

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112520\
 Data File : VX019651.D
 Acq On : 25 Nov 2020 13:12
 Operator : JC/MD
 Sample : L4835-08DL 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 INTERCEPTOR-20201119DL

Quant Time: Nov 26 05:46:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	289935	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	480726	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	450995	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	200515	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		6.03	65	183206	48.73	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.46%	
35) Dibromofluoromethane		5.46	113	144575	47.91	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.82%	
50) Toluene-d8		8.70	98	585933	49.97	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.94%	
62) 4-Bromofluorobenzene		11.12	95	215167	51.00	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	102.00%	

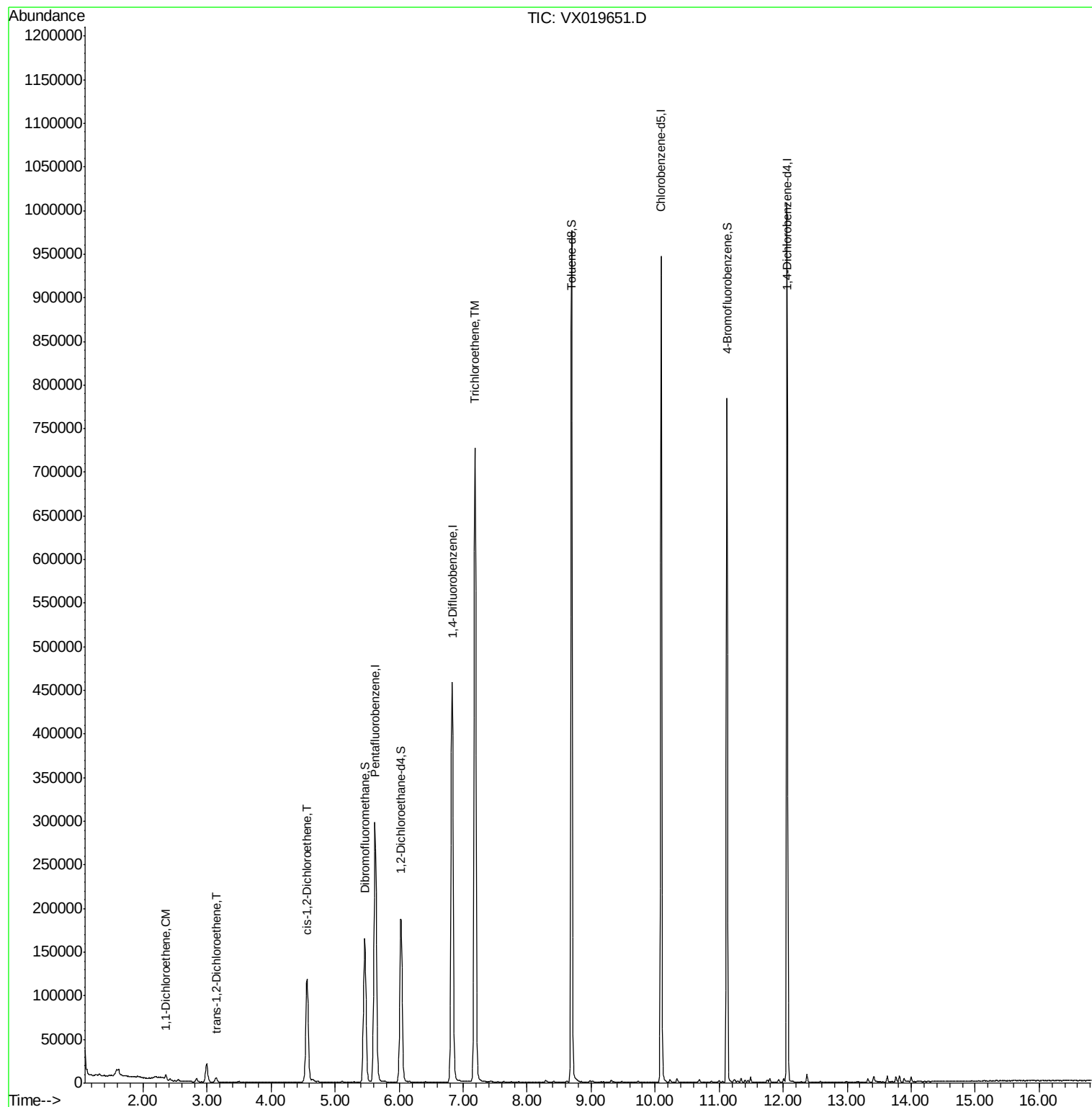
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	2.36	96	1428	0.496	ug/l	83
21) trans-1,2-Dichloroethene	3.15	96	2137	0.655	ug/l	83
27) cis-1,2-Dichloroethene	4.56	96	79172	21.134	ug/l	92
44) Trichloroethene	7.18	130	285700	78.768	ug/l	96

