

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032621\
 Data File : VX021553.D
 Acq On : 27 Mar 2021 01:09
 Operator : JC/MD
 Sample : M1787-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE-126D1-20210319

Quant Time: Mar 27 04:35:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 24 12:25:26 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

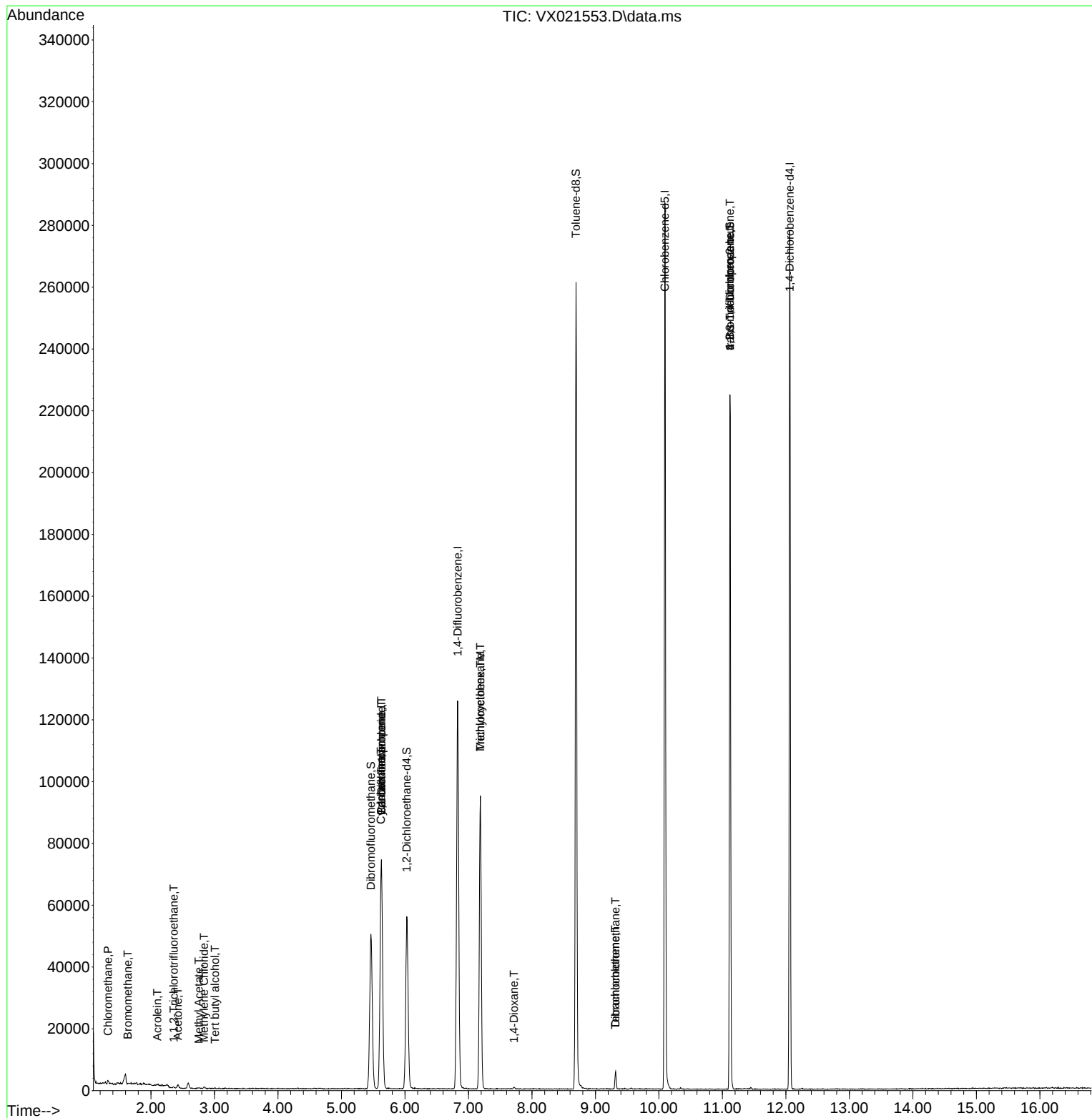
Internal Standards						
1) Pentafluorobenzene	5.629	168	64084	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	114897	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	118689	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	53408	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	54312	50.94	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.88%
35) Dibromofluoromethane	5.464	113	41260	50.55	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.10%
50) Toluene-d8	8.694	98	145706	50.10	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.20%
62) 4-Bromofluorobenzene	11.118	95	59505	52.63	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.26%
Target Compounds						Qvalue
3) Chloromethane	1.323	50	1730	2.18	ug/l	99
5) Bromomethane	1.634	94	114	0.39	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.358	101	148	0.22	ug/l #	64
11) Tert butyl alcohol	3.005	59	76	0.43	ug/l #	73
13) Acrolein	2.099	56	56	4.92	ug/l #	1
16) Acetone	2.423	43	1102	2.73	ug/l	88
18) Methyl Acetate	2.752	43	241	0.21	ug/l #	47
20) Methylene Chloride	2.835	84	205	0.26	ug/l #	89
31) Cyclohexane	5.623	56	1846	1.57	ug/l #	17
36) 1,1-Dichloropropene	5.629	75	5711	5.07	ug/l #	49
38) Carbon Tetrachloride	5.629	117	6930	5.73	ug/l #	15
39) Methylcyclohexane	7.188	83	531	0.43	ug/l #	1
44) Trichloroethene	7.188	130	33493	39.70	ug/l	95
49) 1,4-Dioxane	7.718	88	311	15.41	ug/l #	77
60) Dibromochloromethane	9.318	129	999	1.07	ug/l #	11
64) Tetrachloroethene	9.312	164	867	1.09	ug/l	86
76) 1,2,3-Trichloropropane	11.118	75	33513	26.95	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.118	75	33513	82.10	ug/l #	12

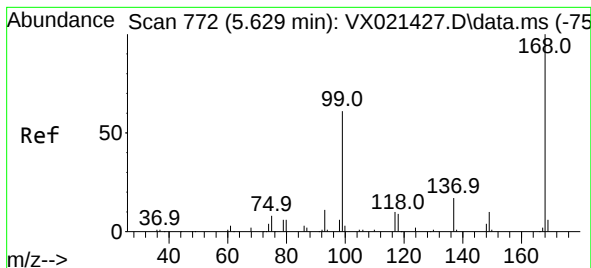
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Mar 24 12:25:26 2021
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.629 min Scan# 772

Delta R.T. 0.000 min

Lab File: VX021553.D

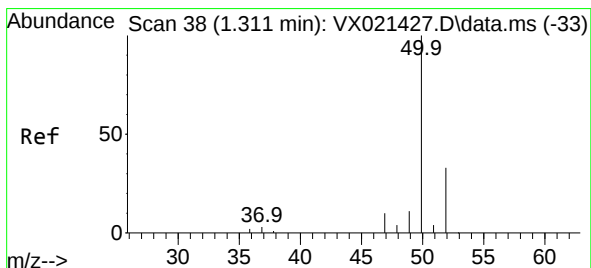
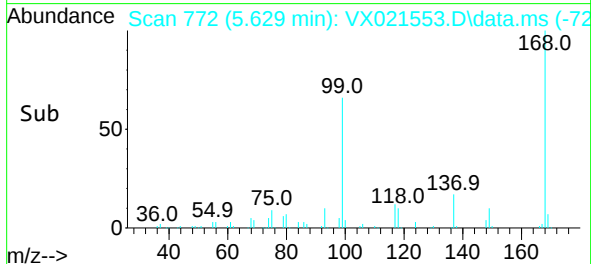
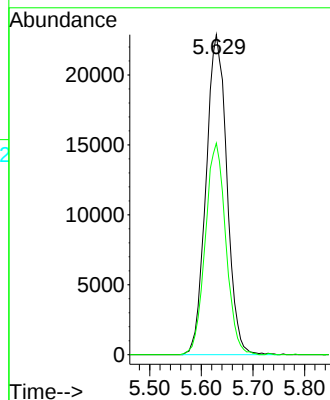
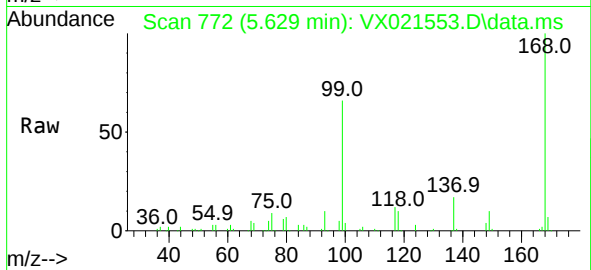
Acq: 27 Mar 2021 01:09

