

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123121\
 Data File : VX026198.D
 Acq On : 31 Dec 2021 03:38
 Operator : JC/MD
 Sample : PB141623TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 31 21:35:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 30 08:02:21 2021
 Response via : Initial Calibration

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

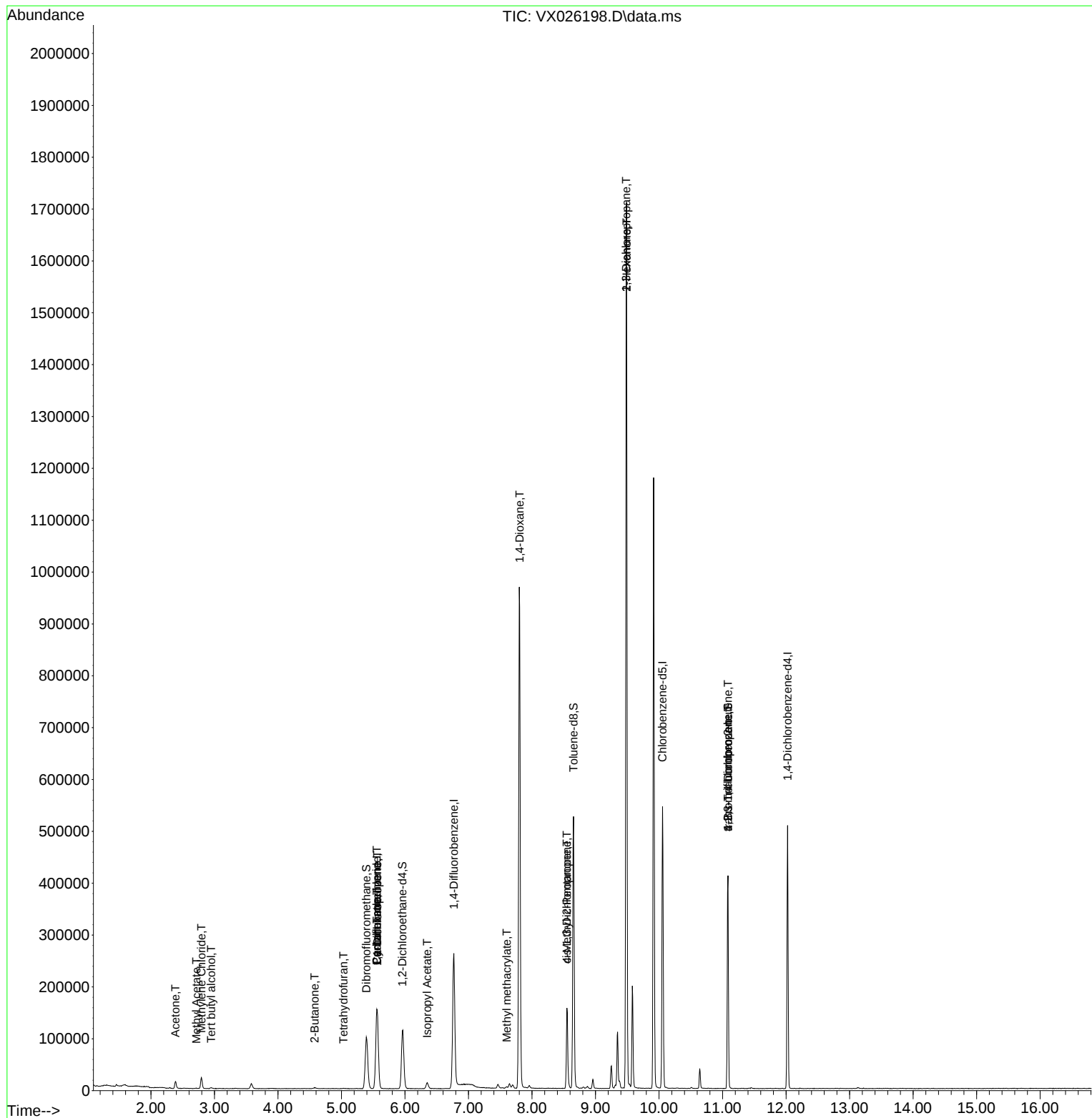
Internal Standards						
1) Pentafluorobenzene	5.556	168	138370	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	241403	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	221625	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93091	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	108642	54.272	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 108.540%		
35) Dibromofluoromethane	5.391	113	82644	52.658	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 105.320%		
50) Toluene-d8	8.653	98	294267	50.408	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 100.820%		
62) 4-Bromofluorobenzene	11.085	95	100115	48.175	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 96.340%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.946	59	1409	3.524	ug/l #	73
16) Acetone	2.386	43	15180	13.996	ug/l	91
18) Methyl Acetate	2.715	43	1420	0.404	ug/l #	78
20) Methylene Chloride	2.794	84	8379	3.961	ug/l #	86
25) 2-Butanone	4.574	43	2682	1.775	ug/l #	87
29) Tetrahydrofuran	5.031	42	528	0.554	ug/l #	64
31) Cyclohexane	5.556	56	3663	1.285	ug/l #	29
36) 1,1-Dichloropropene	5.562	75	11846	4.680	ug/l #	50
38) Carbon Tetrachloride	5.556	117	15029	5.337	ug/l #	16
43) Isopropyl Acetate	6.348	43	15406	3.221	ug/l	97
48) Methyl methacrylate	7.604	41	4178	1.821	ug/l #	12
49) 1,4-Dioxane	7.805	88	68	1.608	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	56933	19.125	ug/l #	49
54) cis-1,3-Dichloropropene	8.549	75	22949	7.786	ug/l #	68
57) 1,3-Dichloropropane	9.482	76	14222	4.542	ug/l #	42
59) 2-Hexanone	9.488	43	220424	97.753	ug/l #	49
76) 1,2,3-Trichloropropane	11.085	75	56183	25.004	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	56183	72.336	ug/l #	10

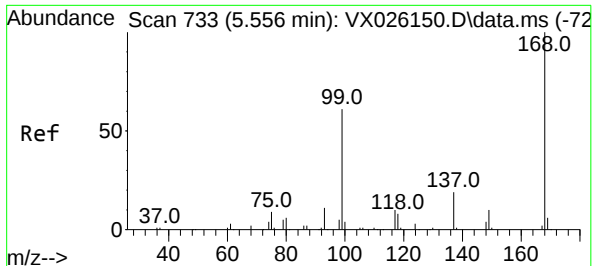
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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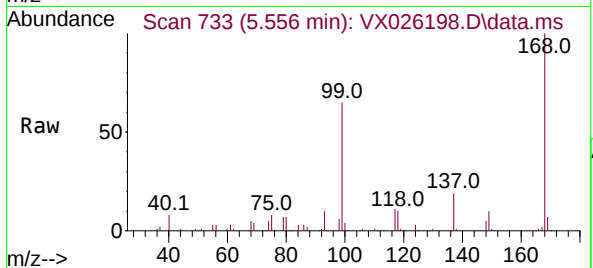
Quant Time: Dec 31 21:35:14 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 30 08:02:21 2021
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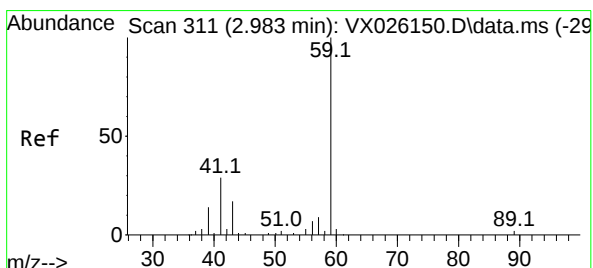
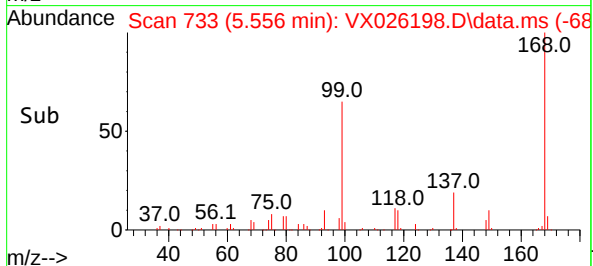
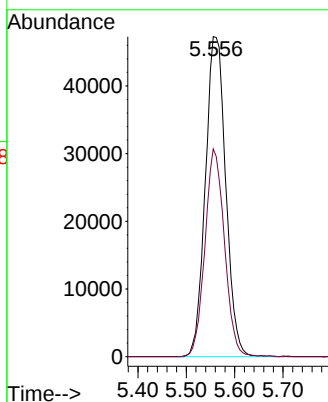


