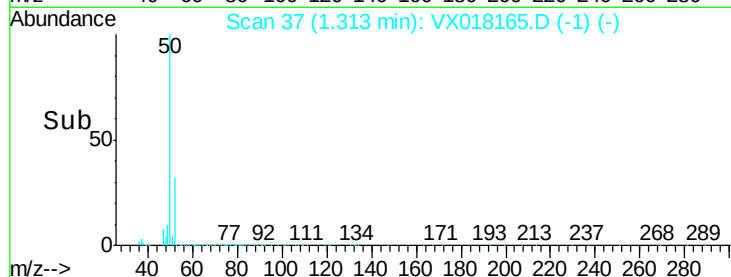
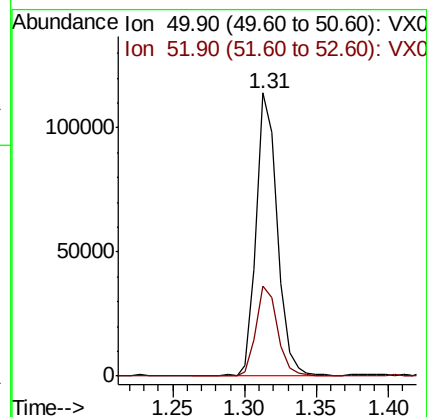
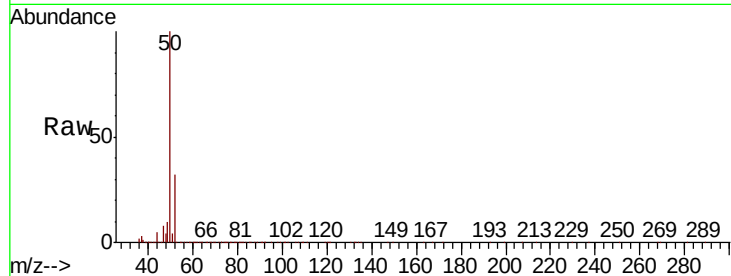
VX0831WBSD02

Tot Ion: 50 Resp: 114576

Ion Ratio Lower Upper

50 100

52 31.8 25.4 38.2



#4

Vinyl Chloride

Concen: 19.633 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018165.D

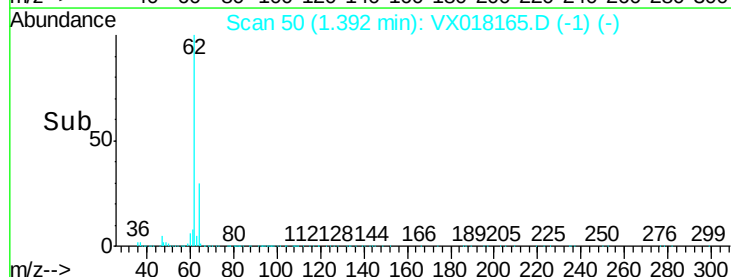
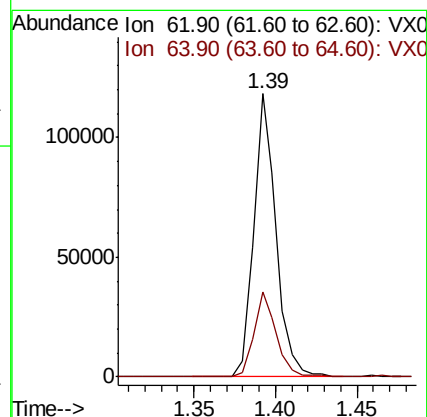
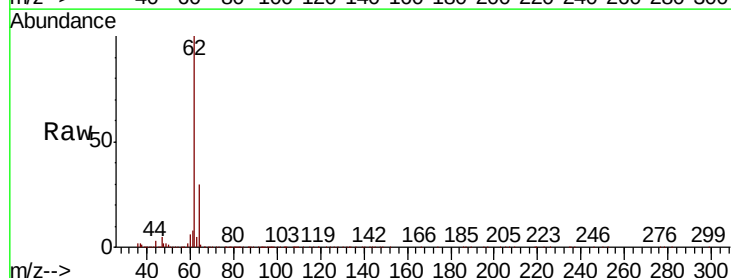
Acq: 31 Aug 2020 23:07

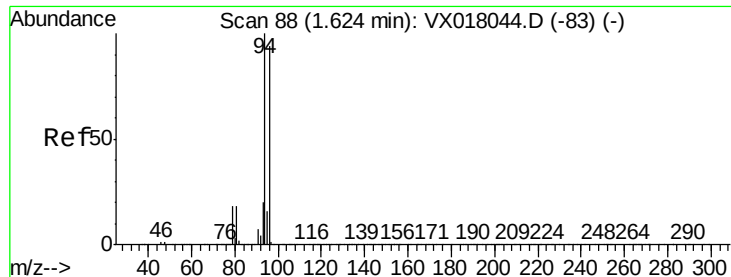
Tgt Ion: 62 Resp: 113075

Ion Ratio Lower Upper

62 100

64 30.0 25.1 37.7





#5

Bromomethane

Concen: 28.013 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX018165.D

Acq: 31 Aug 2020 23:07

Instrument :

MSVOA_X

ClientSampleId :

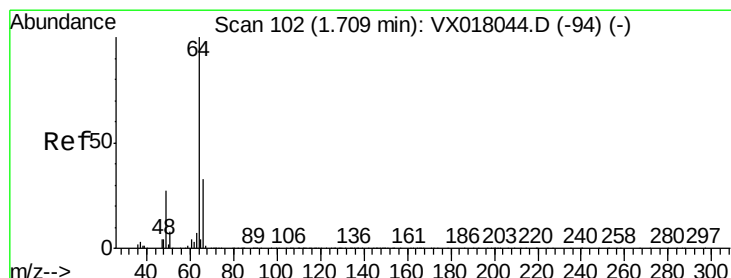
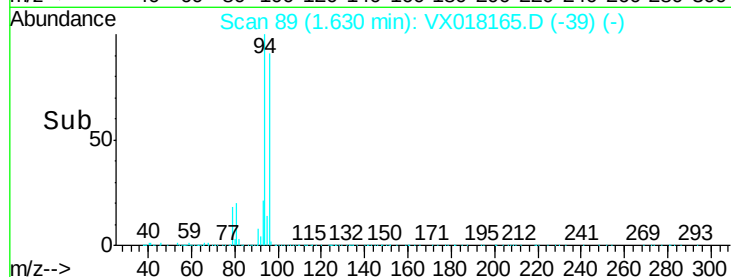
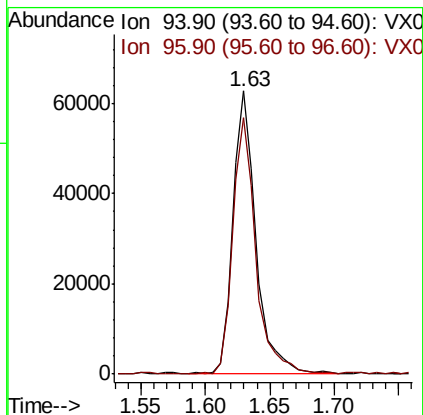
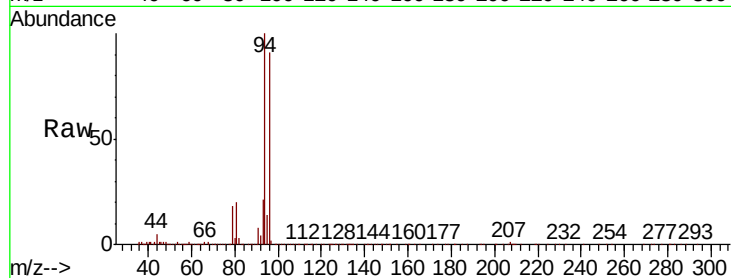
VX0831WBSD02

Tot Ion: 94 Resp: 77821

Ion Ratio Lower Upper

94 100

96 90.7 74.8 112.2



#6

Chloroethane

Concen: 21.239 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX018165.D

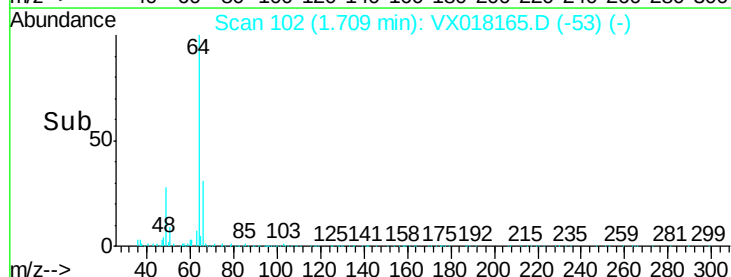
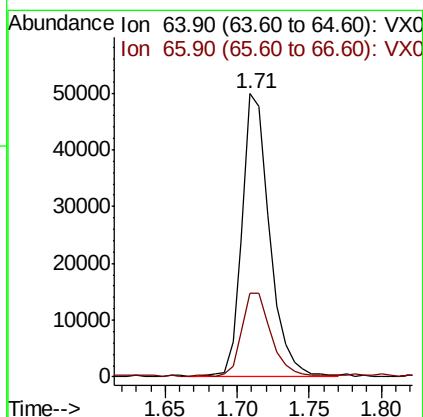
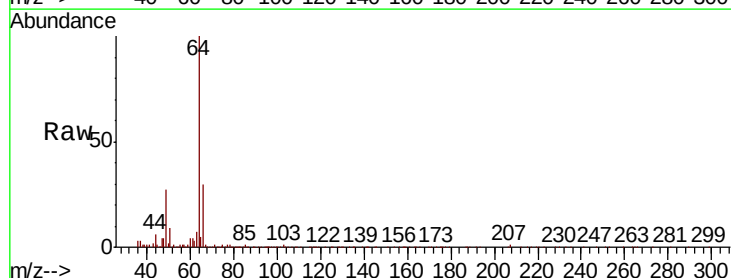
Acq: 31 Aug 2020 23:07

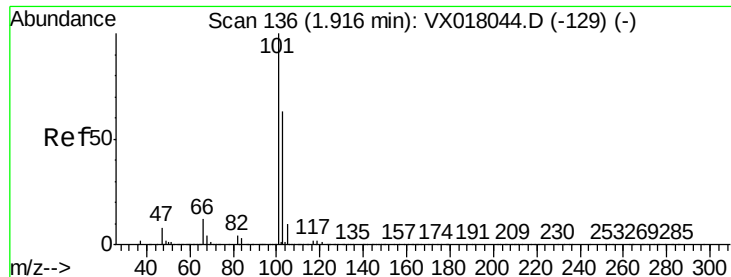
Tgt Ion: 64 Resp: 65700

Ion Ratio Lower Upper

64 100

66 29.4 26.6 39.8



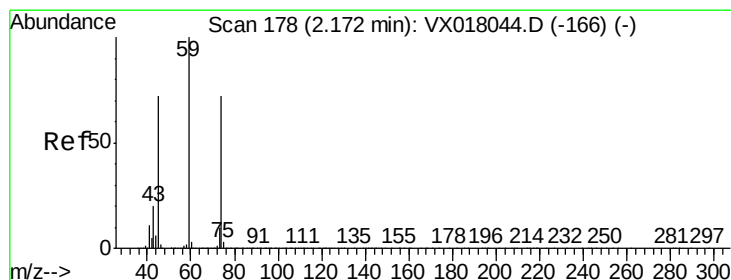
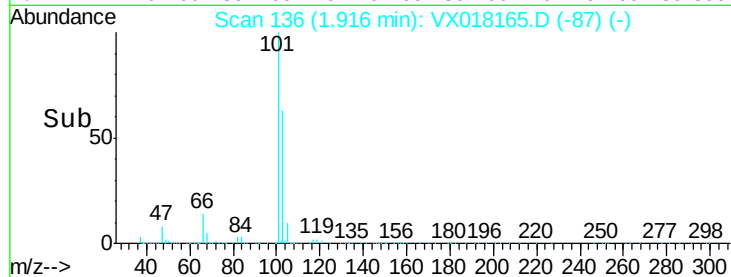
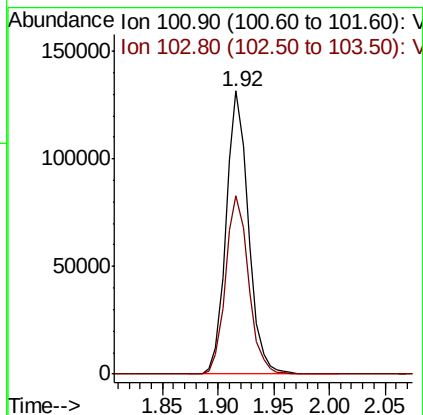
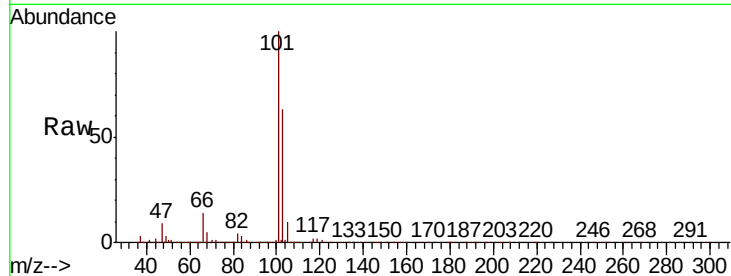


#7

Trichlorofluoromethane
 Concen: 23.221 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. -0.00 min
 Lab File: VX018165.D
 Acq: 31 Aug 2020 23:07

Instrument :
 MSVOA_X
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 VX0831WBSD02

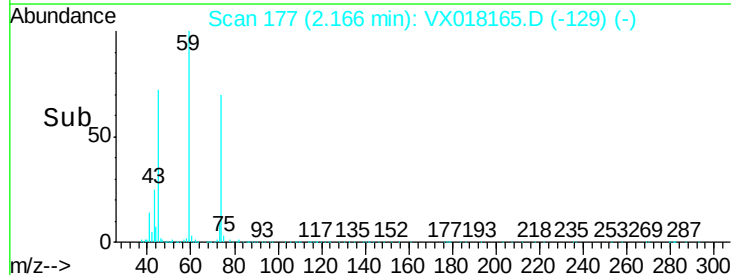
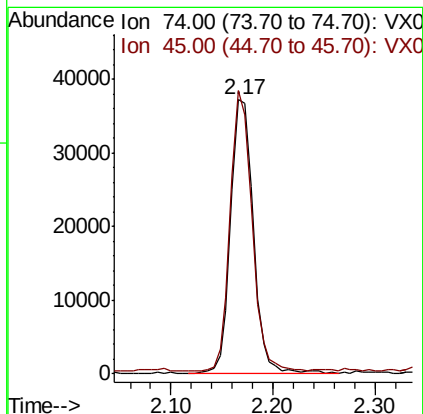
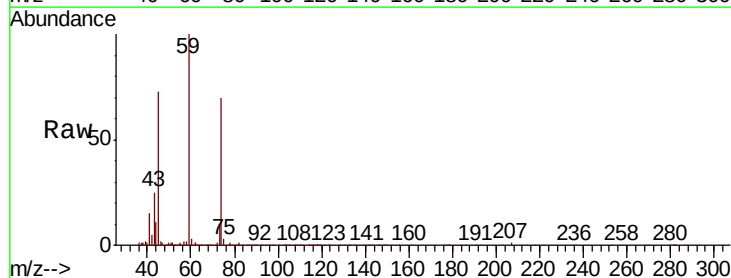
Tot Ion:101 Resp: 182364
 Ion Ratio Lower Upper
 101 100
 103 62.9 50.7 76.1

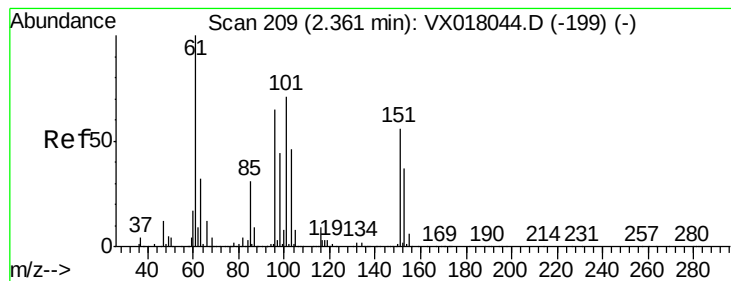


#8

Diethyl Ether
 Concen: 21.632 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.01 min
 Lab File: VX018165.D
 Acq: 31 Aug 2020 23:07

Tgt Ion: 74 Resp: 57614
 Ion Ratio Lower Upper
 74 100
 45 97.6 50.7 152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.344 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX018165.D

Acq: 31 Aug 2020 23:07

Instrument :

MSVOA_X

ClientSampleId :

VX0831WBSD02

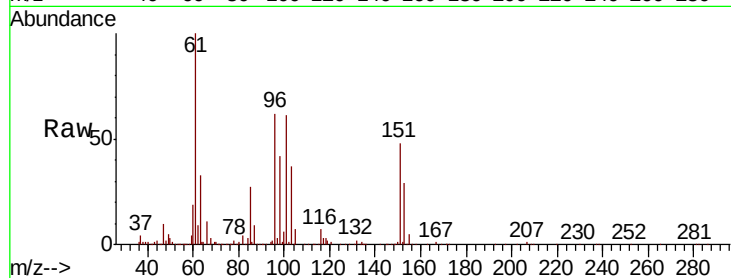
Tot Ion:101 Resp: 90620

Ion Ratio Lower Upper

101 100

85 45.2 34.0 51.0

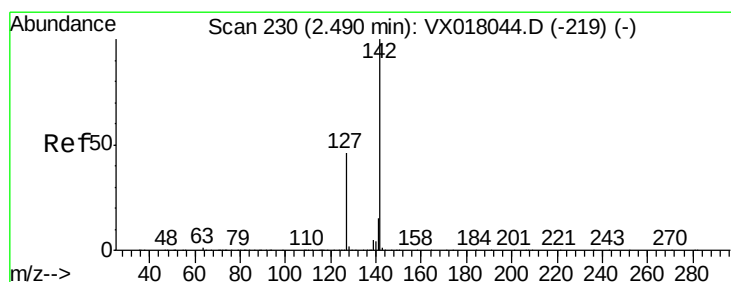
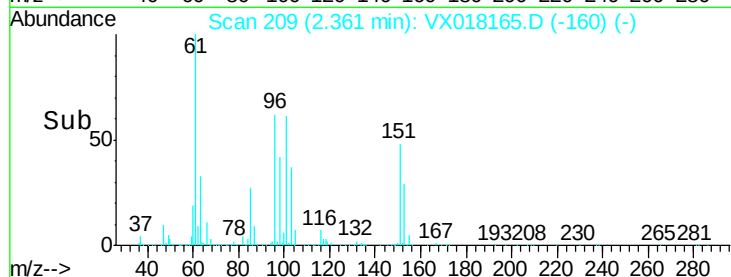
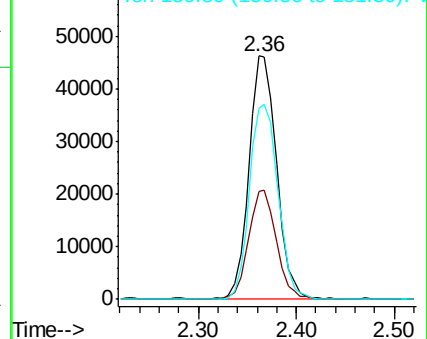
151 82.6 65.2 97.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 24.726 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX018165.D

Acq: 31 Aug 2020 23:07

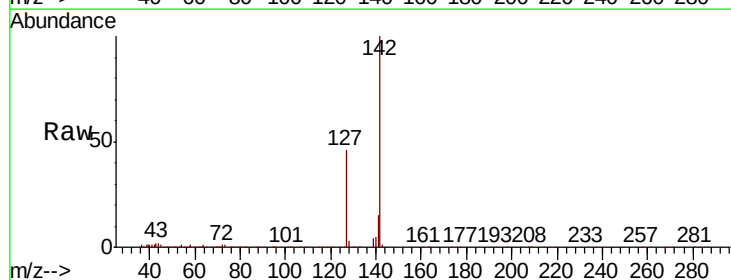
Tgt Ion:142 Resp: 98746

Ion Ratio Lower Upper

142 100

127 46.4 37.0 55.6

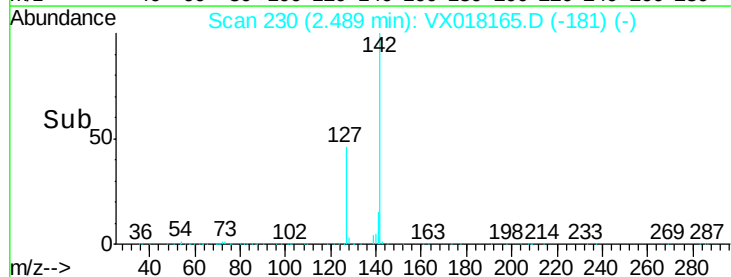
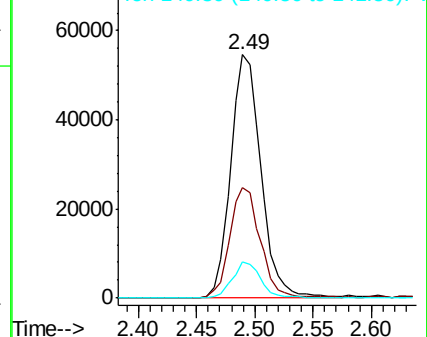
141 14.4 11.5 17.3

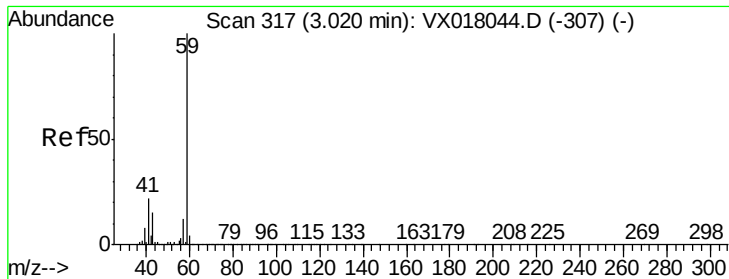


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

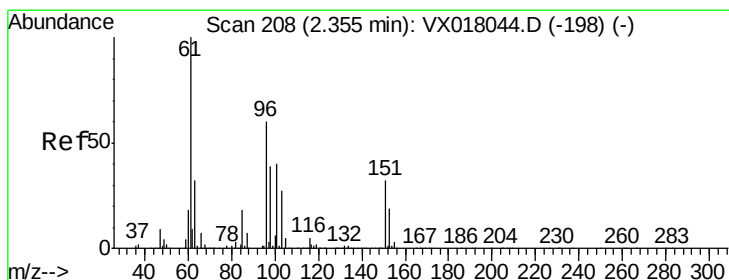
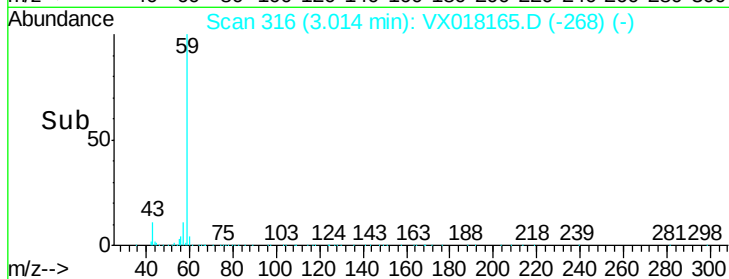
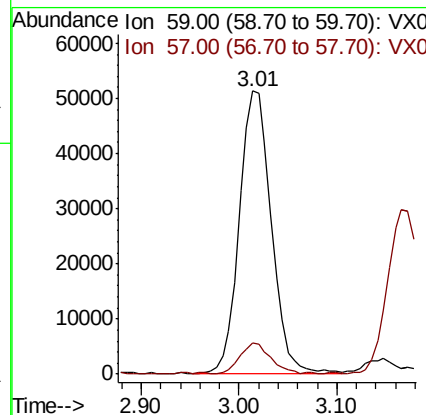
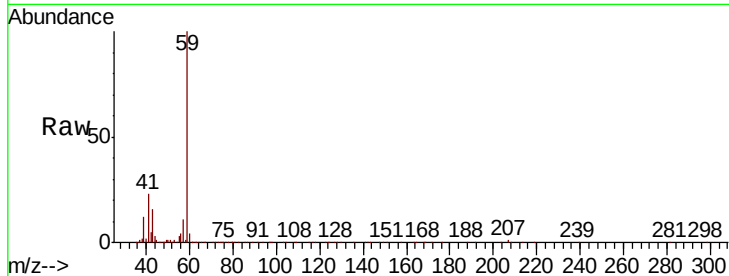




#11
Tert butyl alcohol
Concen: 95.423 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX018165.D
Acq: 31 Aug 2020 23:07

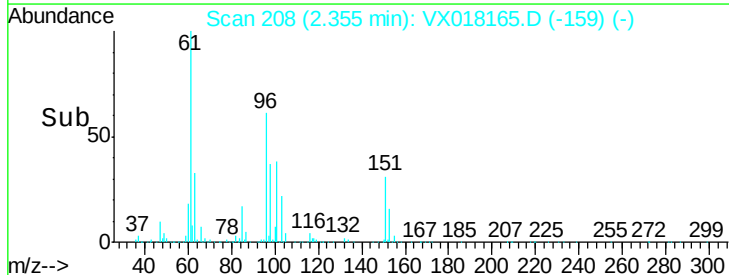
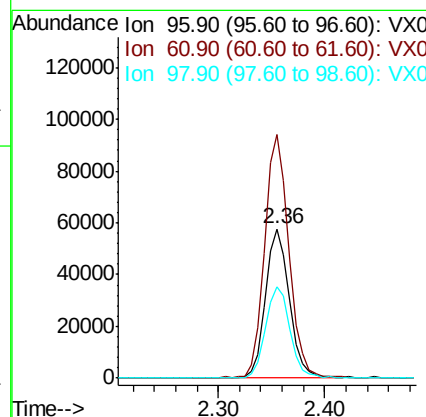
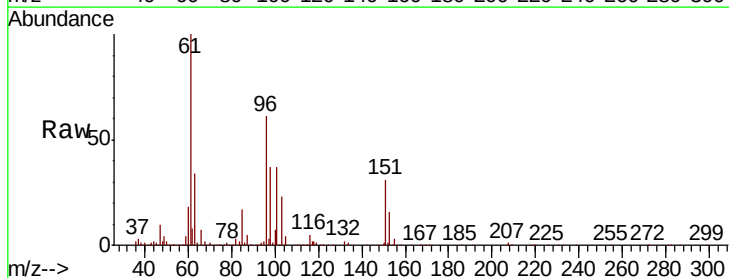
Instrument :
MSVOA_X
ClientSampleId :
VX0831WBSD02

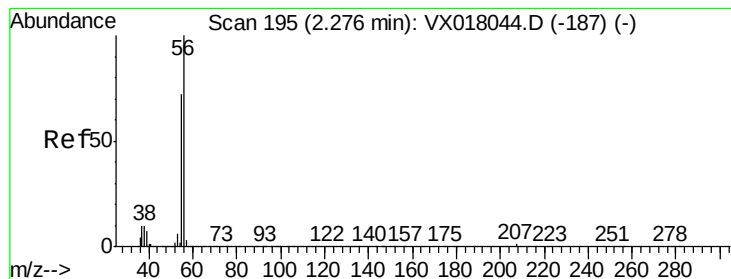
Tot Ion: 59 Resp: 116098
Ion Ratio Lower Upper
59 100
57 10.8 8.9 13.3



#12
1,1-Dichloroethene
Concen: 20.746 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX018165.D
Acq: 31 Aug 2020 23:07

Tgt Ion: 96 Resp: 91385
Ion Ratio Lower Upper
96 100
61 162.9 133.0 199.4
98 60.8 51.6 77.4





#13

Acrolein

Concen: 70.916 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX018165.D

Acq: 31 Aug 2020 23:07

Instrument :

MSVOA_X

ClientSampleId :

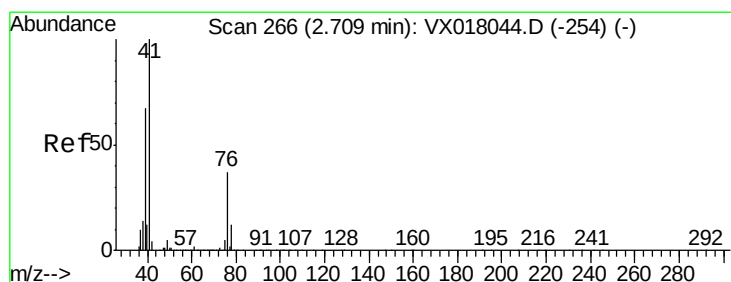
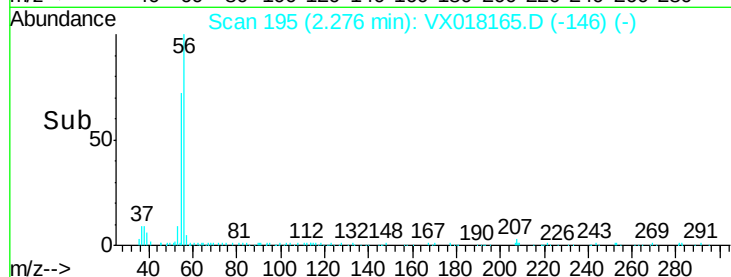
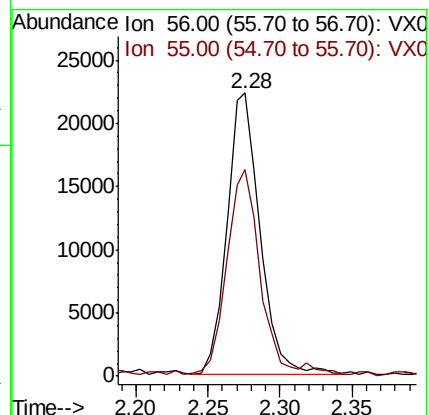
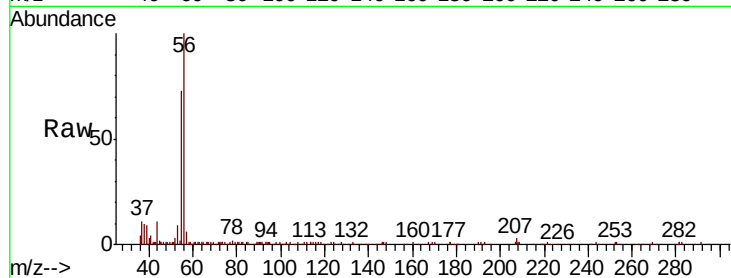
VX0831WBSD02

Tot Ion: 56 Resp: 35776

Ion Ratio Lower Upper

56 100

55 71.9 57.0 85.6



#14

Allyl chloride

Concen: 20.065 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX018165.D

Acq: 31 Aug 2020 23:07

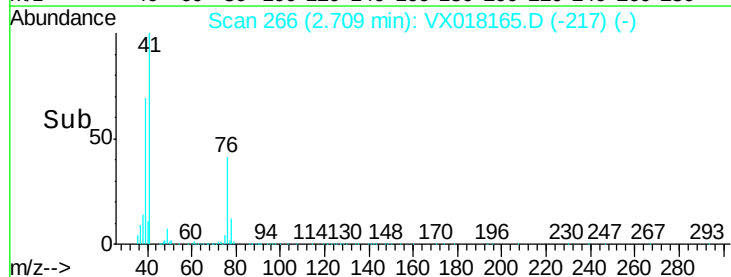
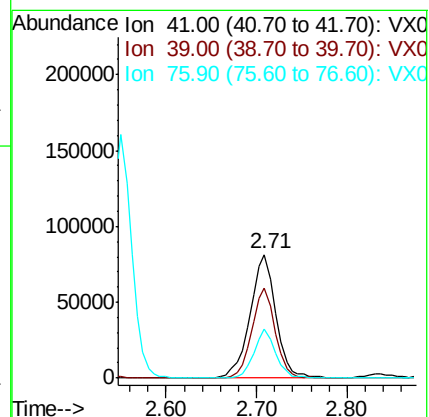
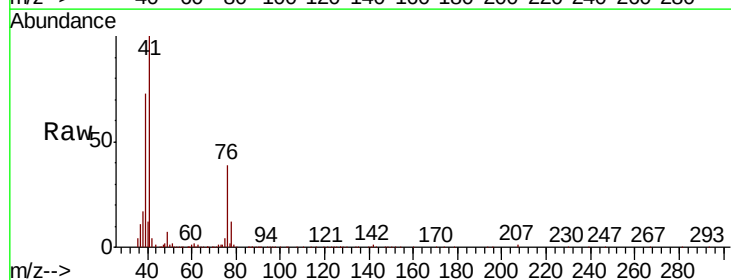
Tgt Ion: 41 Resp: 158793

