

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013123\
 Data File : VX033966.D
 Acq On : 31 Jan 2023 13:08
 Operator : JC/MD
 Sample : 01358-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 JPP-11-012723

Quant Time: Feb 01 02:10:09 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)

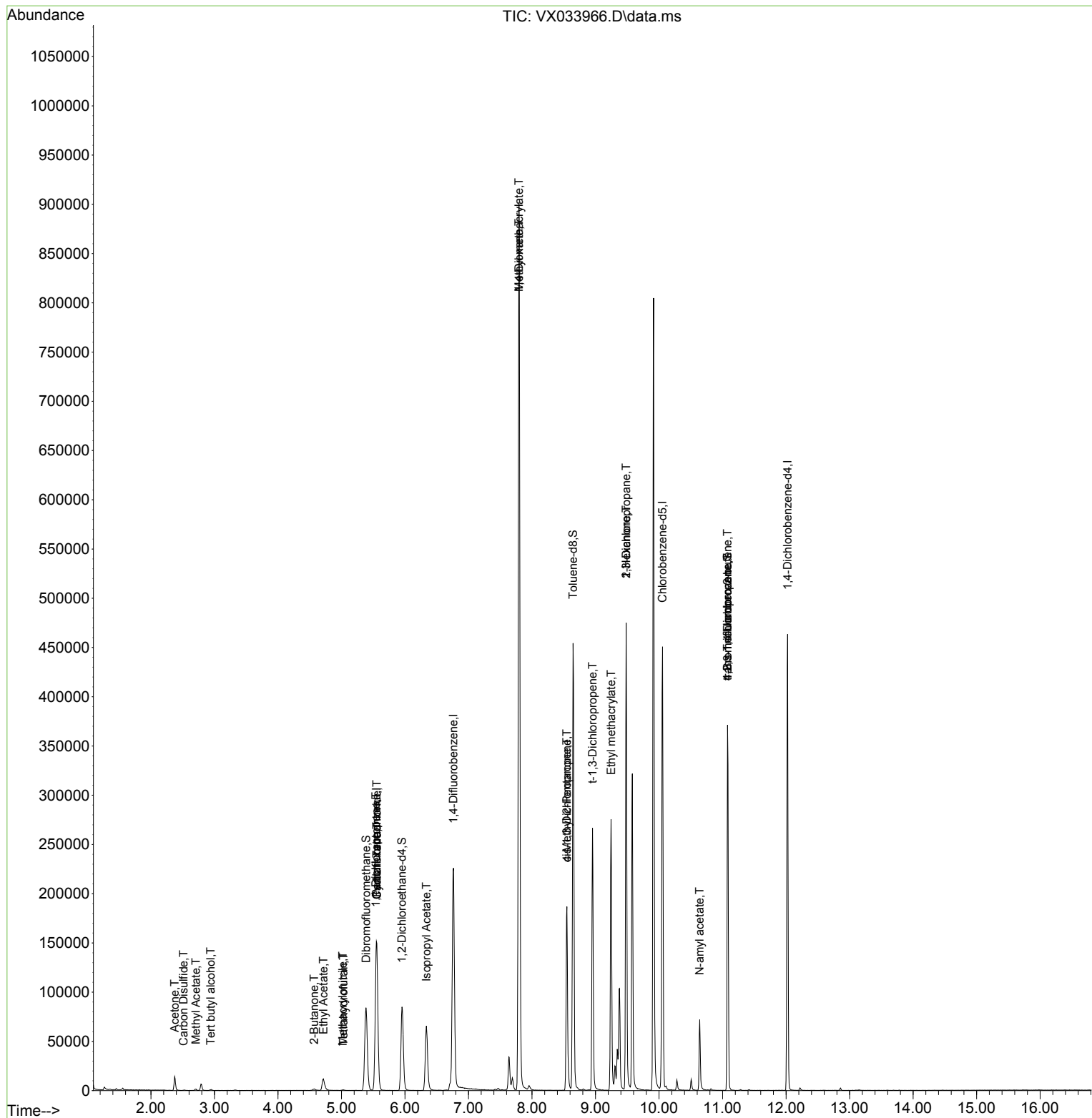
Internal Standards						
1) Pentafluorobenzene	5.550	168	168380	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	242189	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	214797	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	108476	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	80184	45.228	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.460%
35) Dibromofluoromethane	5.385	113	74699	49.671	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.340%
50) Toluene-d8	8.647	98	276983	50.550	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.100%
62) 4-Bromofluorobenzene	11.079	95	97442	47.898	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.800%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.940	59	612	1.987	ug/l #	86
16) Acetone	2.373	43	14851	11.217	ug/l	97
17) Carbon Disulfide	2.514	76	138	1.861	ug/l #	76
18) Methyl Acetate	2.709	43	1806	0.730	ug/l	93
20) Methylene Chloride	2.788	84	3241	Below Cal		91
25) 2-Butanone	4.568	43	2467	2.130	ug/l #	81
29) Tetrahydrofuran	5.031	42	547	0.749	ug/l #	61
31) Cyclohexane	5.556	56	2616	1.003	ug/l #	1
36) 1,1-Dichloropropene	5.543	75	10029	4.569	ug/l #	49
37) Ethyl Acetate	4.714	43	21453	7.834	ug/l	99
38) Carbon Tetrachloride	5.556	117	14284	6.284	ug/l #	15
41) Methacrylonitrile	5.019	41	294	0.243	ug/l #	35
43) Isopropyl Acetate	6.336	43	90808	26.208	ug/l	99
48) Methyl methacrylate	7.793	41	77281	44.276	ug/l #	43
49) 1,4-Dioxane	7.793	88	126	3.264	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	66546	31.272	ug/l #	50
53) t-1,3-Dichloropropene	8.951	75	618	0.286	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	32166	13.306	ug/l #	61
56) Ethyl methacrylate	9.244	69	556	0.242	ug/l #	1
57) 1,3-Dichloropropane	9.482	76	4209	1.587	ug/l #	43
59) 2-Hexanone	9.482	43	57205	38.623	ug/l #	50
73) Isopropylbenzene	11.079	105	123	Below Cal	#	48
74) N-amyl acetate	10.640	43	19485	6.840	ug/l #	51
75) 1,1,2,2-Tetrachloroethane	11.079	83	48	Below Cal	#	1
76) 1,2,3-Trichloropropane	11.079	75	44538	22.346	ug/l #	34
79) 2-Chlorotoluene	11.311	91	37	Below Cal	#	39
81) trans-1,4-Dichloro-2-b...	11.079	75	44538	69.450	ug/l #	8
82) 4-Chlorotoluene	11.457	91	74	Below Cal	#	43

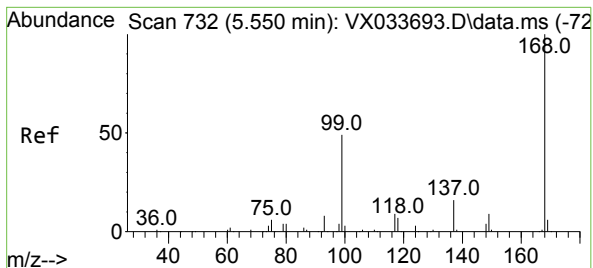
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013123\
Data File : VX033966.D
Acq On : 31 Jan 2023 13:08
Operator : JC/MD
Sample : 01358-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
JPP-11-012723

Quant Time: Feb 01 02:10:09 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.000 min

Lab File: VX033966.D

Acq: 31 Jan 2023 13:08

Instrument :

MSVOA_X

ClientSampleId :

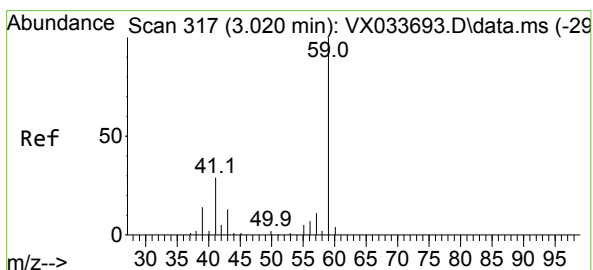
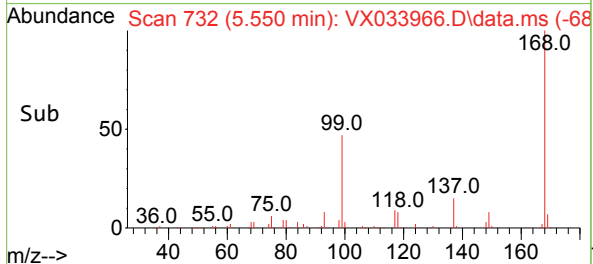
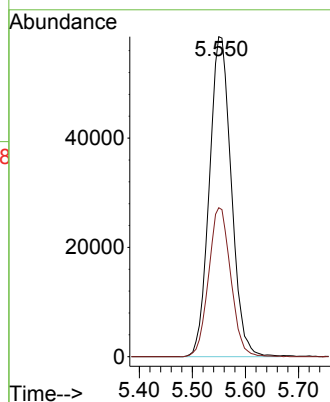
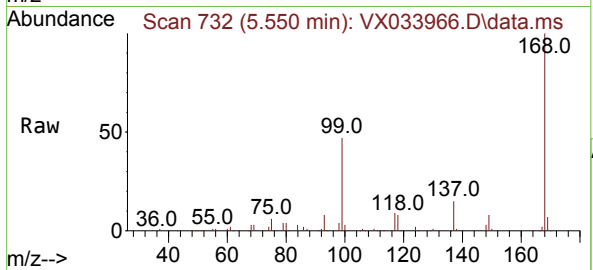
JPP-11-012723

Tgt Ion:168 Resp: 168380

Ion Ratio Lower Upper

168 100

99 46.6 39.6 59.4



#11

Tert butyl alcohol

Concen: 1.987 ug/l

RT: 2.940 min Scan# 304

Delta R.T. -0.080 min

Lab File: VX033966.D

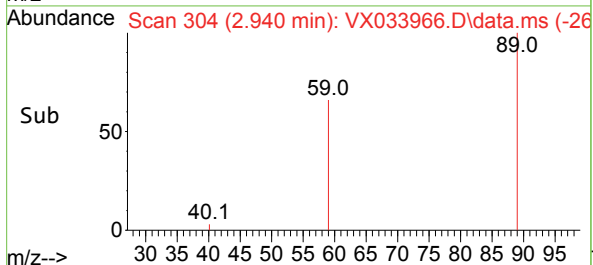
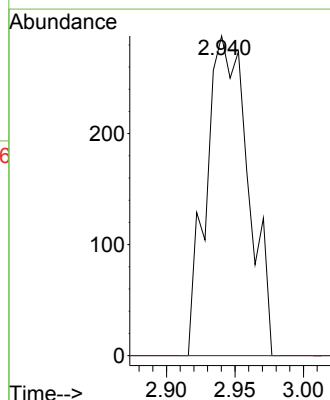
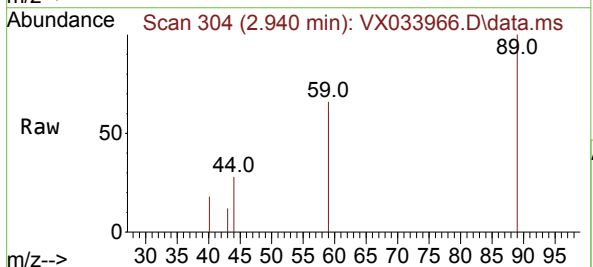
Acq: 31 Jan 2023 13:08

