

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100719\
 Data File : VX012834.D
 Acq On : 07 Oct 2019 13:39
 Operator : JC/SP
 Sample : K5213-07ME
 Misc : 5.01g/10mL/100uL/10mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S-4(0-5)ME

Quant Time: Oct 08 11:11:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	163247	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	274273	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	235791	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	104457	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	103750	43.64	ug/l	0.00
Spiked Amount			Recovery	=	87.28%	
35) Dibromofluoromethane	5.49	113	80466	49.26	ug/l	0.00
Spiked Amount			Recovery	=	98.52%	
50) Toluene-d8	8.71	98	322160	51.21	ug/l	0.00
Spiked Amount			Recovery	=	102.42%	
62) 4-Bromofluorobenzene	11.14	95	114744	46.39	ug/l	0.00
Spiked Amount			Recovery	=	92.78%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.41	62	1487	0.709	ug/l	92
5) Bromomethane	1.63	94	868	1.053	ug/l	99
6) Chloroethane	1.73	64	518	0.367	ug/l #	45
10) Methyl Iodide	2.48	142	1158	5.505	ug/l #	96
11) Tert butyl alcohol	3.01	59	5441	9.162	ug/l #	73
13) Acrolein	2.28	56	114	10.563	ug/l #	15
15) Acrylonitrile	3.16	53	249	0.207	ug/l #	52
17) Carbon Disulfide	2.52	76	2518	0.512	ug/l #	80
18) Methyl Acetate	2.78	43	2141	0.722	ug/l	94
20) Methylene Chloride	2.83	84	964	0.453	ug/l	89
21) trans-1,2-Dichloroethene	3.15	96	923	0.475	ug/l #	72
27) cis-1,2-Dichloroethene	4.58	96	22636	10.033	ug/l	83
29) Tetrahydrofuran	5.18	42	1029	0.935	ug/l	94
36) 1,1-Dichloropropene	5.64	75	13272	5.020	ug/l #	52
38) Carbon Tetrachloride	5.65	117	17590	6.550	ug/l #	17
39) Methylcyclohexane	7.45	83	971	0.305	ug/l	87
43) Isopropyl Acetate	6.46	43	1119	0.216	ug/l #	62
44) Trichloroethene	7.20	130	3281	1.650	ug/l	80
52) Toluene	8.79	92	1407	0.288	ug/l	100
55) 1,1,2-Trichloroethane	9.16	97	1199	0.617	ug/l #	25
59) 2-Hexanone	9.44	43	3002	1.229	ug/l #	33
60) Dibromochloromethane	9.33	129	10573	5.374	ug/l #	11
64) Tetrachloroethene	9.33	164	10369	6.307	ug/l	89
68) m/p-Xylenes	10.36	106	1482	0.439	ug/l #	66
74) N-amyl acetate	10.90	43	10112	2.491	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.28	83	10013	3.554	ug/l #	36
76) 1,2,3-Trichloropropane	11.14	75	57865	20.942	ug/l #	38
78) n-propylbenzene	11.36	91	2465	0.257	ug/l	93
79) 2-Chlorotoluene	11.51	91	1557	0.261	ug/l	95
80) 1,3,5-Trimethylbenzene	11.50	105	1466	0.205	ug/l	83
81) trans-1,4-Dichloro-2-buten	11.14	75	57865	60.014	ug/l #	8
82) 4-Chlorotoluene	11.51	91	1557	0.229	ug/l	87
84) 1,2,4-Trimethylbenzene	11.81	105	3168	0.440	ug/l	89
85) sec-Butylbenzene	11.95	105	12500	1.562	ug/l	94

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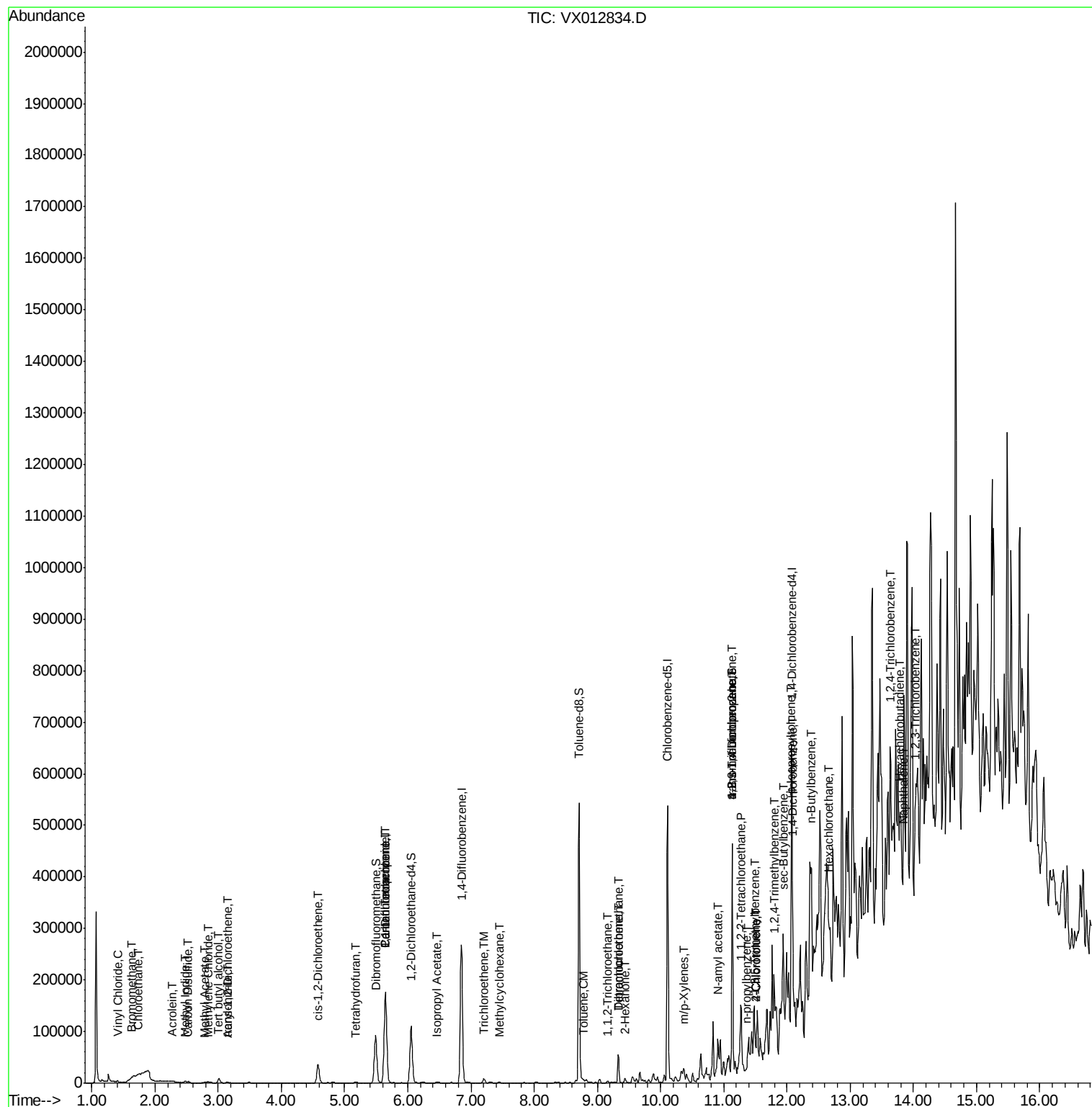
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) p-Isopropyltoluene	12.06	119	1503	0.208	ug/l #	28
88) 1,4-Dichlorobenzene	12.09	146	761	0.217	ug/l #	1
89) n-Butylbenzene	12.38	91	13730	2.157	ug/l	77
90) Hexachloroethane	12.67	117	6012	4.669	ug/l #	17
93) 1,2,4-Trichlorobenzene	13.64	180	1066	0.504	ug/l #	1
94) Hexachlorobutadiene	13.77	225	206	0.226	ug/l #	75
95) Naphthalene	13.83	128	16636	2.173	ug/l #	77
96) 1,2,3-Trichlorobenzene	14.02	180	4441	2.095	ug/l #	1

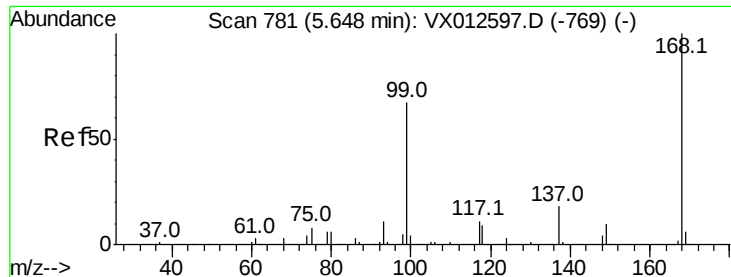
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX012834.D

Acq: 07 Oct 2019 13:39

Instrument :

MSVOA_X

ClientSampleId :

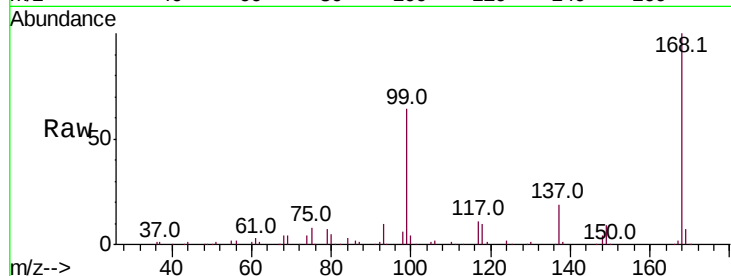
S-4(0-5)ME

Tot Ion:168 Resp: 163247

Ion Ratio Lower Upper

168 100

99 63.6 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

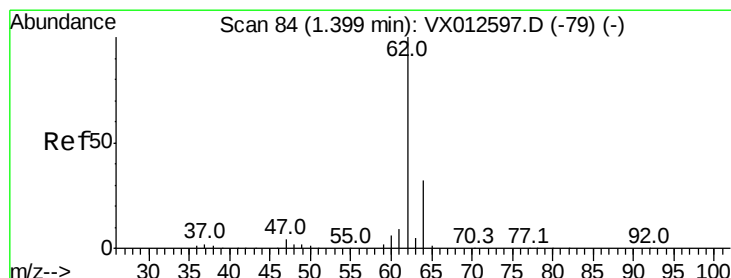
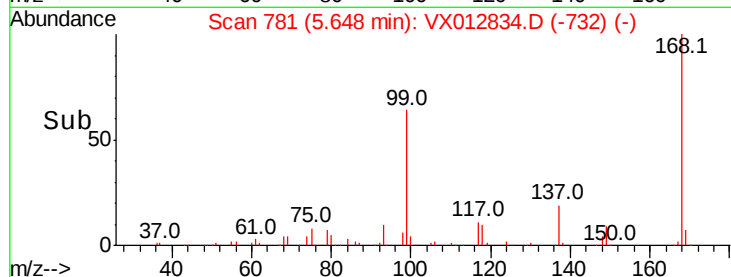
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 0.709 ug/l

RT: 1.41 min Scan# 85

Delta R.T. 0.01 min

Lab File: VX012834.D

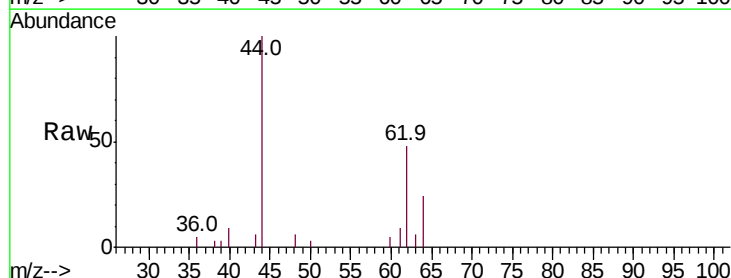
Acq: 07 Oct 2019 13:39

Tgt Ion: 62 Resp: 1487

Ion Ratio Lower Upper

62 100

64 26.0 24.2 36.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1200

1000

800

600

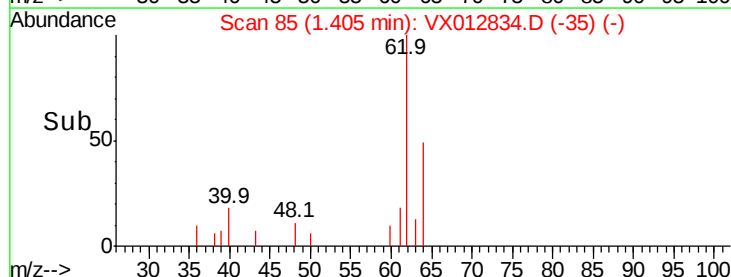
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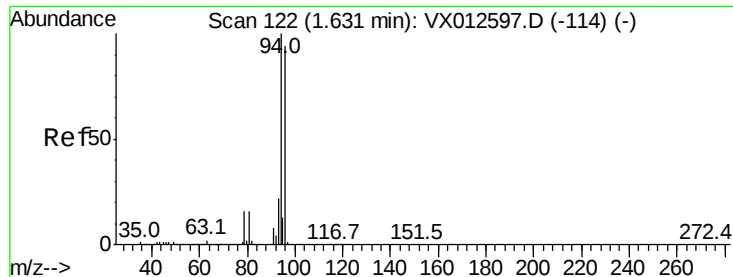
200

0

Time-->

1.35 1.40 1.45





#5

Bromomethane

Concen: 1.053 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX012834.D

Acq: 07 Oct 2019 13:39

Instrument :

MSVOA_X

ClientSampleId :

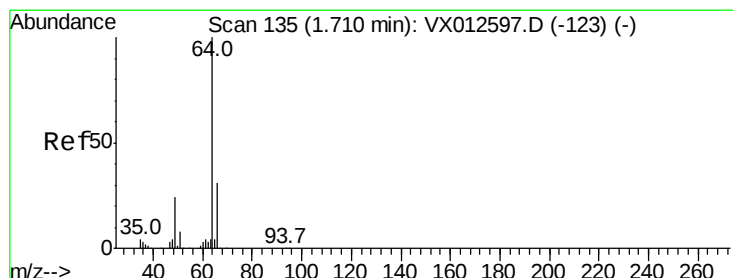
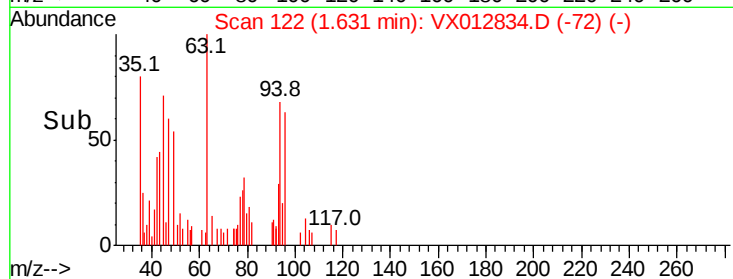
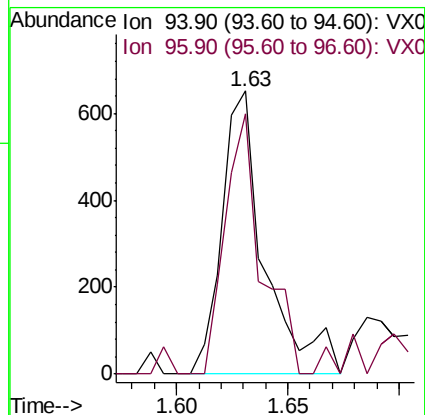
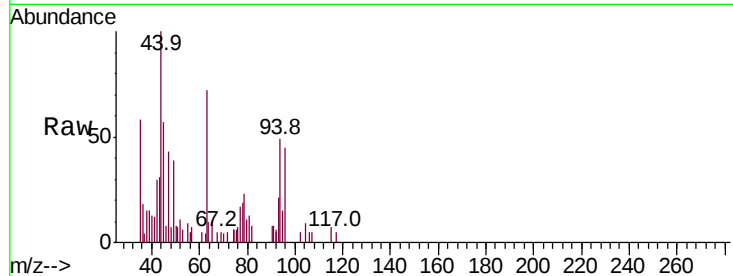
S-4(0-5)ME

Tot Ion: 94 Resp: 868

Ion Ratio Lower Upper

94 100

96 91.9 72.8 109.2



#6

Chloroethane

Concen: 0.367 ug/l

RT: 1.73 min Scan# 138

Delta R.T. 0.02 min

Lab File: VX012834.D

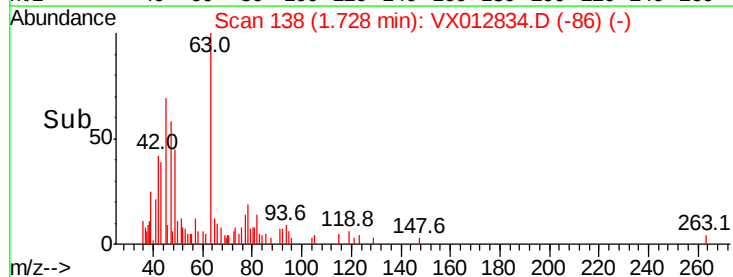
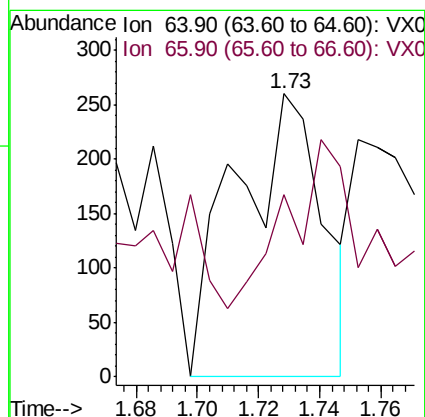
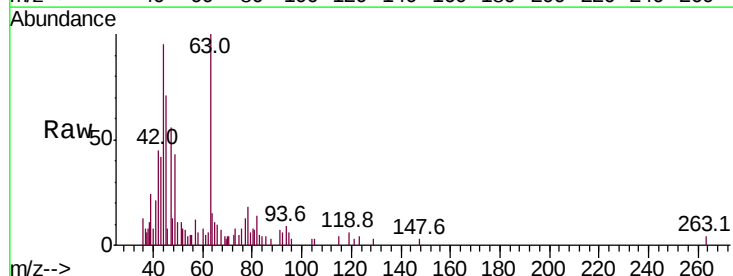
Acq: 07 Oct 2019 13:39

