

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021223\
 Data File : VX034131.D
 Acq On : 10 Feb 2023 21:41
 Operator : JC/MD
 Sample : 01481-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 JPP-48-020723

Quant Time: Feb 11 00:42:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020423W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 03 23:25:45 2023
 Response via : Initial Calibration

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

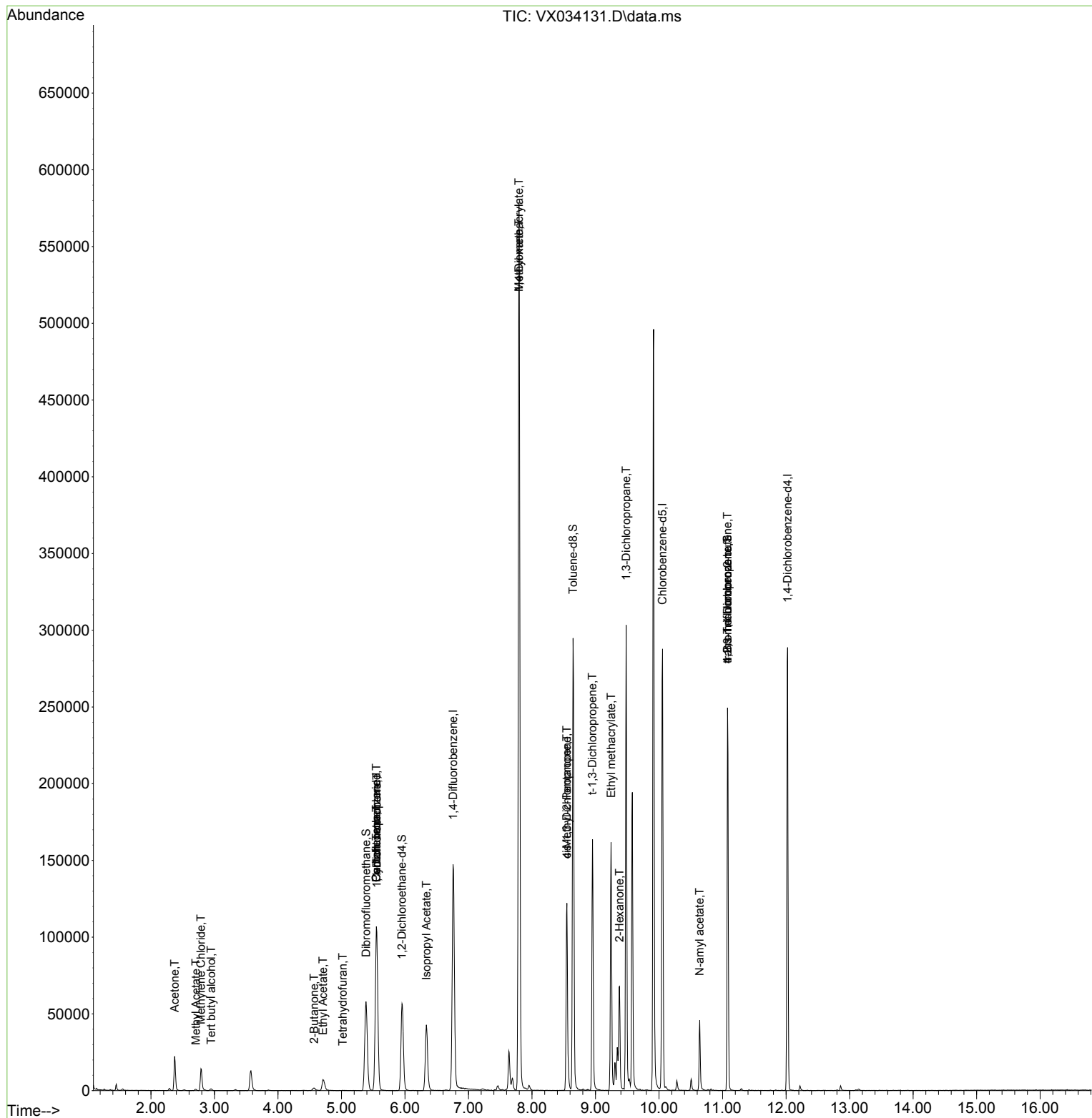
Internal Standards						
1) Pentafluorobenzene	5.550	168	113431	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	159103	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	137183	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	68013	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	57379	52.471	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.940%	
35) Dibromofluoromethane	5.385	113	51204	50.568	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.140%	
50) Toluene-d8	8.647	98	178369	48.891	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 97.780%	
62) 4-Bromofluorobenzene	11.079	95	63713	48.897	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 97.800%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	1099	7.173	ug/l #	86
16) Acetone	2.373	43	23924	51.799	ug/l	99
18) Methyl Acetate	2.709	43	1207	0.840	ug/l	99
20) Methylene Chloride	2.788	84	7597	7.190	ug/l	88
25) 2-Butanone	4.568	43	3119	4.638	ug/l #	84
29) Tetrahydrofuran	5.019	42	132	0.309	ug/l #	34
31) Cyclohexane	5.550	56	1584	0.995	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	6787	4.889	ug/l #	50
37) Ethyl Acetate	4.708	43	13754	10.635	ug/l	98
38) Carbon Tetrachloride	5.550	117	9621	6.498	ug/l #	16
43) Isopropyl Acetate	6.336	43	57802	28.658	ug/l	97
48) Methyl methacrylate	7.793	41	50120	48.129	ug/l #	46
49) 1,4-Dioxane	7.793	88	41	2.045	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	43388	34.295	ug/l #	52
53) t-1,3-Dichloropropene	8.952	75	395	0.292	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	20639	13.403	ug/l #	64
56) Ethyl methacrylate	9.244	69	360	0.248	ug/l #	1
57) 1,3-Dichloropropane	9.482	76	2730	1.607	ug/l #	43
59) 2-Hexanone	9.378	43	54544	58.913	ug/l #	24
74) N-amyl acetate	10.640	43	11842	7.908	ug/l #	52
76) 1,2,3-Trichloropropane	11.079	75	29521	25.278	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	29521	77.848	ug/l #	8

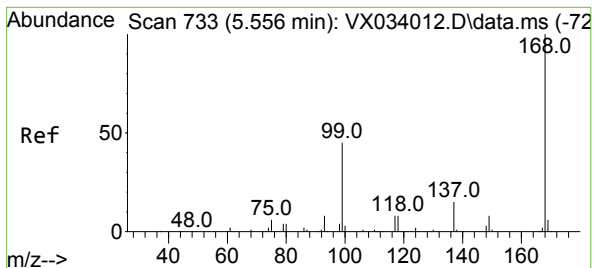
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Feb 03 23:25:45 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.006 min

Lab File: VX034131.D

Acq: 10 Feb 2023 21:41

Instrument :

MSVOA_X

ClientSampleId :

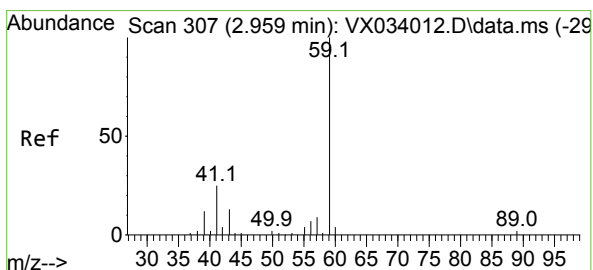
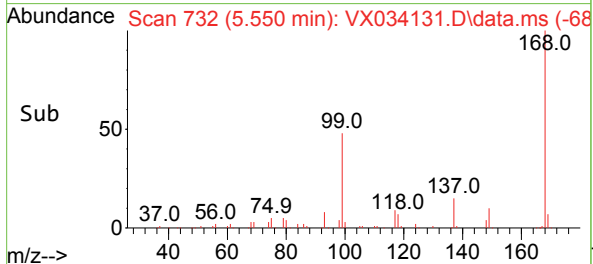
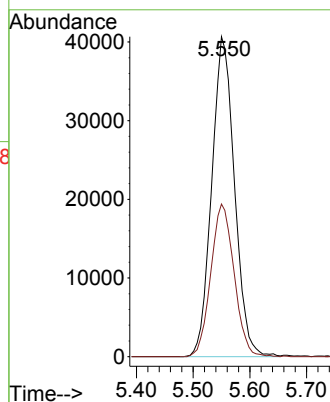
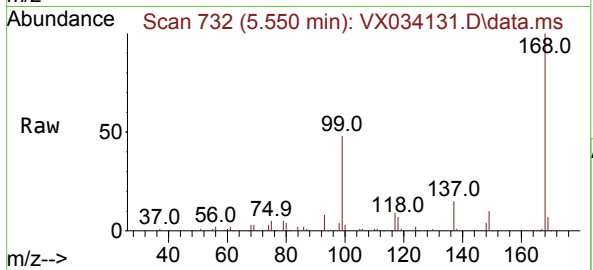
JPP-48-020723