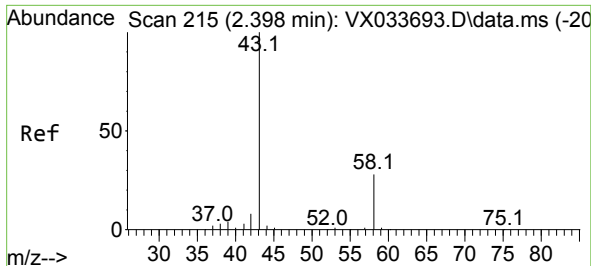
Tgt Ion: 59 Resp: 612

Ion Ratio Lower Upper

59 100

57 0.0 3.7 5.5#

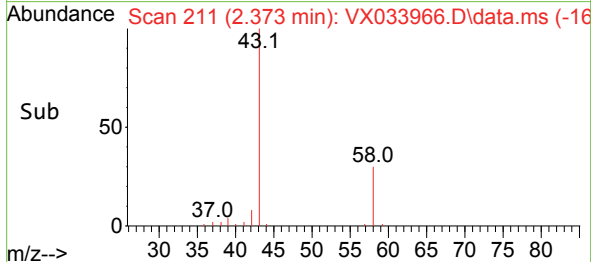
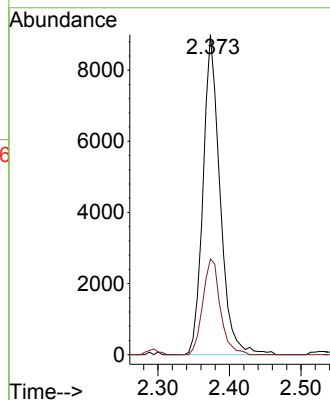
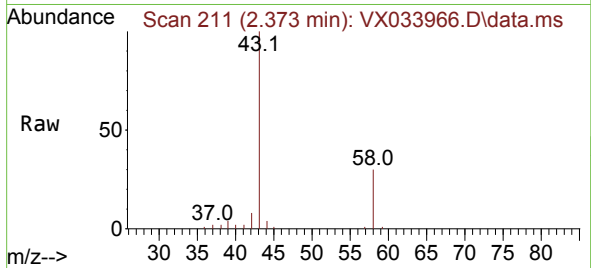




#16
Acetone
Concen: 11.217 ug/l
RT: 2.373 min Scan# 215
Delta R.T. -0.025 min
Lab File: VX033966.D
Acq: 31 Jan 2023 13:08

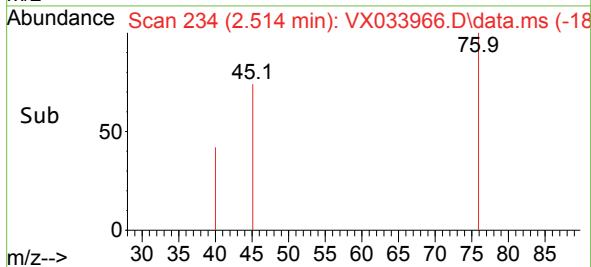
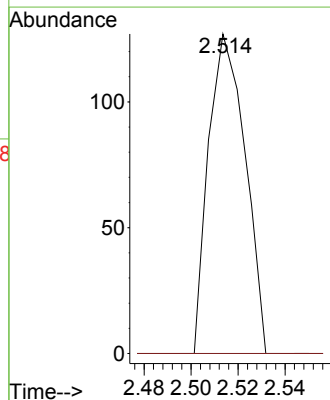
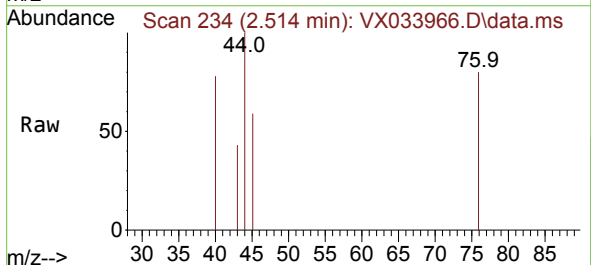
Instrument :
MSVOA_X
ClientSampleId :
JPP-11-012723

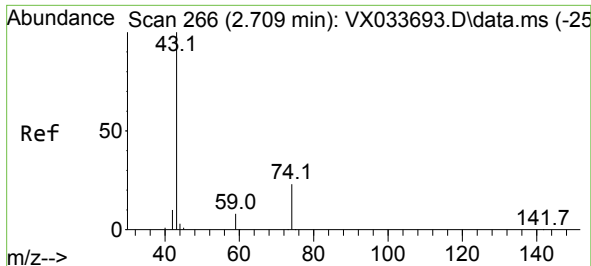
Tgt Ion: 43 Resp: 14851
Ion Ratio Lower Upper
43 100
58 30.0 22.6 33.8



#17
Carbon Disulfide
Concen: 1.861 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX033966.D
Acq: 31 Jan 2023 13:08

Tgt Ion: 76 Resp: 138
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#

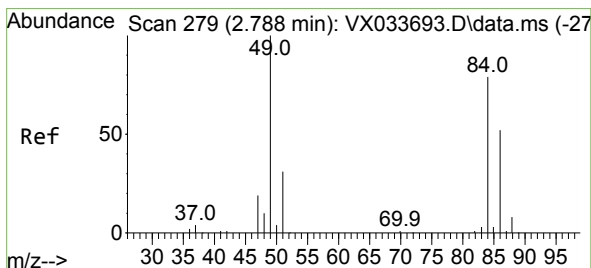
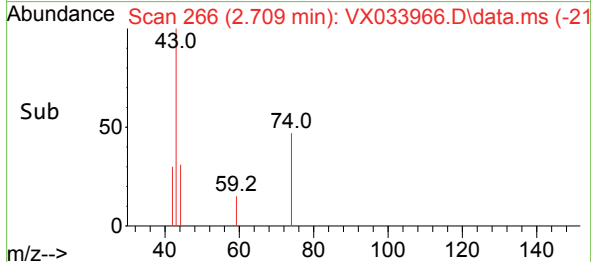
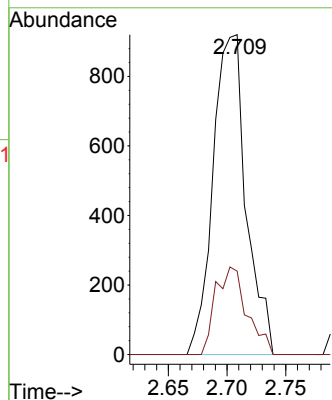
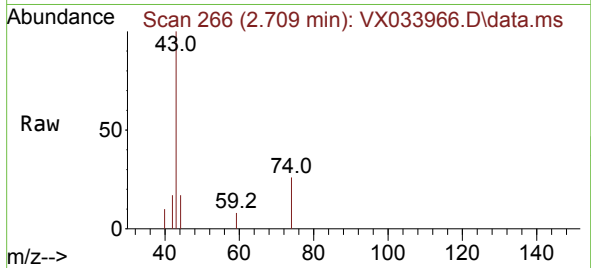




#18
Methyl Acetate
Concen: 0.730 ug/l
RT: 2.709 min Scan# 218
Delta R.T. -0.000 min
Lab File: VX033966.D
Acq: 31 Jan 2023 13:08

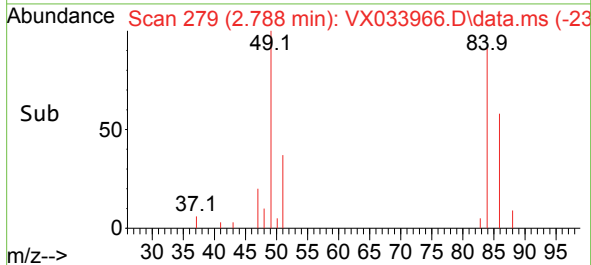
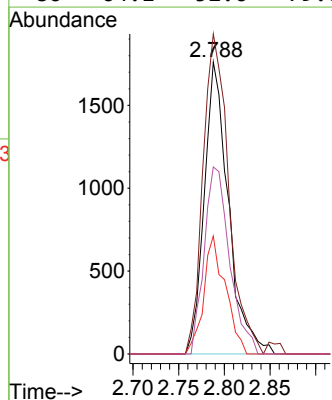
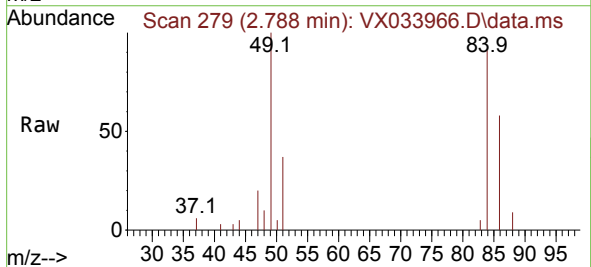
Instrument :
MSVOA_X
ClientSampleId :
JPP-11-012723

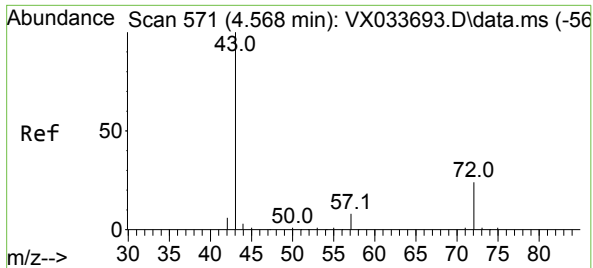
Tgt Ion: 43 Resp: 1806
Ion Ratio Lower Upper
43 100
74 26.0 18.2 27.4



#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX033966.D
Acq: 31 Jan 2023 13:08

Tgt Ion: 84 Resp: 3241
Ion Ratio Lower Upper
84 100
49 109.6 101.1 151.7
51 40.4 31.0 46.6
86 64.1 52.6 79.0

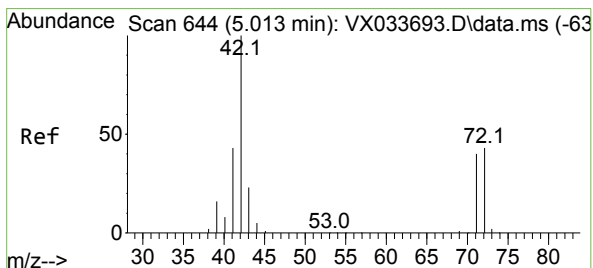
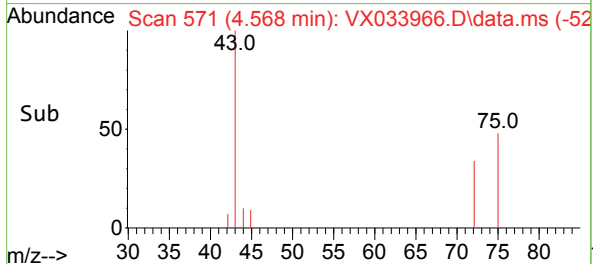
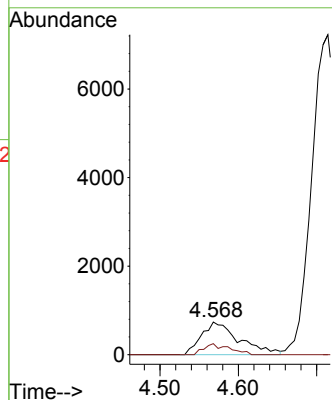
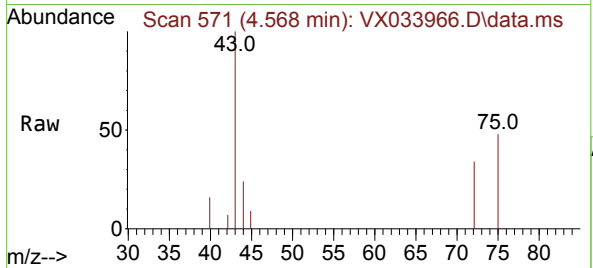