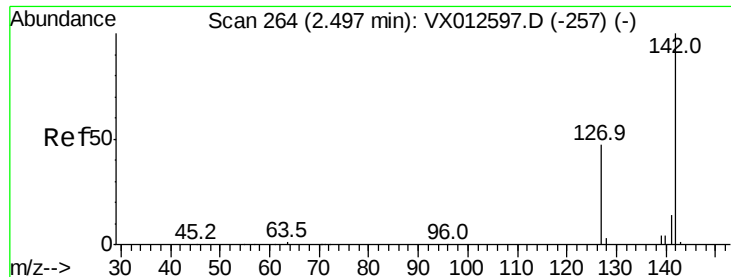
Tgt Ion: 64 Resp: 518

Ion Ratio Lower Upper

64 100

66 0.0 24.0 36.0#

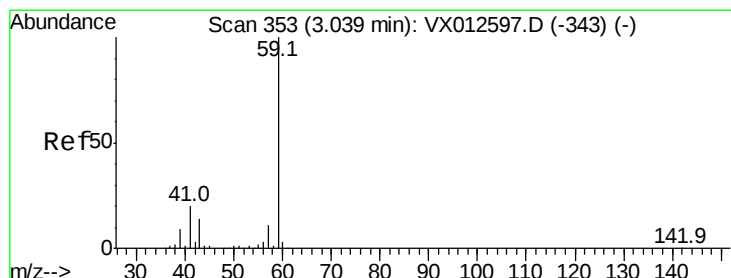
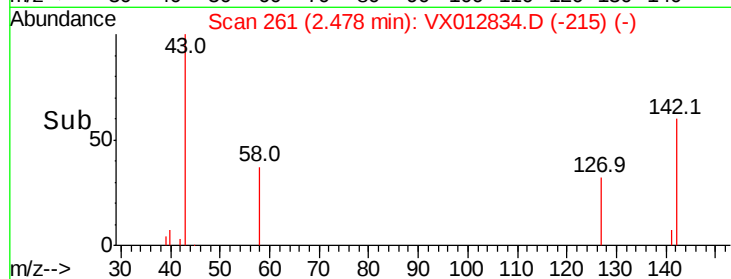
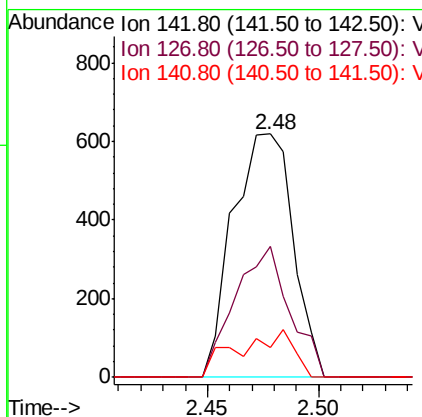
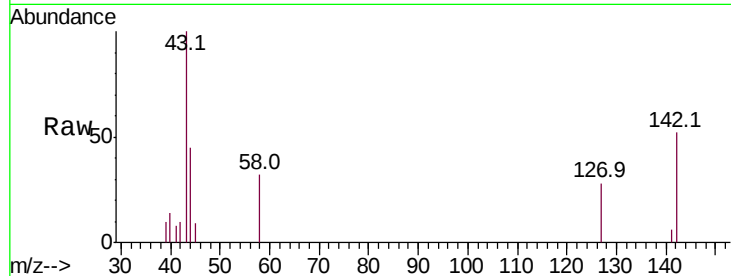




#10
Methvl Iodide
Concen: 5.505 ug/l
RT: 2.48 min Scan# 261
Delta R.T. -0.02 min
Lab File: VX012834.D
Acq: 07 Oct 2019 13:39

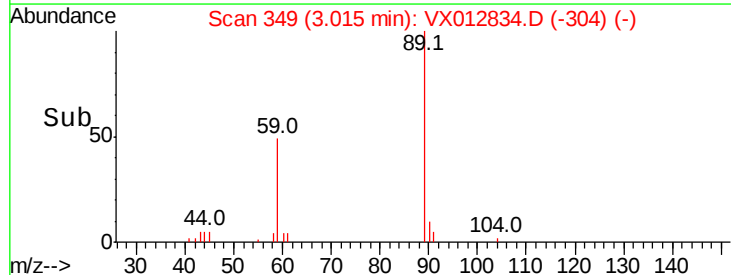
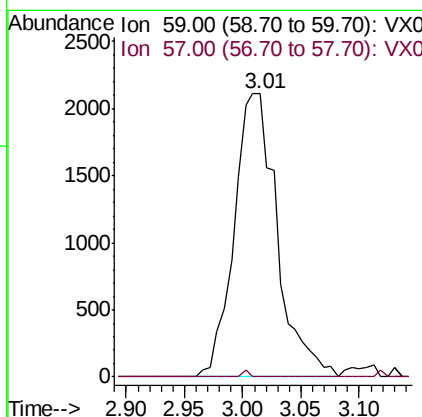
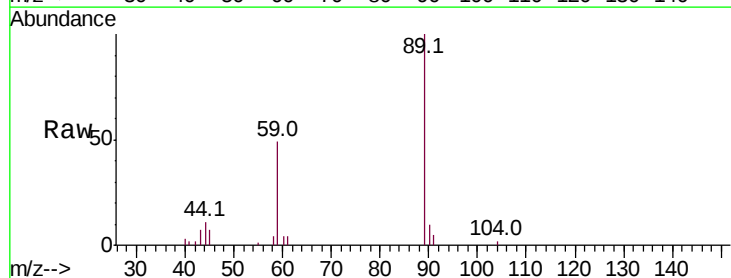
Instrument :
MSVOA_X
ClientSampleId :
S-4(0-5)ME

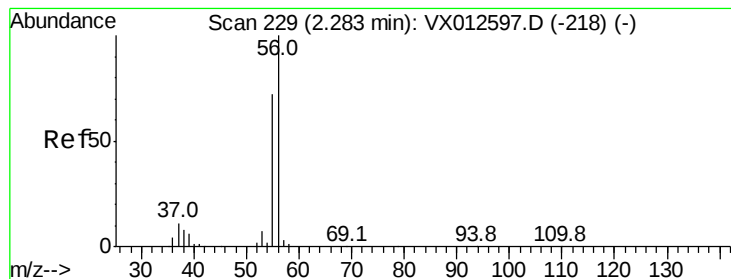
Tot Ion:142 Resp: 1158
Ion Ratio Lower Upper
142 100
127 49.1 40.8 61.2
141 11.1 12.1 18.1#



#11
Tert butyl alcohol
Concen: 9.162 ug/l
RT: 3.01 min Scan# 349
Delta R.T. -0.02 min
Lab File: VX012834.D
Acq: 07 Oct 2019 13:39

Tgt Ion: 59 Resp: 5441
Ion Ratio Lower Upper
59 100
57 0.3 8.3 12.5#





#13

Acrolein

Concen: 10.563 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX012834.D

Acq: 07 Oct 2019 13:39

Instrument :

MSVOA_X

ClientSampled :

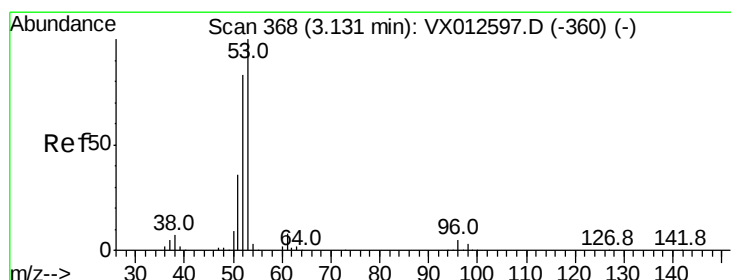
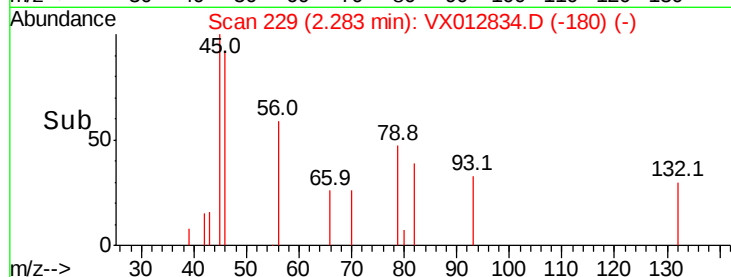
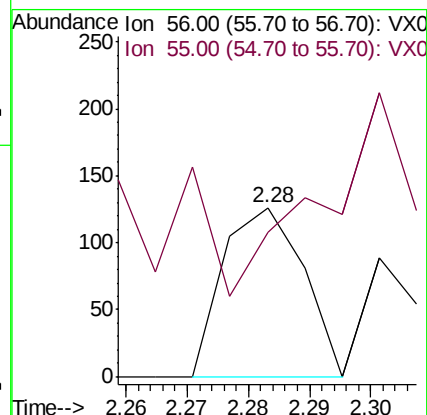
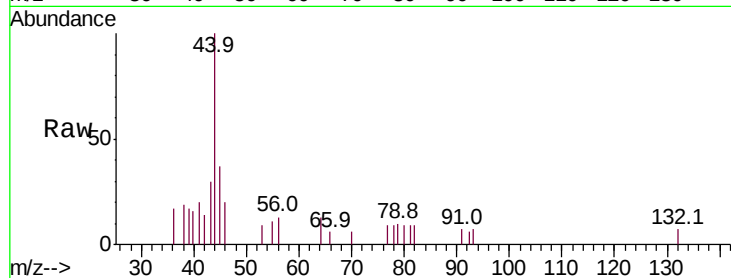
S-4(0-5)ME

Tot Ion: 56 Resp: 114

Ion Ratio Lower Upper

56 100

55 0.0 55.8 83.8#



#15

Acrylonitrile

Concen: 0.207 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.03 min

Lab File: VX012834.D

Acq: 07 Oct 2019 13:39

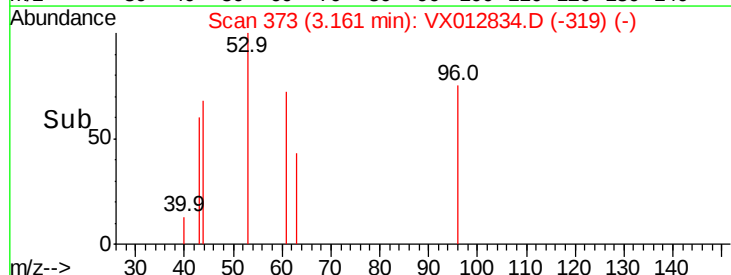
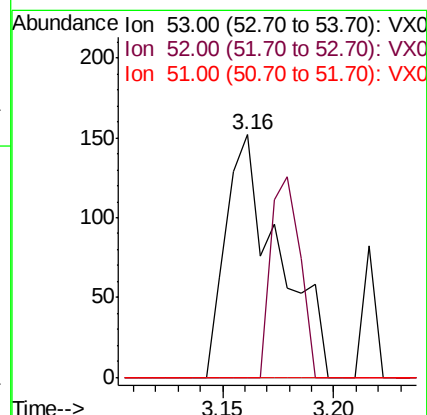
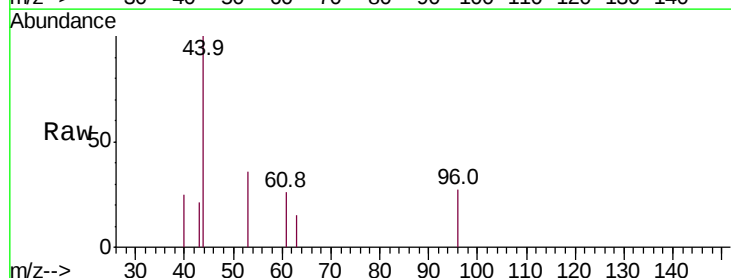
Tgt Ion: 53 Resp: 249

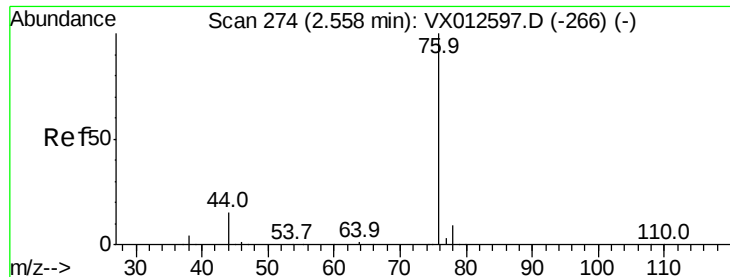
Ion Ratio Lower Upper

53 100

52 45.8 67.0 100.4#

51 0.0 29.6 44.4#





#17

Carbon Disulfide

Concen: 0.512 ug/l

RT: 2.52 min Scan# 268

Delta R.T. -0.04 min

Lab File: VX012834.D

Acq: 07 Oct 2019 13:39

Instrument :

MSVOA_X

ClientSampleId :

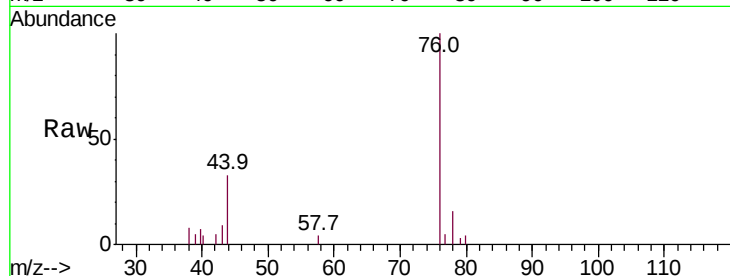
S-4(0-5)ME

Tot Ion: 76 Resp: 2518

Ion Ratio Lower Upper

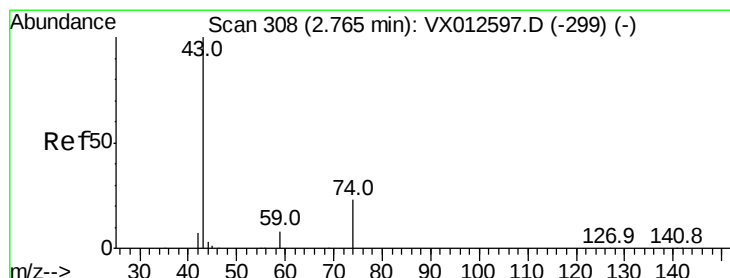
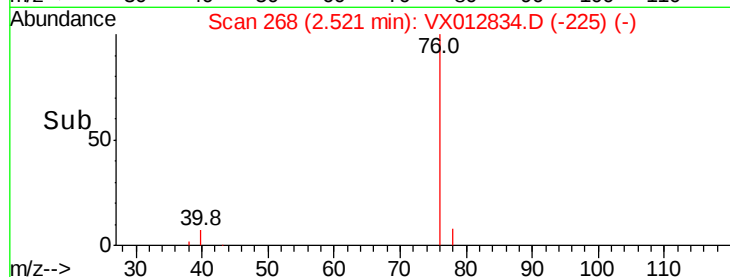
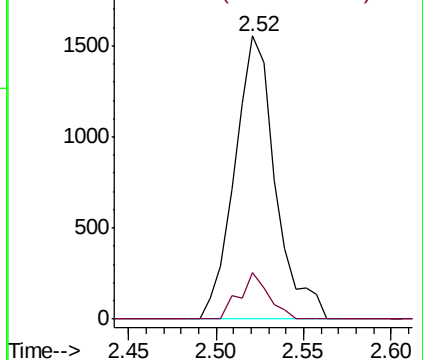
76 100

78 16.4 7.3 10.9#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 0.722 ug/l

RT: 2.78 min Scan# 311

Delta R.T. 0.02 min

Lab File: VX012834.D

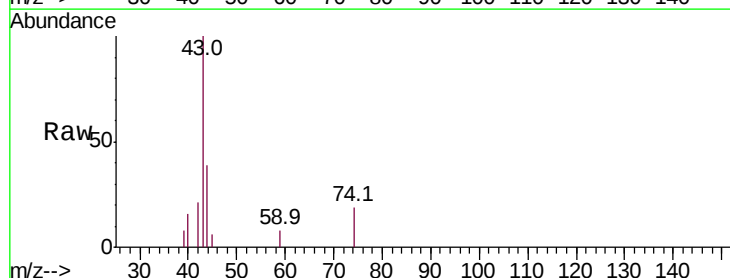
Acq: 07 Oct 2019 13:39

Tgt Ion: 43 Resp: 2141

Ion Ratio Lower Upper

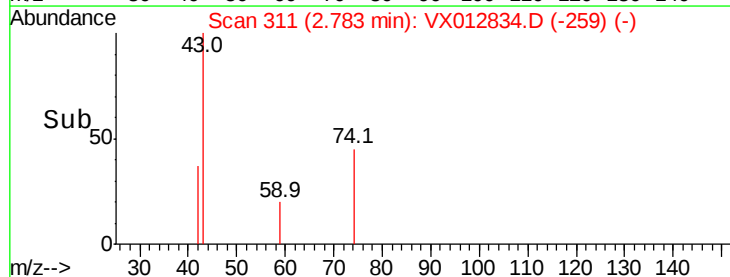
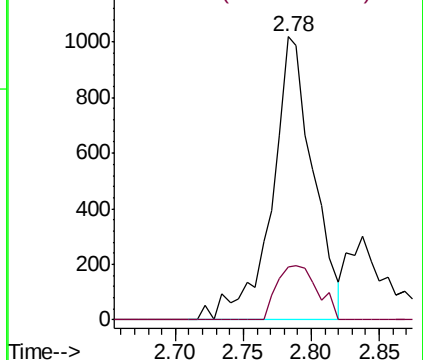
43 100

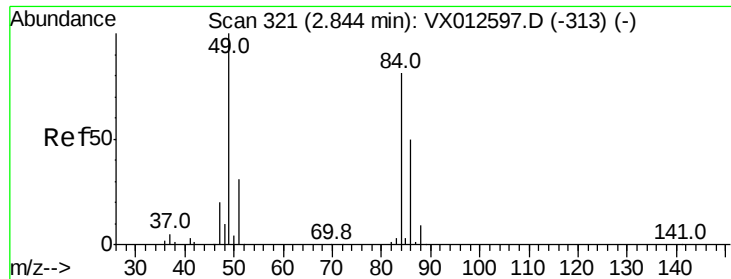
74 19.1 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

