

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121922\
 Data File : VX033479.D
 Acq On : 19 Dec 2022 13:13
 Operator : JC/MD
 Sample : PB149705ZHE#03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 20 05:00:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 07 12:43:54 2022
 Response via : Initial Calibration

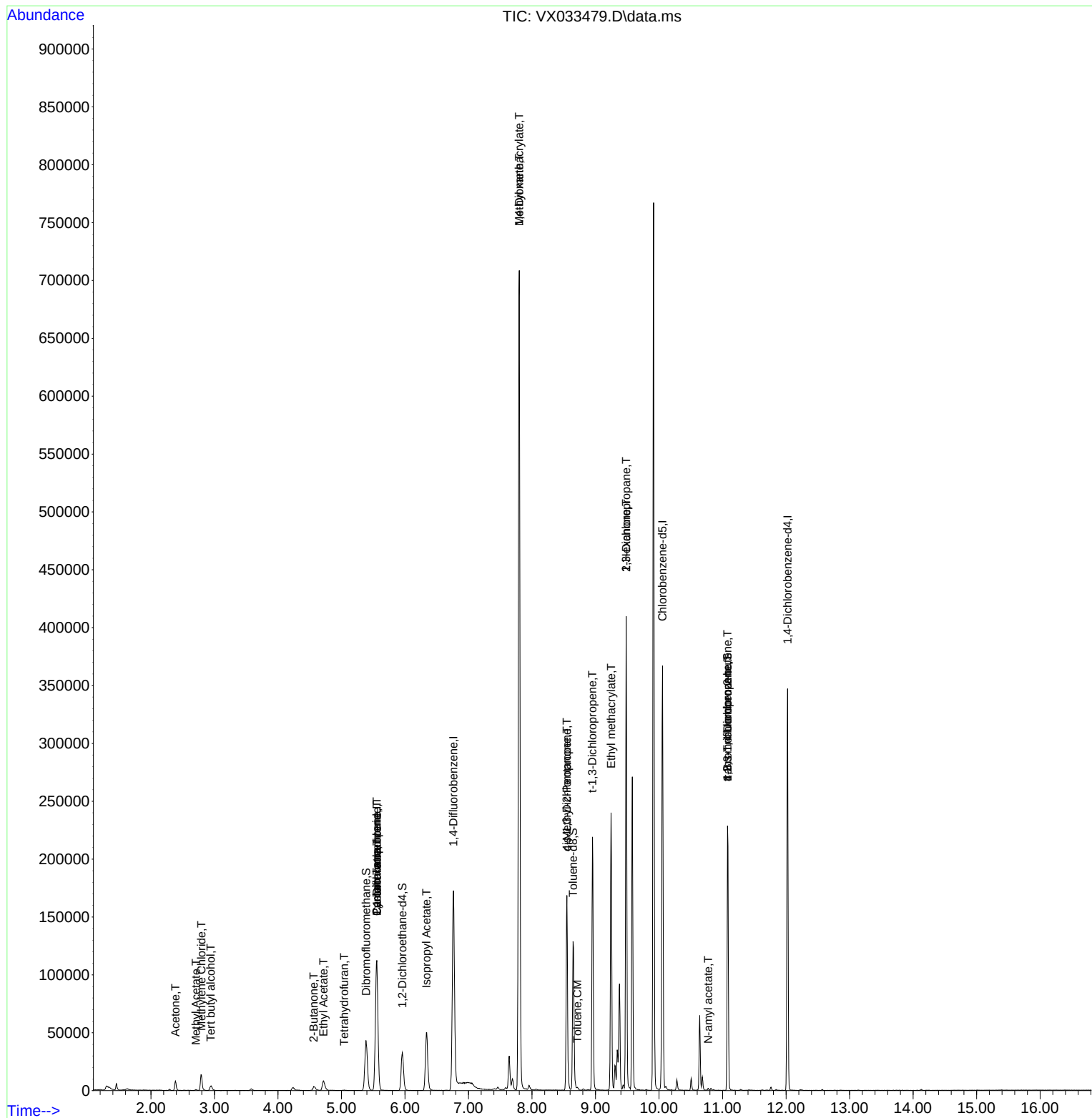
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	108640	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	174129	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	164435	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	73292	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	34088	48.909	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.820%
35) Dibromofluoromethane	5.385	113	37805	48.270	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.540%
50) Toluene-d8	8.647	98	78570	47.955	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.920%
62) 4-Bromofluorobenzene	11.079	95	60699	48.453	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.900%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.940	59	3407	15.989	ug/l #	72
16) Acetone	2.386	43	9438	18.300	ug/l	99
18) Methyl Acetate	2.709	43	1195	0.800	ug/l #	85
20) Methylene Chloride	2.794	84	7158	6.223	ug/l #	86
25) 2-Butanone	4.562	43	5315	7.180	ug/l #	89
29) Tetrahydrofuran	5.044	42	253	0.527	ug/l #	43
31) Cyclohexane	5.556	56	1992	1.203	ug/l #	23
36) 1,1-Dichloropropene	5.556	75	8189	5.363	ug/l #	49
37) Ethyl Acetate	4.714	43	15631	10.829	ug/l	98
38) Carbon Tetrachloride	5.556	117	11436	6.684	ug/l #	15
43) Isopropyl Acetate	6.336	43	67186	28.929	ug/l	98
48) Methyl methacrylate	7.799	41	63294	52.805	ug/l #	43
49) 1,4-Dioxane	7.799	88	84	3.073	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	55719	37.938	ug/l #	49
52) Toluene	8.714	92	577	0.200	ug/l	83
53) t-1,3-Dichloropropene	8.951	75	436	2.734	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	26621	14.796	ug/l #	57
56) Ethyl methacrylate	9.244	69	658	0.386	ug/l #	1
57) 1,3-Dichloropropane	9.482	76	3548	1.825	ug/l #	42
59) 2-Hexanone	9.482	43	45735	42.256	ug/l #	52
74) N-amyl acetate	10.774	43	695	0.383	ug/l #	43
76) 1,2,3-Trichloropropane	11.079	75	31014	20.799	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	31014	64.699	ug/l #	6

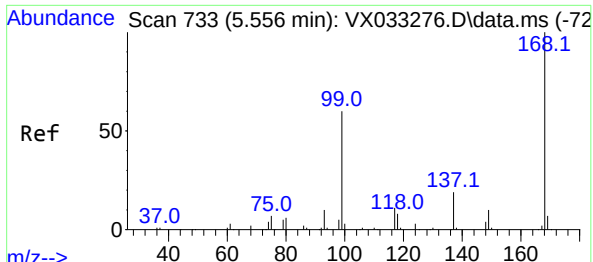
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

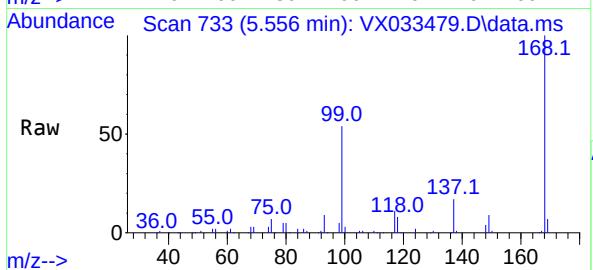
Quant Time: Dec 20 05:00:25 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 07 12:43:54 2022
Response via : Initial Calibration



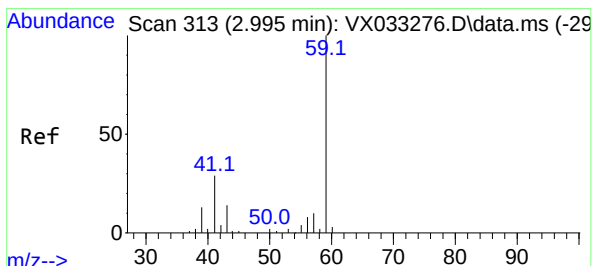
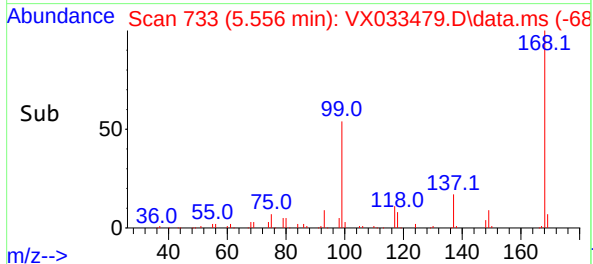
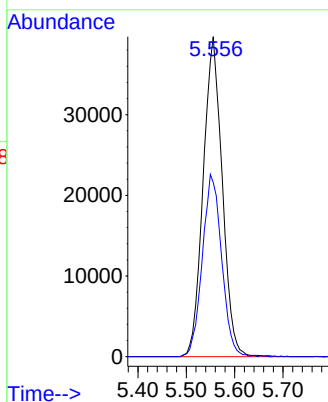


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033479.D
Acq: 19 Dec 2022 13:13

Instrument :
MSVOA_X
ClientSampleId :

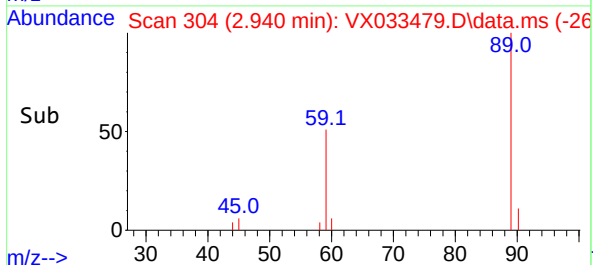
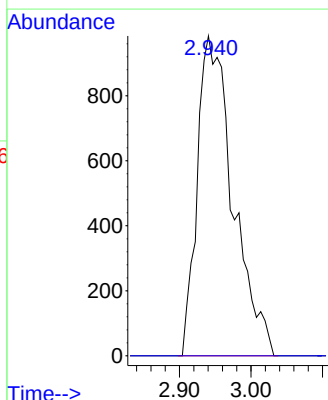
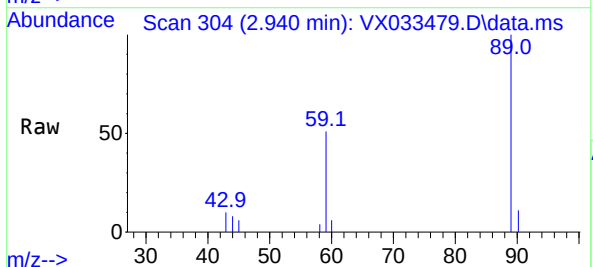


