

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083023\
 Data File : VX037382.D
 Acq On : 30 Aug 2023 12:26
 Operator : JC/MD
 Sample : 04110-14
 Misc : 4.28g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-21(3-4)

Quant Time: Aug 31 02:21:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.549	168	133454	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	214931	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	180945	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	80494	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	78125	40.606	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	81.220%
35) Dibromofluoromethane	5.391	113	62188	43.689	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.380%
50) Toluene-d8	8.646	98	249463	48.314	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.620%
62) 4-Bromofluorobenzene	11.085	95	85732	42.251	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	84.500%
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	308	0.227	ug/l #	43
4) Vinyl Chloride	1.623	62	359	0.243	ug/l #	43
5) Bromomethane	1.593	94	321	0.437	ug/l #	54
11) Tert butyl alcohol	2.940	59	2609	5.781	ug/l #	78
13) Acrolein	2.239	56	200	0.583	ug/l #	73
14) Allyl chloride	2.739	41	700	0.329	ug/l #	47
15) Acrylonitrile	3.105	53	237	0.294	ug/l #	76
16) Acetone	2.422	43	1685	2.239	ug/l	93
17) Carbon Disulfide	2.471	76	888	0.254	ug/l #	80
18) Methyl Acetate	2.727	43	5438	1.919	ug/l	96
20) Methylene Chloride	2.782	84	1096	0.651	ug/l #	63
25) 2-Butanone	4.629	43	1010	0.891	ug/l	96
29) Tetrahydrofuran	5.068	42	262	0.363	ug/l #	64
31) Cyclohexane	5.452	56	6832	3.158	ug/l #	85
38) Carbon Tetrachloride	5.543	117	14032	6.387	ug/l #	15
39) Methylcyclohexane	7.372	83	27754	13.062	ug/l	89
40) Benzene	6.031	78	11245	1.939	ug/l	96
44) Trichloroethene	7.116	130	515	0.313	ug/l	97
48) Methyl methacrylate	7.647	41	550	0.344	ug/l #	21
51) 4-Methyl-2-Pentanone	8.598	43	945	0.475	ug/l #	81
52) Toluene	8.720	92	25493	6.652	ug/l	97
55) 1,1,2-Trichloroethane	9.098	97	1199	0.768	ug/l #	22
58) 2-Chloroethyl Vinyl ether	8.262	63	247	0.211	ug/l #	47
59) 2-Hexanone	9.463	43	411	0.271	ug/l #	60
64) Tetrachloroethene	9.274	164	949	0.719	ug/l	92
67) Ethyl Benzene	10.195	91	8192	1.217	ug/l	98
68) m/p-Xylenes	10.299	106	17458	6.718	ug/l	99
69) o-Xylene	10.640	106	11832	4.615	ug/l	100
70) Styrene	10.640	104	1302	0.308	ug/l #	1
73) Isopropylbenzene	10.963	105	5648	0.965	ug/l	97
74) N-amyl acetate	10.853	43	694	0.305	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.225	83	413	0.210	ug/l #	56
76) 1,2,3-Trichloropropane	11.085	75	42537	24.814	ug/l #	38
77) Bromobenzene	11.201	156	289	0.202	ug/l	91
78) n-propylbenzene	11.305	91	7339	1.127	ug/l	97
79) 2-Chlorotoluene	11.457	91	2407	0.578	ug/l	81

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

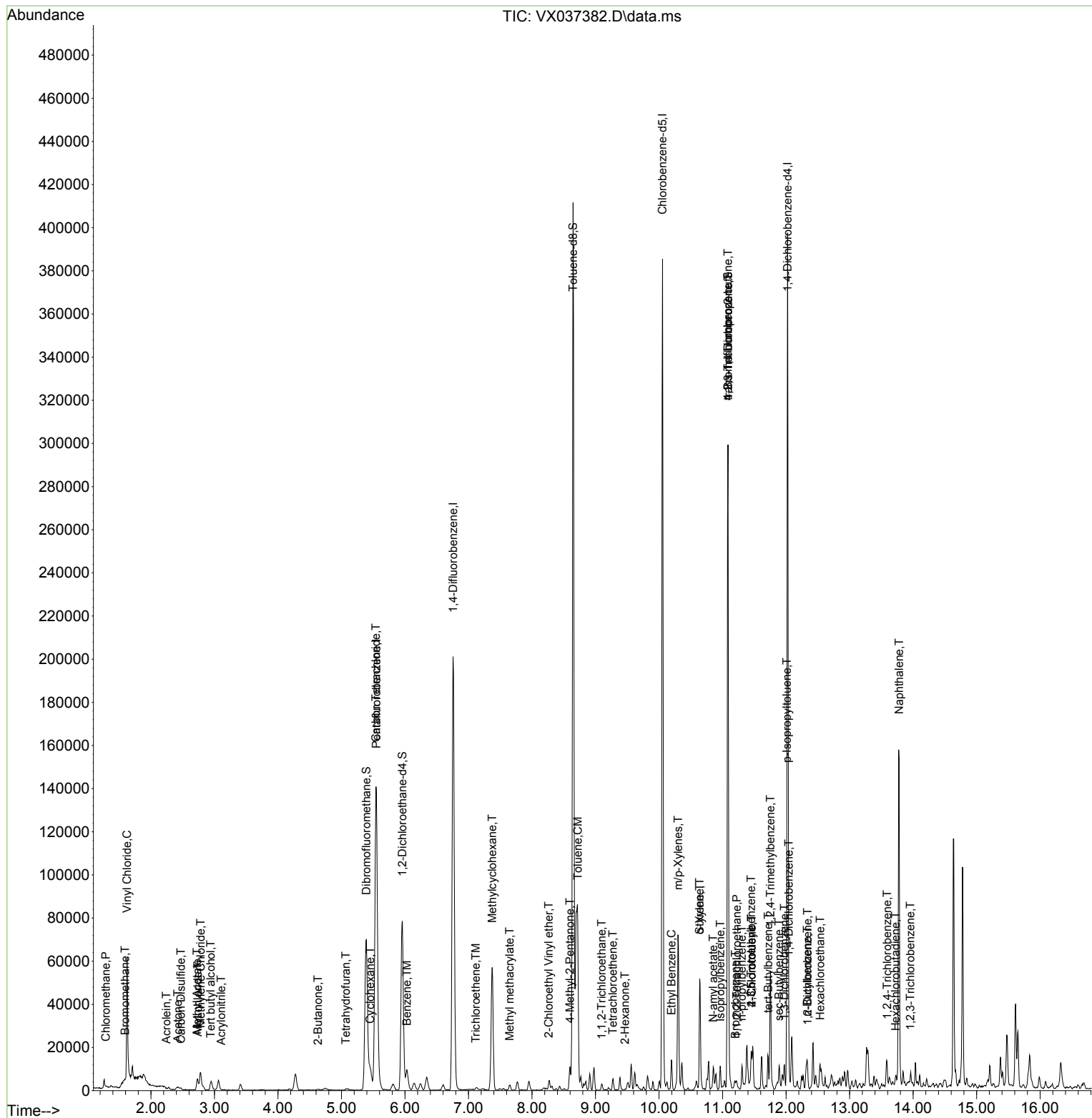
80) 1,3,5-Trimethylbenzene	11.451	105	6998	1.434	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.085	75	42537	69.306	ug/l #	5
82) 4-Chlorotoluene	11.457	91	2407	0.501	ug/l	87
83) tert-Butylbenzene	11.719	119	1340	0.288	ug/l	89
84) 1,2,4-Trimethylbenzene	11.756	105	24301	4.927	ug/l	95
85) sec-Butylbenzene	11.890	105	4541	0.835	ug/l	88
86) p-Isopropyltoluene	12.012	119	3908	0.835	ug/l	90
87) 1,3-Dichlorobenzene	11.975	146	1199	0.448	ug/l	84
88) 1,4-Dichlorobenzene	12.042	146	1645	0.595	ug/l #	46
89) n-Butylbenzene	12.335	91	4314	1.112	ug/l #	75
90) Hexachloroethane	12.536	117	913	1.169	ug/l #	37
91) 1,2-Dichlorobenzene	12.341	146	971	0.371	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	1531	0.999	ug/l #	85
94) Hexachlorobutadiene	13.725	225	544	0.919	ug/l	91
95) Naphthalene	13.780	128	103512	15.417	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	1652	1.085	ug/l #	85

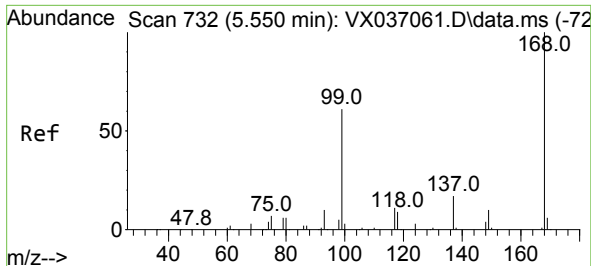
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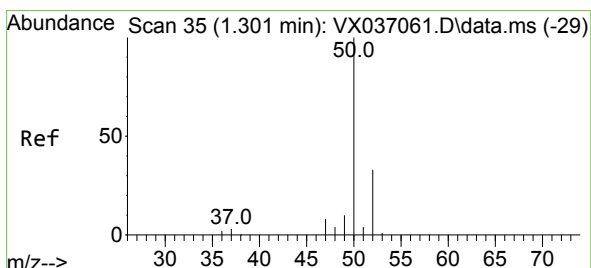
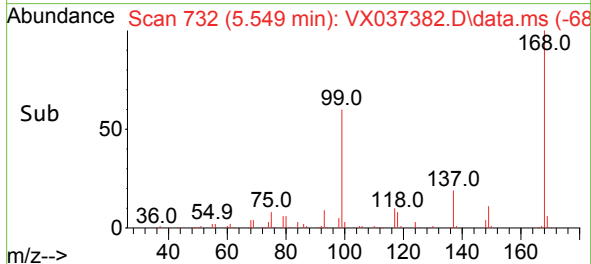
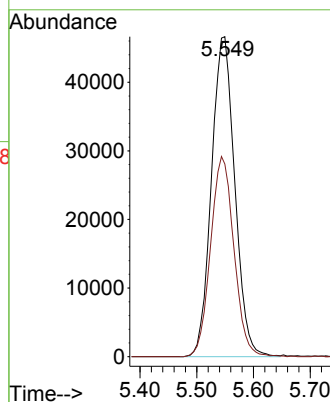
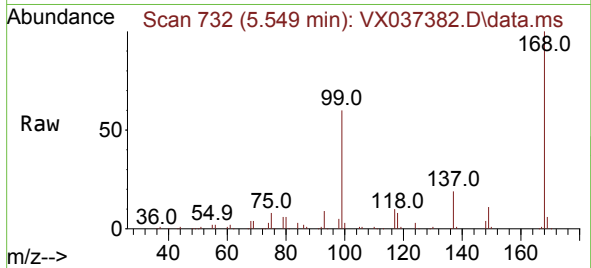




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX037382.D
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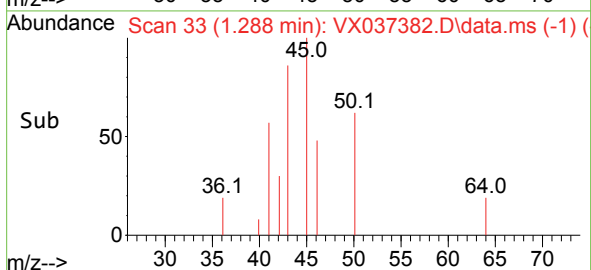
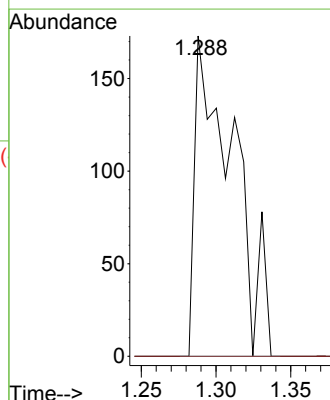
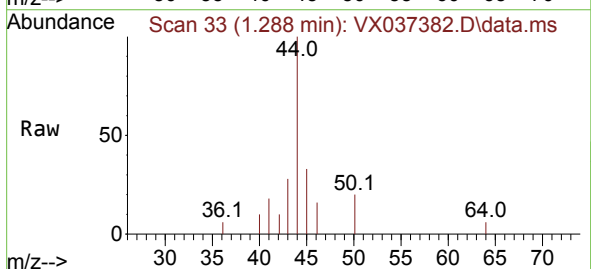
Instrument :
MSVOA_X
ClientSampleId :
TP-21(3-4)

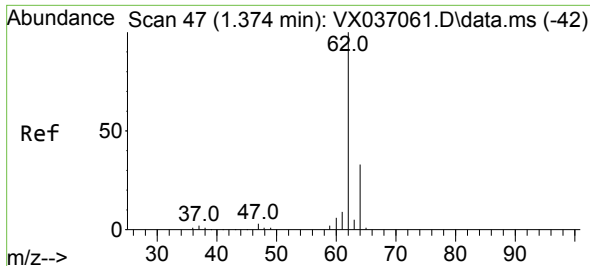
Tgt Ion:168 Resp: 133454
Ion Ratio Lower Upper
168 100
99 60.2 56.6 85.0



#3
Chloromethane
Concen: 0.227 ug/l
RT: 1.288 min Scan# 33
Delta R.T. -0.012 min
Lab File: VX037382.D
Acq: 30 Aug 2023 12:26

Tgt Ion: 50 Resp: 308
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#

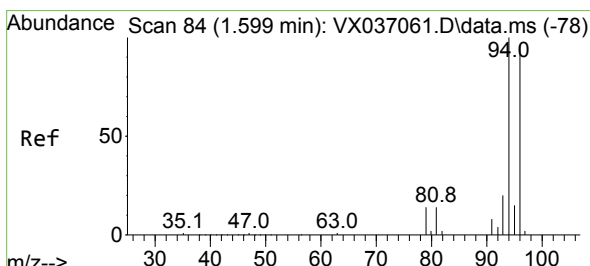
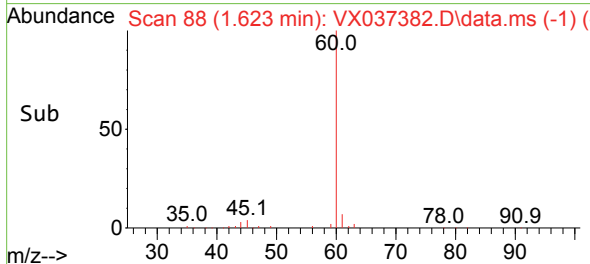
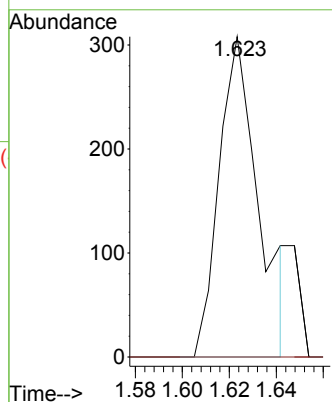
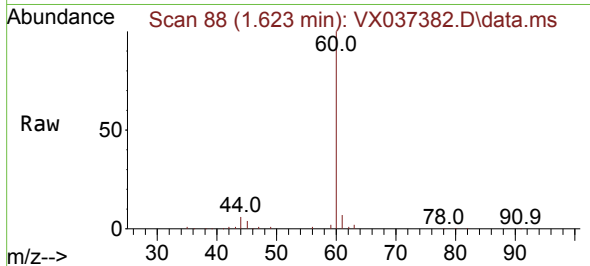




#4
 Vinyl Chloride
 Concen: 0.243 ug/l
 RT: 1.623 min Scan# 81
 Delta R.T. 0.250 min
 Lab File: VX037382.D
 Acq: 30 Aug 2023 12:26

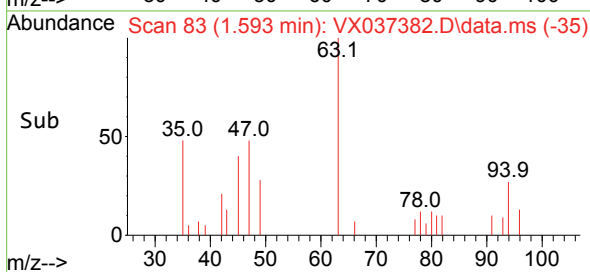
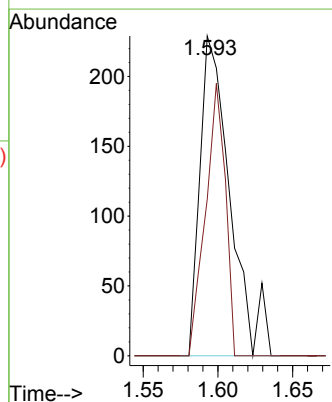
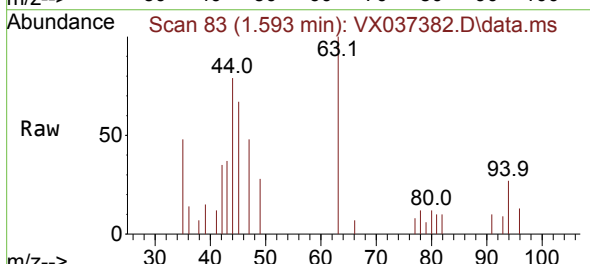
Instrument :
 MSVOA_X
 ClientSampleId :
 TP-21(3-4)

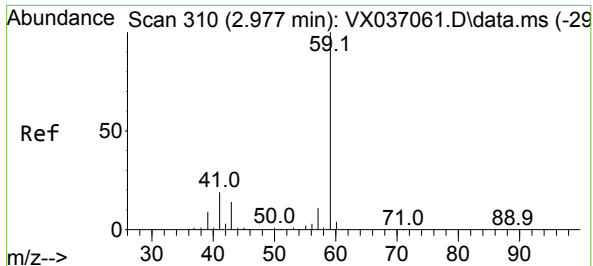
Tgt Ion: 62 Resp: 359
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.4 38.0#



#5
 Bromomethane
 Concen: 0.437 ug/l
 RT: 1.593 min Scan# 83
 Delta R.T. -0.006 min
 Lab File: VX037382.D
 Acq: 30 Aug 2023 12:26

Tgt Ion: 94 Resp: 321
 Ion Ratio Lower Upper
 94 100
 96 48.9 74.6 111.8#





#11

Tert butyl alcohol

Concen: 5.781 ug/l

RT: 2.940 min Scan# 30

Delta R.T. -0.037 min

Lab File: VX037382.D

Acq: 30 Aug 2023 12:26

Instrument :

MSVOA_X

ClientSampleId :

