

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032323\
 Data File : VX034694.D
 Acq On : 23 Mar 2023 13:33
 Operator : JC/MD
 Sample : 02021-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 JPP-6E-032023

Quant Time: Mar 24 05:43:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

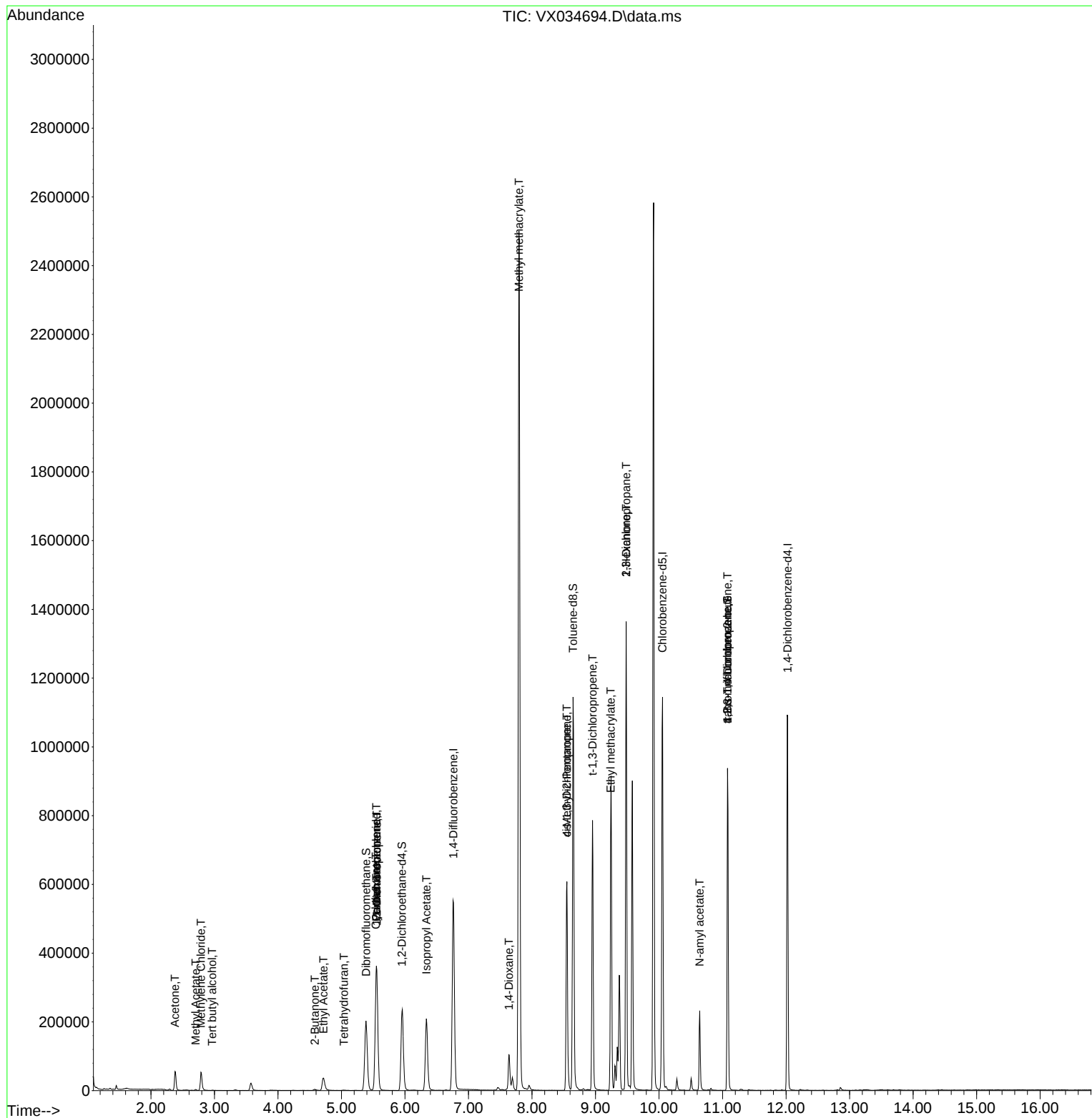
Internal Standards						
1) Pentafluorobenzene	5.550	168	329762	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	553421	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	496272	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	223590	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	234461	48.873	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.740%		
35) Dibromofluoromethane	5.385	113	173710	47.540	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.080%		
50) Toluene-d8	8.647	98	660951	48.455	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.920%		
62) 4-Bromofluorobenzene	11.079	95	257028	46.650	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.300%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	405	Below Cal	#	42
11) Tert butyl alcohol	2.965	59	977	0.978	ug/l #	73
16) Acetone	2.379	43	62341	27.587	ug/l	96
18) Methyl Acetate	2.703	43	3729	0.505	ug/l #	89
20) Methylene Chloride	2.788	84	23784	5.423	ug/l	97
25) 2-Butanone	4.580	43	6499	2.010	ug/l #	89
29) Tetrahydrofuran	5.038	42	766	0.384	ug/l #	69
31) Cyclohexane	5.544	56	7686	1.142	ug/l #	15
36) 1,1-Dichloropropene	5.556	75	28577	5.092	ug/l #	50
37) Ethyl Acetate	4.714	43	66762	10.889	ug/l	97
38) Carbon Tetrachloride	5.550	117	34432	6.167	ug/l #	16
43) Isopropyl Acetate	6.336	43	287551	27.685	ug/l	100
48) Methyl methacrylate	7.793	41	227957	45.633	ug/l #	45
49) 1,4-Dioxane	7.635	88	49	0.467	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	223176	37.039	ug/l #	50
53) t-1,3-Dichloropropene	8.951	75	1925	0.303	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	97195	14.138	ug/l #	58
56) Ethyl methacrylate	9.238	69	1686	0.255	ug/l #	1
57) 1,3-Dichloropropane	9.482	76	11037	1.539	ug/l #	42
59) 2-Hexanone	9.482	43	165107	35.448	ug/l #	51
74) N-amyl acetate	10.640	43	62442	7.544	ug/l #	53
76) 1,2,3-Trichloropropane	11.079	75	133961	26.093	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	133961	70.591	ug/l #	8

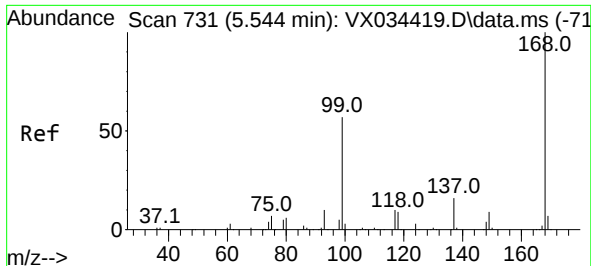
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

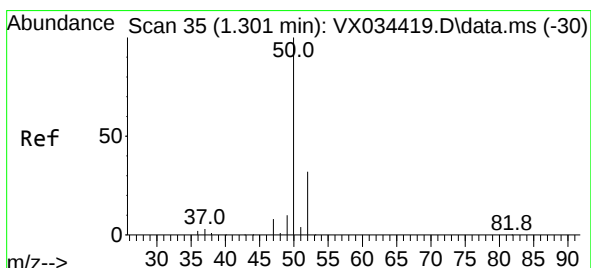
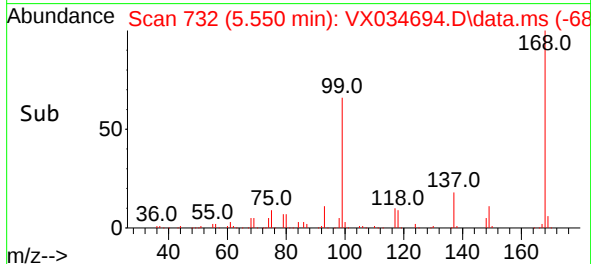
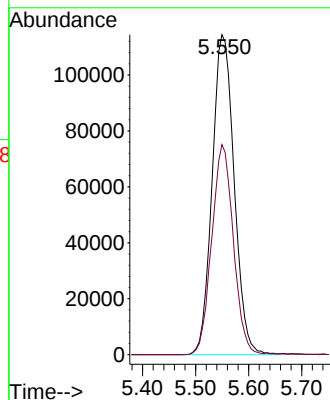
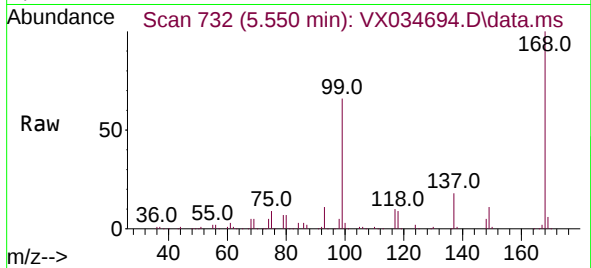




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034694.D
Acq: 23 Mar 2023 13:33