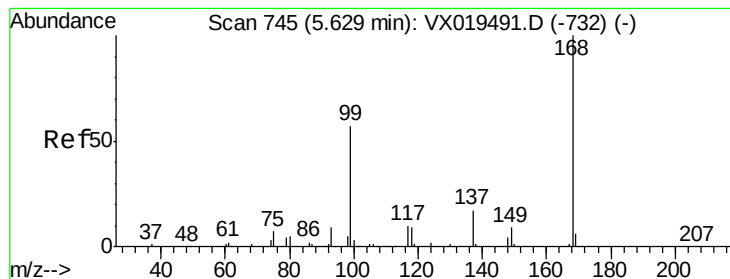
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Nov 21 01:57:45 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

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MSVOA_X

ClientSampleId :

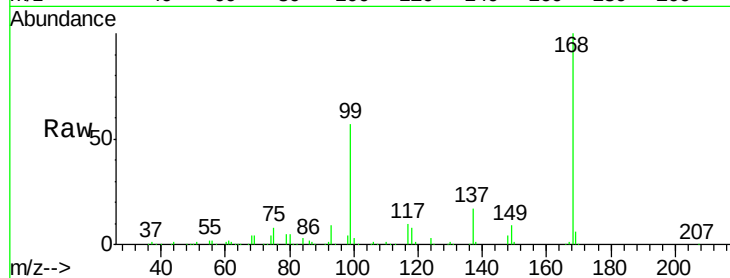
INTERCEPTOR-20201119DL

Tot Ion:168 Resp: 289935

Ion Ratio Lower Upper

168 100

99 57.0 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

40000

20000

0

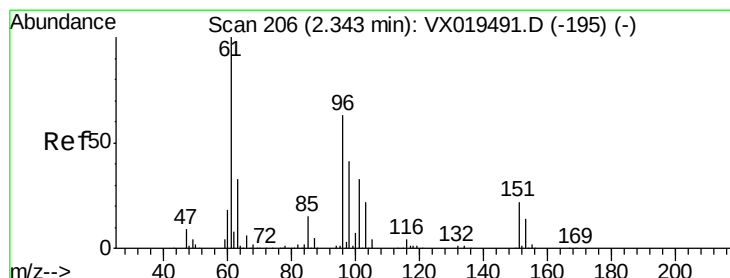
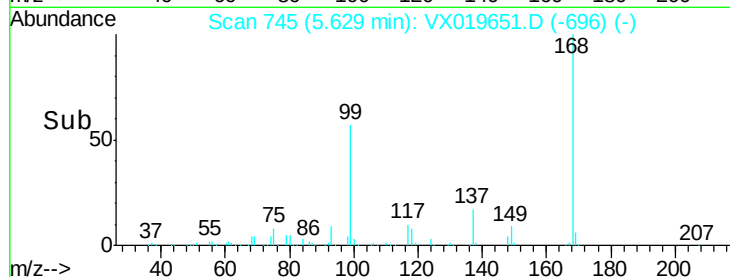
5.50