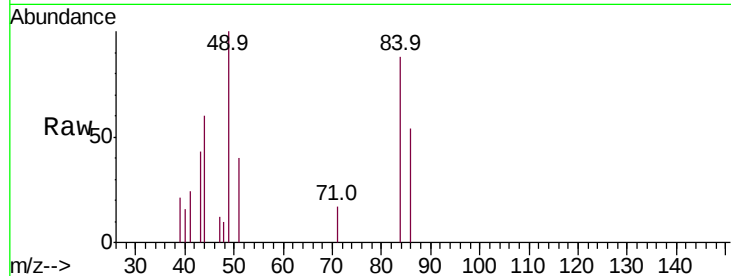




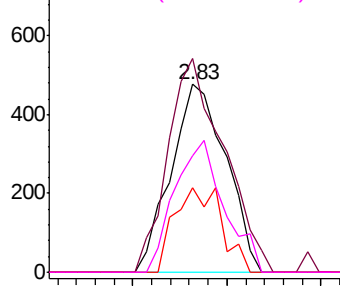
#20
Methvlene Chloride
Concen: 0.453 ug/l
RT: 2.83 min Scan# 319
Delta R.T. -0.01 min
Lab File: VX012834.D
Acq: 07 Oct 2019 13:39

Instrument :
MSVOA_X
ClientSampleId :
S-4(0-5)ME

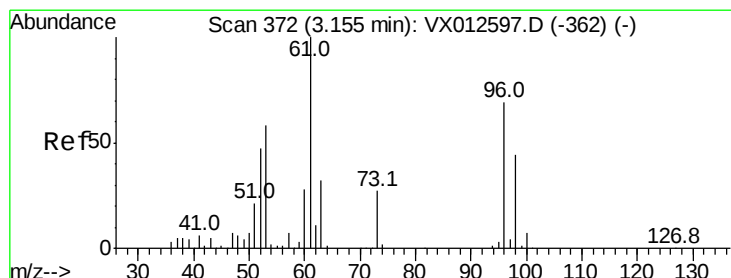
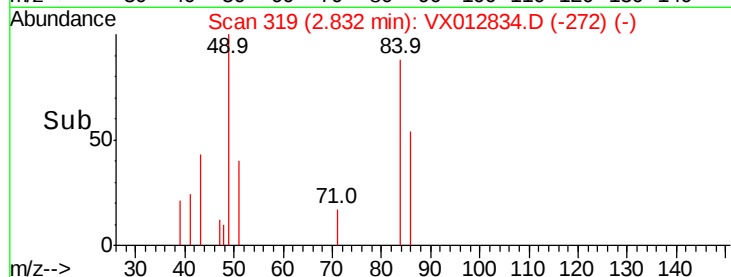
Tot Ion: 84 Resp: 964
Ion Ratio Lower Upper
84 100
49 113.9 106.8 160.2
51 45.4 32.3 48.5
86 62.0 51.3 76.9



Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

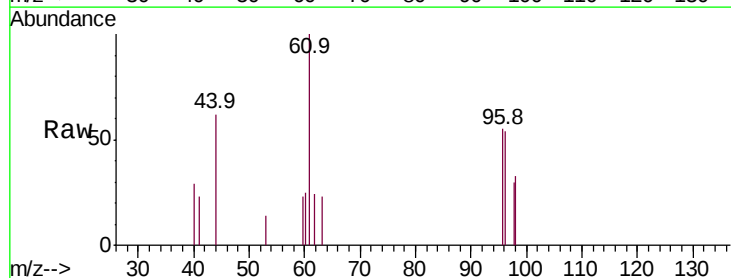


Time-->

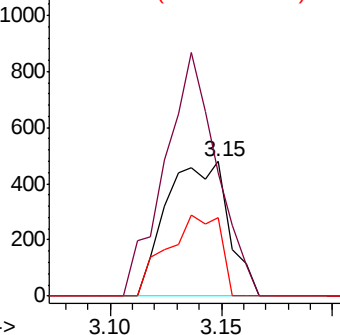


#21
trans-1,2-Dichloroethene
Concen: 0.475 ug/l
RT: 3.15 min Scan# 371
Delta R.T. -0.00 min
Lab File: VX012834.D
Acq: 07 Oct 2019 13:39

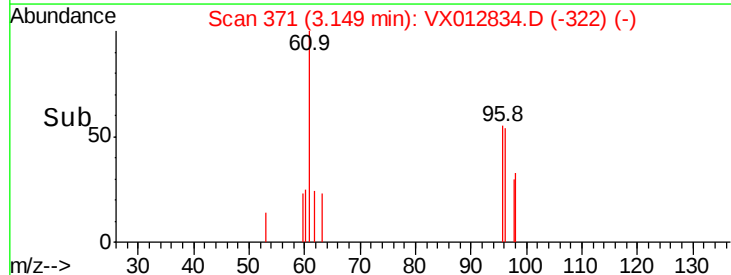
Tgt Ion: 96 Resp: 923
Ion Ratio Lower Upper
96 100
61 92.1 112.0 168.0#
98 58.0 47.8 71.8

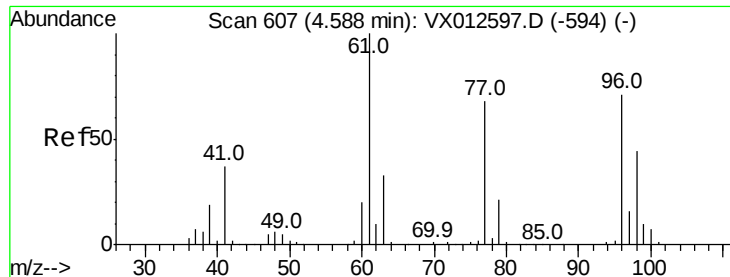


Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



Time-->



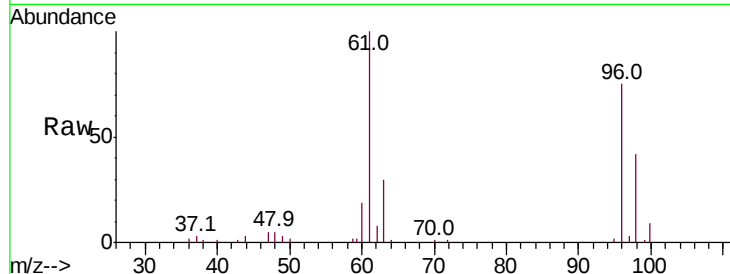


#27

cis-1,2-Dichloroethene
 Concen: 10.033 ug/l
 RT: 4.58 min Scan# 605
 Delta R.T. -0.01 min
 Lab File: VX012834.D
 Acq: 07 Oct 2019 13:39

Instrument :
 MSVOA_X
 ClientSampleId :
 S-4(0-5)ME

Tot Ion	Ratio	Lower	Upper
96	100		
61	130.3	0.0	319.4
98	61.2	0.0	130.6

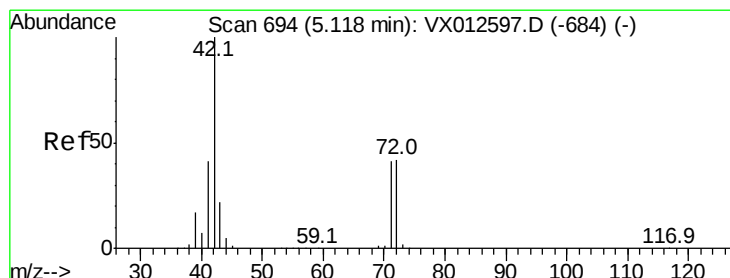
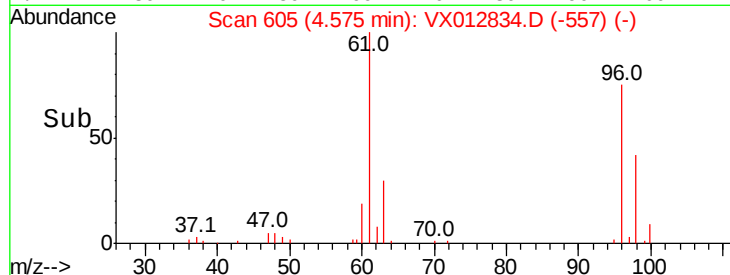
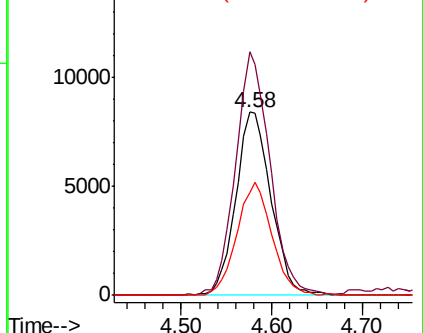


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

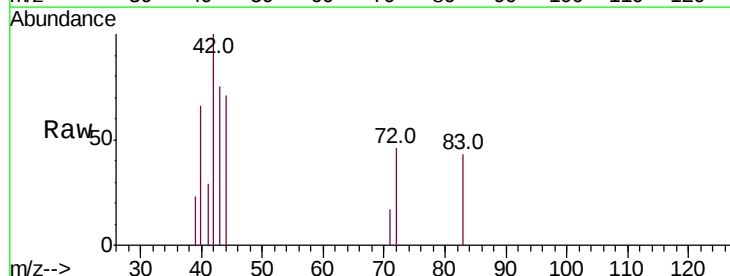
Ion 97.90 (97.60 to 98.60): VX0



#29

Tetrahydrofuran
 Concen: 0.935 ug/l
 RT: 5.18 min Scan# 704
 Delta R.T. 0.07 min
 Lab File: VX012834.D
 Acq: 07 Oct 2019 13:39

Tgt Ion	Ratio	Lower	Upper
42	100		
72	39.6	34.0	51.0
71	34.2	31.5	47.3

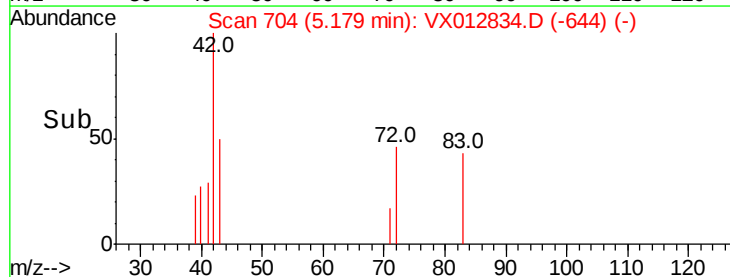
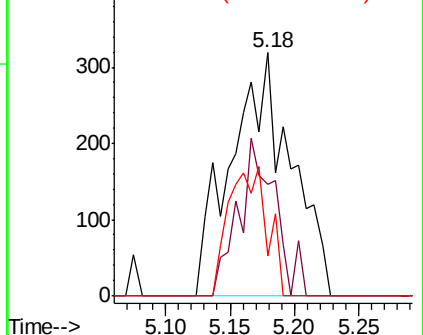


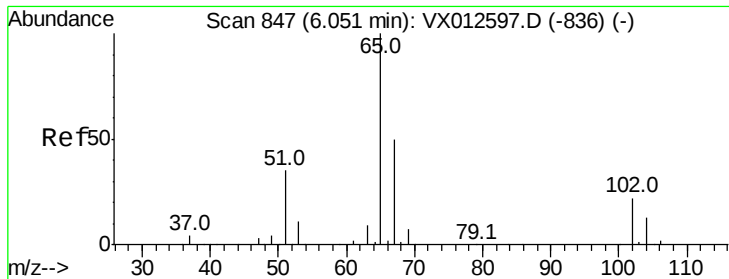
Abundance

Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 43.644 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX012834.D

Acq: 07 Oct 2019 13:39

Instrument :

MSVOA_X

ClientSampleId :

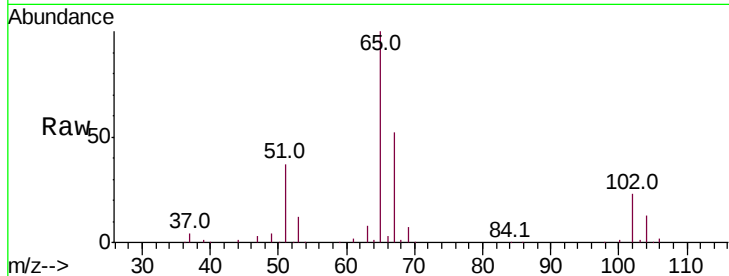
S-4(0-5)ME

Tot Ion: 65 Resp: 103750

Ion Ratio Lower Upper

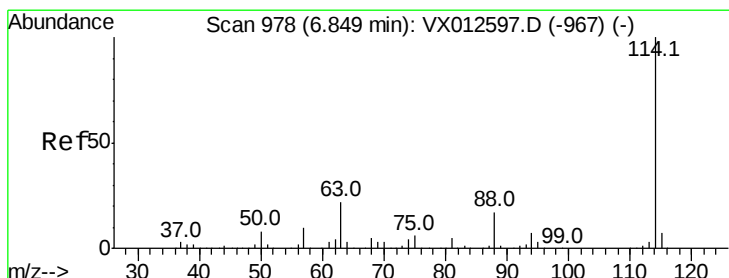
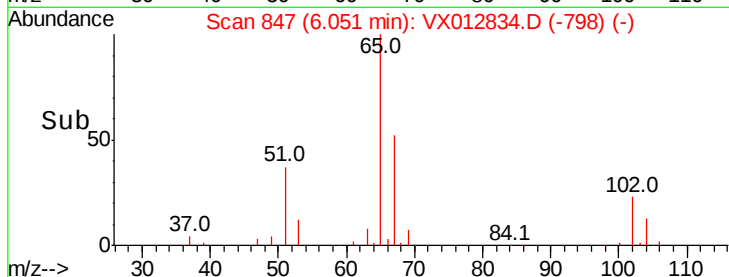
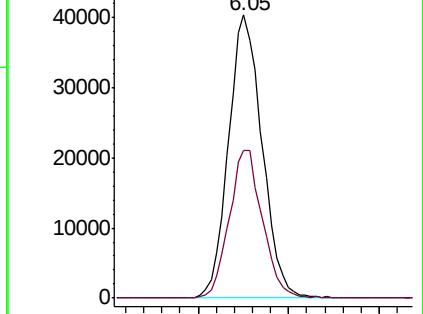
65 100

67 51.6 0.0 101.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX012834.D

Acq: 07 Oct 2019 13:39

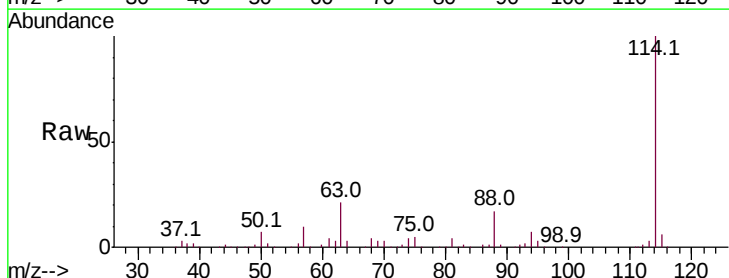
Tgt Ion: 114 Resp: 274273

Ion Ratio Lower Upper

114 100

63 20.8 0.0 43.2

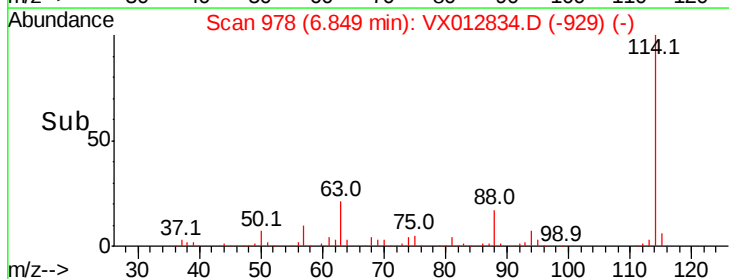
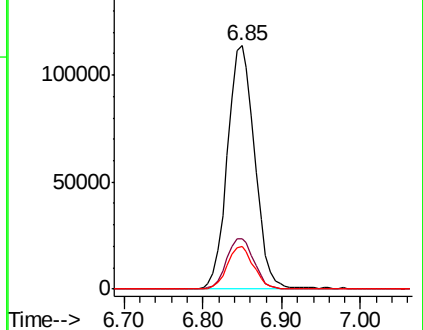
88 17.5 0.0 33.2

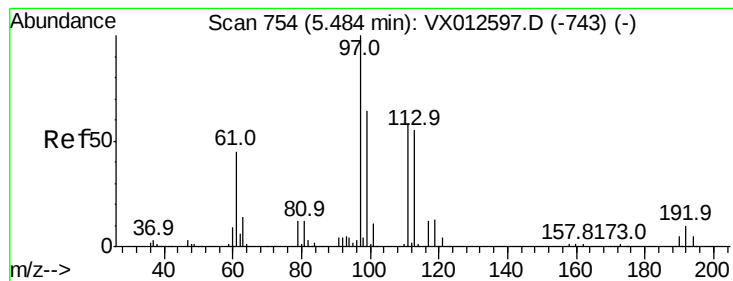


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.262 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX012834.D

Acq: 07 Oct 2019 13:39

Instrument :

MSVOA_X

ClientSampleId :

S-4(0-5)ME

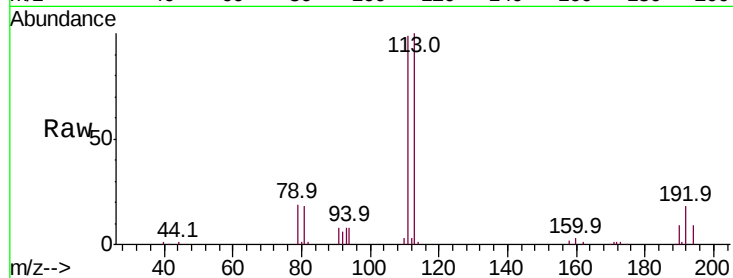
Tot Ion:113 Resp: 80466

Ion Ratio Lower Upper

113 100

111 102.1 83.4 125.2

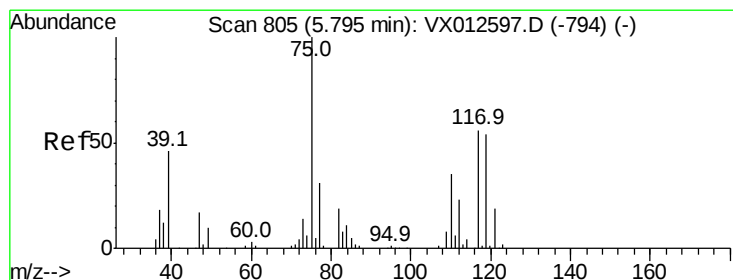
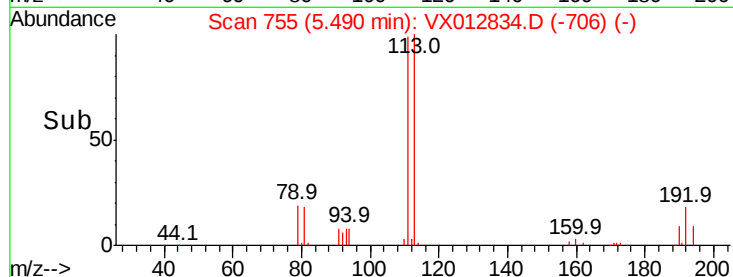
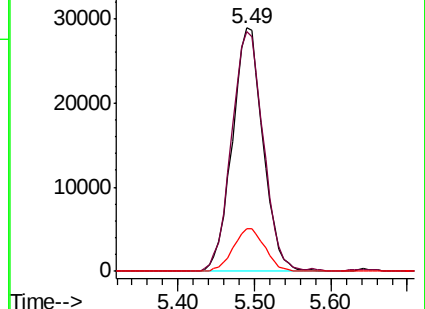
192 18.1 14.4 21.6