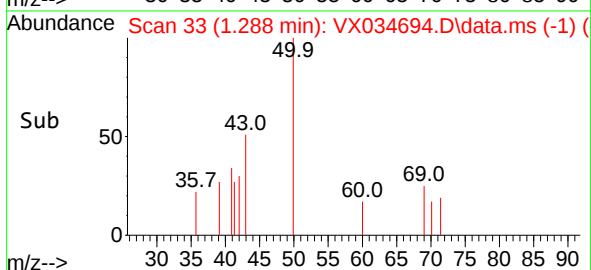
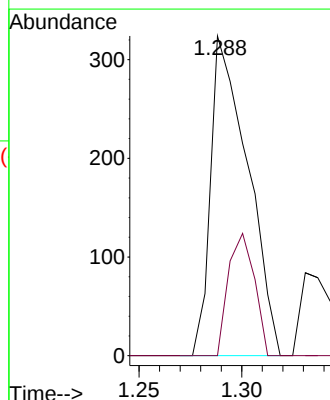
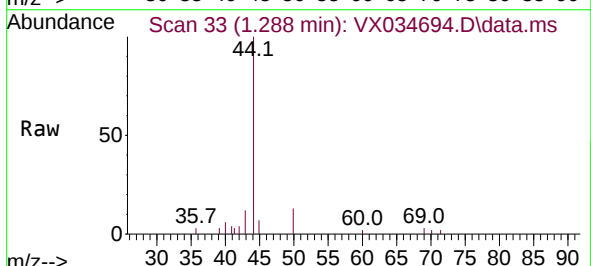
Instrument :
MSVOA_X
ClientSampleId :
JPP-6E-032023

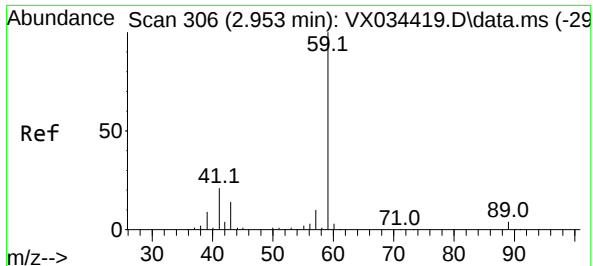
Tgt Ion:168 Resp: 329762
Ion Ratio Lower Upper
168 100
99 65.7 45.7 68.5



#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. -0.013 min
Lab File: VX034694.D
Acq: 23 Mar 2023 13:33

Tgt Ion: 50 Resp: 405
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#





#11

Tert butyl alcohol

Concen: 0.978 ug/l

RT: 2.965 min Scan# 306

Delta R.T. 0.012 min

Lab File: VX034694.D

Acq: 23 Mar 2023 13:33

Instrument :

MSVOA_X

ClientSampleId :

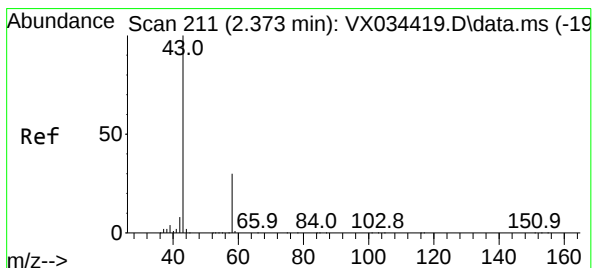
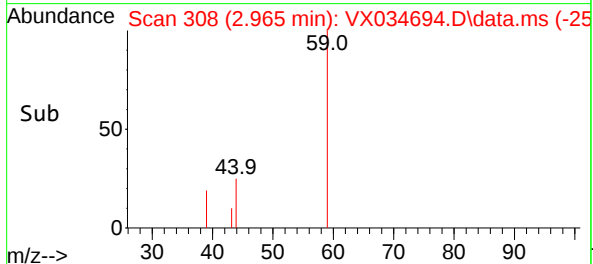
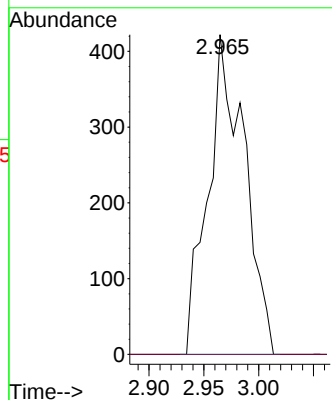
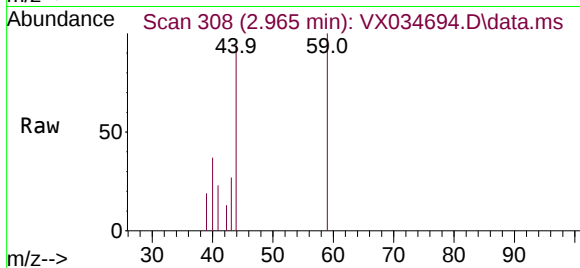
JPP-6E-032023

Tgt Ion: 59 Resp: 977

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#



#16

Acetone

Concen: 27.587 ug/l

RT: 2.379 min Scan# 212

Delta R.T. 0.006 min

Lab File: VX034694.D

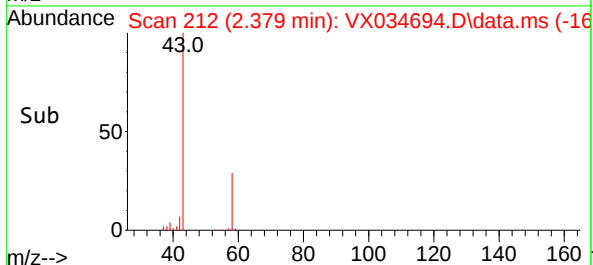
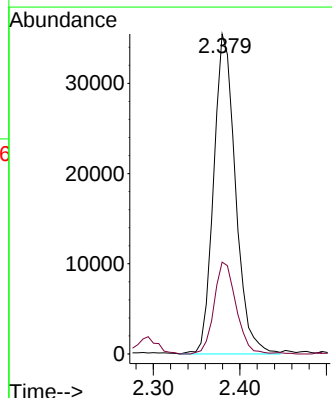
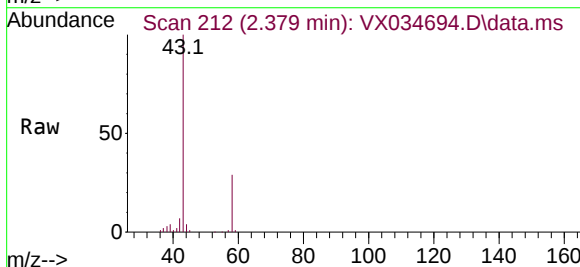
Acq: 23 Mar 2023 13:33

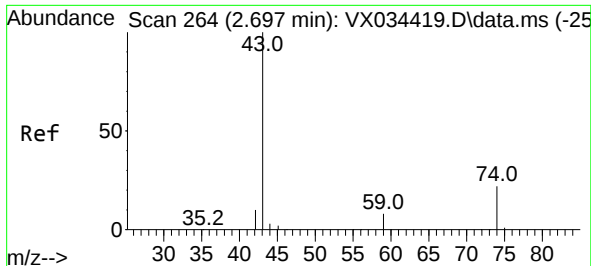
Tgt Ion: 43 Resp: 62341

Ion Ratio Lower Upper

43 100

58 28.7 24.7 37.1

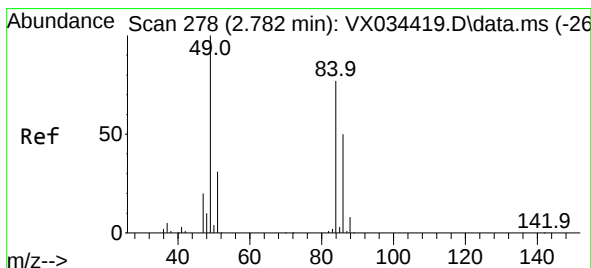
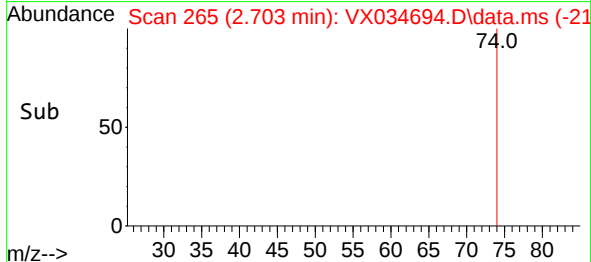
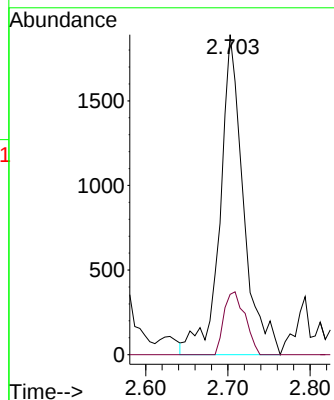
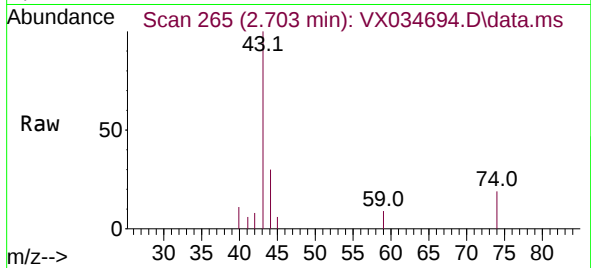




