

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121020\
 Data File : VX019825.D
 Acq On : 10 Dec 2020 15:07
 Operator : JC/MD
 Sample : L4996-13
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D4-20201207

Quant Time: Dec 11 01:56:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	323929	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	534179	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	479327	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	215011	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	201323	47.29	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.58%
35) Dibromofluoromethane	5.46	113	161544	46.79	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	93.58%
50) Toluene-d8	8.70	98	635603	48.22	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.44%
62) 4-Bromofluorobenzene	11.12	95	225880	45.03	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	90.06%

Target Compounds

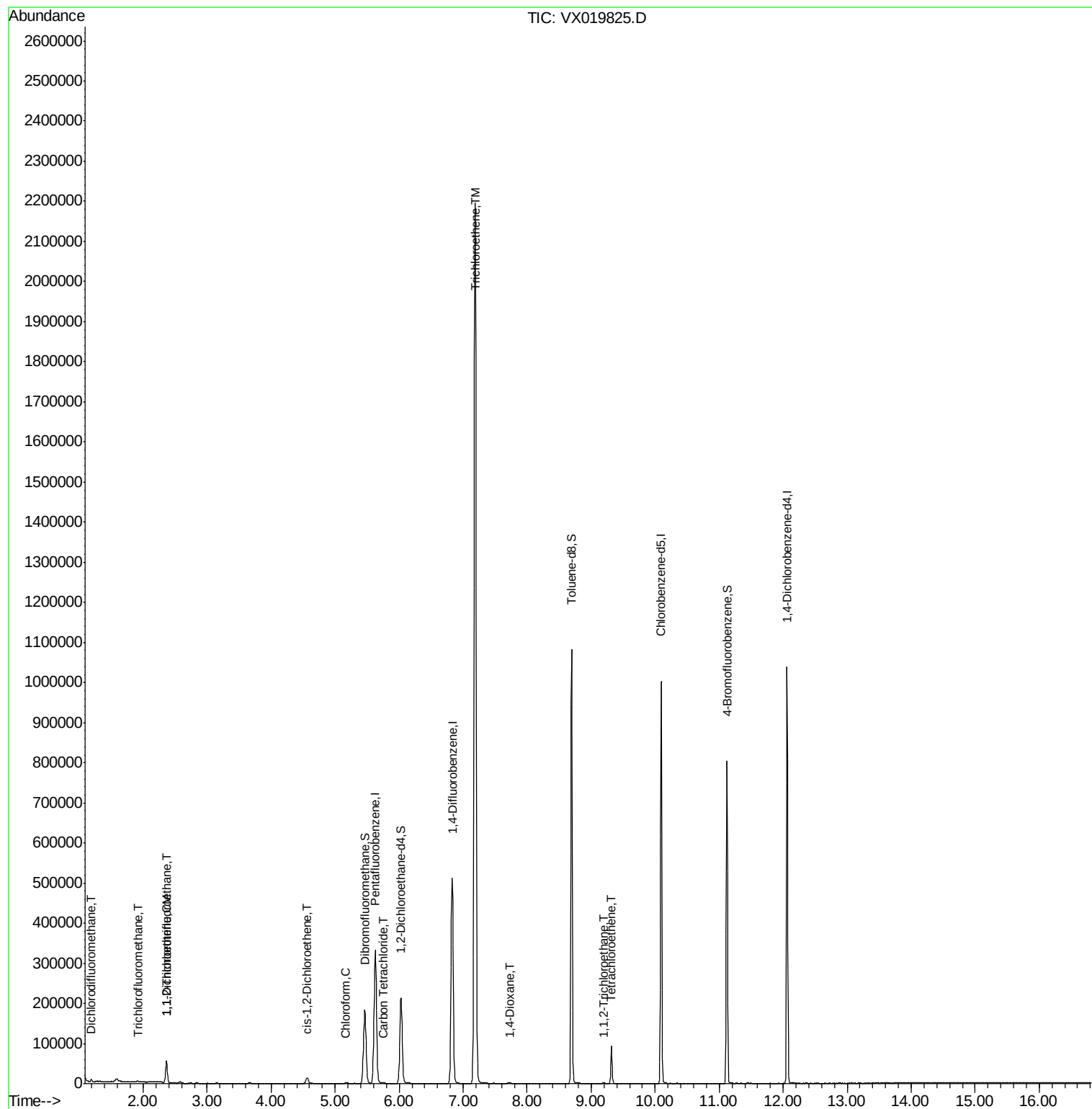
					Qvalue
2) Dichlorodifluoromethane	1.18	85	1672	0.564	ug/l 99
7) Trichlorofluoromethane	1.92	101	1296	0.253	ug/l 86
9) 1,1,2-Trichlorotrifluoroet	2.37	101	20213	6.885	ug/l 99
12) 1,1-Dichloroethene	2.36	96	3776	1.272	ug/l 94
27) cis-1,2-Dichloroethene	4.56	96	9130	2.255	ug/l 90
30) Chloroform	5.17	83	2055	0.327	ug/l 91
38) Carbon Tetrachloride	5.76	117	1756	0.371	ug/l # 91
44) Trichloroethene	7.19	130	873714	225.838	ug/l 100
49) 1,4-Dioxane	7.72	88	1998	21.165	ug/l 93
55) 1,1,2-Trichloroethane	9.20	97	774	0.208	ug/l 90
64) Tetrachloroethene	9.32	164	17660	5.494	ug/l 96

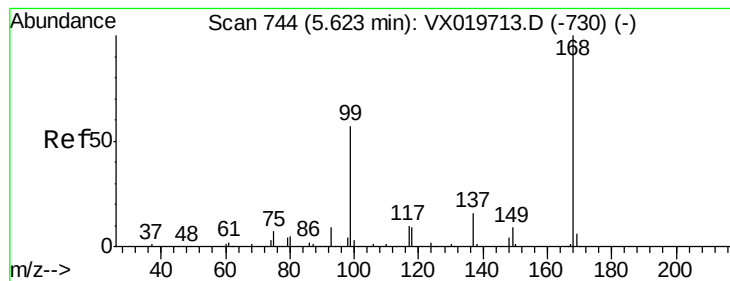
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX121020\
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Instrument :
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ClientSampleId :
RE132D4-20201207

Quant Time: Dec 11 01:56:52 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 04 15:32:53 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.01 min

Lab File: VX019825.D

Acq: 10 Dec 2020 15:07

Instrument :

MSVOA_X

ClientSampleId :

