

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011522\
 Data File : VX026475.D
 Acq On : 15 Jan 2022 00:05
 Operator : JC/MD
 Sample : N1130-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

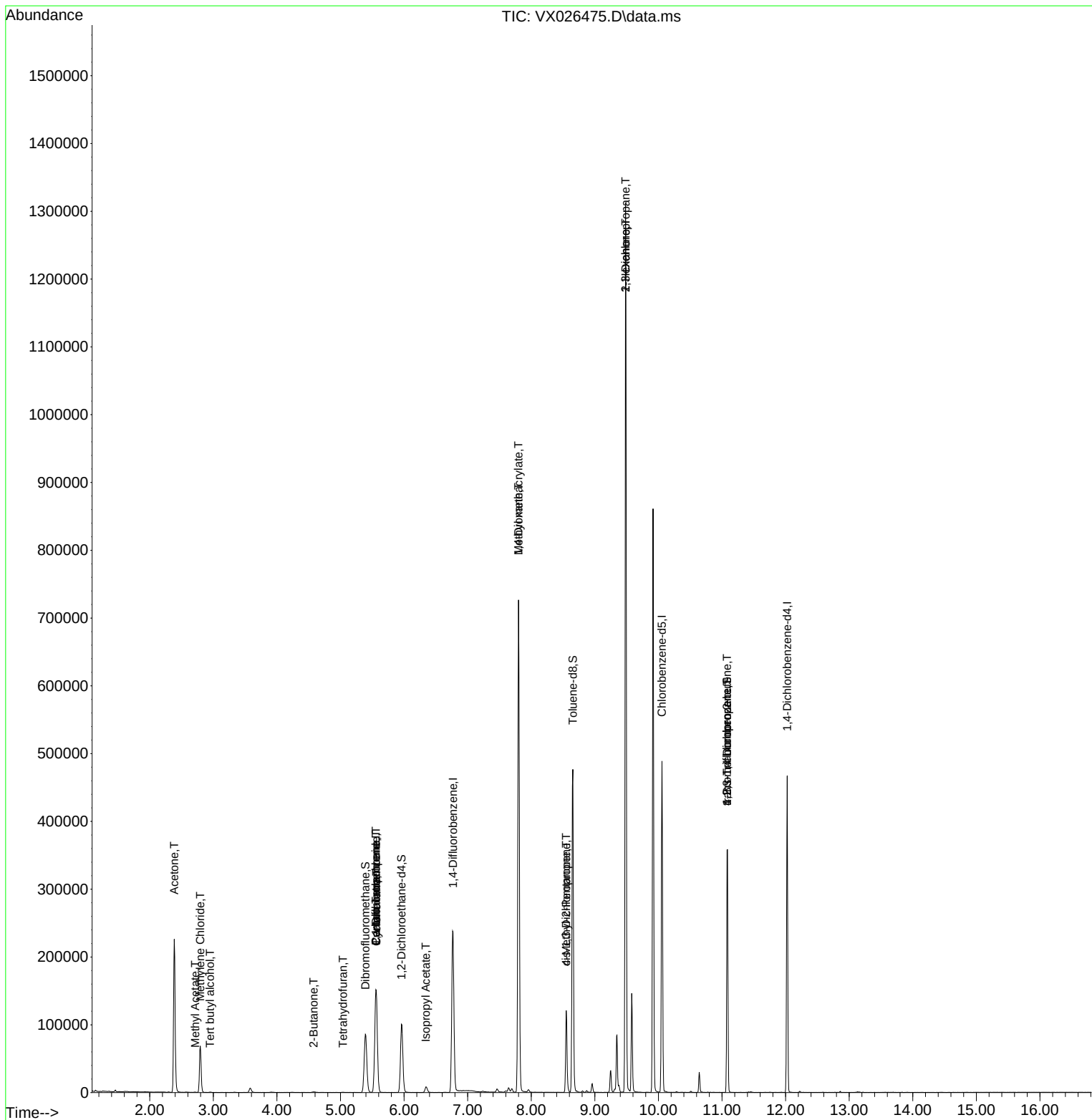
Quant Time: Jan 17 00:43:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

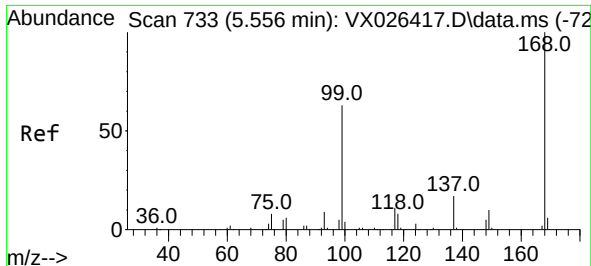
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	142160	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	240240	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	209320	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	89917	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	98307	49.503	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	99.000%	
35) Dibromofluoromethane	5.391	113	75598	48.729	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	97.460%	
50) Toluene-d8	8.653	98	276255	49.415	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	98.820%	
62) 4-Bromofluorobenzene	11.079	95	101048	50.881	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	101.760%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	276	0.999	ug/l #	75
16) Acetone	2.386	43	251823	248.661	ug/l	99
18) Methyl Acetate	2.715	43	932	0.463	ug/l #	72
20) Methylene Chloride	2.794	84	30226	18.064	ug/l	97
25) 2-Butanone	4.574	43	1354	1.028	ug/l	91
29) Tetrahydrofuran	5.038	42	384	0.491	ug/l #	34
31) Cyclohexane	5.562	56	3006	1.026	ug/l #	2
36) 1,1-Dichloropropene	5.556	75	11481	4.688	ug/l #	50
38) Carbon Tetrachloride	5.556	117	15139	6.009	ug/l #	18
43) Isopropyl Acetate	6.342	43	11825	2.955	ug/l	97
48) Methyl methacrylate	7.799	41	62233	31.379	ug/l #	45
49) 1,4-Dioxane	7.799	88	22	0.676	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	42410	17.867	ug/l #	50
54) cis-1,3-Dichloropropene	8.549	75	18692	7.231	ug/l #	59
57) 1,3-Dichloropropane	9.482	76	10917	3.887	ug/l #	43
59) 2-Hexanone	9.482	43	159967	88.051	ug/l #	51
76) 1,2,3-Trichloropropane	11.079	75	51543	26.035	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	51543	78.930	ug/l #	3

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

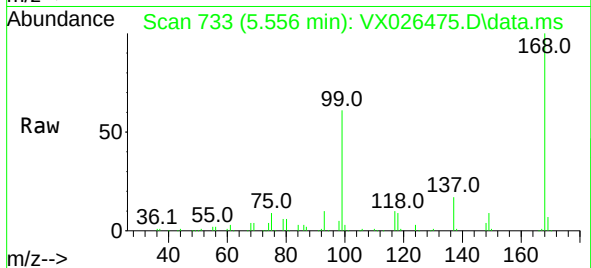
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 11 14:45:13 2022
Response via : Initial Calibration



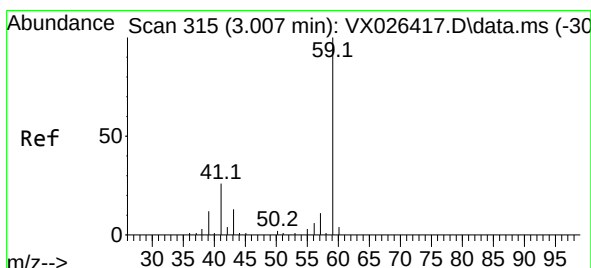
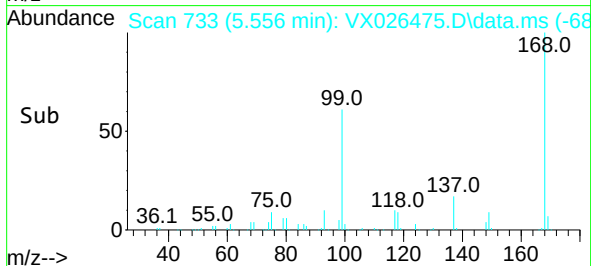
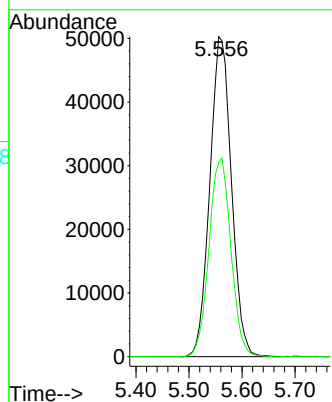