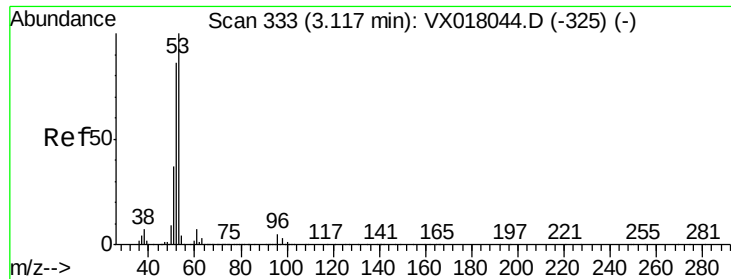
Ion Ratio Lower Upper

41 100

39 65.4 50.6 76.0

76 33.6 26.2 39.2

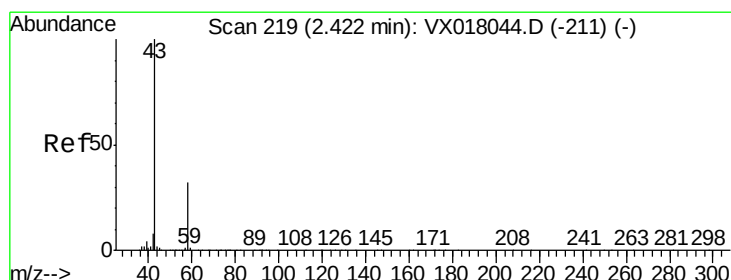
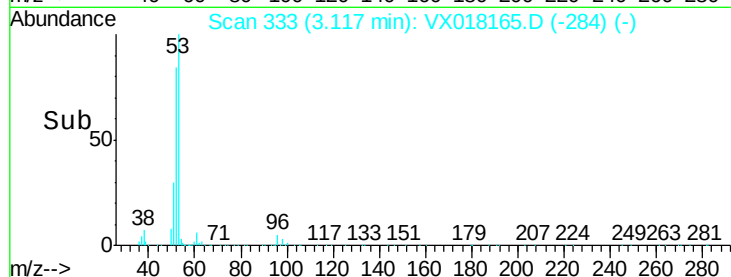
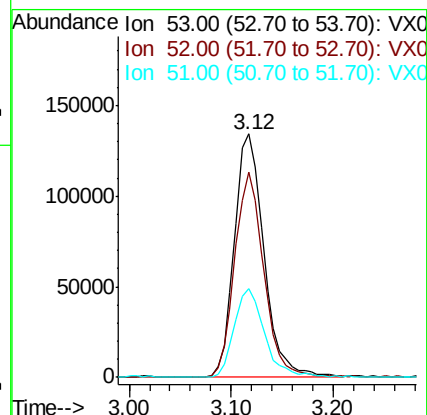
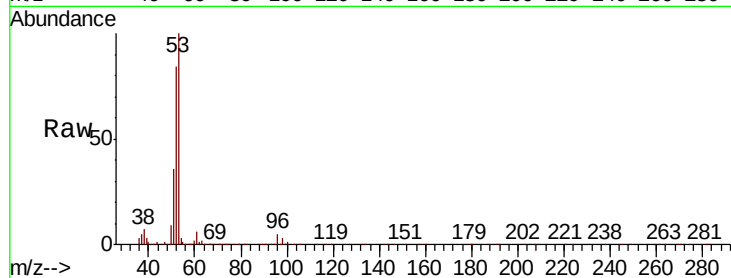




#15
 Acrylonitrile
 Concen: 97.259 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. -0.00 min
 Lab File: VX018165.D
 Acq: 31 Aug 2020 23:07

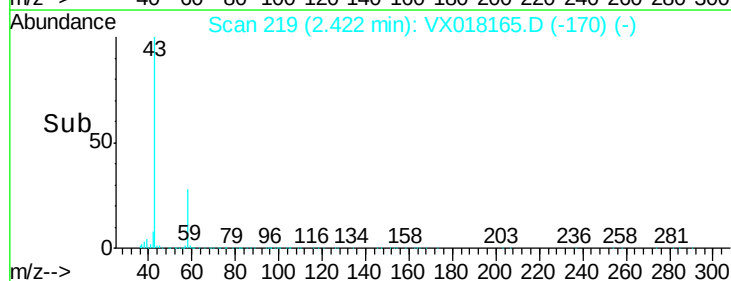
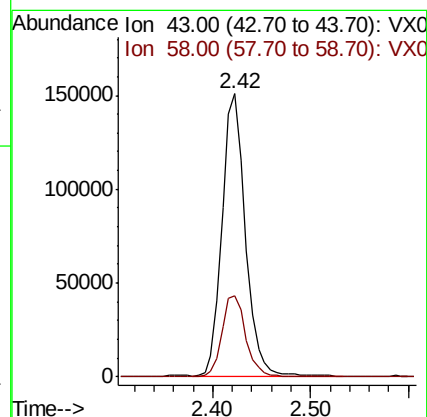
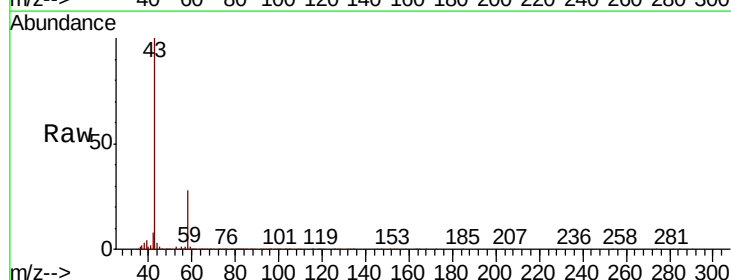
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0831WBSD02

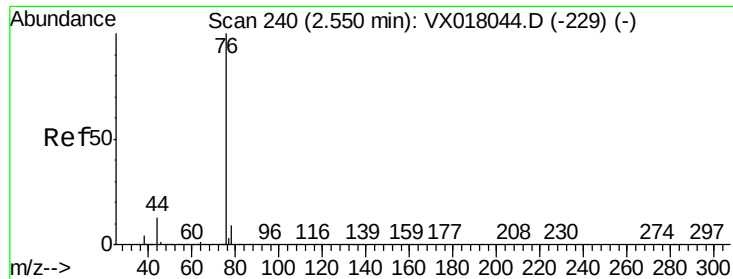
Tot Ion: 53 Resp: 268424
 Ion Ratio Lower Upper
 53 100
 52 83.2 66.9 100.3
 51 37.4 28.7 43.1



#16
 Acetone
 Concen: 101.928 ug/l
 RT: 2.42 min Scan# 219
 Delta R.T. -0.00 min
 Lab File: VX018165.D
 Acq: 31 Aug 2020 23:07

Tgt Ion: 43 Resp: 248530
 Ion Ratio Lower Upper
 43 100
 58 28.6 25.5 38.3





#17

Carbon Disulfide

Concen: 19.004 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX018165.D

Acq: 31 Aug 2020 23:07

Instrument :

MSVOA_X

ClientSampleId :

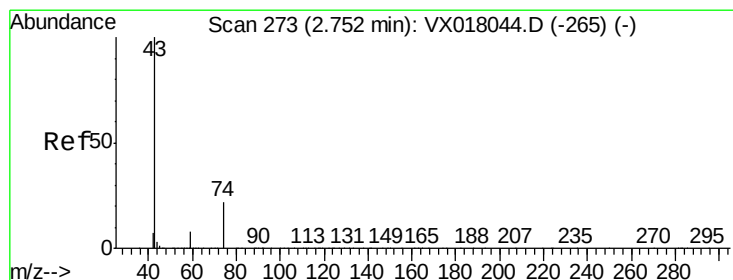
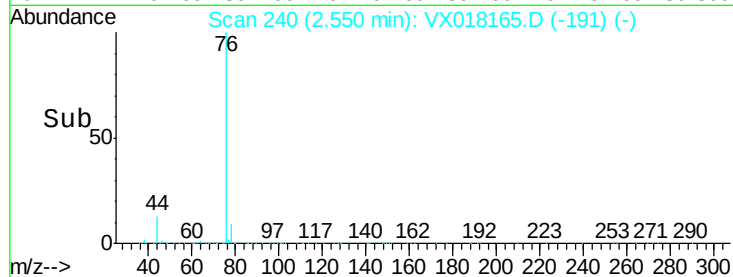
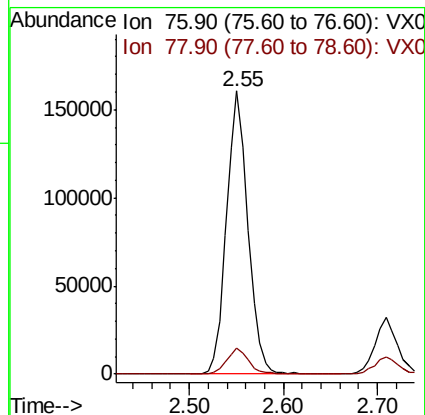
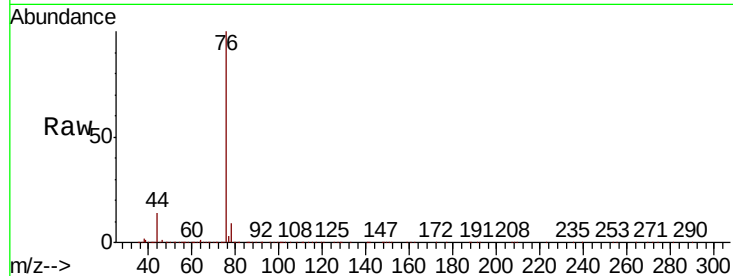
VX0831WBSD02

Tot Ion: 76 Resp: 253050

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.0



#18

Methyl Acetate

Concen: 21.688 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX018165.D

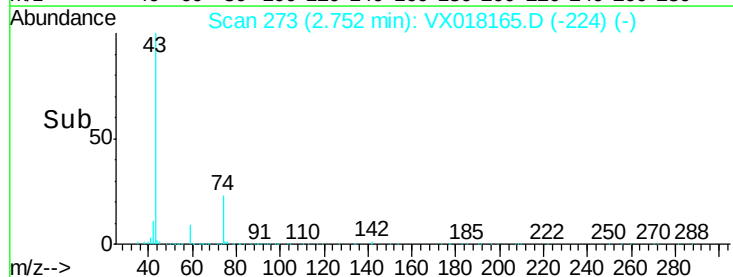
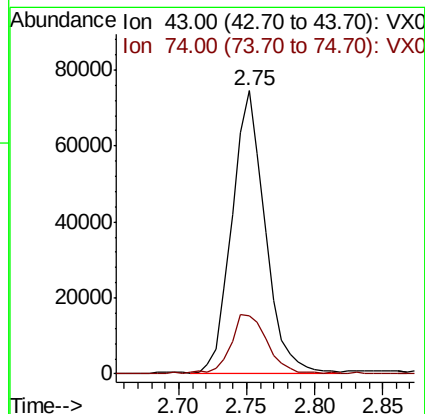
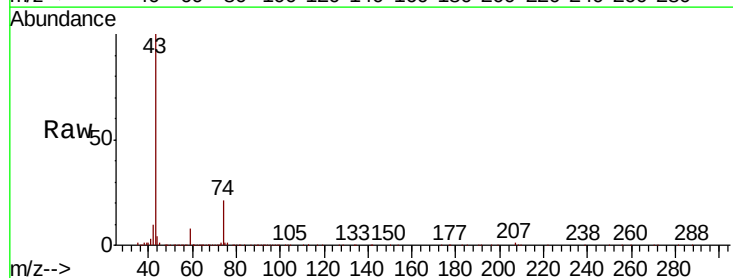
Acq: 31 Aug 2020 23:07

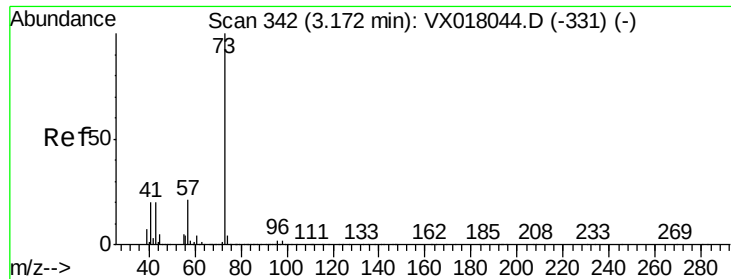
Tgt Ion: 43 Resp: 127610

Ion Ratio Lower Upper

43 100

74 23.0 18.2 27.4

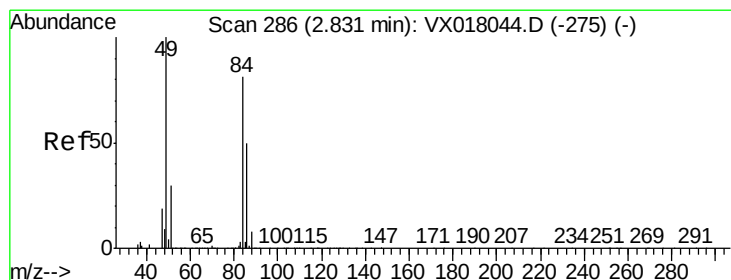
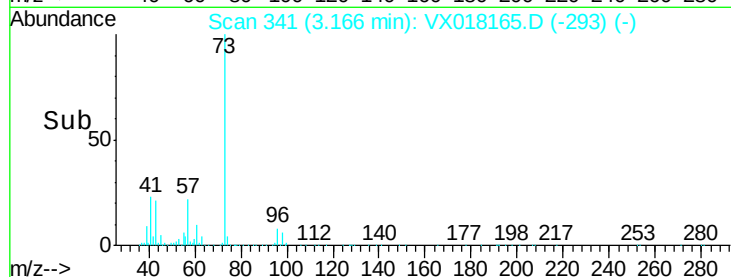
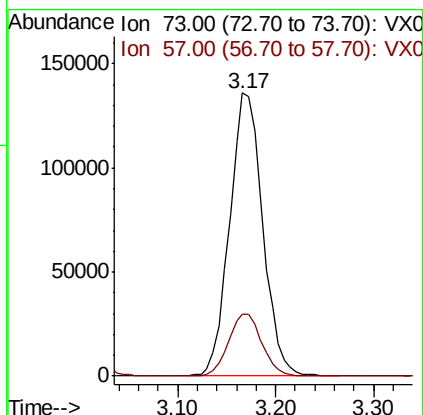
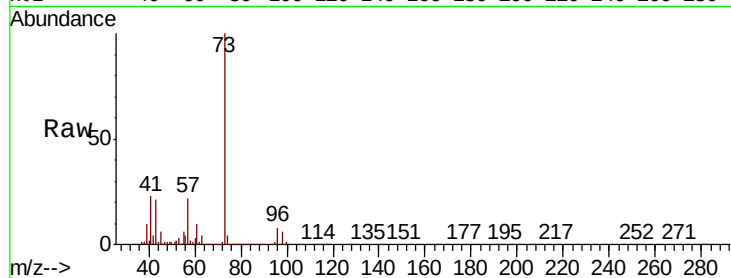




#19
Methyl tert-butyl Ether
Concen: 21.132 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX018165.D
Acq: 31 Aug 2020 23:07

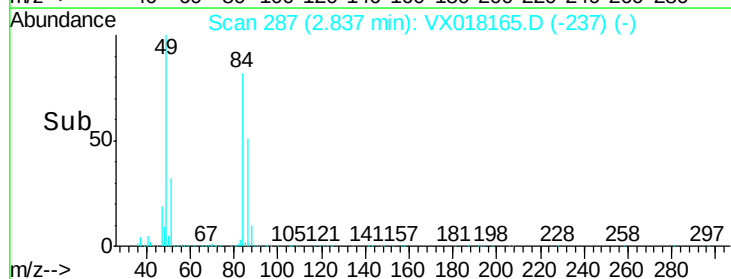
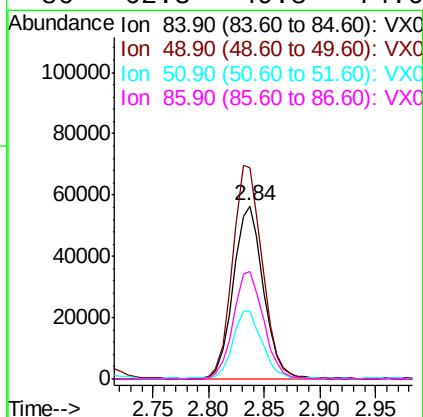
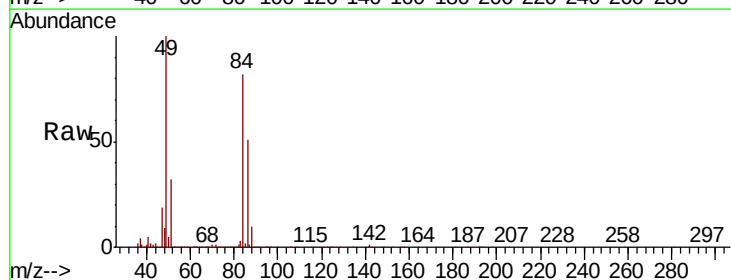
Instrument :
MSVOA_X
ClientSampleId :
VX0831WBSD02

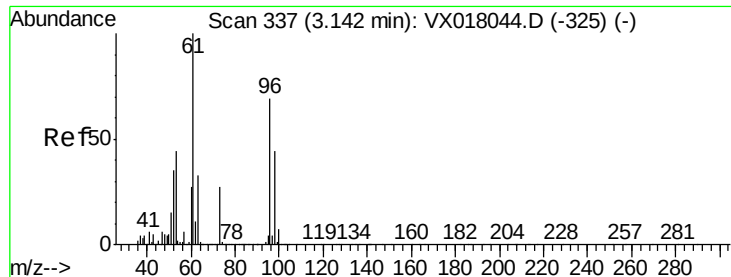
Tot Ion: 73 Resp: 319224
Ion Ratio Lower Upper
73 100
57 22.0 16.8 25.2



#20
Methylene Chloride
Concen: 20.467 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX018165.D
Acq: 31 Aug 2020 23:07

Tgt Ion: 84 Resp: 105478
Ion Ratio Lower Upper
84 100
49 122.2 98.6 148.0
51 39.1 29.6 44.4
86 62.3 49.8 74.6





#21

trans-1,2-Dichloroethene

Concen: 20.149 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018165.D

Acq: 31 Aug 2020 23:07

Instrument :

MSVOA_X

ClientSampleId :

VX0831WBSD02

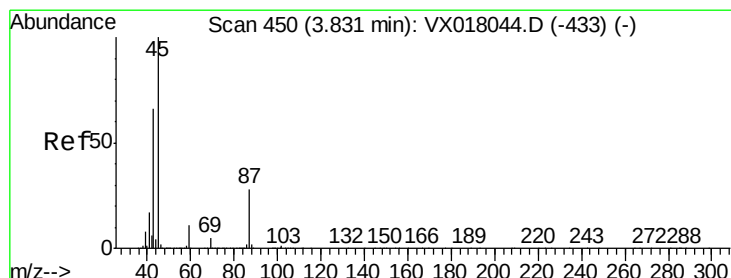
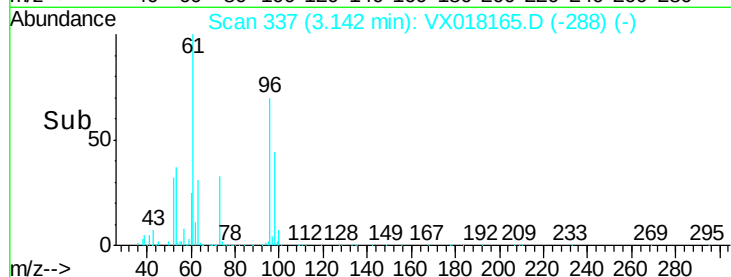
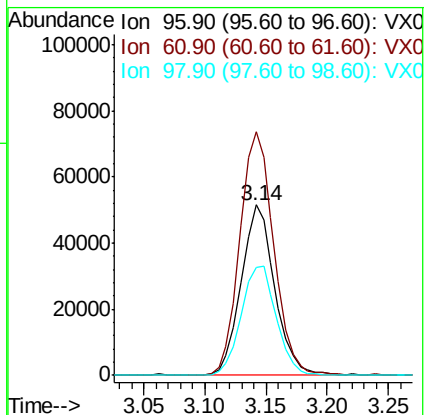
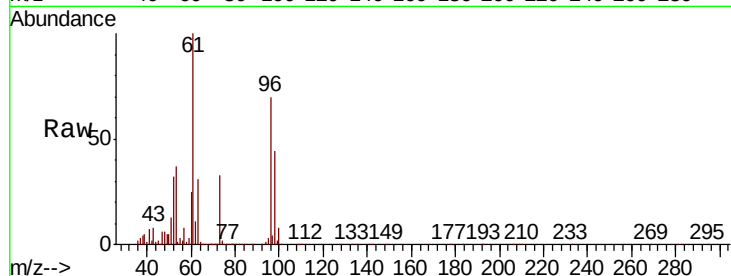
Tot Ion: 96 Resp: 98332

Ion Ratio Lower Upper

96 100

61 142.9 115.4 173.0

98 63.4 51.1 76.7



#22

Diisopropyl ether

Concen: 20.825 ug/l

RT: 3.83 min Scan# 450

Delta R.T. -0.00 min

Lab File: VX018165.D

Acq: 31 Aug 2020 23:07

Tgt Ion: 45 Resp: 325278

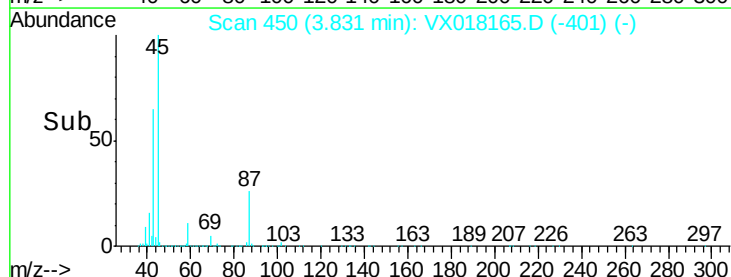
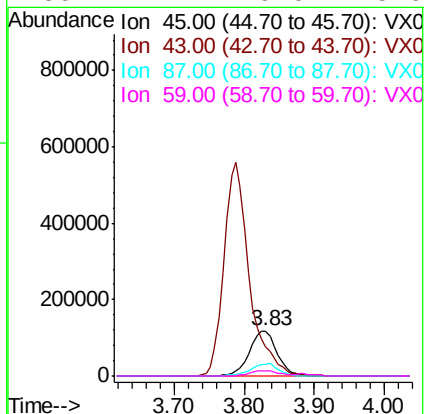
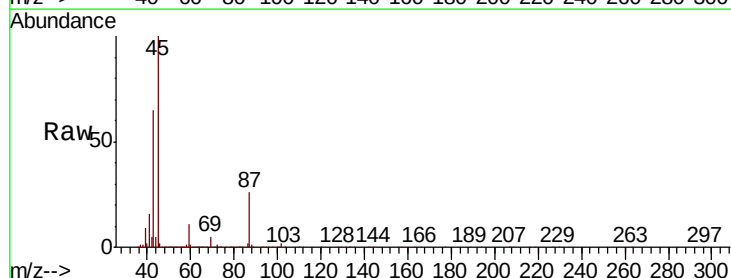
Ion Ratio Lower Upper

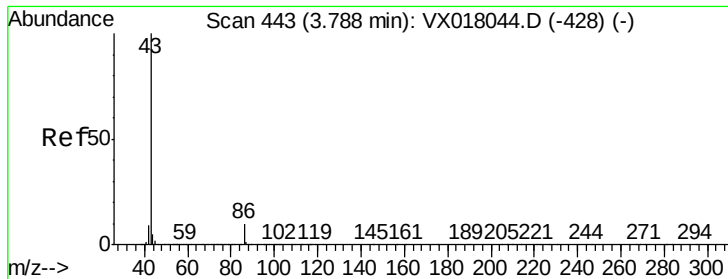
45 100

43 64.9 52.8 79.2

87 26.1 22.5 33.7

59 11.1 9.0 13.6





#23

Vinyl Acetate

Concen: 101.762 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX018165.D

Acq: 31 Aug 2020 23:07

Instrument :

MSVOA_X

ClientSampleId :

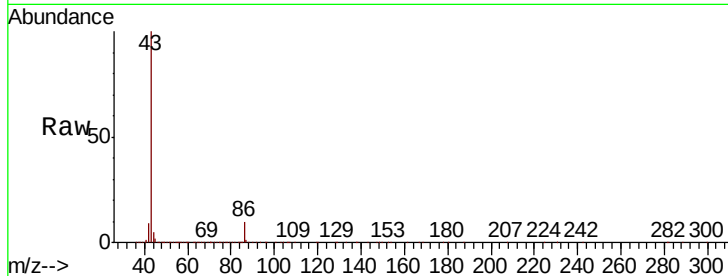
VX0831WBSD02

Tot Ion: 43 Resp: 1414333

Ion Ratio Lower Upper

43 100

86 10.5 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.79

600000

500000

400000

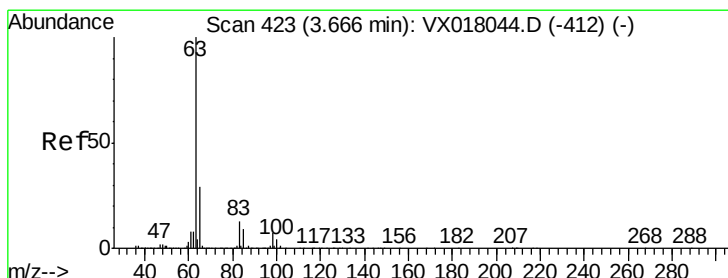
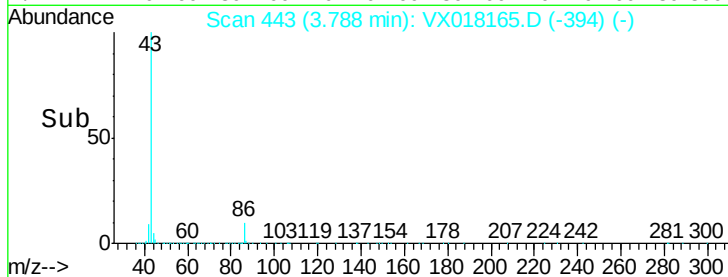
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 20.853 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX018165.D

Acq: 31 Aug 2020 23:07

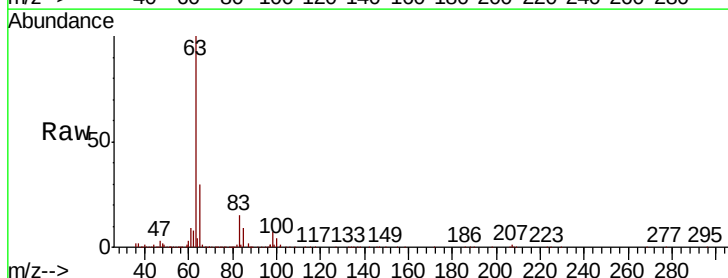
Tgt Ion: 63 Resp: 185409

Ion Ratio Lower Upper

63 100

98 6.5 3.6 10.8

100 4.3 2.0 6.0



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

100000

80000

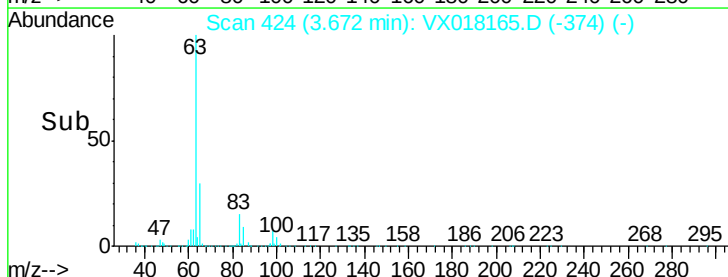
60000

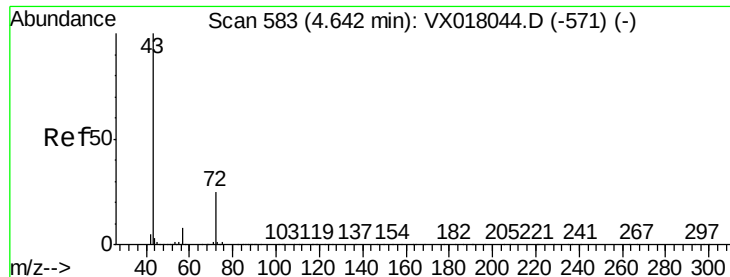
40000

20000

0

Time-->





#25

2-Butanone

Concen: 96.085 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX018165.D

Acq: 31 Aug 2020 23:07

Instrument :

MSVOA_X

ClientSampleId :

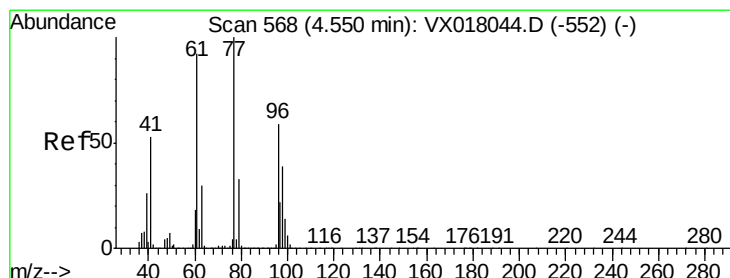
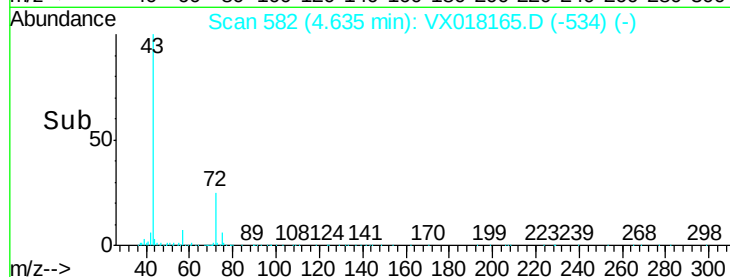
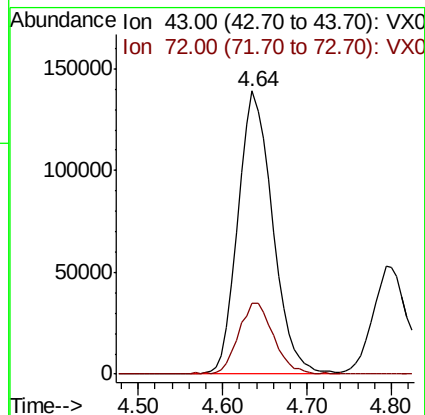
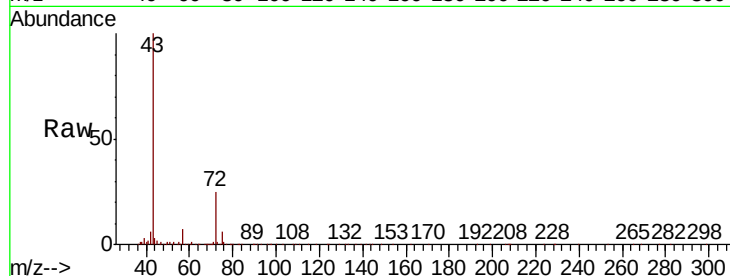
VX0831WBSD02

