

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092319\
 Data File : VX012599.D
 Acq On : 23 Sep 2019 12:05
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 23 12:26:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:16:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	185747	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	329254	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	306579	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	145203	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	412553	154.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	309.94%	
35) Dibromofluoromethane	5.49	113	310858	155.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	311.98%	
50) Toluene-d8	8.71	98	1177740	159.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	319.32%	
62) 4-Bromofluorobenzene	11.14	95	486465	158.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	317.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	304522	271.526	ug/l	98
3) Chloromethane	1.31	50	352730	345.413	ug/l	99
4) Vinyl Chloride	1.40	62	365632	331.273	ug/l	96
5) Bromomethane	1.62	94	145176	334.799	ug/l	97
6) Chloroethane	1.69	64	152168	176.182	ug/l	96
7) Trichlorofluoromethane	1.91	101	495354	244.828	ug/l	97
8) Diethyl Ether	2.18	74	200548	219.451	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	304615	208.085	ug/l	96
10) Methyl Iodide	2.49	142	347429	311.153	ug/l	95
11) Tert butyl alcohol	3.06	59	515048	719.510	ug/l	100
12) 1,1-Dichloroethene	2.36	96	307063	262.941	ug/l	99
13) Acrolein	2.28	56	287577	1115.778	ug/l	98
14) Allyl chloride	2.71	41	609753	224.272	ug/l	98
15) Acrylonitrile	3.14	53	1070759	928.188	ug/l	98
16) Acetone	2.44	43	1017997	755.744	ug/l	99
17) Carbon Disulfide	2.55	76	881811	609.572	ug/l	99
18) Methyl Acetate	2.76	43	496215	178.879	ug/l	97
19) Methyl tert-butyl Ether	3.19	73	1151797	180.893	ug/l	99
20) Methylene Chloride	2.84	84	354135	219.807	ug/l	95
21) trans-1,2-Dichloroethene	3.15	96	333950	275.382	ug/l	97
22) Diisopropyl ether	3.85	45	1143724	179.664	ug/l	91
23) Vinyl Acetate	3.81	43	5207748	994.486	ug/l	97
24) 1,1-Dichloroethane	3.69	63	627580	206.045	ug/l	99
25) 2-Butanone	4.67	43	1559001	844.246	ug/l	98
26) 2,2-Dichloropropane	4.57	77	552891	184.573	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	386808	213.523	ug/l	95
28) Bromochloromethane	5.00	49	210643	134.147	ug/l	99
29) Tetrahydrofuran	5.12	42	971573	952.389	ug/l	98
30) Chloroform	5.20	83	631917	180.650	ug/l	96
31) Cyclohexane	5.57	56	572136	311.173	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	571276	195.399	ug/l	99
36) 1,1-Dichloropropene	5.79	75	478492	239.120	ug/l	98
37) Ethyl Acetate	4.83	43	581064	189.172	ug/l	98
38) Carbon Tetrachloride	5.78	117	497569	199.927	ug/l	99

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 23 12:26:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:16:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	577769	297.010	ug/l	98
40) Benzene	6.13	78	1404793	220.767	ug/l	98
41) Methacrylonitrile	5.03	41	322257	162.937	ug/l	97
42) 1,2-Dichloroethane	6.18	62	532129	180.300	ug/l	100
43) Isopropyl Acetate	6.44	43	967685	175.529	ug/l	98
44) Trichloroethene	7.20	130	362849	216.772	ug/l	94
45) 1,2-Dichloropropane	7.51	63	368330	188.408	ug/l	98
46) Dibromomethane	7.65	93	247364	195.530	ug/l	96
47) Bromodichloromethane	7.89	83	514981	182.822	ug/l	99
48) Methyl methacrylate	7.76	41	477422	183.712	ug/l	94
49) 1,4-Dioxane	7.74	88	208287	3293.115	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	2992829	827.809	ug/l	96
52) Toluene	8.78	92	891787	217.493	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	606827	207.242	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	630758	208.075	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	361373	171.069	ug/l	97
56) Ethyl methacrylate	9.17	69	655278	198.402	ug/l	94
57) 1,3-Dichloropropane	9.37	76	628960	186.611	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1440540	842.590	ug/l	99
59) 2-Hexanone	9.49	43	2296333	814.135	ug/l	96
60) Dibromochloromethane	9.58	129	403980	187.745	ug/l	100
61) 1,2-Dibromoethane	9.67	107	385013	199.561	ug/l	99
64) Tetrachloroethene	9.33	164	296344	210.942	ug/l	95
65) Chlorobenzene	10.14	112	965556	190.819	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	365938	174.252	ug/l	99
67) Ethyl Benzene	10.25	91	1770989	203.714	ug/l	99
68) m/p-Xylenes	10.35	106	1318962	416.980	ug/l	100
69) o-Xylene	10.70	106	647330	198.995	ug/l	100
70) Styrene	10.71	104	1146493	199.198	ug/l	99
71) Bromoform	10.85	173	289768	184.489	ug/l	98
73) Isopropylbenzene	11.01	105	1718426	188.618	ug/l	100
74) N-amyl acetate	10.90	43	861954	175.729	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	574603	160.779	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	718371	215.376	ug/l	87
77) Bromobenzene	11.25	156	399659	179.871	ug/l	98
78) n-propylbenzene	11.35	91	1979993	194.993	ug/l	100
79) 2-Chlorotoluene	11.42	91	1191993	180.444	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1462839	188.270	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	218648	194.691	ug/l	94
82) 4-Chlorotoluene	11.51	91	1406964	185.578	ug/l	98
83) tert-Butylbenzene	11.77	119	1427841	171.496	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	1496440	187.573	ug/l	99
85) sec-Butylbenzene	11.95	105	1655077	180.402	ug/l	100
86) p-Isopropyltoluene	12.06	119	1524842	181.003	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	726806	173.893	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	722495	168.282	ug/l	99
89) n-Butylbenzene	12.39	91	1391921	185.179	ug/l	99
90) Hexachloroethane	12.59	117	289720	187.558	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	702317	160.770	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	153911	166.113	ug/l	98

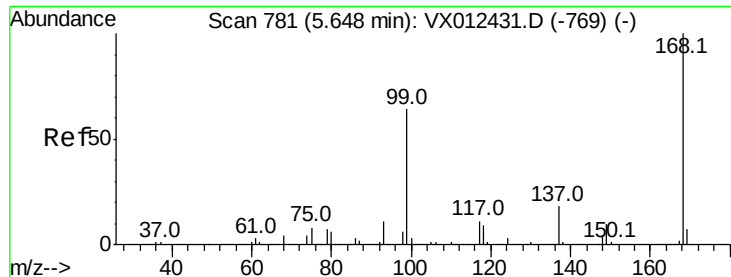
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092319\
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Quant Time: Sep 23 12:26:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:16:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	463411	164.692	ug/l	100
94) Hexachlorobutadiene	13.78	225	191683	144.537	ug/l	98
95) Naphthalene	13.83	128	1692118	169.008	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	452541	157.826	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012599.D

Acq: 23 Sep 2019 12:05

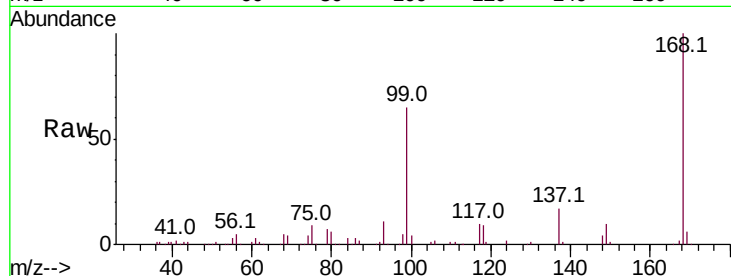
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 185747

Ion Ratio Lower Upper

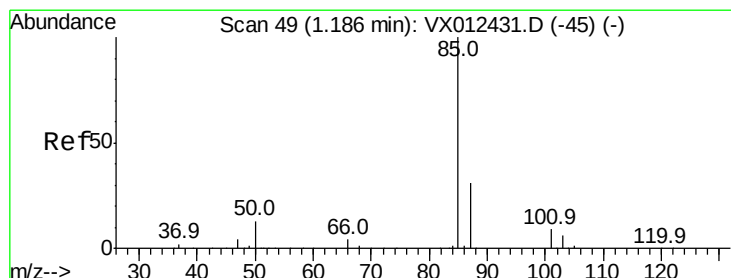
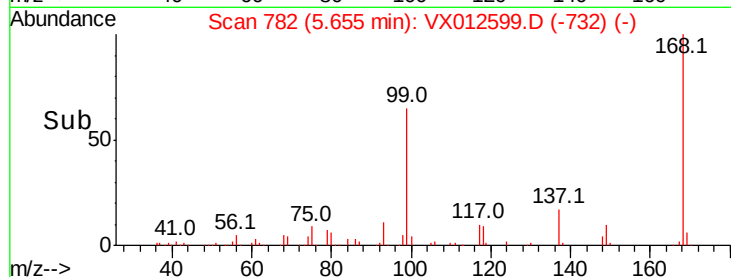
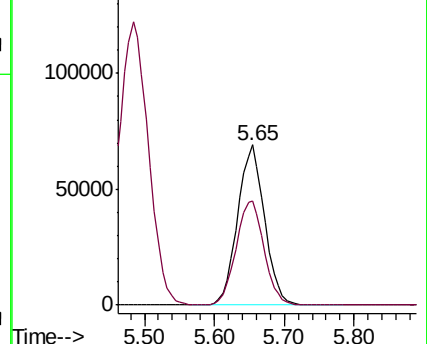
168 100

99 64.3 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 271.526 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX012599.D

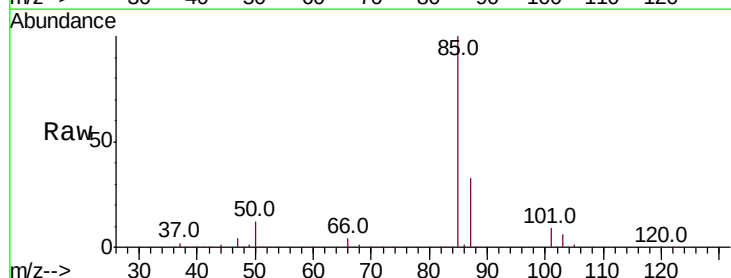
Acq: 23 Sep 2019 12:05

Tgt Ion: 85 Resp: 304522

Ion Ratio Lower Upper

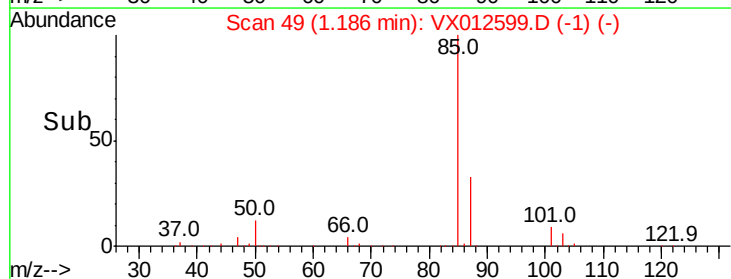
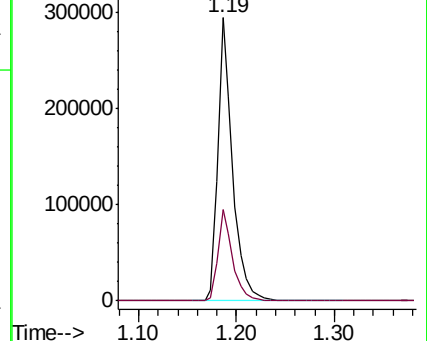
85 100

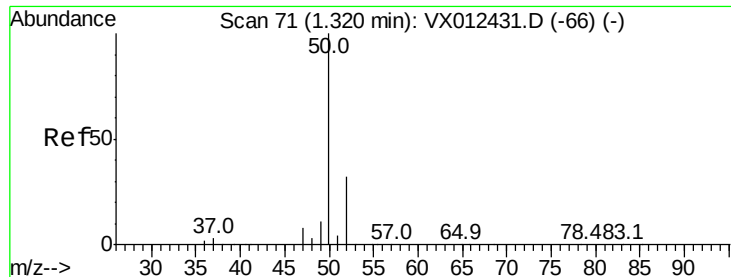
87 32.5 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 345.413 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.01 min

Lab File: VX012599.D

Acq: 23 Sep 2019 12:05

Instrument :

MSVOA_X

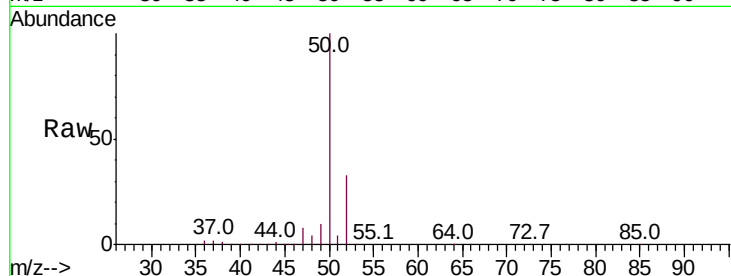
ClientSampleId :

Tot Ion: 50 Resp: 352730

Ion Ratio Lower Upper

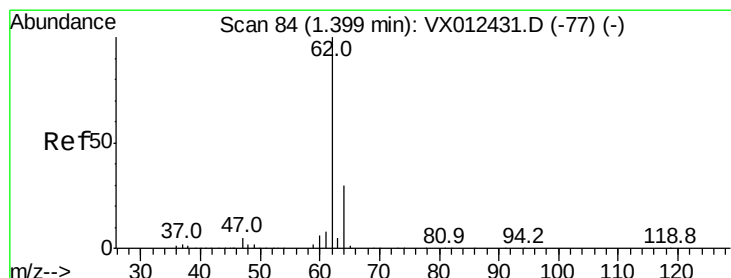
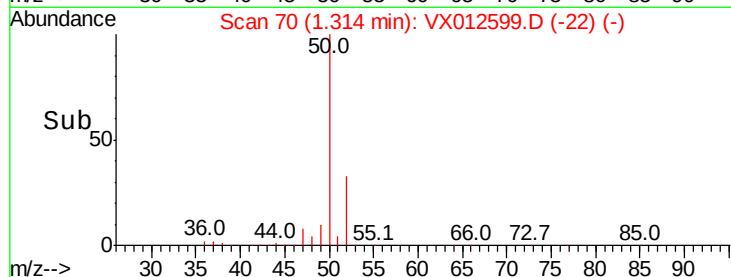
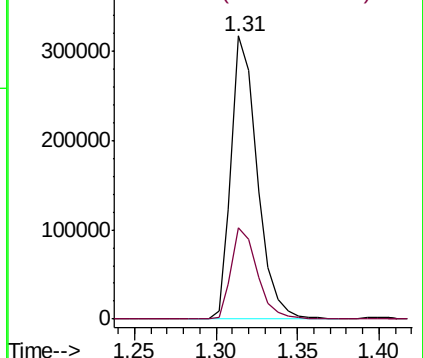
50 100

52 32.5 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 331.273 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012599.D

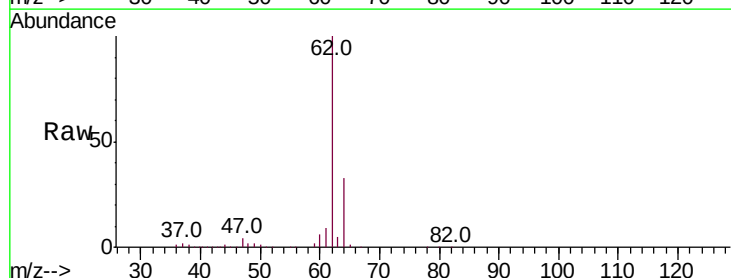
Acq: 23 Sep 2019 12:05

Tgt Ion: 62 Resp: 365632

Ion Ratio Lower Upper

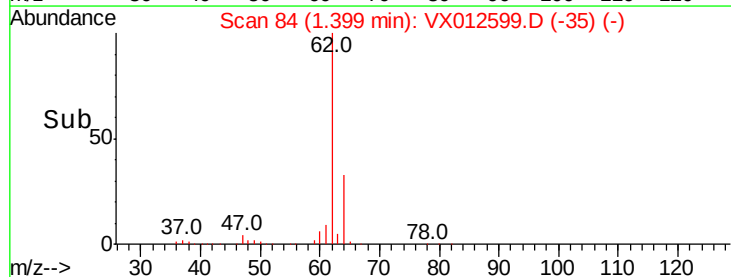
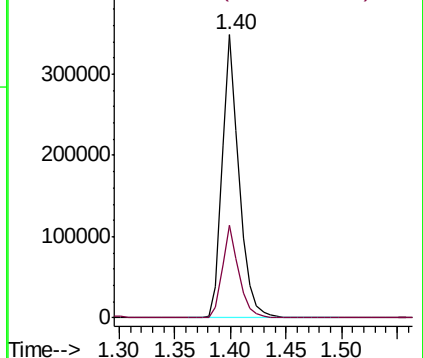
62 100

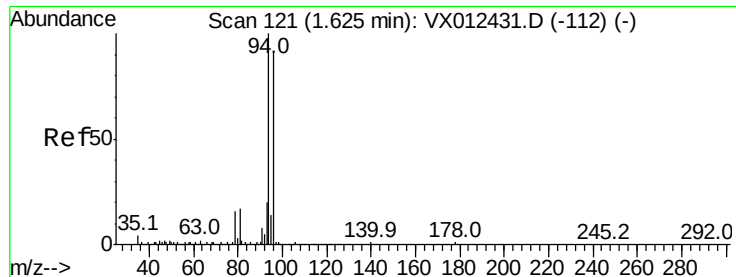
64 32.5 24.2 36.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 334.799 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

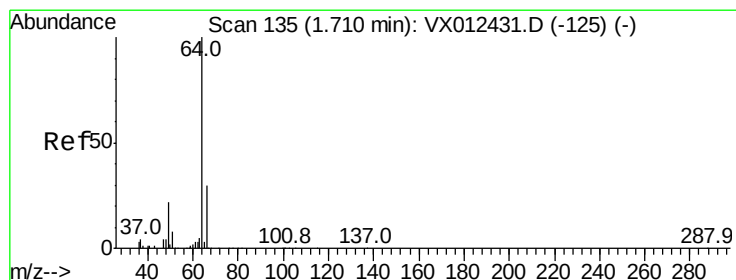
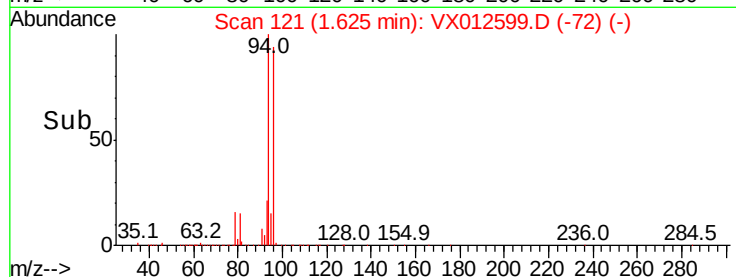
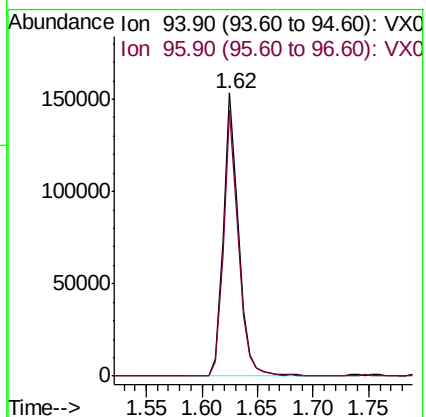
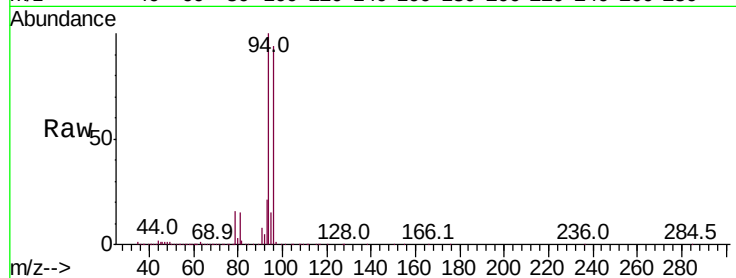
Lab File: VX012599.D

Acq: 23 Sep 2019 12:05

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 94 Resp: 145176

Ion	Ratio	Lower	Upper
94	100		
96	94.0	72.8	109.2



#6

Chloroethane

Concen: 176.182 ug/l

RT: 1.69 min Scan# 132

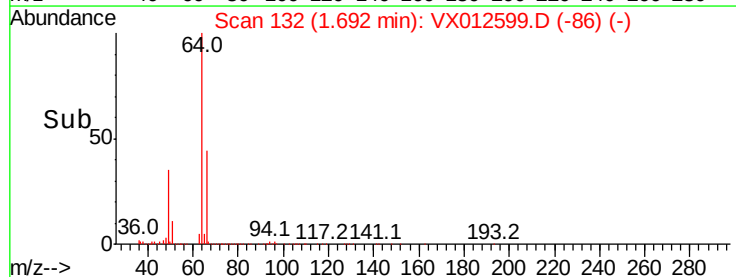
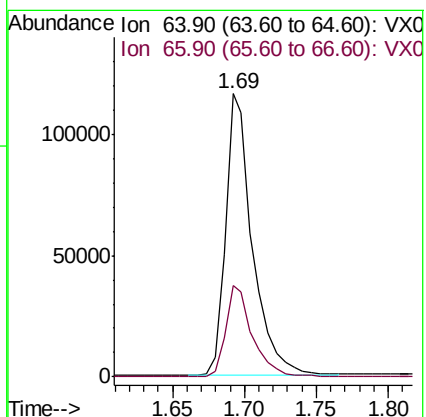
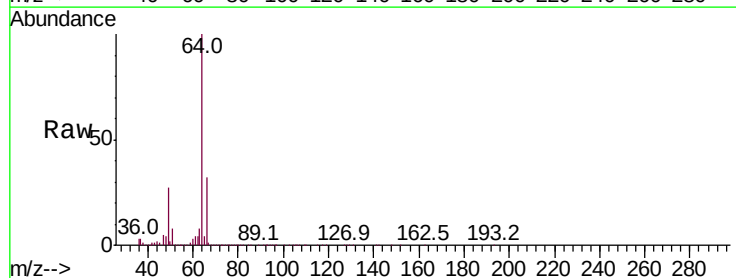
Delta R.T. -0.02 min

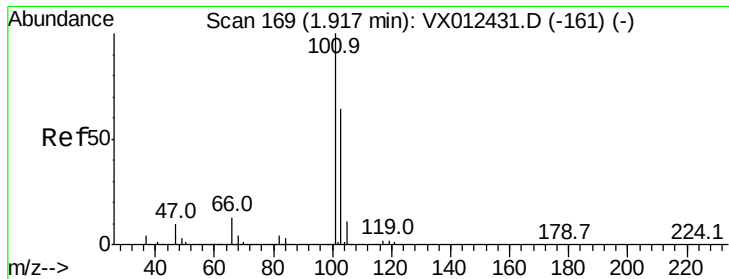
Lab File: VX012599.D

Acq: 23 Sep 2019 12:05

Tgt Ion: 64 Resp: 152168

Ion	Ratio	Lower	Upper
64	100		
66	32.2	24.0	36.0



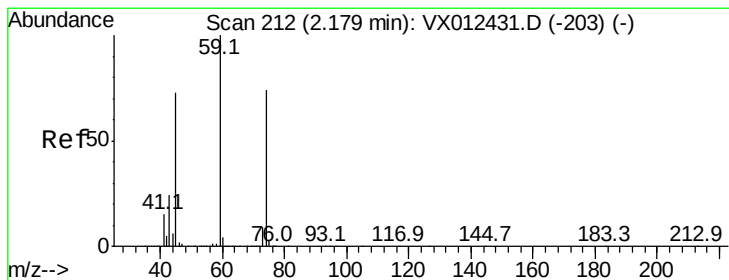
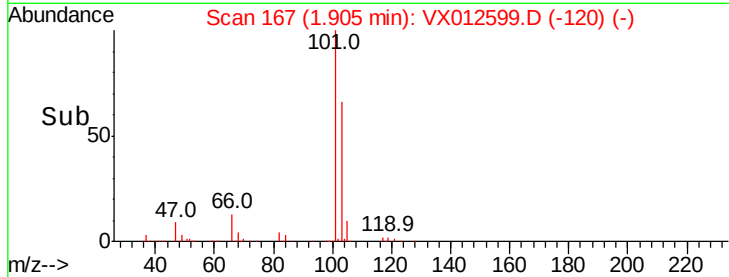
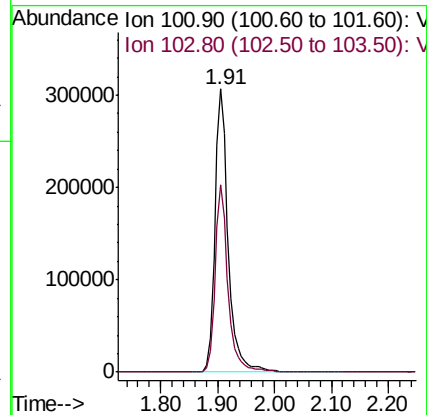
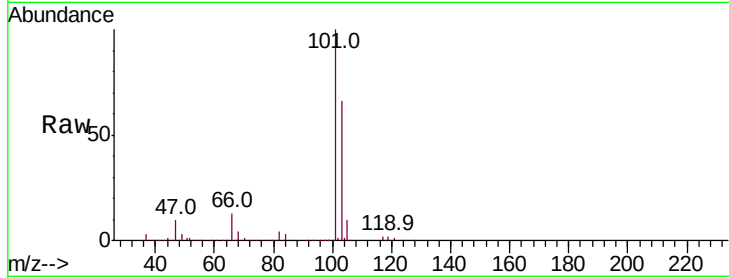


#7

Trichlorofluoromethane
Concen: 244.828 ug/l
RT: 1.91 min Scan# 167
Delta R.T. -0.01 min
Lab File: VX012599.D
Acq: 23 Sep 2019 12:05

Instrument :
MSVOA_X
ClientSampleId :

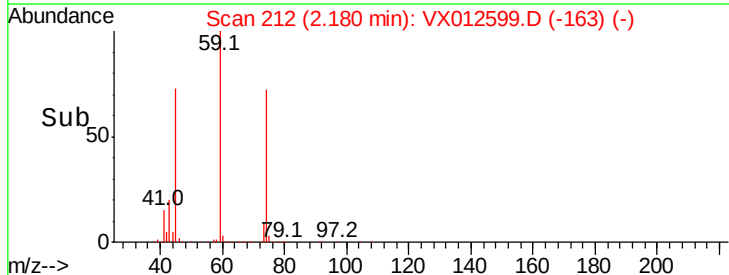
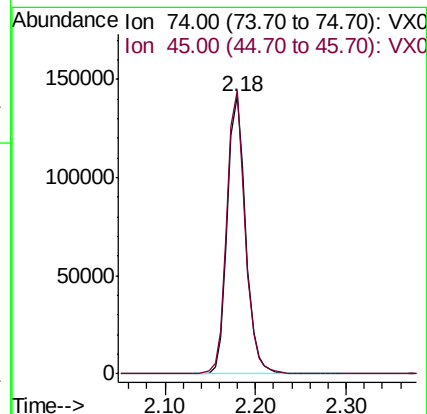
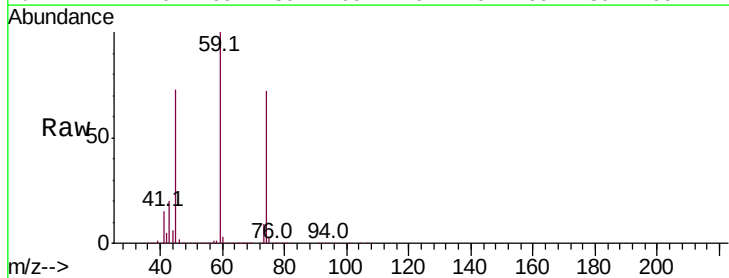
Tot Ion:101 Resp: 495354
Ion Ratio Lower Upper
101 100
103 66.0 51.0 76.4

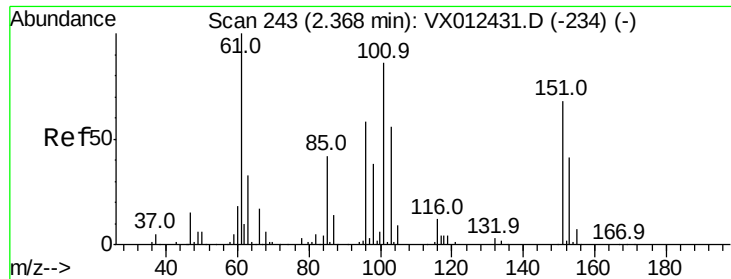


#8

Diethyl Ether
Concen: 219.451 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX012599.D
Acq: 23 Sep 2019 12:05

Tgt Ion: 74 Resp: 200548
Ion Ratio Lower Upper
74 100
45 101.7 49.9 149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 208.085 ug/l

RT: 2.36 min Scan# 242

Delta R.T. -0.01 min

Lab File: VX012599.D

Acq: 23 Sep 2019 12:05

Instrument :

MSVOA_X

ClientSampled :

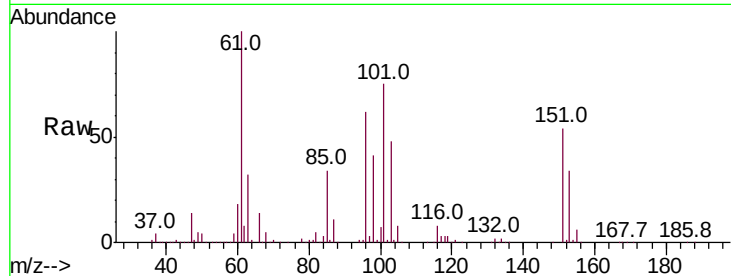
Tot Ion:101 Resp: 304615

Ion Ratio Lower Upper

101 100

85 45.1 37.3 55.9

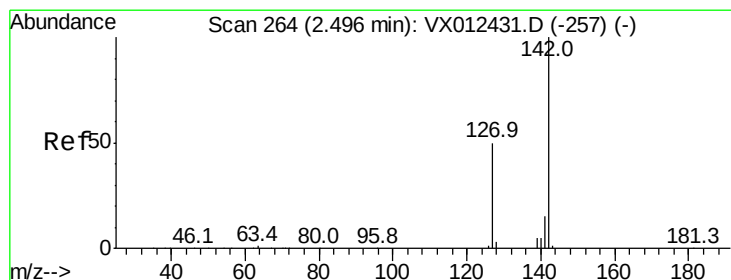
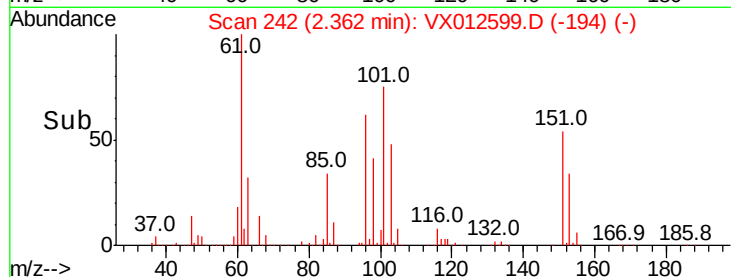
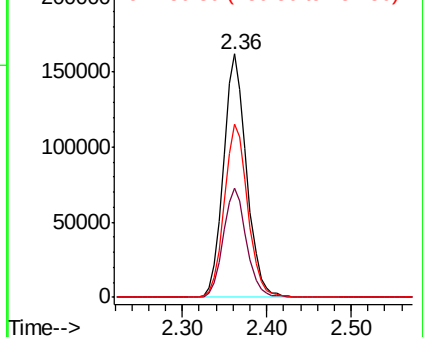
151 72.3 61.0 91.4



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: 311.153 ug/l

RT: 2.49 min Scan# 263

Delta R.T. -0.01 min

Lab File: VX012599.D

Acq: 23 Sep 2019 12:05

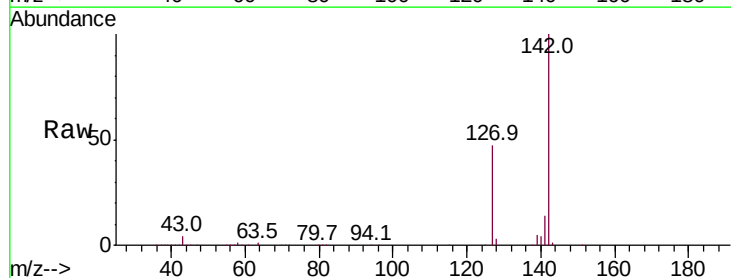
Tgt Ion:142 Resp: 347429

Ion Ratio Lower Upper

142 100

127 46.5 40.8 61.2

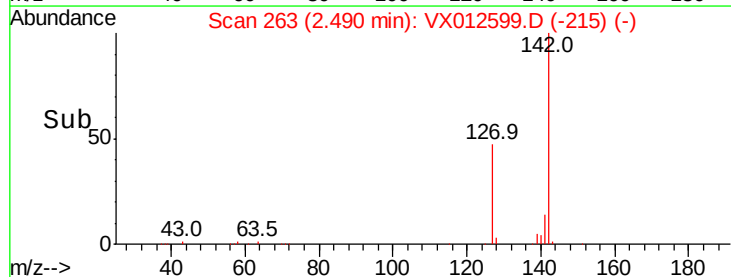
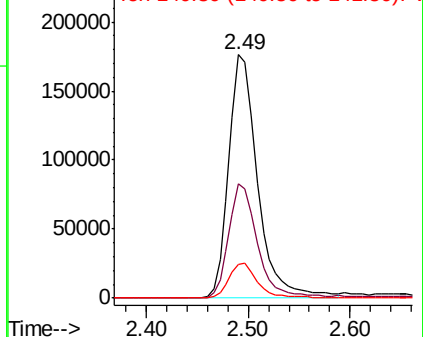
141 14.2 12.1 18.1