Tgt Ion:168 Resp: 64084

Ion Ratio Lower Upper

168 100

99 66.1 45.8 68.6



#3

Chloromethane

Concen: 2.18 ug/l

RT: 1.323 min Scan# 40

Delta R.T. 0.012 min

Lab File: VX021553.D

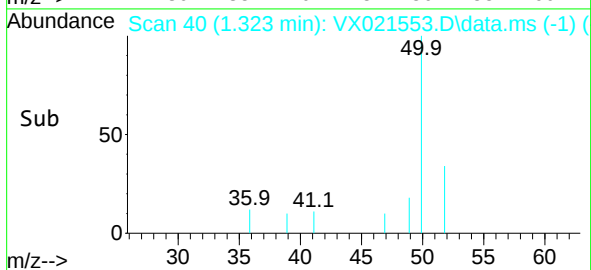
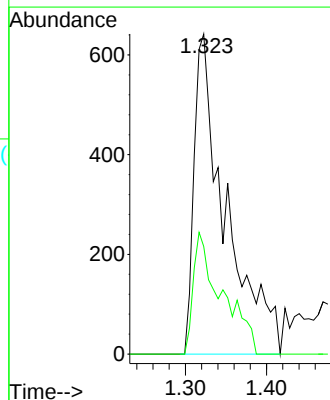
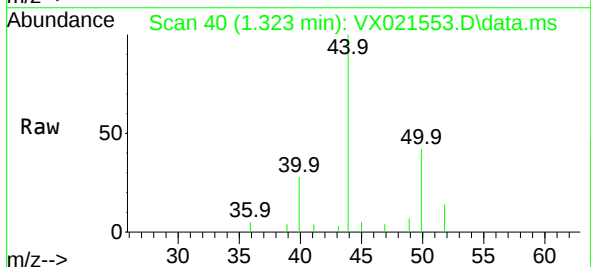
Acq: 27 Mar 2021 01:09

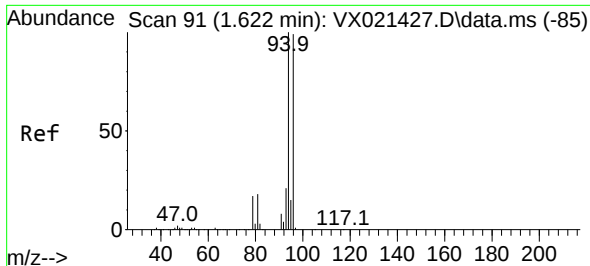
Tgt Ion: 50 Resp: 1730

Ion Ratio Lower Upper

50 100

52 33.6 26.4 39.6

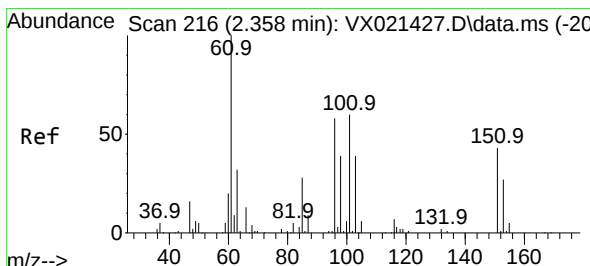
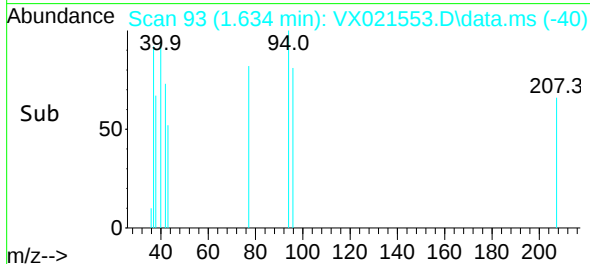
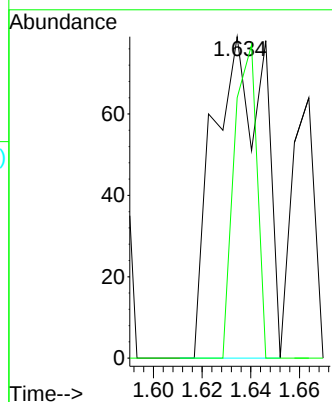
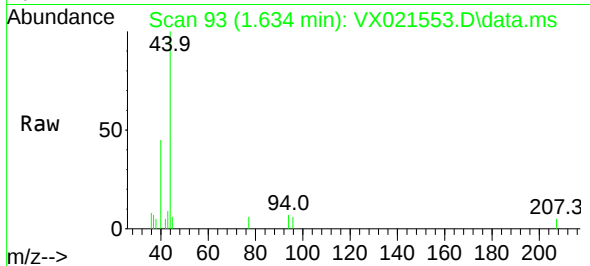




#5
Bromomethane
Concen: 0.39 ug/l
RT: 1.634 min Scan# 93
Delta R.T. 0.012 min
Lab File: VX021553.D
Acq: 27 Mar 2021 01:09

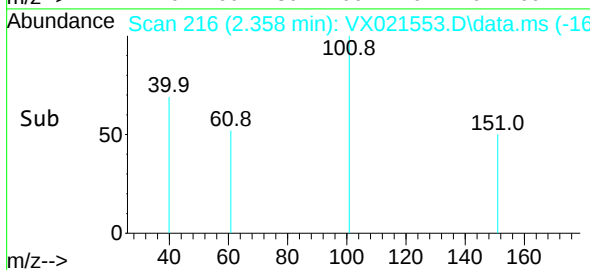
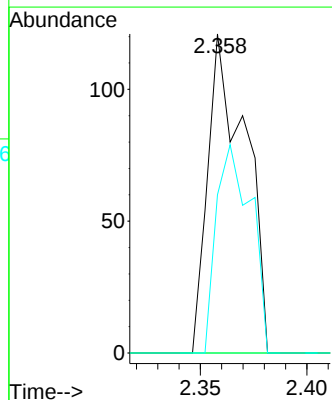
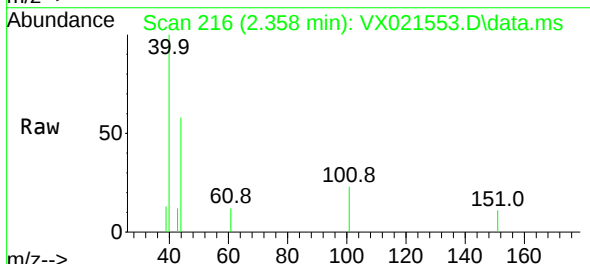
Instrument :
MSVOA_X
ClientSampleId :
RE-126D1-20210319

Tgt Ion: 94 Resp: 114
Ion Ratio Lower Upper
94 100
96 81.0 76.4 114.6



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.22 ug/l
RT: 2.358 min Scan# 216
Delta R.T. 0.000 min
Lab File: VX021553.D
Acq: 27 Mar 2021 01:09

Tgt Ion: 101 Resp: 148
Ion Ratio Lower Upper
101 100
85 0.0 34.9 52.3#
151 60.8 61.4 92.2#