Tgt Ion:168 Resp: 113431

Ion Ratio Lower Upper

168 100

99 47.7 39.6 59.4



#11

Tert butyl alcohol

Concen: 7.173 ug/l

RT: 2.947 min Scan# 305

Delta R.T. -0.012 min

Lab File: VX034131.D

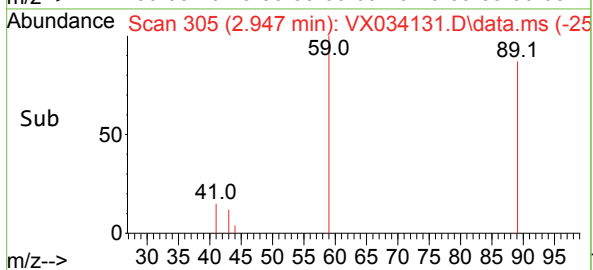
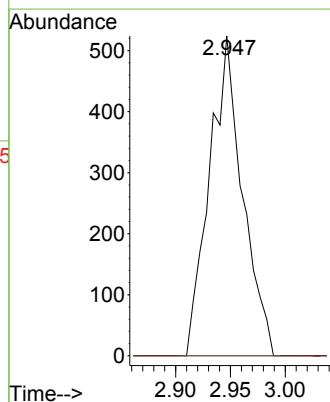
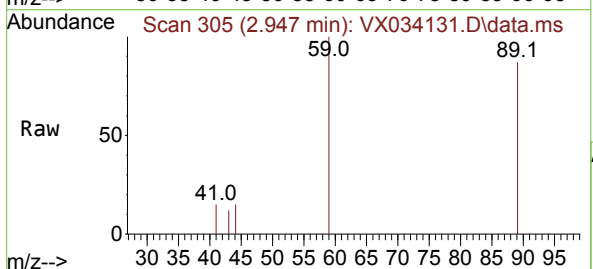
Acq: 10 Feb 2023 21:41

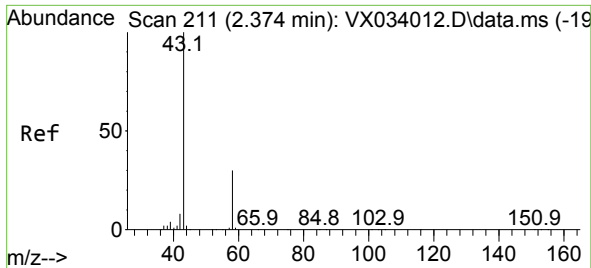
Tgt Ion: 59 Resp: 1099

Ion Ratio Lower Upper

59 100

57 0.0 3.7 5.5#

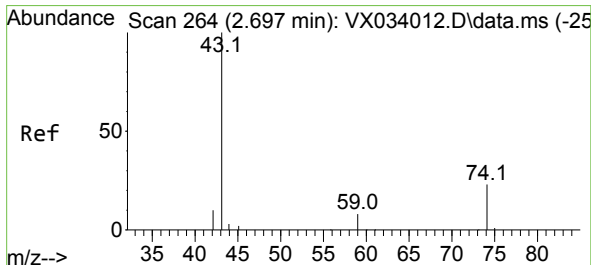
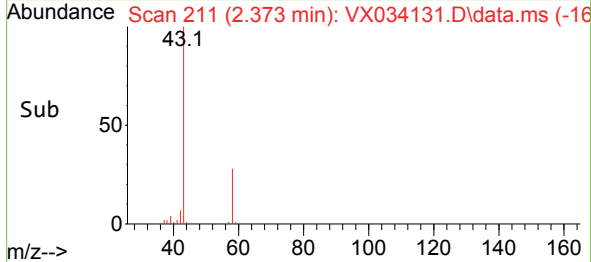
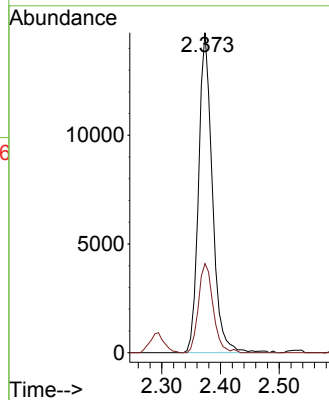
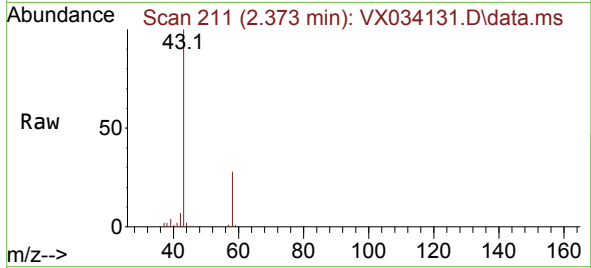




#16
Acetone
Concen: 51.799 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX034131.D
Acq: 10 Feb 2023 21:41

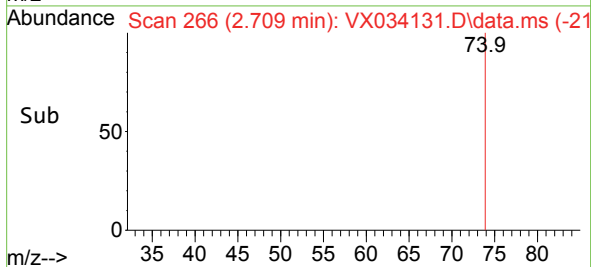
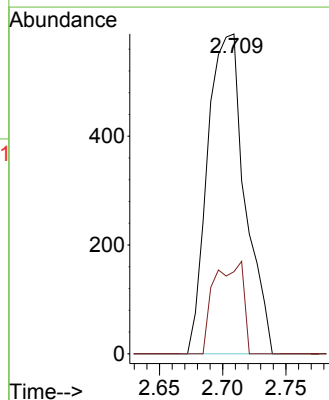
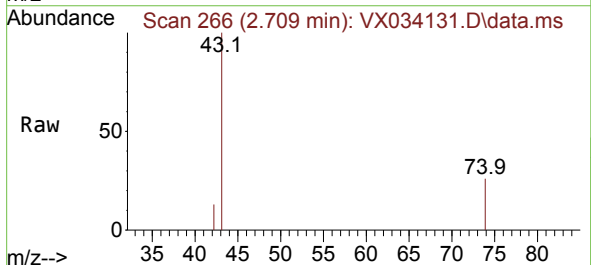
Instrument :
MSVOA_X
ClientSampleId :
JPP-48-020723

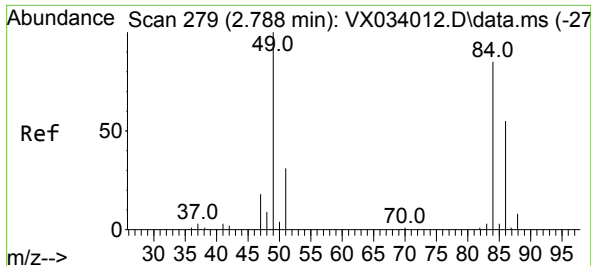
Tgt Ion: 43 Resp: 23924
Ion Ratio Lower Upper
43 100
58 27.8 22.6 33.8



#18
Methyl Acetate
Concen: 0.840 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.012 min
Lab File: VX034131.D
Acq: 10 Feb 2023 21:41

Tgt Ion: 43 Resp: 1207
Ion Ratio Lower Upper
43 100
74 22.5 18.2 27.4





#20

Methylene Chloride

Concen: 7.190 ug/l

RT: 2.788 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX034131.D

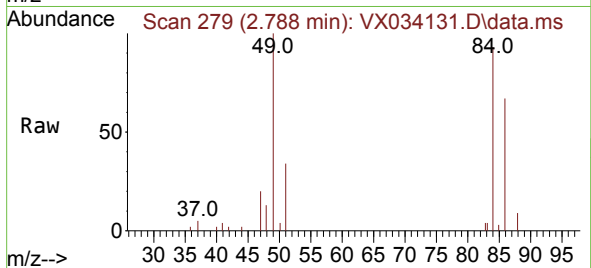
Acq: 10 Feb 2023 21:41

Instrument :

MSVOA_X

ClientSampleId :

JPP-48-020723



Tgt Ion: 84 Resp: 7597

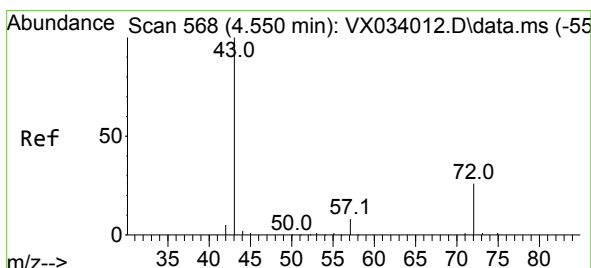
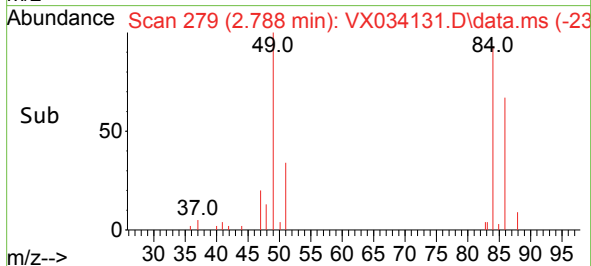
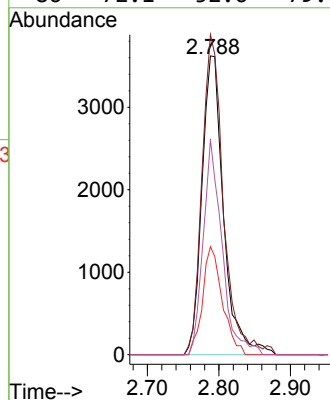
Ion Ratio Lower Upper