5.60

5.70

5.80

Time-->



#12

1,1-Dichloroethene

Concen: 0.496 ug/l

RT: 2.36 min Scan# 208

Delta R.T. 0.01 min

Lab File: VX019651.D

Acq: 25 Nov 2020 13:12

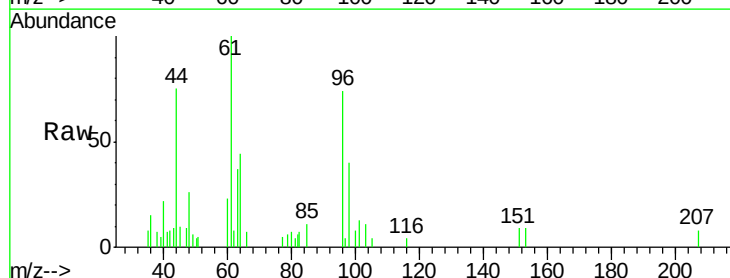
Tgt Ion: 96 Resp: 1428

Ion Ratio Lower Upper

96 100

61 134.7 126.0 189.0

98 53.4 52.0 78.0



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

2000

1500

1000

500

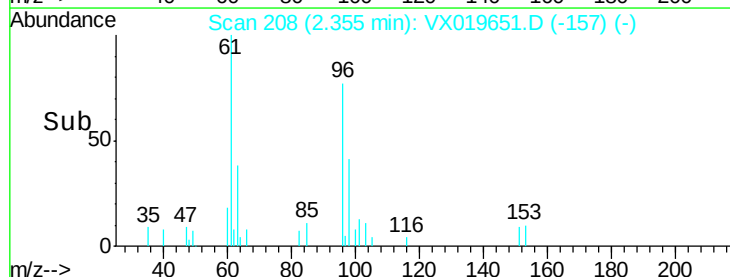
0

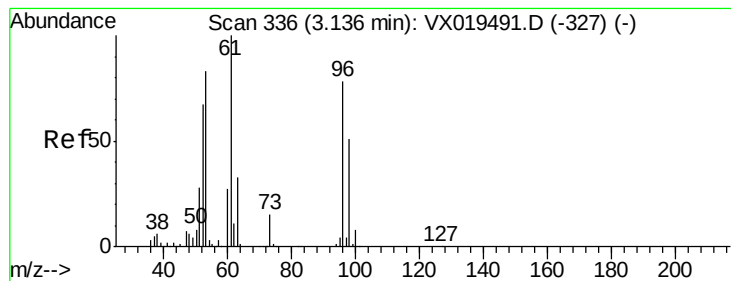
2.30

2.35

2.40

Time-->





#21

trans-1,2-Dichloroethene

Concen: 0.655 ug/l

RT: 3.15 min Scan# 338

Delta R.T. 0.01 min

Lab File: VX019651.D

Acq: 25 Nov 2020 13:12

Instrument :

MSVOA_X

ClientSampleId :

INTERCEPTOR-20201119DL

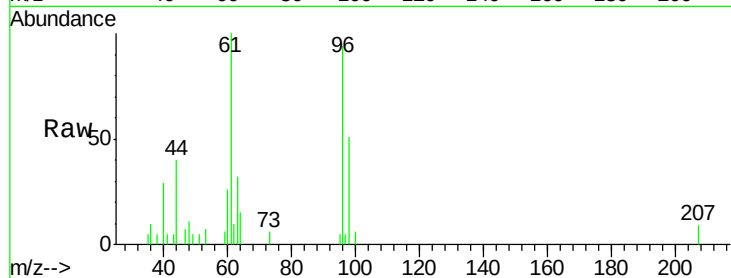
Tot Ion: 96 Resp: 2137

Ion Ratio Lower Upper

96 100

61 106.8 102.9 154.3

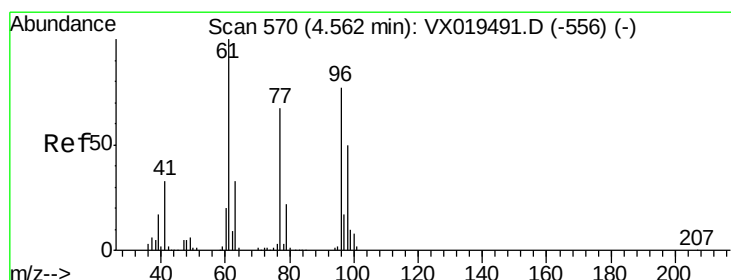
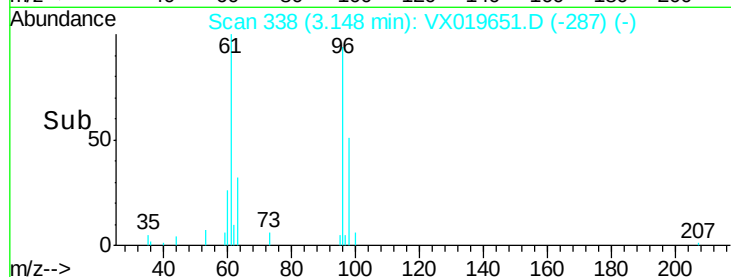
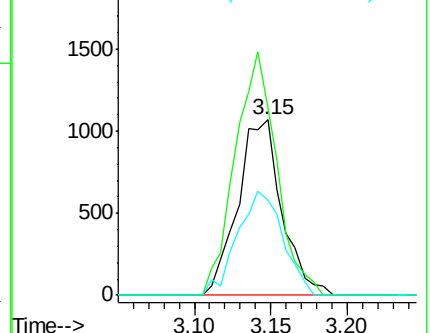
98 54.3 52.1 78.1