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: 5.020 ug/l

RT: 5.64 min Scan# 780

Delta R.T. -0.15 min

Lab File: VX012834.D

Acq: 07 Oct 2019 13:39

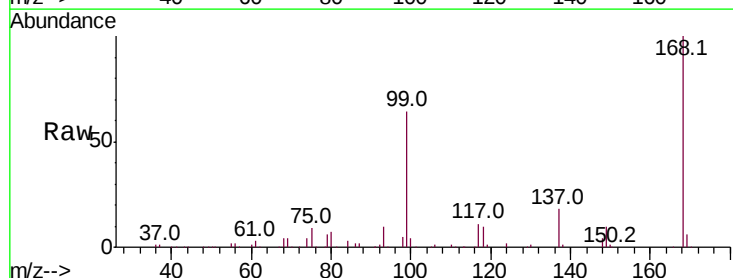
Tgt Ion: 75 Resp: 13272

Ion Ratio Lower Upper

75 100

110 10.0 16.7 50.0#

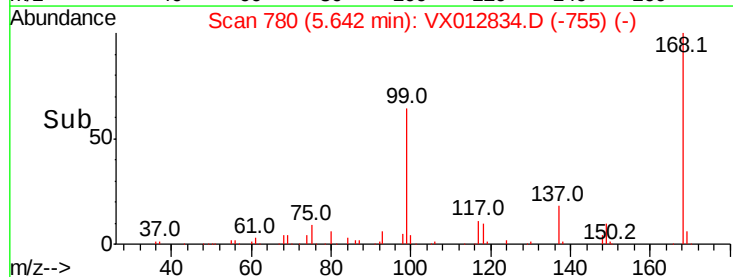
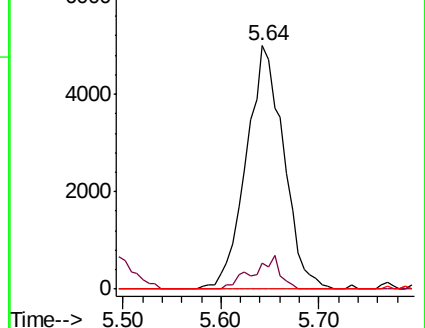
77 0.0 24.2 36.2#

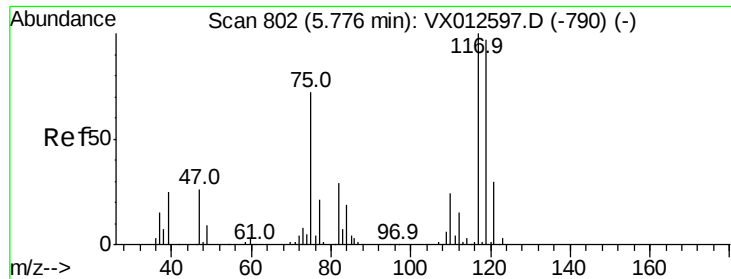


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

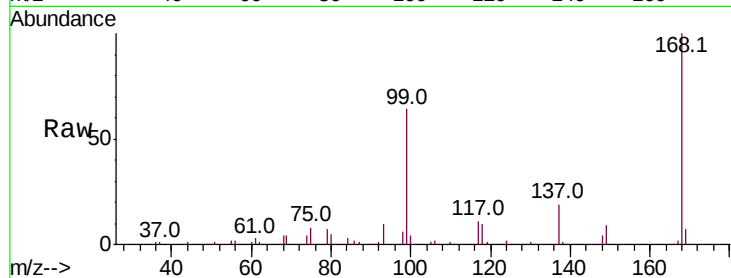




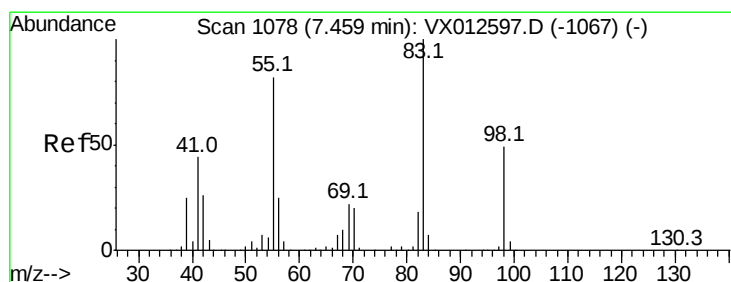
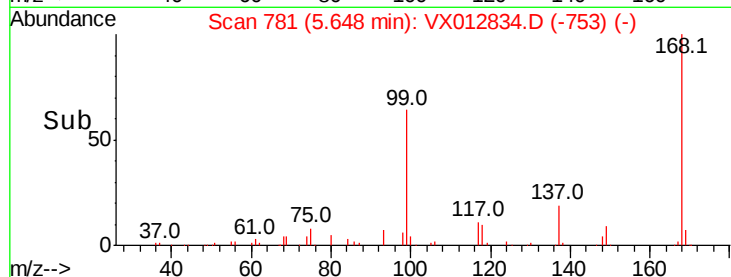
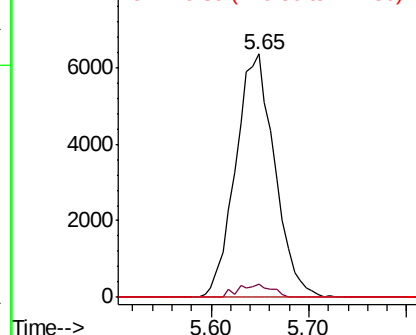
#38
Carbon Tetrachloride
Concen: 6.550 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.13 min
Lab File: VX012834.D
Acq: 07 Oct 2019 13:39

Instrument :
MSVOA_X
ClientSampleId :
S-4(0-5)ME

Tot Ion:117 Resp: 17590
Ion Ratio Lower Upper
117 100
119 5.4 75.7 113.5#
121 0.0 24.2 36.4#

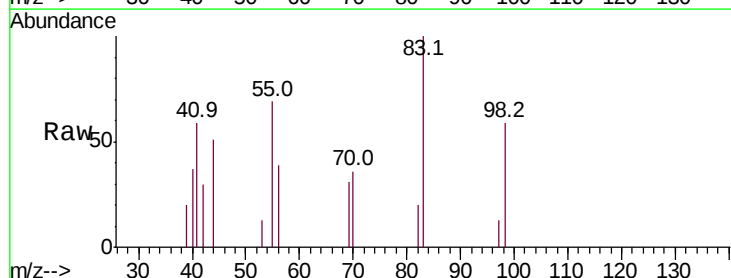


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

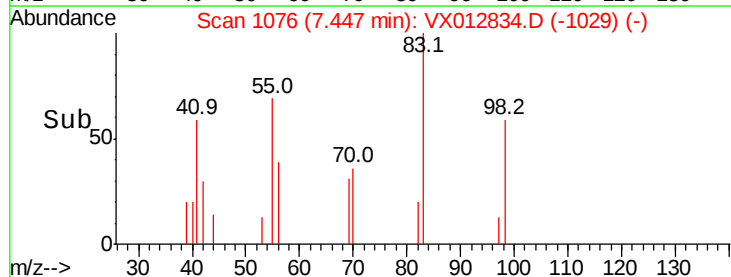
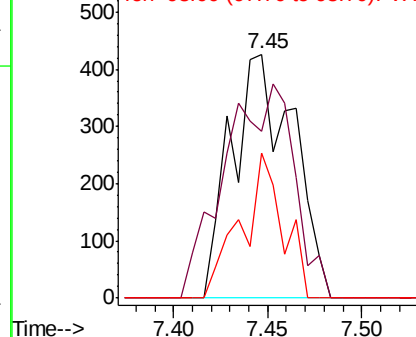


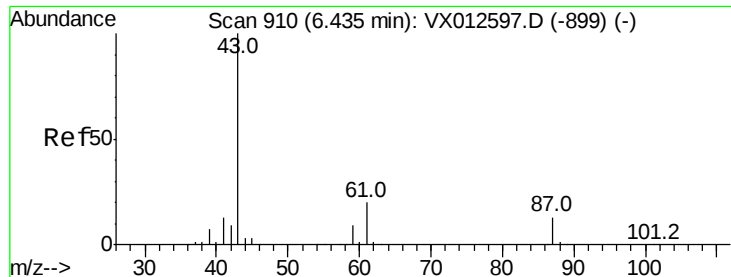
#39
Methylcyclohexane
Concen: 0.305 ug/l
RT: 7.45 min Scan# 1076
Delta R.T. -0.01 min
Lab File: VX012834.D
Acq: 07 Oct 2019 13:39

Tgt Ion: 83 Resp: 971
Ion Ratio Lower Upper
83 100
55 68.5 64.4 96.6
98 59.4 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





#43

Isopropyl Acetate

Concen: 0.216 ug/l

RT: 6.46 min Scan# 914

Delta R.T. 0.02 min

Lab File: VX012834.D

Acq: 07 Oct 2019 13:39

Instrument :

MSVOA_X

ClientSampleId :

S-4(0-5)ME

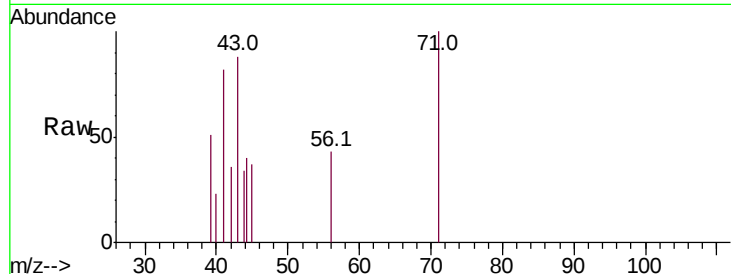
Tot Ion: 43 Resp: 1119

Ion Ratio Lower Upper

43 100

61 0.0 15.4 23.0#

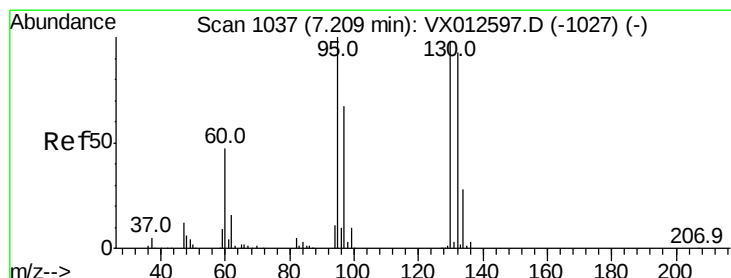
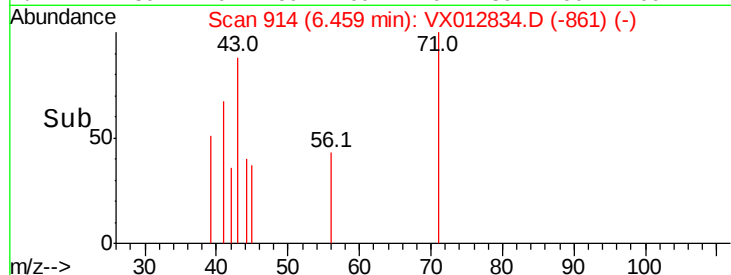
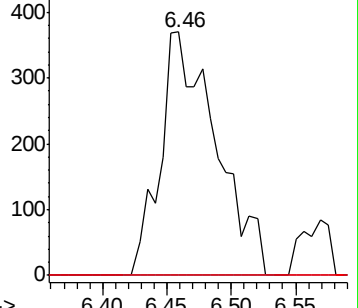
87 0.0 9.8 14.8#



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: 1.650 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.00 min

Lab File: VX012834.D

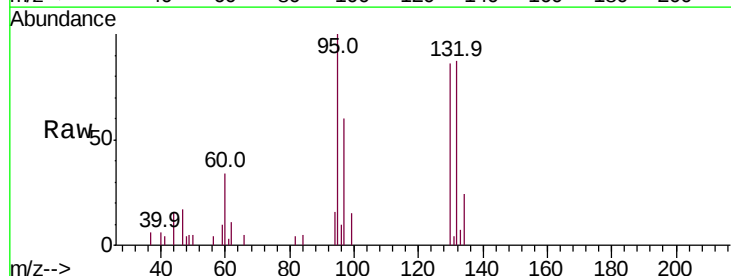
Acq: 07 Oct 2019 13:39

Tgt Ion:130 Resp: 3281

Ion Ratio Lower Upper

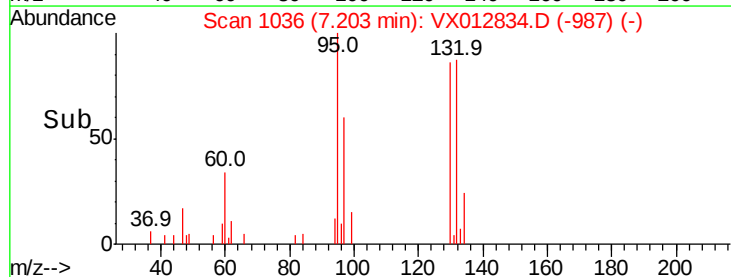
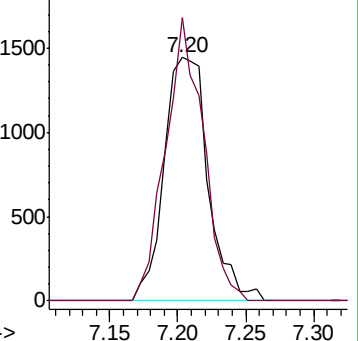
130 100

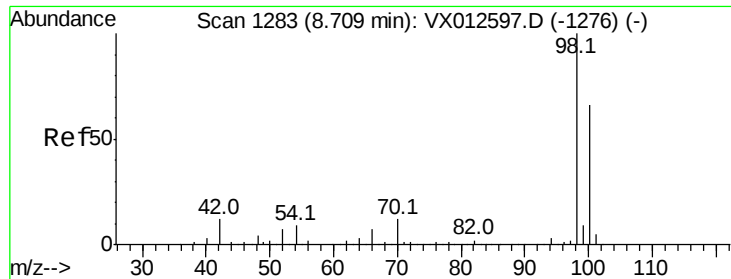
95 116.3 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 51.215 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX012834.D

Acq: 07 Oct 2019 13:39

Instrument :

MSVOA_X

ClientSampleId :

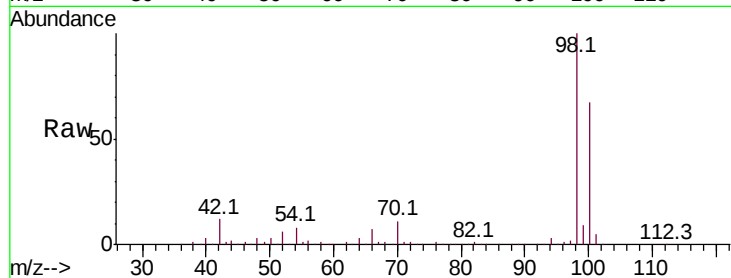
S-4(0-5)ME

Tot Ion: 98 Resp: 322160

Ion Ratio Lower Upper

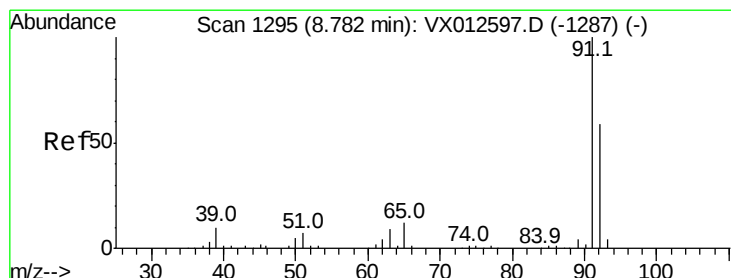
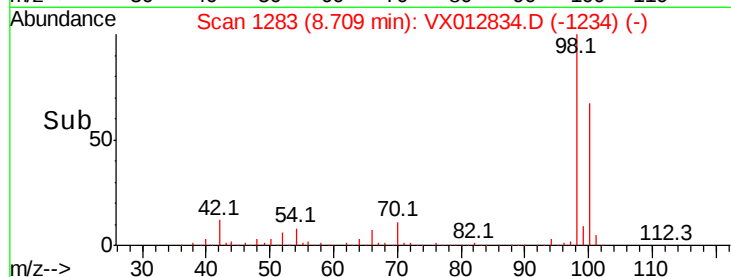
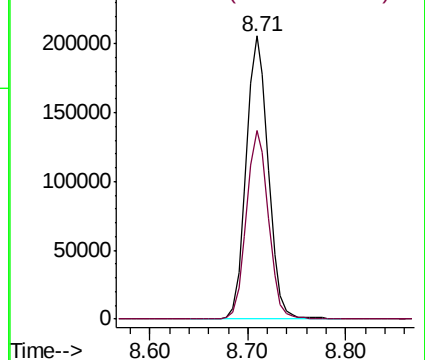
98 100

100 66.7 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#52

Toluene

Concen: 0.288 ug/l

RT: 8.79 min Scan# 1296

Delta R.T. 0.01 min

Lab File: VX012834.D

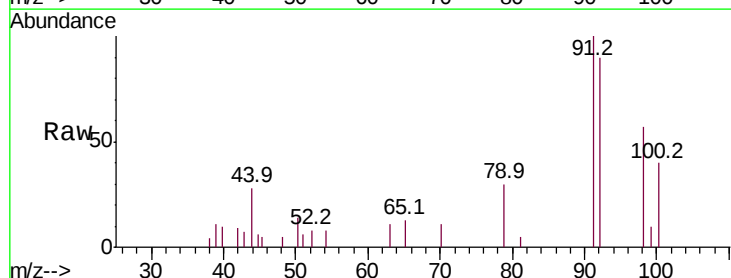
Acq: 07 Oct 2019 13:39

Tgt Ion: 92 Resp: 1407

Ion Ratio Lower Upper

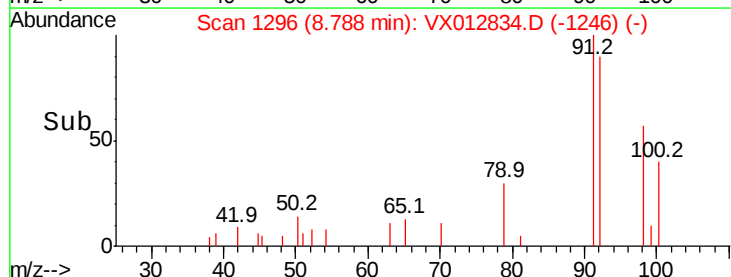
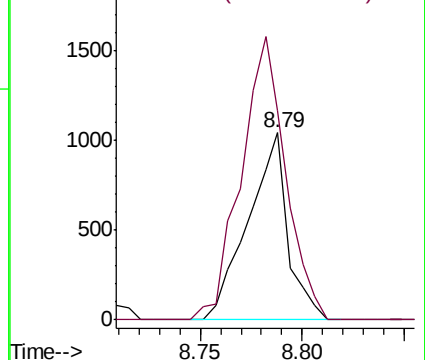
92 100

