

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012423\
 Data File : VX033876.D
 Acq On : 24 Jan 2023 18:39
 Operator : JC/MD
 Sample : 01260-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-25

Quant Time: Jan 25 03:21:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 11 14:48:42 2023
 Response via : Initial Calibration

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

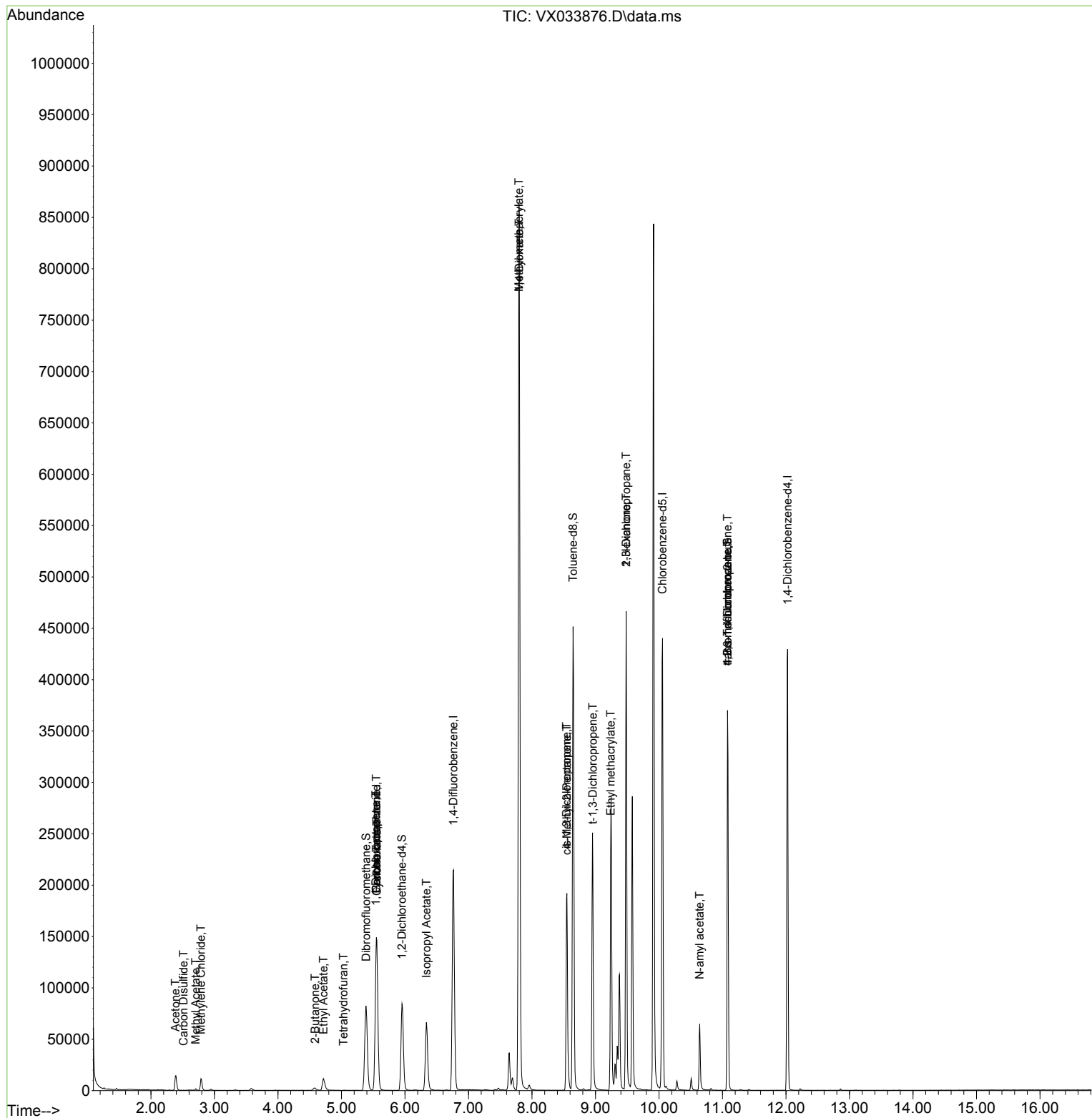
Internal Standards						
1) Pentafluorobenzene	5.550	168	163732	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	239626	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	214944	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	104974	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	79263	45.978	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.960%
35) Dibromofluoromethane	5.385	113	73421	49.344	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.680%
50) Toluene-d8	8.647	98	276305	50.966	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.940%
62) 4-Bromofluorobenzene	11.079	95	95385	47.388	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.780%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	19552	19.800	ug/l	96
17) Carbon Disulfide	2.514	76	112	1.854	ug/l #	76
18) Methyl Acetate	2.703	43	1757	0.730	ug/l	92
20) Methylene Chloride	2.788	84	5690	1.359	ug/l	93
25) 2-Butanone	4.587	43	2671	2.371	ug/l	92
29) Tetrahydrofuran	5.032	42	187	0.263	ug/l #	34
31) Cyclohexane	5.556	56	2506	0.988	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	9428	4.342	ug/l #	48
37) Ethyl Acetate	4.715	43	20489	7.456	ug/l	97
38) Carbon Tetrachloride	5.550	117	13712	6.097	ug/l #	16
43) Isopropyl Acetate	6.336	43	90481	26.393	ug/l	98
48) Methyl methacrylate	7.793	41	73874	42.777	ug/l #	44
49) 1,4-Dioxane	7.799	88	88	2.304	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	68298	32.439	ug/l #	50
53) t-1,3-Dichloropropene	8.958	75	562	0.263	ug/l #	43
54) cis-1,3-Dichloropropene	8.543	75	32706	13.674	ug/l #	62
56) Ethyl methacrylate	9.238	69	558	0.245	ug/l #	1
57) 1,3-Dichloropropane	9.482	76	3683	1.404	ug/l #	43
59) 2-Hexanone	9.482	43	54080	36.904	ug/l #	51
73) Isopropylbenzene	11.085	105	127	Below Cal	#	48
74) N-amyl acetate	10.640	43	17844	6.473	ug/l #	52
76) 1,2,3-Trichloropropane	11.079	75	43941	22.782	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	43941	70.805	ug/l #	8

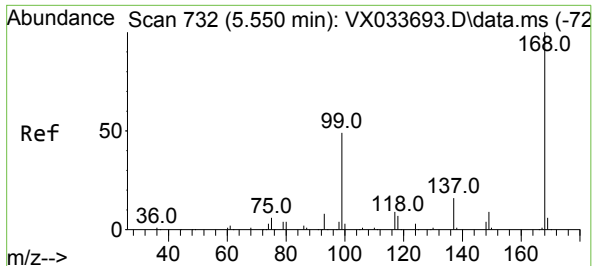
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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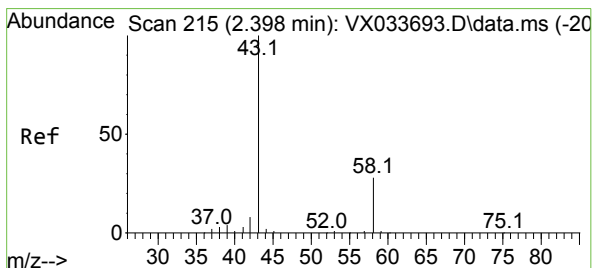
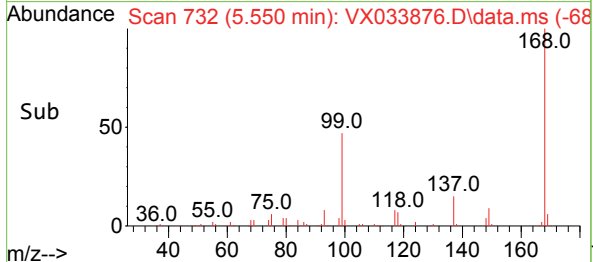
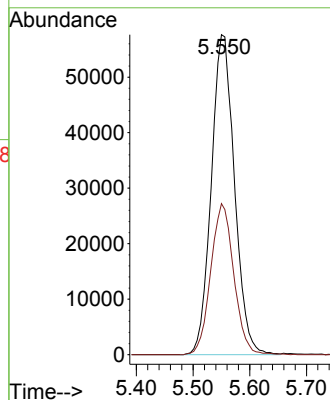
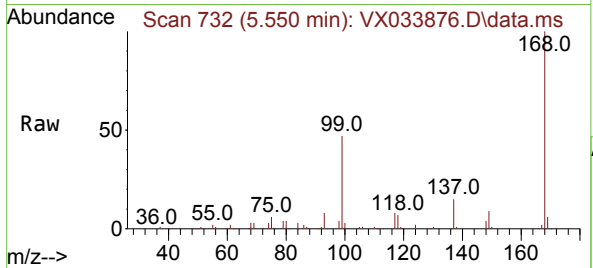




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033876.D
Acq: 24 Jan 2023 18:39

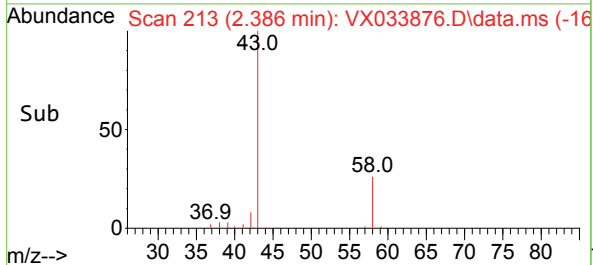
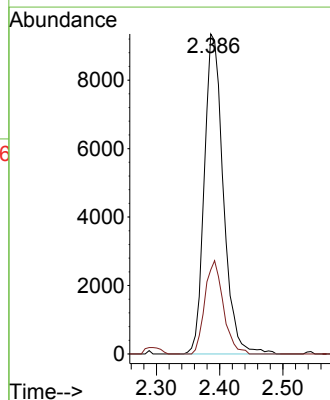
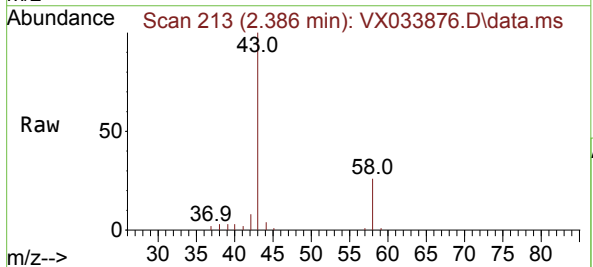
Instrument :
MSVOA_X
ClientSampleId :
TP-25

