

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042823\
 Data File : VX035386.D
 Acq On : 28 Apr 2023 13:24
 Operator : JC/MD
 Sample : 02491-03ME
 Misc : 5.07g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S2S-TP4

Quant Time: Apr 28 15:41:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

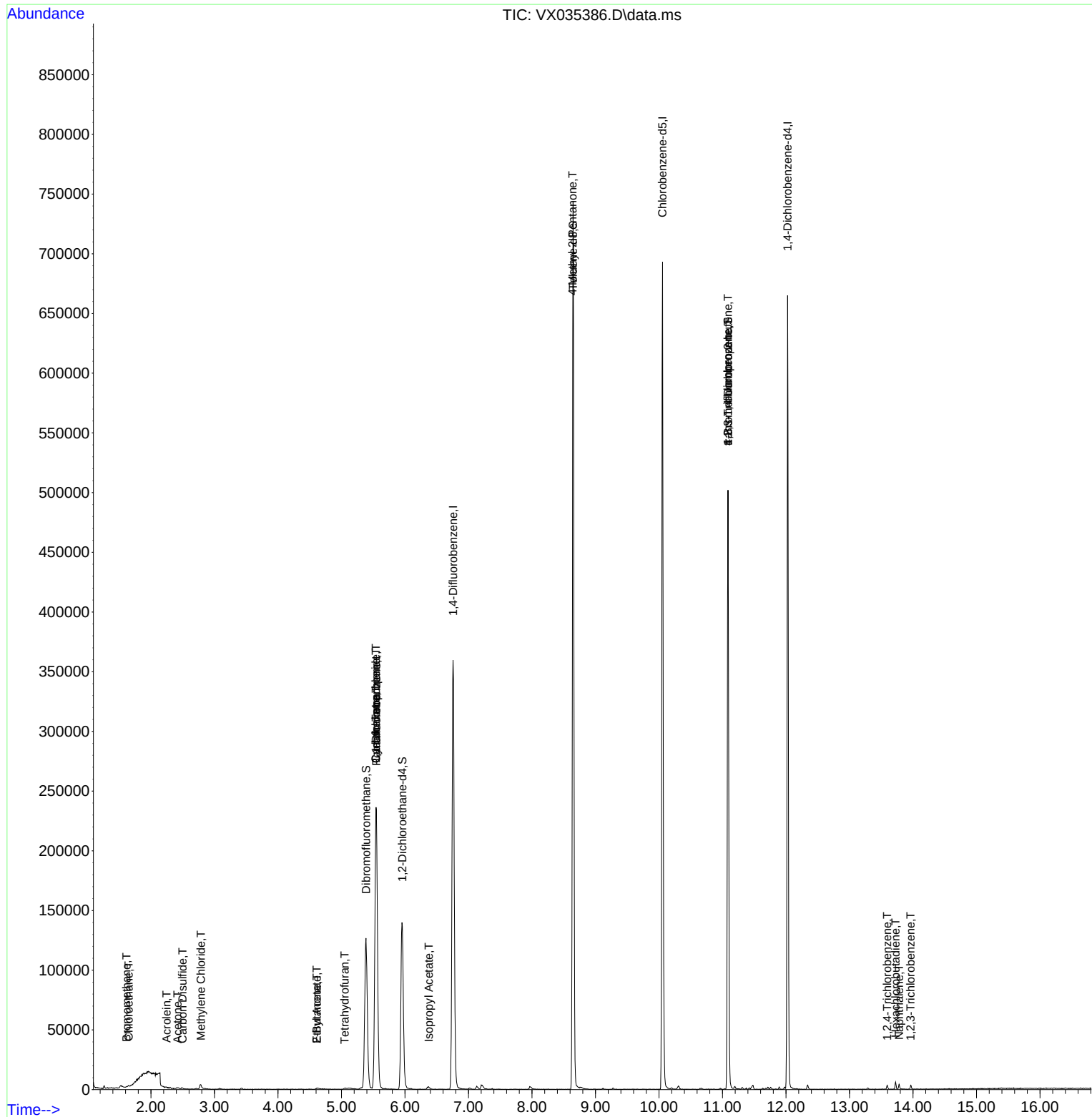
Internal Standards						
1) Pentafluorobenzene	5.550	168	237166	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	384539	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	336516	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	145797	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	140014	48.934	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.860%
35) Dibromofluoromethane	5.385	113	111723	47.336	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.680%
50) Toluene-d8	8.647	98	449188	50.451	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.900%
62) 4-Bromofluorobenzene	11.085	95	155726	46.495	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.000%
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	379	0.249	ug/l	84
6) Chloroethane	1.648	64	331	0.247	ug/l #	42
13) Acrolein	2.246	56	139	0.271	ug/l #	73
16) Acetone	2.416	43	1524	1.226	ug/l #	82
17) Carbon Disulfide	2.496	76	1409	0.255	ug/l #	77
20) Methylene Chloride	2.788	84	2447	0.859	ug/l #	73
25) 2-Butanone	4.611	43	3027	1.669	ug/l	93
29) Tetrahydrofuran	5.050	42	1000	0.860	ug/l #	43
31) Cyclohexane	5.544	56	4797	1.182	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	17027	4.620	ug/l #	51
37) Ethyl Acetate	4.611	43	3027	0.899	ug/l #	70
38) Carbon Tetrachloride	5.544	117	23571	6.737	ug/l #	16
43) Isopropyl Acetate	6.373	43	1207	0.213	ug/l #	62
51) 4-Methyl-2-Pentanone	8.641	43	1958	0.563	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	76859	26.427	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.085	75	76859	85.593	ug/l #	8
93) 1,2,4-Trichlorobenzene	13.591	180	1045	0.330	ug/l	95
94) Hexachlorobutadiene	13.725	225	989	0.712	ug/l	97
95) Naphthalene	13.780	128	3406	0.350	ug/l	95
96) 1,2,3-Trichlorobenzene	13.963	180	1156	0.363	ug/l	88

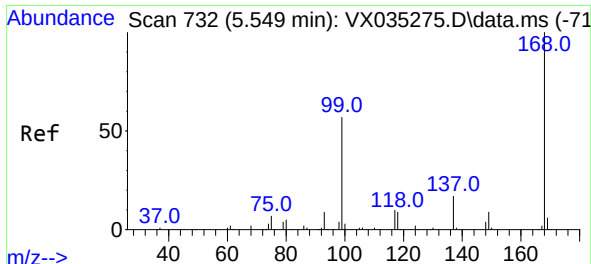
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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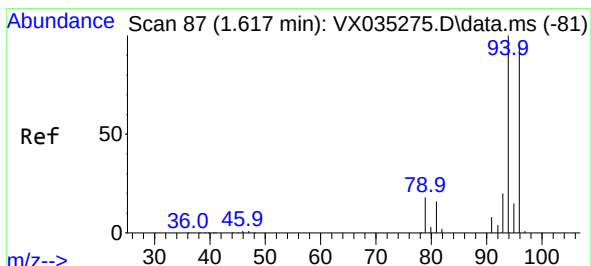
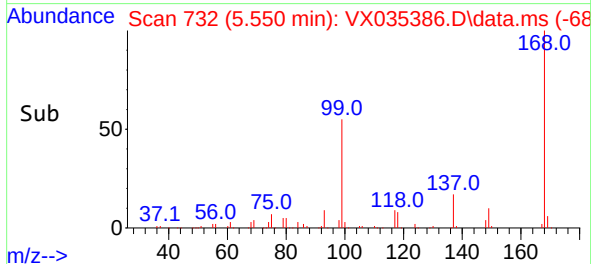
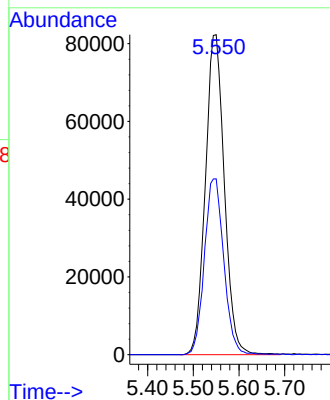
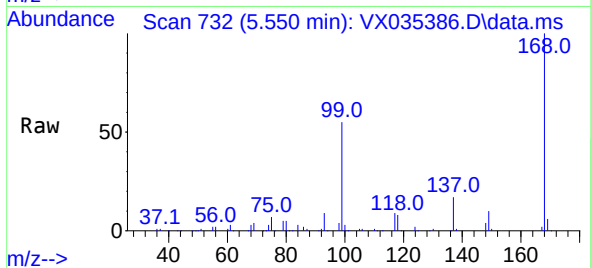




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035386.D
Acq: 28 Apr 2023 13:24