#18
Methyl Acetate
Concen: 0.505 ug/l
RT: 2.703 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX034694.D
Acq: 23 Mar 2023 13:33

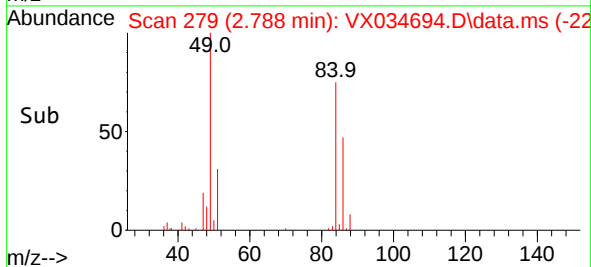
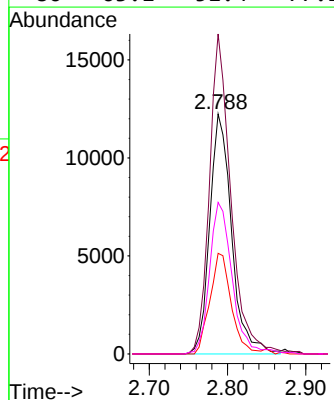
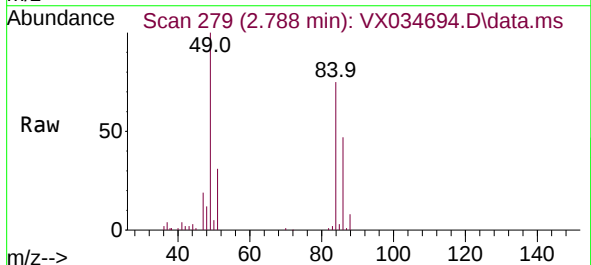
Instrument :
MSVOA_X
ClientSampleId :
JPP-6E-032023

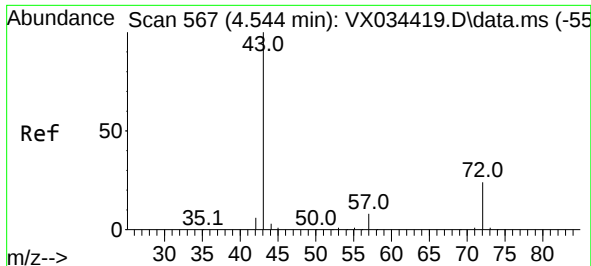
Tgt Ion: 43 Resp: 3729
Ion Ratio Lower Upper
43 100
74 17.8 18.3 27.5#



#20
Methylene Chloride
Concen: 5.423 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX034694.D
Acq: 23 Mar 2023 13:33

Tgt Ion: 84 Resp: 23784
Ion Ratio Lower Upper
84 100
49 133.3 103.8 155.8
51 41.9 31.8 47.8
86 63.1 51.4 77.2

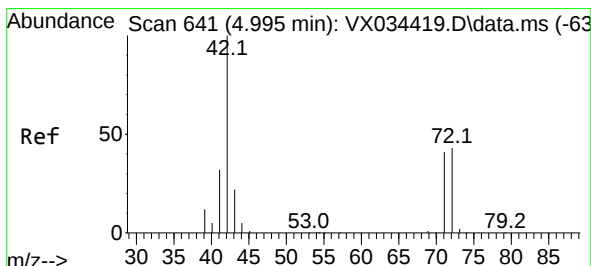
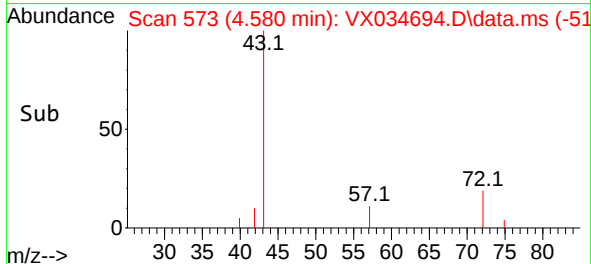
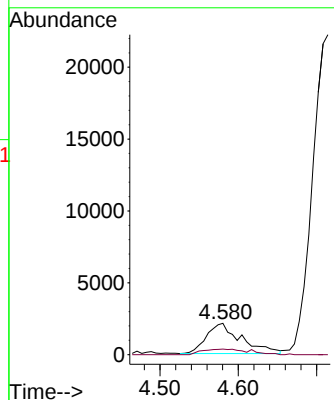
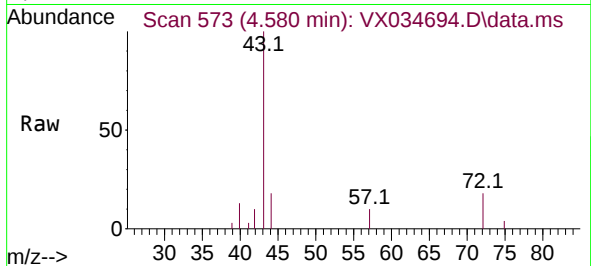




#25
2-Butanone
Concen: 2.010 ug/l
RT: 4.580 min Scan# 51
Delta R.T. 0.036 min
Lab File: VX034694.D
Acq: 23 Mar 2023 13:33

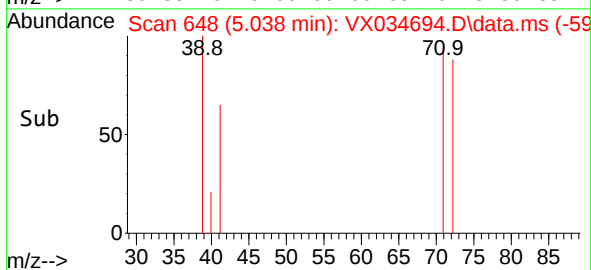
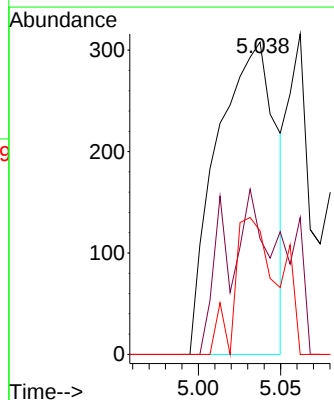
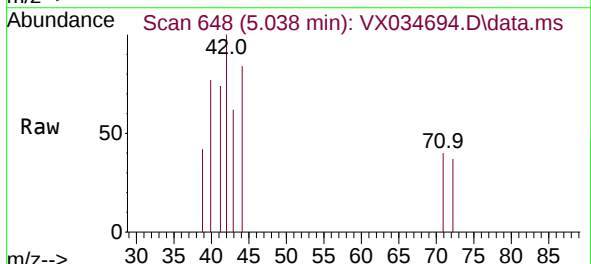
Instrument :
MSVOA_X
ClientSampleId :
JPP-6E-032023

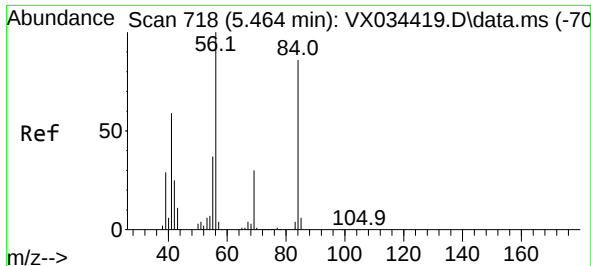
Tgt Ion: 43 Resp: 6499
Ion Ratio Lower Upper
43 100
72 18.8 19.3 28.9#



#29
Tetrahydrofuran
Concen: 0.384 ug/l
RT: 5.038 min Scan# 648
Delta R.T. 0.043 min
Lab File: VX034694.D
Acq: 23 Mar 2023 13:33

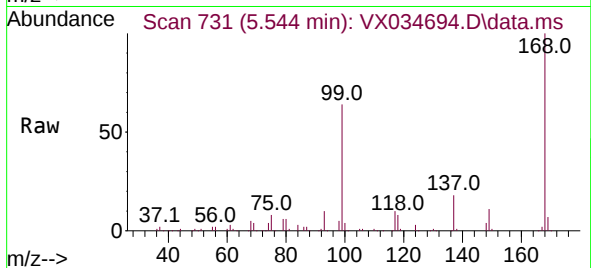
Tgt Ion: 42 Resp: 766
Ion Ratio Lower Upper
42 100
72 12.4 34.5 51.7#
71 32.8 32.1 48.1