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



#27

cis-1,2-Dichloroethene

Concen: 21.134 ug/l

RT: 4.56 min Scan# 570

Delta R.T. -0.00 min

Lab File: VX019651.D

Acq: 25 Nov 2020 13:12

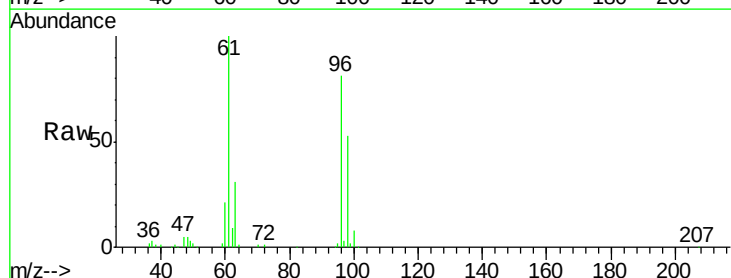
Tgt Ion: 96 Resp: 79172

Ion Ratio Lower Upper

96 100

61 124.9 0.0 279.2

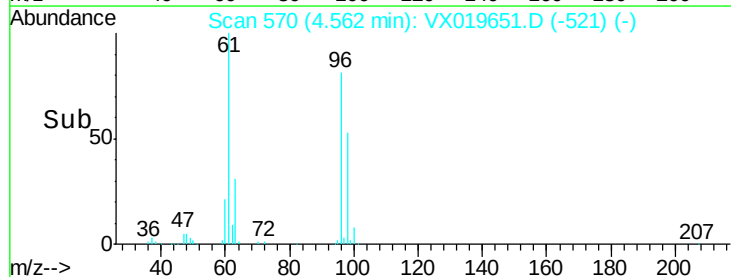
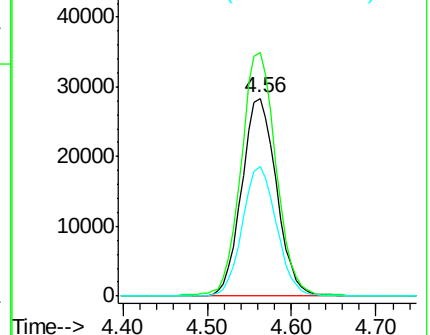
98 64.3 0.0 129.8

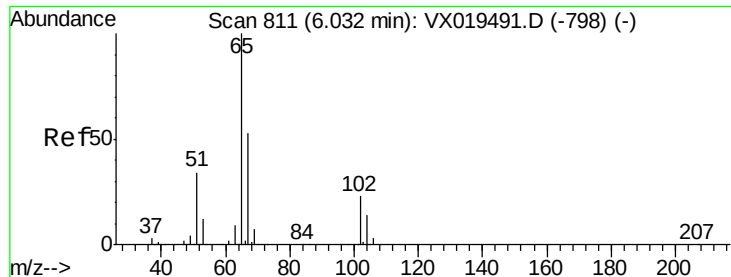


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

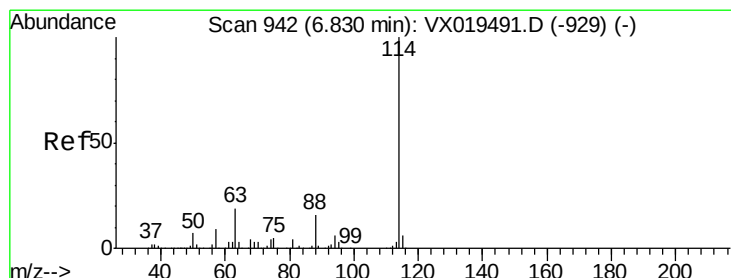
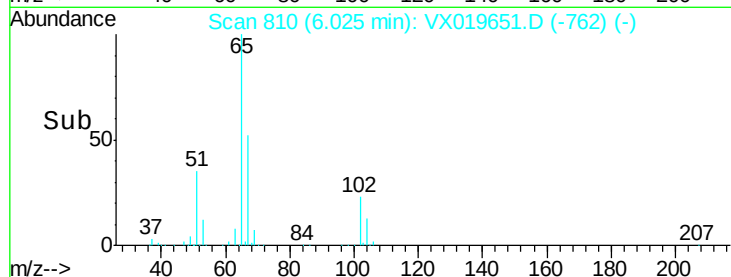
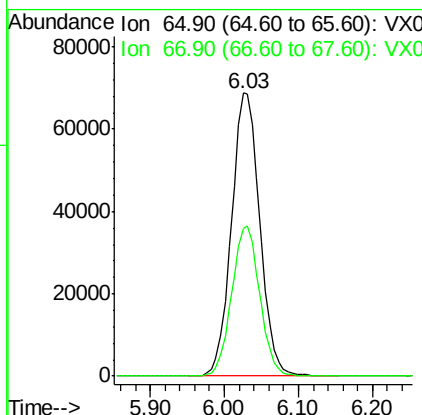
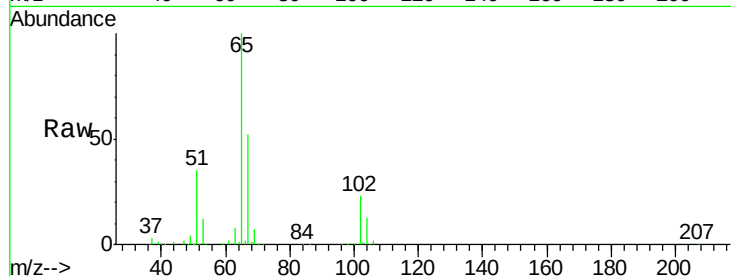