Tot Ion: 43 Resp: 385035

Ion Ratio Lower Upper

43 100

72 24.7 19.8 29.6



#26

2,2-Dichloropropane

Concen: 17.648 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX018165.D

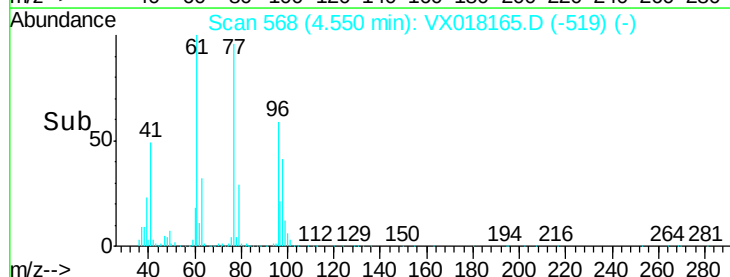
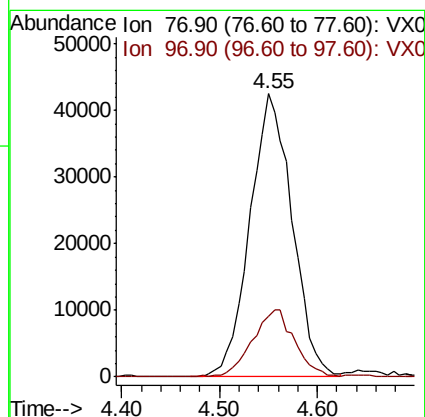
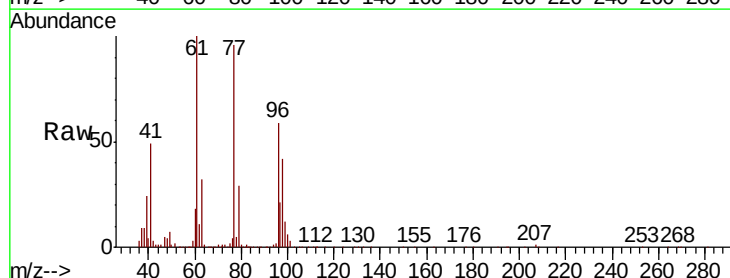
Acq: 31 Aug 2020 23:07

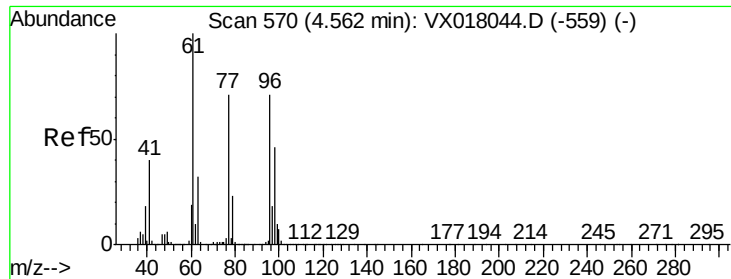
Tgt Ion: 77 Resp: 127675

Ion Ratio Lower Upper

77 100

97 23.9 11.5 34.5



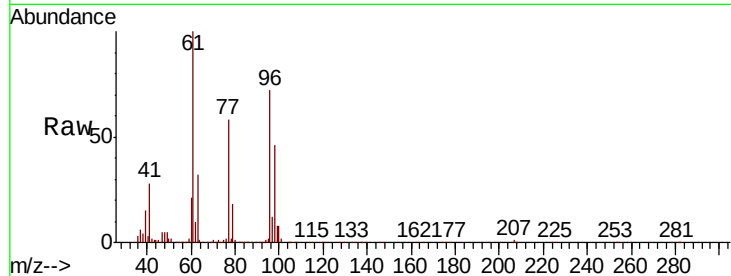


#27

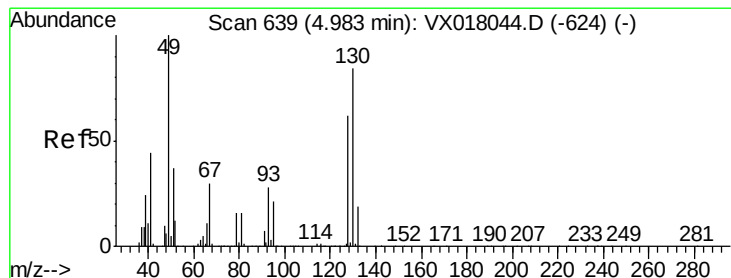
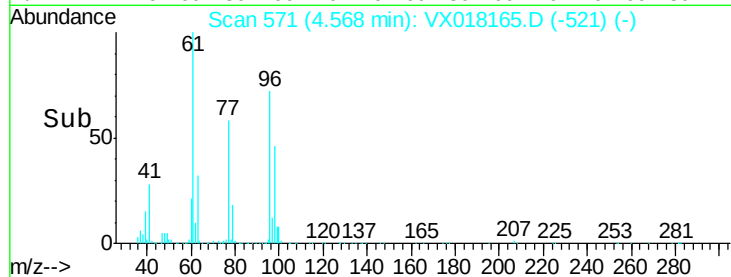
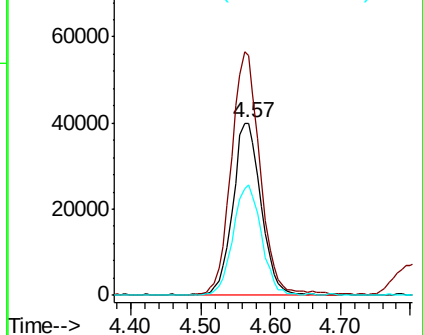
cis-1,2-Dichloroethene
Concen: 20.032 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.01 min
Lab File: VX018165.D
Acq: 31 Aug 2020 23:07

Instrument :
MSVOA_X
ClientSampleId :
VX0831WBSD02

Tot Ion	Ratio	Lower	Upper
96	100		
61	144.4	0.0	296.6
98	63.8	0.0	130.2



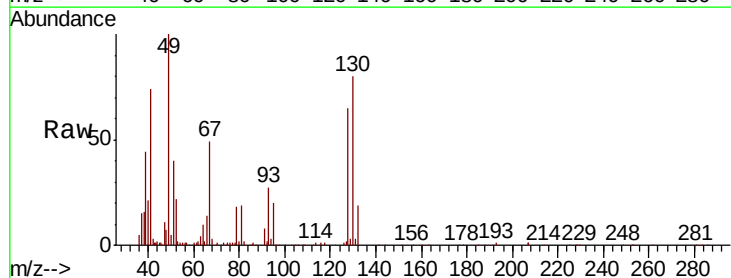
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



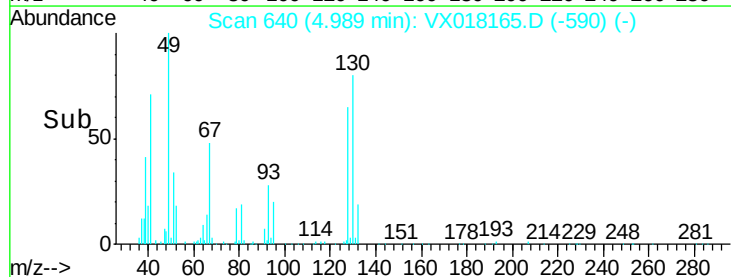
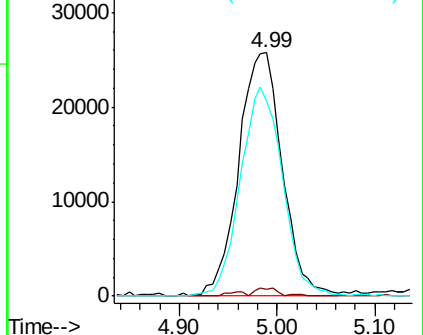
#28

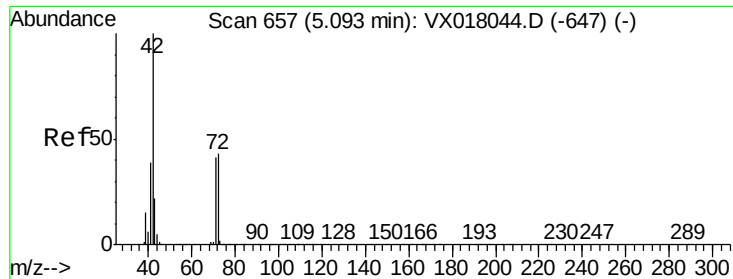
Bromochloromethane
Concen: 18.383 ug/l
RT: 4.99 min Scan# 640
Delta R.T. 0.01 min
Lab File: VX018165.D
Acq: 31 Aug 2020 23:07

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	4.6
130	83.9	64.6	96.8



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 95.642 ug/l

RT: 5.09 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX018165.D

Acq: 31 Aug 2020 23:07

Instrument :

MSVOA_X

ClientSampleId :

VX0831WBSD02

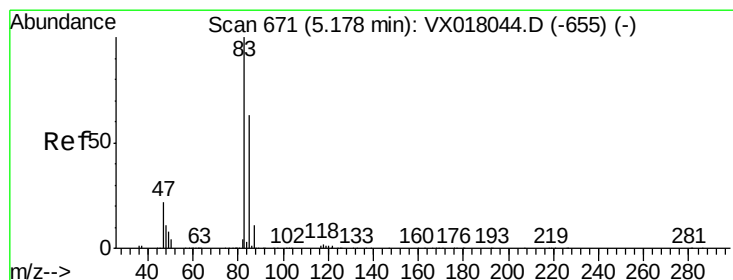
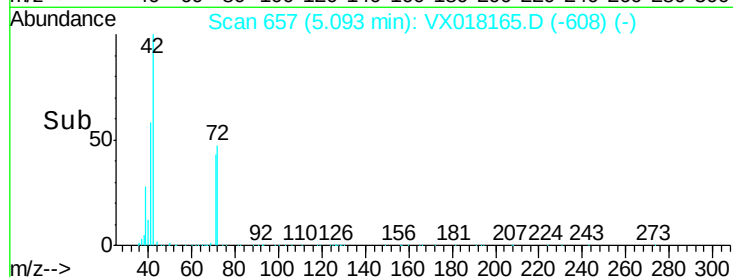
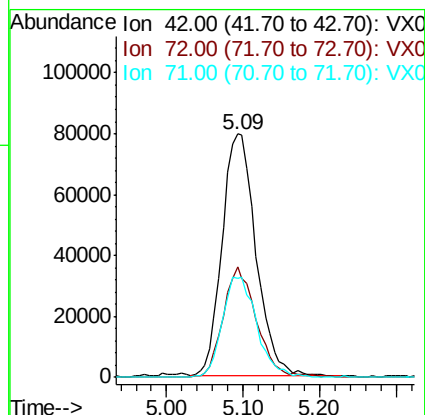
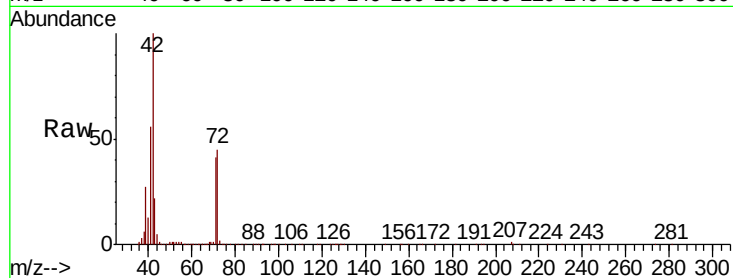
Tot Ion: 42 Resp: 243976

Ion Ratio Lower Upper

42 100

72 44.9 34.2 51.4

71 42.1 32.1 48.1



#30

Chloroform

Concen: 20.997 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.00 min

Lab File: VX018165.D

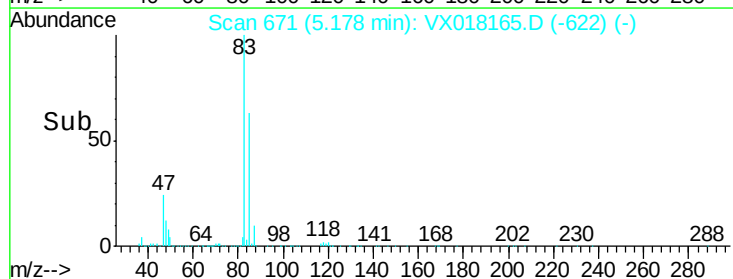
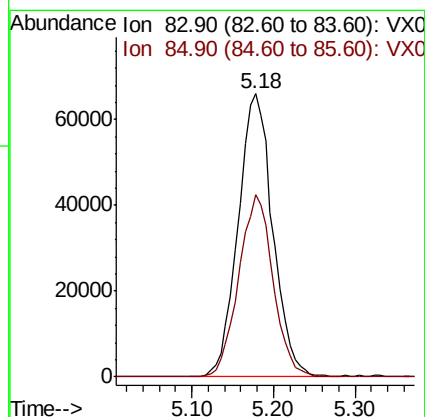
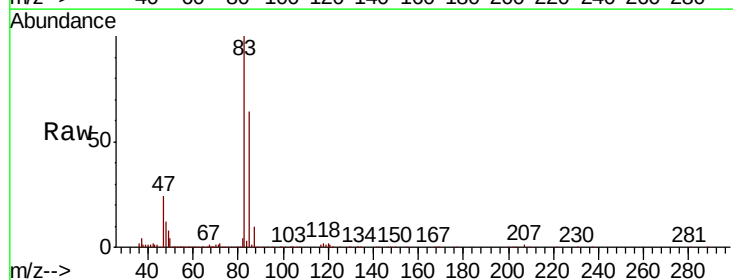
Acq: 31 Aug 2020 23:07

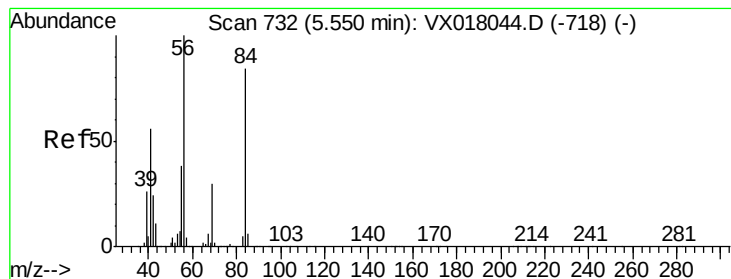
Tgt Ion: 83 Resp: 193310

Ion Ratio Lower Upper

83 100

85 64.3 50.7 76.1





#31

Cyclohexane

Concen: 19.792 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX018165.D

Acq: 31 Aug 2020 23:07

Instrument :

MSVOA_X

ClientSampleId :

VX0831WBSD02

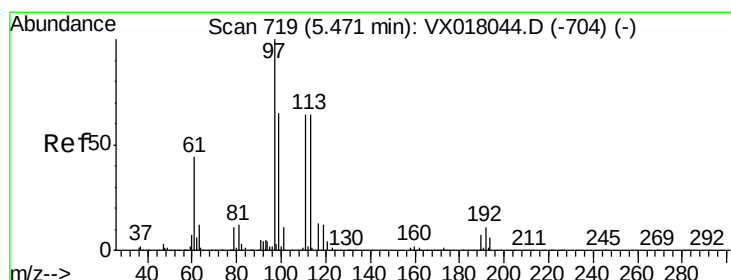
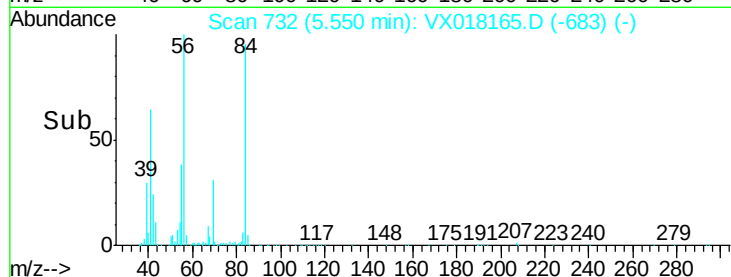
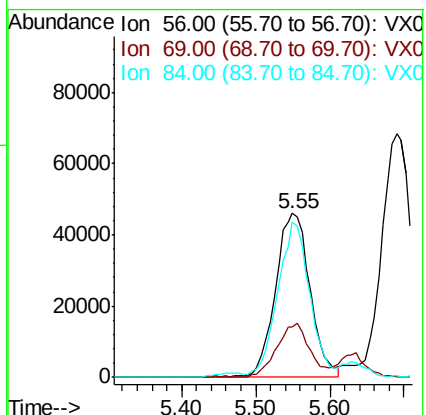
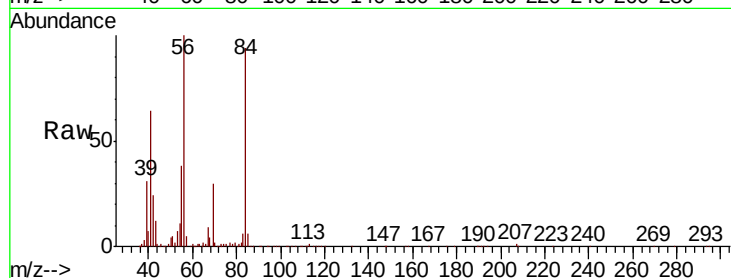
Tot Ion: 56 Resp: 148236

Ion Ratio Lower Upper

56 100

69 30.1 23.9 35.9

84 94.0 67.0 100.4



#32

1,1,1-Trichloroethane

Concen: 21.635 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX018165.D

Acq: 31 Aug 2020 23:07

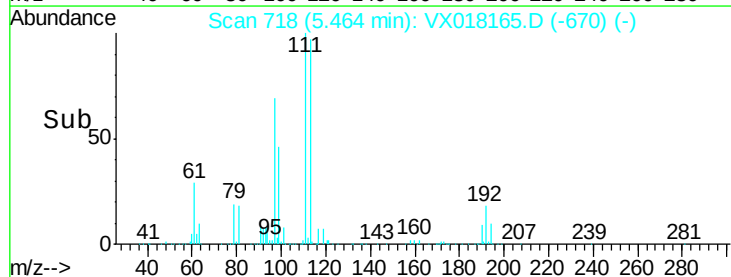
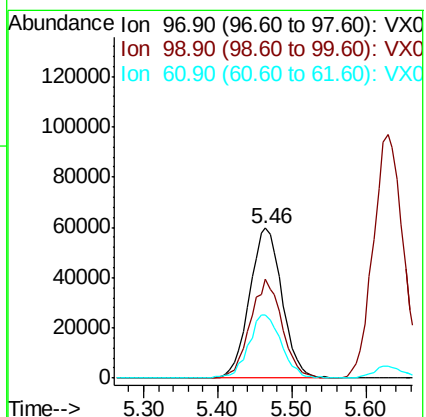
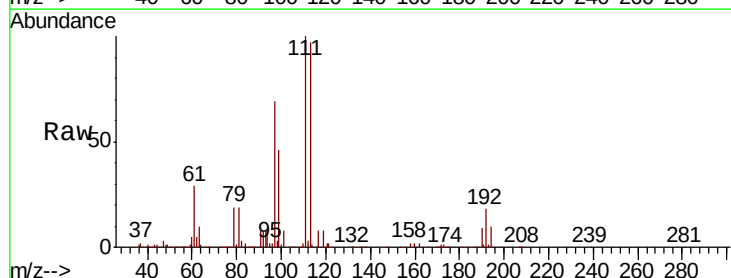
Tgt Ion: 97 Resp: 182792

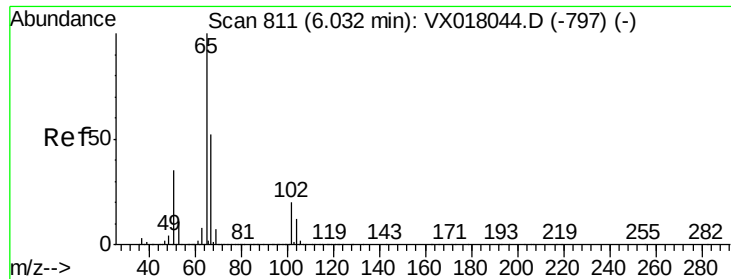
Ion Ratio Lower Upper

97 100

99 64.5 51.4 77.0

61 42.4 34.2 51.4

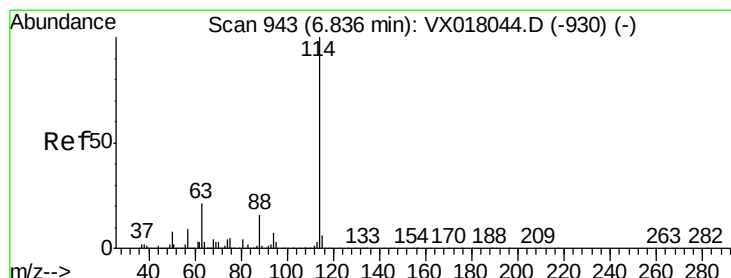
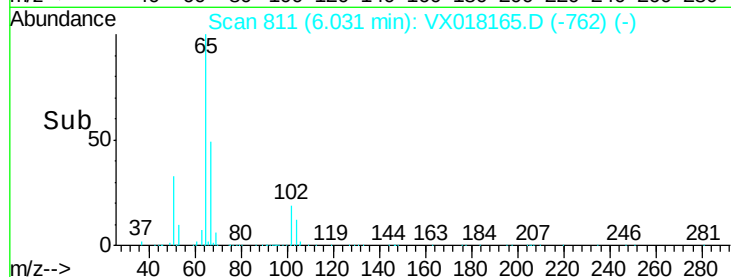
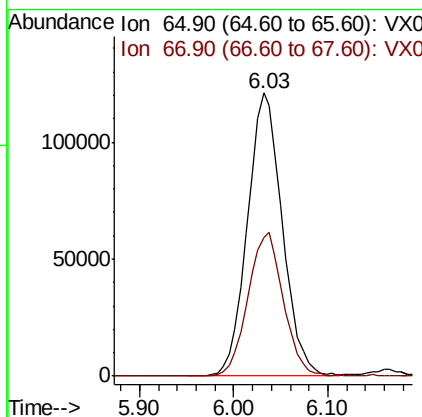
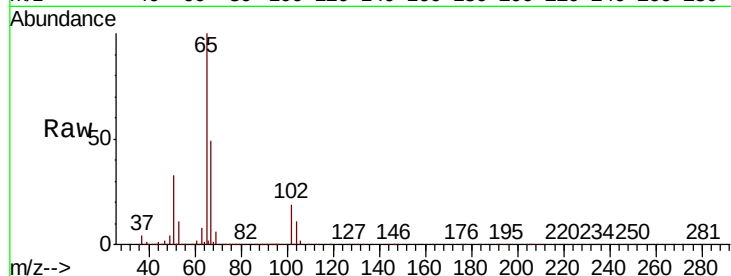




#33
 1,2-Dichloroethane-d4
 Concen: 50.144 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX018165.D
 Acq: 31 Aug 2020 23:07

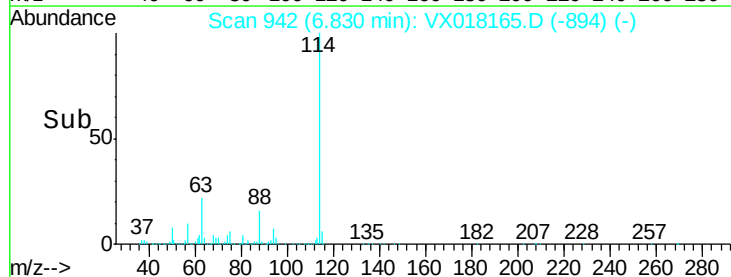
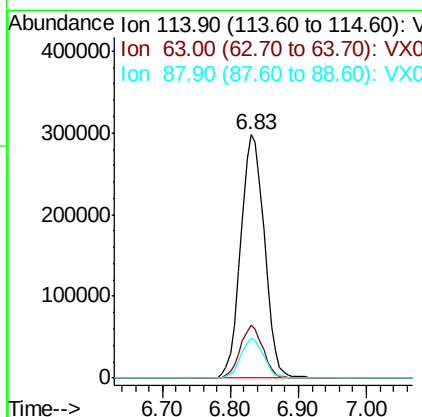
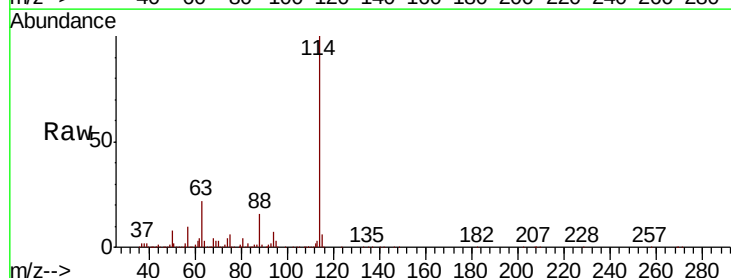
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0831WBSD02

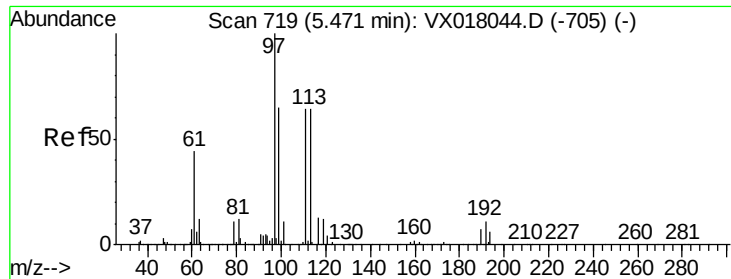
Tot Ion: 65 Resp: 313770
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: VX018165.D
 Acq: 31 Aug 2020 23:07

Tgt Ion: 114 Resp: 721310
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 42.6
 88 16.2 0.0 31.8

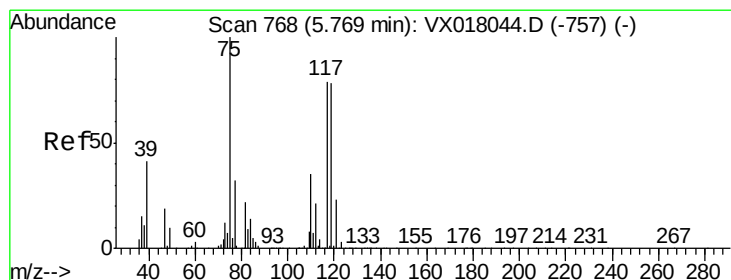
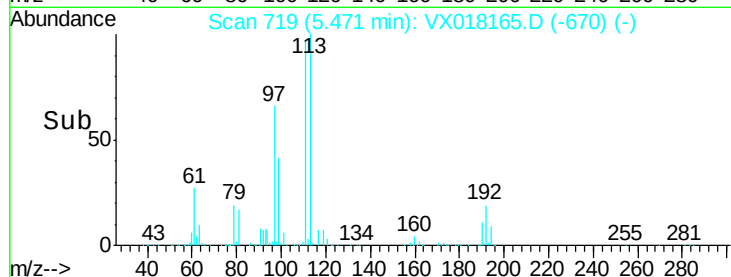
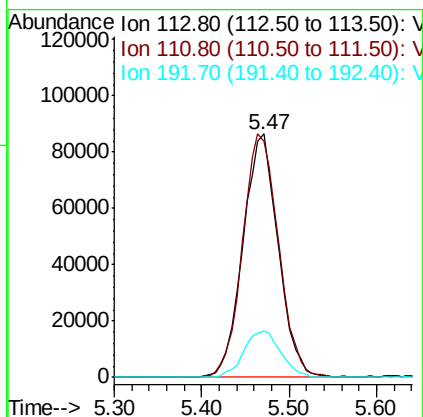
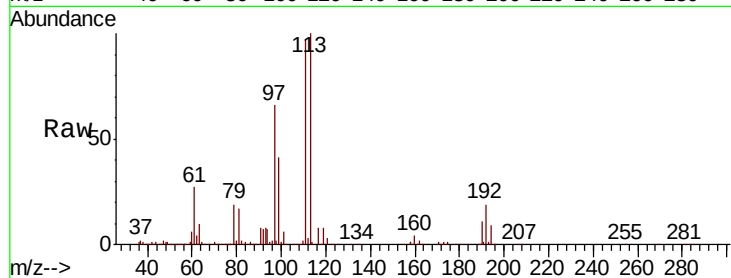




#35
 Dibromofluoromethane
 Concen: 49.004 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. -0.00 min
 Lab File: VX018165.D
 Acq: 31 Aug 2020 23:07

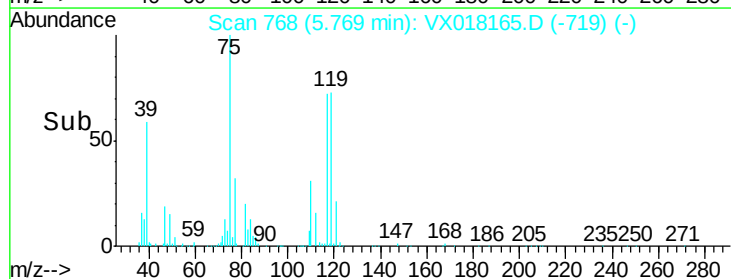
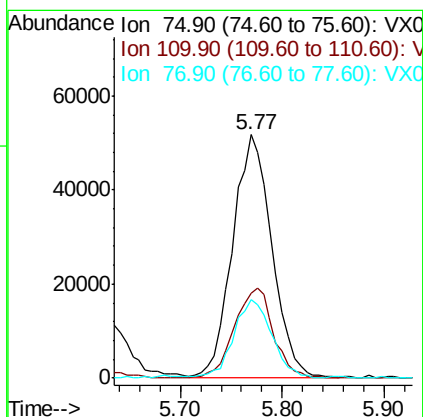
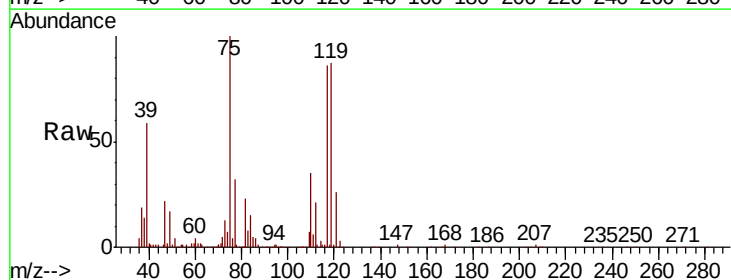
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0831WBSD02

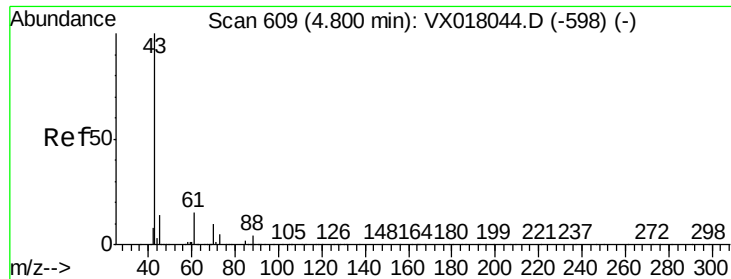
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.6	122.4
192	20.1	15.8	23.8



#36
 1,1-Dichloropropene
 Concen: 20.573 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX018165.D
 Acq: 31 Aug 2020 23:07

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.1	18.0	54.0
77	31.9	24.4	36.6

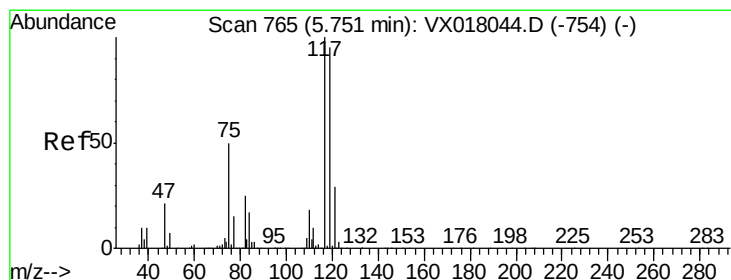
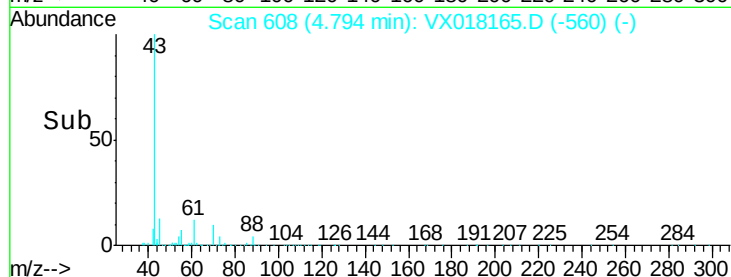
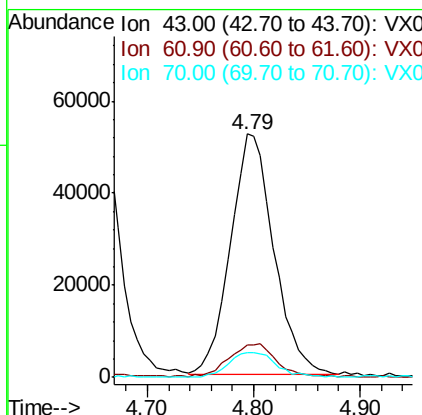
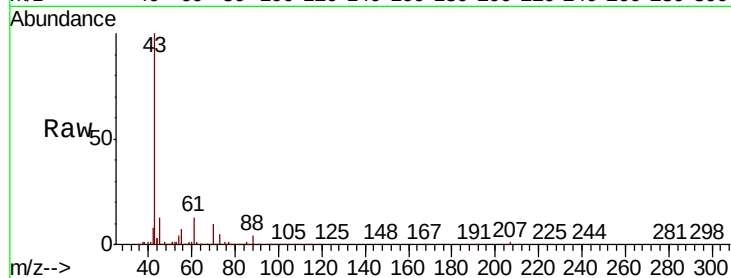