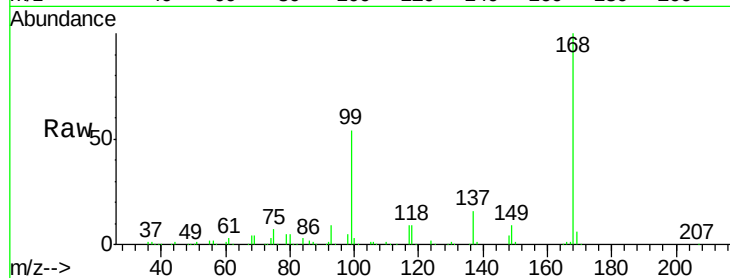
RE132D4-20201207

Tot Ion:168 Resp: 323929

Ion Ratio Lower Upper

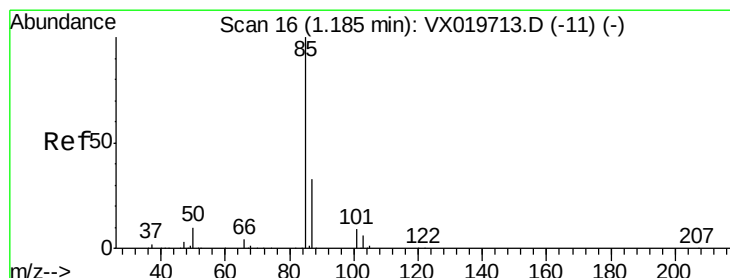
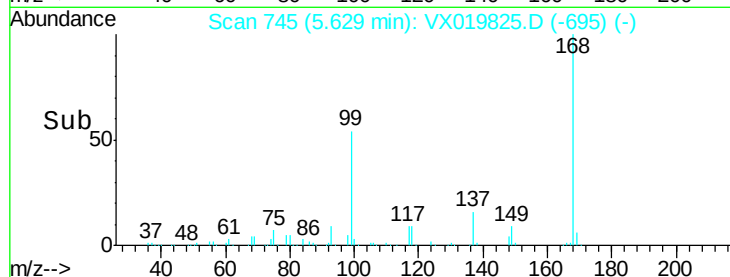
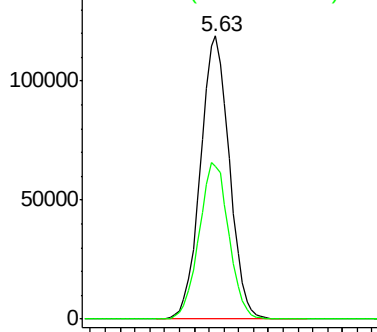
168 100

99 54.2 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 0.564 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019825.D

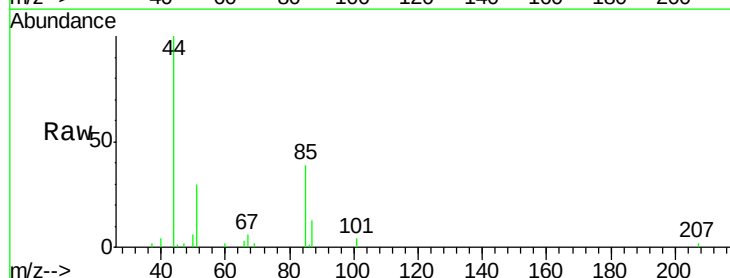
Acq: 10 Dec 2020 15:07

Tgt Ion: 85 Resp: 1672

Ion Ratio Lower Upper

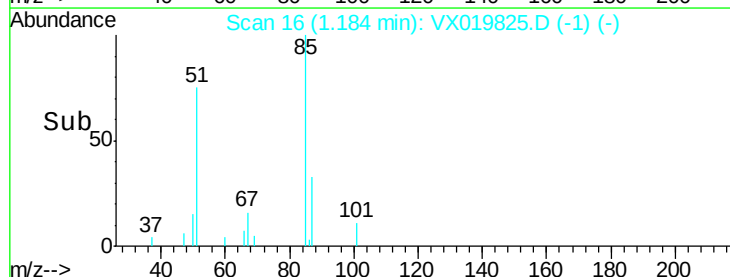
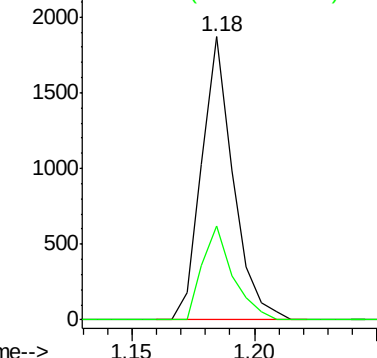
85 100

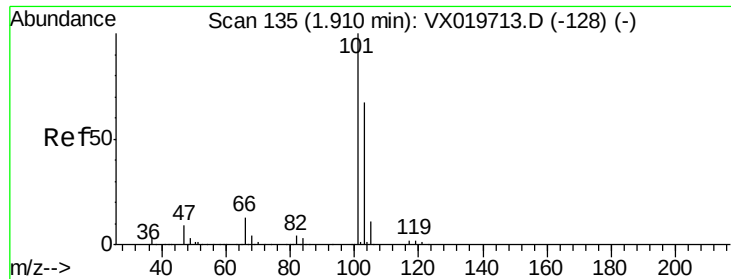
87 33.2 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0



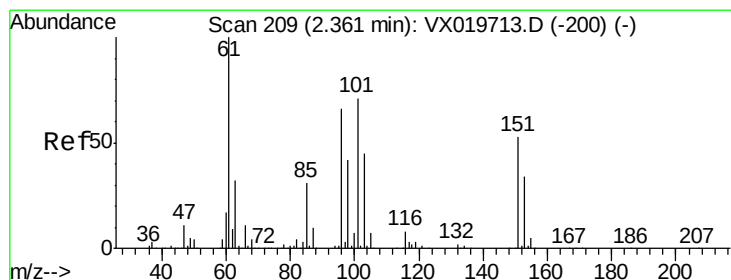
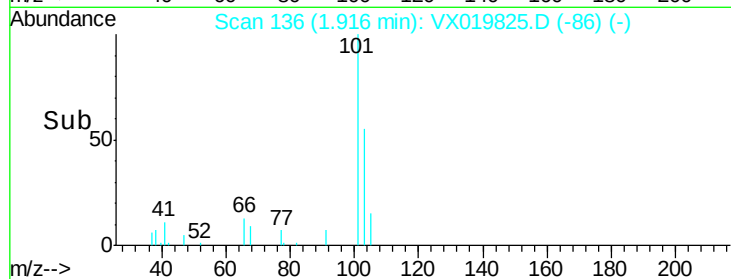
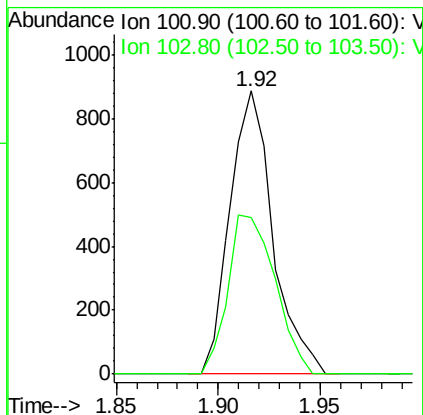
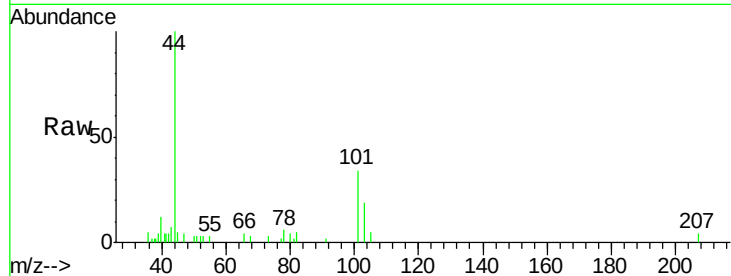


#7

Trichlorofluoromethane
Concen: 0.253 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX019825.D
Acq: 10 Dec 2020 15:07

