

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091919\
 Data File : VX012535.D
 Acq On : 19 Sep 2019 17:54
 Operator : JC/SP
 Sample : K4887-01DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z2-0157DL

Quant Time: Sep 20 04:35:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 15:27:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	179099	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	282995	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	240814	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	100702	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	120456	46.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.86%	
35) Dibromofluoromethane	5.49	113	84199	49.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.32%	
50) Toluene-d8	8.71	98	329645	51.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.98%	
62) 4-Bromofluorobenzene	11.14	95	122817	46.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.32%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.20	85	23	0.410	ug/l #	4
3) Chloromethane	1.31	50	409	0.415	ug/l #	34
4) Vinyl Chloride	1.40	62	1663	1.563	ug/l	99
5) Bromomethane	1.64	94	393	0.940	ug/l #	35
10) Methyl Iodide	2.50	142	240	4.623	ug/l #	80
11) Tert butyl alcohol	3.01	59	9830	9.451	ug/l #	80
12) 1,1-Dichloroethene	2.35	96	302	0.268	ug/l #	60
13) Acrolein	2.25	56	330	Below Cal	#	15
15) Acrylonitrile	3.15	53	556	0.500	ug/l #	64
16) Acetone	2.45	43	1644	Below Cal		92
17) Carbon Disulfide	2.56	76	232	1.947	ug/l #	75
20) Methylene Chloride	2.84	84	2231	1.436	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	13071	7.483	ug/l	89
31) Cyclohexane	5.56	56	30767	17.355	ug/l	96
36) 1,1-Dichloropropene	5.64	75	14967	8.702	ug/l #	52
38) Carbon Tetrachloride	5.64	117	19438	9.087	ug/l #	18
39) Methylcyclohexane	7.45	83	29954	17.915	ug/l	100
44) Trichloroethene	7.21	130	9910	6.888	ug/l	84
45) 1,2-Dichloropropane	7.46	63	711	0.423	ug/l #	20
48) Methyl methacrylate	7.73	41	2300	1.030	ug/l #	67
49) 1,4-Dioxane	7.79	88	34	0.625	ug/l #	22
55) 1,1,2-Trichloroethane	9.16	97	2174	1.197	ug/l #	17
56) Ethyl methacrylate	9.16	69	665	0.234	ug/l #	1
60) Dibromochloromethane	9.33	129	27026	14.613	ug/l #	11
64) Tetrachloroethene	9.33	164	26958	24.430	ug/l	96
67) Ethyl Benzene	10.25	91	52113	7.632	ug/l	100
68) m/p-Xylenes	10.35	106	109101	43.911	ug/l	100
69) o-Xylene	10.70	106	747	0.292	ug/l	93
73) Isopropylbenzene	11.01	105	62018	9.815	ug/l	99
76) 1,2,3-Trichloropropane	11.43	75	2190	0.947	ug/l #	1
78) n-propylbenzene	11.35	91	60819	8.636	ug/l	100
79) 2-Chlorotoluene	11.43	91	26203	5.719	ug/l #	42
80) 1,3,5-Trimethylbenzene	11.50	105	91567	16.993	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.14	75	63922	74.263	ug/l #	8

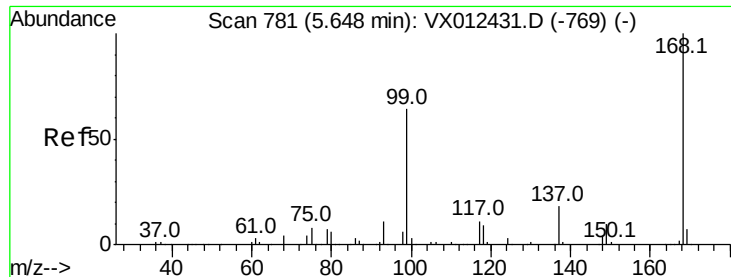
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091919\
Data File : VX012535.D
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Quant Time: Sep 20 04:35:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 17 15:27:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) 4-Chlorotoluene	11.50	91	10293	1.958	ug/l #	47
83) tert-Butylbenzene	11.80	119	33057	5.725	ug/l #	54
84) 1,2,4-Trimethylbenzene	11.81	105	273036	49.348	ug/l	100
85) sec-Butylbenzene	11.81	105	273036	42.912	ug/l #	57
86) p-Isopropyltoluene	12.06	119	4933	0.844	ug/l	84
88) 1,4-Dichlorobenzene	12.09	146	629	0.211	ug/l #	1
89) n-Butylbenzene	12.38	91	4705	0.903	ug/l #	33
90) Hexachloroethane	12.59	117	860	0.803	ug/l #	17
95) Naphthalene	13.83	128	32320	4.655	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX012535.D

Acq: 19 Sep 2019 17:54

Instrument :

MSVOA_X

ClientSampleId :

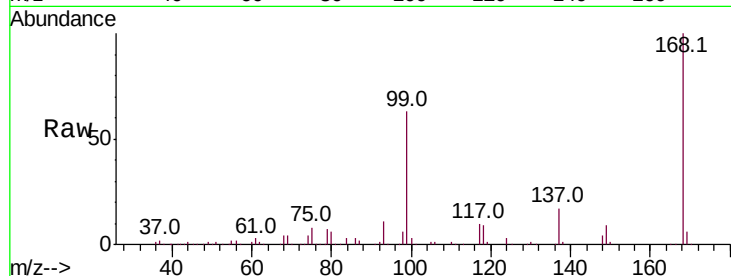
Z2-0157DL

Tot Ion:168 Resp: 179099

Ion Ratio Lower Upper

168 100

99 62.5 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): VX012431.D (-769) (-)

Ion 98.90 (98.60 to 99.60): VX012431.D (-769) (-)

5.65

60000

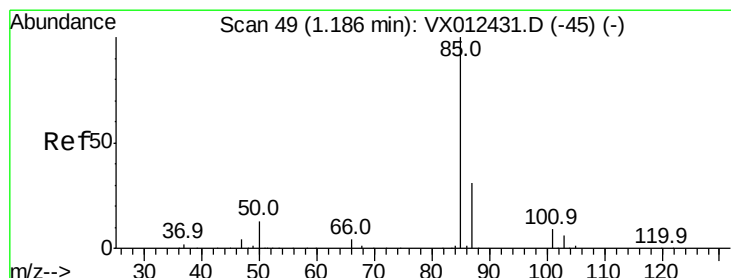
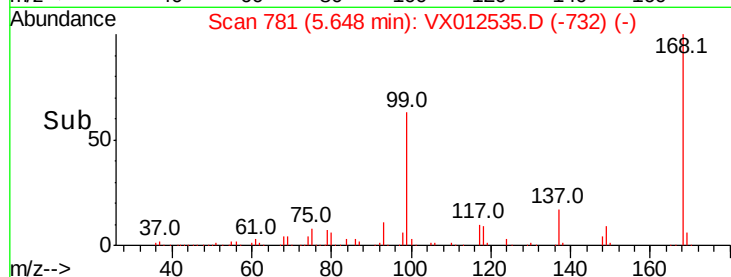
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 0.410 ug/l

RT: 1.20 min Scan# 51

Delta R.T. 0.01 min

Lab File: VX012535.D

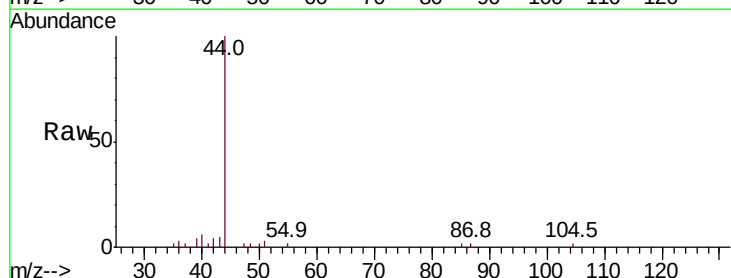
Acq: 19 Sep 2019 17:54

Tgt Ion: 85 Resp: 23

Ion Ratio Lower Upper

85 100

87 83.9 15.6 46.8#



Abundance Ion 84.90 (84.60 to 85.60): VX012431.D (-45) (-)

Ion 86.90 (86.60 to 87.60): VX012431.D (-45) (-)

1.20

60

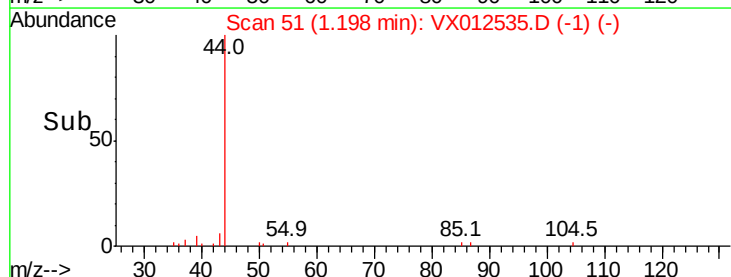
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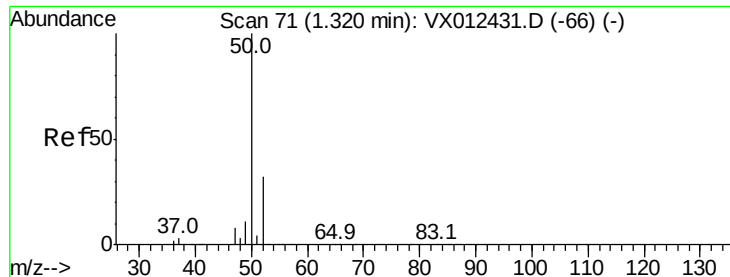
20

0

Time-->

1.18 1.19 1.20 1.21





#3

Chloromethane

Concen: 0.415 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.01 min

Lab File: VX012535.D

Acq: 19 Sep 2019 17:54

Instrument :

MSVOA_X

ClientSampleId :

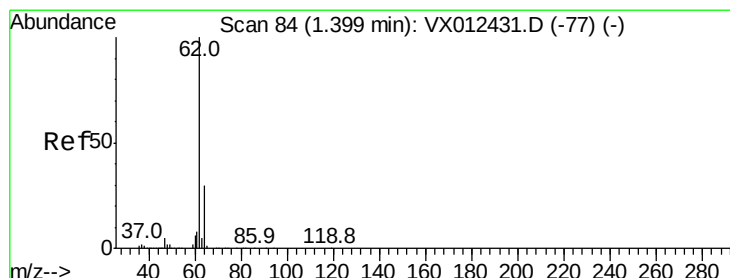
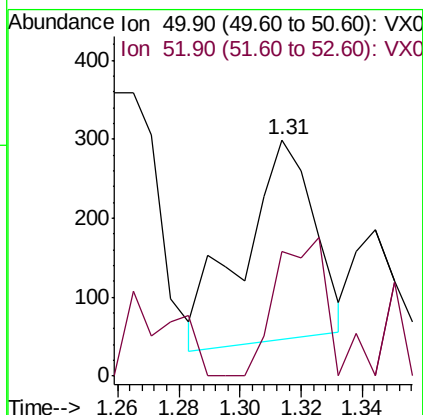
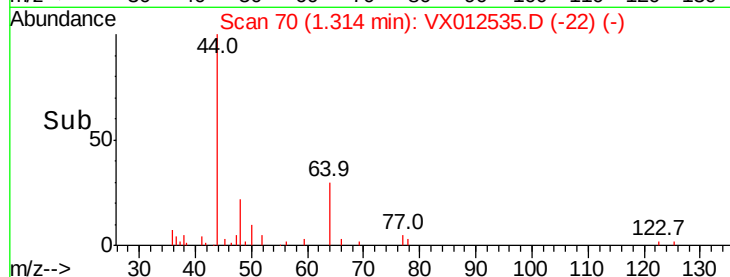
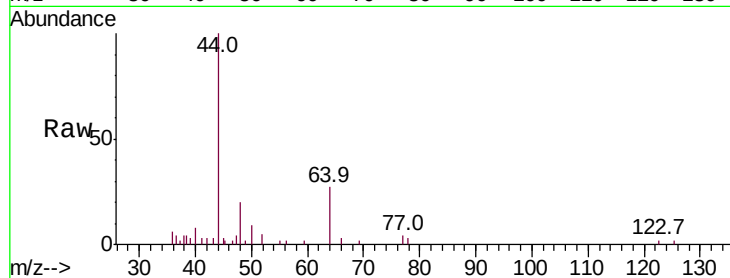
Z2-0157DL

Tot Ion: 50 Resp: 409

Ion Ratio Lower Upper

50 100

52 68.7 25.7 38.5#



#4

Vinyl Chloride

Concen: 1.563 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX012535.D

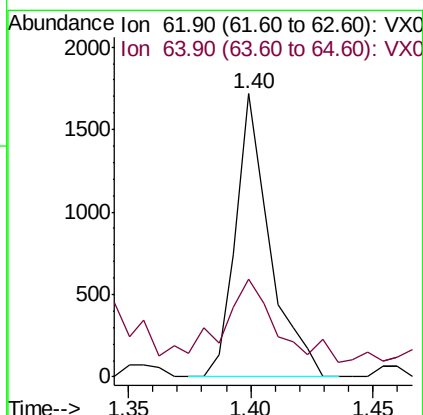
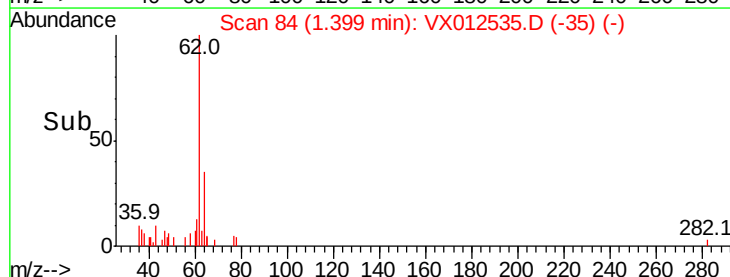
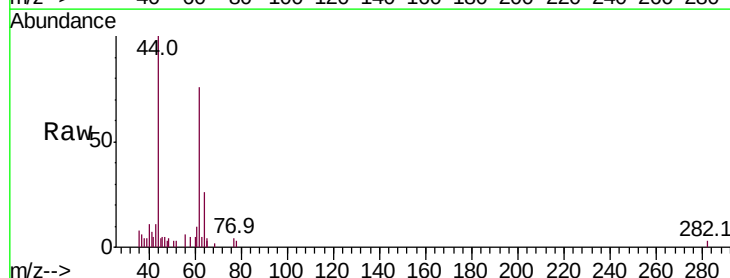
Acq: 19 Sep 2019 17:54

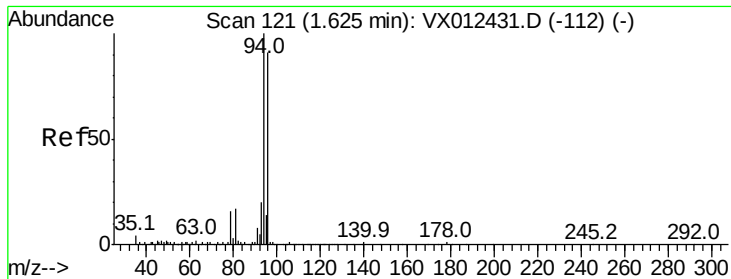
Tgt Ion: 62 Resp: 1663

Ion Ratio Lower Upper

62 100

64 29.6 24.2 36.2





#5

Bromomethane

Concen: 0.940 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.02 min

Lab File: VX012535.D

Acq: 19 Sep 2019 17:54

Instrument :

MSVOA_X

ClientSampleId :

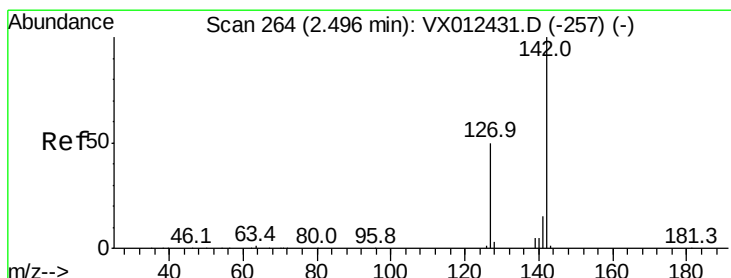
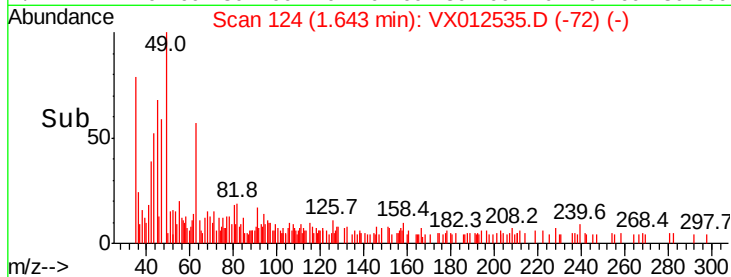
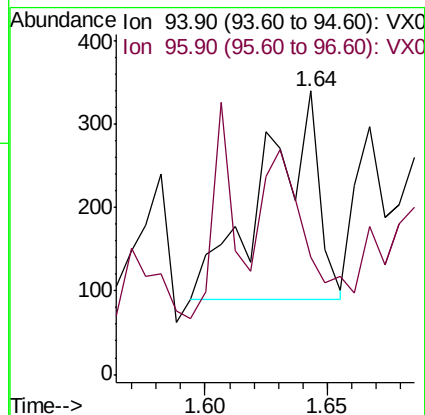
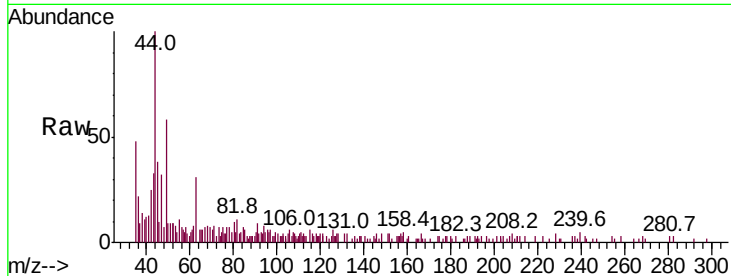
Z2-0157DL