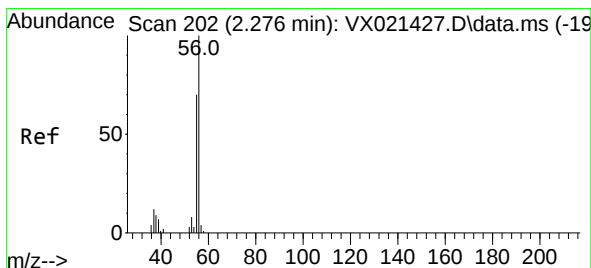
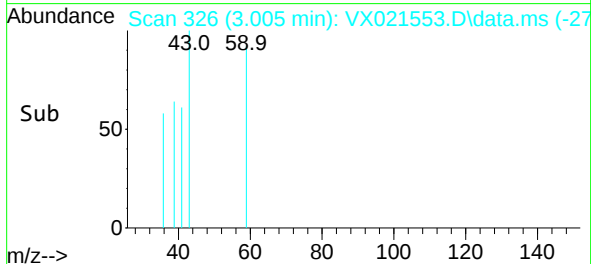
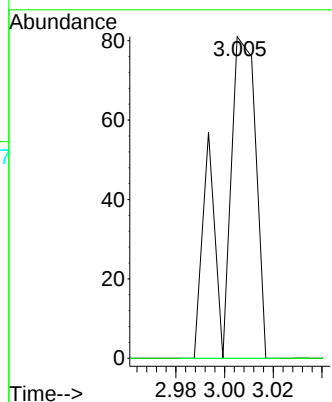
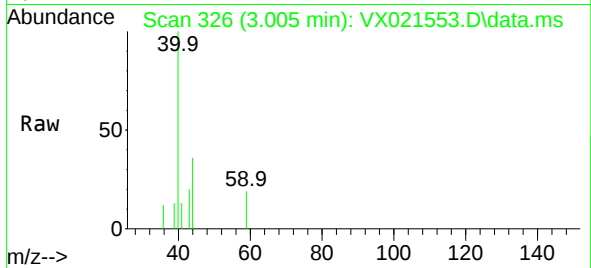




#11
Tert butyl alcohol
Concen: 0.43 ug/l
RT: 3.005 min Scan# 326
Delta R.T. -0.018 min
Lab File: VX021553.D
Acq: 27 Mar 2021 01:09

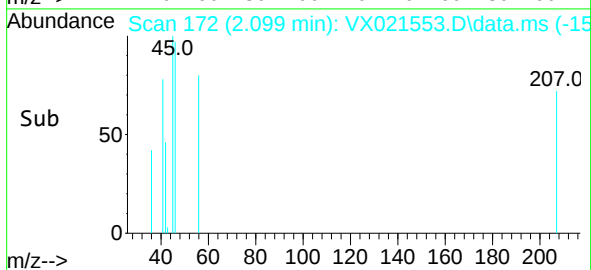
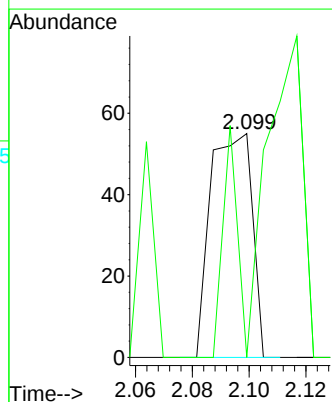
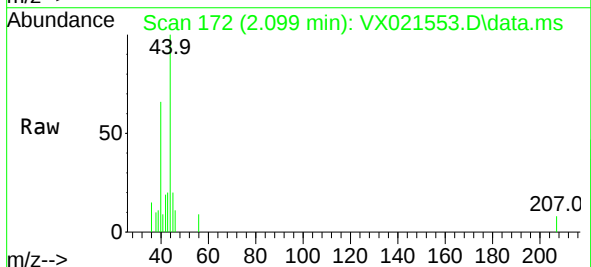
Instrument :
MSVOA_X
ClientSampleId :
RE-126D1-20210319

Tgt Ion: 59 Resp: 76
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#13
Acrolein
Concen: 4.92 ug/l
RT: 2.099 min Scan# 172
Delta R.T. -0.177 min
Lab File: VX021553.D
Acq: 27 Mar 2021 01:09

Tgt Ion: 56 Resp: 56
Ion Ratio Lower Upper
56 100
55 157.1 56.4 84.6#

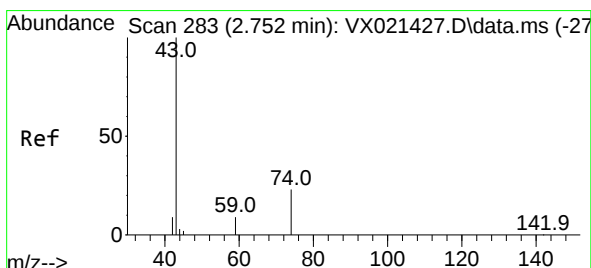
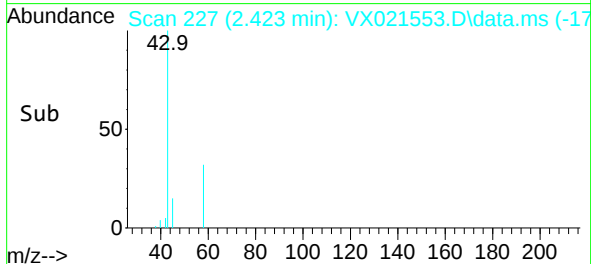
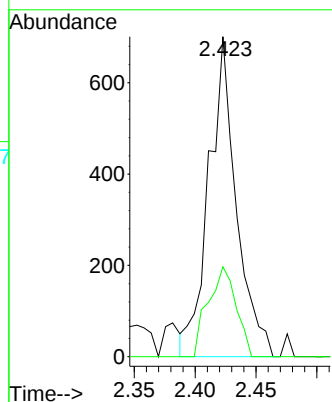
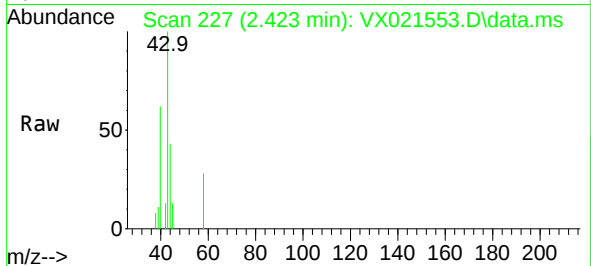




#16
Acetone
Concen: 2.73 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021553.D
Acq: 27 Mar 2021 01:09

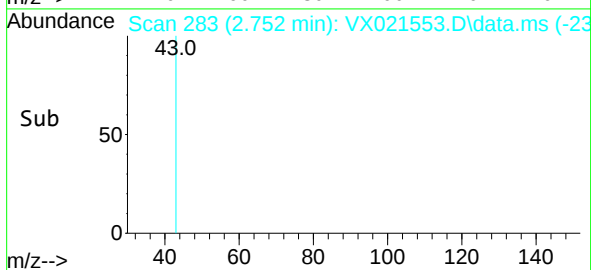
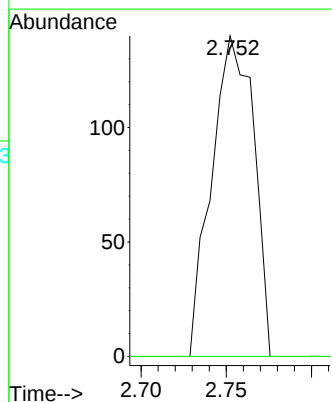
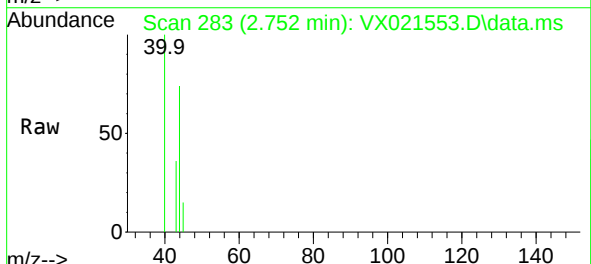
Instrument :
MSVOA_X
ClientSampleId :
RE-126D1-20210319

Tgt Ion: 43 Resp: 1102
Ion Ratio Lower Upper
43 100
58 28.1 27.8 41.8



#18
Methyl Acetate
Concen: 0.21 ug/l
RT: 2.752 min Scan# 283
Delta R.T. 0.000 min
Lab File: VX021553.D
Acq: 27 Mar 2021 01:09