84 100

49 107.1 101.1 151.7

51 36.1 31.0 46.6

86 72.1 52.6 79.0



#25

2-Butanone

Concen: 4.638 ug/l

RT: 4.568 min Scan# 571

Delta R.T. 0.018 min

Lab File: VX034131.D

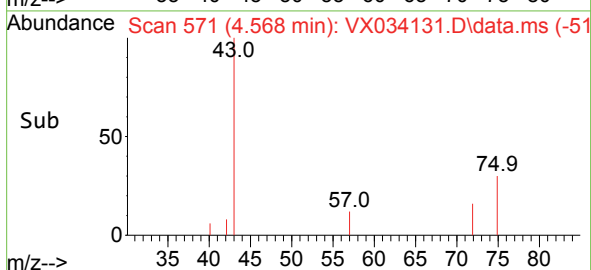
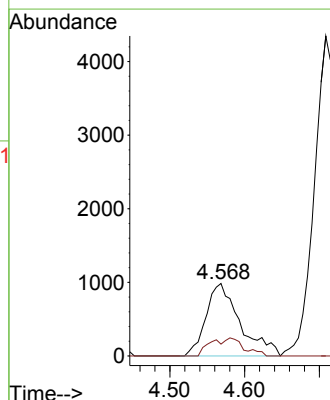
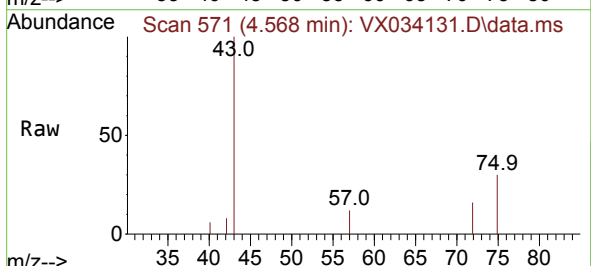
Acq: 10 Feb 2023 21:41

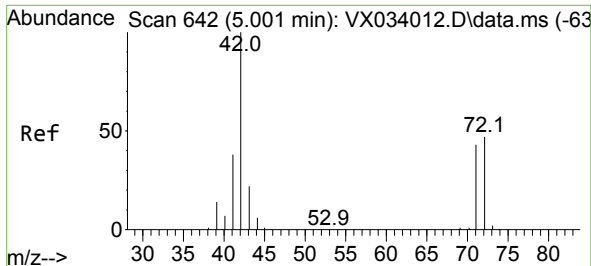
Tgt Ion: 43 Resp: 3119

Ion Ratio Lower Upper

43 100

72 16.4 19.4 29.2#





#29

Tetrahydrofuran

Concen: 0.309 ug/l

RT: 5.019 min Scan# 642

Delta R.T. 0.018 min

Lab File: VX034131.D

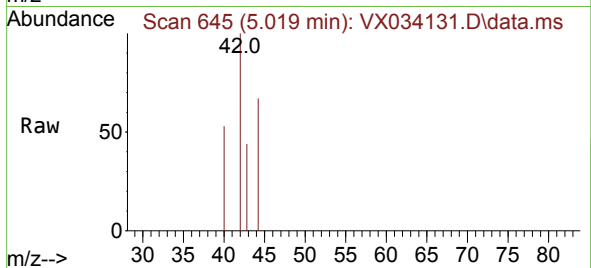
Acq: 10 Feb 2023 21:41

Instrument :

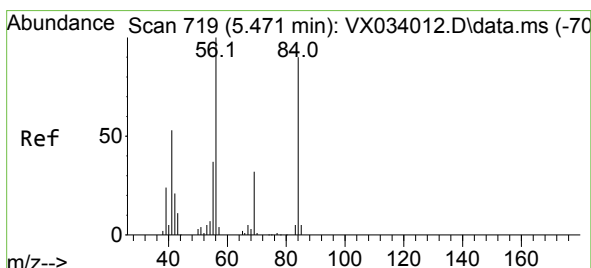
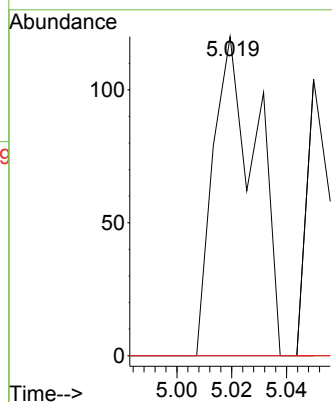
MSVOA_X

ClientSampleId :

JPP-48-020723



Tgt Ion: 42	Resp: 132
Ion Ratio	Lower Upper
42	100
72	0.0 34.8 52.2#
71	0.0 32.2 48.2#



#31

Cyclohexane

Concen: 0.995 ug/l

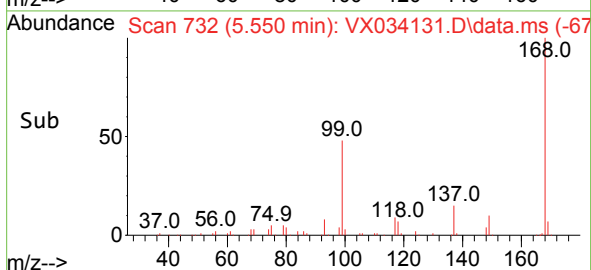
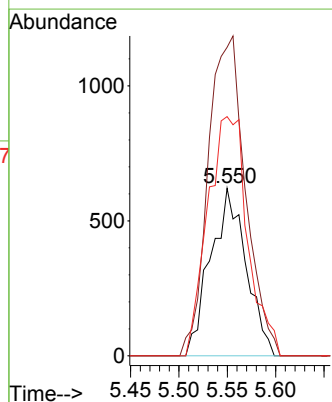
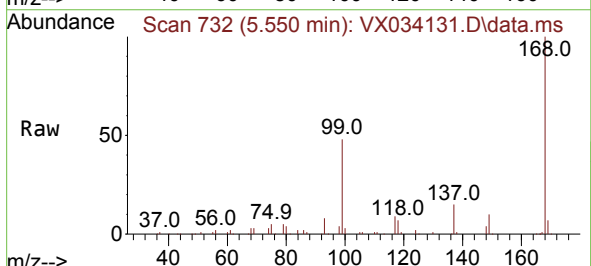
RT: 5.550 min Scan# 732

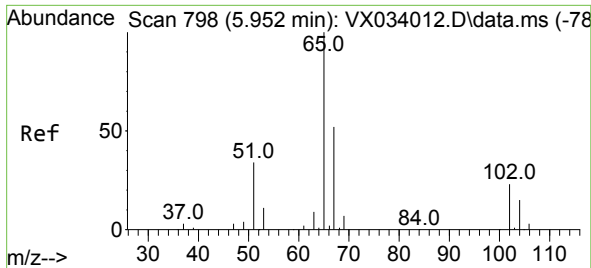
Delta R.T. 0.079 min

Lab File: VX034131.D

Acq: 10 Feb 2023 21:41

Tgt Ion: 56	Resp: 1584
Ion Ratio	Lower Upper
56	100
69	184.1 24.6 37.0#
84	142.7 71.0 106.6#





#33

1,2-Dichloroethane-d4

Concen: 52.471 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX034131.D

Acq: 10 Feb 2023 21:41

Instrument :

MSVOA_X

ClientSampleId :

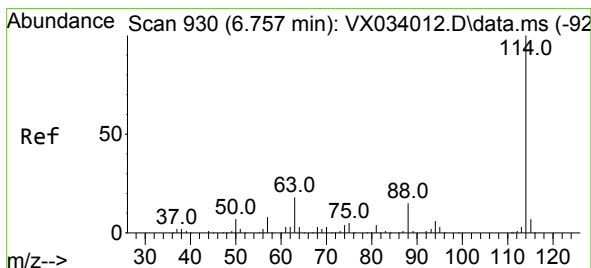
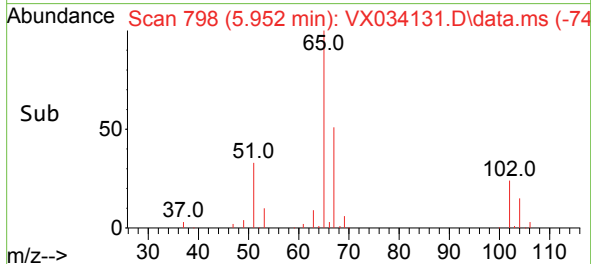
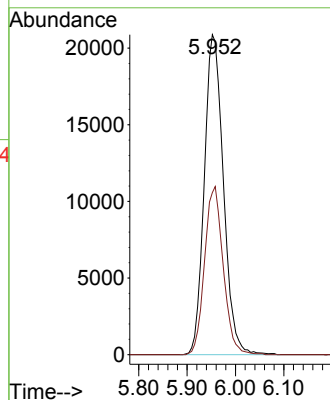
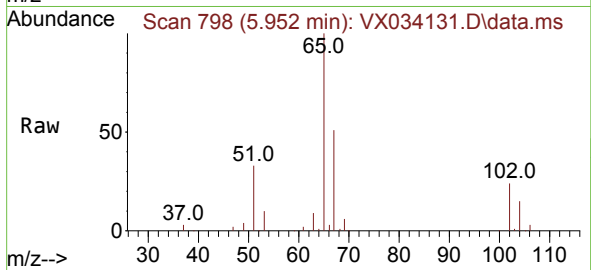
JPP-48-020723

Tgt Ion: 65 Resp: 57379

Ion Ratio Lower Upper

65 100

67 51.2 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX034131.D

Acq: 10 Feb 2023 21:41

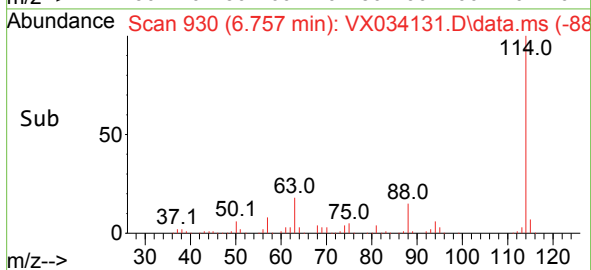
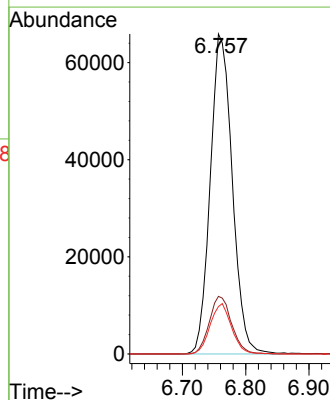
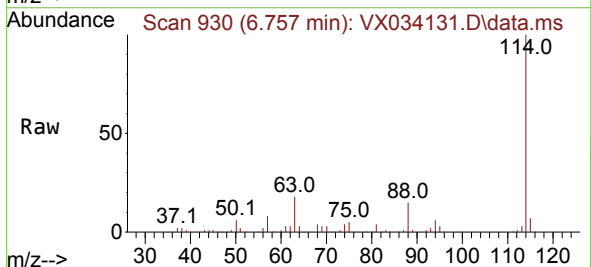
Tgt Ion: 114 Resp: 159103