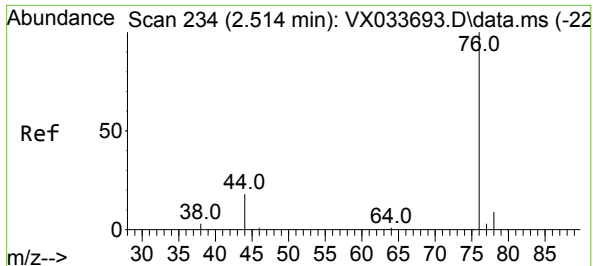
Tgt Ion:168 Resp: 163732
Ion Ratio Lower Upper
168 100
99 47.2 39.6 59.4



#16
Acetone
Concen: 19.800 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.012 min
Lab File: VX033876.D
Acq: 24 Jan 2023 18:39

Tgt Ion: 43 Resp: 19552
Ion Ratio Lower Upper
43 100
58 26.3 22.6 33.8





#17

Carbon Disulfide

Concen: 1.854 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX033876.D

Acq: 24 Jan 2023 18:39

Instrument :

MSVOA_X

ClientSampleId :

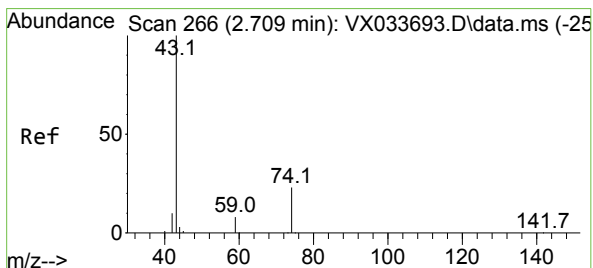
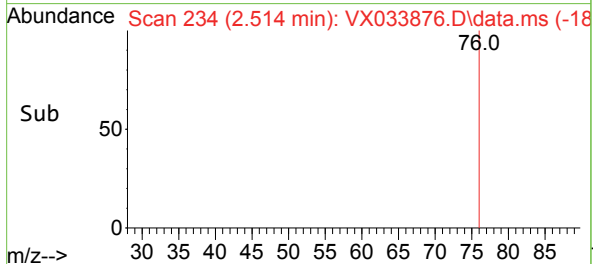
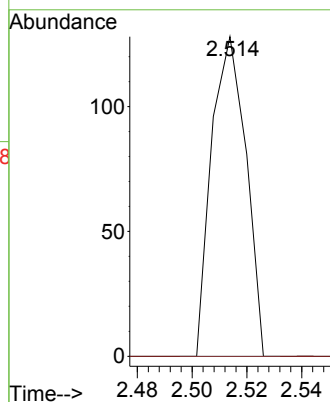
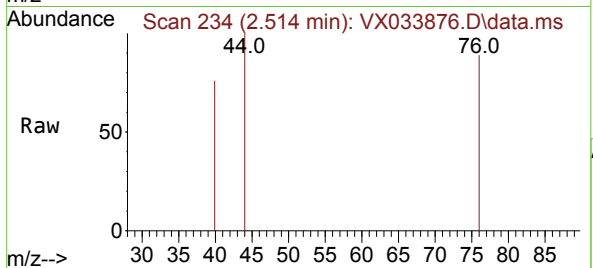
TP-25

Tgt Ion: 76 Resp: 112

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.6#



#18

Methyl Acetate

Concen: 0.730 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.006 min

Lab File: VX033876.D

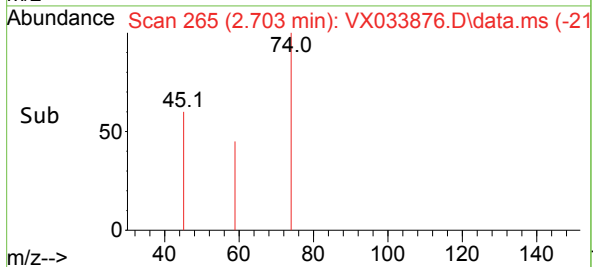
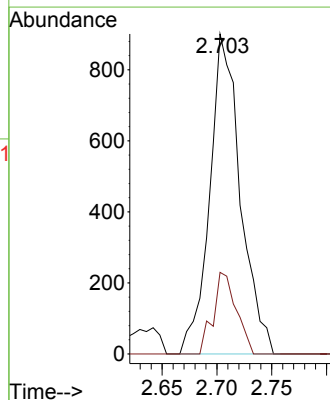
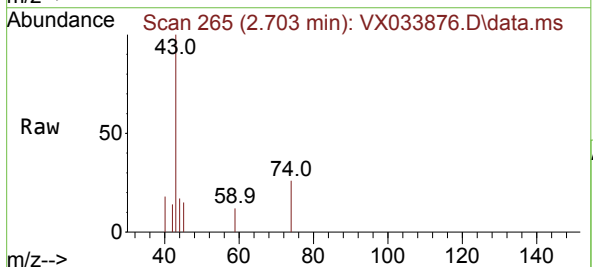
Acq: 24 Jan 2023 18:39

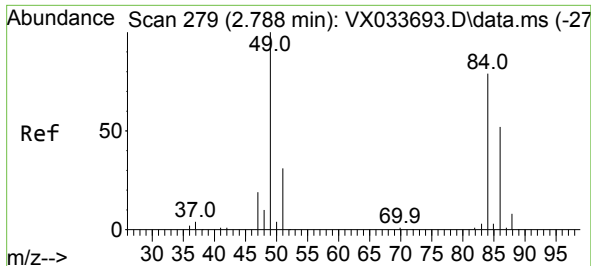
Tgt Ion: 43 Resp: 1757

Ion Ratio Lower Upper

43 100

74 19.1 18.2 27.4

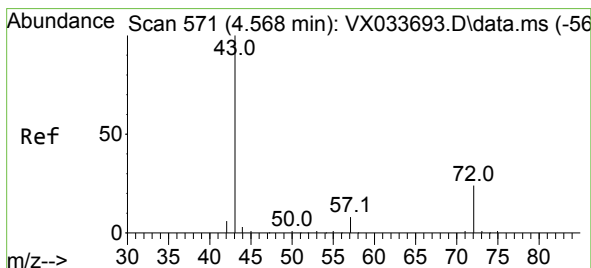
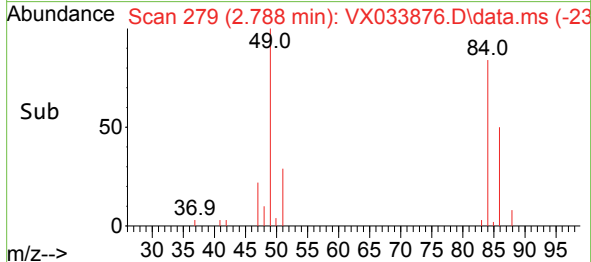
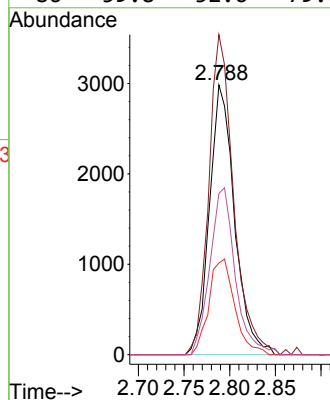
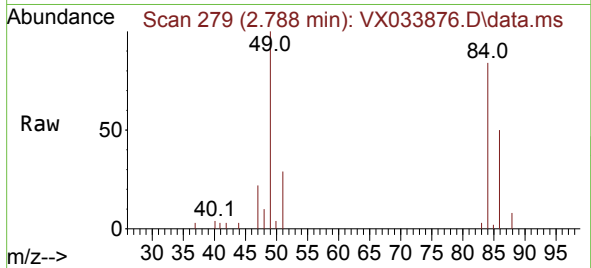




#20
Methylene Chloride
Concen: 1.359 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX033876.D
Acq: 24 Jan 2023 18:39

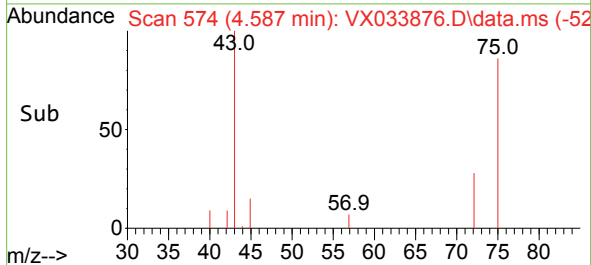
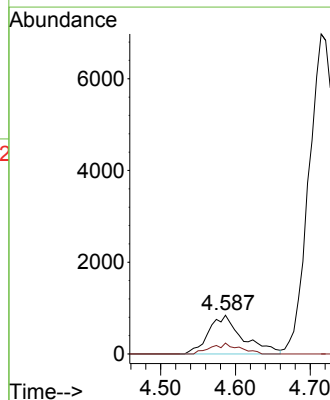
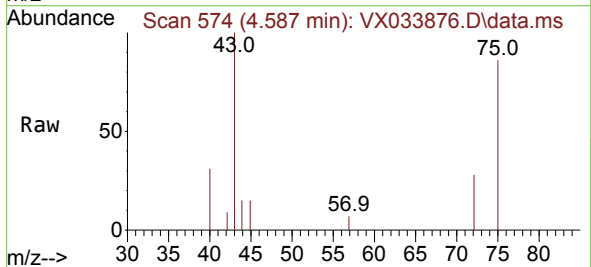
Instrument :
MSVOA_X
ClientSampleId :
TP-25