#25
2-Butanone
Concen: 2.130 ug/l
RT: 4.568 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX033966.D
Acq: 31 Jan 2023 13:08

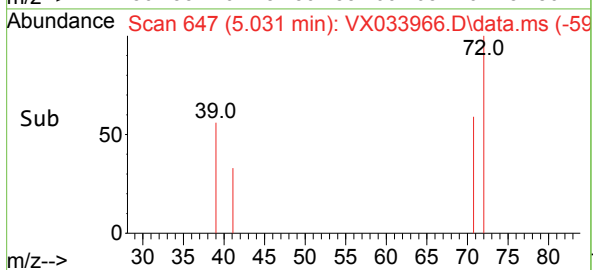
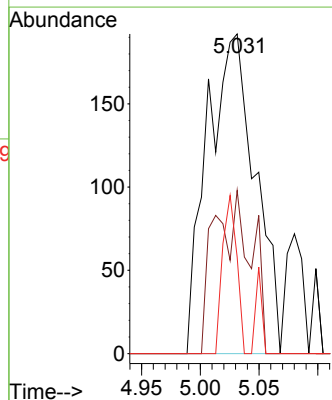
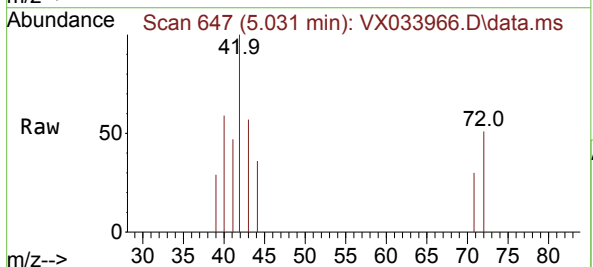
Instrument :
MSVOA_X
ClientSampleId :
JPP-11-012723

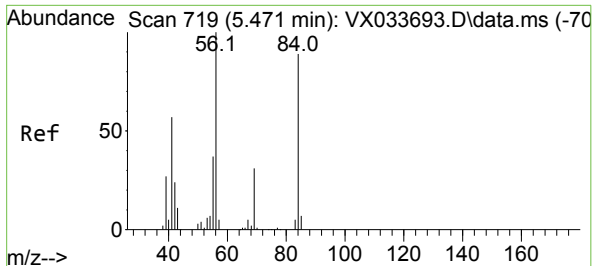
Tgt Ion: 43 Resp: 2467
Ion Ratio Lower Upper
43 100
72 33.7 19.4 29.2#



#29
Tetrahydrofuran
Concen: 0.749 ug/l
RT: 5.031 min Scan# 647
Delta R.T. 0.018 min
Lab File: VX033966.D
Acq: 31 Jan 2023 13:08

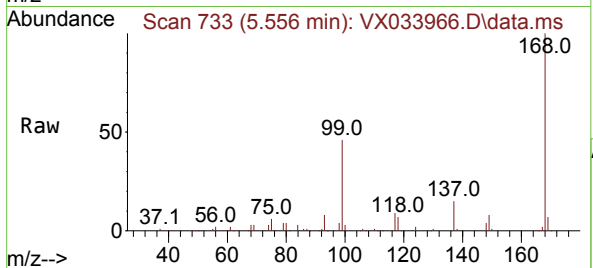
Tgt Ion: 42 Resp: 547
Ion Ratio Lower Upper
42 100
72 19.6 34.8 52.2#
71 14.6 32.2 48.2#



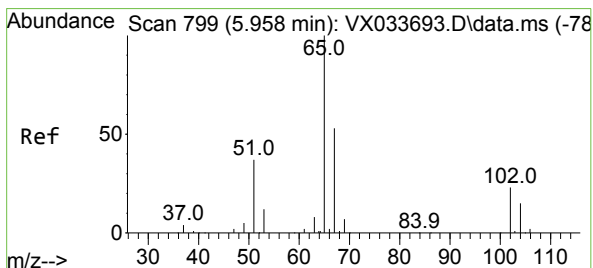
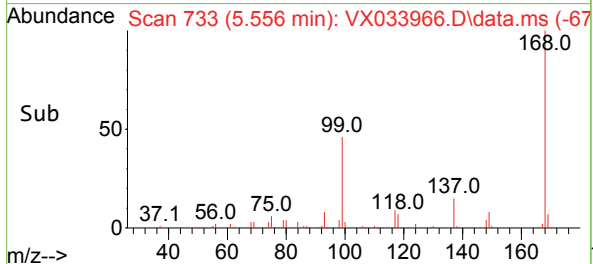
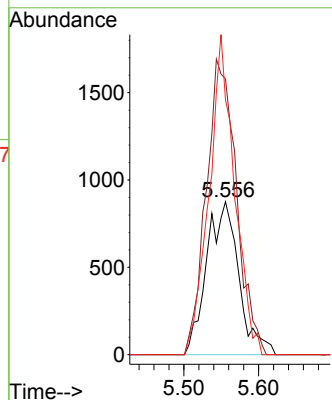


#31
Cyclohexane
Concen: 1.003 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX033966.D
Acq: 31 Jan 2023 13:08

Instrument :
MSVOA_X
ClientSampleId :
JPP-11-012723

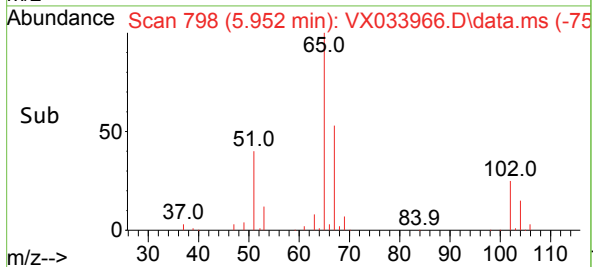
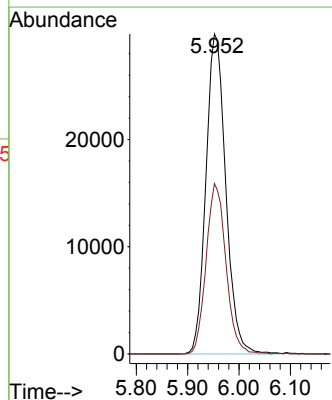
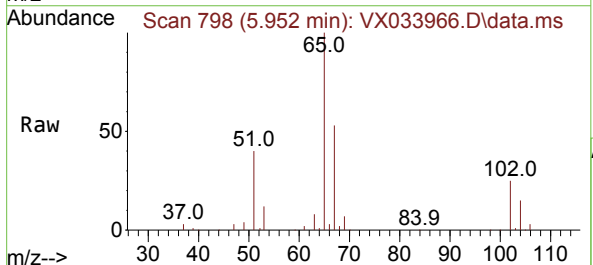


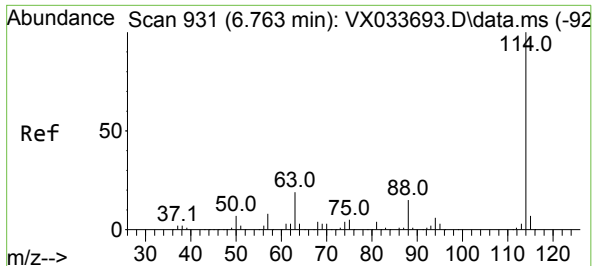
Tgt Ion: 56 Resp: 2616
Ion Ratio Lower Upper
56 100
69 180.3 24.6 37.0#
84 166.7 71.0 106.6#



#33
1,2-Dichloroethane-d4
Concen: 45.228 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX033966.D
Acq: 31 Jan 2023 13:08

Tgt Ion: 65 Resp: 80184
Ion Ratio Lower Upper
65 100
67 53.1 0.0 104.8

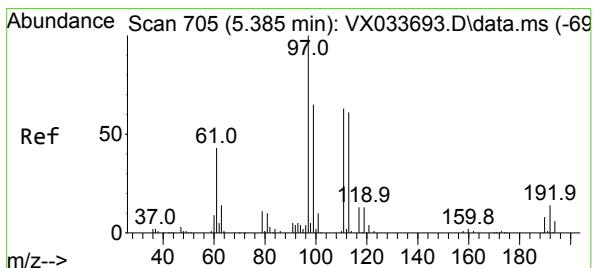
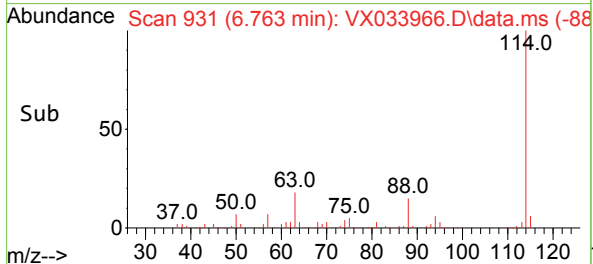
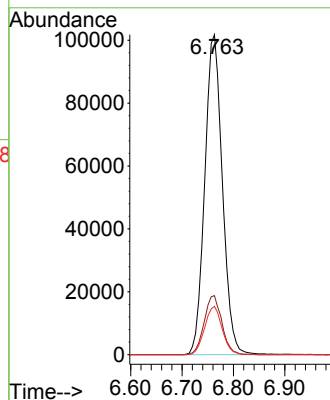
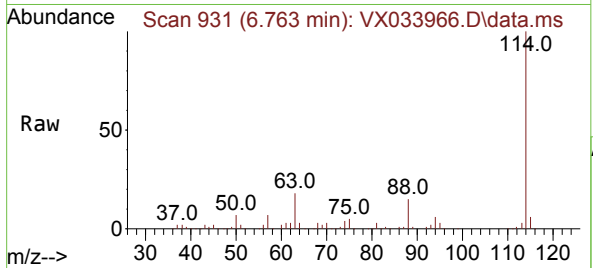




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX033966.D
Acq: 31 Jan 2023 13:08

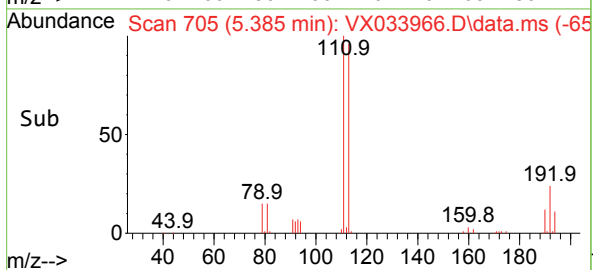
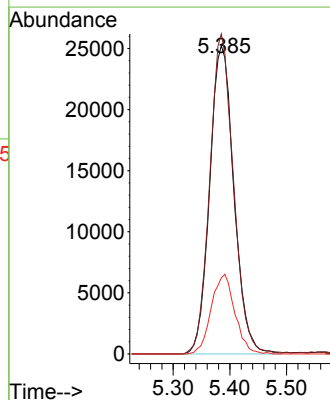
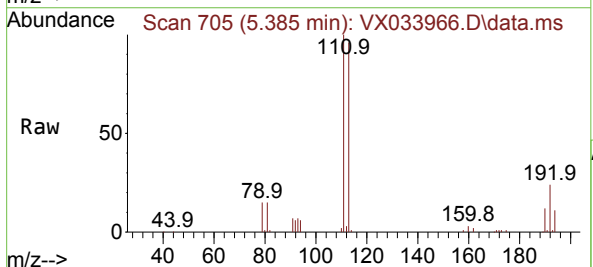
Instrument :
MSVOA_X
ClientSampleId :
JPP-11-012723