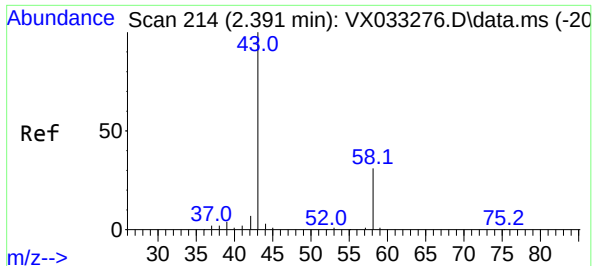
Tgt Ion:168 Resp: 108640
Ion Ratio Lower Upper
168 100
99 54.4 46.1 69.1



#11
Tert butyl alcohol
Concen: 15.989 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.055 min
Lab File: VX033479.D
Acq: 19 Dec 2022 13:13

Tgt Ion: 59 Resp: 3407
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

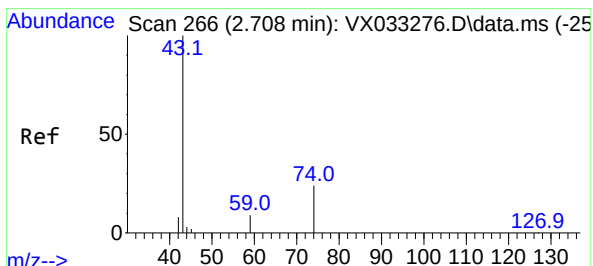
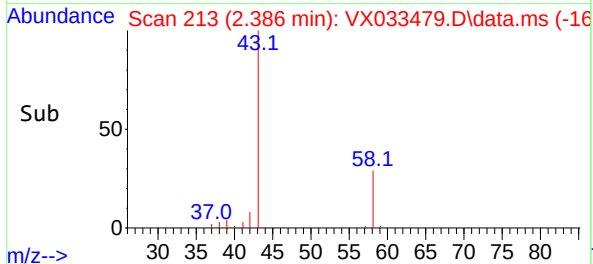
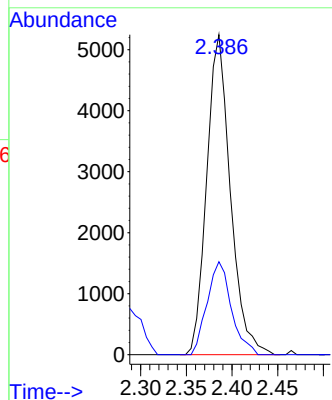
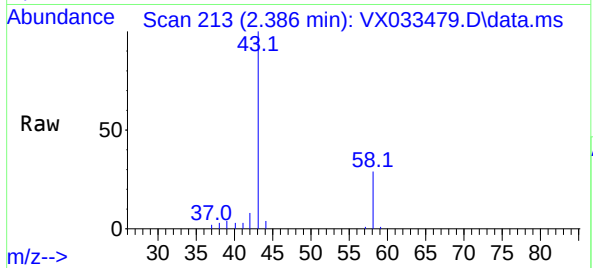




#16
Acetone
Concen: 18.300 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX033479.D
Acq: 19 Dec 2022 13:13

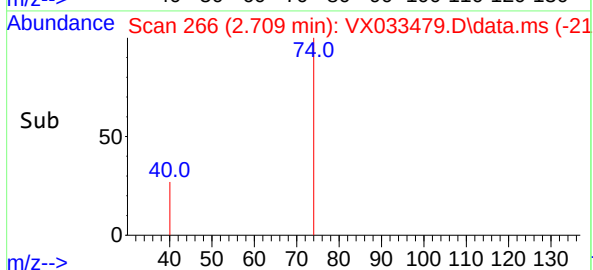
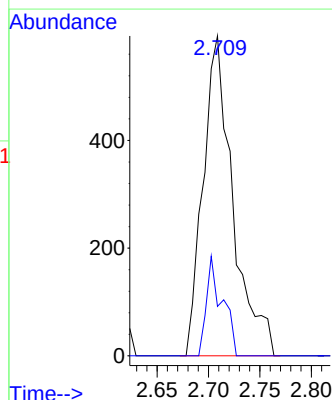
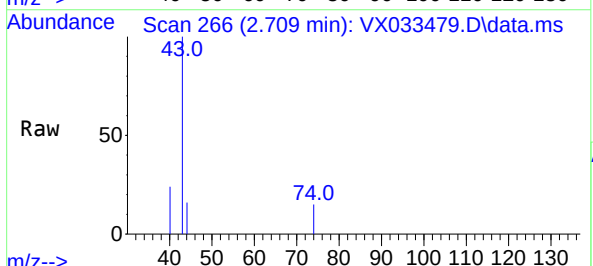
Instrument :
MSVOA_X
ClientSampleId :

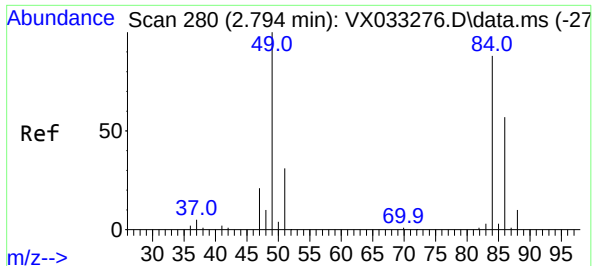
Tgt Ion: 43 Resp: 9438
Ion Ratio Lower Upper
43 100
58 29.0 23.8 35.8



#18
Methyl Acetate
Concen: 0.800 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX033479.D
Acq: 19 Dec 2022 13:13

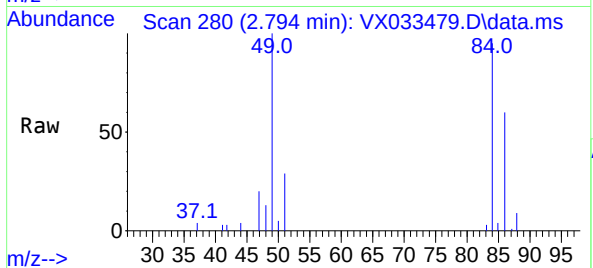
Tgt Ion: 43 Resp: 1195
Ion Ratio Lower Upper
43 100
74 16.6 19.4 29.0#





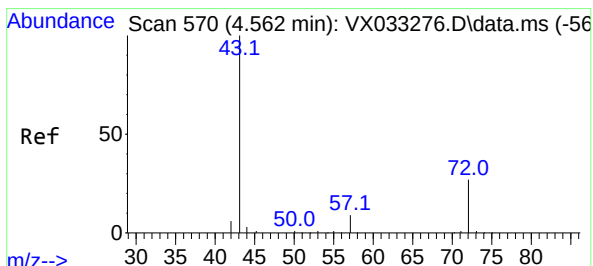
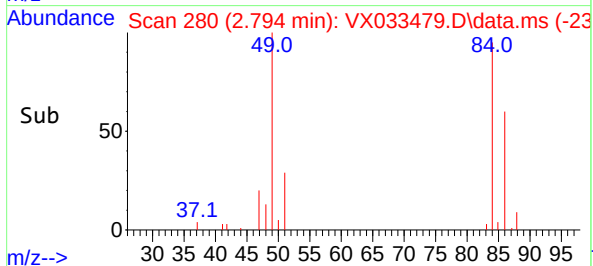
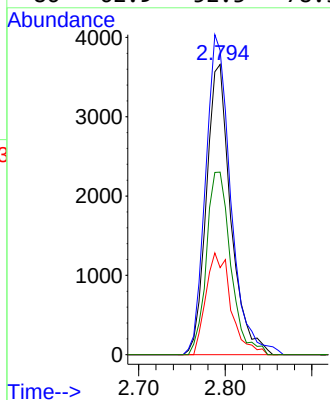
#20
Methylene Chloride
Concen: 6.223 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX033479.D
Acq: 19 Dec 2022 13:13

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 7158

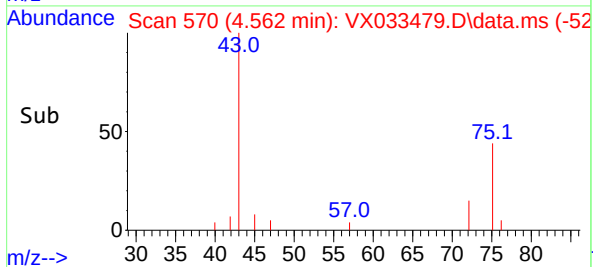
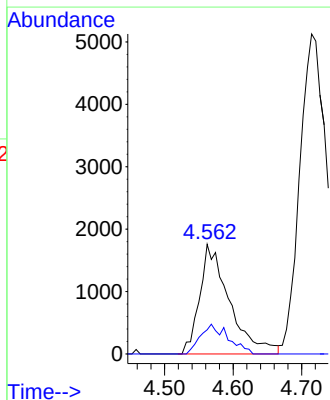
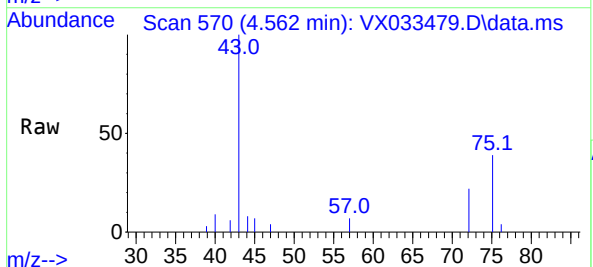
Ion	Ratio	Lower	Upper
84	100		
49	104.9	101.0	151.6
51	30.0	31.1	46.7#
86	62.9	52.3	78.5