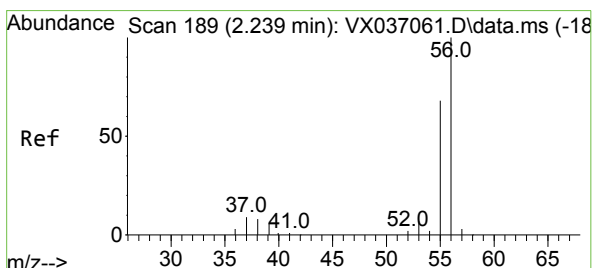
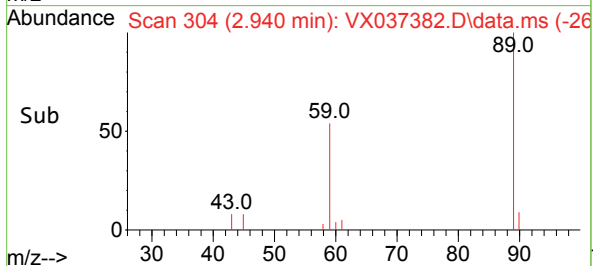
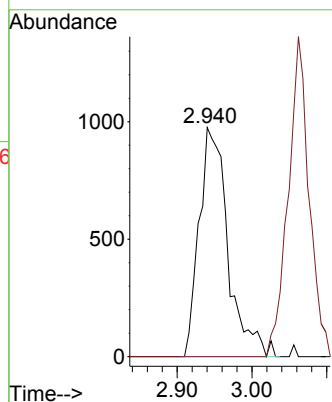
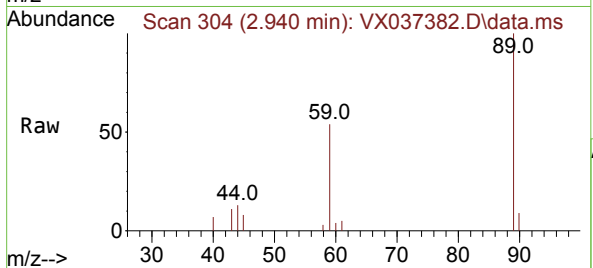
TP-21(3-4)

Tgt Ion: 59 Resp: 2609

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#13

Acrolein

Concen: 0.583 ug/l

RT: 2.239 min Scan# 189

Delta R.T. -0.000 min

Lab File: VX037382.D

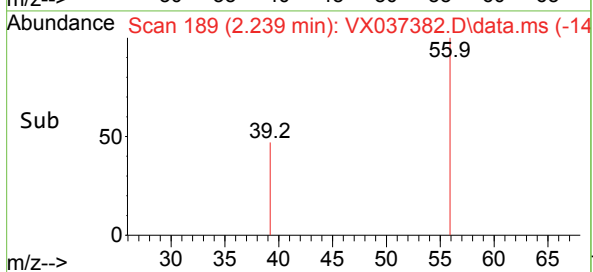
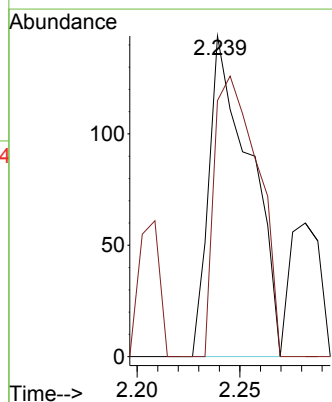
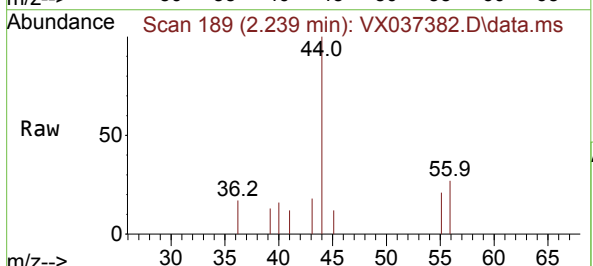
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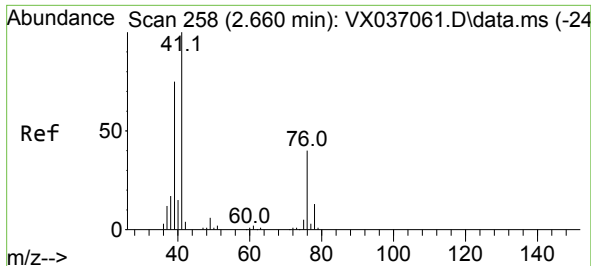
Tgt Ion: 56 Resp: 200

Ion Ratio Lower Upper

56 100

55 93.5 57.1 85.7#

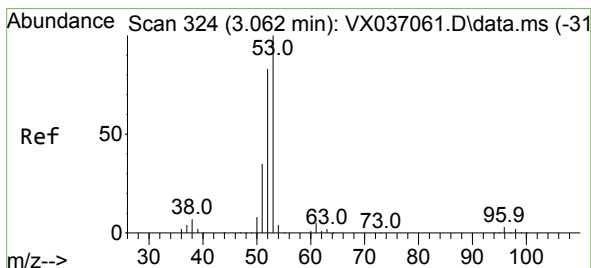
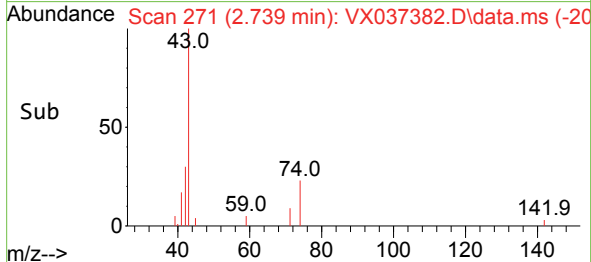
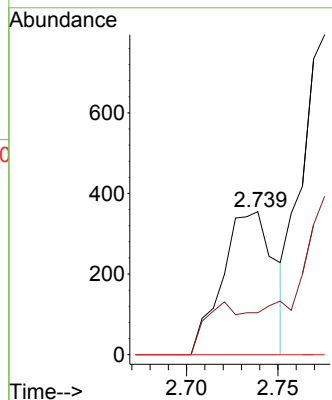
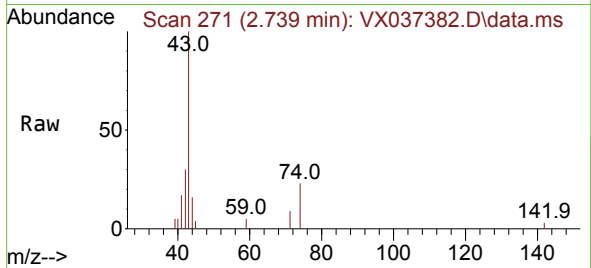




#14
 Allyl chloride
 Concen: 0.329 ug/l
 RT: 2.739 min Scan# 21
 Delta R.T. 0.079 min
 Lab File: VX037382.D
 Acq: 30 Aug 2023 12:26

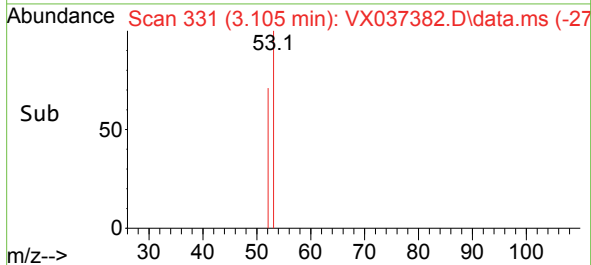
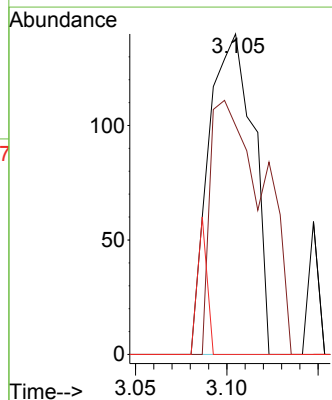
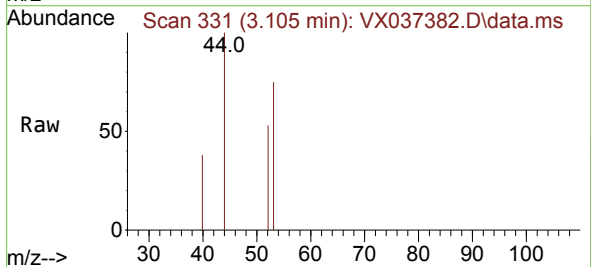
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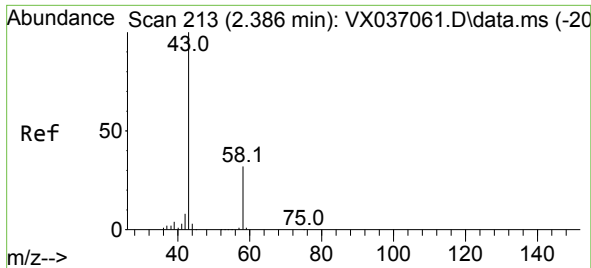
Tgt Ion: 41 Resp: 700
 Ion Ratio Lower Upper
 41 100
 39 27.4 55.8 83.6#
 76 0.0 24.3 36.5#



#15
 Acrylonitrile
 Concen: 0.294 ug/l
 RT: 3.105 min Scan# 331
 Delta R.T. 0.042 min
 Lab File: VX037382.D
 Acq: 30 Aug 2023 12:26

Tgt Ion: 53 Resp: 237
 Ion Ratio Lower Upper
 53 100
 52 94.9 66.0 99.0
 51 9.3 29.8 44.6#





#16

Acetone

Concen: 2.239 ug/l

RT: 2.422 min Scan# 21

Delta R.T. 0.036 min

Lab File: VX037382.D

Acq: 30 Aug 2023 12:26

Instrument :

MSVOA_X

ClientSampleId :

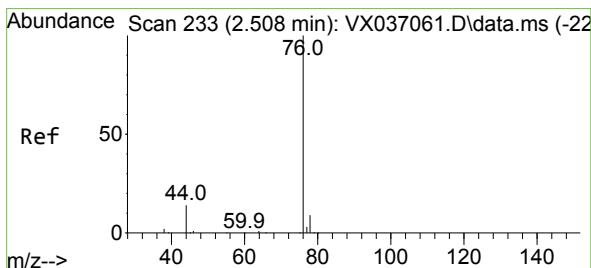
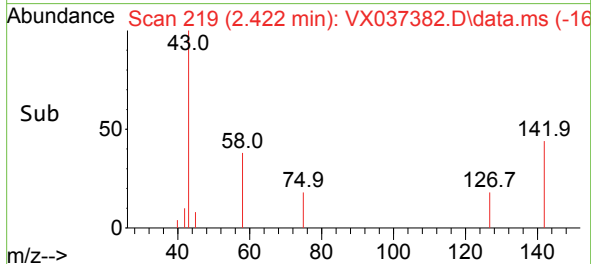
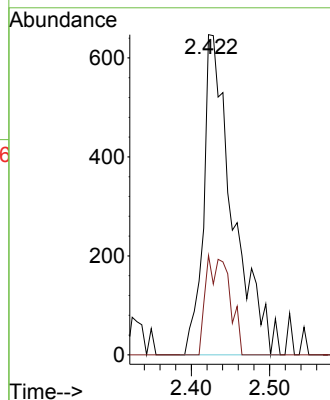
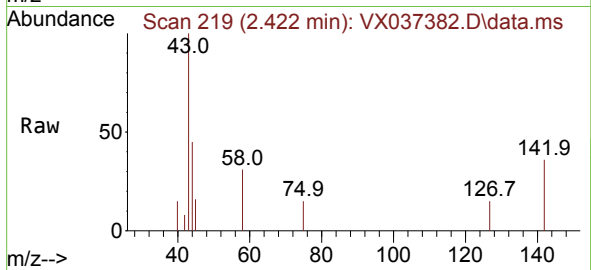
TP-21(3-4)

Tgt Ion: 43 Resp: 1685

Ion Ratio Lower Upper

43 100

58 31.1 21.9 32.9



#17

Carbon Disulfide

Concen: 0.254 ug/l

RT: 2.471 min Scan# 227

Delta R.T. -0.037 min

Lab File: VX037382.D

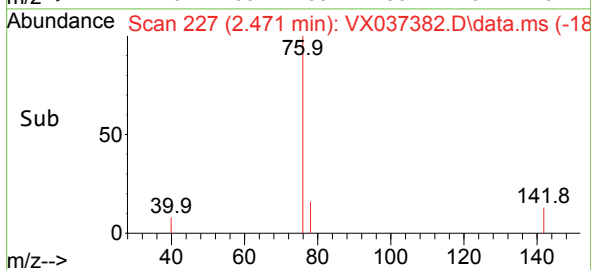
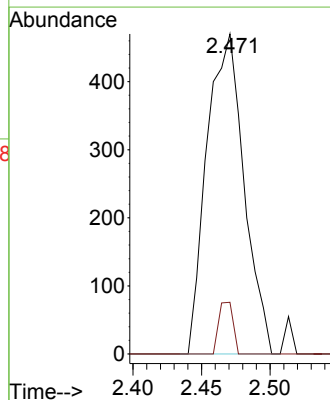
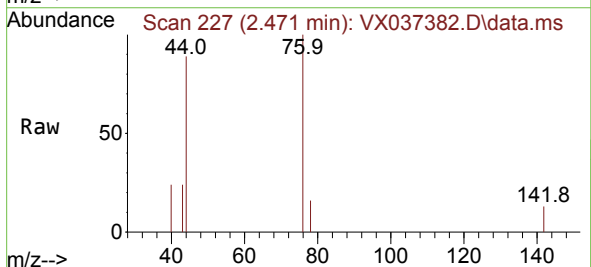
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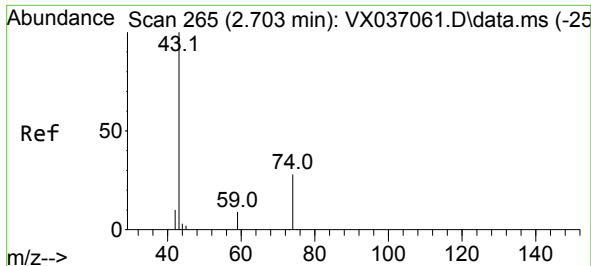
Tgt Ion: 76 Resp: 888

Ion Ratio Lower Upper

76 100

78 16.2 7.0 10.6#

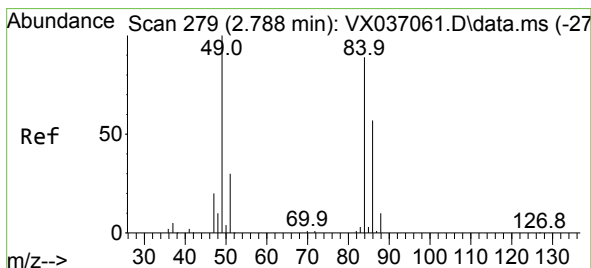
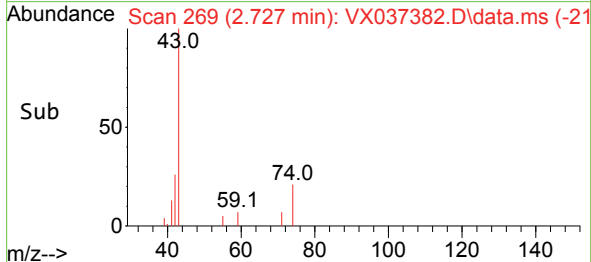
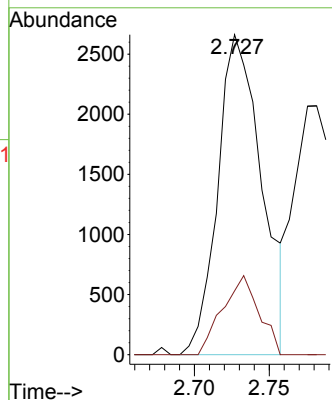
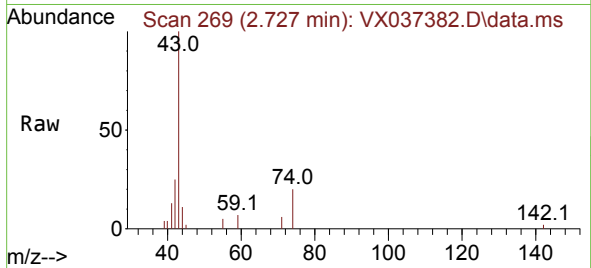




#18
Methyl Acetate
Concen: 1.919 ug/l
RT: 2.727 min Scan# 20
Delta R.T. 0.024 min
Lab File: VX037382.D
Acq: 30 Aug 2023 12:26

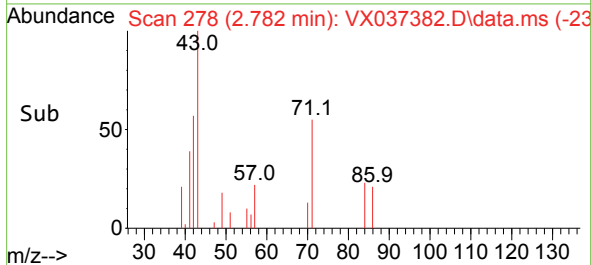
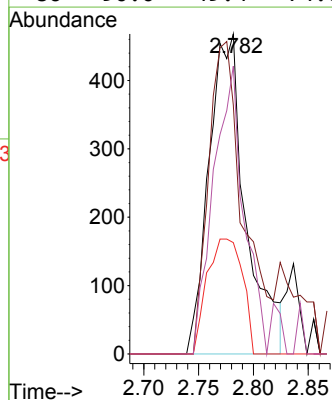
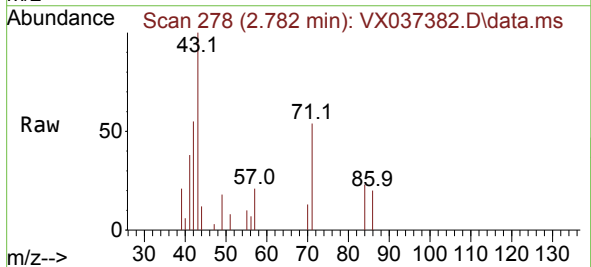
Instrument :
MSVOA_X
ClientSampleId :
TP-21(3-4)

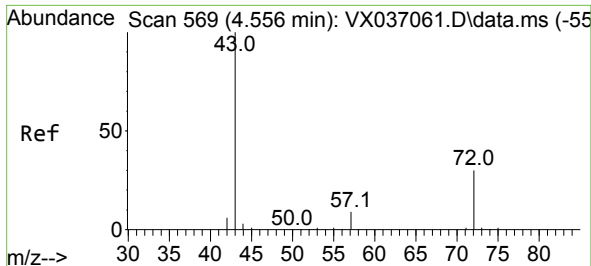
Tgt Ion: 43 Resp: 5438
Ion Ratio Lower Upper
43 100
74 20.5 17.8 26.8



#20
Methylene Chloride
Concen: 0.651 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX037382.D
Acq: 30 Aug 2023 12:26

Tgt Ion: 84 Resp: 1096
Ion Ratio Lower Upper
84 100
49 77.8 103.6 155.4#
51 34.8 33.8 50.6
86 90.0 49.4 74.0#