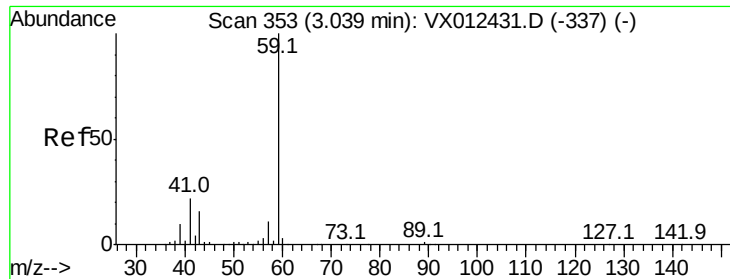


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



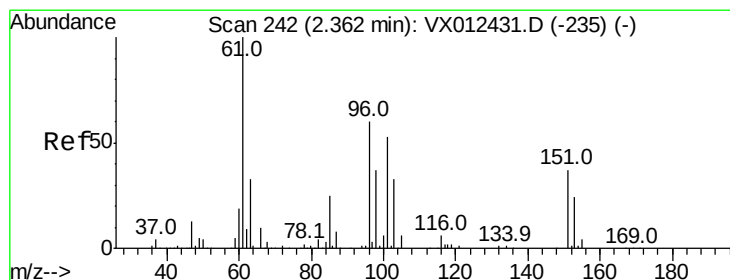
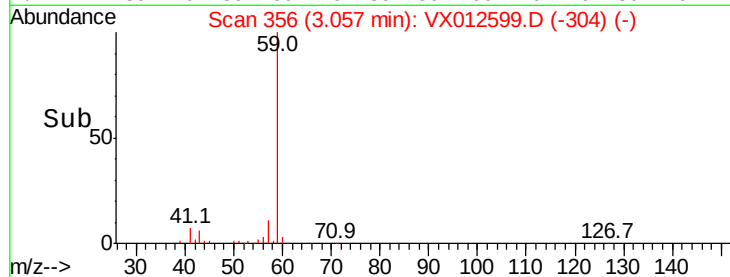
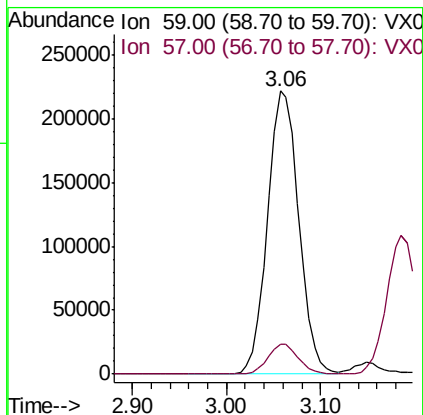
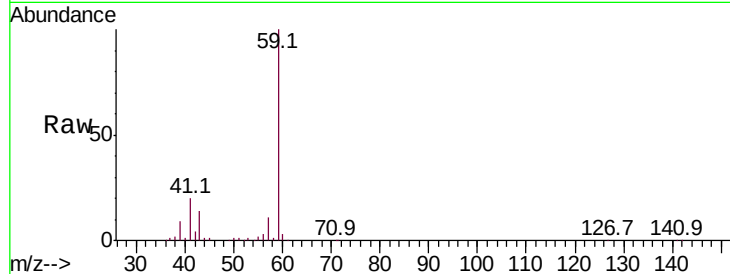


#11

Tert butyl alcohol
Concen: 719.510 ug/l
RT: 3.06 min Scan# 356
Delta R.T. 0.02 min
Lab File: VX012599.D
Acq: 23 Sep 2019 12:05

Instrument :
MSVOA_X
ClientSampled :

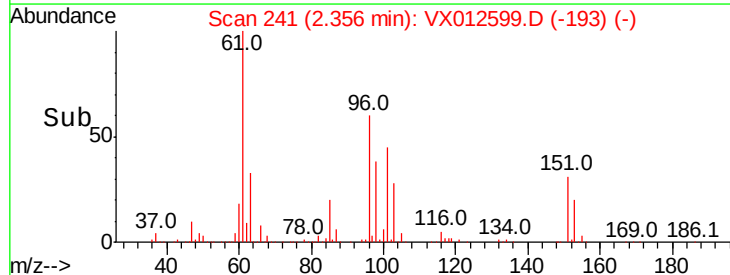
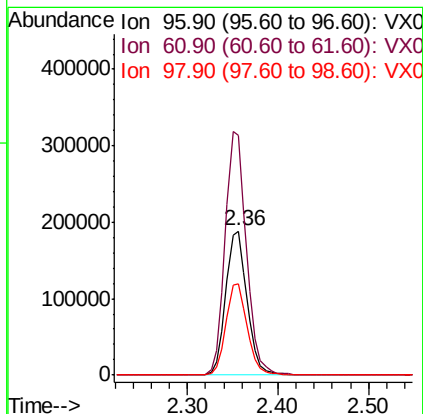
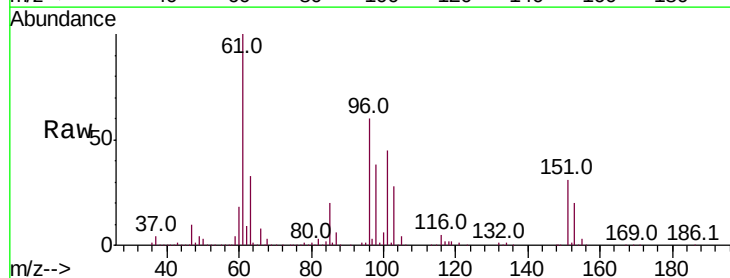
Tot Ion: 59 Resp: 515048
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5

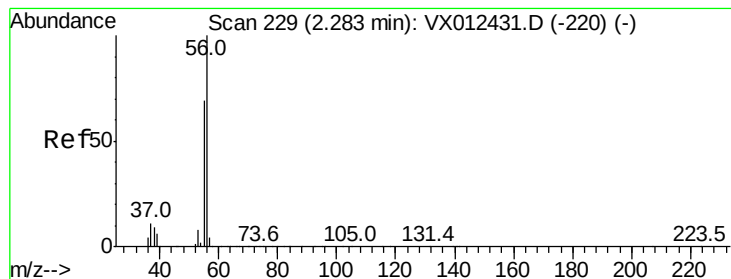


#12

1,1-Dichloroethene
Concen: 262.941 ug/l
RT: 2.36 min Scan# 241
Delta R.T. -0.01 min
Lab File: VX012599.D
Acq: 23 Sep 2019 12:05

Tgt Ion: 96 Resp: 307063
Ion Ratio Lower Upper
96 100
61 167.0 133.8 200.6
98 63.8 49.9 74.9





#13

Acrolein

Concen: 1115.778 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX012599.D

Acq: 23 Sep 2019 12:05

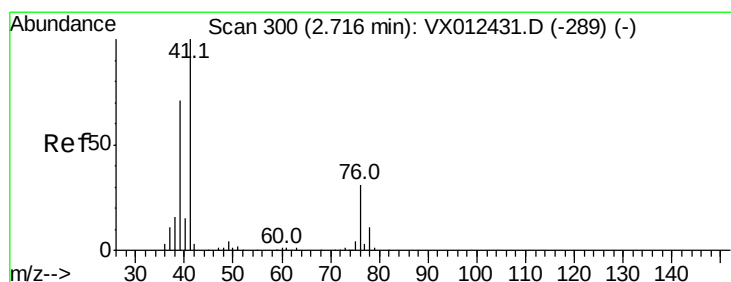
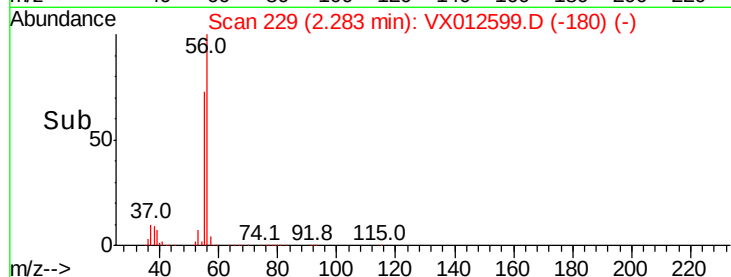
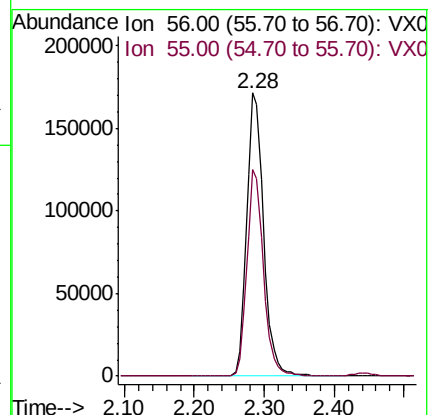
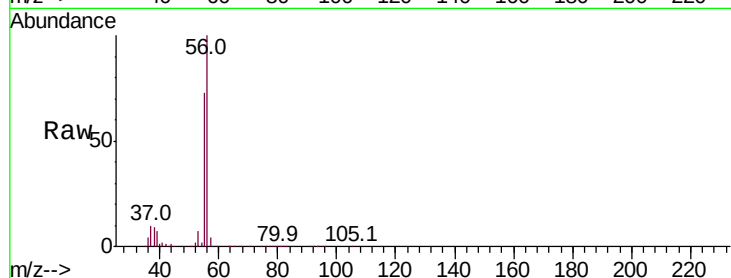
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 287577

Ion Ratio Lower Upper

56 100

55 71.1 55.8 83.8



#14

Allyl chloride

Concen: 224.272 ug/l

RT: 2.71 min Scan# 299

Delta R.T. -0.01 min

Lab File: VX012599.D

Acq: 23 Sep 2019 12:05

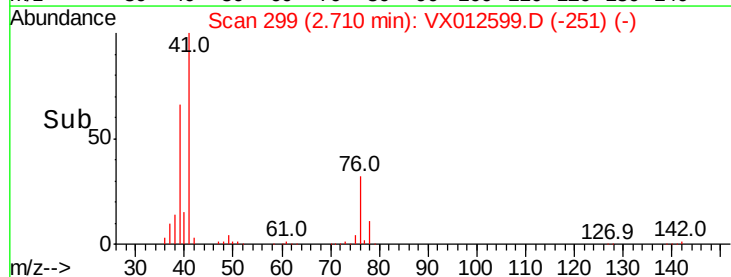
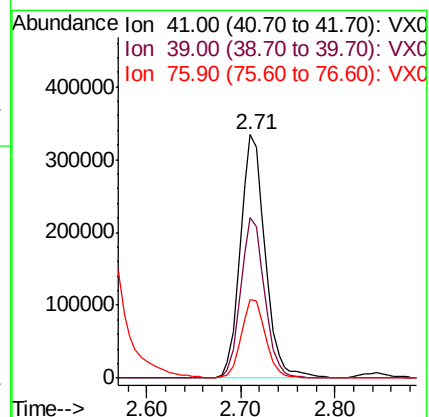
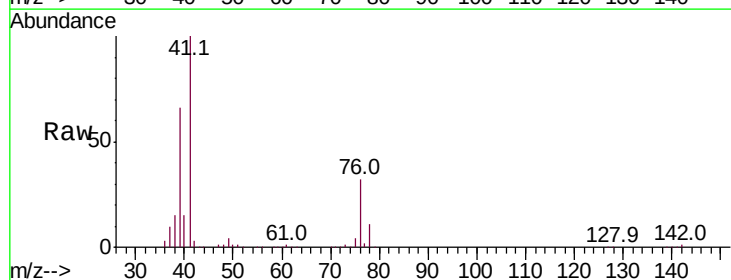
Tgt Ion: 41 Resp: 609753

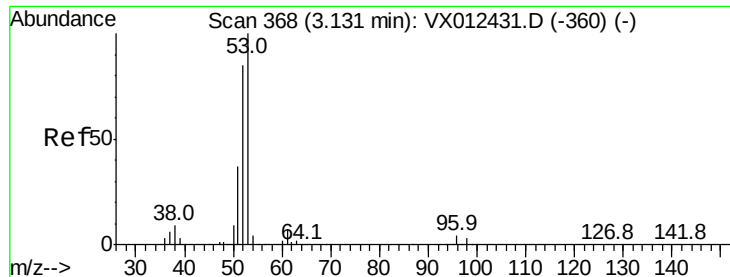
Ion Ratio Lower Upper

41 100

39 63.7 51.3 76.9

76 31.6 22.6 33.8





#15

Acrylonitrile

Concen: 928.188 ug/l

RT: 3.14 min Scan# 369

Delta R.T. 0.01 min

Lab File: VX012599.D

Acq: 23 Sep 2019 12:05

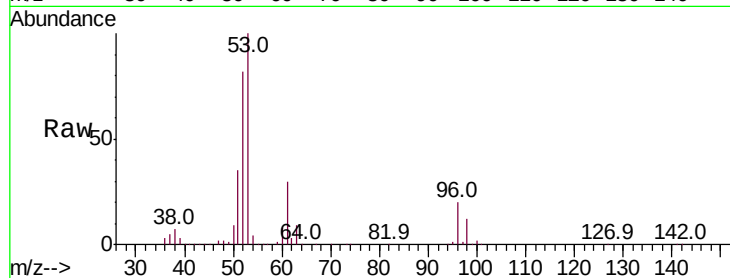
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 53 Resp: 1070759

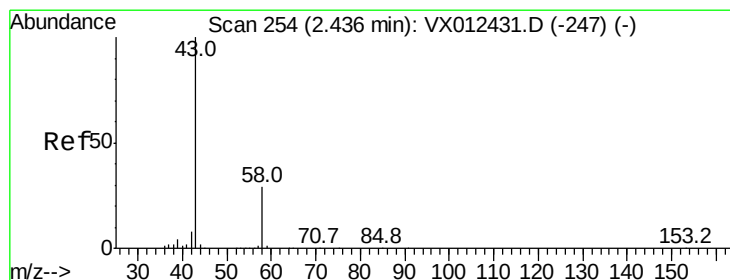
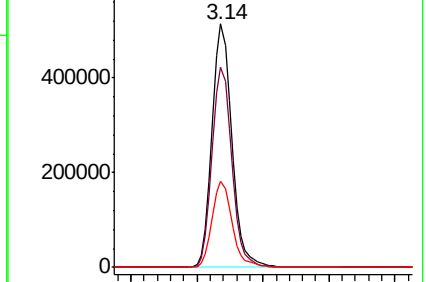
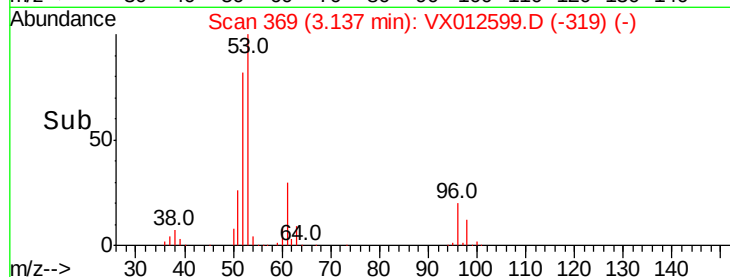
Ion	Ratio	Lower	Upper
53	100		
52	82.4	67.0	100.4
51	35.6	29.6	44.4



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 755.744 ug/l

RT: 2.44 min Scan# 255

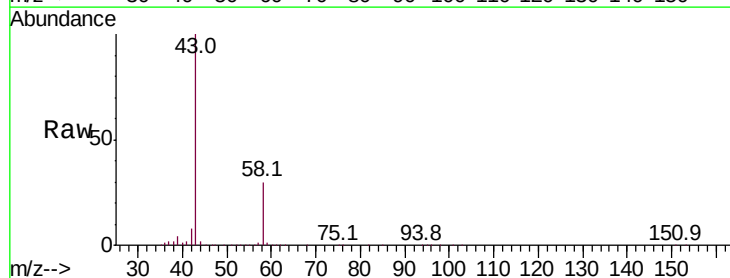
Delta R.T. 0.01 min

Lab File: VX012599.D

Acq: 23 Sep 2019 12:05

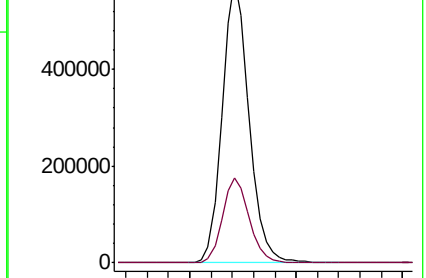
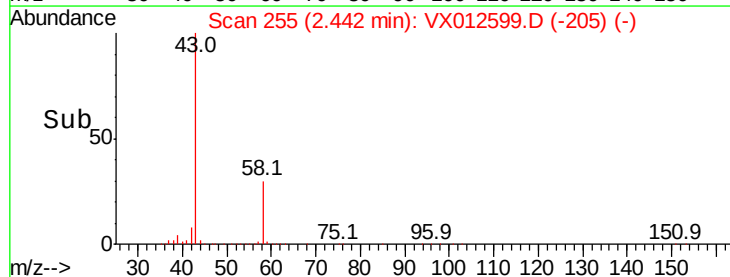
Tgt Ion: 43 Resp: 1017997

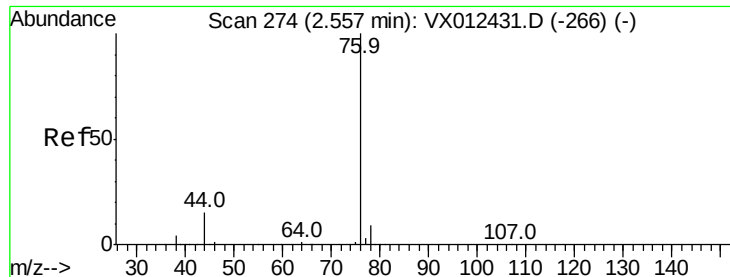
Ion	Ratio	Lower	Upper
43	100		
58	29.8	23.3	34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 609.572 ug/l

RT: 2.55 min Scan# 273

Delta R.T. -0.01 min

Lab File: VX012599.D

Acq: 23 Sep 2019 12:05

Instrument :

MSVOA_X

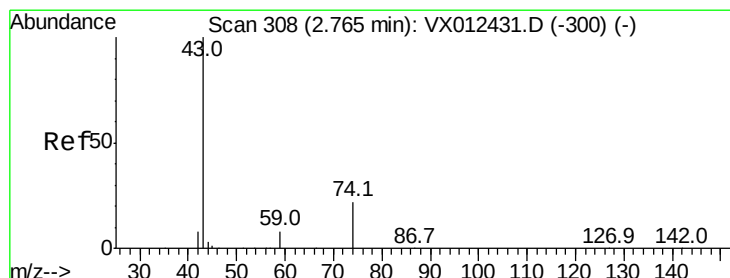
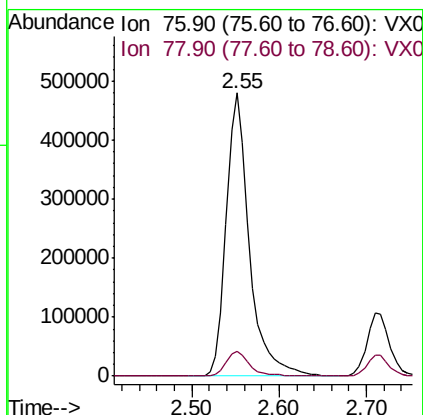
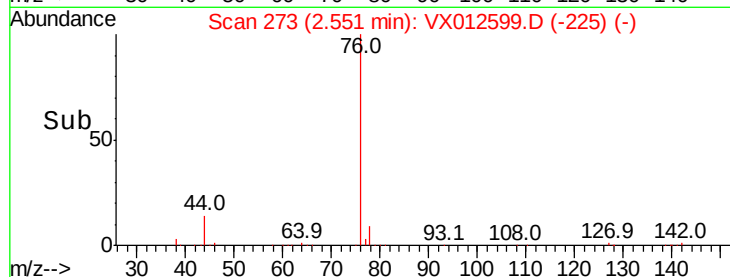
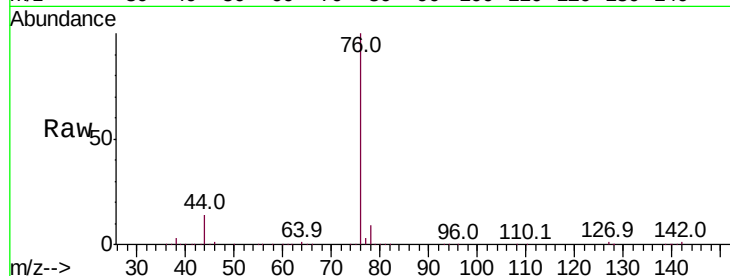
ClientSampleId :

Tot Ion: 76 Resp: 881811

Ion Ratio Lower Upper

76 100

78 8.9 7.3 10.9



#18

Methyl Acetate

Concen: 178.879 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX012599.D

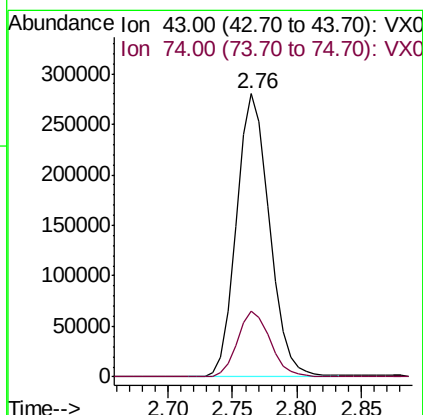
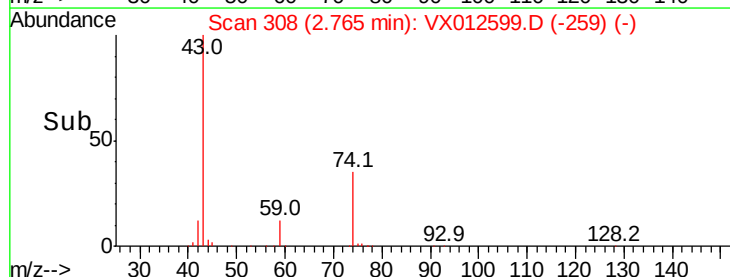
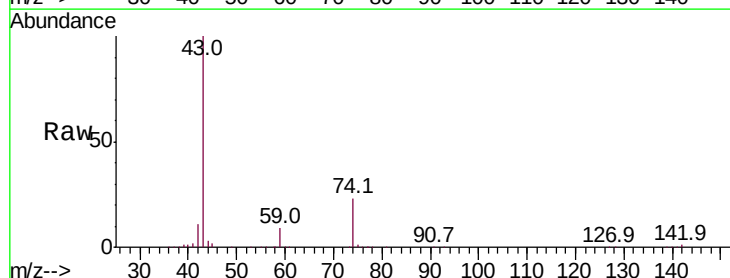
Acq: 23 Sep 2019 12:05

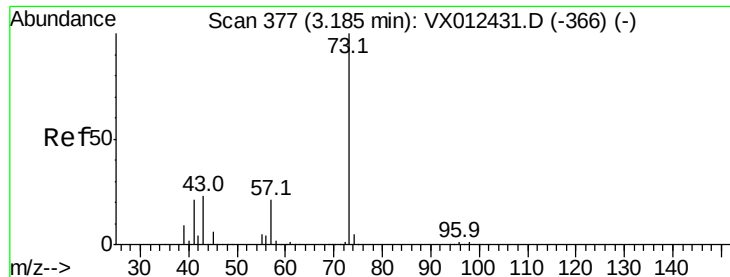
Tgt Ion: 43 Resp: 496215

Ion Ratio Lower Upper

43 100

74 23.4 17.7 26.5



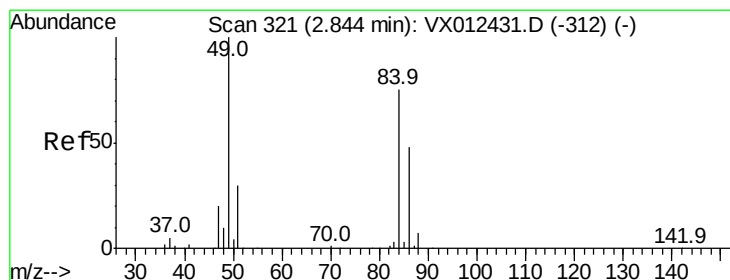
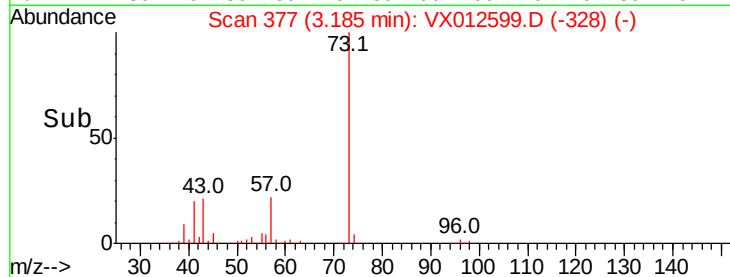
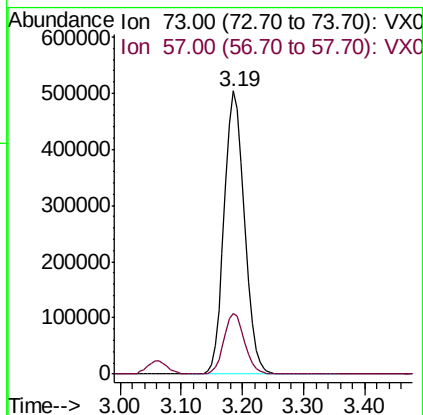
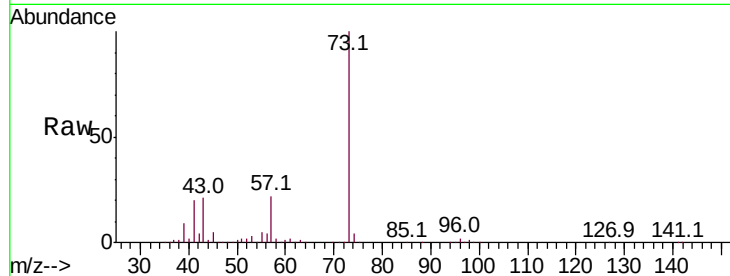


#19

Methyl tert-butyl Ether
 Concen: 180.893 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. 0.00 min
 Lab File: VX012599.D
 Acq: 23 Sep 2019 12:05

Instrument :
 MSVOA_X
 ClientSampleId :

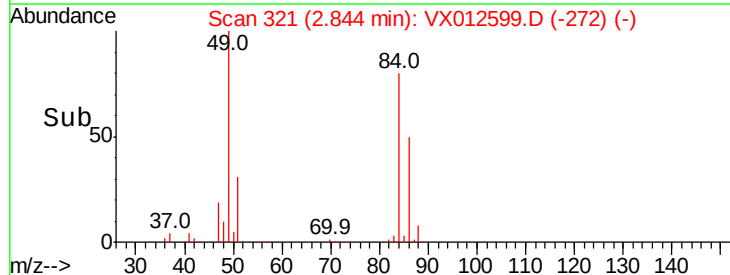
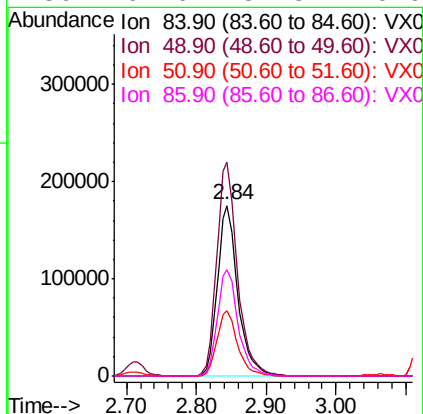
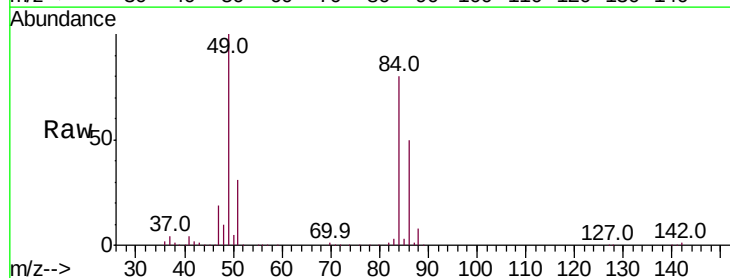
Tot Ion: 73 Resp: 1151797
 Ion Ratio Lower Upper
 73 100
 57 21.6 16.8 25.2

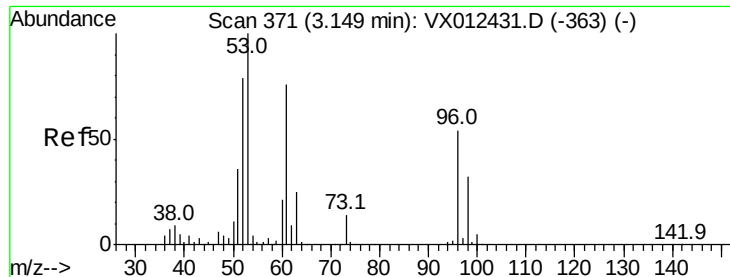


#20

Methylene Chloride
 Concen: 219.807 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. 0.00 min
 Lab File: VX012599.D
 Acq: 23 Sep 2019 12:05

Tgt Ion: 84 Resp: 354135
 Ion Ratio Lower Upper
 84 100
 49 125.4 106.8 160.2
 51 38.5 32.3 48.5
 86 62.6 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 275.382 ug/l

RT: 3.15 min Scan# 371

Delta R.T. 0.00 min

Lab File: VX012599.D

Acq: 23 Sep 2019 12:05

Instrument :
MSVOA_X
ClientSampleId :

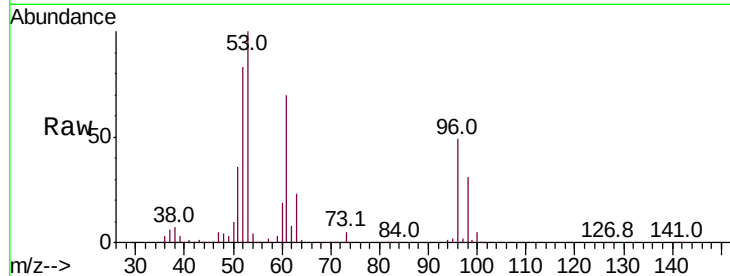
Tot Ion: 96 Resp: 333950

Ion Ratio Lower Upper

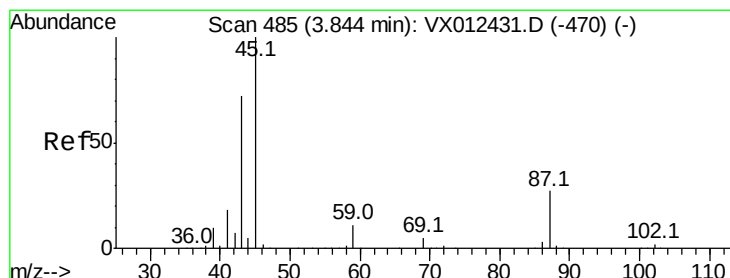
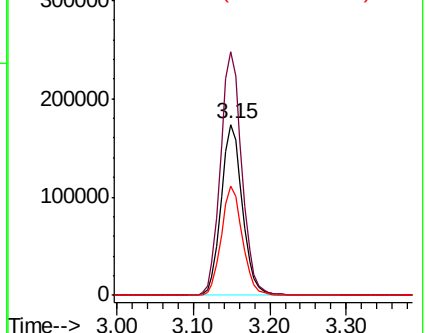
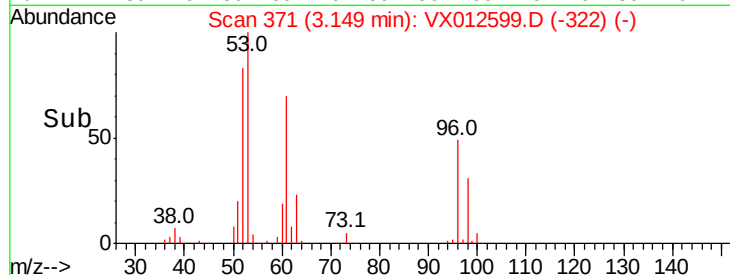
96 100

61 142.1 112.0 168.0

98 63.7 47.8 71.8



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



#22

Diisopropyl ether

Concen: 179.664 ug/l

RT: 3.85 min Scan# 486

Delta R.T. 0.01 min

Lab File: VX012599.D

Acq: 23 Sep 2019 12:05

Tgt Ion: 45 Resp: 1143724

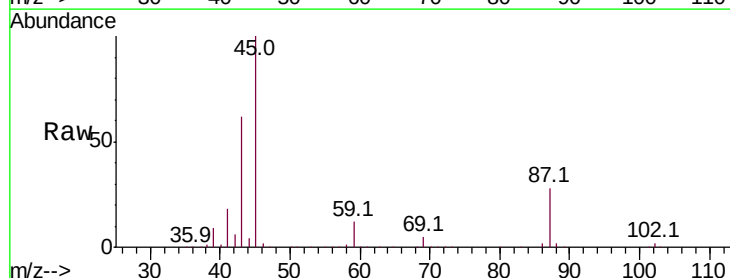
Ion Ratio Lower Upper

45 100

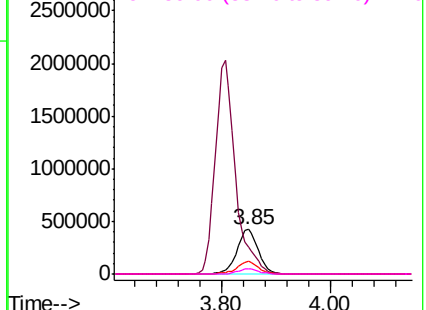
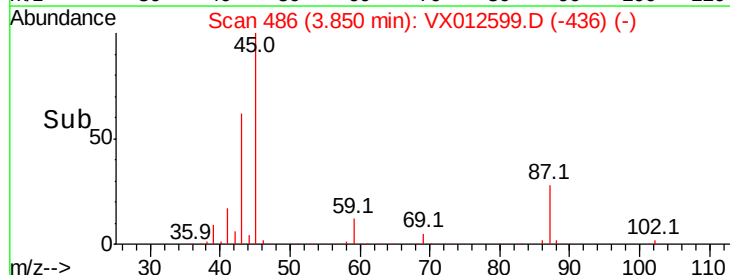
43 61.5 57.8 86.8