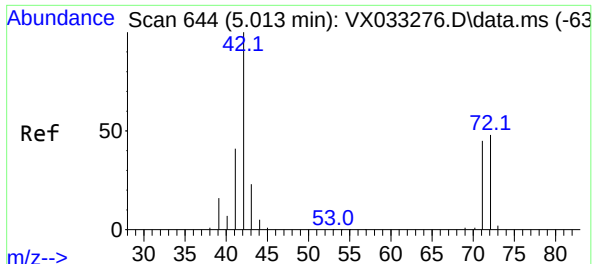


#25
2-Butanone
Concen: 7.180 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.000 min
Lab File: VX033479.D
Acq: 19 Dec 2022 13:13

Tgt Ion: 43 Resp: 5315

Ion	Ratio	Lower	Upper
43	100		
72	22.0	22.2	33.2#





#29

Tetrahydrofuran

Concen: 0.527 ug/l

RT: 5.044 min Scan# 64

Delta R.T. 0.031 min

Lab File: VX033479.D

Acq: 19 Dec 2022 13:13

Instrument :

MSVOA_X

ClientSampleId :

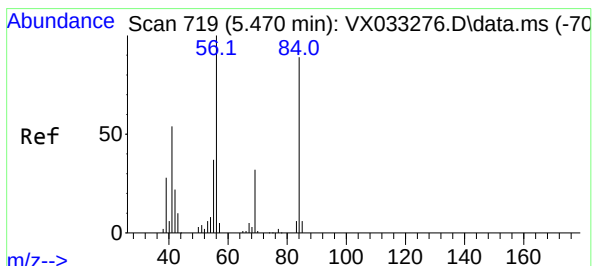
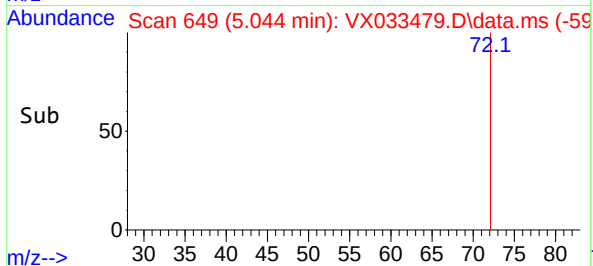
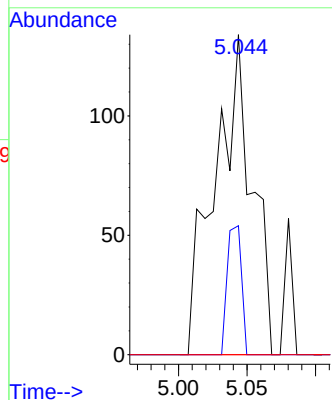
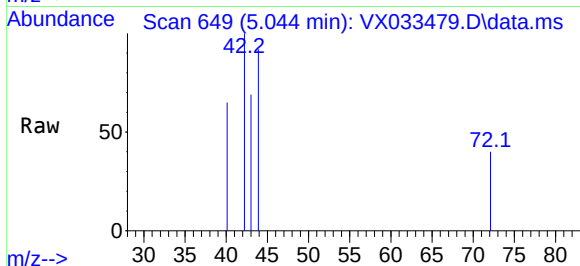
Tgt Ion: 42 Resp: 253

Ion Ratio Lower Upper

42 100

72 15.4 37.6 56.4#

71 0.0 34.7 52.1#



#31

Cyclohexane

Concen: 1.203 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.086 min

Lab File: VX033479.D

Acq: 19 Dec 2022 13:13

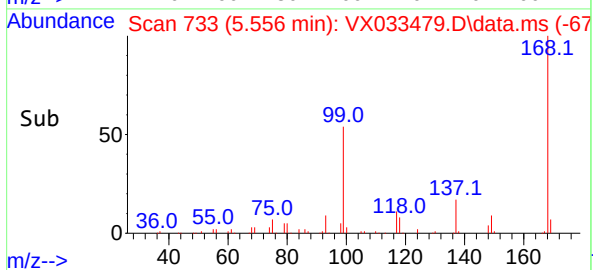
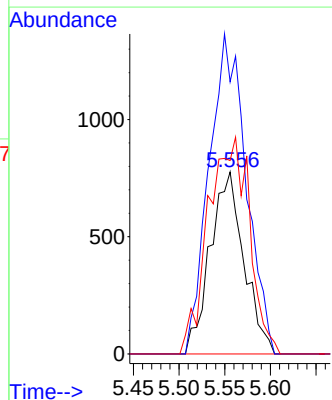
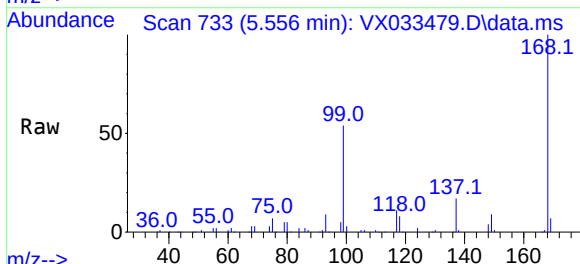
Tgt Ion: 56 Resp: 1992

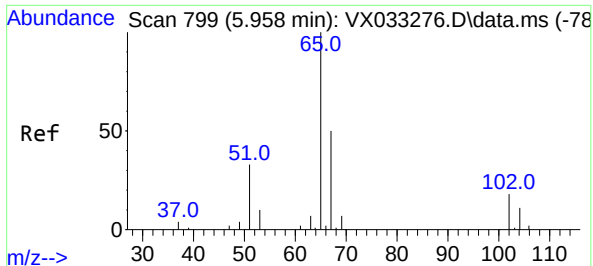
Ion Ratio Lower Upper

56 100

69 149.4 24.1 36.1#

84 106.2 66.9 100.3#





#33

1,2-Dichloroethane-d4

Concen: 48.909 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033479.D

Acq: 19 Dec 2022 13:13

Instrument :

MSVOA_X

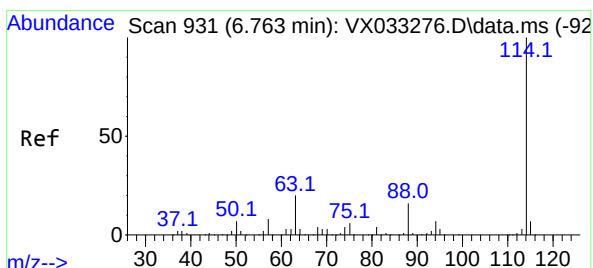
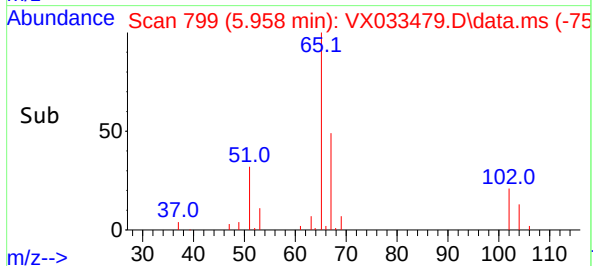
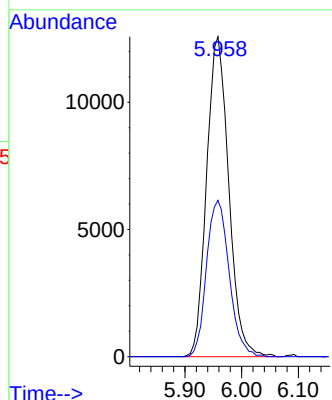
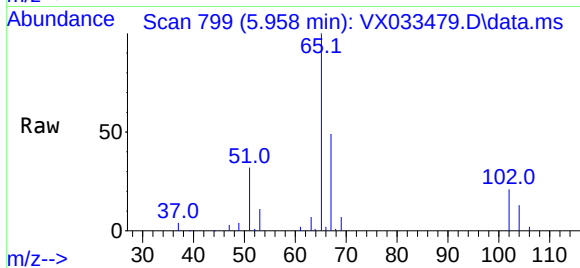
ClientSampleId :

Tgt Ion: 65 Resp: 34088

Ion Ratio Lower Upper

65 100

67 50.0 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX033479.D

Acq: 19 Dec 2022 13:13

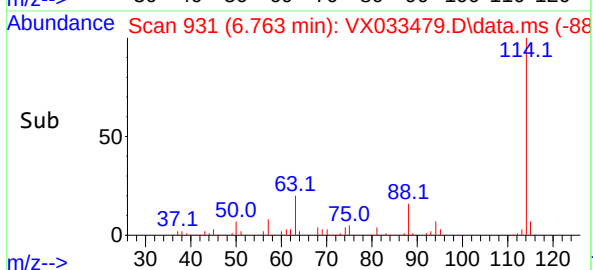
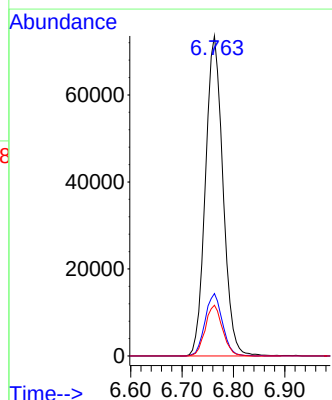
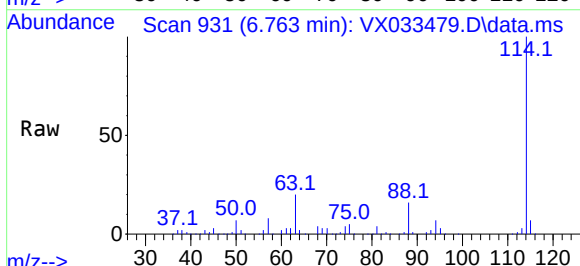
Tgt Ion: 114 Resp: 174129