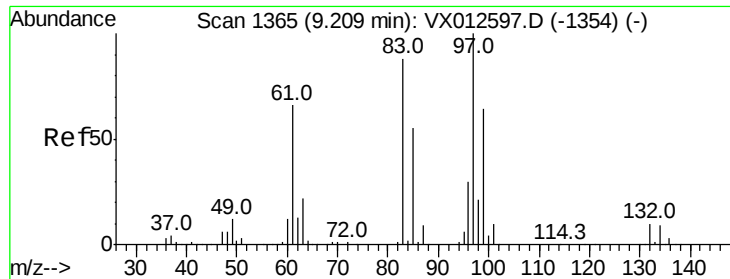
91 169.4 135.4 203.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

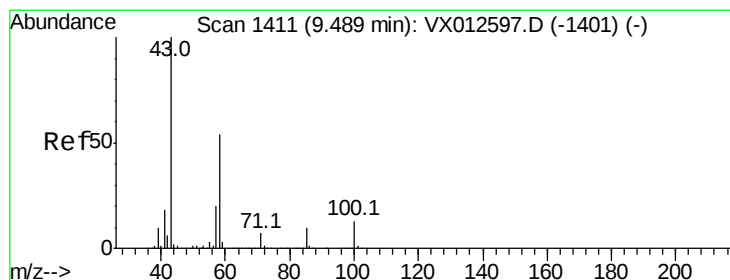
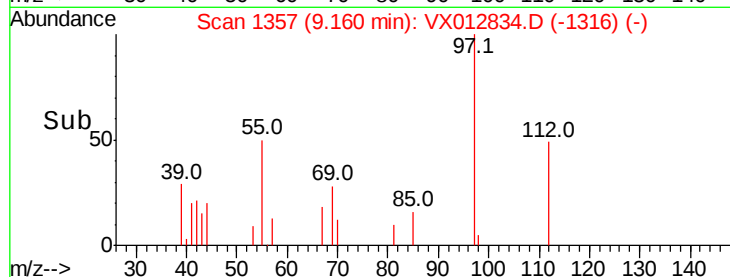
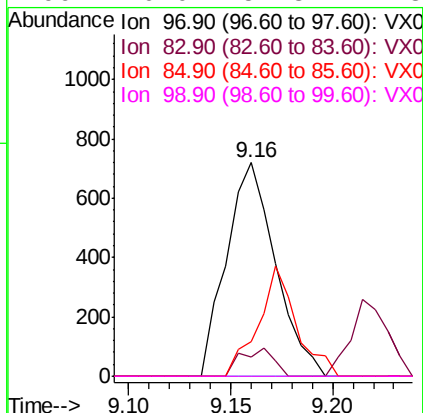
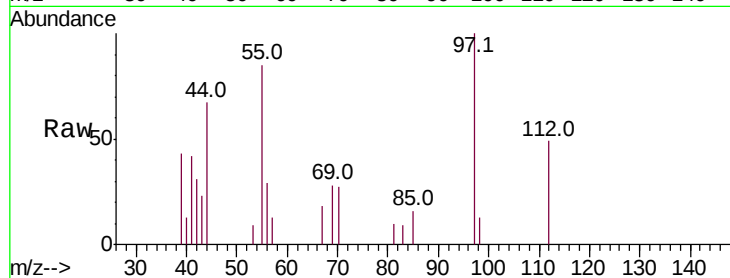




#55
 1,1,2-Trichloroethane
 Concen: 0.617 ug/l
 RT: 9.16 min Scan# 1357
 Delta R.T. -0.05 min
 Lab File: VX012834.D
 Acq: 07 Oct 2019 13:39

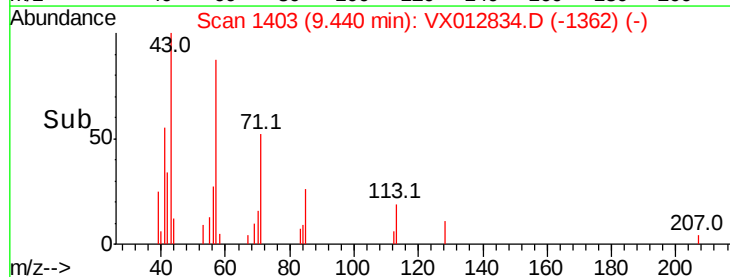
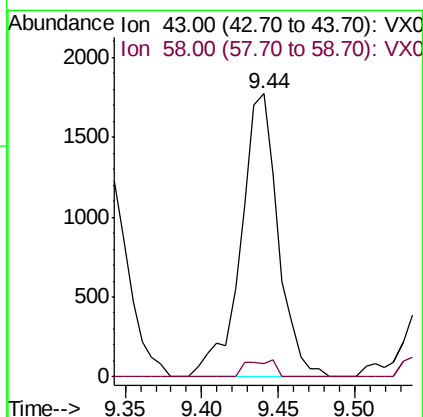
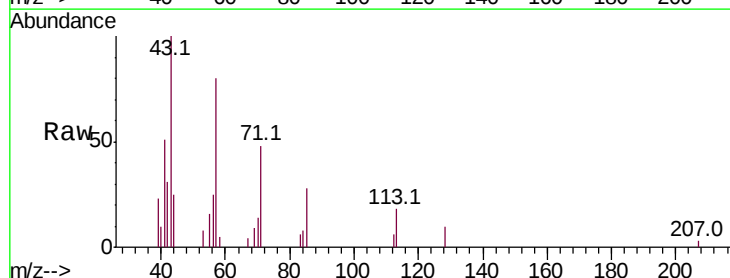
Instrument :
 MSVOA_X
 ClientSampled :
 S-4(0-5)ME

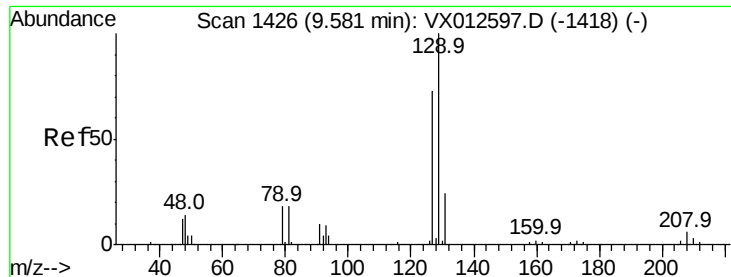
Tot Ion: 97 Resp: 1199
 Ion Ratio Lower Upper
 97 100
 83 9.2 67.4 101.2#
 85 16.1 43.5 65.3#
 99 0.0 51.8 77.8#



#59
 2-Hexanone
 Concen: 1.229 ug/l
 RT: 9.44 min Scan# 1403
 Delta R.T. -0.05 min
 Lab File: VX012834.D
 Acq: 07 Oct 2019 13:39

Tgt Ion: 43 Resp: 3002
 Ion Ratio Lower Upper
 43 100
 58 4.5 25.7 77.1#





#60

Dibromochloromethane

Concen: 5.374 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.25 min

Lab File: VX012834.D

Acq: 07 Oct 2019 13:39

Instrument :

MSVOA_X

ClientSampled :

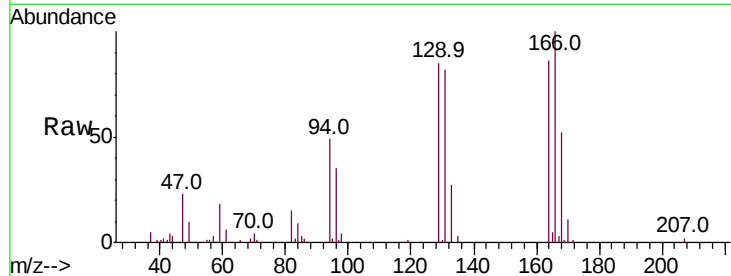
S-4(0-5)ME

Tot Ion:129 Resp: 10573

Ion Ratio Lower Upper

129 100

127 0.0 38.9 116.6#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.33

8000

6000

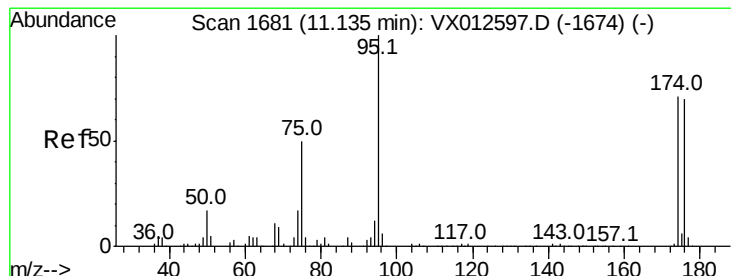
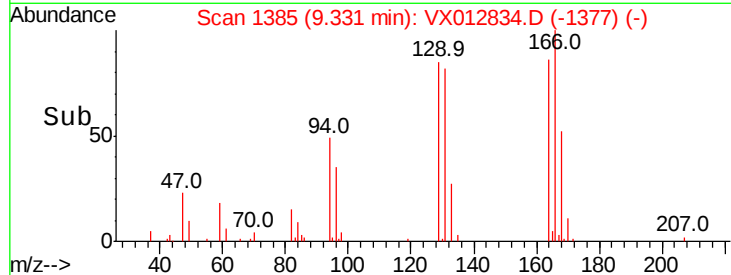
4000

2000

0

Time-->

9.30 9.35 9.40



#62

4-Bromofluorobenzene

Concen: 46.391 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012834.D

Acq: 07 Oct 2019 13:39

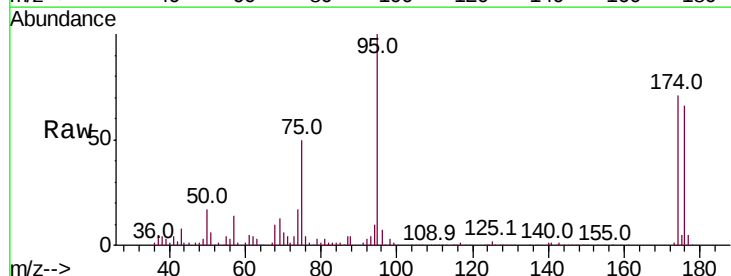
Tgt Ion: 95 Resp: 114744

Ion Ratio Lower Upper

95 100

174 71.3 0.0 140.0

176 68.5 0.0 135.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

120000

100000

80000

60000

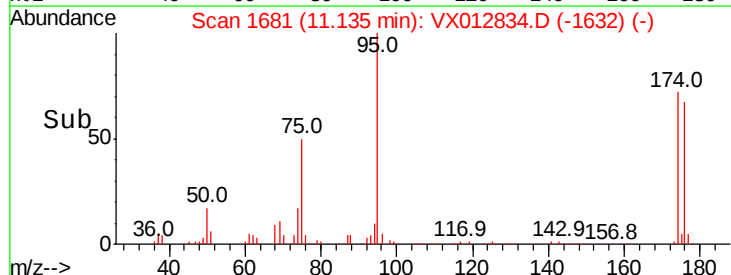
40000

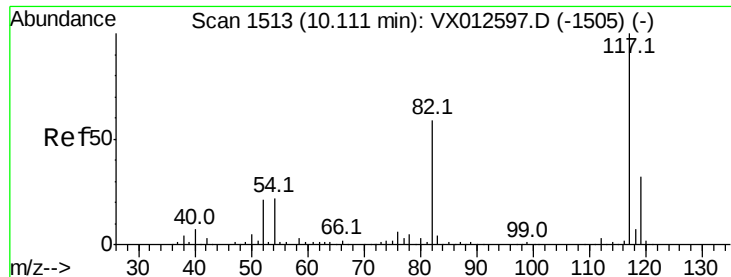
20000

0

Time-->

11.10 11.15

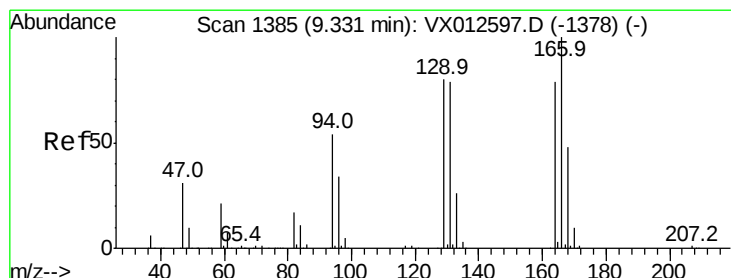
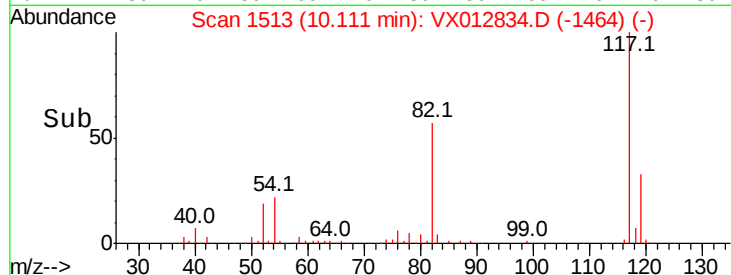
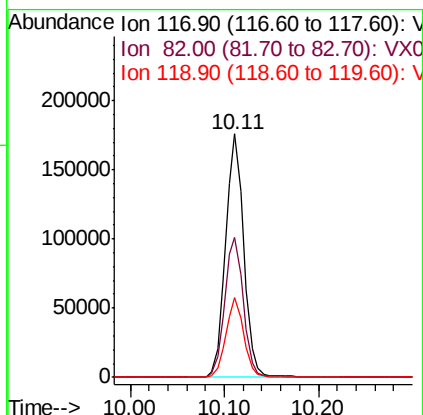
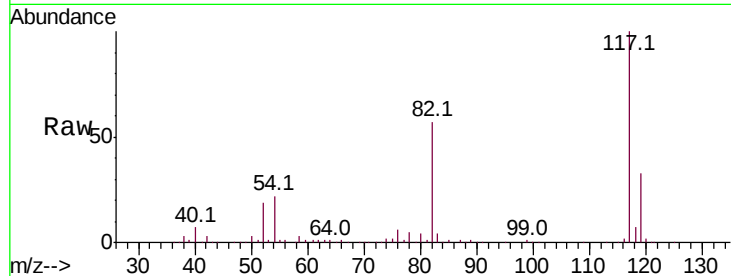




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012834.D
Acq: 07 Oct 2019 13:39

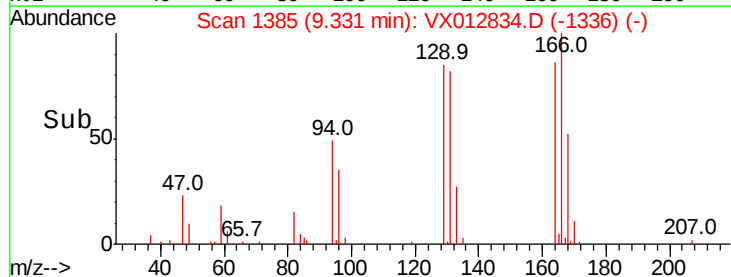
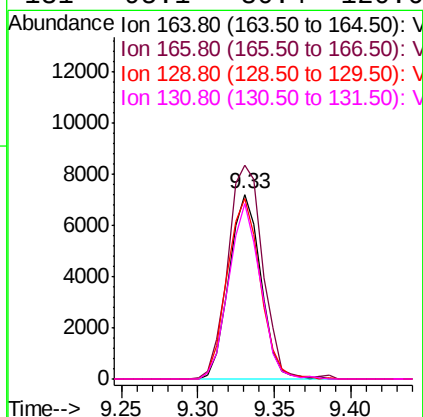
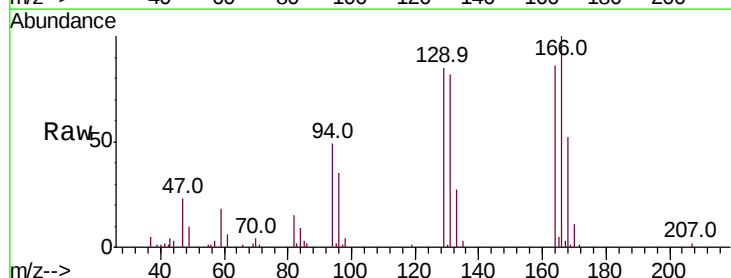
Instrument :
MSVOA_X
ClientSampleId :
S-4(0-5)ME

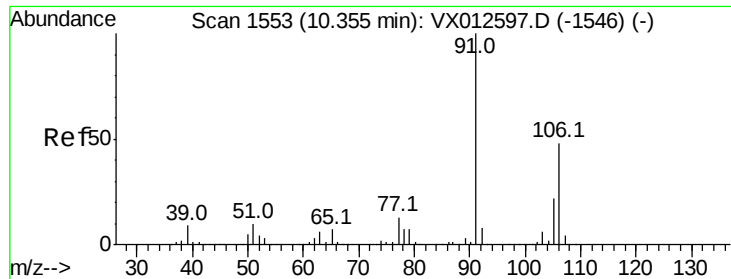
Tot Ion:117 Resp: 235791
Ion Ratio Lower Upper
117 100
82 57.3 45.9 68.9
119 32.9 25.3 37.9



#64
Tetrachloroethene
Concen: 6.307 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012834.D
Acq: 07 Oct 2019 13:39

Tgt Ion:164 Resp: 10369
Ion Ratio Lower Upper
164 100
166 115.8 107.8 161.6
129 97.9 86.2 129.2
131 95.1 80.4 120.6