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026475.D
Acq: 15 Jan 2022 00:05

Instrument :
MSVOA_X
ClientSampleId :

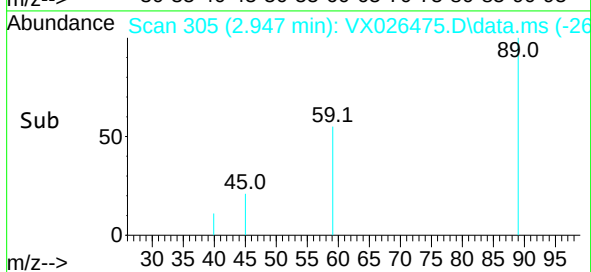
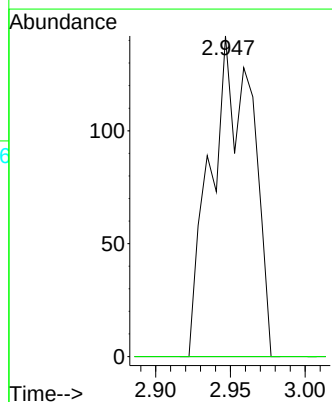
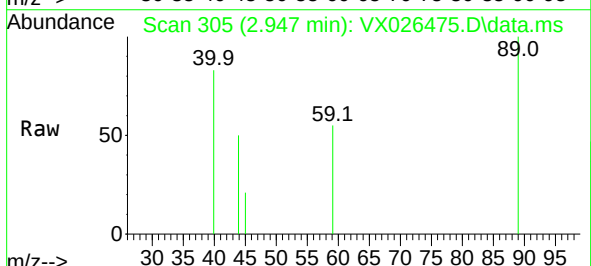


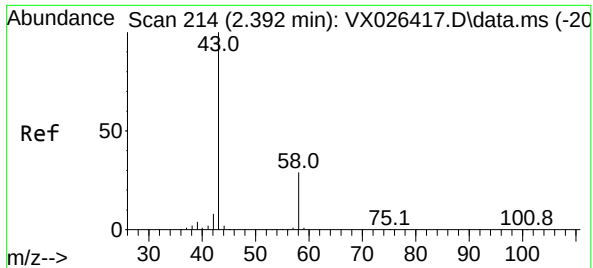
Tgt Ion:168 Resp: 142160
Ion Ratio Lower Upper
168 100
99 60.7 50.3 75.5



#11
Tert butyl alcohol
Concen: 0.999 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.060 min
Lab File: VX026475.D
Acq: 15 Jan 2022 00:05

Tgt Ion: 59 Resp: 276
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#

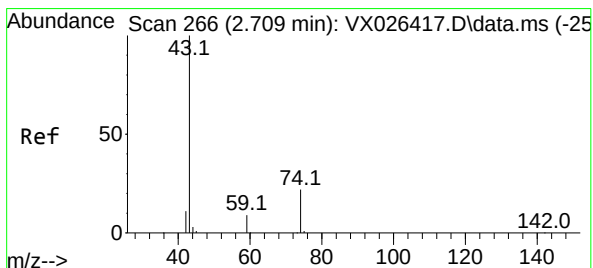
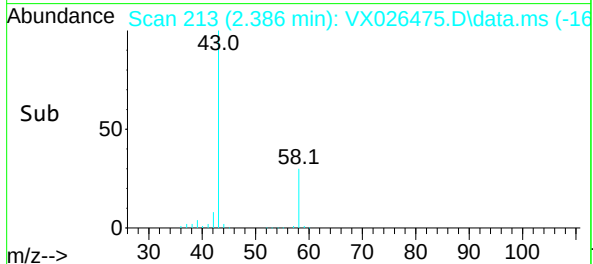
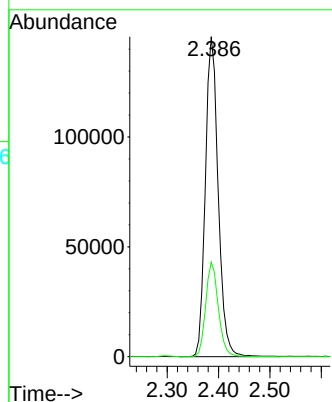
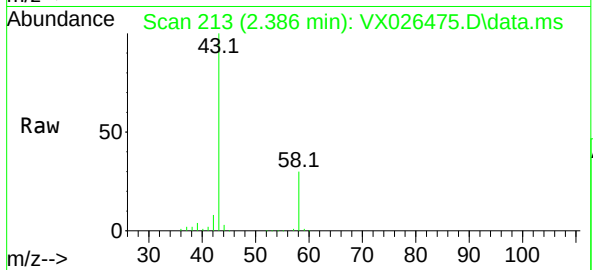




#16
Acetone
Concen: 248.661 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX026475.D
Acq: 15 Jan 2022 00:05

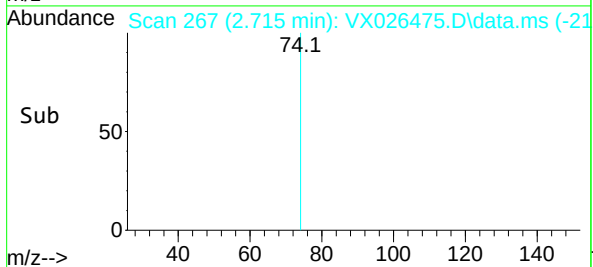
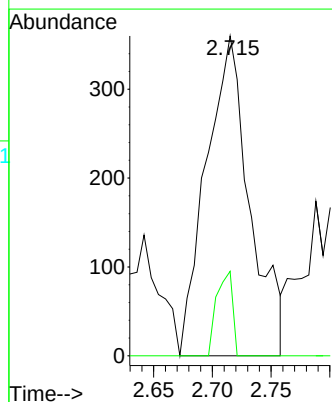
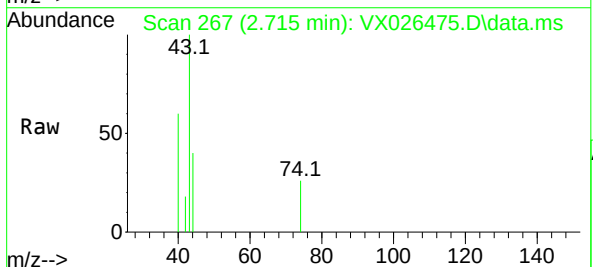
Instrument :
MSVOA_X
ClientSampleId :

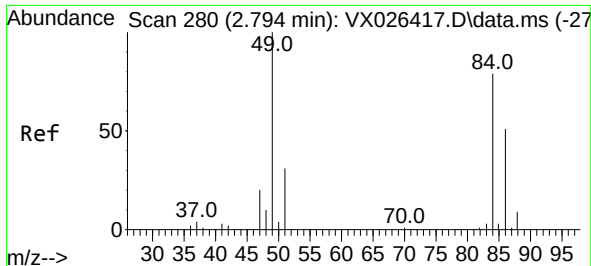
Tgt Ion: 43 Resp: 251823
Ion Ratio Lower Upper
43 100
58 29.5 23.0 34.6



#18
Methyl Acetate
Concen: 0.463 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX026475.D
Acq: 15 Jan 2022 00:05