Tgt Ion: 43 Resp: 241
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#

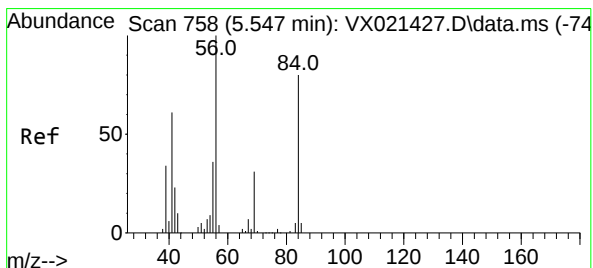
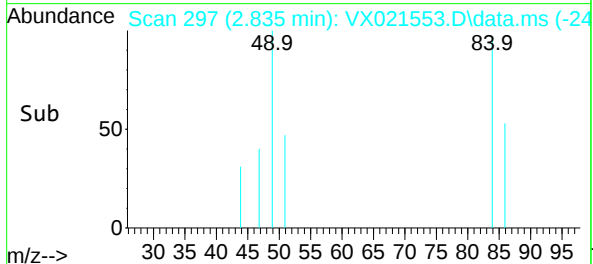
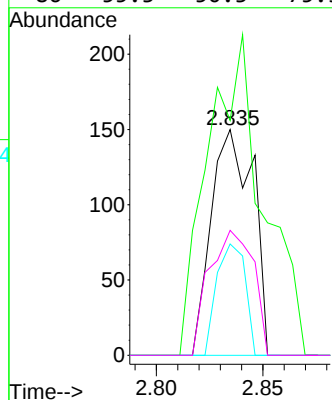
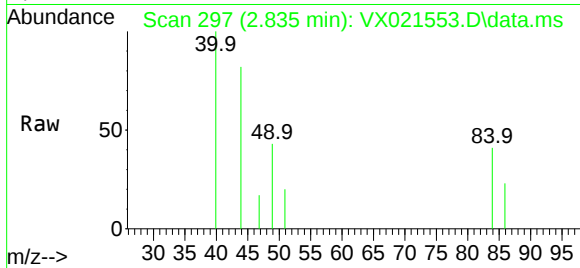




#20
Methylene Chloride
Concen: 0.26 ug/l
RT: 2.835 min Scan# 297
Delta R.T. 0.001 min
Lab File: VX021553.D
Acq: 27 Mar 2021 01:09

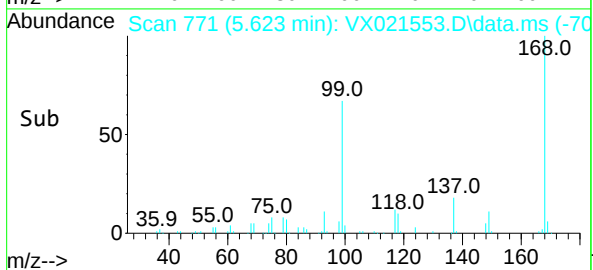
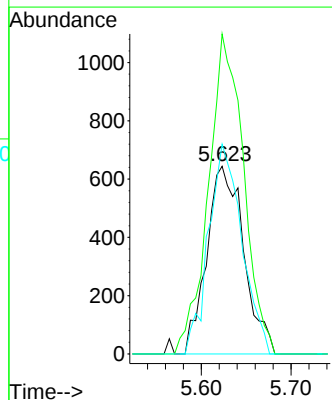
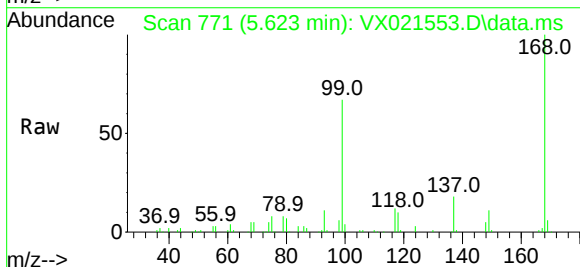
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MSVOA_X
ClientSampleId :
RE-126D1-20210319

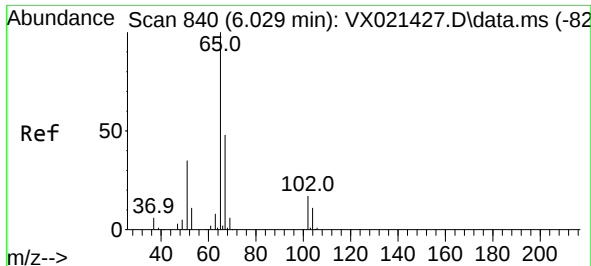
Tgt Ion:	84	Resp:	205
Ion	Ratio	Lower	Upper
84	100		
49	104.0	88.6	132.8
51	49.3	27.0	40.6#
86	55.3	50.3	75.5



#31
Cyclohexane
Concen: 1.57 ug/l
RT: 5.623 min Scan# 771
Delta R.T. 0.076 min
Lab File: VX021553.D
Acq: 27 Mar 2021 01:09

Tgt Ion:	56	Resp:	1846
Ion	Ratio	Lower	Upper
56	100		
69	170.5	25.3	37.9#
84	111.8	71.4	107.0#





#33

1,2-Dichloroethane-d4

Concen: 50.94 ug/l

RT: 6.029 min Scan# 840

Delta R.T. 0.000 min

Lab File: VX021553.D

Acq: 27 Mar 2021 01:09

Tgt Ion: 65 Resp: 54312

Ion Ratio Lower Upper

65 100

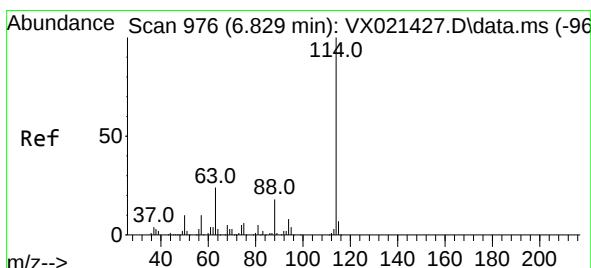
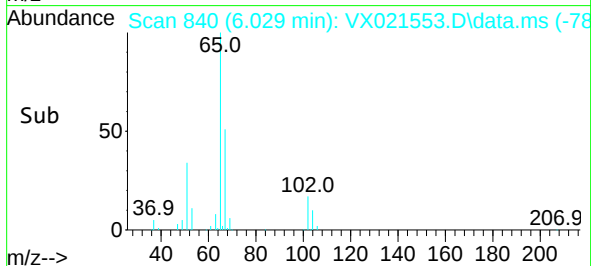
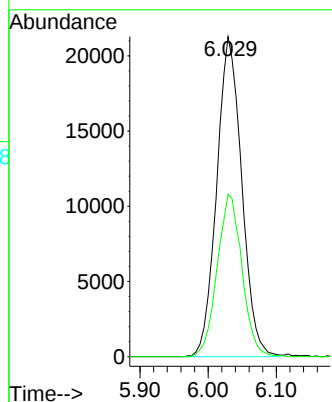
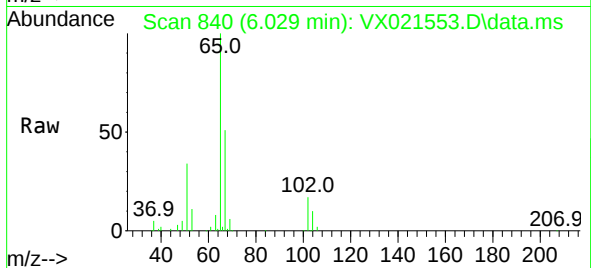
67 50.3 0.0 105.4

Instrument :

MSVOA_X

ClientSampleId :

RE-126D1-20210319



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.829 min Scan# 976

Delta R.T. 0.000 min

Lab File: VX021553.D

Acq: 27 Mar 2021 01:09

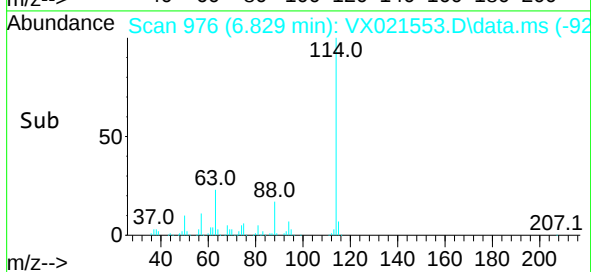
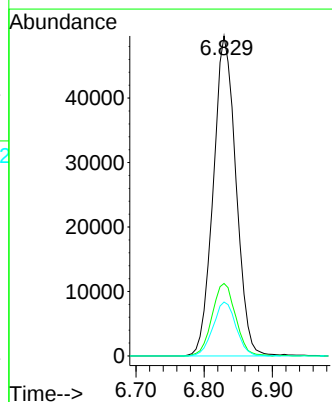
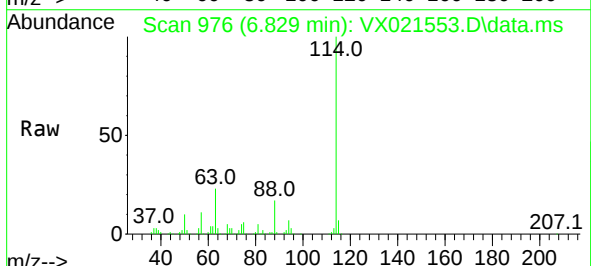
Tgt Ion: 114 Resp: 114897