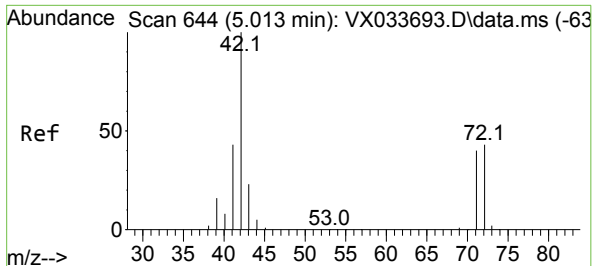
Tgt Ion:	84	Resp:	5690
Ion	Ratio	Lower	Upper
84	100		
49	118.6	101.1	151.7
51	34.0	31.0	46.6
86	59.8	52.6	79.0



#25
2-Butanone
Concen: 2.371 ug/l
RT: 4.587 min Scan# 574
Delta R.T. 0.018 min
Lab File: VX033876.D
Acq: 24 Jan 2023 18:39

Tgt Ion:	43	Resp:	2671
Ion	Ratio	Lower	Upper
43	100		
72	28.2	19.4	29.2





#29

Tetrahydrofuran

Concen: 0.263 ug/l

RT: 5.032 min Scan# 644

Delta R.T. 0.018 min

Lab File: VX033876.D

Acq: 24 Jan 2023 18:39

Instrument :

MSVOA_X

ClientSampleId :

TP-25

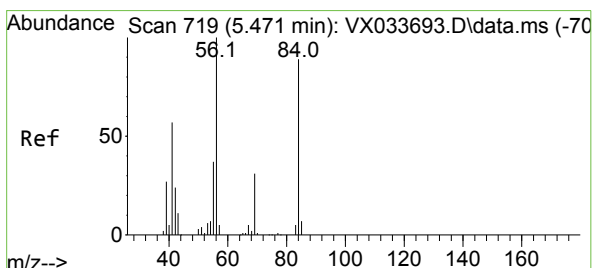
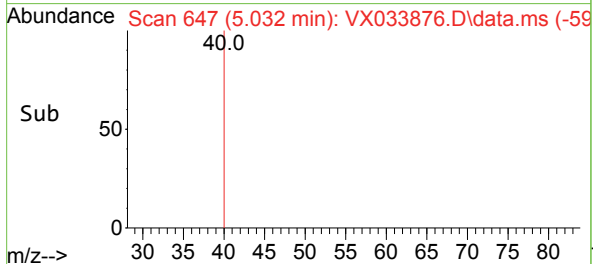
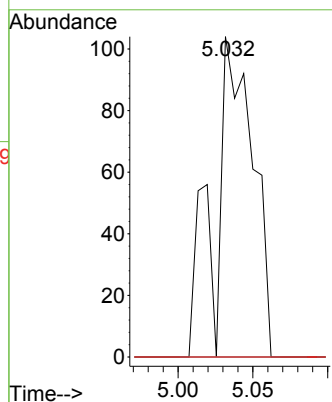
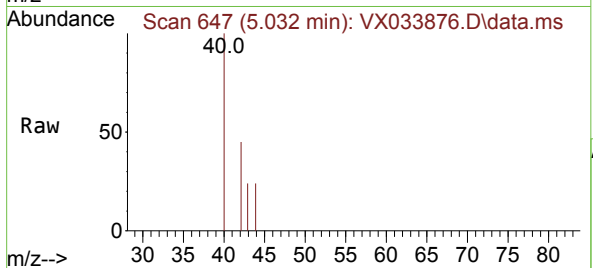
Tgt Ion: 42 Resp: 187

Ion Ratio Lower Upper

42 100

72 0.0 34.8 52.2#

71 0.0 32.2 48.2#



#31

Cyclohexane

Concen: 0.988 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.085 min

Lab File: VX033876.D

Acq: 24 Jan 2023 18:39

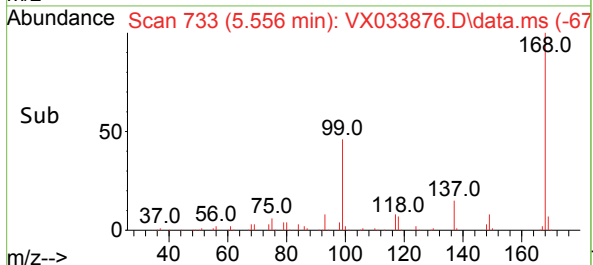
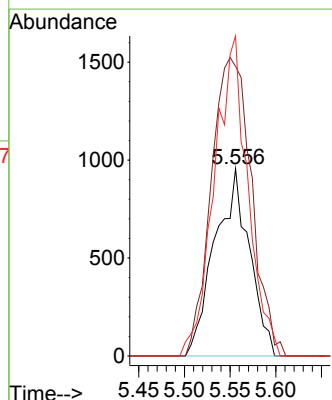
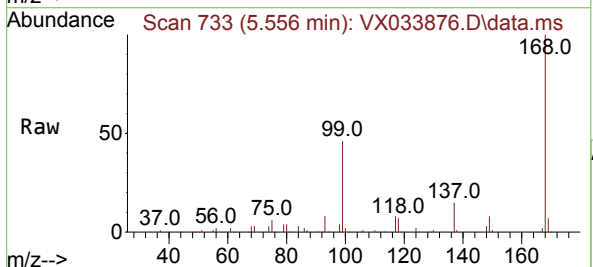
Tgt Ion: 56 Resp: 2506

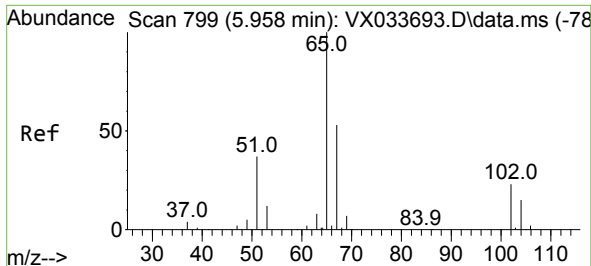
Ion Ratio Lower Upper

56 100

69 154.5 24.6 37.0#

84 170.7 71.0 106.6#

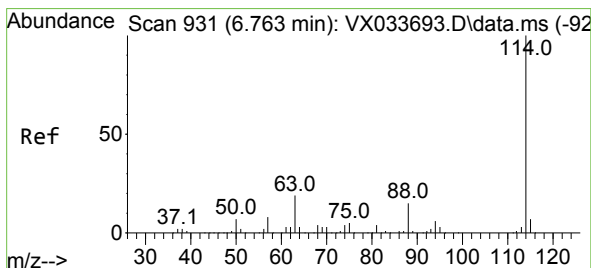
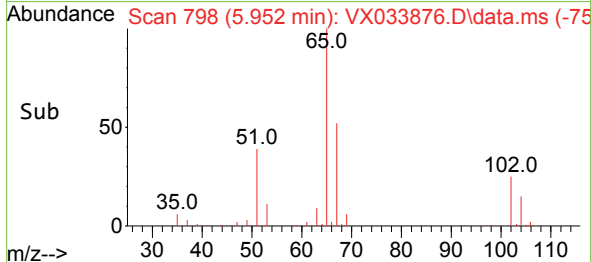
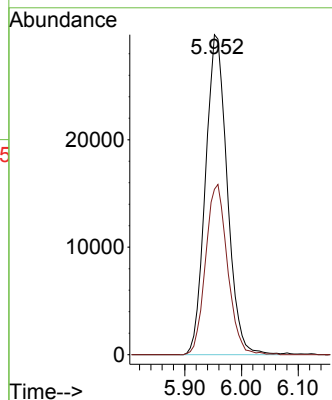
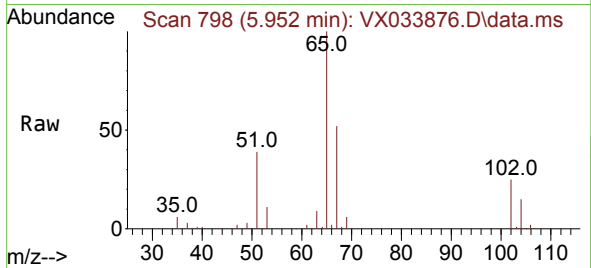




#33
1,2-Dichloroethane-d4
Concen: 45.978 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX033876.D
Acq: 24 Jan 2023 18:39

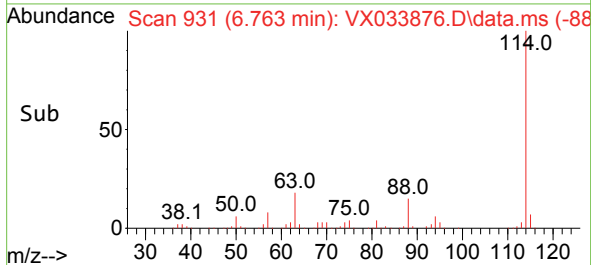
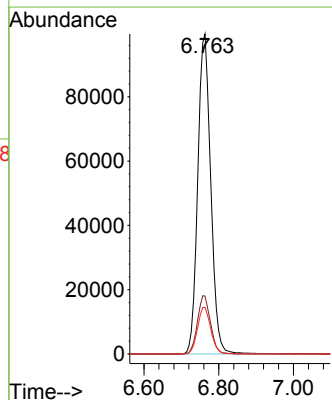
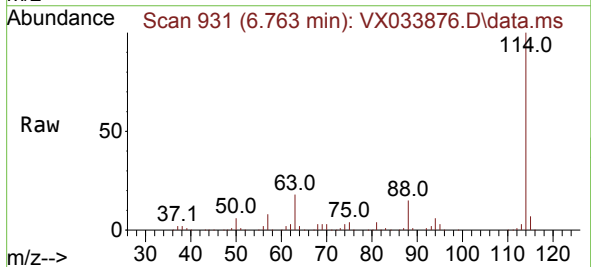
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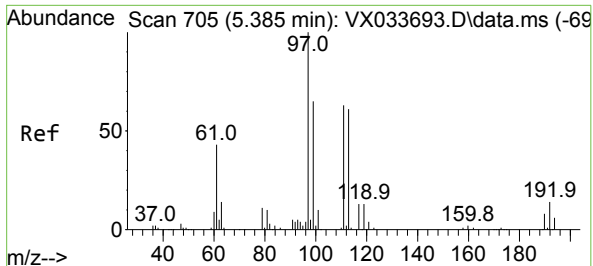
Tgt Ion: 65 Resp: 79263
Ion Ratio Lower Upper
65 100
67 53.7 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX033876.D
Acq: 24 Jan 2023 18:39