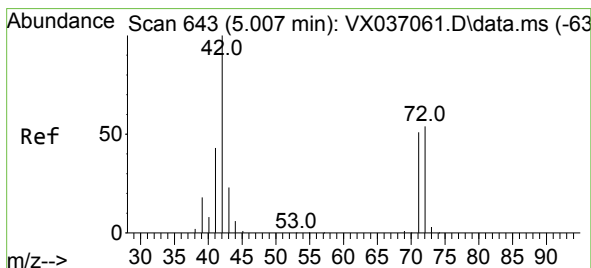
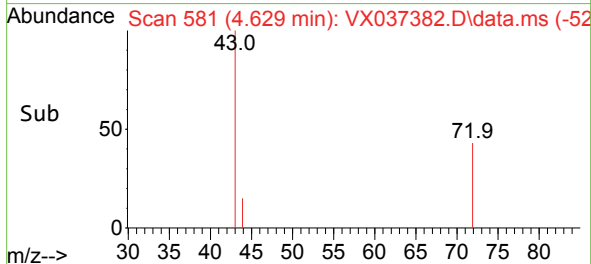
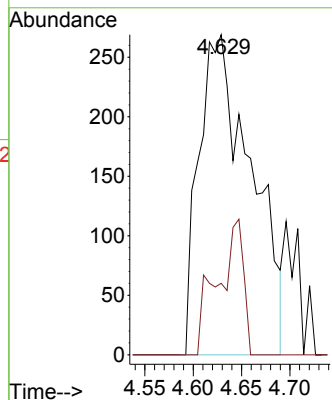
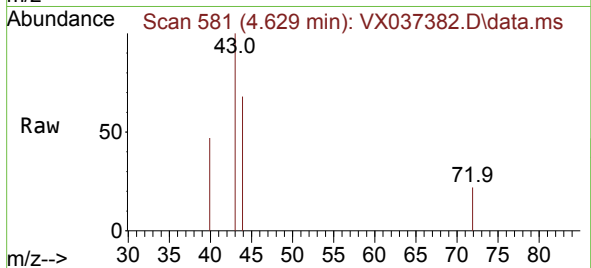




#25
2-Butanone
Concen: 0.891 ug/l
RT: 4.629 min Scan# 581
Delta R.T. 0.073 min
Lab File: VX037382.D
Acq: 30 Aug 2023 12:26

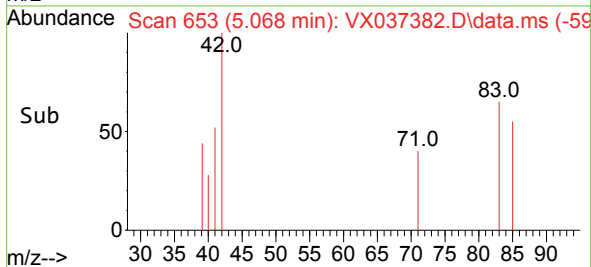
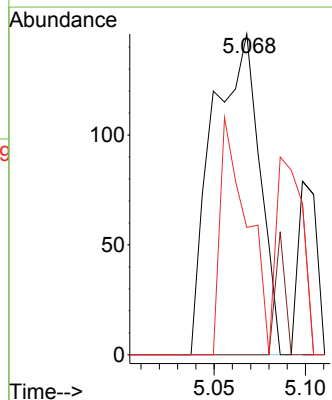
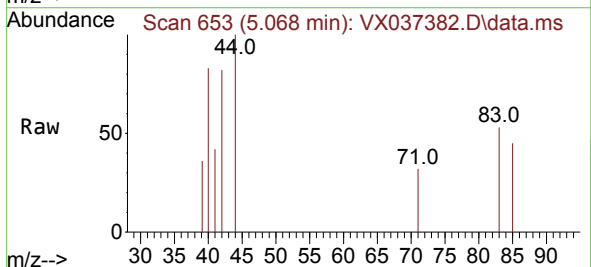
Instrument :
MSVOA_X
ClientSampleId :
TP-21(3-4)

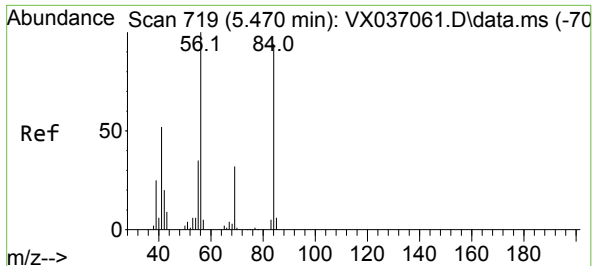
Tgt Ion: 43 Resp: 1010
Ion Ratio Lower Upper
43 100
72 22.3 19.4 29.2



#29
Tetrahydrofuran
Concen: 0.363 ug/l
RT: 5.068 min Scan# 653
Delta R.T. 0.061 min
Lab File: VX037382.D
Acq: 30 Aug 2023 12:26

Tgt Ion: 42 Resp: 262
Ion Ratio Lower Upper
42 100
72 0.0 34.2 51.4#
71 42.4 32.2 48.2

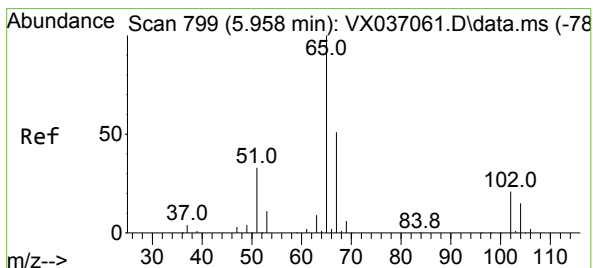
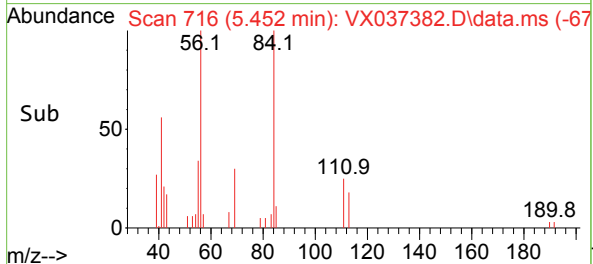
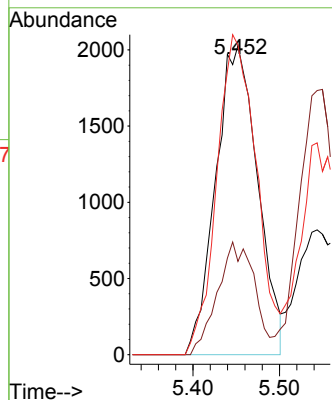
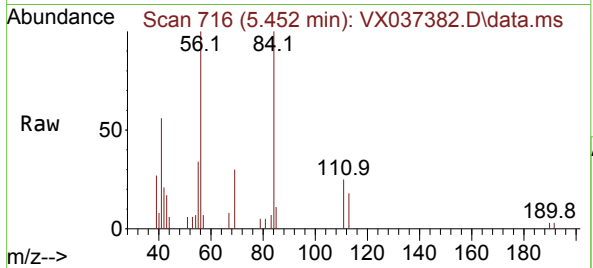




#31
Cyclohexane
Concen: 3.158 ug/l
RT: 5.452 min Scan# 716
Delta R.T. -0.019 min
Lab File: VX037382.D
Acq: 30 Aug 2023 12:26

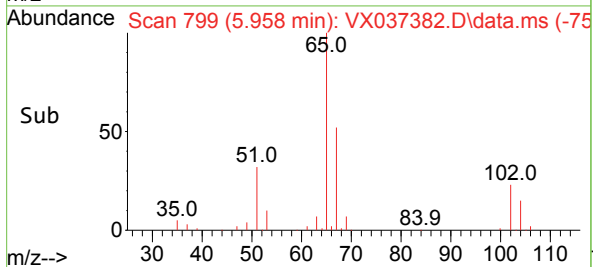
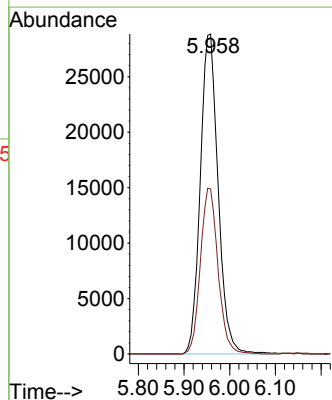
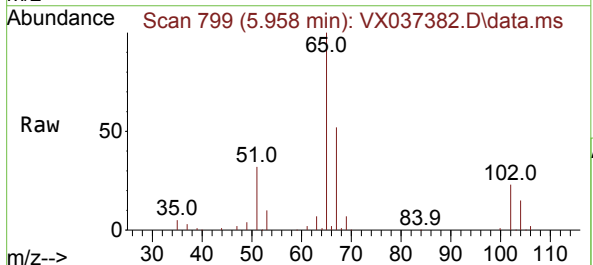
Instrument :
MSVOA_X
ClientSampleId :
TP-21(3-4)

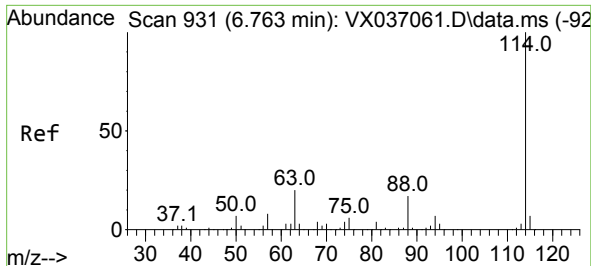
Tgt Ion: 56 Resp: 6832
Ion Ratio Lower Upper
56 100
69 30.2 23.4 35.2
84 100.1 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 40.606 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX037382.D
Acq: 30 Aug 2023 12:26

Tgt Ion: 65 Resp: 78125
Ion Ratio Lower Upper
65 100
67 51.2 0.0 100.2

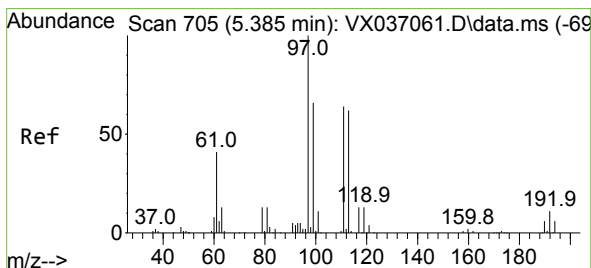
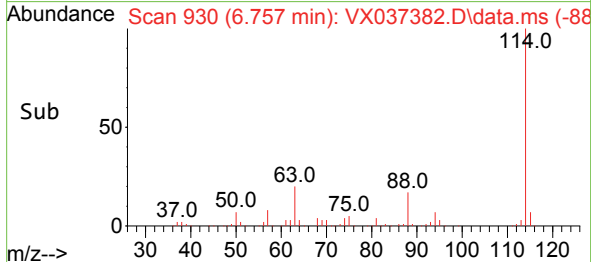
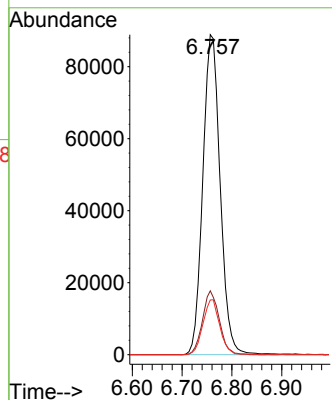
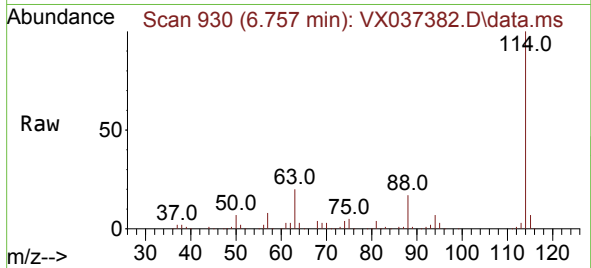




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX037382.D
Acq: 30 Aug 2023 12:26

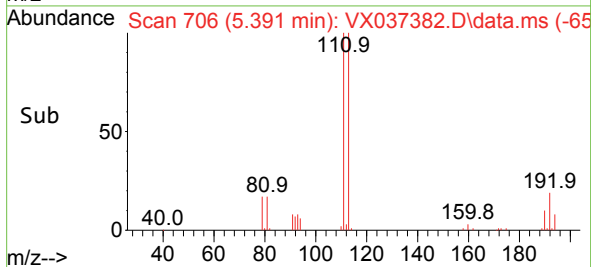
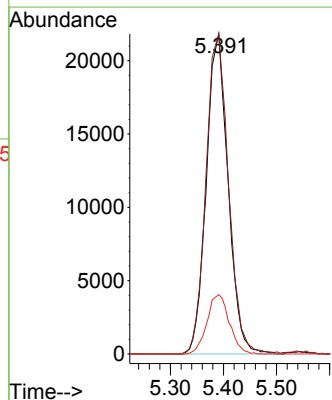
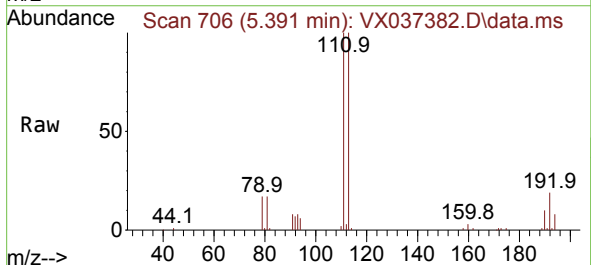
Instrument :
MSVOA_X
ClientSampleId :
TP-21(3-4)

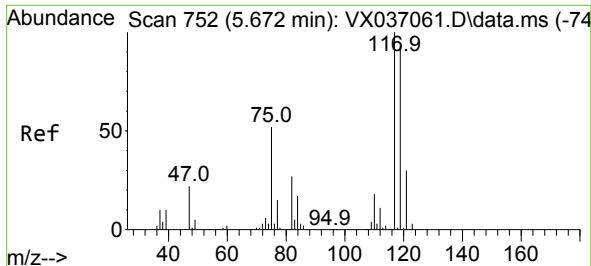
Tgt Ion:114 Resp: 214931
Ion Ratio Lower Upper
114 100
63 19.9 0.0 45.0
88 17.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 43.689 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX037382.D
Acq: 30 Aug 2023 12:26

Tgt Ion:113 Resp: 62188
Ion Ratio Lower Upper
113 100
111 103.6 82.9 124.3
192 19.0 13.3 19.9

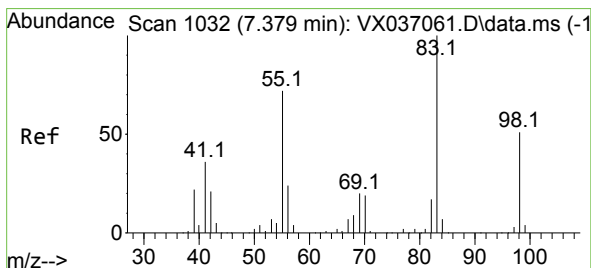
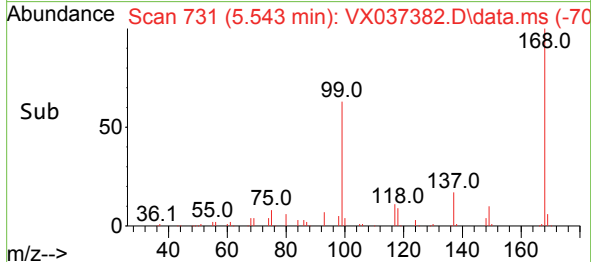
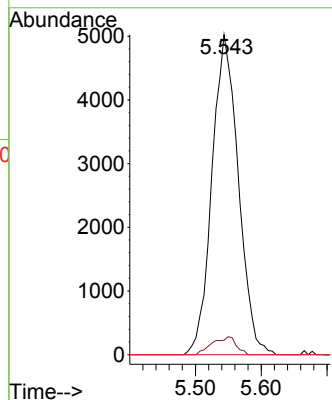
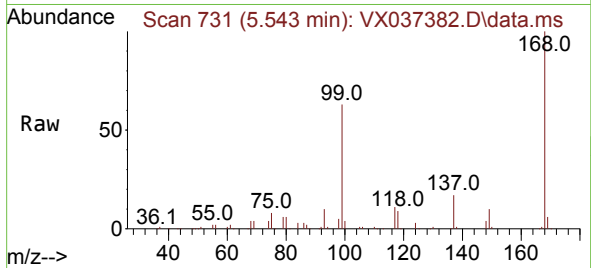




#38
Carbon Tetrachloride
Concen: 6.387 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX037382.D
Acq: 30 Aug 2023 12:26

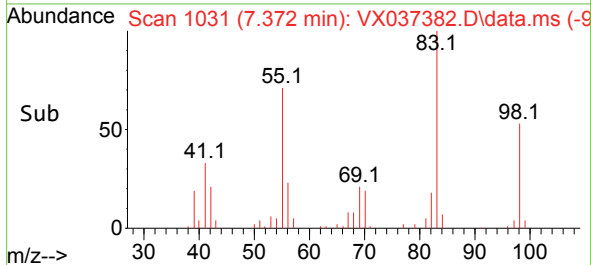
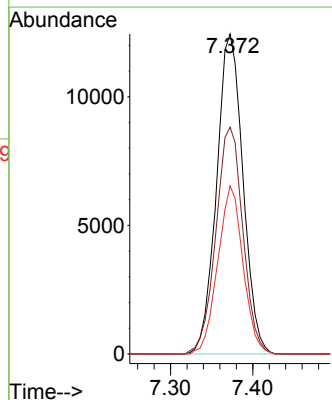
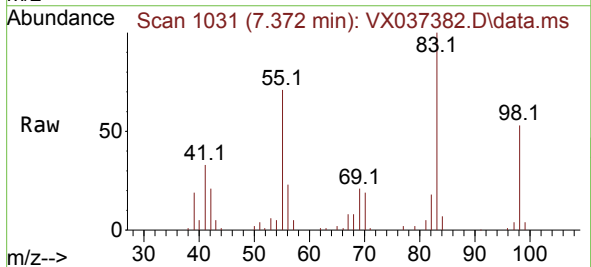
Instrument :
MSVOA_X
ClientSampleId :
TP-21(3-4)

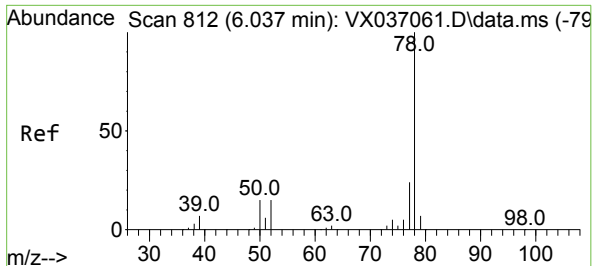
Tgt Ion:117 Resp: 14032
Ion Ratio Lower Upper
117 100
119 4.5 78.2 117.2#
121 0.0 24.4 36.6#