Instrument :
MSVOA_X
ClientSampleId :
RE132D4-20201207

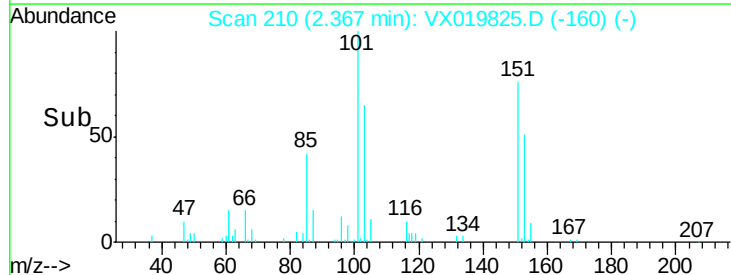
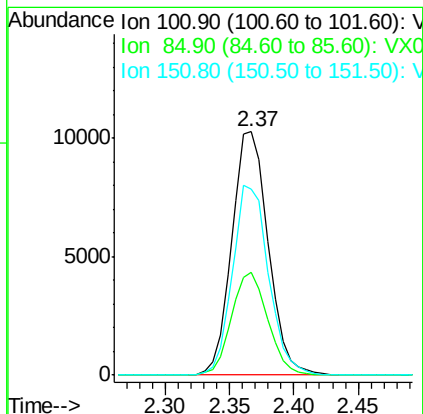
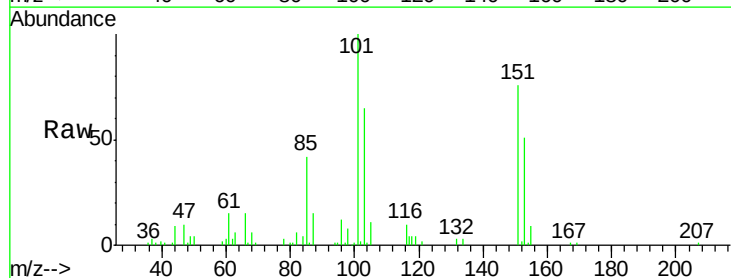
Tot Ion:101 Resp: 1296
Ion Ratio Lower Upper
101 100
103 55.2 53.2 79.8

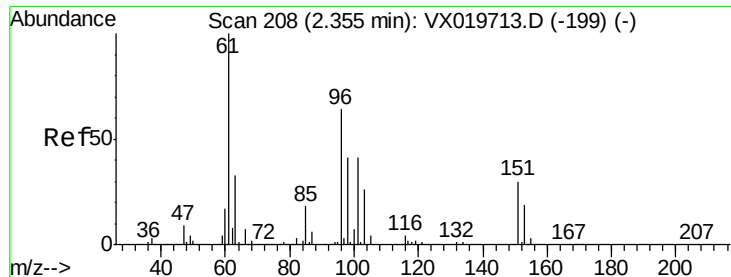


#9

1,1,2-Trichlorotrifluoroethane
Concen: 6.885 ug/l
RT: 2.37 min Scan# 210
Delta R.T. 0.01 min
Lab File: VX019825.D
Acq: 10 Dec 2020 15:07

Tgt Ion:101 Resp: 20213
Ion Ratio Lower Upper
101 100
85 42.0 34.9 52.3
151 77.2 61.4 92.2





#12

1,1-Dichloroethene

Concen: 1.272 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX019825.D

Acq: 10 Dec 2020 15:07

Instrument :

MSVOA_X

ClientSampleId :

RE132D4-20201207

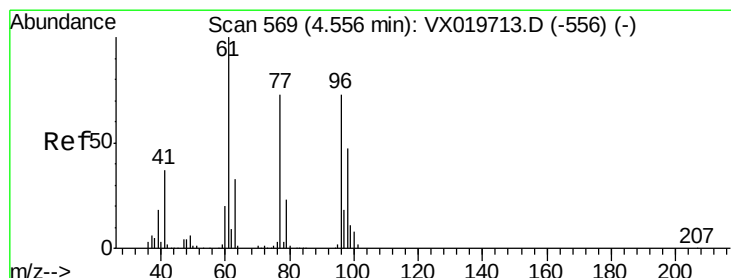
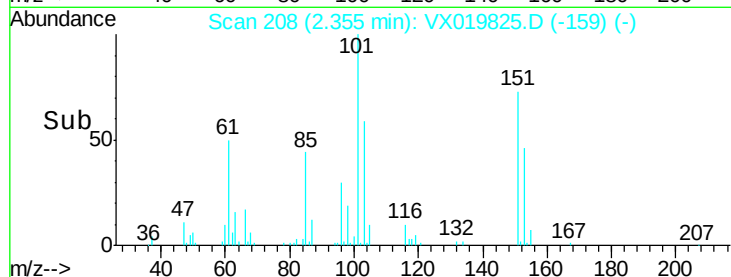
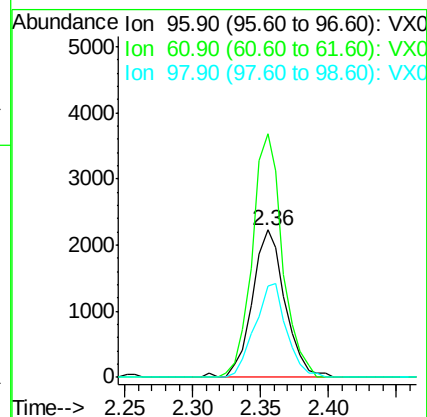
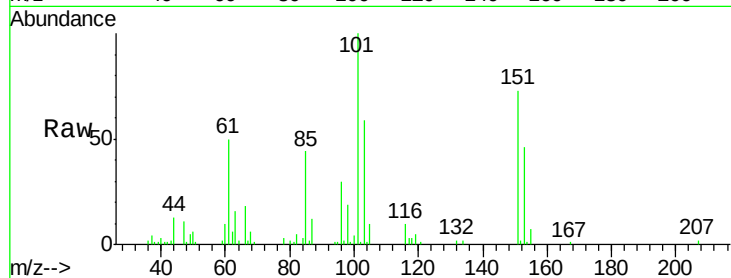
Tot Ion: 96 Resp: 3776

Ion Ratio Lower Upper

96 100

61 165.3 124.6 187.0

98 61.6 50.6 76.0



#27

cis-1,2-Dichloroethene

Concen: 2.255 ug/l

RT: 4.56 min Scan# 570

Delta R.T. 0.01 min

Lab File: VX019825.D

Acq: 10 Dec 2020 15:07

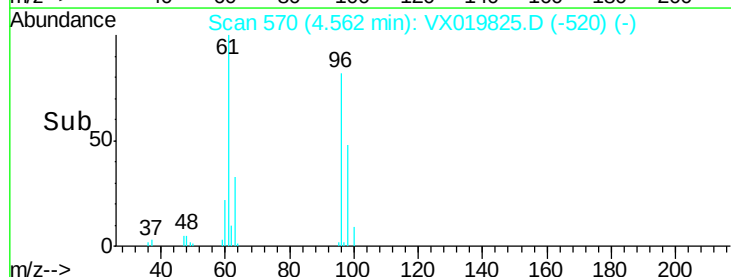
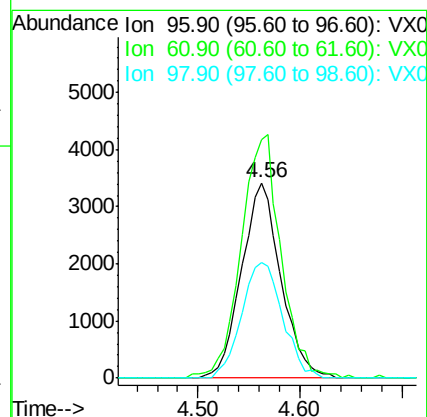
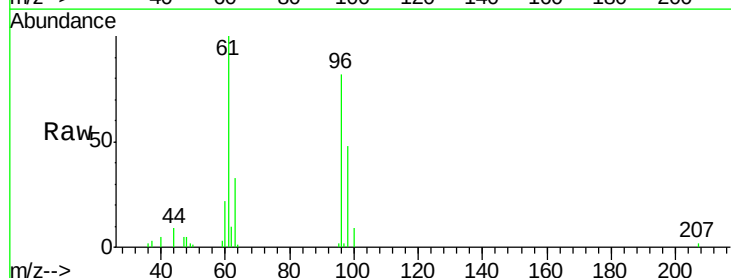
Tgt Ion: 96 Resp: 9130