#37
Ethyl Acetate
Concen: 19.319 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX018165.D
Acq: 31 Aug 2020 23:07

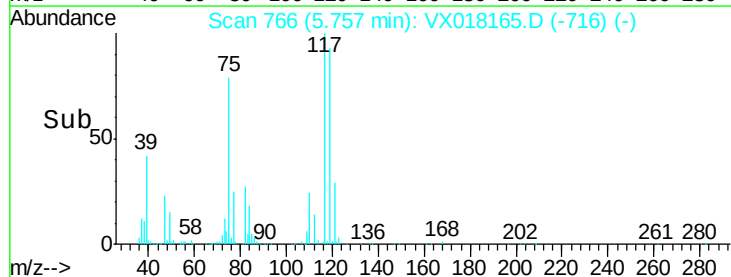
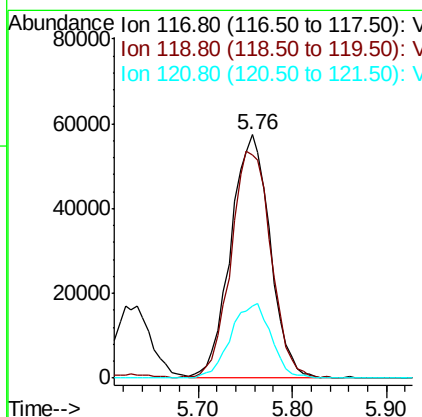
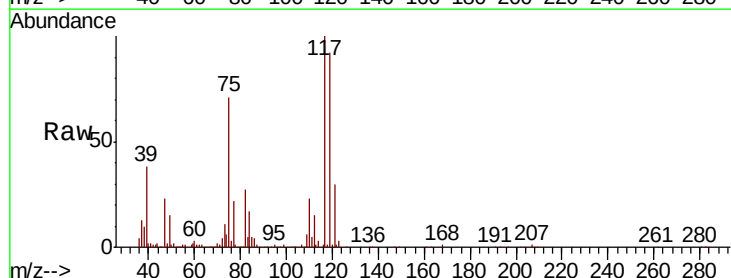
Instrument :
MSVOA_X
ClientSampleId :
VX0831WBSD02

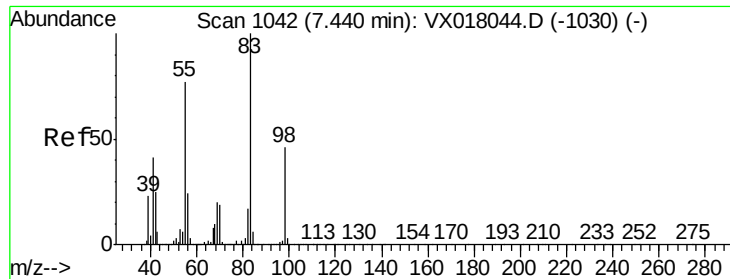
Tot Ion: 43 Resp: 149280
Ion Ratio Lower Upper
43 100
61 14.2 11.3 16.9
70 11.5 8.2 12.4



#38
Carbon Tetrachloride
Concen: 22.410 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX018165.D
Acq: 31 Aug 2020 23:07

Tgt Ion: 117 Resp: 168022
Ion Ratio Lower Upper
117 100
119 91.6 75.8 113.6
121 29.6 23.4 35.0

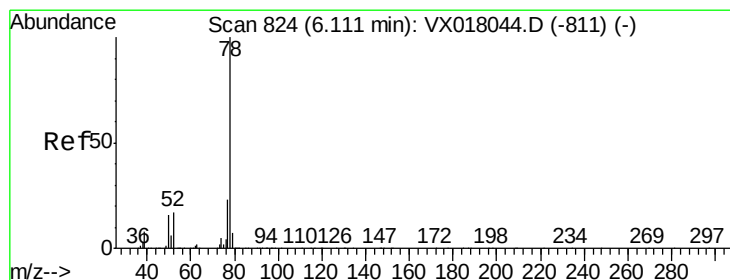
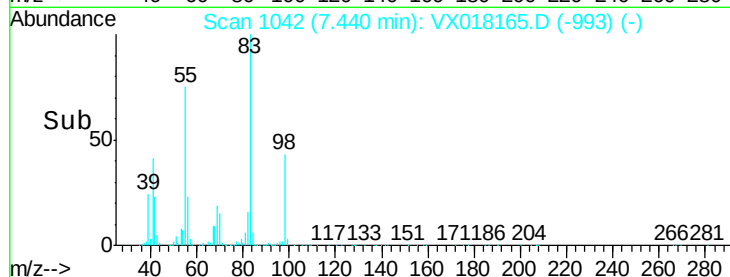
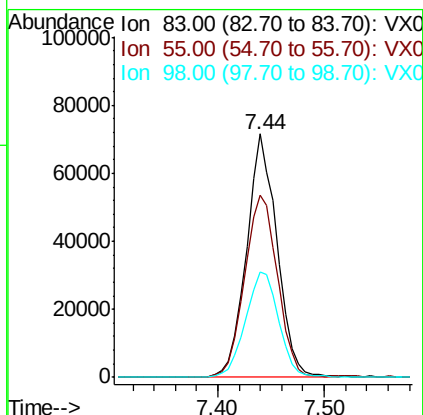
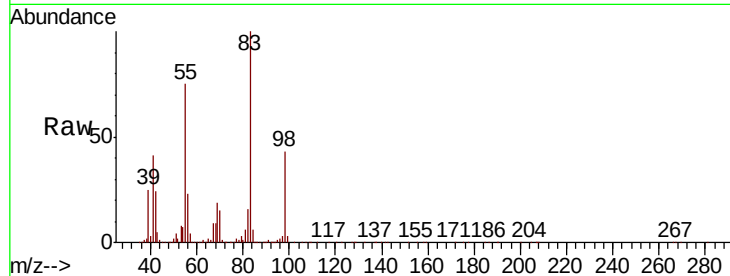




#39
Methylvlcyclohexane
Concen: 19.826 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX018165.D
Acq: 31 Aug 2020 23:07

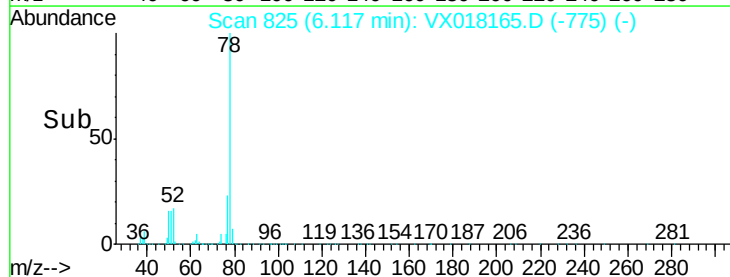
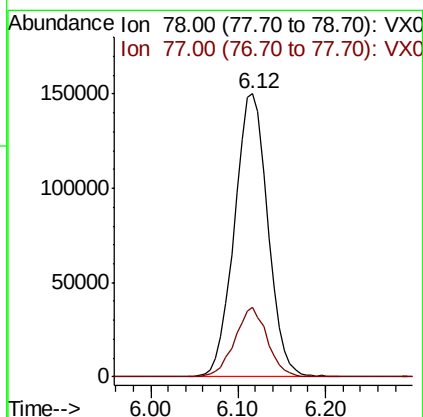
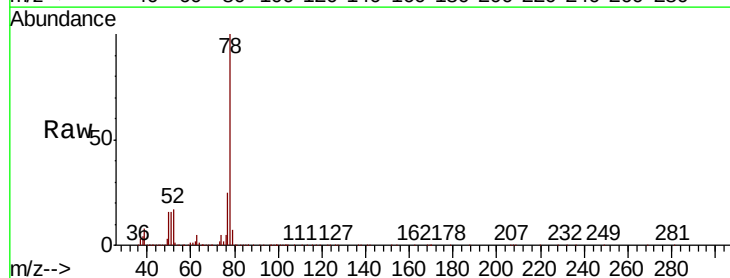
Instrument :
MSVOA_X
ClientSampleId :
VX0831WBSD02

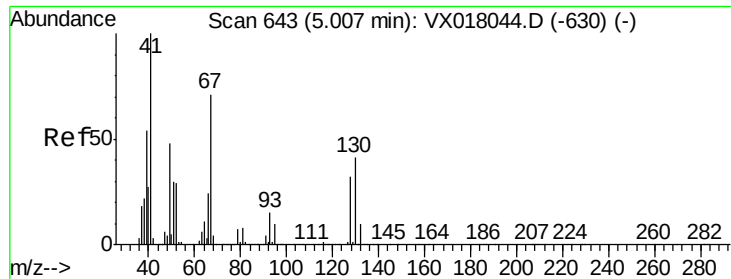
Tot Ion: 83 Resp: 144234
Ion Ratio Lower Upper
83 100
55 74.6 61.8 92.6
98 43.2 36.6 55.0



#40
Benzene
Concen: 20.376 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX018165.D
Acq: 31 Aug 2020 23:07

Tgt Ion: 78 Resp: 398339
Ion Ratio Lower Upper
78 100
77 24.4 18.2 27.2

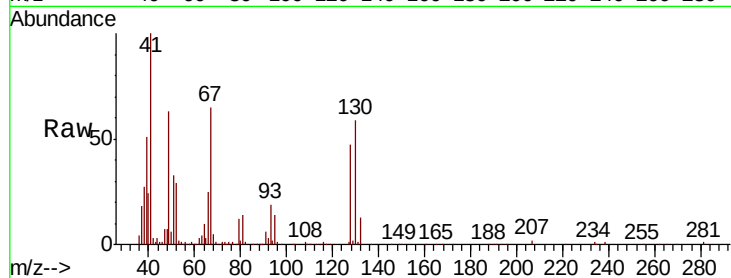




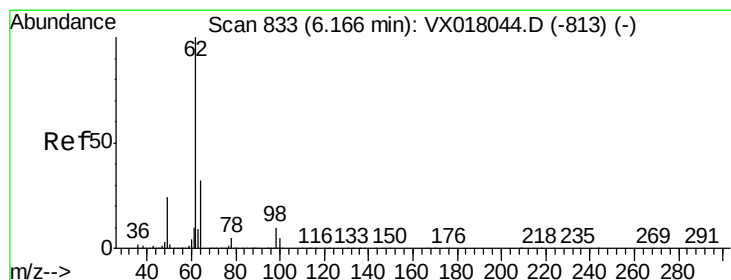
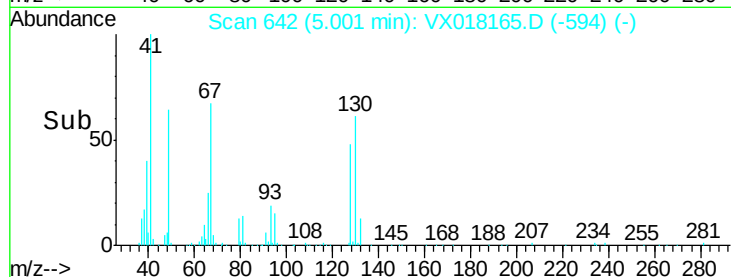
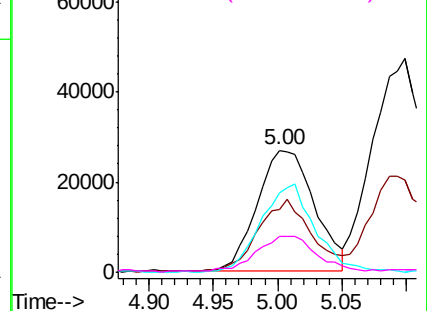
#41
Methacrylonitrile
Concen: 19.530 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX018165.D
Acq: 31 Aug 2020 23:07

Instrument :
MSVOA_X
ClientSampleId :
VX0831WBSD02

Tot Ion:	41	Resp:	82858
Ion	Ratio	Lower	Upper
41	100		
39	54.7	43.1	64.7
67	69.0	56.0	84.0
52	31.1	22.7	34.1

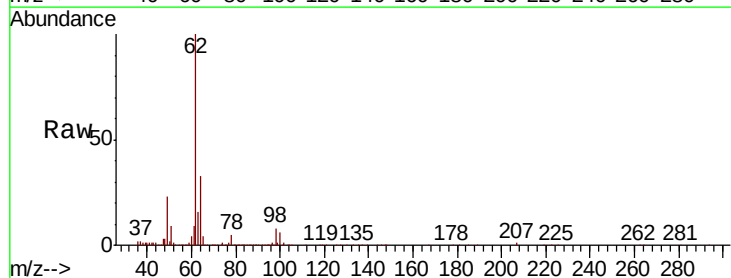


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

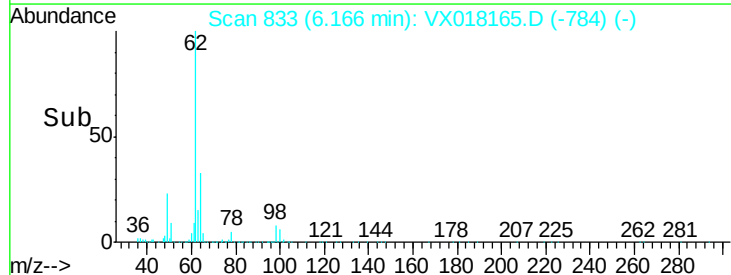
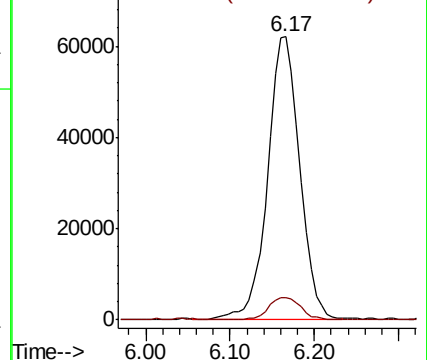


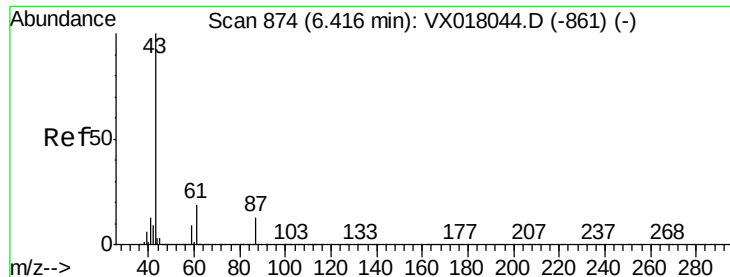
#42
1,2-Dichloroethane
Concen: 21.929 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX018165.D
Acq: 31 Aug 2020 23:07

Tgt Ion:	62	Resp:	164245
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	18.2



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 19.534 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX018165.D

Acq: 31 Aug 2020 23:07

Instrument :

MSVOA_X

ClientSampleId :

VX0831WBSD02

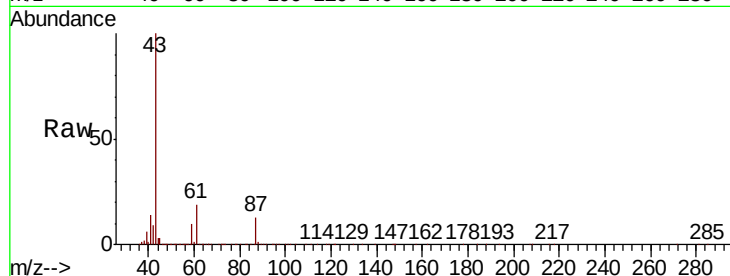
Tot Ion: 43 Resp: 243799

Ion Ratio Lower Upper

43 100

61 19.8 15.7 23.5

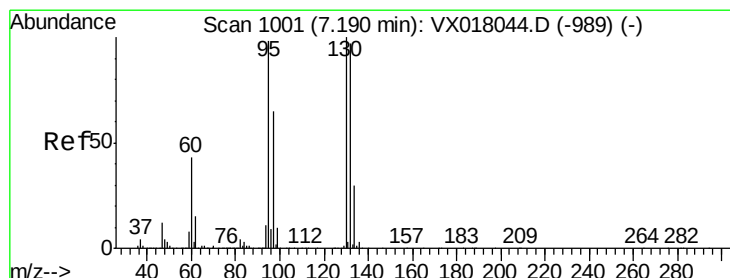
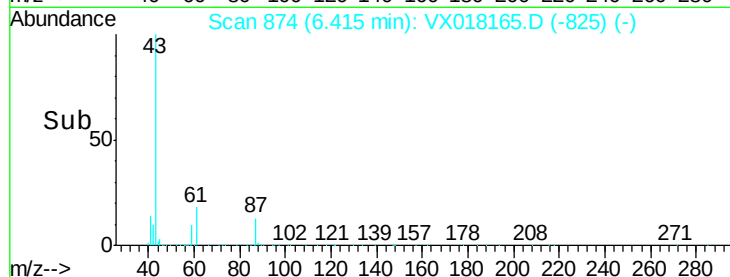
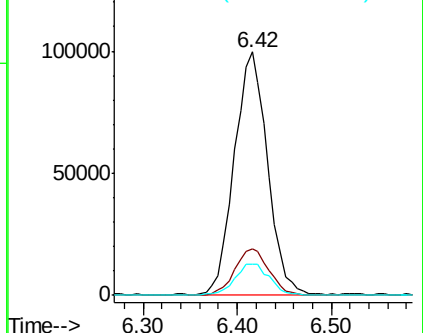
87 13.7 10.3 15.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 20.486 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX018165.D

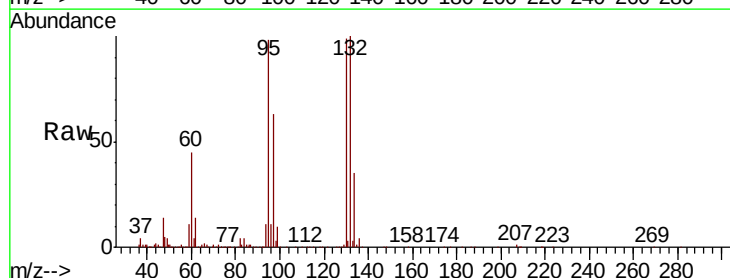
Acq: 31 Aug 2020 23:07

Tgt Ion:130 Resp: 113159

Ion Ratio Lower Upper

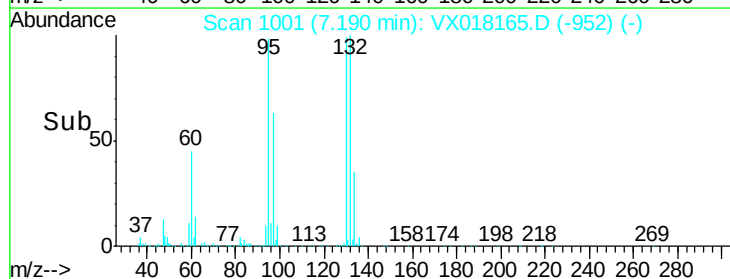
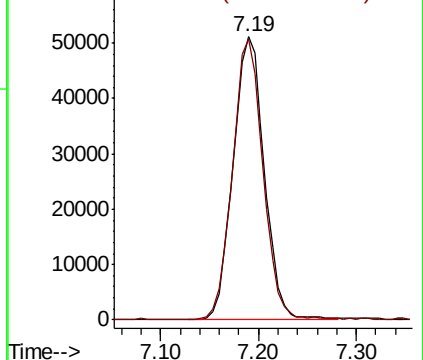
130 100

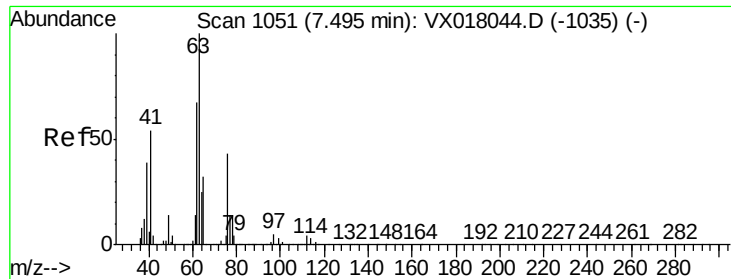
95 99.3 0.0 196.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 20.120 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX018165.D

Acq: 31 Aug 2020 23:07

Instrument :

MSVOA_X

ClientSampleId :

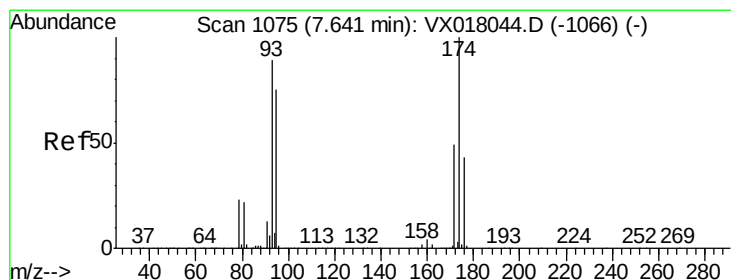
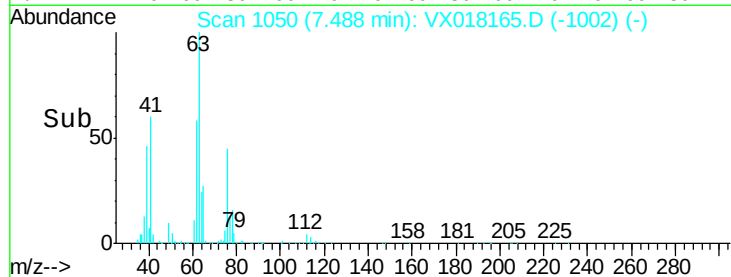
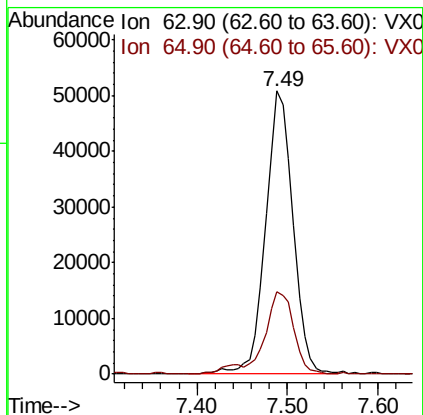
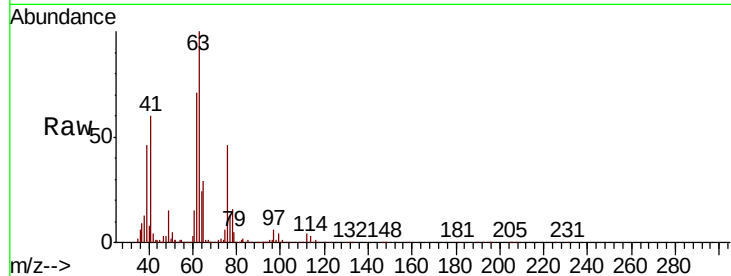
VX0831WBSD02

Tot Ion: 63 Resp: 106008

Ion Ratio Lower Upper

63 100

65 29.1 25.7 38.5



#46

Dibromomethane

Concen: 20.669 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX018165.D

Acq: 31 Aug 2020 23:07

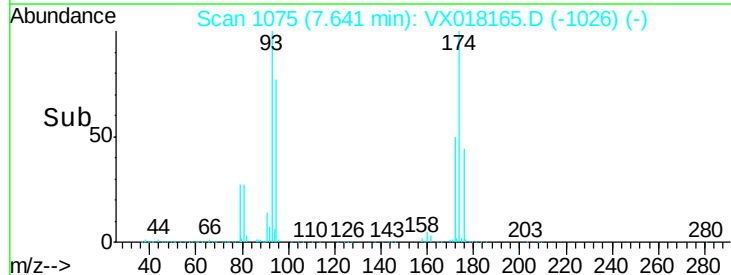
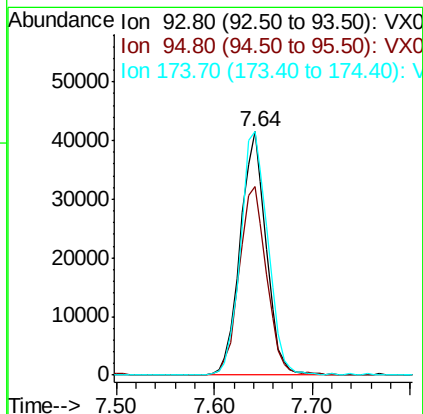
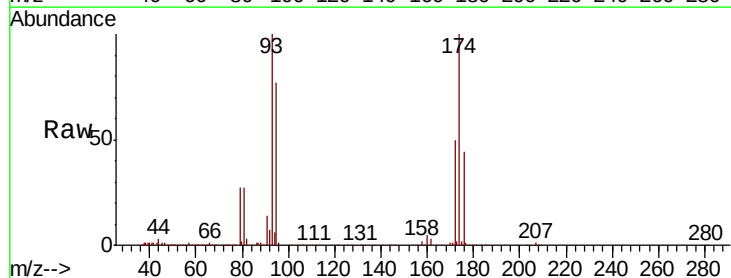
Tgt Ion: 93 Resp: 76581

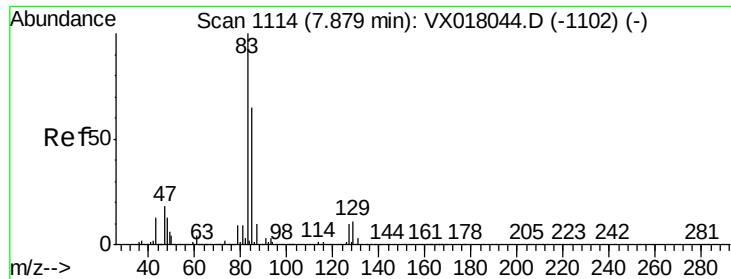
Ion Ratio Lower Upper

93 100

95 82.0 67.3 100.9

174 105.0 82.2 123.2





#47

Bromodichloromethane

Concen: 21.564 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX018165.D

Acq: 31 Aug 2020 23:07

Instrument :

MSVOA_X

ClientSampleId :

VX0831WBSD02

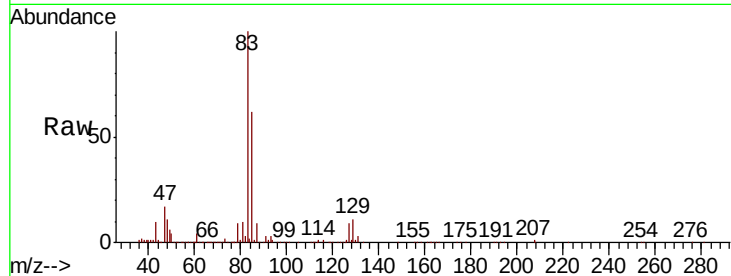
Tot Ion: 83 Resp: 159531

Ion Ratio Lower Upper

83 100

85 62.1 51.8 77.6

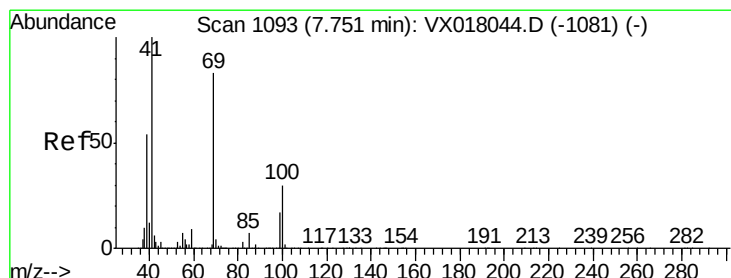
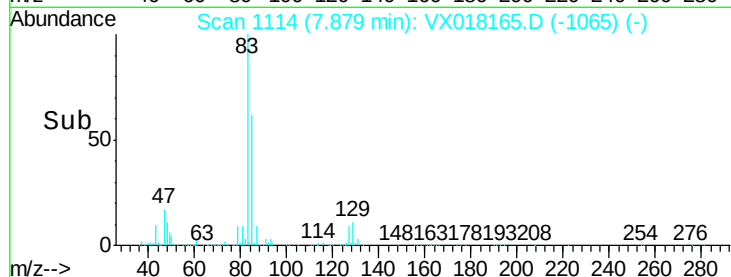
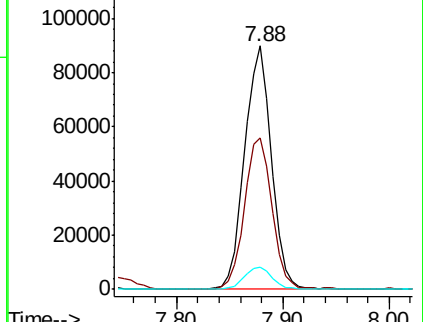
127 9.0 7.7 11.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.134 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. -0.00 min

Lab File: VX018165.D

Acq: 31 Aug 2020 23:07

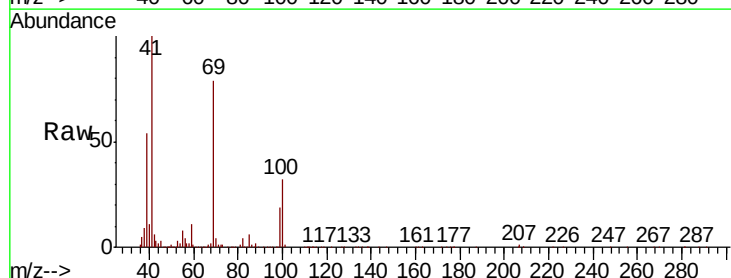
Tgt Ion: 41 Resp: 118876

Ion Ratio Lower Upper

41 100

69 81.2 65.5 98.3

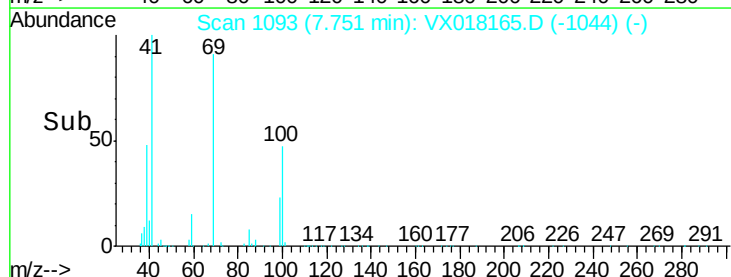
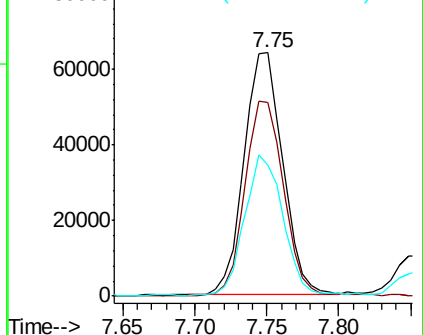
39 57.1 44.5 66.7

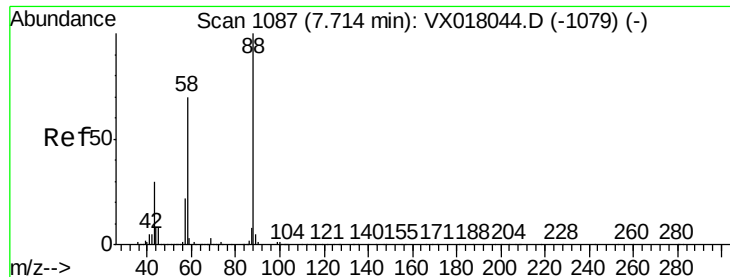


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 372.208 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX018165.D

Acq: 31 Aug 2020 23:07

Instrument :

MSVOA_X

ClientSampleId :