#39
Methylcyclohexane
Concen: 13.062 ug/l
RT: 7.372 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VX037382.D
Acq: 30 Aug 2023 12:26

Tgt Ion: 83 Resp: 27754
Ion Ratio Lower Upper
83 100
55 70.8 64.6 97.0
98 52.6 36.7 55.1





#40

Benzene

Concen: 1.939 ug/l

RT: 6.031 min Scan# 81

Delta R.T. -0.006 min

Lab File: VX037382.D

Acq: 30 Aug 2023 12:26

Instrument :

MSVOA_X

ClientSampleId :

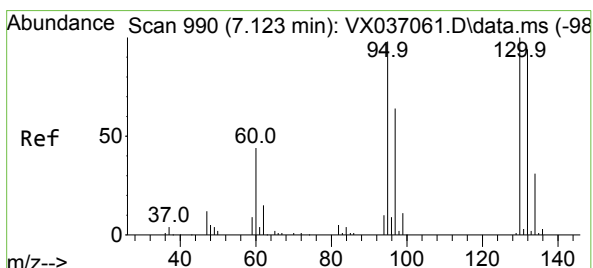
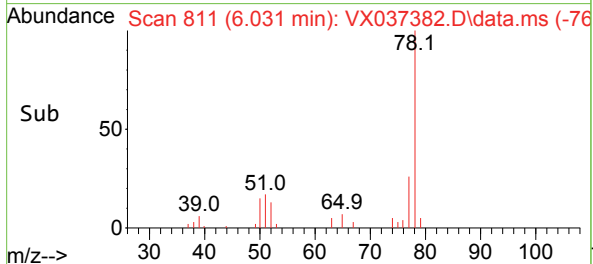
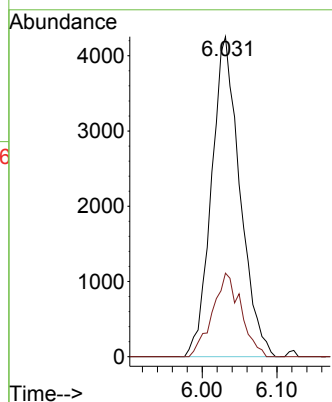
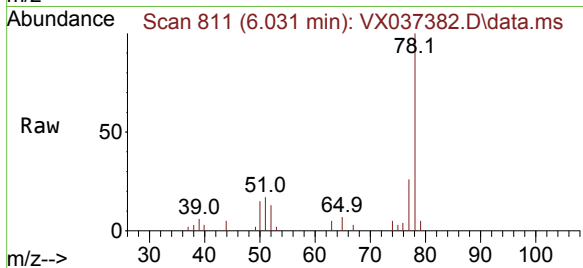
TP-21(3-4)

Tgt Ion: 78 Resp: 11245

Ion Ratio Lower Upper

78 100

77 26.1 19.3 28.9



#44

Trichloroethene

Concen: 0.313 ug/l

RT: 7.116 min Scan# 989

Delta R.T. -0.006 min

Lab File: VX037382.D

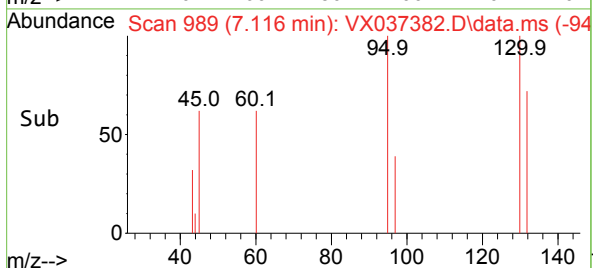
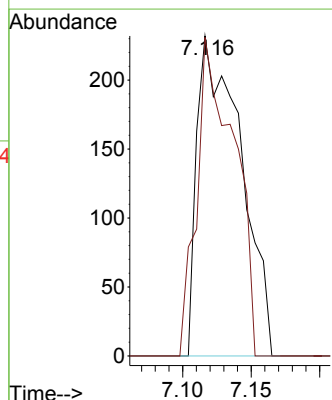
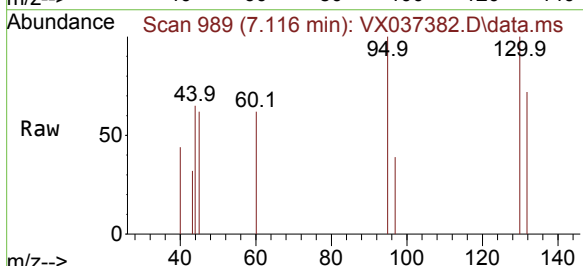
Acq: 30 Aug 2023 12:26

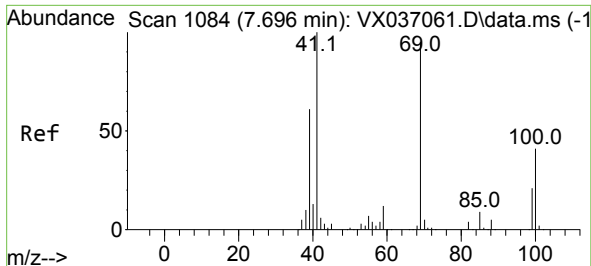
Tgt Ion:130 Resp: 515

Ion Ratio Lower Upper

130 100

95 99.6 0.0 204.4

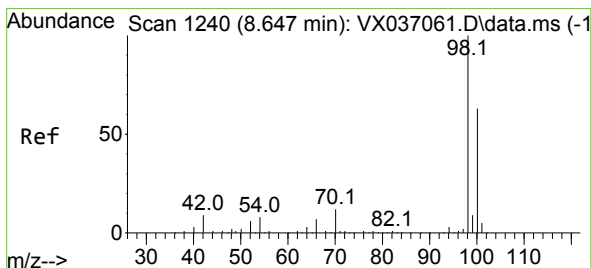
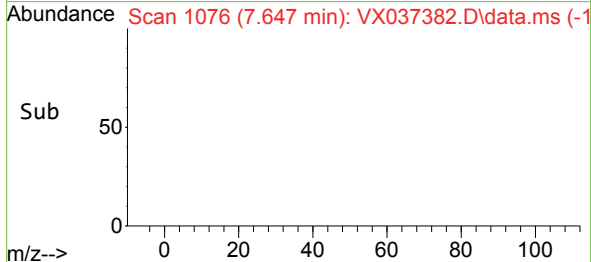
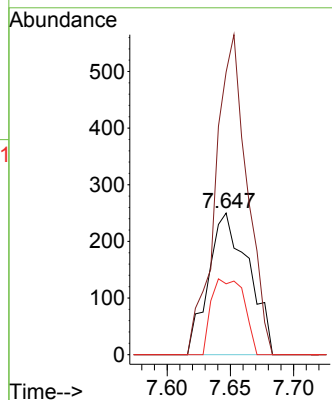
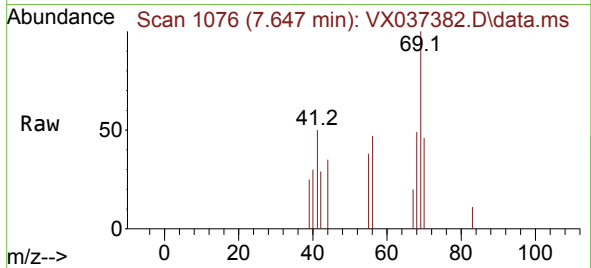




#48
Methyl methacrylate
Concen: 0.344 ug/l
RT: 7.647 min Scan# 1076
Delta R.T. -0.049 min
Lab File: VX037382.D
Acq: 30 Aug 2023 12:26

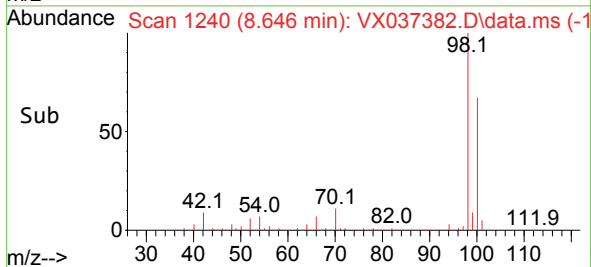
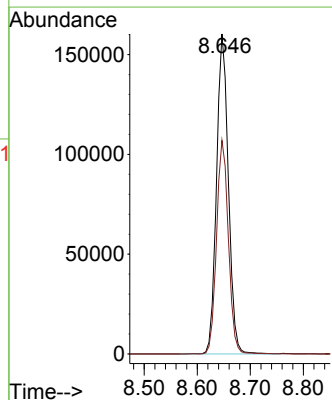
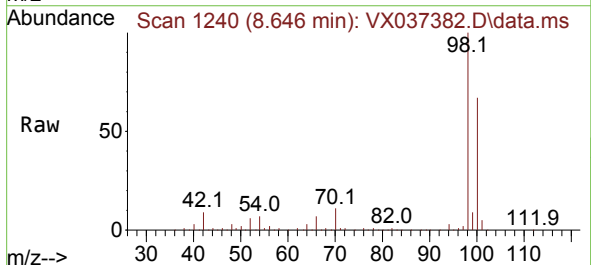
Instrument :
MSVOA_X
ClientSampleId :
TP-21(3-4)

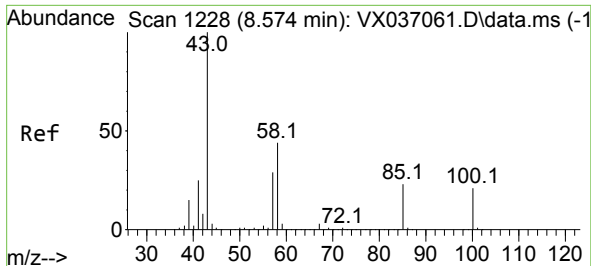
Tgt Ion: 41 Resp: 550
Ion Ratio Lower Upper
41 100
69 179.6 59.2 88.8#
39 43.8 47.7 71.5#



#50
Toluene-d8
Concen: 48.314 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX037382.D
Acq: 30 Aug 2023 12:26

Tgt Ion: 98 Resp: 249463
Ion Ratio Lower Upper
98 100
100 66.6 53.1 79.7

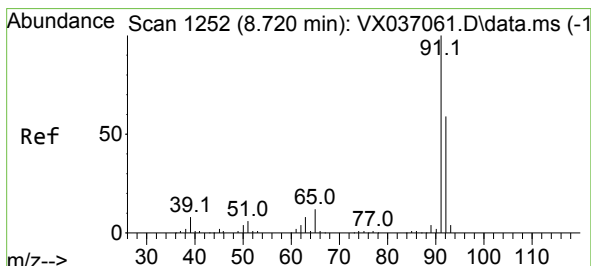
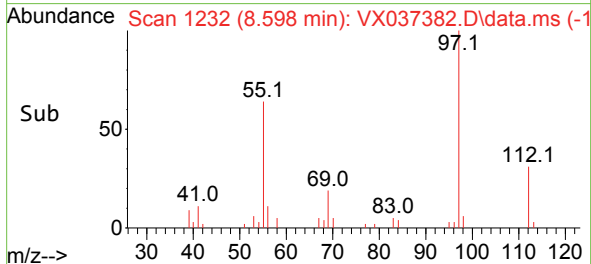
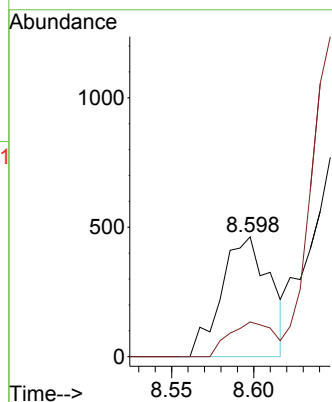
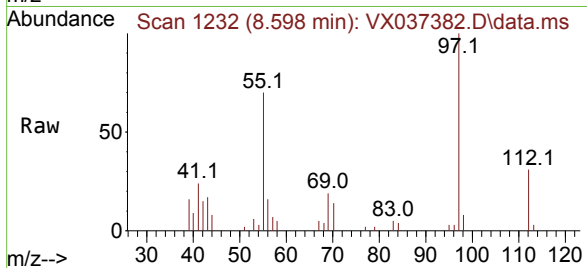




#51
4-Methyl-2-Pentanone
Concen: 0.475 ug/l
RT: 8.598 min Scan# 1232
Delta R.T. 0.024 min
Lab File: VX037382.D
Acq: 30 Aug 2023 12:26

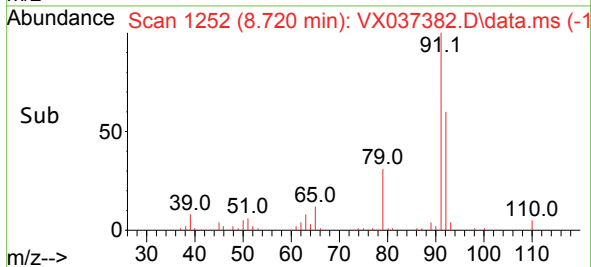
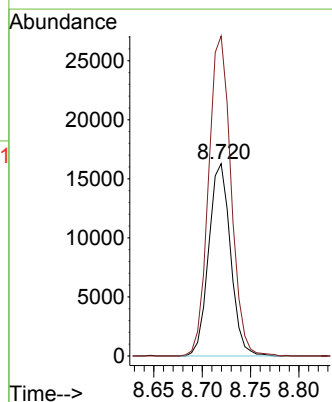
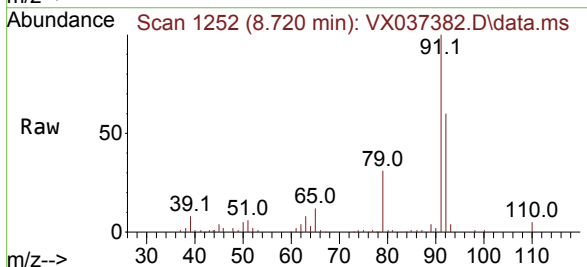
Instrument :
MSVOA_X
ClientSampleId :
TP-21(3-4)

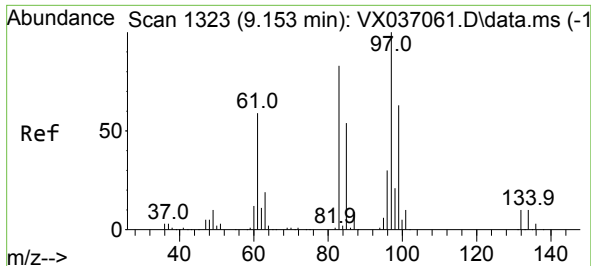
Tgt Ion: 43 Resp: 945
Ion Ratio Lower Upper
43 100
58 26.8 30.4 45.6#



#52
Toluene
Concen: 6.652 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX037382.D
Acq: 30 Aug 2023 12:26

Tgt Ion: 92 Resp: 25493
Ion Ratio Lower Upper
92 100
91 171.5 134.2 201.2

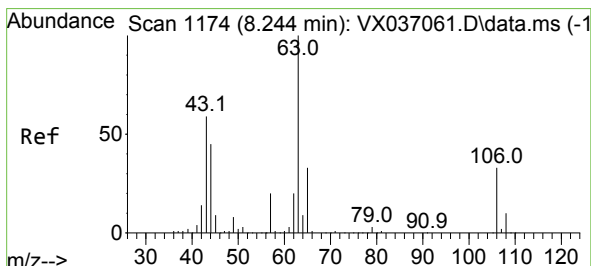
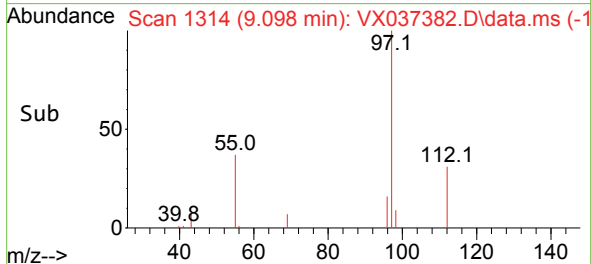
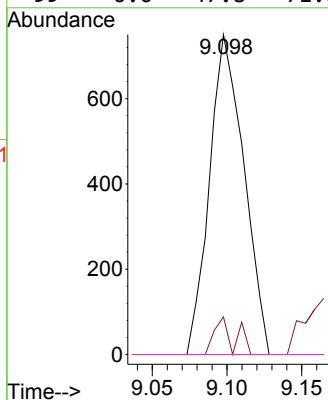
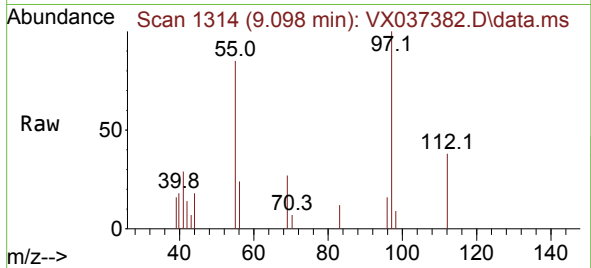




#55
 1,1,2-Trichloroethane
 Concen: 0.768 ug/l
 RT: 9.098 min Scan# 1199
 Delta R.T. -0.055 min
 Lab File: VX037382.D
 Acq: 30 Aug 2023 12:26

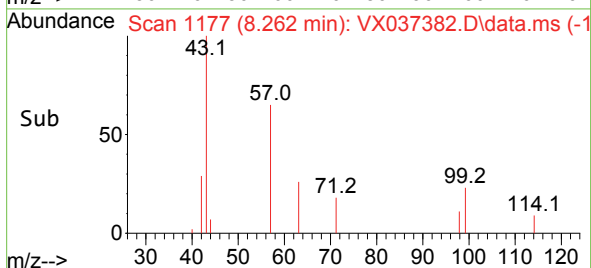
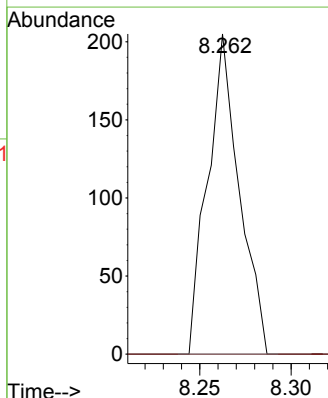
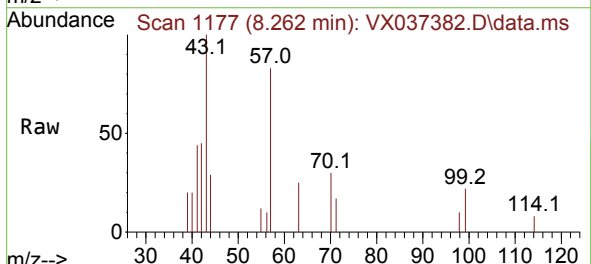
Instrument :
 MSVOA_X
 ClientSampleId :
 TP-21(3-4)