Tot Ion: 94 Resp: 393

Ion Ratio Lower Upper

94 100

96 29.6 72.8 109.2#



#10

Methyl Iodide

Concen: 4.623 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX012535.D

Acq: 19 Sep 2019 17:54

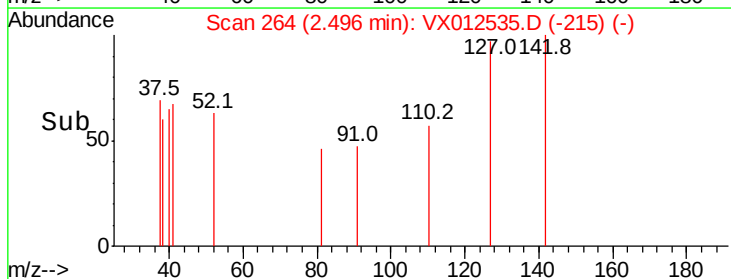
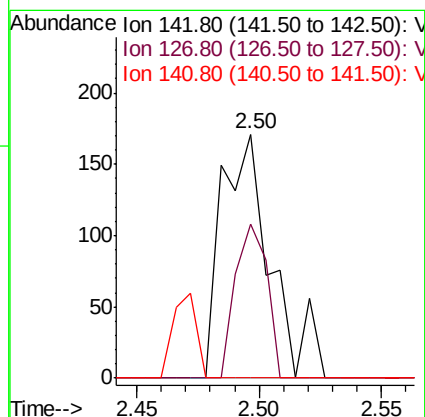
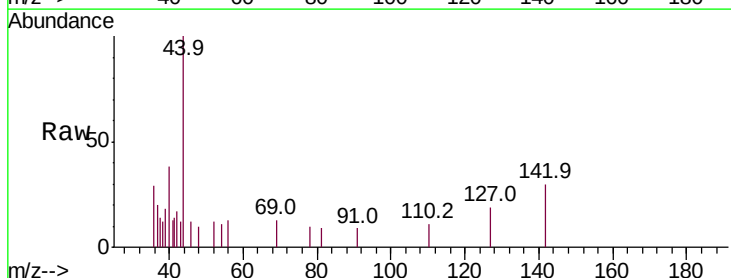
Tgt Ion: 142 Resp: 240

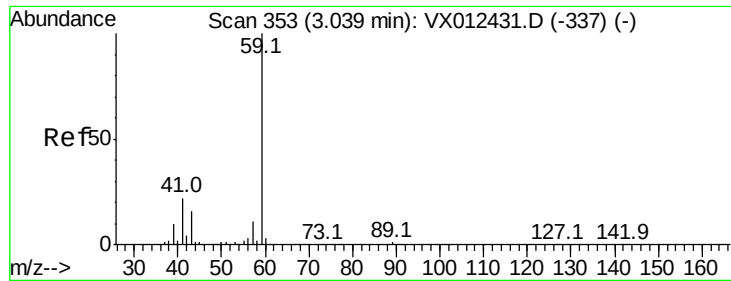
Ion Ratio Lower Upper

142 100

127 40.4 40.8 61.2#

141 0.0 12.1 18.1#

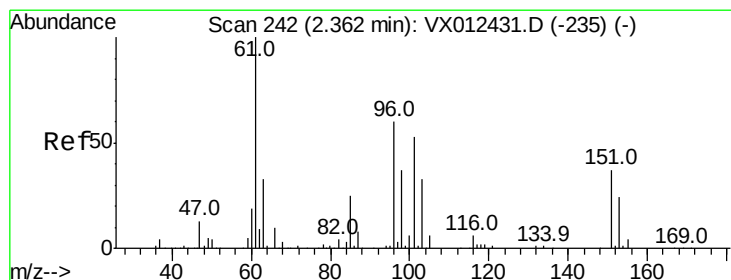
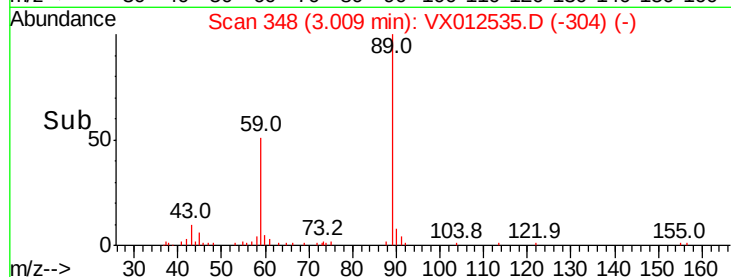
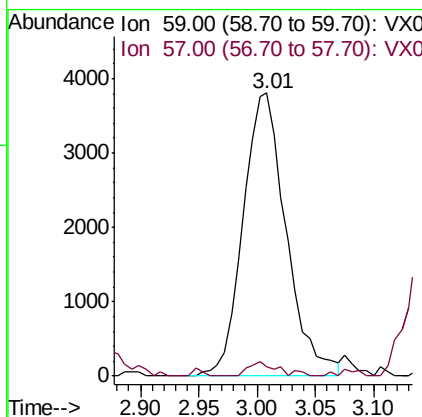
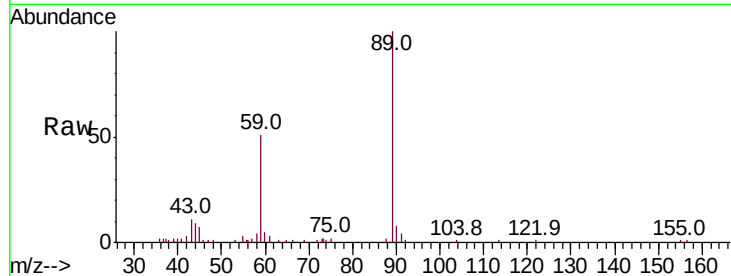




#11
Tert butyl alcohol
Concen: 9.451 ug/l
RT: 3.01 min Scan# 348
Delta R.T. -0.03 min
Lab File: VX012535.D
Acq: 19 Sep 2019 17:54

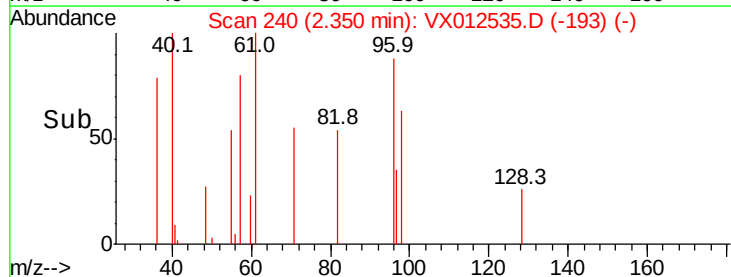
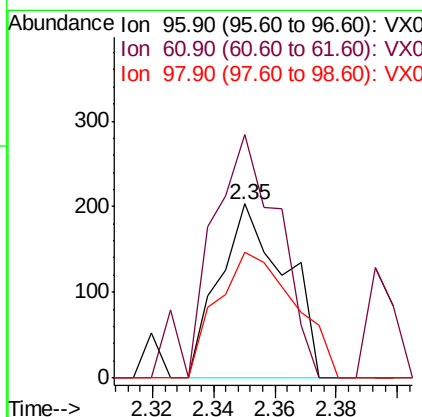
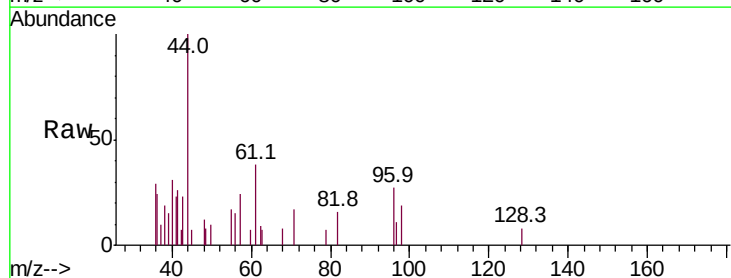
Instrument :
MSVOA_X
ClientSampleId :
Z2-0157DL

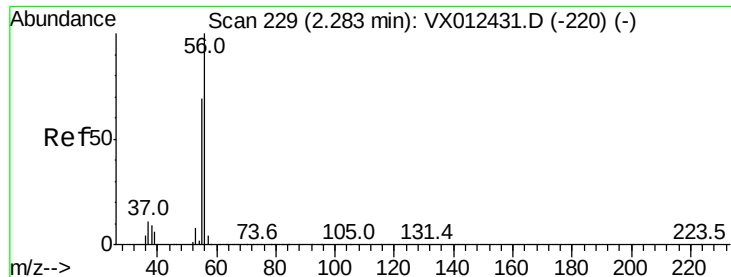
Tot Ion: 59 Resp: 9830
Ion Ratio Lower Upper
59 100
57 2.9 8.3 12.5#



#12
1,1-Dichloroethene
Concen: 0.268 ug/l
RT: 2.35 min Scan# 240
Delta R.T. -0.01 min
Lab File: VX012535.D
Acq: 19 Sep 2019 17:54

Tgt Ion: 96 Resp: 302
Ion Ratio Lower Upper
96 100
61 100.4 133.8 200.6#
98 51.6 49.9 74.9





#13

Acrolein

Concen: Below Cal

RT: 2.25 min Scan# 223

Delta R.T. -0.04 min

Lab File: VX012535.D

Acq: 19 Sep 2019 17:54

Instrument :

MSVOA_X

ClientSampleId :

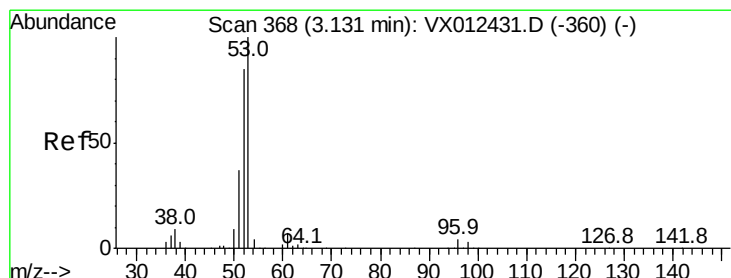
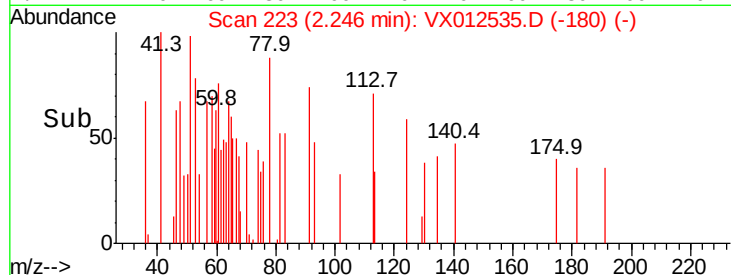
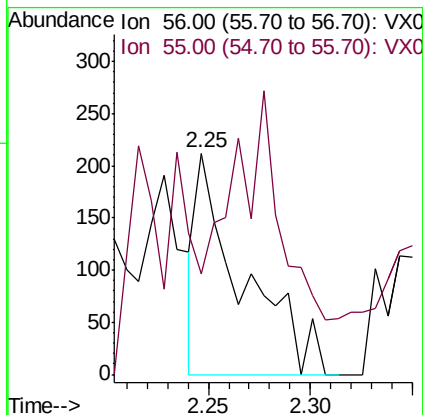
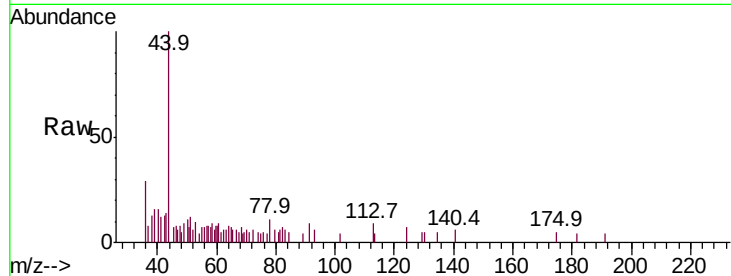
Z2-0157DL

Tot Ion: 56 Resp: 330

Ion Ratio Lower Upper

56 100

55 0.0 55.8 83.8#



#15

Acrylonitrile

Concen: 0.500 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.02 min

Lab File: VX012535.D

Acq: 19 Sep 2019 17:54

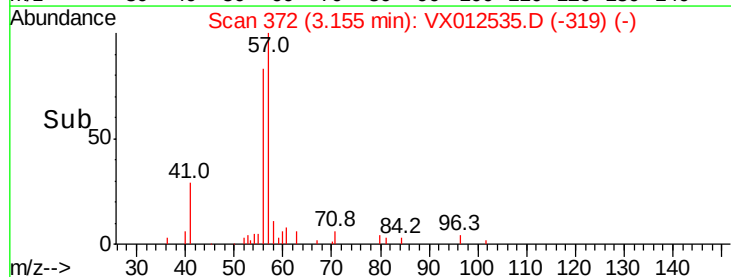
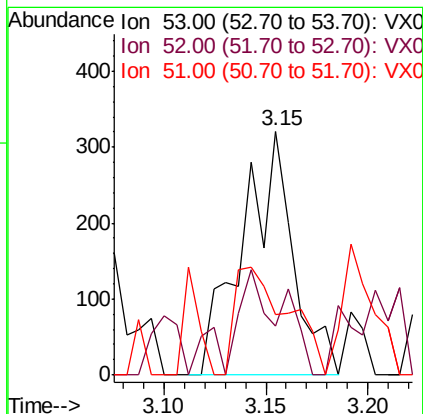
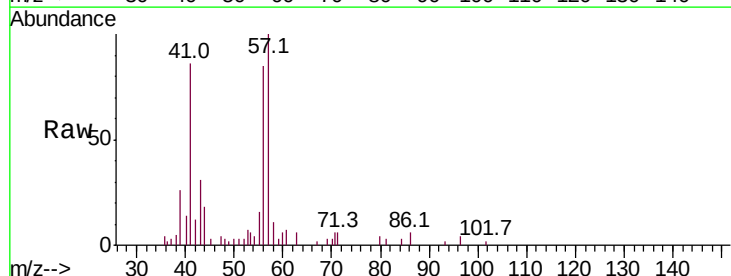
Tgt Ion: 53 Resp: 556

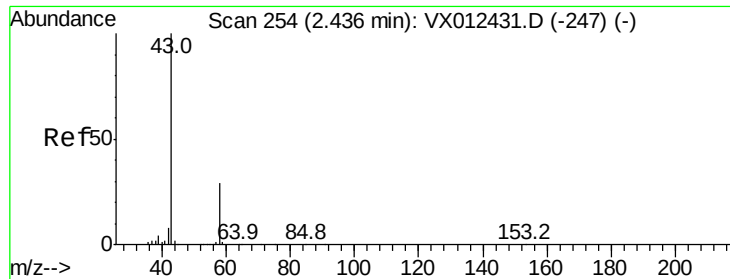
Ion Ratio Lower Upper

53 100

52 43.0 67.0 100.4#

51 46.0 29.6 44.4#





#16

Acetone

Concen: Below Cal

RT: 2.45 min Scan# 256

Delta R.T. 0.01 min

Lab File: VX012535.D

Acq: 19 Sep 2019 17:54

Instrument :

MSVOA_X

ClientSampled :

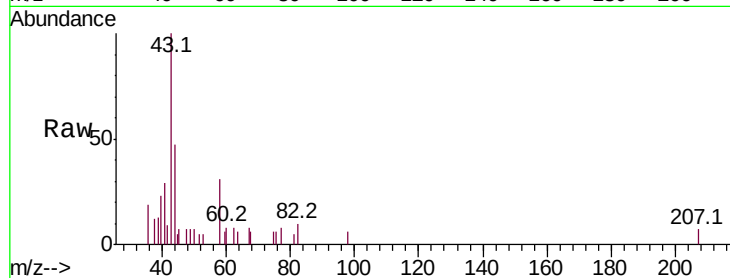
Z2-0157DL

Tot Ion: 43 Resp: 1644

Ion Ratio Lower Upper

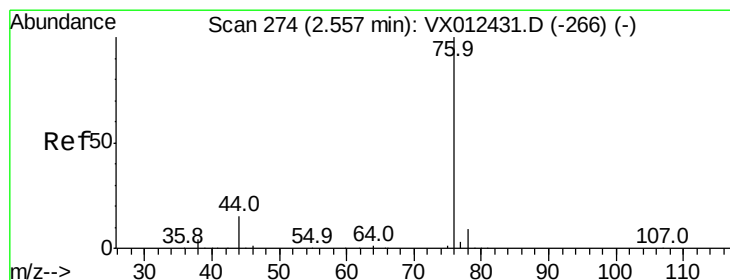
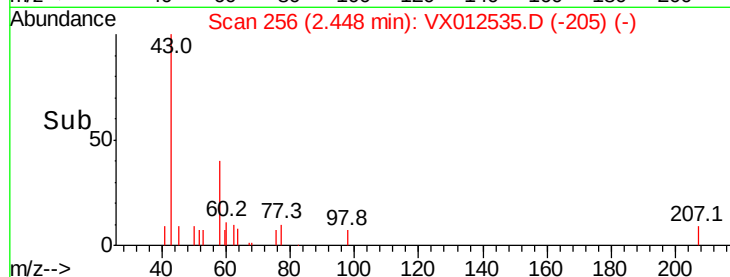
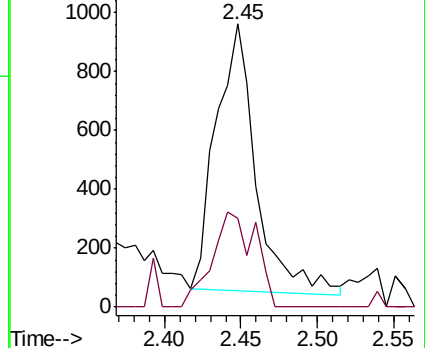
43 100

58 33.5 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: 1.947 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX012535.D

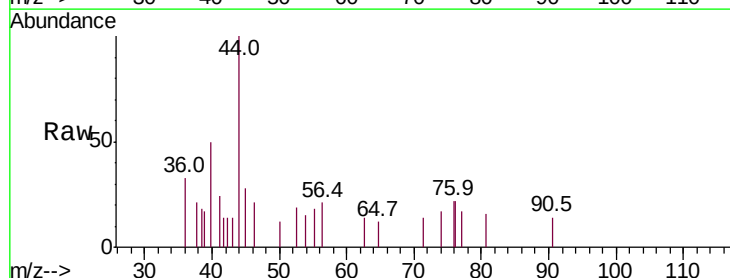
Acq: 19 Sep 2019 17:54

Tgt Ion: 76 Resp: 232

Ion Ratio Lower Upper

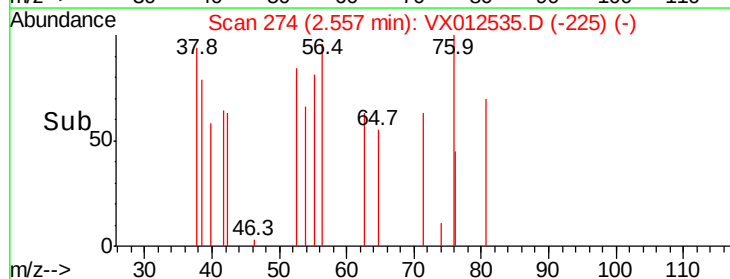
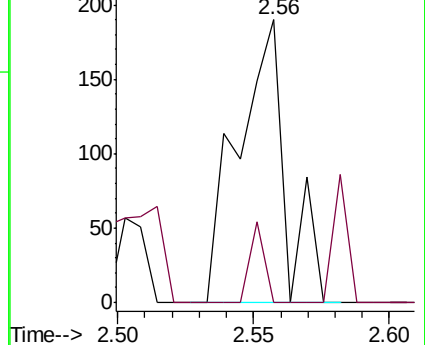
76 100