#33
 1,2-Dichloroethane-d4
 Concen: 48.735 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: VX019651.D
 Acq: 25 Nov 2020 13:12

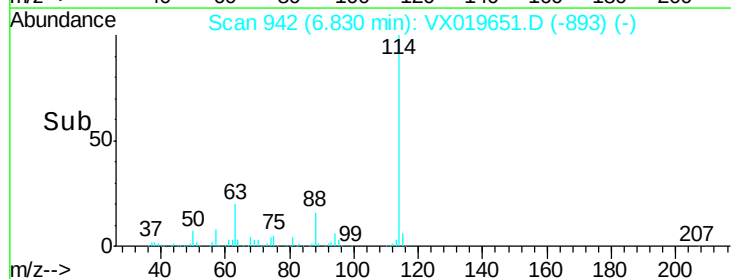
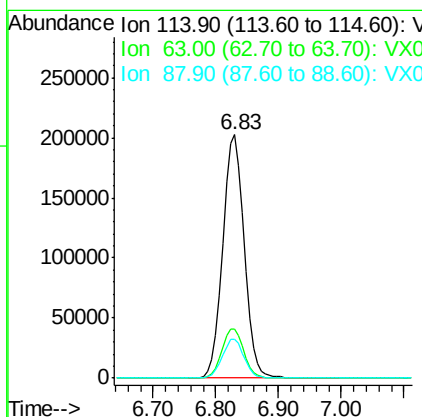
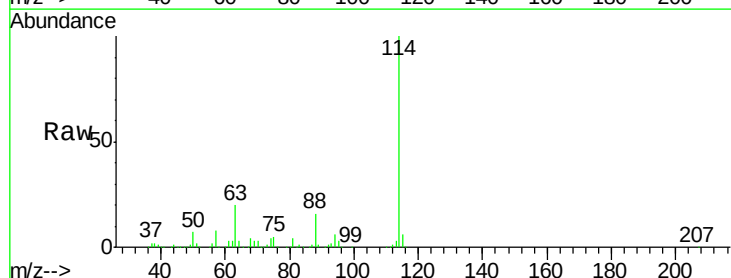
Instrument :
 MSVOA_X
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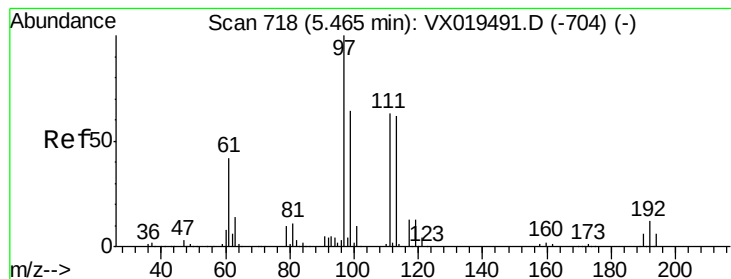
Tot Ion: 65 Resp: 183206
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX019651.D
 Acq: 25 Nov 2020 13:12

Tgt Ion: 114 Resp: 480726
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 38.8
 88 15.9 0.0 31.6





#35

Dibromofluoromethane

Concen: 47.912 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX019651.D

Acq: 25 Nov 2020 13:12

Instrument :

MSVOA_X

ClientSampleId :