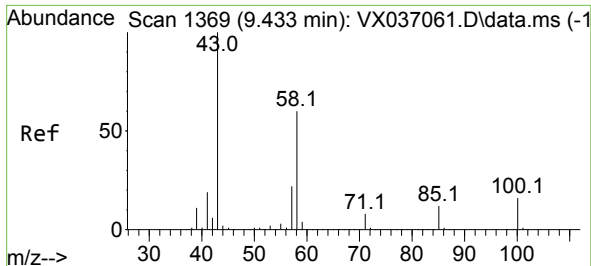
Tgt Ion: 97	Resp:	1199
Ion	Ratio	Lower Upper
97	100	
83	11.7	65.8 98.8#
85	0.0	41.6 62.4#
99	0.0	47.8 71.8#



#58
 2-Chloroethyl Vinyl ether
 Concen: 0.211 ug/l
 RT: 8.262 min Scan# 1177
 Delta R.T. 0.018 min
 Lab File: VX037382.D
 Acq: 30 Aug 2023 12:26

Tgt Ion: 63	Resp:	247
Ion	Ratio	Lower Upper
63	100	
106	0.0	22.5 33.7#





#59

2-Hexanone

Concen: 0.271 ug/l

RT: 9.463 min Scan# 11

Delta R.T. 0.030 min

Lab File: VX037382.D

Acq: 30 Aug 2023 12:26

Instrument :

MSVOA_X

ClientSampleId :

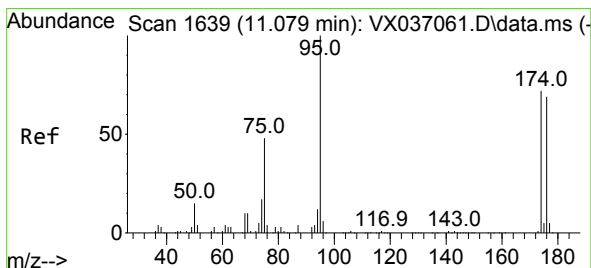
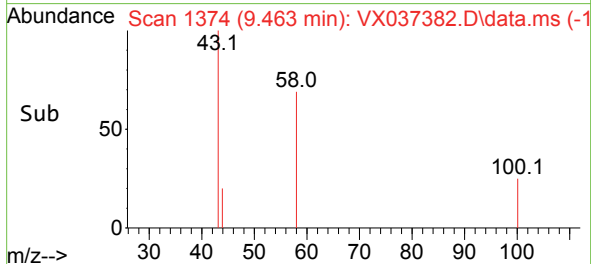
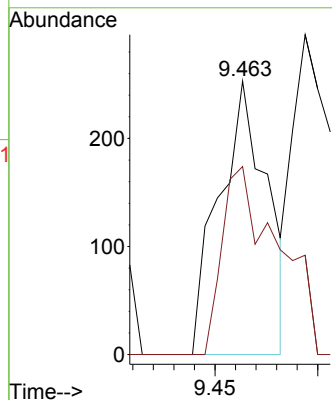
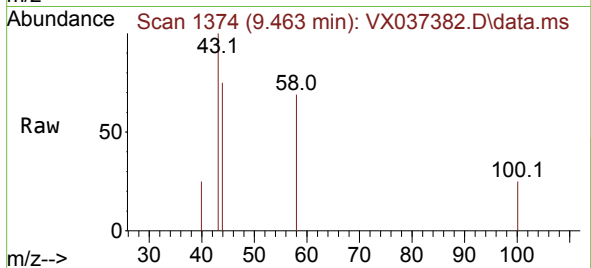
TP-21(3-4)

Tgt Ion: 43 Resp: 411

Ion Ratio Lower Upper

43 100

58 80.5 26.2 78.5#



#62

4-Bromofluorobenzene

Concen: 42.251 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.006 min

Lab File: VX037382.D

Acq: 30 Aug 2023 12:26

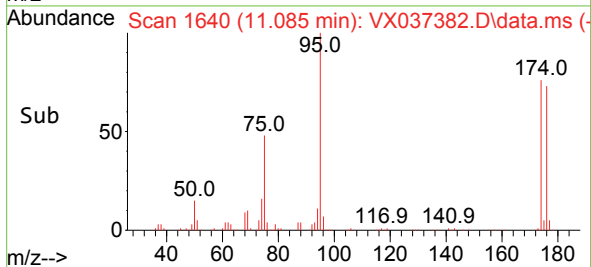
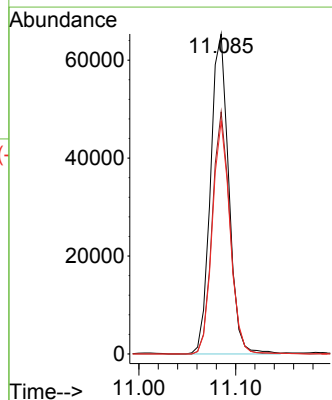
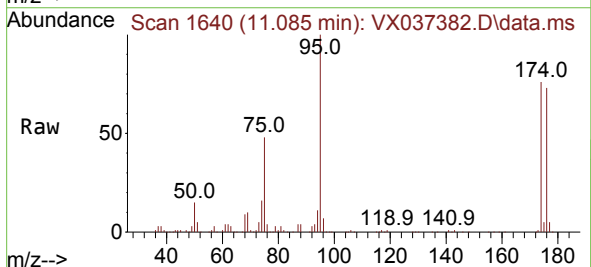
Tgt Ion: 95 Resp: 85732

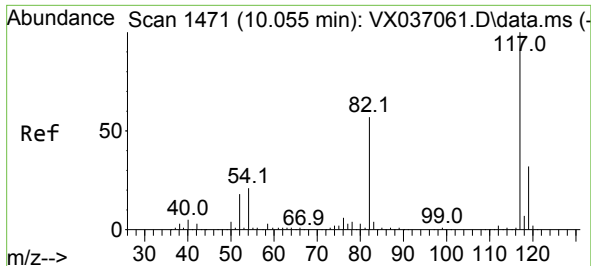
Ion Ratio Lower Upper

95 100

174 73.6 0.0 135.6

176 70.8 0.0 131.0

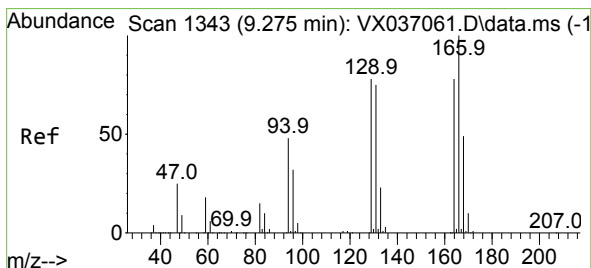
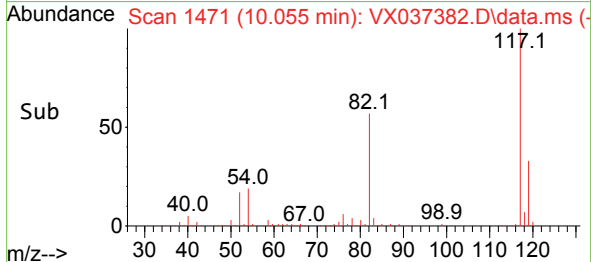
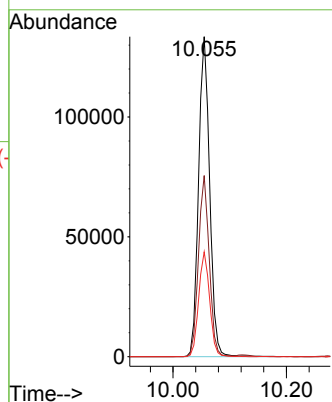
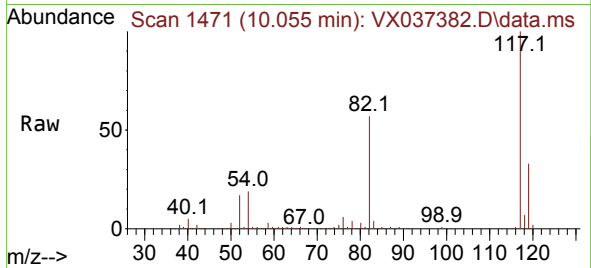




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037382.D
Acq: 30 Aug 2023 12:26

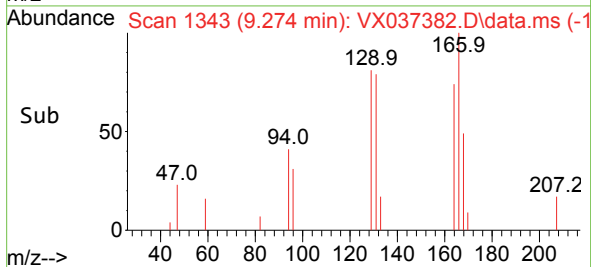
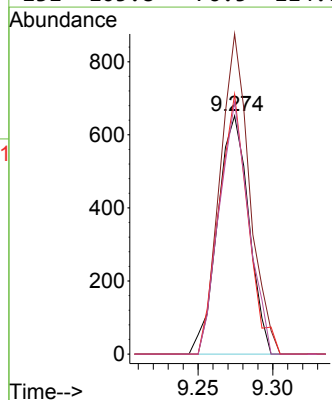
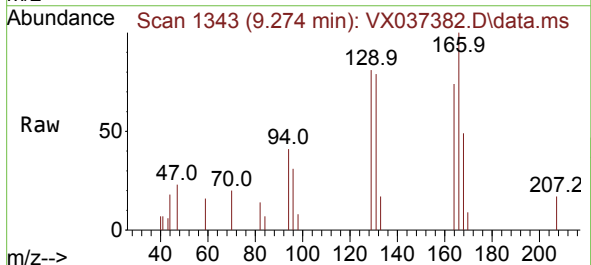
Instrument : MSVOA_X
ClientSampleId : TP-21(3-4)

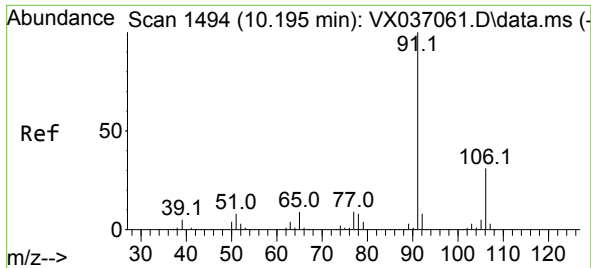
Tgt Ion:	117	Resp:	180945
Ion Ratio	Lower	Upper	
117	100		
82	56.6	46.2	69.4
119	32.8	25.5	38.3



#64
Tetrachloroethene
Concen: 0.719 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX037382.D
Acq: 30 Aug 2023 12:26

Tgt Ion:	164	Resp:	949
Ion Ratio	Lower	Upper	
164	100		
166	134.4	102.7	154.1
129	109.0	80.4	120.6
131	105.8	76.5	114.7

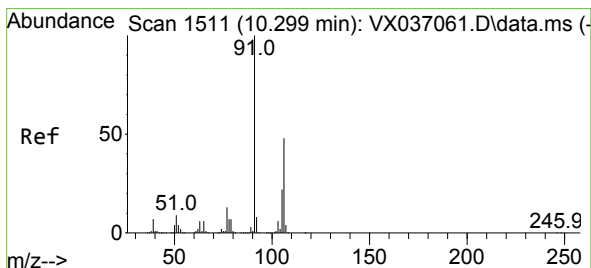
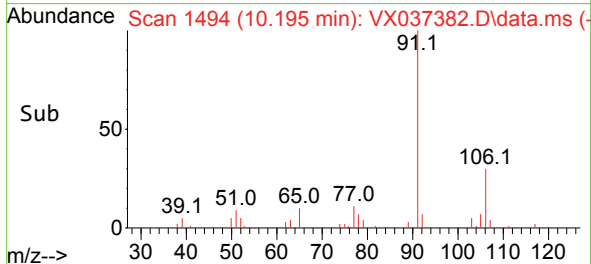
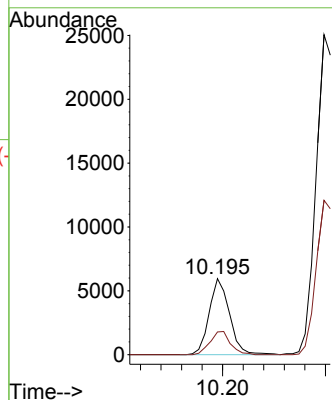
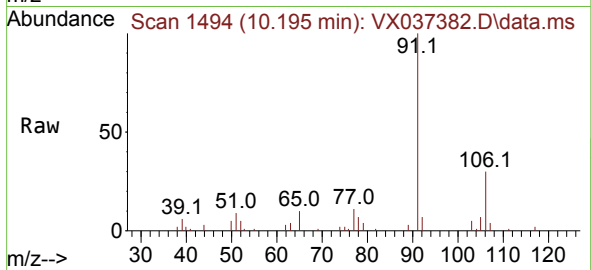




#67
Ethyl Benzene
Concen: 1.217 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX037382.D
Acq: 30 Aug 2023 12:26

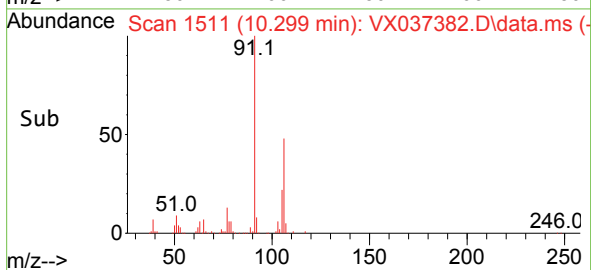
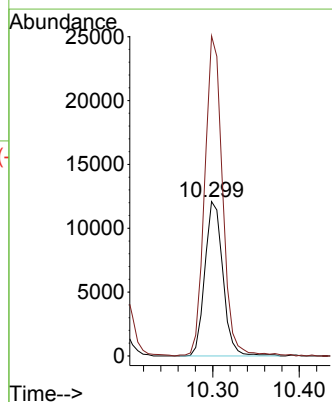
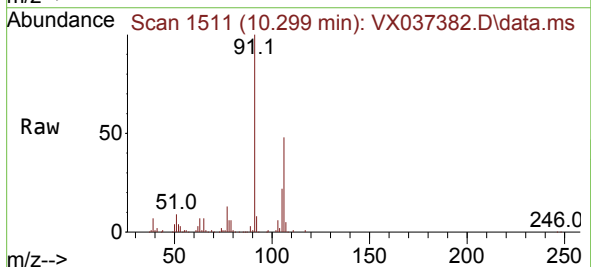
Instrument :
MSVOA_X
ClientSampleId :
TP-21(3-4)

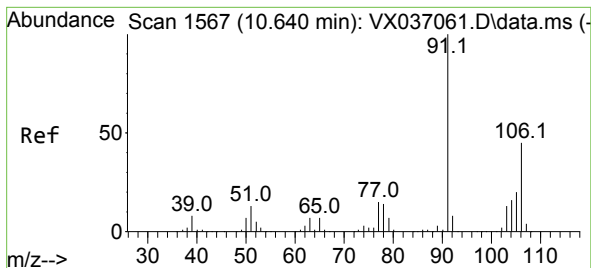
Tgt Ion: 91 Resp: 8192
Ion Ratio Lower Upper
91 100
106 29.9 24.9 37.3



#68
m/p-Xylenes
Concen: 6.718 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX037382.D
Acq: 30 Aug 2023 12:26

Tgt Ion: 106 Resp: 17458
Ion Ratio Lower Upper
106 100
91 205.7 165.5 248.3





#69

o-Xylene

Concen: 4.615 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX037382.D

Acq: 30 Aug 2023 12:26

Instrument :

MSVOA_X

ClientSampleId :

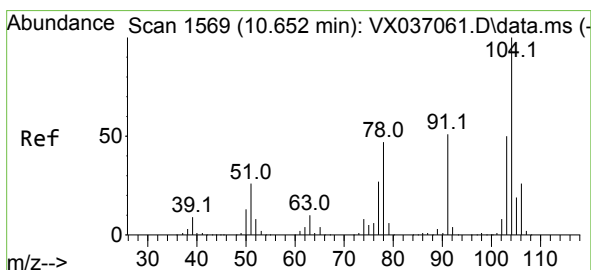
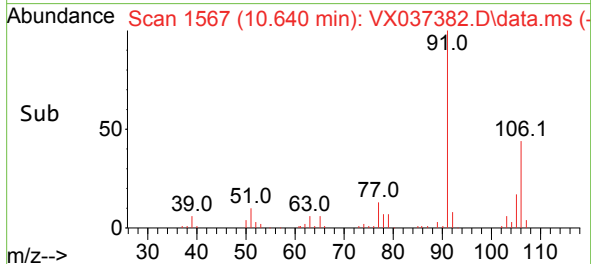
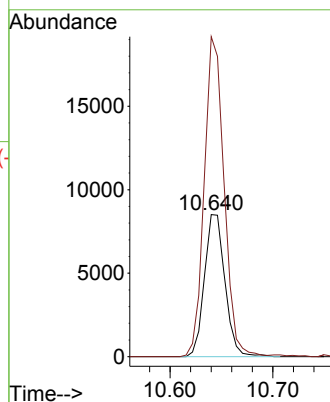
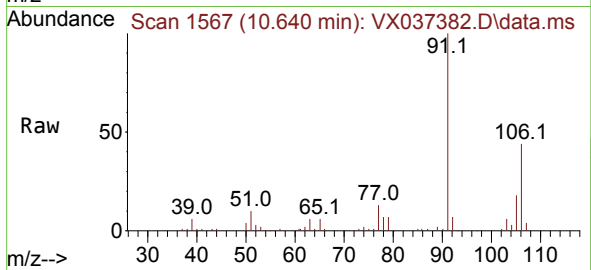
TP-21(3-4)

Tgt Ion:106 Resp: 11832

Ion Ratio Lower Upper

106 100

91 217.8 108.9 326.8



#70

Styrene

Concen: 0.308 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.012 min

Lab File: VX037382.D

Acq: 30 Aug 2023 12:26

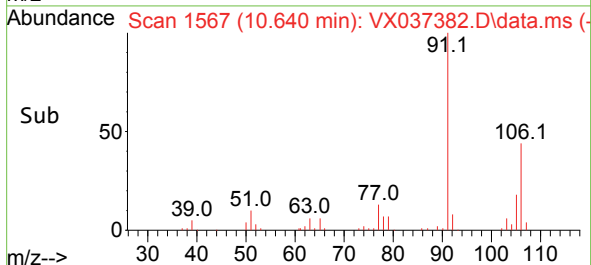
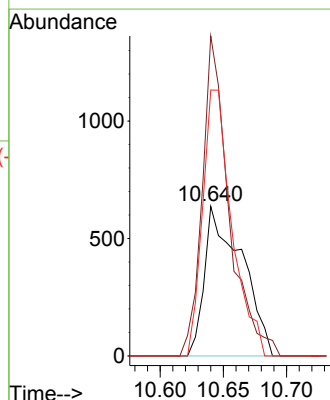
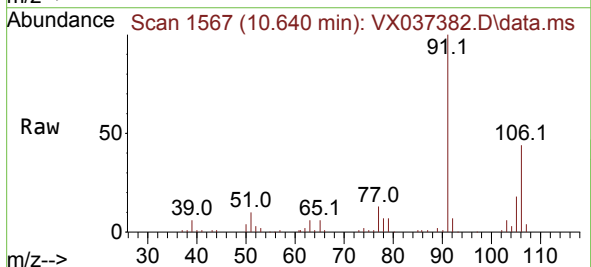
Tgt Ion:104 Resp: 1302