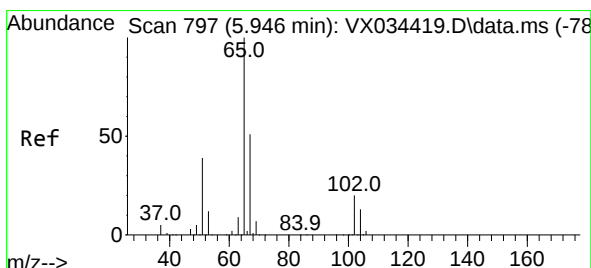
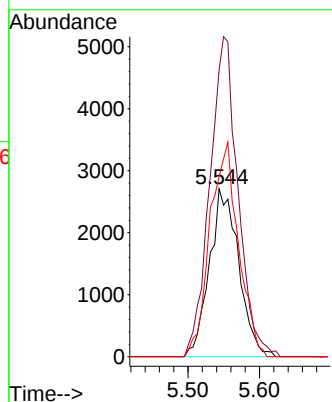
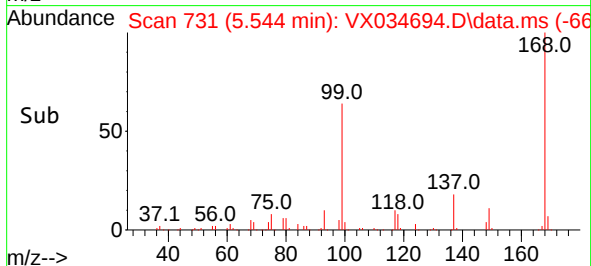


#31
Cyclohexane
Concen: 1.142 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX034694.D
Acq: 23 Mar 2023 13:33

Instrument :
MSVOA_X
ClientSampleId :
JPP-6E-032023

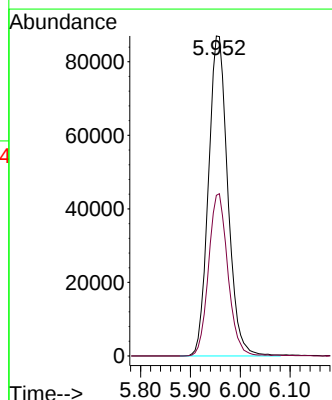
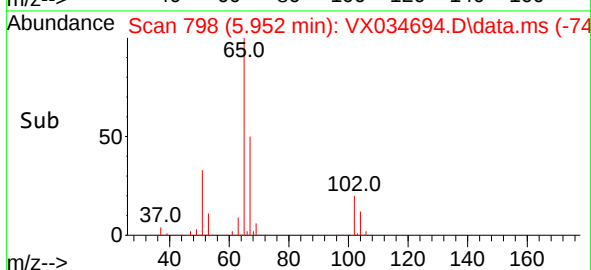
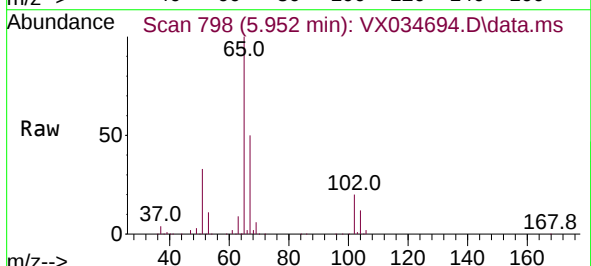


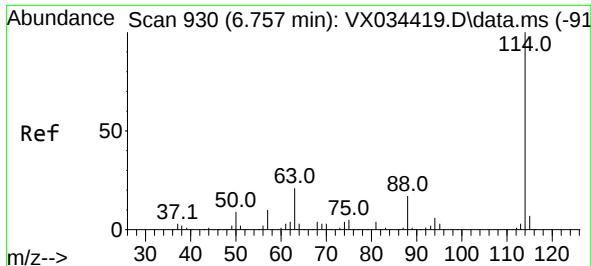
Tgt Ion: 56 Resp: 7686
Ion Ratio Lower Upper
56 100
69 170.7 23.7 35.5#
84 107.2 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 48.873 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX034694.D
Acq: 23 Mar 2023 13:33

Tgt Ion: 65 Resp: 234461
Ion Ratio Lower Upper
65 100
67 50.6 0.0 104.0

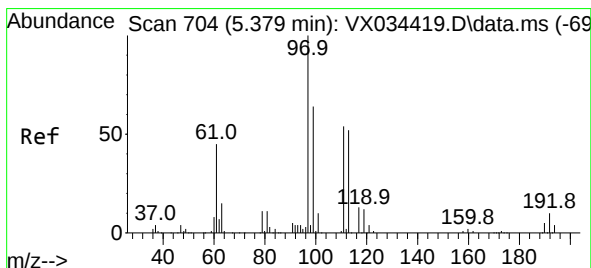
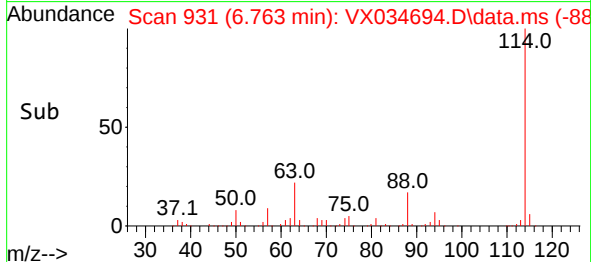
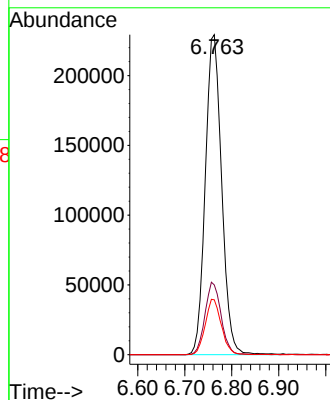
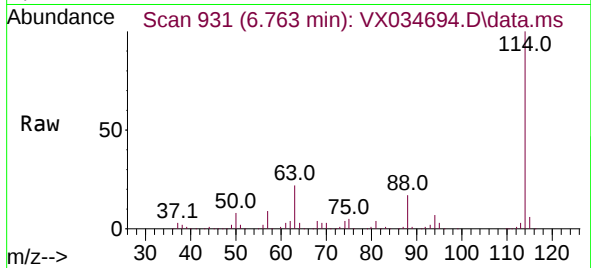




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX034694.D
Acq: 23 Mar 2023 13:33

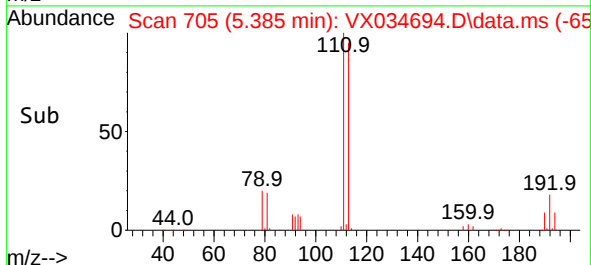
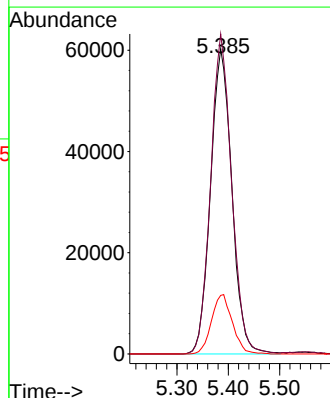
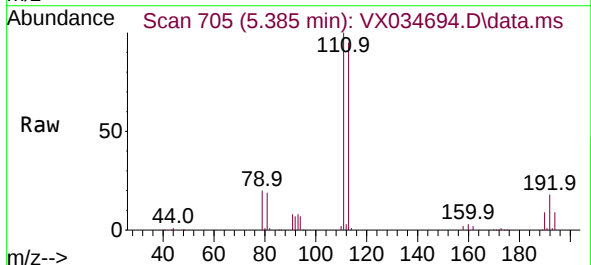
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JPP-6E-032023

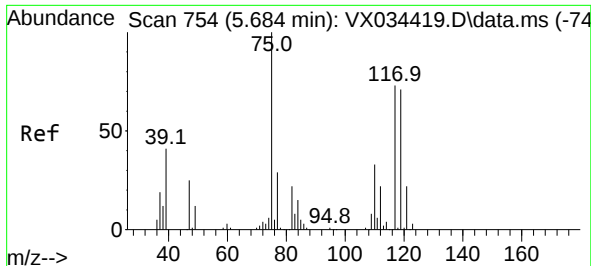
Tgt Ion:114 Resp: 553421
Ion Ratio Lower Upper
114 100
63 21.8 0.0 42.2
88 17.1 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.540 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034694.D
Acq: 23 Mar 2023 13:33

Tgt Ion:113 Resp: 173710
Ion Ratio Lower Upper
113 100
111 103.1 83.7 125.5
192 19.0 15.4 23.2