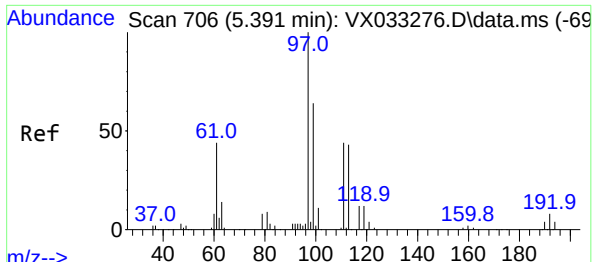
Ion Ratio Lower Upper

114 100

63 19.5 0.0 41.6

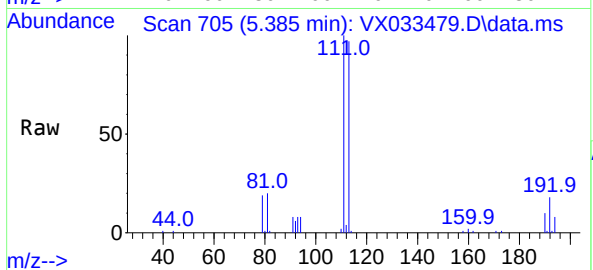
88 15.9 0.0 33.4



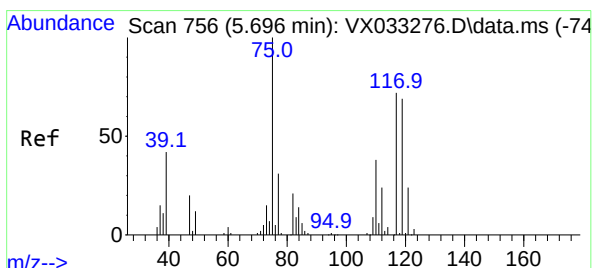
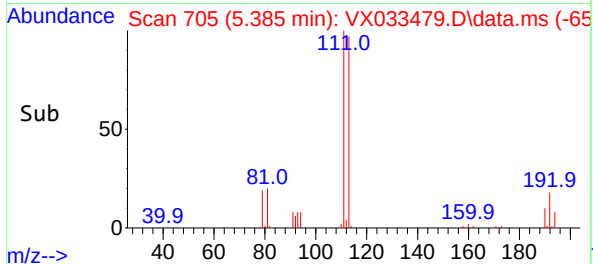
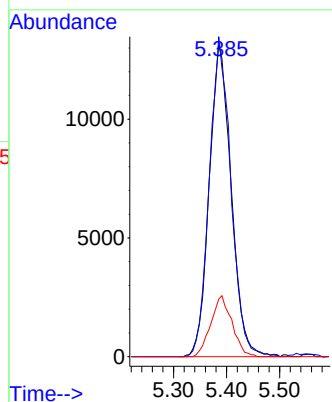


#35
Dibromofluoromethane
Concen: 48.270 ug/l
RT: 5.385 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX033479.D
Acq: 19 Dec 2022 13:13

Instrument :
MSVOA_X
ClientSampleId :

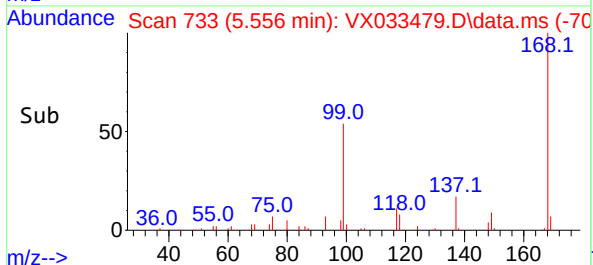
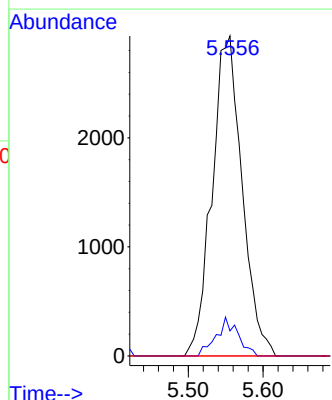
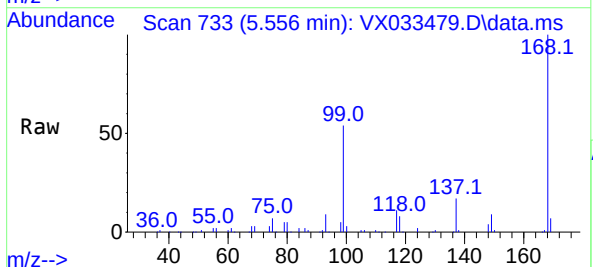


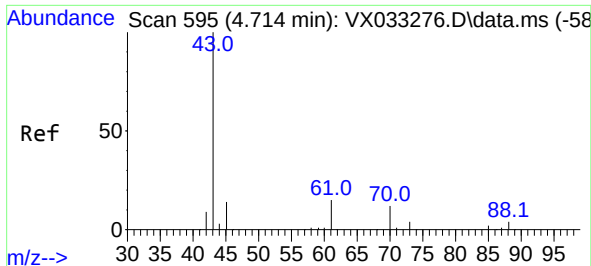
Tgt Ion:113 Resp: 37805
Ion Ratio Lower Upper
113 100
111 100.8 82.4 123.6
192 18.9 15.4 23.2



#36
1,1-Dichloropropene
Concen: 5.363 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX033479.D
Acq: 19 Dec 2022 13:13

Tgt Ion: 75 Resp: 8189
Ion Ratio Lower Upper
75 100
110 8.7 18.4 55.2#
77 0.0 24.5 36.7#





#37

Ethyl Acetate

Concen: 10.829 ug/l

RT: 4.714 min Scan# 595

Delta R.T. 0.000 min

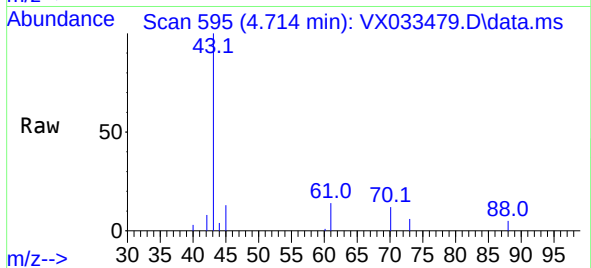
Lab File: VX033479.D

Acq: 19 Dec 2022 13:13

Instrument :

MSVOA_X

ClientSampleId :



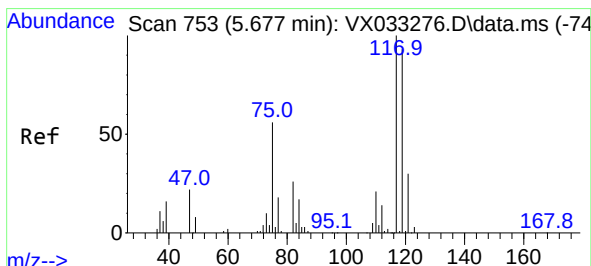
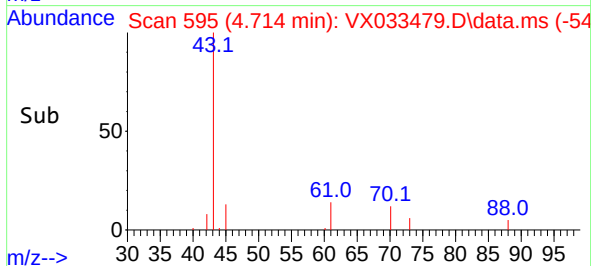
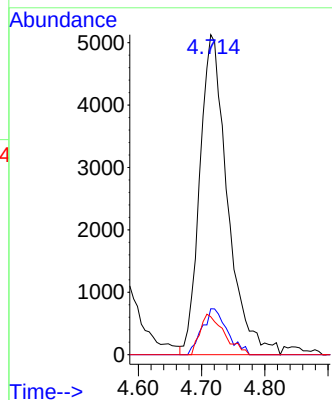
Tgt Ion: 43 Resp: 15631

Ion Ratio Lower Upper

43 100

61 13.0 11.5 17.3

70 11.0 9.1 13.7



#38

Carbon Tetrachloride

Concen: 6.684 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.122 min

Lab File: VX033479.D

Acq: 19 Dec 2022 13:13

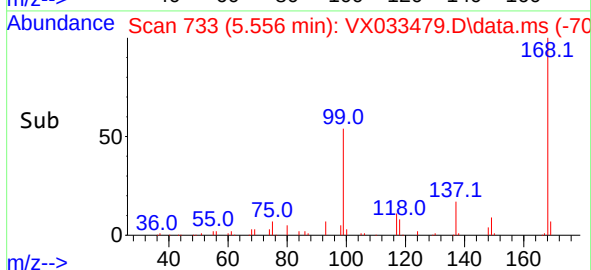
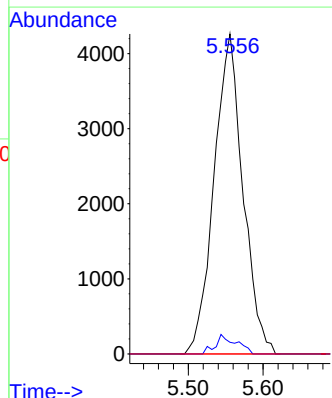
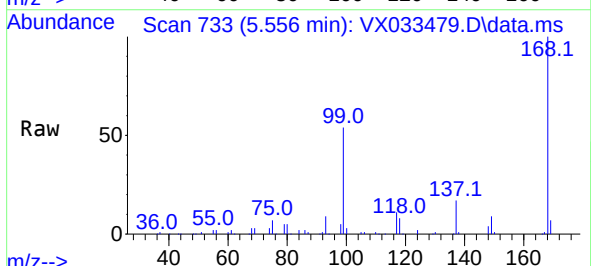
Tgt Ion: 117 Resp: 11436