Tgt Ion:114 Resp: 239626
Ion Ratio Lower Upper
114 100
63 18.1 0.0 37.4
88 14.6 0.0 30.6

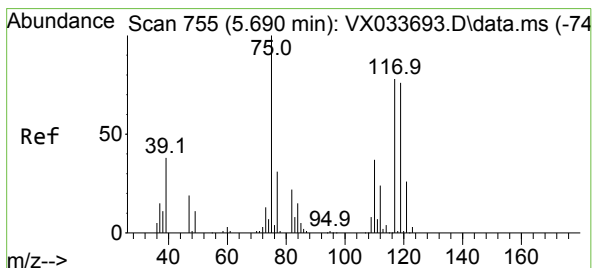
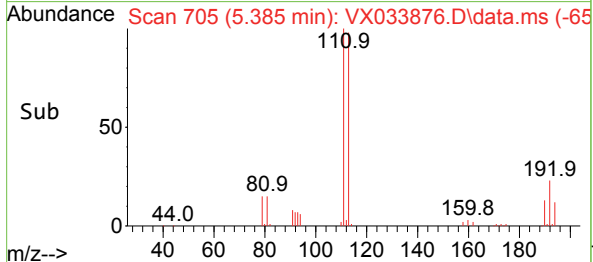
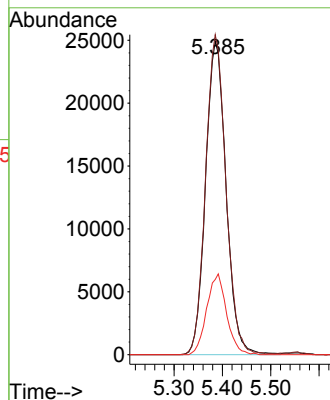
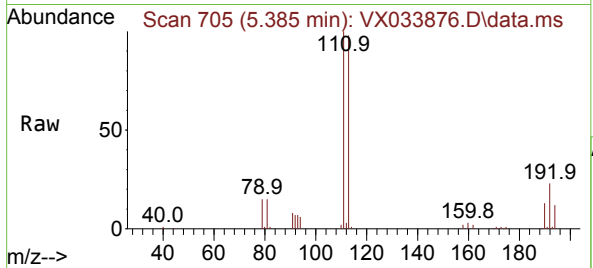




#35
Dibromofluoromethane
Concen: 49.344 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX033876.D
Acq: 24 Jan 2023 18:39

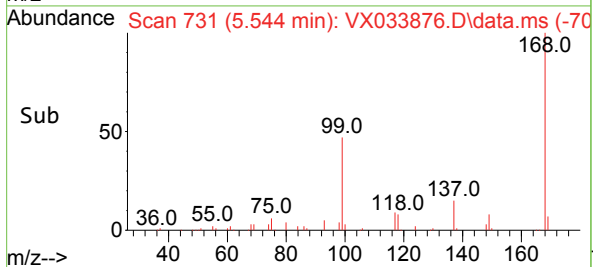
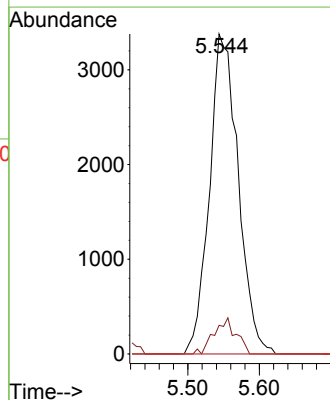
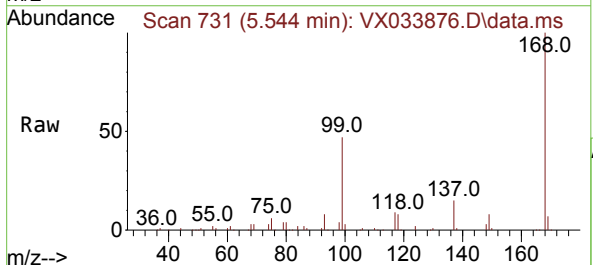
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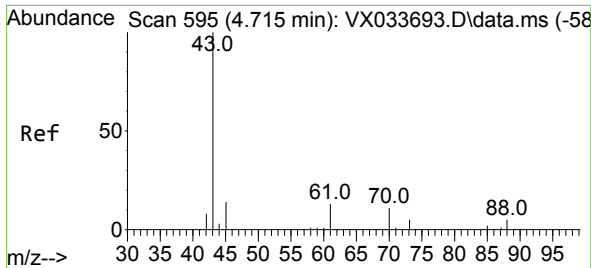
Tgt Ion:113 Resp: 73421
Ion Ratio Lower Upper
113 100
111 101.2 83.0 124.6
192 24.9 19.0 28.4



#36
1,1-Dichloropropene
Concen: 4.342 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX033876.D
Acq: 24 Jan 2023 18:39

Tgt Ion: 75 Resp: 9428
Ion Ratio Lower Upper
75 100
110 8.6 18.8 56.4#
77 0.0 25.1 37.7#

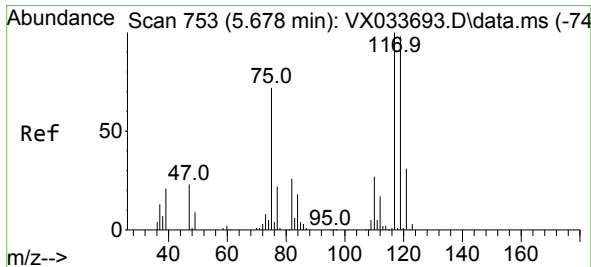
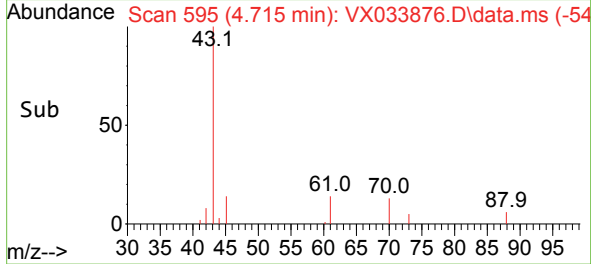
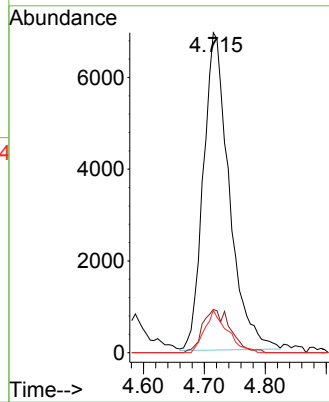
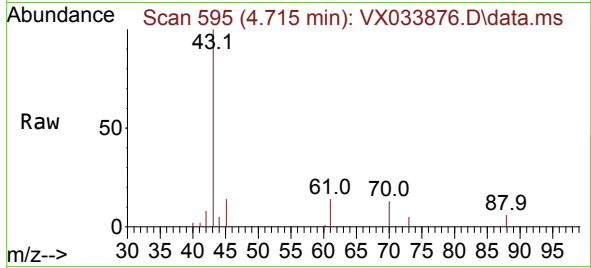




#37
Ethyl Acetate
Concen: 7.456 ug/l
RT: 4.715 min Scan# 595
Delta R.T. -0.000 min
Lab File: VX033876.D
Acq: 24 Jan 2023 18:39

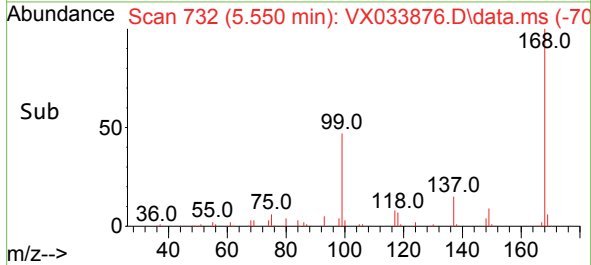
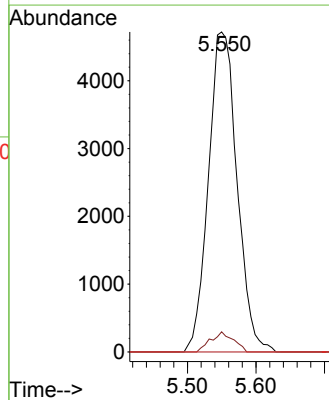
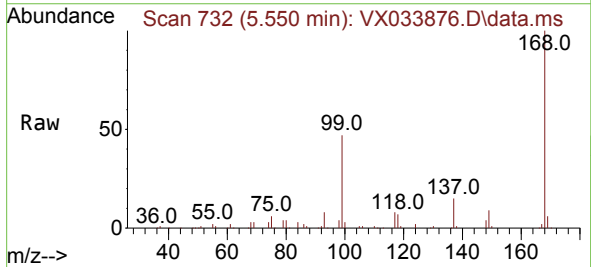
Instrument :
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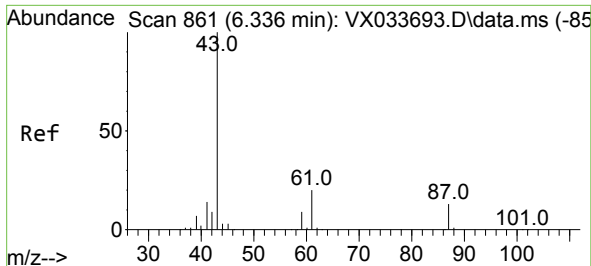
Tgt Ion:	43	Resp:	20489
Ion	Ratio	Lower	Upper
43	100		
61	14.8	11.1	16.7
70	11.7	8.5	12.7