INTERCEPTOR-20201119DL

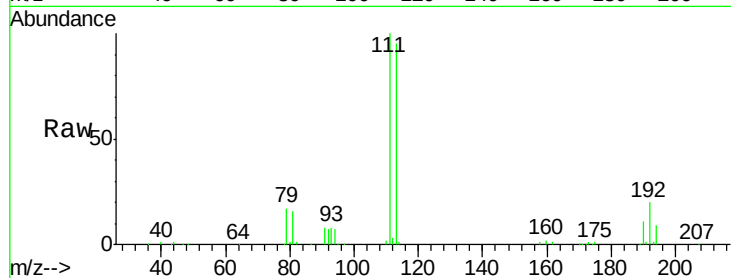
Tot Ion:113 Resp: 144575

Ion Ratio Lower Upper

113 100

111 102.9 81.5 122.3

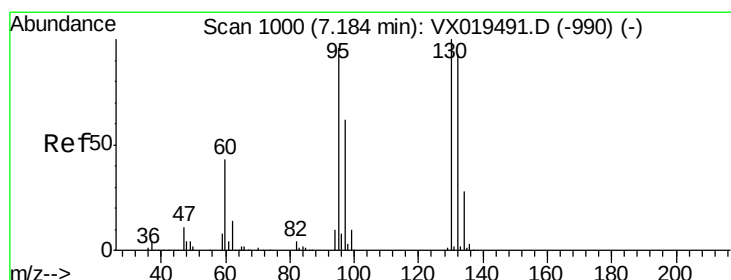
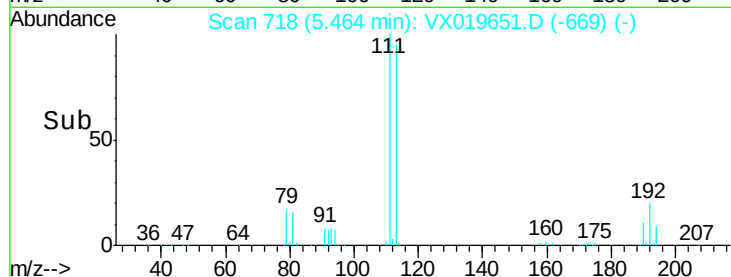
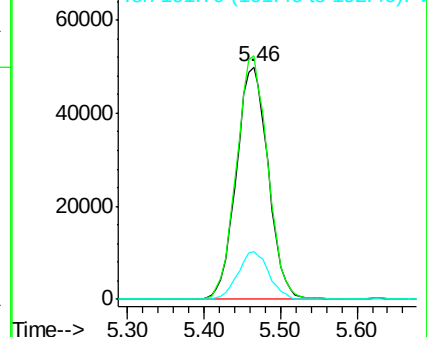
192 20.0 16.2 24.2



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



#44

Trichloroethene

Concen: 78.768 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VX019651.D

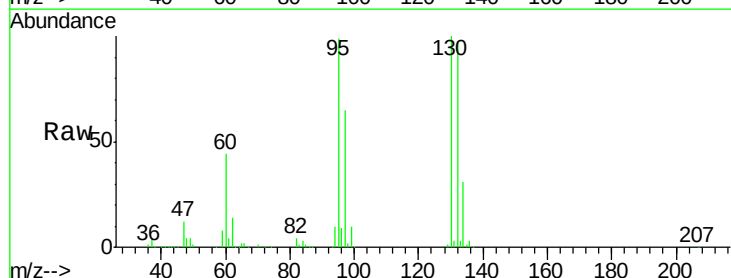
Acq: 25 Nov 2020 13:12

Tgt Ion:130 Resp: 285700

Ion Ratio Lower Upper

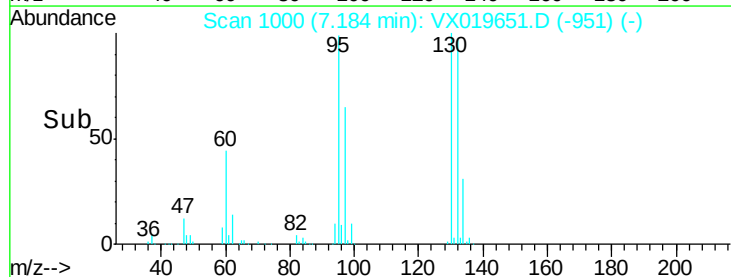
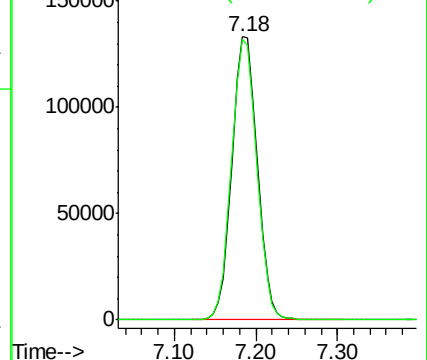
130 100

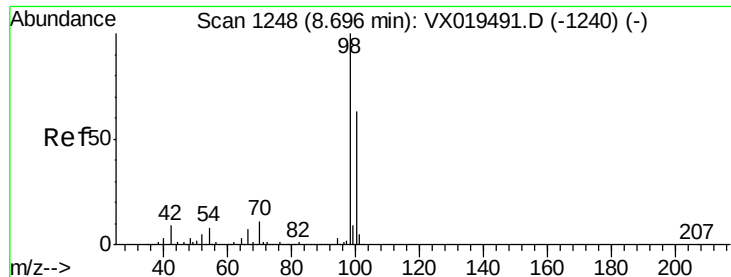
95 99.3 0.0 191.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V