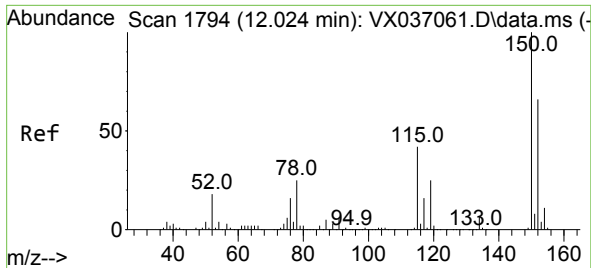
Ion Ratio Lower Upper

104 100

78 154.0 43.6 65.4#

103 139.9 43.6 65.4#

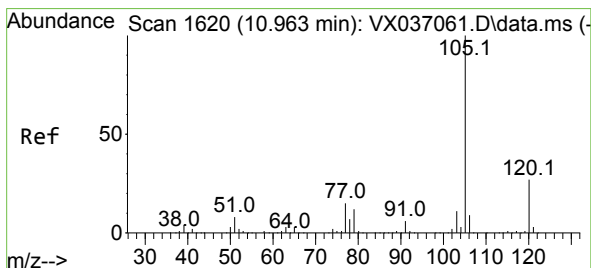
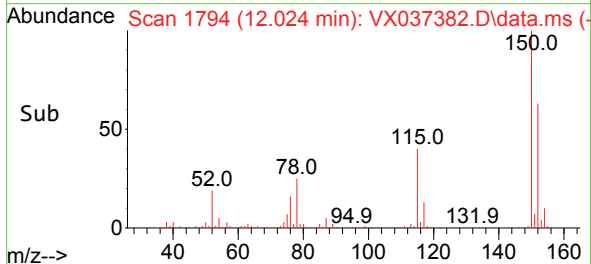
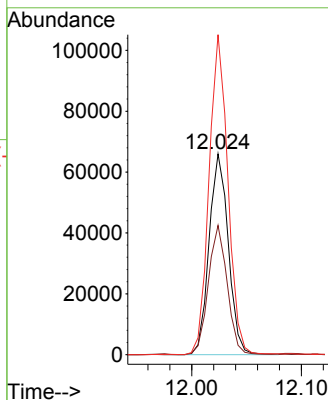
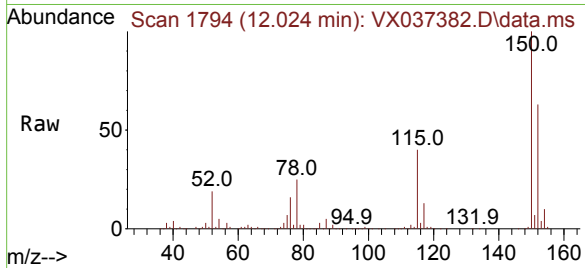




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037382.D
Acq: 30 Aug 2023 12:26

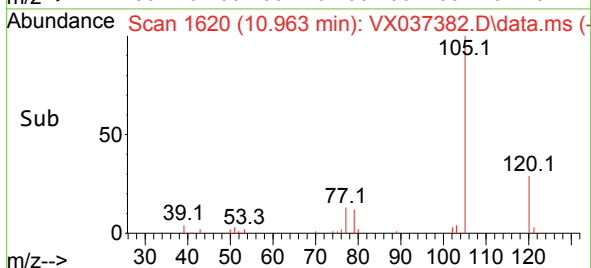
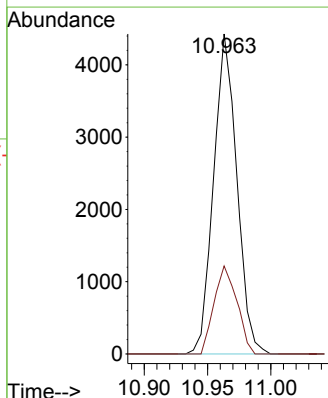
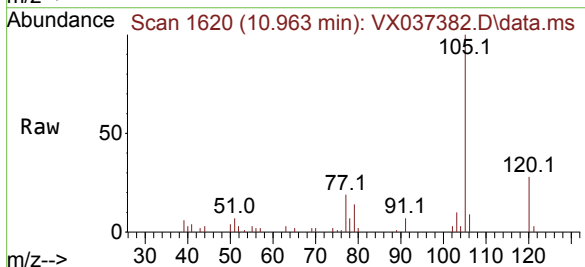
Instrument :
MSVOA_X
ClientSampleId :
TP-21(3-4)

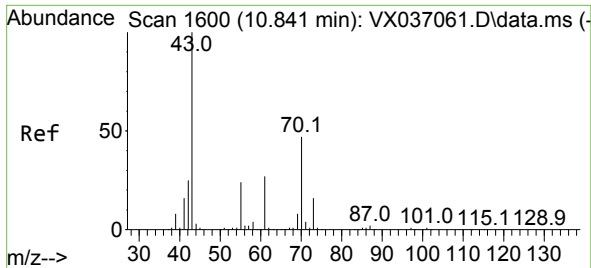
Tgt Ion:152 Resp: 80494
Ion Ratio Lower Upper
152 100
115 63.1 43.3 129.9
150 156.1 0.0 345.0



#73
Isopropylbenzene
Concen: 0.965 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX037382.D
Acq: 30 Aug 2023 12:26

Tgt Ion:105 Resp: 5648
Ion Ratio Lower Upper
105 100
120 27.0 12.9 38.6

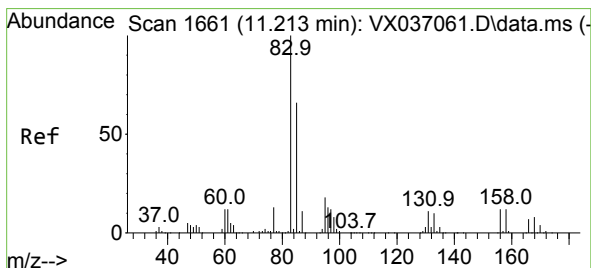
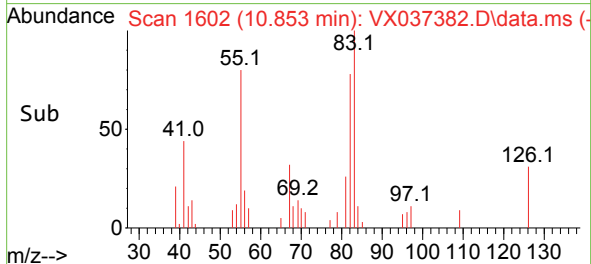
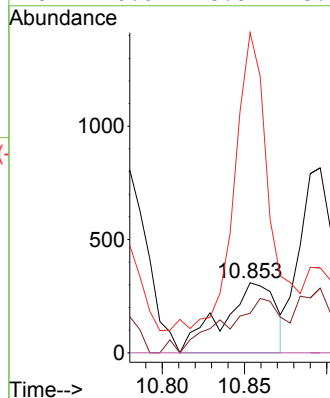
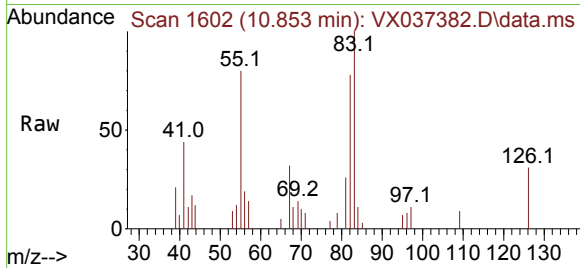




#74
N-amy1 acetate
Concen: 0.305 ug/l
RT: 10.853 min Scan# 1602
Delta R.T. 0.012 min
Lab File: VX037382.D
Acq: 30 Aug 2023 12:26

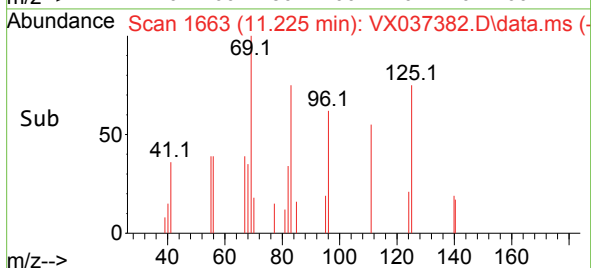
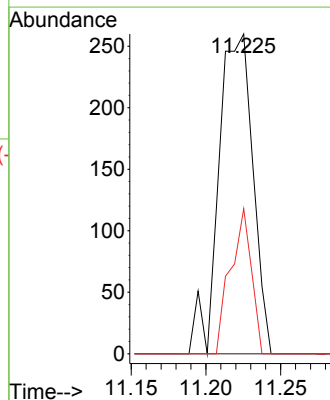
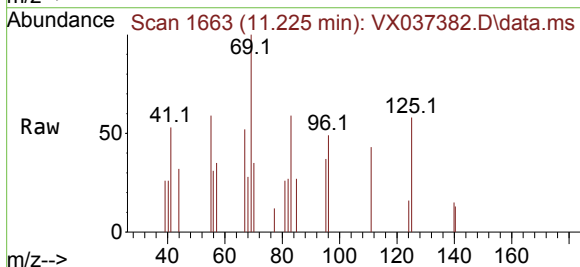
Instrument :
MSVOA_X
ClientSampleId :
TP-21(3-4)

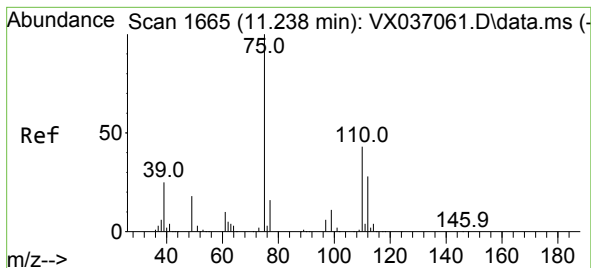
Tgt Ion: 43	Resp: 694
Ion Ratio	Lower Upper
43 100	
70 87.0	32.9 49.3#
55 276.7	19.3 28.9#
61 0.0	18.8 28.2#



#75
1,1,2,2-Tetrachloroethane
Concen: 0.210 ug/l
RT: 11.225 min Scan# 1663
Delta R.T. 0.012 min
Lab File: VX037382.D
Acq: 30 Aug 2023 12:26

Tgt Ion: 83	Resp: 413
Ion Ratio	Lower Upper
83 100	
131 0.0	5.3 15.8#
85 27.8	32.0 96.2#





#76

1,2,3-Trichloropropane

Concen: 24.814 ug/l

RT: 11.085 min Scan# 1

Delta R.T. -0.153 min

Lab File: VX037382.D

Acq: 30 Aug 2023 12:26

Instrument :

MSVOA_X

ClientSampleId :

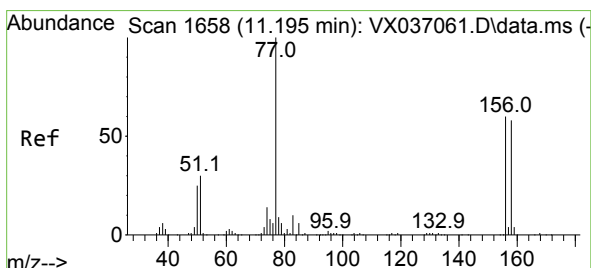
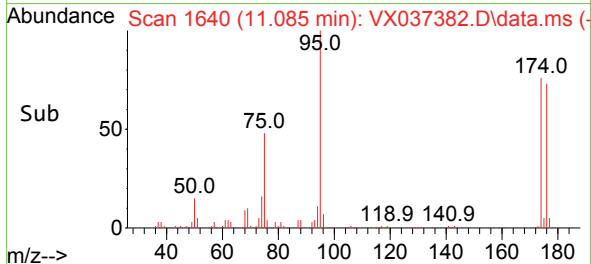
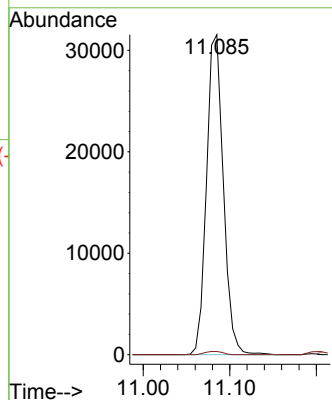
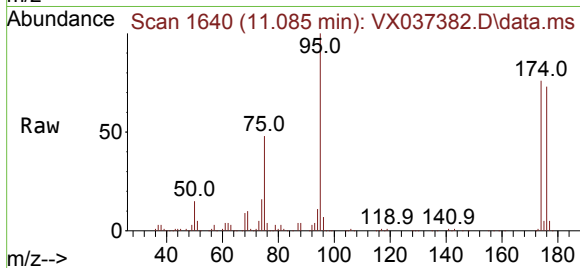
TP-21(3-4)

Tgt Ion: 75 Resp: 42537

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#77

Bromobenzene

Concen: 0.202 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX037382.D

Acq: 30 Aug 2023 12:26

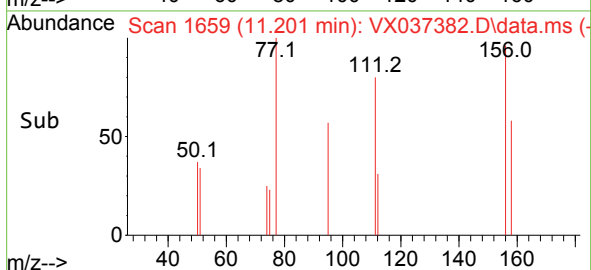
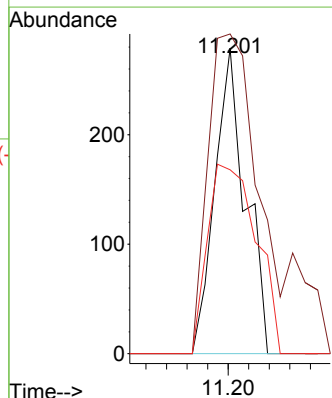
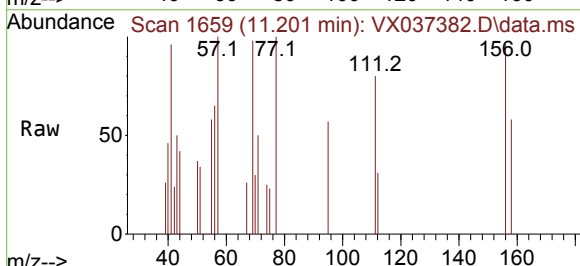
Tgt Ion:156 Resp: 289

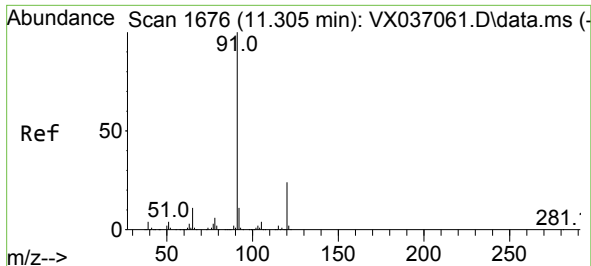
Ion Ratio Lower Upper

156 100

77 195.2 88.4 265.3

158 98.6 48.0 144.0

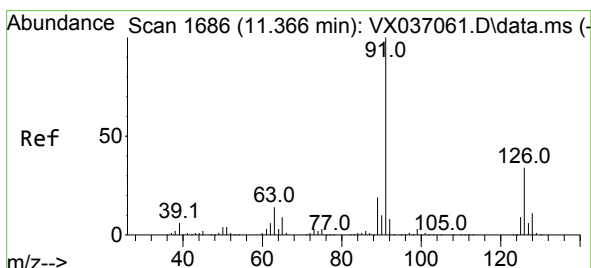
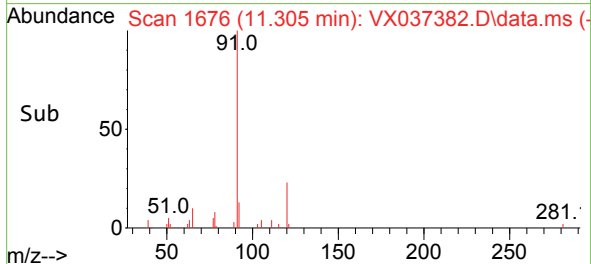
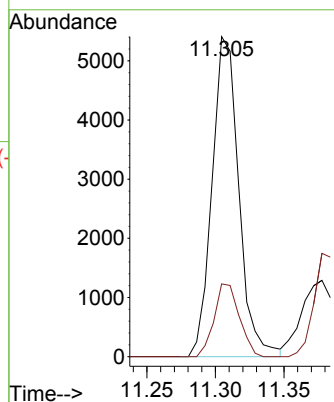
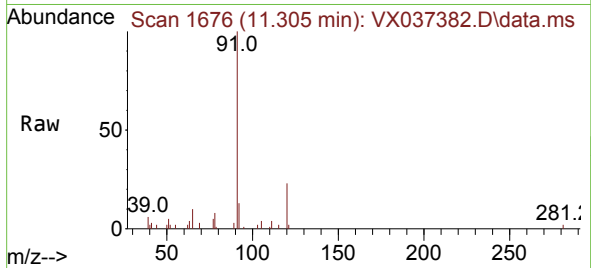




#78
n-propylbenzene
Concen: 1.127 ug/l
RT: 11.305 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037382.D
Acq: 30 Aug 2023 12:26

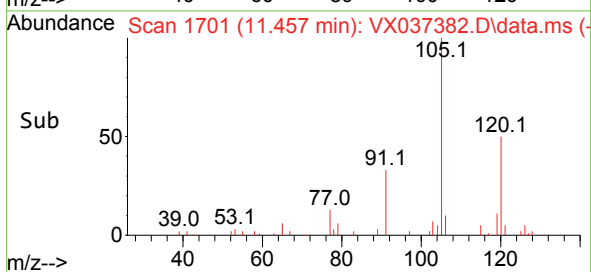
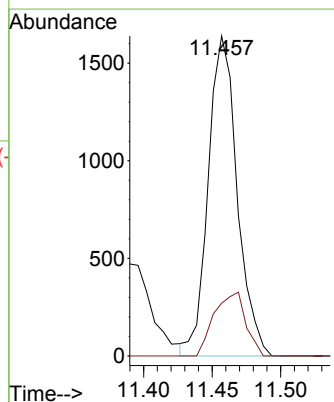
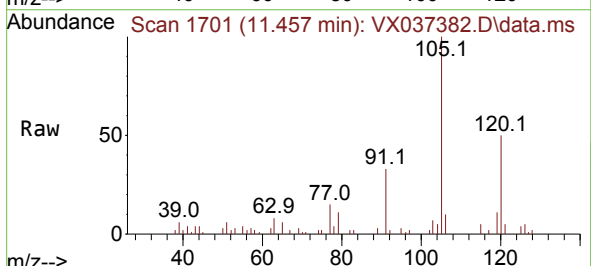
Instrument :
MSVOA_X
ClientSampleId :
TP-21(3-4)