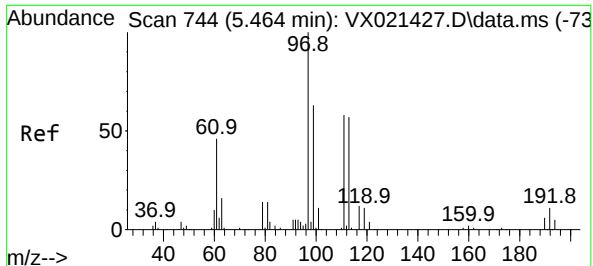
Ion Ratio Lower Upper

114 100

63 22.7 0.0 40.8

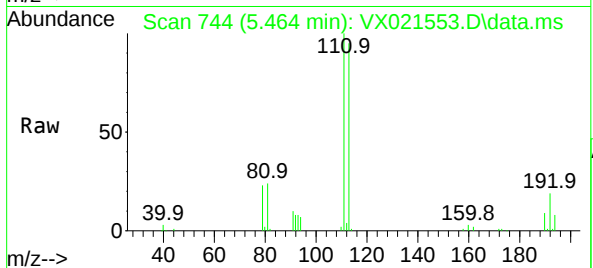
88 16.9 0.0 32.8



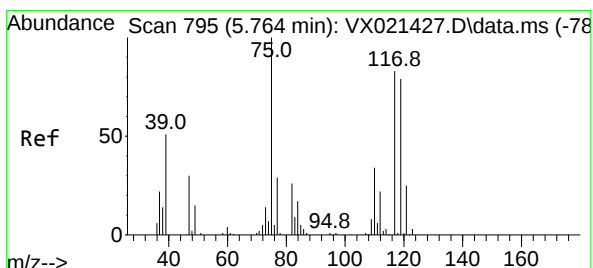
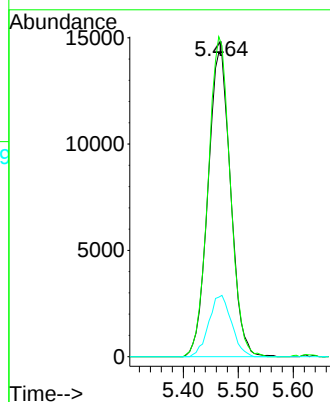
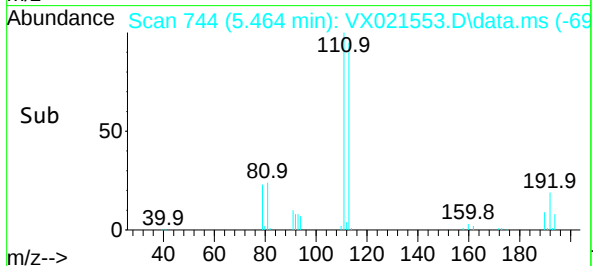


#35
Dibromofluoromethane
Concen: 50.55 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021553.D
Acq: 27 Mar 2021 01:09

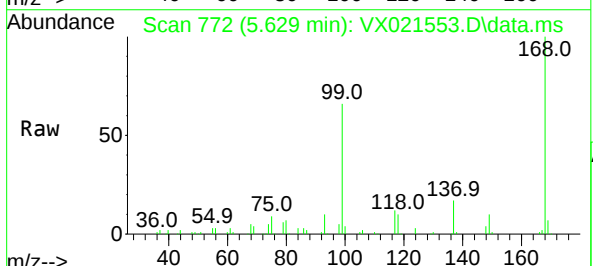
Instrument :
MSVOA_X
ClientSampleId :
RE-126D1-20210319



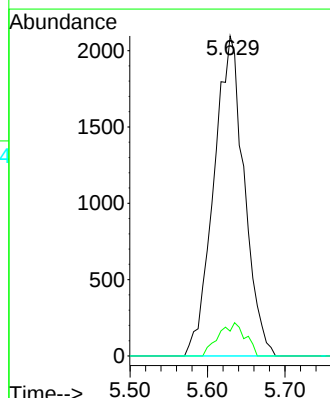
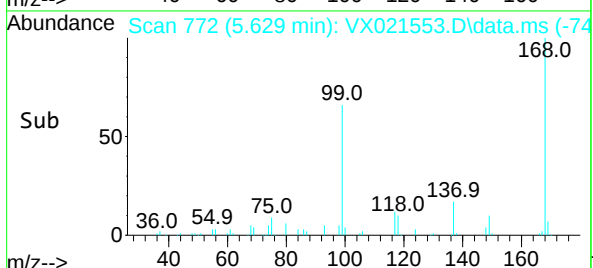
Tgt Ion:113 Resp: 41260
Ion Ratio Lower Upper
113 100
111 102.4 81.9 122.9
192 20.1 16.7 25.1

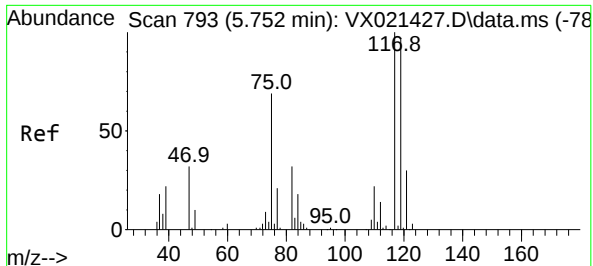


#36
1,1-Dichloropropene
Concen: 5.07 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.135 min
Lab File: VX021553.D
Acq: 27 Mar 2021 01:09



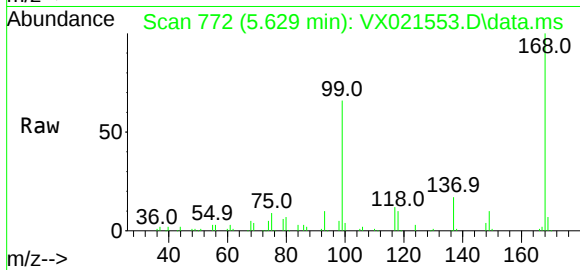
Tgt Ion: 75 Resp: 5711
Ion Ratio Lower Upper
75 100
110 9.2 18.1 54.4#
77 0.0 25.3 37.9#



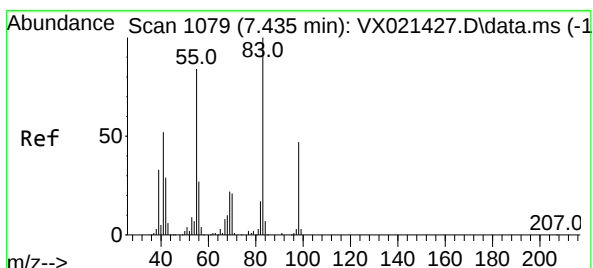
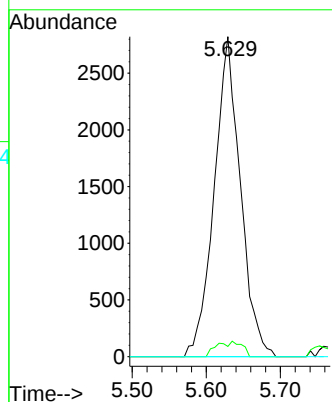
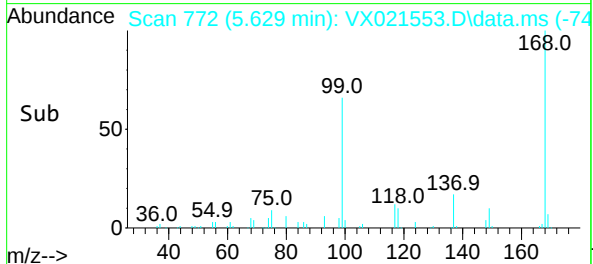