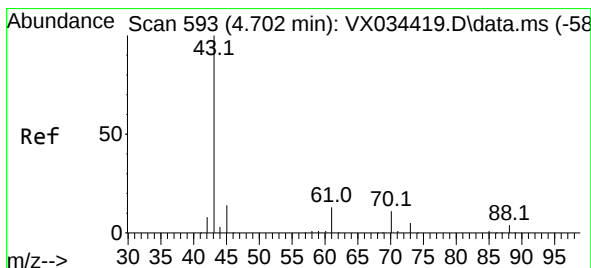
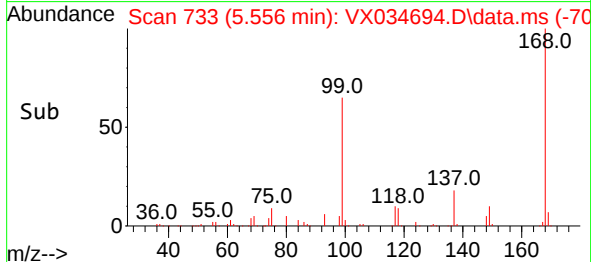
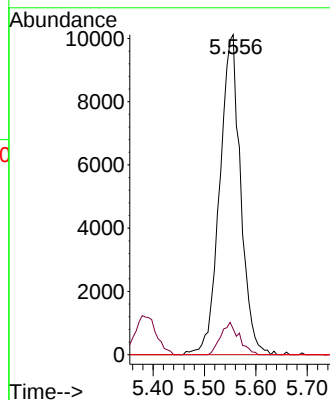
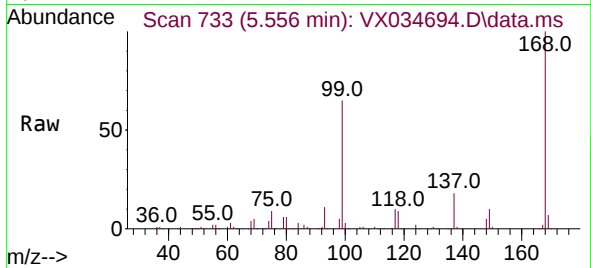




#36
1,1-Dichloropropene
Concen: 5.092 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX034694.D
Acq: 23 Mar 2023 13:33

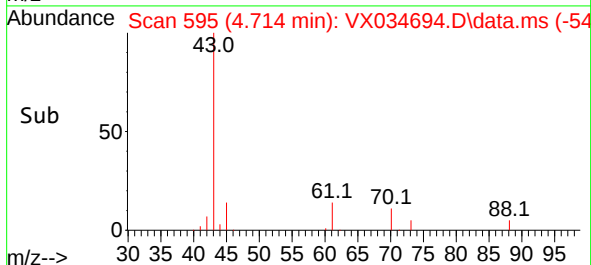
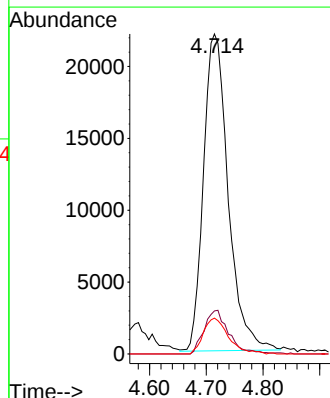
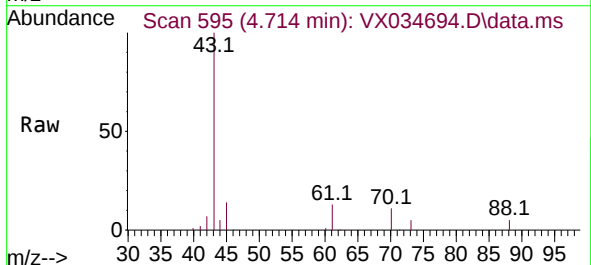
Instrument :
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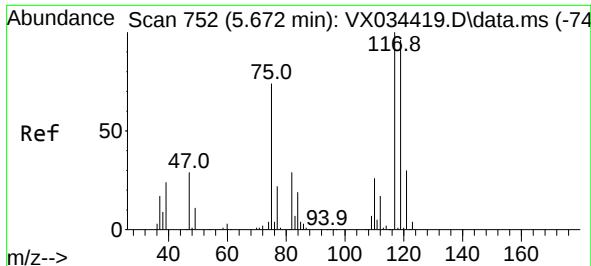
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Ion Ratio Lower Upper
75 100
110 8.9 17.5 52.5#
77 0.0 24.3 36.5#



#37
Ethyl Acetate
Concen: 10.889 ug/l
RT: 4.714 min Scan# 595
Delta R.T. 0.012 min
Lab File: VX034694.D
Acq: 23 Mar 2023 13:33

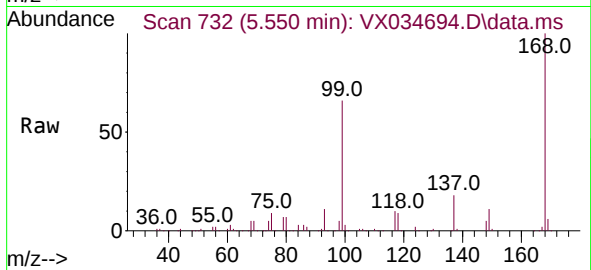
Tgt Ion: 43 Resp: 66762
Ion Ratio Lower Upper
43 100
61 13.7 10.2 15.4
70 11.5 8.2 12.4



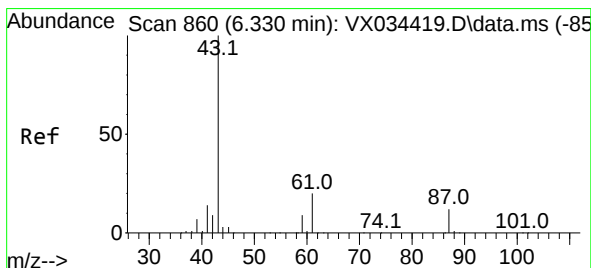
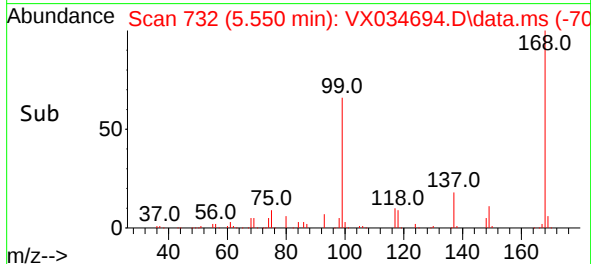
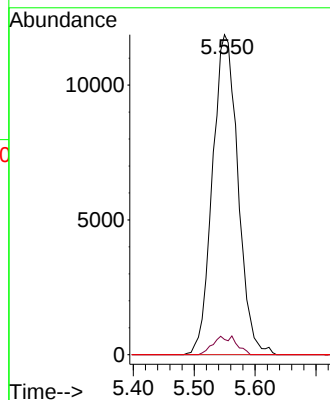


#38
Carbon Tetrachloride
Concen: 6.167 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX034694.D
Acq: 23 Mar 2023 13:33

Instrument :
MSVOA_X
ClientSampleId :
JPP-6E-032023

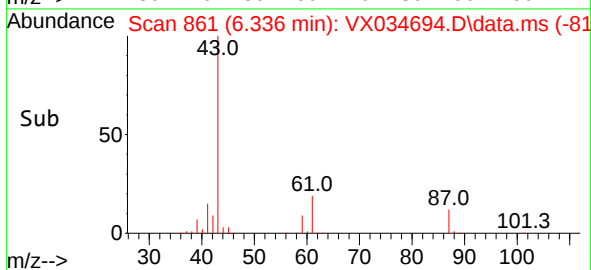
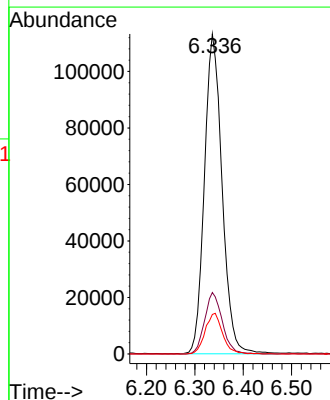
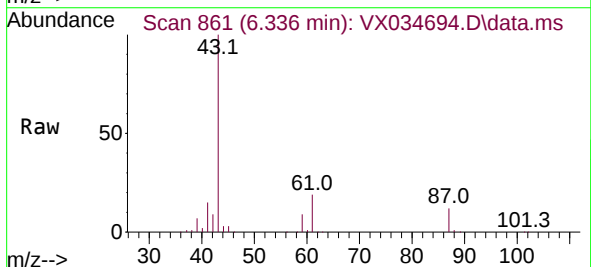