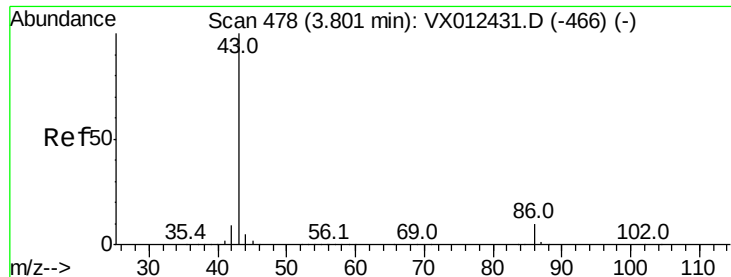
87 27.7 21.3 31.9

59 11.9 8.5 12.7



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 994.486 ug/l

RT: 3.81 min Scan# 479

Delta R.T. 0.01 min

Lab File: VX012599.D

Acq: 23 Sep 2019 12:05

Instrument :

MSVOA_X

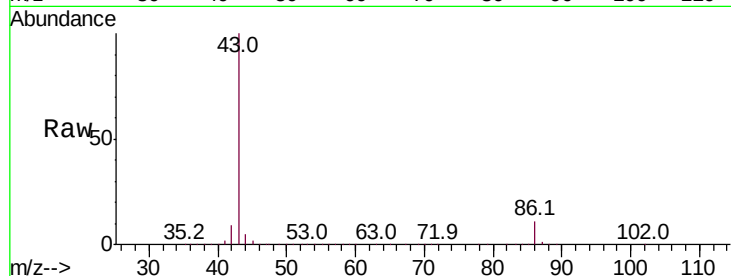
ClientSampleId :

Tot Ion: 43 Resp: 5207748

Ion Ratio Lower Upper

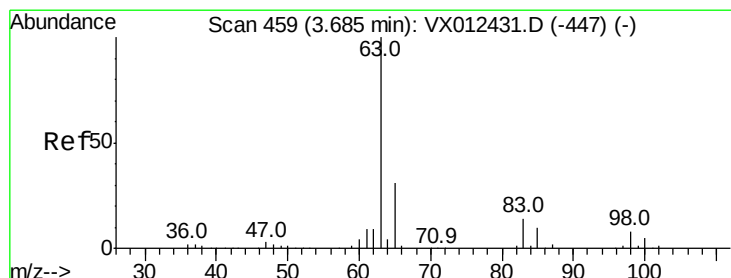
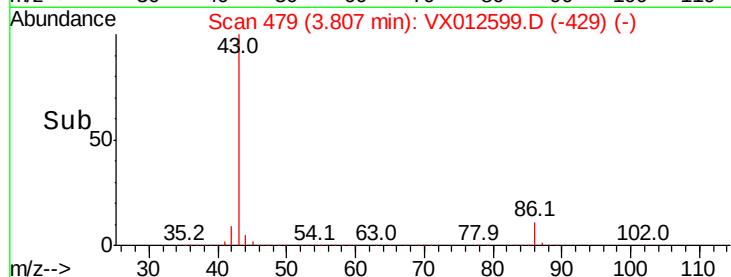
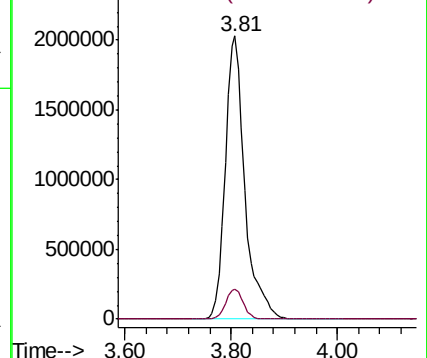
43 100

86 10.8 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 206.045 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012599.D

Acq: 23 Sep 2019 12:05

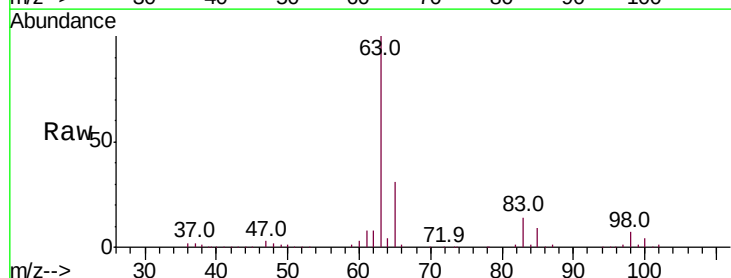
Tgt Ion: 63 Resp: 627580

Ion Ratio Lower Upper

63 100

98 7.2 3.9 11.7

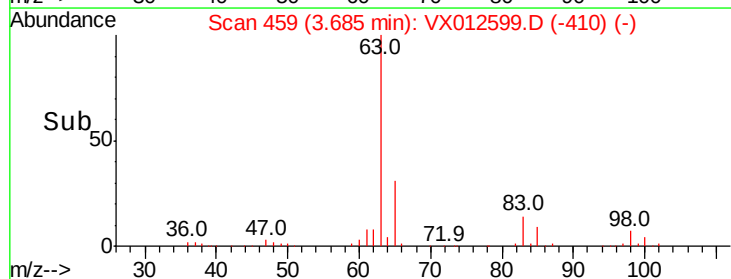
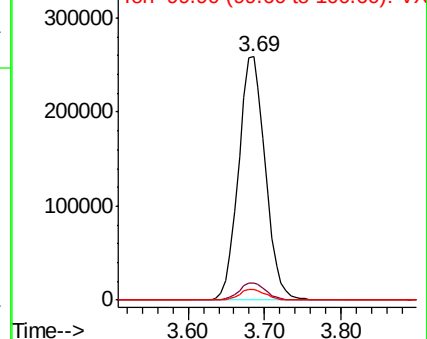
100 4.5 2.3 6.9

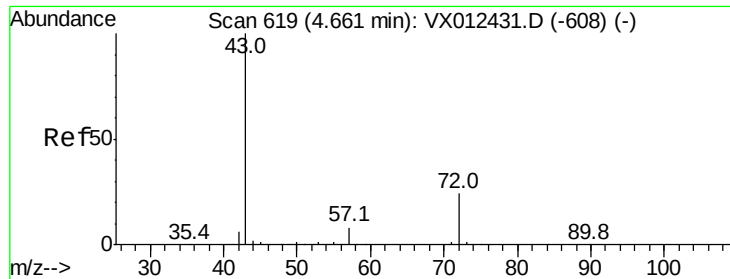


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 844.246 ug/l

RT: 4.67 min Scan# 620

Delta R.T. 0.01 min

Lab File: VX012599.D

Acq: 23 Sep 2019 12:05

Instrument :

MSVOA_X

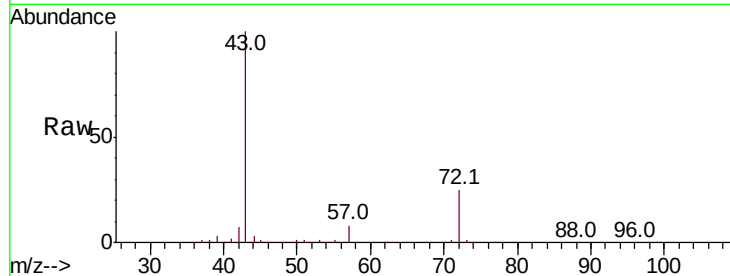
ClientSampled :

Tot Ion: 43 Resp: 1559001

Ion Ratio Lower Upper

43 100

72 25.1 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.67

600000

500000

400000

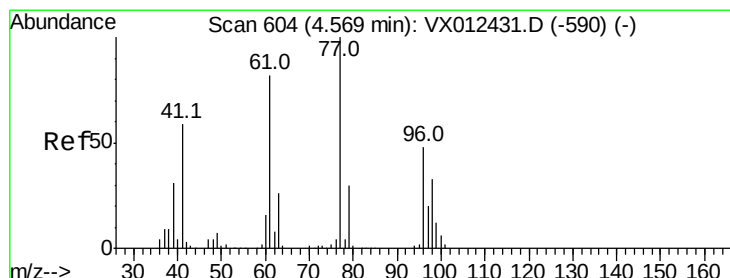
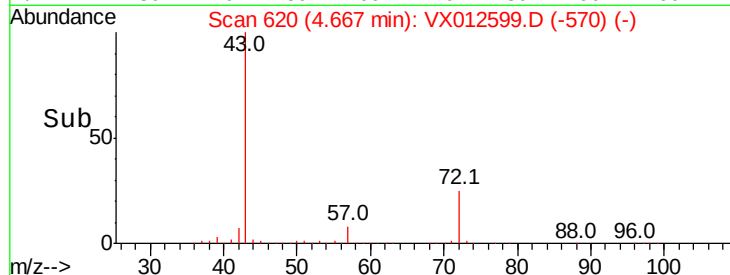
300000

200000

100000

0

Time-->



#26

2,2-Dichloropropane

Concen: 184.573 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX012599.D

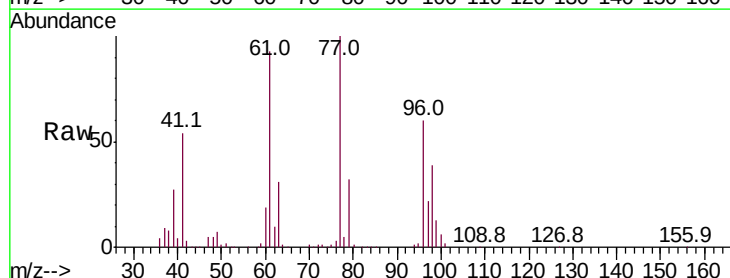
Acq: 23 Sep 2019 12:05

Tgt Ion: 77 Resp: 552891

Ion Ratio Lower Upper

77 100

97 21.7 10.5 31.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.57

200000

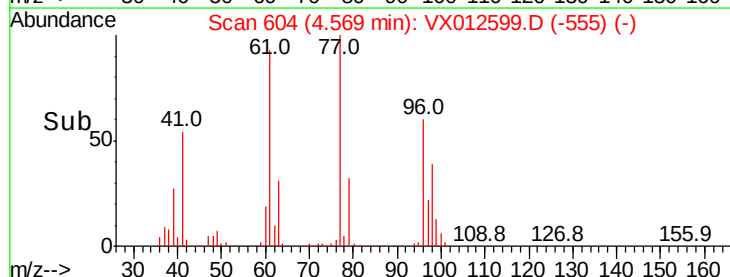
150000

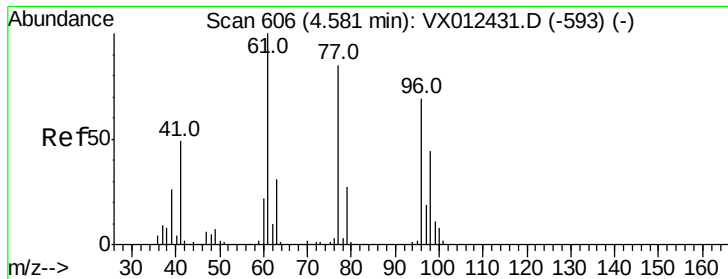
100000

50000

0

Time-->



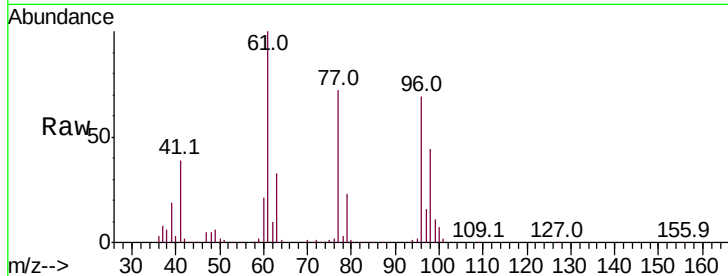


#27

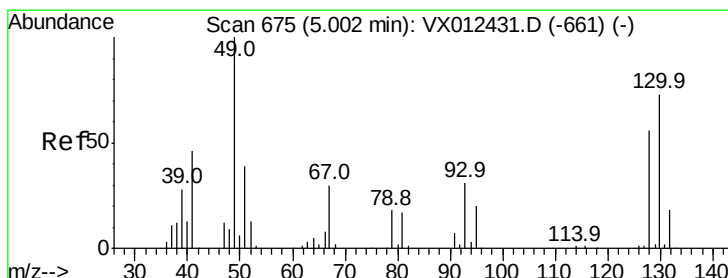
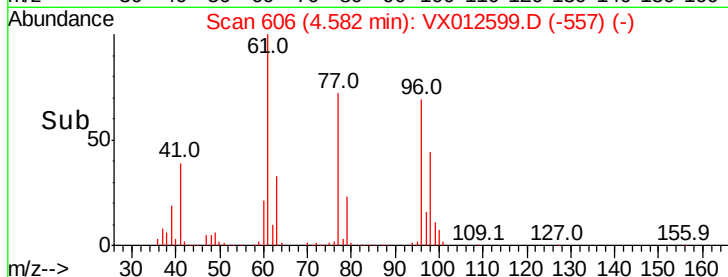
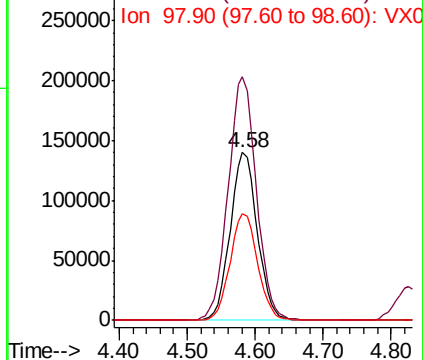
cis-1,2-Dichloroethene
Concen: 213.523 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX012599.D
Acq: 23 Sep 2019 12:05

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	96	Resp	386808
Ion Ratio	Lower	Upper	
96	100		
61	150.9	0.0	319.4
98	64.6	0.0	130.6



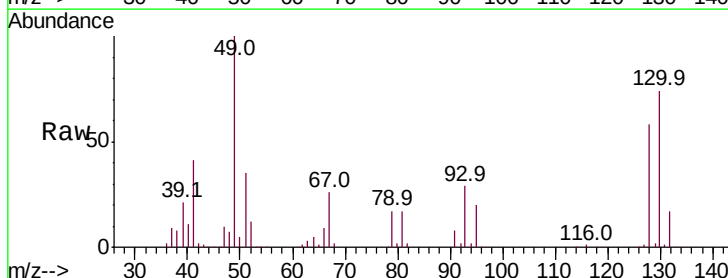
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



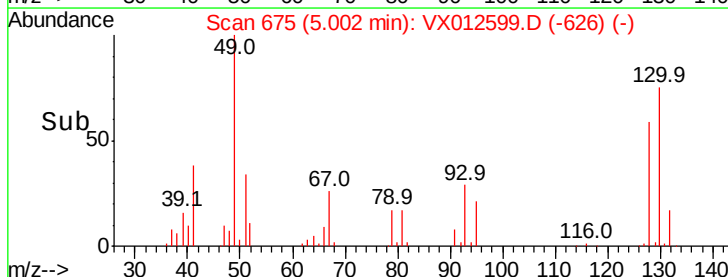
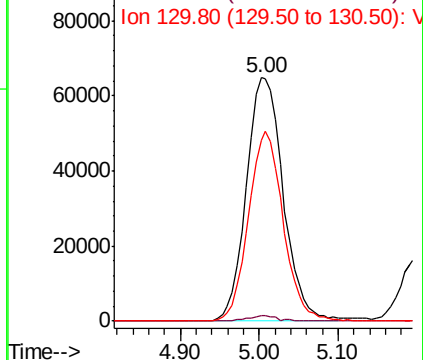
#28

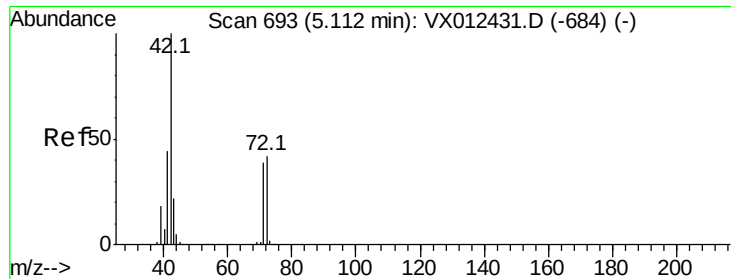
Bromochloromethane
Concen: 134.147 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX012599.D
Acq: 23 Sep 2019 12:05

Tgt Ion	49	Resp	210643
Ion Ratio	Lower	Upper	
49	100		
129	1.9	0.0	3.8
130	73.2	58.2	87.4



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: 952.389 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.01 min

Lab File: VX012599.D

Acq: 23 Sep 2019 12:05

Instrument :

MSVOA_X

ClientSampleId :

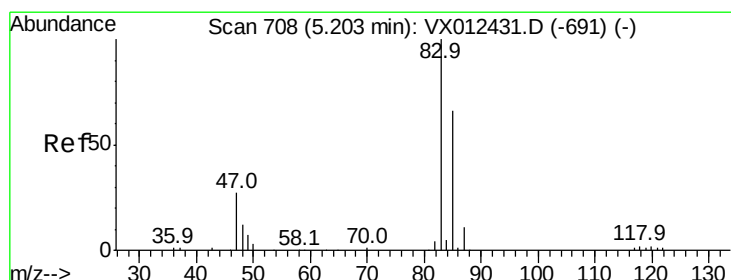
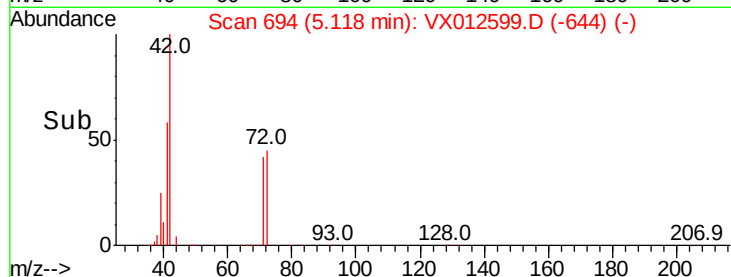
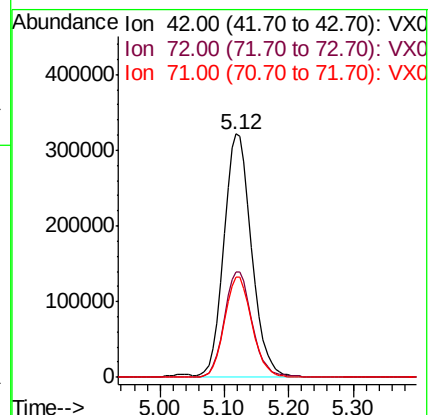
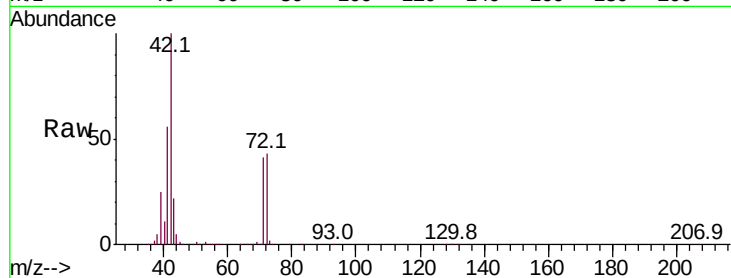
Tot Ion: 42 Resp: 971573

Ion Ratio Lower Upper

42 100

72 43.9 34.0 51.0

71 41.1 31.5 47.3



#30

Chloroform

Concen: 180.650 ug/l

RT: 5.20 min Scan# 708

Delta R.T. 0.00 min

Lab File: VX012599.D

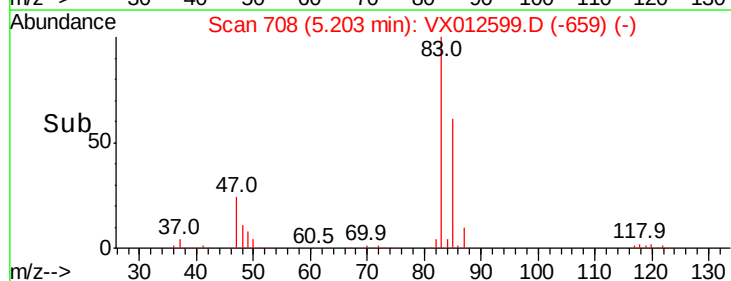
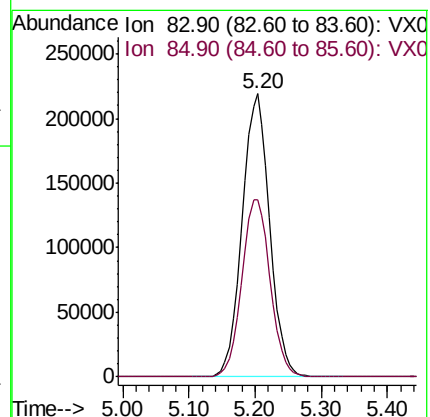
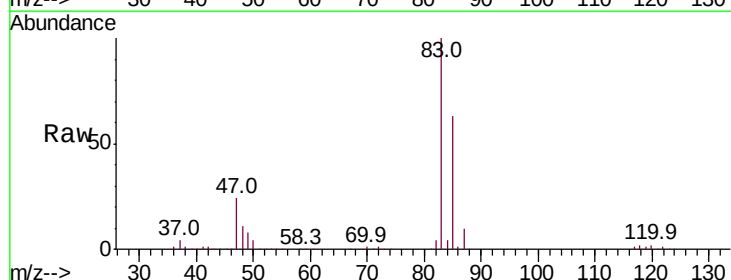
Acq: 23 Sep 2019 12:05

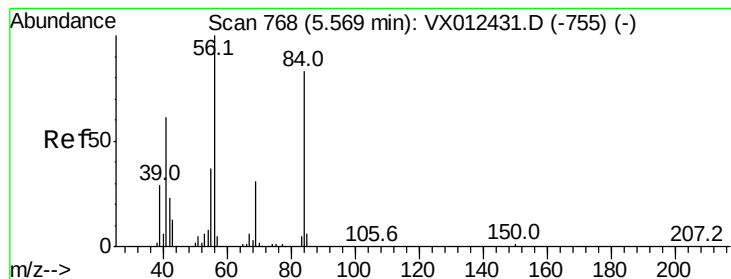
Tgt Ion: 83 Resp: 631917

Ion Ratio Lower Upper

83 100

85 62.6 53.0 79.4





#31

Cyclohexane

Concen: 311.173 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX012599.D

Acq: 23 Sep 2019 12:05

Instrument :
MSVOA_X
ClientSampleId :

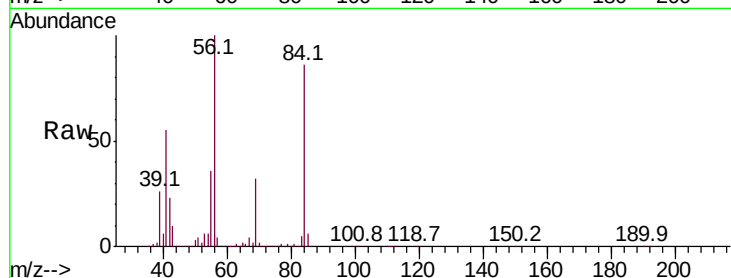
Tot Ion: 56 Resp: 572136

Ion Ratio Lower Upper

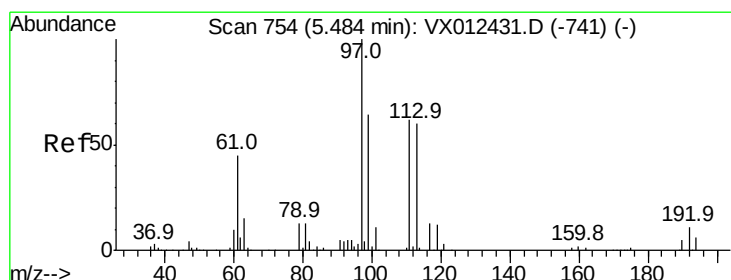
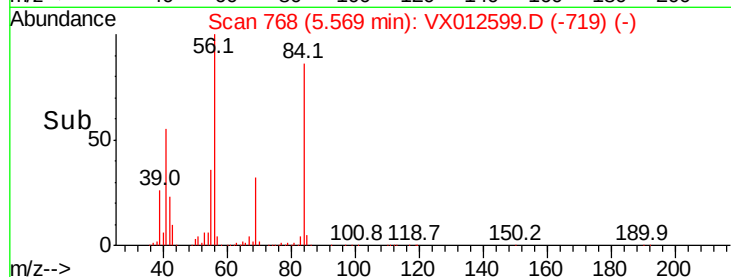
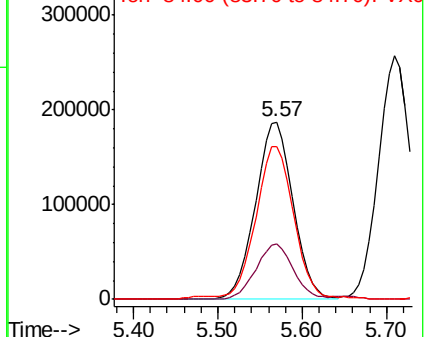
56 100

69 31.7 25.0 37.6

84 84.7 66.4 99.6



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 195.399 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX012599.D

Acq: 23 Sep 2019 12:05

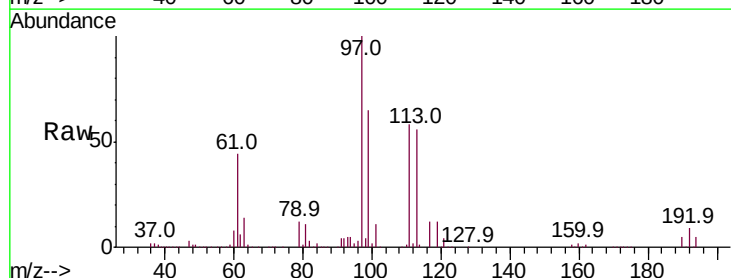
Tgt Ion: 97 Resp: 571276

Ion Ratio Lower Upper

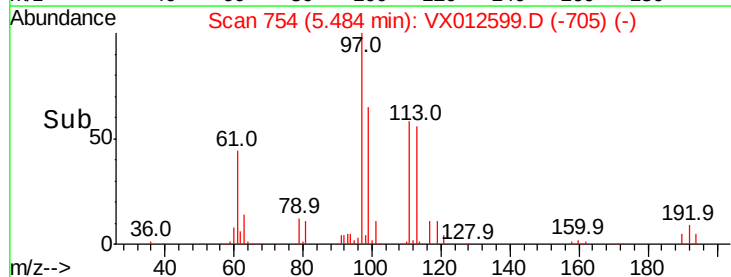
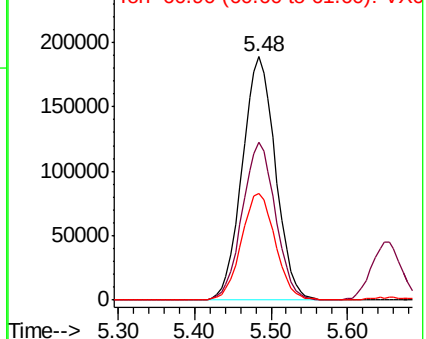
97 100

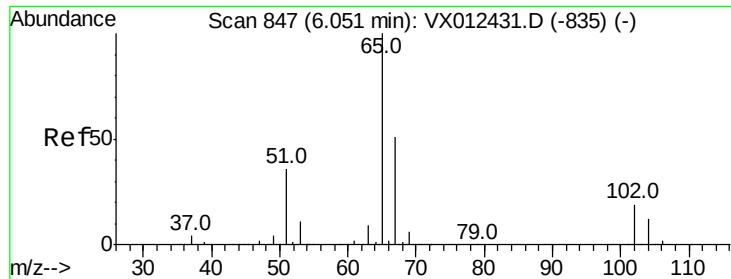
99 64.6 51.3 76.9

61 44.8 36.1 54.1



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

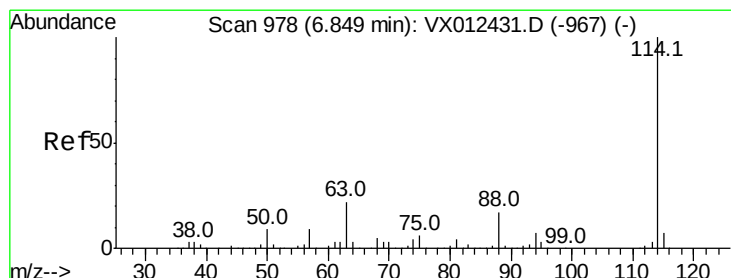
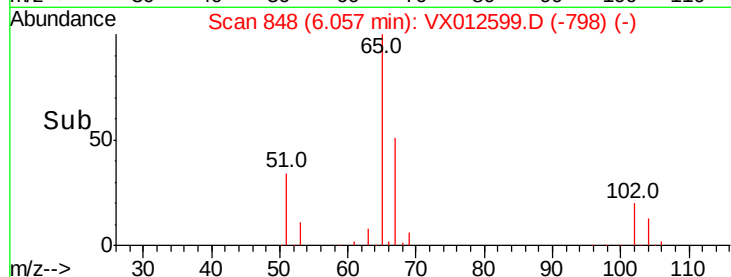
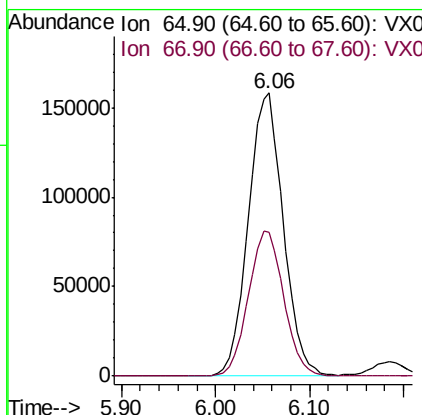
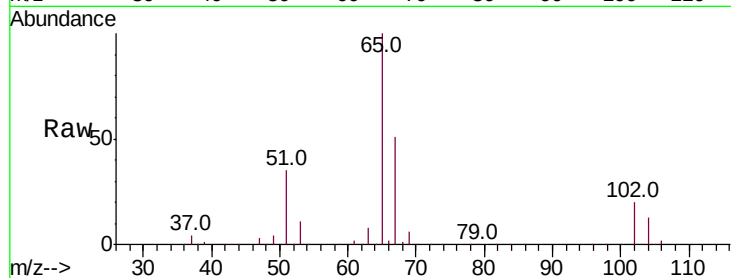




#33
 1,2-Dichloroethane-d4
 Concen: 154.971 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: VX012599.D
 Acq: 23 Sep 2019 12:05

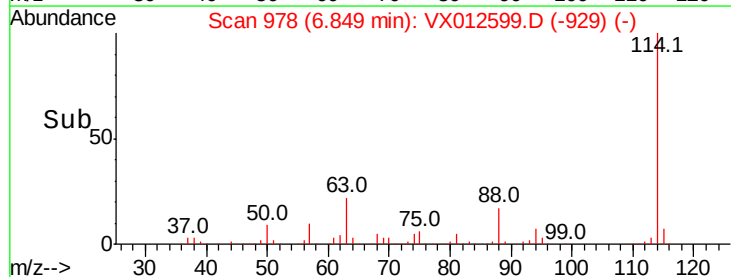
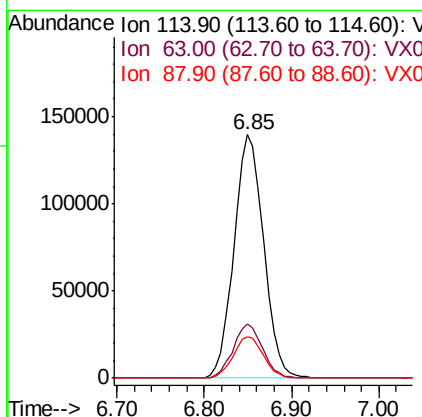
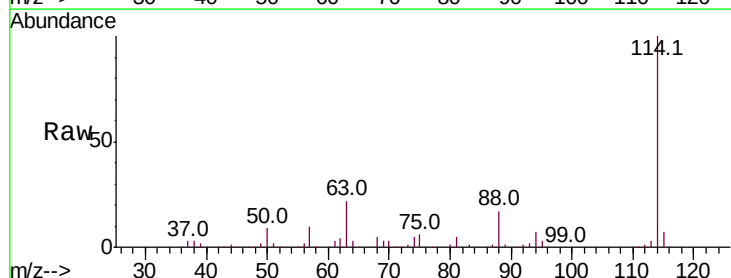
Instrument :
 MSVOA_X
 ClientSampleId :

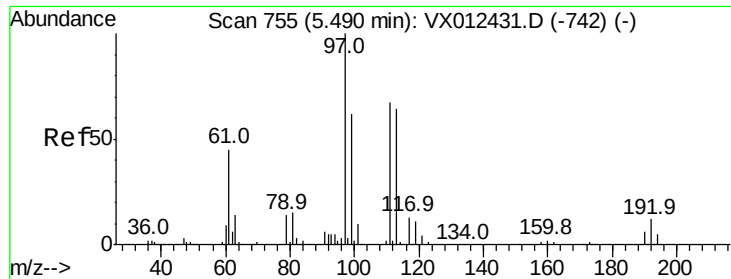
Tot Ion: 65 Resp: 412553
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 101.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012599.D
 Acq: 23 Sep 2019 12:05

Tgt Ion: 114 Resp: 329254
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 43.2
 88 16.8 0.0 33.2





#35

Dibromofluoromethane

Concen: 155.987 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX012599.D

Acq: 23 Sep 2019 12:05

Instrument :

MSVOA_X

ClientSampleId :