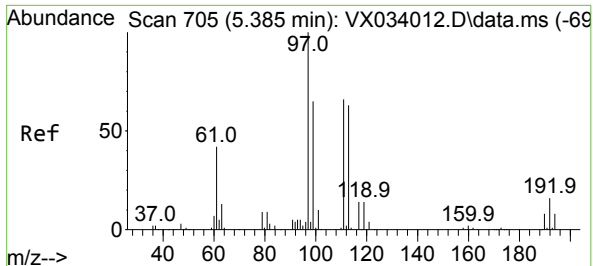
Ion Ratio Lower Upper

114 100

63 18.0 0.0 37.4

88 14.8 0.0 30.6

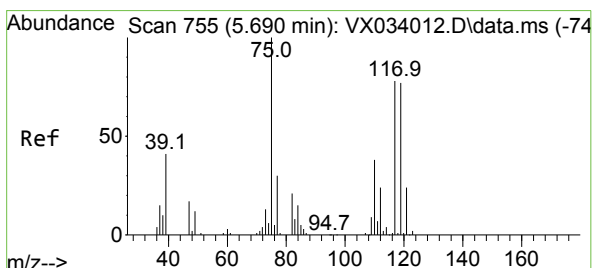
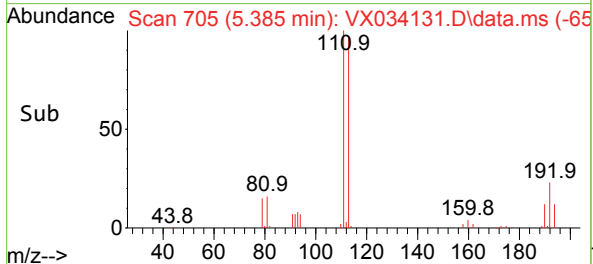
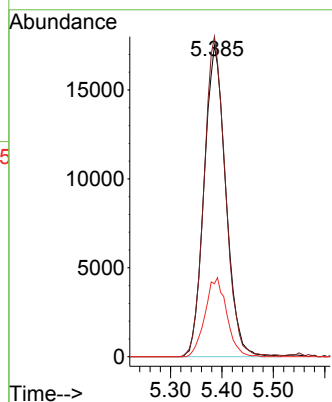
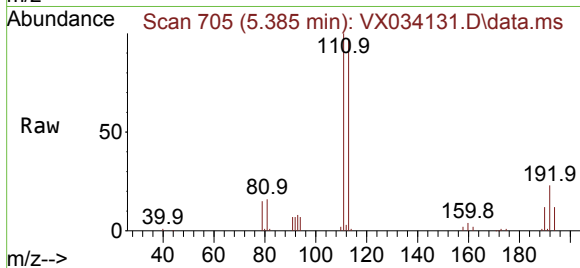




#35
Dibromofluoromethane
Concen: 50.568 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX034131.D
Acq: 10 Feb 2023 21:41

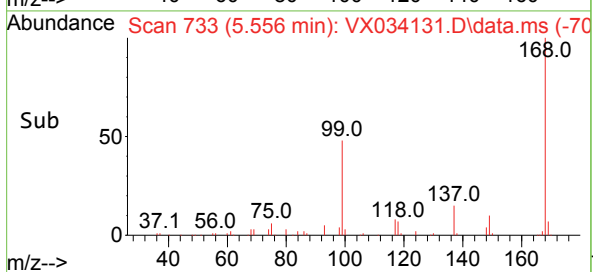
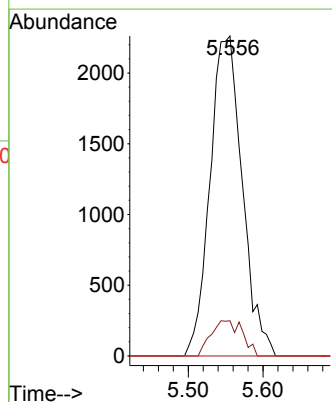
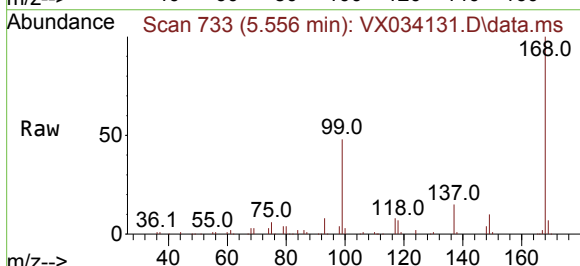
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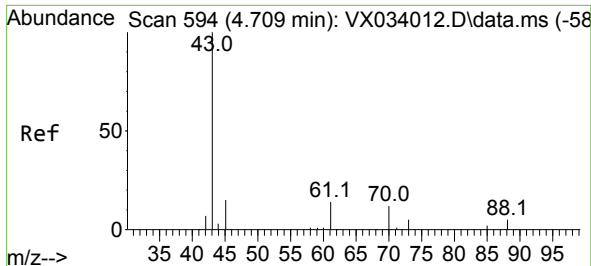
Tgt Ion:	113	Resp:	51204
Ion	Ratio	Lower	Upper
113	100		
111	101.1	83.0	124.6
192	25.4	19.0	28.4



#36
1,1-Dichloropropene
Concen: 4.889 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX034131.D
Acq: 10 Feb 2023 21:41

Tgt Ion:	75	Resp:	6787
Ion	Ratio	Lower	Upper
75	100		
110	10.8	18.8	56.4#
77	0.0	25.1	37.7#





#37

Ethyl Acetate

Concen: 10.635 ug/l

RT: 4.708 min Scan# 594

Delta R.T. -0.000 min

Lab File: VX034131.D

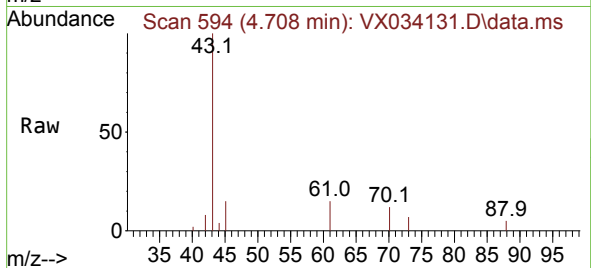
Acq: 10 Feb 2023 21:41

Instrument :

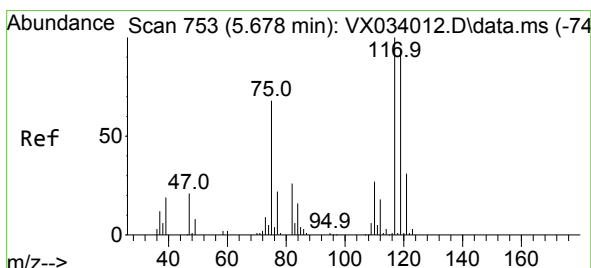
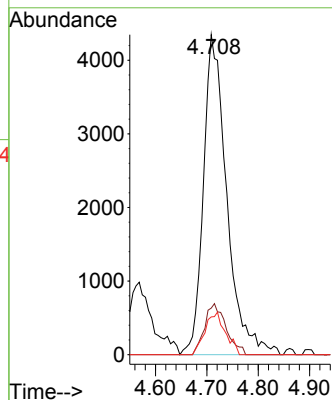
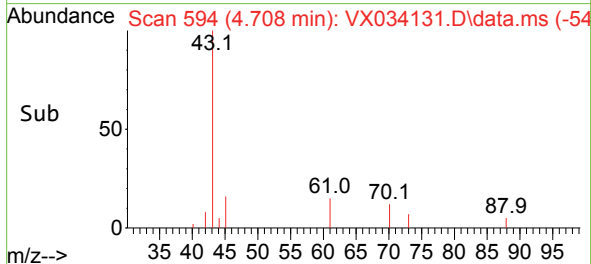
MSVOA_X

ClientSampleId :

JPP-48-020723



Tgt Ion: 43	Resp: 13754
Ion Ratio	Lower Upper
43 100	
61 14.6	11.1 16.7
70 11.5	8.5 12.7



#38

Carbon Tetrachloride

Concen: 6.498 ug/l

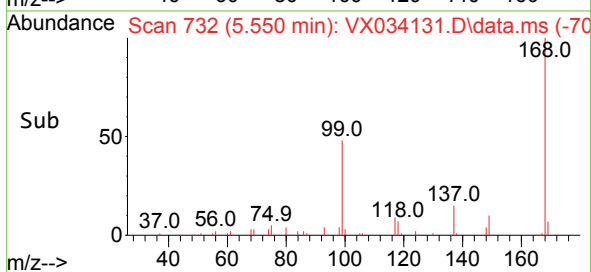
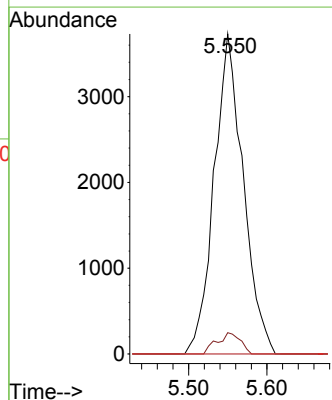
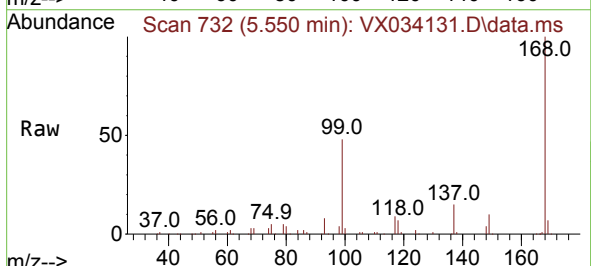
RT: 5.550 min Scan# 732