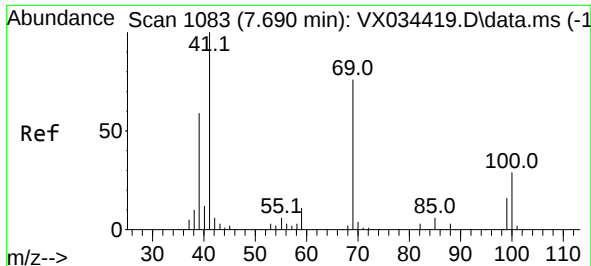
Tgt Ion:117 Resp: 34432
Ion Ratio Lower Upper
117 100
119 4.8 76.6 114.8#
121 0.0 23.8 35.6#



#43
Isopropyl Acetate
Concen: 27.685 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.006 min
Lab File: VX034694.D
Acq: 23 Mar 2023 13:33

Tgt Ion: 43 Resp: 287551
Ion Ratio Lower Upper
43 100
61 19.2 15.2 22.8
87 12.5 9.8 14.8

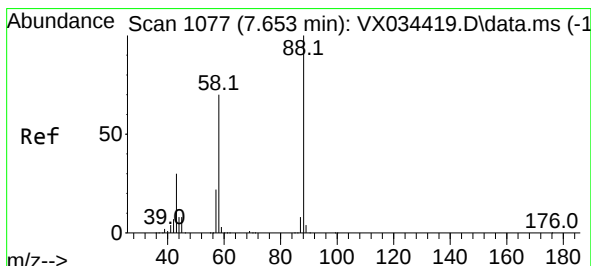
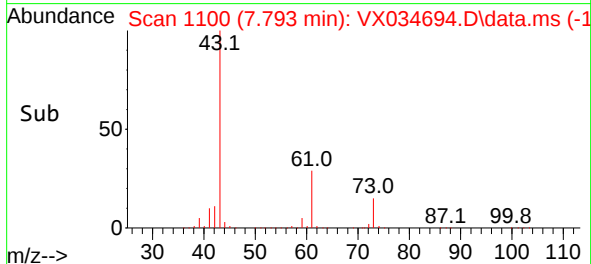
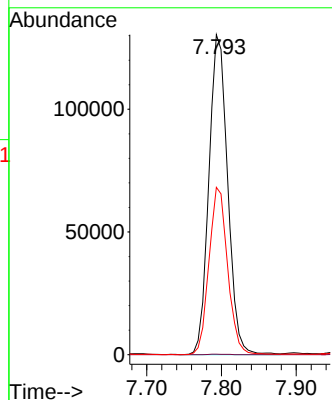
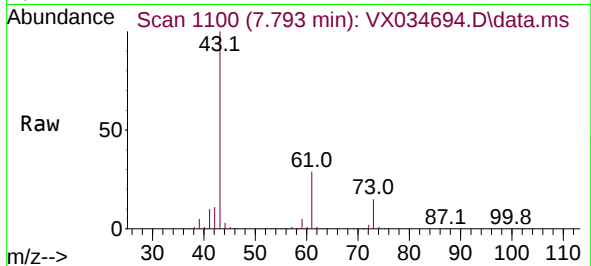




#48
Methyl methacrylate
Concen: 45.633 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.104 min
Lab File: VX034694.D
Acq: 23 Mar 2023 13:33

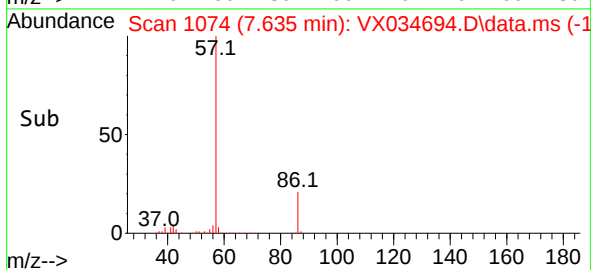
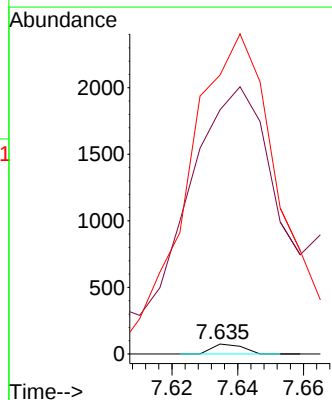
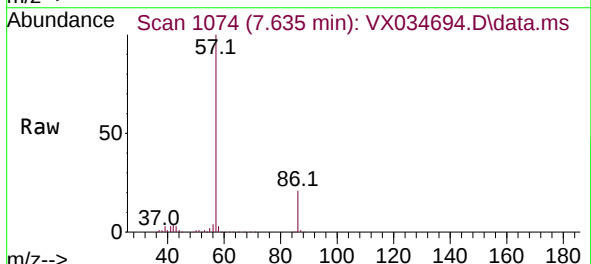
Instrument :
MSVOA_X
ClientSampleId :
JPP-6E-032023

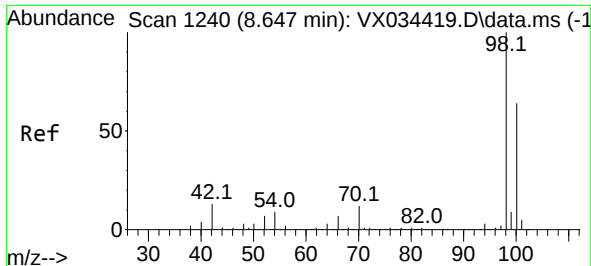
Tgt Ion: 41 Resp: 227957
Ion Ratio Lower Upper
41 100
69 0.1 62.2 93.4#
39 52.0 47.7 71.5



#49
1,4-Dioxane
Concen: 0.467 ug/l
RT: 7.635 min Scan# 1074
Delta R.T. -0.018 min
Lab File: VX034694.D
Acq: 23 Mar 2023 13:33

Tgt Ion: 88 Resp: 49
Ion Ratio Lower Upper
88 100
43 0.0 27.7 41.5#
58 9459.2 56.8 85.2#

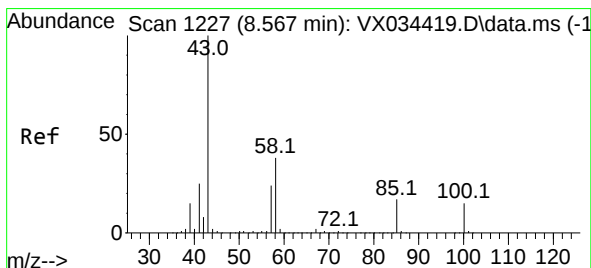
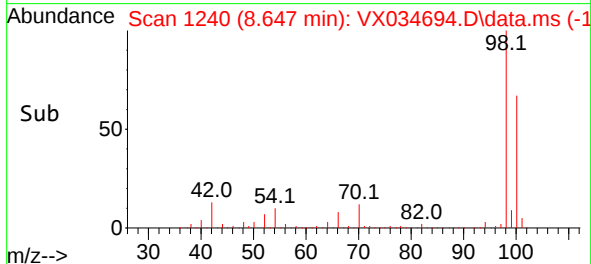
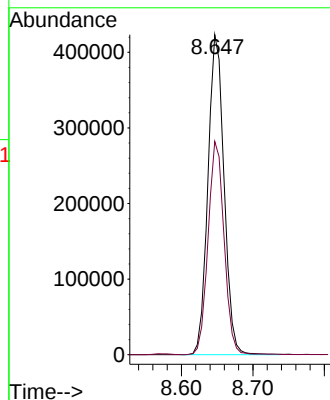
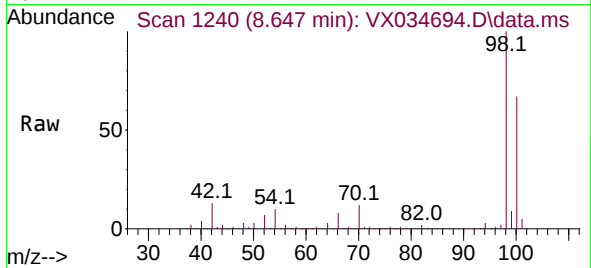




#50
Toluene-d8
Concen: 48.455 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034694.D
Acq: 23 Mar 2023 13:33