VX0831WBSD02

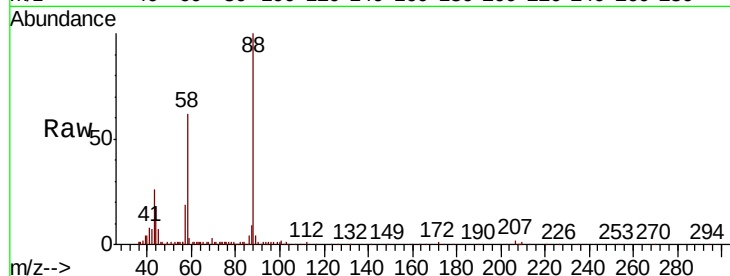
Tot Ion: 88 Resp: 41889

Ion Ratio Lower Upper

88 100

43 33.7 27.4 41.0

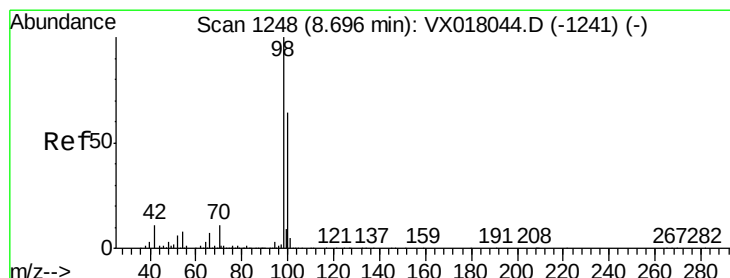
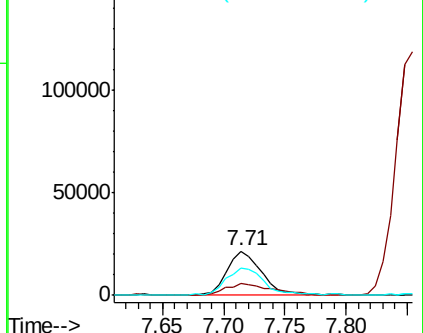
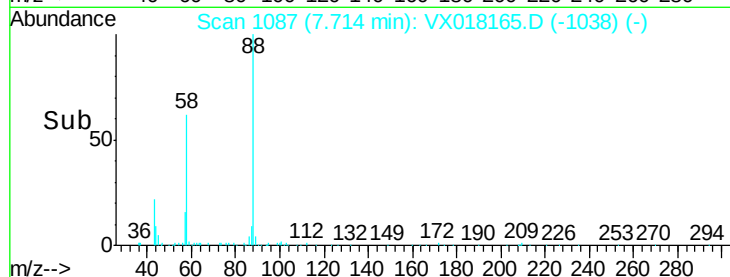
58 70.1 56.4 84.6



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 47.014 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018165.D

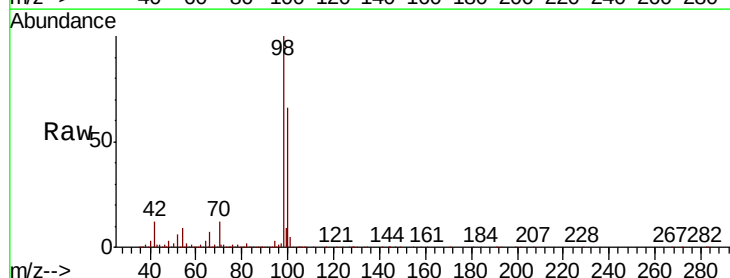
Acq: 31 Aug 2020 23:07

Tgt Ion: 98 Resp: 860198

Ion Ratio Lower Upper

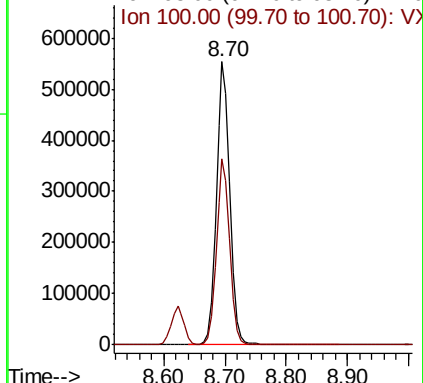
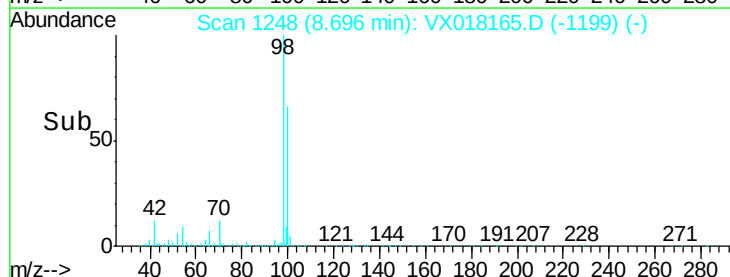
98 100

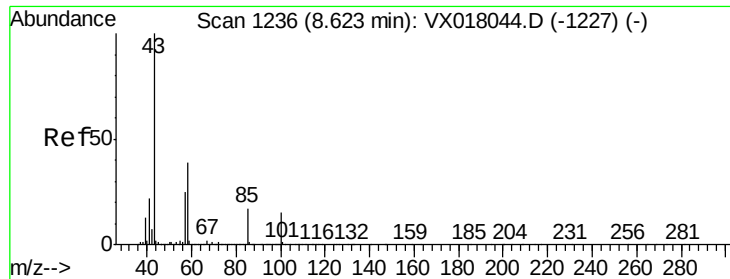
100 64.7 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 99.071 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX018165.D

Acq: 31 Aug 2020 23:07

Instrument :

MSVOA_X

ClientSampleId :

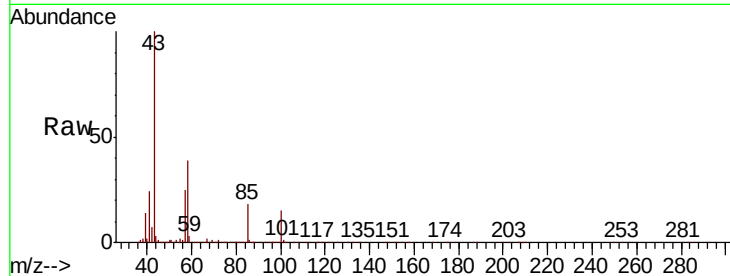
VX0831WBSD02

Tot Ion: 43 Resp: 763776

Ion Ratio Lower Upper

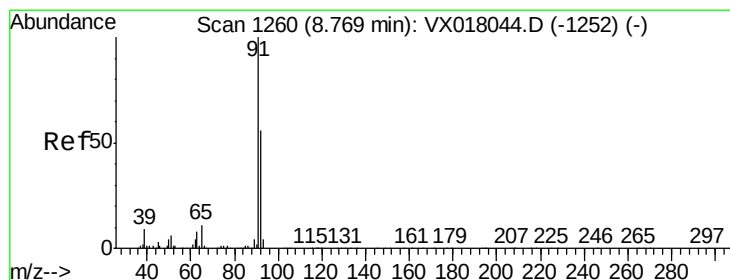
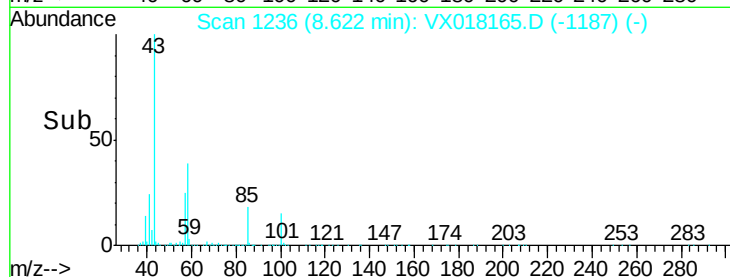
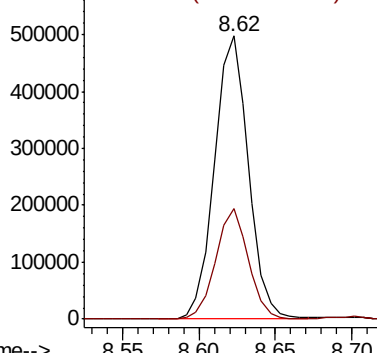
43 100

58 37.8 30.7 46.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 20.848 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX018165.D

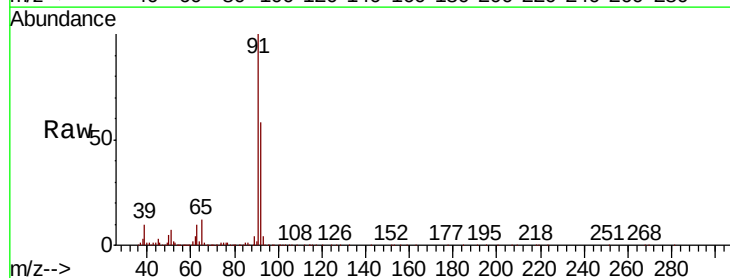
Acq: 31 Aug 2020 23:07

Tgt Ion: 92 Resp: 258427

Ion Ratio Lower Upper

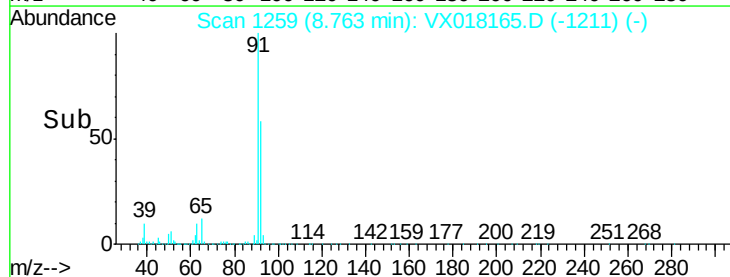
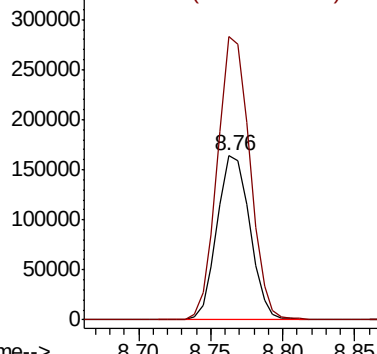
92 100

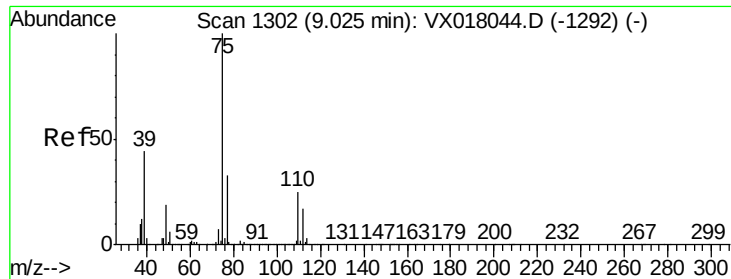
91 171.0 140.3 210.5



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

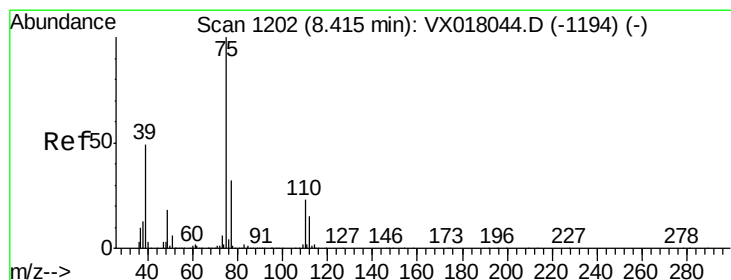
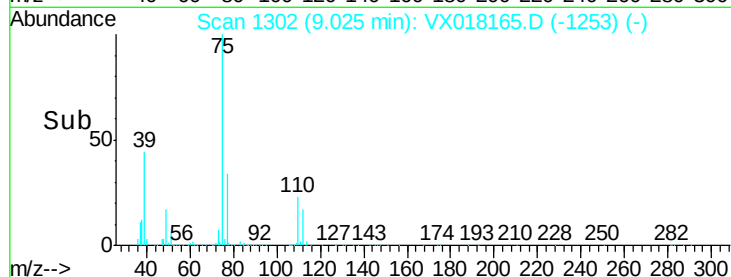
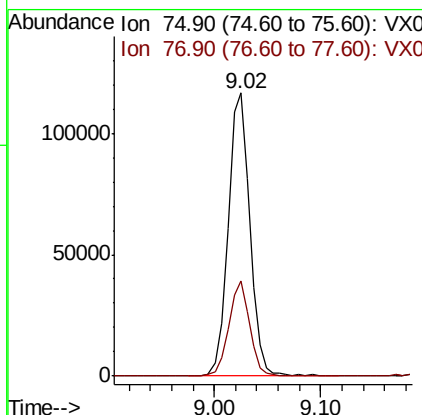
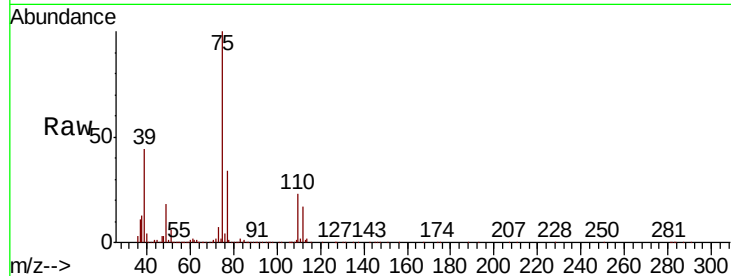




#53
t-1,3-Dichloropropene
Concen: 20.238 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX018165.D
Acq: 31 Aug 2020 23:07

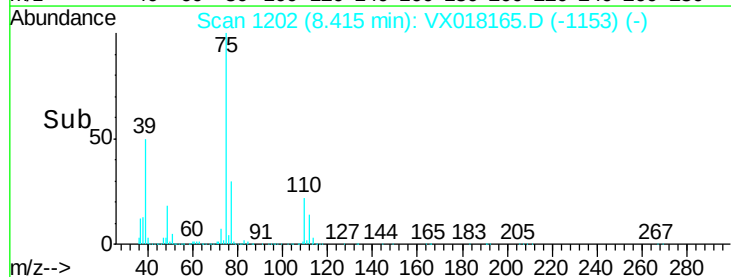
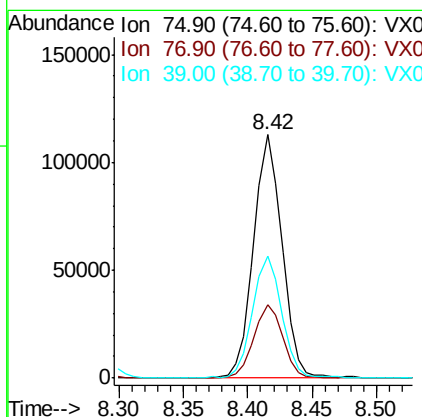
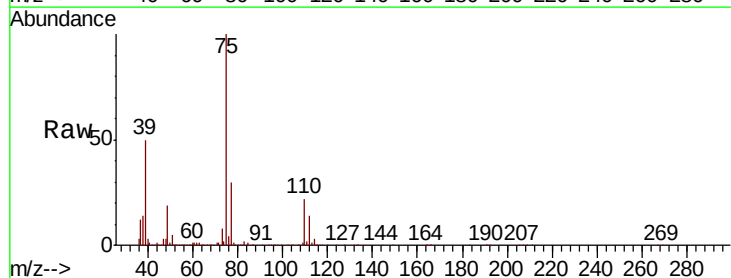
Instrument :
MSVOA_X
ClientSampleId :
VX0831WBSD02

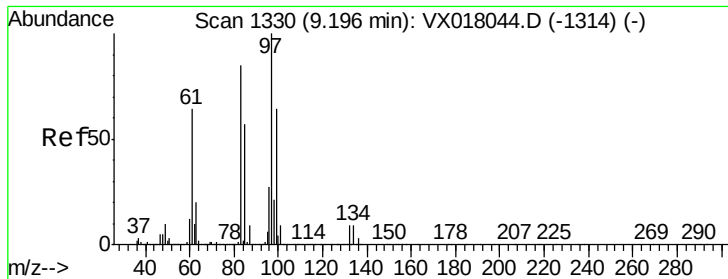
Tot Ion: 75 Resp: 165934
Ion Ratio Lower Upper
75 100
77 33.6 26.6 39.8



#54
cis-1,3-Dichloropropene
Concen: 19.854 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX018165.D
Acq: 31 Aug 2020 23:07

Tgt Ion: 75 Resp: 172443
Ion Ratio Lower Upper
75 100
77 30.0 25.8 38.8
39 50.0 38.8 58.2





#55

1,1,2-Trichloroethane

Concen: 20.116 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX018165.D

Acq: 31 Aug 2020 23:07

Instrument :

MSVOA_X

ClientSampleId :

VX0831WBSD02

Tot Ion: 97 Resp: 106350

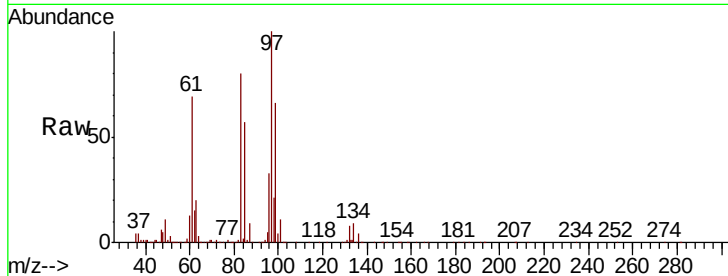
Ion Ratio Lower Upper

97 100

83 80.3 67.8 101.6

85 57.3 45.3 67.9

99 66.4 50.9 76.3

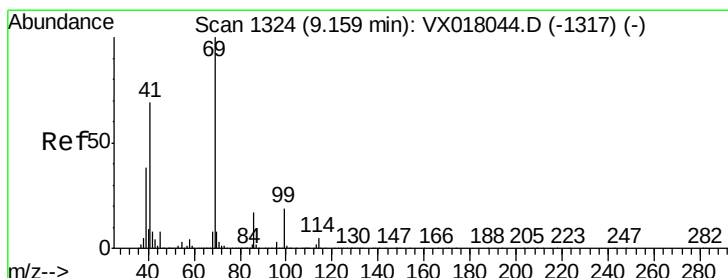
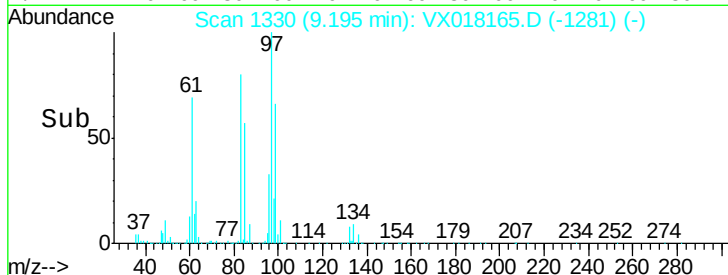
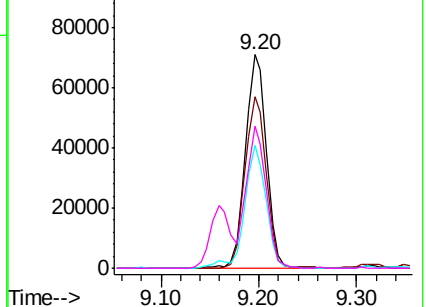


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 19.330 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX018165.D

Acq: 31 Aug 2020 23:07

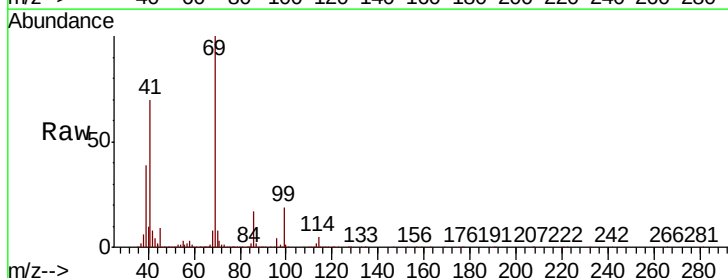
Tgt Ion: 69 Resp: 151924

Ion Ratio Lower Upper

69 100

41 69.4 54.6 81.8

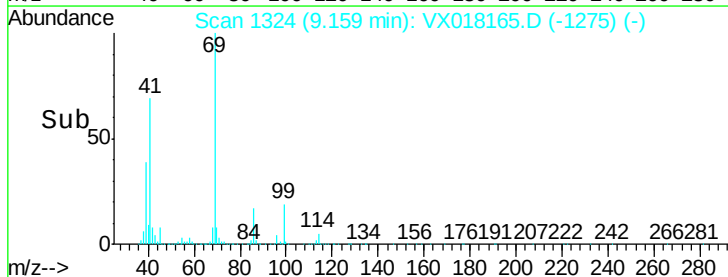
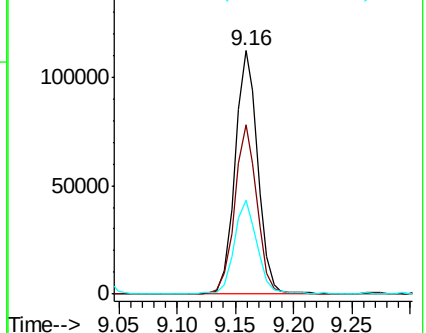
39 38.3 29.1 43.7

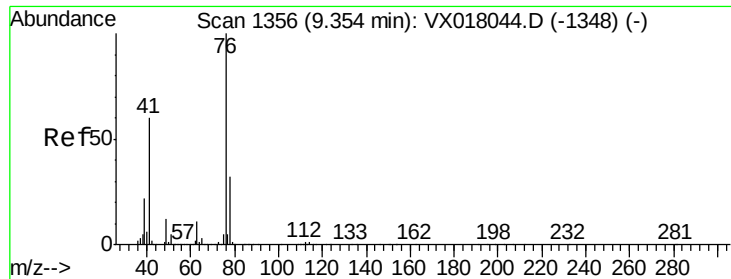


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 20.356 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018165.D

Acq: 31 Aug 2020 23:07

Instrument :

MSVOA_X

ClientSampleId :

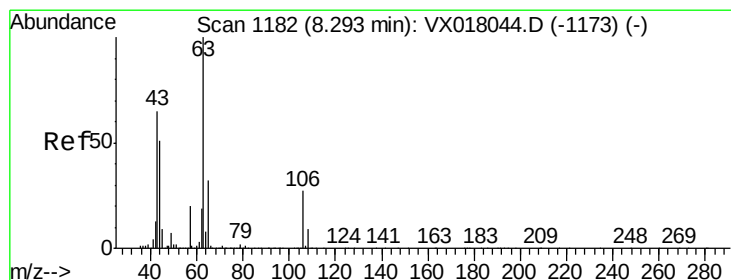
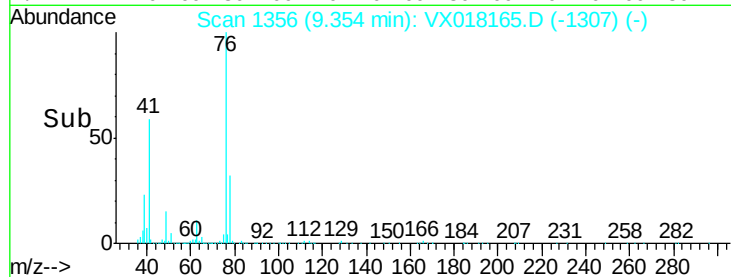
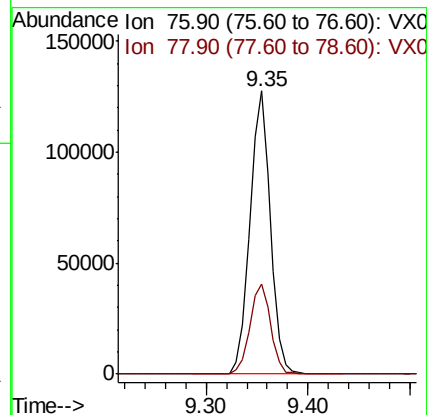
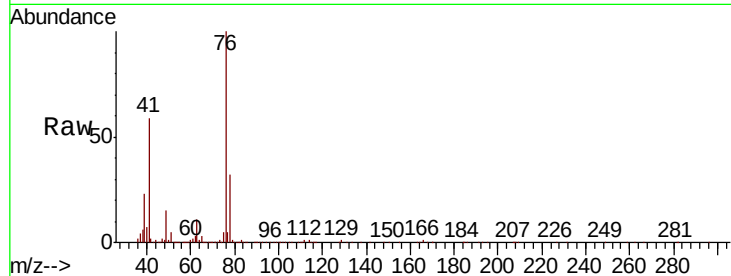
VX0831WBSD02

Tot Ion: 76 Resp: 177498

Ion Ratio Lower Upper

76 100

78 32.3 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 85.701 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX018165.D

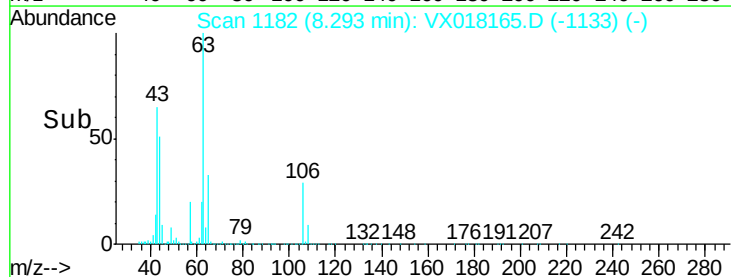
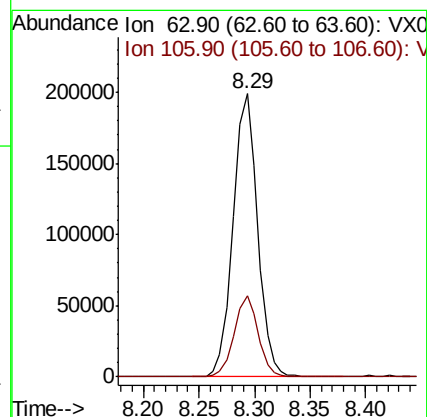
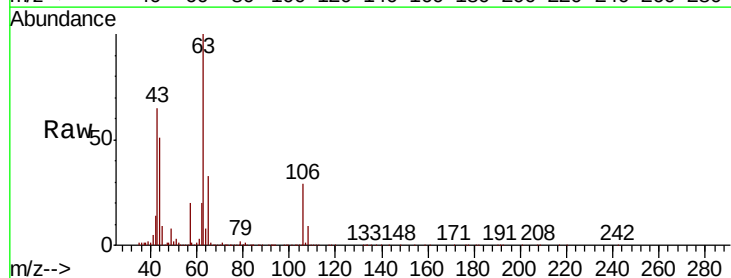
Acq: 31 Aug 2020 23:07

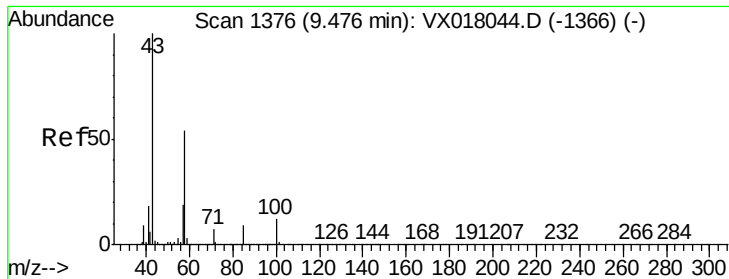
Tgt Ion: 63 Resp: 302999

Ion Ratio Lower Upper

63 100

106 28.1 22.1 33.1

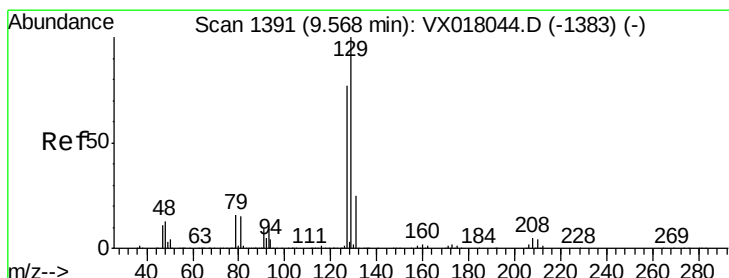
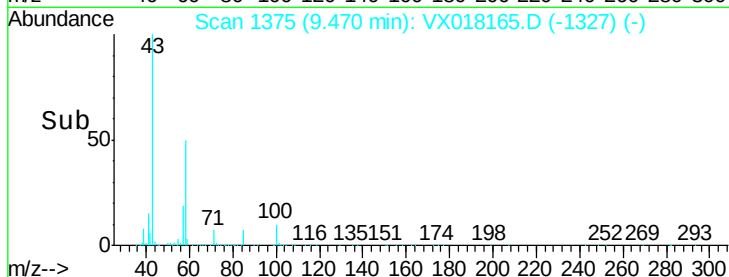
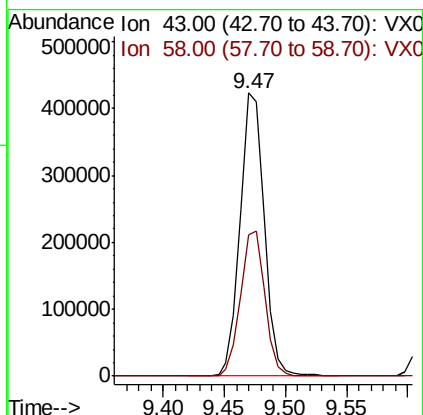
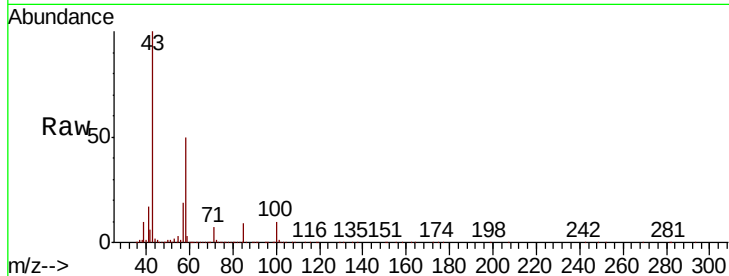




#59
2-Hexanone
Concen: 98.471 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX018165.D
Acq: 31 Aug 2020 23:07

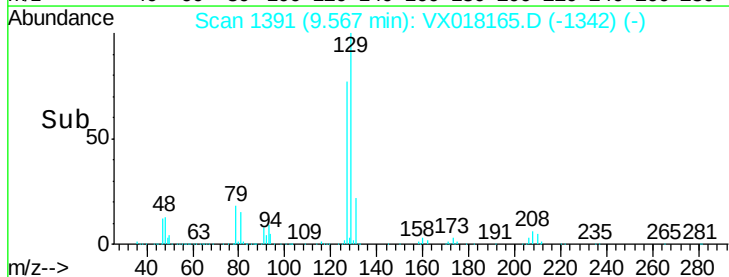
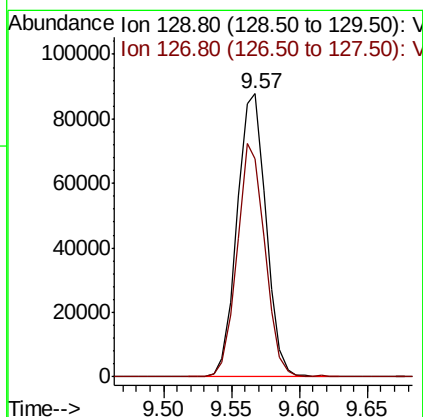
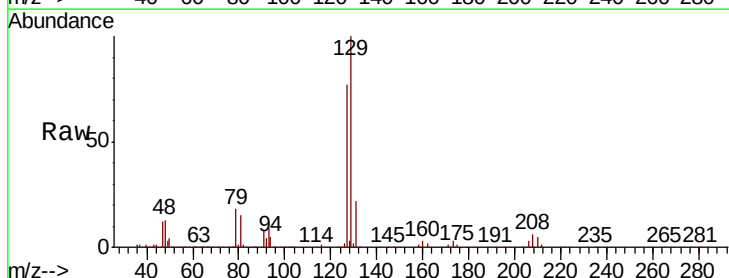
Instrument :
MSVOA_X
ClientSampleId :
VX0831WBSD02

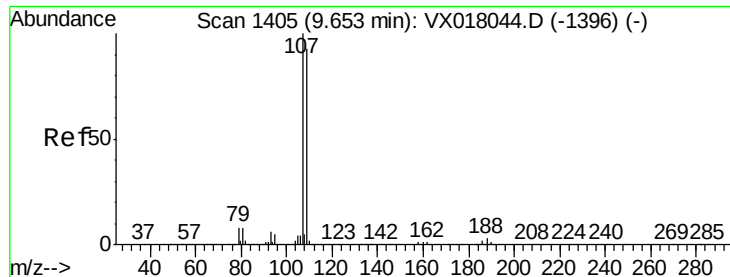
Tot Ion: 43 Resp: 577249
Ion Ratio Lower Upper
43 100
58 51.8 26.6 79.7