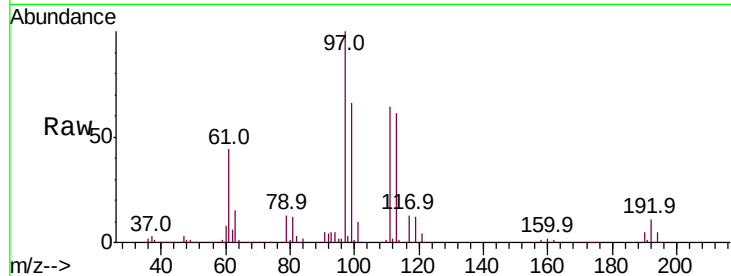
Tot Ion:113 Resp: 310858

Ion Ratio Lower Upper

113 100

111 102.5 83.4 125.2

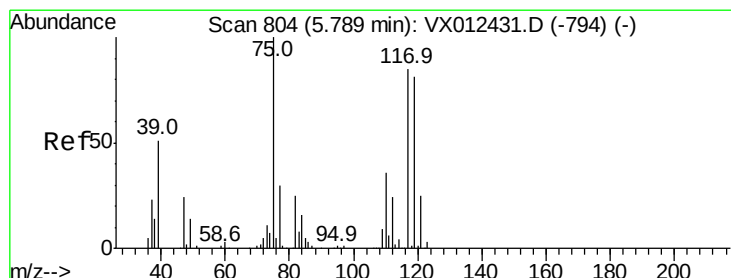
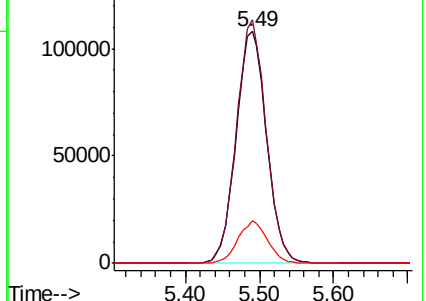
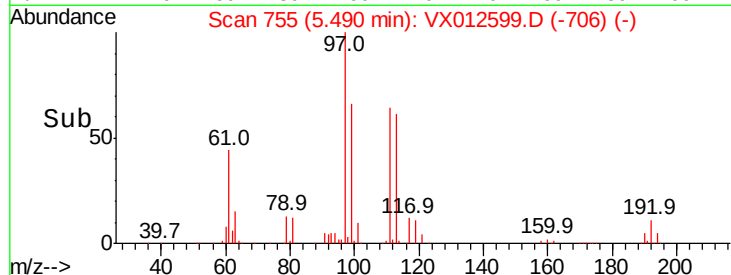
192 17.8 14.4 21.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 239.120 ug/l

RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX012599.D

Acq: 23 Sep 2019 12:05

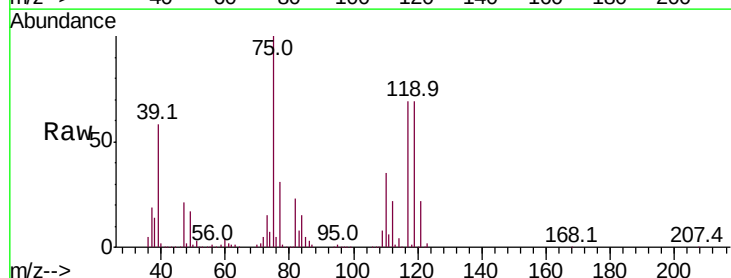
Tgt Ion: 75 Resp: 478492

Ion Ratio Lower Upper

75 100

110 34.4 16.7 50.0

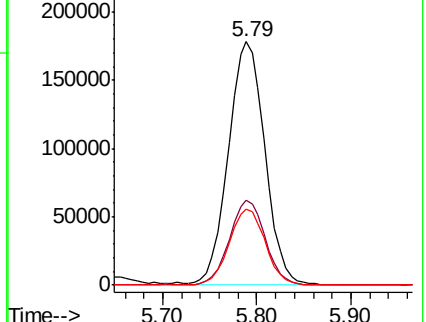
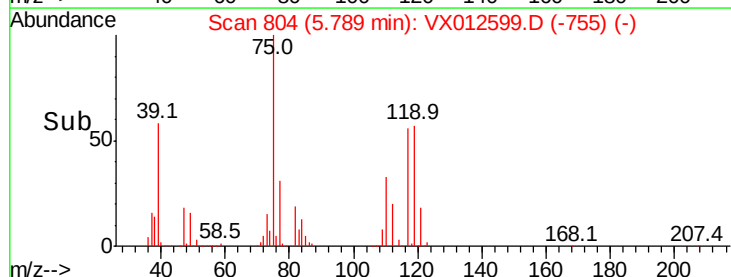
77 31.0 24.2 36.2

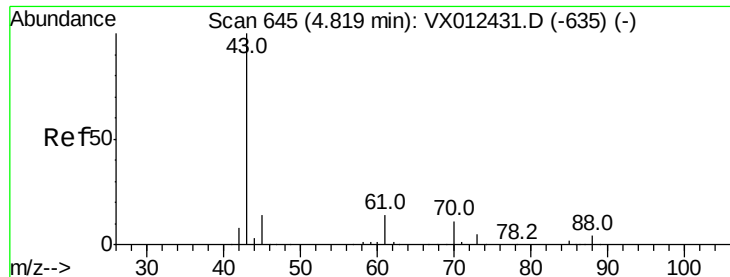


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

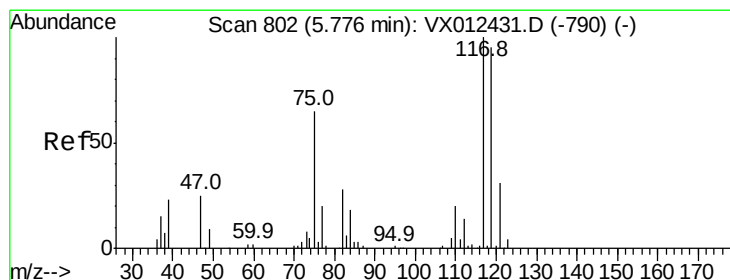
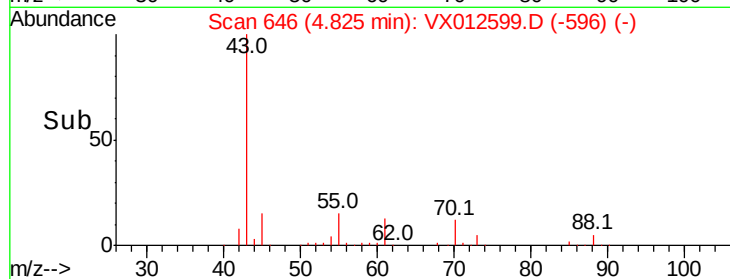
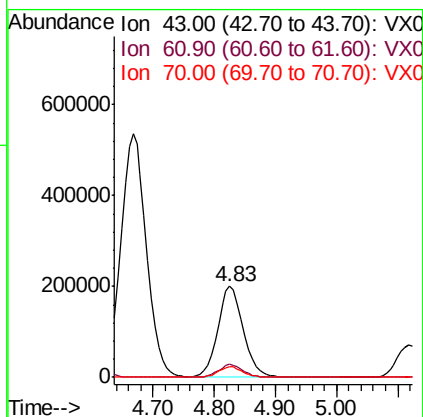
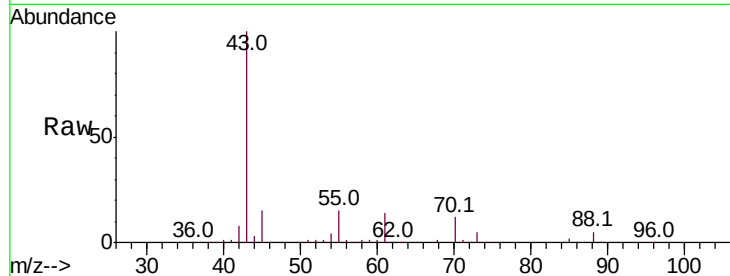




#37
Ethyl Acetate
Concen: 189.172 ug/l
RT: 4.83 min Scan# 646
Delta R.T. 0.01 min
Lab File: VX012599.D
Acq: 23 Sep 2019 12:05

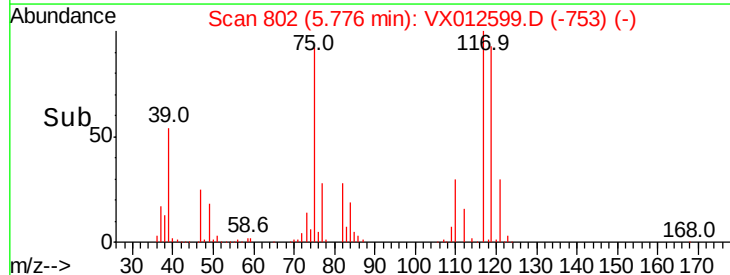
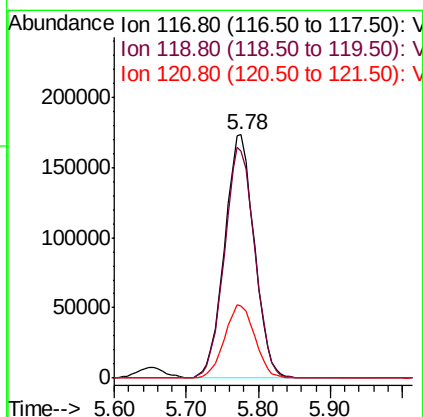
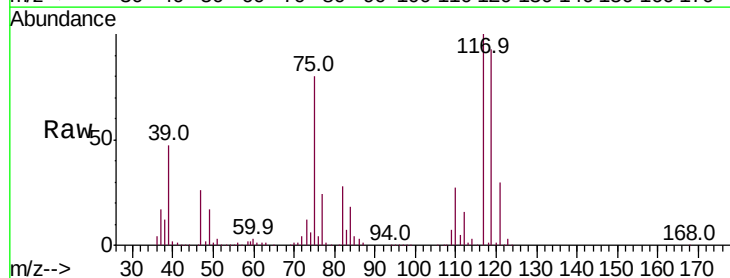
Instrument :
MSVOA_X
ClientSampleId :

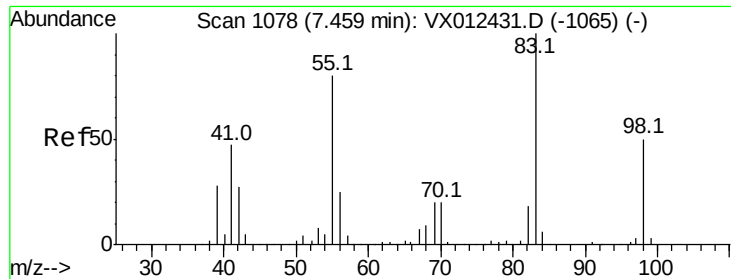
Tot Ion: 43 Resp: 581064
Ion Ratio Lower Upper
43 100
61 13.8 10.2 15.4
70 11.3 8.7 13.1



#38
Carbon Tetrachloride
Concen: 199.927 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX012599.D
Acq: 23 Sep 2019 12:05

Tgt Ion: 117 Resp: 497569
Ion Ratio Lower Upper
117 100
119 93.4 75.7 113.5
121 29.8 24.2 36.4

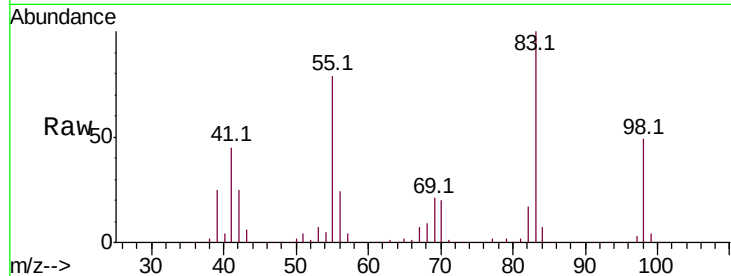




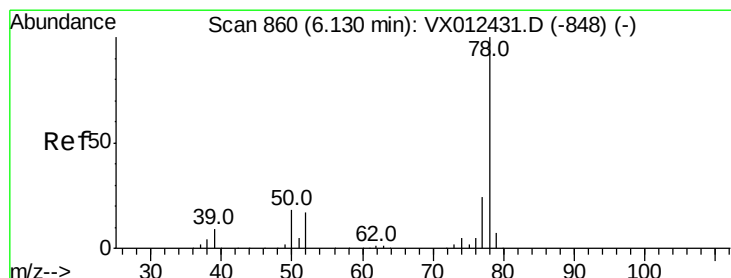
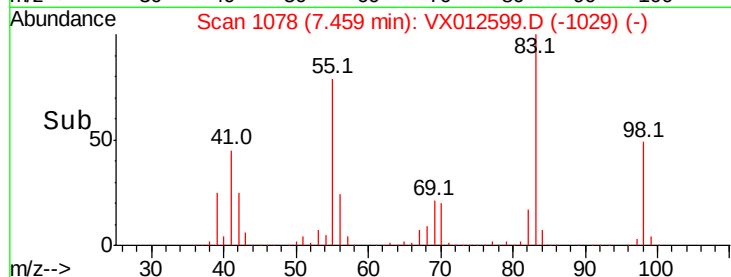
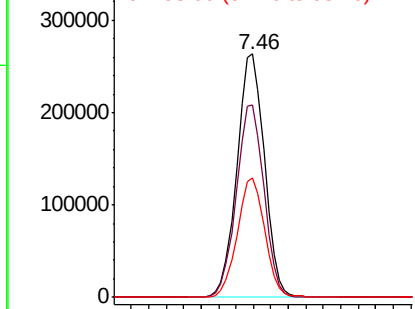
#39
Methylvlcyclohexane
Concen: 297.010 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX012599.D
Acq: 23 Sep 2019 12:05

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 83 Resp: 577769
Ion Ratio Lower Upper
83 100
55 79.1 64.4 96.6
98 48.9 40.1 60.1

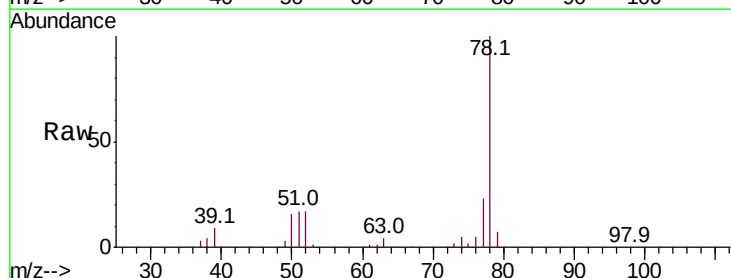


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

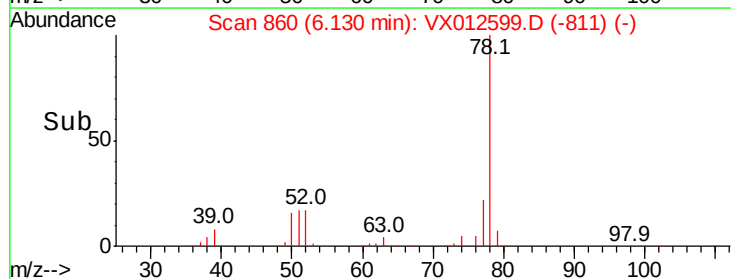
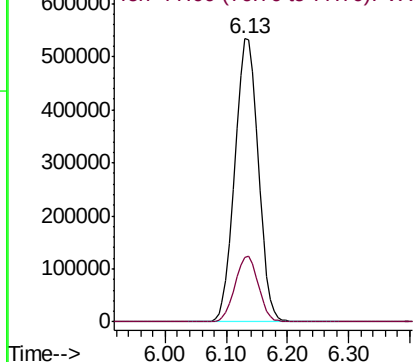


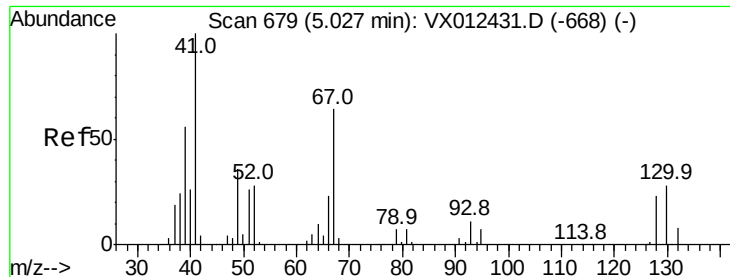
#40
Benzene
Concen: 220.767 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX012599.D
Acq: 23 Sep 2019 12:05

Tgt Ion: 78 Resp: 1404793
Ion Ratio Lower Upper
78 100
77 22.9 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

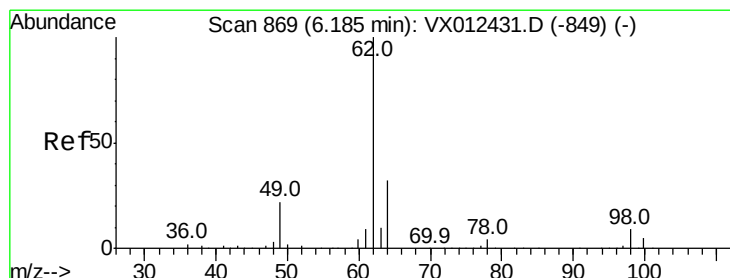
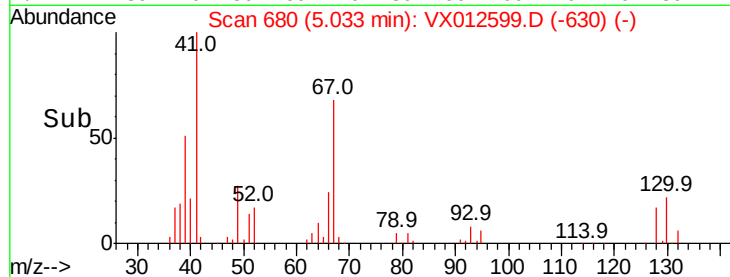
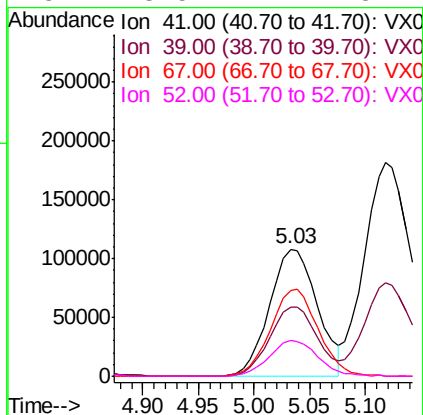
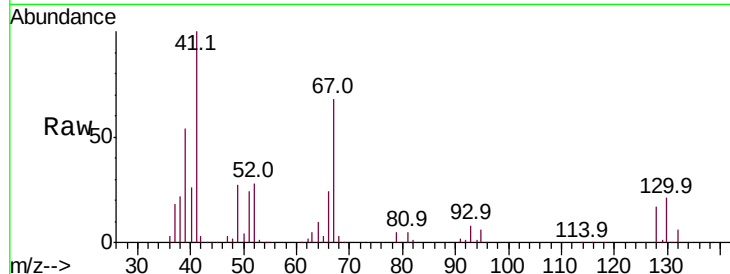




#41
Methacrylonitrile
Concen: 162.937 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX012599.D
Acq: 23 Sep 2019 12:05

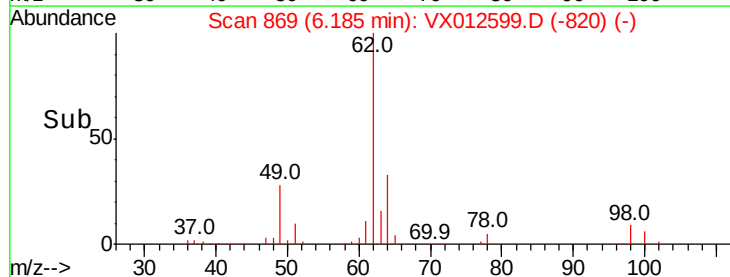
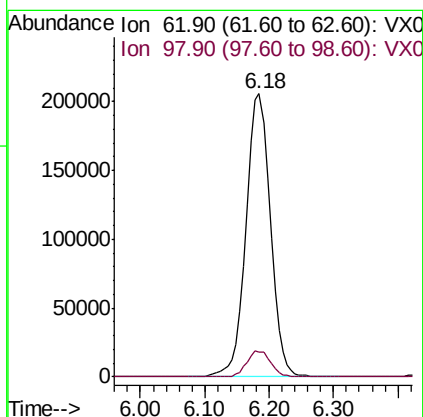
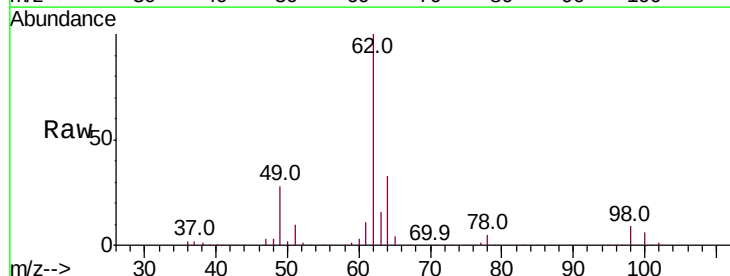
Instrument :
MSVOA_X
ClientSampled :

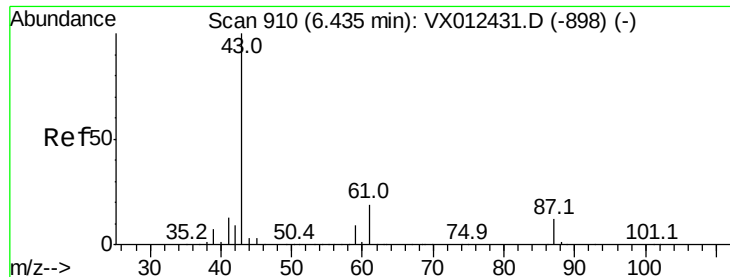
Tot Ion:	41	Resp:	322257
Ion	Ratio	Lower	Upper
41	100		
39	54.8	46.0	69.0
67	68.5	52.2	78.2
52	28.5	22.7	34.1



#42
1,2-Dichloroethane
Concen: 180.300 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX012599.D
Acq: 23 Sep 2019 12:05

Tgt Ion:	62	Resp:	532129
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	17.8





#43

Isopropyl Acetate

Concen: 175.529 ug/l

RT: 6.44 min Scan# 911

Delta R.T. 0.01 min

Lab File: VX012599.D

Acq: 23 Sep 2019 12:05

Instrument :

MSVOA_X

ClientSampled :

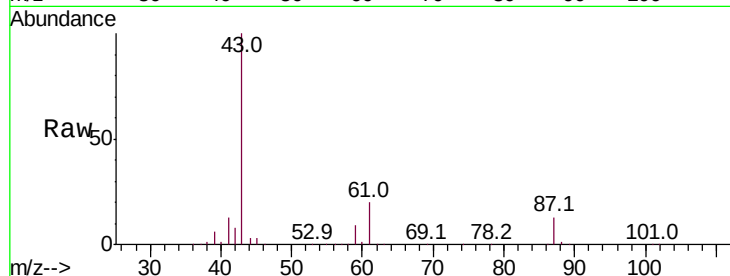
Tot Ion: 43 Resp: 967685

Ion Ratio Lower Upper

43 100

61 19.7 15.4 23.0

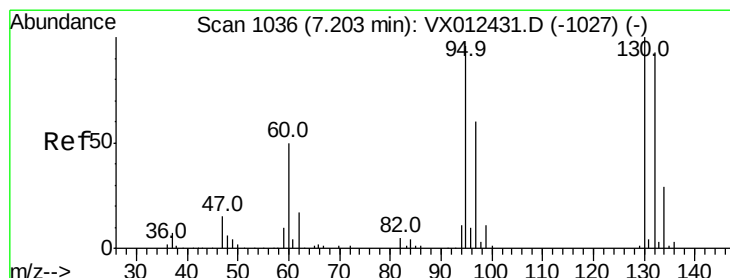
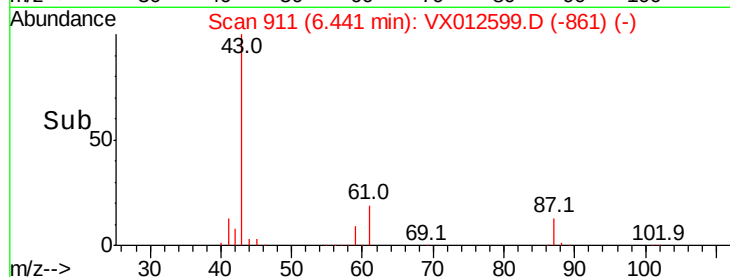
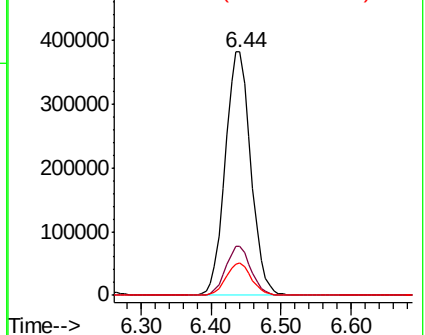
87 13.1 9.8 14.8



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: 216.772 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. 0.00 min

Lab File: VX012599.D

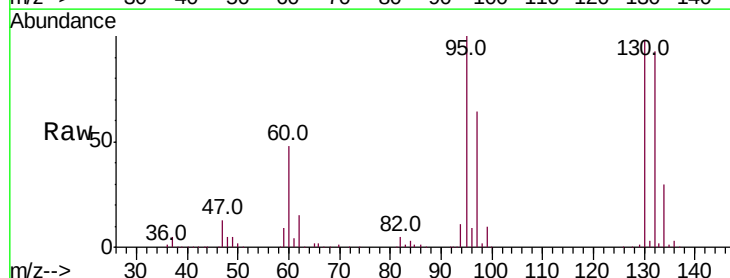
Acq: 23 Sep 2019 12:05

Tgt Ion:130 Resp: 362849

Ion Ratio Lower Upper

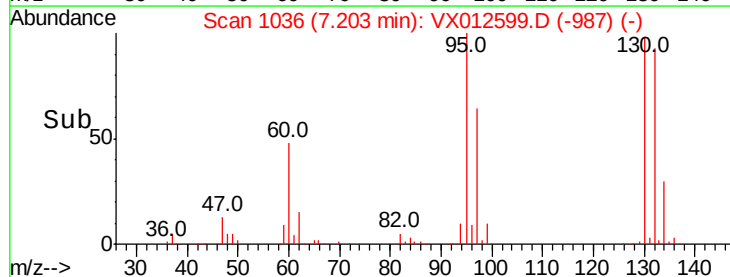
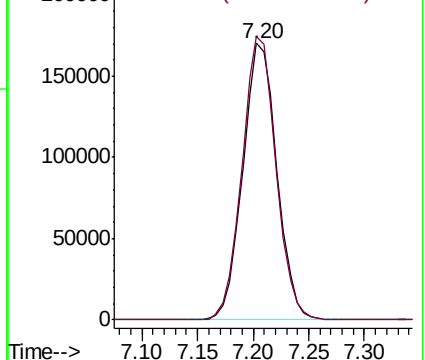
130 100

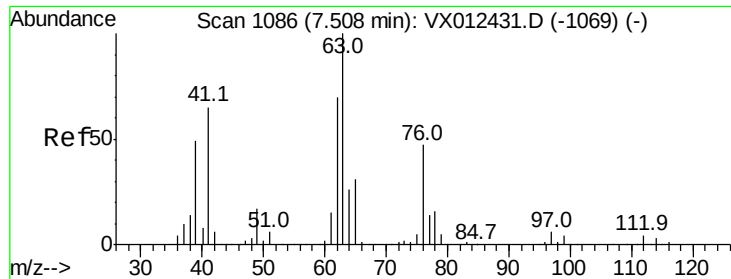
95 102.4 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

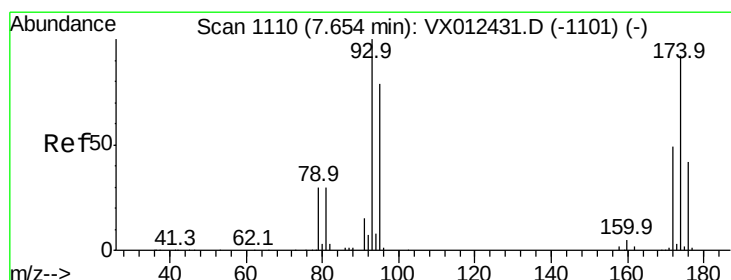
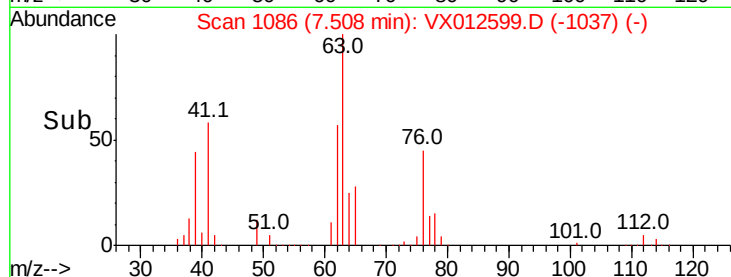
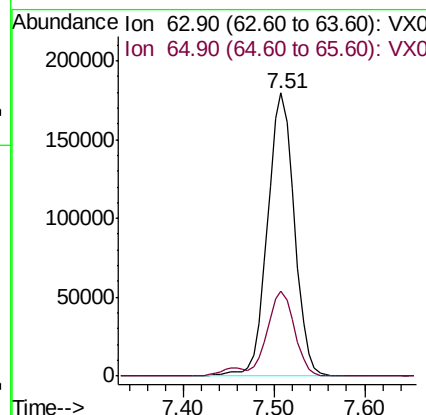
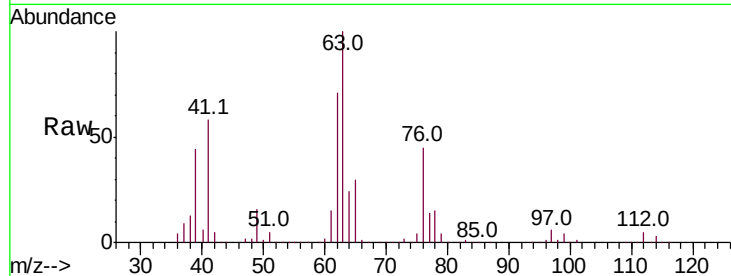




#45
 1,2-Dichloropropane
 Concen: 188.408 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX012599.D
 Acq: 23 Sep 2019 12:05

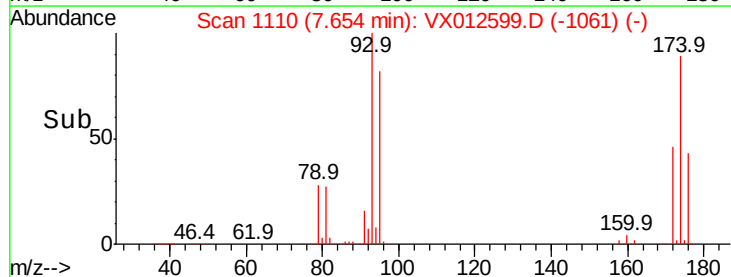
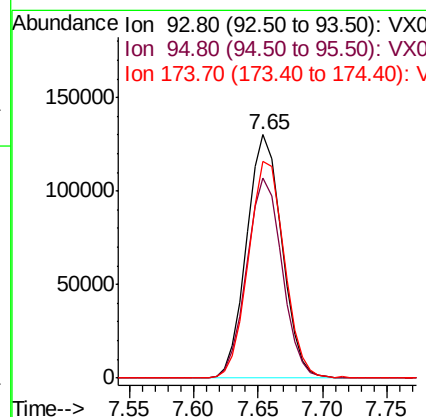
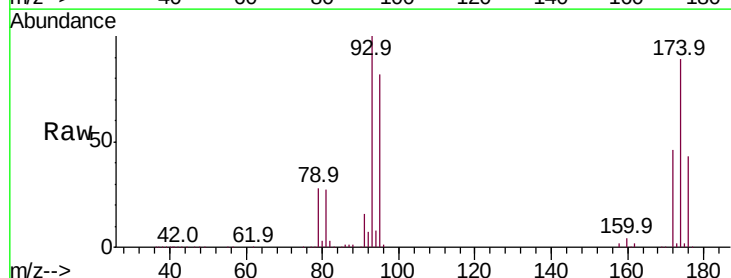
Instrument :
 MSVOA_X
 ClientSampleId :

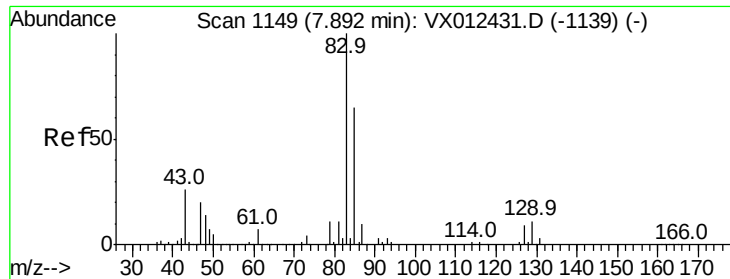
Tot Ion: 63 Resp: 368330
 Ion Ratio Lower Upper
 63 100
 65 29.9 25.0 37.6



#46
 Dibromomethane
 Concen: 195.530 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX012599.D
 Acq: 23 Sep 2019 12:05

Tgt Ion: 93 Resp: 247364
 Ion Ratio Lower Upper
 93 100
 95 82.2 66.6 100.0
 174 90.4 77.4 116.0





#47

Bromodichloromethane

Concen: 182.822 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX012599.D

Acq: 23 Sep 2019 12:05

Instrument :

MSVOA_X

ClientSampleId :