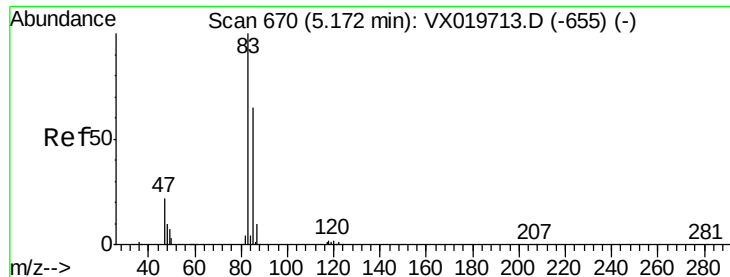
Ion Ratio Lower Upper

96 100

61 126.9 0.0 285.6

98 61.8 0.0 129.6

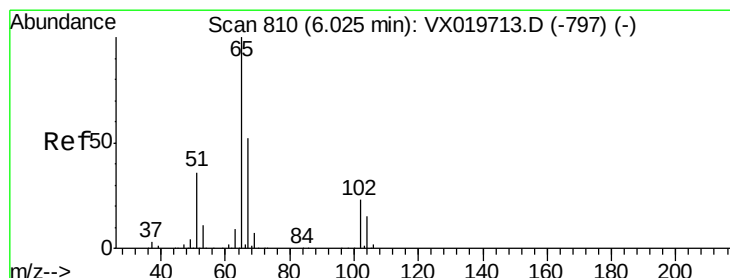
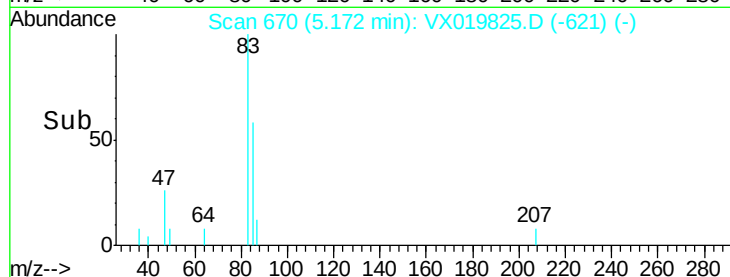
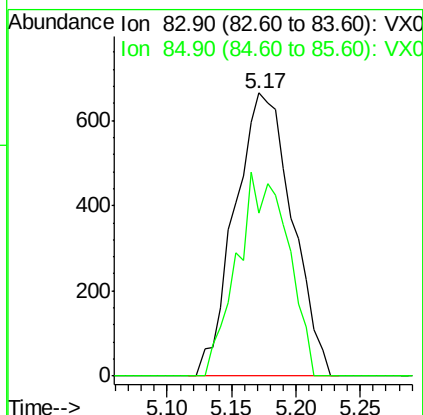
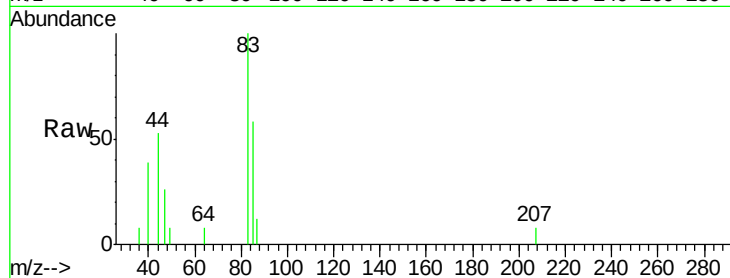




#30
Chloroform
Concen: 0.327 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.00 min
Lab File: VX019825.D
Acq: 10 Dec 2020 15:07

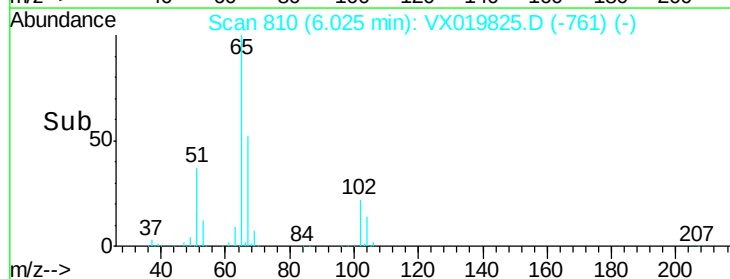
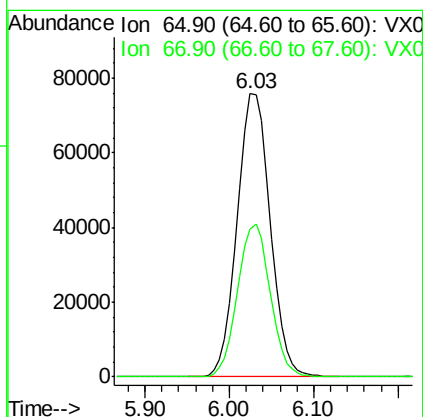
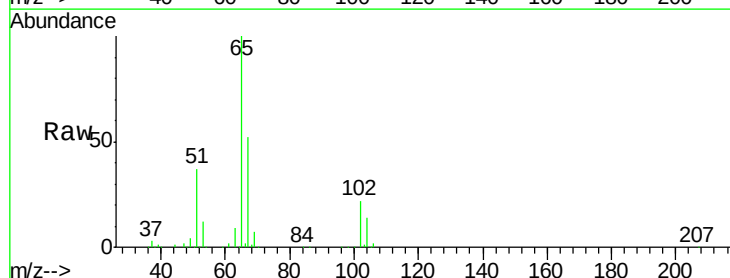
Instrument :
MSVOA_X
ClientSampleId :
RE132D4-20201207

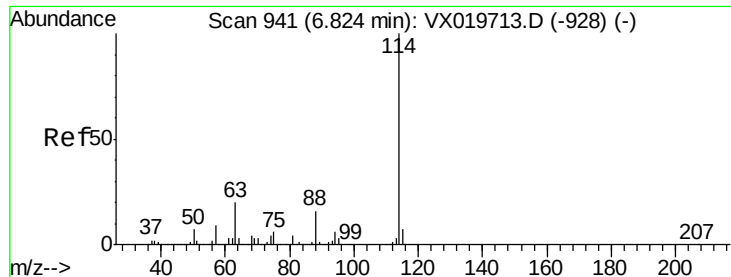
Tot Ion: 83 Resp: 2055
Ion Ratio Lower Upper
83 100
85 57.5 52.0 78.0



#33
1,2-Dichloroethane-d4
Concen: 47.288 ug/l
RT: 6.03 min Scan# 810
Delta R.T. -0.00 min
Lab File: VX019825.D
Acq: 10 Dec 2020 15:07