Tgt Ion: 43 Resp: 932
Ion Ratio Lower Upper
43 100
74 9.5 18.3 27.5#





#20

Methylene Chloride

Concen: 18.064 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.000 min

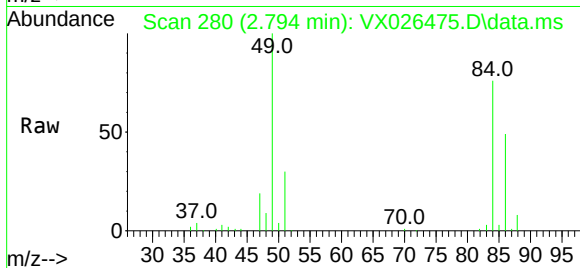
Lab File: VX026475.D

Acq: 15 Jan 2022 00:05

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 30226

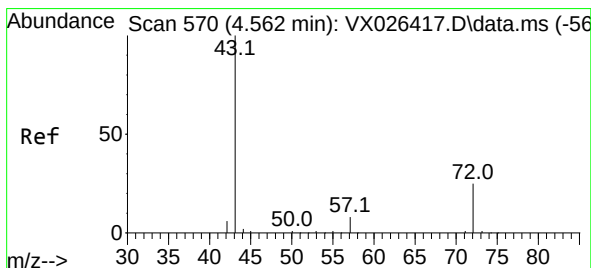
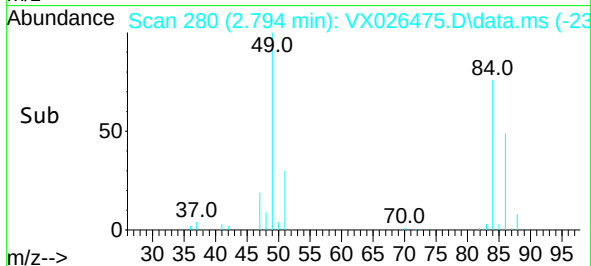
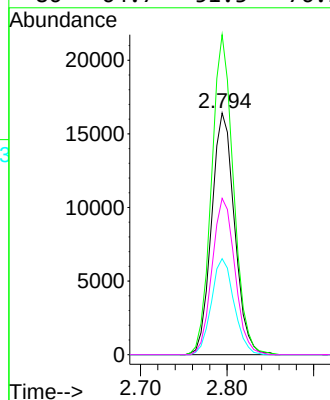
Ion Ratio Lower Upper

84 100

49 132.3 101.5 152.3

51 39.7 31.2 46.8

86 64.7 51.3 76.9



#25

2-Butanone

Concen: 1.028 ug/l

RT: 4.574 min Scan# 572

Delta R.T. 0.012 min

Lab File: VX026475.D

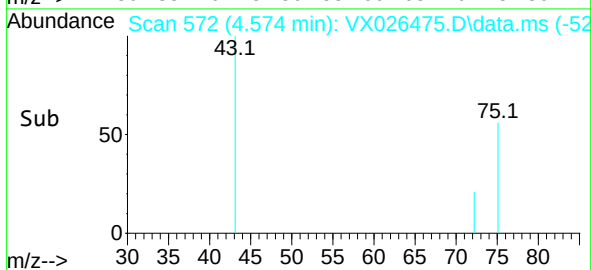
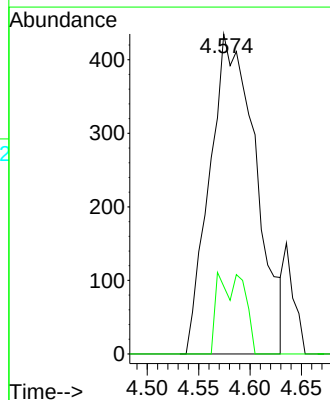
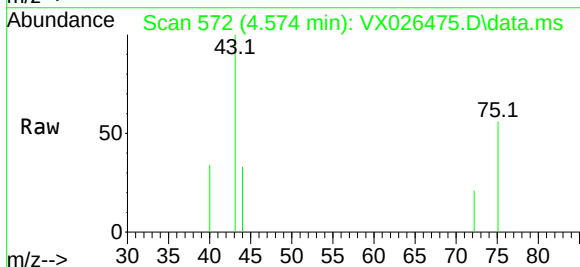
Acq: 15 Jan 2022 00:05

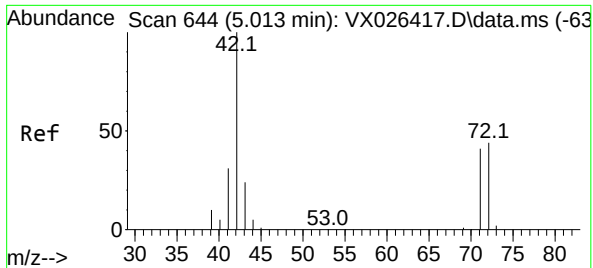
Tgt Ion: 43 Resp: 1354

Ion Ratio Lower Upper

43 100

72 21.1 20.4 30.6





#29

Tetrahydrofuran

Concen: 0.491 ug/l

RT: 5.038 min Scan# 64

Delta R.T. 0.025 min

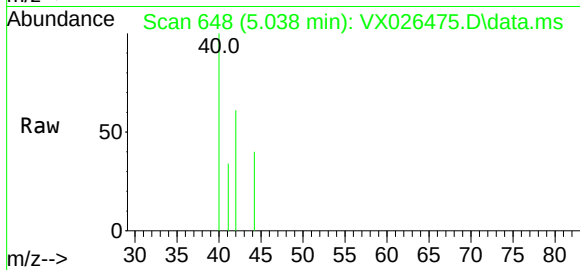
Lab File: VX026475.D

Acq: 15 Jan 2022 00:05

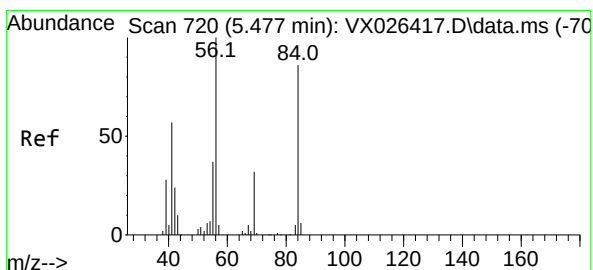
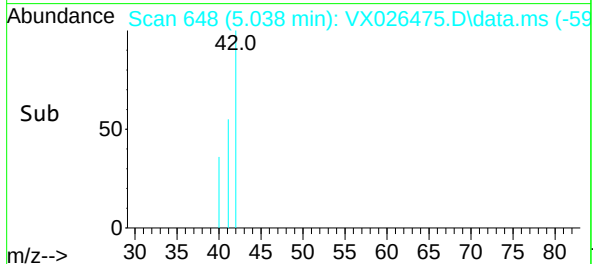
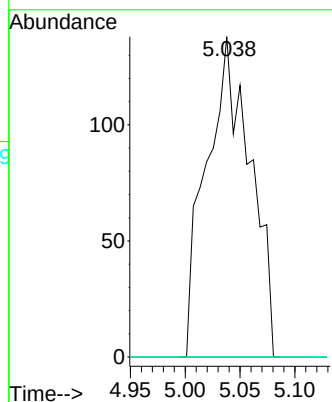
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	42	Resp:	384
Ion Ratio	Lower	Upper	
42	100		
72	0.0	34.6	52.0#
71	0.0	31.8	47.8#



#31

Cyclohexane

Concen: 1.026 ug/l

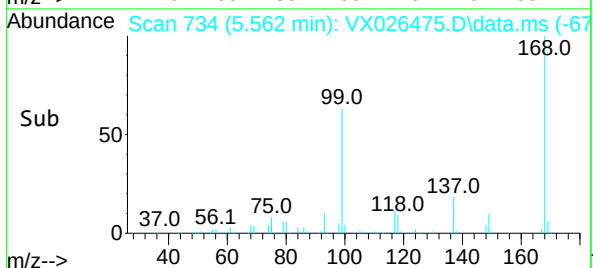
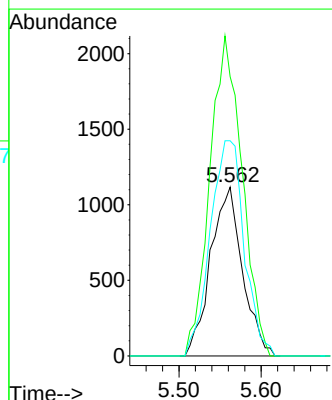
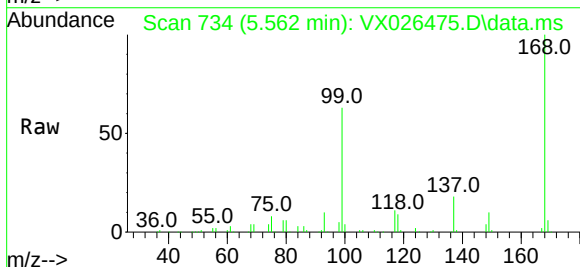
RT: 5.562 min Scan# 734