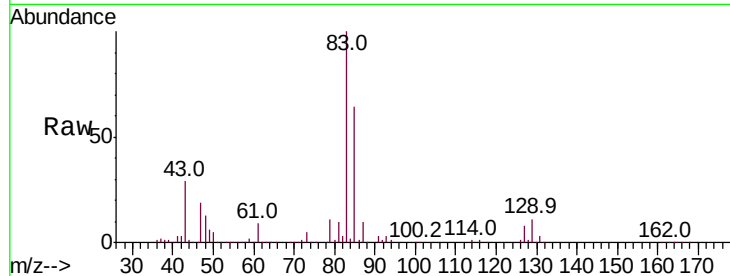
Tot Ion: 83 Resp: 514981

Ion Ratio Lower Upper

83 100

85 64.1 51.8 77.6

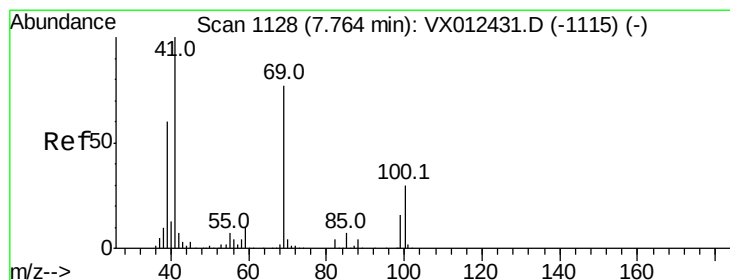
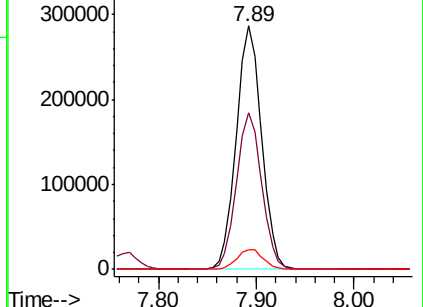
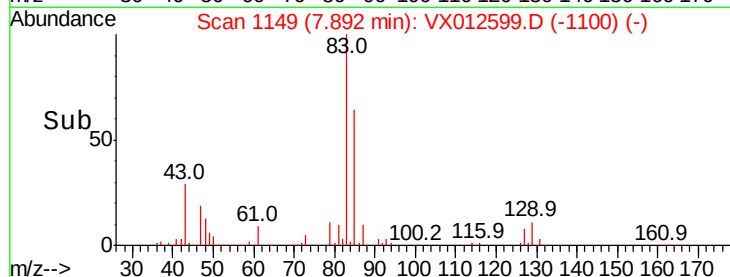
127 8.2 7.3 10.9



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: 183.712 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX012599.D

Acq: 23 Sep 2019 12:05

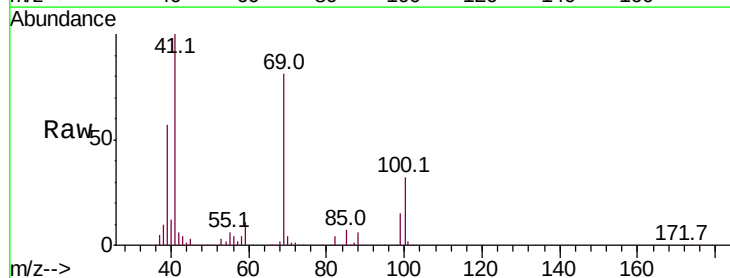
Tgt Ion: 41 Resp: 477422

Ion Ratio Lower Upper

41 100

69 81.1 59.9 89.9

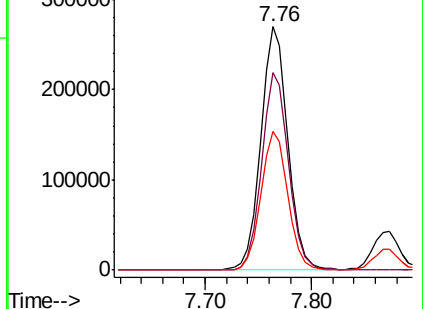
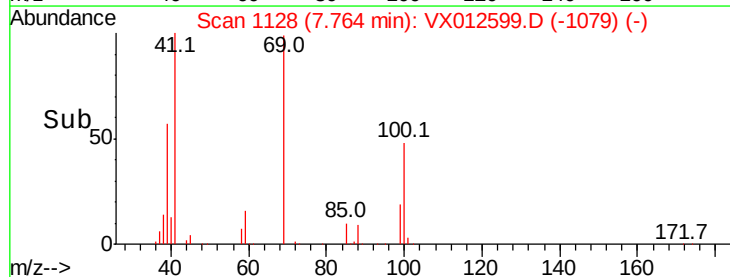
39 57.1 47.8 71.6

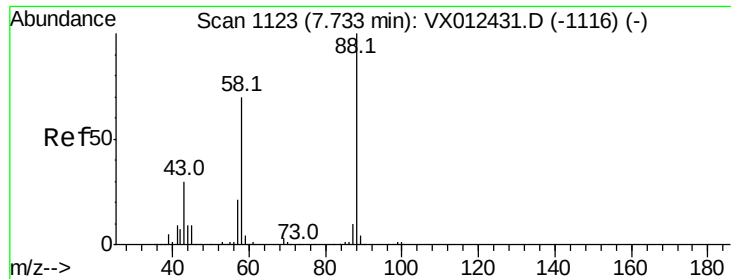


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 3293.115 ug/l

RT: 7.74 min Scan# 1124

Delta R.T. 0.01 min

Lab File: VX012599.D

Acq: 23 Sep 2019 12:05

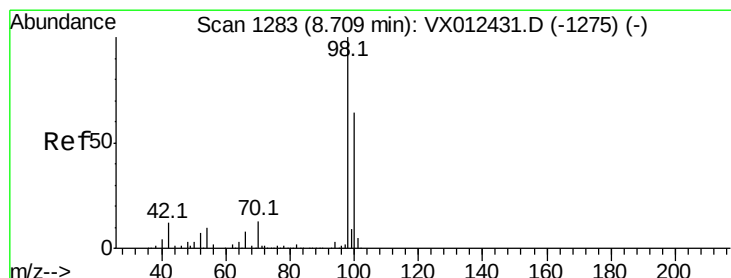
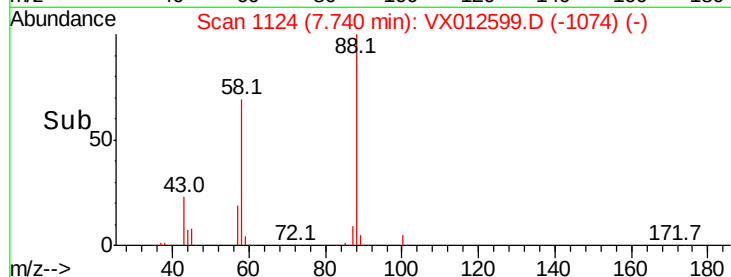
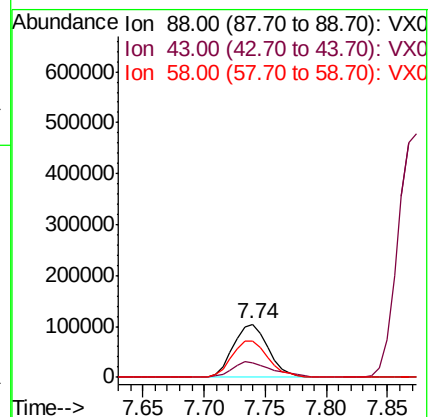
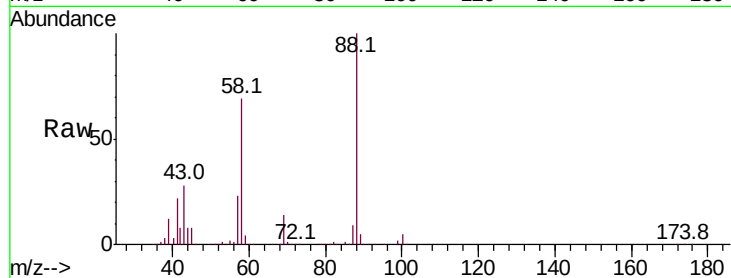
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 88 Resp: 208287

Ion	Ratio	Lower	Upper
88	100		
43	33.3	29.4	44.0
58	71.4	57.5	86.3



#50

Toluene-d8

Concen: 159.664 ug/l

RT: 8.71 min Scan# 1284

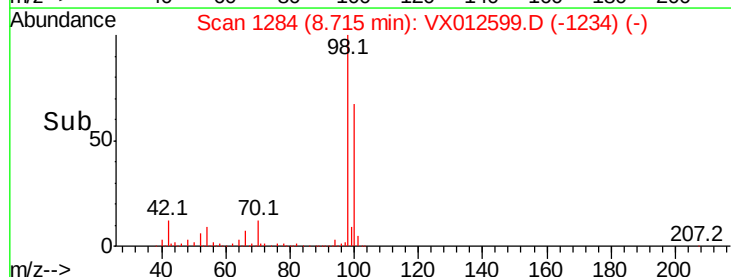
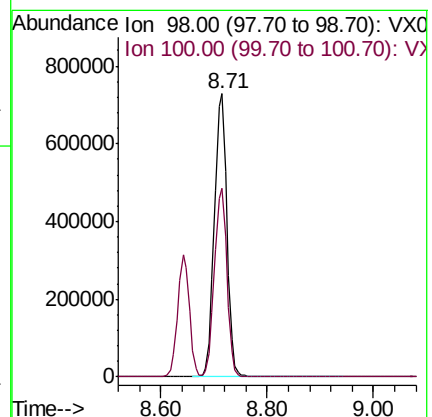
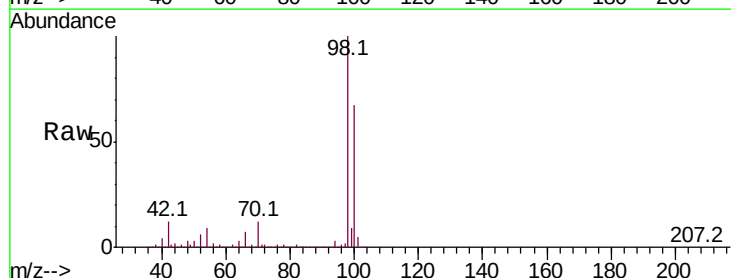
Delta R.T. 0.01 min

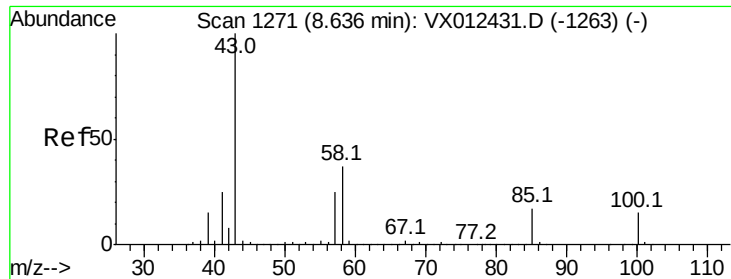
Lab File: VX012599.D

Acq: 23 Sep 2019 12:05

Tgt Ion: 98 Resp: 1177740

Ion	Ratio	Lower	Upper
98	100		
100	66.8	53.4	80.2





#51

4-Methyl-2-Pentanone

Concen: 827.809 ug/l

RT: 8.64 min Scan# 1272

Delta R.T. 0.01 min

Lab File: VX012599.D

Acq: 23 Sep 2019 12:05

Instrument :

MSVOA_X

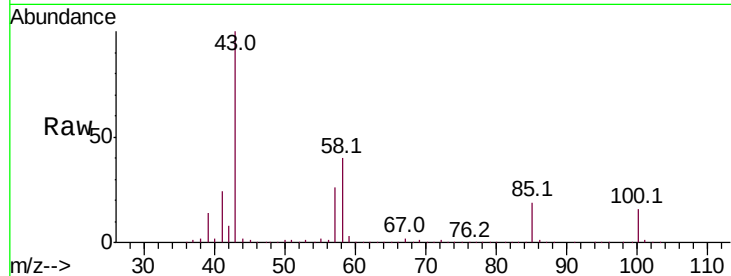
ClientSampleId :

Tot Ion: 43 Resp: 2992829

Ion Ratio Lower Upper

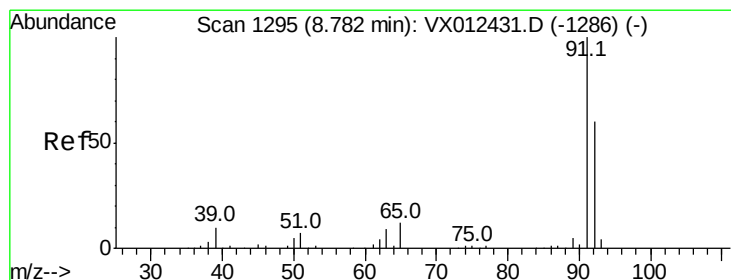
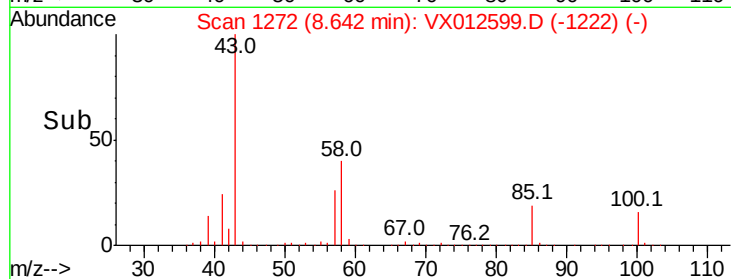
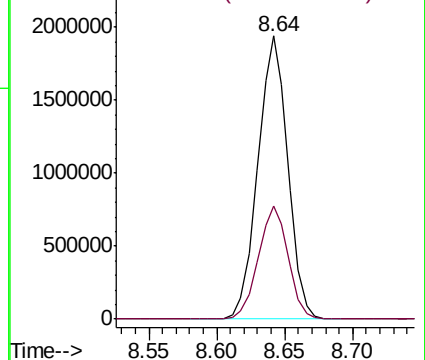
43 100

58 39.6 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 217.493 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX012599.D

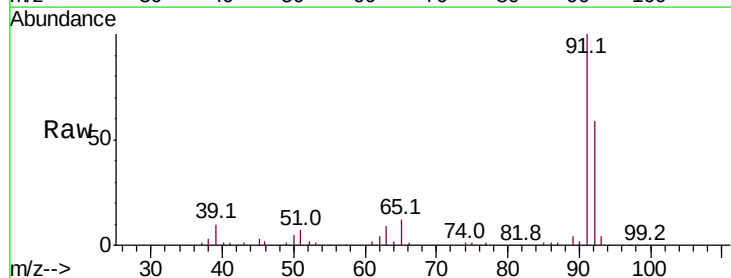
Acq: 23 Sep 2019 12:05

Tgt Ion: 92 Resp: 891787

Ion Ratio Lower Upper

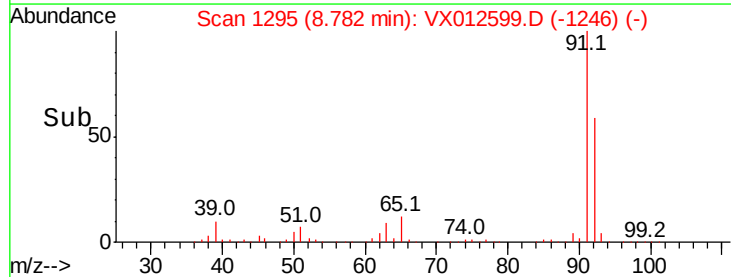
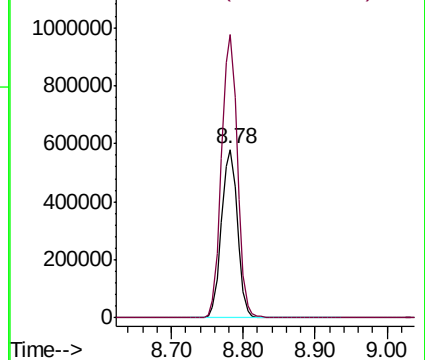
92 100

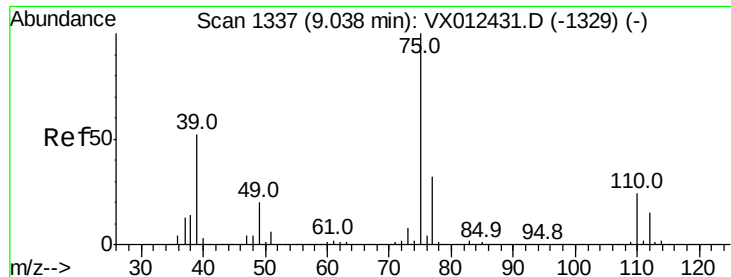
91 168.4 135.4 203.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

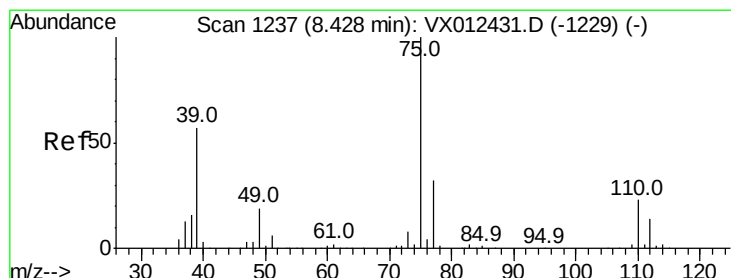
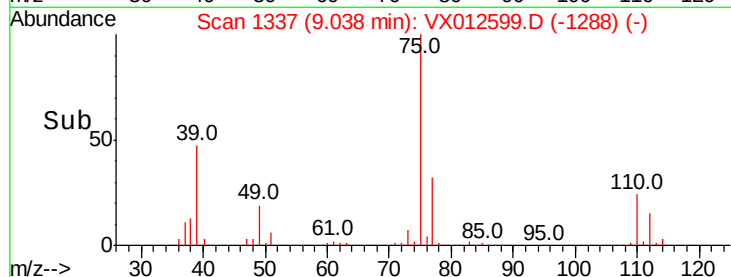
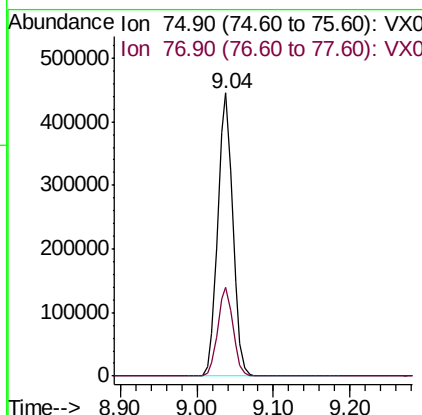
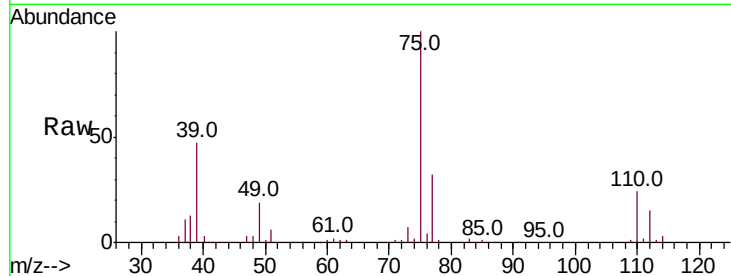




#53
 t-1,3-Dichloropropene
 Concen: 207.242 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VX012599.D
 Acq: 23 Sep 2019 12:05

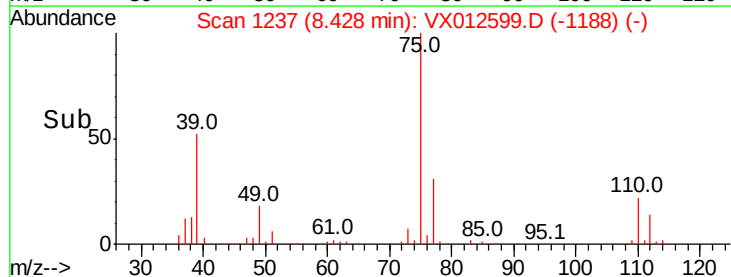
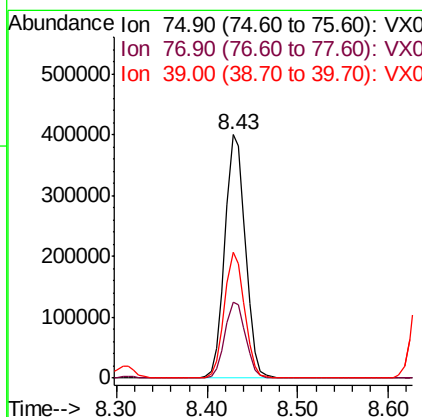
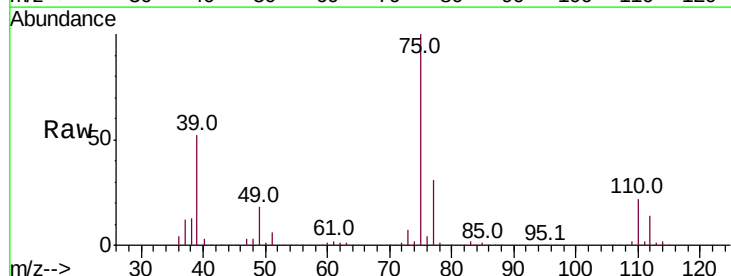
Instrument :
 MSVOA_X
 ClientSampleId :

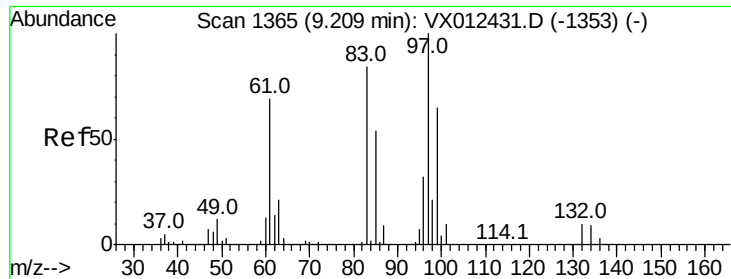
Tot Ion: 75 Resp: 606827
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 208.075 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX012599.D
 Acq: 23 Sep 2019 12:05

Tgt Ion: 75 Resp: 630758
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.8 38.8
 39 51.6 45.5 68.3

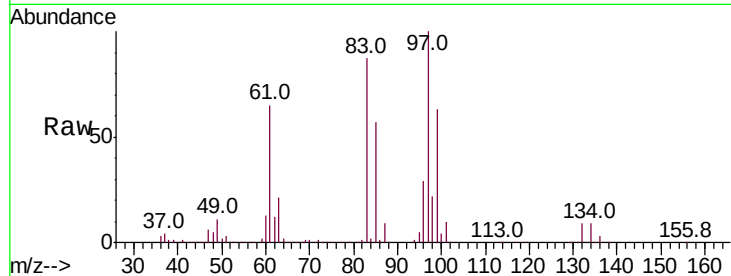




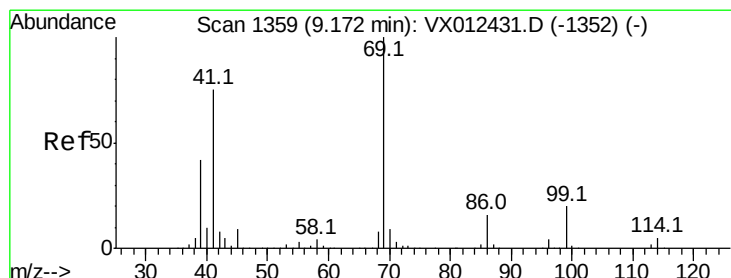
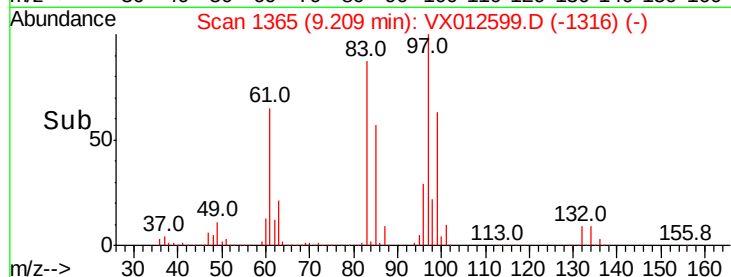
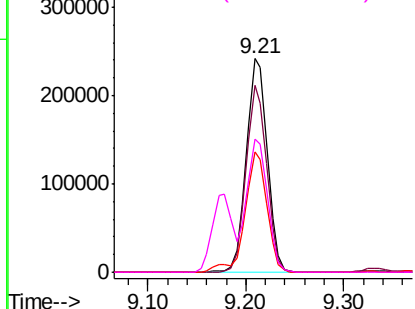
#55
 1,1,2-Trichloroethane
 Concen: 171.069 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012599.D
 Acq: 23 Sep 2019 12:05

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:	97	Resp:	361373
Ion	Ratio	Lower	Upper
97	100		
83	87.3	67.4	101.2
85	56.6	43.5	65.3
99	62.6	51.8	77.8

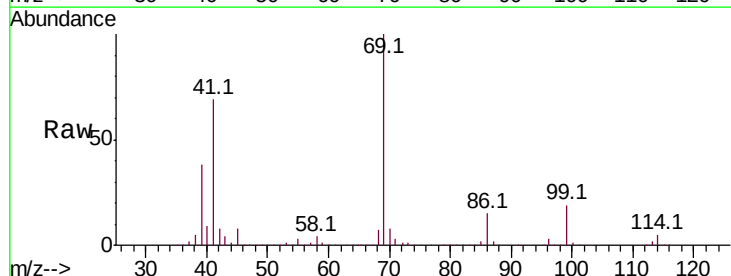


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

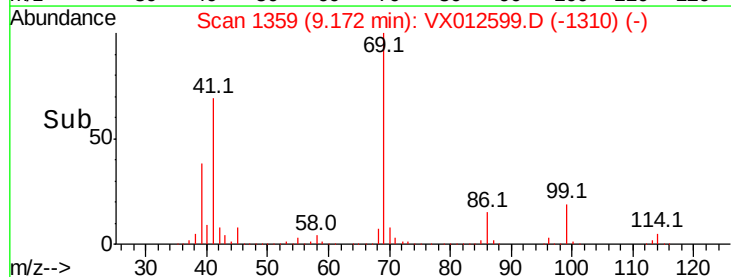
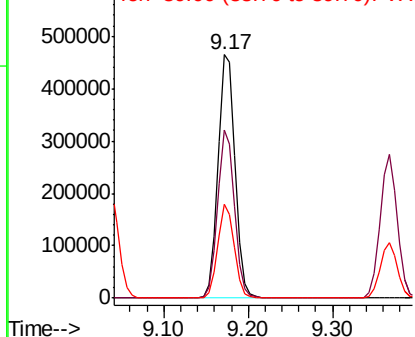


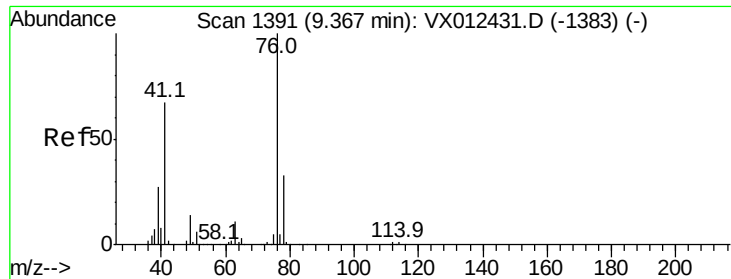
#56
 Ethyl methacrylate
 Concen: 198.402 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012599.D
 Acq: 23 Sep 2019 12:05

Tgt Ion:	69	Resp:	655278
Ion	Ratio	Lower	Upper
69	100		
41	67.8	58.4	87.6
39	37.5	33.4	50.0



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: 186.611 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

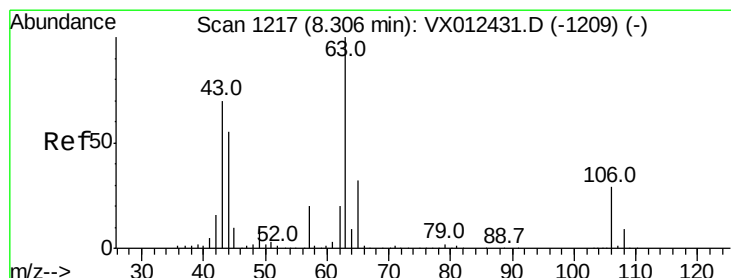
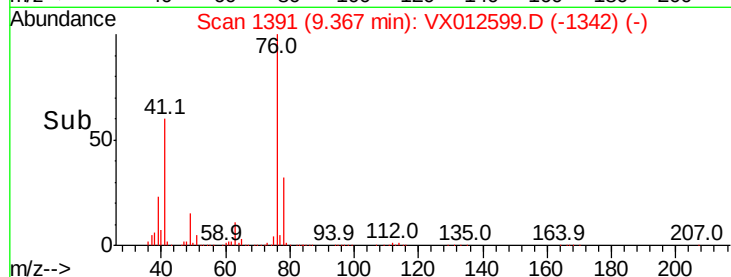
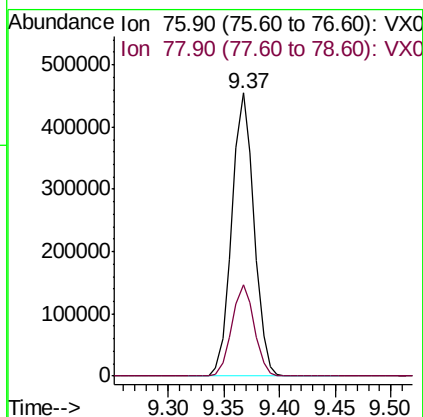
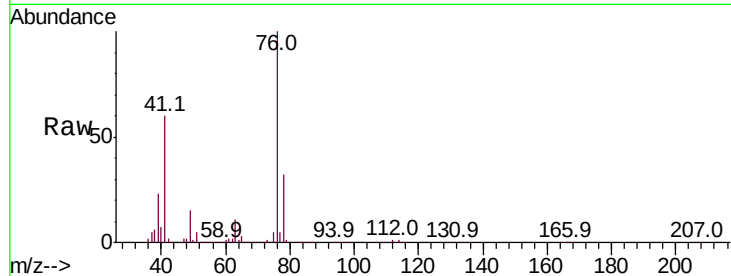
Lab File: VX012599.D

Acq: 23 Sep 2019 12:05

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 76 Resp: 628960

Ion	Ratio	Lower	Upper
76	100		
78	32.4	26.2	39.2



#58

2-Chloroethyl Vinyl ether

Concen: 842.590 ug/l

RT: 8.31 min Scan# 1218

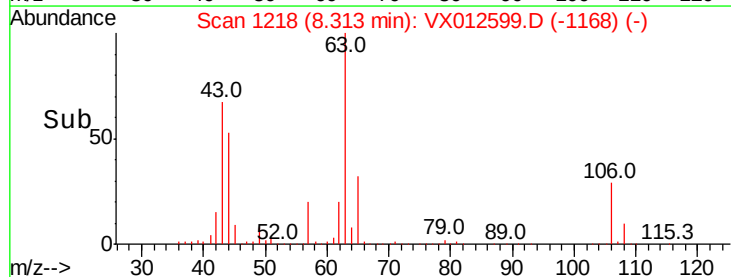
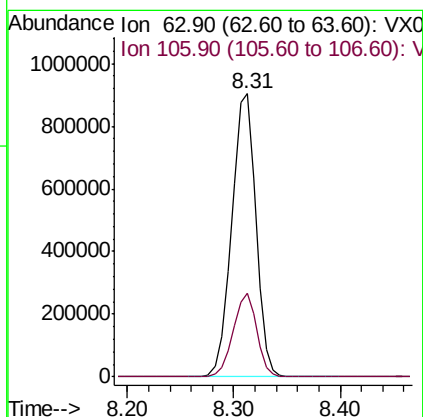
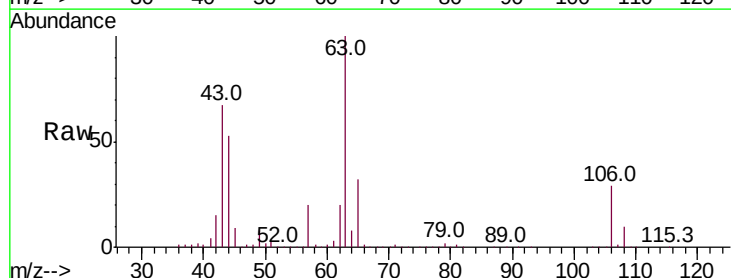
Delta R.T. 0.01 min

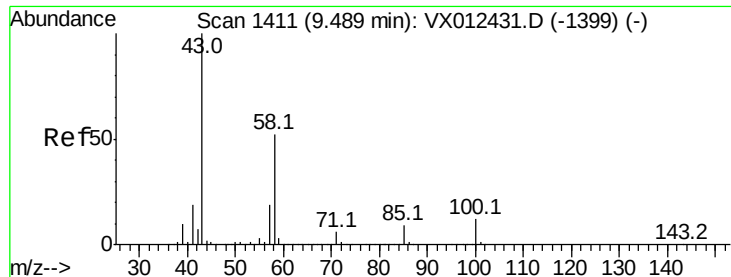
Lab File: VX012599.D

Acq: 23 Sep 2019 12:05

Tgt Ion: 63 Resp: 1440540

Ion	Ratio	Lower	Upper
63	100		
106	28.9	23.8	35.6

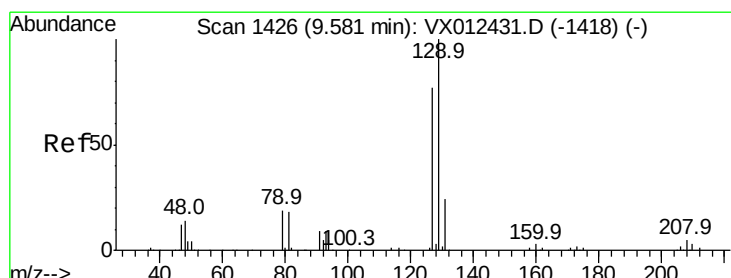
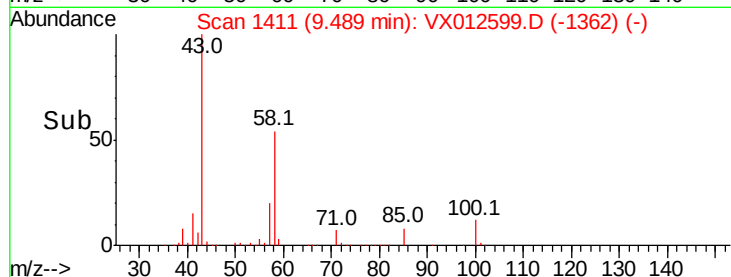
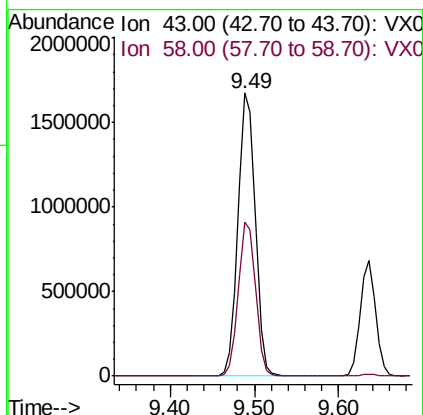
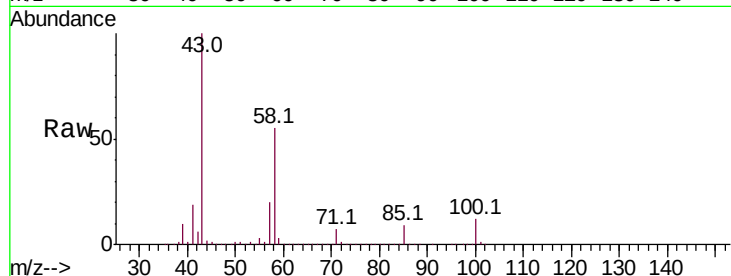