Tgt Ion: 65 Resp: 201323
Ion Ratio Lower Upper
65 100
67 53.4 0.0 105.4

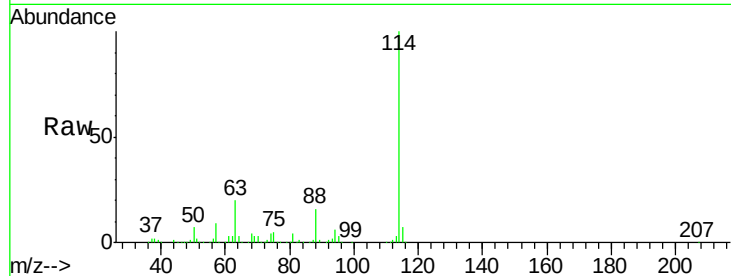




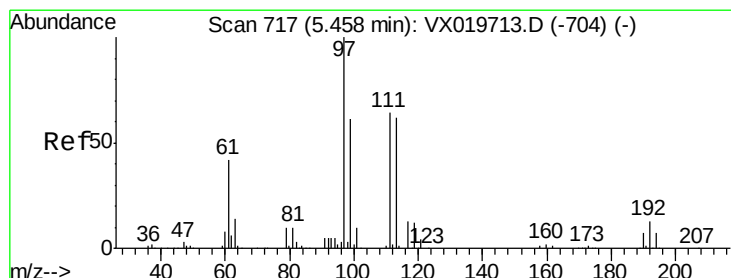
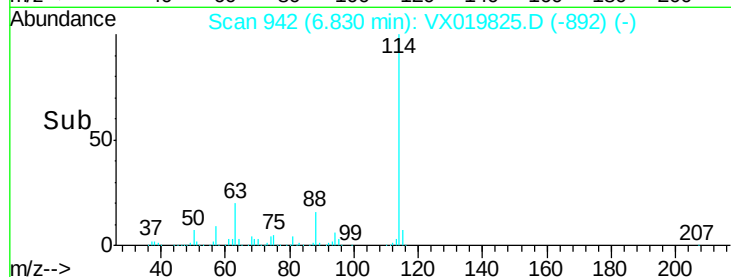
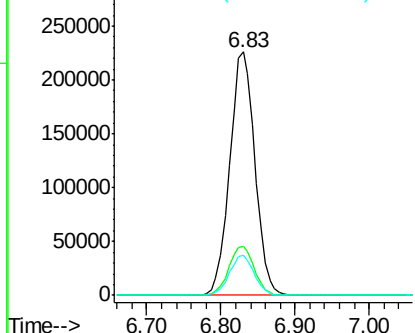
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. 0.01 min
Lab File: VX019825.D
Acq: 10 Dec 2020 15:07

Instrument :
MSVOA_X
ClientSampleId :
RE132D4-20201207

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	40.8
88	16.4	0.0	32.8

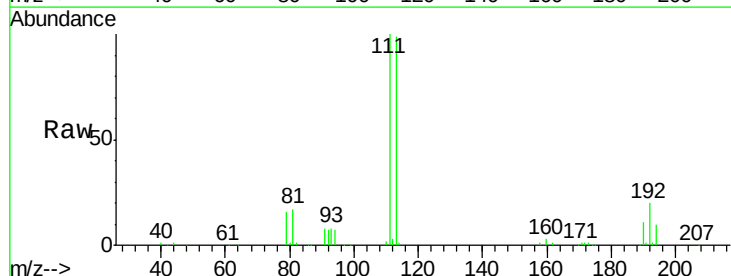


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

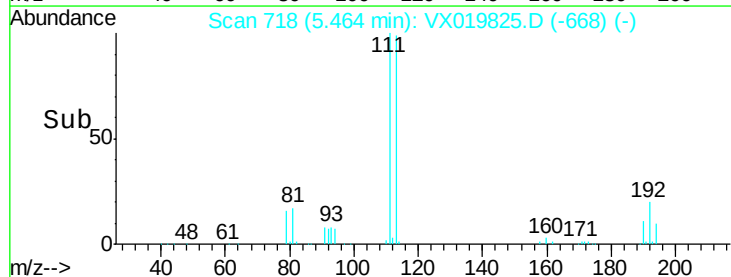
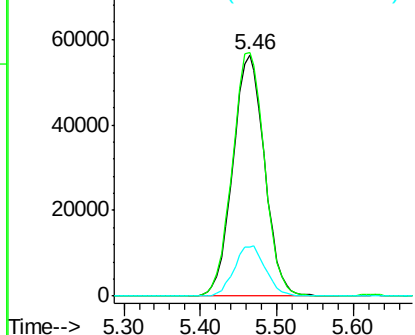


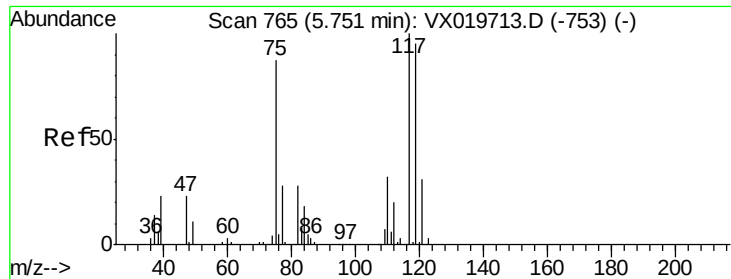
#35
Dibromofluoromethane
Concen: 46.793 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.01 min
Lab File: VX019825.D
Acq: 10 Dec 2020 15:07

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.9	122.9
192	20.6	16.7	25.1



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

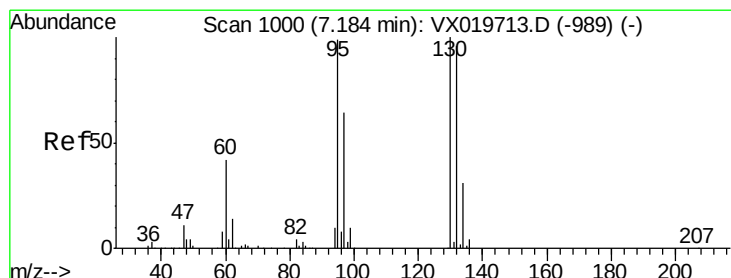
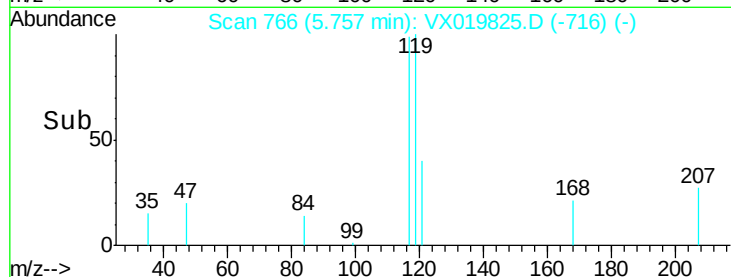
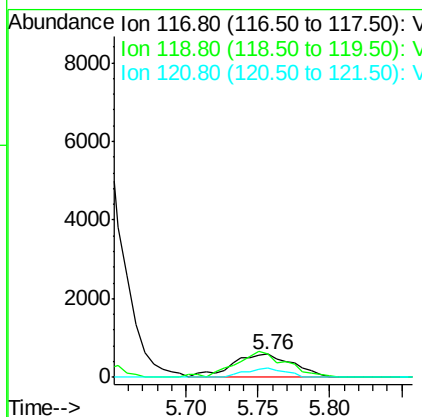
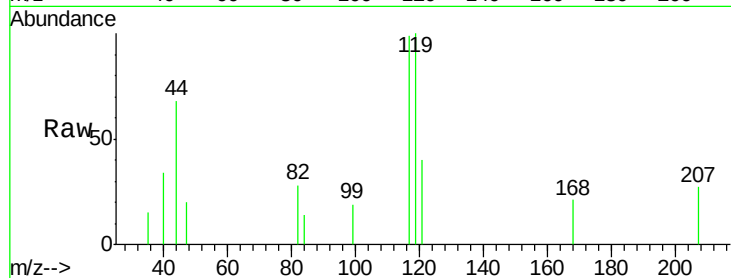