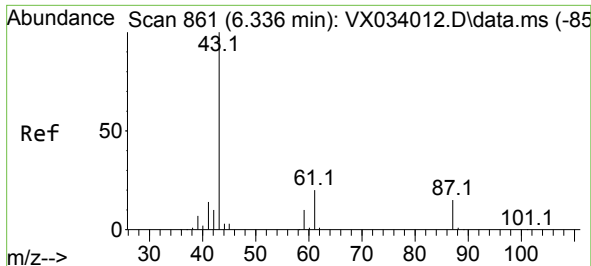
Delta R.T. -0.128 min

Lab File: VX034131.D

Acq: 10 Feb 2023 21:41

Tgt Ion:117	Resp:	9621	
Ion	Ratio	Lower	Upper
117	100		
119	6.6	78.0	117.0#
121	0.0	24.4	36.6#

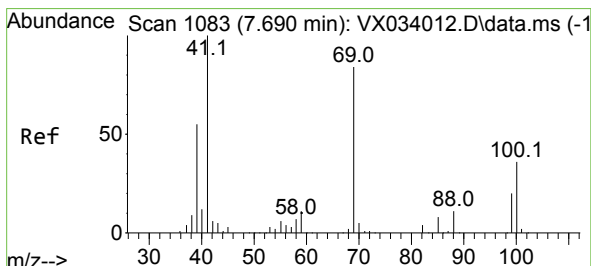
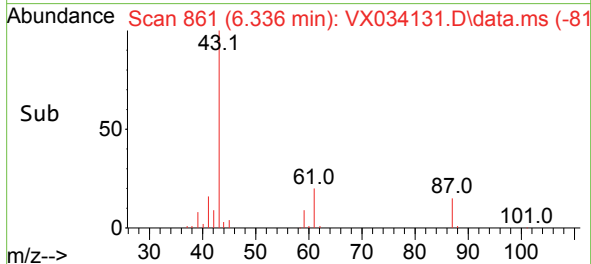
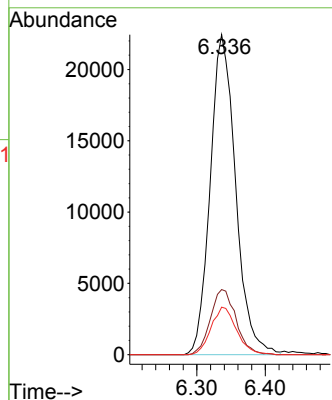
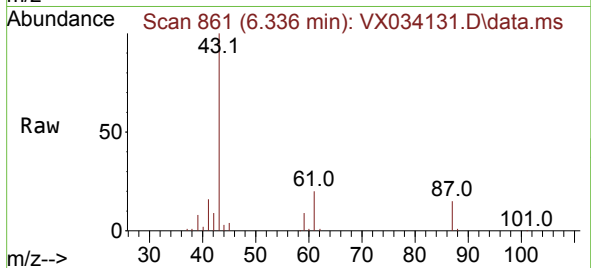




#43
Isopropyl Acetate
Concen: 28.658 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.000 min
Lab File: VX034131.D
Acq: 10 Feb 2023 21:41

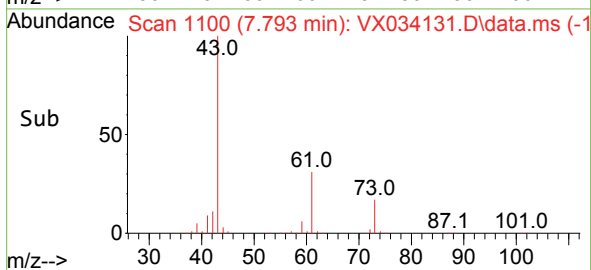
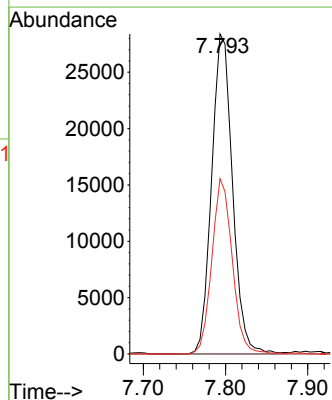
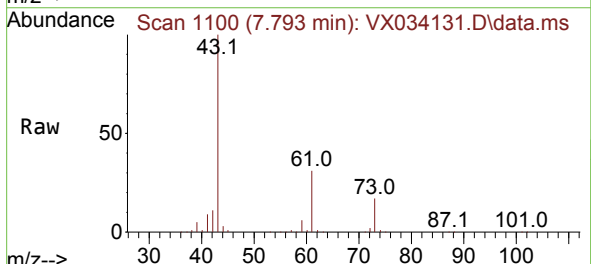
Instrument :
MSVOA_X
ClientSampleId :
JPP-48-020723

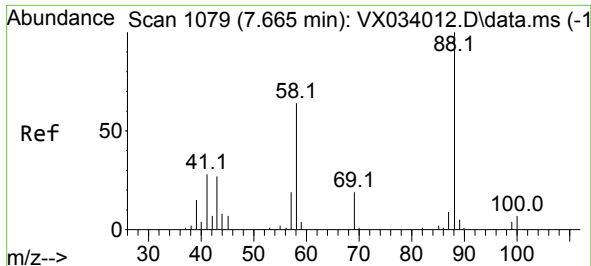
Tgt Ion: 43 Resp: 57802
Ion Ratio Lower Upper
43 100
61 20.5 15.7 23.5
87 14.9 10.6 15.8



#48
Methyl methacrylate
Concen: 48.129 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.104 min
Lab File: VX034131.D
Acq: 10 Feb 2023 21:41

Tgt Ion: 41 Resp: 50120
Ion Ratio Lower Upper
41 100
69 0.0 63.1 94.7#
39 53.5 43.2 64.8

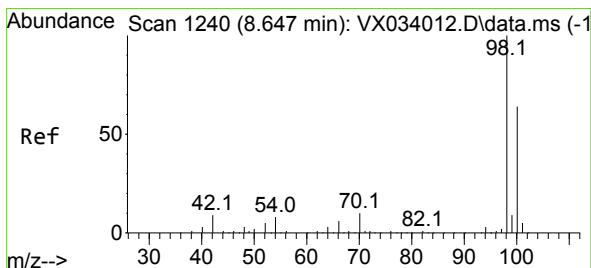
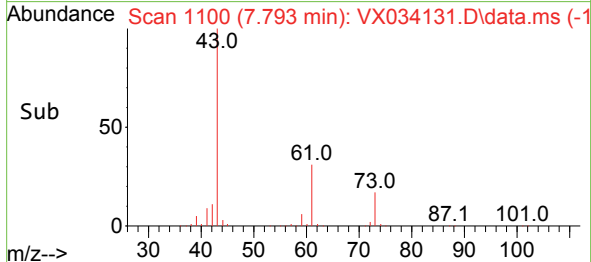
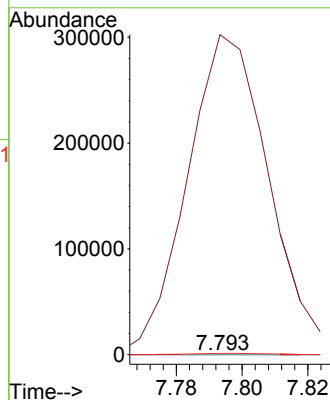
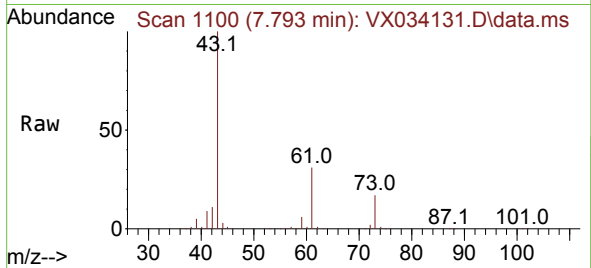




#49
1,4-Dioxane
Concen: 2.045 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.128 min
Lab File: VX034131.D
Acq: 10 Feb 2023 21:41

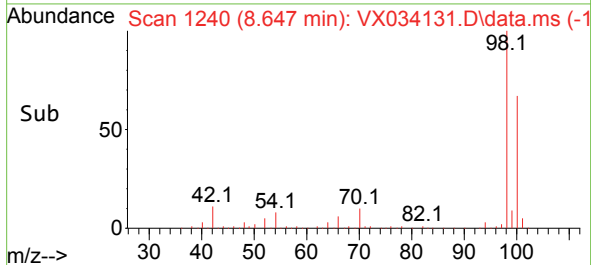
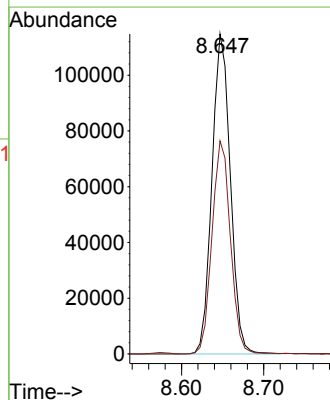
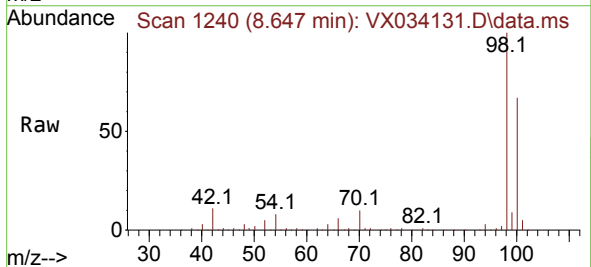
Instrument :
MSVOA_X
ClientSampleId :
JPP-48-020723