#38
Carbon Tetrachloride
Concen: 5.73 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.123 min
Lab File: VX021553.D
Acq: 27 Mar 2021 01:09

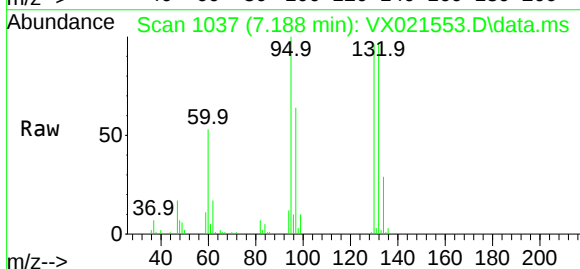
Instrument :
MSVOA_X
ClientSampleId :
RE-126D1-20210319



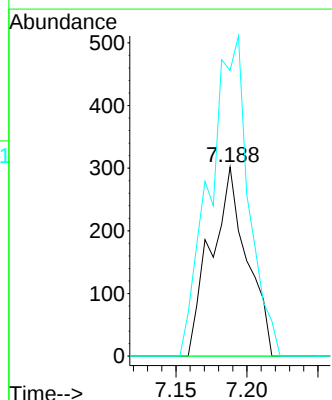
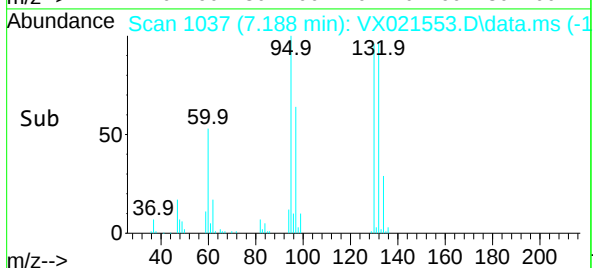
Tgt Ion:117 Resp: 6930
Ion Ratio Lower Upper
117 100
119 3.2 76.2 114.2#
121 0.0 24.8 37.2#

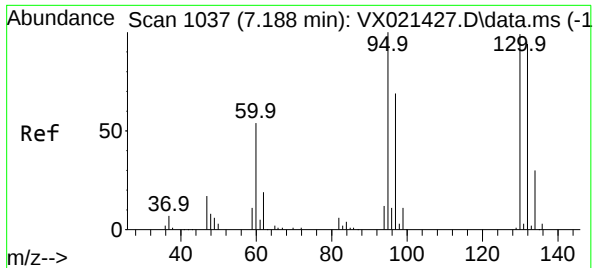


#39
Methylcyclohexane
Concen: 0.43 ug/l
RT: 7.188 min Scan# 1037
Delta R.T. -0.247 min
Lab File: VX021553.D
Acq: 27 Mar 2021 01:09



Tgt Ion: 83 Resp: 531
Ion Ratio Lower Upper
83 100
55 0.0 58.9 88.3#
98 151.0 38.1 57.1#

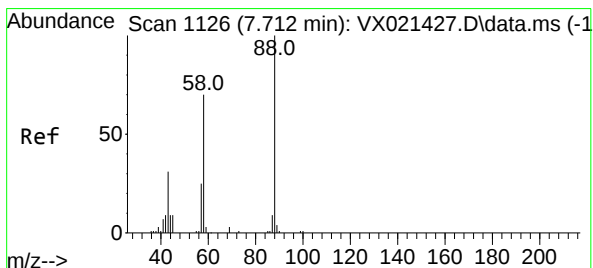
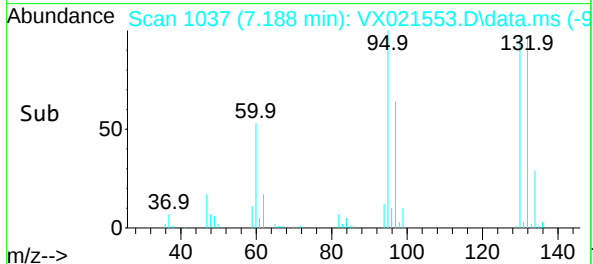
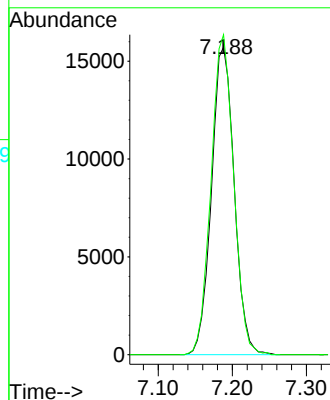
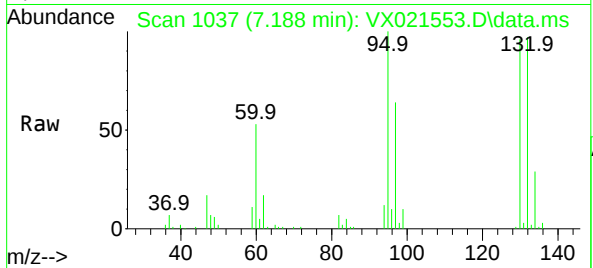




#44
Trichloroethene
Concen: 39.70 ug/l
RT: 7.188 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VX021553.D
Acq: 27 Mar 2021 01:09

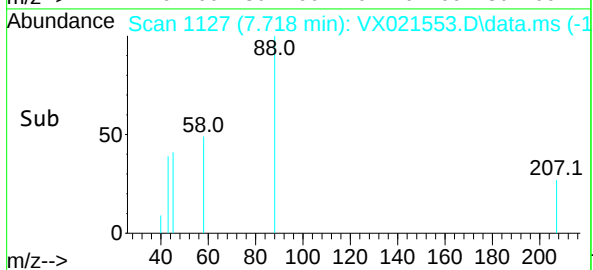
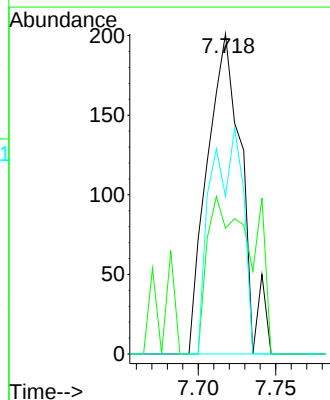
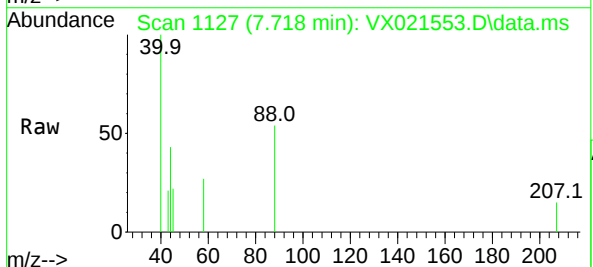
Instrument :
MSVOA_X
ClientSampleId :
RE-126D1-20210319

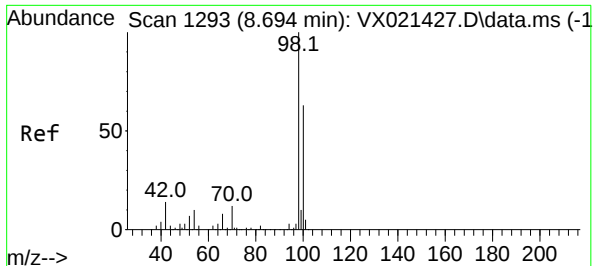
Tgt Ion:130 Resp: 33493
Ion Ratio Lower Upper
130 100
95 104.0 0.0 198.0



#49
1,4-Dioxane
Concen: 15.41 ug/l
RT: 7.718 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VX021553.D
Acq: 27 Mar 2021 01:09

Tgt Ion: 88 Resp: 311
Ion Ratio Lower Upper
88 100
43 64.3 23.2 34.8#
58 65.0 55.0 82.4