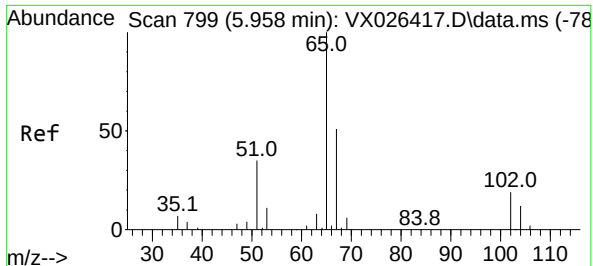
Delta R.T. 0.085 min

Lab File: VX026475.D

Acq: 15 Jan 2022 00:05

Tgt Ion:	56	Resp:	3006
Ion Ratio	Lower	Upper	
56	100		
69	165.4	25.8	38.6#
84	127.5	68.9	103.3#

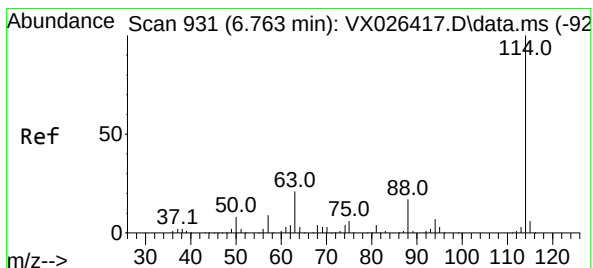
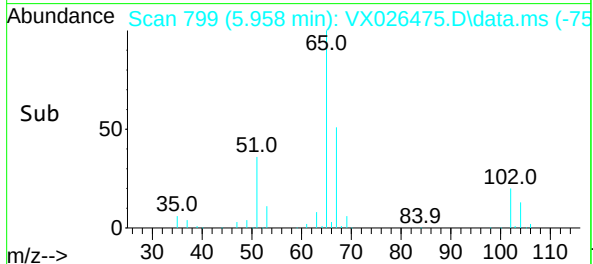
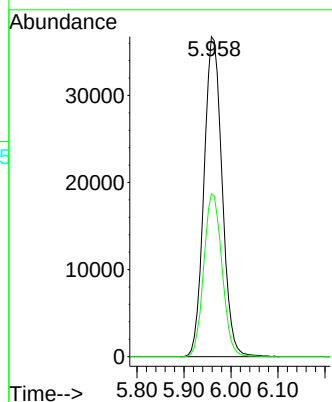
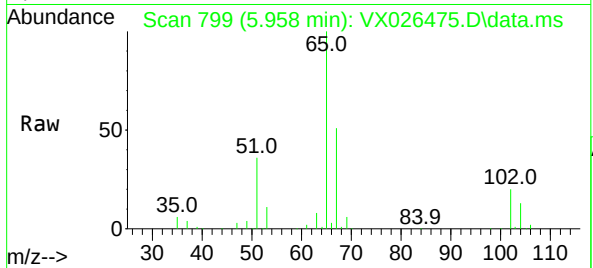




#33
 1,2-Dichloroethane-d4
 Concen: 49.503 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX026475.D
 Acq: 15 Jan 2022 00:05

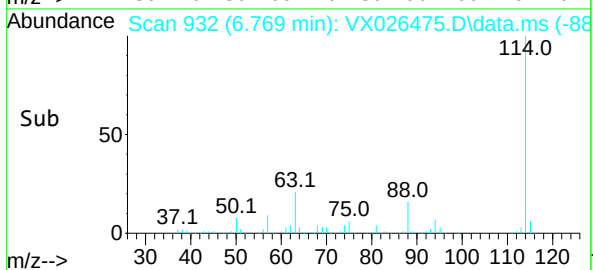
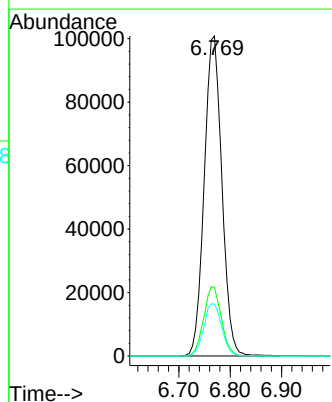
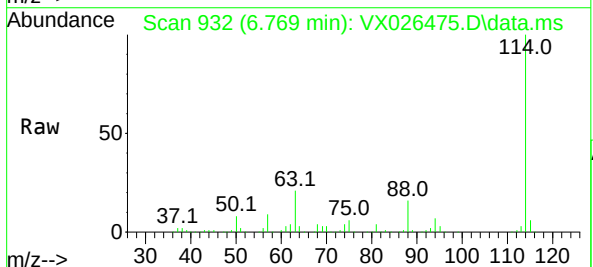
Instrument :
 MSVOA_X
 ClientSampleId :

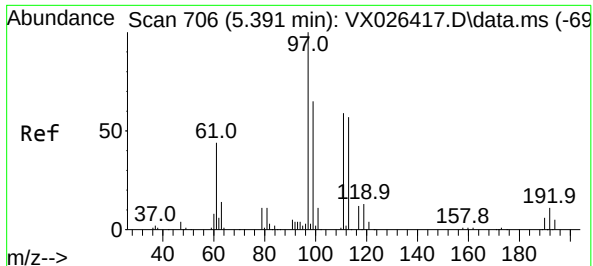
Tgt Ion: 65 Resp: 98307
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.006 min
 Lab File: VX026475.D
 Acq: 15 Jan 2022 00:05

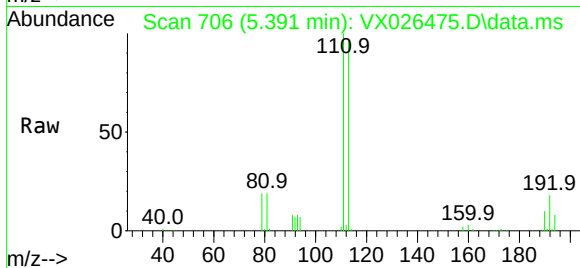
Tgt Ion: 114 Resp: 240240
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 42.8
 88 16.2 0.0 33.0



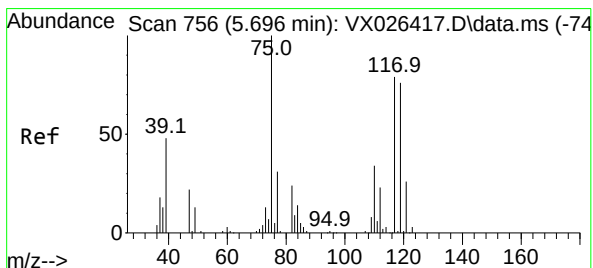
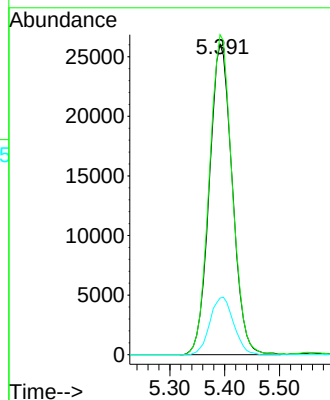
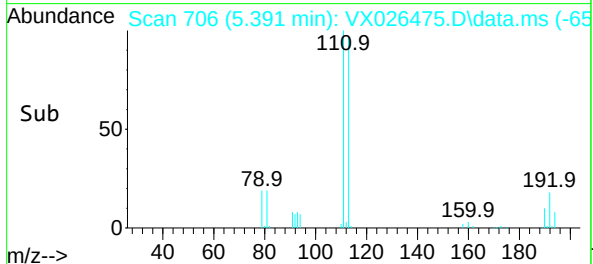


#35
Dibromofluoromethane
Concen: 48.729 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026475.D
Acq: 15 Jan 2022 00:05

Instrument :
MSVOA_X
ClientSampleId :

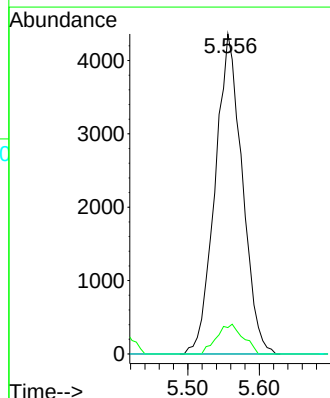
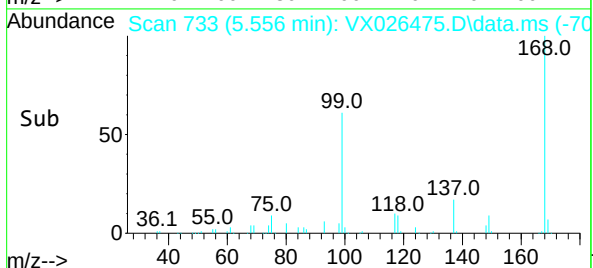
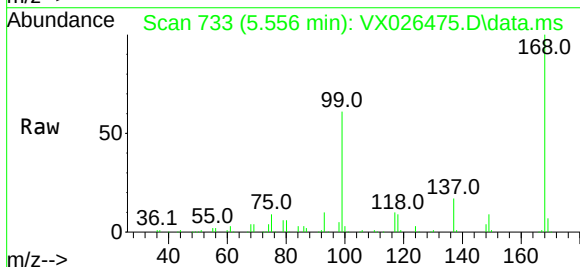