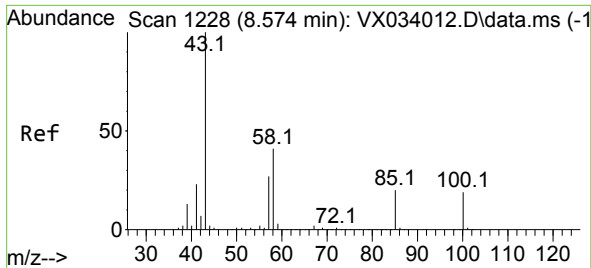
Tgt Ion: 88 Resp: 41
Ion Ratio Lower Upper
88 100
43 1293092.7 0.0 0.0#
58 5426.8 56.5 84.7#



#50
Toluene-d8
Concen: 48.891 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX034131.D
Acq: 10 Feb 2023 21:41

Tgt Ion: 98 Resp: 178369
Ion Ratio Lower Upper
98 100
100 66.9 53.6 80.4

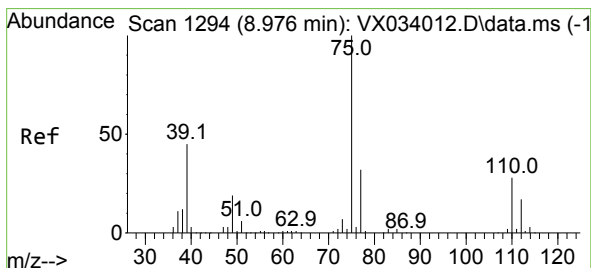
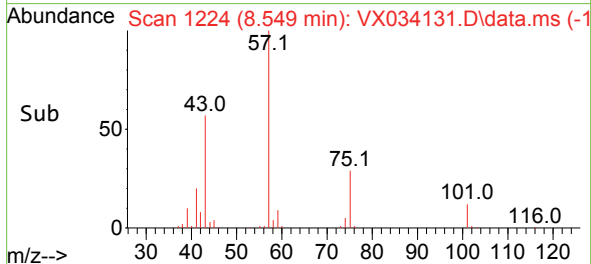
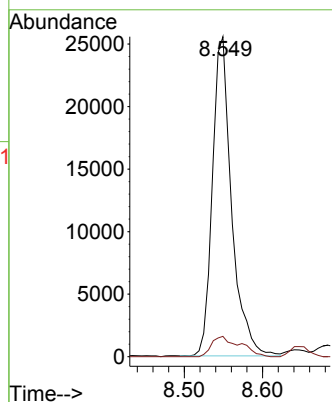
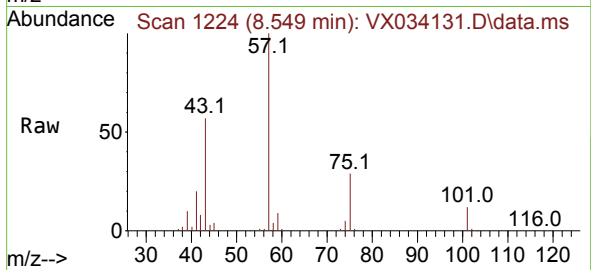




#51
4-Methyl-2-Pentanone
Concen: 34.295 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX034131.D
Acq: 10 Feb 2023 21:41

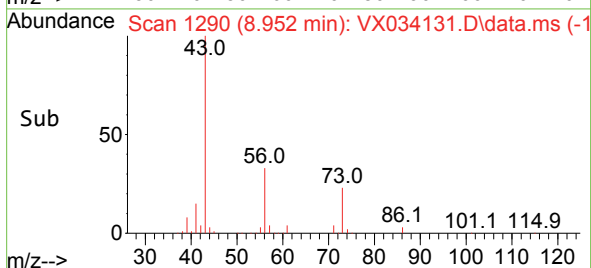
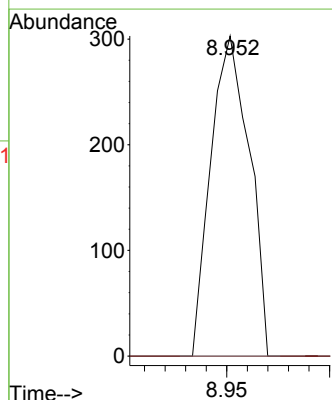
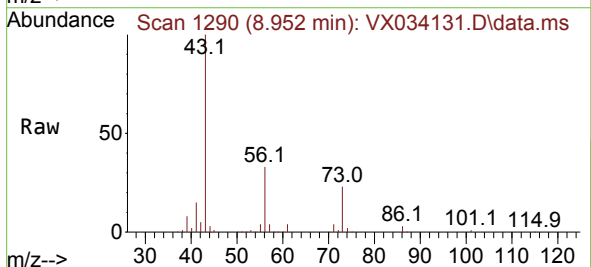
Instrument :
MSVOA_X
ClientSampleId :
JPP-48-020723

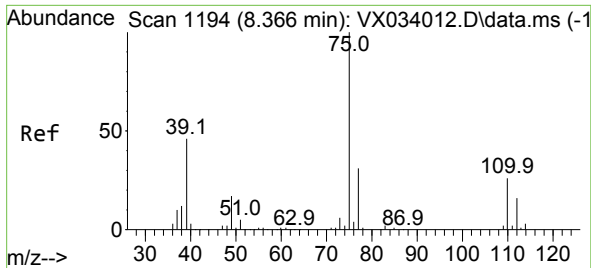
Tgt Ion: 43 Resp: 43388
Ion Ratio Lower Upper
43 100
58 9.5 31.2 46.8#



#53
t-1,3-Dichloropropene
Concen: 0.292 ug/l
RT: 8.952 min Scan# 1290
Delta R.T. -0.024 min
Lab File: VX034131.D
Acq: 10 Feb 2023 21:41

Tgt Ion: 75 Resp: 395
Ion Ratio Lower Upper
75 100
77 0.0 25.5 38.3#

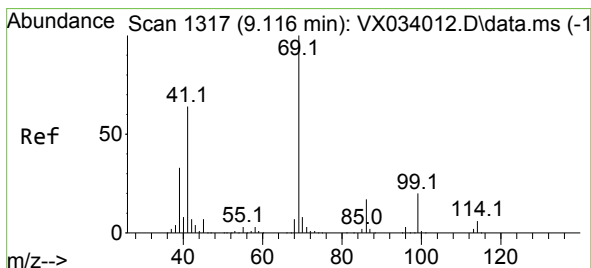
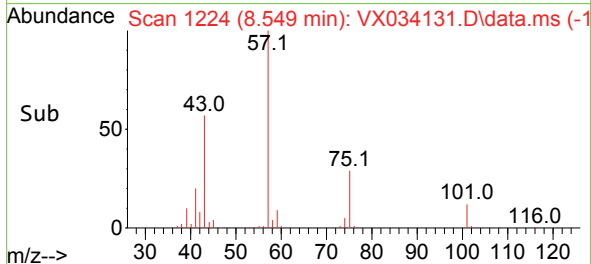
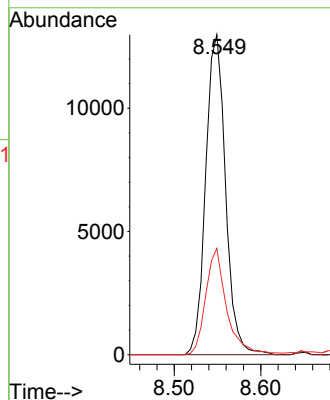
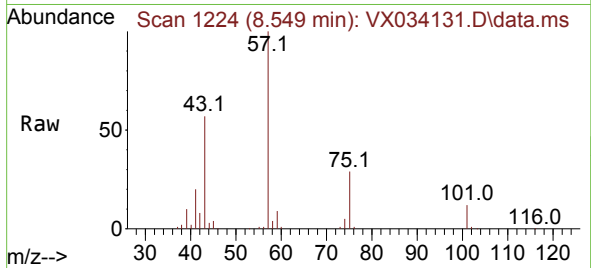




#54
 cis-1,3-Dichloropropene
 Concen: 13.403 ug/l
 RT: 8.549 min Scan# 1194
 Delta R.T. 0.183 min
 Lab File: VX034131.D
 Acq: 10 Feb 2023 21:41