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026198.D
Acq: 31 Dec 2021 03:38

Instrument :
MSVOA_X
ClientSampleId :

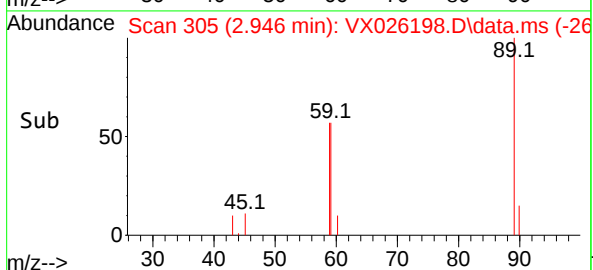
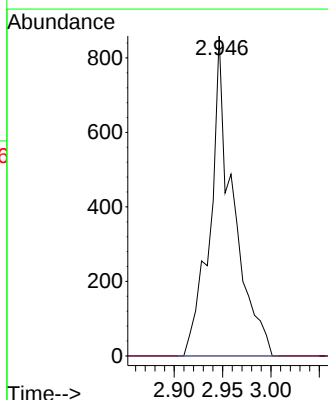
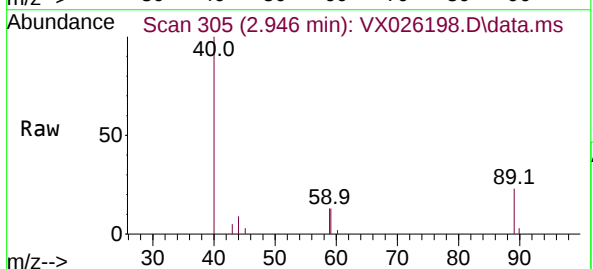


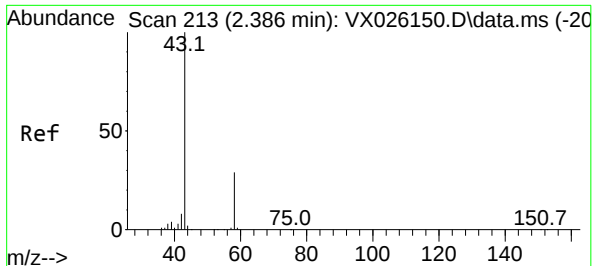
Tgt Ion:168 Resp: 138370
Ion Ratio Lower Upper
168 100
99 65.0 45.8 68.8



#11
Tert butyl alcohol
Concen: 3.524 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.037 min
Lab File: VX026198.D
Acq: 31 Dec 2021 03:38

Tgt Ion: 59 Resp: 1409
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

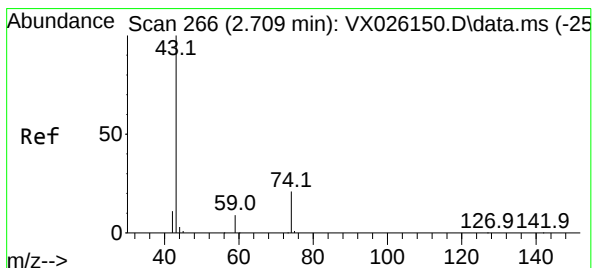
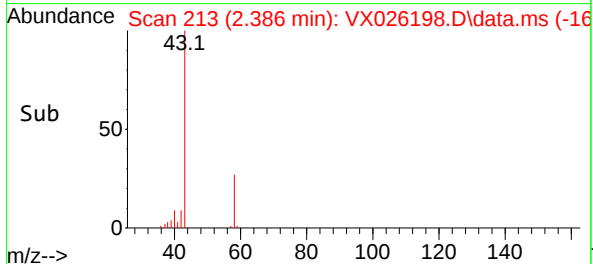
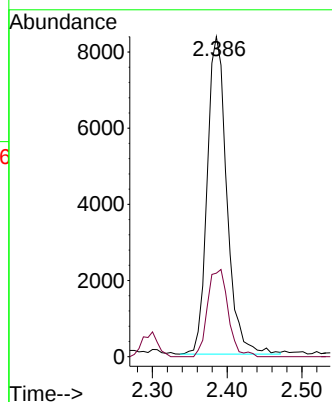
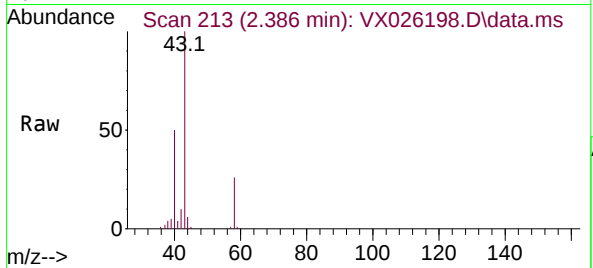




#16
Acetone
Concen: 13.996 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX026198.D
Acq: 31 Dec 2021 03:38

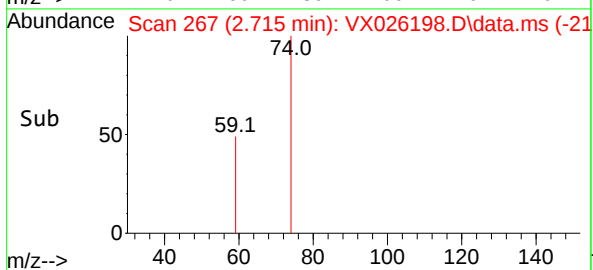
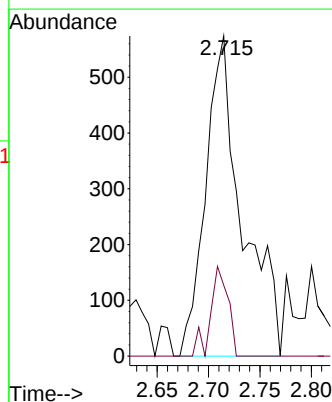
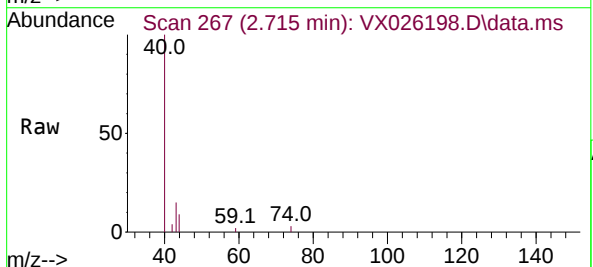
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 15180
Ion Ratio Lower Upper
43 100
58 26.3 24.8 37.2



#18
Methyl Acetate
Concen: 0.404 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX026198.D
Acq: 31 Dec 2021 03:38

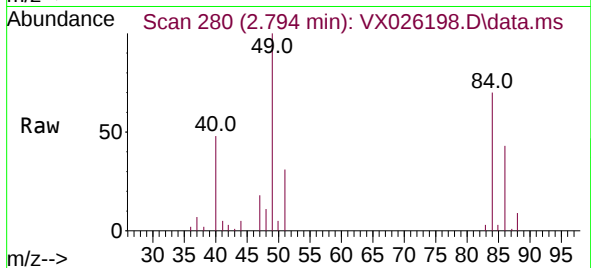
Tgt Ion: 43 Resp: 1420
Ion Ratio Lower Upper
43 100
74 13.3 19.1 28.7#