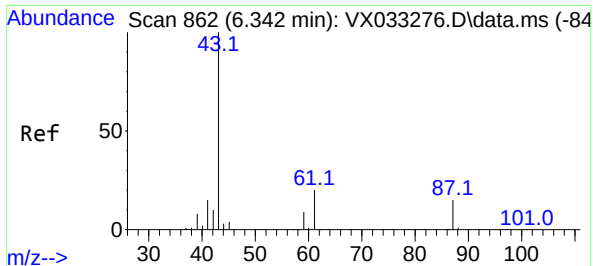
Ion Ratio Lower Upper

117 100

119 3.6 77.2 115.8#

121 0.0 25.8 38.6#

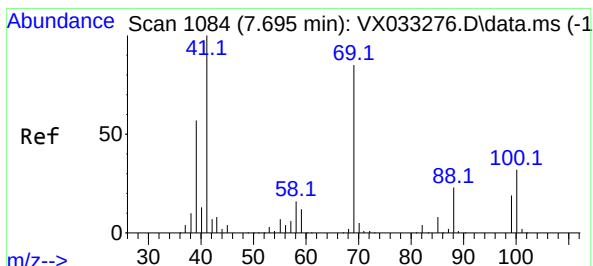
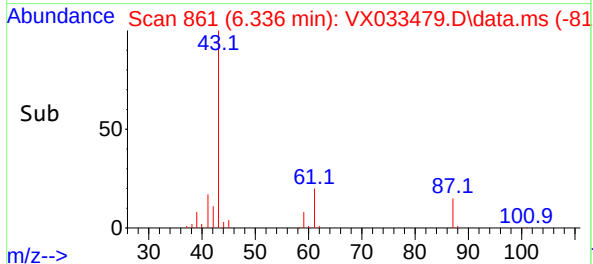
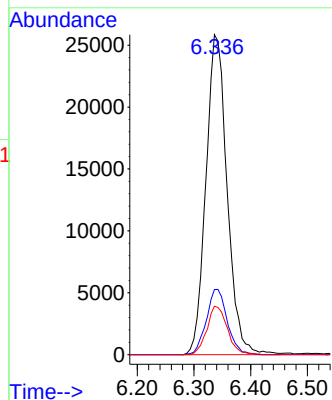
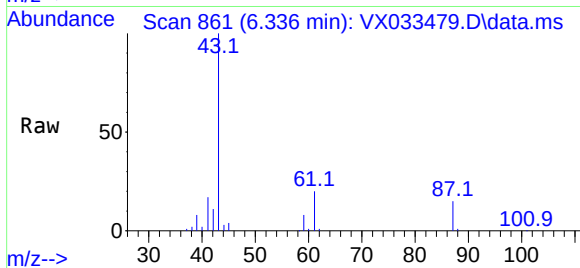




#43
Isopropyl Acetate
Concen: 28.929 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX033479.D
Acq: 19 Dec 2022 13:13

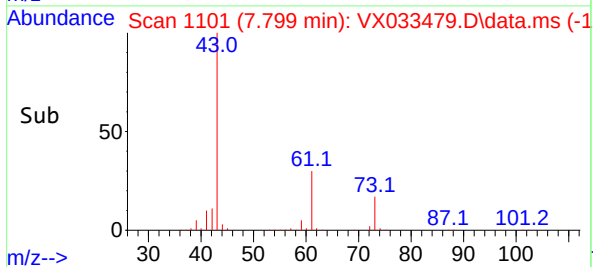
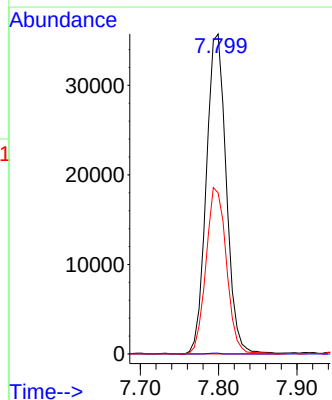
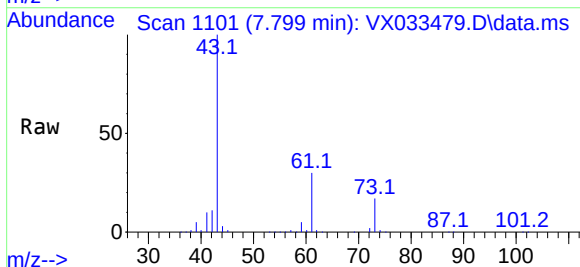
Instrument :
MSVOA_X
ClientSampleId :

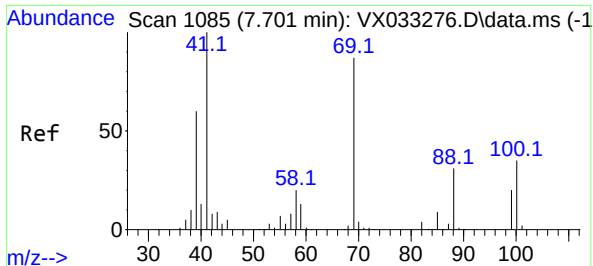
Tgt Ion: 43 Resp: 67186
Ion Ratio Lower Upper
43 100
61 20.1 15.4 23.0
87 14.6 10.8 16.2



#48
Methyl methacrylate
Concen: 52.805 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.104 min
Lab File: VX033479.D
Acq: 19 Dec 2022 13:13

Tgt Ion: 41 Resp: 63294
Ion Ratio Lower Upper
41 100
69 0.1 65.1 97.7#
39 53.1 51.9 77.9





#49

1,4-Dioxane

Concen: 3.073 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.098 min

Lab File: VX033479.D

Acq: 19 Dec 2022 13:13

Instrument :

MSVOA_X

ClientSampleId :

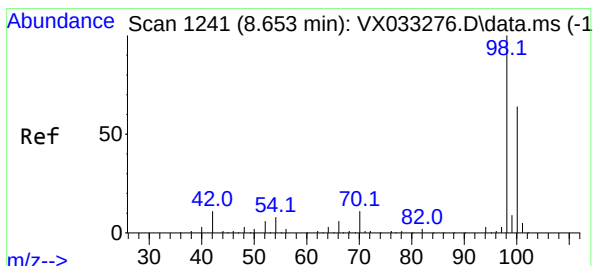
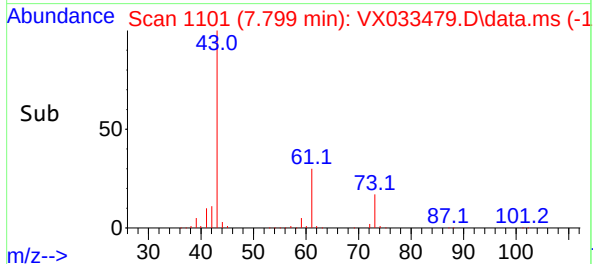
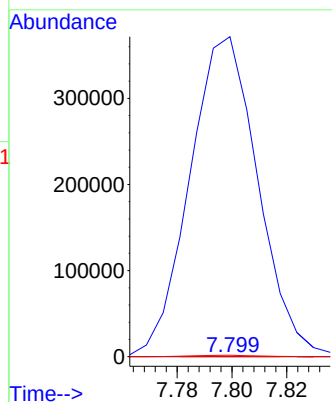
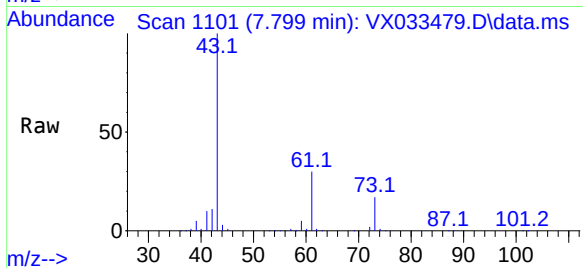
Tgt Ion: 88 Resp: 84

Ion Ratio Lower Upper

88 100

43 773286.9 26.6 39.8#

58 3446.4 51.7 77.5#



#50

Toluene-d8

Concen: 47.955 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX033479.D

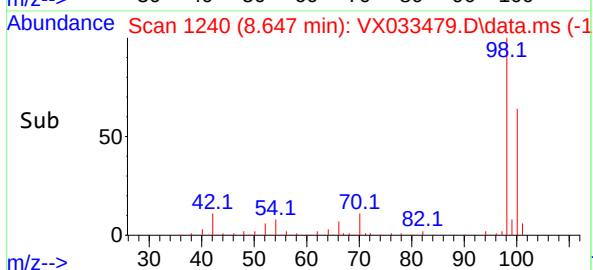
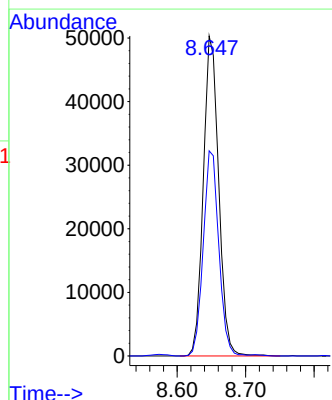
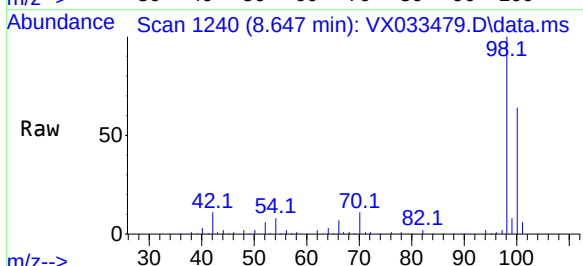
Acq: 19 Dec 2022 13:13