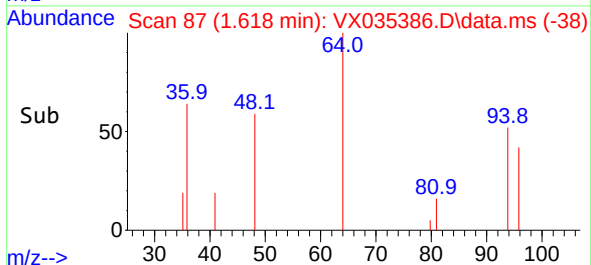
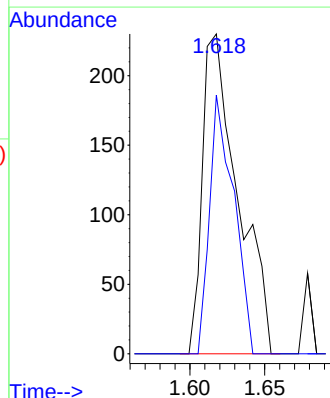
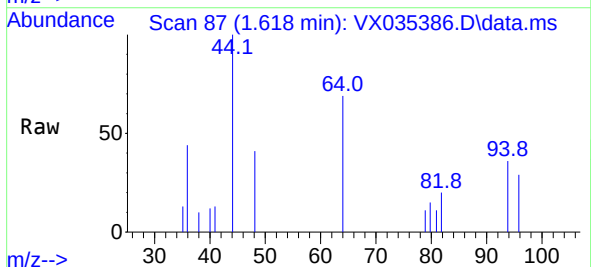
Instrument :
MSVOA_X
ClientSampleId :
S2S-TP4

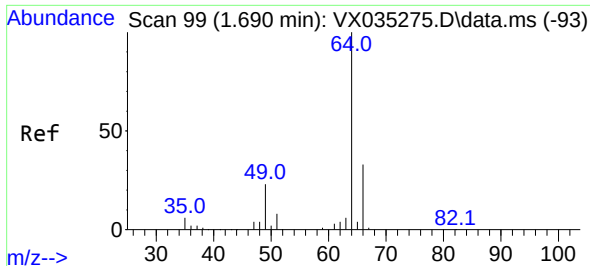
Tgt Ion:168 Resp: 237166
Ion Ratio Lower Upper
168 100
99 55.0 45.7 68.5



#5
Bromomethane
Concen: 0.249 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.001 min
Lab File: VX035386.D
Acq: 28 Apr 2023 13:24

Tgt Ion: 94 Resp: 379
Ion Ratio Lower Upper
94 100
96 80.9 77.0 115.6

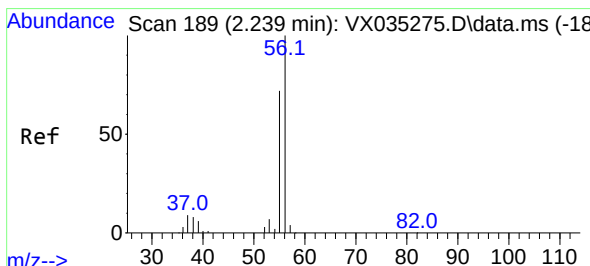
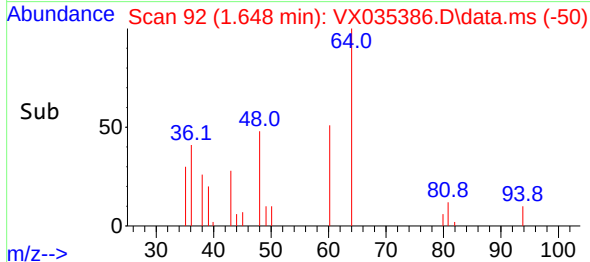
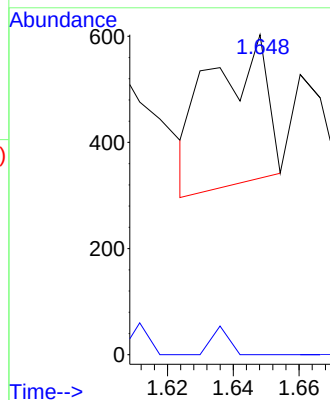
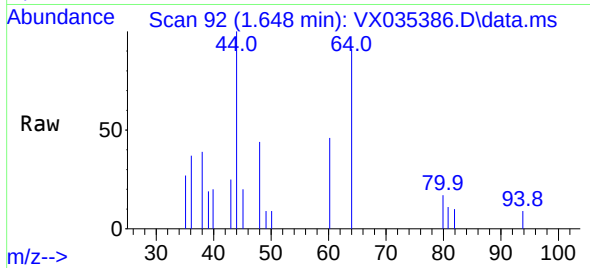




#6
Chloroethane
Concen: 0.247 ug/l
RT: 1.648 min Scan# 91
Delta R.T. -0.042 min
Lab File: VX035386.D
Acq: 28 Apr 2023 13:24

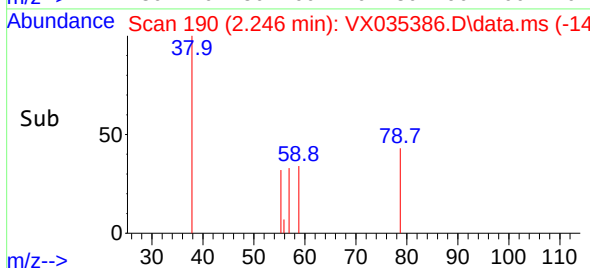
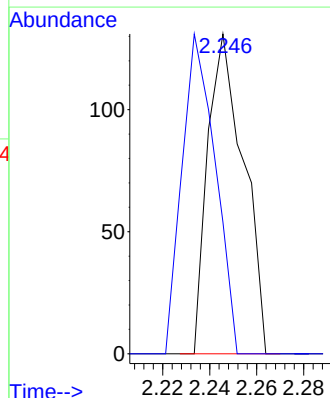
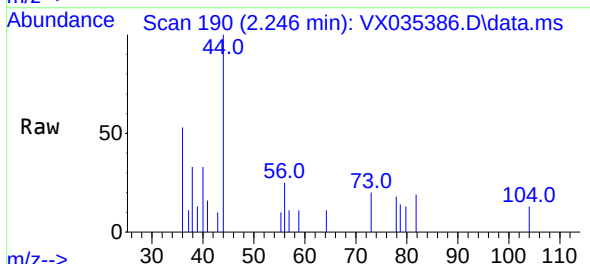
Instrument :
MSVOA_X
ClientSampleId :
S2S-TP4

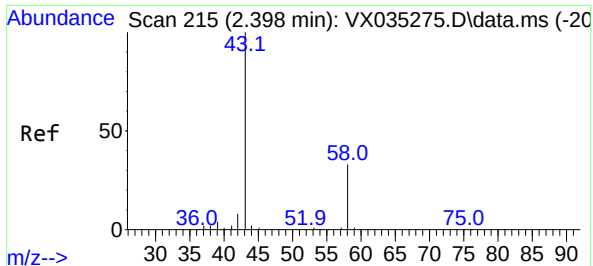
Tgt Ion: 64 Resp: 331
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#13
Acrolein
Concen: 0.271 ug/l
RT: 2.246 min Scan# 190
Delta R.T. 0.007 min
Lab File: VX035386.D
Acq: 28 Apr 2023 13:24

Tgt Ion: 56 Resp: 139
Ion Ratio Lower Upper
56 100
55 92.8 56.6 85.0#

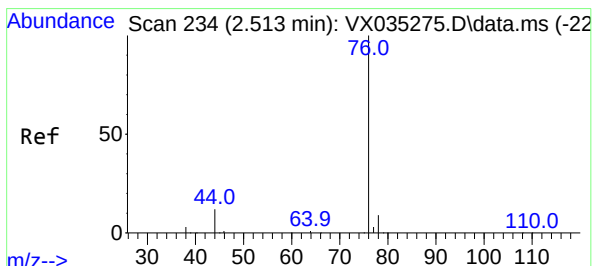
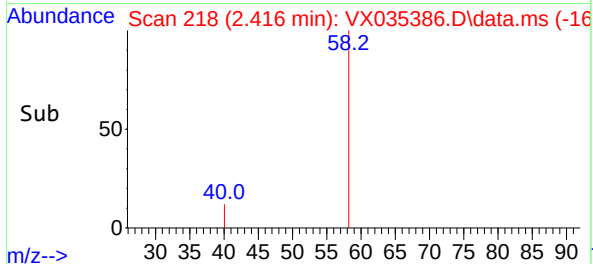
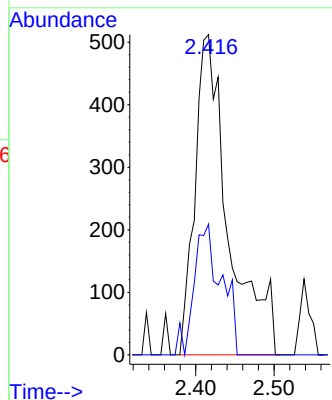
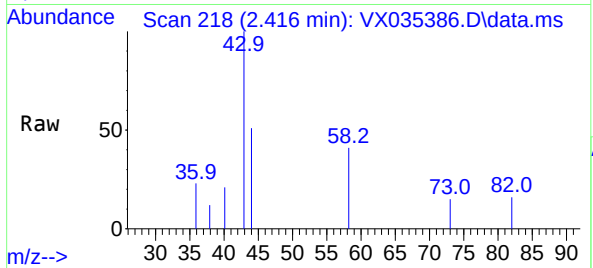