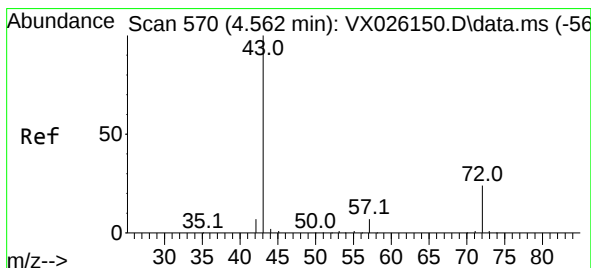
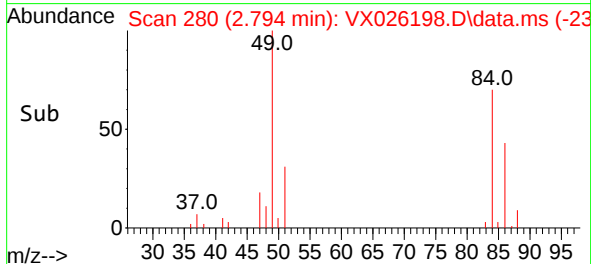
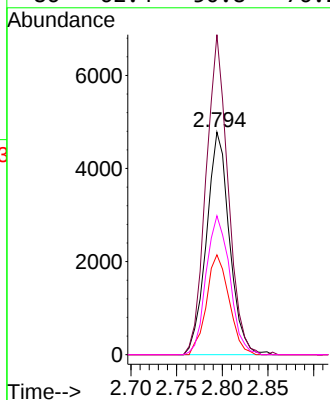


#20
Methylene Chloride
Concen: 3.961 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX026198.D
Acq: 31 Dec 2021 03:38

Instrument :
MSVOA_X
ClientSampleId :

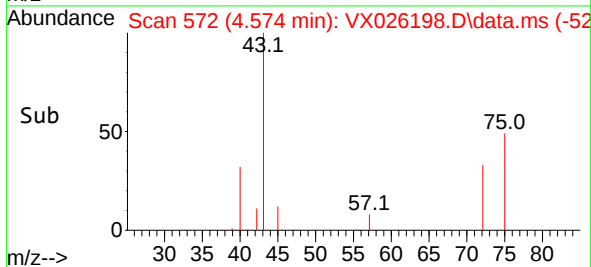
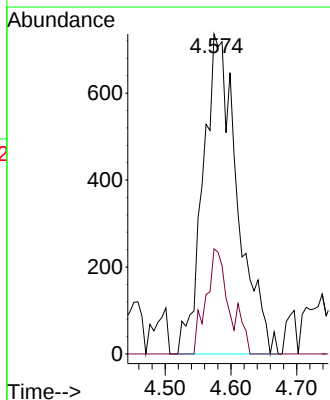
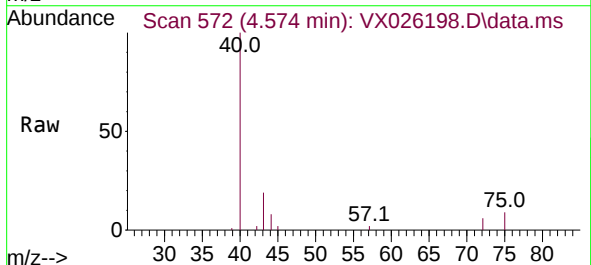


Tgt Ion:	84	Resp:	8379
Ion	Ratio	Lower	Upper
84	100		
49	143.7	97.1	145.7
51	44.8	29.3	43.9#
86	62.4	50.8	76.2



#25
2-Butanone
Concen: 1.775 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.012 min
Lab File: VX026198.D
Acq: 31 Dec 2021 03:38

Tgt Ion:	43	Resp:	2682
Ion	Ratio	Lower	Upper
43	100		
72	32.9	21.0	31.4#





#29

Tetrahydrofuran

Concen: 0.554 ug/l

RT: 5.031 min Scan# 644

Delta R.T. 0.018 min

Lab File: VX026198.D

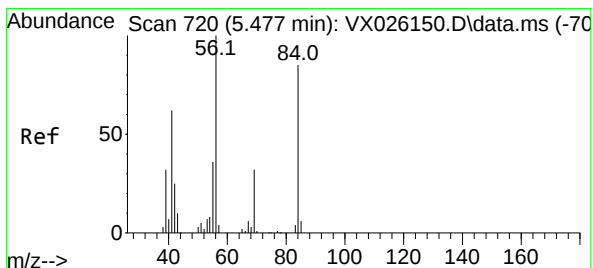
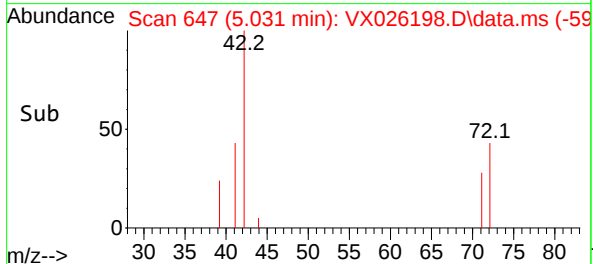
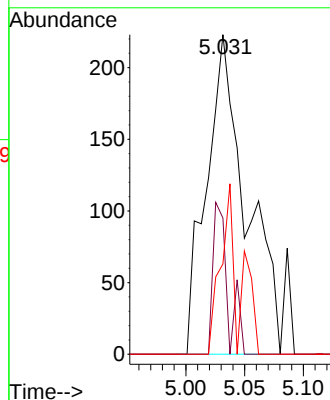
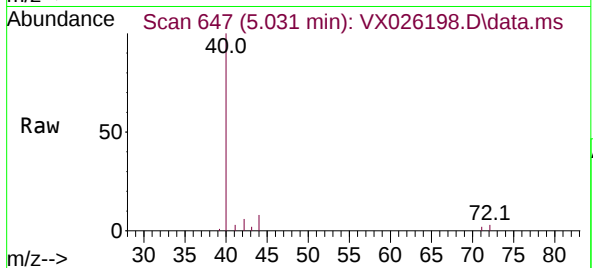
Acq: 31 Dec 2021 03:38

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	42	Resp:	528
Ion	Ratio	Lower	Upper
42	100		
72	17.6	37.0	55.6#
71	25.0	34.1	51.1#



#31

Cyclohexane

Concen: 1.285 ug/l

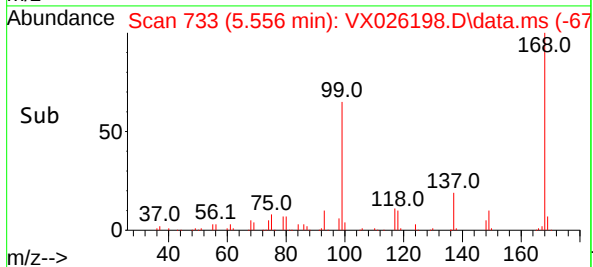
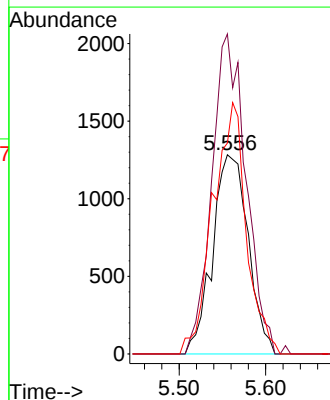
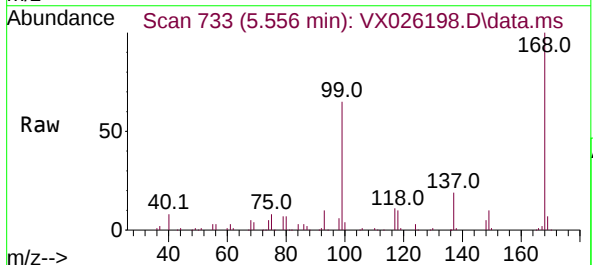
RT: 5.556 min Scan# 733

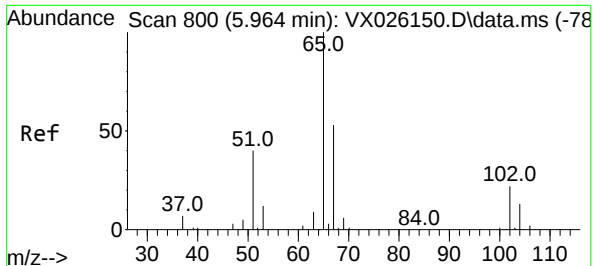
Delta R.T. 0.079 min

Lab File: VX026198.D

Acq: 31 Dec 2021 03:38

Tgt Ion:	56	Resp:	3663
Ion	Ratio	Lower	Upper
56	100		
69	160.6	23.9	35.9#
84	105.8	73.2	109.8