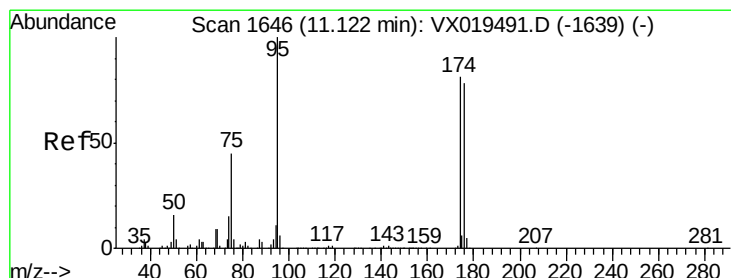
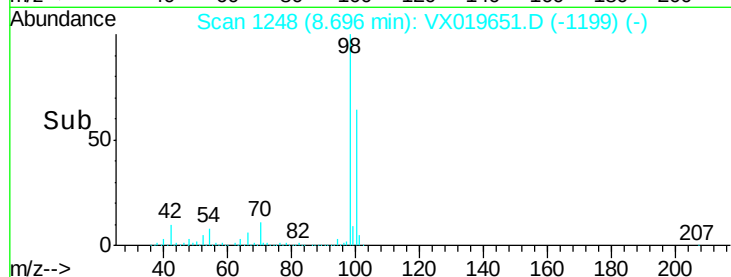
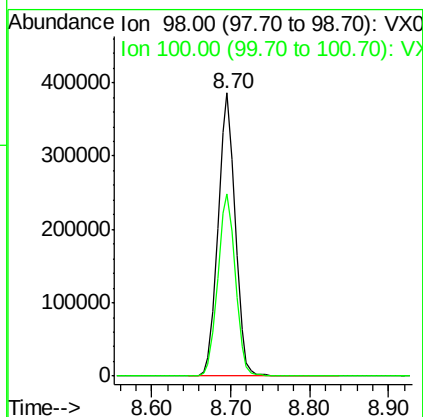
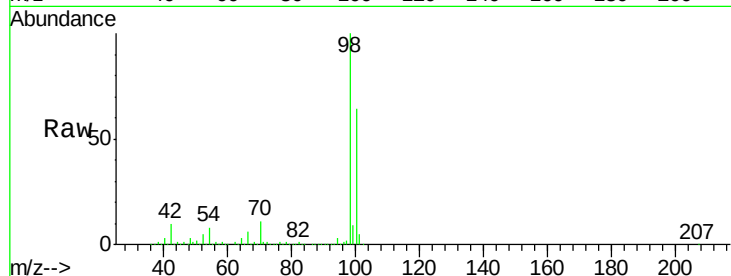




#50
Toluene-d8
Concen: 49.970 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019651.D
Acq: 25 Nov 2020 13:12

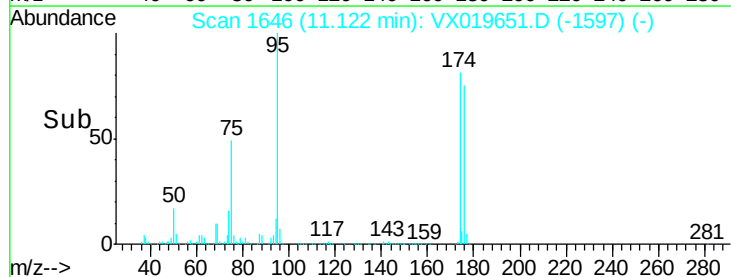
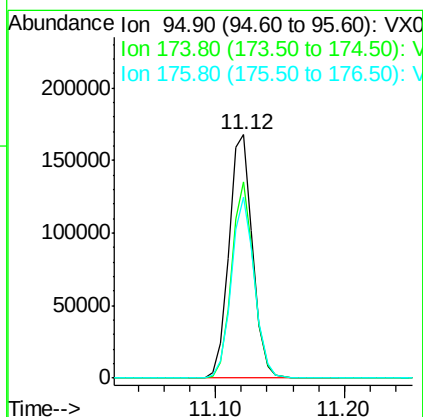
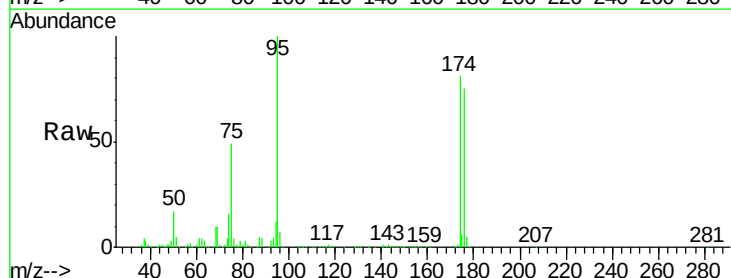
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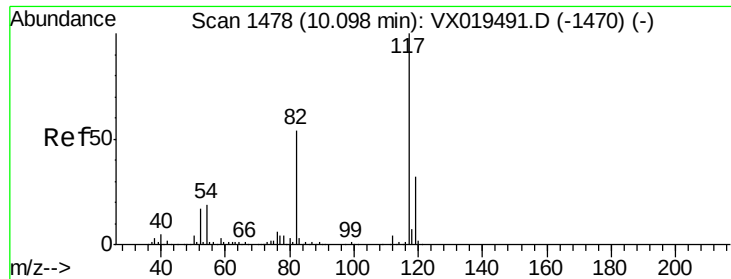
Tot Ion: 98 Resp: 585933
Ion Ratio Lower Upper
98 100
100 66.1 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 51.002 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX019651.D
Acq: 25 Nov 2020 13:12