#16
Acetone
Concen: 1.226 ug/l
RT: 2.416 min Scan# 215
Delta R.T. 0.018 min
Lab File: VX035386.D
Acq: 28 Apr 2023 13:24

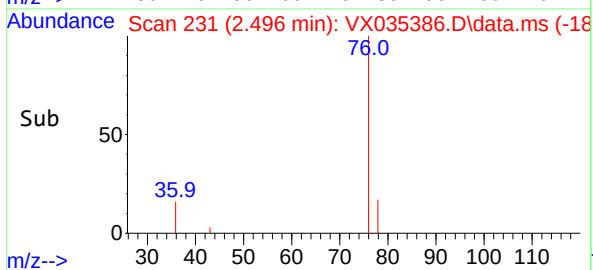
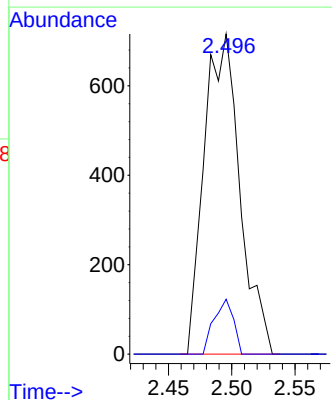
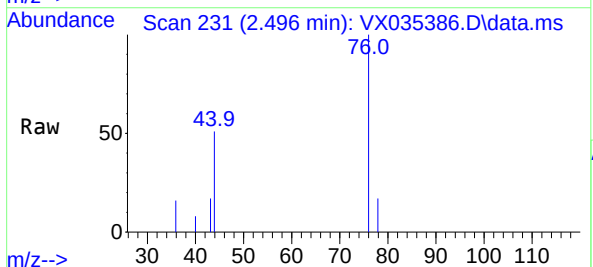
Instrument :
MSVOA_X
ClientSampleId :
S2S-TP4

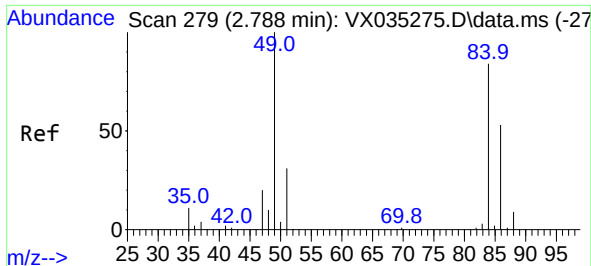
Tgt Ion: 43 Resp: 1524
Ion Ratio Lower Upper
43 100
58 40.8 24.7 37.1#



#17
Carbon Disulfide
Concen: 0.255 ug/l
RT: 2.496 min Scan# 231
Delta R.T. -0.017 min
Lab File: VX035386.D
Acq: 28 Apr 2023 13:24

Tgt Ion: 76 Resp: 1409
Ion Ratio Lower Upper
76 100
78 17.2 7.2 10.8#



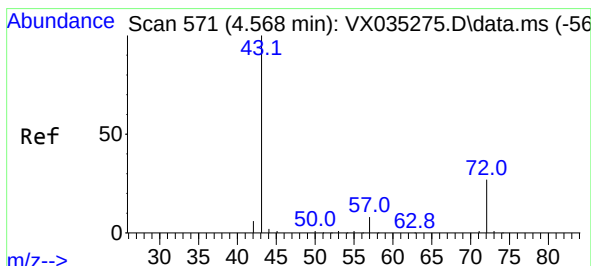
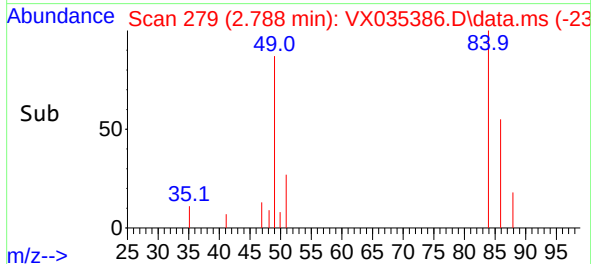
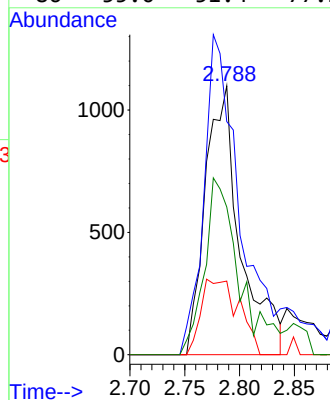
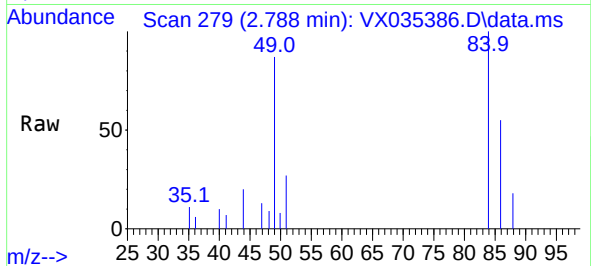


#20
Methylene Chloride
Concen: 0.859 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX035386.D
Acq: 28 Apr 2023 13:24

Instrument :
MSVOA_X
ClientSampleId :
S2S-TP4

Tgt Ion: 84 Resp: 2447

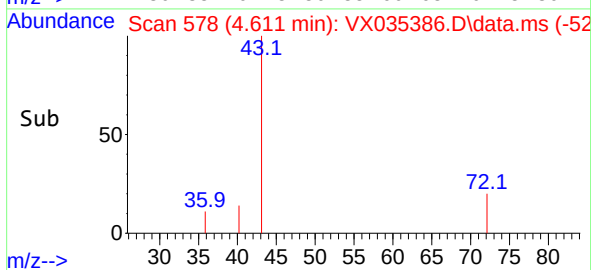
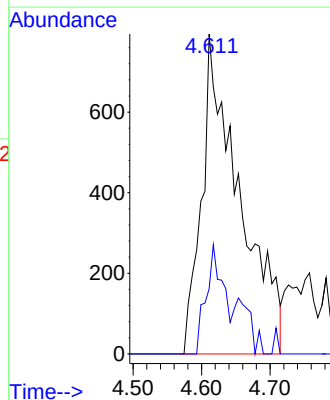
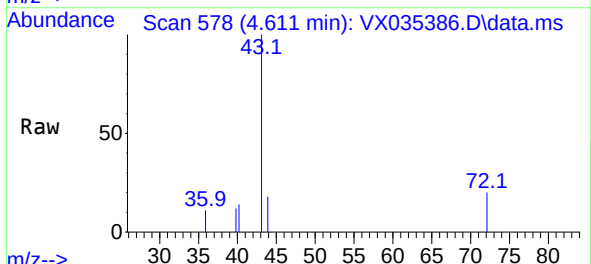
Ion	Ratio	Lower	Upper
84	100		
49	86.7	103.8	155.8#
51	27.4	31.8	47.8#
86	55.0	51.4	77.2

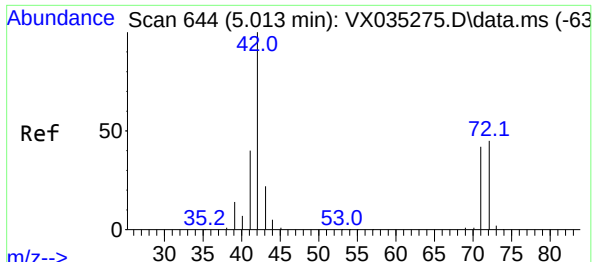


#25
2-Butanone
Concen: 1.669 ug/l
RT: 4.611 min Scan# 578
Delta R.T. 0.043 min
Lab File: VX035386.D
Acq: 28 Apr 2023 13:24

Tgt Ion: 43 Resp: 3027

Ion	Ratio	Lower	Upper
43	100		
72	20.4	19.3	28.9

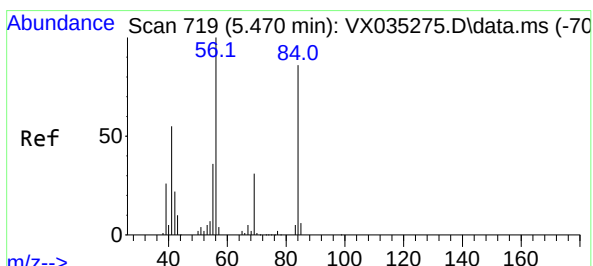
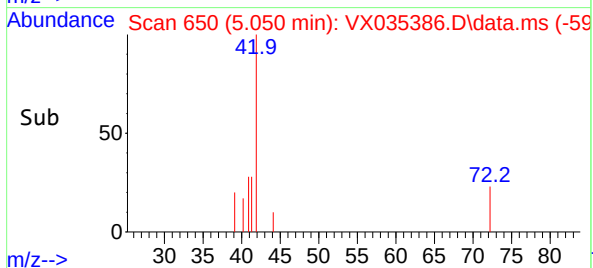
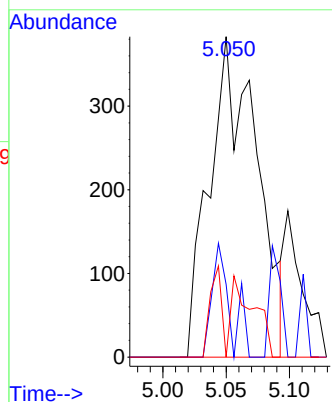
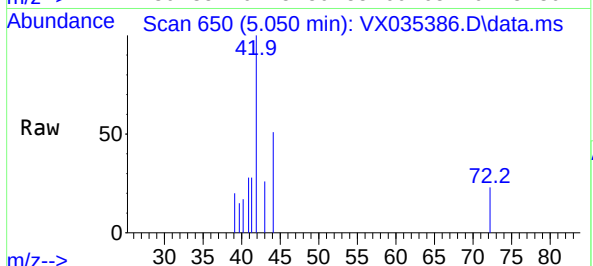