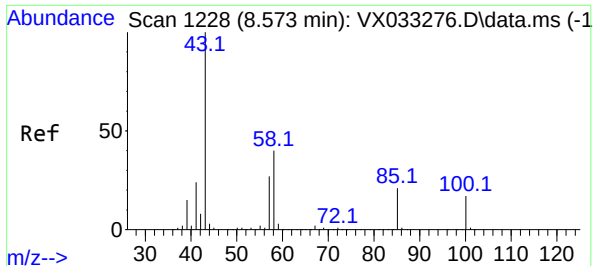
Tgt Ion: 98 Resp: 78570

Ion Ratio Lower Upper

98 100

100 64.8 50.9 76.3

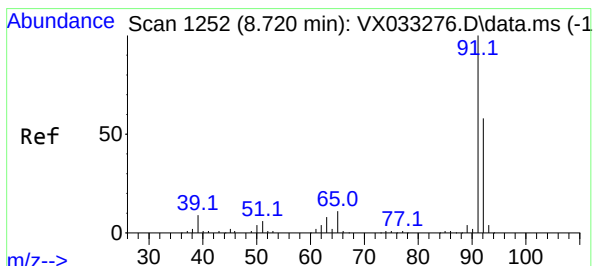
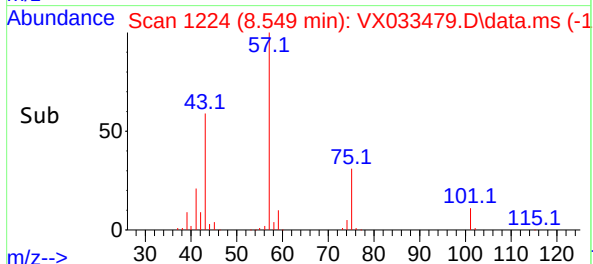
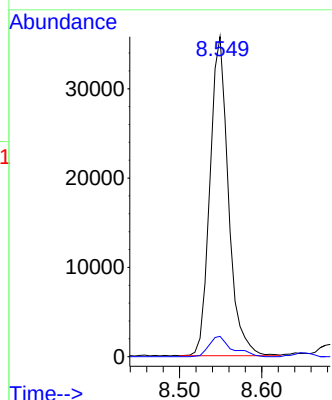
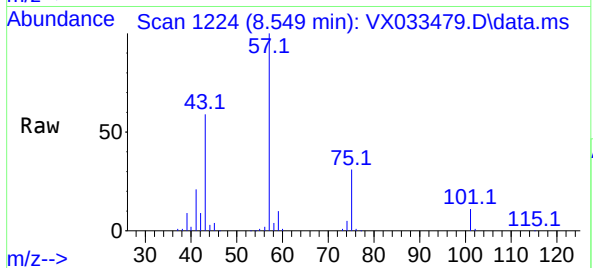




#51
4-Methyl-2-Pentanone
Concen: 37.938 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX033479.D
Acq: 19 Dec 2022 13:13

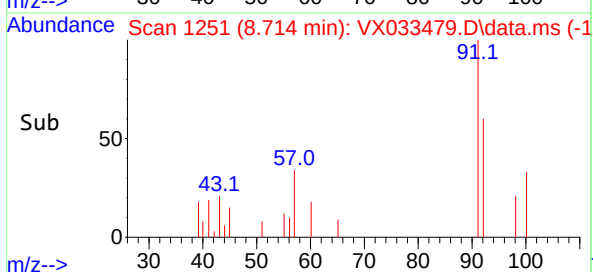
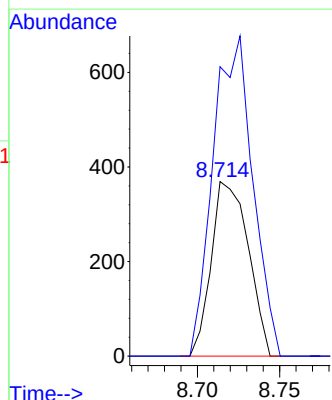
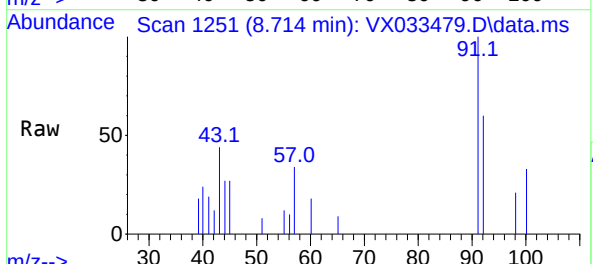
Instrument :
MSVOA_X
ClientSampleId :

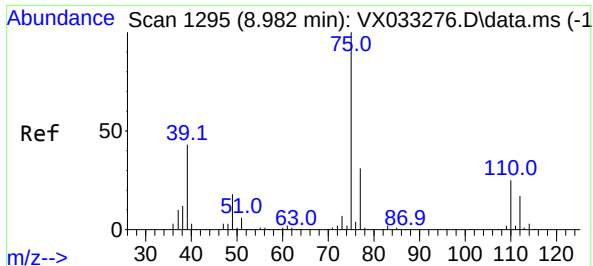
Tgt Ion: 43 Resp: 55719
Ion Ratio Lower Upper
43 100
58 7.8 30.9 46.3#



#52
Toluene
Concen: 0.200 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX033479.D
Acq: 19 Dec 2022 13:13

Tgt Ion: 92 Resp: 577
Ion Ratio Lower Upper
92 100
91 196.9 138.3 207.5





#53

t-1,3-Dichloropropene

Concen: 2.734 ug/l

RT: 8.951 min Scan# 11

Delta R.T. -0.030 min

Lab File: VX033479.D

Acq: 19 Dec 2022 13:13

Instrument :

MSVOA_X

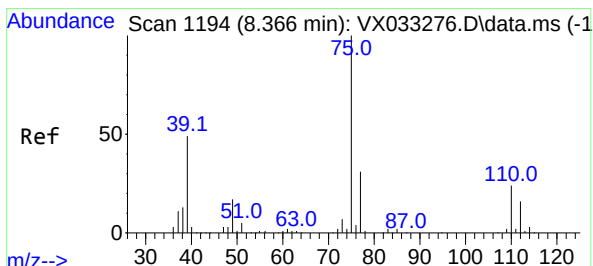
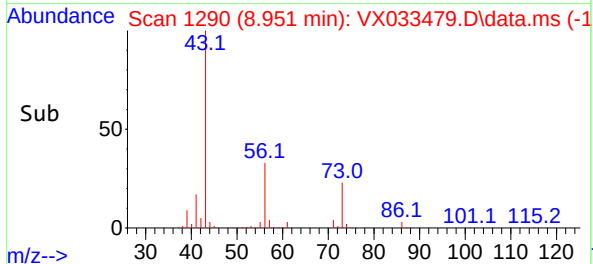
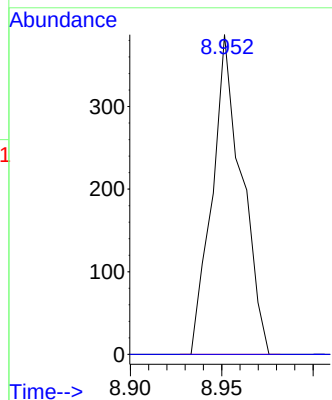
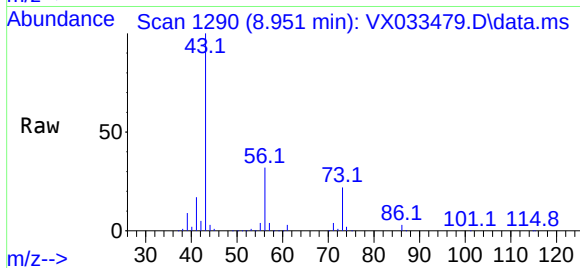
ClientSampleId :

Tgt Ion: 75 Resp: 436

Ion Ratio Lower Upper

75 100

77 0.0 25.1 37.7#



#54

cis-1,3-Dichloropropene

Concen: 14.796 ug/l

RT: 8.549 min Scan# 1224

Delta R.T. 0.183 min

Lab File: VX033479.D

Acq: 19 Dec 2022 13:13

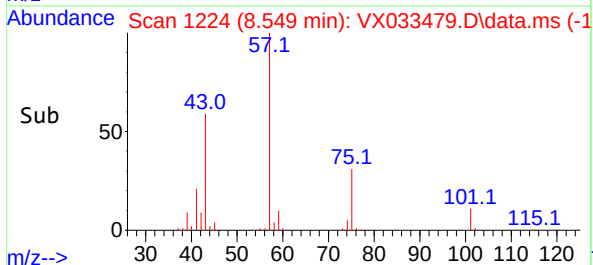
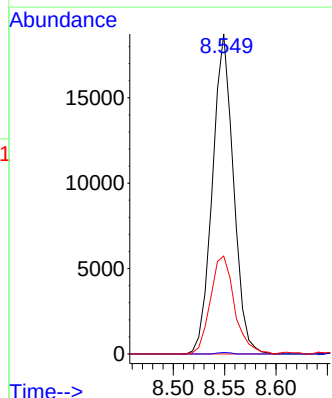
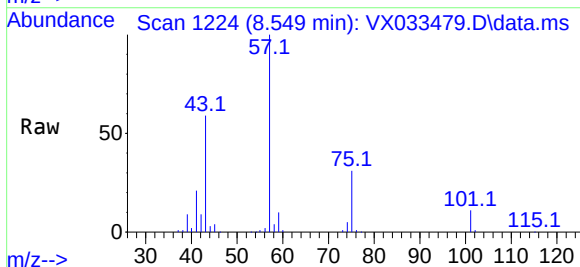
Tgt Ion: 75 Resp: 26621