#38
Carbon Tetrachloride
Concen: 0.371 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX019825.D
Acq: 10 Dec 2020 15:07

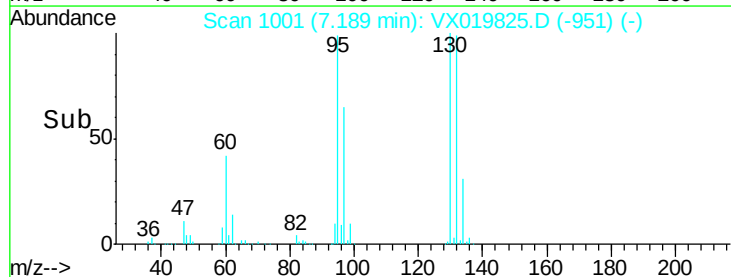
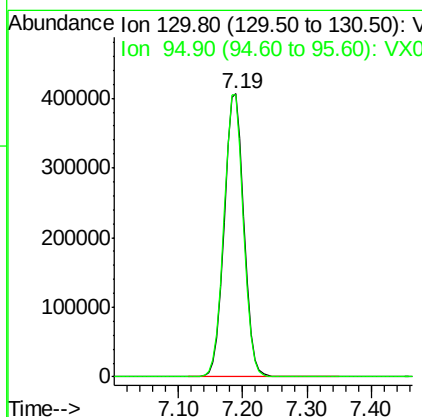
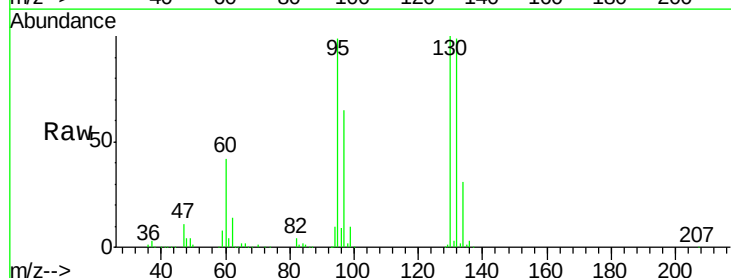
Instrument :
MSVOA_X
ClientSampleId :
RE132D4-20201207

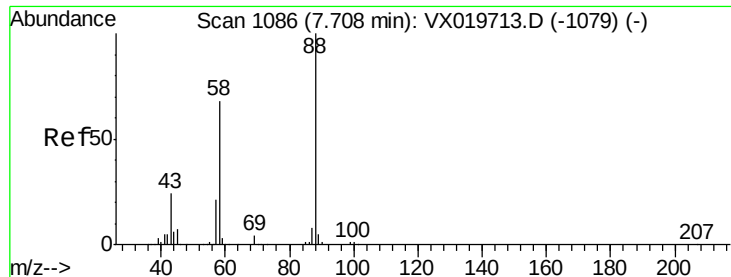
Tot Ion:117 Resp: 1756
Ion Ratio Lower Upper
117 100
119 100.8 76.2 114.2
121 40.4 24.8 37.2#



#44
Trichloroethene
Concen: 225.838 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. 0.01 min
Lab File: VX019825.D
Acq: 10 Dec 2020 15:07

Tgt Ion:130 Resp: 873714
Ion Ratio Lower Upper
130 100
95 99.5 0.0 198.0

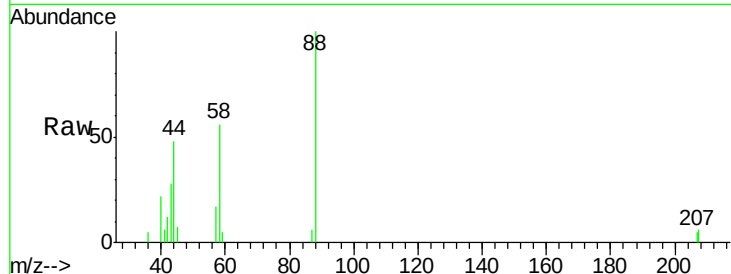




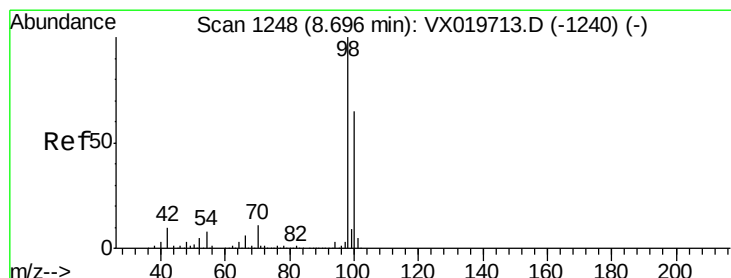
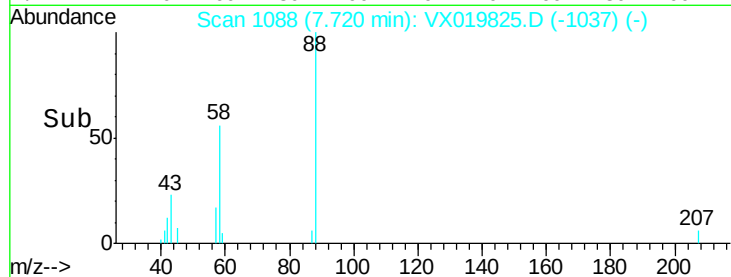
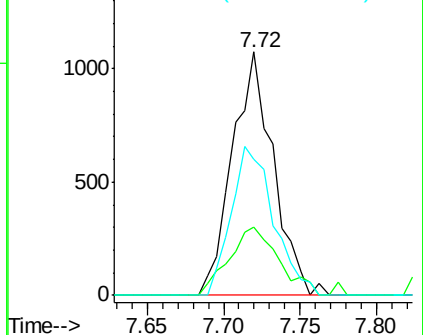
#49
1,4-Dioxane
Concen: 21.165 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. 0.01 min
Lab File: VX019825.D
Acq: 10 Dec 2020 15:07

Instrument :
MSVOA_X
ClientSampleId :
RE132D4-20201207

Tot Ion	88	Resp	1998
Ion	Ratio	Lower	Upper
88	100		
43	34.2	23.2	34.8
58	63.5	55.0	82.4