#29
Tetrahydrofuran
Concen: 0.860 ug/l
RT: 5.050 min Scan# 61
Delta R.T. 0.037 min
Lab File: VX035386.D
Acq: 28 Apr 2023 13:24

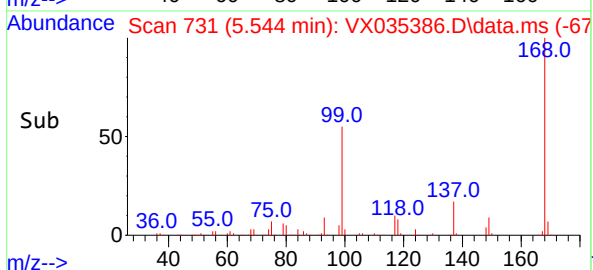
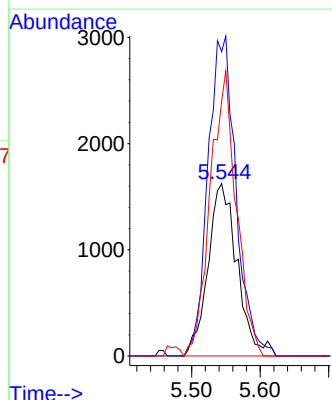
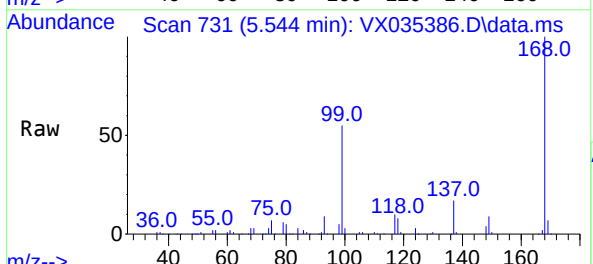
Instrument :
MSVOA_X
ClientSampleId :
S2S-TP4

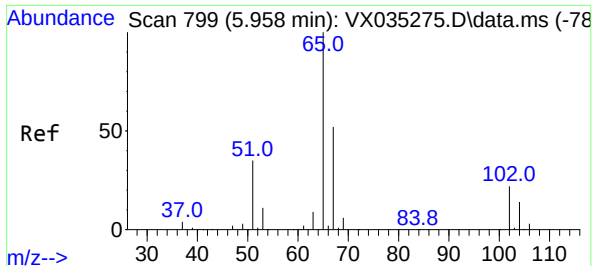
Tgt Ion: 42 Resp: 1000
Ion Ratio Lower Upper
42 100
72 0.0 34.5 51.7#
71 12.1 32.1 48.1#



#31
Cyclohexane
Concen: 1.182 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.074 min
Lab File: VX035386.D
Acq: 28 Apr 2023 13:24

Tgt Ion: 56 Resp: 4797
Ion Ratio Lower Upper
56 100
69 176.7 23.7 35.5#
84 147.8 68.5 102.7#





#33

1,2-Dichloroethane-d4

Concen: 48.934 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX035386.D

Acq: 28 Apr 2023 13:24

Instrument :

MSVOA_X

ClientSampleId :

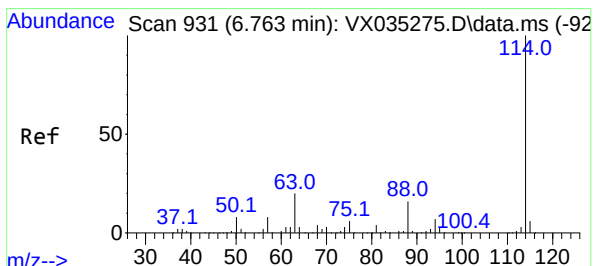
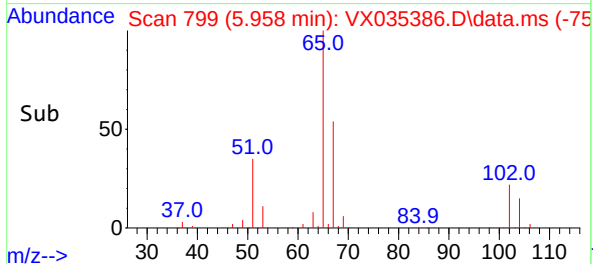
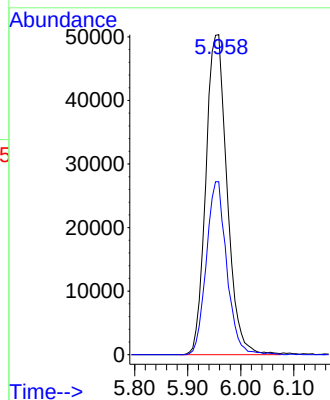
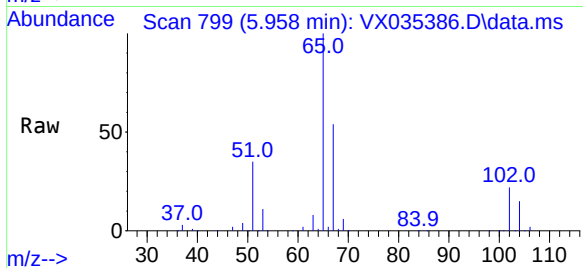
S2S-TP4

Tgt Ion: 65 Resp: 140014

Ion Ratio Lower Upper

65 100

67 51.8 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX035386.D

Acq: 28 Apr 2023 13:24

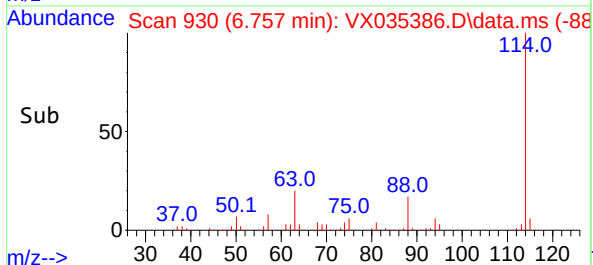
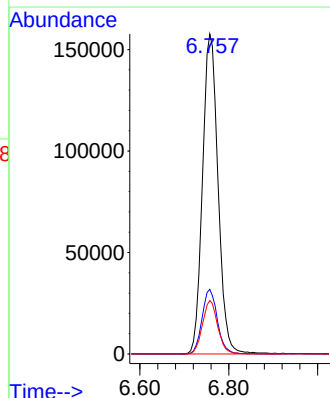
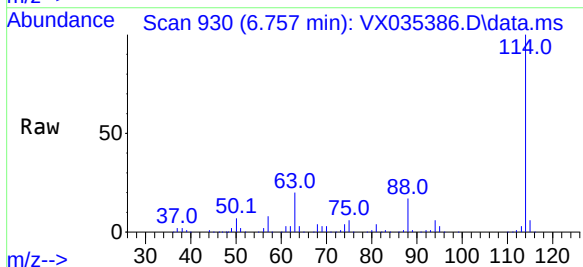
Tgt Ion: 114 Resp: 384539