#38
Carbon Tetrachloride
Concen: 6.097 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX033876.D
Acq: 24 Jan 2023 18:39

Tgt Ion:	117	Resp:	13712
Ion	Ratio	Lower	Upper
117	100		
119	6.3	78.0	117.0#
121	0.0	24.4	36.6#

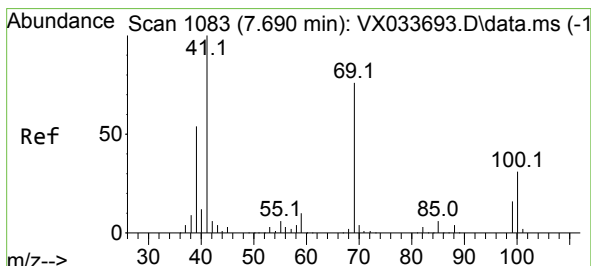
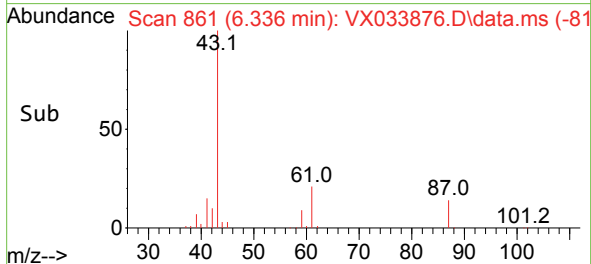
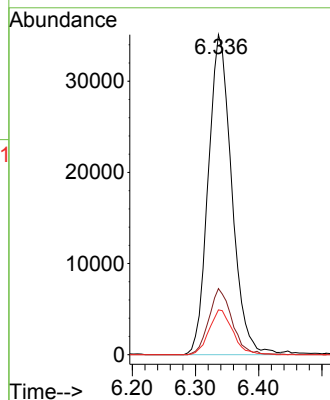
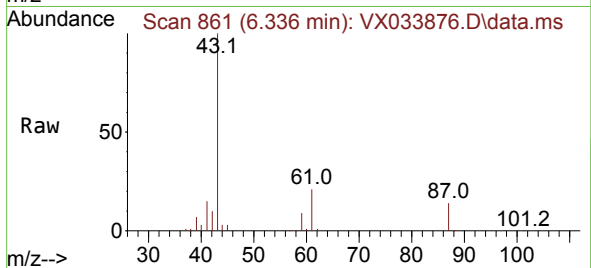




#43
Isopropyl Acetate
Concen: 26.393 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.000 min
Lab File: VX033876.D
Acq: 24 Jan 2023 18:39

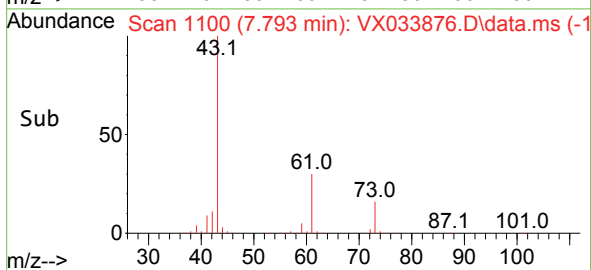
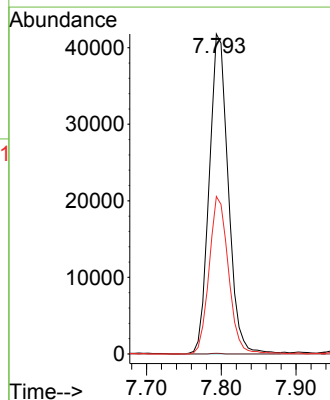
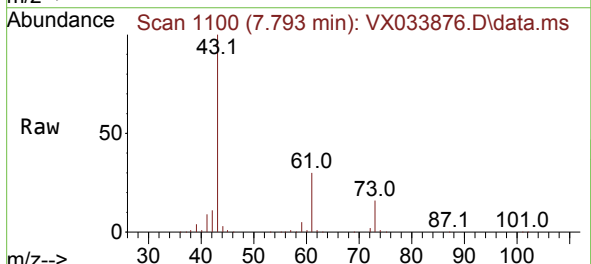
Instrument :
MSVOA_X
ClientSampleId :
TP-25

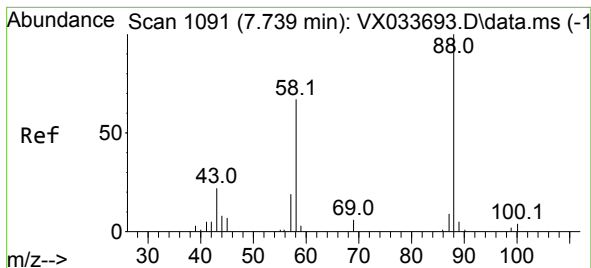
Tgt Ion: 43 Resp: 90481
Ion Ratio Lower Upper
43 100
61 20.4 15.7 23.5
87 14.0 10.6 15.8



#48
Methyl methacrylate
Concen: 42.777 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.104 min
Lab File: VX033876.D
Acq: 24 Jan 2023 18:39

Tgt Ion: 41 Resp: 73874
Ion Ratio Lower Upper
41 100
69 0.1 63.1 94.7#
39 50.1 43.2 64.8





#49

1,4-Dioxane

Concen: 2.304 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.061 min

Lab File: VX033876.D

Acq: 24 Jan 2023 18:39

Instrument :

MSVOA_X

ClientSampleId :

TP-25

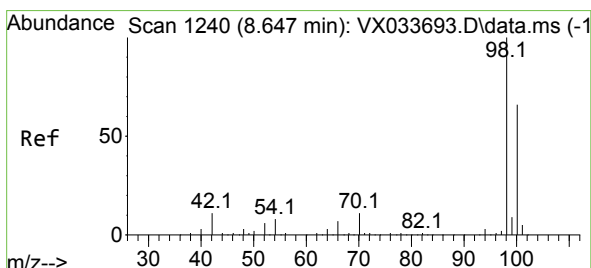
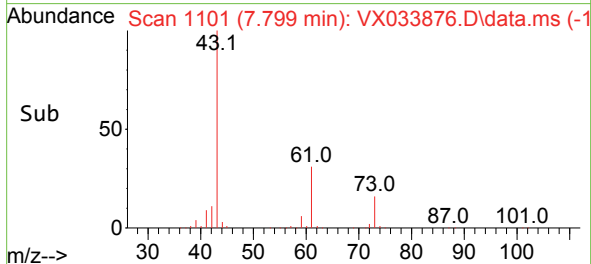
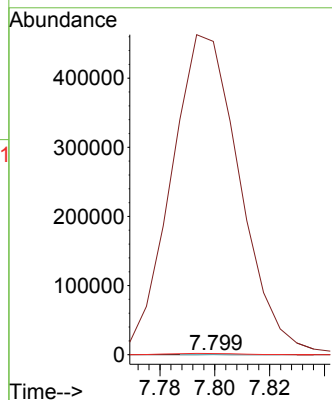
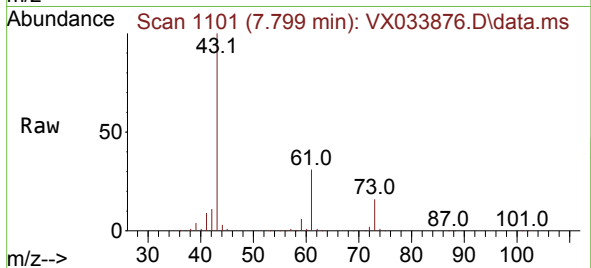
Tgt Ion: 88 Resp: 88

Ion Ratio Lower Upper

88 100

43 931721.6 0.0 0.0#

58 3905.7 56.5 84.7#



#50

Toluene-d8

Concen: 50.966 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX033876.D

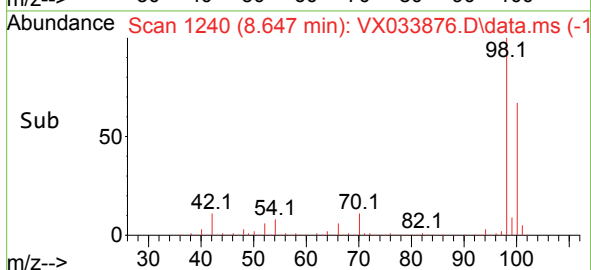
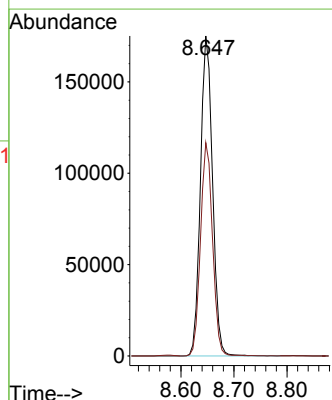
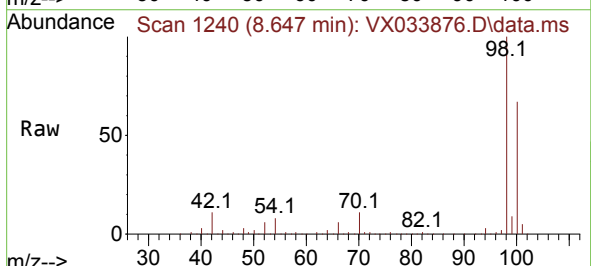
Acq: 24 Jan 2023 18:39