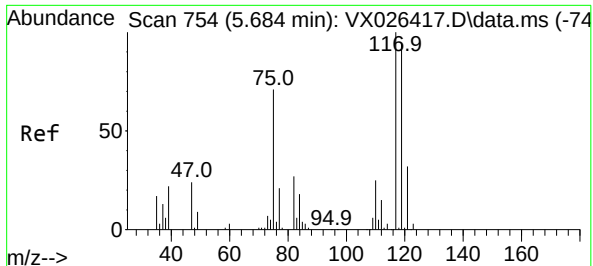
Tgt Ion:113 Resp: 75598
Ion Ratio Lower Upper
113 100
111 102.7 81.2 121.8
192 19.1 15.0 22.4



#36
1,1-Dichloropropene
Concen: 4.688 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX026475.D
Acq: 15 Jan 2022 00:05

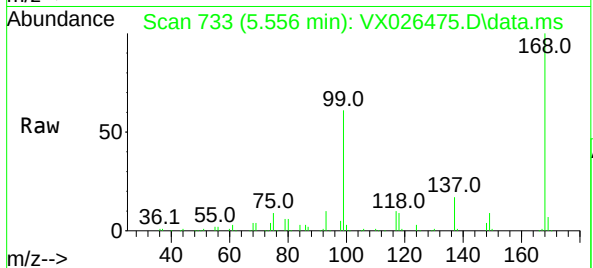
Tgt Ion: 75 Resp: 11481
Ion Ratio Lower Upper
75 100
110 9.0 17.2 51.6#
77 0.0 24.6 36.8#



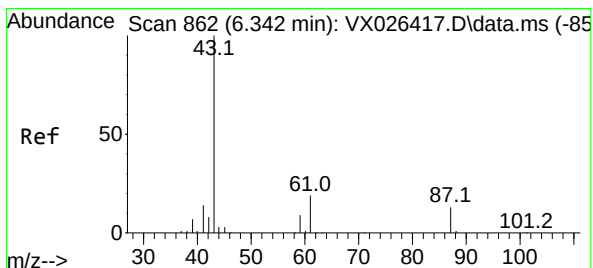
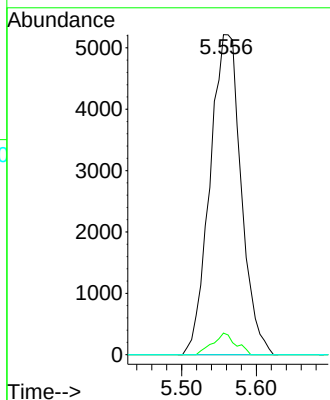
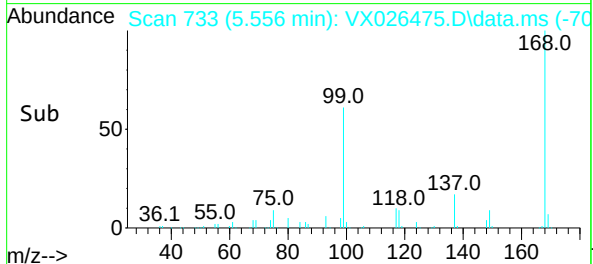


#38
Carbon Tetrachloride
Concen: 6.009 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX026475.D
Acq: 15 Jan 2022 00:05

Instrument :
MSVOA_X
ClientSampleId :

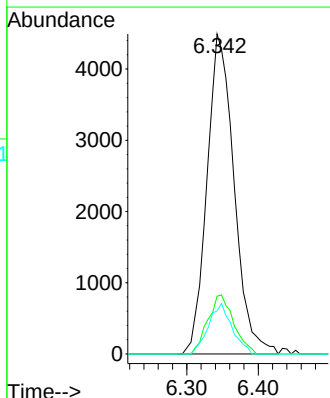
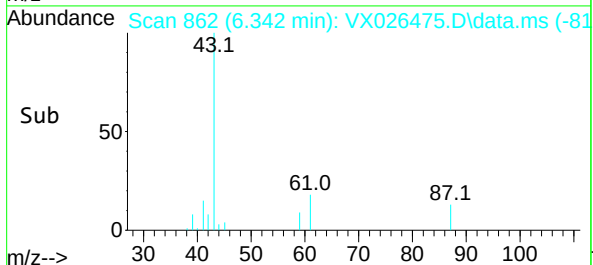
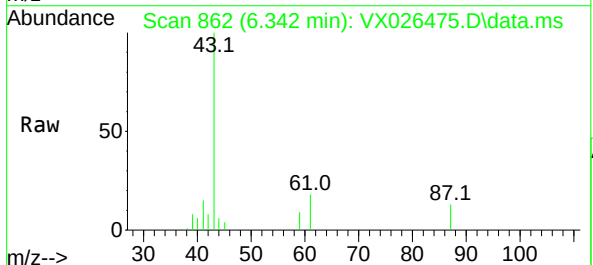


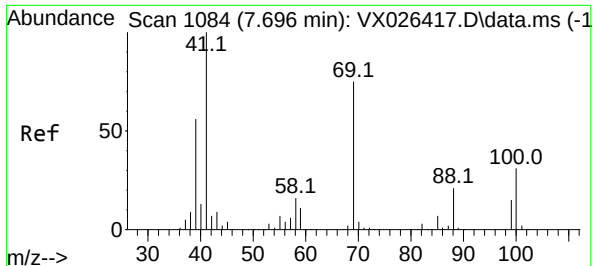
Tgt Ion:117 Resp: 15139
Ion Ratio Lower Upper
117 100
119 6.8 74.7 112.1#
121 0.0 25.4 38.0#



#43
Isopropyl Acetate
Concen: 2.955 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX026475.D
Acq: 15 Jan 2022 00:05

Tgt Ion: 43 Resp: 11825
Ion Ratio Lower Upper
43 100
61 17.6 15.4 23.0
87 13.7 10.2 15.2





#48

Methyl methacrylate

Concen: 31.379 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.104 min

Lab File: VX026475.D

Acq: 15 Jan 2022 00:05

Instrument :

MSVOA_X

ClientSampleId :

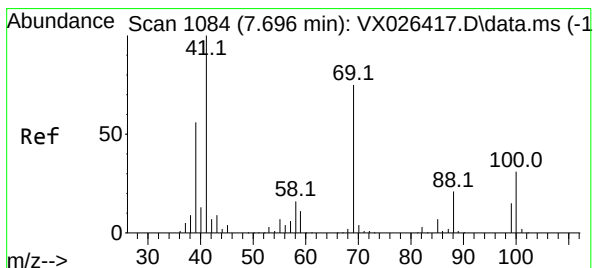
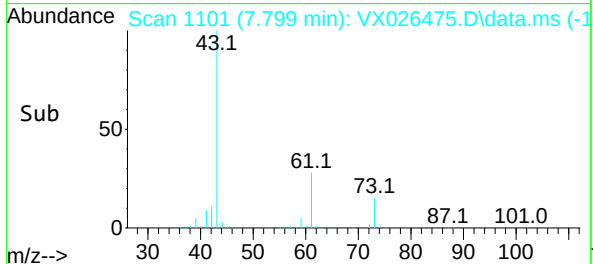
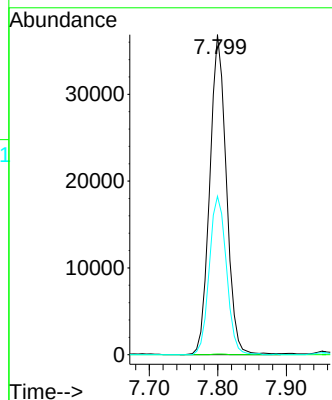
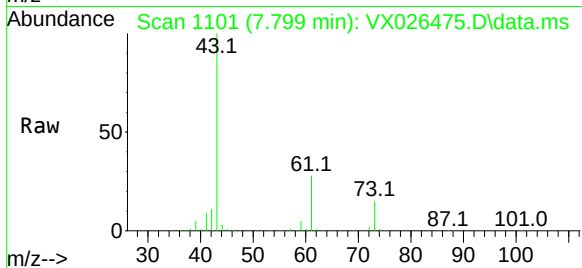
Tgt Ion: 41 Resp: 62233