Tgt Ion: 95 Resp: 215167
Ion Ratio Lower Upper
95 100
174 76.3 0.0 156.2
176 72.8 0.0 151.4

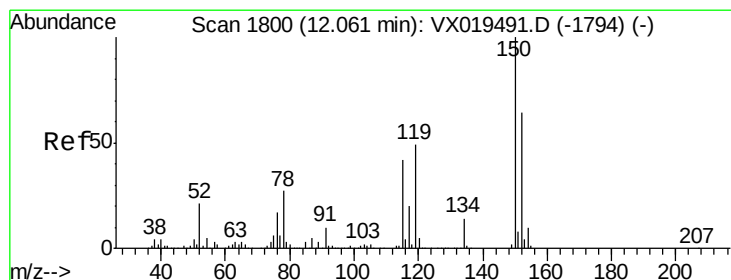
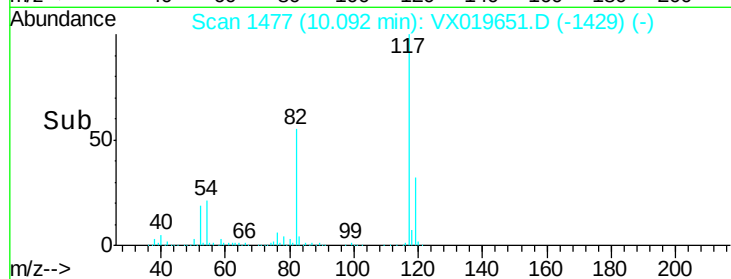
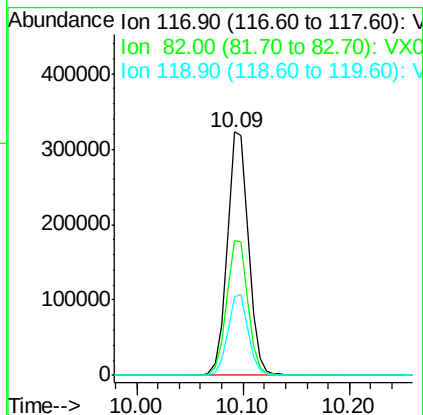
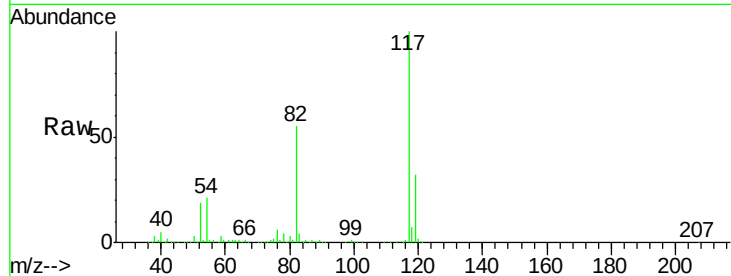




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. -0.01 min
Lab File: VX019651.D
Acq: 25 Nov 2020 13:12

Instrument :
MSVOA_X
ClientSampleId :
INTERCEPTOR-20201119DL

Tot Ion:117 Resp: 450995
Ion Ratio Lower Upper
117 100
82 55.3 43.0 64.4
119 32.2 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX019651.D
Acq: 25 Nov 2020 13:12

Tgt Ion:152 Resp: 200515
Ion Ratio Lower Upper
152 100
115 59.4 41.8 125.4
150 156.6 0.0 348.2