#60
Dibromochloromethane
Concen: 20.993 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX018165.D
Acq: 31 Aug 2020 23:07

Tgt Ion: 129 Resp: 130198
Ion Ratio Lower Upper
129 100
127 78.7 38.9 116.6





#61

1,2-Dibromoethane

Concen: 20.165 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018165.D

Acq: 31 Aug 2020 23:07

Instrument :

MSVOA_X

ClientSampleId :

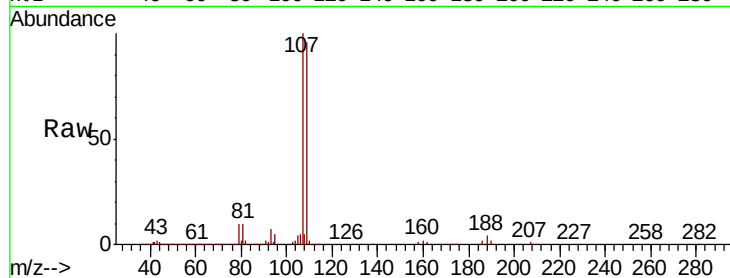
VX0831WBSD02

Tot Ion:107 Resp: 115741

Ion Ratio Lower Upper

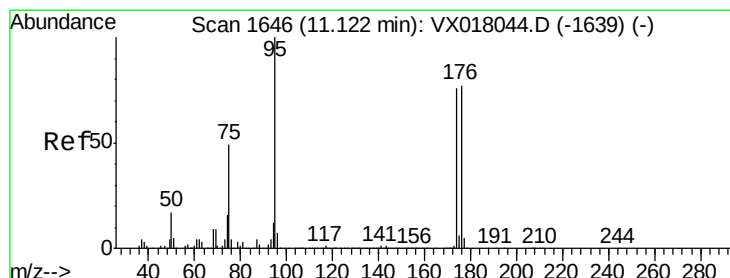
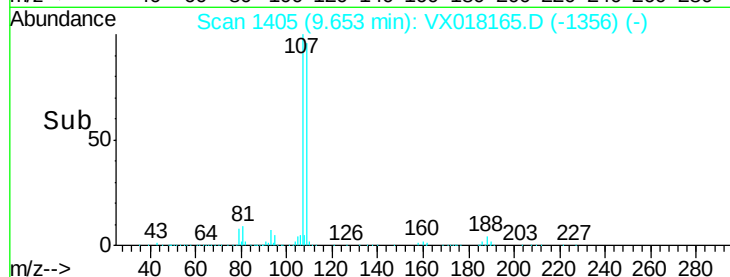
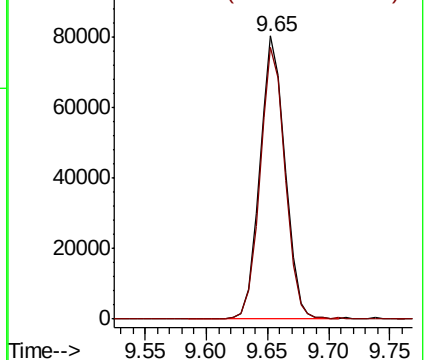
107 100

109 95.5 75.9 113.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.832 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018165.D

Acq: 31 Aug 2020 23:07

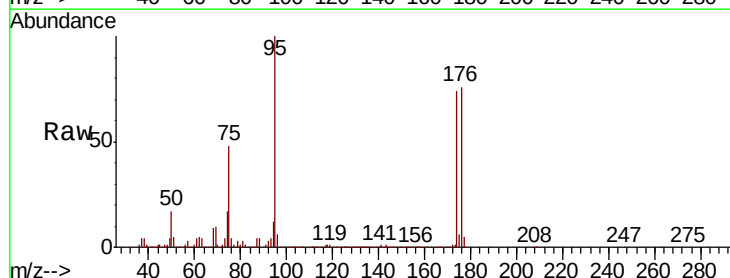
Tgt Ion: 95 Resp: 337130

Ion Ratio Lower Upper

95 100

174 78.1 0.0 160.2

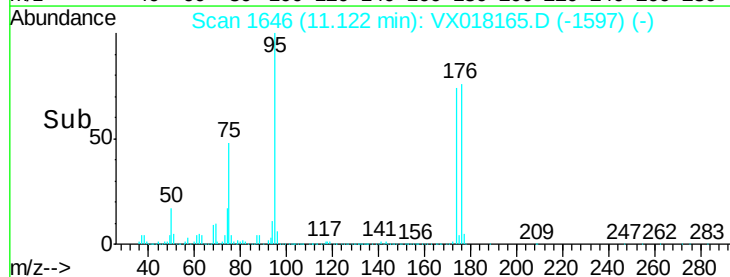
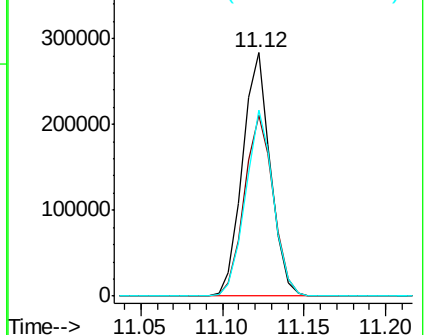
176 76.3 0.0 155.8

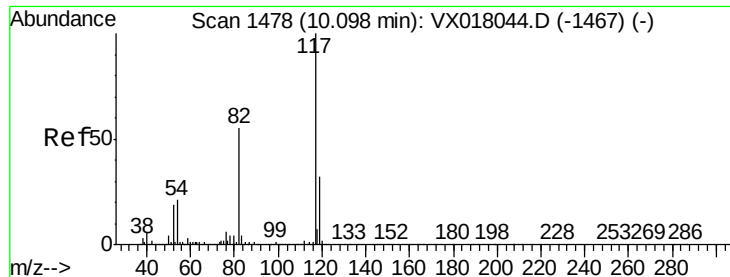


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

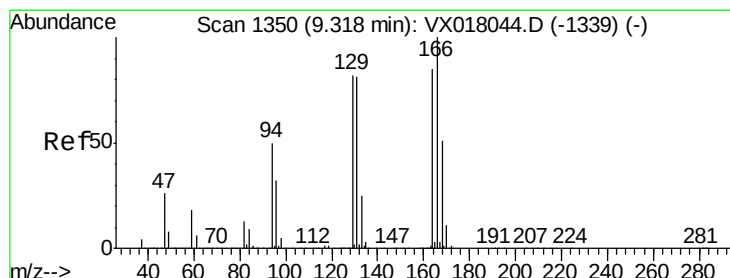
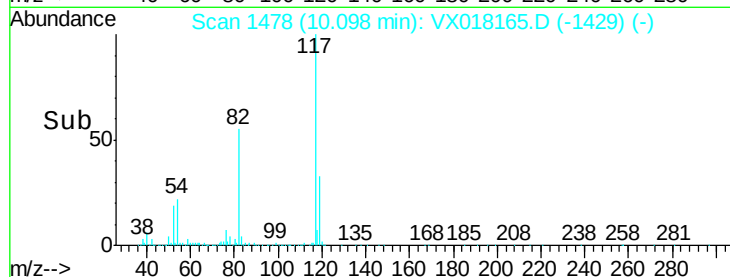
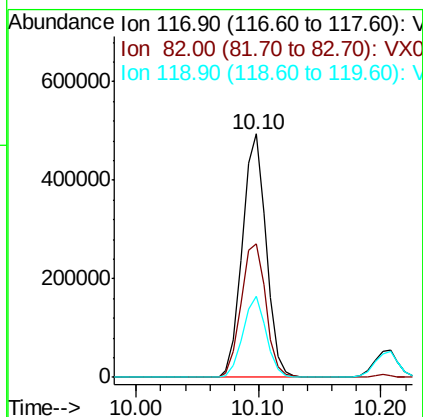
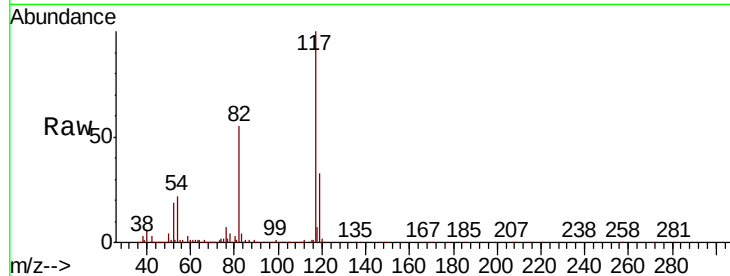




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018165.D
Acq: 31 Aug 2020 23:07

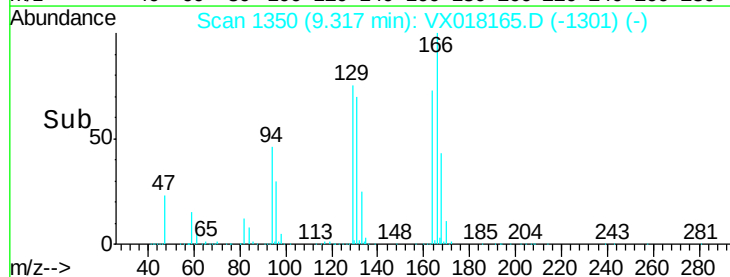
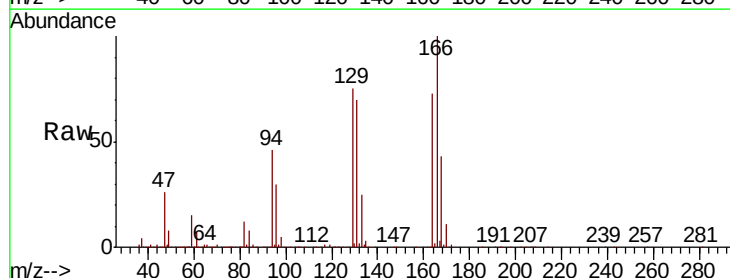
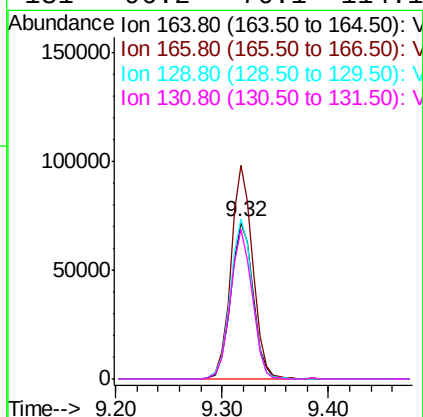
Instrument :
MSVOA_X
ClientSampleId :
VX0831WBSD02

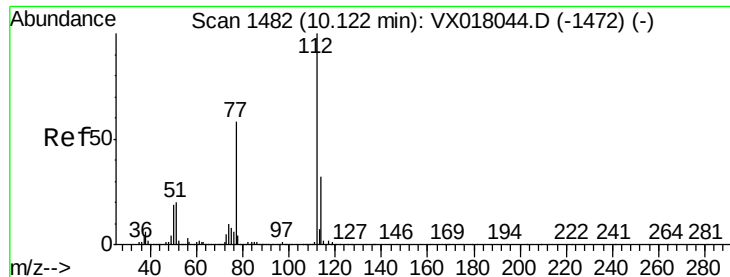
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.9	44.2	66.2
119	33.4	25.7	38.5



#64
Tetrachloroethene
Concen: 21.704 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018165.D
Acq: 31 Aug 2020 23:07

Tgt Ion	Ratio	Lower	Upper
164	100		
166	136.7	94.2	141.2
129	102.7	76.9	115.3
131	96.2	76.1	114.1





#65

Chlorobenzene

Concen: 21.154 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX018165.D

Acq: 31 Aug 2020 23:07

Instrument :

MSVOA_X

ClientSampleId :

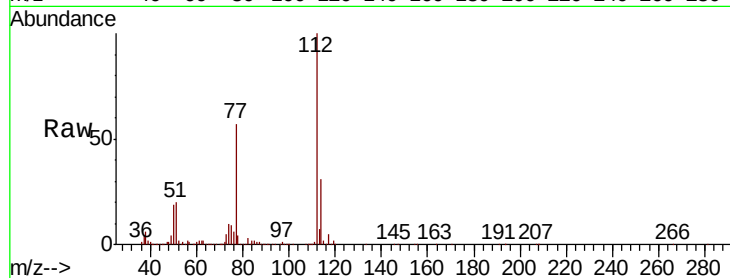
VX0831WBSD02

Tot Ion:112 Resp: 280686

Ion Ratio Lower Upper

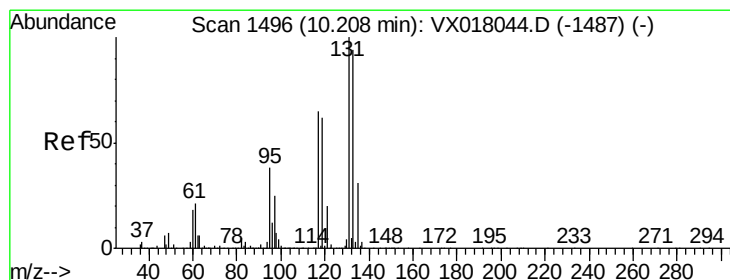
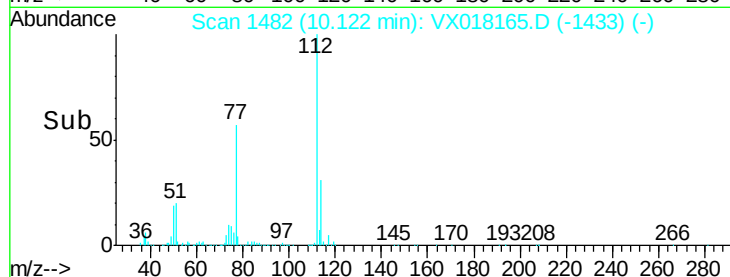
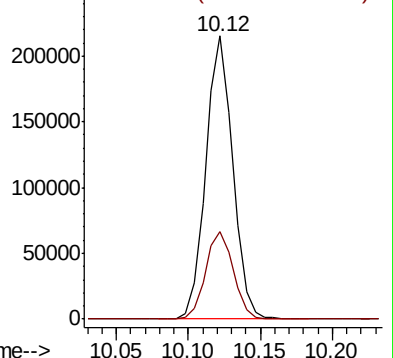
112 100

114 30.9 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 21.845 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX018165.D

Acq: 31 Aug 2020 23:07

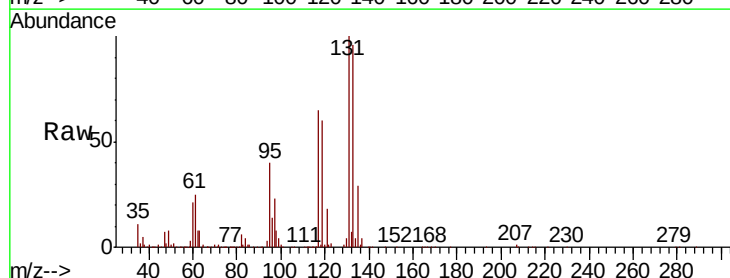
Tgt Ion:131 Resp: 114245

Ion Ratio Lower Upper

131 100

133 97.1 46.7 140.1

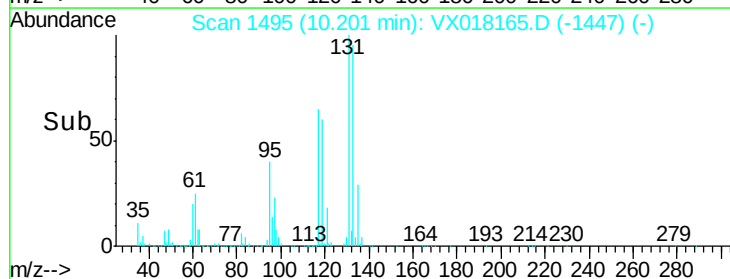
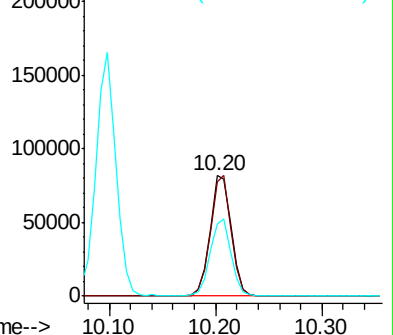
119 63.1 31.8 95.4

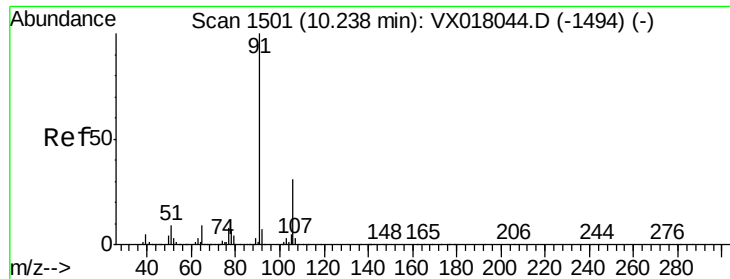


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 21.561 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX018165.D

Acq: 31 Aug 2020 23:07

Instrument :

MSVOA_X

ClientSampleId :

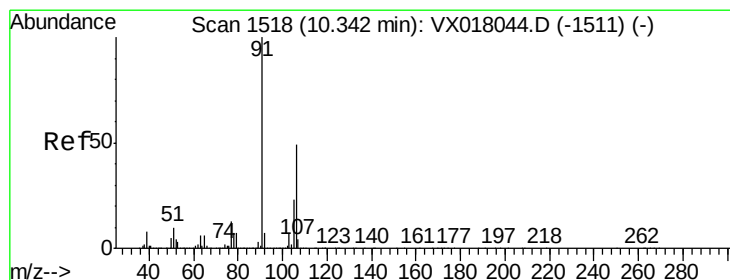
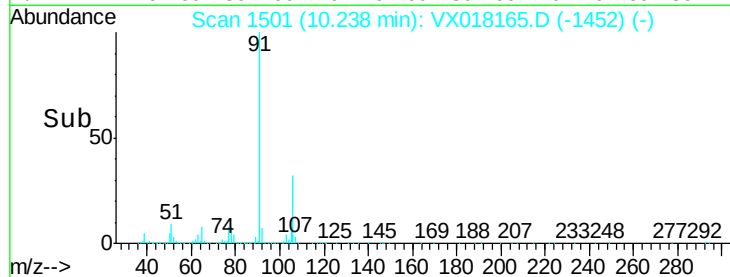
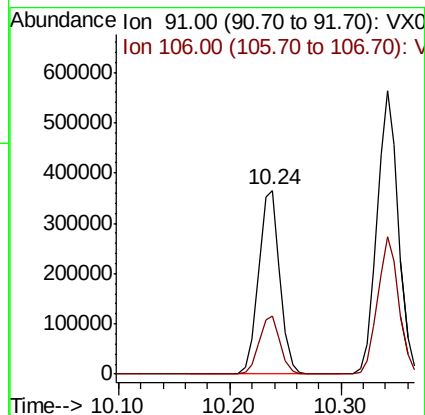
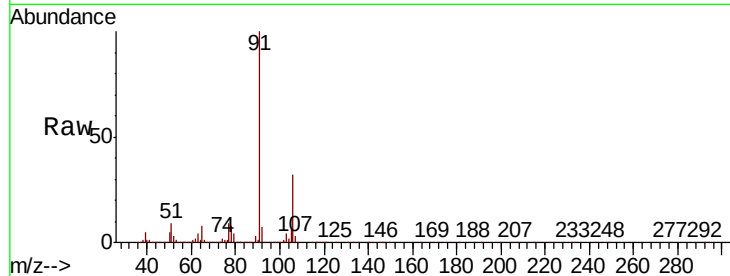
VX0831WBSD02

Tot Ion: 91 Resp: 486528

Ion Ratio Lower Upper

91 100

106 31.8 24.9 37.3



#68

m/p-Xylenes

Concen: 43.173 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX018165.D

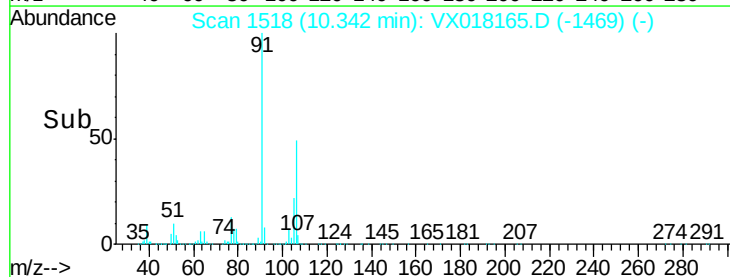
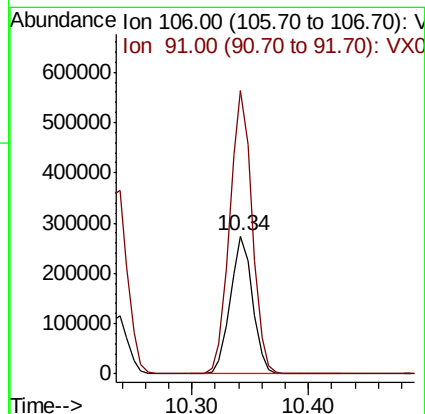
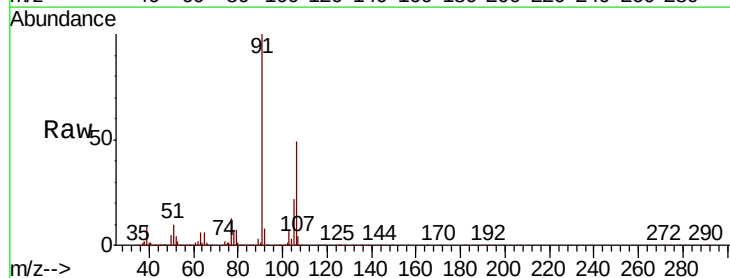
Acq: 31 Aug 2020 23:07

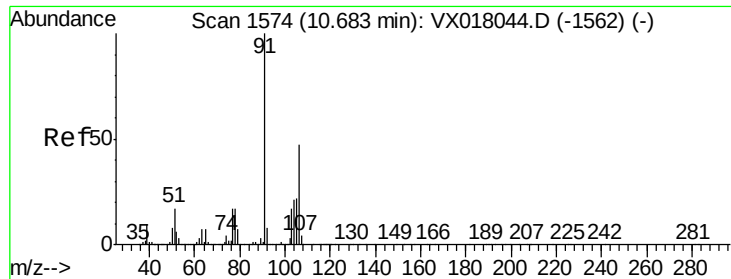
Tgt Ion: 106 Resp: 363617

Ion Ratio Lower Upper

106 100

91 206.6 162.2 243.2

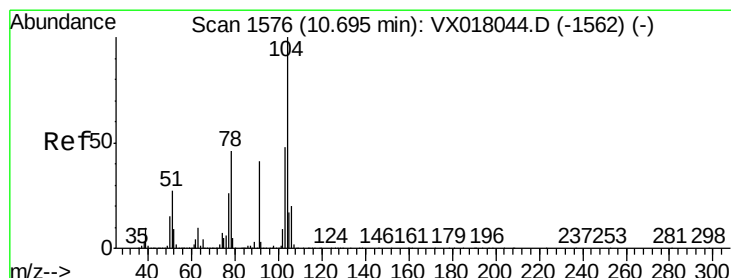
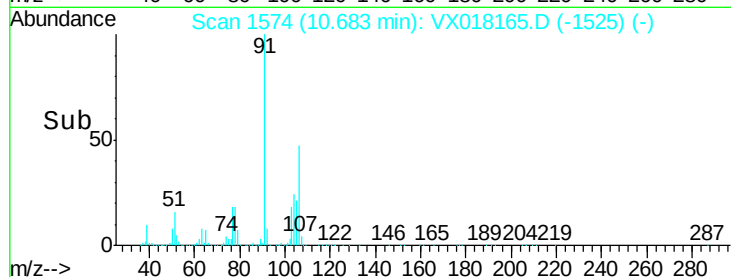
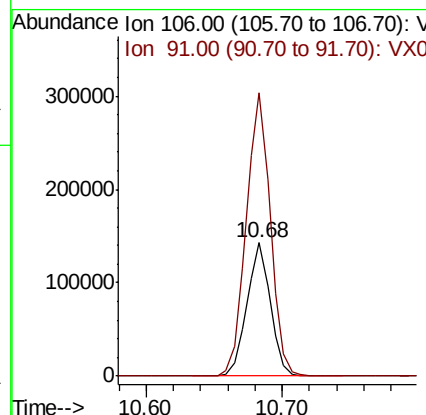
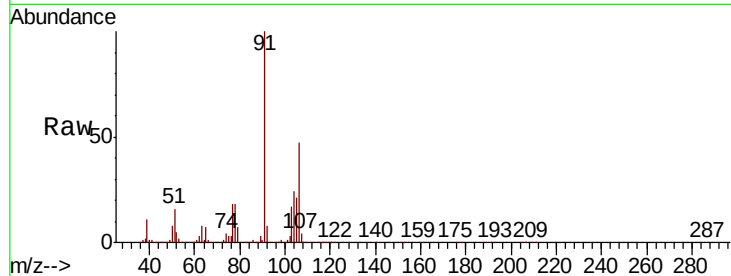




#69
o-Xylene
Concen: 21.093 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018165.D
Acq: 31 Aug 2020 23:07

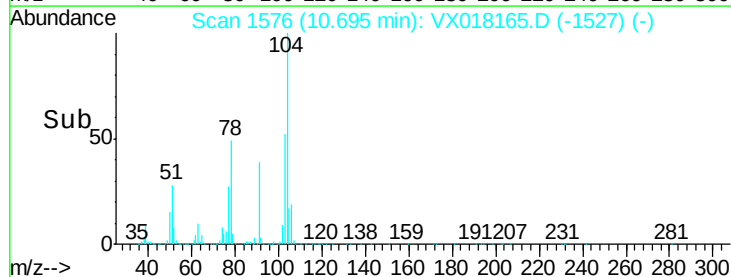
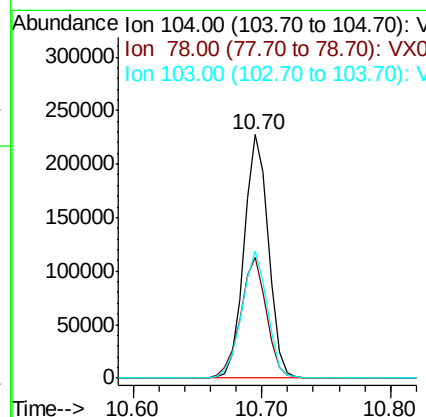
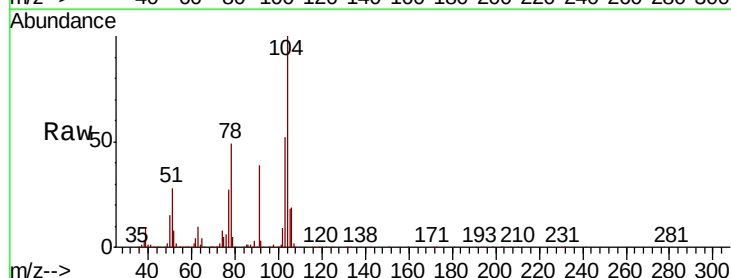
Instrument :
MSVOA_X
ClientSampleId :
VX0831WBSD02

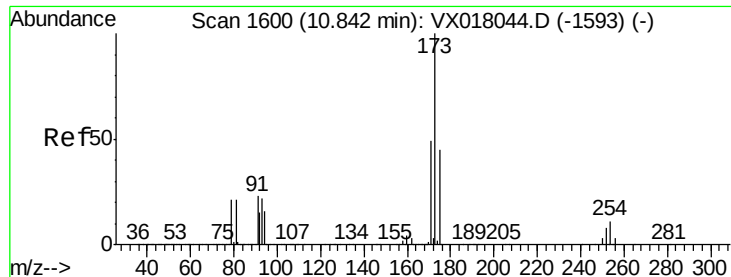
Tot Ion:106 Resp: 172213
Ion Ratio Lower Upper
106 100
91 217.9 107.1 321.3



#70
Styrene
Concen: 21.353 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018165.D
Acq: 31 Aug 2020 23:07

Tgt Ion:104 Resp: 296890
Ion Ratio Lower Upper
104 100
78 53.2 40.9 61.3
103 55.0 43.6 65.4





#71

Bromoform

Concen: 22.221 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX018165.D

Acq: 31 Aug 2020 23:07

Instrument :

MSVOA_X

ClientSampleId :

VX0831WBSD02

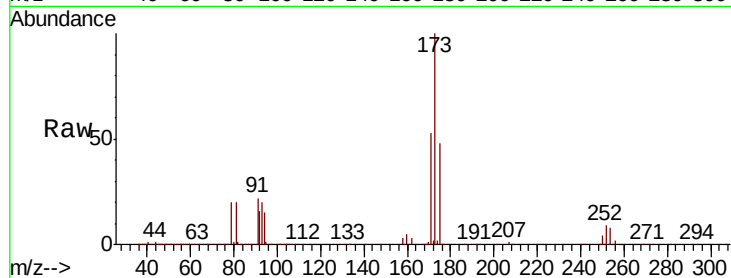
Tot Ion:173 Resp: 99124

Ion Ratio Lower Upper

173 100

175 50.6 23.9 71.8

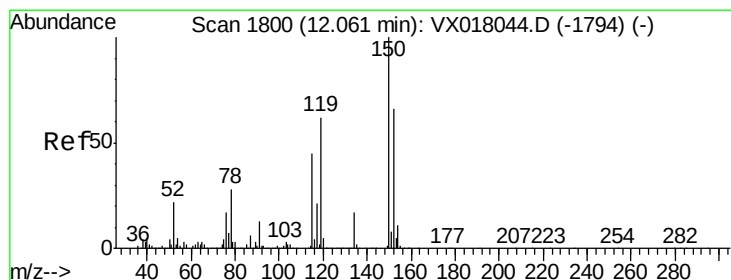
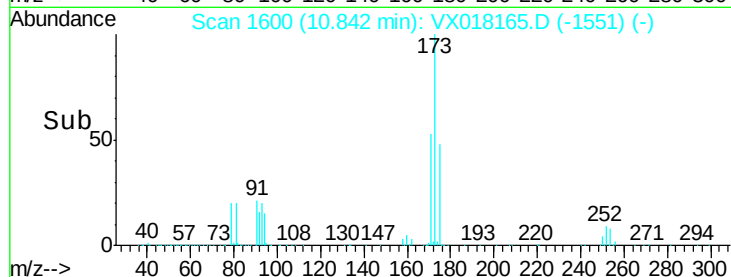
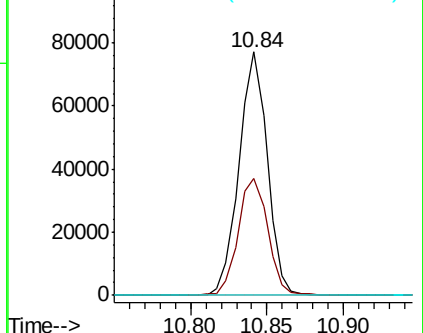
254 0.1 0.2 0.2#



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: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX018165.D

Acq: 31 Aug 2020 23:07

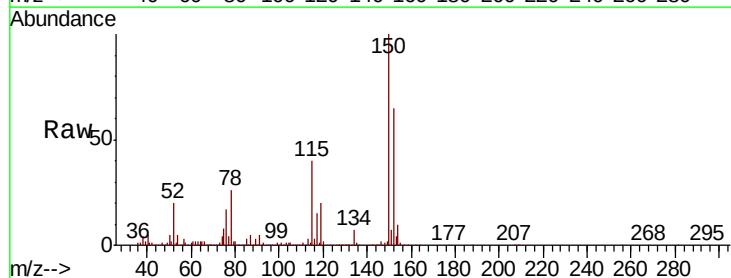
Tgt Ion:152 Resp: 361061

Ion Ratio Lower Upper

152 100

115 69.1 41.5 124.5

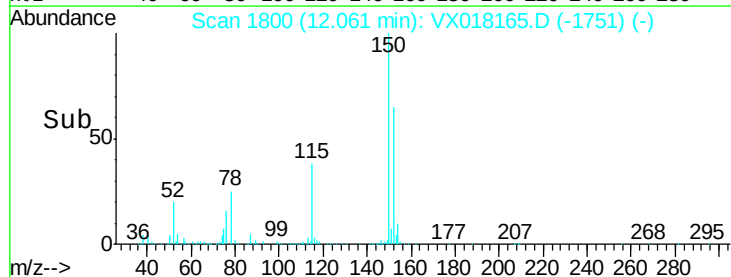
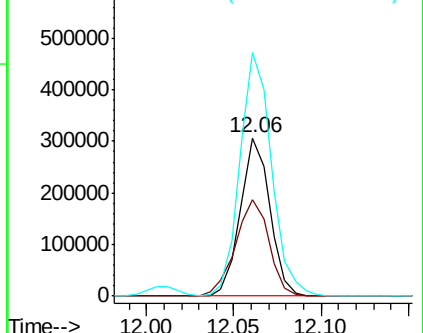
150 164.5 0.0 343.8