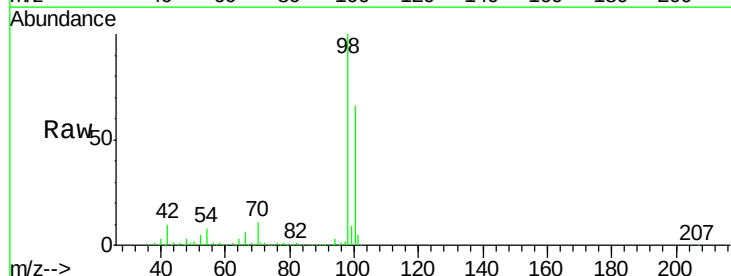


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

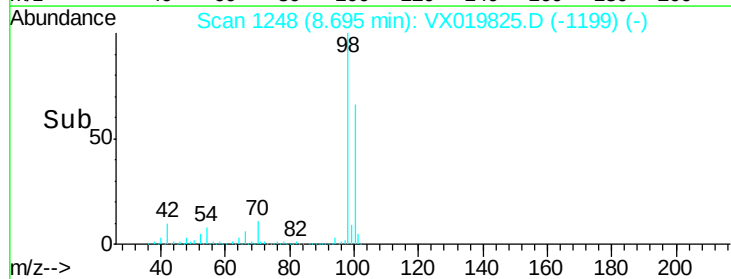
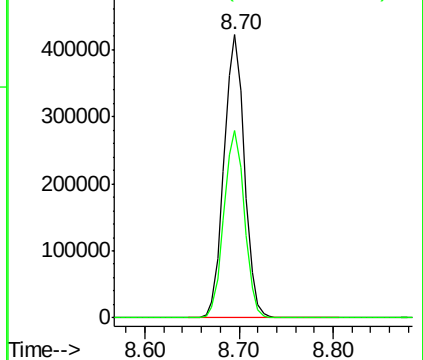


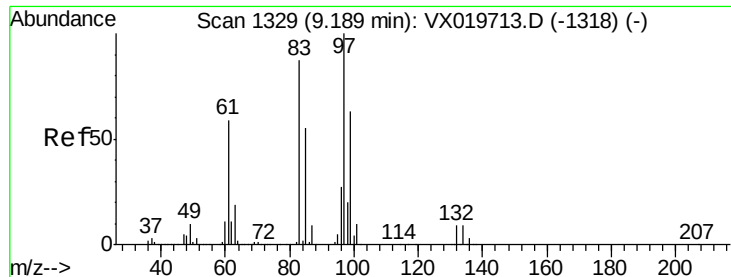
#50
Toluene-d8
Concen: 48.225 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019825.D
Acq: 10 Dec 2020 15:07

Tgt Ion	98	Resp	635603
Ion	Ratio	Lower	Upper
98	100		
100	66.6	51.9	77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0

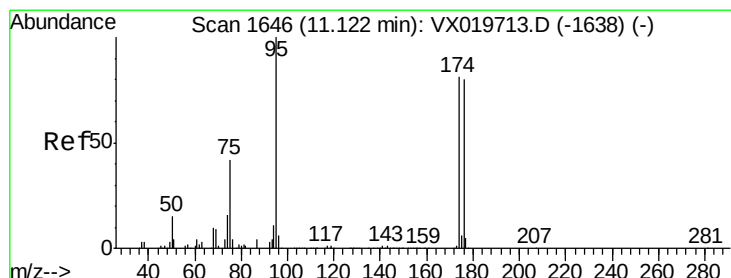
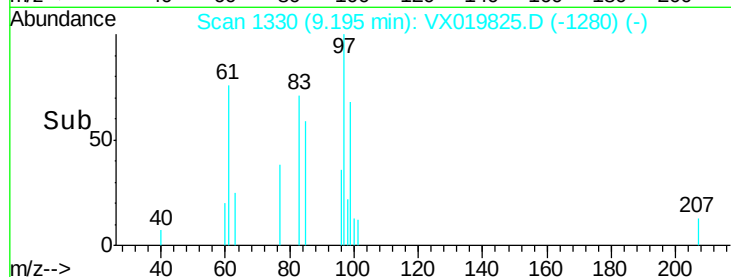
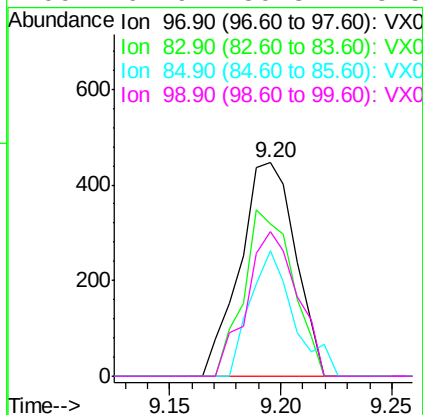
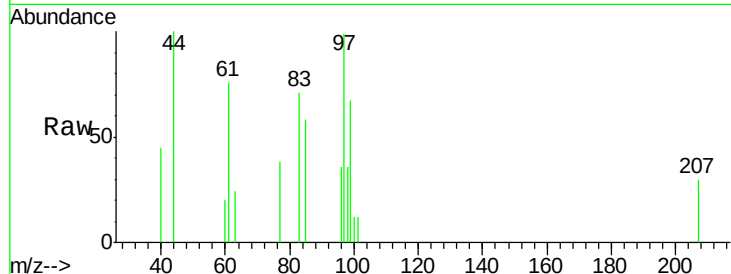




#55
 1,1,2-Trichloroethane
 Concen: 0.208 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.01 min
 Lab File: VX019825.D
 Acq: 10 Dec 2020 15:07

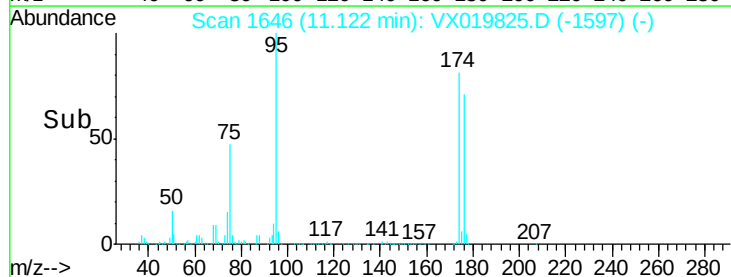
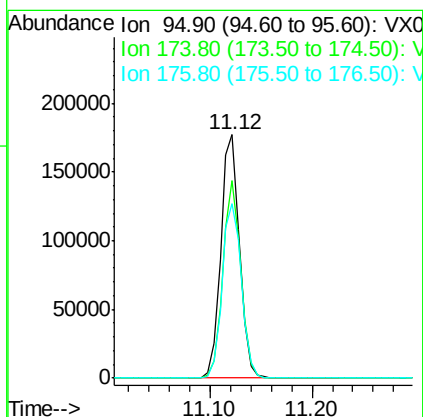
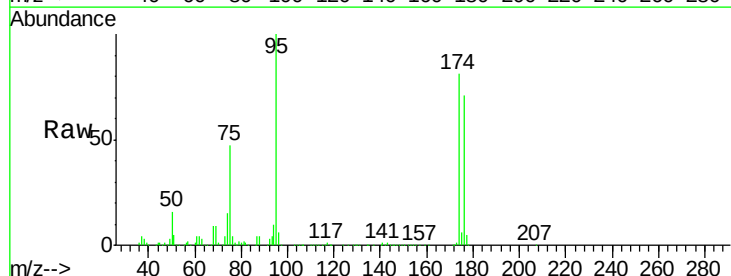
Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D4-20201207

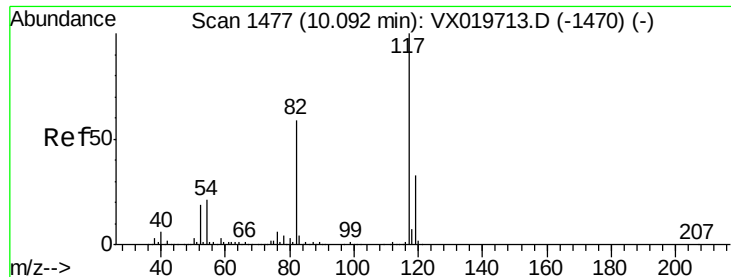
Tot Ion:	97	Resp:	774
Ion	Ratio	Lower	Upper
97	100		
83	71.3	69.3	103.9
85	58.7	44.3	66.5
99	67.9	50.3	75.5