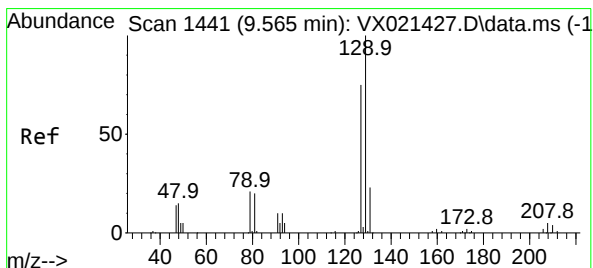
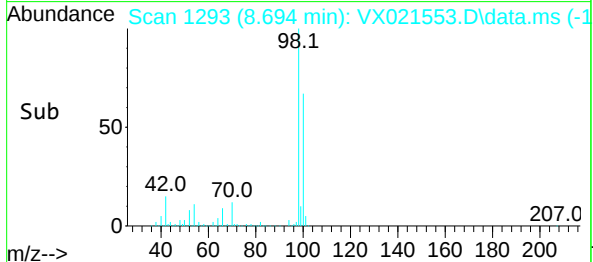
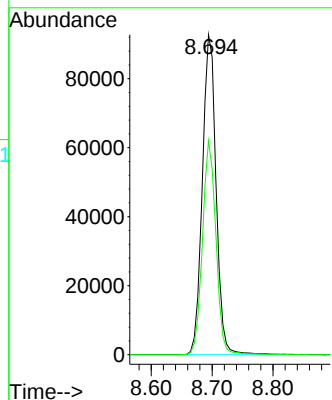
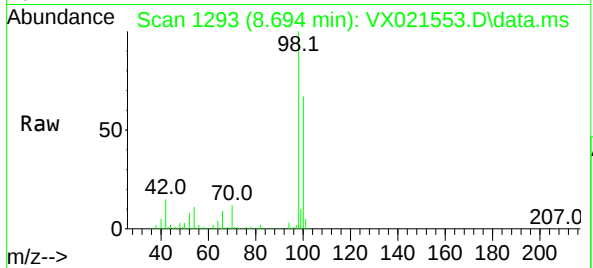




#50
Toluene-d8
Concen: 50.10 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021553.D
Acq: 27 Mar 2021 01:09

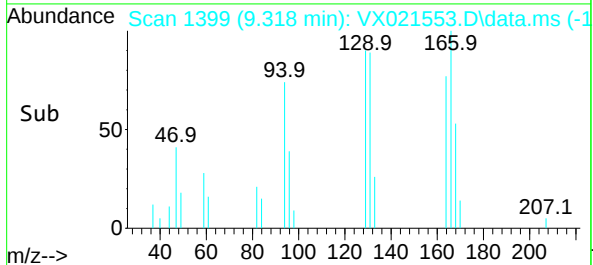
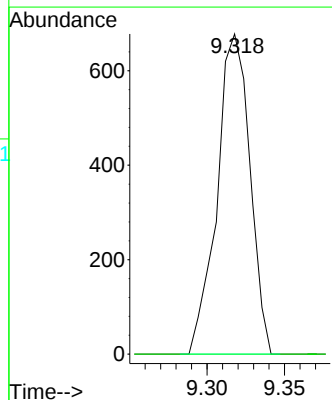
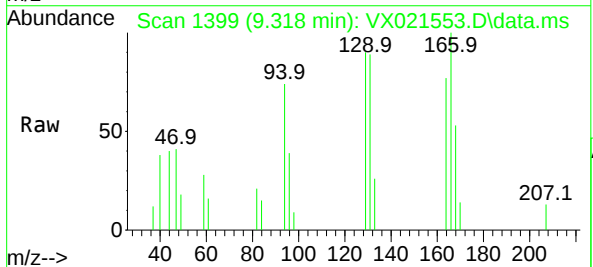
Instrument :
MSVOA_X
ClientSampleId :
RE-126D1-20210319

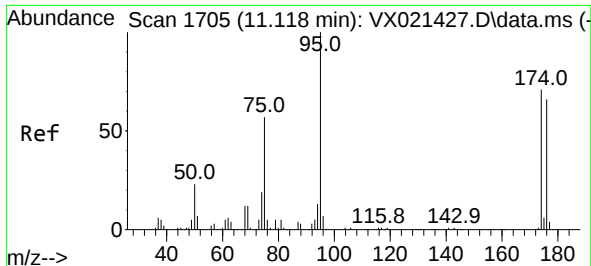
Tgt Ion: 98 Resp: 145706
Ion Ratio Lower Upper
98 100
100 65.6 51.9 77.9



#60
Dibromochloromethane
Concen: 1.07 ug/l
RT: 9.318 min Scan# 1399
Delta R.T. -0.247 min
Lab File: VX021553.D
Acq: 27 Mar 2021 01:09

Tgt Ion: 129 Resp: 999
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

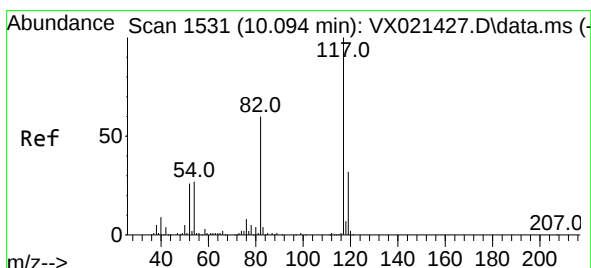
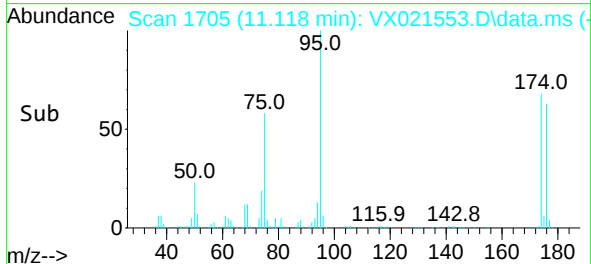
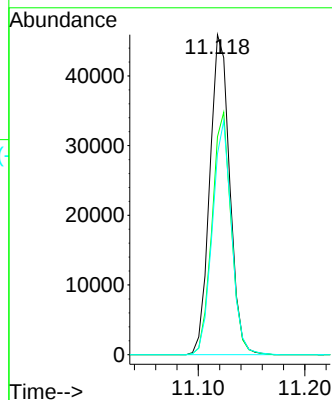
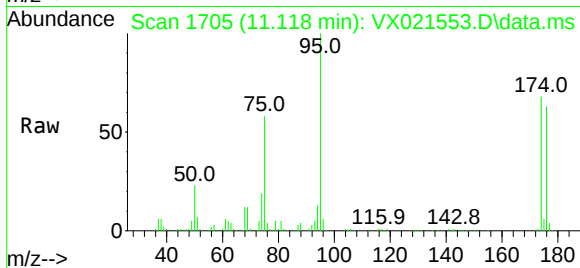




#62
4-Bromofluorobenzene
Concen: 52.63 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VX021553.D
Acq: 27 Mar 2021 01:09

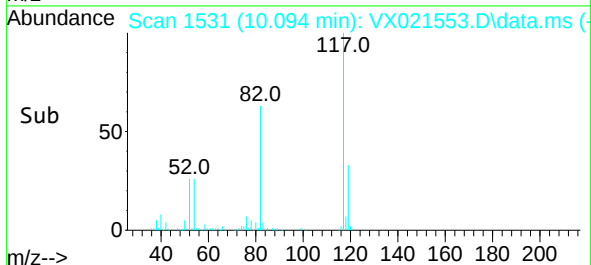
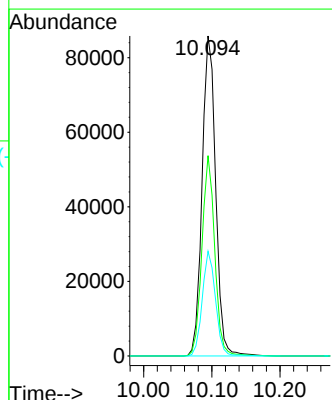
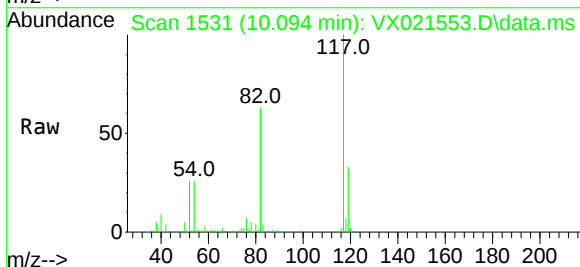
Instrument :
MSVOA_X
ClientSampleId :
RE-126D1-20210319