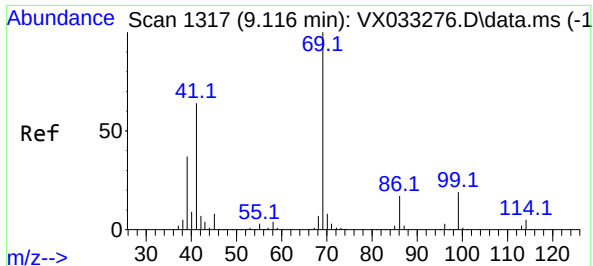
Ion Ratio Lower Upper

75 100

77 0.4 25.1 37.7#

39 30.6 45.5 68.3#





#56

Ethyl methacrylate

Concen: 0.386 ug/l

RT: 9.244 min Scan# 11

Delta R.T. 0.128 min

Lab File: VX033479.D

Acq: 19 Dec 2022 13:13

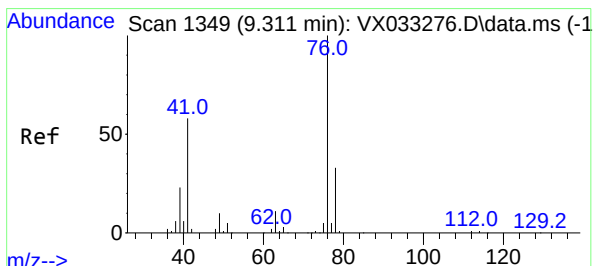
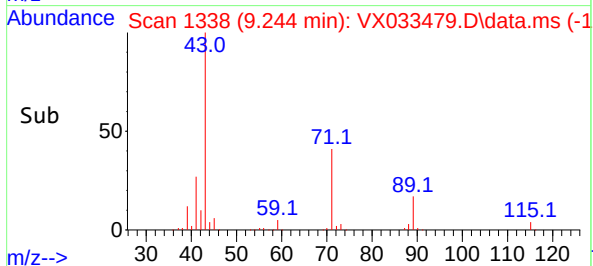
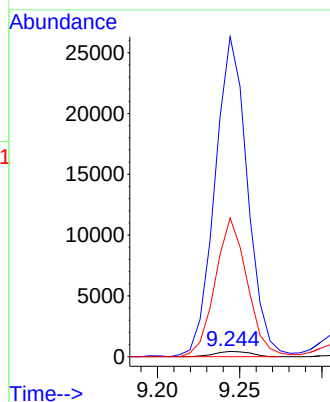
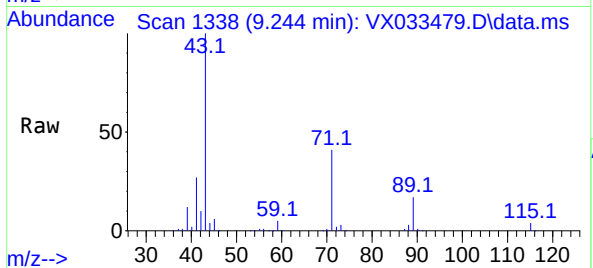
Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 69 Resp: 658

Ion	Ratio	Lower	Upper
69	100		
41	5534.5	54.3	81.5#
39	2351.5	35.2	52.8#



#57

1,3-Dichloropropane

Concen: 1.825 ug/l

RT: 9.482 min Scan# 1377

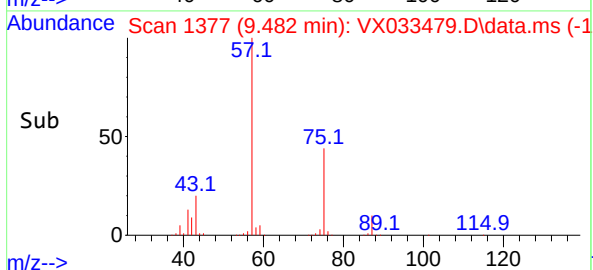
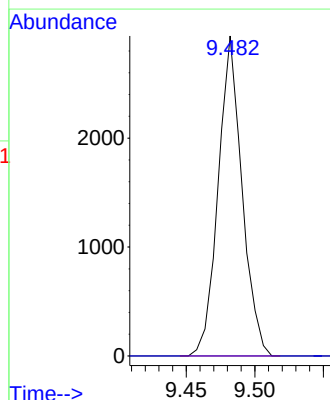
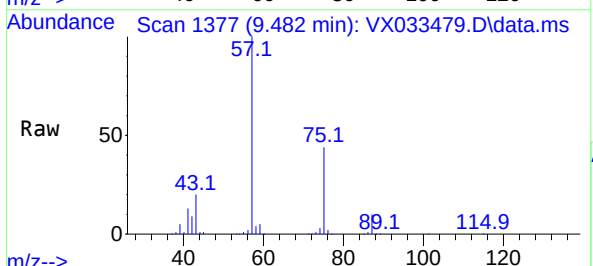
Delta R.T. 0.171 min

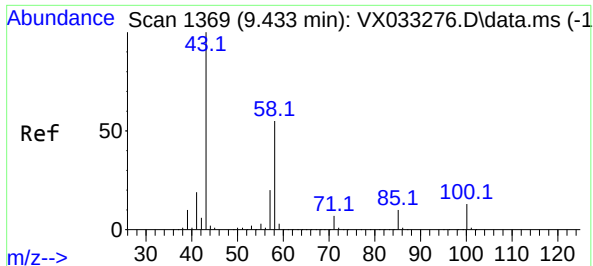
Lab File: VX033479.D

Acq: 19 Dec 2022 13:13

Tgt Ion: 76 Resp: 3548

Ion	Ratio	Lower	Upper
76	100		
78	0.0	26.0	39.0#





#59

2-Hexanone

Concen: 42.256 ug/l

RT: 9.482 min Scan# 1

Delta R.T. 0.049 min

Lab File: VX033479.D

Acq: 19 Dec 2022 13:13

Instrument :

MSVOA_X

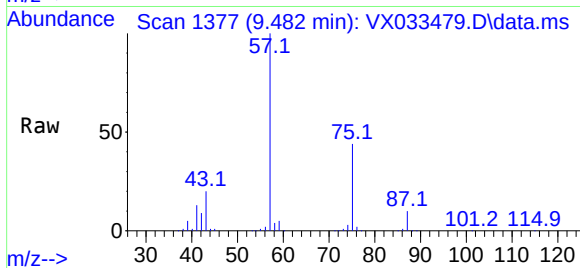
ClientSampleId :

Tgt Ion: 43 Resp: 45735

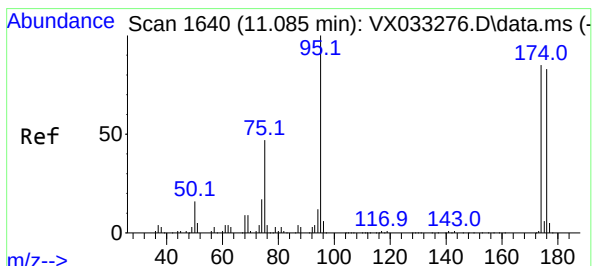
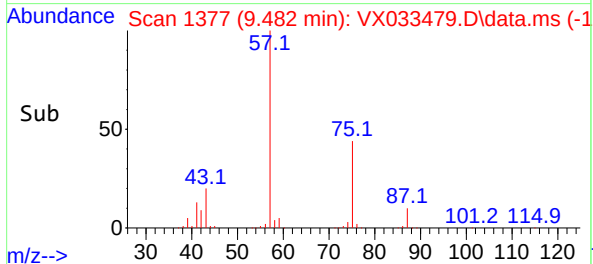
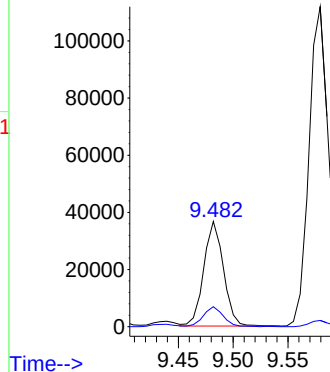
Ion Ratio Lower Upper

43 100

58 19.3 26.5 79.5#



Abundance



#62

4-Bromofluorobenzene

Concen: 48.453 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX033479.D

Acq: 19 Dec 2022 13:13

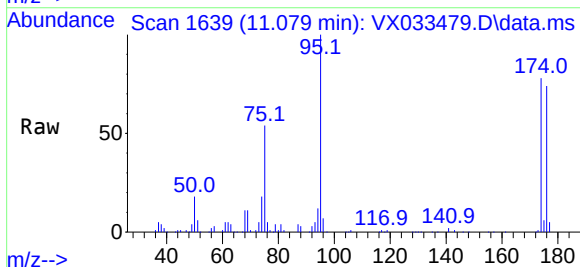
Tgt Ion: 95 Resp: 60699

Ion Ratio Lower Upper

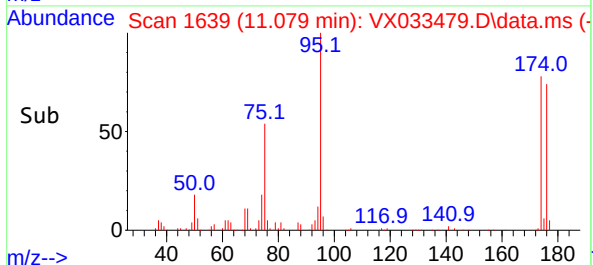
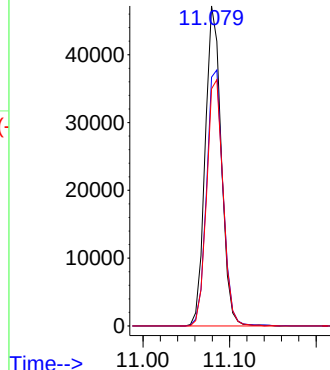
95 100