#62
 4-Bromofluorobenzene
 Concen: 45.027 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX019825.D
 Acq: 10 Dec 2020 15:07

Tgt Ion:	95	Resp:	225880
Ion	Ratio	Lower	Upper
95	100		
174	77.6	0.0	154.6
176	73.9	0.0	155.8

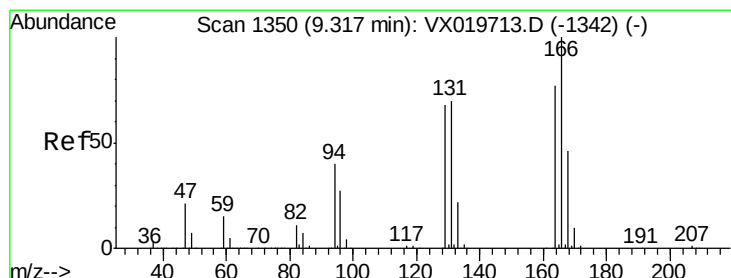
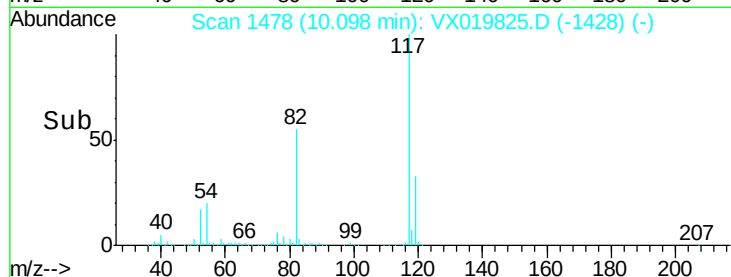
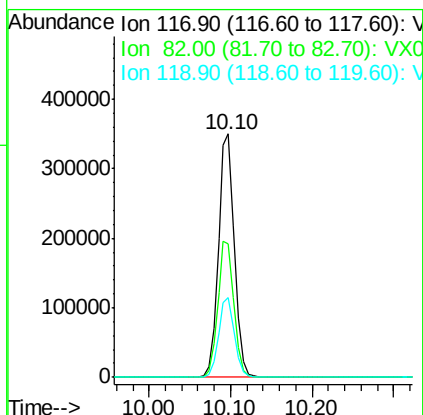
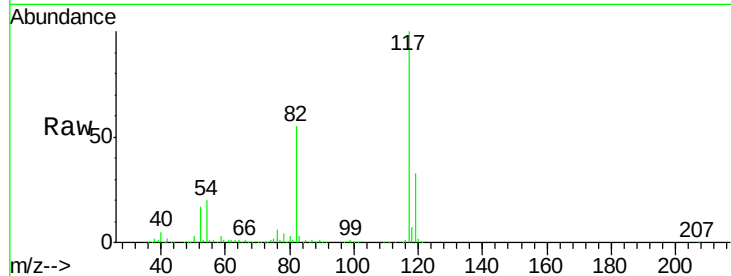




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.01 min
Lab File: VX019825.D
Acq: 10 Dec 2020 15:07

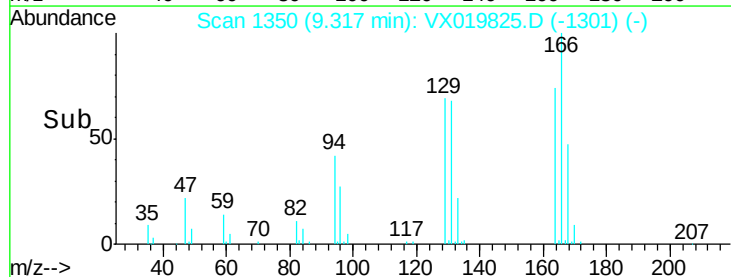
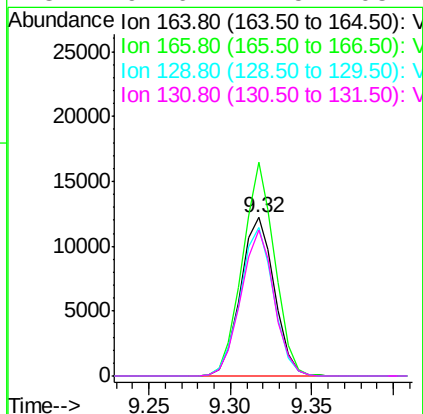
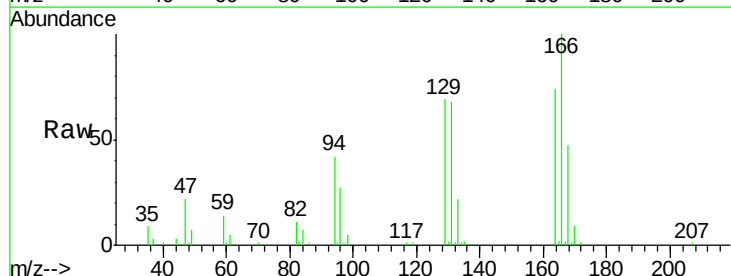
Instrument :
MSVOA_X
ClientSampleId :
RE132D4-20201207

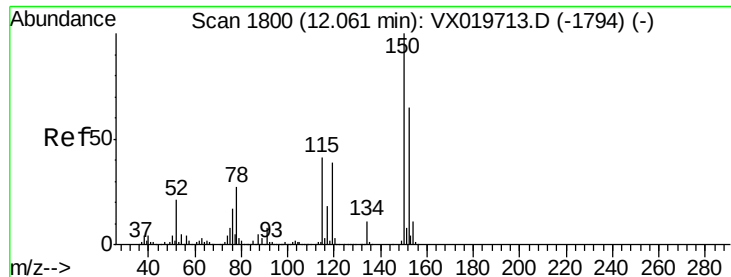
Tot Ion:117 Resp: 479327
Ion Ratio Lower Upper
117 100
82 54.7 47.4 71.2
119 32.5 26.6 39.8



#64
Tetrachloroethene
Concen: 5.494 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019825.D
Acq: 10 Dec 2020 15:07

Tgt Ion:164 Resp: 17660
Ion Ratio Lower Upper
164 100
166 134.6 103.4 155.2
129 93.3 70.8 106.2
131 91.6 72.5 108.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019825.D

Acq: 10 Dec 2020 15:07

Instrument :

MSVOA_X

ClientSampleId :

RE132D4-20201207

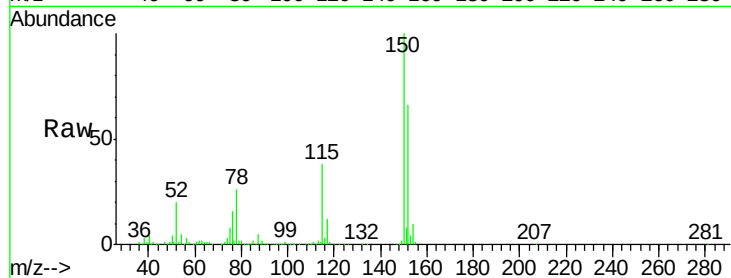
Tot Ion:152 Resp: 215011

Ion Ratio Lower Upper

152 100

115 58.7 41.1 123.3

150 154.7 0.0 349.0



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