#33

1,2-Dichloroethane-d4

Concen: 54.272 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX026198.D

Acq: 31 Dec 2021 03:38

Instrument :

MSVOA_X

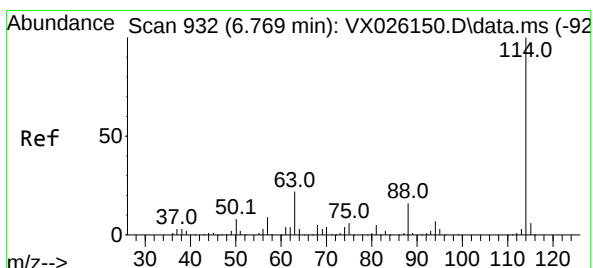
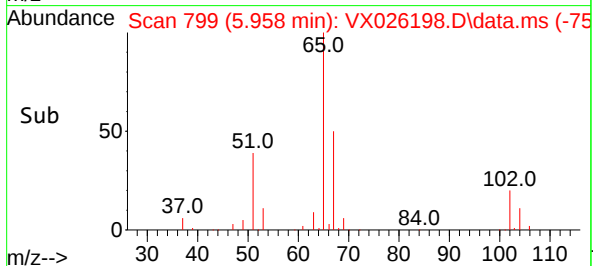
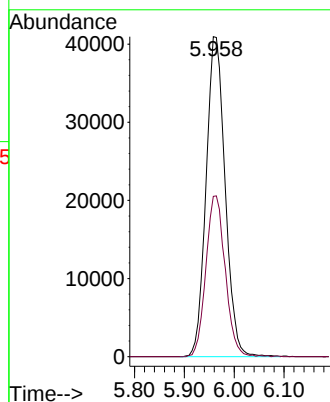
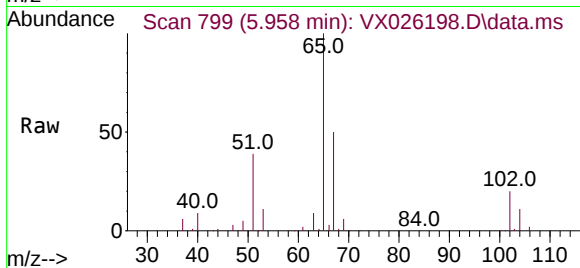
ClientSampleId :

Tgt Ion: 65 Resp: 108642

Ion Ratio Lower Upper

65 100

67 51.0 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. -0.000 min

Lab File: VX026198.D

Acq: 31 Dec 2021 03:38

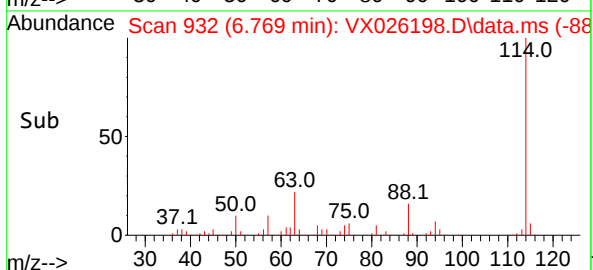
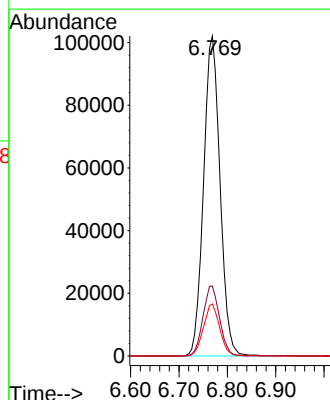
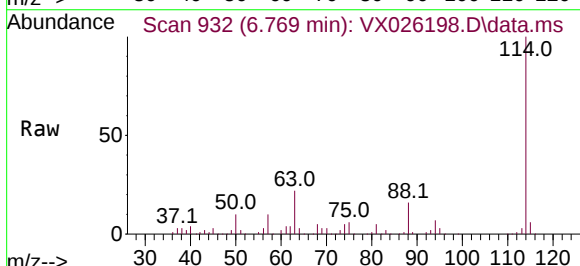
Tgt Ion: 114 Resp: 241403

Ion Ratio Lower Upper

114 100

63 21.9 0.0 40.0

88 16.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 52.658 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

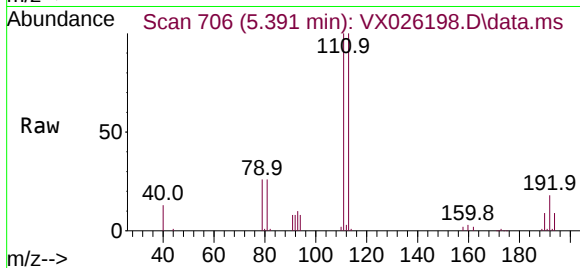
Lab File: VX026198.D

Acq: 31 Dec 2021 03:38

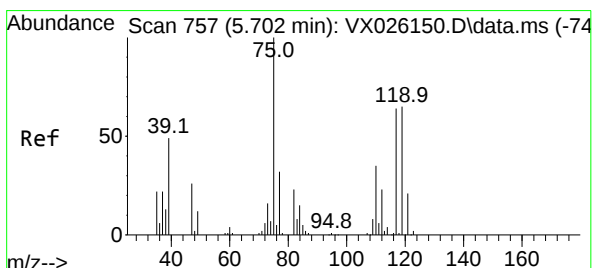
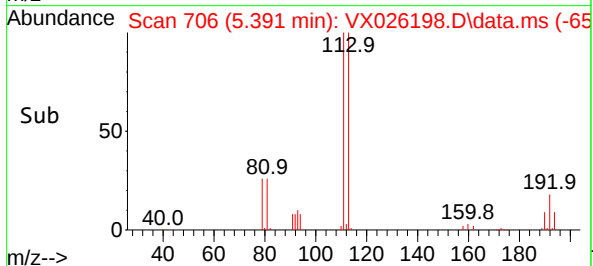
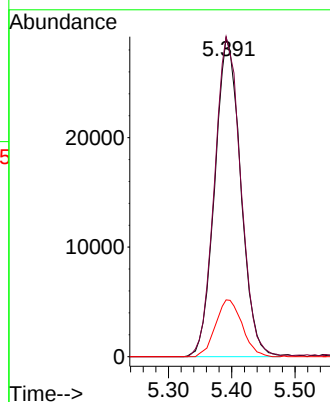
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	113	Resp:	82644
Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.8	122.8
192	18.3	15.0	22.4



#36

1,1-Dichloropropene

Concen: 4.680 ug/l

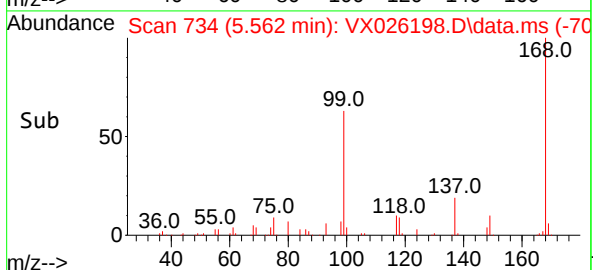
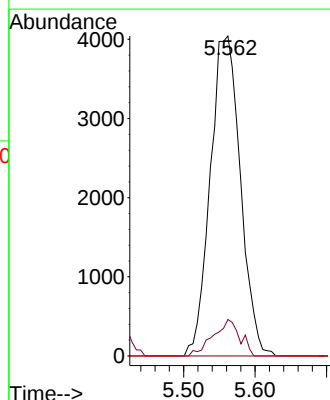
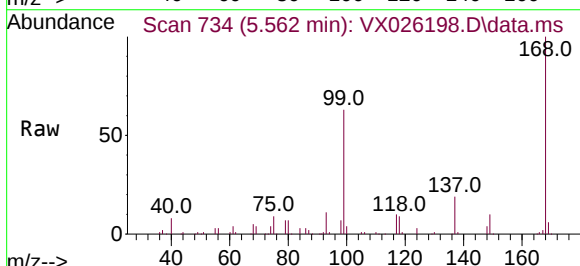
RT: 5.562 min Scan# 734