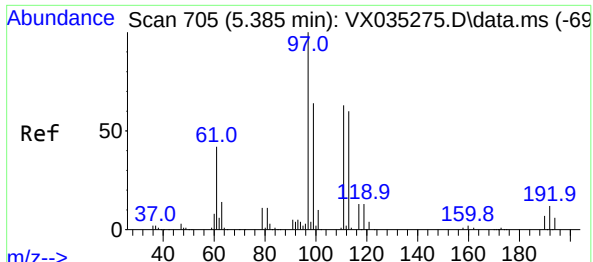
Ion Ratio Lower Upper

114 100

63 20.2 0.0 42.2

88 16.7 0.0 33.2

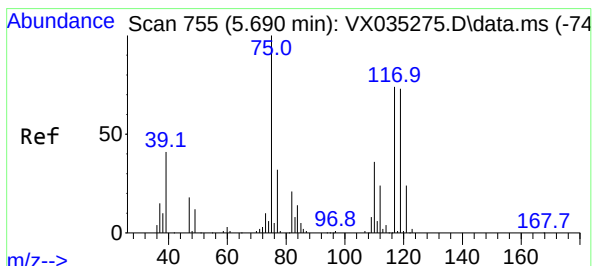
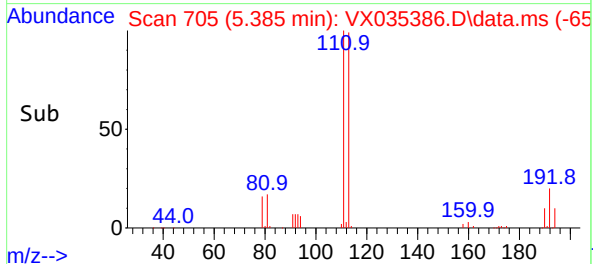
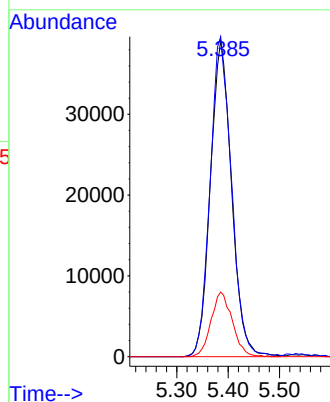
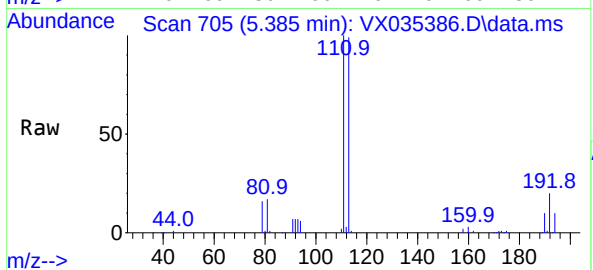




#35
Dibromofluoromethane
Concen: 47.336 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035386.D
Acq: 28 Apr 2023 13:24

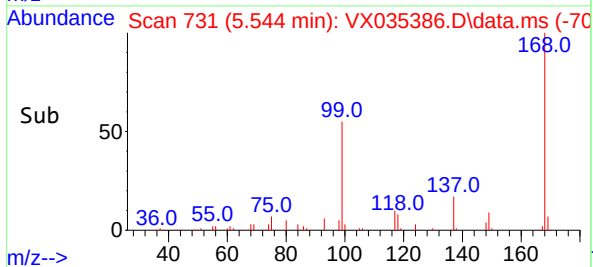
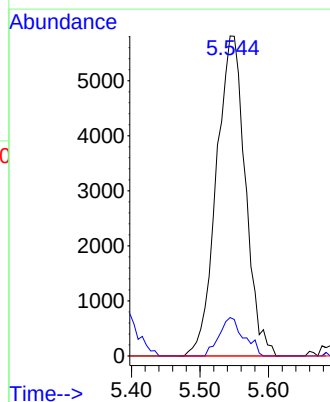
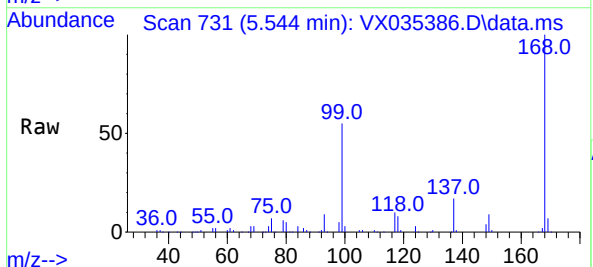
Instrument :
MSVOA_X
ClientSampleId :
S2S-TP4

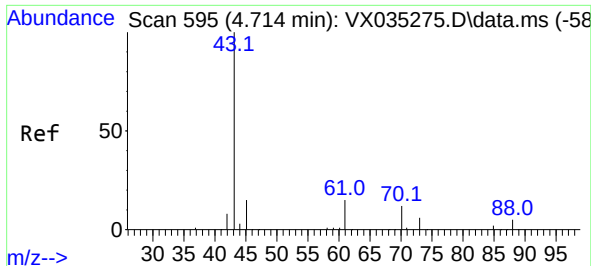
Tgt Ion:113 Resp: 111723
Ion Ratio Lower Upper
113 100
111 102.1 83.7 125.5
192 20.6 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.620 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX035386.D
Acq: 28 Apr 2023 13:24

Tgt Ion: 75 Resp: 17027
Ion Ratio Lower Upper
75 100
110 10.2 17.5 52.5#
77 0.0 24.3 36.5#





#37

Ethyl Acetate

Concen: 0.899 ug/l

RT: 4.611 min Scan# 51

Delta R.T. -0.103 min

Lab File: VX035386.D

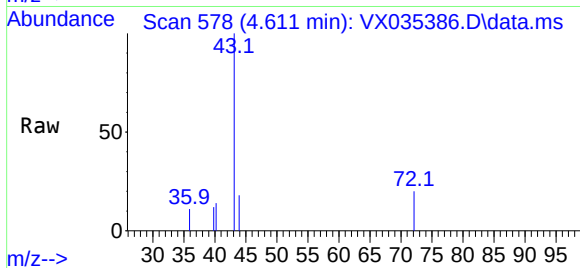
Acq: 28 Apr 2023 13:24

Instrument :

MSVOA_X

ClientSampleId :

S2S-TP4



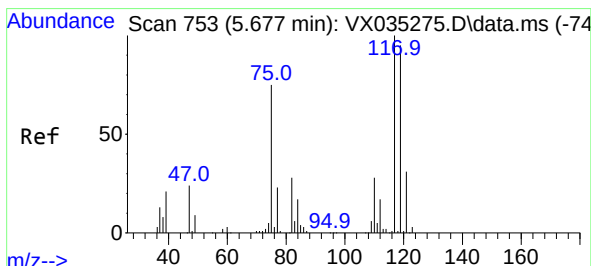
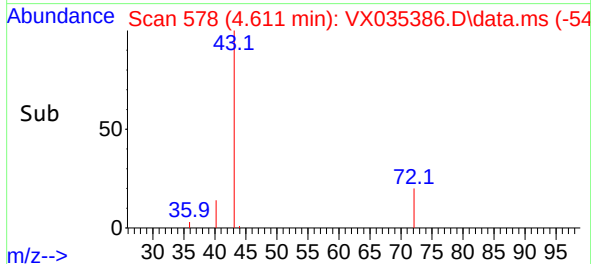
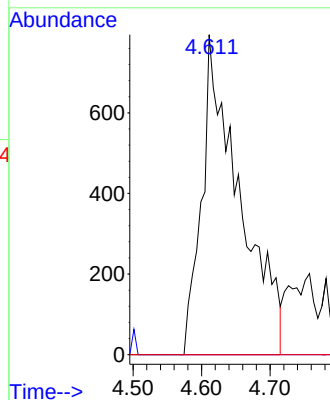
Tgt Ion: 43 Resp: 3027

Ion Ratio Lower Upper

43 100

61 0.0 10.2 15.4#

70 0.0 8.2 12.4#



#38

Carbon Tetrachloride

Concen: 6.737 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.133 min

Lab File: VX035386.D

Acq: 28 Apr 2023 13:24

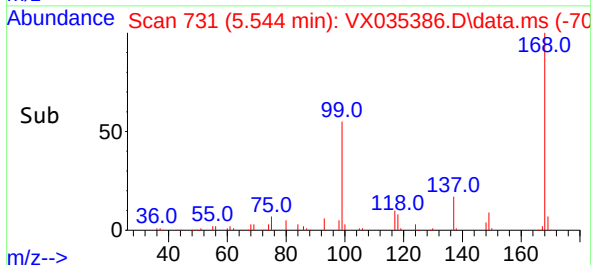
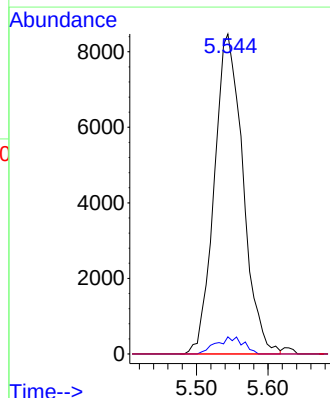
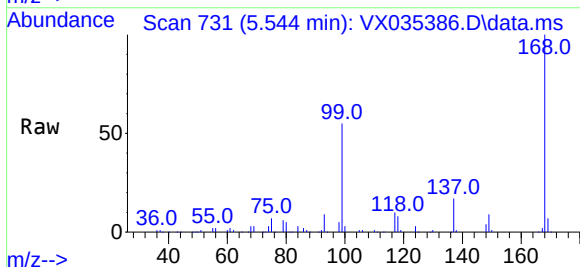
Tgt Ion: 117 Resp: 23571