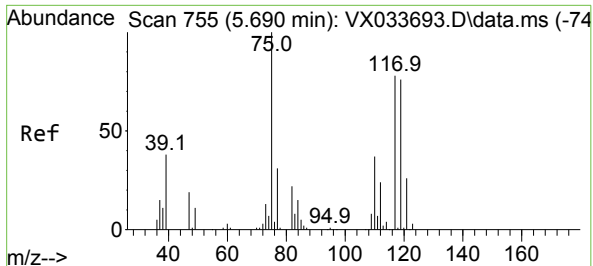
Tgt Ion:114 Resp: 242189
Ion Ratio Lower Upper
114 100
63 18.4 0.0 37.4
88 15.1 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.671 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX033966.D
Acq: 31 Jan 2023 13:08

Tgt Ion:113 Resp: 74699
Ion Ratio Lower Upper
113 100
111 102.0 83.0 124.6
192 25.3 19.0 28.4

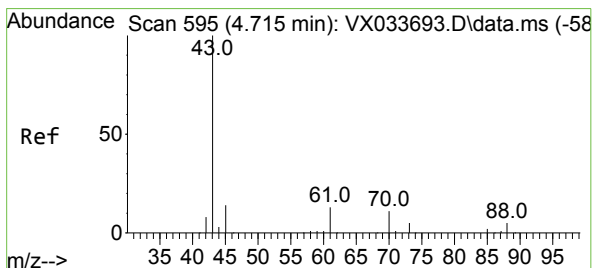
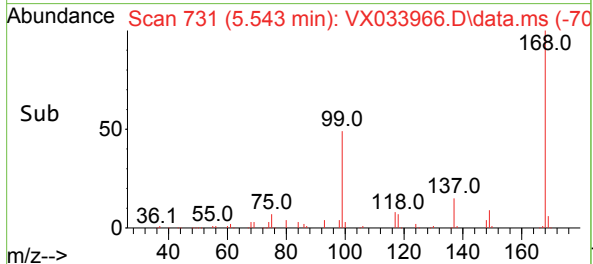
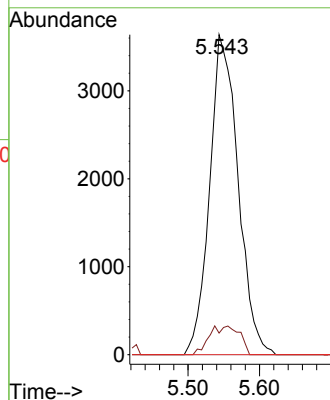
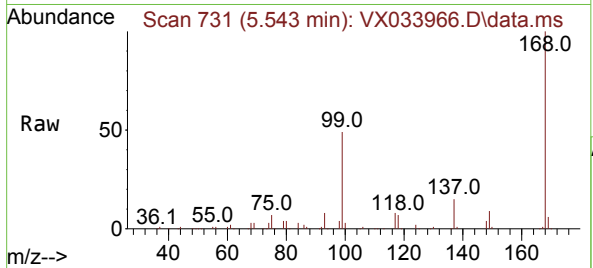




#36
1,1-Dichloropropene
Concen: 4.569 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.147 min
Lab File: VX033966.D
Acq: 31 Jan 2023 13:08

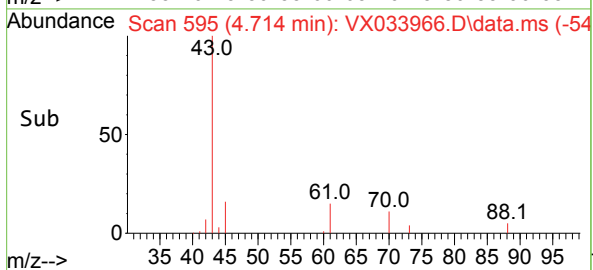
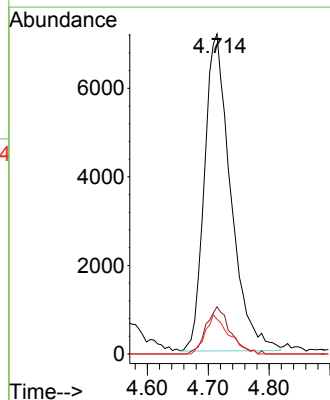
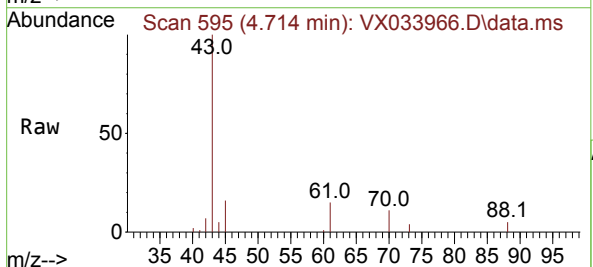
Instrument :
MSVOA_X
ClientSampleId :
JPP-11-012723

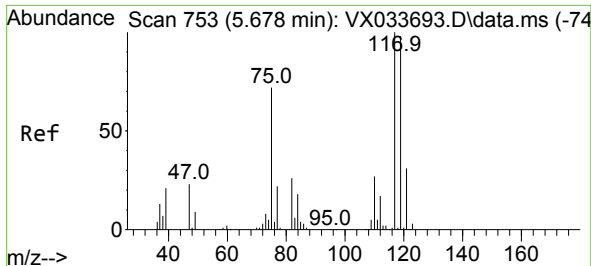
Tgt Ion: 75 Resp: 10029
Ion Ratio Lower Upper
75 100
110 9.6 18.8 56.4#
77 0.0 25.1 37.7#



#37
Ethyl Acetate
Concen: 7.834 ug/l
RT: 4.714 min Scan# 595
Delta R.T. -0.001 min
Lab File: VX033966.D
Acq: 31 Jan 2023 13:08

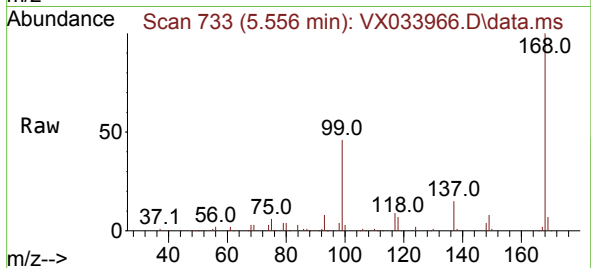
Tgt Ion: 43 Resp: 21453
Ion Ratio Lower Upper
43 100
61 13.7 11.1 16.7
70 11.0 8.5 12.7



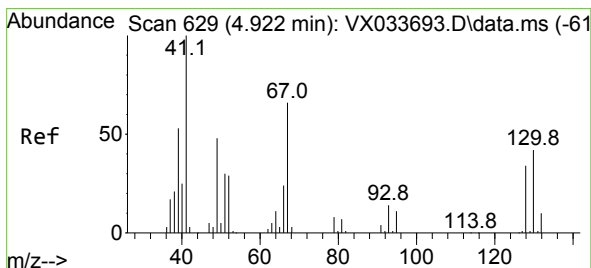
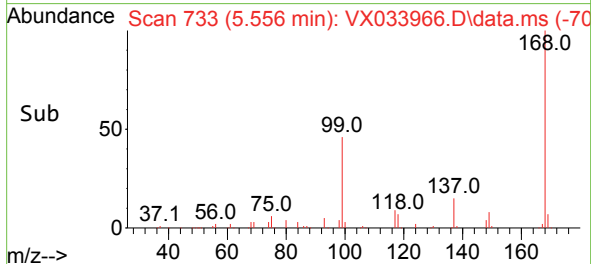
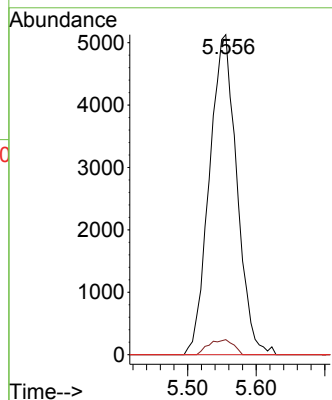


#38
Carbon Tetrachloride
Concen: 6.284 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX033966.D
Acq: 31 Jan 2023 13:08

Instrument :
MSVOA_X
ClientSampleId :
JPP-11-012723

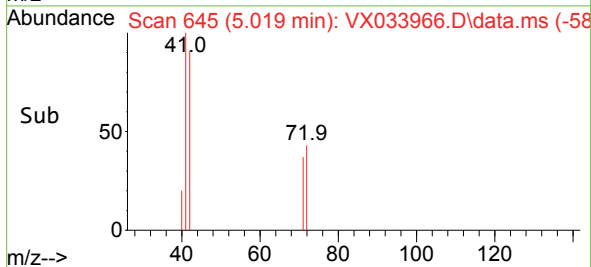
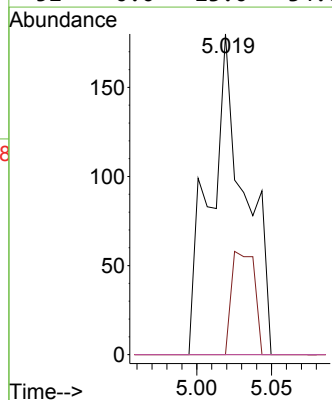
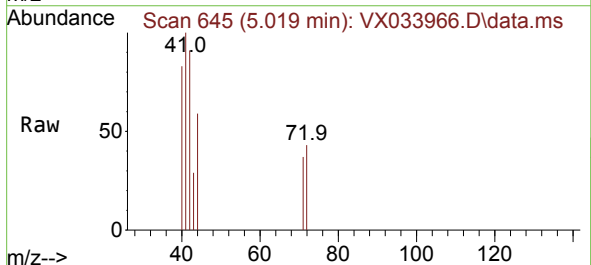


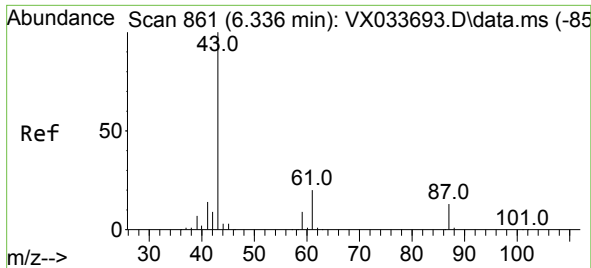
Tgt Ion:117 Resp: 14284
Ion Ratio Lower Upper
117 100
119 4.7 78.0 117.0#
121 0.0 24.4 36.6#



#41
Methacrylonitrile
Concen: 0.243 ug/l
RT: 5.019 min Scan# 645
Delta R.T. 0.097 min
Lab File: VX033966.D
Acq: 31 Jan 2023 13:08

Tgt Ion: 41 Resp: 294
Ion Ratio Lower Upper
41 100
39 20.7 43.8 65.6#
67 0.0 54.8 82.2#
52 0.0 23.0 34.6#