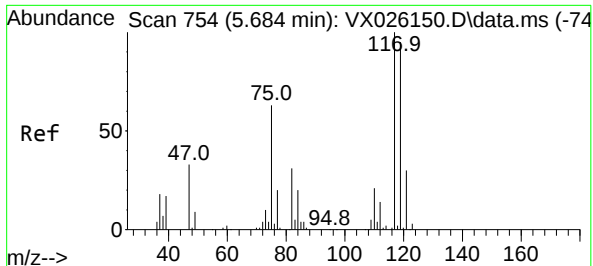
Delta R.T. -0.140 min

Lab File: VX026198.D

Acq: 31 Dec 2021 03:38

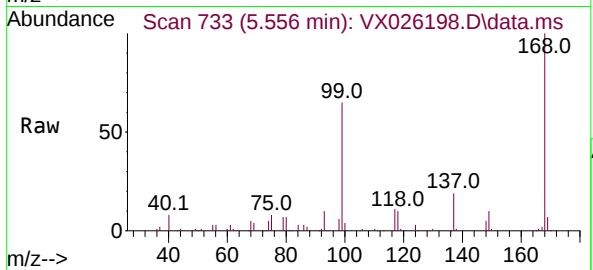
Tgt Ion:	75	Resp:	11846
Ion	Ratio	Lower	Upper
75	100		
110	10.1	18.2	54.6#
77	0.0	24.7	37.1#



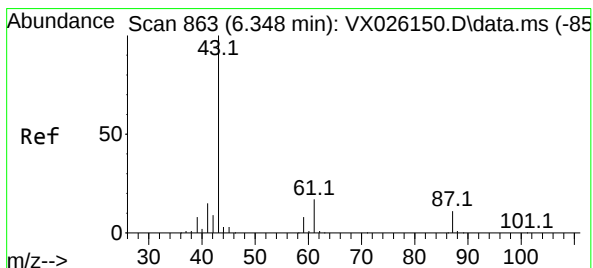
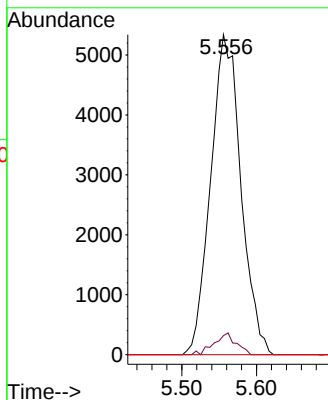
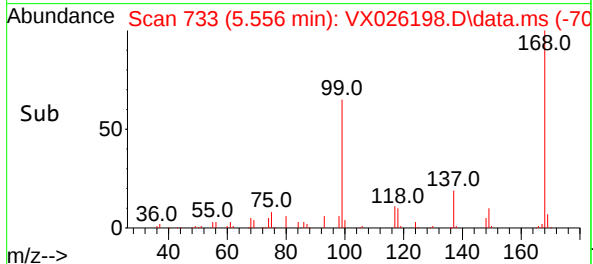


#38
Carbon Tetrachloride
Concen: 5.337 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX026198.D
Acq: 31 Dec 2021 03:38

Instrument :
MSVOA_X
ClientSampleId :

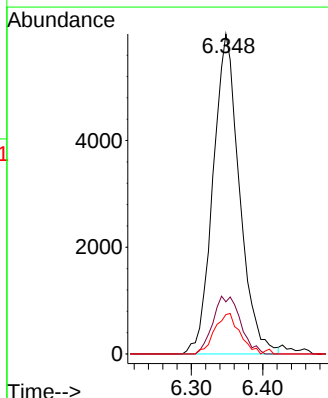
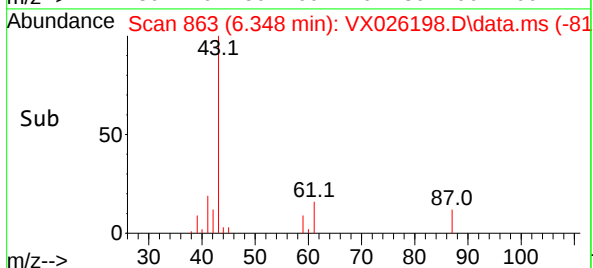
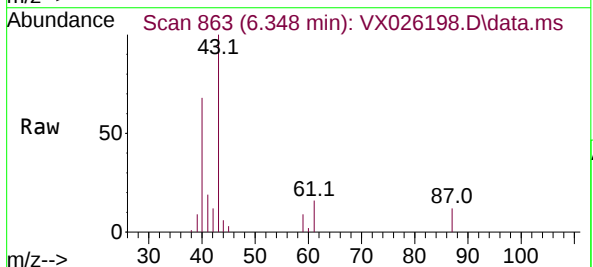


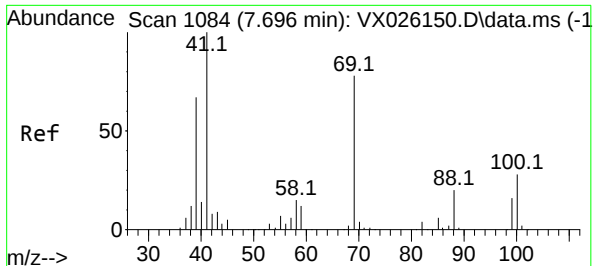
Tgt Ion:117 Resp: 15029
Ion Ratio Lower Upper
117 100
119 6.0 77.2 115.8#
121 0.0 23.8 35.8#



#43
Isopropyl Acetate
Concen: 3.221 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX026198.D
Acq: 31 Dec 2021 03:38

Tgt Ion: 43 Resp: 15406
Ion Ratio Lower Upper
43 100
61 18.7 15.7 23.5
87 12.0 11.2 16.8





#48

Methyl methacrylate

Concen: 1.821 ug/l

RT: 7.604 min Scan# 1102

Delta R.T. -0.092 min

Lab File: VX026198.D

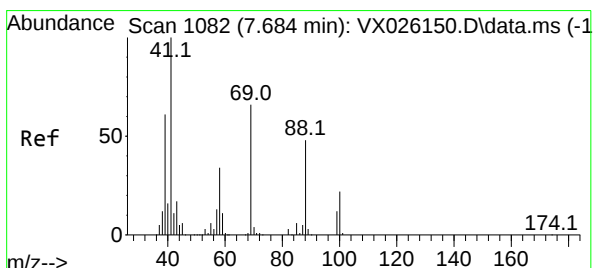
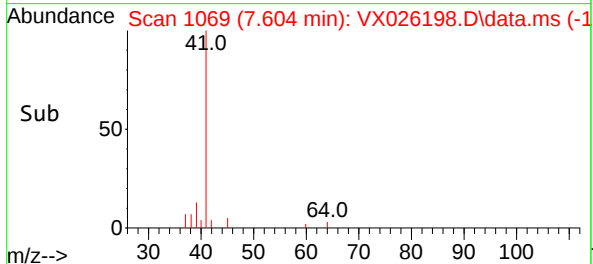
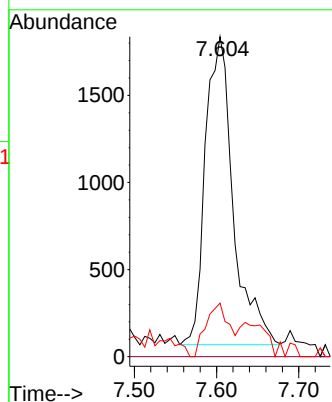
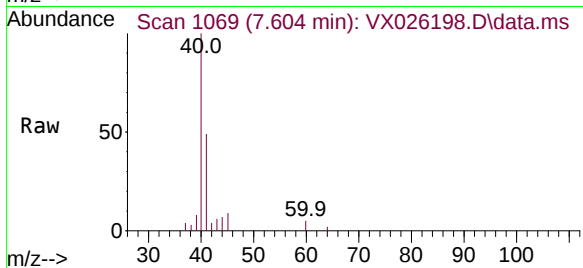
Acq: 31 Dec 2021 03:38