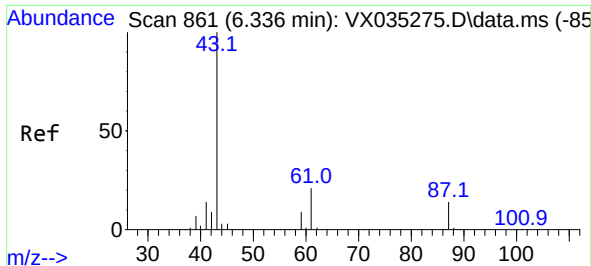
Ion Ratio Lower Upper

117 100

119 5.3 76.6 114.8#

121 0.0 23.8 35.6#





#43

Isopropyl Acetate

Concen: 0.213 ug/l

RT: 6.373 min Scan# 8

Delta R.T. 0.037 min

Lab File: VX035386.D

Acq: 28 Apr 2023 13:24

Instrument :

MSVOA_X

ClientSampleId :

S2S-TP4

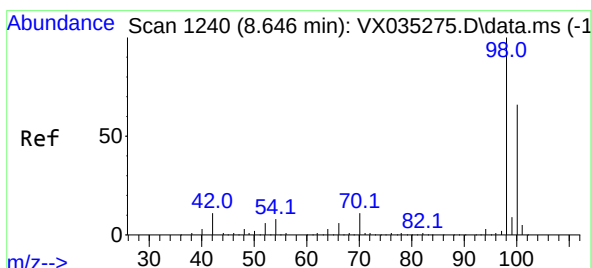
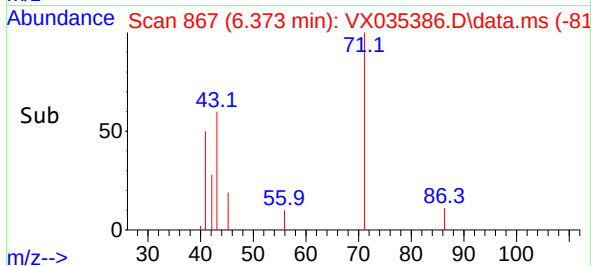
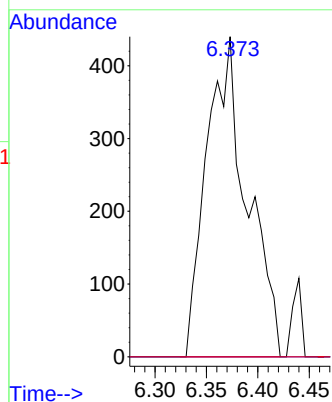
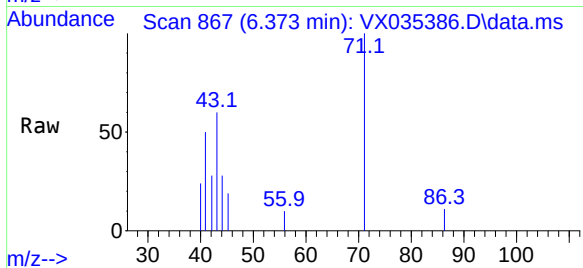
Tgt Ion: 43 Resp: 1207

Ion Ratio Lower Upper

43 100

61 0.0 15.2 22.8#

87 0.0 9.8 14.8#



#50

Toluene-d8

Concen: 50.451 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.001 min

Lab File: VX035386.D

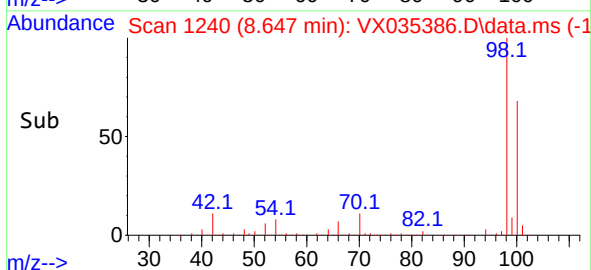
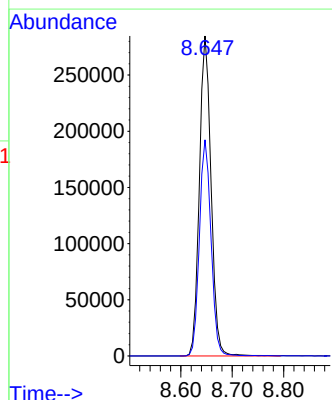
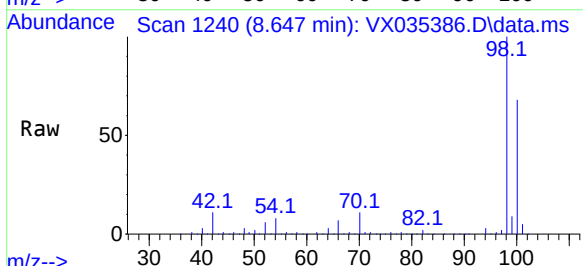
Acq: 28 Apr 2023 13:24

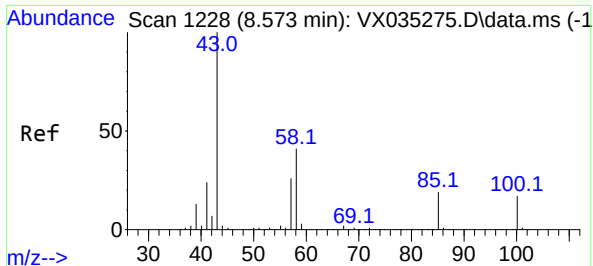
Tgt Ion: 98 Resp: 449188

Ion Ratio Lower Upper

98 100

100 67.3 52.5 78.7

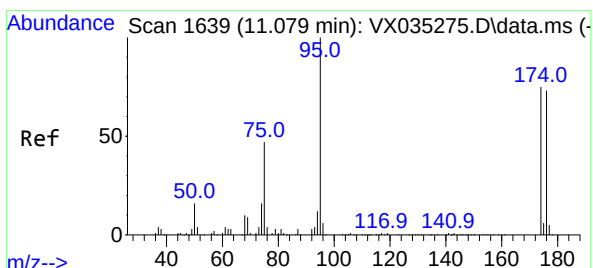
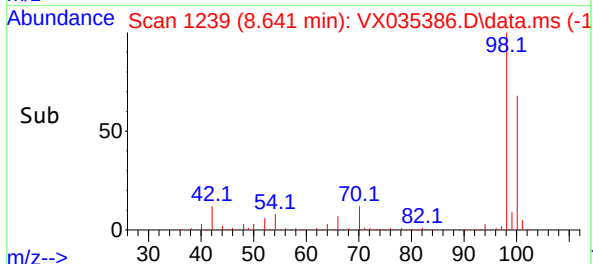
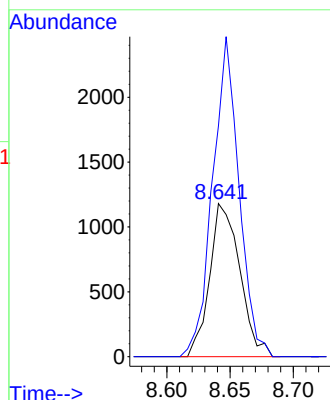
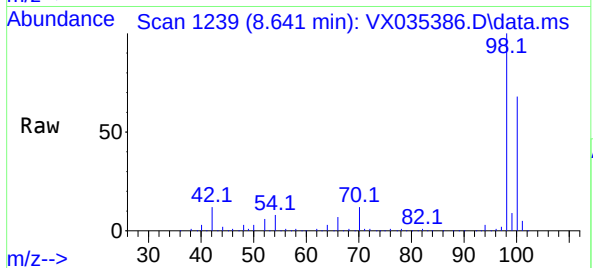




#51
4-Methyl-2-Pentanone
Concen: 0.563 ug/l
RT: 8.641 min Scan# 11
Delta R.T. 0.068 min
Lab File: VX035386.D
Acq: 28 Apr 2023 13:24

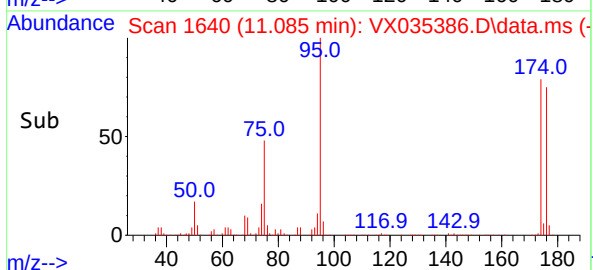
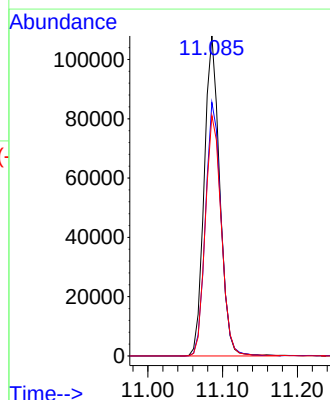
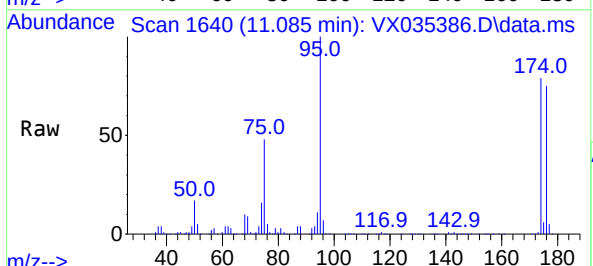
Instrument :
MSVOA_X
ClientSampleId :
S2S-TP4