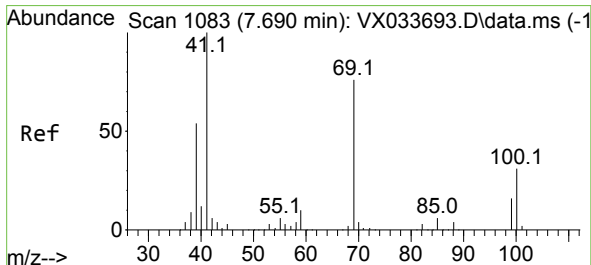
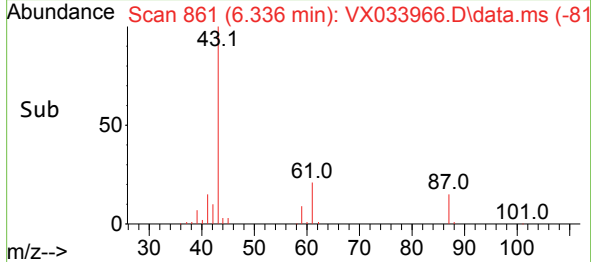
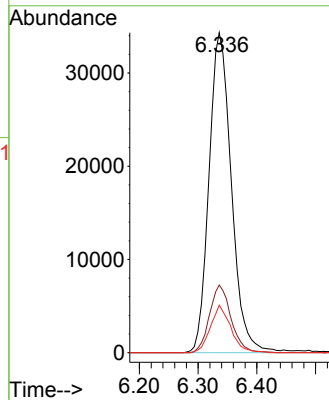
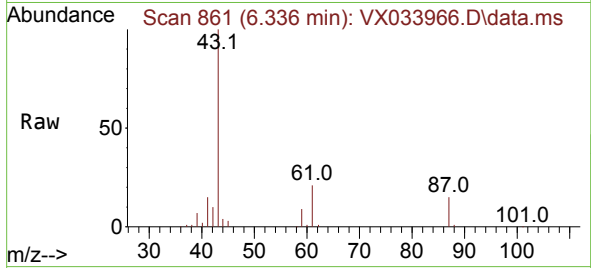




#43
Isopropyl Acetate
Concen: 26.208 ug/l
RT: 6.336 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX033966.D
Acq: 31 Jan 2023 13:08

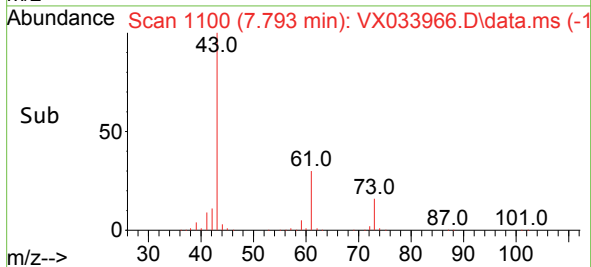
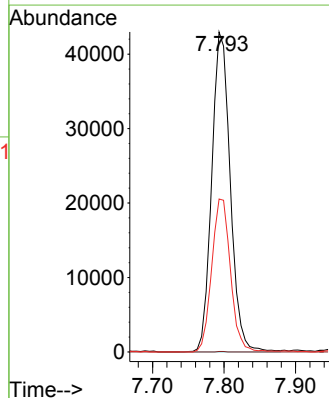
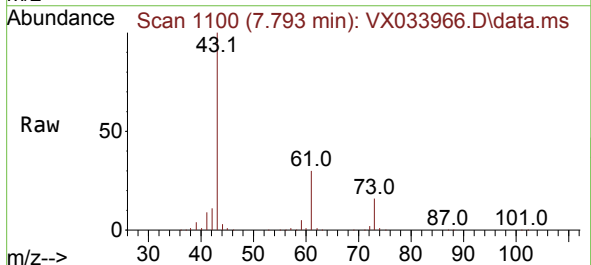
Instrument :
MSVOA_X
ClientSampleId :
JPP-11-012723

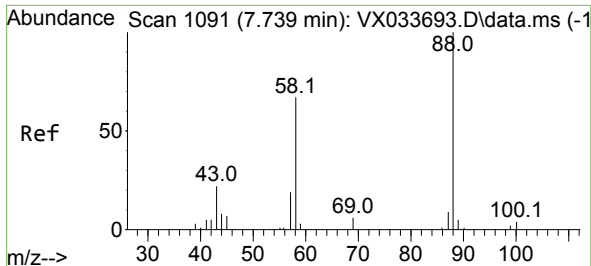
Tgt Ion:	43	Resp:	90808
Ion	Ratio	Lower	Upper
43	100		
61	20.3	15.7	23.5
87	13.5	10.6	15.8



#48
Methyl methacrylate
Concen: 44.276 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.103 min
Lab File: VX033966.D
Acq: 31 Jan 2023 13:08

Tgt Ion:	41	Resp:	77281
Ion	Ratio	Lower	Upper
41	100		
69	0.1	63.1	94.7#
39	48.6	43.2	64.8

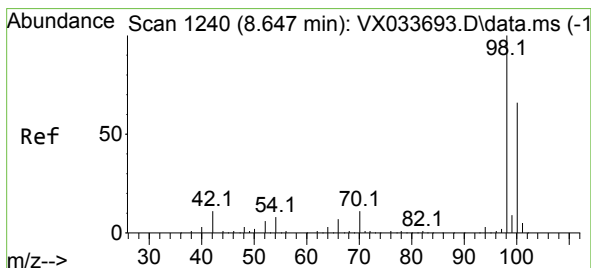
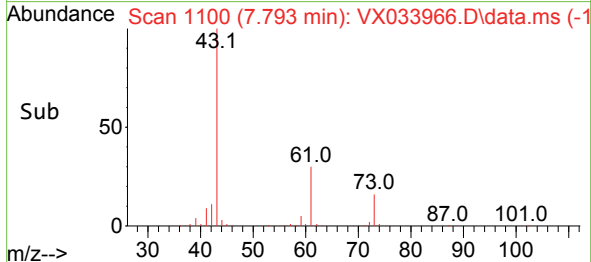
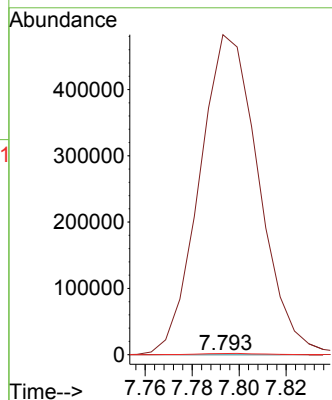
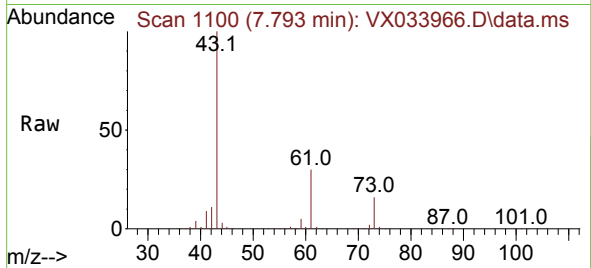




#49
1,4-Dioxane
Concen: 3.264 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.055 min
Lab File: VX033966.D
Acq: 31 Jan 2023 13:08

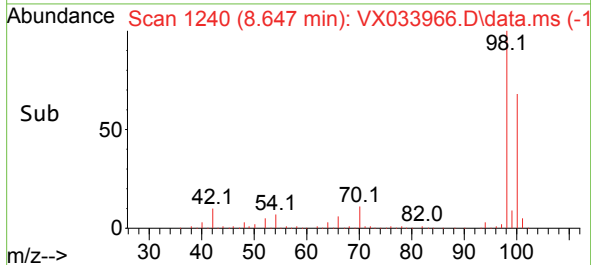
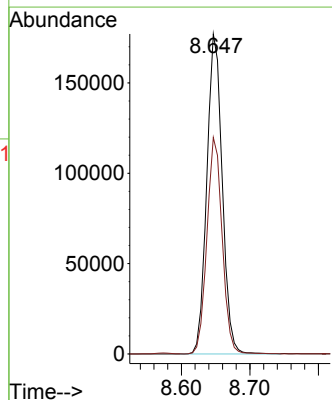
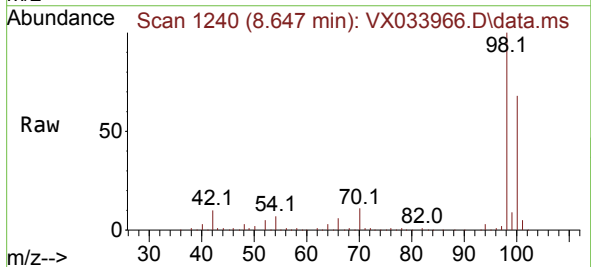
Instrument :
MSVOA_X
ClientSampleId :
JPP-11-012723

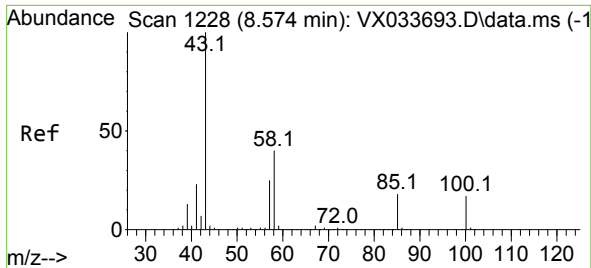
Tgt Ion: 88 Resp: 126
Ion Ratio Lower Upper
88 100
43 679995.2 0.0 0.0#
58 2749.2 56.5 84.7#



#50
Toluene-d8
Concen: 50.550 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX033966.D
Acq: 31 Jan 2023 13:08

Tgt Ion: 98 Resp: 276983
Ion Ratio Lower Upper
98 100
100 67.1 53.6 80.4

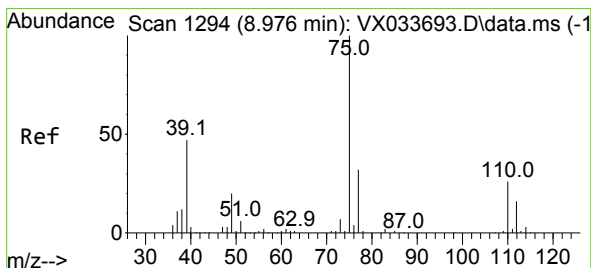
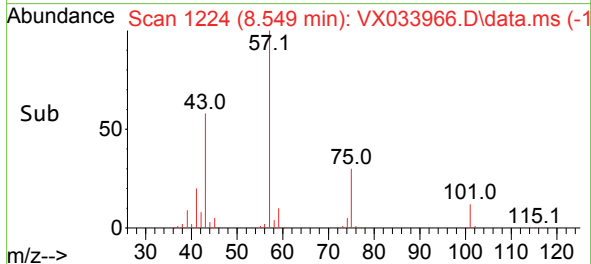
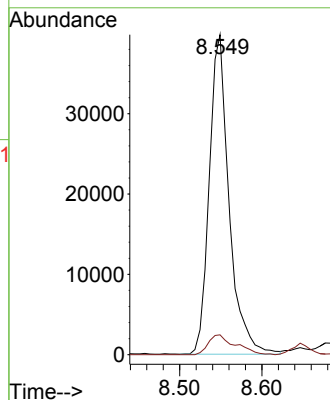
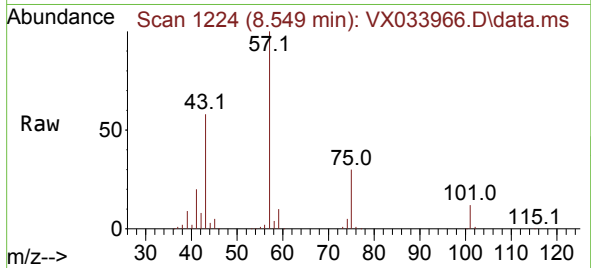




#51
4-Methyl-2-Pentanone
Concen: 31.272 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.025 min
Lab File: VX033966.D
Acq: 31 Jan 2023 13:08