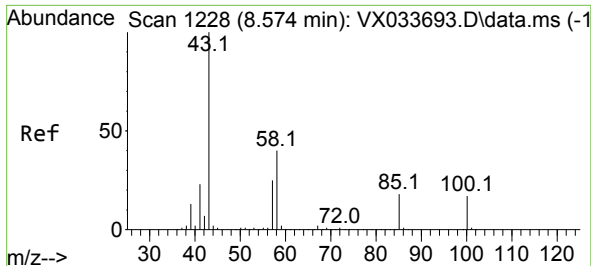
Tgt Ion: 98 Resp: 276305

Ion Ratio Lower Upper

98 100

100 66.5 53.6 80.4

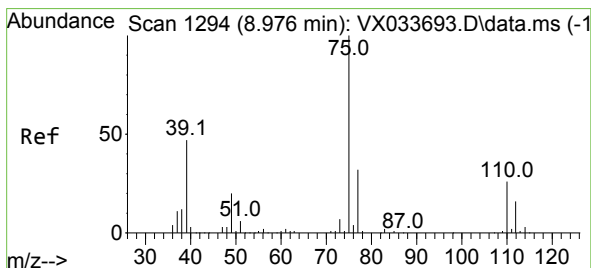
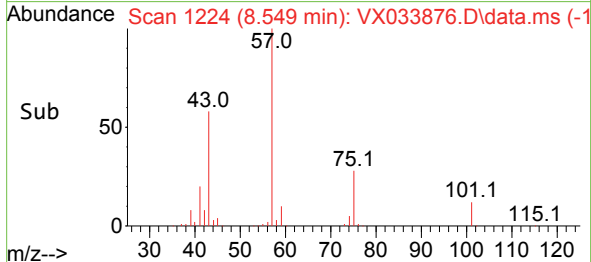
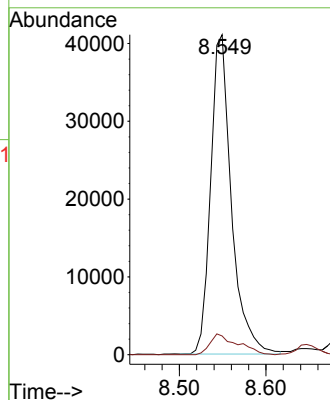
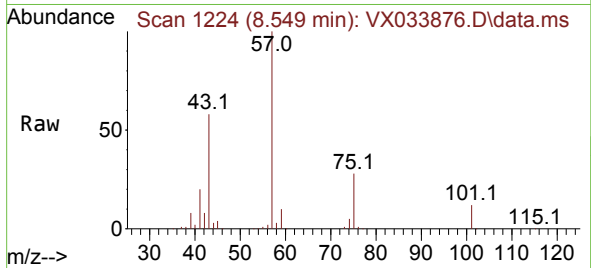




#51
4-Methyl-2-Pentanone
Concen: 32.439 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX033876.D
Acq: 24 Jan 2023 18:39

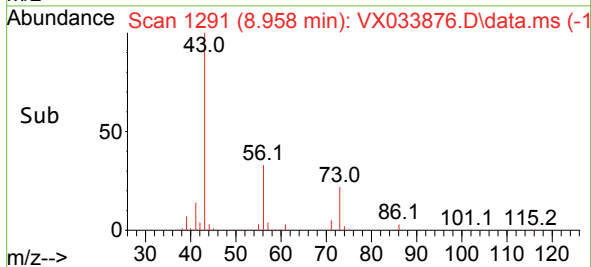
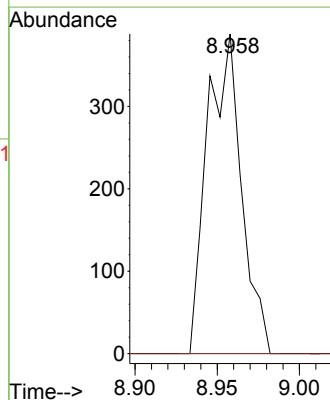
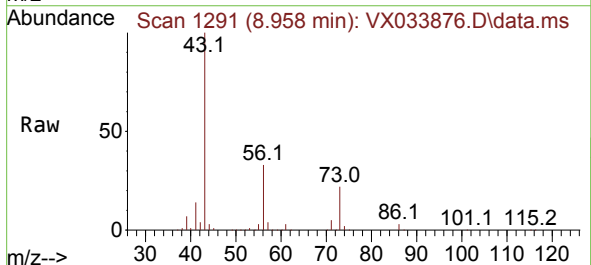
Instrument :
MSVOA_X
ClientSampleId :
TP-25

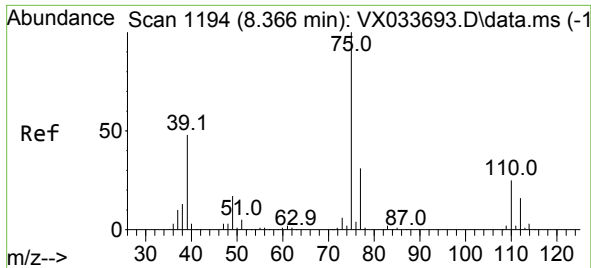
Tgt Ion: 43 Resp: 68298
Ion Ratio Lower Upper
43 100
58 8.6 31.2 46.8#



#53
t-1,3-Dichloropropene
Concen: 0.263 ug/l
RT: 8.958 min Scan# 1291
Delta R.T. -0.018 min
Lab File: VX033876.D
Acq: 24 Jan 2023 18:39

Tgt Ion: 75 Resp: 562
Ion Ratio Lower Upper
75 100
77 0.0 25.5 38.3#

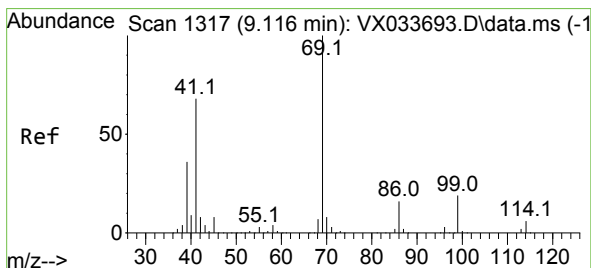
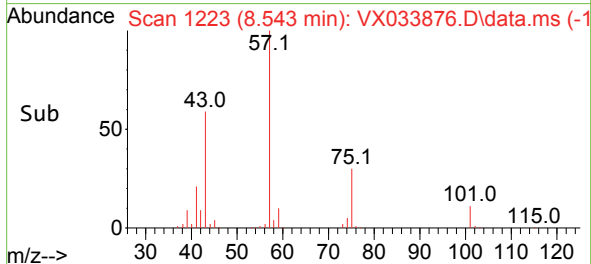
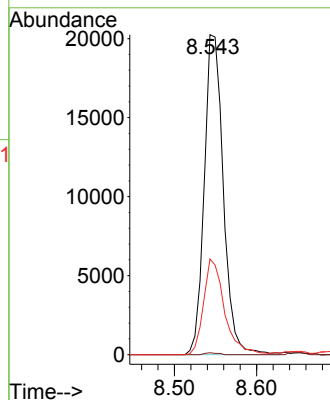
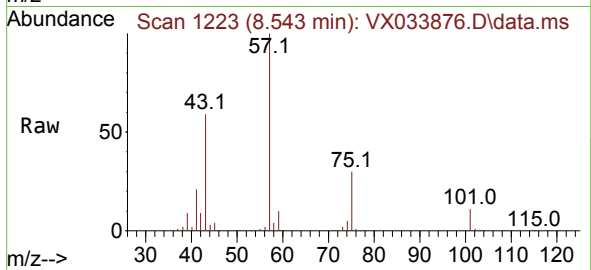




#54
cis-1,3-Dichloropropene
Concen: 13.674 ug/l
RT: 8.543 min Scan# 1194
Delta R.T. 0.177 min
Lab File: VX033876.D
Acq: 24 Jan 2023 18:39

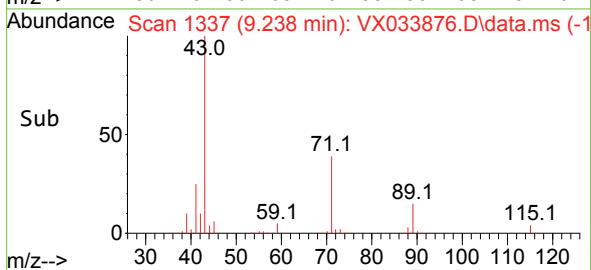
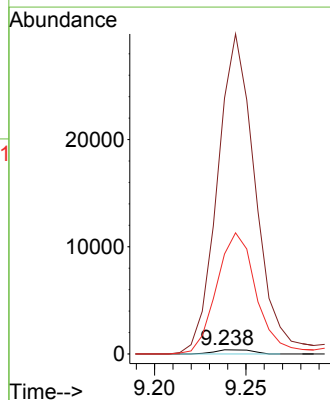
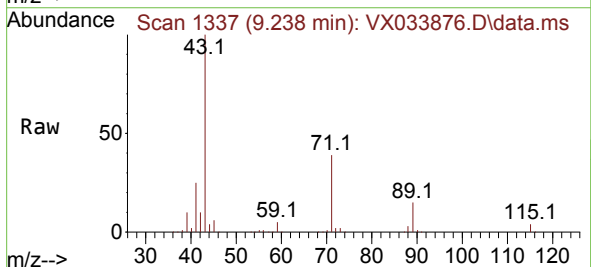
Instrument :
MSVOA_X
ClientSampleId :
TP-25

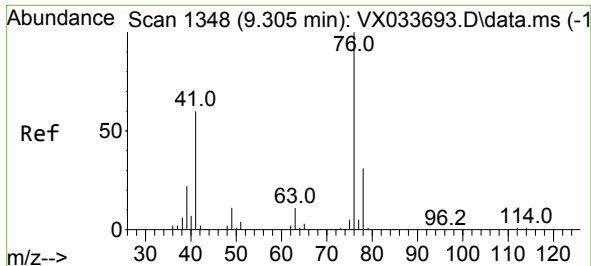
Tgt Ion: 75 Resp: 32706
Ion Ratio Lower Upper
75 100
77 0.6 25.0 37.6#
39 29.9 38.6 58.0#