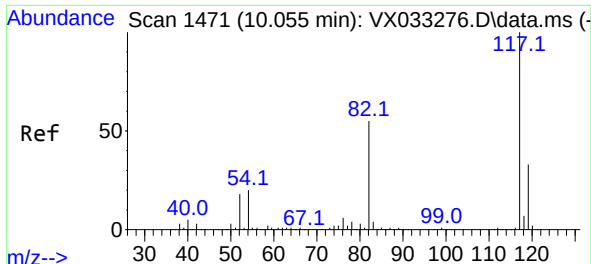
174 81.8 0.0 164.0

176 78.9 0.0 154.4



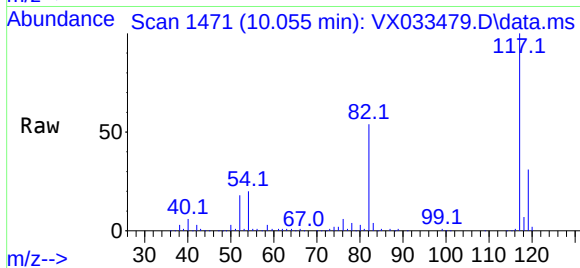
Abundance



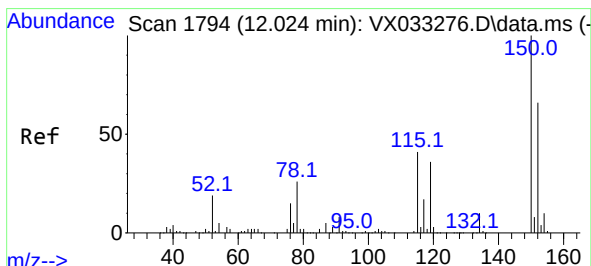
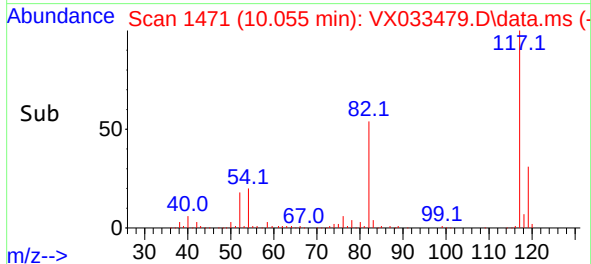
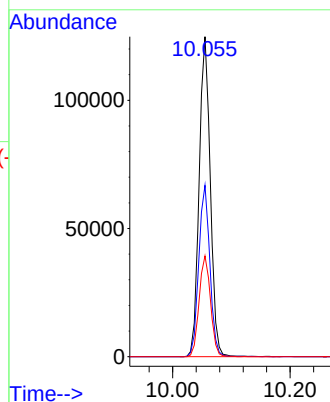


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033479.D
Acq: 19 Dec 2022 13:13

Instrument :
MSVOA_X
ClientSampleId :

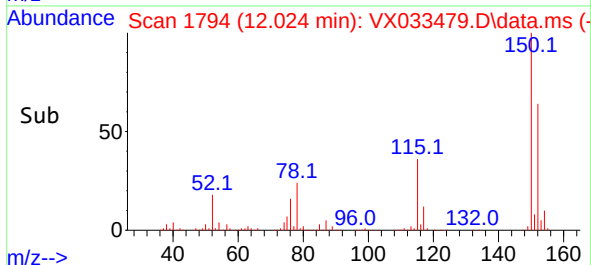
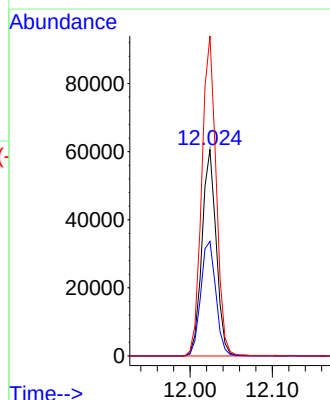
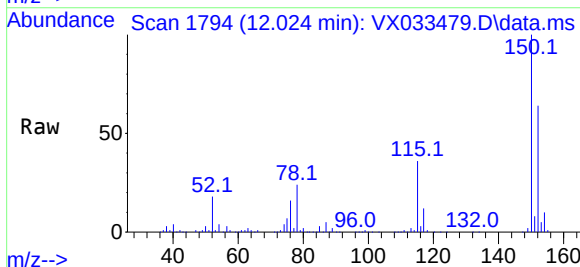


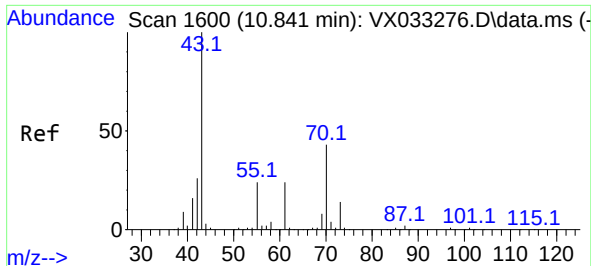
Tgt Ion:117 Resp: 164435
Ion Ratio Lower Upper
117 100
82 53.6 44.3 66.5
119 31.5 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033479.D
Acq: 19 Dec 2022 13:13

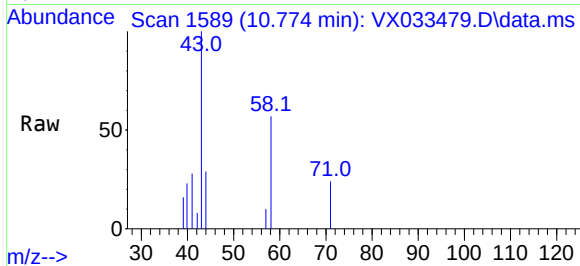
Tgt Ion:152 Resp: 73292
Ion Ratio Lower Upper
152 100
115 58.9 44.0 132.0
150 156.5 0.0 351.8



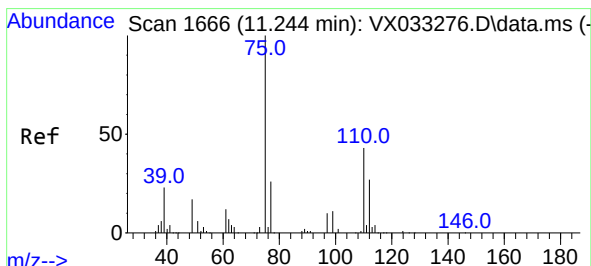
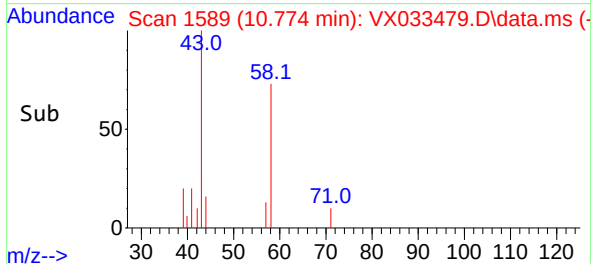
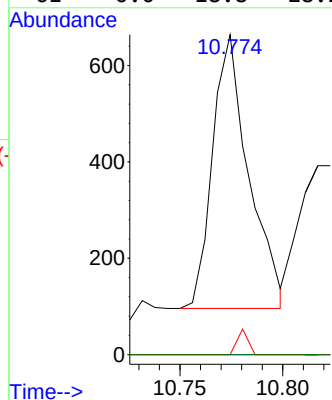


#74
N-amy1 acetate
Concen: 0.383 ug/l
RT: 10.774 min Scan# 1639
Delta R.T. -0.067 min
Lab File: VX033479.D
Acq: 19 Dec 2022 13:13

Instrument :
MSVOA_X
ClientSampleId :

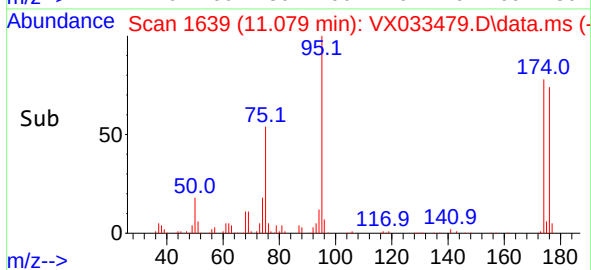
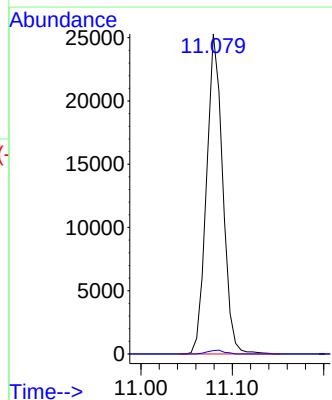
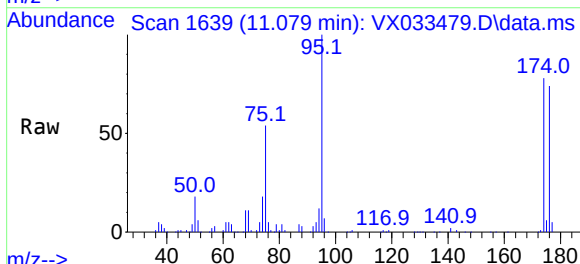


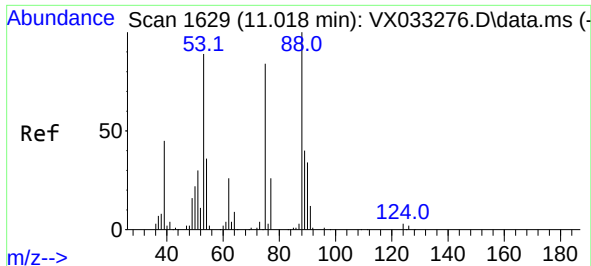
Tgt Ion: 43 Resp: 695
Ion Ratio Lower Upper
43 100
70 0.0 33.6 50.4#
55 0.0 19.4 29.2#
61 0.0 18.8 28.2#



#76
1,2,3-Trichloropropane
Concen: 20.799 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX033479.D
Acq: 19 Dec 2022 13:13

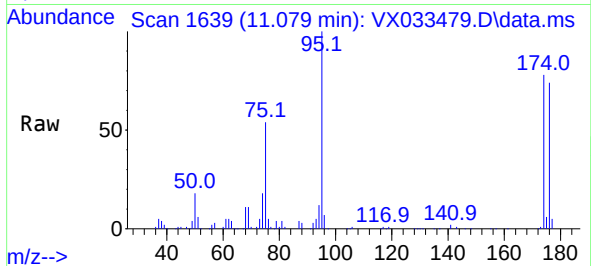
Tgt Ion: 75 Resp: 31014
Ion Ratio Lower Upper
75 100
77 1.2 20.0 60.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 64.699 ug/l
RT: 11.079 min Scan# 10
Delta R.T. 0.061 min
Lab File: VX033479.D
Acq: 19 Dec 2022 13:13

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 31014
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