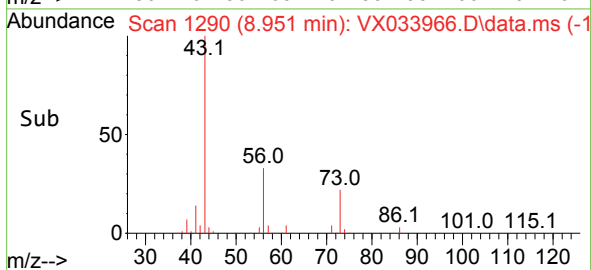
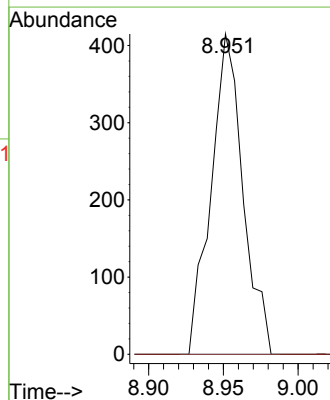
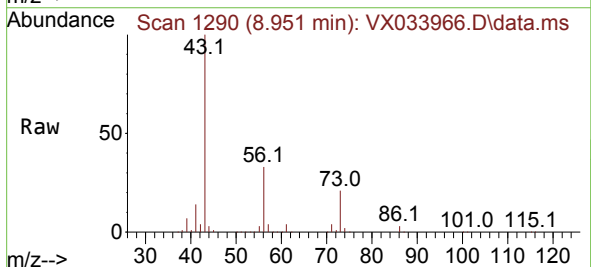
Instrument :
MSVOA_X
ClientSampleId :
JPP-11-012723

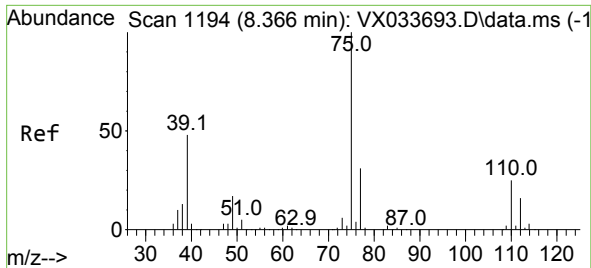
Tgt Ion: 43 Resp: 66546
Ion Ratio Lower Upper
43 100
58 8.5 31.2 46.8#



#53
t-1,3-Dichloropropene
Concen: 0.286 ug/l
RT: 8.951 min Scan# 1290
Delta R.T. -0.025 min
Lab File: VX033966.D
Acq: 31 Jan 2023 13:08

Tgt Ion: 75 Resp: 618
Ion Ratio Lower Upper
75 100
77 0.0 25.5 38.3#

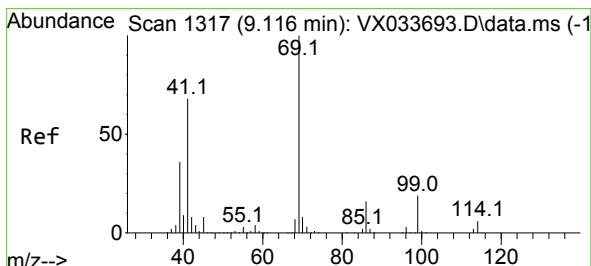
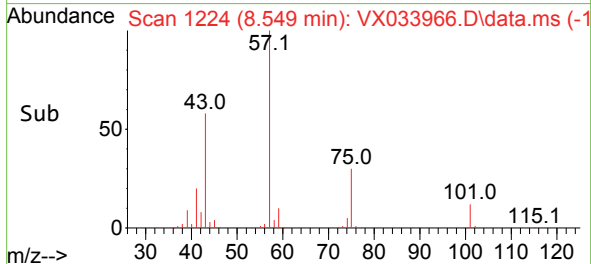
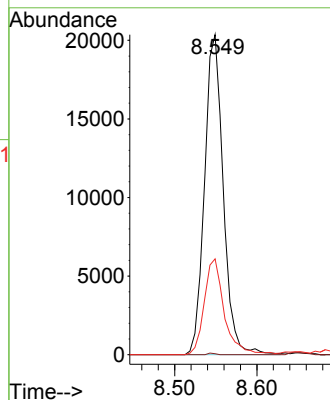
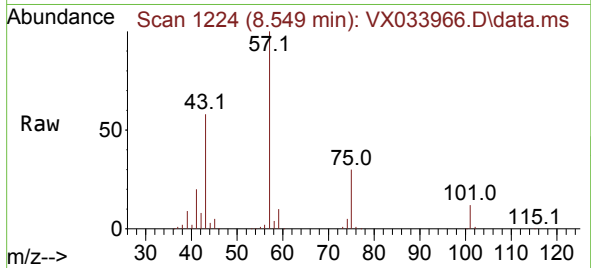




#54
 cis-1,3-Dichloropropene
 Concen: 13.306 ug/l
 RT: 8.549 min Scan# 1194
 Delta R.T. 0.183 min
 Lab File: VX033966.D
 Acq: 31 Jan 2023 13:08

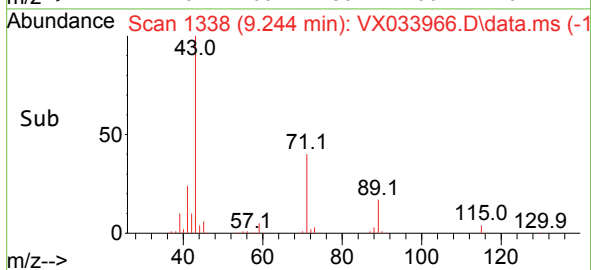
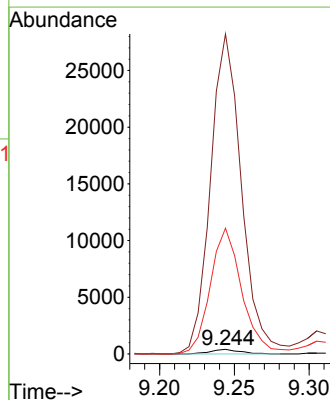
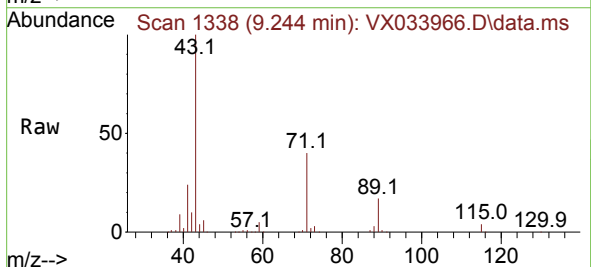
Instrument :
 MSVOA_X
 ClientSampleId :
 JPP-11-012723

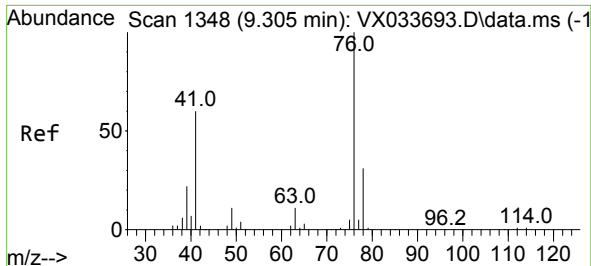
Tgt Ion: 75 Resp: 32166
 Ion Ratio Lower Upper
 75 100
 77 0.3 25.0 37.6#
 39 29.9 38.6 58.0#



#56
 Ethyl methacrylate
 Concen: 0.242 ug/l
 RT: 9.244 min Scan# 1338
 Delta R.T. 0.128 min
 Lab File: VX033966.D
 Acq: 31 Jan 2023 13:08

Tgt Ion: 69 Resp: 556
 Ion Ratio Lower Upper
 69 100
 41 7341.9 55.1 82.7#
 39 2941.5 28.5 42.7#





#57

1,3-Dichloropropane

Concen: 1.587 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.176 min

Lab File: VX033966.D

Acq: 31 Jan 2023 13:08

Instrument :

MSVOA_X

ClientSampleId :

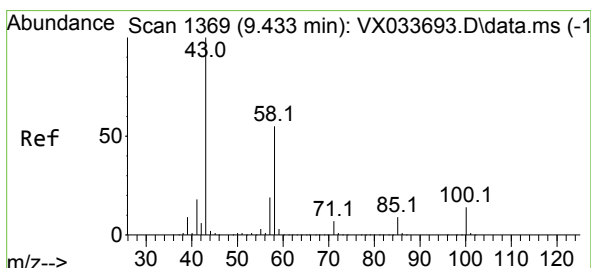
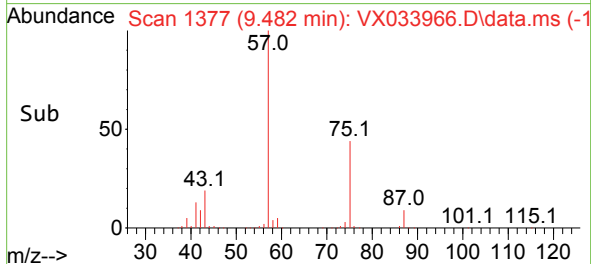
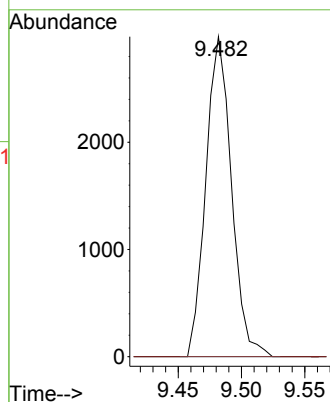
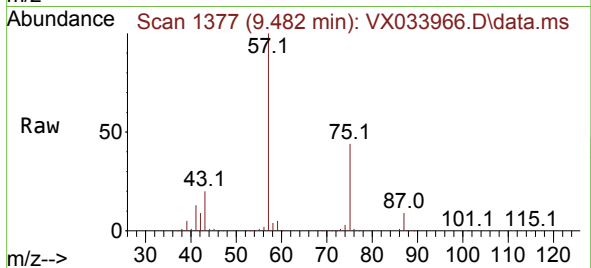
JPP-11-012723

Tgt Ion: 76 Resp: 4209

Ion Ratio Lower Upper

76 100

78 0.0 25.6 38.4#



#59

2-Hexanone

Concen: 38.623 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.048 min

Lab File: VX033966.D

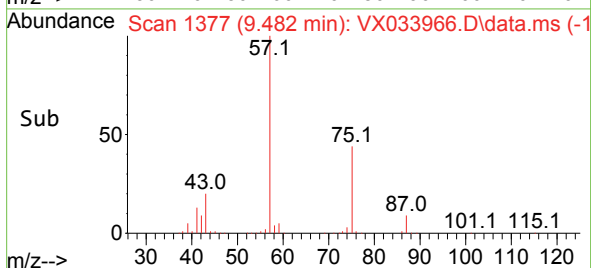
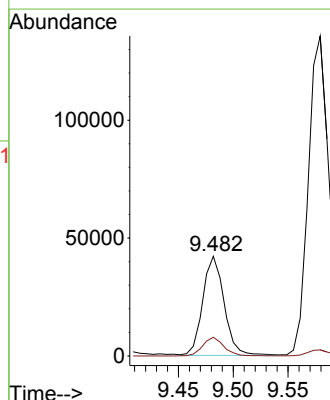
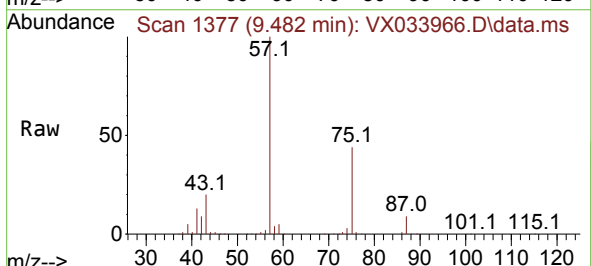
Acq: 31 Jan 2023 13:08