#56
Ethyl methacrylate
Concen: 0.245 ug/l
RT: 9.238 min Scan# 1337
Delta R.T. 0.122 min
Lab File: VX033876.D
Acq: 24 Jan 2023 18:39

Tgt Ion: 69 Resp: 558
Ion Ratio Lower Upper
69 100
41 7758.1 55.1 82.7#
39 3094.4 28.5 42.7#





#57

1,3-Dichloropropane

Concen: 1.404 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.177 min

Lab File: VX033876.D

Acq: 24 Jan 2023 18:39

Instrument :

MSVOA_X

ClientSampleId :

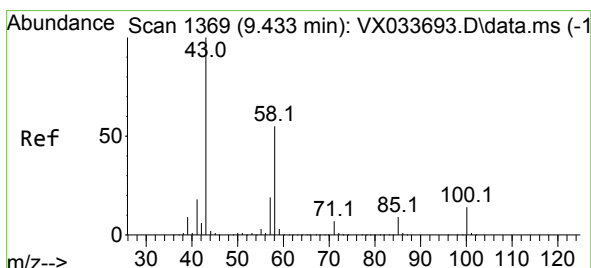
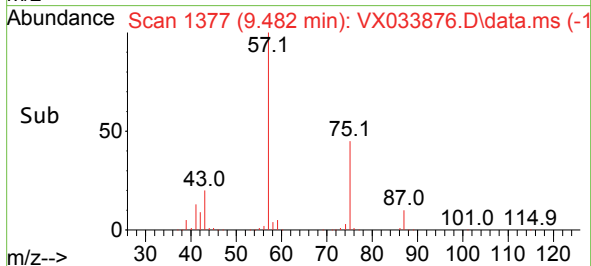
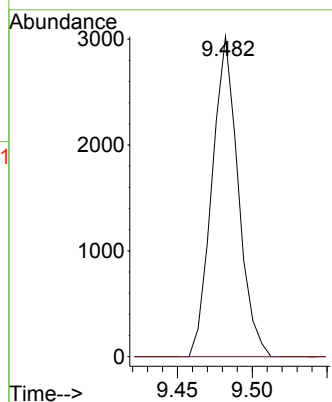
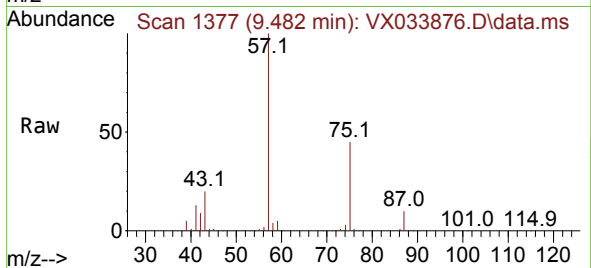
TP-25

Tgt Ion: 76 Resp: 3683

Ion Ratio Lower Upper

76 100

78 0.0 25.6 38.4#



#59

2-Hexanone

Concen: 36.904 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.049 min

Lab File: VX033876.D

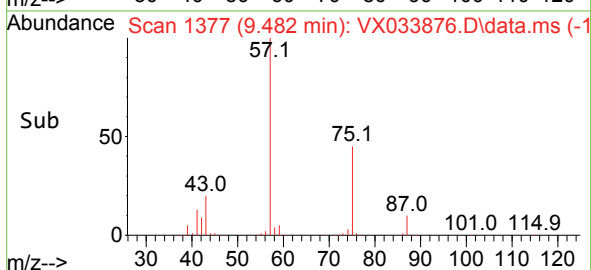
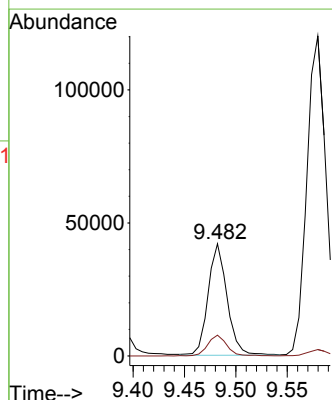
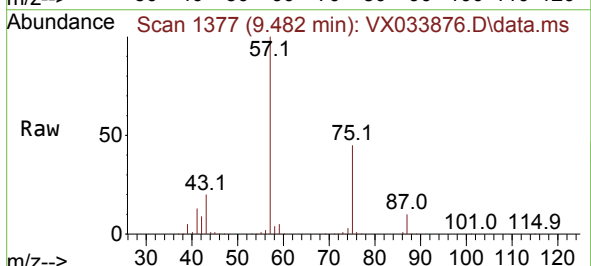
Acq: 24 Jan 2023 18:39

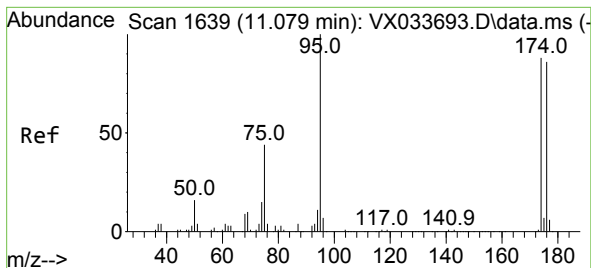
Tgt Ion: 43 Resp: 54080

Ion Ratio Lower Upper

43 100

58 19.1 27.4 82.0#

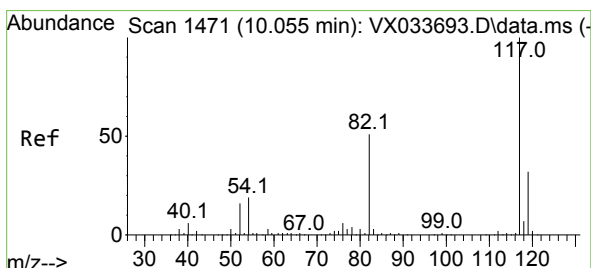
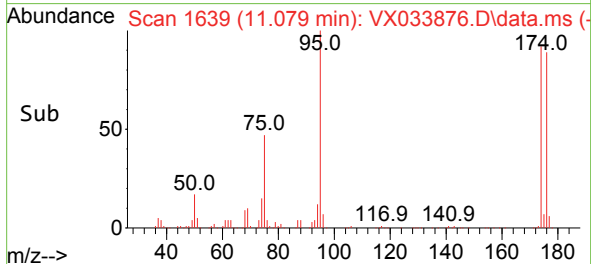
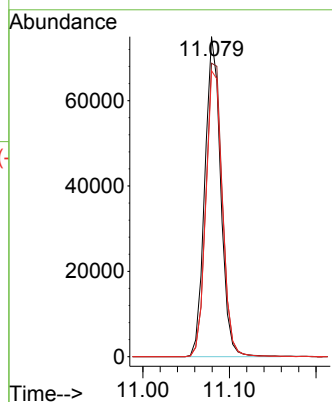
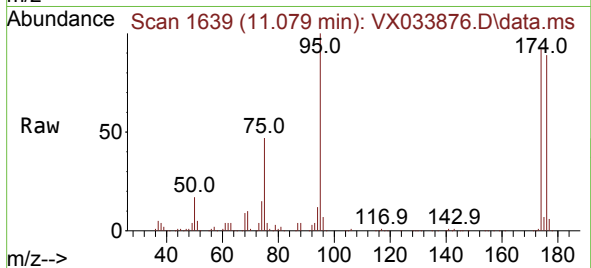




#62
4-Bromofluorobenzene
Concen: 47.388 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033876.D
Acq: 24 Jan 2023 18:39

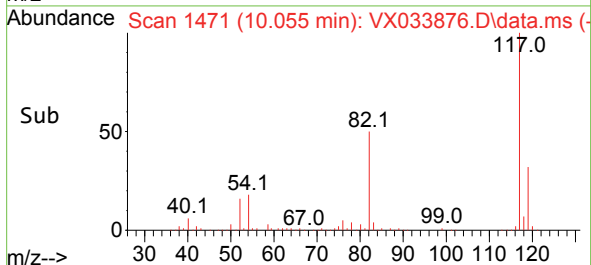
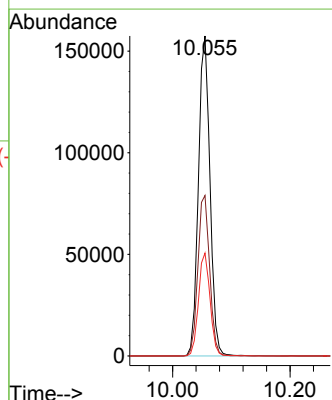
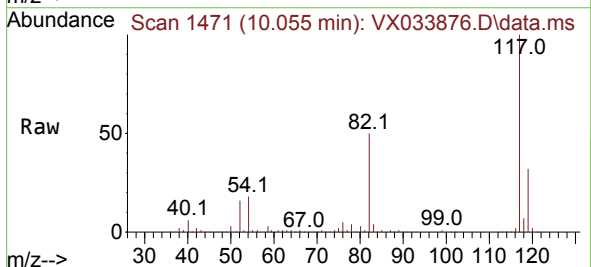
Instrument :
MSVOA_X
ClientSampleId :
TP-25

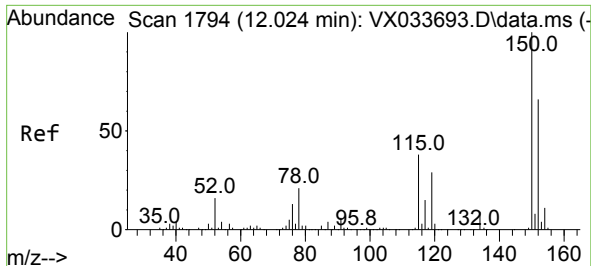
Tgt Ion: 95 Resp: 95385
Ion Ratio Lower Upper
95 100
174 95.6 0.0 184.4
176 93.0 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033876.D
Acq: 24 Jan 2023 18:39

Tgt Ion: 117 Resp: 214944
Ion Ratio Lower Upper
117 100
82 50.2 40.6 60.8
119 32.2 25.6 38.4