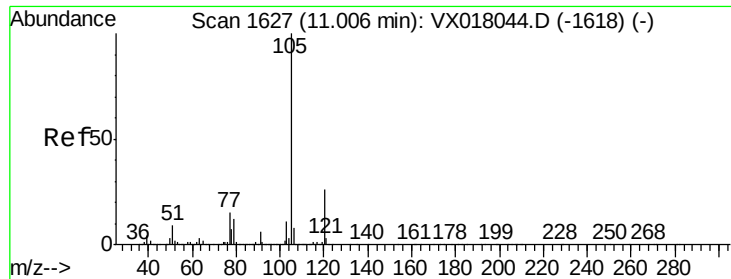


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.156 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX018165.D

Acq: 31 Aug 2020 23:07

Instrument :

MSVOA_X

ClientSampleId :

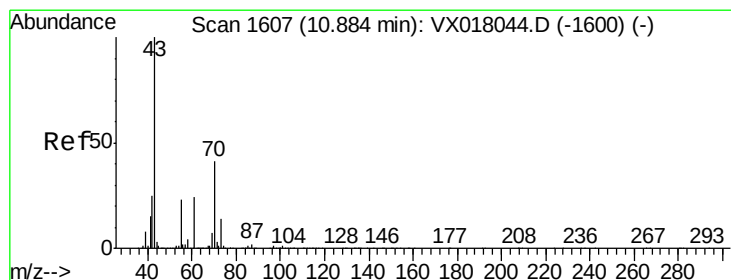
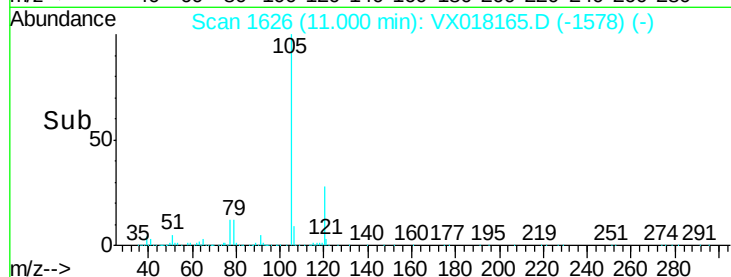
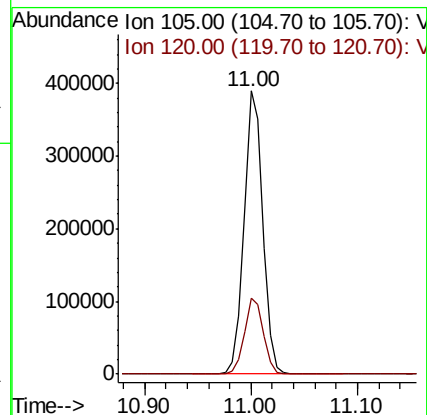
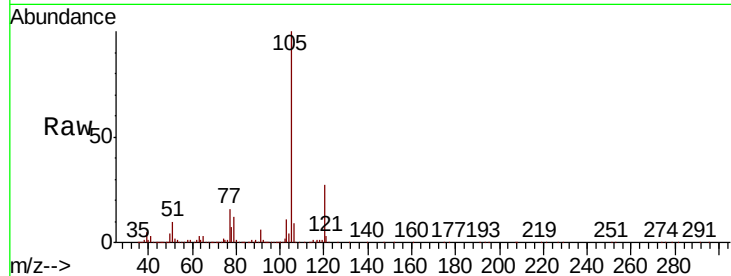
VX0831WBSD02

Tot Ion:105 Resp: 480023

Ion Ratio Lower Upper

105 100

120 27.3 13.2 39.5



#74

N-ethyl acetate

Concen: 18.822 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX018165.D

Acq: 31 Aug 2020 23:07

Tgt Ion: 43 Resp: 212684

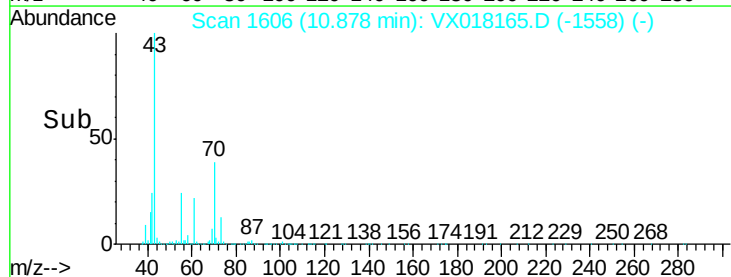
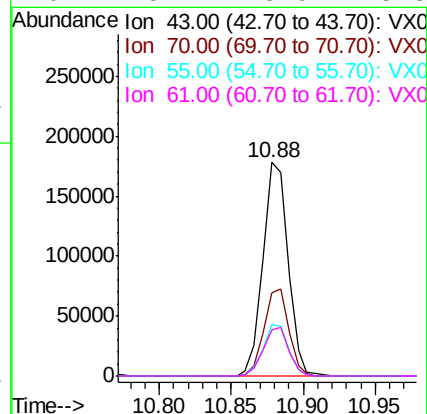
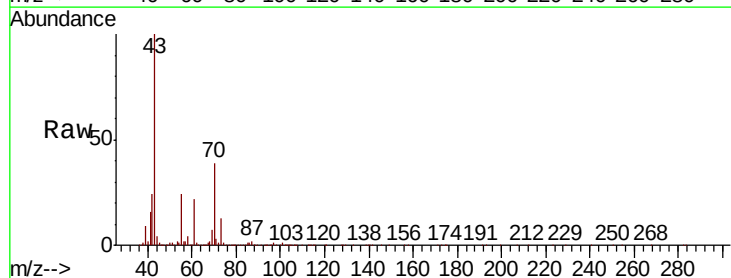
Ion Ratio Lower Upper

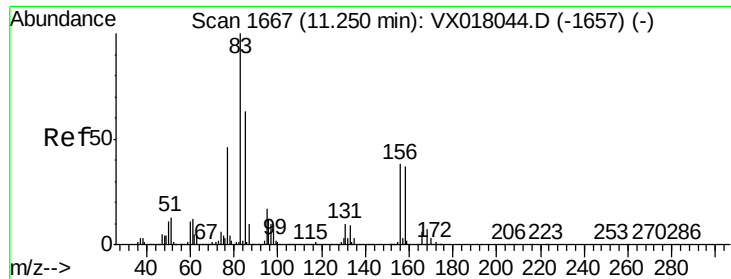
43 100

70 40.7 32.3 48.5

55 24.5 18.2 27.2

61 23.2 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 19.116 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018165.D

Acq: 31 Aug 2020 23:07

Instrument :

MSVOA_X

ClientSampleId :

VX0831WBSD02

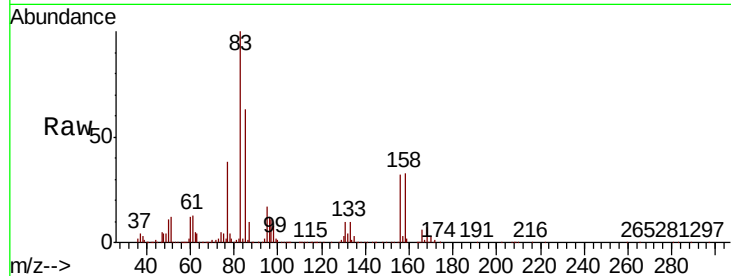
Tot Ion: 83 Resp: 160599

Ion Ratio Lower Upper

83 100

131 10.9 5.1 15.4

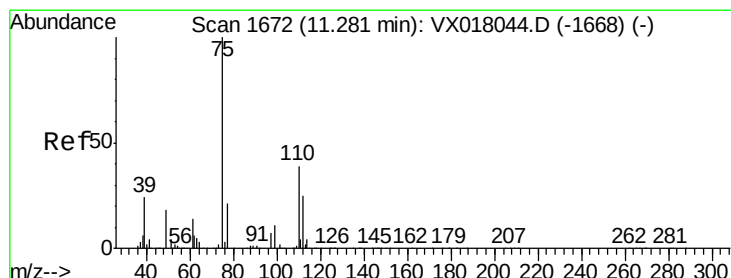
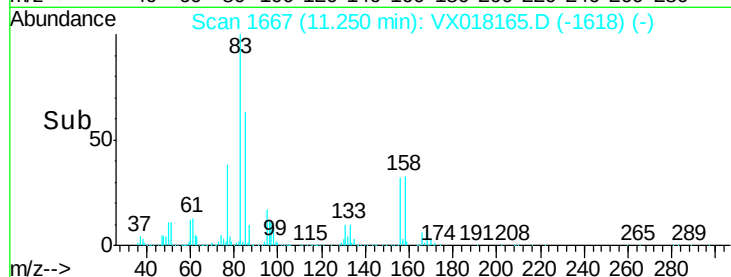
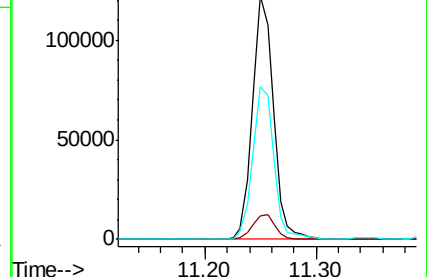
85 63.9 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.110 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX018165.D

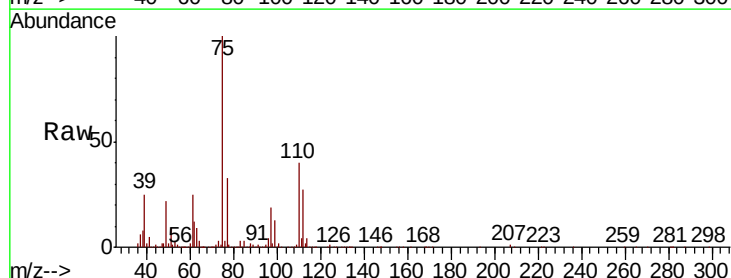
Acq: 31 Aug 2020 23:07

Tgt Ion: 75 Resp: 193650

Ion Ratio Lower Upper

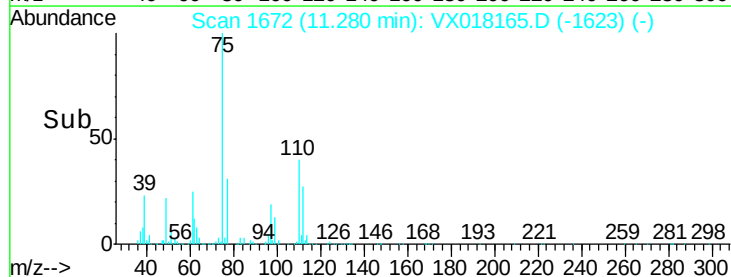
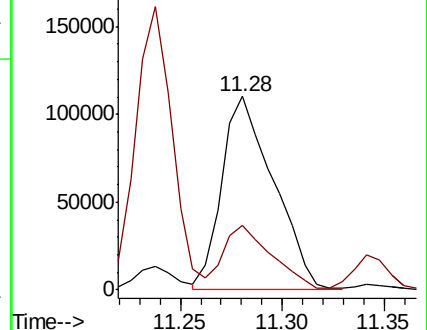
75 100

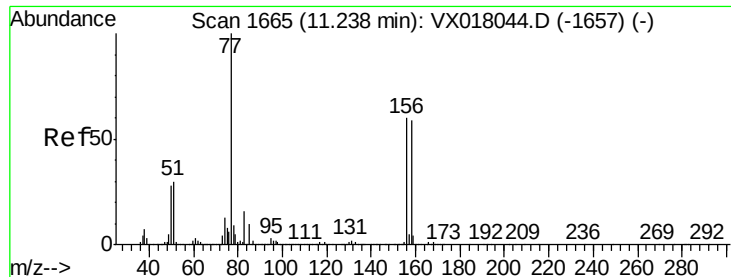
77 31.4 20.8 62.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.483 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018165.D

Acq: 31 Aug 2020 23:07

Instrument :

MSVOA_X

ClientSampleId :

VX0831WBSD02

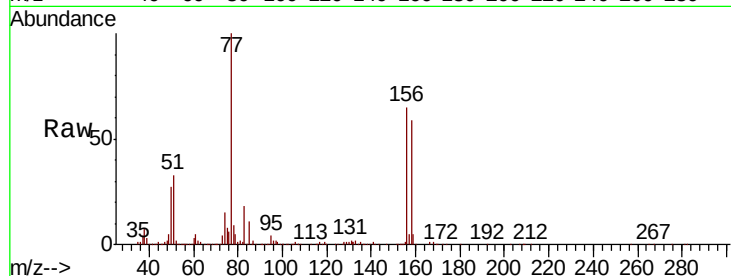
Tot Ion:156 Resp: 128263

Ion Ratio Lower Upper

156 100

77 157.6 80.0 240.2

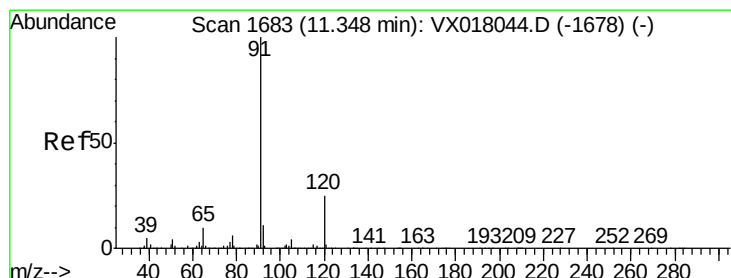
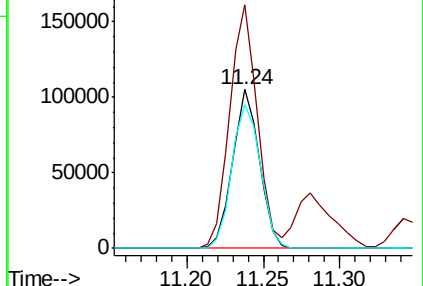
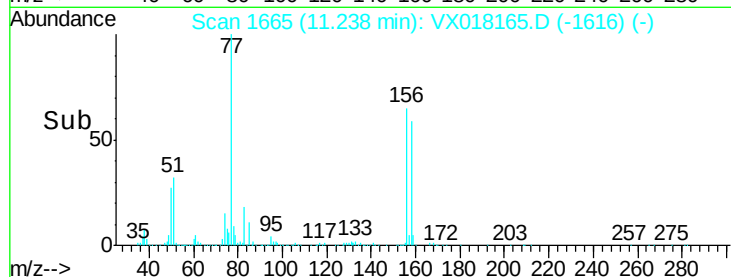
158 96.4 49.5 148.7



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: 20.367 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX018165.D

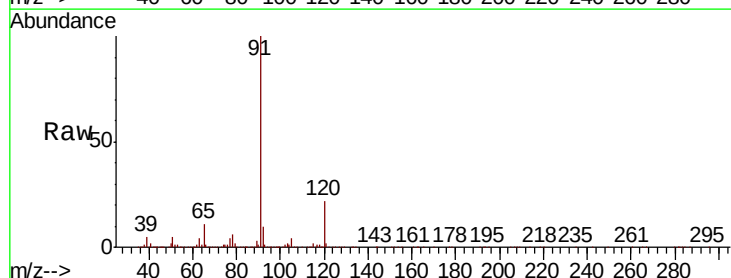
Acq: 31 Aug 2020 23:07

Tgt Ion: 91 Resp: 550768

Ion Ratio Lower Upper

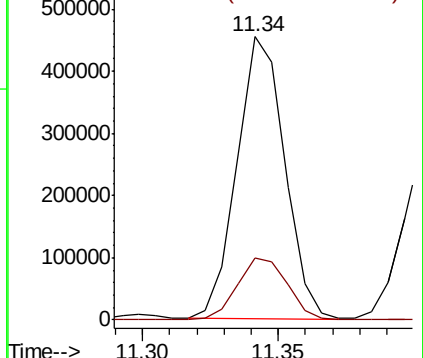
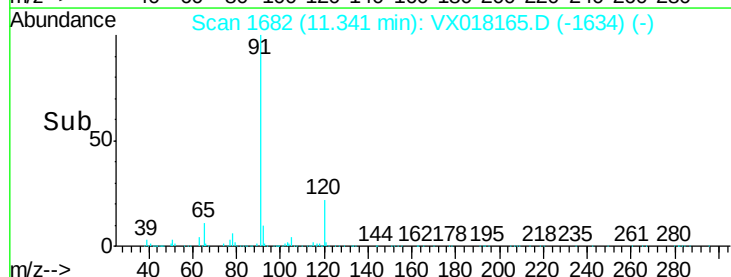
91 100

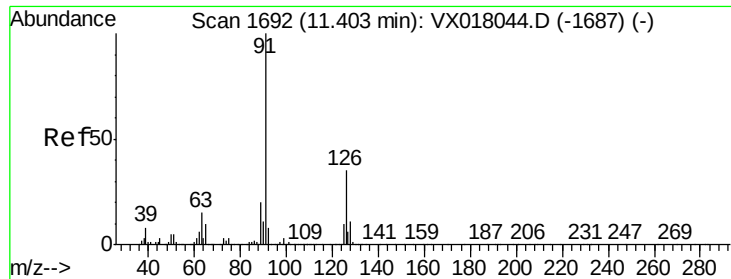
120 23.2 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.112 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX018165.D

Acq: 31 Aug 2020 23:07

Instrument :

MSVOA_X

ClientSampleId :

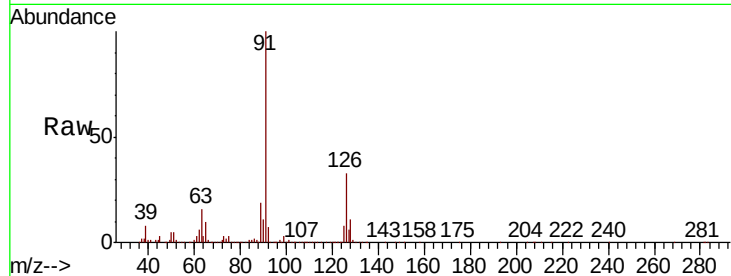
VX0831WBSD02

Tot Ion: 91 Resp: 336006

Ion Ratio Lower Upper

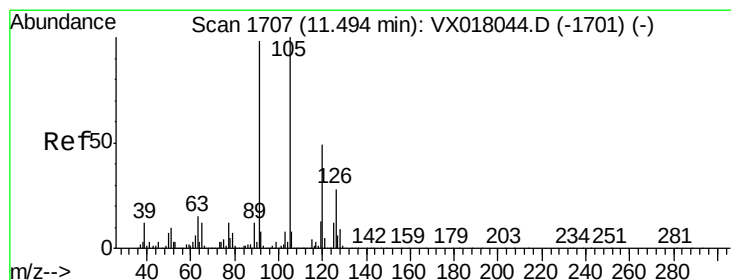
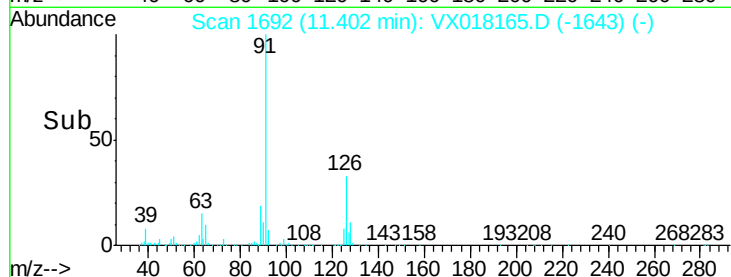
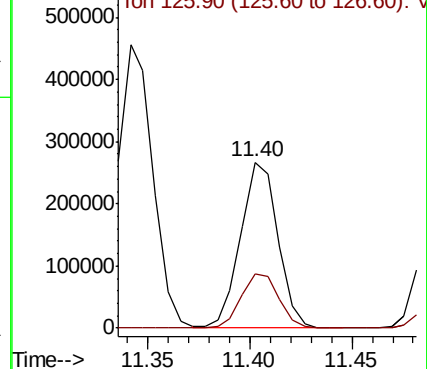
91 100

126 33.6 17.4 52.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 21.394 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX018165.D

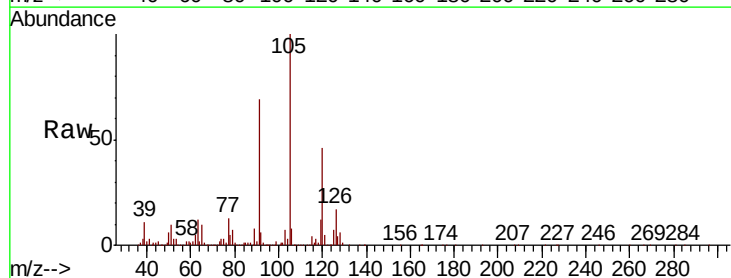
Acq: 31 Aug 2020 23:07

Tgt Ion:105 Resp: 418693

Ion Ratio Lower Upper

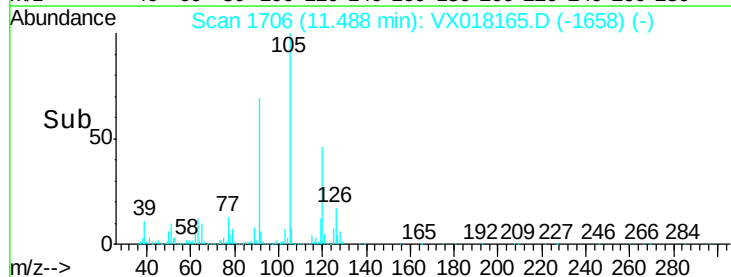
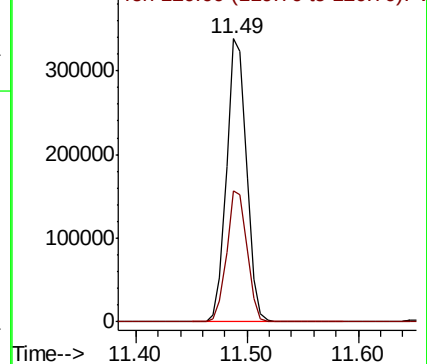
105 100

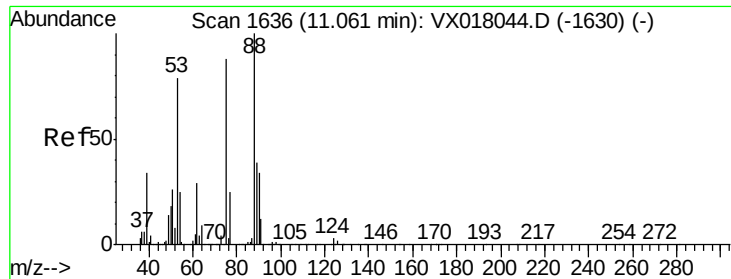
120 47.4 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 16.692 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX018165.D

Acq: 31 Aug 2020 23:07

Instrument :

MSVOA_X

ClientSampleId :

VX0831WBSD02

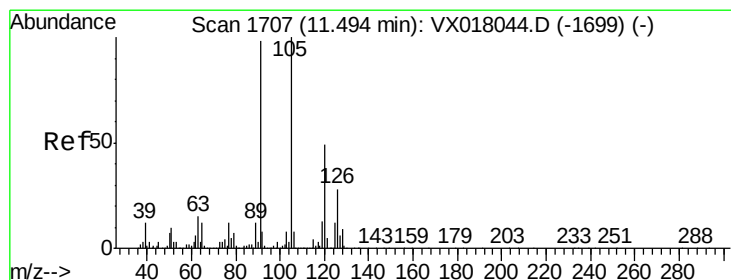
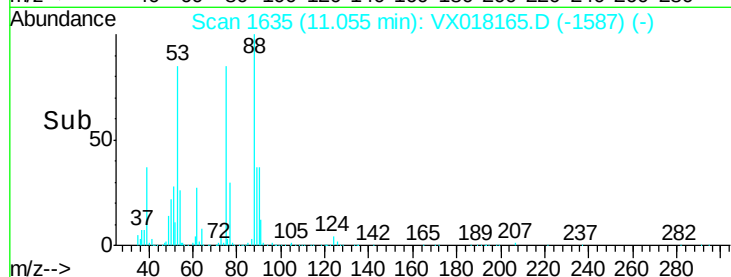
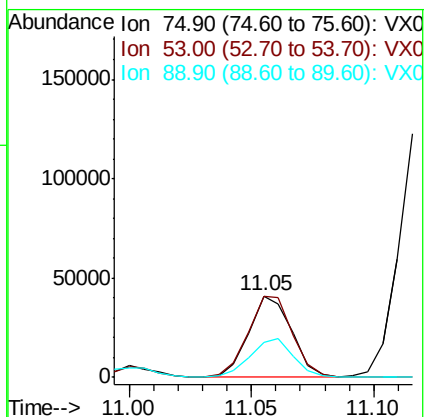
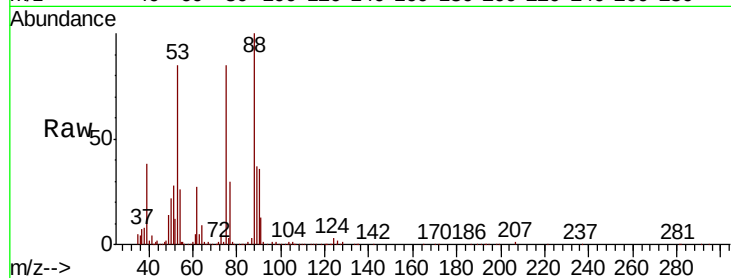
Tot Ion: 75 Resp: 49639

Ion Ratio Lower Upper

75 100

53 104.4 74.7 112.1

89 49.3 36.6 54.8



#82

4-Chlorotoluene

Concen: 20.207 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018165.D

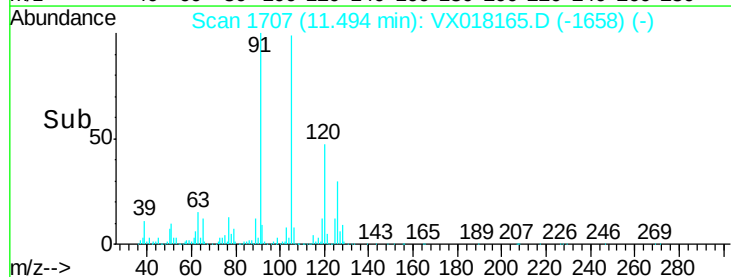
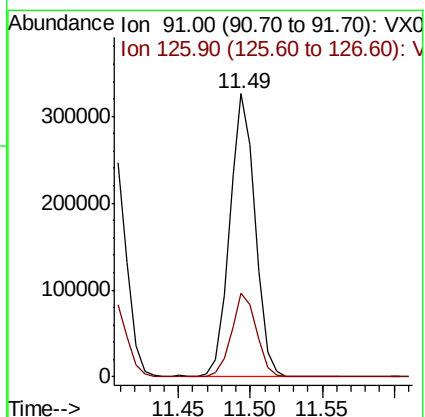
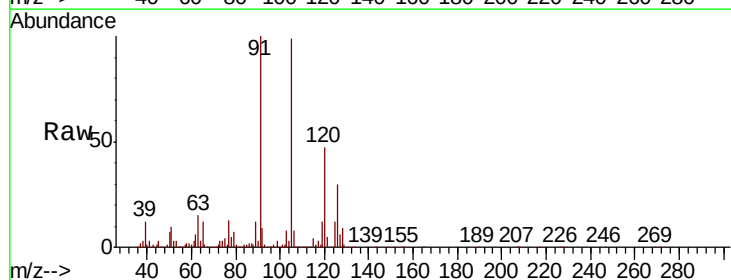
Acq: 31 Aug 2020 23:07

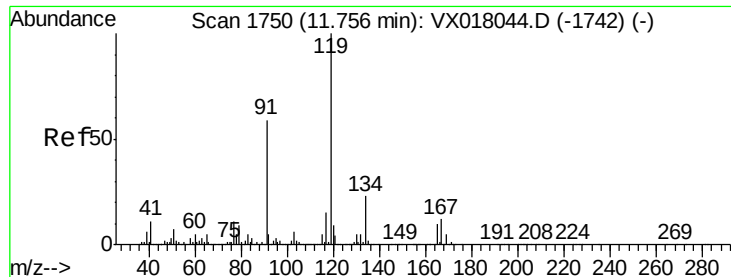
Tgt Ion: 91 Resp: 401340

Ion Ratio Lower Upper

91 100

126 29.4 15.1 45.3

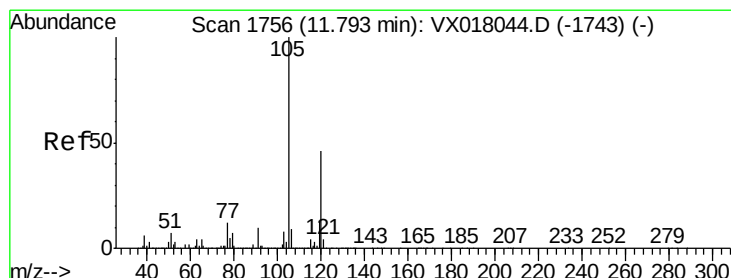
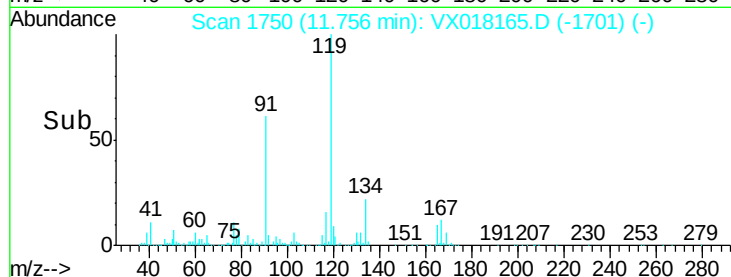
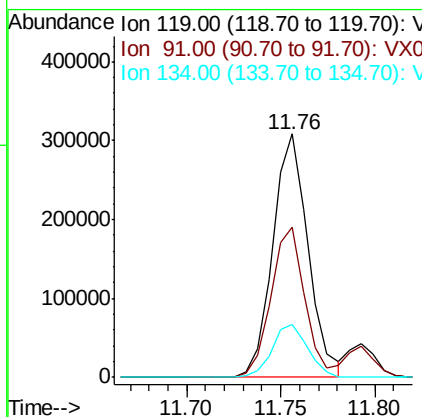
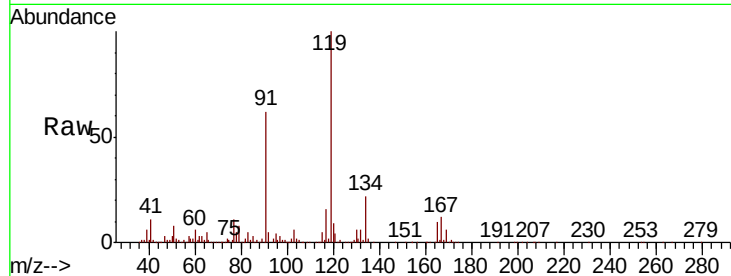




#83
 tert-Butylbenzene
 Concen: 20.669 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX018165.D
 Acq: 31 Aug 2020 23:07