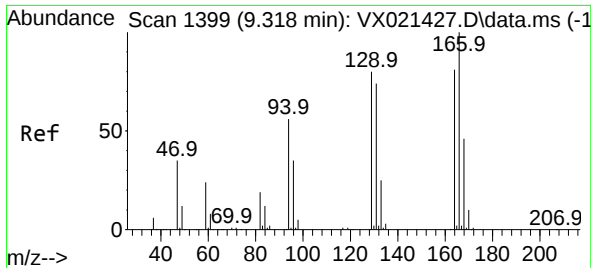
Tgt Ion: 95 Resp: 59505
Ion Ratio Lower Upper
95 100
174 73.0 0.0 154.6
176 70.2 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021553.D
Acq: 27 Mar 2021 01:09

Tgt Ion: 117 Resp: 118689
Ion Ratio Lower Upper
117 100
82 62.6 47.4 71.2
119 32.7 26.6 39.8



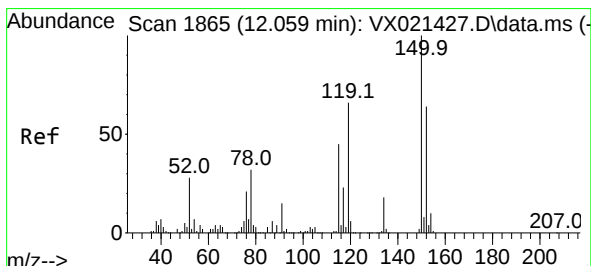
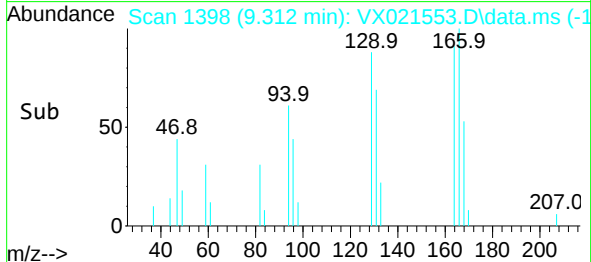
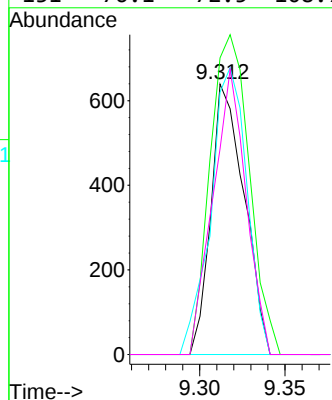
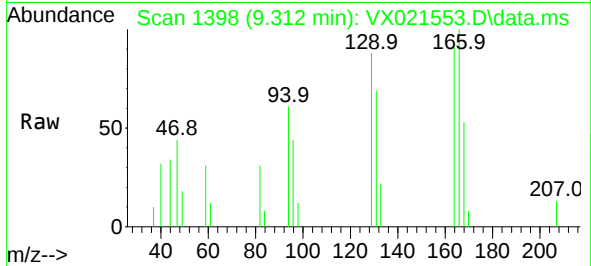


#64
Tetrachloroethene
Concen: 1.09 ug/l
RT: 9.312 min Scan# 1398
Delta R.T. -0.006 min
Lab File: VX021553.D
Acq: 27 Mar 2021 01:09

Instrument :
MSVOA_X
ClientSampleId :
RE-126D1-20210319

Tgt Ion:164 Resp: 867

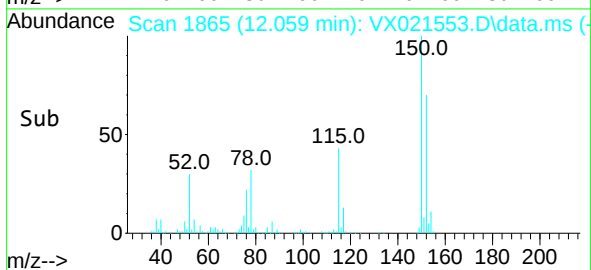
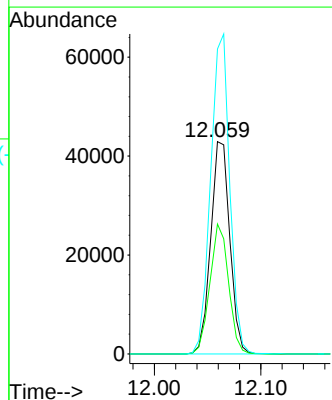
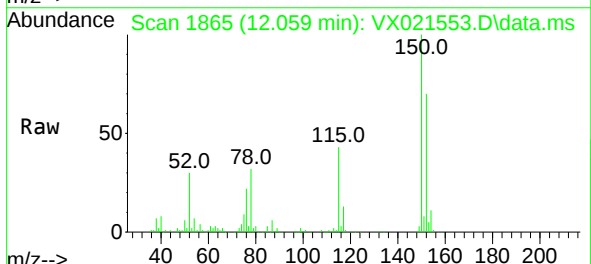
Ion	Ratio	Lower	Upper
164	100		
166	109.7	103.4	155.2
129	97.0	70.8	106.2
131	76.1	72.5	108.7

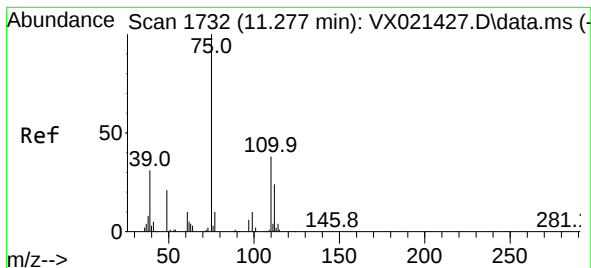


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021553.D
Acq: 27 Mar 2021 01:09

Tgt Ion:152 Resp: 53408

Ion	Ratio	Lower	Upper
152	100		
115	59.9	41.1	123.3
150	150.3	0.0	349.0

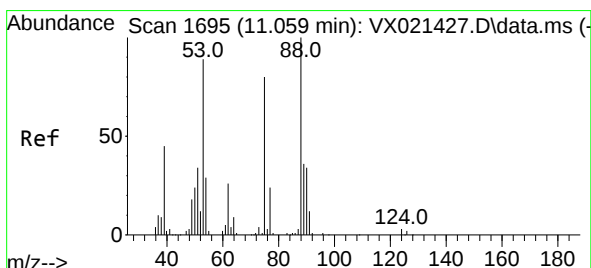
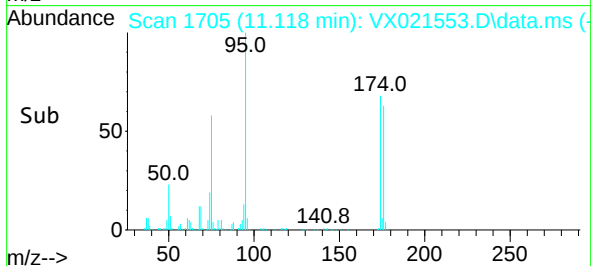
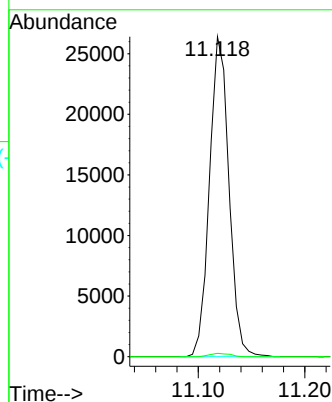
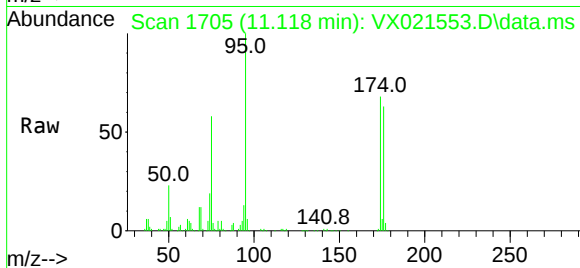




#76
1,2,3-Trichloropropane
Concen: 26.95 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021553.D
Acq: 27 Mar 2021 01:09

Instrument :
MSVOA_X
ClientSampleId :
RE-126D1-20210319

Tgt Ion: 75 Resp: 33513
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 82.10 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021553.D
Acq: 27 Mar 2021 01:09

Tgt Ion: 75 Resp: 33513
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