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	41	Resp:	4178
Ion	Ratio	Lower	Upper
41	100		
69	0.0	67.3	100.9#
39	0.0	50.2	75.2#



#49

1,4-Dioxane

Concen: 1.608 ug/l

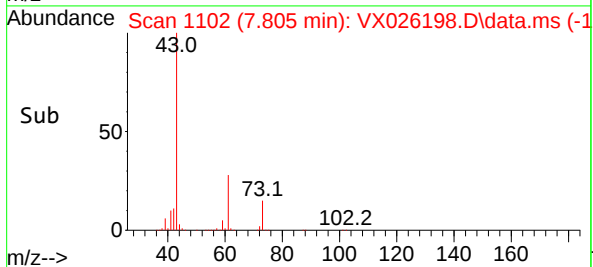
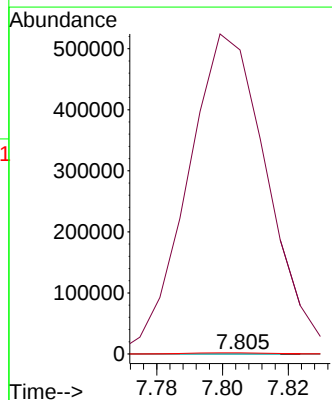
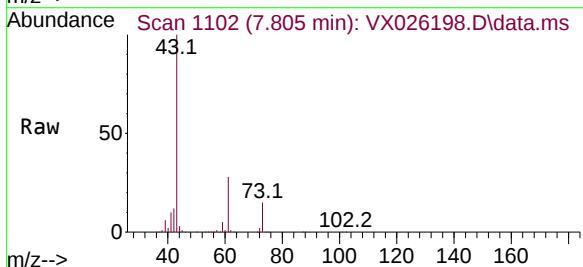
RT: 7.805 min Scan# 1102

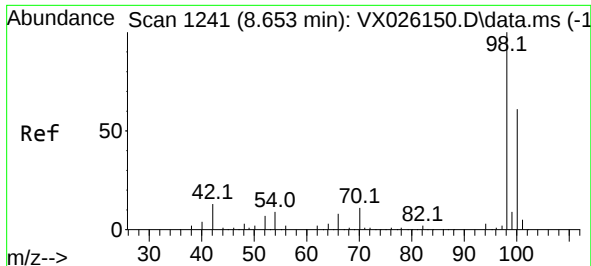
Delta R.T. 0.121 min

Lab File: VX026198.D

Acq: 31 Dec 2021 03:38

Tgt Ion:	88	Resp:	68
Ion	Ratio	Lower	Upper
88	100		
43	1313066.2	25.3	37.9#
58	5161.8	51.8	77.6#

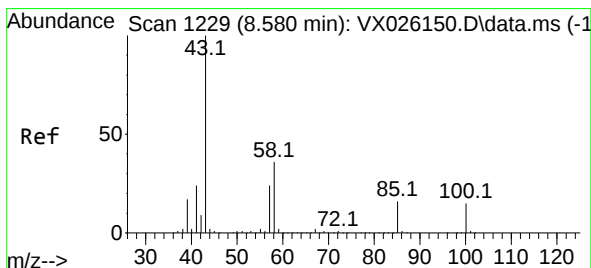
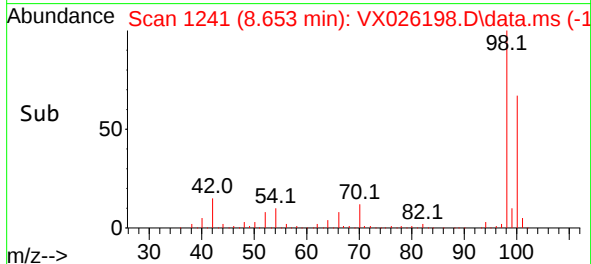
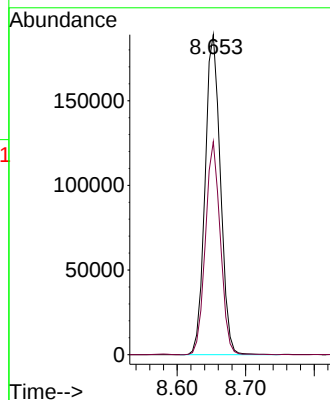
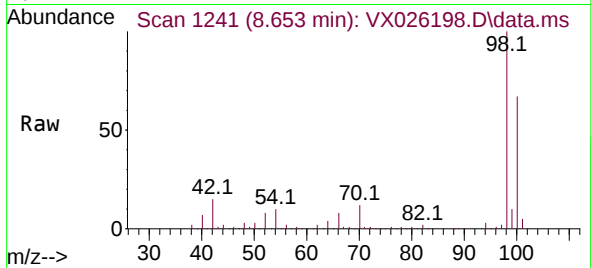




#50
Toluene-d8
Concen: 50.408 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX026198.D
Acq: 31 Dec 2021 03:38

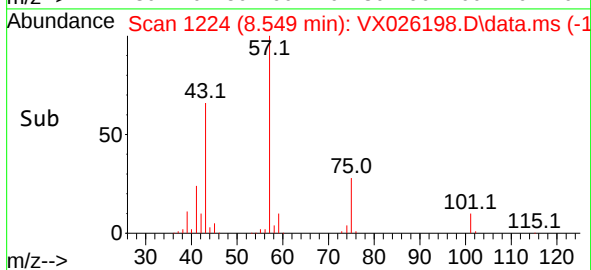
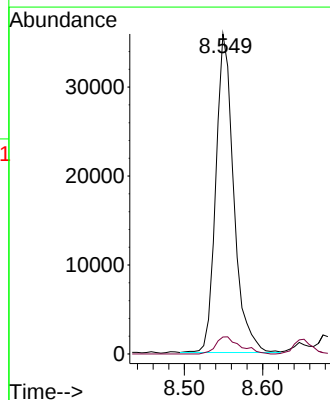
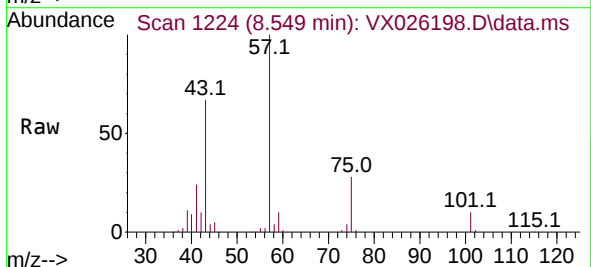
Instrument :
MSVOA_X
ClientSampleId :

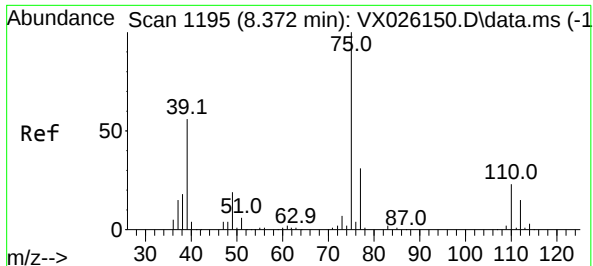
Tgt Ion: 98 Resp: 294267
Ion Ratio Lower Upper
98 100
100 64.7 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 19.125 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.031 min
Lab File: VX026198.D
Acq: 31 Dec 2021 03:38