#59
2-Hexanone
Concen: 814.135 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.00 min
Lab File: VX012599.D
Acq: 23 Sep 2019 12:05

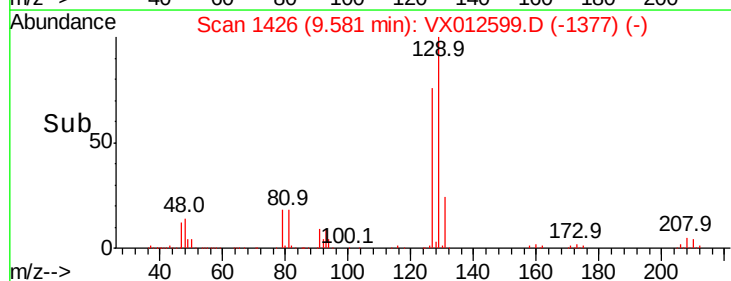
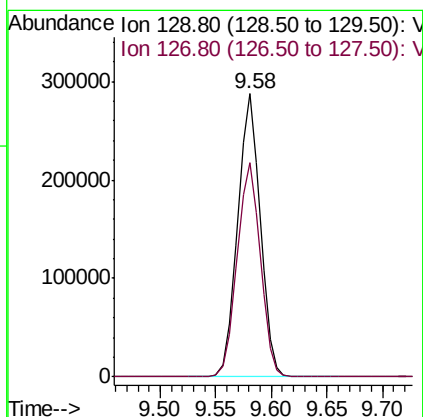
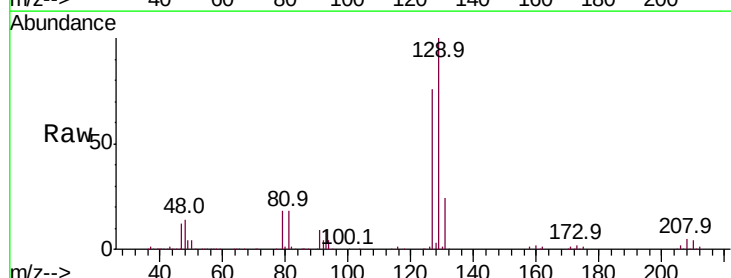
Instrument :
MSVOA_X
ClientSampleId :

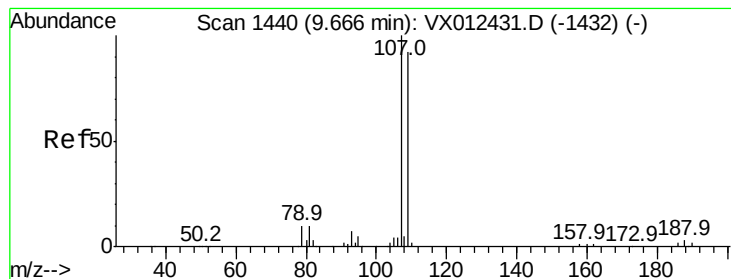
Tot Ion: 43 Resp: 2296333
Ion Ratio Lower Upper
43 100
58 54.5 25.7 77.1



#60
Dibromochloromethane
Concen: 187.745 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX012599.D
Acq: 23 Sep 2019 12:05

Tgt Ion: 129 Resp: 403980
Ion Ratio Lower Upper
129 100
127 77.7 38.9 116.6





#61

1,2-Dibromoethane

Concen: 199.561 ug/l

RT: 9.67 min Scan# 1441

Delta R.T. 0.01 min

Lab File: VX012599.D

Acq: 23 Sep 2019 12:05

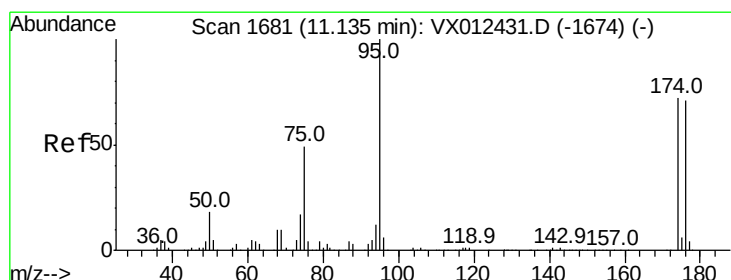
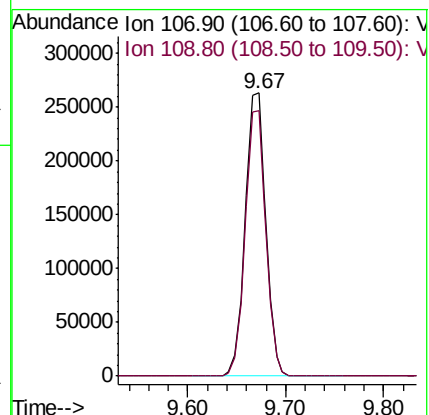
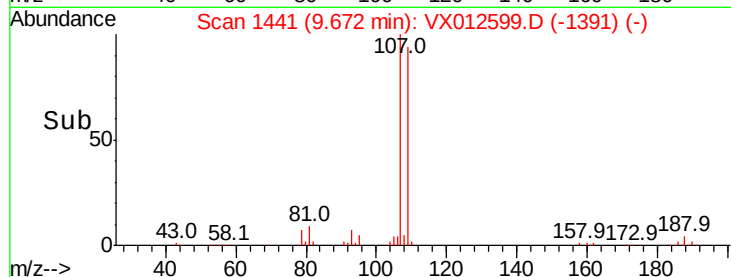
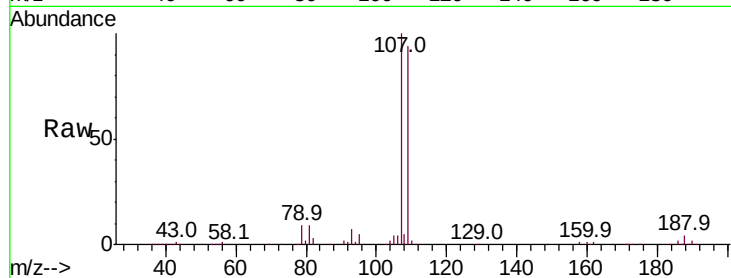
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:107 Resp: 385013

Ion Ratio Lower Upper

107 100

109 94.1 74.7 112.1



#62

4-Bromofluorobenzene

Concen: 158.834 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012599.D

Acq: 23 Sep 2019 12:05

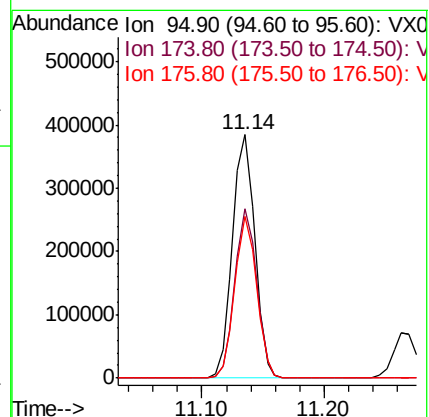
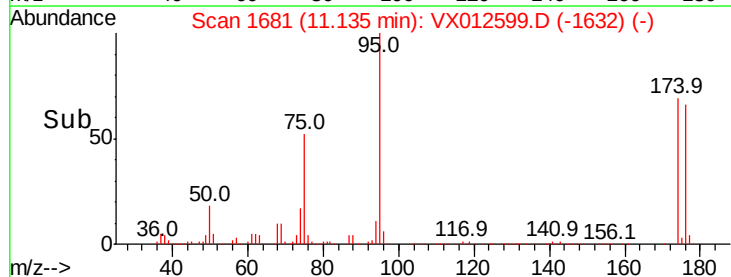
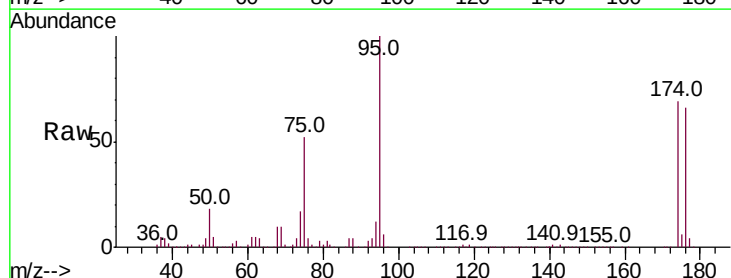
Tgt Ion: 95 Resp: 486465

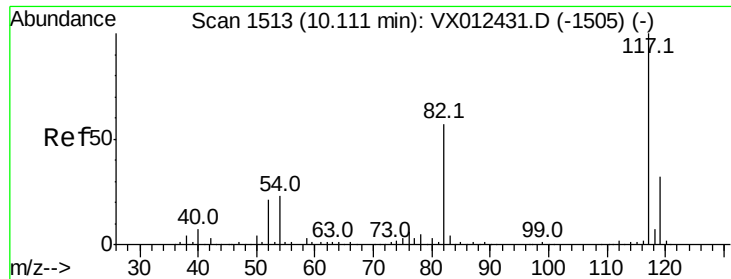
Ion Ratio Lower Upper

95 100

174 68.1 0.0 140.0

176 65.1 0.0 135.4

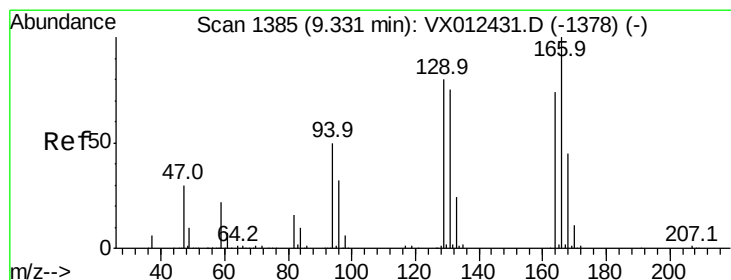
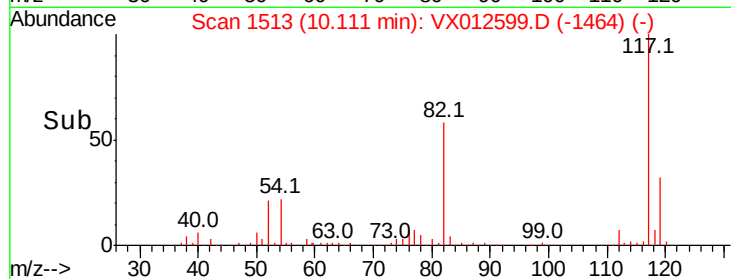
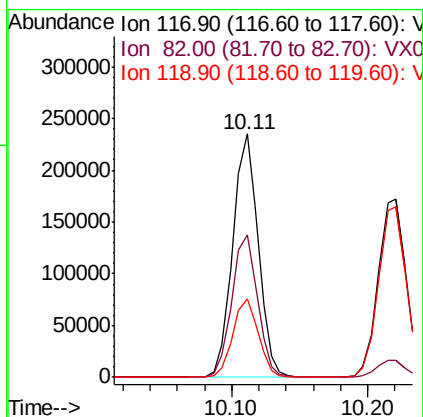
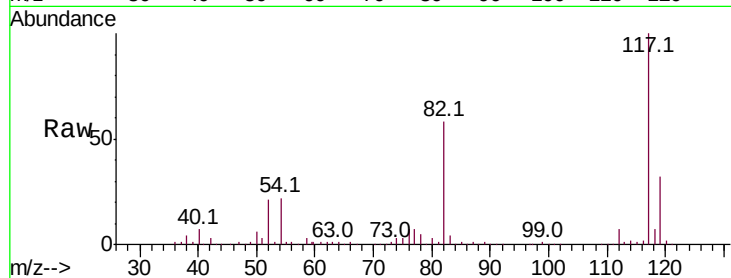




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012599.D
Acq: 23 Sep 2019 12:05

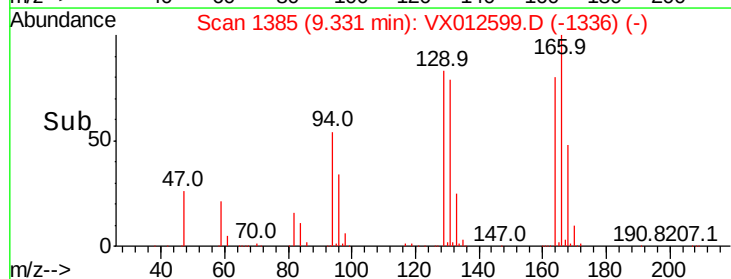
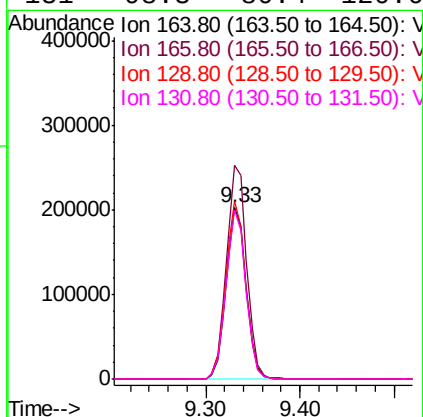
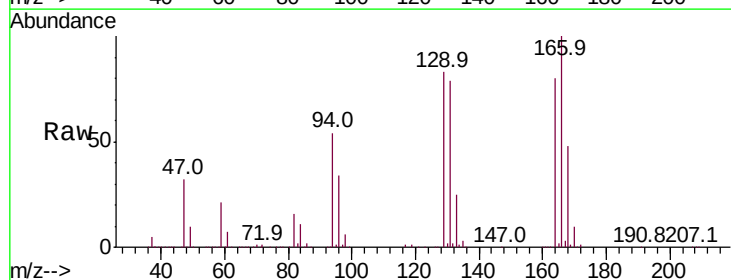
Instrument :
MSVOA_X
ClientSampleId :

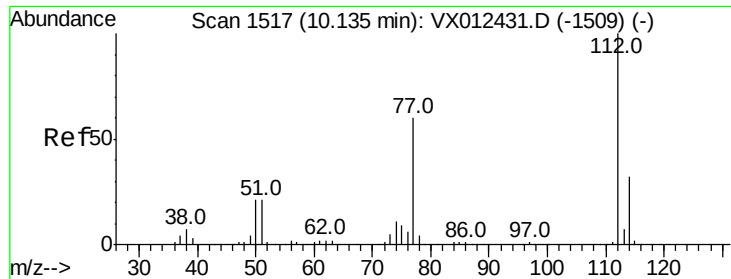
Tot Ion:117 Resp: 306579
Ion Ratio Lower Upper
117 100
82 58.4 45.9 68.9
119 32.3 25.3 37.9



#64
Tetrachloroethene
Concen: 210.942 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012599.D
Acq: 23 Sep 2019 12:05

Tgt Ion:164 Resp: 296344
Ion Ratio Lower Upper
164 100
166 124.5 107.8 161.6
129 103.9 86.2 129.2
131 98.3 80.4 120.6

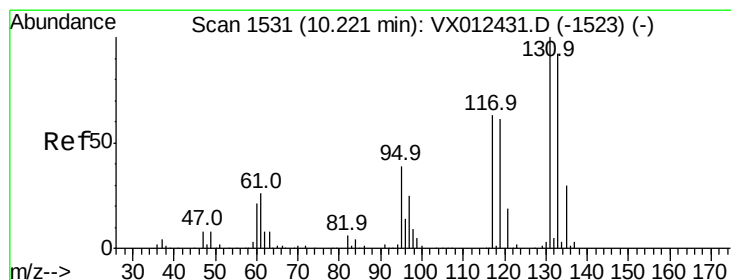
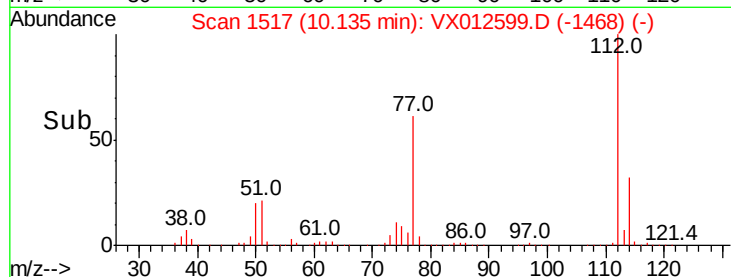
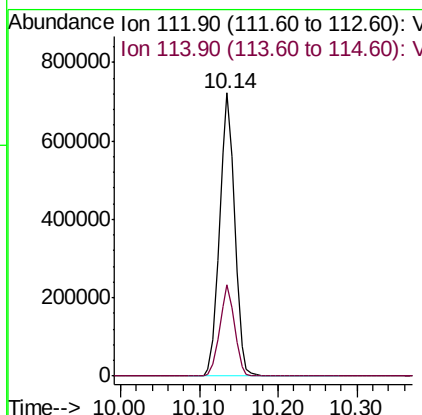
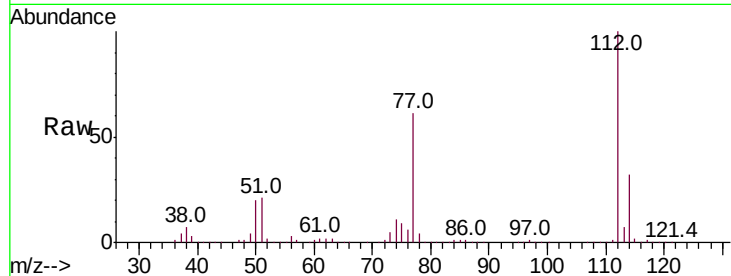




#65
Chlorobenzene
Concen: 190.819 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX012599.D
Acq: 23 Sep 2019 12:05

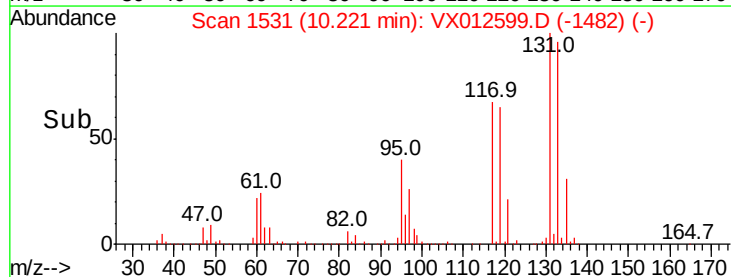
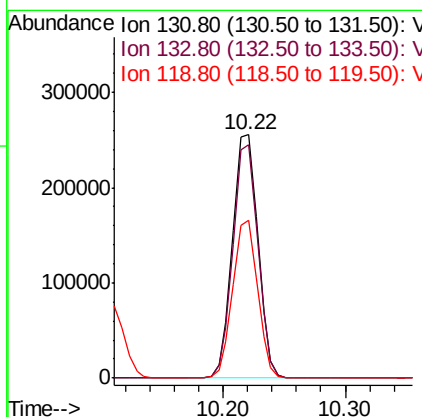
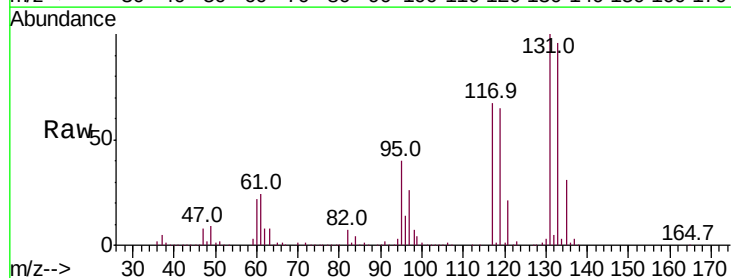
Instrument :
MSVOA_X
ClientSampled :

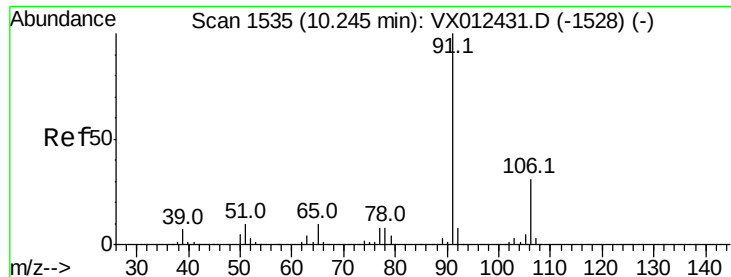
Tot Ion:112 Resp: 965556
Ion Ratio Lower Upper
112 100
114 32.5 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 174.252 ug/l
RT: 10.22 min Scan# 1531
Delta R.T. 0.00 min
Lab File: VX012599.D
Acq: 23 Sep 2019 12:05

Tgt Ion:131 Resp: 365938
Ion Ratio Lower Upper
131 100
133 94.5 47.6 142.9
119 63.6 31.3 93.8





#67

Ethyl Benzene

Concen: 203.714 ug/l

RT: 10.25 min Scan# 1536

Delta R.T. 0.01 min

Lab File: VX012599.D

Acq: 23 Sep 2019 12:05

Instrument :

MSVOA_X

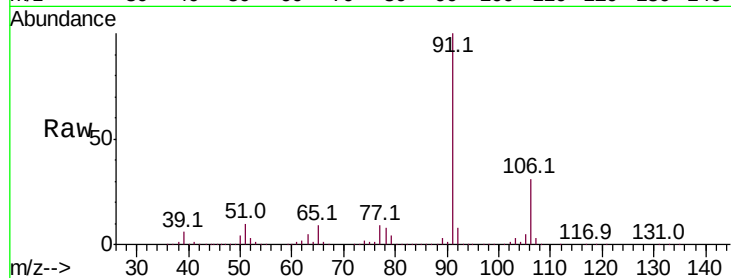
ClientSampleId :

Tot Ion: 91 Resp: 1770989

Ion Ratio Lower Upper

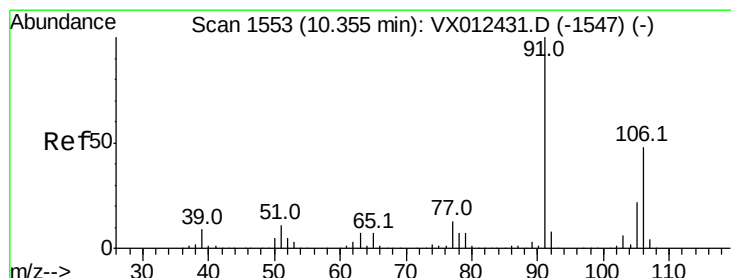
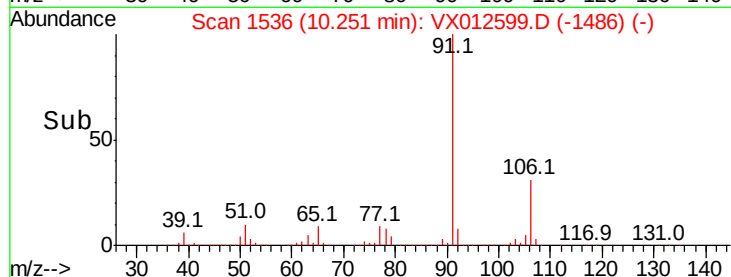
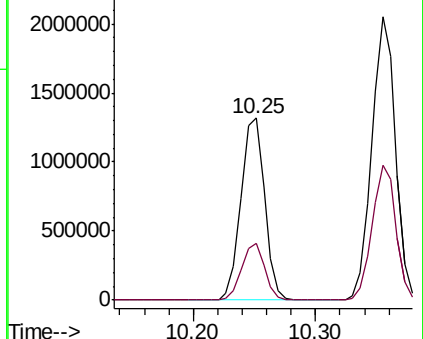
91 100

106 31.2 24.6 37.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 416.980 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX012599.D

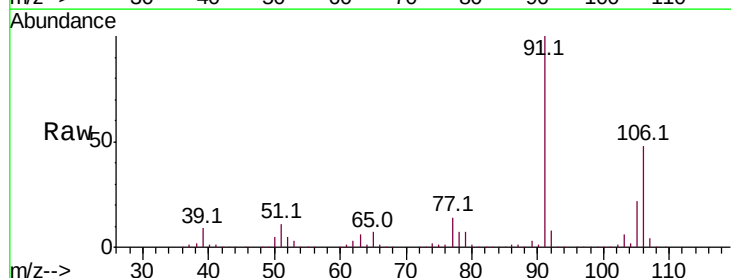
Acq: 23 Sep 2019 12:05

Tgt Ion:106 Resp: 1318962

Ion Ratio Lower Upper

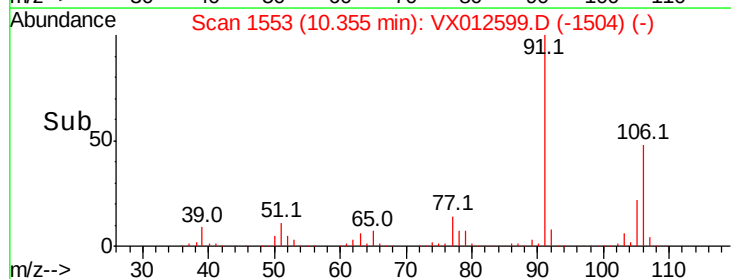
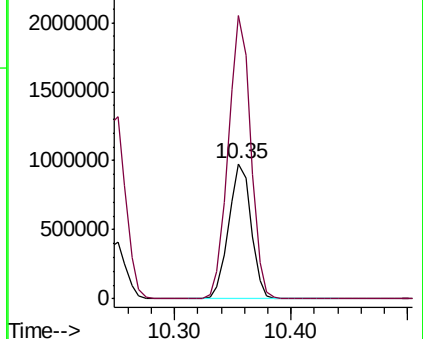
106 100

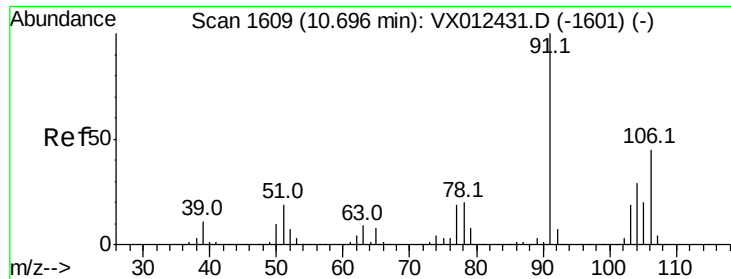
91 208.0 166.6 250.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

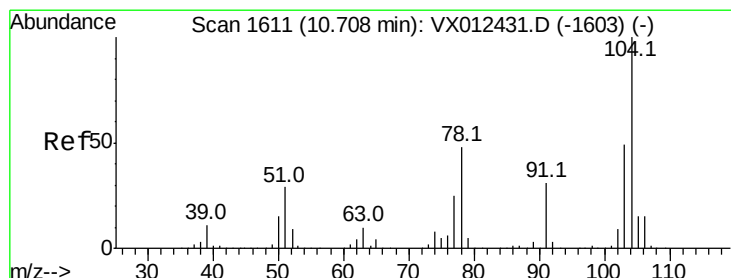
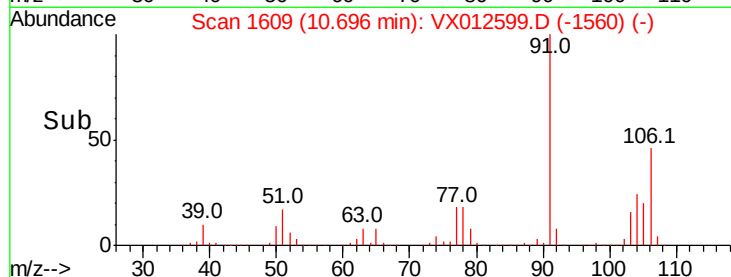
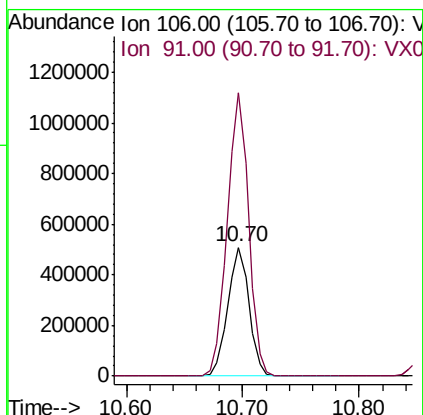
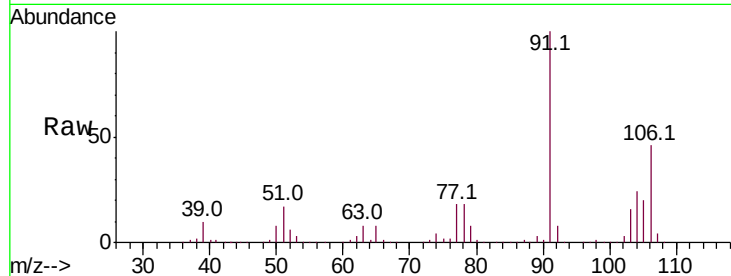




#69
o-Xylene
Concen: 198.995 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012599.D
Acq: 23 Sep 2019 12:05

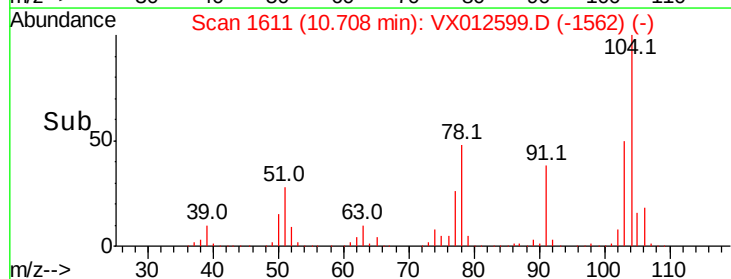
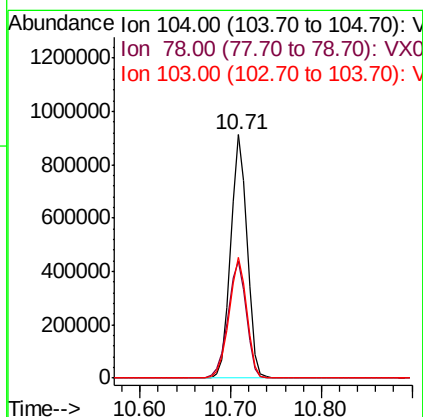
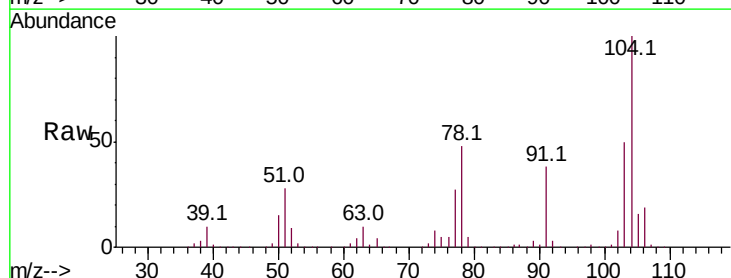
Instrument :
MSVOA_X
ClientSampled :

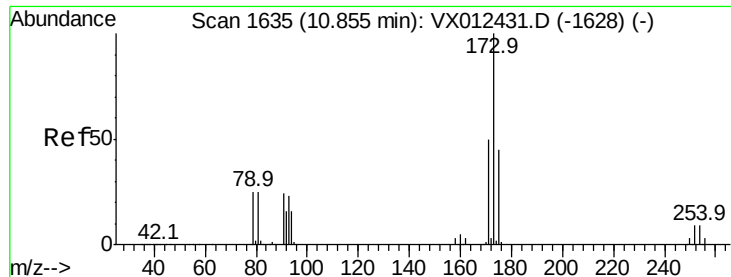
Tot Ion:106 Resp: 647330
Ion Ratio Lower Upper
106 100
91 219.3 109.4 328.2



#70
Styrene
Concen: 199.198 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012599.D
Acq: 23 Sep 2019 12:05

Tgt Ion:104 Resp: 1146493
Ion Ratio Lower Upper
104 100
78 53.6 43.4 65.2
103 53.6 43.3 64.9





#71

Bromoform

Concen: 184.489 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012599.D

Acq: 23 Sep 2019 12:05

Instrument :

MSVOA_X

ClientSampled :

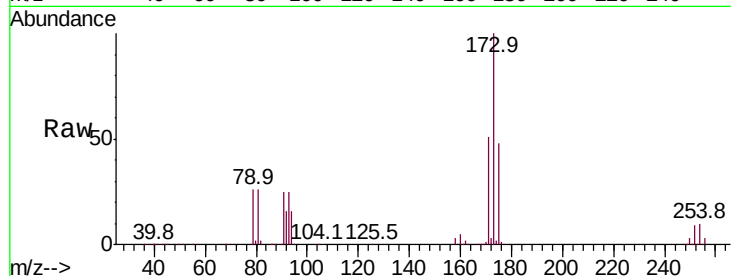
Tot Ion:173 Resp: 289768

Ion Ratio Lower Upper

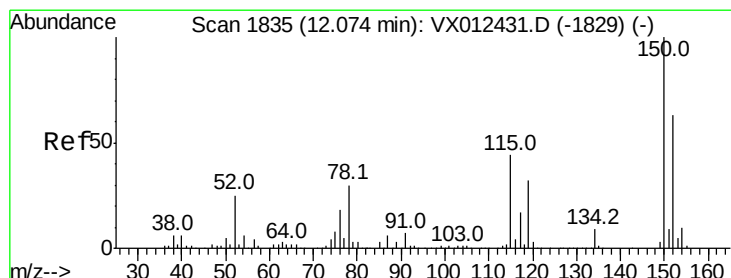
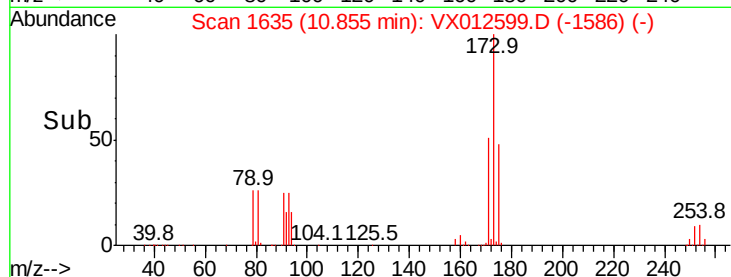
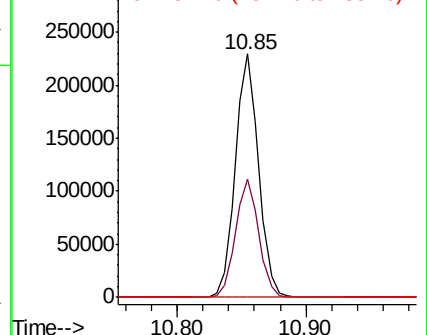
173 100