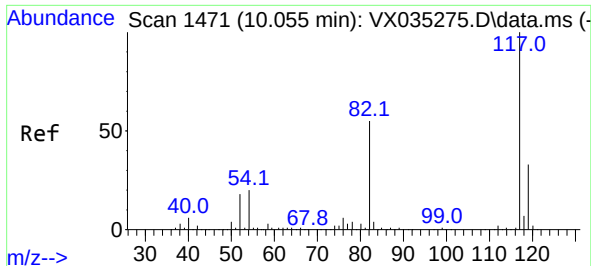
Tgt Ion: 43 Resp: 1958
Ion Ratio Lower Upper
43 100
58 183.0 30.6 46.0#



#62
4-Bromofluorobenzene
Concen: 46.495 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX035386.D
Acq: 28 Apr 2023 13:24

Tgt Ion: 95 Resp: 155726
Ion Ratio Lower Upper
95 100
174 79.8 0.0 147.4
176 77.3 0.0 140.6

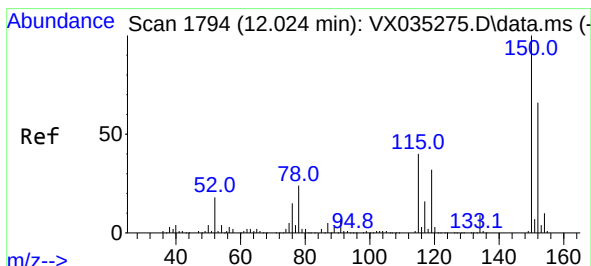
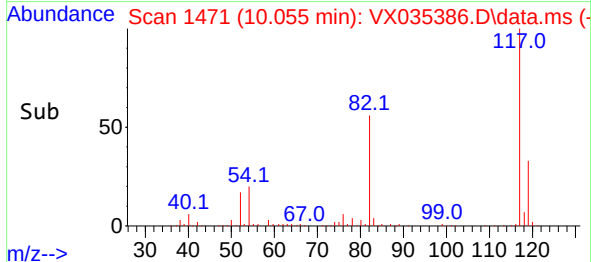
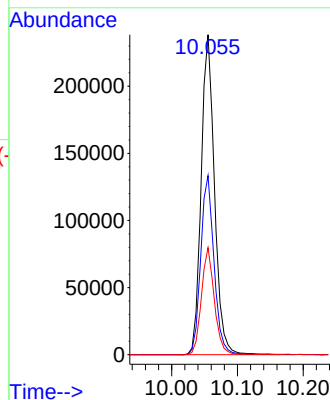
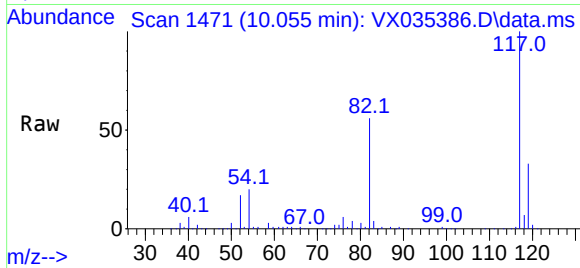




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035386.D
Acq: 28 Apr 2023 13:24

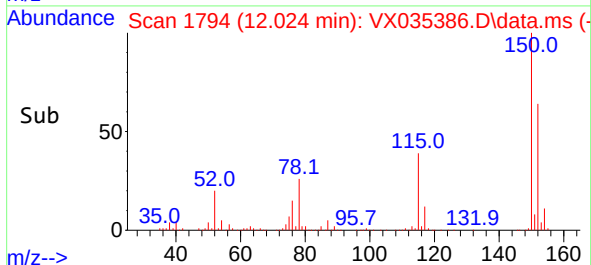
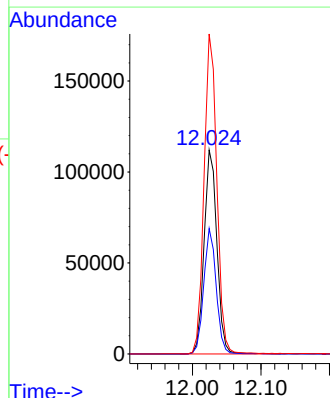
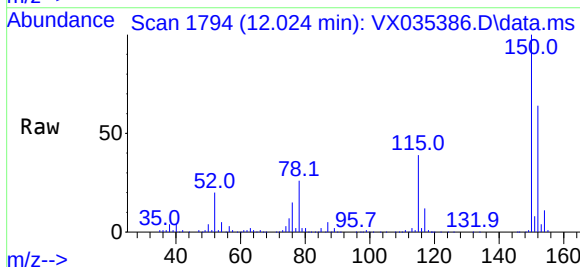
Instrument :
MSVOA_X
ClientSampleId :
S2S-TP4

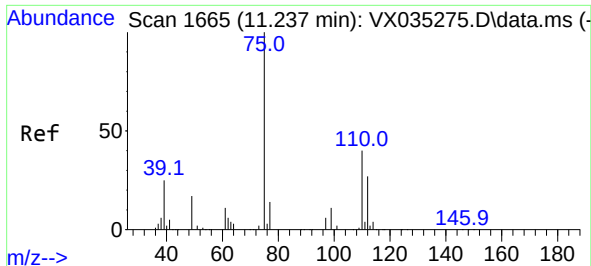
Tgt Ion:117 Resp: 336516
Ion Ratio Lower Upper
117 100
82 55.9 45.0 67.4
119 33.4 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035386.D
Acq: 28 Apr 2023 13:24

Tgt Ion:152 Resp: 145797
Ion Ratio Lower Upper
152 100
115 59.8 45.0 135.0
150 156.9 0.0 352.4

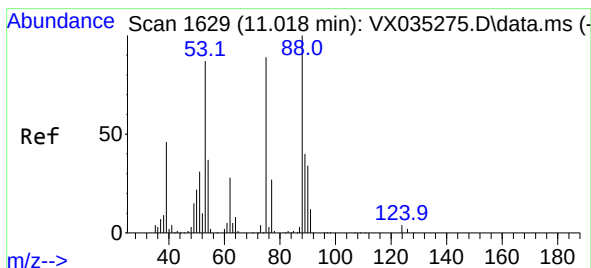
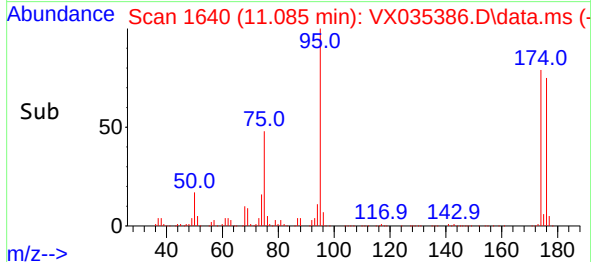
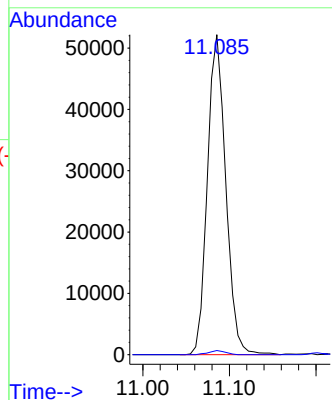
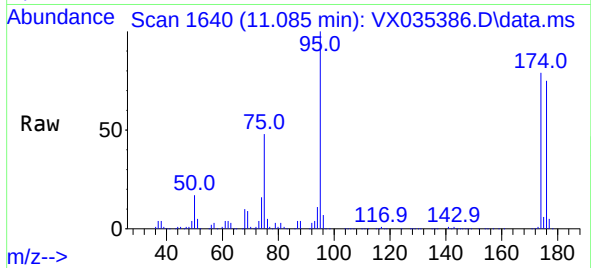




#76
1,2,3-Trichloropropane
Concen: 26.427 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.152 min
Lab File: VX035386.D
Acq: 28 Apr 2023 13:24

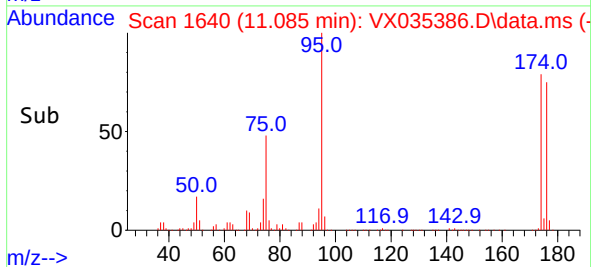
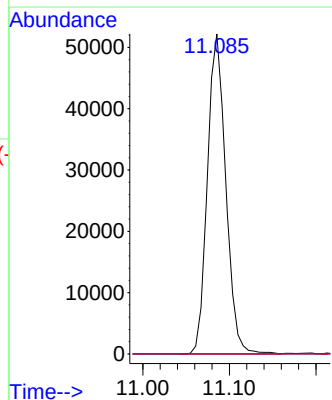
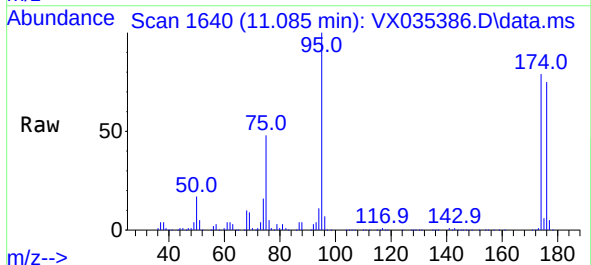
Instrument :
MSVOA_X
ClientSampleId :
S2S-TP4