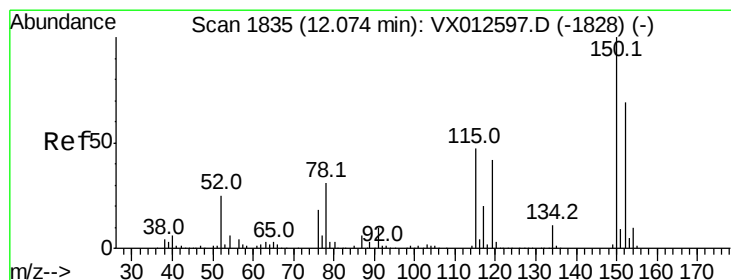
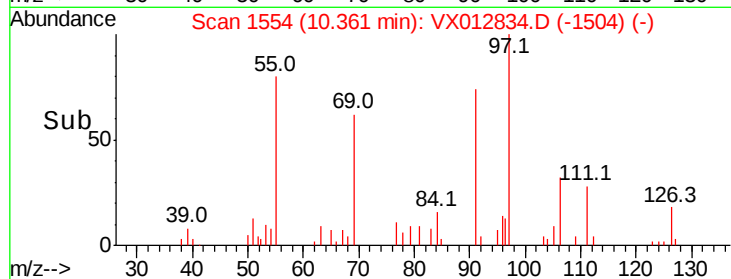
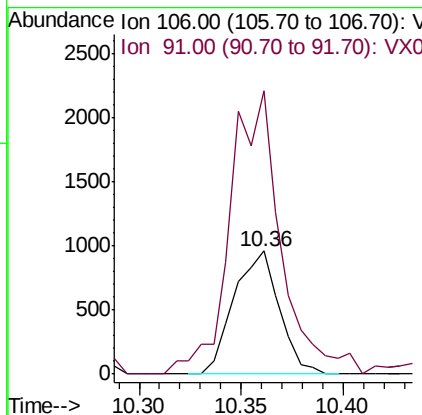
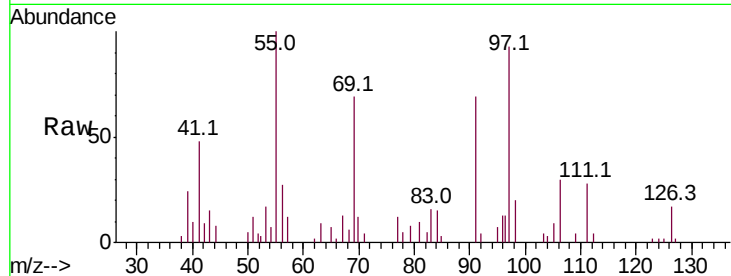




#68
m/p-Xvlenes
Concen: 0.439 ug/l
RT: 10.36 min Scan# 1554
Delta R.T. 0.01 min
Lab File: VX012834.D
Acq: 07 Oct 2019 13:39

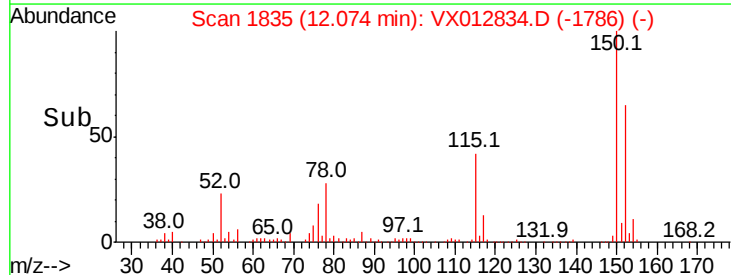
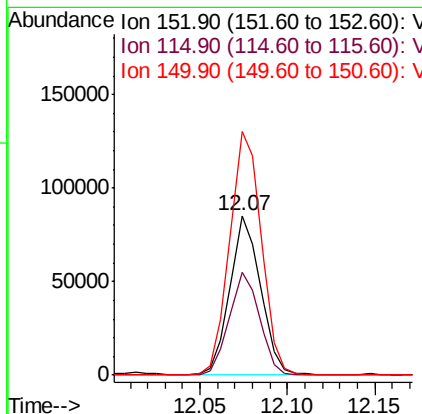
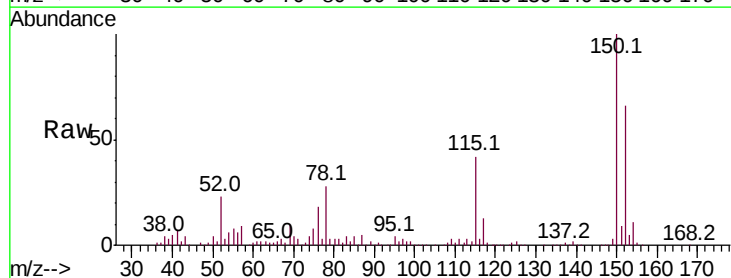
Instrument :
MSVOA_X
ClientSampleId :
S-4(0-5)ME

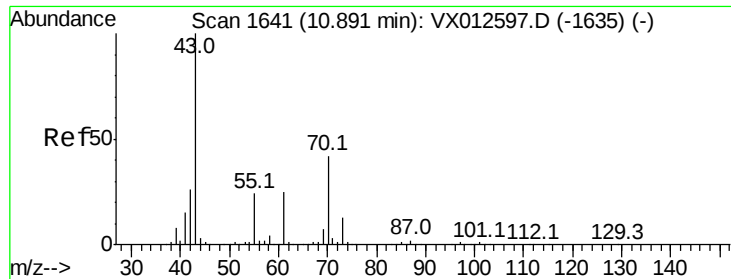
Tot Ion:106 Resp: 1482
Ion Ratio Lower Upper
106 100
91 261.1 166.6 250.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012834.D
Acq: 07 Oct 2019 13:39

Tgt Ion:152 Resp: 104457
Ion Ratio Lower Upper
152 100
115 64.3 44.1 132.3
150 157.6 0.0 343.8





#74

N-amvl acetate

Concen: 2.491 ug/l

RT: 10.90 min Scan# 1643

Delta R.T. 0.01 min

Lab File: VX012834.D

Acq: 07 Oct 2019 13:39

Instrument :

MSVOA_X

ClientSampled :

S-4(0-5)ME

Tot Ion: 43 Resp: 10112

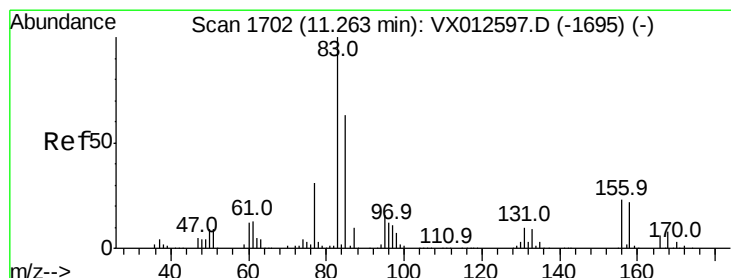
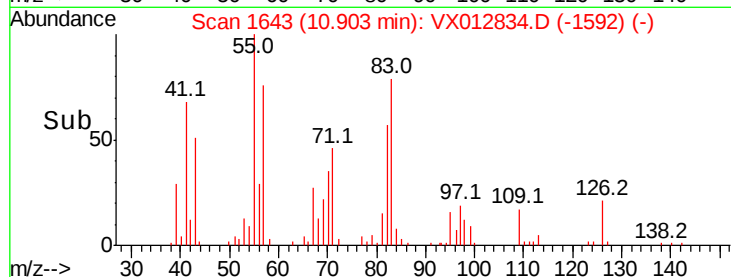
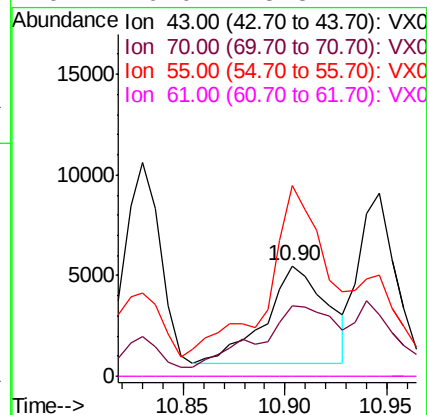
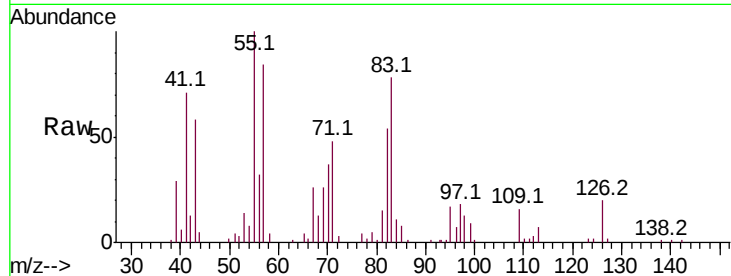
Ion Ratio Lower Upper

43 100

70 80.0 32.4 48.6#

55 161.5 18.2 27.4#

61 0.0 18.5 27.7#



#75

1,1,2,2-Tetrachloroethane

Concen: 3.554 ug/l

RT: 11.28 min Scan# 1704

Delta R.T. 0.01 min

Lab File: VX012834.D

Acq: 07 Oct 2019 13:39

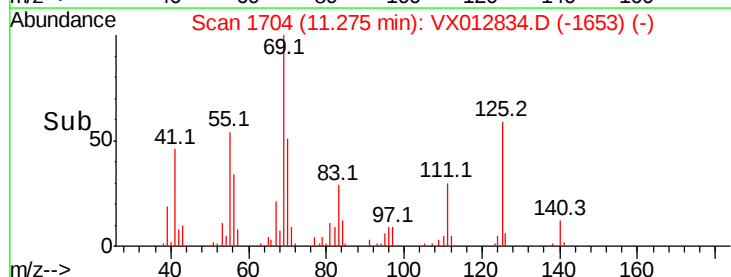
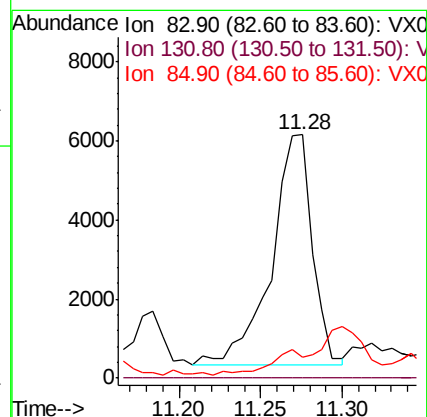
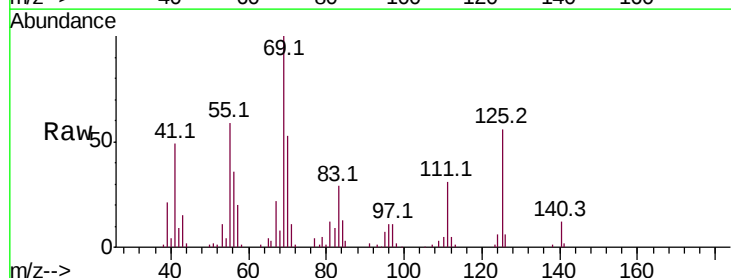
Tgt Ion: 83 Resp: 10013

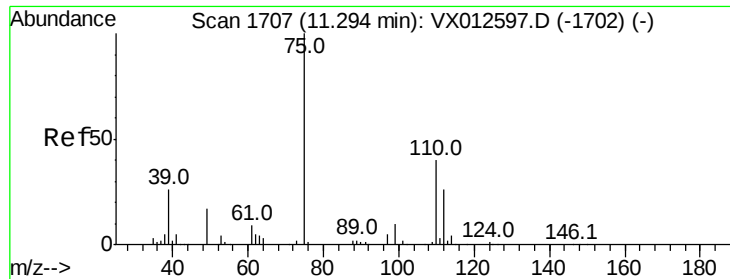
Ion Ratio Lower Upper

83 100

131 0.0 5.2 15.6#

85 9.2 32.0 96.0#

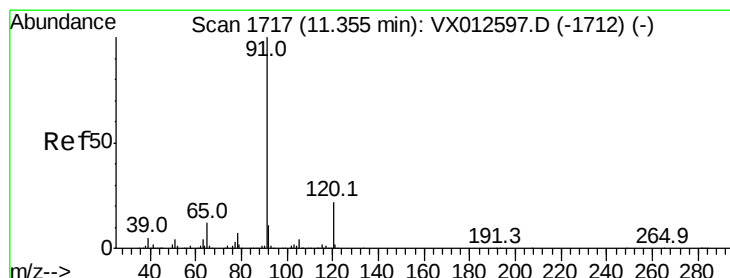
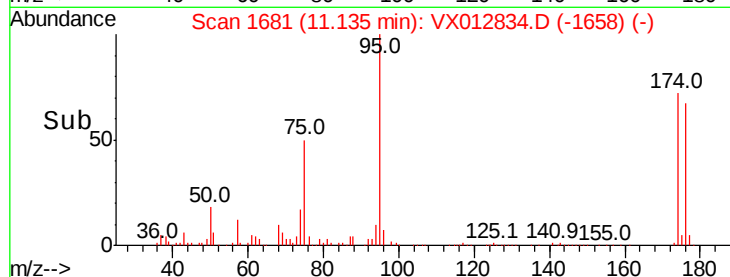
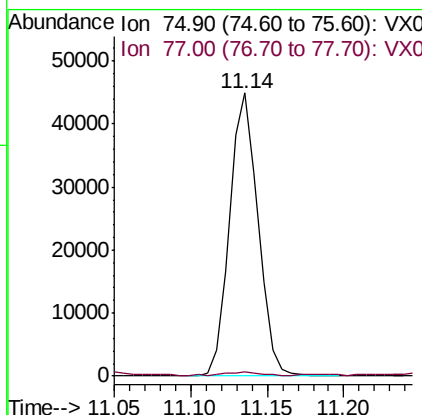
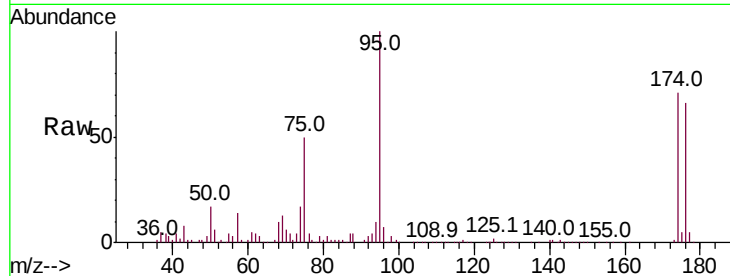




#76
 1,2,3-Trichloropropane
 Concen: 20.942 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. -0.16 min
 Lab File: VX012834.D
 Acq: 07 Oct 2019 13:39

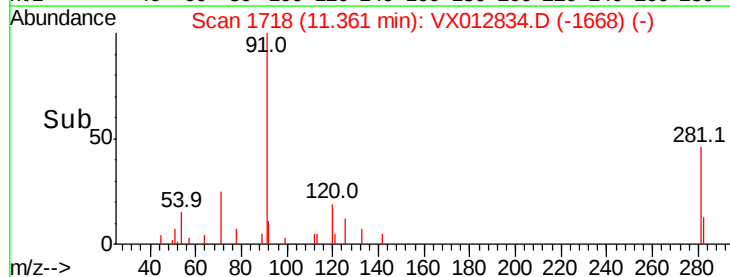
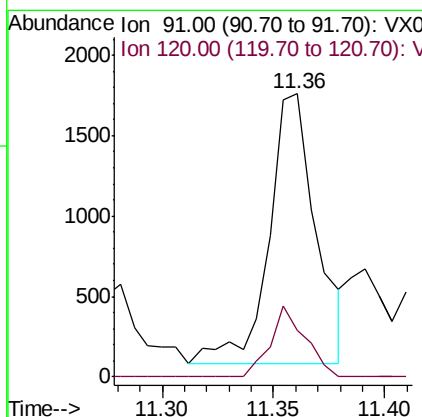
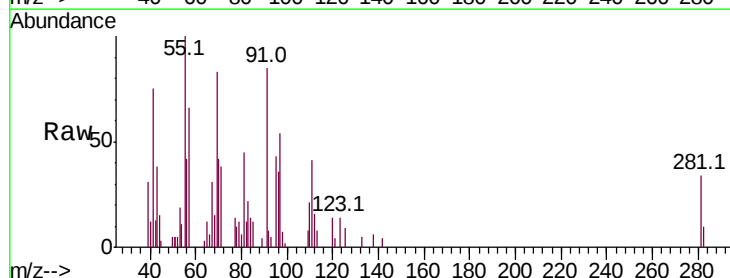
Instrument :
 MSVOA_X
 ClientSampleId :
 S-4(0-5)ME

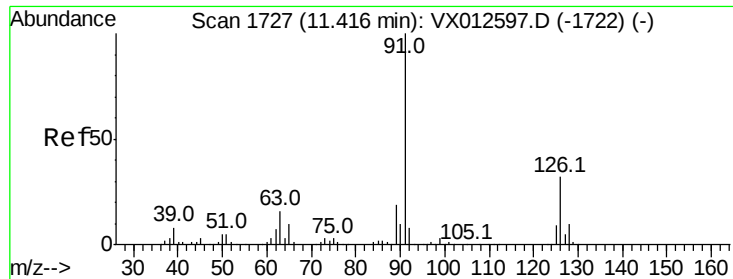
Tot Ion: 75 Resp: 57865
 Ion Ratio Lower Upper
 75 100
 77 1.5 19.7 59.0#



#78
 n-propylbenzene
 Concen: 0.257 ug/l
 RT: 11.36 min Scan# 1718
 Delta R.T. 0.01 min
 Lab File: VX012834.D
 Acq: 07 Oct 2019 13:39