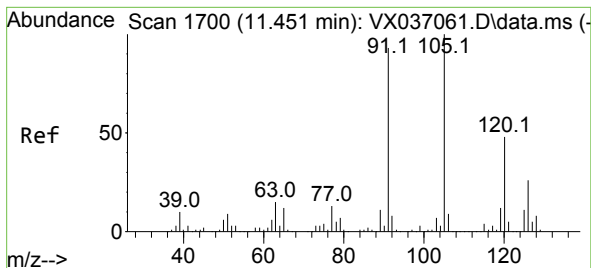
Tgt Ion: 91 Resp: 7339
Ion Ratio Lower Upper
91 100
120 21.4 11.5 34.4



#79
2-Chlorotoluene
Concen: 0.578 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.091 min
Lab File: VX037382.D
Acq: 30 Aug 2023 12:26

Tgt Ion: 91 Resp: 2407
Ion Ratio Lower Upper
91 100
126 21.6 16.3 48.8





#80

1,3,5-Trimethylbenzene

Concen: 1.434 ug/l

RT: 11.451 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX037382.D

Acq: 30 Aug 2023 12:26

Instrument :

MSVOA_X

ClientSampleId :

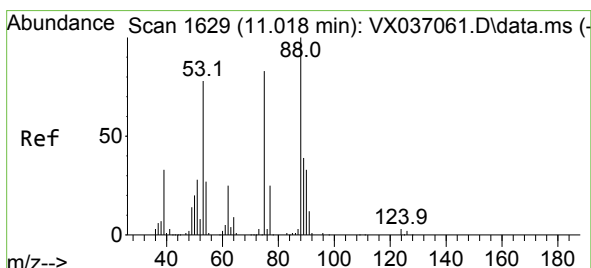
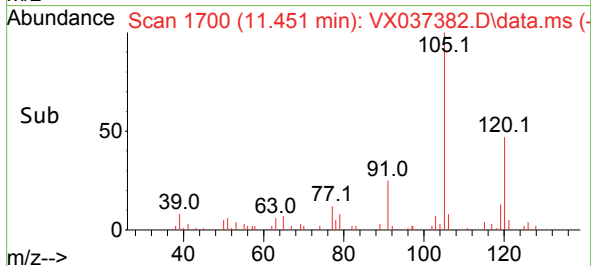
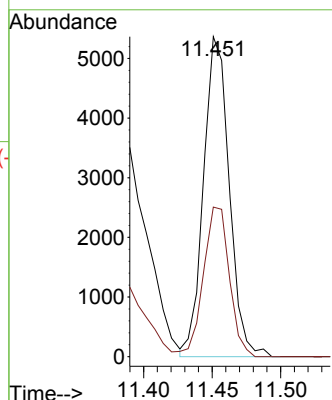
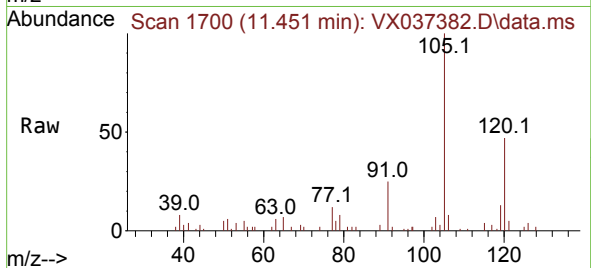
TP-21(3-4)

Tgt Ion:105 Resp: 6998

Ion Ratio Lower Upper

105 100

120 47.4 24.1 72.3



#81

trans-1,4-Dichloro-2-butene

Concen: 69.306 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.067 min

Lab File: VX037382.D

Acq: 30 Aug 2023 12:26

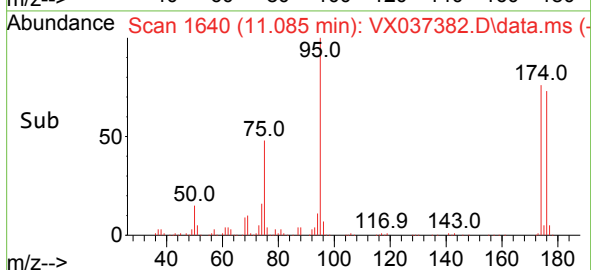
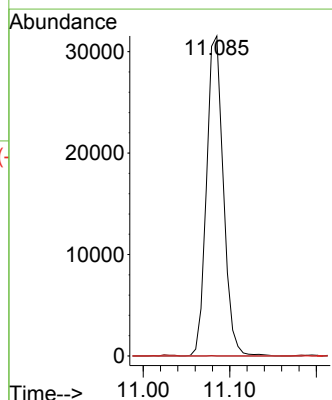
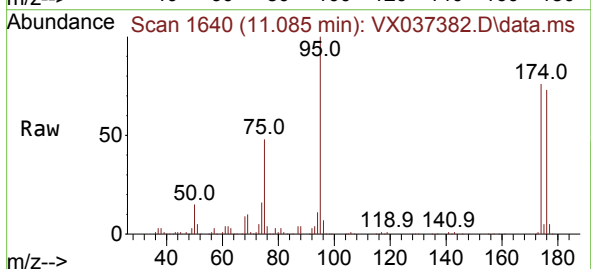
Tgt Ion: 75 Resp: 42537

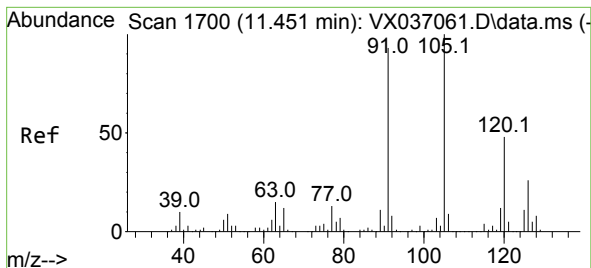
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#





#82

4-Chlorotoluene

Concen: 0.501 ug/l

RT: 11.457 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX037382.D

Acq: 30 Aug 2023 12:26

Instrument :

MSVOA_X

ClientSampleId :

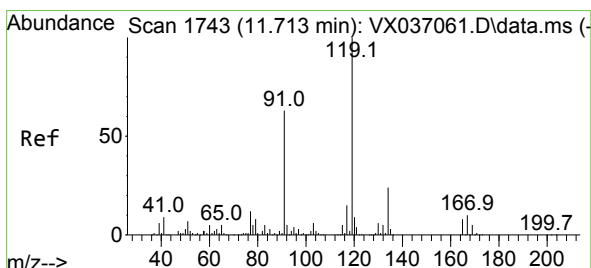
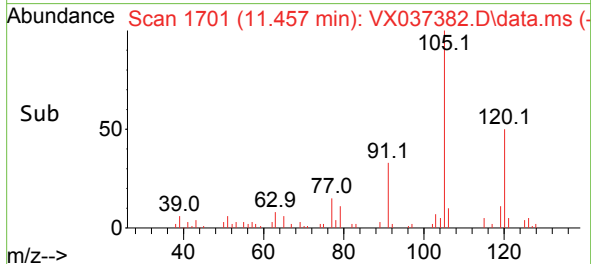
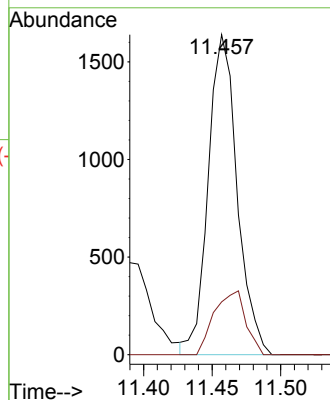
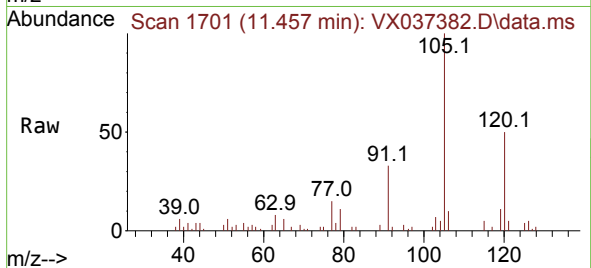
TP-21(3-4)

Tgt Ion: 91 Resp: 2407

Ion Ratio Lower Upper

91 100

126 21.6 14.2 42.6



#83

tert-Butylbenzene

Concen: 0.288 ug/l

RT: 11.719 min Scan# 1744

Delta R.T. 0.006 min

Lab File: VX037382.D

Acq: 30 Aug 2023 12:26

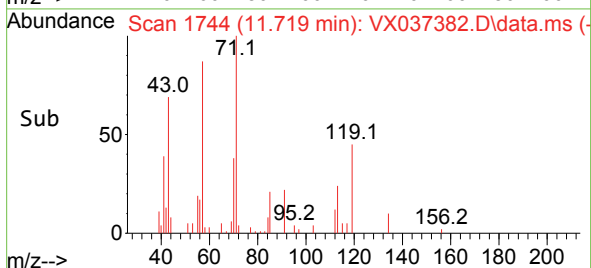
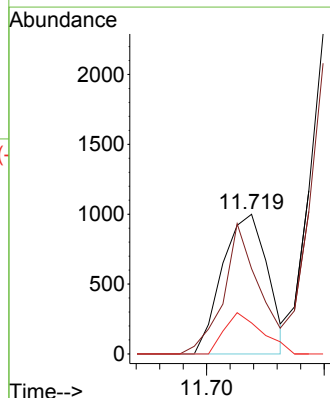
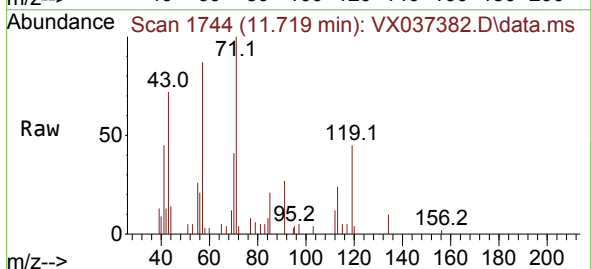
Tgt Ion: 119 Resp: 1340

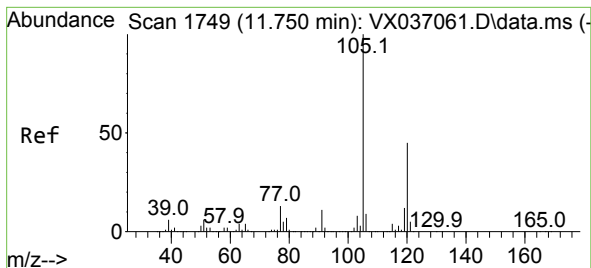
Ion Ratio Lower Upper

119 100

91 73.3 31.2 93.6

134 24.6 11.7 35.0





#84

1,2,4-Trimethylbenzene

Concen: 4.927 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VX037382.D

Acq: 30 Aug 2023 12:26

Instrument :

MSVOA_X

ClientSampleId :

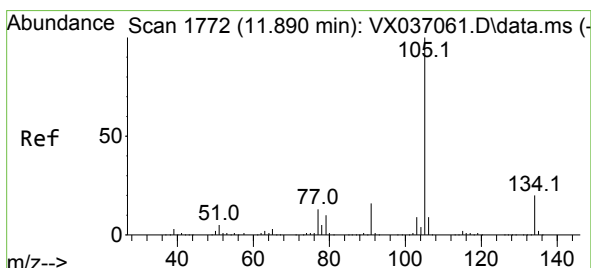
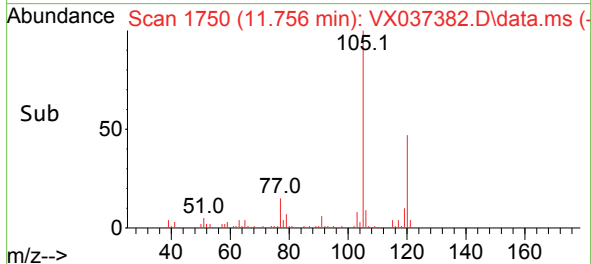
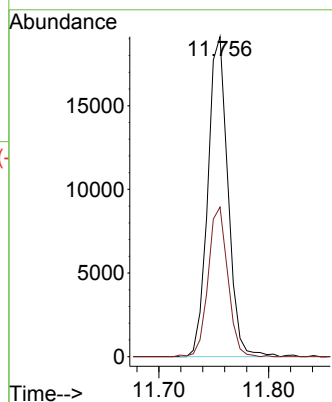
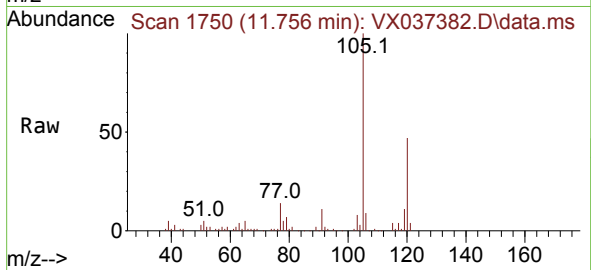
TP-21(3-4)

Tgt Ion:105 Resp: 24301

Ion Ratio Lower Upper

105 100

120 45.9 21.2 63.6



#85

sec-Butylbenzene

Concen: 0.835 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX037382.D

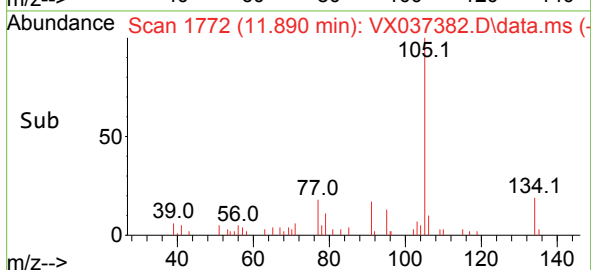
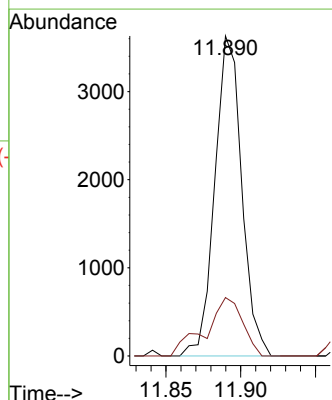
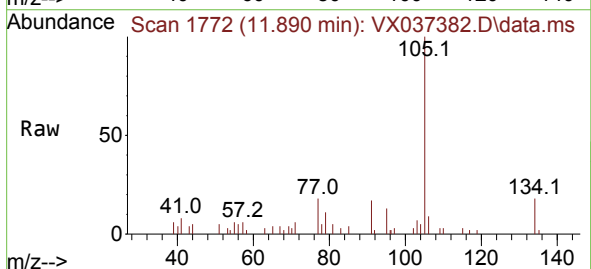
Acq: 30 Aug 2023 12:26

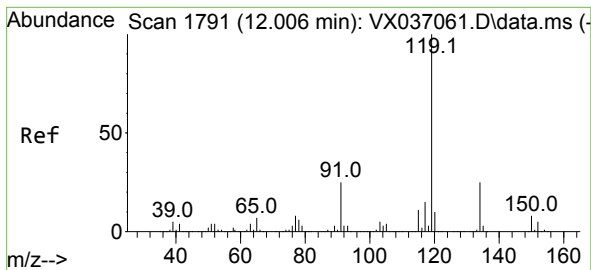
Tgt Ion:105 Resp: 4541

Ion Ratio Lower Upper

105 100

134 25.0 9.8 29.4





#86

p-Isopropyltoluene

Concen: 0.835 ug/l

RT: 12.012 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX037382.D

Acq: 30 Aug 2023 12:26

Instrument :

MSVOA_X

ClientSampleId :

TP-21(3-4)

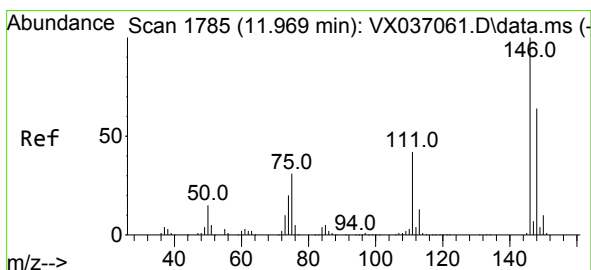
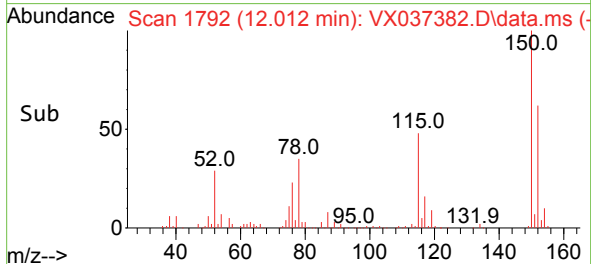
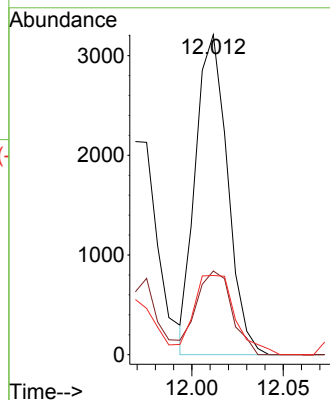
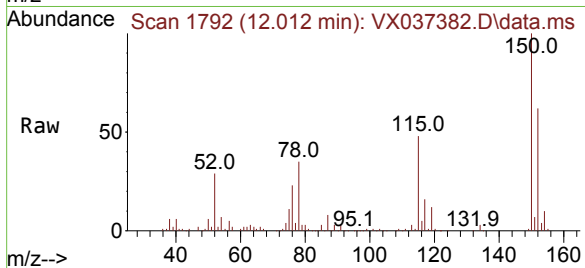
Tgt Ion:119 Resp: 3908