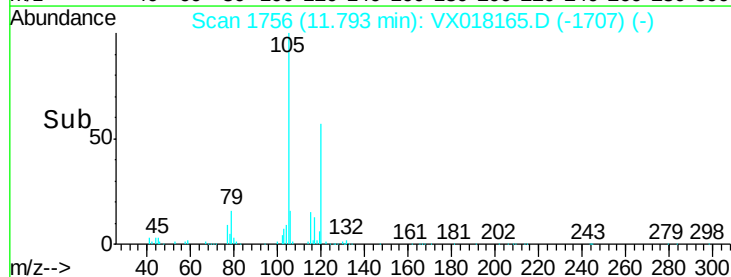
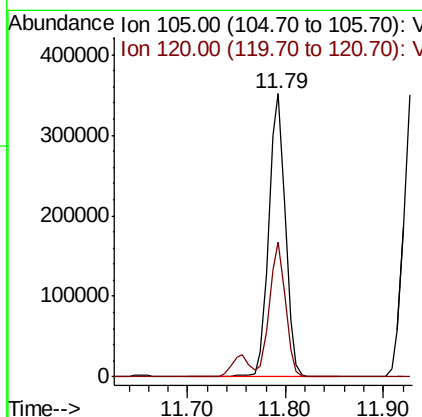
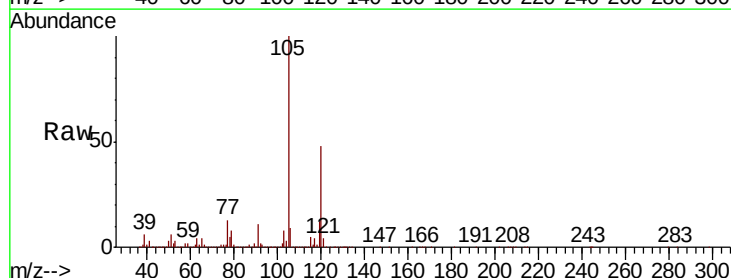
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0831WBSD02

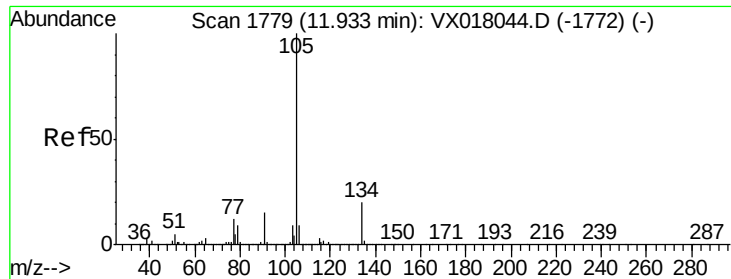
Tot Ion	Ratio	Lower	Upper
119	100		
91	58.9	28.2	84.7
134	22.0	11.3	33.8



#84
 1,2,4-Trimethylbenzene
 Concen: 20.688 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX018165.D
 Acq: 31 Aug 2020 23:07

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.0	22.3	66.9





#85

sec-Butylbenzene

Concen: 20.885 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX018165.D

Acq: 31 Aug 2020 23:07

Instrument :

MSVOA_X

ClientSampleId :

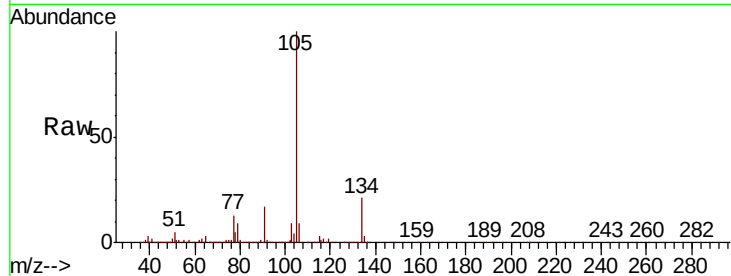
VX0831WBSD02

Tot Ion:105 Resp: 458712

Ion Ratio Lower Upper

105 100

134 20.3 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

400000

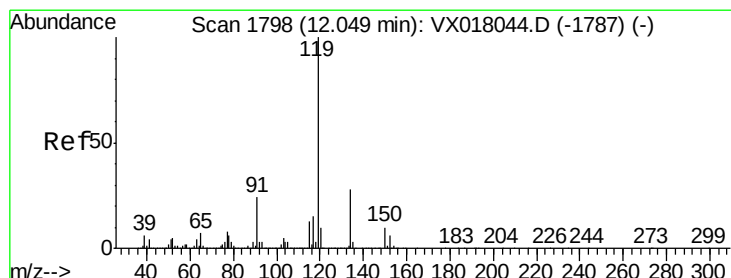
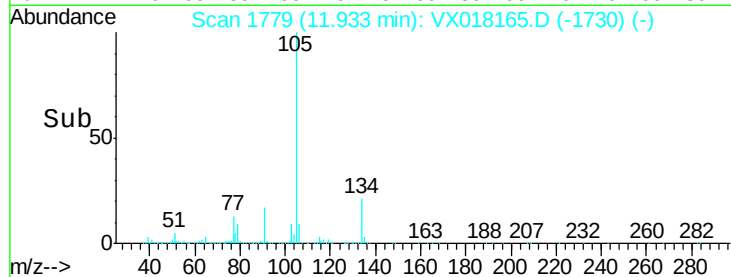
300000

200000

100000

0

Time--> 11.85 11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 21.071 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX018165.D

Acq: 31 Aug 2020 23:07

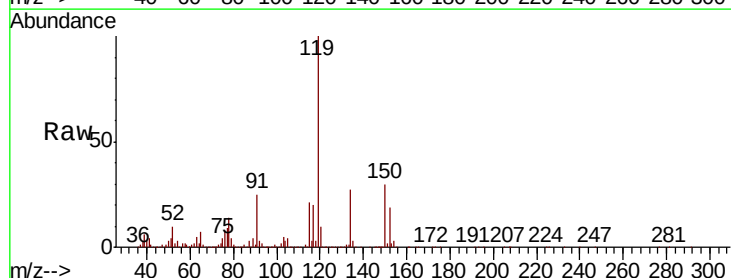
Tgt Ion:119 Resp: 425098

Ion Ratio Lower Upper

119 100

134 26.5 13.2 39.5

91 24.9 11.8 35.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

500000

400000

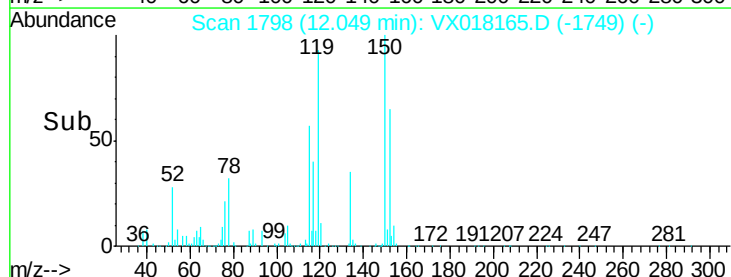
300000

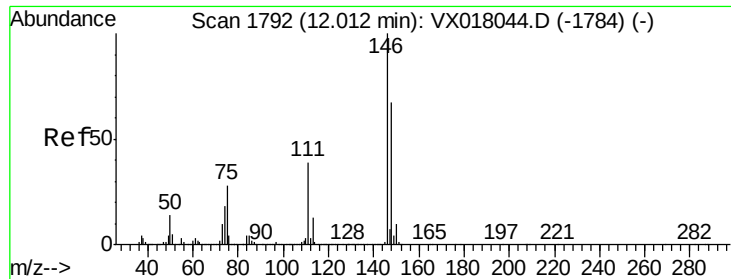
200000

100000

0

Time--> 11.90 12.00 12.10

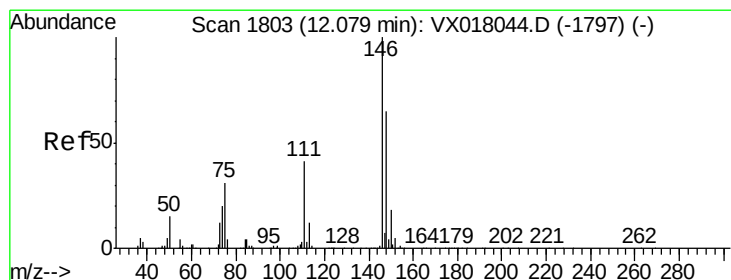
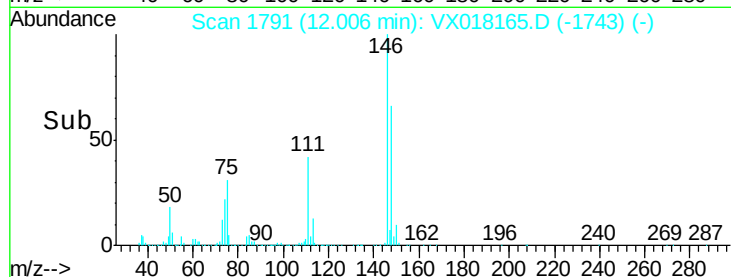
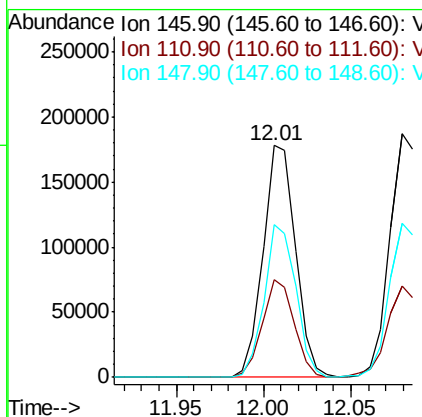
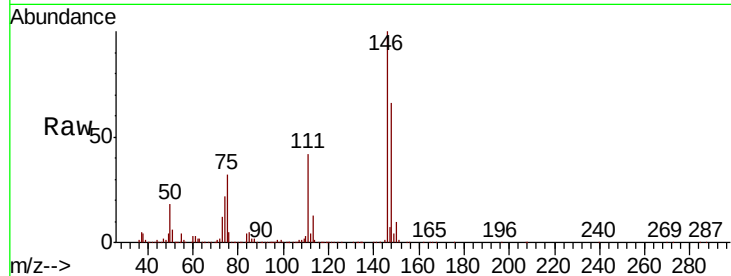




#87
 1,3-Dichlorobenzene
 Concen: 19.895 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX018165.D
 Acq: 31 Aug 2020 23:07

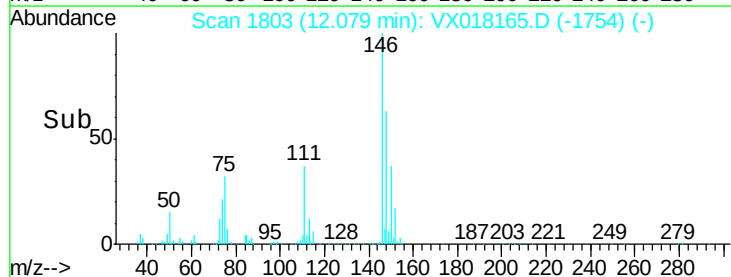
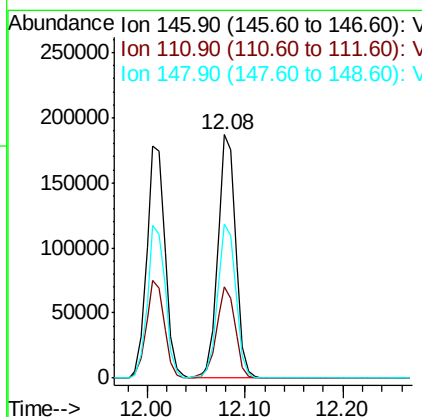
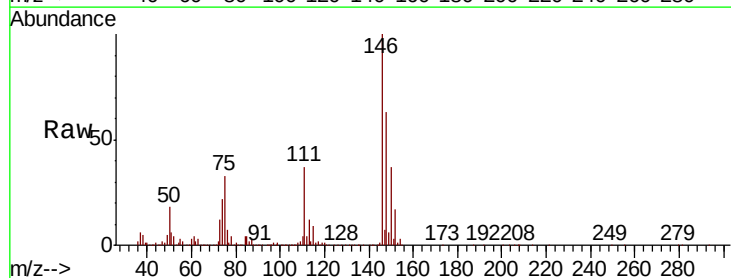
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0831WBSD02

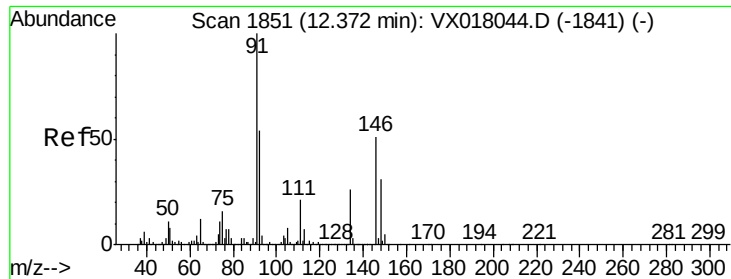
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.5	20.6	61.8
148	64.3	33.1	99.2



#88
 1,4-Dichlorobenzene
 Concen: 20.345 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX018165.D
 Acq: 31 Aug 2020 23:07

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.3	20.3	60.8
148	64.8	33.1	99.2

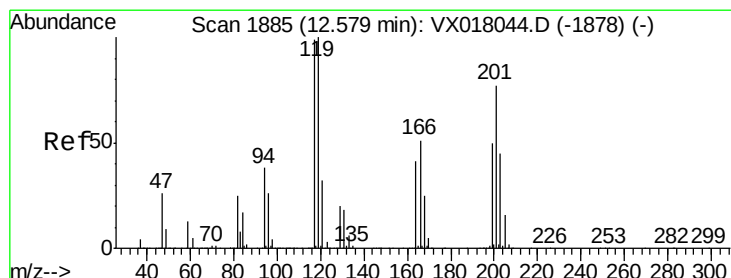
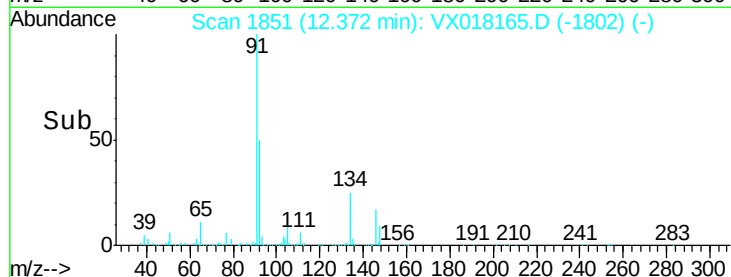
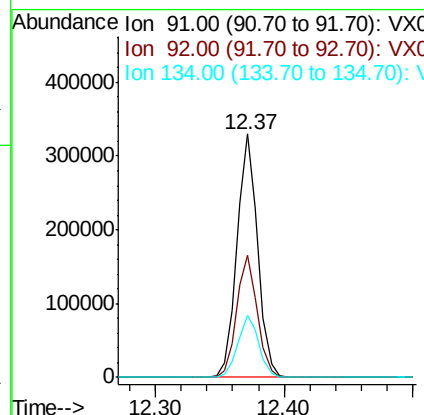
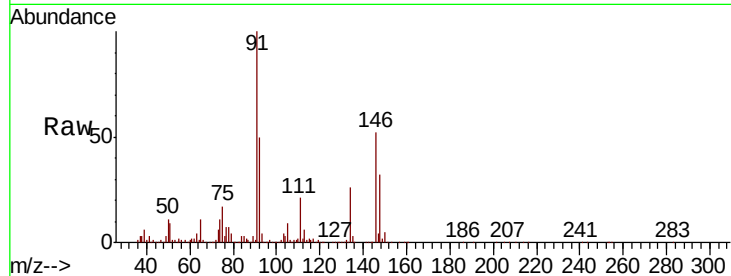




#89
n-Butylbenzene
Concen: 20.079 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018165.D
Acq: 31 Aug 2020 23:07

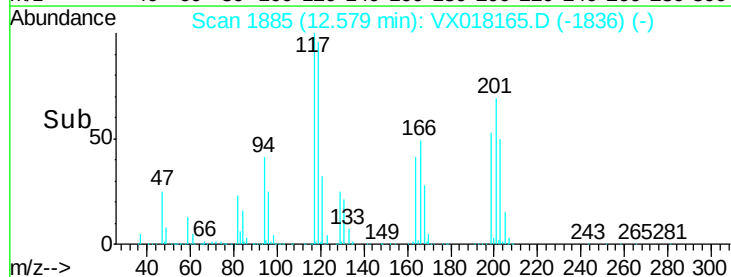
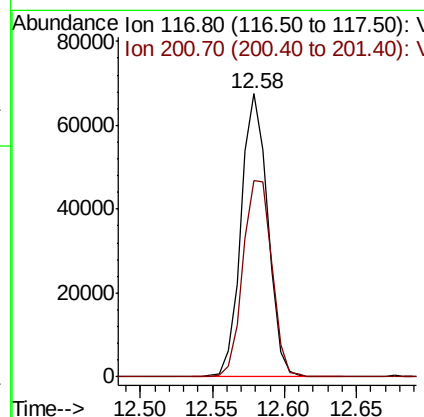
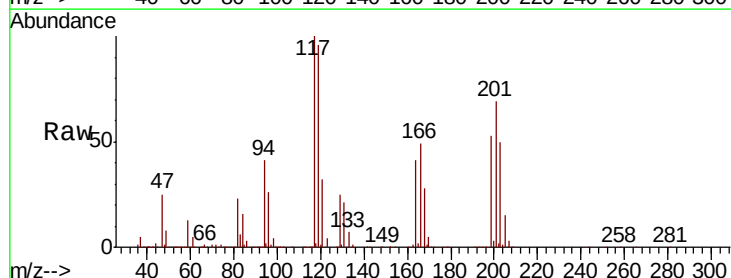
Instrument :
MSVOA_X
ClientSampleId :
VX0831WBSD02

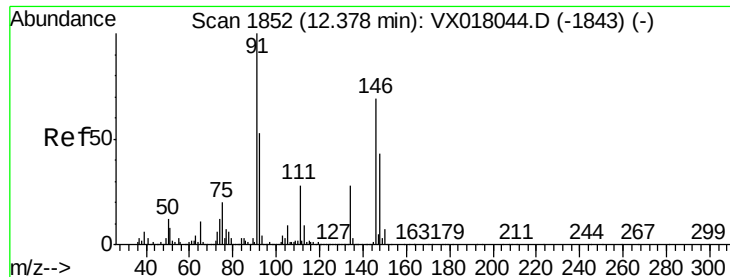
Tot Ion	Ratio	Lower	Upper
91	100		
92	50.1	26.4	79.2
134	25.9	12.9	38.7



#90
Hexachloroethane
Concen: 21.888 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018165.D
Acq: 31 Aug 2020 23:07

Tgt Ion	Ratio	Lower	Upper
117	100		
201	75.1	38.5	115.3

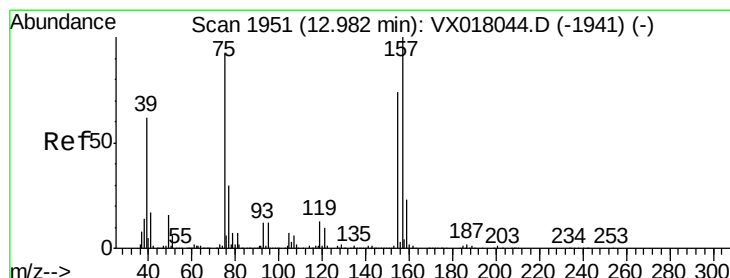
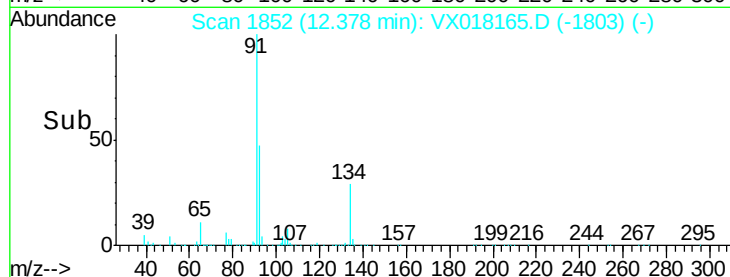
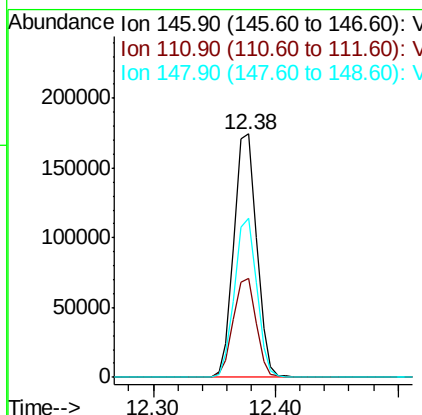
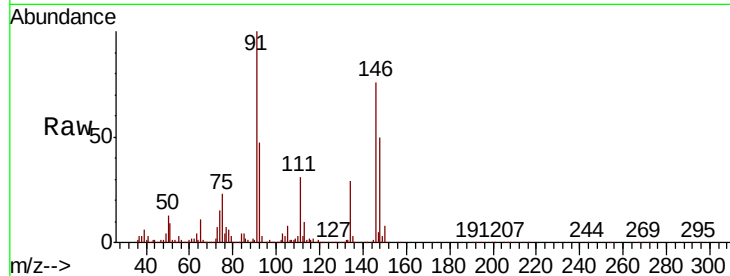




#91
 1,2-Dichlorobenzene
 Concen: 20.654 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX018165.D
 Acq: 31 Aug 2020 23:07

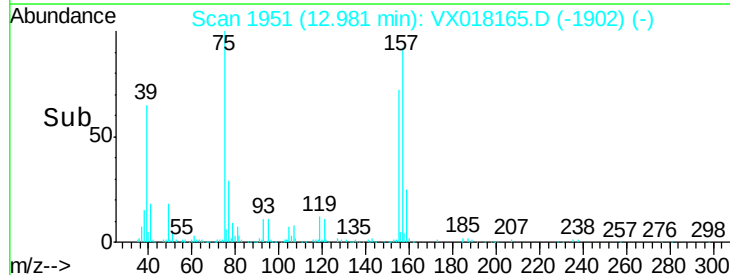
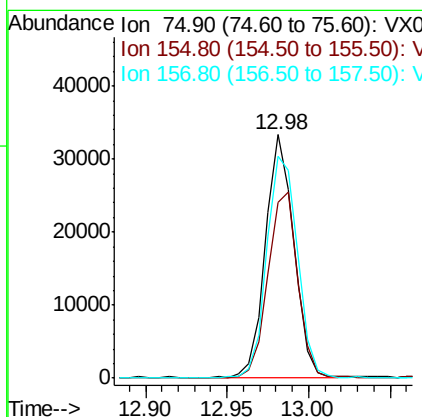
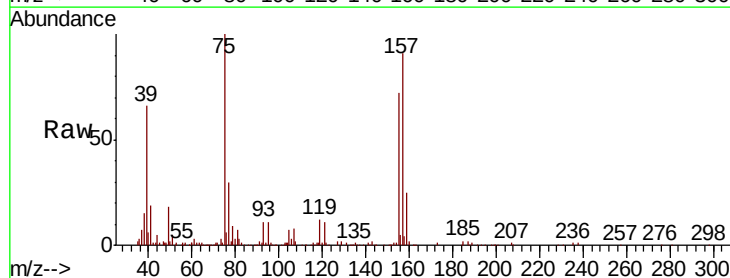
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0831WBSD02

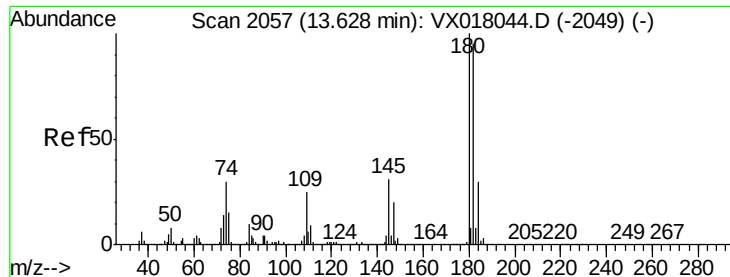
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.8	62.5
148	64.0	31.6	95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.071 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX018165.D
 Acq: 31 Aug 2020 23:07

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.0	40.2	120.6
157	99.4	55.0	165.2

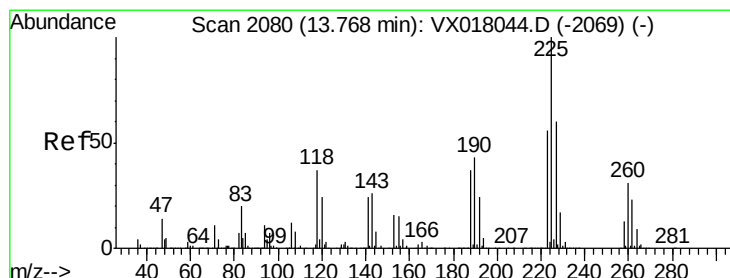
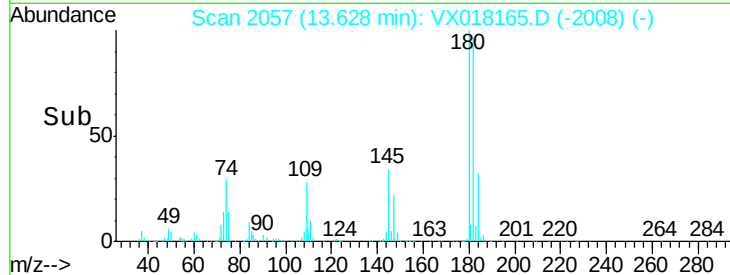
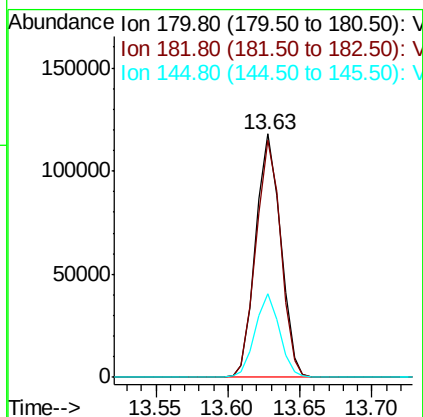
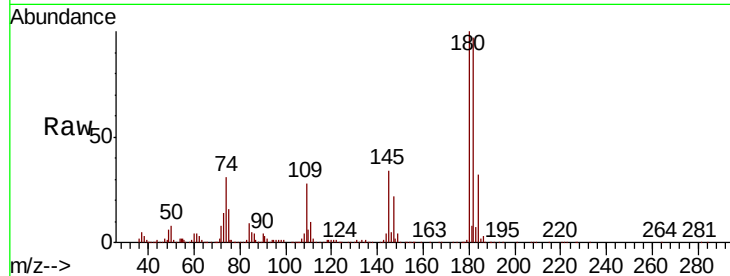




#93
 1,2,4-Trichlorobenzene
 Concen: 19.463 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018165.D
 Acq: 31 Aug 2020 23:07

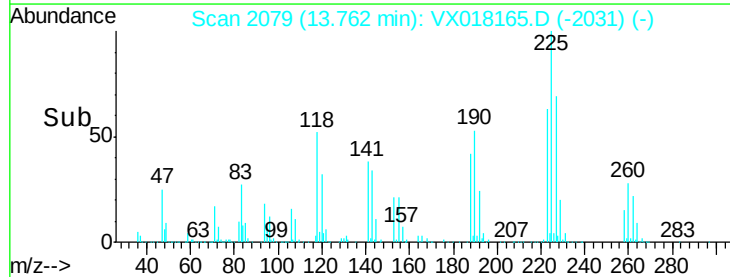
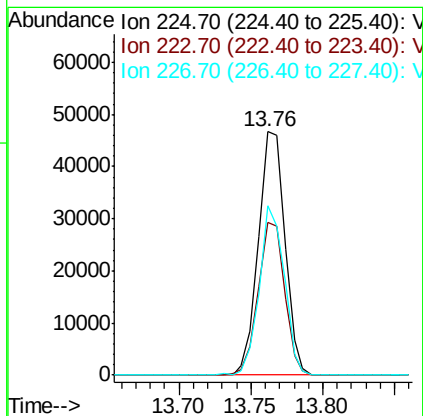
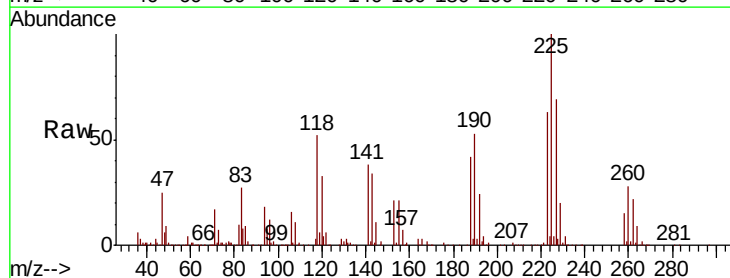
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0831WBSD02

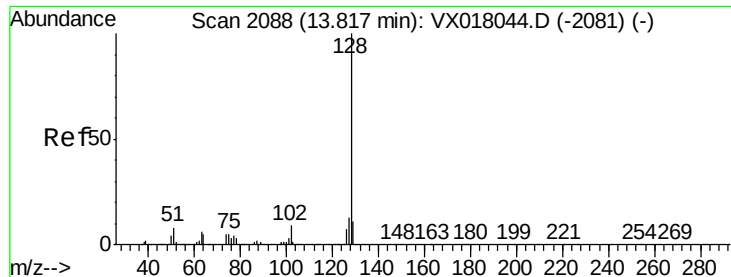
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.4	47.5	142.6
145	33.4	15.7	47.1



#94
 Hexachlorobutadiene
 Concen: 20.737 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX018165.D
 Acq: 31 Aug 2020 23:07

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.0	30.7	92.1
227	64.9	32.6	97.8

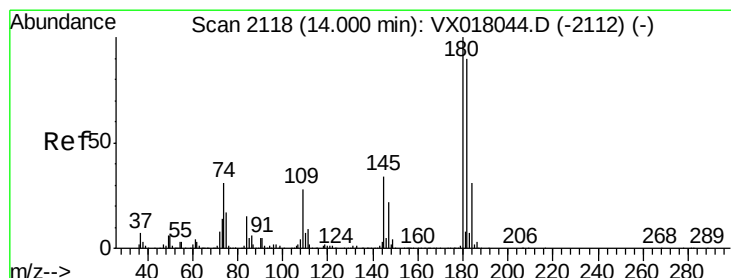
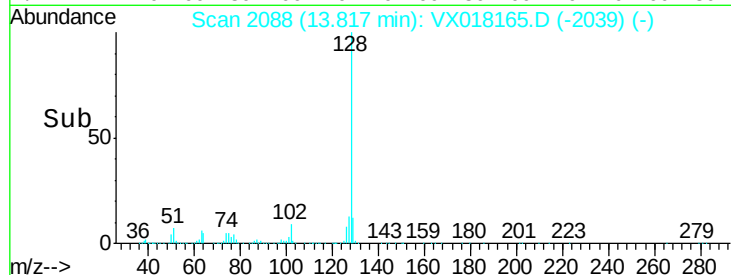
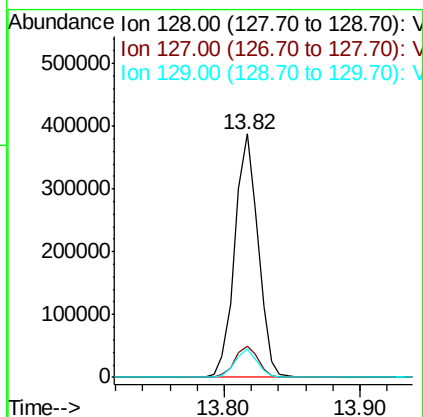
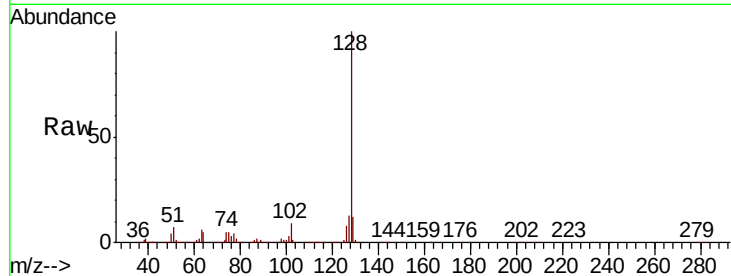




#95
Naphthalene
Concen: 19.360 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX018165.D
Acq: 31 Aug 2020 23:07

Instrument :
MSVOA_X
ClientSampleId :
VX0831WBSD02

Tot Ion:128 Resp: 462264
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 11.3 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 20.317 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX018165.D
Acq: 31 Aug 2020 23:07

Tgt Ion:180 Resp: 145646
Ion Ratio Lower Upper
180 100
182 94.3 47.3 142.0
145 33.0 17.5 52.6