Tgt Ion: 91 Resp: 2465
 Ion Ratio Lower Upper
 91 100
 120 19.2 11.3 33.8

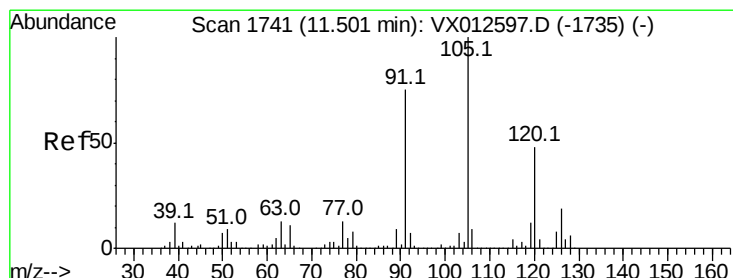
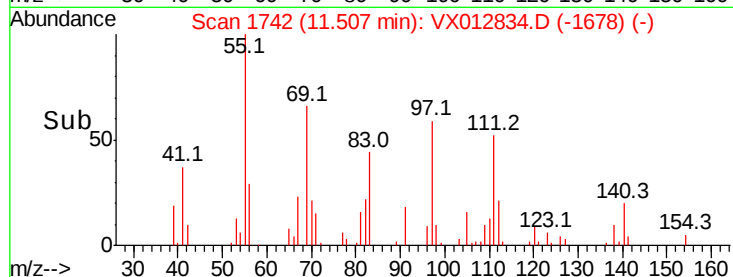
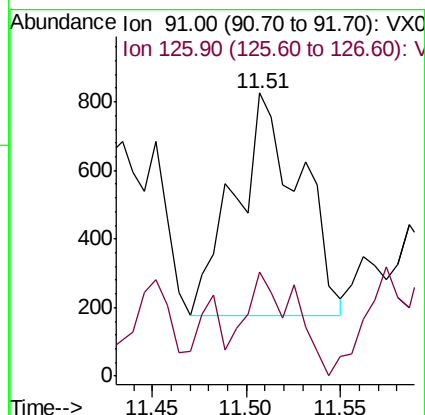
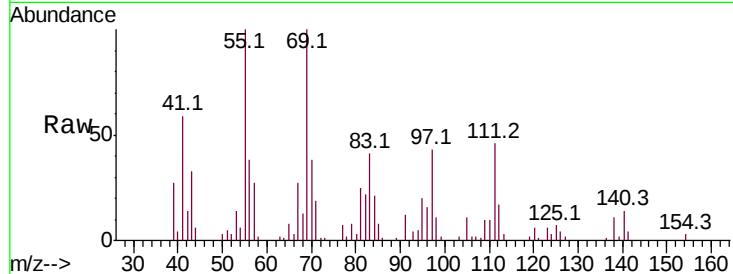




#79
 2-Chlorotoluene
 Concen: 0.261 ug/l
 RT: 11.51 min Scan# 1742
 Delta R.T. 0.09 min
 Lab File: VX012834.D
 Acq: 07 Oct 2019 13:39

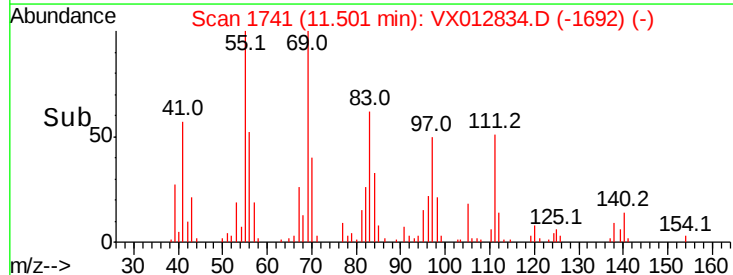
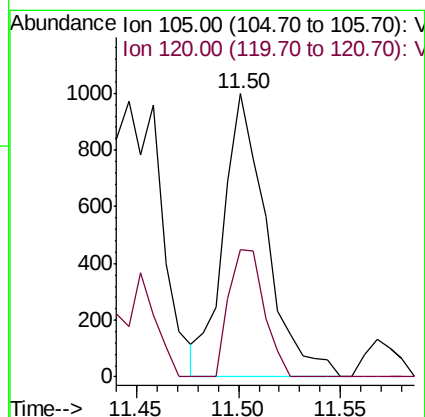
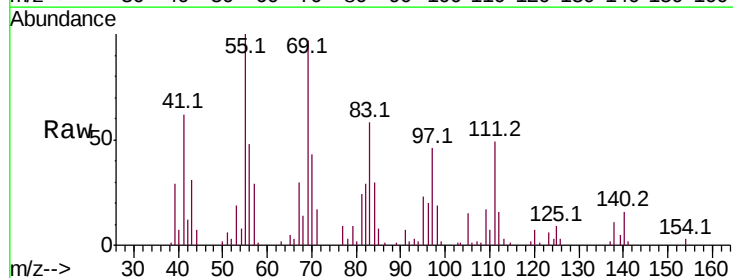
Instrument :
 MSVOA_X
 ClientSampled :
 S-4(0-5)ME

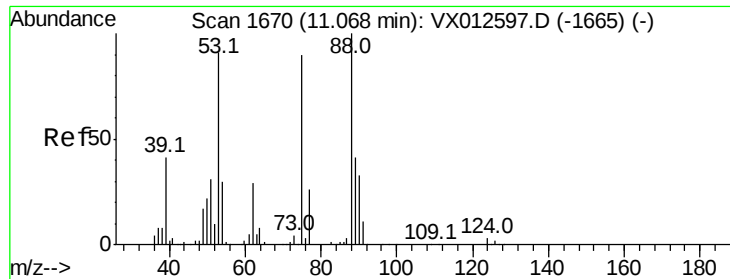
Tot Ion: 91 Resp: 1557
 Ion Ratio Lower Upper
 91 100
 126 35.7 16.4 49.4



#80
 1,3,5-Trimethylbenzene
 Concen: 0.205 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX012834.D
 Acq: 07 Oct 2019 13:39

Tgt Ion:105 Resp: 1466
 Ion Ratio Lower Upper
 105 100
 120 36.6 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 60.014 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.07 min

Lab File: VX012834.D

Acq: 07 Oct 2019 13:39

Instrument :

MSVOA_X

ClientSampleId :

S-4(0-5)ME

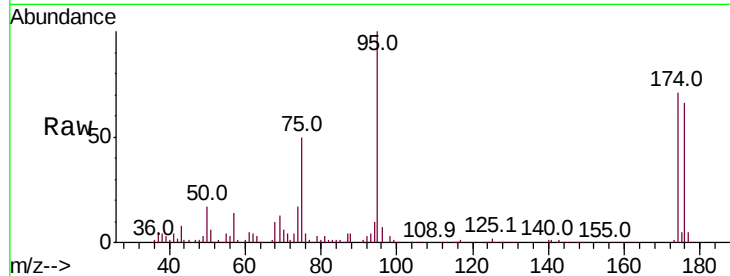
Tot Ion: 75 Resp: 57865

Ion Ratio Lower Upper

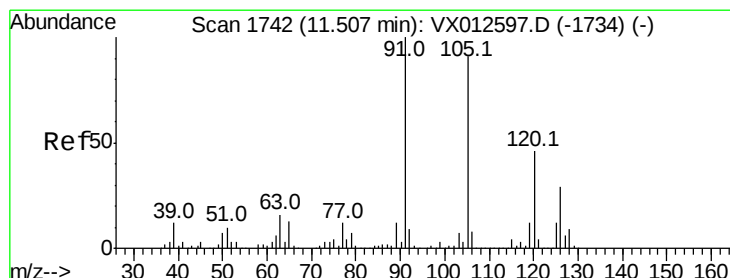
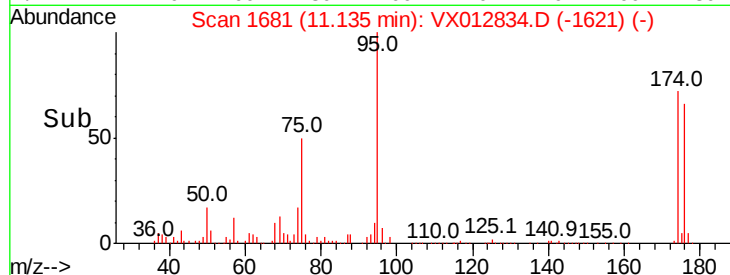
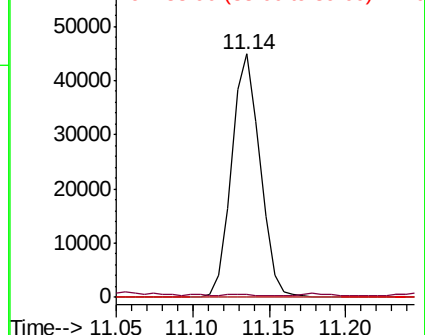
75 100

53 0.6 83.6 125.4#

89 0.1 36.3 54.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 0.229 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX012834.D

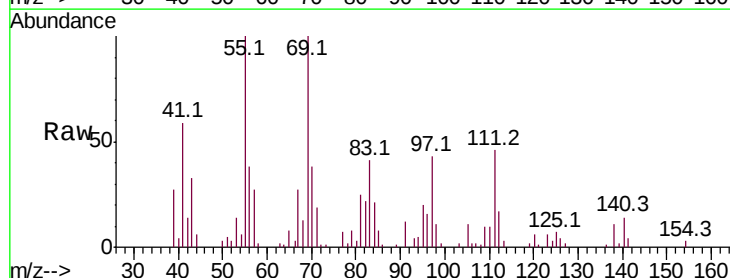
Acq: 07 Oct 2019 13:39

Tgt Ion: 91 Resp: 1557

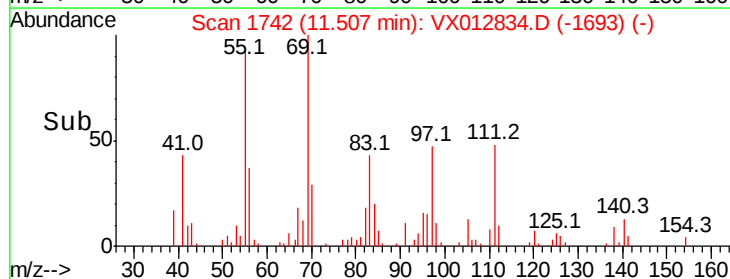
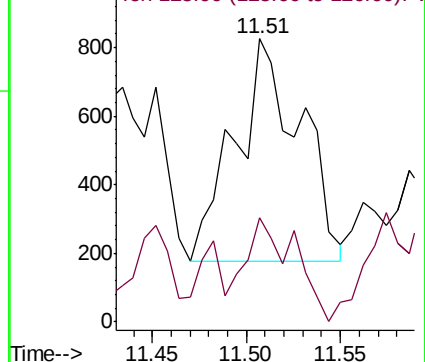
Ion Ratio Lower Upper

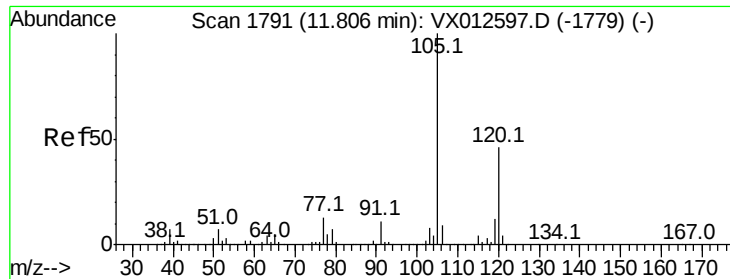
91 100

126 35.7 14.4 43.0



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

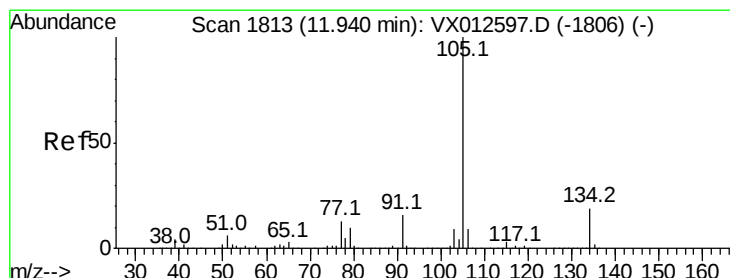
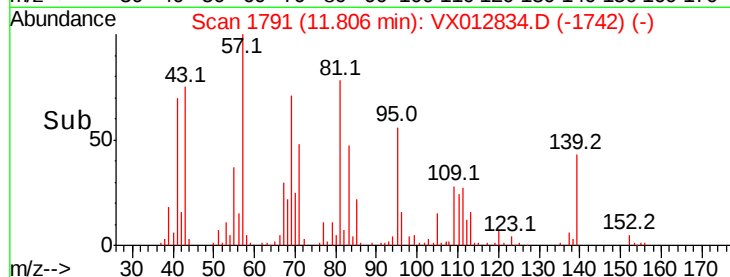
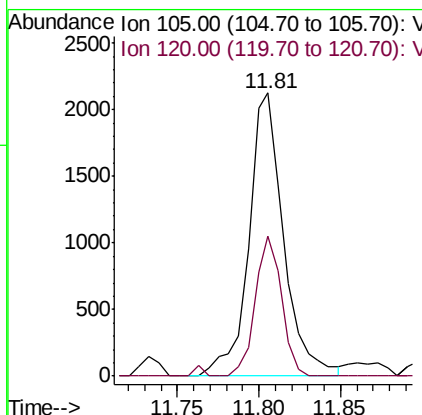
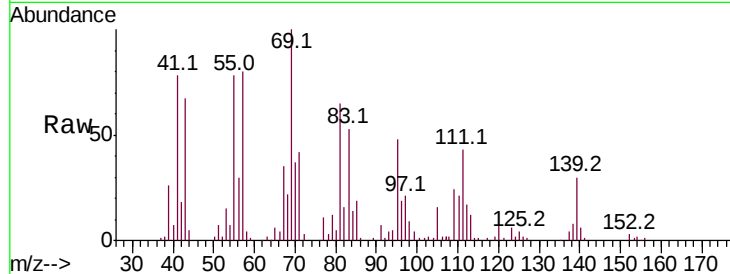




#84
 1,2,4-Trimethylbenzene
 Concen: 0.440 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX012834.D
 Acq: 07 Oct 2019 13:39

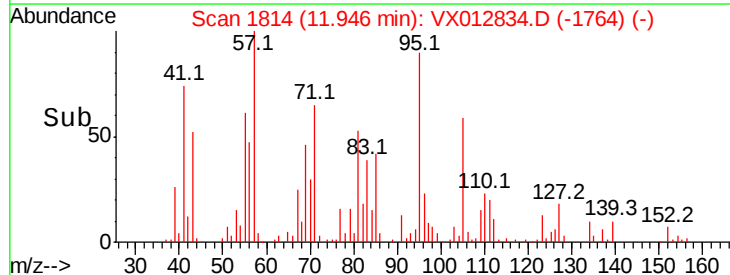
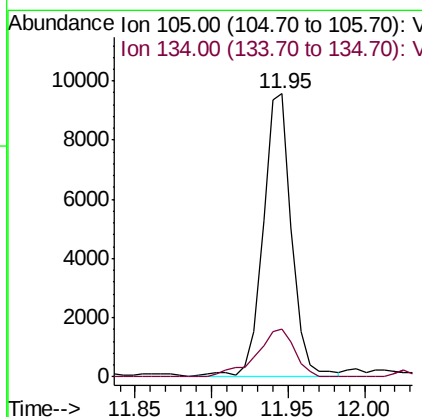
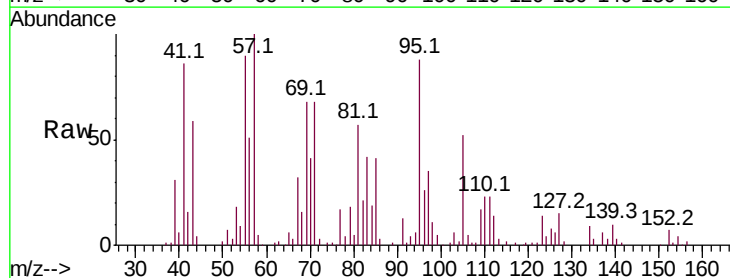
Instrument :
 MSVOA_X
 ClientSampleId :
 S-4(0-5)ME

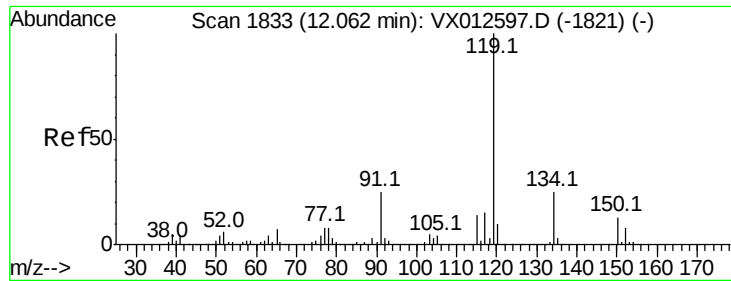
Tot Ion:105 Resp: 3168
 Ion Ratio Lower Upper
 105 100
 120 37.0 22.2 66.6



#85
 sec-Butylbenzene
 Concen: 1.562 ug/l
 RT: 11.95 min Scan# 1814
 Delta R.T. 0.01 min
 Lab File: VX012834.D
 Acq: 07 Oct 2019 13:39

Tgt Ion:105 Resp: 12500
 Ion Ratio Lower Upper
 105 100
 134 22.4 9.8 29.4

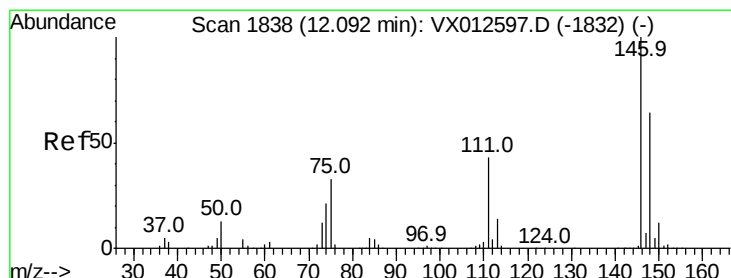
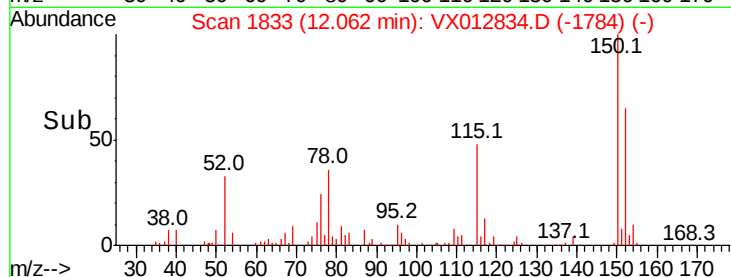
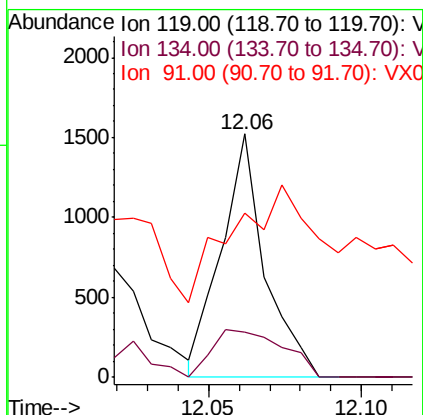
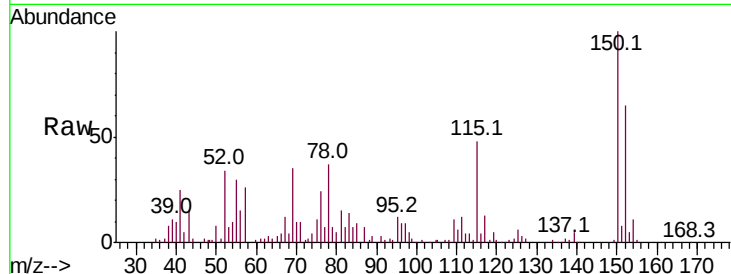