Ion Ratio Lower Upper

41 100

69 0.2 62.2 93.4#

39 50.9 45.4 68.0



#49

1,4-Dioxane

Concen: 0.676 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.104 min

Lab File: VX026475.D

Acq: 15 Jan 2022 00:05

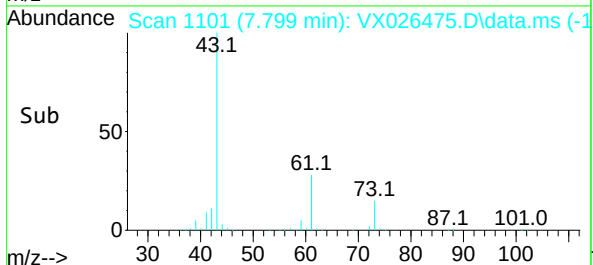
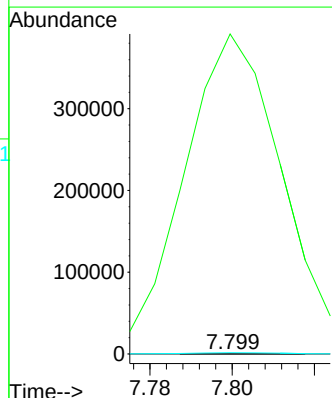
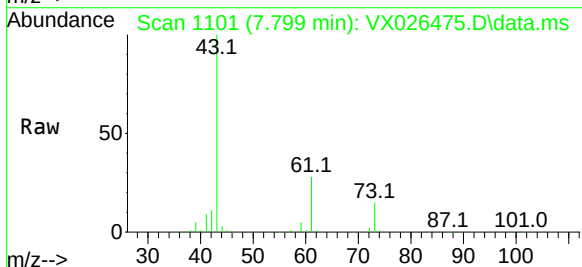
Tgt Ion: 88 Resp: 22

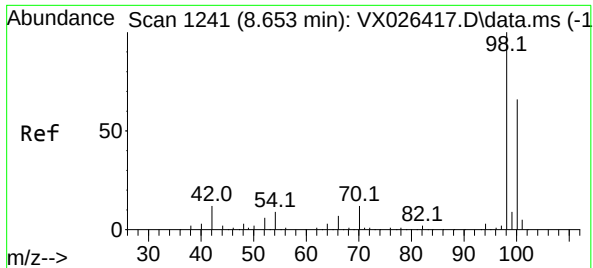
Ion Ratio Lower Upper

88 100

43 3003213.6 29.9 44.9#

58 11745.5 57.8 86.6#

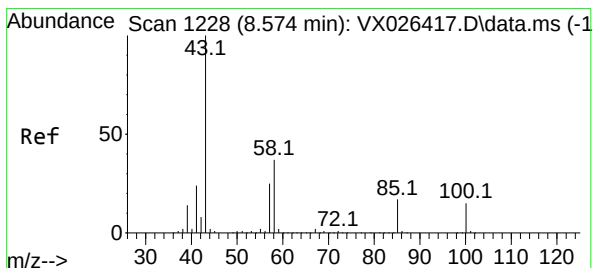
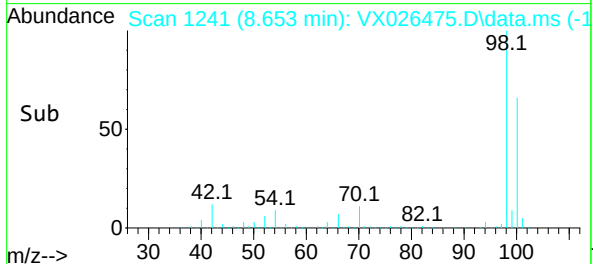
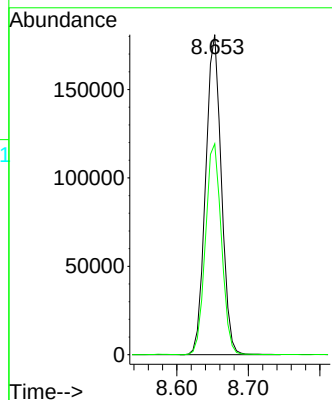
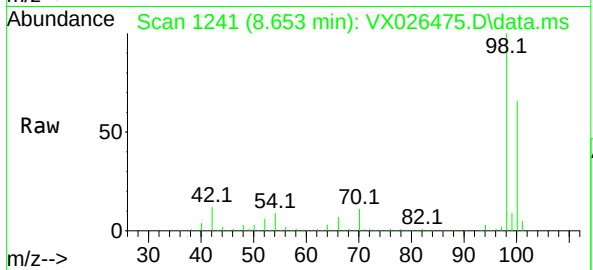




#50
Toluene-d8
Concen: 49.415 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026475.D
Acq: 15 Jan 2022 00:05

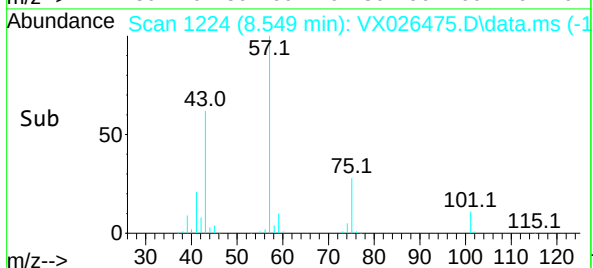
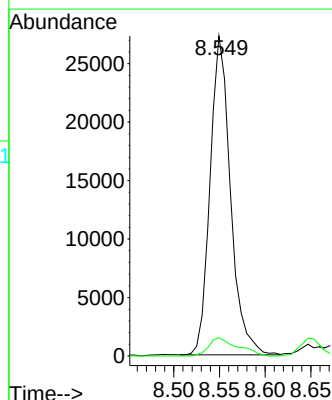
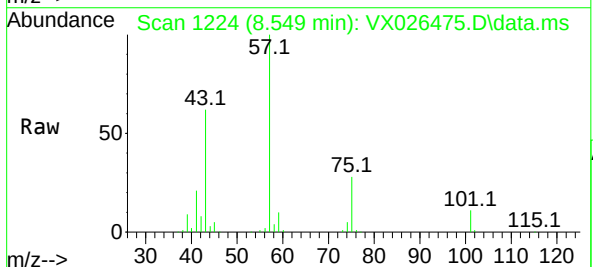
Instrument :
MSVOA_X
ClientSampleId :

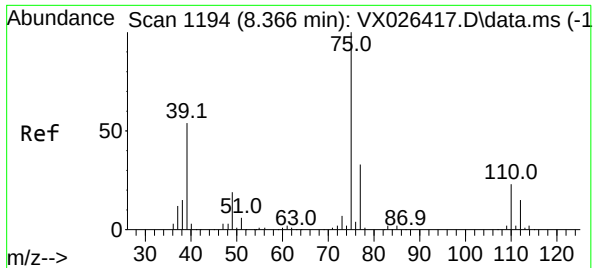
Tgt Ion: 98 Resp: 276255
Ion Ratio Lower Upper
98 100
100 67.1 53.2 79.8



#51
4-Methyl-2-Pentanone
Concen: 17.867 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.024 min
Lab File: VX026475.D
Acq: 15 Jan 2022 00:05