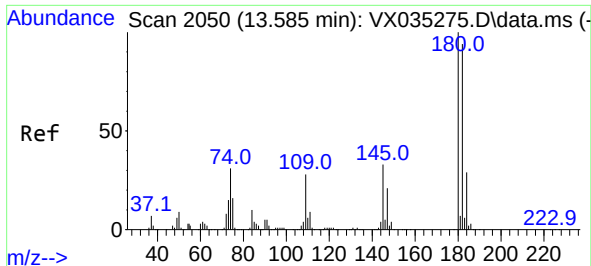
Tgt Ion: 75 Resp: 76859
Ion Ratio Lower Upper
75 100
77 1.2 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 85.593 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX035386.D
Acq: 28 Apr 2023 13:24

Tgt Ion: 75 Resp: 76859
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#

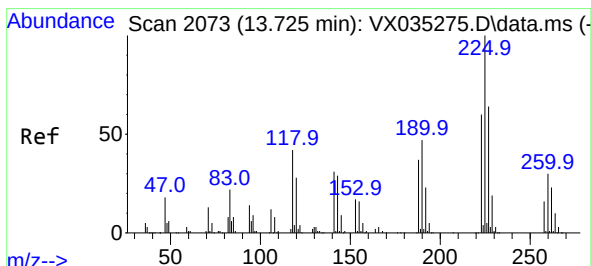
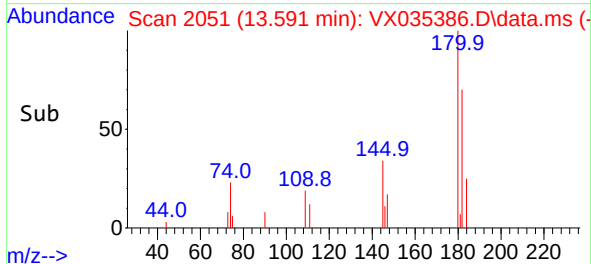
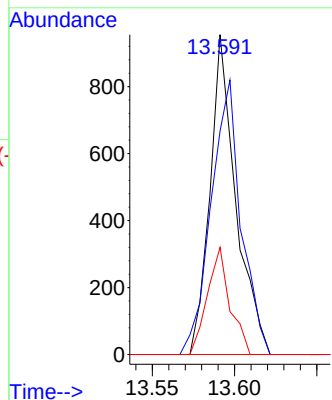
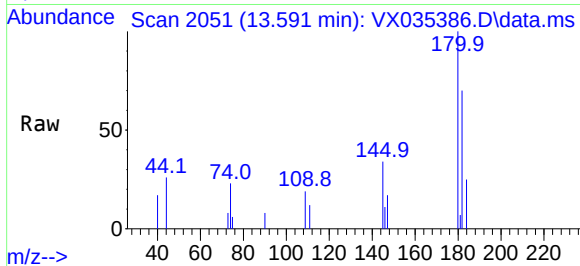




#93
1,2,4-Trichlorobenzene
Concen: 0.330 ug/l
RT: 13.591 min Scan# 2050
Delta R.T. 0.006 min
Lab File: VX035386.D
Acq: 28 Apr 2023 13:24

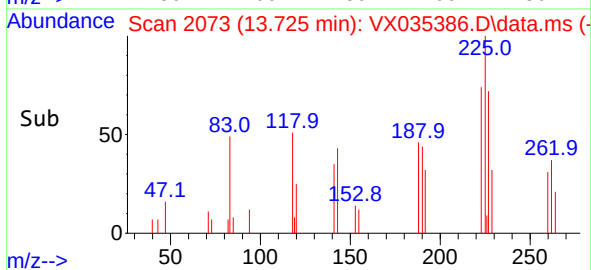
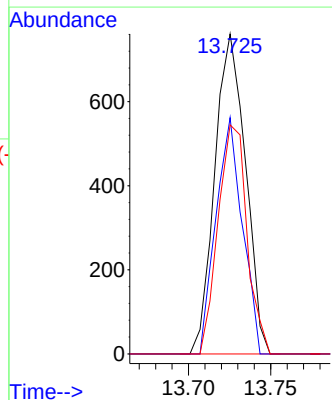
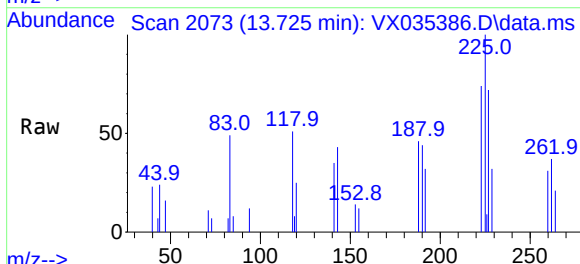
Instrument :
MSVOA_X
ClientSampleId :
S2S-TP4

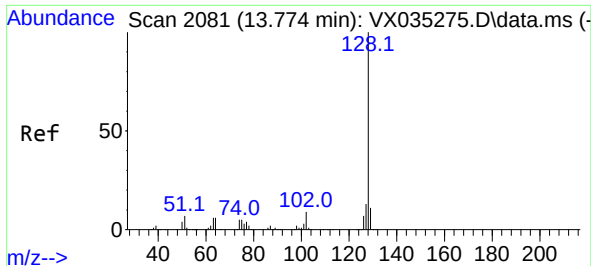
Tgt Ion:180 Resp: 1045
Ion Ratio Lower Upper
180 100
182 99.5 47.0 141.0
145 29.2 15.9 47.7



#94
Hexachlorobutadiene
Concen: 0.712 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX035386.D
Acq: 28 Apr 2023 13:24

Tgt Ion:225 Resp: 989
Ion Ratio Lower Upper
225 100
223 63.1 32.1 96.5
227 67.2 31.8 95.4

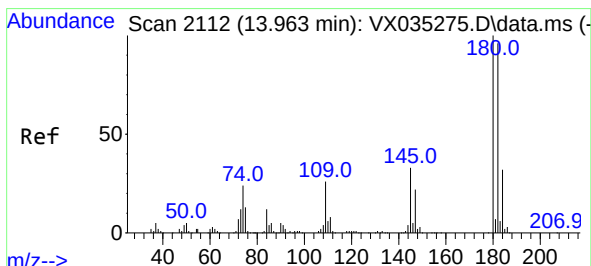
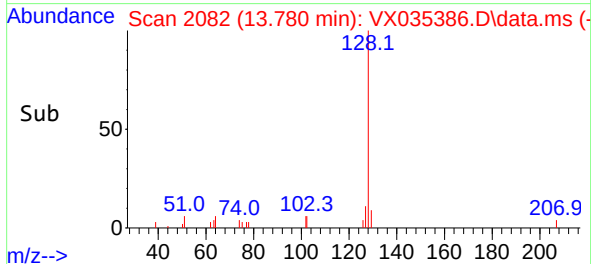
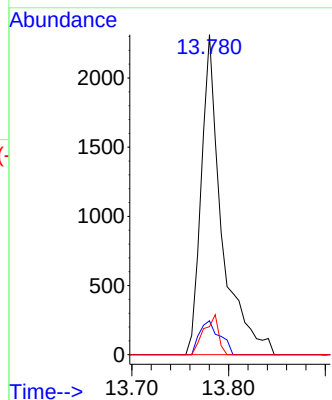
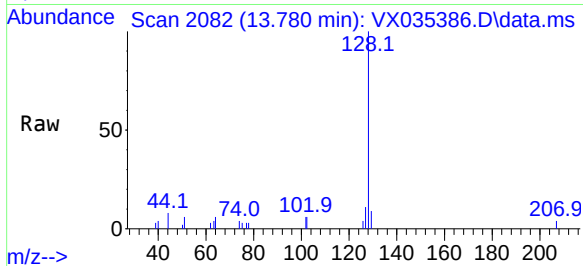




#95
Naphthalene
Concen: 0.350 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX035386.D
Acq: 28 Apr 2023 13:24

Instrument :
MSVOA_X
ClientSampleId :
S2S-TP4

Tgt Ion:	128	Resp:	3406
Ion Ratio	Lower	Upper	
128	100		
127	10.5	10.2	15.4
129	8.9	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 0.363 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX035386.D
Acq: 28 Apr 2023 13:24

Tgt Ion:	180	Resp:	1156
Ion Ratio	Lower	Upper	
180	100		
182	82.3	48.0	144.2
145	31.3	17.7	53.1