#86
 p-Isopropyltoluene
 Concen: 0.208 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX012834.D
 Acq: 07 Oct 2019 13:39

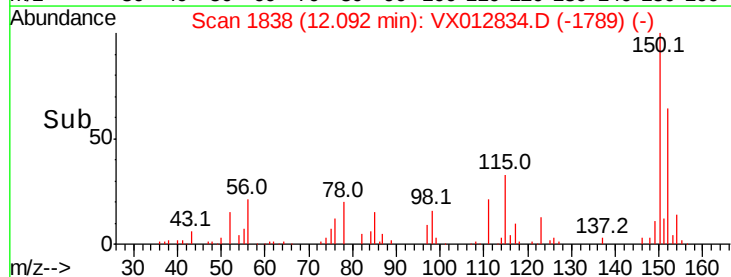
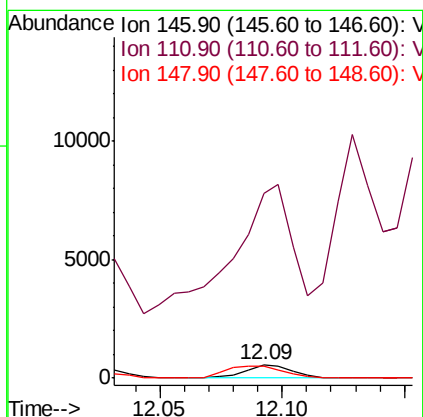
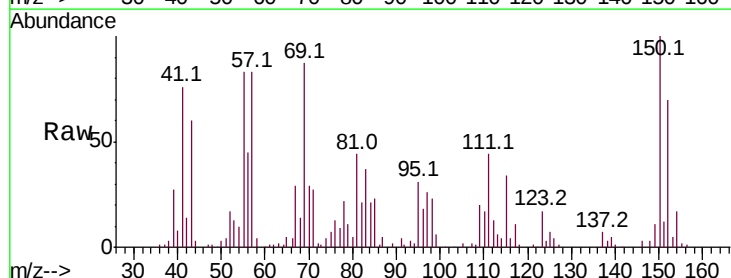
Instrument :
 MSVOA_X
 ClientSampleId :
 S-4(0-5)ME

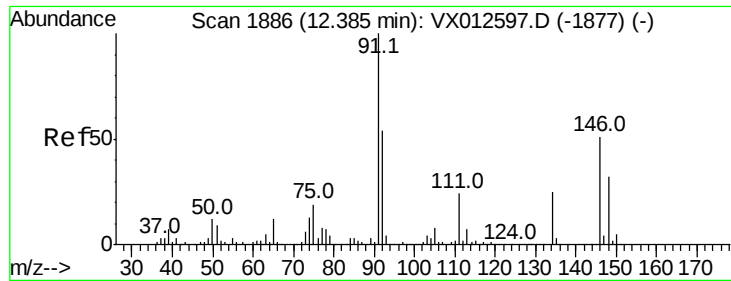
Tot Ion:119 Resp: 1503
 Ion Ratio Lower Upper
 119 100
 134 31.9 12.7 38.1
 91 91.4 12.8 38.4#



#88
 1,4-Dichlorobenzene
 Concen: 0.217 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX012834.D
 Acq: 07 Oct 2019 13:39

Tgt Ion:146 Resp: 761
 Ion Ratio Lower Upper
 146 100
 111 994.0 21.1 63.3#
 148 112.1 32.1 96.5#





#89

n-Butylbenzene

Concen: 2.157 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX012834.D

Acq: 07 Oct 2019 13:39

Instrument :

MSVOA_X

ClientSampled :

S-4(0-5)ME

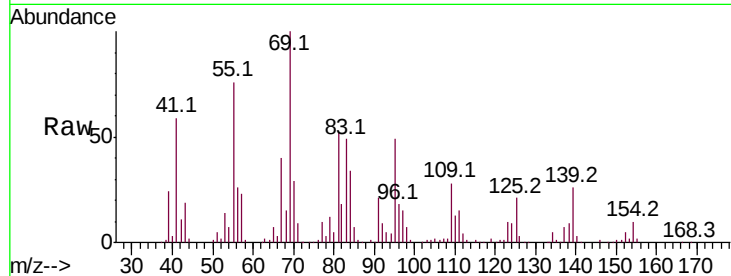
Tot Ion: 91 Resp: 13730

Ion Ratio Lower Upper

91 100

92 38.8 27.7 83.0

134 37.2 12.9 38.6

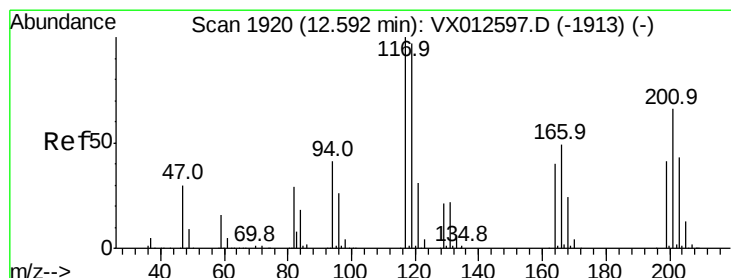
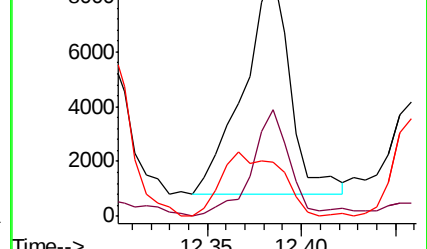
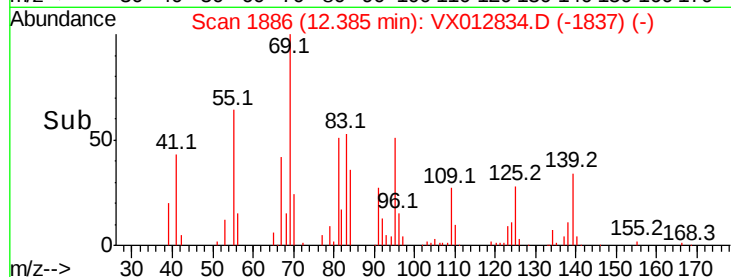


Abundance Ion 91.00 (90.70 to 91.70): VX012597.D (-1877) (-)

Ion 92.00 (91.70 to 92.70): VX012597.D (-1877) (-)

Ion 134.00 (133.70 to 134.70): VX012597.D (-1877) (-)

Time-->



#90

Hexachloroethane

Concen: 4.669 ug/l

RT: 12.67 min Scan# 1932

Delta R.T. 0.07 min

Lab File: VX012834.D

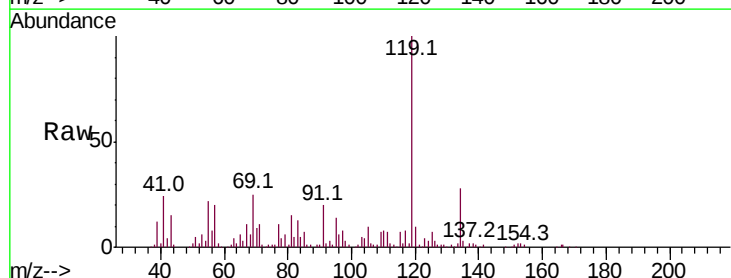
Acq: 07 Oct 2019 13:39

Tgt Ion: 117 Resp: 6012

Ion Ratio Lower Upper

117 100

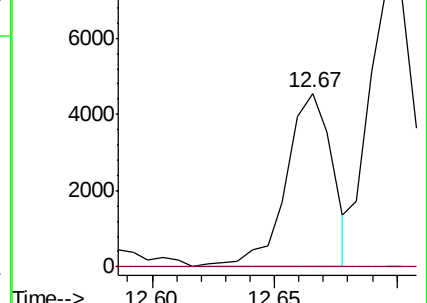
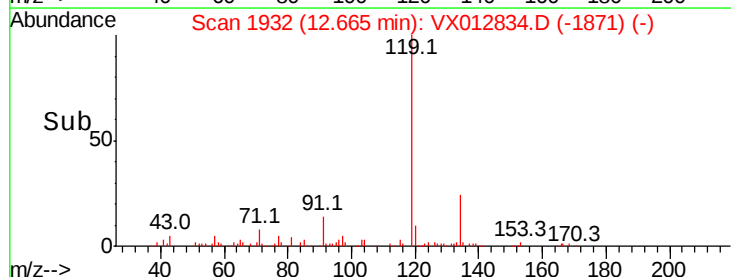
201 0.0 33.3 99.8#

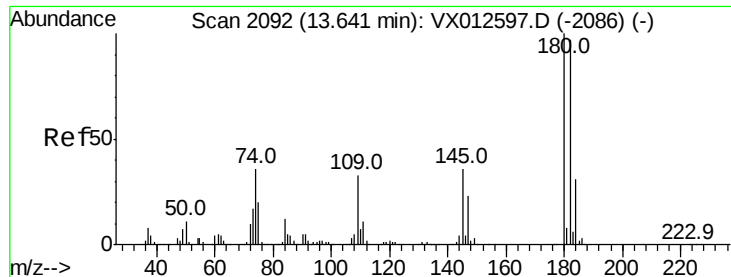


Abundance Ion 116.80 (116.50 to 117.50): VX012597.D (-1913) (-)

Ion 200.70 (200.40 to 201.40): VX012597.D (-1913) (-)

Time-->

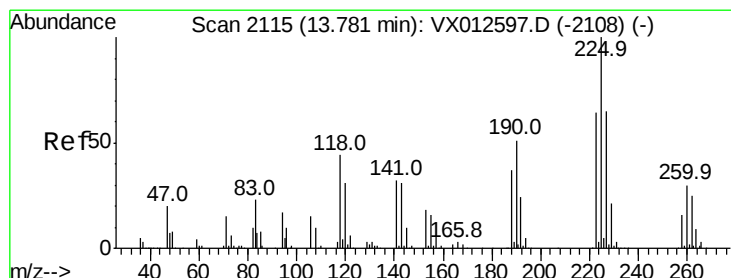
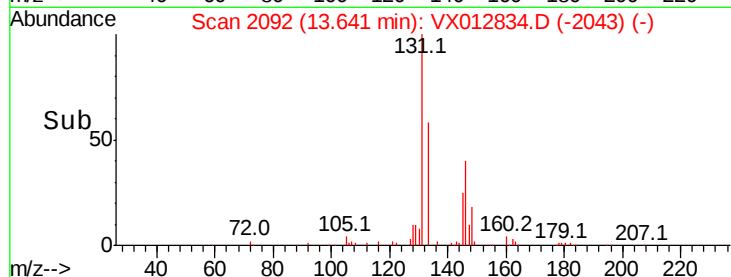
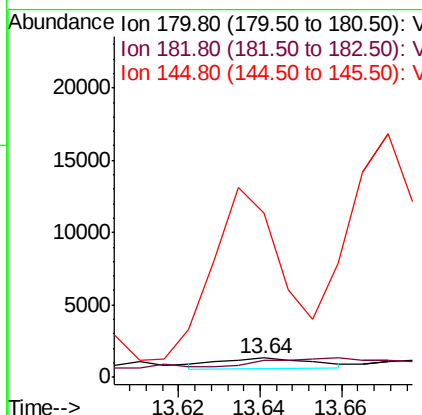
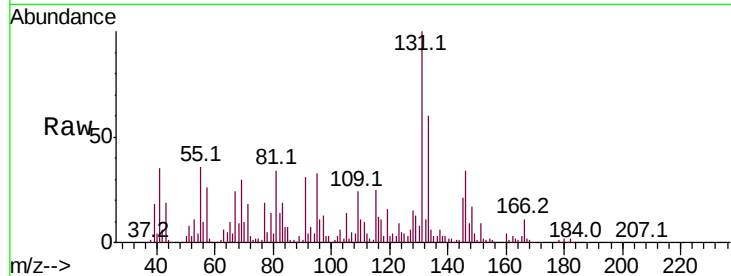




#93
 1,2,4-Trichlorobenzene
 Concen: 0.504 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX012834.D
 Acq: 07 Oct 2019 13:39

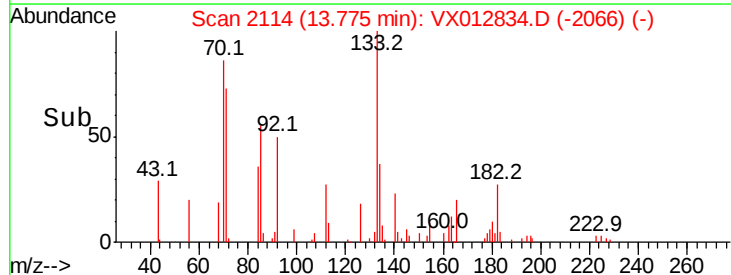
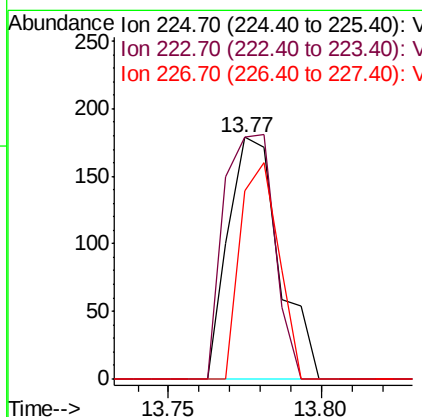
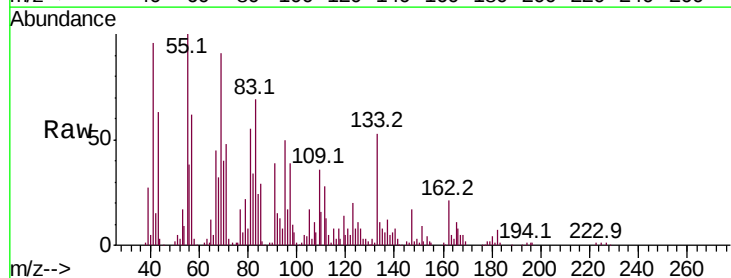
Instrument :
 MSVOA_X
 ClientSampleId :
 S-4(0-5)ME

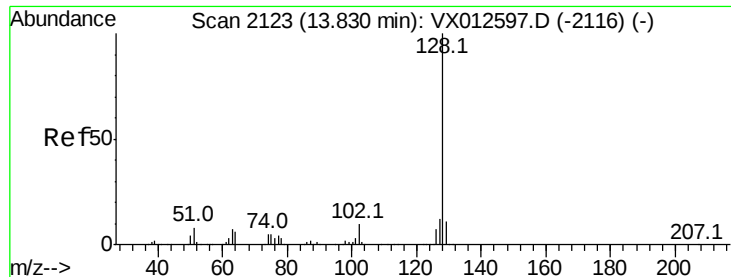
Tot Ion:180 Resp: 1066
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.0 141.0#
 145 1433.6 16.8 50.4#



#94
 Hexachlorobutadiene
 Concen: 0.226 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: VX012834.D
 Acq: 07 Oct 2019 13:39

Tgt Ion:225 Resp: 206
 Ion Ratio Lower Upper
 225 100
 223 100.0 32.0 96.2#
 227 67.5 31.9 95.5

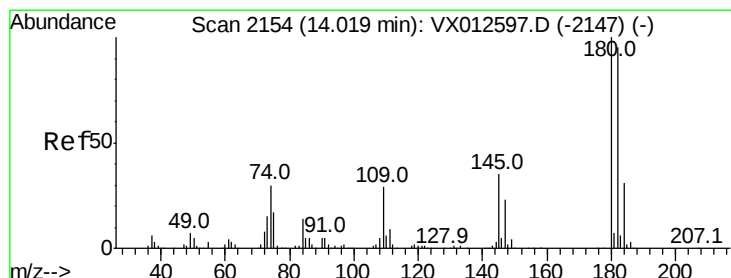
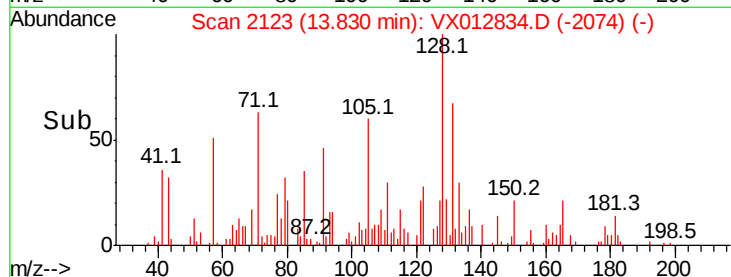
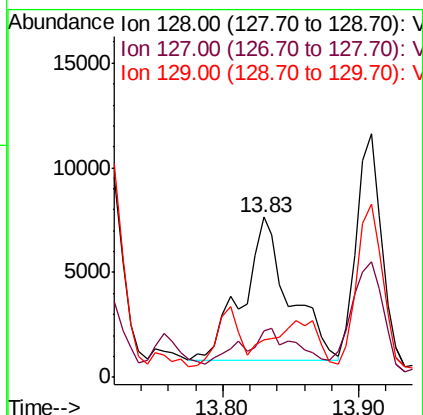
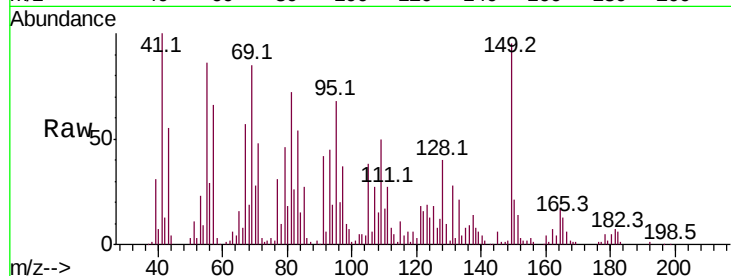




#95
Naphthalene
Concen: 2.173 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX012834.D
Acq: 07 Oct 2019 13:39

Instrument :
MSVOA_X
ClientSampleId :
S-4(0-5)ME

Tot Ion:128 Resp: 16636
Ion Ratio Lower Upper
128 100
127 19.8 10.2 15.4#
129 0.0 8.8 13.2#



#96
1,2,3-Trichlorobenzene
Concen: 2.095 ug/l
RT: 14.02 min Scan# 2155
Delta R.T. 0.01 min
Lab File: VX012834.D
Acq: 07 Oct 2019 13:39

Tgt Ion:180 Resp: 4441
Ion Ratio Lower Upper
180 100
182 28.1 47.1 141.3#
145 814.4 18.0 54.0#