175 48.5 23.7 71.1

254 0.1 0.1 0.1



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012599.D

Acq: 23 Sep 2019 12:05

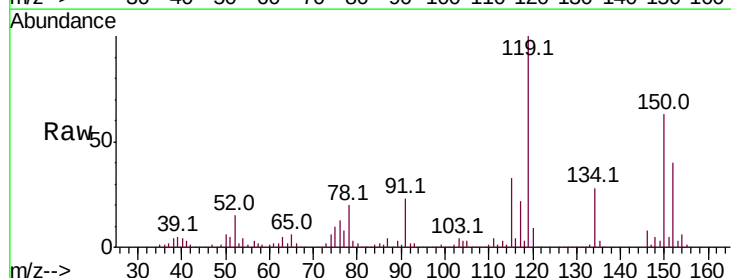
Tgt Ion:152 Resp: 145203

Ion Ratio Lower Upper

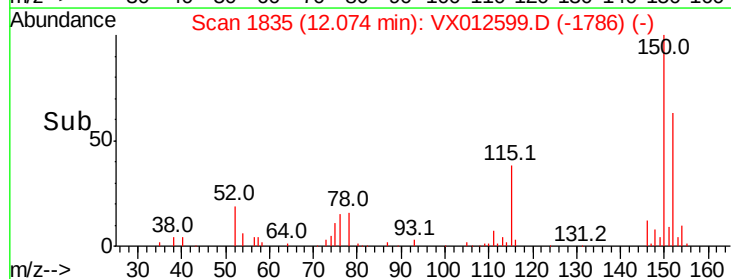
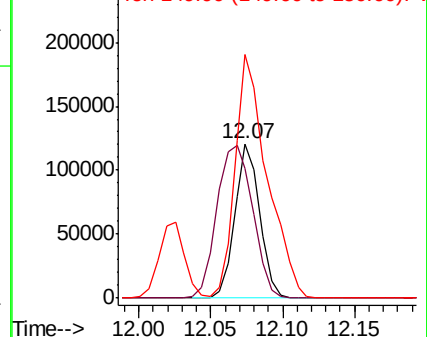
152 100

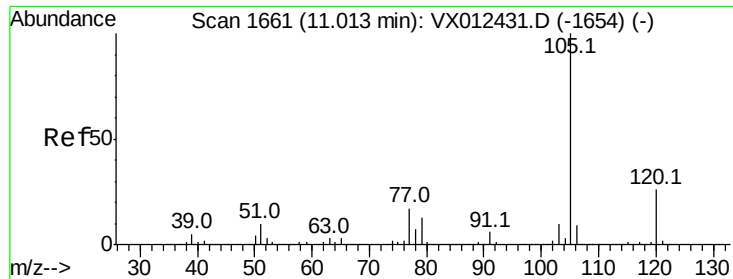
115 143.3 44.1 132.3#

150 204.6 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: 188.618 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012599.D

Acq: 23 Sep 2019 12:05

Instrument :

MSVOA_X

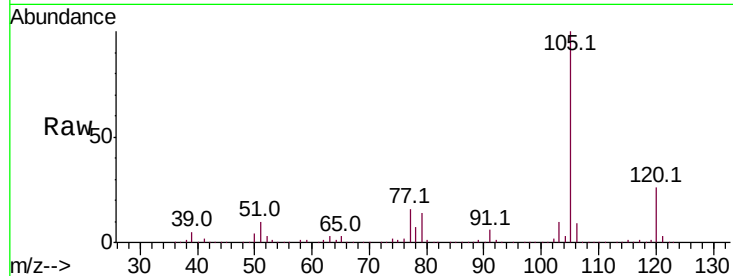
ClientSampleId :

Tot Ion:105 Resp: 1718426

Ion Ratio Lower Upper

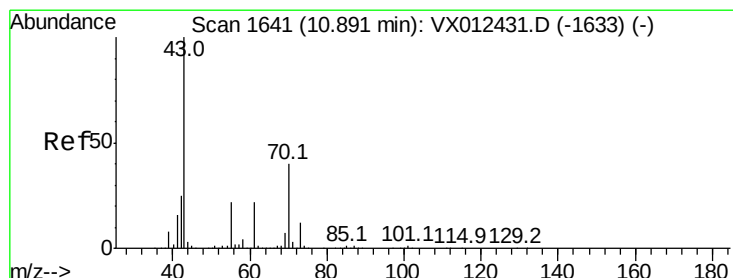
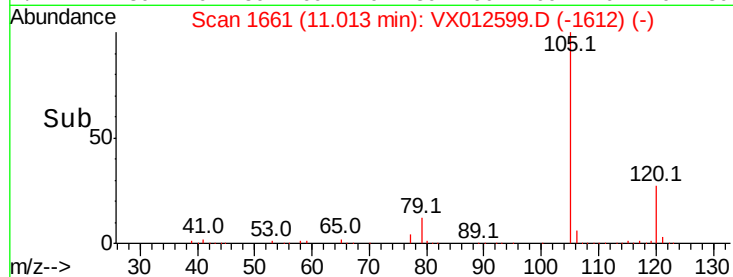
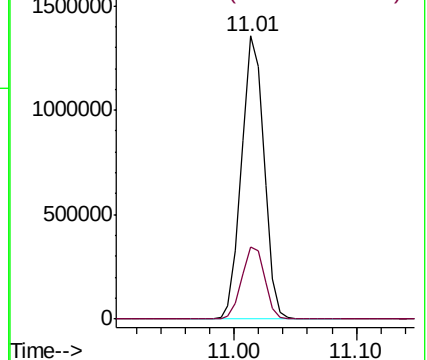
105 100

120 25.9 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 175.729 ug/l

RT: 10.90 min Scan# 1642

Delta R.T. 0.01 min

Lab File: VX012599.D

Acq: 23 Sep 2019 12:05

Tgt Ion: 43 Resp: 861954

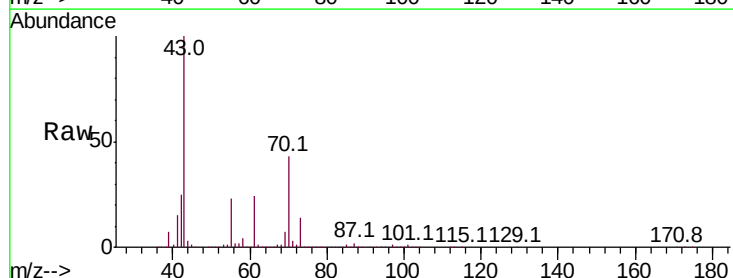
Ion Ratio Lower Upper

43 100

70 42.6 32.4 48.6

55 23.6 18.2 27.4

61 24.4 18.5 27.7

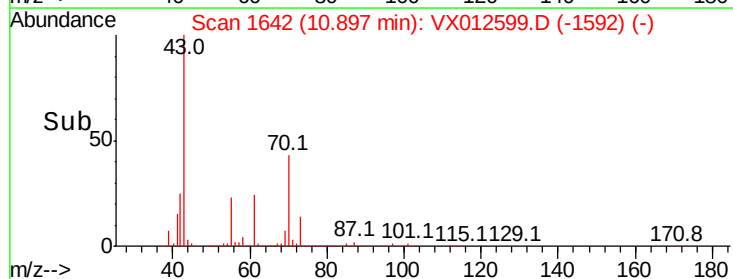
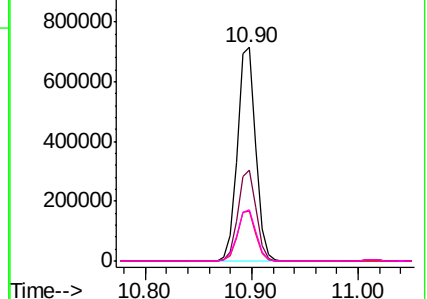


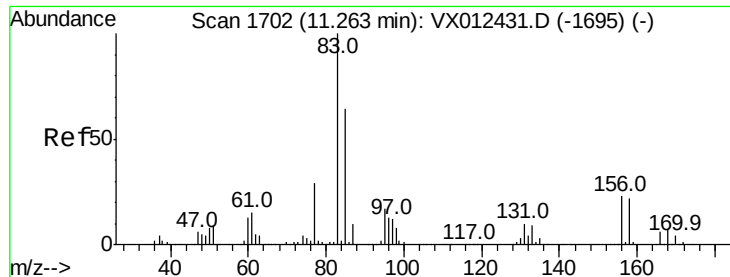
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 160.779 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012599.D

Acq: 23 Sep 2019 12:05

Instrument :

MSVOA_X

ClientSampled :

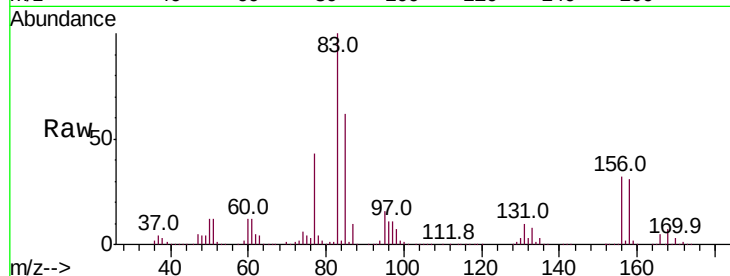
Tot Ion: 83 Resp: 574603

Ion Ratio Lower Upper

83 100

131 9.9 5.2 15.6

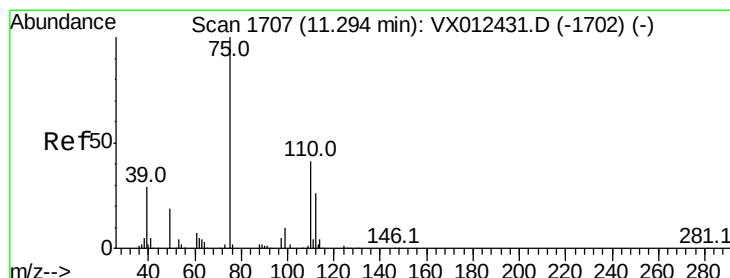
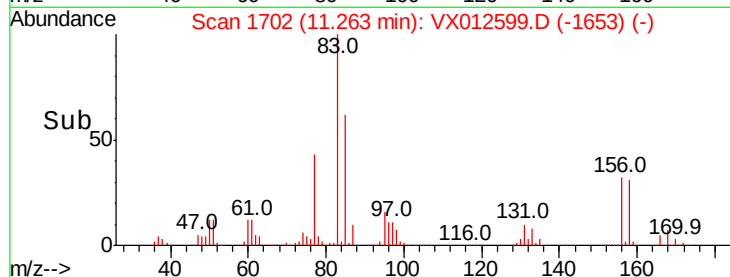
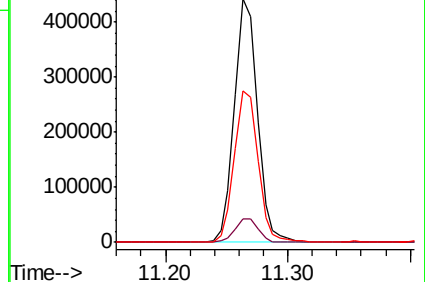
85 64.2 32.0 96.0



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: 215.376 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX012599.D

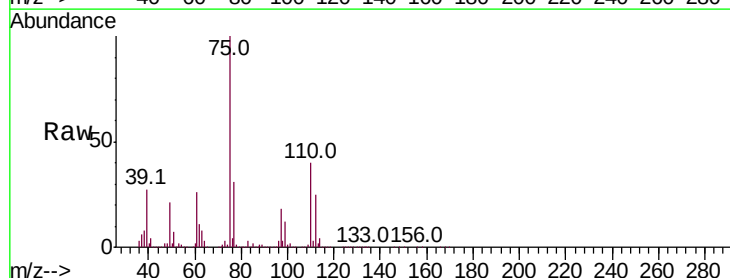
Acq: 23 Sep 2019 12:05

Tgt Ion: 75 Resp: 718371

Ion Ratio Lower Upper

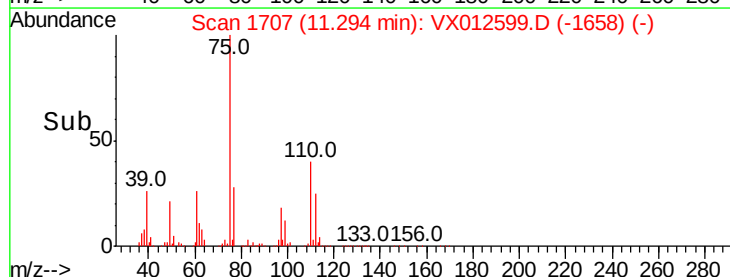
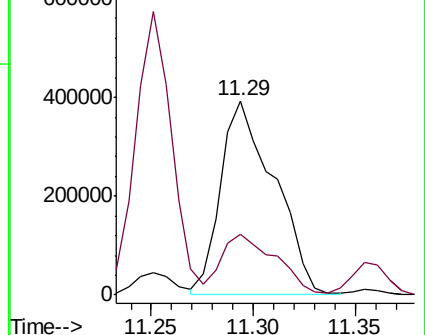
75 100

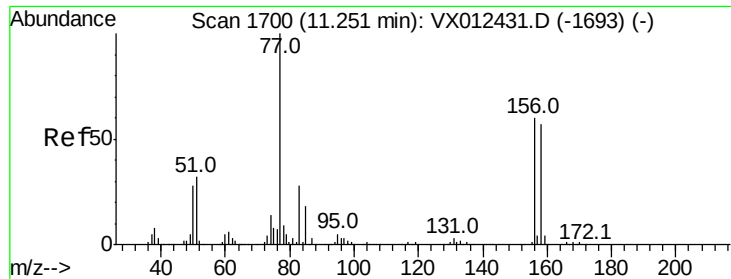
77 31.6 19.7 59.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 179.871 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012599.D

Acq: 23 Sep 2019 12:05

Instrument :

MSVOA_X

ClientSampleId :

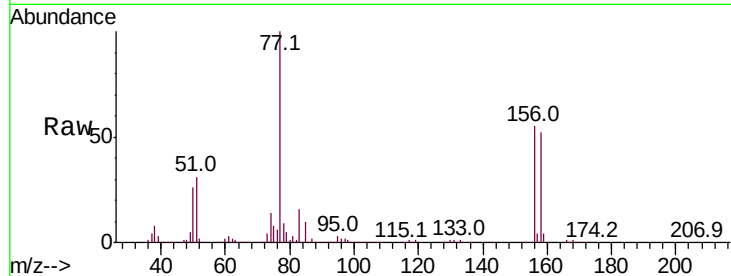
Tot Ion:156 Resp: 399659

Ion Ratio Lower Upper

156 100

77 177.6 87.3 261.8

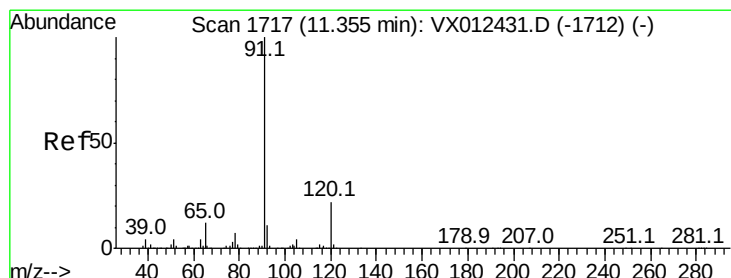
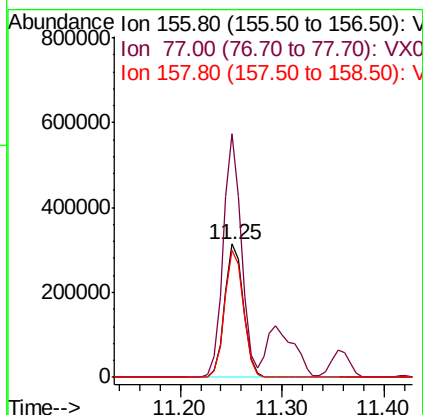
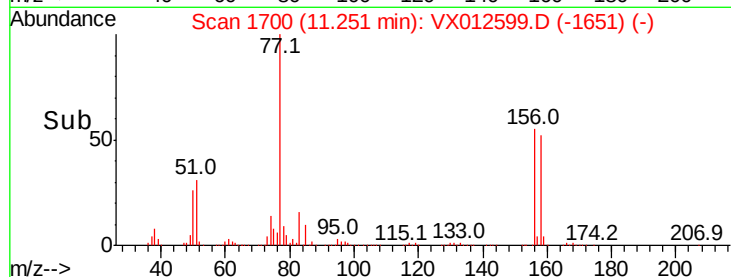
158 95.8 48.5 145.6



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: 194.993 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012599.D

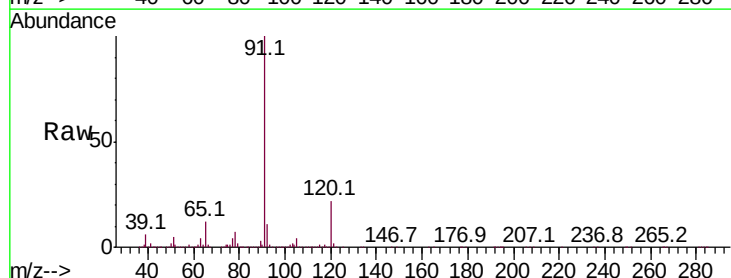
Acq: 23 Sep 2019 12:05

Tgt Ion: 91 Resp: 1979993

Ion Ratio Lower Upper

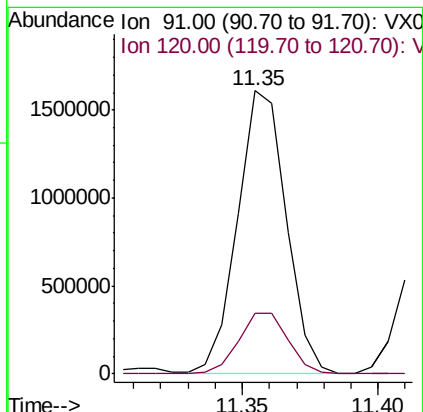
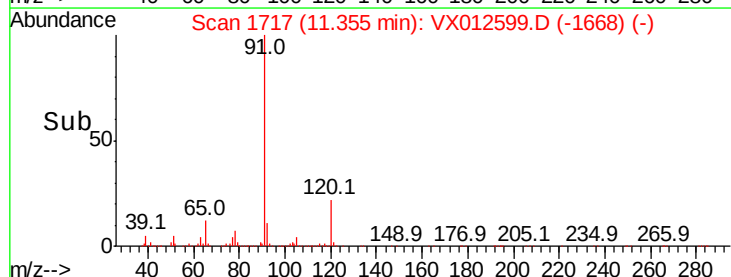
91 100

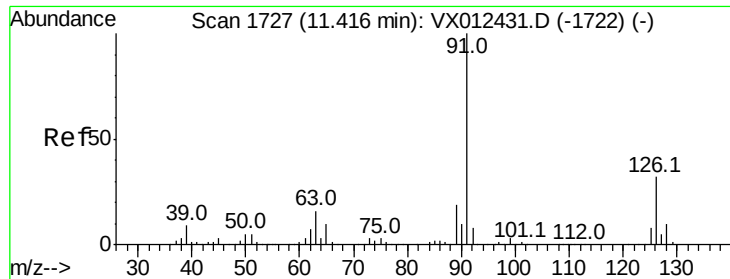
120 22.3 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 180.444 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX012599.D

Acq: 23 Sep 2019 12:05

Instrument :

MSVOA_X

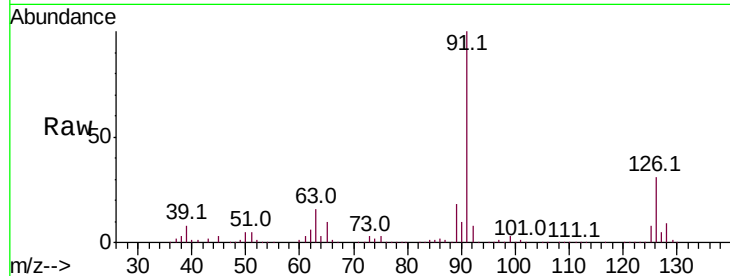
ClientSampleId :

Tot Ion: 91 Resp: 1191993

Ion Ratio Lower Upper

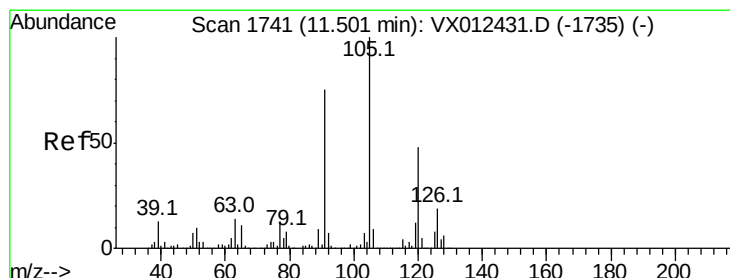
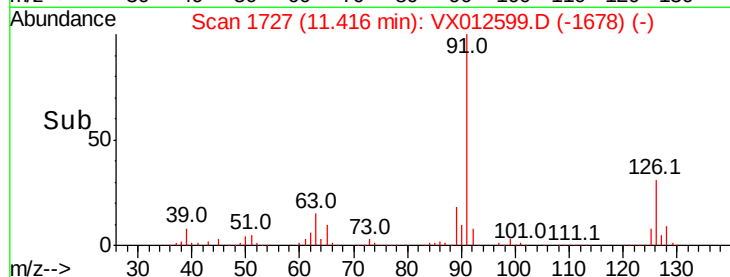
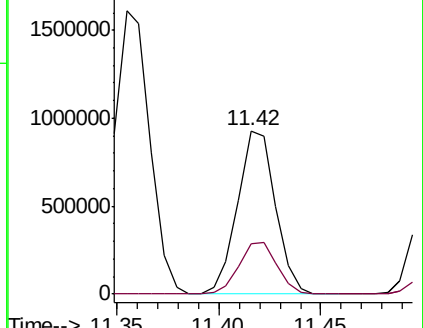
91 100

126 32.2 16.4 49.4



Abundance Ion 91.00 (90.70 to 91.70): VX012431.D (-1722) (-)

Ion 125.90 (125.60 to 126.60): VX012431.D (-1722) (-)



#80

1,3,5-Trimethylbenzene

Concen: 188.270 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX012599.D

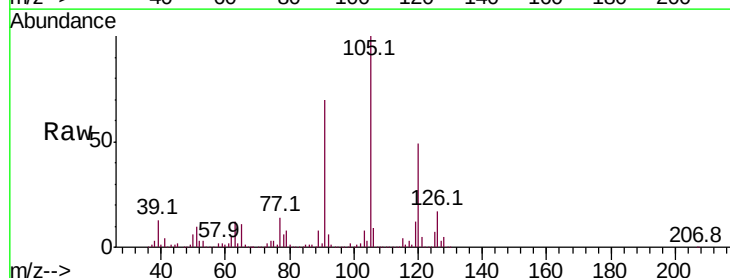
Acq: 23 Sep 2019 12:05

Tgt Ion:105 Resp: 1462839

Ion Ratio Lower Upper

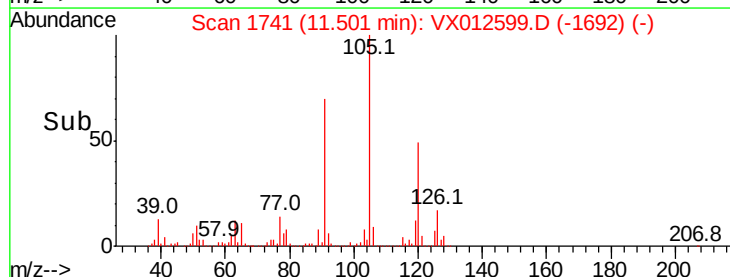
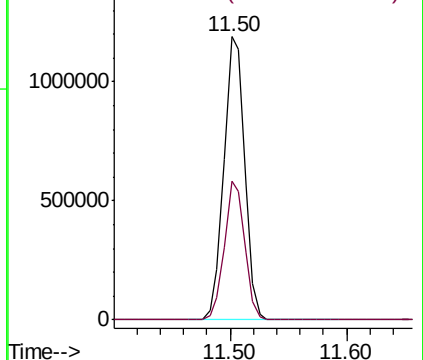
105 100

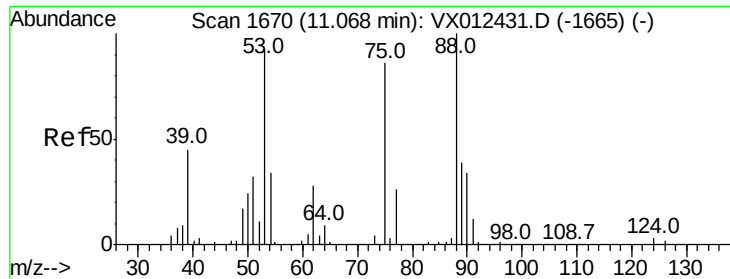
120 47.7 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VX012431.D (-1735) (-)

Ion 120.00 (119.70 to 120.70): VX012431.D (-1735) (-)

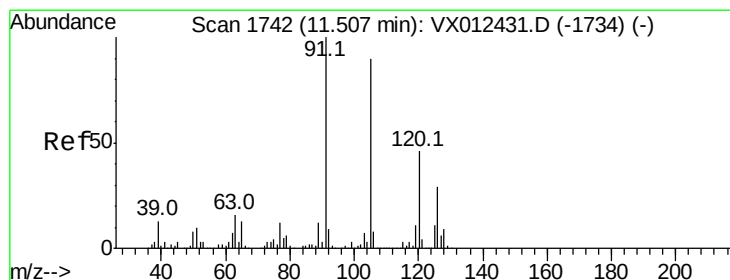
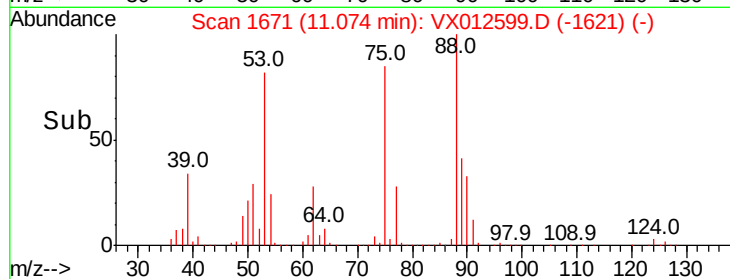
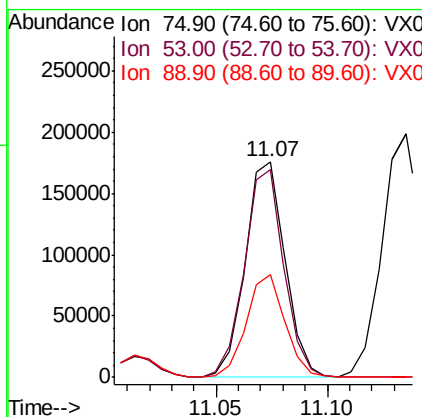
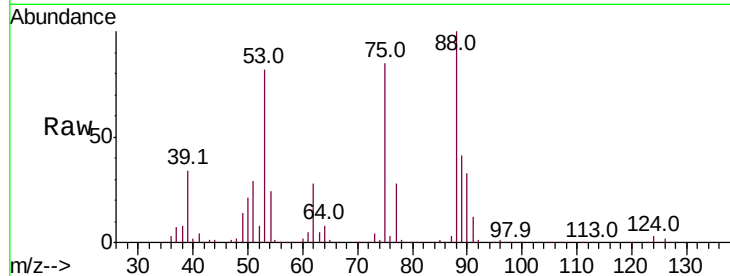




#81
trans-1,4-Dichloro-2-butene
Concen: 194.691 ug/l
RT: 11.07 min Scan# 1671
Delta R.T. 0.01 min
Lab File: VX012599.D
Acq: 23 Sep 2019 12:05

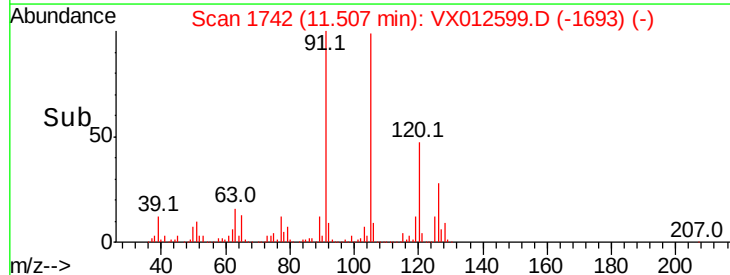
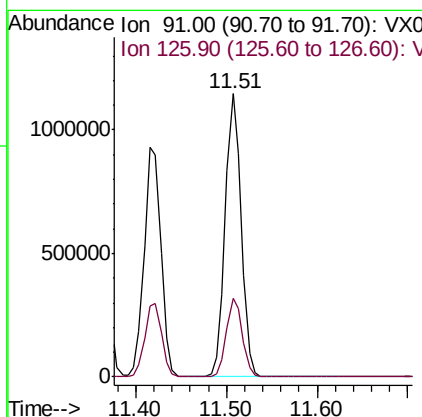
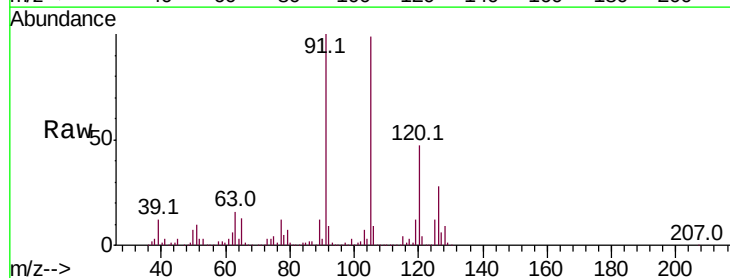
Instrument :
MSVOA_X
ClientSampled :

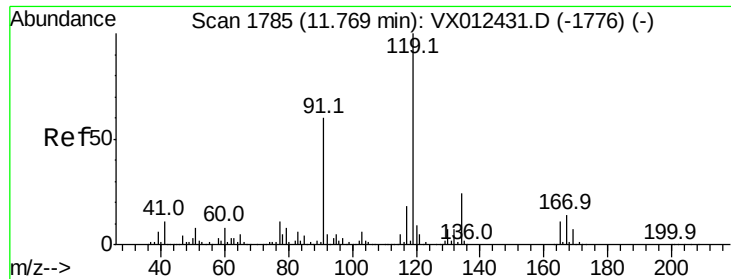
Tot Ion: 75 Resp: 218648
Ion Ratio Lower Upper
75 100
53 96.3 83.6 125.4
89 46.7 36.3 54.5



#82
4-Chlorotoluene
Concen: 185.578 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX012599.D
Acq: 23 Sep 2019 12:05

Tgt Ion: 91 Resp: 1406964
Ion Ratio Lower Upper
91 100
126 27.6 14.4 43.0

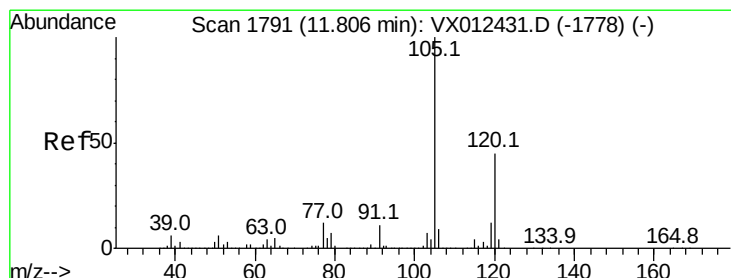
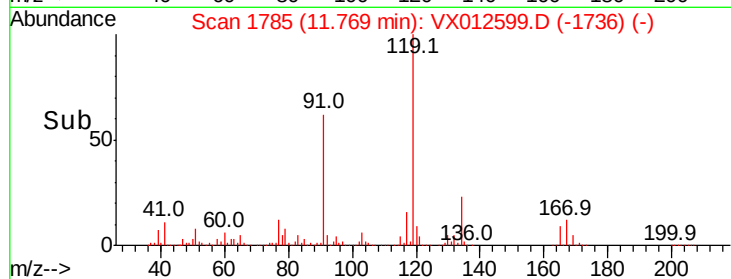
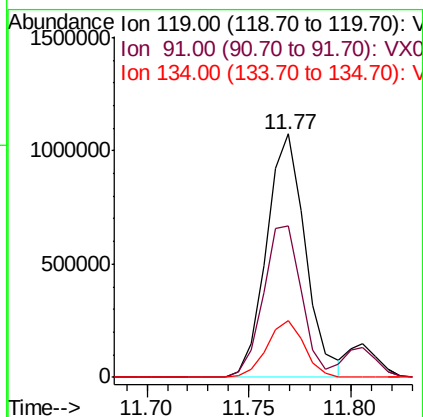
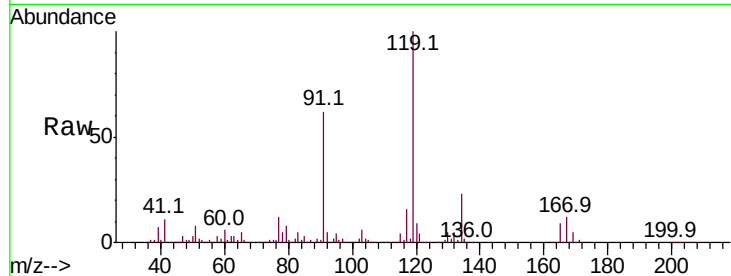