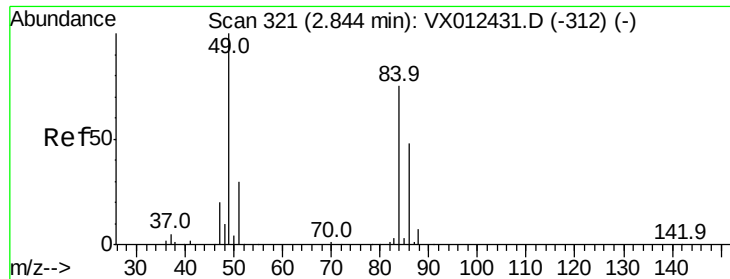
78 0.0 7.3 10.9#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

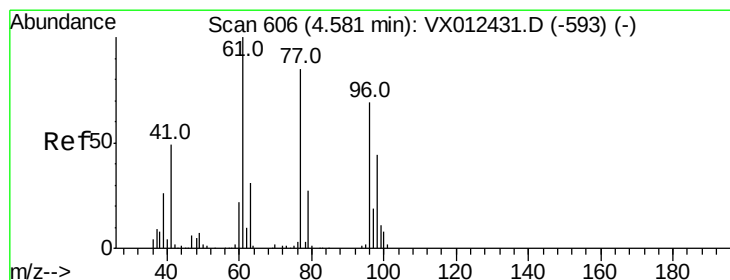
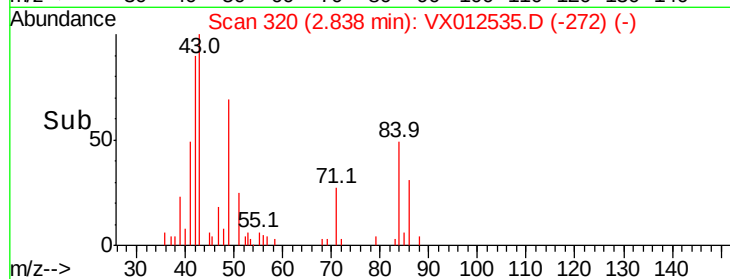
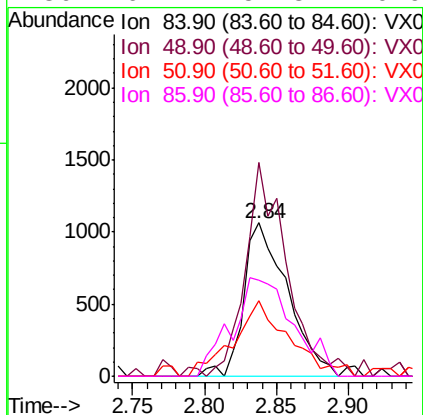
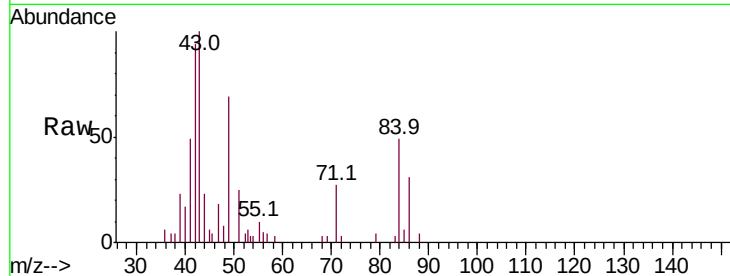




#20
Methylene Chloride
Concen: 1.436 ug/l
RT: 2.84 min Scan# 320
Delta R.T. -0.01 min
Lab File: VX012535.D
Acq: 19 Sep 2019 17:54

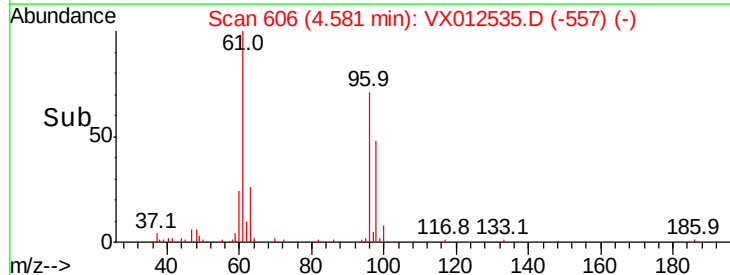
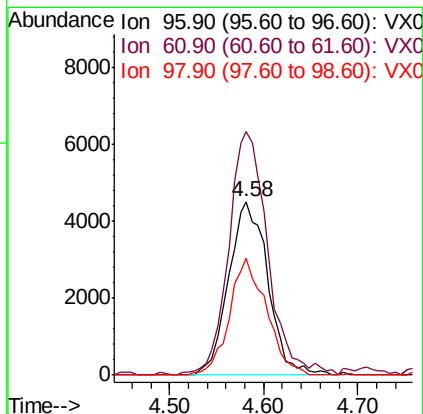
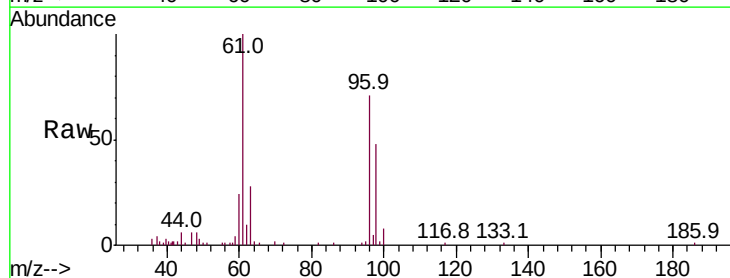
Instrument :
MSVOA_X
ClientSampleId :
Z2-0157DL

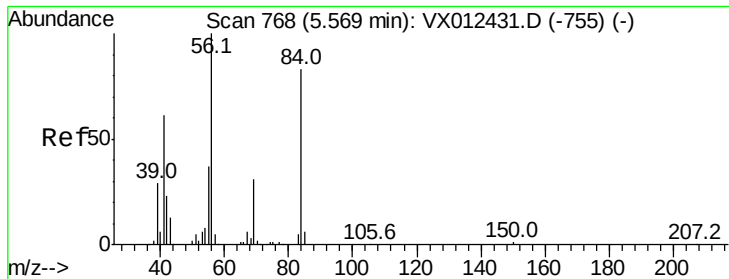
Tot Ion: 84 Resp: 2231
Ion Ratio Lower Upper
84 100
49 133.6 106.8 160.2
51 44.0 32.3 48.5
86 62.7 51.3 76.9



#27
cis-1,2-Dichloroethene
Concen: 7.483 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.00 min
Lab File: VX012535.D
Acq: 19 Sep 2019 17:54

Tgt Ion: 96 Resp: 13071
Ion Ratio Lower Upper
96 100
61 140.6 0.0 319.4
98 64.1 0.0 130.6

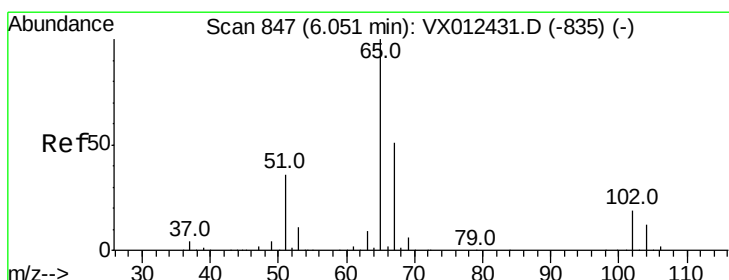
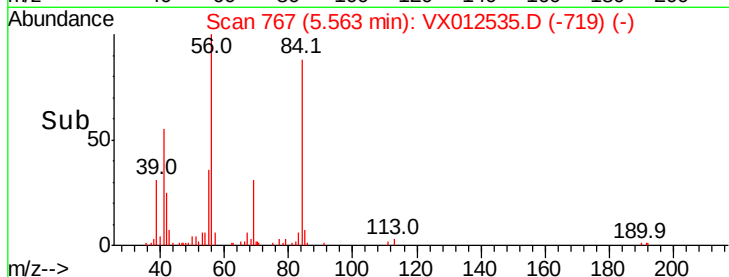
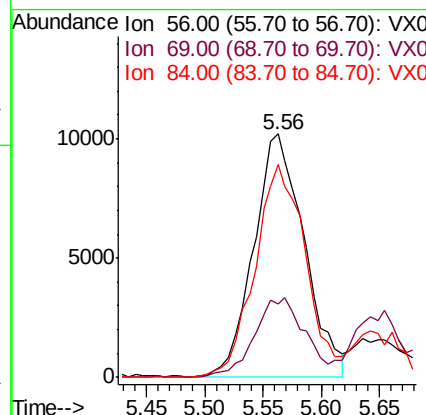
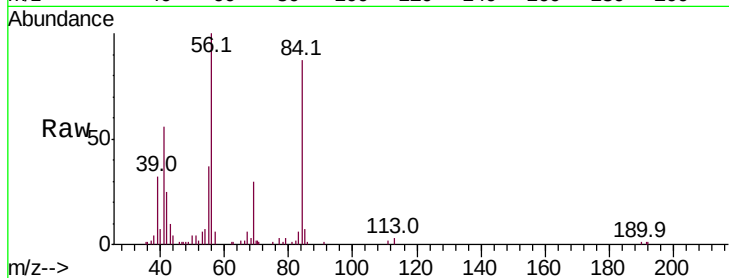




#31
Cyclohexane
Concen: 17.355 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX012535.D
Acq: 19 Sep 2019 17:54

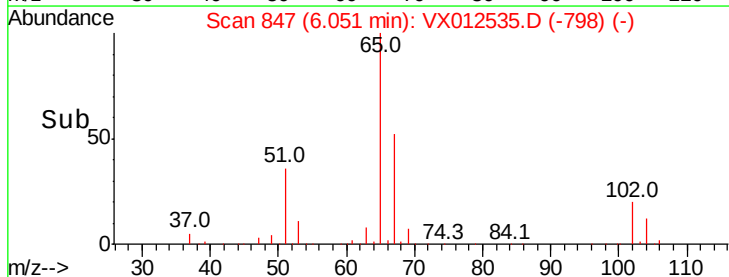
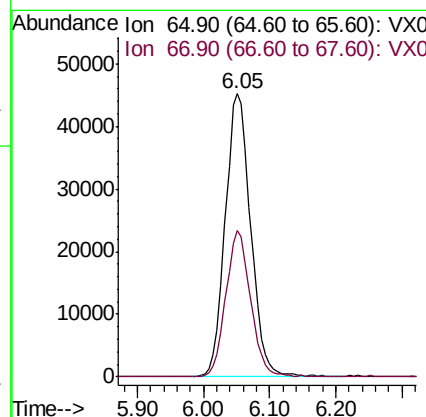
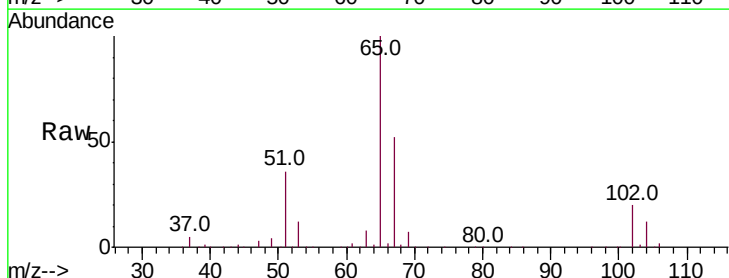
Instrument :
MSVOA_X
ClientSampled :
Z2-0157DL

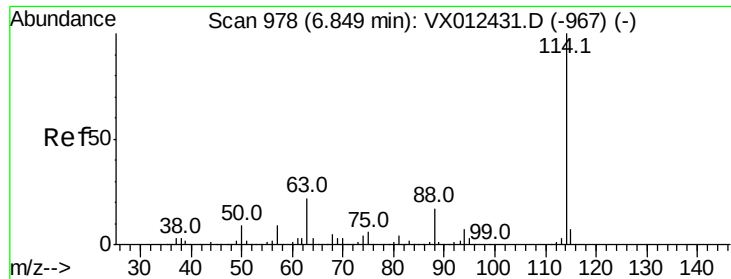
Tot Ion	56	Resp	30767
Ion Ratio	Lower	Upper	
56	100		
69	30.3	25.0	37.6
84	87.4	66.4	99.6



#33
1,2-Dichloroethane-d4
Concen: 46.928 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX012535.D
Acq: 19 Sep 2019 17:54

Tgt Ion	65	Resp	120456
Ion Ratio	Lower	Upper	
65	100		
67	50.2	0.0	101.2

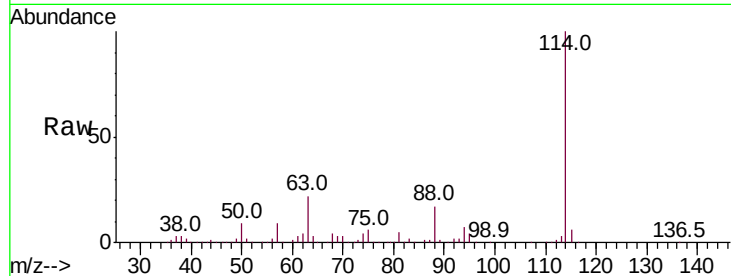




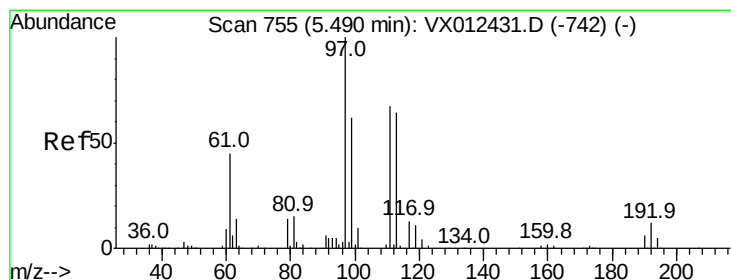
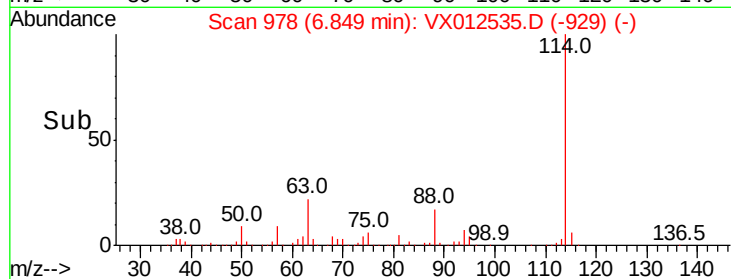
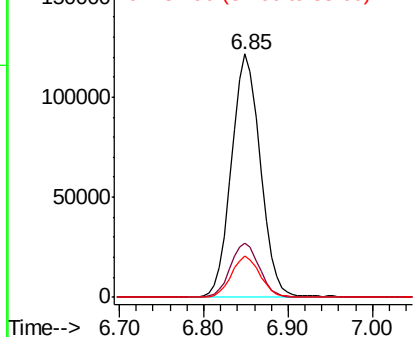
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012535.D
 Acq: 19 Sep 2019 17:54

Instrument :
 MSVOA_X
 ClientSampleId :
 Z2-0157DL

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	43.2
88	16.8	0.0	33.2

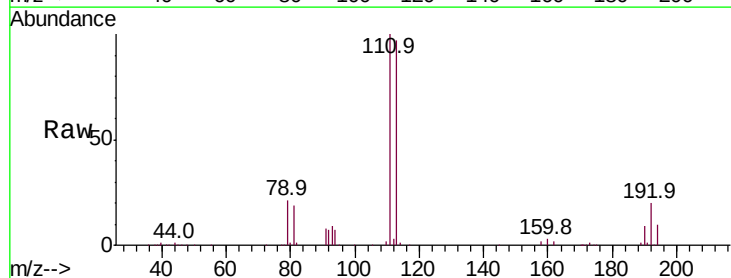


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

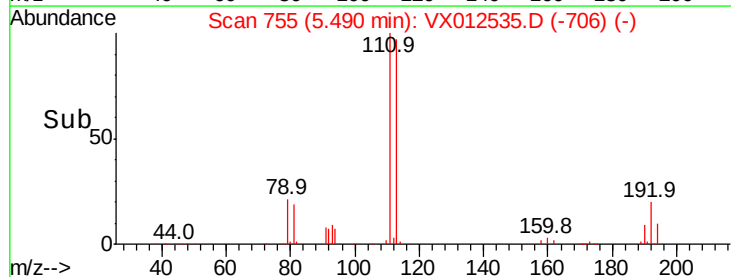
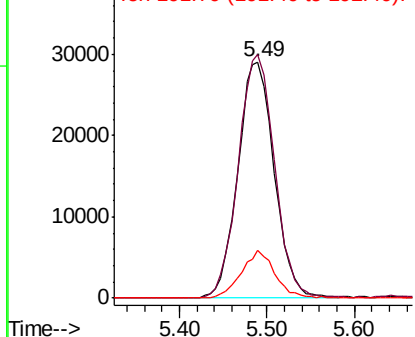


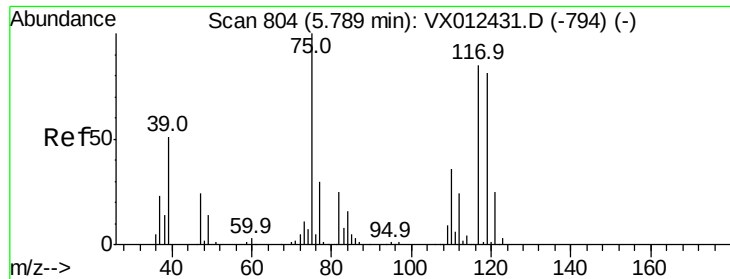
#35
 Dibromofluoromethane
 Concen: 49.157 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. -0.00 min
 Lab File: VX012535.D
 Acq: 19 Sep 2019 17:54