Ion Ratio Lower Upper

119 100

134 28.9 12.8 38.3

91 32.6 13.1 39.3



#87

1,3-Dichlorobenzene

Concen: 0.448 ug/l

RT: 11.975 min Scan# 1786

Delta R.T. 0.006 min

Lab File: VX037382.D

Acq: 30 Aug 2023 12:26

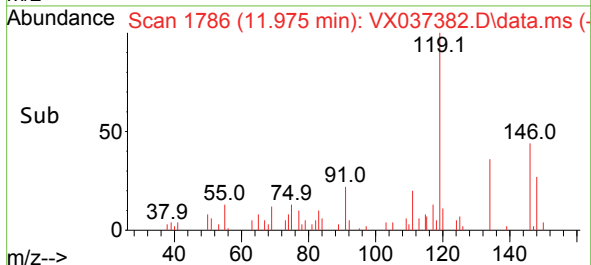
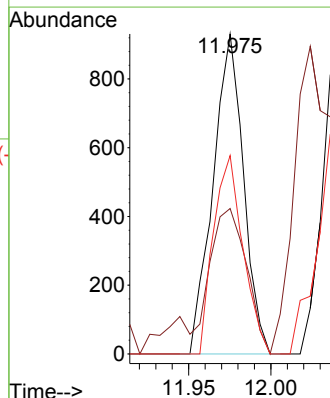
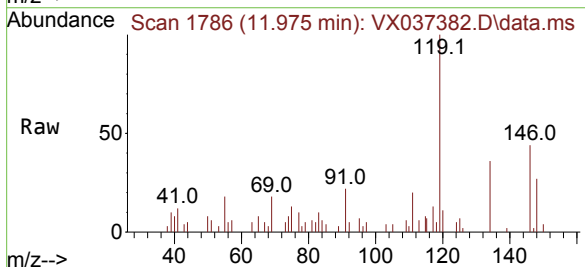
Tgt Ion:146 Resp: 1199

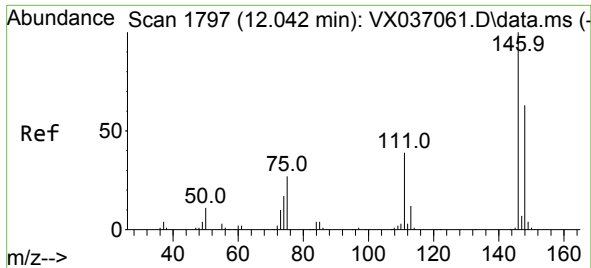
Ion Ratio Lower Upper

146 100

111 65.8 22.1 66.1

148 60.0 31.8 95.3

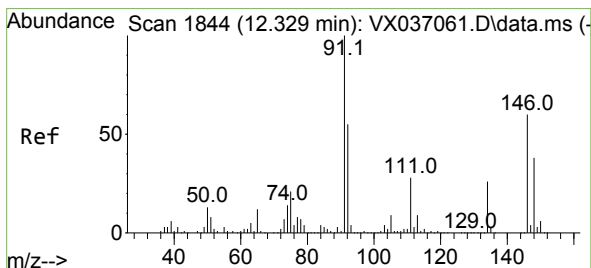
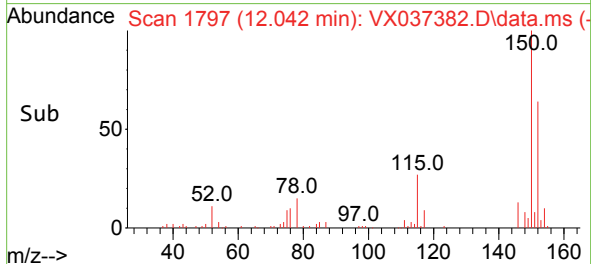
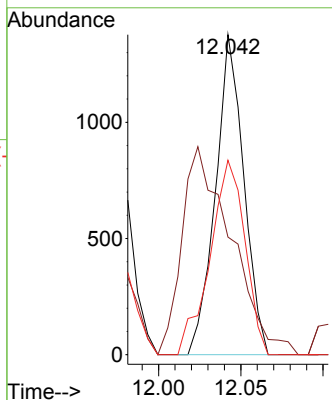
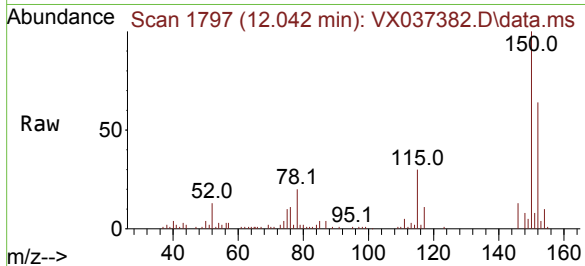




#88
1,4-Dichlorobenzene
Concen: 0.595 ug/l
RT: 12.042 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037382.D
Acq: 30 Aug 2023 12:26

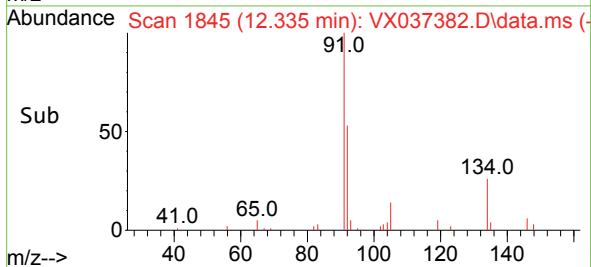
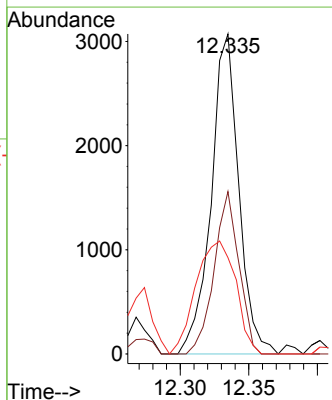
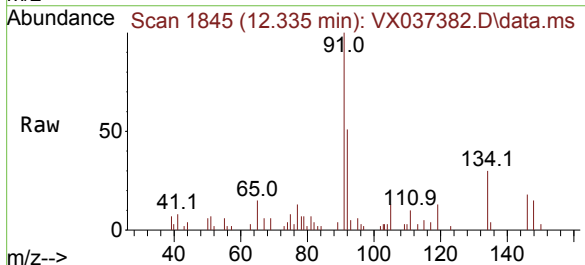
Instrument :
MSVOA_X
ClientSampleId :
TP-21(3-4)

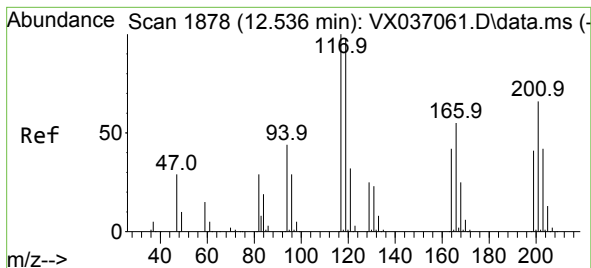
Tgt Ion:146 Resp: 1645
Ion Ratio Lower Upper
146 100
111 113.4 21.3 63.7#
148 75.3 31.8 95.4



#89
n-Butylbenzene
Concen: 1.112 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX037382.D
Acq: 30 Aug 2023 12:26

Tgt Ion: 91 Resp: 4314
Ion Ratio Lower Upper
91 100
92 45.4 27.4 82.0
134 50.6 12.6 37.8#





#90

Hexachloroethane

Concen: 1.169 ug/l

RT: 12.536 min Scan# 117

Delta R.T. -0.000 min

Lab File: VX037382.D

Acq: 30 Aug 2023 12:26

Instrument :

MSVOA_X

ClientSampleId :

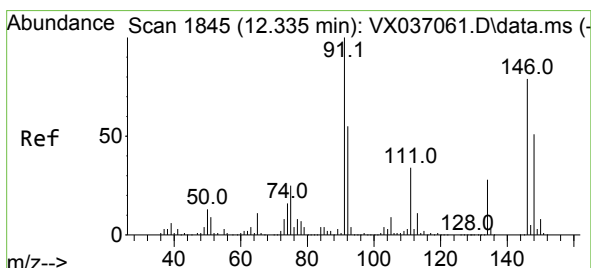
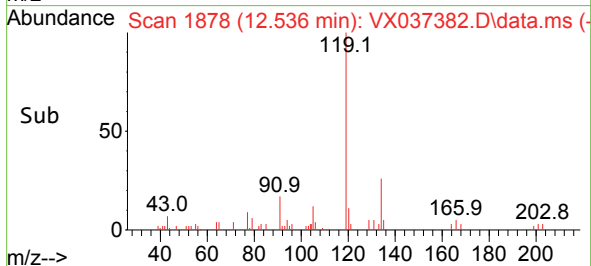
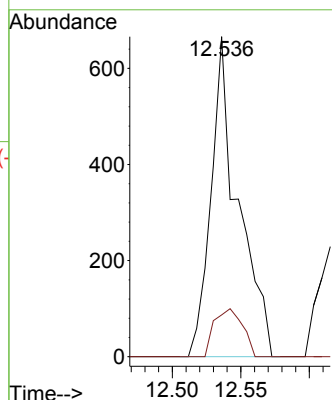
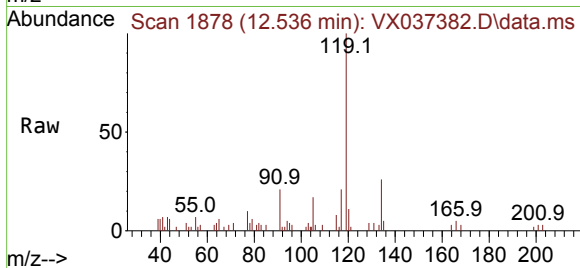
TP-21(3-4)

Tgt Ion:117 Resp: 913

Ion Ratio Lower Upper

117 100

201 15.7 32.9 98.6#



#91

1,2-Dichlorobenzene

Concen: 0.371 ug/l

RT: 12.341 min Scan# 1846

Delta R.T. 0.006 min

Lab File: VX037382.D

Acq: 30 Aug 2023 12:26

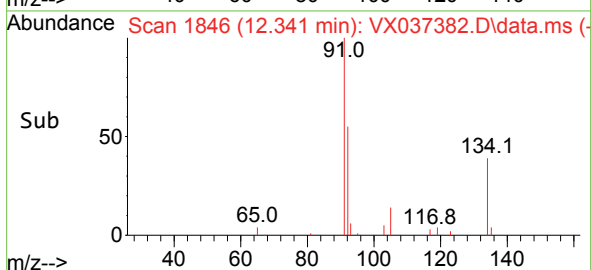
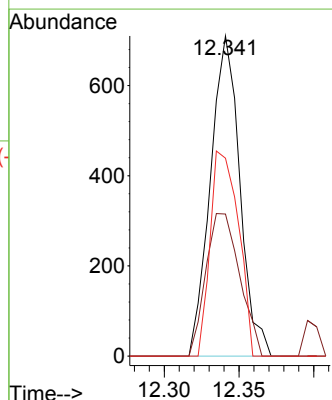
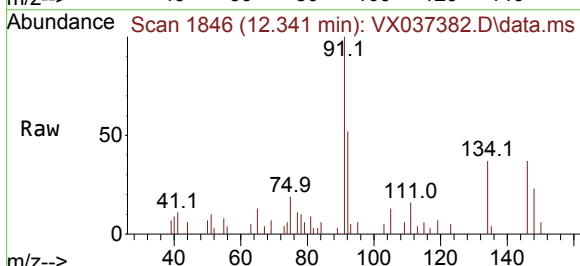
Tgt Ion:146 Resp: 971

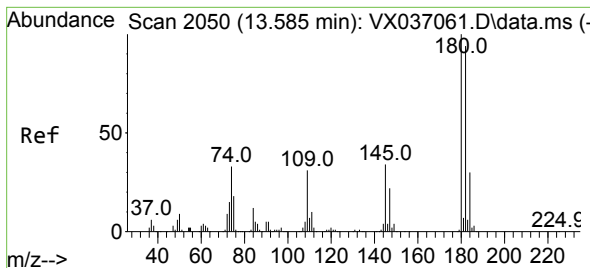
Ion Ratio Lower Upper

146 100

111 51.4 22.4 67.0

148 61.4 31.6 95.0





#93

1,2,4-Trichlorobenzene

Concen: 0.999 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX037382.D

Acq: 30 Aug 2023 12:26

Instrument :

MSVOA_X

ClientSampleId :

TP-21(3-4)

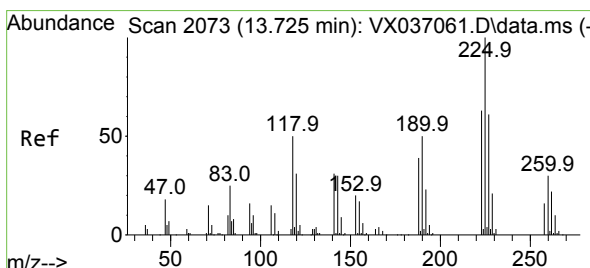
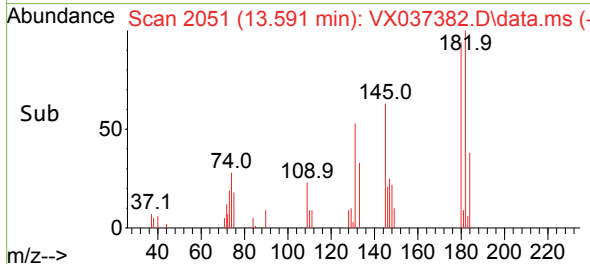
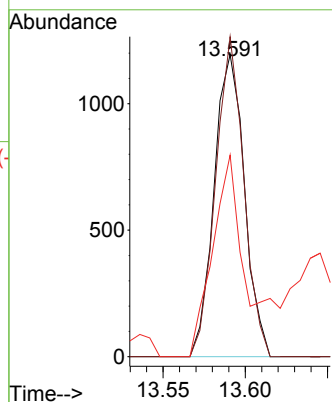
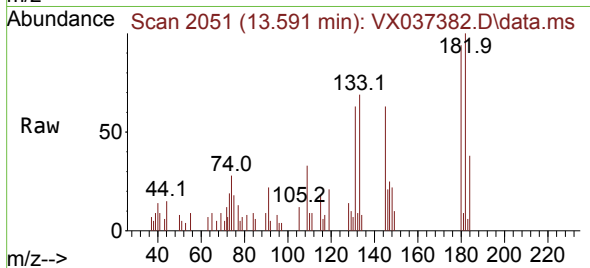
Tgt Ion:180 Resp: 1531

Ion Ratio Lower Upper

180 100

182 98.3 48.3 144.8

145 66.4 18.0 54.0#



#94

Hexachlorobutadiene

Concen: 0.919 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX037382.D

Acq: 30 Aug 2023 12:26

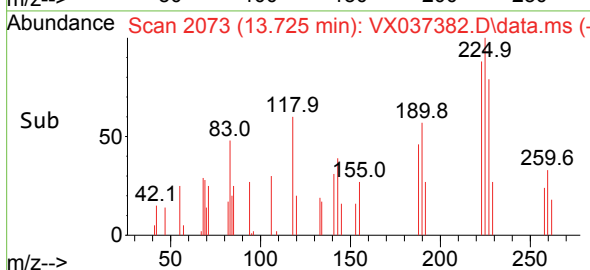
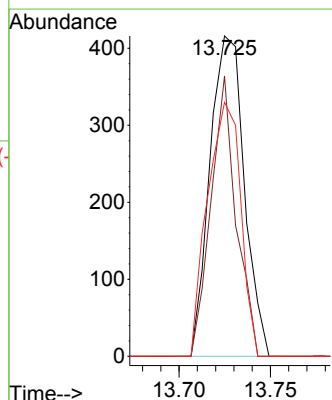
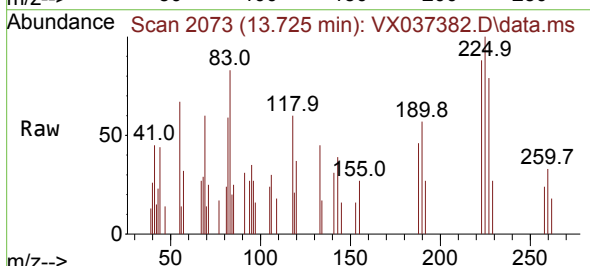
Tgt Ion:225 Resp: 544

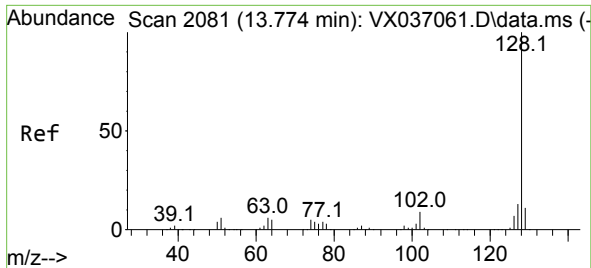
Ion Ratio Lower Upper

225 100

223 64.2 31.1 93.2

227 76.3 32.5 97.5

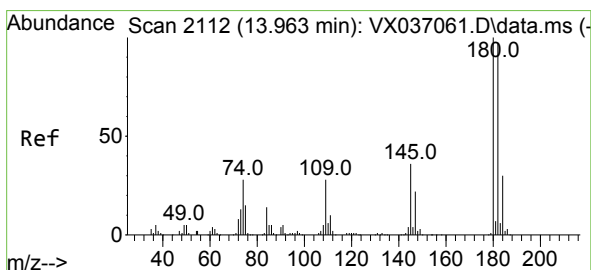
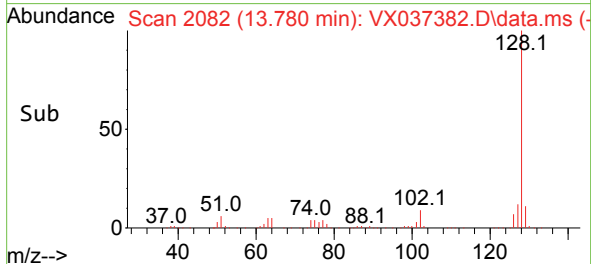
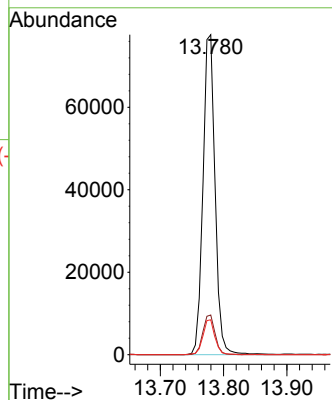
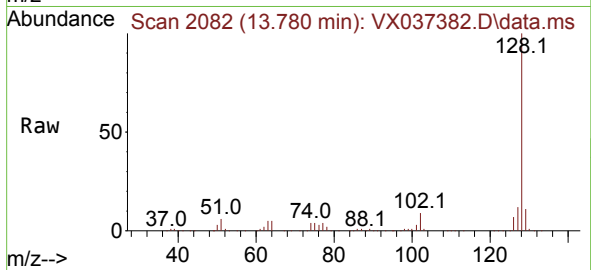




#95
Naphthalene
Concen: 15.417 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX037382.D
Acq: 30 Aug 2023 12:26

Instrument :
MSVOA_X
ClientSampleId :
TP-21(3-4)

Tgt Ion:128 Resp: 103512
Ion Ratio Lower Upper
128 100
127 12.5 10.3 15.5
129 10.8 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 1.085 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.006 min
Lab File: VX037382.D
Acq: 30 Aug 2023 12:26

Tgt Ion:180 Resp: 1652
Ion Ratio Lower Upper
180 100
182 87.6 46.9 140.6
145 57.4 17.8 53.5#