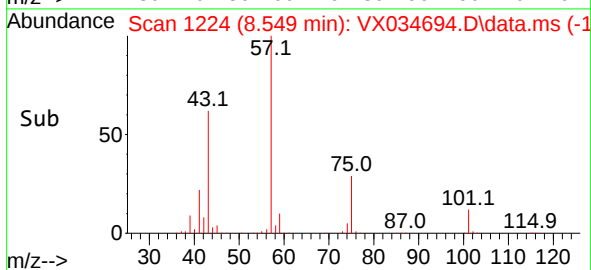
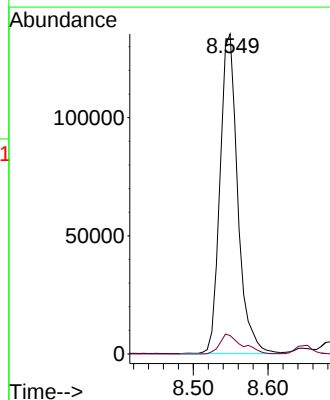
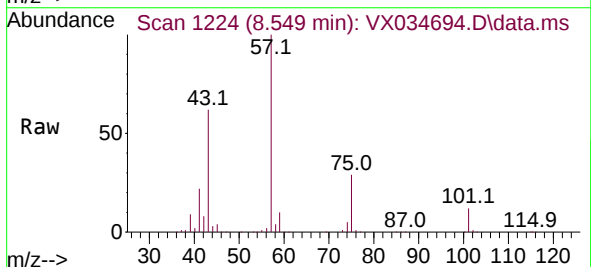
Instrument :
MSVOA_X
ClientSampleId :
JPP-6E-032023

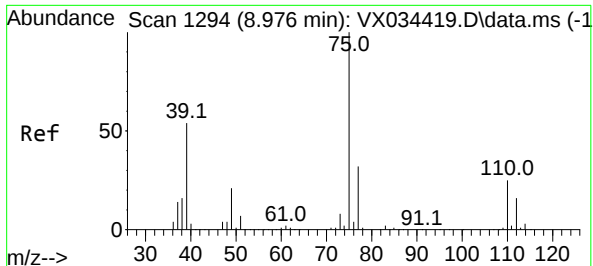
Tgt Ion: 98 Resp: 660951
Ion Ratio Lower Upper
98 100
100 66.5 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 37.039 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.018 min
Lab File: VX034694.D
Acq: 23 Mar 2023 13:33

Tgt Ion: 43 Resp: 223176
Ion Ratio Lower Upper
43 100
58 7.8 30.6 46.0#





#53

t-1,3-Dichloropropene

Concen: 0.303 ug/l

RT: 8.951 min Scan# 11

Delta R.T. -0.024 min

Lab File: VX034694.D

Acq: 23 Mar 2023 13:33

Instrument :

MSVOA_X

ClientSampleId :

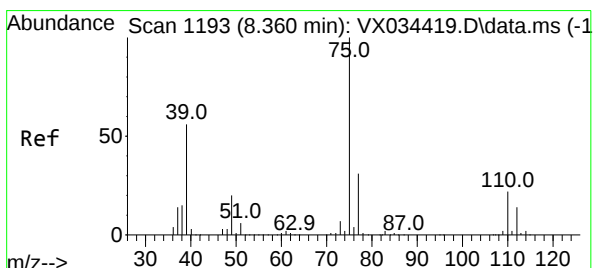
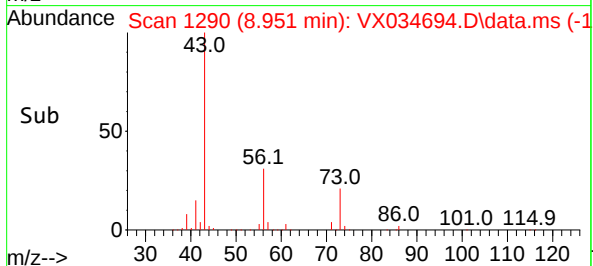
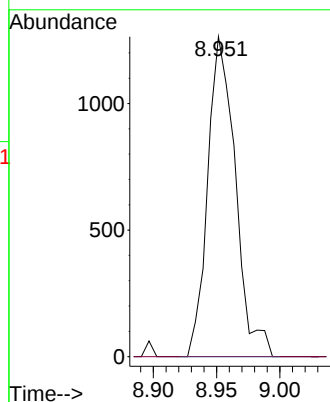
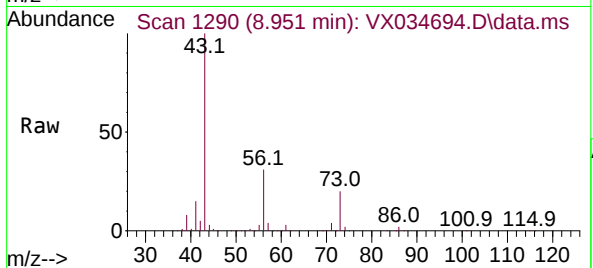
JPP-6E-032023

Tgt Ion: 75 Resp: 1925

Ion Ratio Lower Upper

75 100

77 0.0 25.4 38.2#



#54

cis-1,3-Dichloropropene

Concen: 14.138 ug/l

RT: 8.549 min Scan# 1224

Delta R.T. 0.189 min

Lab File: VX034694.D

Acq: 23 Mar 2023 13:33

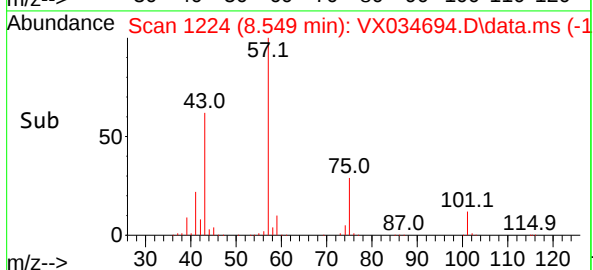
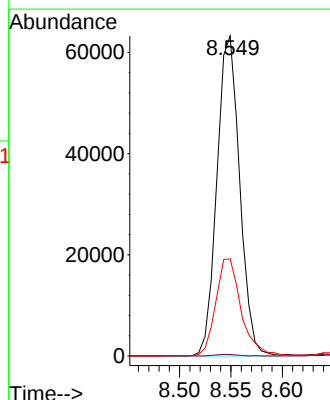
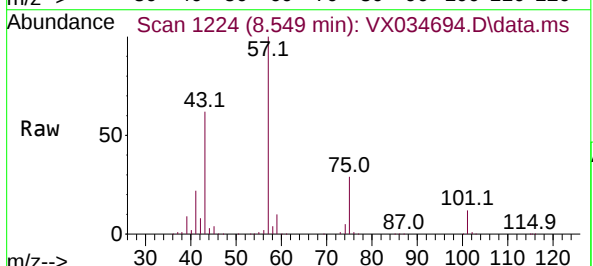
Tgt Ion: 75 Resp: 97195

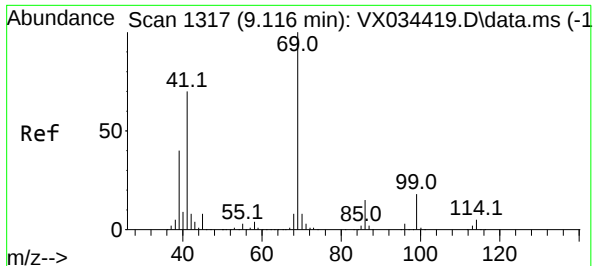
Ion Ratio Lower Upper

75 100

77 0.5 25.0 37.4#

39 30.2 44.6 66.8#

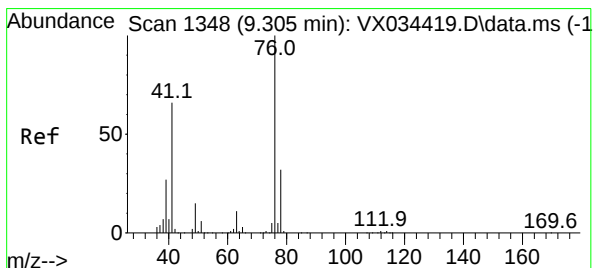
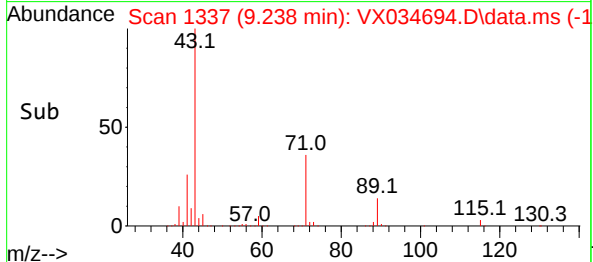
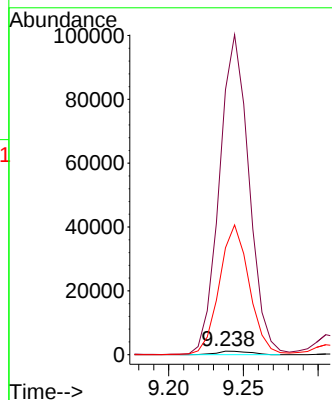
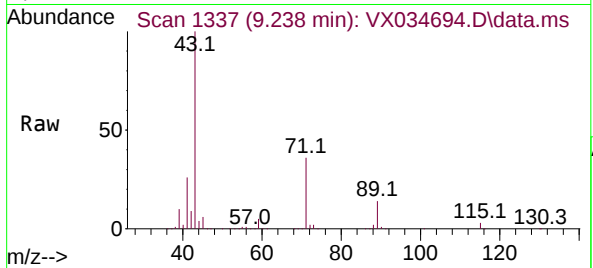