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.8	83.4	125.2
192	18.5	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

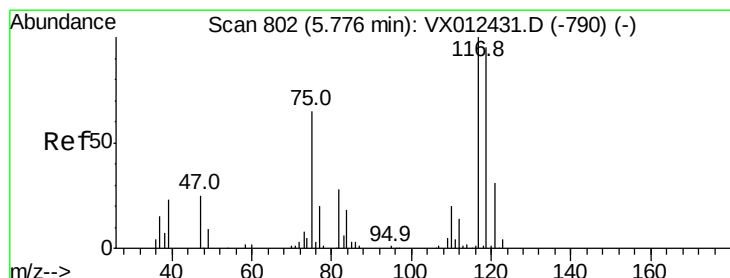
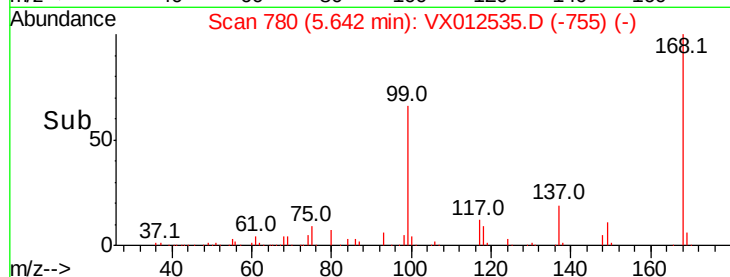
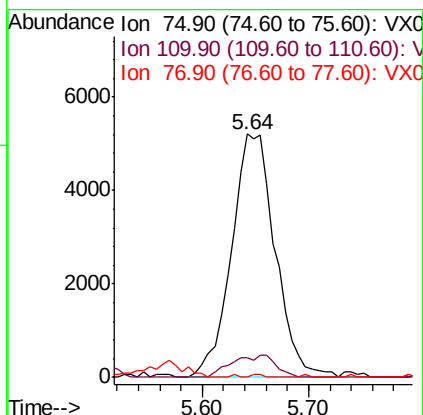
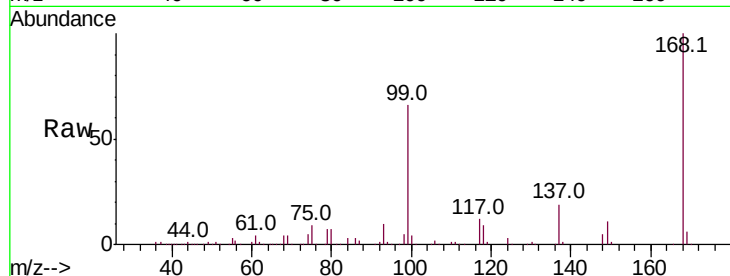




#36
 1,1-Dichloropropene
 Concen: 8.702 ug/l
 RT: 5.64 min Scan# 780
 Delta R.T. -0.15 min
 Lab File: VX012535.D
 Acq: 19 Sep 2019 17:54

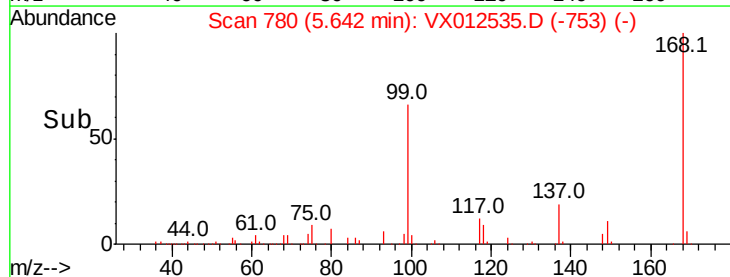
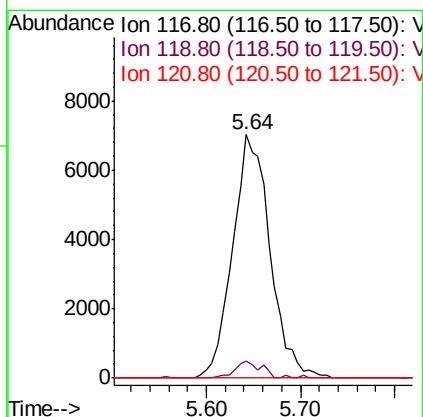
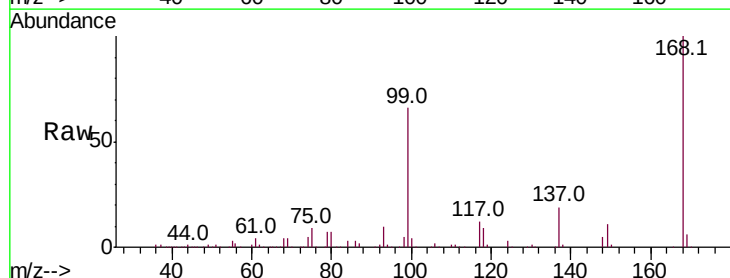
Instrument :
 MSVOA_X
 ClientSampleId :
 Z2-0157DL

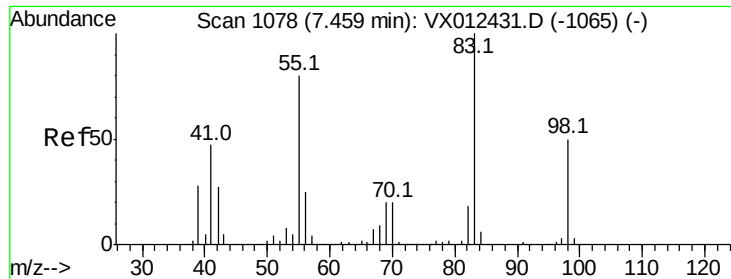
Tot Ion: 75 Resp: 14967
 Ion Ratio Lower Upper
 75 100
 110 9.2 16.7 50.0#
 77 0.3 24.2 36.2#



#38
 Carbon Tetrachloride
 Concen: 9.087 ug/l
 RT: 5.64 min Scan# 780
 Delta R.T. -0.13 min
 Lab File: VX012535.D
 Acq: 19 Sep 2019 17:54

Tgt Ion: 117 Resp: 19438
 Ion Ratio Lower Upper
 117 100
 119 7.1 75.7 113.5#
 121 0.0 24.2 36.4#

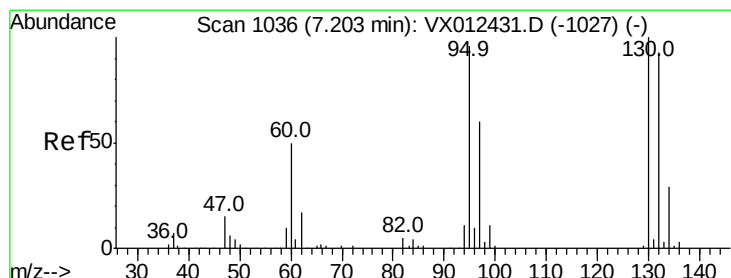
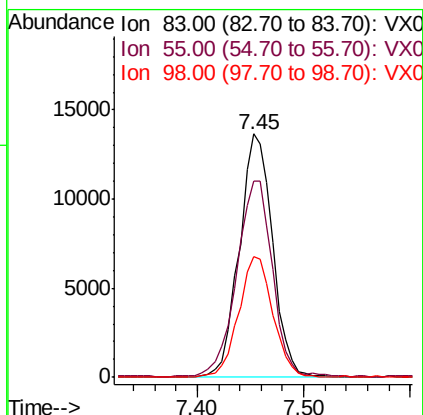
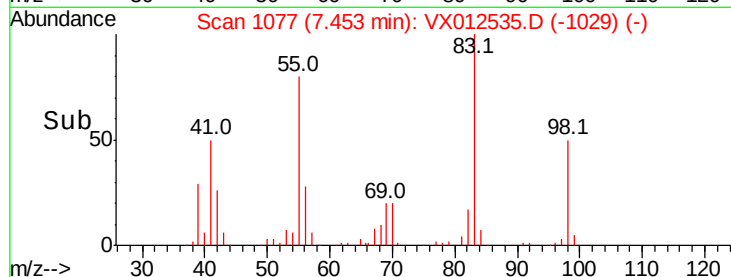
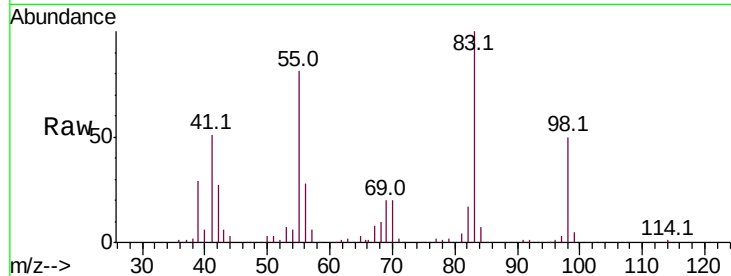




#39
Methylvlcyclohexane
Concen: 17.915 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX012535.D
Acq: 19 Sep 2019 17:54

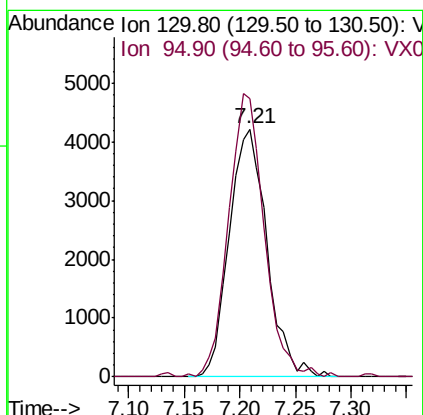
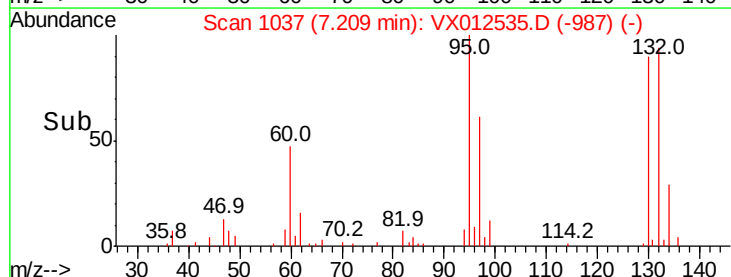
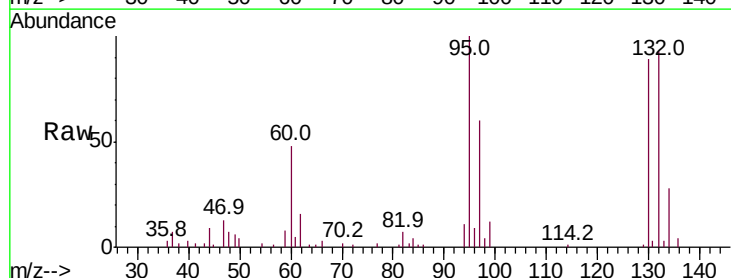
Instrument :
MSVOA_X
ClientSampleId :
Z2-0157DL

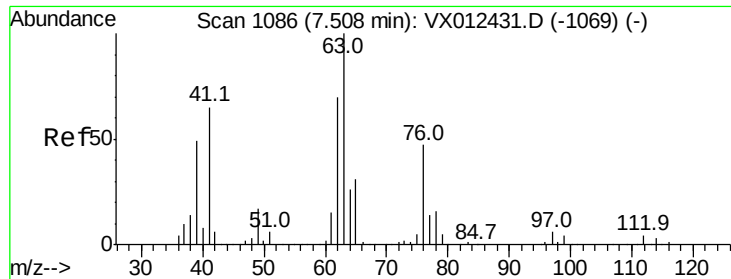
Tot Ion: 83 Resp: 29954
Ion Ratio Lower Upper
83 100
55 80.2 64.4 96.6
98 49.8 40.1 60.1



#44
Trichloroethene
Concen: 6.888 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VX012535.D
Acq: 19 Sep 2019 17:54

Tgt Ion:130 Resp: 9910
Ion Ratio Lower Upper
130 100
95 112.2 0.0 193.0





#45

1,2-Dichloropropane

Concen: 0.423 ug/l

RT: 7.46 min Scan# 1078

Delta R.T. -0.05 min

Lab File: VX012535.D

Acq: 19 Sep 2019 17:54

Instrument :

MSVOA_X

ClientSampled :

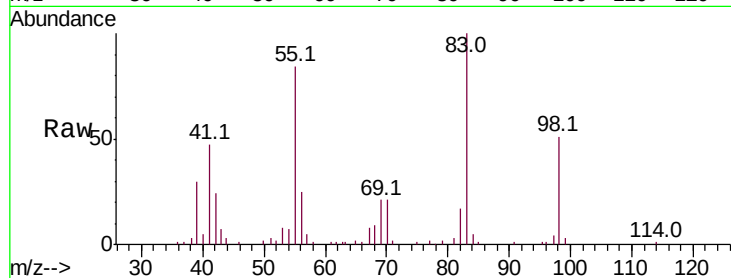
Z2-0157DL

Tot Ion: 63 Resp: 711

Ion Ratio Lower Upper

63 100

65 75.5 25.0 37.6#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

600

500

400

300

200

100

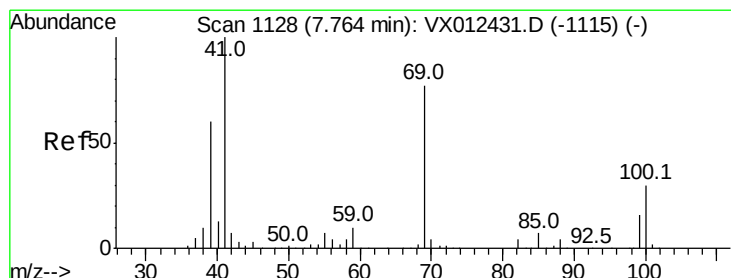
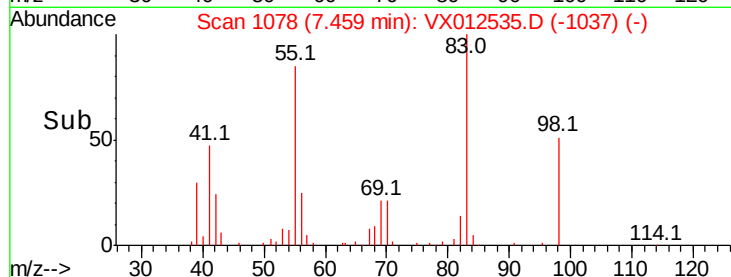
0

7.40

7.45

7.50

Time-->



#48

Methyl methacrylate

Concen: 1.030 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.04 min

Lab File: VX012535.D

Acq: 19 Sep 2019 17:54

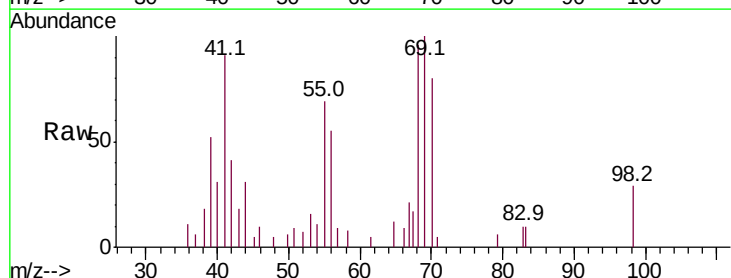
Tgt Ion: 41 Resp: 2300

Ion Ratio Lower Upper

41 100

69 116.3 59.9 89.9#

39 69.4 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

1500

1000

500

0

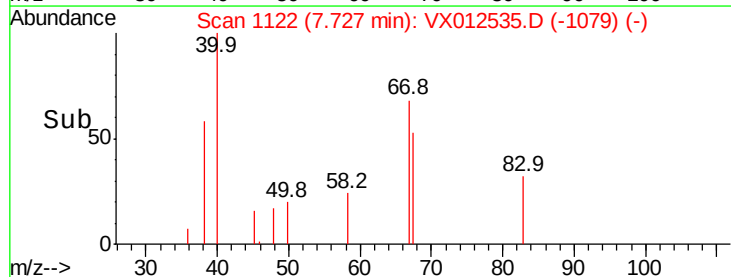
7.65

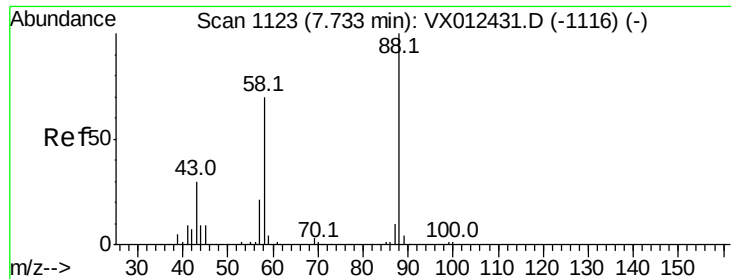
7.70

7.75

7.80

Time-->

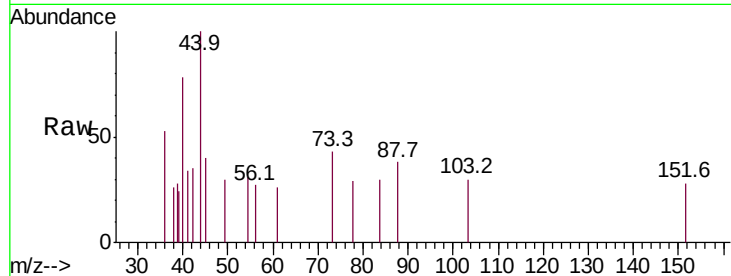




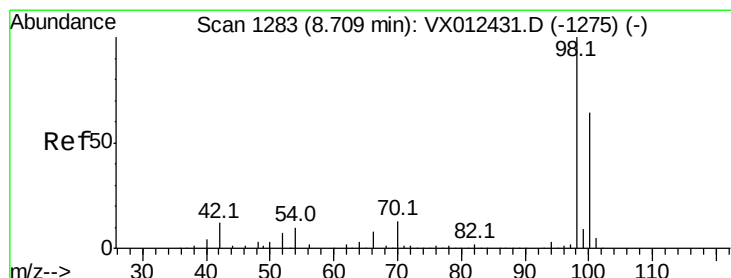
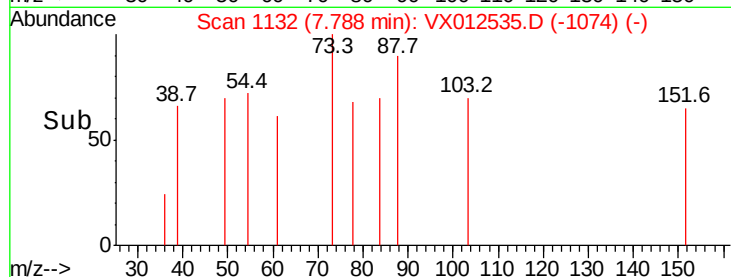
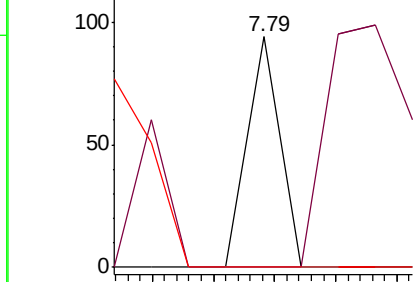
#49
1,4-Dioxane
Concen: 0.625 ug/l
RT: 7.79 min Scan# 1132
Delta R.T. 0.05 min
Lab File: VX012535.D
Acq: 19 Sep 2019 17:54