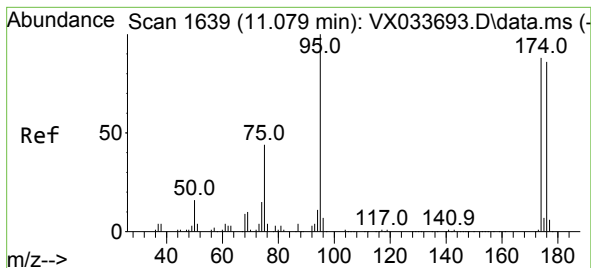
Tgt Ion: 43 Resp: 57205

Ion Ratio Lower Upper

43 100

58 18.9 27.4 82.0#

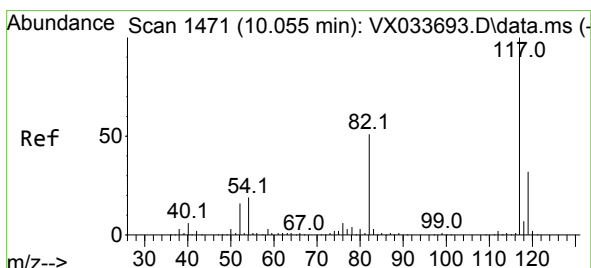
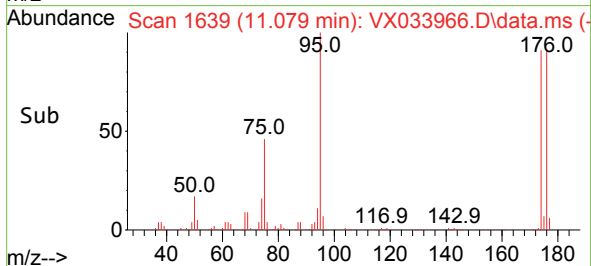
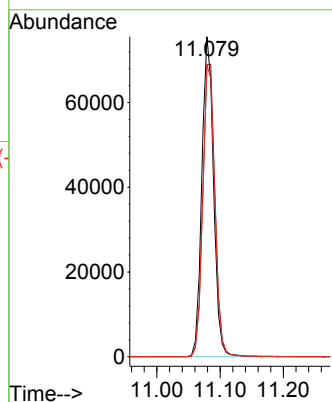
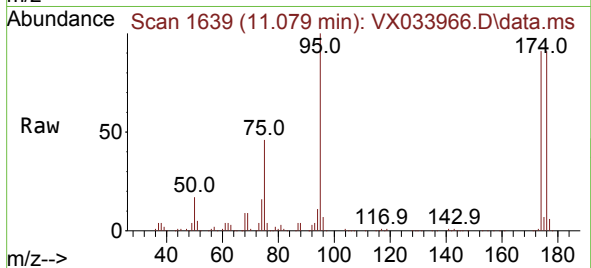




#62
4-Bromofluorobenzene
Concen: 47.898 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX033966.D
Acq: 31 Jan 2023 13:08

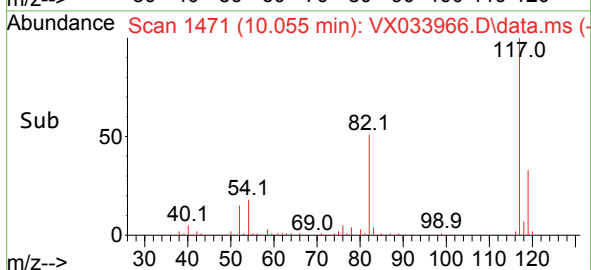
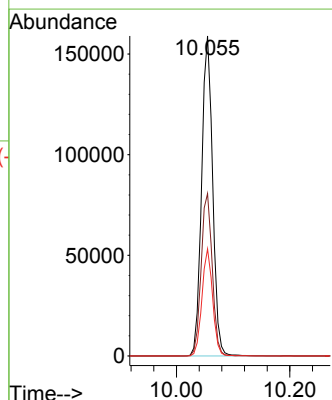
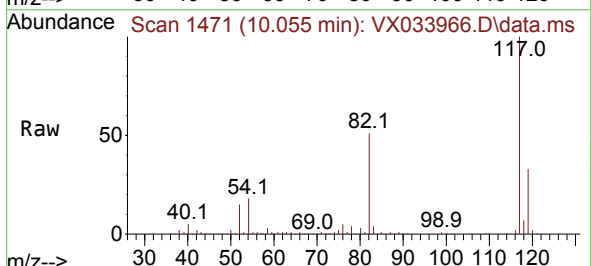
Instrument :
MSVOA_X
ClientSampleId :
JPP-11-012723

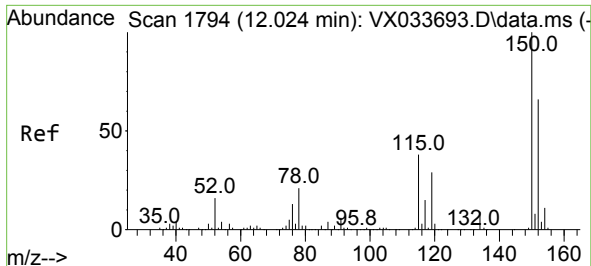
Tgt Ion: 95 Resp: 97442
Ion Ratio Lower Upper
95 100
174 95.8 0.0 184.4
176 93.5 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033966.D
Acq: 31 Jan 2023 13:08

Tgt Ion: 117 Resp: 214797
Ion Ratio Lower Upper
117 100
82 50.8 40.6 60.8
119 33.4 25.6 38.4

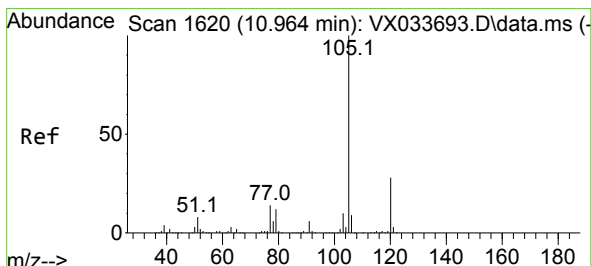
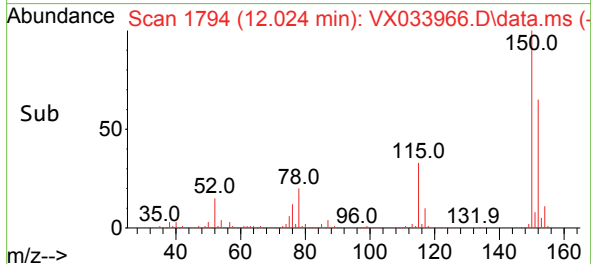
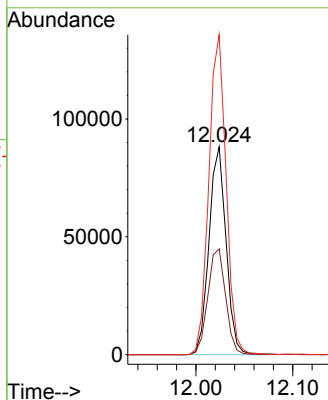
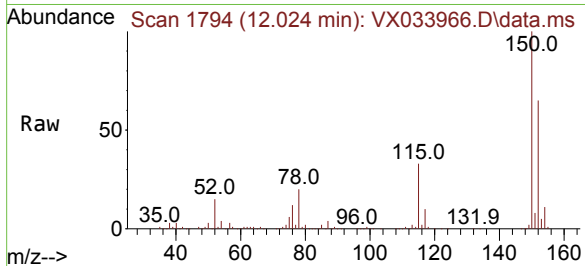




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX033966.D
 Acq: 31 Jan 2023 13:08

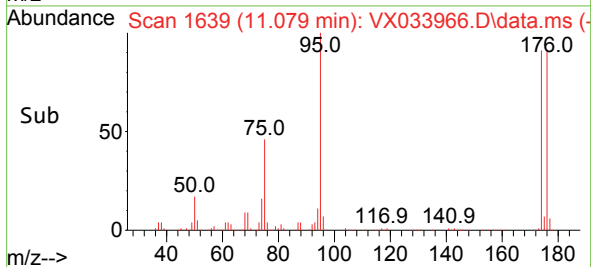
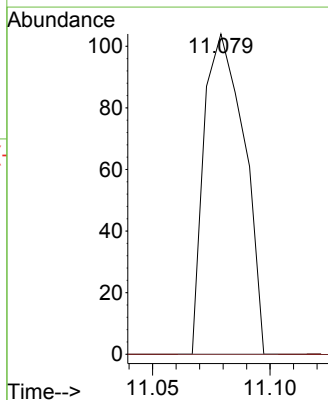
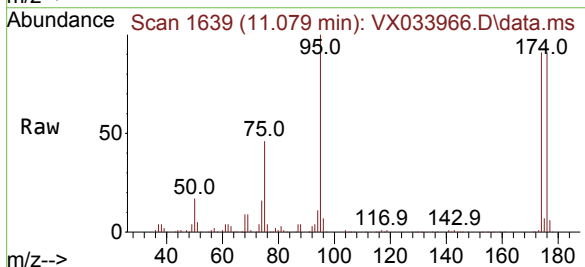
Instrument :
 MSVOA_X
 ClientSampleId :
 JPP-11-012723

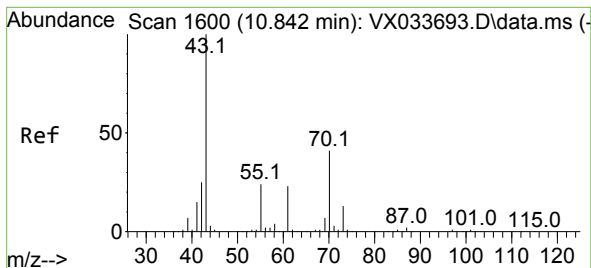
Tgt Ion:152 Resp: 108476
 Ion Ratio Lower Upper
 152 100
 115 53.4 38.7 116.1
 150 155.6 0.0 348.2



#73
 Isopropylbenzene
 Concen: Below Cal
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.115 min
 Lab File: VX033966.D
 Acq: 31 Jan 2023 13:08

Tgt Ion:105 Resp: 123
 Ion Ratio Lower Upper
 105 100
 120 0.0 13.6 40.8#





#74

N-amy1 acetate

Concen: 6.840 ug/l

RT: 10.640 min Scan# 1

Delta R.T. -0.201 min

Lab File: VX033966.D

Acq: 31 Jan 2023 13:08

Instrument :

MSVOA_X

ClientSampleId :