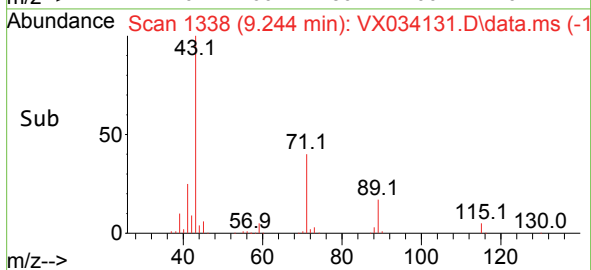
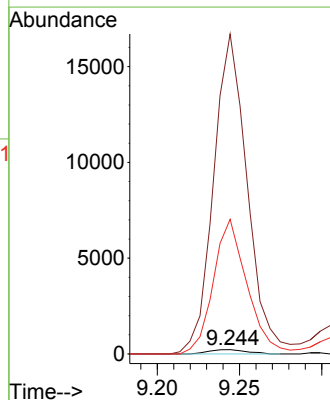
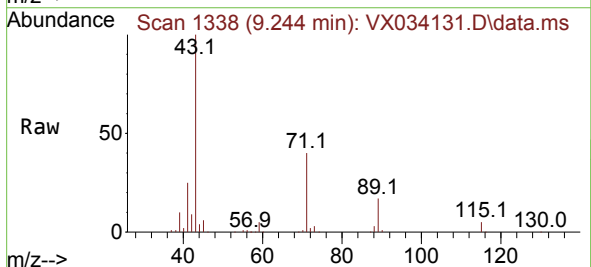
Instrument :
 MSVOA_X
 ClientSampleId :
 JPP-48-020723

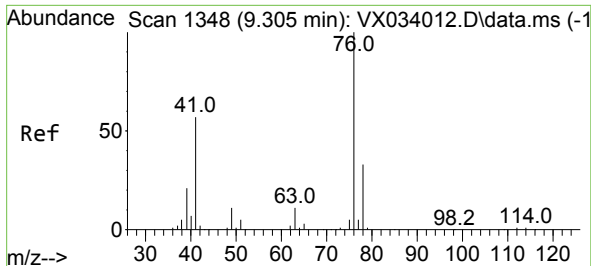
Tgt Ion: 75 Resp: 20639
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.0 37.6#
 39 33.2 38.6 58.0#



#56
 Ethyl methacrylate
 Concen: 0.248 ug/l
 RT: 9.244 min Scan# 1338
 Delta R.T. 0.128 min
 Lab File: VX034131.D
 Acq: 10 Feb 2023 21:41

Tgt Ion: 69 Resp: 360
 Ion Ratio Lower Upper
 69 100
 41 6628.9 55.1 82.7#
 39 2789.2 28.5 42.7#





#57

1,3-Dichloropropane

Concen: 1.607 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.177 min

Lab File: VX034131.D

Acq: 10 Feb 2023 21:41

Instrument :

MSVOA_X

ClientSampleId :

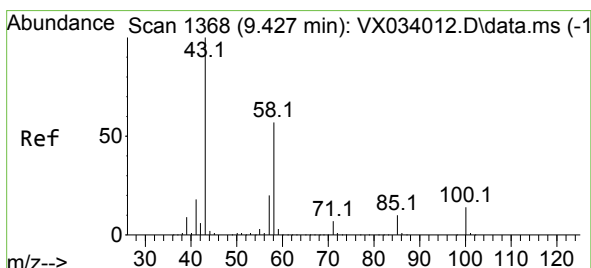
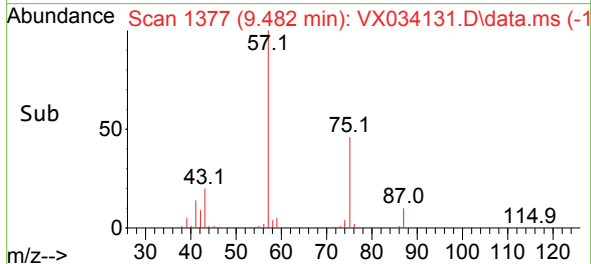
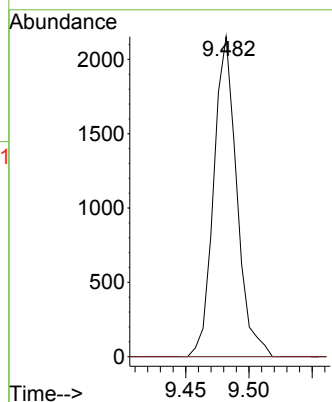
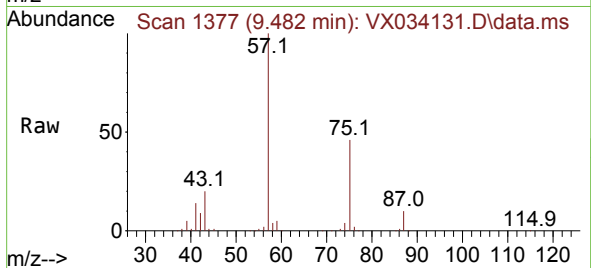
JPP-48-020723

Tgt Ion: 76 Resp: 2730

Ion Ratio Lower Upper

76 100

78 0.0 25.6 38.4#



#59

2-Hexanone

Concen: 58.913 ug/l

RT: 9.378 min Scan# 1360

Delta R.T. -0.049 min

Lab File: VX034131.D

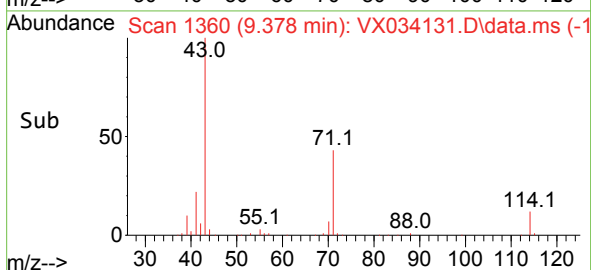
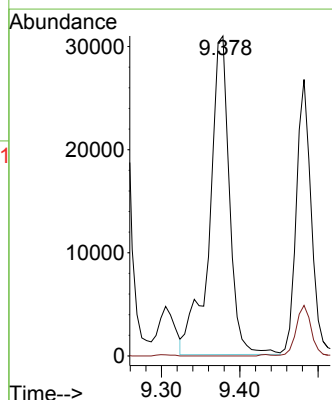
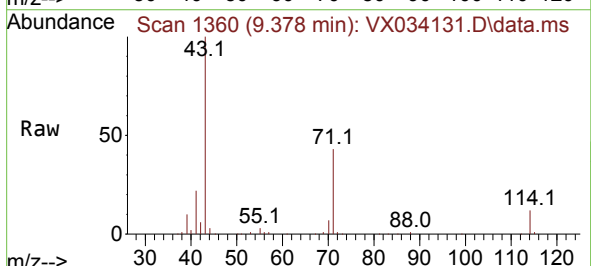
Acq: 10 Feb 2023 21:41

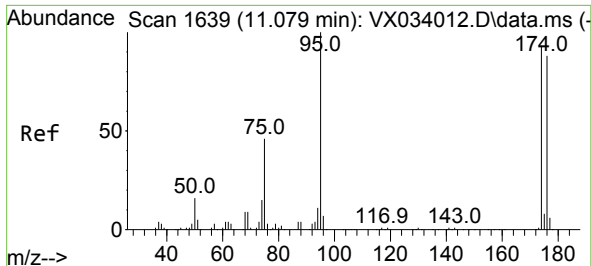
Tgt Ion: 43 Resp: 54544

Ion Ratio Lower Upper

43 100

58 0.0 27.4 82.0#

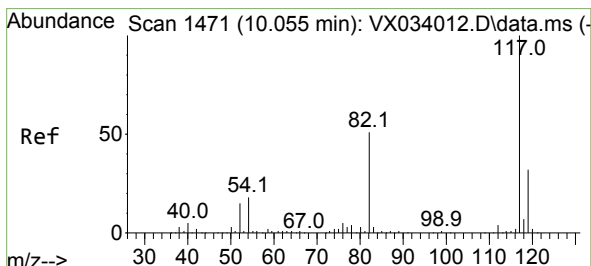
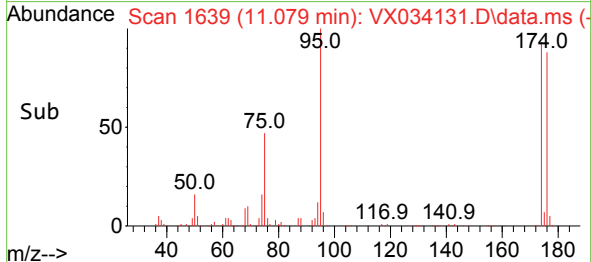
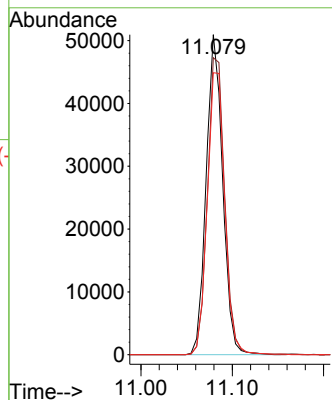
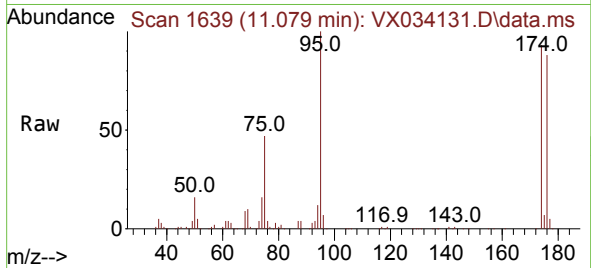




#62
4-Bromofluorobenzene
Concen: 48.897 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX034131.D
Acq: 10 Feb 2023 21:41