Tgt Ion: 43 Resp: 56933
Ion Ratio Lower Upper
43 100
58 7.3 30.8 46.2#

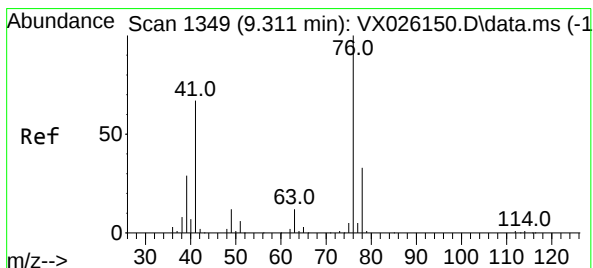
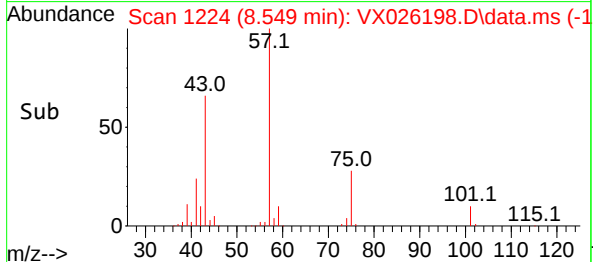
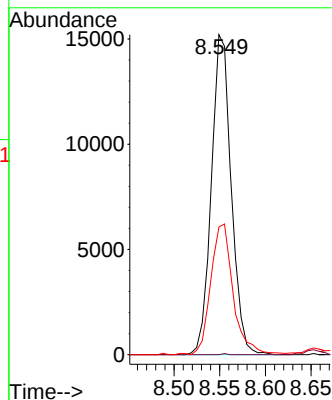
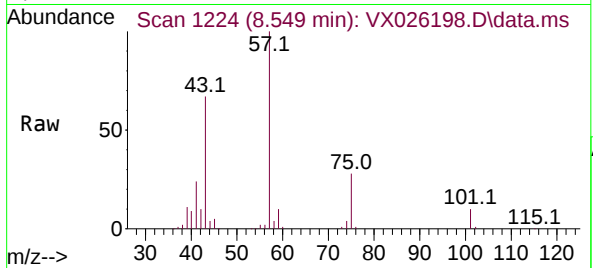




#54
 cis-1,3-Dichloropropene
 Concen: 7.786 ug/l
 RT: 8.549 min Scan# 1195
 Delta R.T. 0.177 min
 Lab File: VX026198.D
 Acq: 31 Dec 2021 03:38

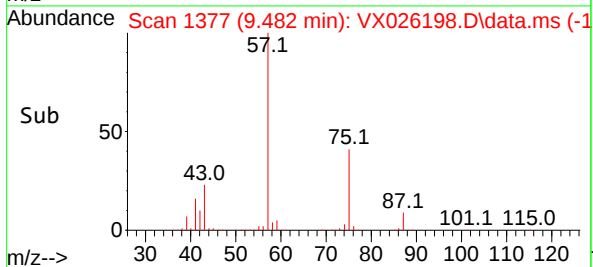
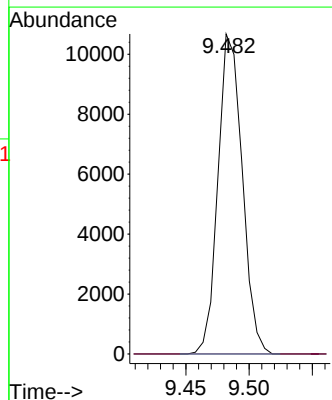
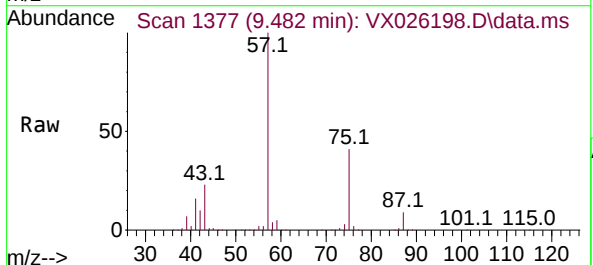
Instrument :
 MSVOA_X
 ClientSampleId :

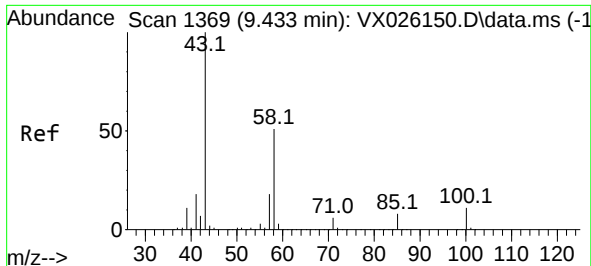
Tgt Ion: 75 Resp: 22949
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.3 37.9#
 39 39.5 41.4 62.0#



#57
 1,3-Dichloropropane
 Concen: 4.542 ug/l
 RT: 9.482 min Scan# 1377
 Delta R.T. 0.171 min
 Lab File: VX026198.D
 Acq: 31 Dec 2021 03:38

Tgt Ion: 76 Resp: 14222
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.0 39.0#





#59

2-Hexanone

Concen: 97.753 ug/l

RT: 9.488 min Scan# 1

Delta R.T. 0.055 min

Lab File: VX026198.D

Acq: 31 Dec 2021 03:38

Instrument :

MSVOA_X

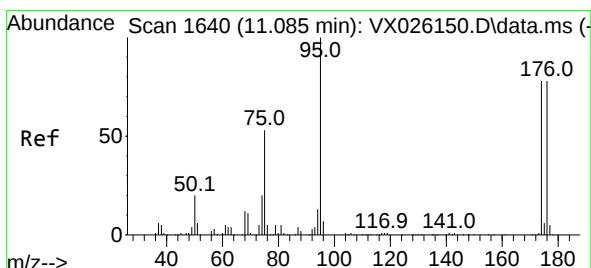
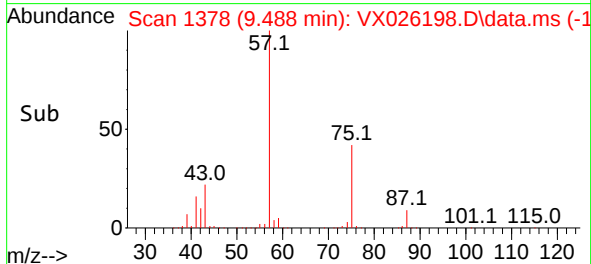
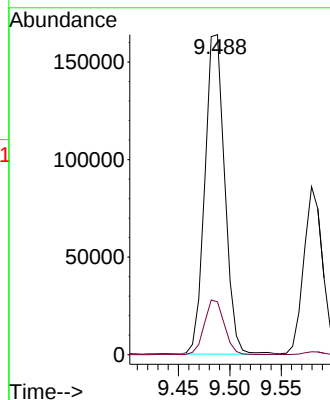
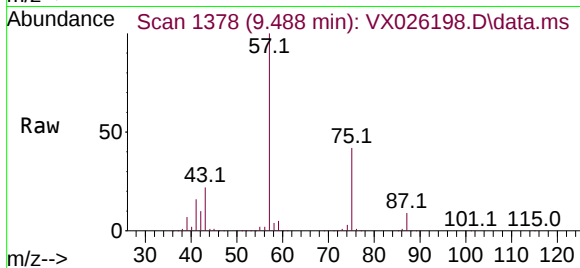
ClientSampleId :

Tgt Ion: 43 Resp: 220424

Ion Ratio Lower Upper

43 100

58 17.1 26.9 80.6#



#62

4-Bromofluorobenzene

Concen: 48.175 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX026198.D

Acq: 31 Dec 2021 03:38

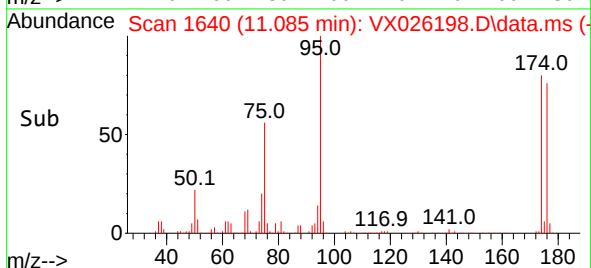
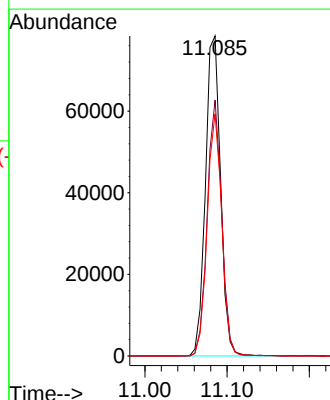
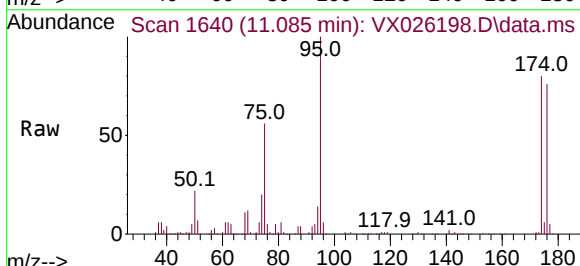
Tgt Ion: 95 Resp: 100115