Tgt Ion: 43 Resp: 42410
Ion Ratio Lower Upper
43 100
58 8.0 30.5 45.7#

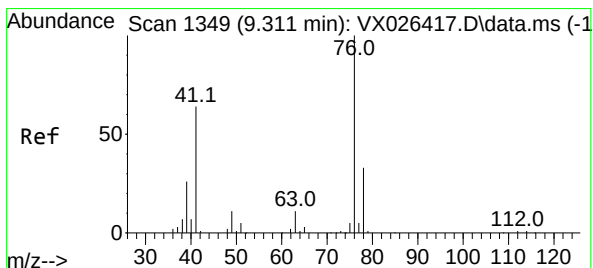
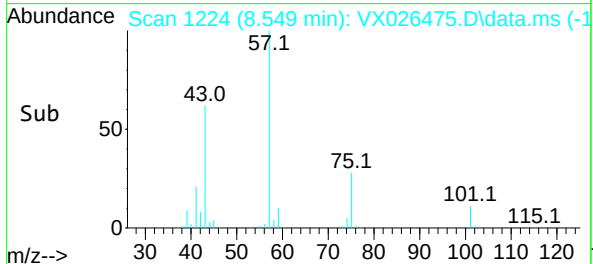
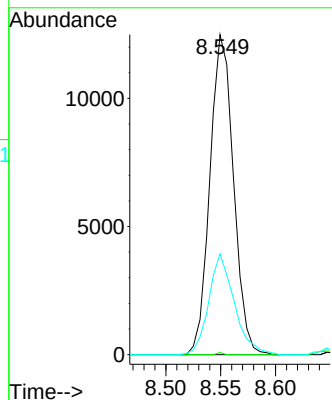
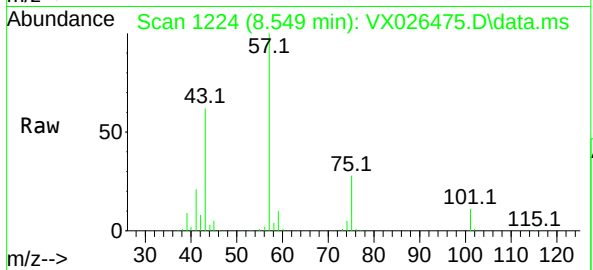




#54
 cis-1,3-Dichloropropene
 Concen: 7.231 ug/l
 RT: 8.549 min Scan# 1194
 Delta R.T. 0.183 min
 Lab File: VX026475.D
 Acq: 15 Jan 2022 00:05

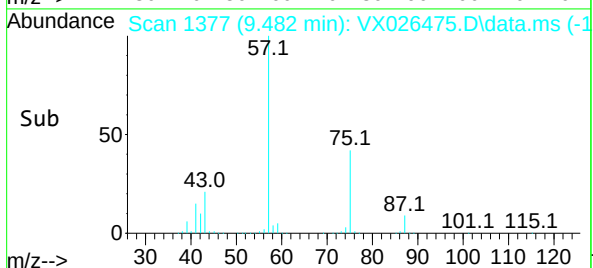
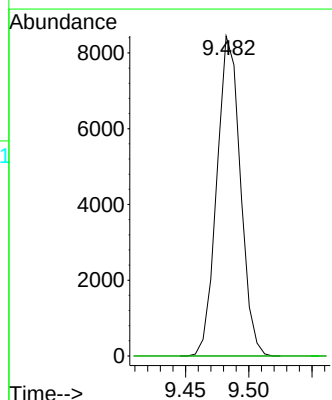
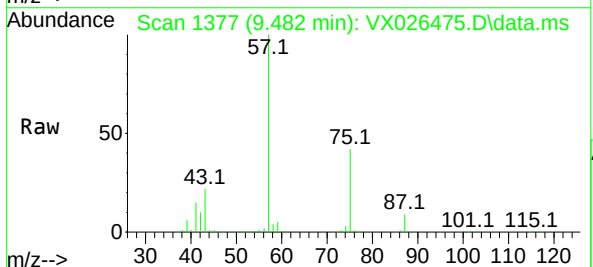
Instrument :
 MSVOA_X
 ClientSampleId :

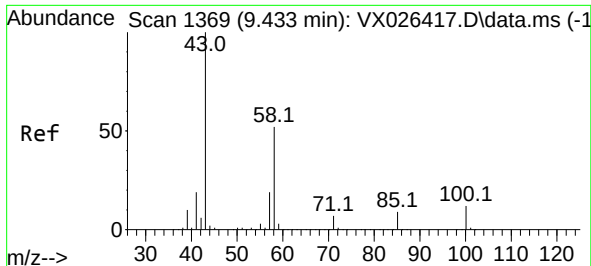
Tgt Ion: 75 Resp: 18692
 Ion Ratio Lower Upper
 75 100
 77 0.7 26.2 39.2#
 39 31.5 43.5 65.3#



#57
 1,3-Dichloropropane
 Concen: 3.887 ug/l
 RT: 9.482 min Scan# 1377
 Delta R.T. 0.171 min
 Lab File: VX026475.D
 Acq: 15 Jan 2022 00:05

Tgt Ion: 76 Resp: 10917
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.7 38.5#

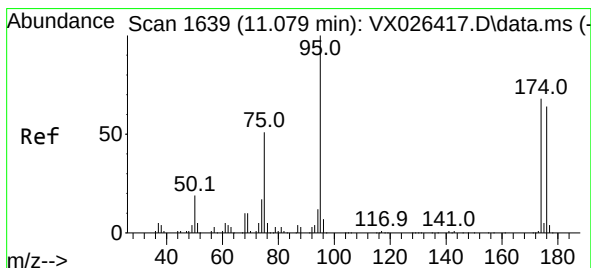
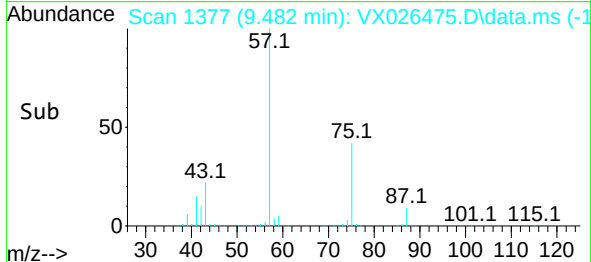
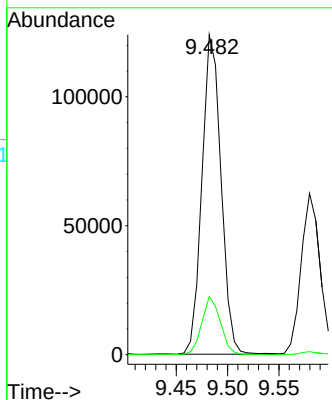
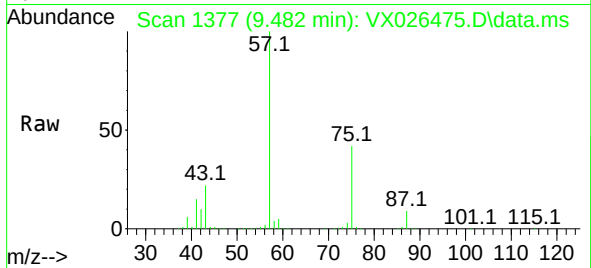




#59
2-Hexanone
Concen: 88.051 ug/l
RT: 9.482 min Scan# 11
Delta R.T. 0.049 min
Lab File: VX026475.D
Acq: 15 Jan 2022 00:05

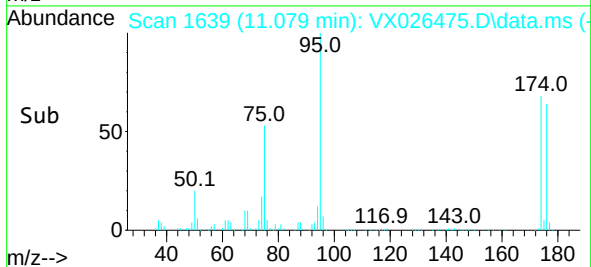
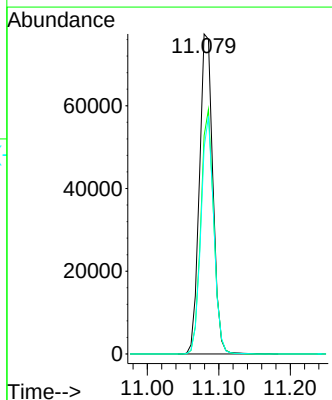
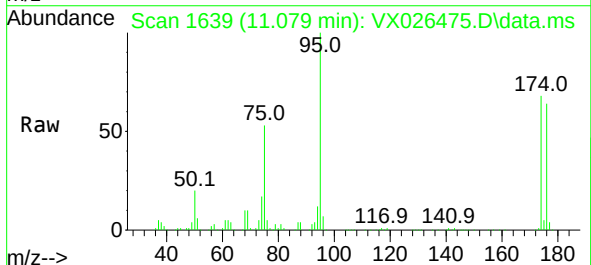
Instrument :
MSVOA_X
ClientSampleId :