JPP-11-012723

Tgt Ion: 43 Resp: 19485

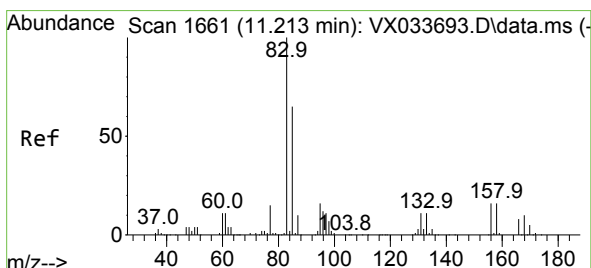
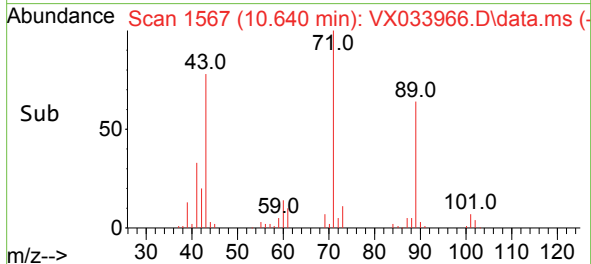
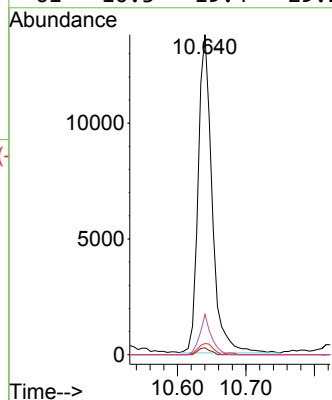
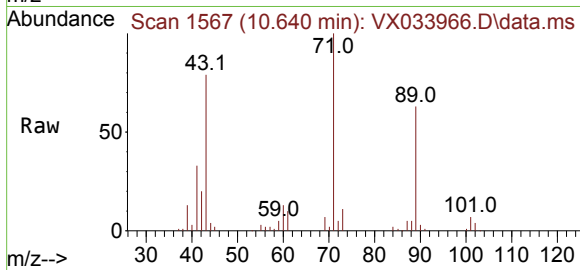
Ion Ratio Lower Upper

43 100

70 1.9 34.8 52.2#

55 3.7 19.4 29.0#

61 10.3 19.4 29.2#



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 11.079 min Scan# 1639

Delta R.T. -0.134 min

Lab File: VX033966.D

Acq: 31 Jan 2023 13:08

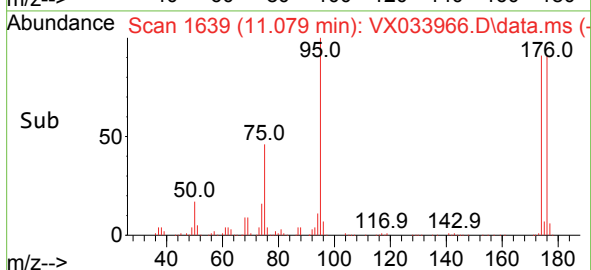
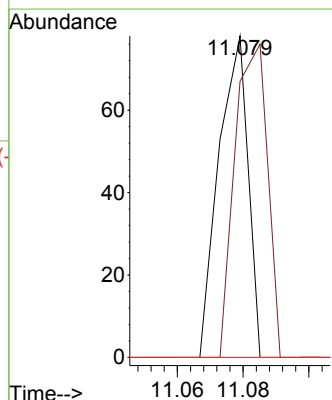
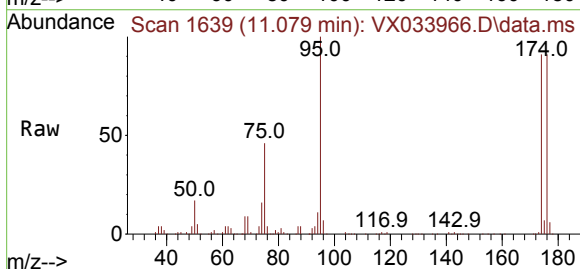
Tgt Ion: 83 Resp: 48

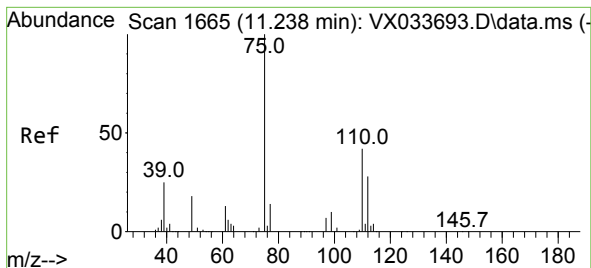
Ion Ratio Lower Upper

83 100

131 108.3 5.5 16.7#

85 0.0 32.3 96.9#





#76

1,2,3-Trichloropropane

Concen: 22.346 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX033966.D

Acq: 31 Jan 2023 13:08

Instrument :

MSVOA_X

ClientSampleId :

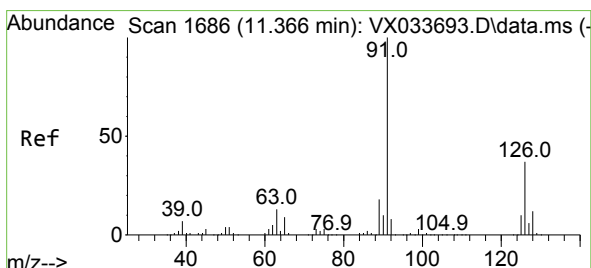
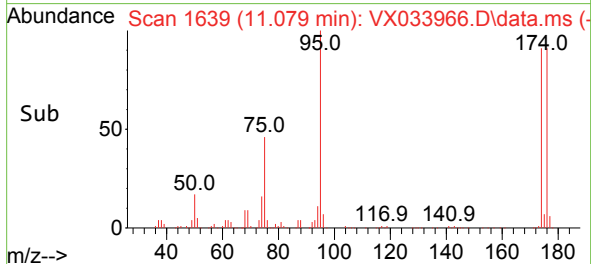
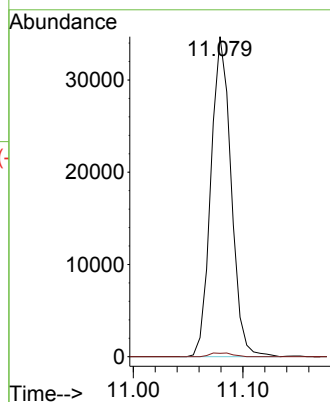
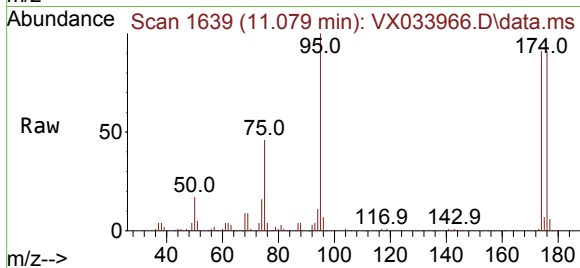
JPP-11-012723

Tgt Ion: 75 Resp: 44538

Ion Ratio Lower Upper

75 100

77 1.3 21.8 65.4#



#79

2-Chlorotoluene

Concen: Below Cal

RT: 11.311 min Scan# 1677

Delta R.T. -0.055 min

Lab File: VX033966.D

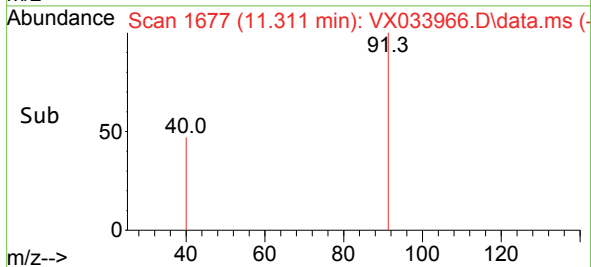
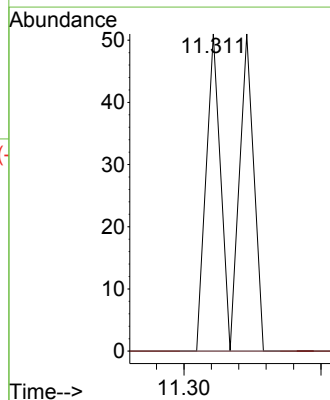
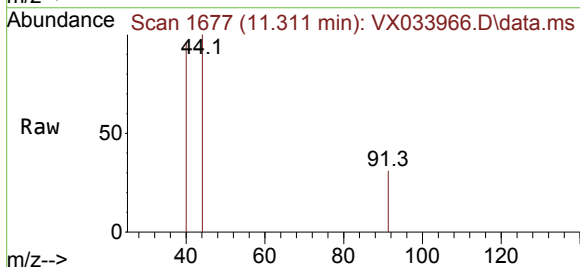
Acq: 31 Jan 2023 13:08

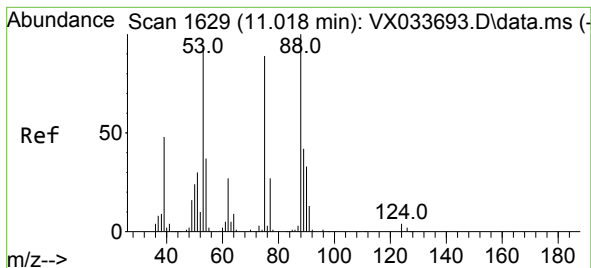
Tgt Ion: 91 Resp: 37

Ion Ratio Lower Upper

91 100

126 0.0 18.1 54.1#

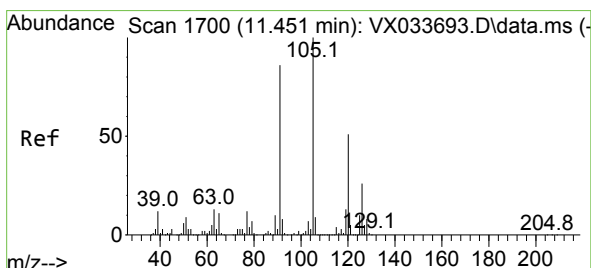
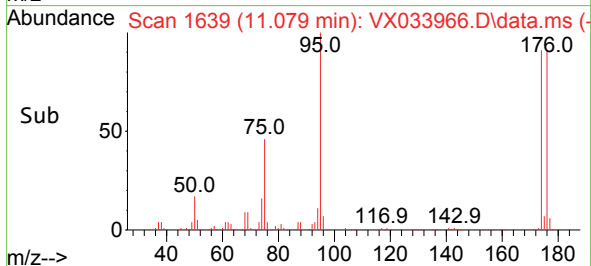
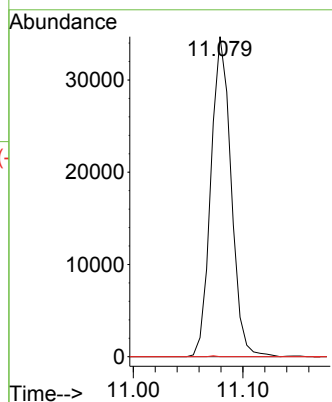
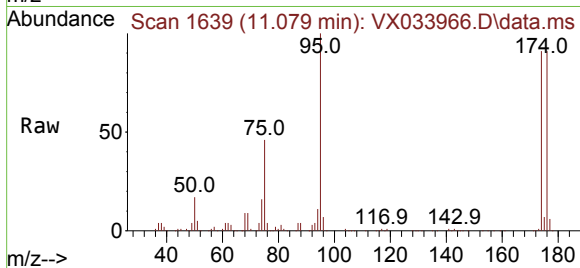




#81
trans-1,4-Dichloro-2-butene
Concen: 69.450 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033966.D
Acq: 31 Jan 2023 13:08

Instrument :
MSVOA_X
ClientSampleId :
JPP-11-012723

Tgt Ion: 75 Resp: 44538
Ion Ratio Lower Upper
75 100
53 0.0 83.0 124.6#
89 0.1 37.7 56.5#



#82
4-Chlorotoluene
Concen: Below Cal
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX033966.D
Acq: 31 Jan 2023 13:08

Tgt Ion: 91 Resp: 74
Ion Ratio Lower Upper
91 100
126 0.0 15.8 47.4#