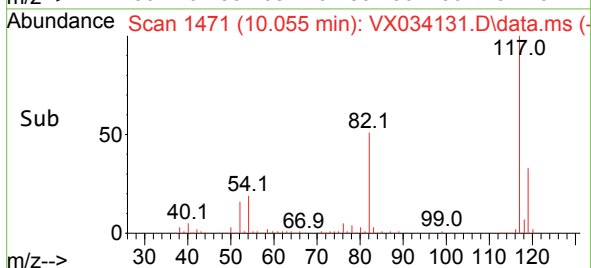
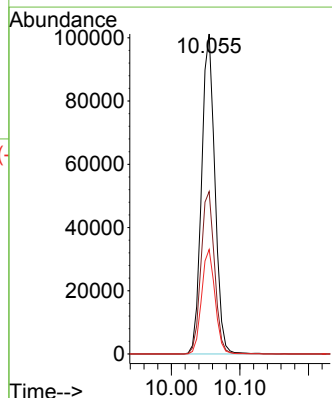
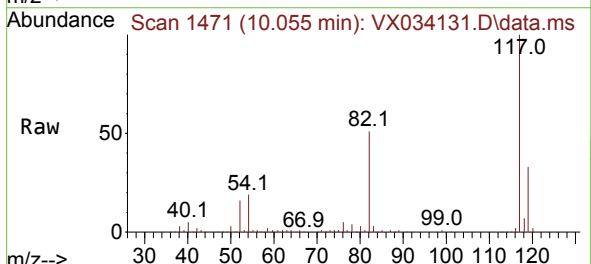
Instrument :
MSVOA_X
ClientSampleId :
JPP-48-020723

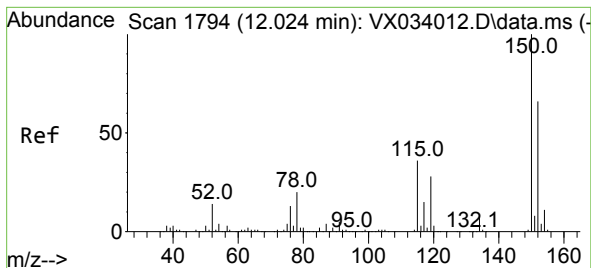
Tgt Ion: 95 Resp: 63713
Ion Ratio Lower Upper
95 100
174 97.2 0.0 184.4
176 93.8 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034131.D
Acq: 10 Feb 2023 21:41

Tgt Ion: 117 Resp: 137183
Ion Ratio Lower Upper
117 100
82 50.8 40.6 60.8
119 32.6 25.6 38.4

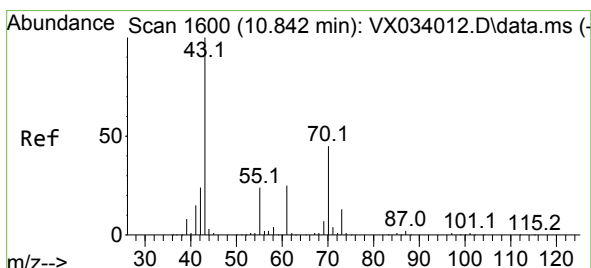
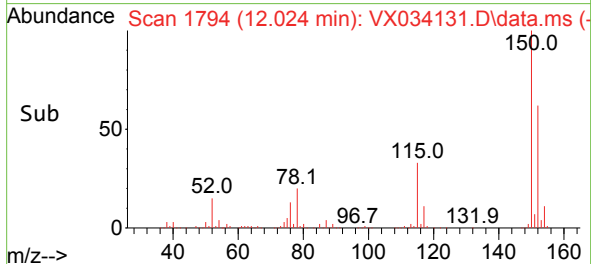
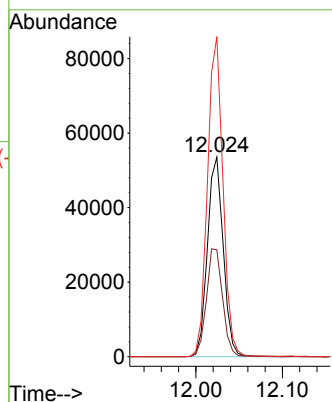
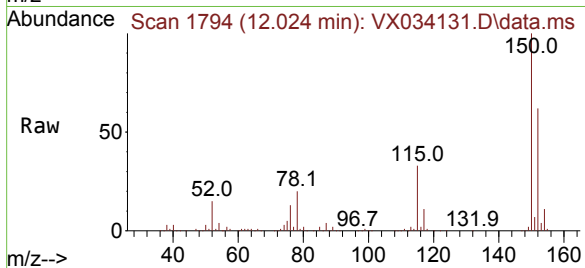




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX034131.D
 Acq: 10 Feb 2023 21:41

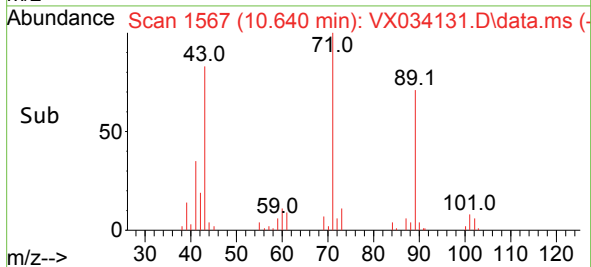
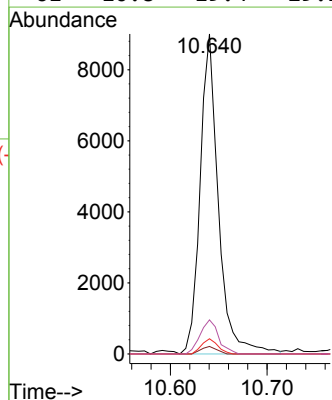
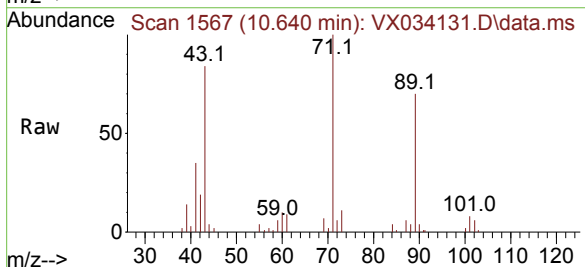
Instrument :
 MSVOA_X
 ClientSampleId :
 JPP-48-020723

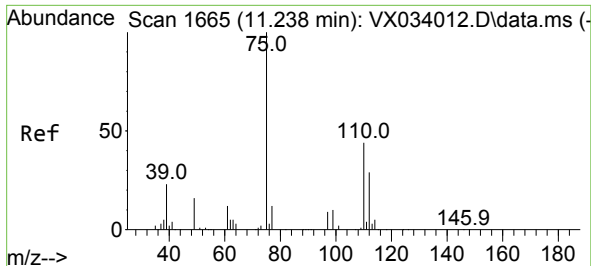
Tgt Ion:152 Resp: 68013
 Ion Ratio Lower Upper
 152 100
 115 55.2 38.7 116.1
 150 156.7 0.0 348.2



#74
 N-ethyl acetate
 Concen: 7.908 ug/l
 RT: 10.640 min Scan# 1567
 Delta R.T. -0.201 min
 Lab File: VX034131.D
 Acq: 10 Feb 2023 21:41

Tgt Ion: 43 Resp: 11842
 Ion Ratio Lower Upper
 43 100
 70 2.0 34.8 52.2#
 55 4.2 19.4 29.0#
 61 10.8 19.4 29.2#

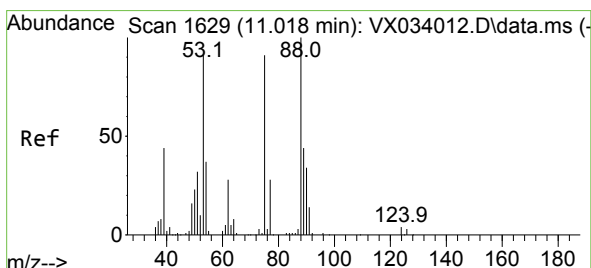
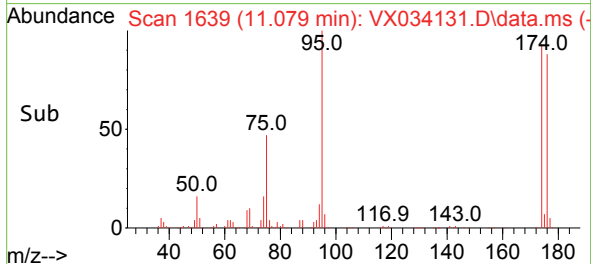
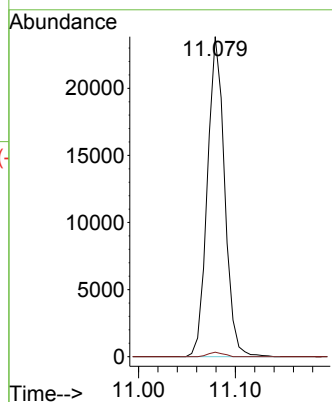
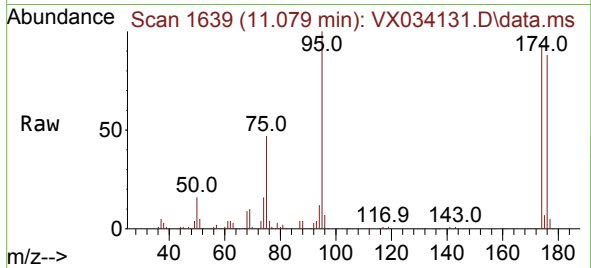




#76
1,2,3-Trichloropropane
Concen: 25.278 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX034131.D
Acq: 10 Feb 2023 21:41

Instrument :
MSVOA_X
ClientSampleId :
JPP-48-020723

Tgt Ion: 75 Resp: 29521
Ion Ratio Lower Upper
75 100
77 1.2 21.8 65.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.848 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX034131.D
Acq: 10 Feb 2023 21:41

Tgt Ion: 75 Resp: 29521
Ion Ratio Lower Upper
75 100
53 0.0 83.0 124.6#
89 0.0 37.7 56.5#