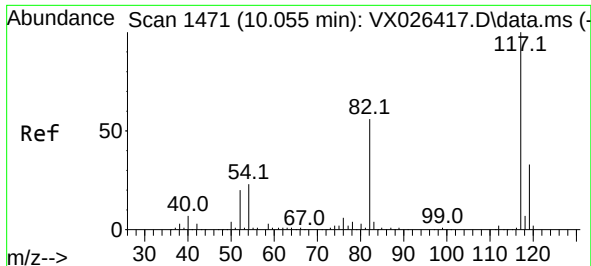
Tgt Ion: 43 Resp: 159967
Ion Ratio Lower Upper
43 100
58 17.8 26.4 79.2#



#62
4-Bromofluorobenzene
Concen: 50.881 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX026475.D
Acq: 15 Jan 2022 00:05

Tgt Ion: 95 Resp: 101048
Ion Ratio Lower Upper
95 100
174 72.9 0.0 148.6
176 70.6 0.0 141.4

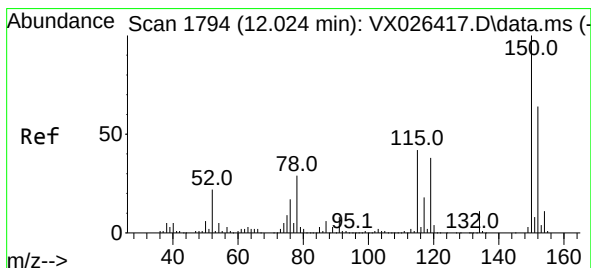
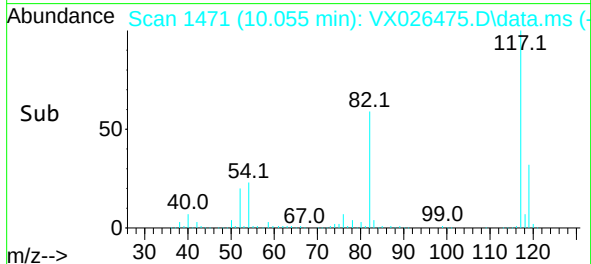
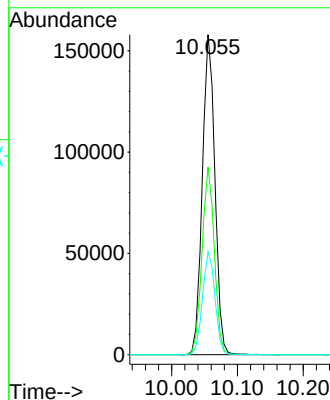
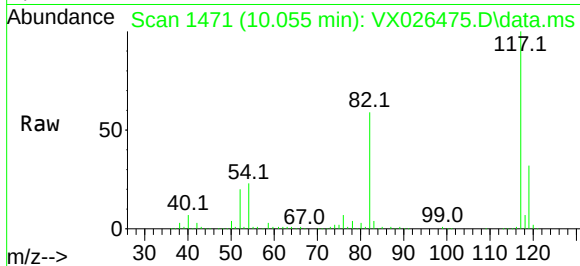




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026475.D
Acq: 15 Jan 2022 00:05

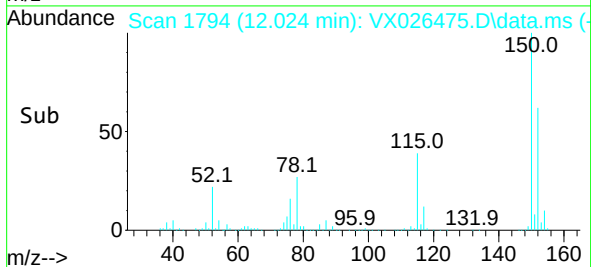
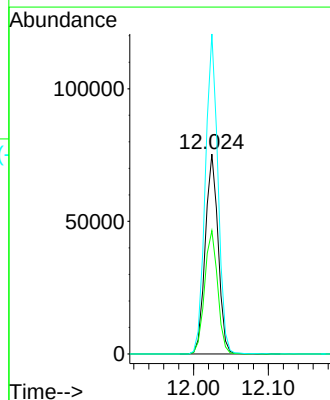
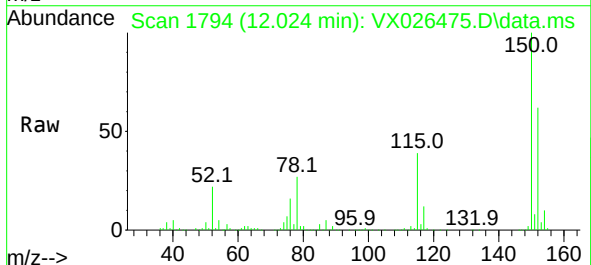
Instrument :
MSVOA_X
ClientSampleId :

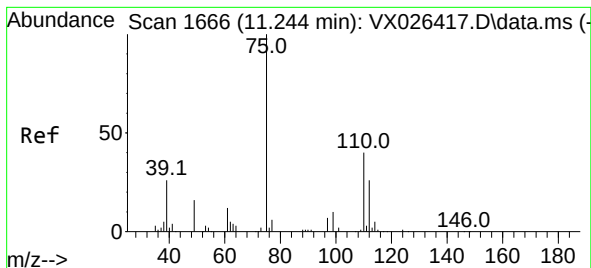
Tgt Ion:117 Resp: 209320
Ion Ratio Lower Upper
117 100
82 58.6 45.2 67.8
119 32.2 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026475.D
Acq: 15 Jan 2022 00:05

Tgt Ion:152 Resp: 89917
Ion Ratio Lower Upper
152 100
115 62.3 44.2 132.6
150 157.2 0.0 348.2





#76

1,2,3-Trichloropropane

Concen: 26.035 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.164 min

Lab File: VX026475.D

Acq: 15 Jan 2022 00:05

Instrument :

MSVOA_X

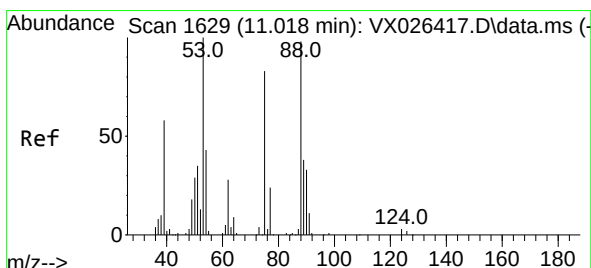
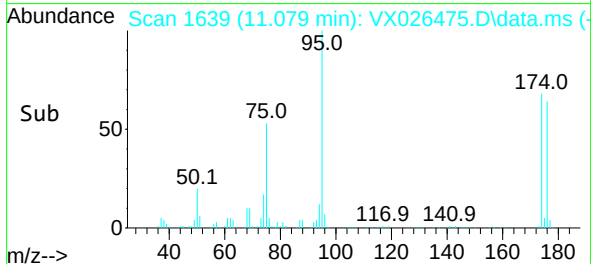
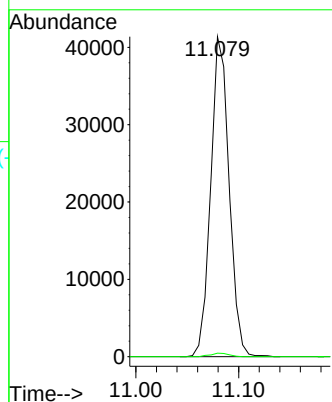
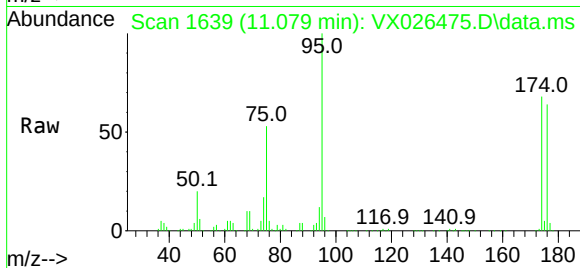
ClientSampleId :

Tgt Ion: 75 Resp: 51543

Ion Ratio Lower Upper

75 100

77 1.1 18.3 54.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 78.930 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX026475.D

Acq: 15 Jan 2022 00:05

Tgt Ion: 75 Resp: 51543

Ion Ratio Lower Upper

75 100

53 0.0 94.0 141.0#

89 0.0 37.0 55.4#