Instrument :
MSVOA_X
ClientSampled :
Z2-0157DL

Tot Ion: 88 Resp: 34
Ion Ratio Lower Upper
88 100
43 0.0 29.4 44.0#
58 0.0 57.5 86.3#

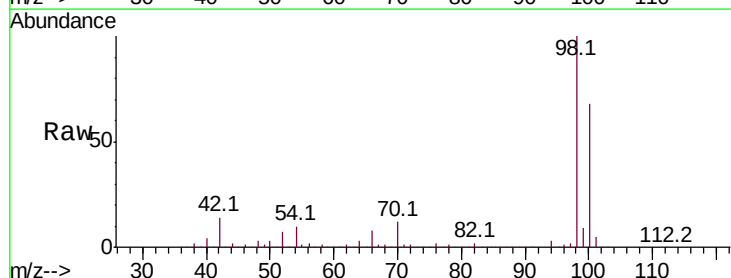


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

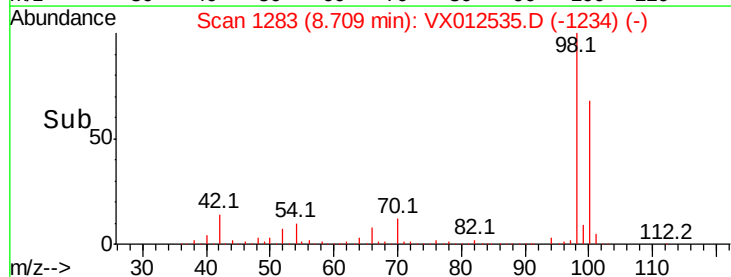
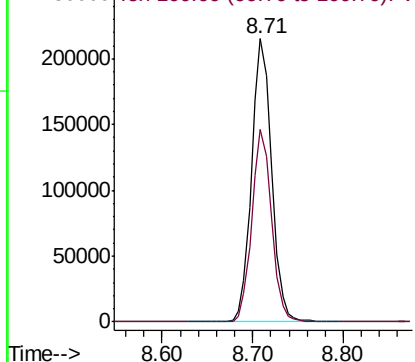


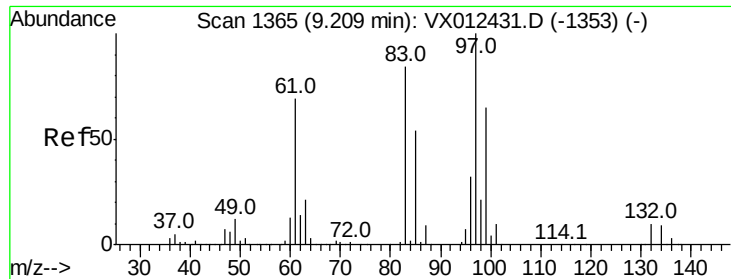
#50
Toluene-d8
Concen: 51.994 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012535.D
Acq: 19 Sep 2019 17:54

Tgt Ion: 98 Resp: 329645
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

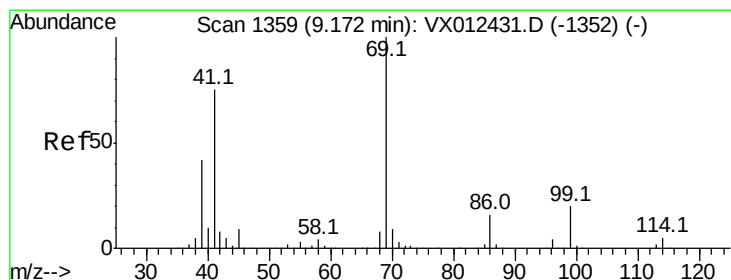
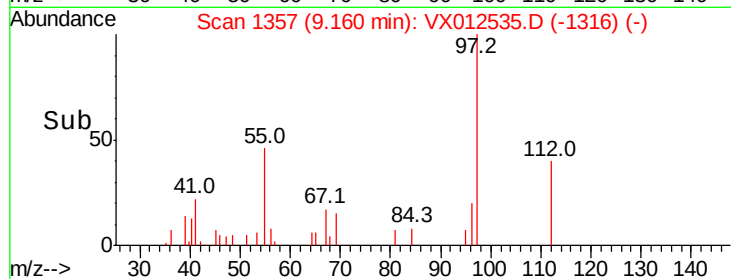
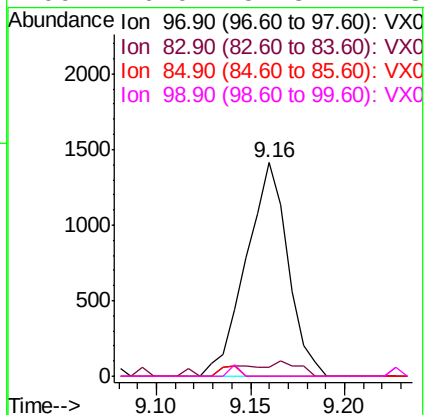
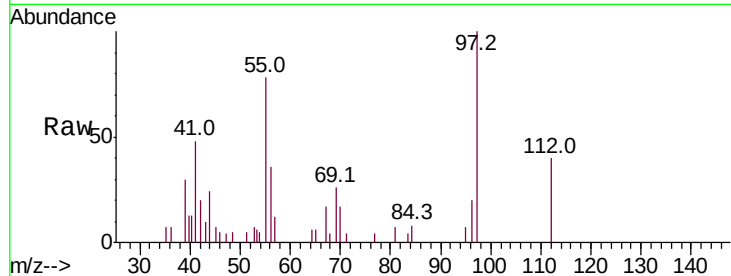




#55
1,1,2-Trichloroethane
Concen: 1.197 ug/l
RT: 9.16 min Scan# 1357
Delta R.T. -0.05 min
Lab File: VX012535.D
Acq: 19 Sep 2019 17:54

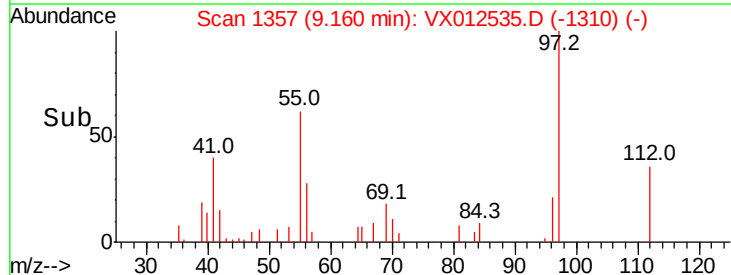
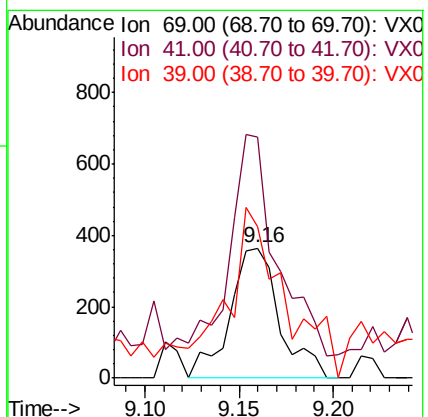
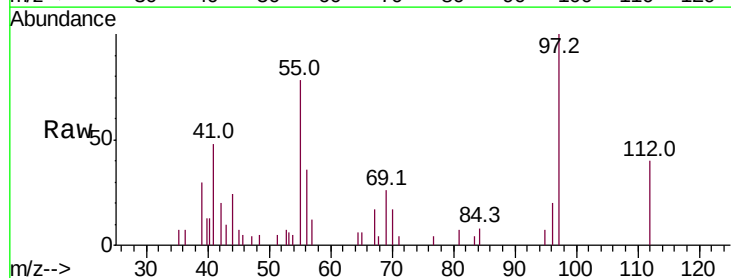
Instrument :
MSVOA_X
ClientSampleId :
Z2-0157DL

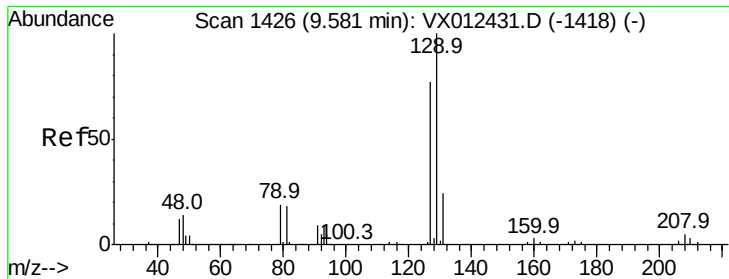
Tot Ion: 97 Resp: 2174
Ion Ratio Lower Upper
97 100
83 4.2 67.4 101.2#
85 0.0 43.5 65.3#
99 0.0 51.8 77.8#



#56
Ethyl methacrylate
Concen: 0.234 ug/l
RT: 9.16 min Scan# 1357
Delta R.T. -0.01 min
Lab File: VX012535.D
Acq: 19 Sep 2019 17:54

Tgt Ion: 69 Resp: 665
Ion Ratio Lower Upper
69 100
41 156.8 58.4 87.6#
39 150.2 33.4 50.0#





#60

Dibromochloromethane

Concen: 14.613 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.25 min

Lab File: VX012535.D

Acq: 19 Sep 2019 17:54

Instrument :

MSVOA_X

ClientSampleId :

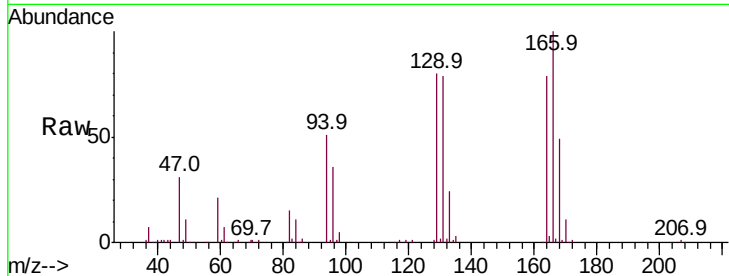
Z2-0157DL

Tot Ion:129 Resp: 27026

Ion Ratio Lower Upper

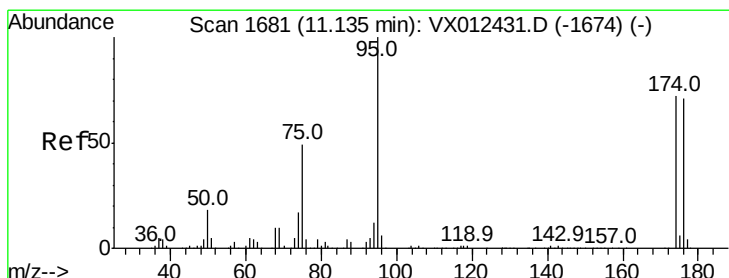
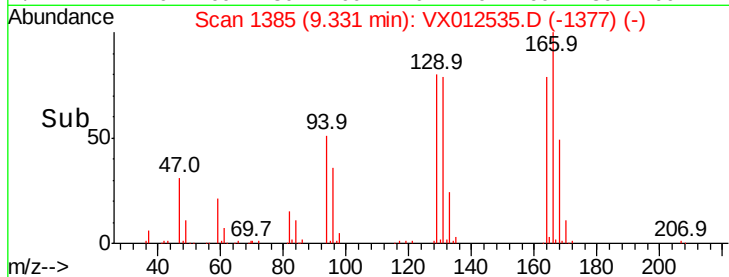
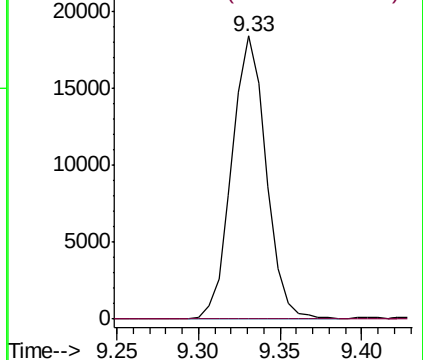
129 100

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



#62

4-Bromofluorobenzene

Concen: 46.655 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012535.D

Acq: 19 Sep 2019 17:54

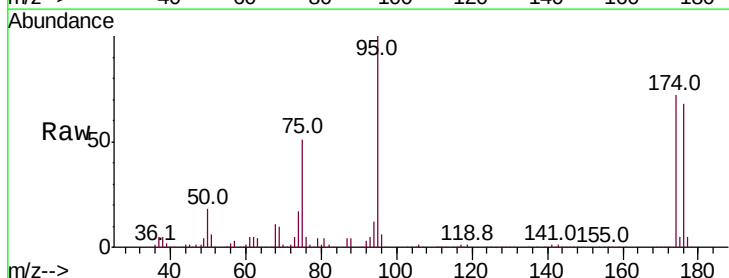
Tgt Ion: 95 Resp: 122817

Ion Ratio Lower Upper

95 100

174 70.3 0.0 140.0

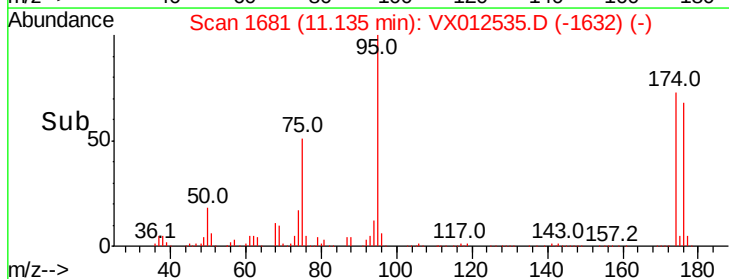
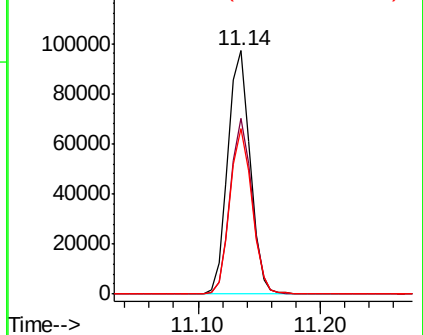
176 67.3 0.0 135.4

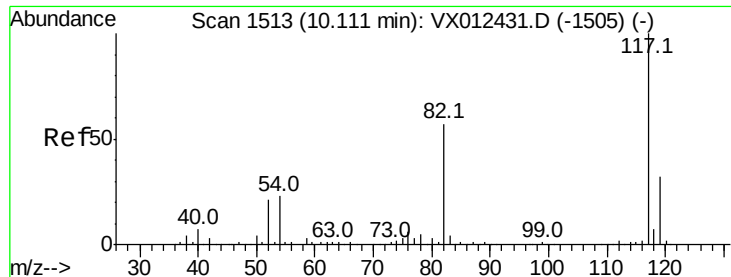


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

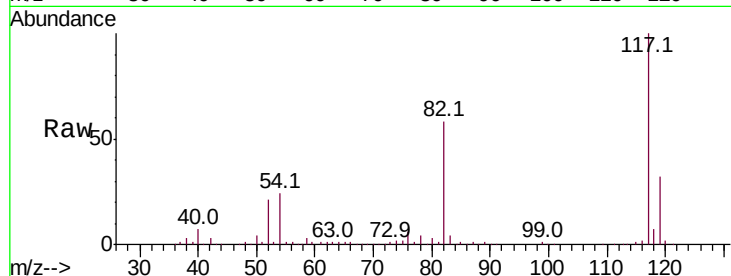




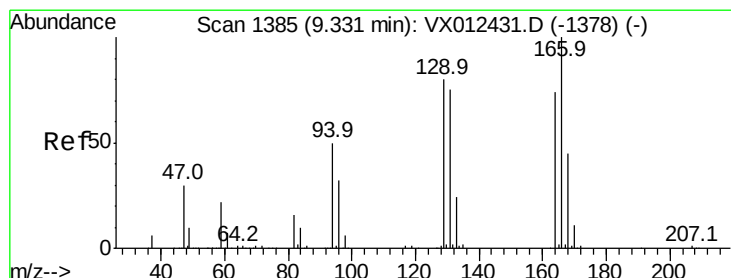
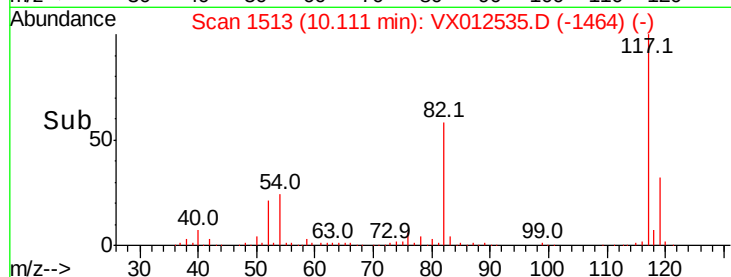
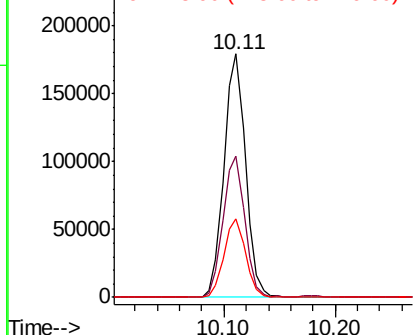
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012535.D
Acq: 19 Sep 2019 17:54

Instrument :
MSVOA_X
ClientSampleId :
Z2-0157DL

Tot Ion:117 Resp: 240814
Ion Ratio Lower Upper
117 100
82 57.9 45.9 68.9
119 32.1 25.3 37.9