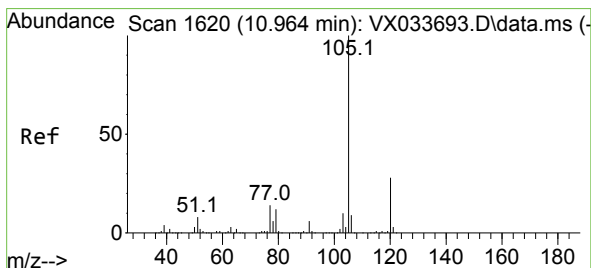
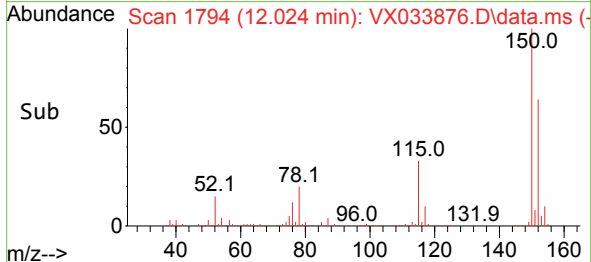
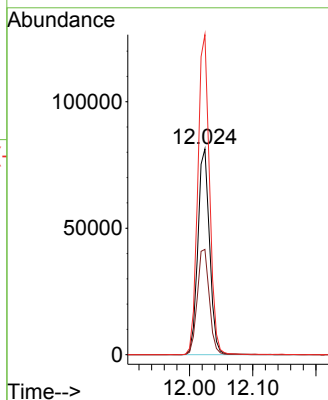
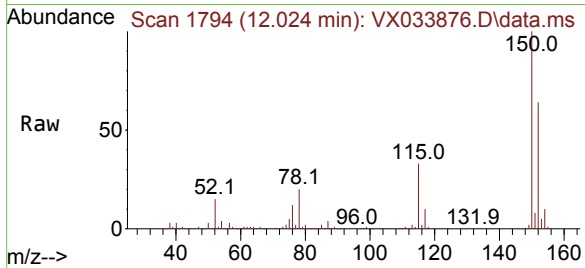




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033876.D
Acq: 24 Jan 2023 18:39

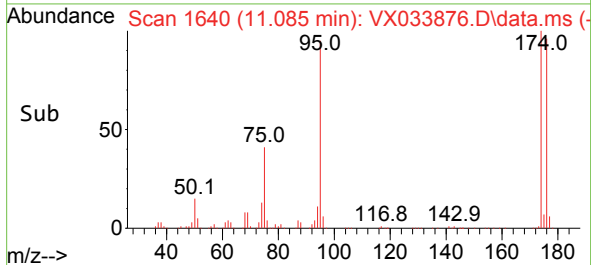
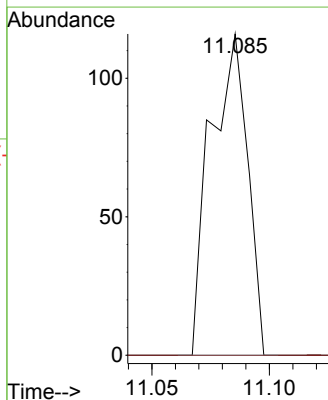
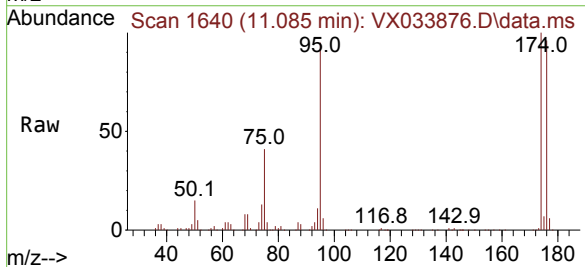
Instrument :
MSVOA_X
ClientSampleId :
TP-25

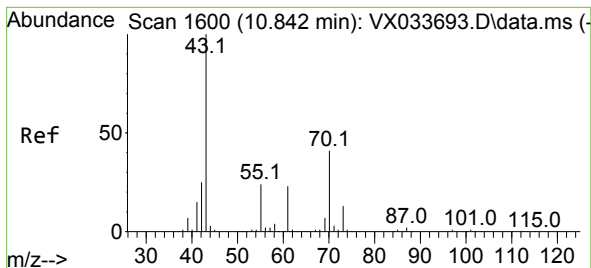
Tgt Ion:152 Resp: 104974
Ion Ratio Lower Upper
152 100
115 52.6 38.7 116.1
150 155.6 0.0 348.2



#73
Isopropylbenzene
Concen: Below Cal
RT: 11.085 min Scan# 1640
Delta R.T. 0.121 min
Lab File: VX033876.D
Acq: 24 Jan 2023 18:39

Tgt Ion:105 Resp: 127
Ion Ratio Lower Upper
105 100
120 0.0 13.6 40.8#





#74

N-amy1 acetate

Concen: 6.473 ug/l

RT: 10.640 min Scan# 1

Delta R.T. -0.201 min

Lab File: VX033876.D

Acq: 24 Jan 2023 18:39

Instrument :

MSVOA_X

ClientSampleId :

TP-25

Tgt Ion: 43 Resp: 17844

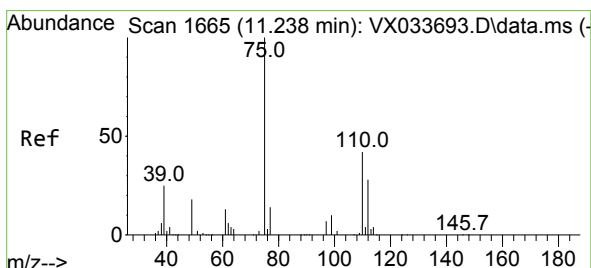
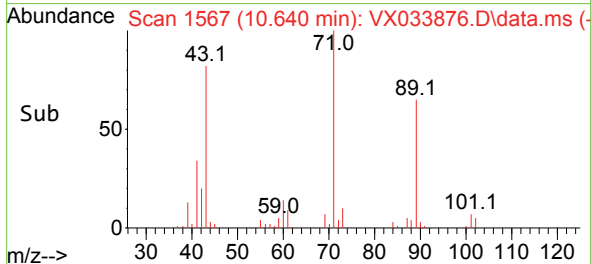
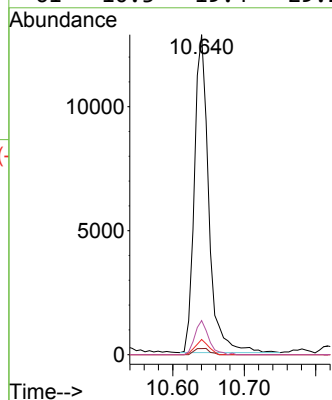
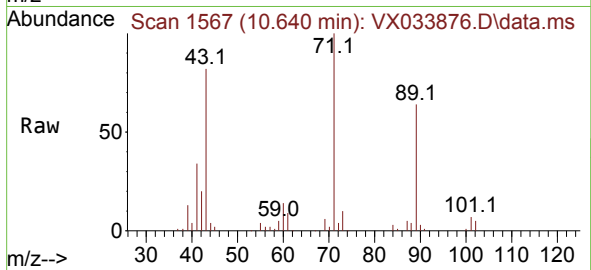
Ion Ratio Lower Upper

43 100

70 2.1 34.8 52.2#

55 4.4 19.4 29.0#

61 10.3 19.4 29.2#



#76

1,2,3-Trichloropropane

Concen: 22.782 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX033876.D

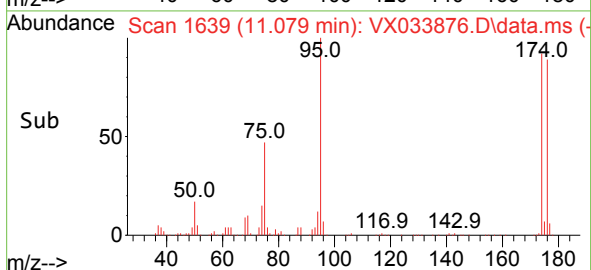
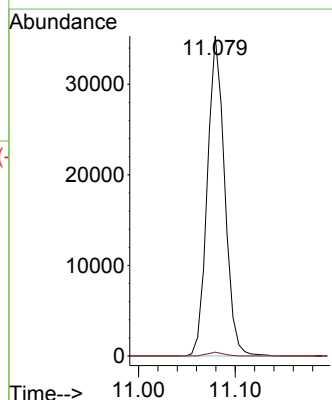
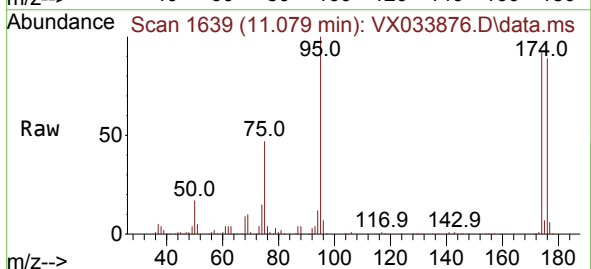
Acq: 24 Jan 2023 18:39

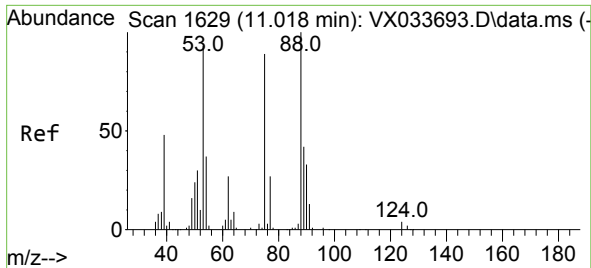
Tgt Ion: 75 Resp: 43941

Ion Ratio Lower Upper

75 100

77 1.1 21.8 65.4#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.805 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX033876.D
 Acq: 24 Jan 2023 18:39

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-25

Tgt Ion: 75 Resp: 43941
 Ion Ratio Lower Upper
 75 100
 53 0.0 83.0 124.6#
 89 0.0 37.7 56.5#