#83
tert-Butylbenzene
Concen: 171.496 ug/l
RT: 11.77 min Scan# 1785
Delta R.T. 0.00 min
Lab File: VX012599.D
Acq: 23 Sep 2019 12:05

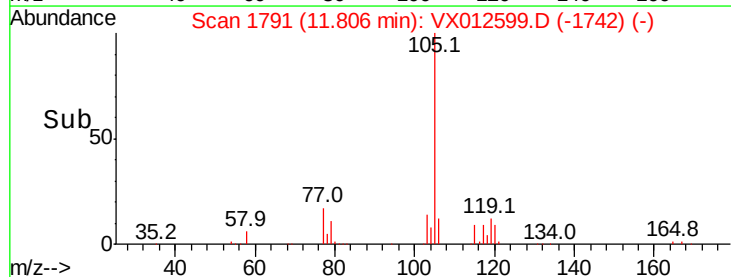
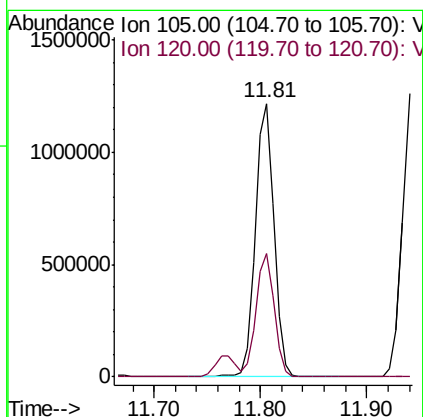
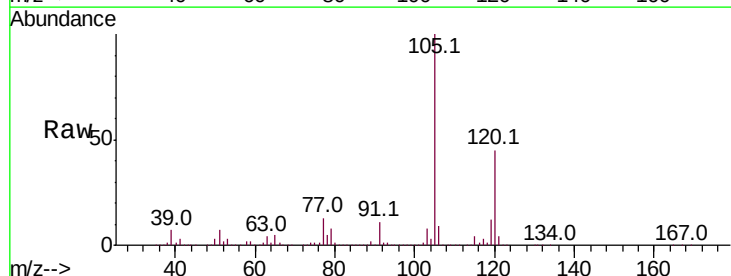
Instrument :
MSVOA_X
ClientSampleId :

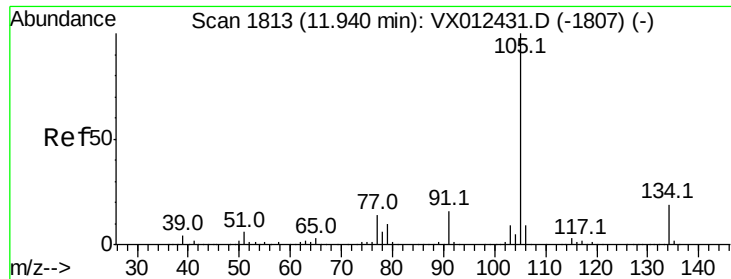
Tot Ion:119 Resp: 1427841
Ion Ratio Lower Upper
119 100
91 61.2 30.0 90.0
134 22.3 11.3 33.9



#84
1,2,4-Trimethylbenzene
Concen: 187.573 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. 0.00 min
Lab File: VX012599.D
Acq: 23 Sep 2019 12:05

Tgt Ion:105 Resp: 1496440
Ion Ratio Lower Upper
105 100
120 44.0 22.2 66.6





#85

sec-Butylbenzene

Concen: 180.402 ug/l

RT: 11.95 min Scan# 1814

Delta R.T. 0.01 min

Lab File: VX012599.D

Acq: 23 Sep 2019 12:05

Instrument :

MSVOA_X

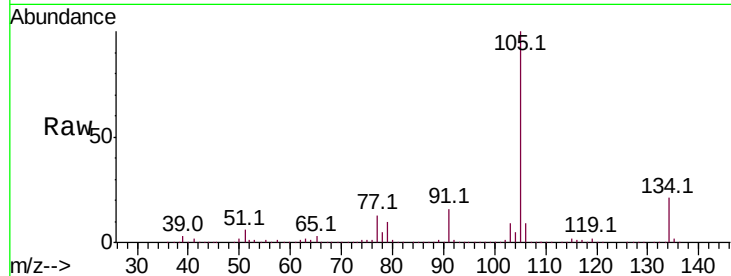
ClientSampled :

Tot Ion:105 Resp: 1655077

Ion Ratio Lower Upper

105 100

134 19.8 9.8 29.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.95

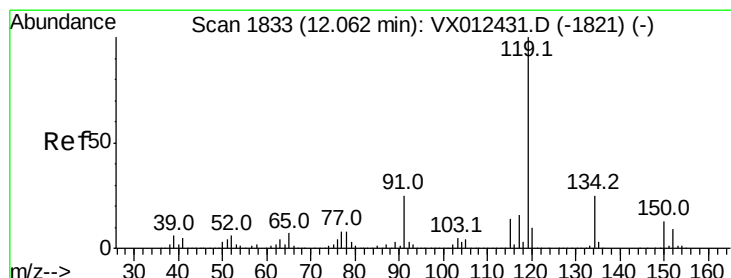
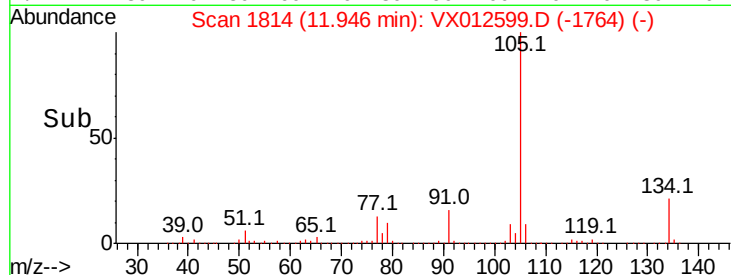
1500000

1000000

500000

0

Time-->



#86

p-Isopropyltoluene

Concen: 181.003 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX012599.D

Acq: 23 Sep 2019 12:05

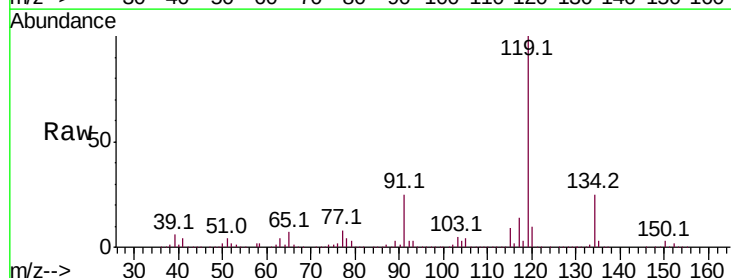
Tgt Ion:119 Resp: 1524842

Ion Ratio Lower Upper

119 100

134 24.9 12.7 38.1

91 25.5 12.8 38.4



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

12.06

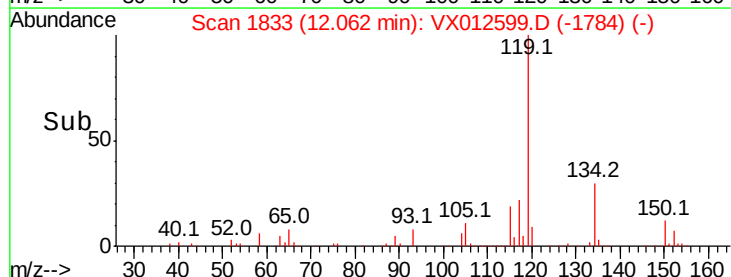
1500000

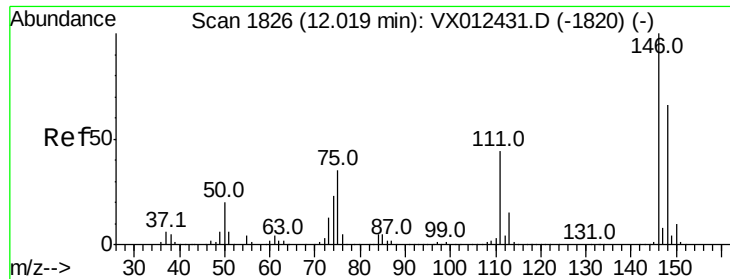
1000000

500000

0

Time-->

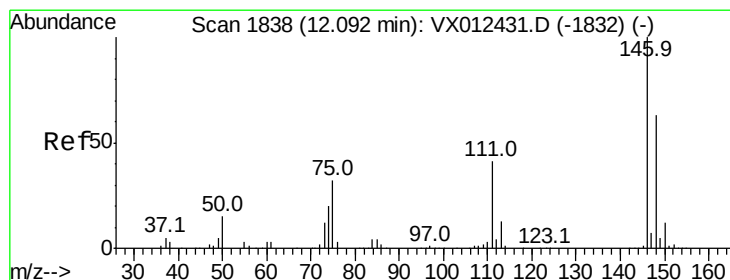
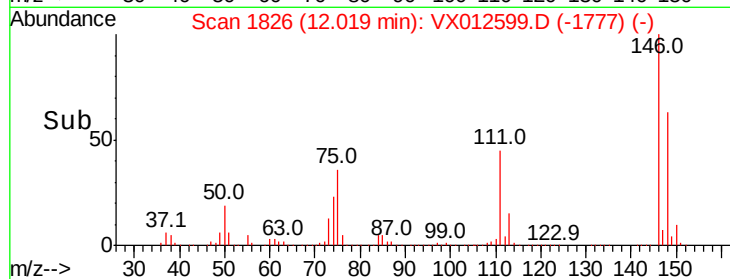
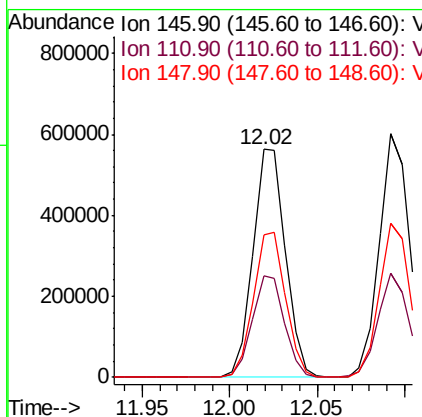
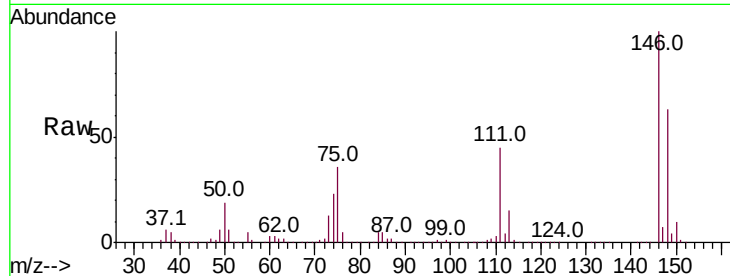




#87
 1,3-Dichlorobenzene
 Concen: 173.893 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX012599.D
 Acq: 23 Sep 2019 12:05

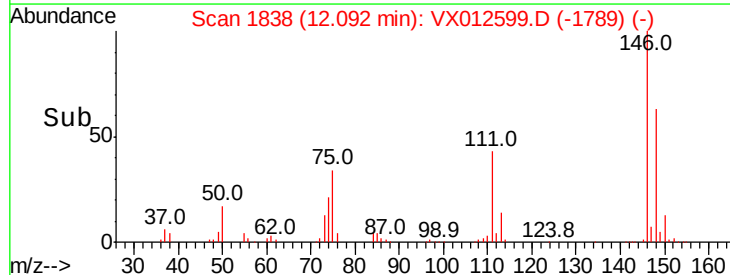
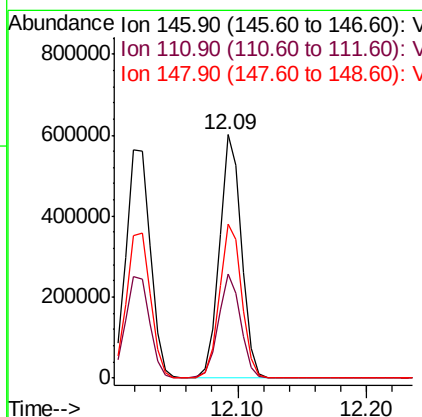
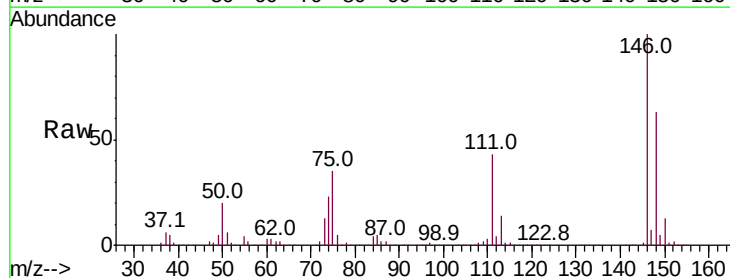
Instrument :
 MSVOA_X
 ClientSampleId :

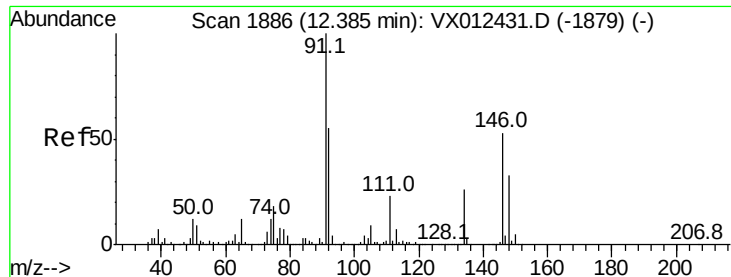
Tot Ion	Ratio	Lower	Upper
146	100		
111	44.2	21.3	64.0
148	63.1	32.4	97.2



#88
 1,4-Dichlorobenzene
 Concen: 168.282 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX012599.D
 Acq: 23 Sep 2019 12:05

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.0	21.1	63.3
148	64.2	32.1	96.5





#89

n-Butylbenzene

Concen: 185.179 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX012599.D

Acq: 23 Sep 2019 12:05

Instrument :

MSVOA_X

ClientSampleId :

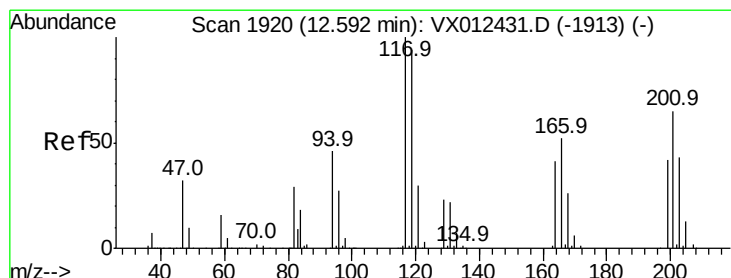
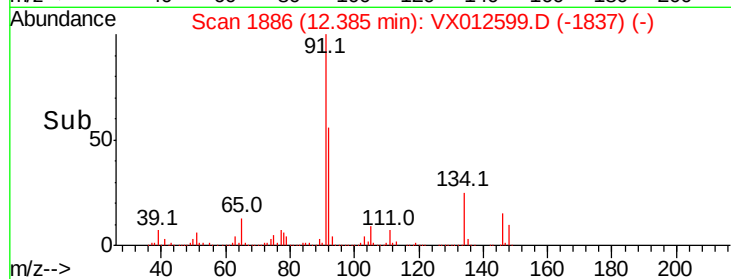
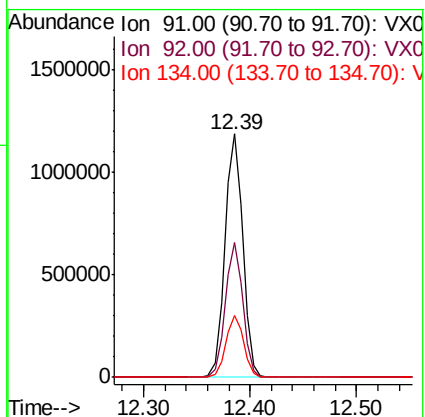
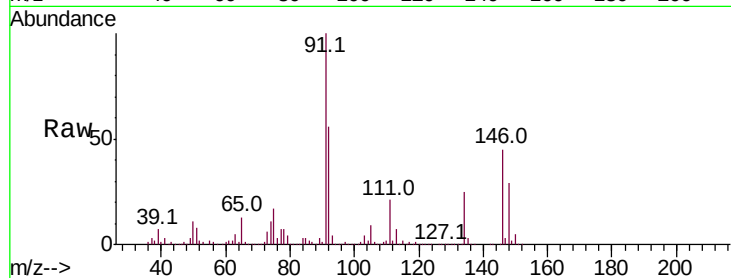
Tot Ion: 91 Resp: 1391921

Ion Ratio Lower Upper

91 100

92 54.4 27.7 83.0

134 25.3 12.9 38.6



#90

Hexachloroethane

Concen: 187.558 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX012599.D

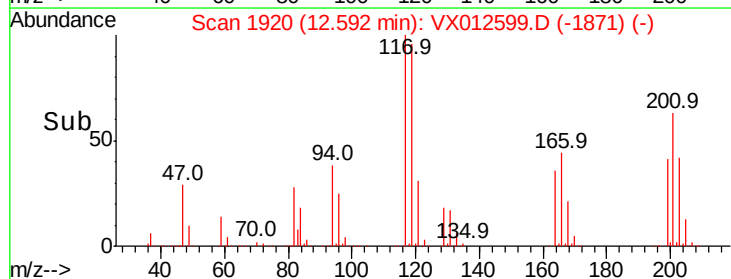
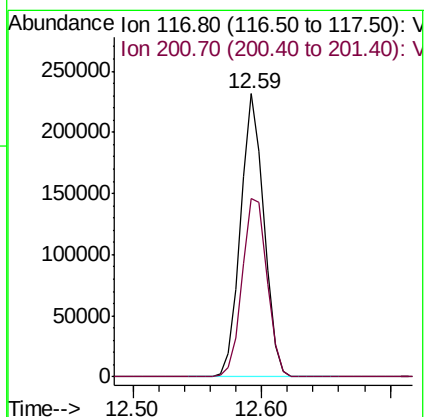
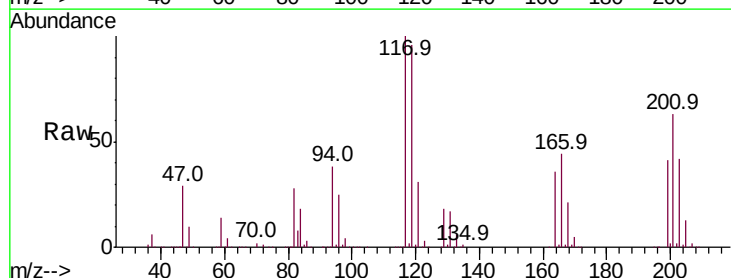
Acq: 23 Sep 2019 12:05

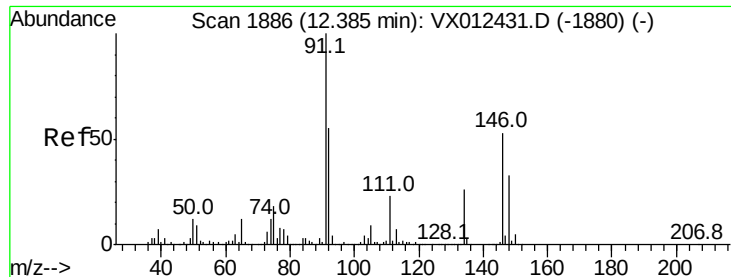
Tgt Ion: 117 Resp: 289720

Ion Ratio Lower Upper

117 100

201 66.9 33.3 99.8





#91

1,2-Dichlorobenzene

Concen: 160.770 ug/l

RT: 12.39 min Scan# 1887

Delta R.T. 0.01 min

Lab File: VX012599.D

Acq: 23 Sep 2019 12:05

Instrument :

MSVOA_X

ClientSampled :

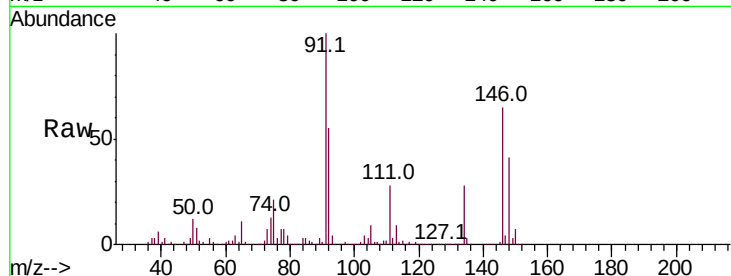
Tot Ion:146 Resp: 702317

Ion Ratio Lower Upper

146 100

111 46.0 22.1 66.1

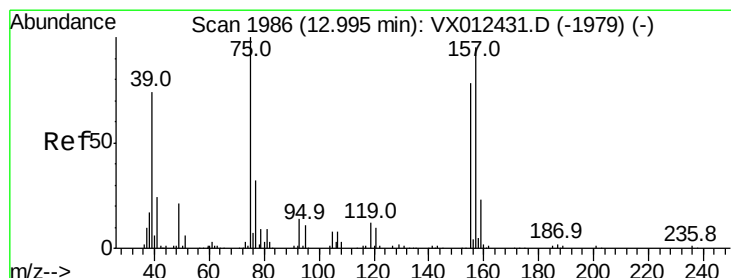
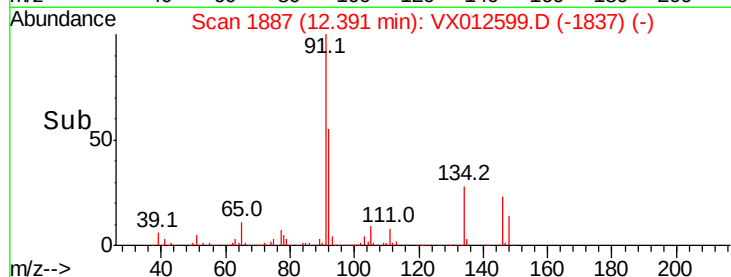
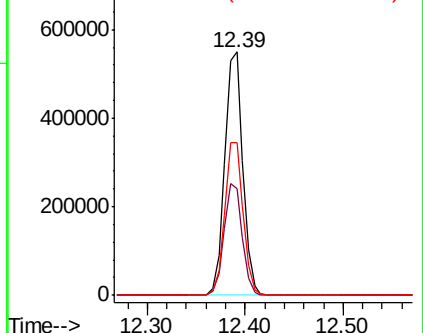
148 63.7 31.3 93.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 166.113 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX012599.D

Acq: 23 Sep 2019 12:05

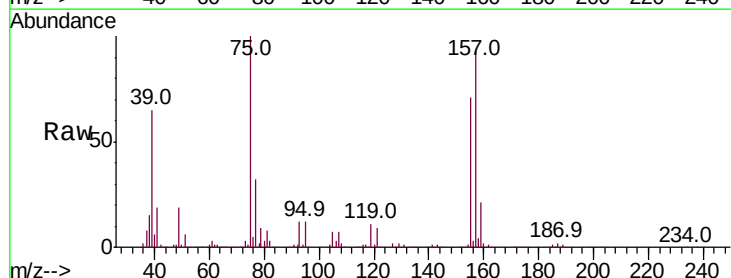
Tgt Ion: 75 Resp: 153911

Ion Ratio Lower Upper

75 100

155 76.3 38.6 115.8

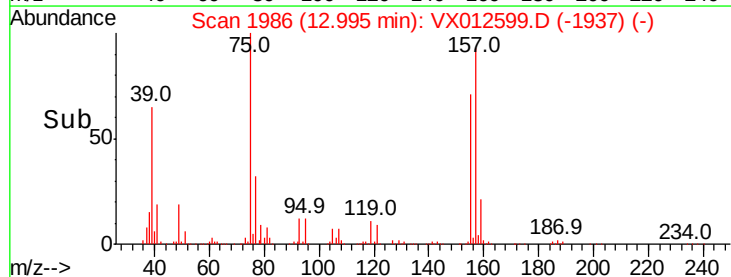
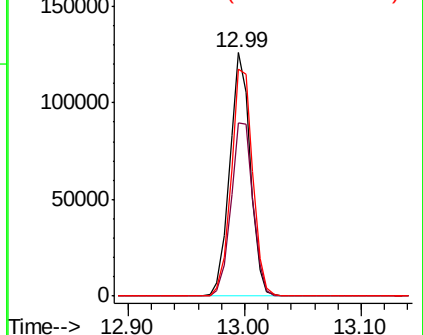
157 98.1 50.6 151.9

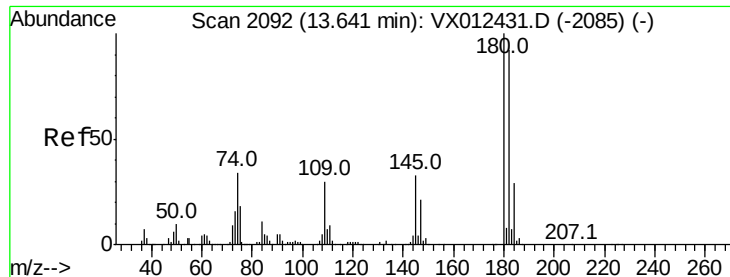


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

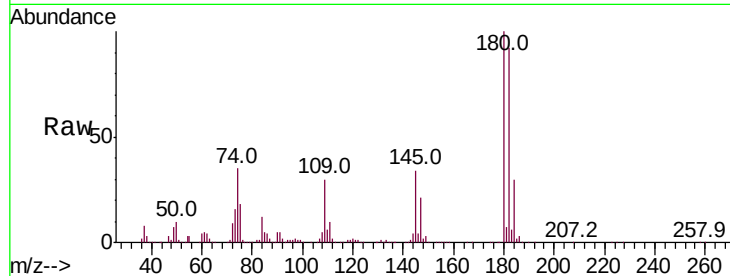




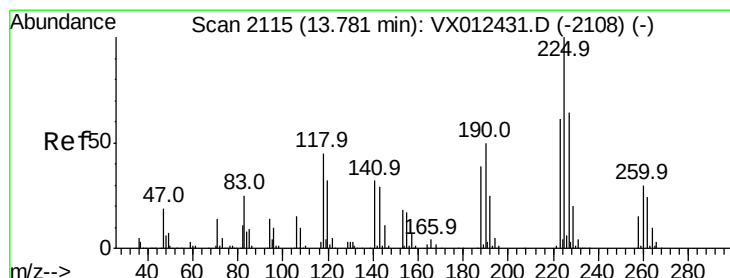
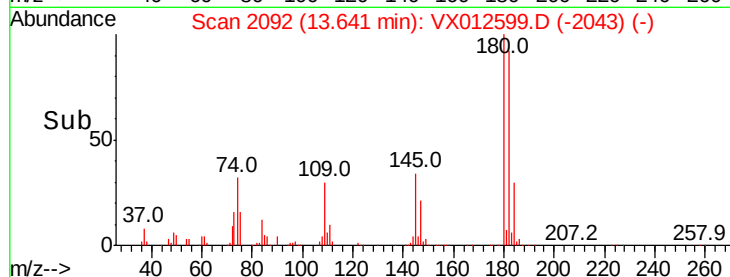
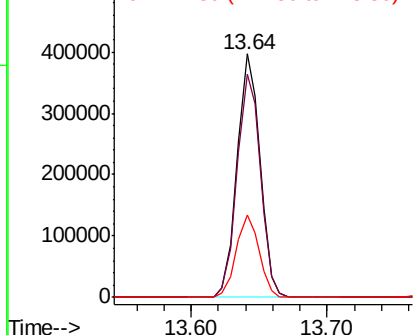
#93
 1,2,4-Trichlorobenzene
 Concen: 164.692 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX012599.D
 Acq: 23 Sep 2019 12:05

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:180 Resp: 463411
 Ion Ratio Lower Upper
 180 100
 182 94.1 47.0 141.0
 145 34.1 16.8 50.4

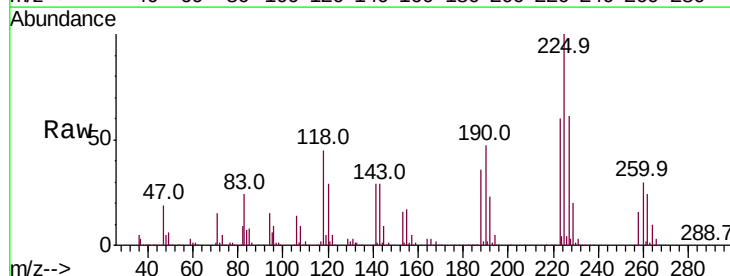


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

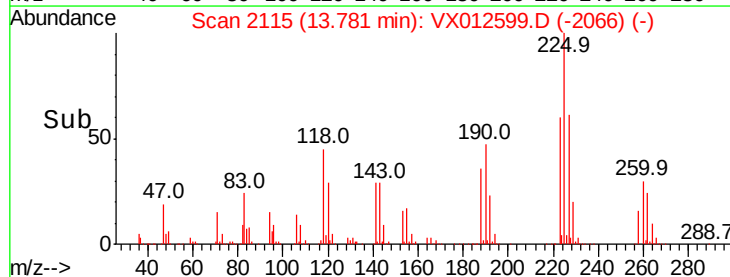
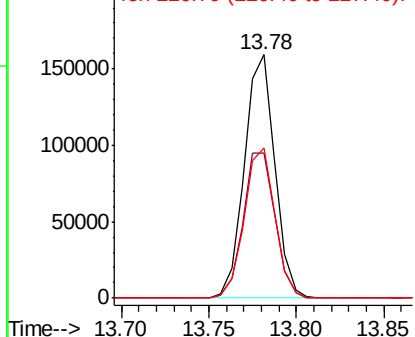


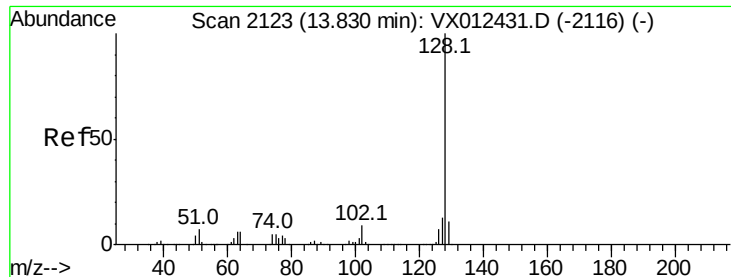
#94
 Hexachlorobutadiene
 Concen: 144.537 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VX012599.D
 Acq: 23 Sep 2019 12:05

Tgt Ion:225 Resp: 191683
 Ion Ratio Lower Upper
 225 100
 223 63.0 32.0 96.2
 227 62.2 31.9 95.5



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

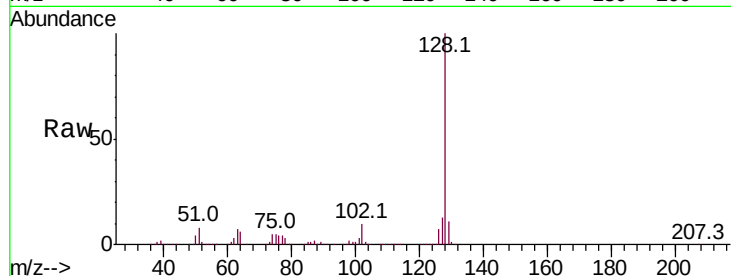




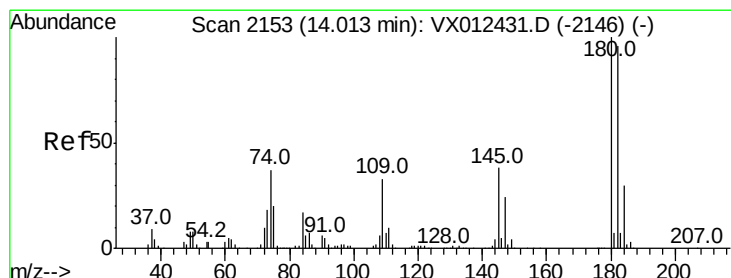
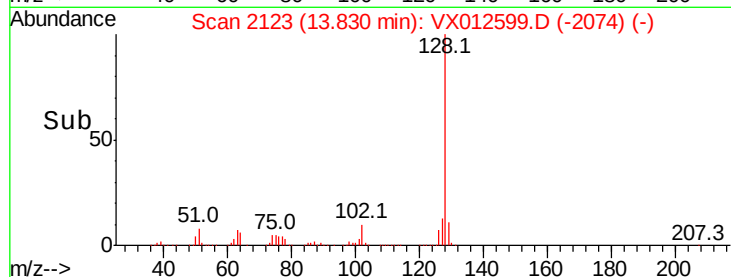
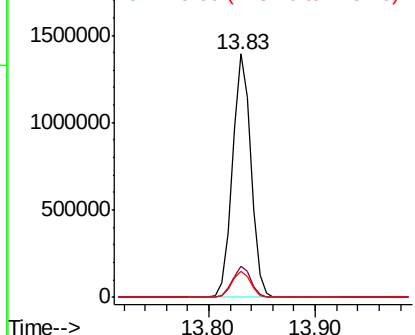
#95
Naphthalene
Concen: 169.008 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX012599.D
Acq: 23 Sep 2019 12:05

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 1692118
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 10.9 8.8 13.2

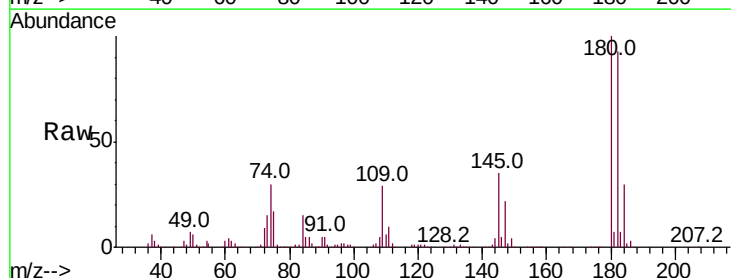


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 157.826 ug/l
RT: 14.02 min Scan# 2154
Delta R.T. 0.01 min
Lab File: VX012599.D
Acq: 23 Sep 2019 12:05

Tgt Ion:180 Resp: 452541
Ion Ratio Lower Upper
180 100
182 95.4 47.1 141.3
145 35.9 18.0 54.0



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