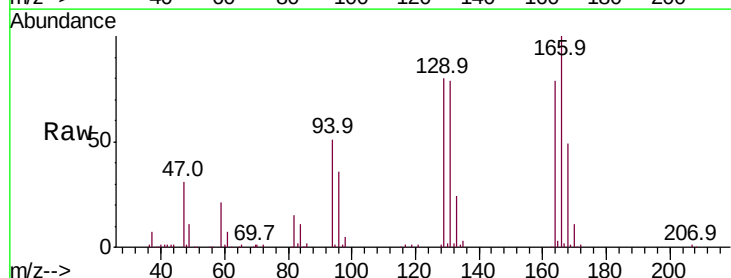


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

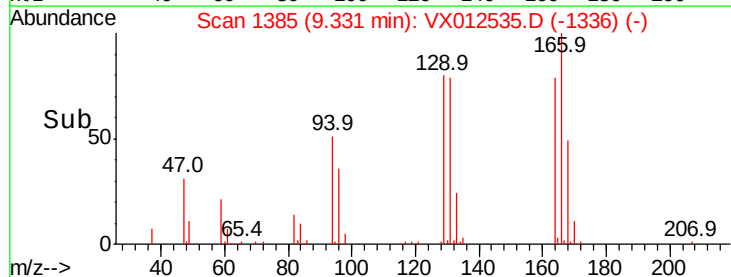
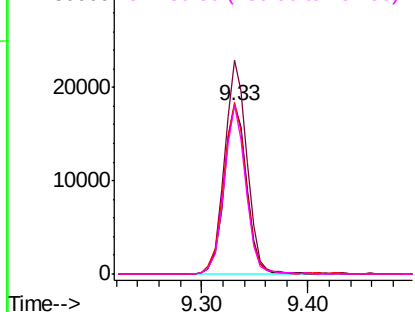


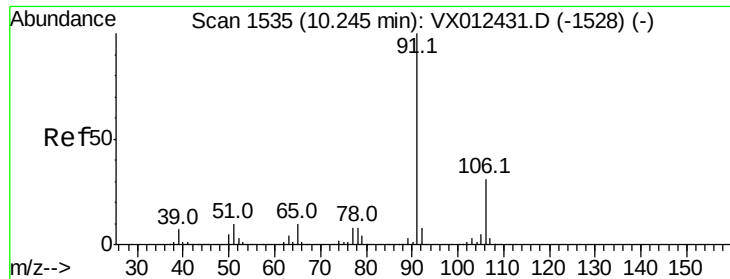
#64
Tetrachloroethene
Concen: 24.430 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012535.D
Acq: 19 Sep 2019 17:54

Tgt Ion:164 Resp: 26958
Ion Ratio Lower Upper
164 100
166 126.8 107.8 161.6
129 102.0 86.2 129.2
131 100.3 80.4 120.6



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

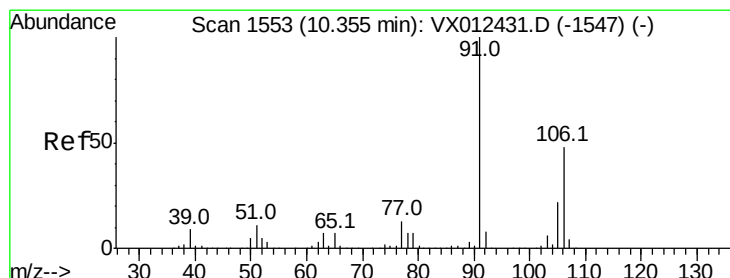
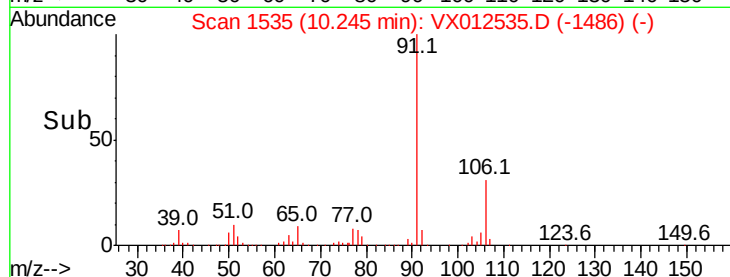
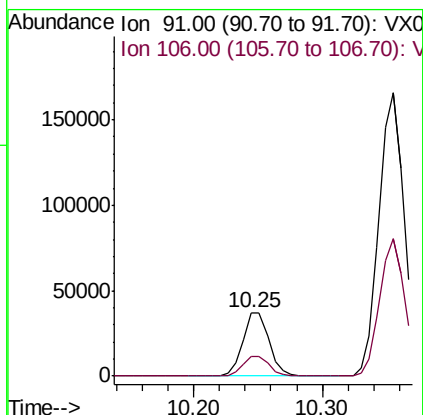
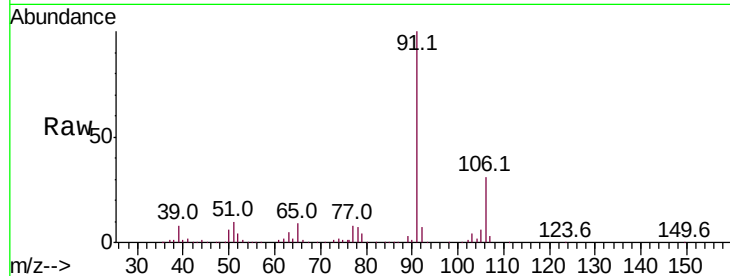




#67
Ethyl Benzene
Concen: 7.632 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX012535.D
Acq: 19 Sep 2019 17:54

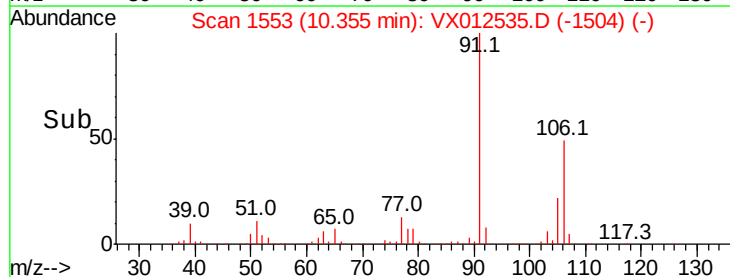
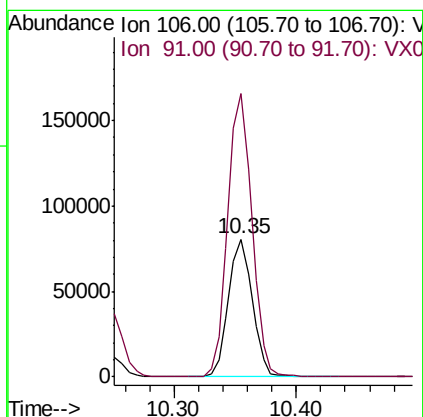
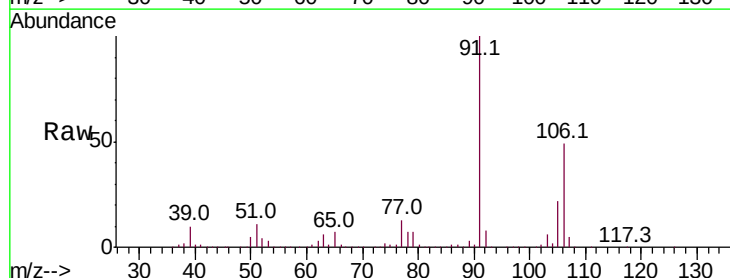
Instrument :
MSVOA_X
ClientSampleId :
Z2-0157DL

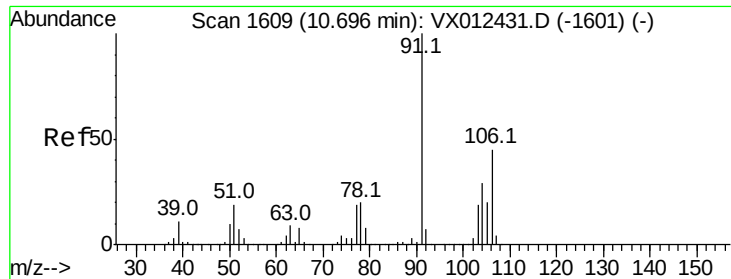
Tot Ion: 91 Resp: 52113
Ion Ratio Lower Upper
91 100
106 30.8 24.6 37.0



#68
m/p-Xylenes
Concen: 43.911 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX012535.D
Acq: 19 Sep 2019 17:54

Tgt Ion: 106 Resp: 109101
Ion Ratio Lower Upper
106 100
91 207.9 166.6 250.0

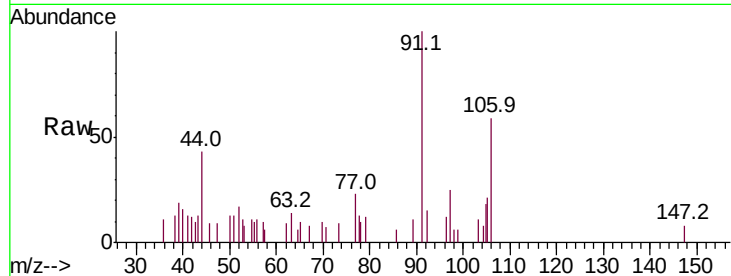




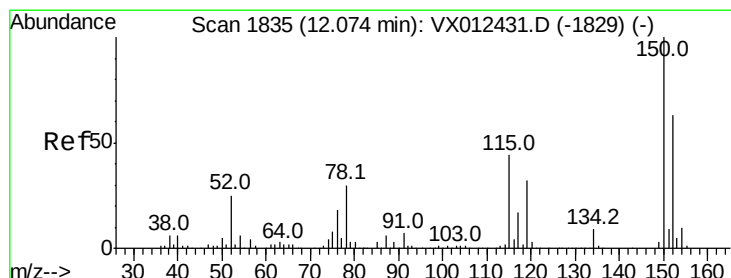
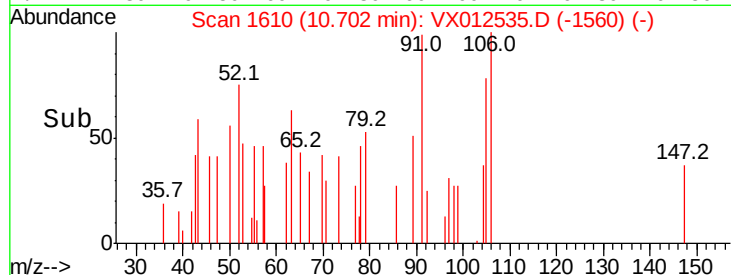
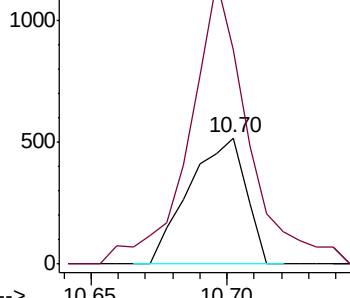
#69
o-Xylene
Concen: 0.292 ug/l
RT: 10.70 min Scan# 1610
Delta R.T. 0.01 min
Lab File: VX012535.D
Acq: 19 Sep 2019 17:54

Instrument :
MSVOA_X
ClientSampleId :
Z2-0157DL

Tot Ion:106 Resp: 747
Ion Ratio Lower Upper
106 100
91 230.8 109.4 328.2

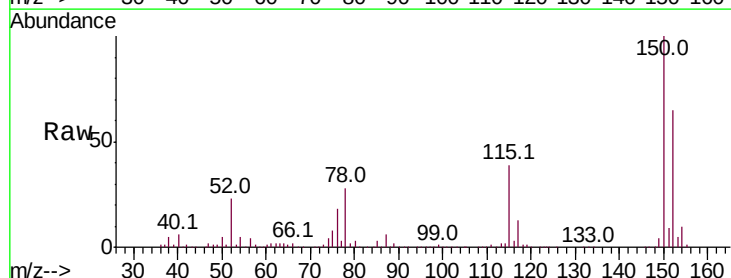


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

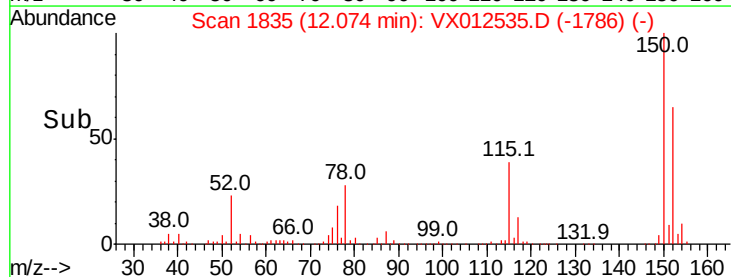
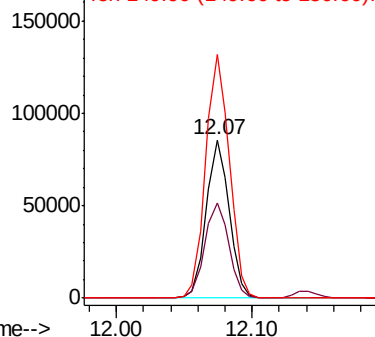


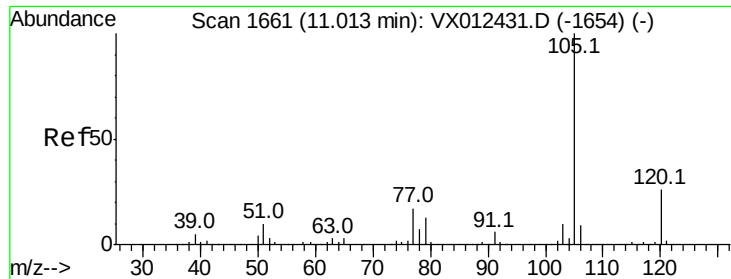
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012535.D
Acq: 19 Sep 2019 17:54

Tgt Ion:152 Resp: 100702
Ion Ratio Lower Upper
152 100
115 62.9 44.1 132.3
150 159.1 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

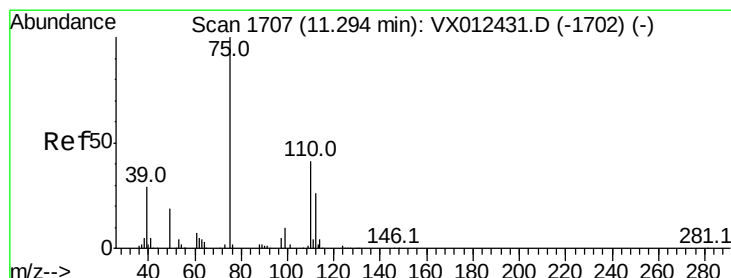
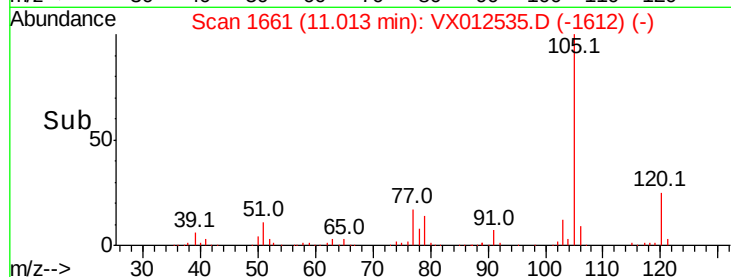
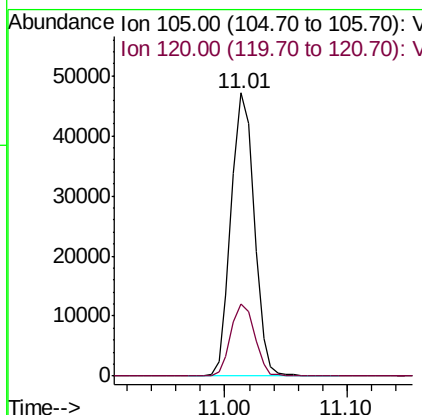
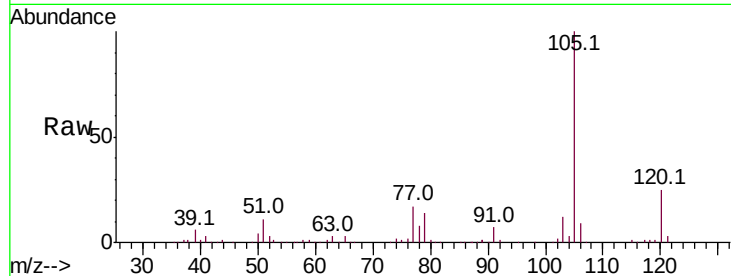




#73
Isopropylbenzene
Concen: 9.815 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX012535.D
Acq: 19 Sep 2019 17:54

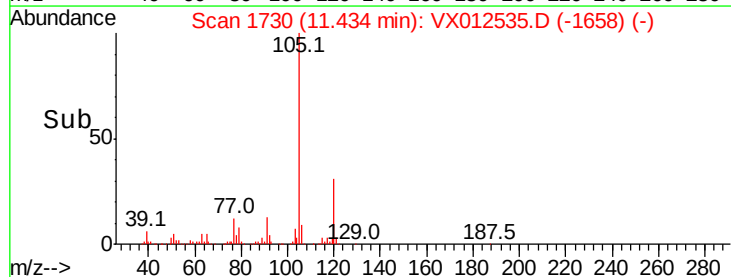
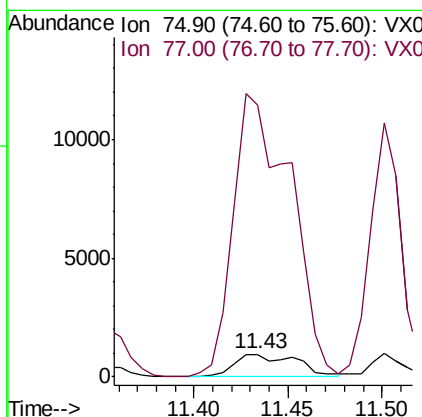
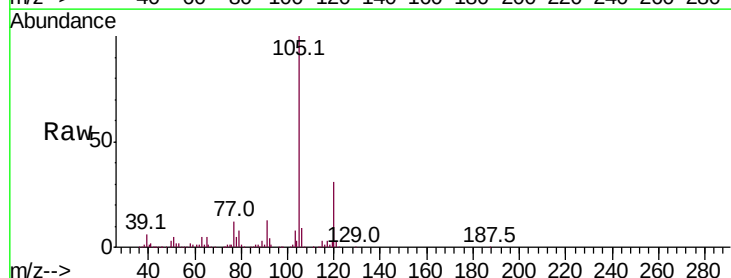
Instrument :
MSVOA_X
ClientSampleId :
Z2-0157DL