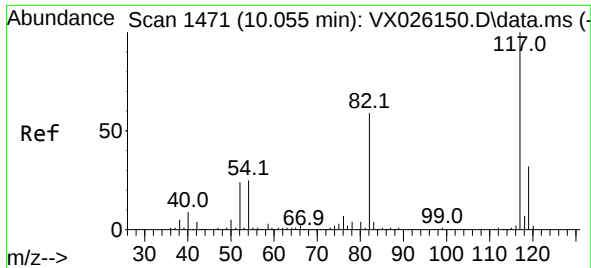
Ion Ratio Lower Upper

95 100

174 76.9 0.0 157.4

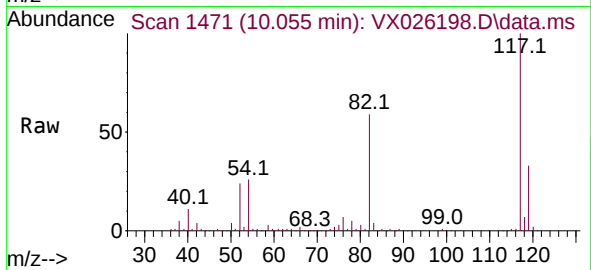
176 73.1 0.0 154.6



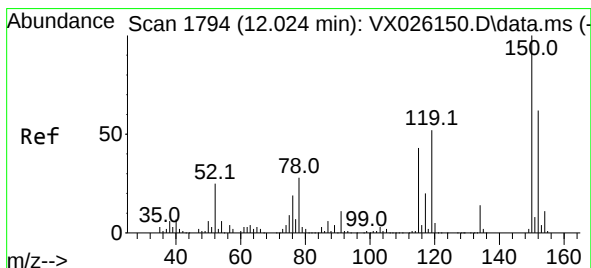
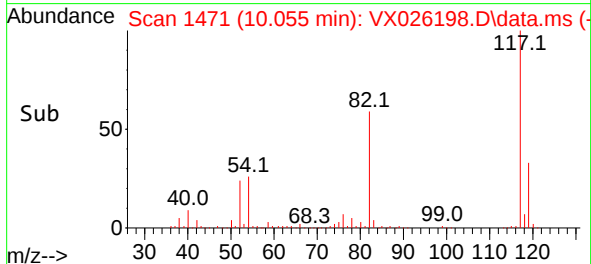
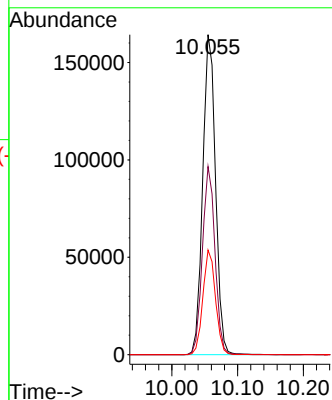


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX026198.D
Acq: 31 Dec 2021 03:38

Instrument :
MSVOA_X
ClientSampleId :

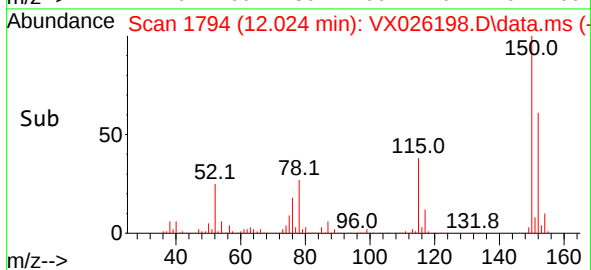
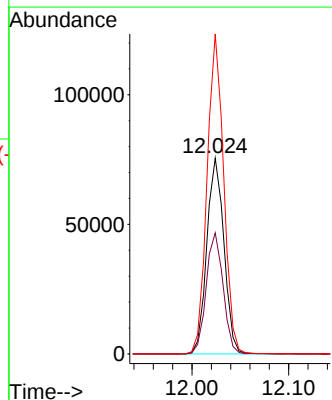
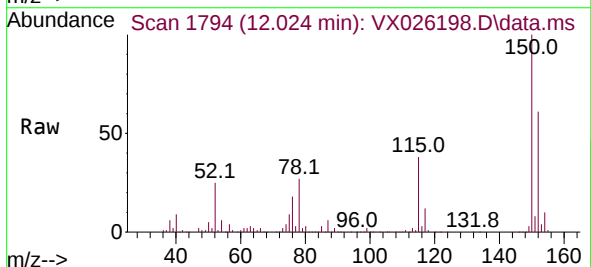


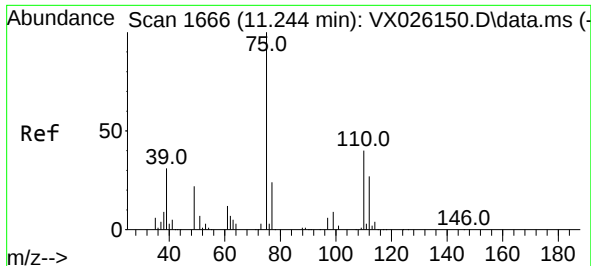
Tgt Ion:117 Resp: 221625
Ion Ratio Lower Upper
117 100
82 58.8 43.8 65.6
119 32.7 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026198.D
Acq: 31 Dec 2021 03:38

Tgt Ion:152 Resp: 93091
Ion Ratio Lower Upper
152 100
115 61.0 41.3 123.9
150 158.1 0.0 351.8

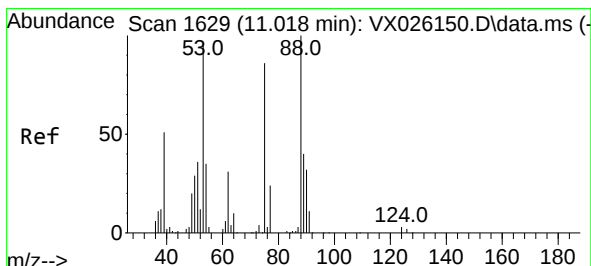
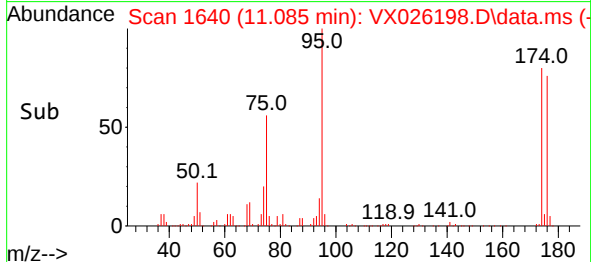
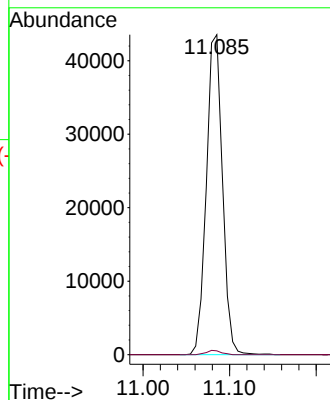
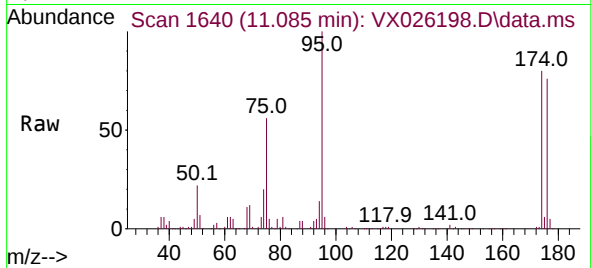




#76
1,2,3-Trichloropropane
Concen: 25.004 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX026198.D
Acq: 31 Dec 2021 03:38

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 56183
Ion Ratio Lower Upper
75 100
77 1.2 19.0 57.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.336 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX026198.D
Acq: 31 Dec 2021 03:38

Tgt Ion: 75 Resp: 56183
Ion Ratio Lower Upper
75 100
53 0.0 79.5 119.3#
89 0.0 38.3 57.5#