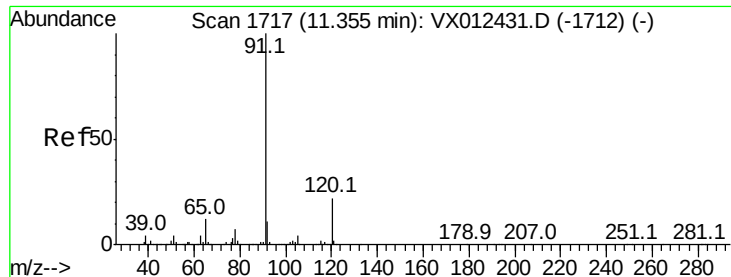
Tot Ion:105 Resp: 62018
Ion Ratio Lower Upper
105 100
120 26.5 12.9 38.7



#76
1,2,3-Trichloropropane
Concen: 0.947 ug/l
RT: 11.43 min Scan# 1730
Delta R.T. 0.14 min
Lab File: VX012535.D
Acq: 19 Sep 2019 17:54

Tgt Ion: 75 Resp: 2190
Ion Ratio Lower Upper
75 100
77 1148.0 19.7 59.0#





#78

n-propylbenzene

Concen: 8.636 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX012535.D

Acq: 19 Sep 2019 17:54

Instrument :

MSVOA_X

ClientSampleId :

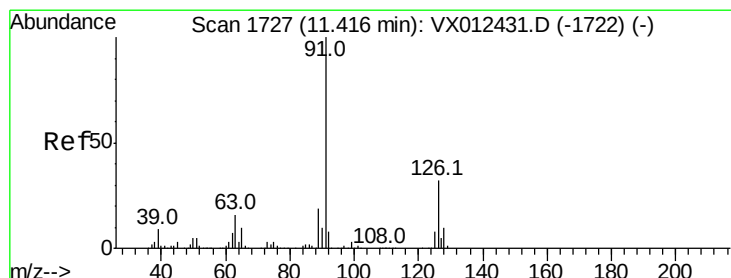
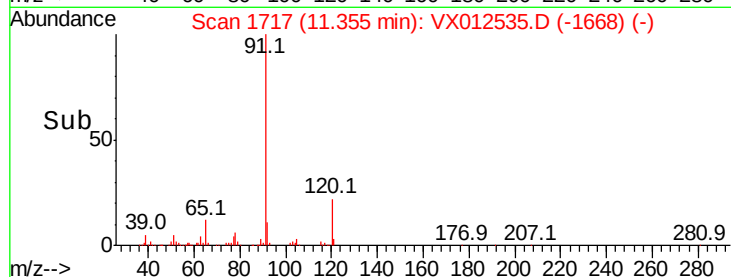
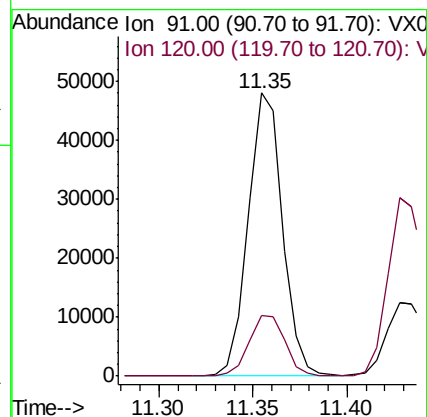
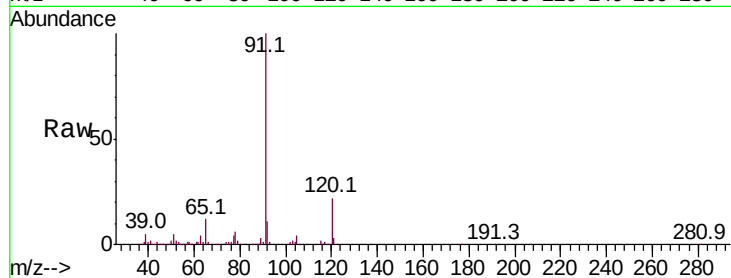
Z2-0157DL

Tot Ion: 91 Resp: 60819

Ion Ratio Lower Upper

91 100

120 22.5 11.3 33.8



#79

2-Chlorotoluene

Concen: 5.719 ug/l

RT: 11.43 min Scan# 1729

Delta R.T. 0.01 min

Lab File: VX012535.D

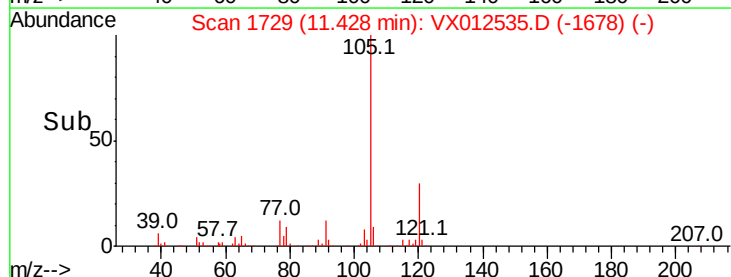
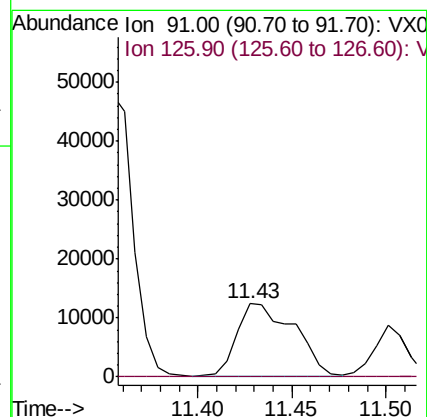
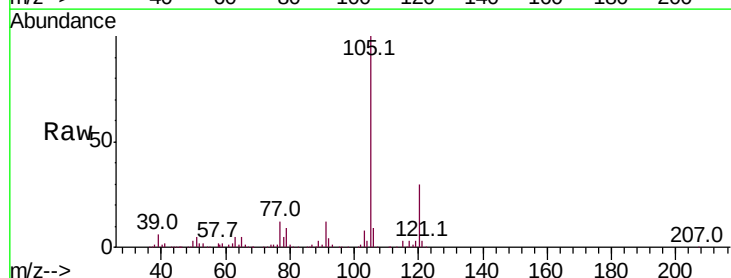
Acq: 19 Sep 2019 17:54

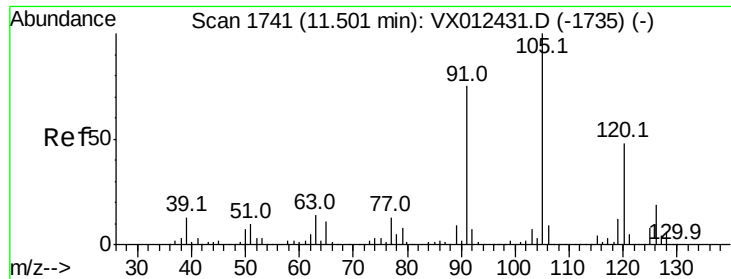
Tgt Ion: 91 Resp: 26203

Ion Ratio Lower Upper

91 100

126 0.0 16.4 49.4#

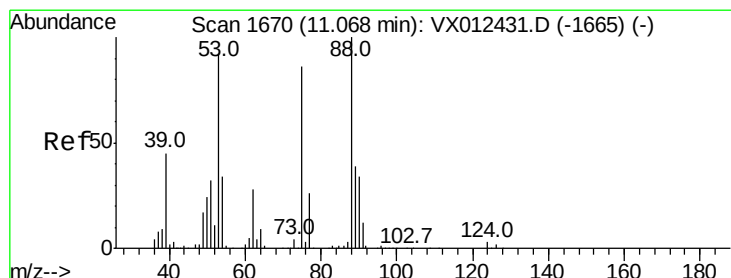
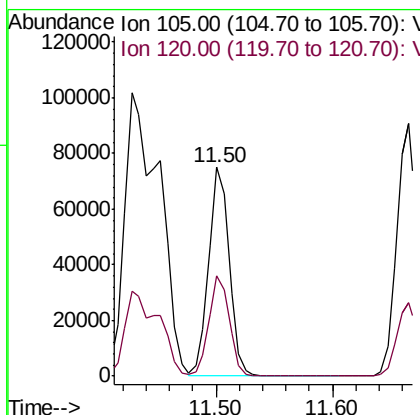
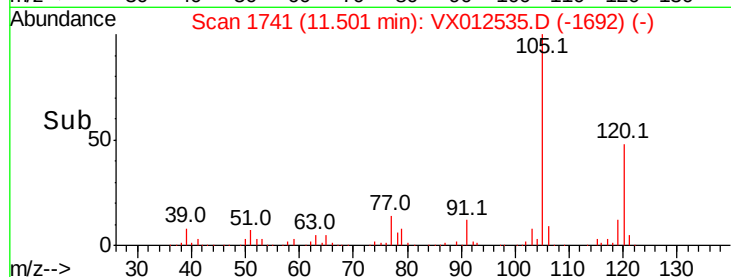
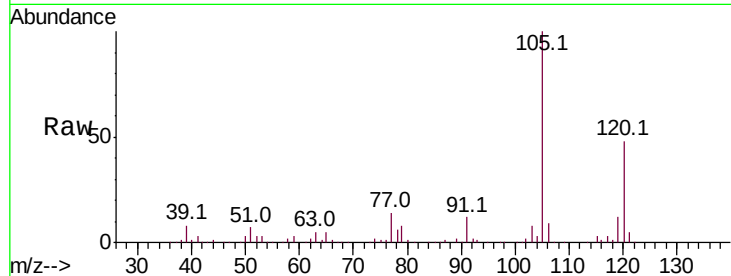




#80
 1,3,5-Trimethylbenzene
 Concen: 16.993 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX012535.D
 Acq: 19 Sep 2019 17:54

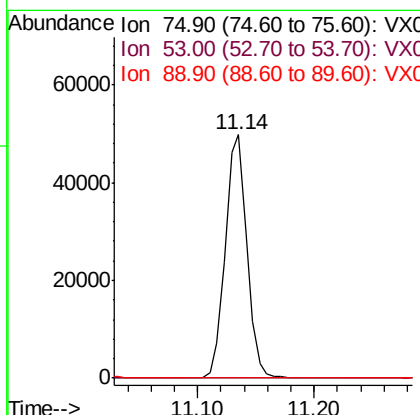
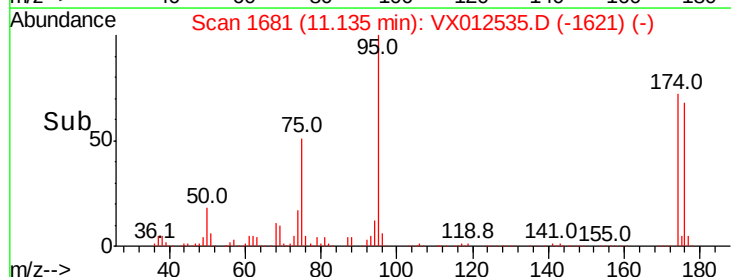
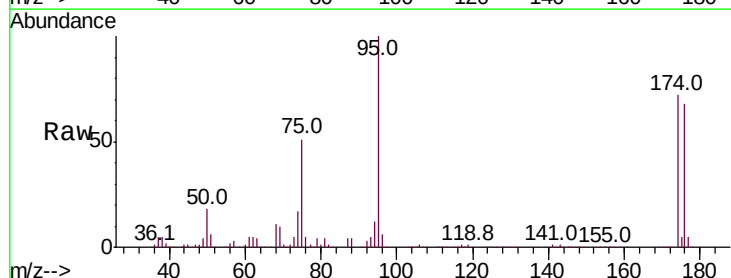
Instrument :
 MSVOA_X
 ClientSampled :
 Z2-0157DL

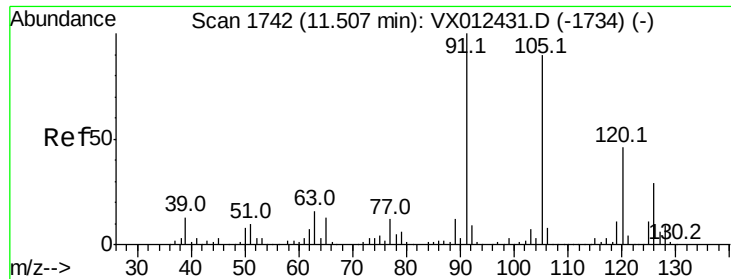
Tot Ion:105 Resp: 91567
 Ion Ratio Lower Upper
 105 100
 120 47.7 24.3 72.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.263 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. 0.07 min
 Lab File: VX012535.D
 Acq: 19 Sep 2019 17:54

Tgt Ion: 75 Resp: 63922
 Ion Ratio Lower Upper
 75 100
 53 0.0 83.6 125.4#
 89 0.0 36.3 54.5#

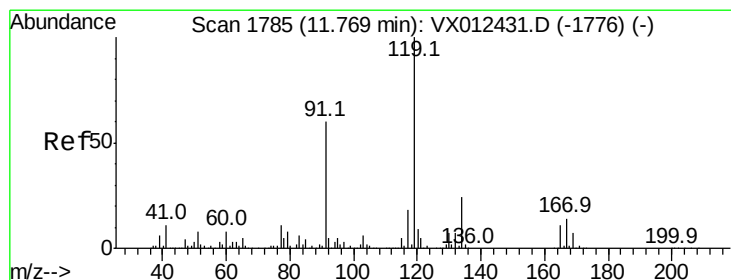
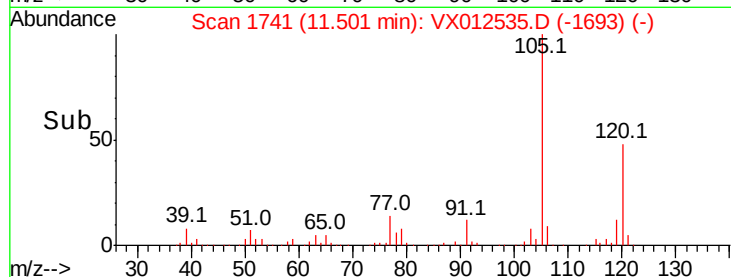
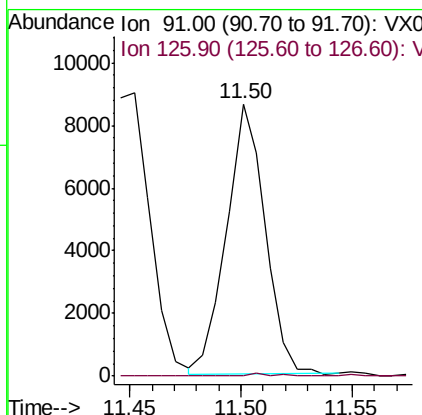
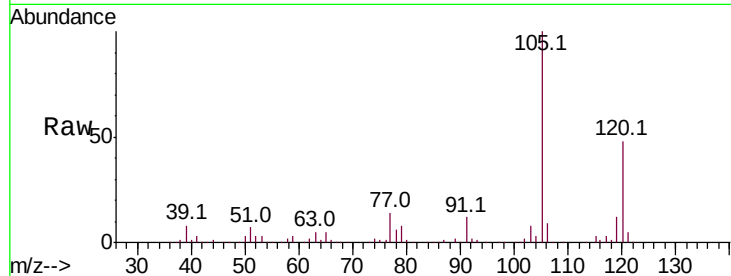




#82
4-Chlorotoluene
Concen: 1.958 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.01 min
Lab File: VX012535.D
Acq: 19 Sep 2019 17:54

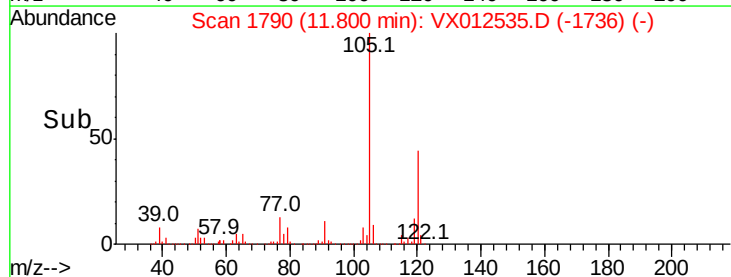
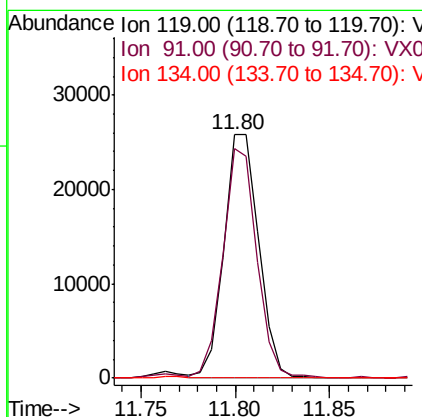
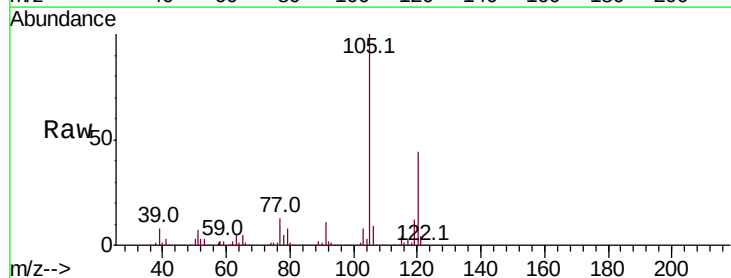
Instrument :
MSVOA_X
ClientSampled :
Z2-0157DL

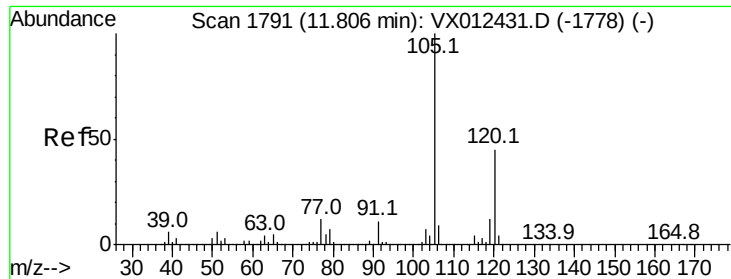
Tot Ion: 91 Resp: 10293
Ion Ratio Lower Upper
91 100
126 0.6 14.4 43.0#



#83
tert-Butylbenzene
Concen: 5.725 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.03 min
Lab File: VX012535.D
Acq: 19 Sep 2019 17:54

Tgt Ion: 119 Resp: 33057
Ion Ratio Lower Upper
119 100
91 94.1 30.0 90.0#
134 0.0 11.3 33.9#

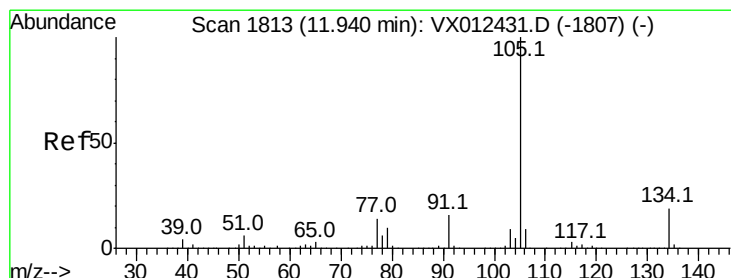
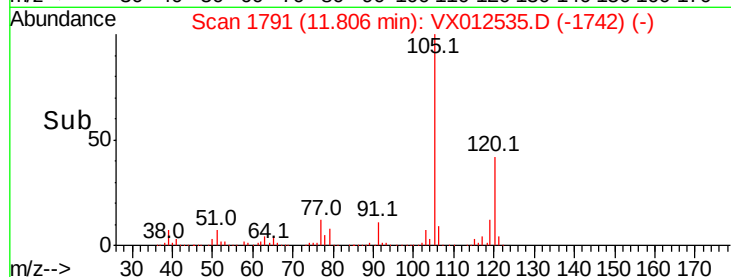
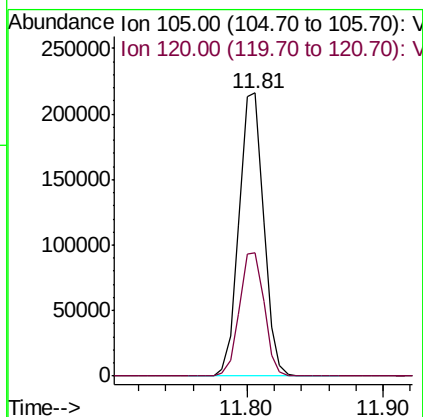
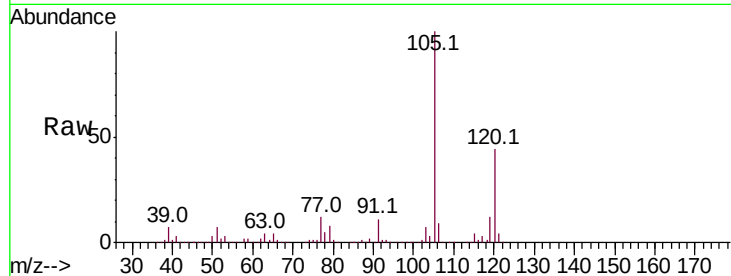




#84
 1,2,4-Trimethylbenzene
 Concen: 49.348 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX012535.D
 Acq: 19 Sep 2019 17:54

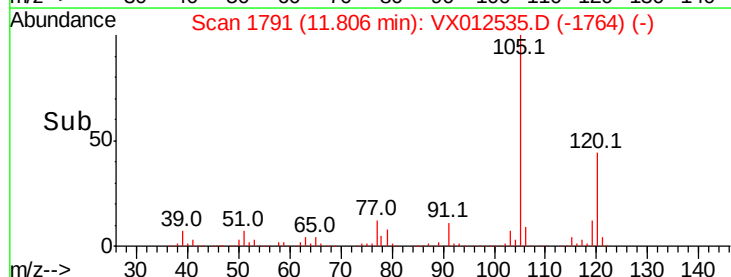
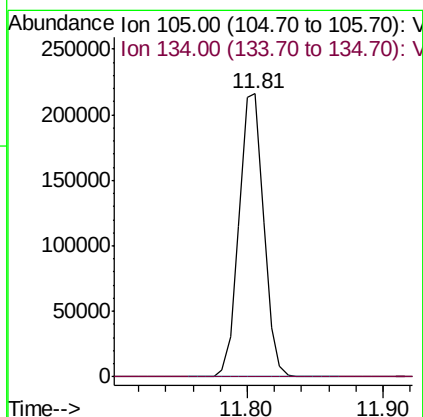
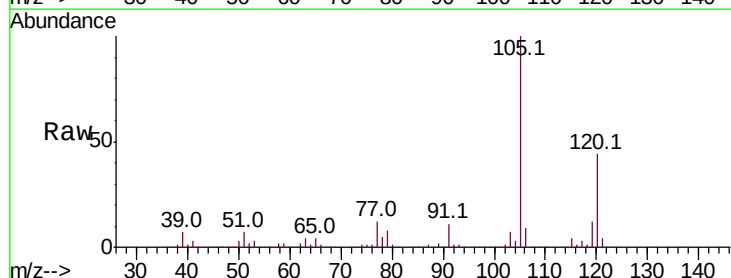
Instrument :
 MSVOA_X
 ClientSampleID :
 Z2-0157DL

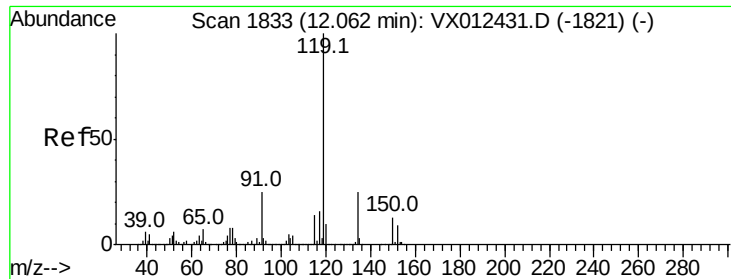
Tot Ion:105 Resp: 273036
 Ion Ratio Lower Upper
 105 100
 120 44.1 22.2 66.6



#85
 sec-Butylbenzene
 Concen: 42.912 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. -0.13 min
 Lab File: VX012535.D
 Acq: 19 Sep 2019 17:54

Tgt Ion:105 Resp: 273036
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.8 29.4#

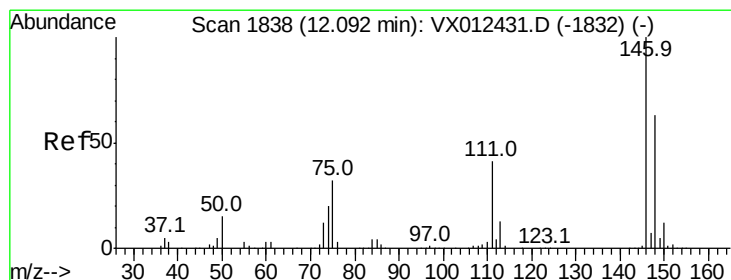
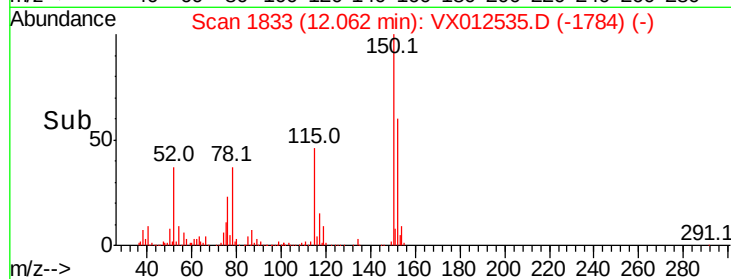
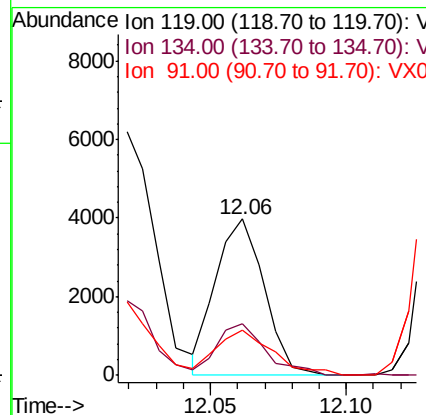
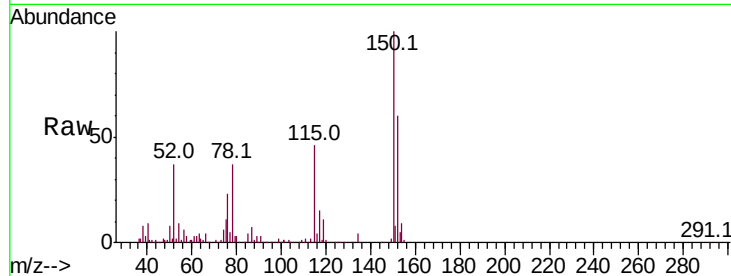




#86
 p-Isopropyltoluene
 Concen: 0.844 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX012535.D
 Acq: 19 Sep 2019 17:54

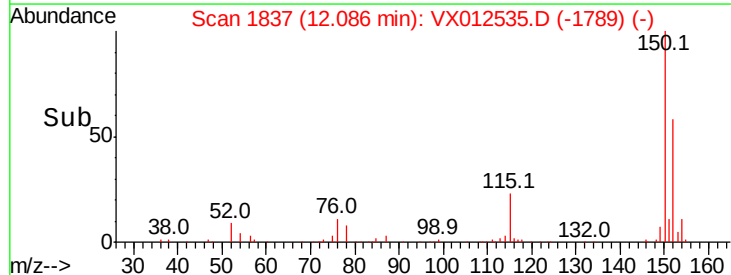
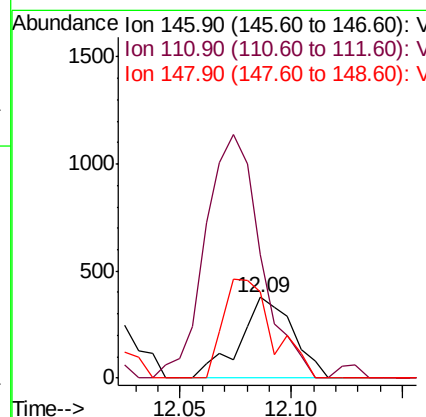
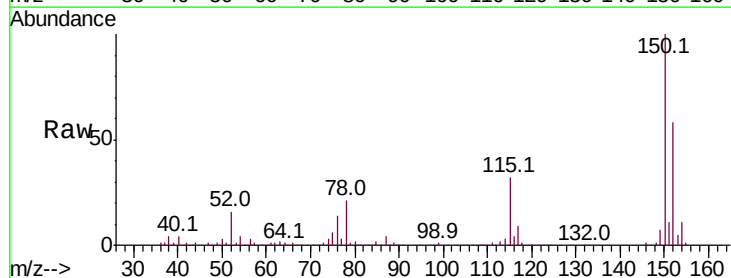
Instrument :
 MSVOA_X
 ClientSampleId :
 Z2-0157DL

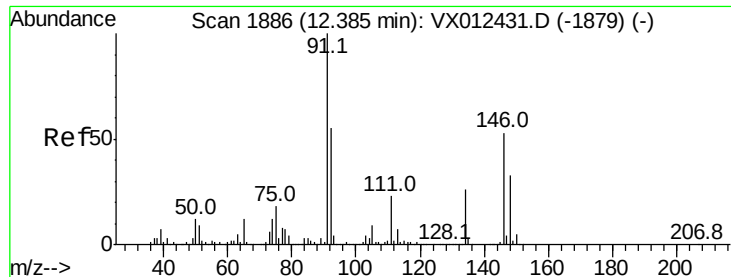
Tot Ion:119 Resp: 4933
 Ion Ratio Lower Upper
 119 100
 134 33.5 12.7 38.1
 91 33.7 12.8 38.4



#88
 1,4-Dichlorobenzene
 Concen: 0.211 ug/l
 RT: 12.09 min Scan# 1837
 Delta R.T. -0.01 min
 Lab File: VX012535.D
 Acq: 19 Sep 2019 17:54

Tgt Ion:146 Resp: 629
 Ion Ratio Lower Upper
 146 100
 111 313.8 21.1 63.3#
 148 114.3 32.1 96.5#





#89

n-Butylbenzene

Concen: 0.903 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX012535.D

Acq: 19 Sep 2019 17:54

Instrument :

MSVOA_X

ClientSampleId :

Z2-0157DL

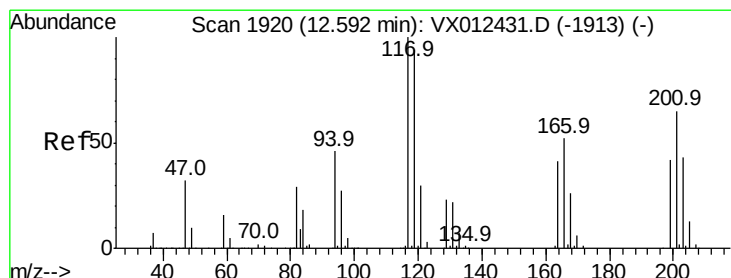
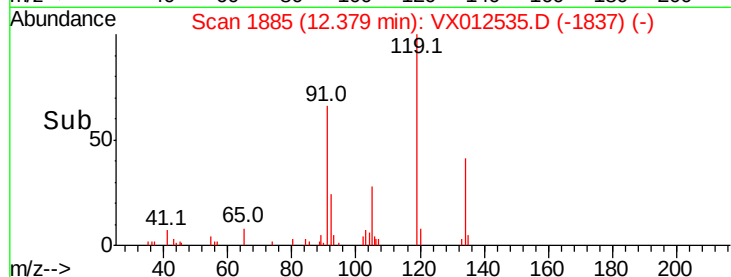
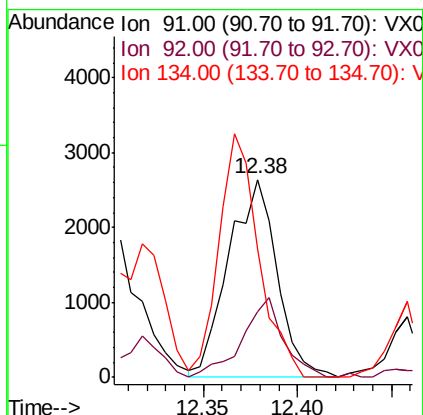
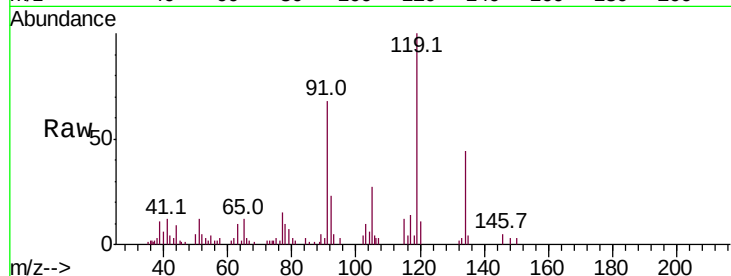
Tot Ion: 91 Resp: 4705

Ion Ratio Lower Upper

91 100

92 34.5 27.7 83.0

134 100.9 12.9 38.6#



#90

Hexachloroethane

Concen: 0.803 ug/l

RT: 12.59 min Scan# 1919

Delta R.T. -0.01 min

Lab File: VX012535.D

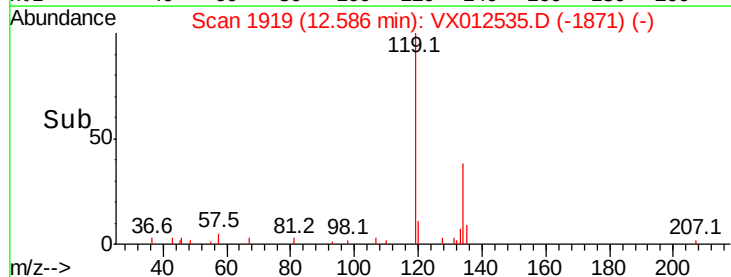
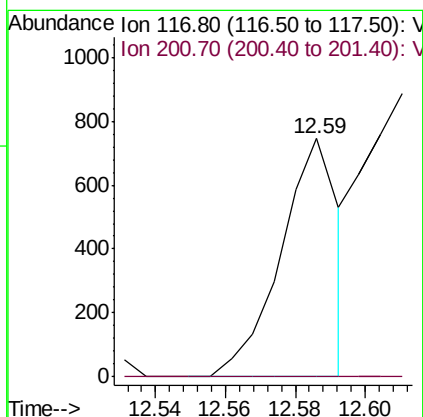
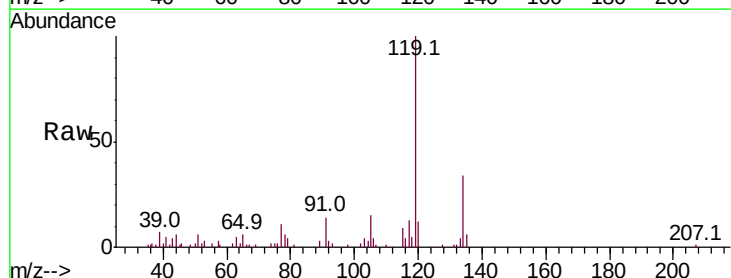
Acq: 19 Sep 2019 17:54

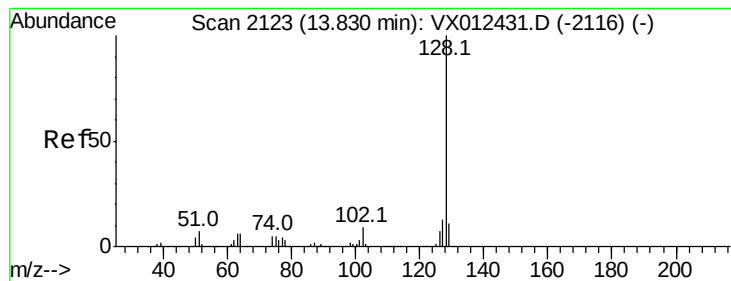
Tgt Ion: 117 Resp: 860

Ion Ratio Lower Upper

117 100

201 0.0 33.3 99.8#





#95

Naphthalene

Concen: 4.655 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX012535.D

Acq: 19 Sep 2019 17:54

Instrument :

MSVOA_X

ClientSampleId :

Z2-0157DL

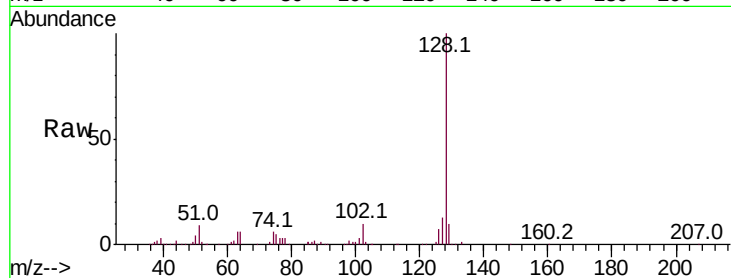
Tot Ion:128 Resp: 32320

Ion Ratio Lower Upper

128 100

127 14.0 10.2 15.4

129 11.4 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