#56
Ethyl methacrylate
Concen: 0.255 ug/l
RT: 9.238 min Scan# 1337
Delta R.T. 0.122 min
Lab File: VX034694.D
Acq: 23 Mar 2023 13:33

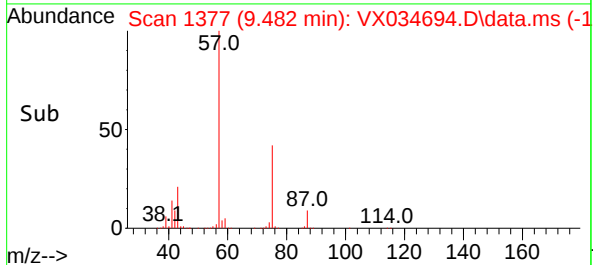
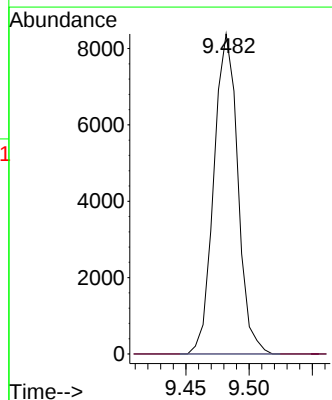
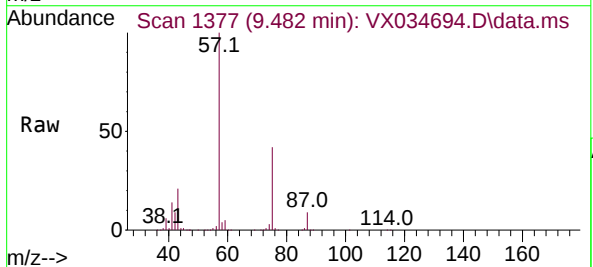
Instrument :
MSVOA_X
ClientSampleId :
JPP-6E-032023

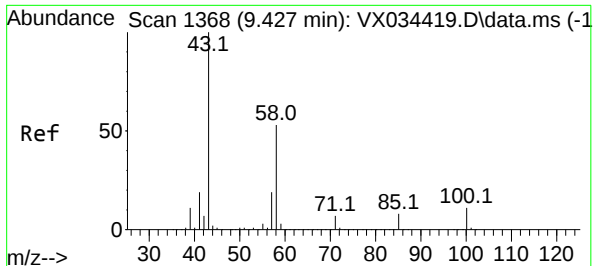
Tgt Ion: 69 Resp: 1686
Ion Ratio Lower Upper
69 100
41 8203.0 57.4 86.0#
39 3371.0 33.7 50.5#



#57
1,3-Dichloropropane
Concen: 1.539 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.177 min
Lab File: VX034694.D
Acq: 23 Mar 2023 13:33

Tgt Ion: 76 Resp: 11037
Ion Ratio Lower Upper
76 100
78 0.0 25.8 38.8#





#59

2-Hexanone

Concen: 35.448 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.055 min

Lab File: VX034694.D

Acq: 23 Mar 2023 13:33

Instrument :

MSVOA_X

ClientSampleId :

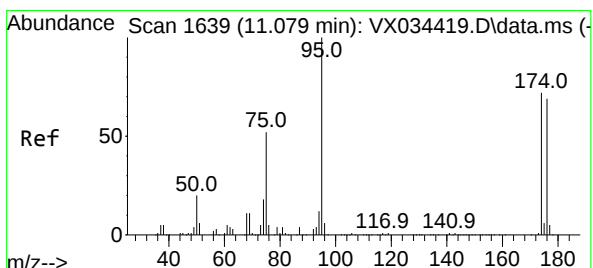
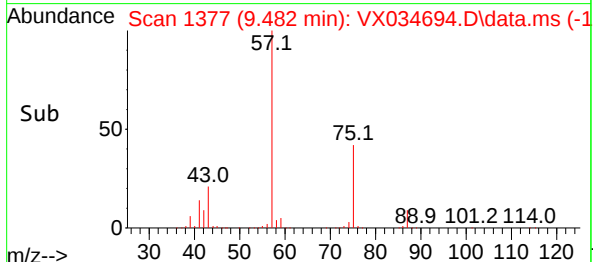
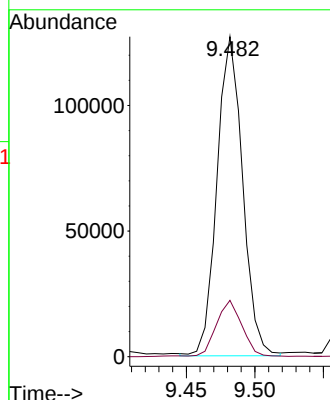
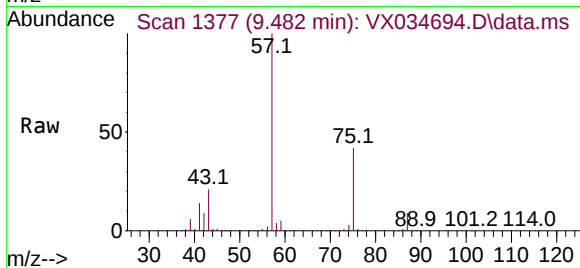
JPP-6E-032023

Tgt Ion: 43 Resp: 165107

Ion Ratio Lower Upper

43 100

58 18.0 26.3 78.9#



#62

4-Bromofluorobenzene

Concen: 46.650 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX034694.D

Acq: 23 Mar 2023 13:33

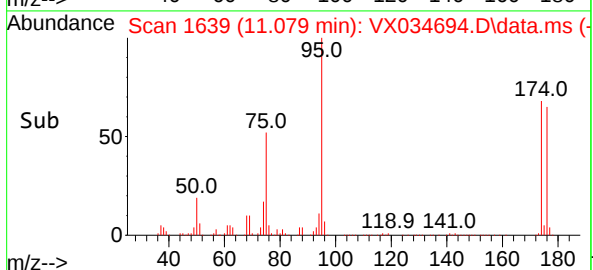
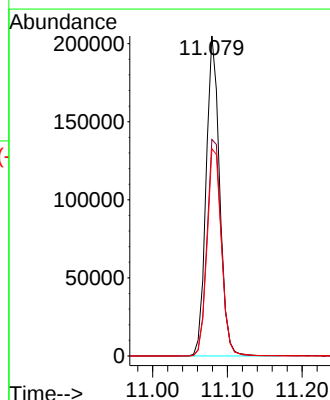
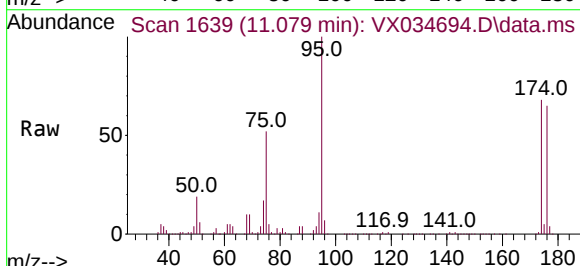
Tgt Ion: 95 Resp: 257028

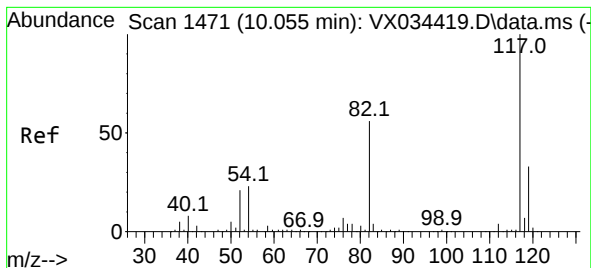
Ion Ratio Lower Upper

95 100

174 71.8 0.0 147.4

176 69.1 0.0 140.6

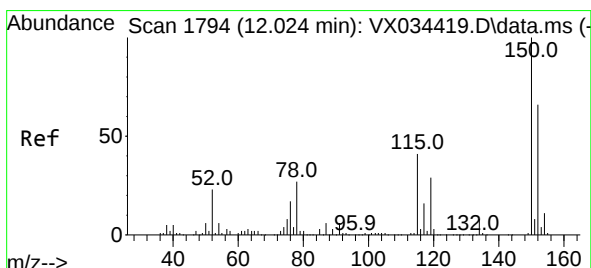
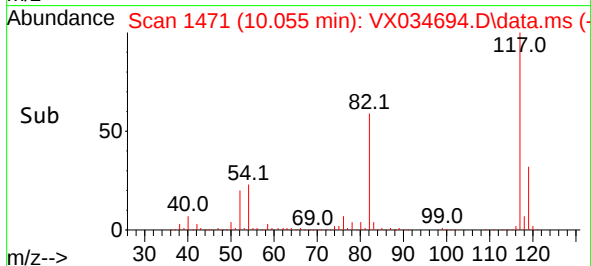
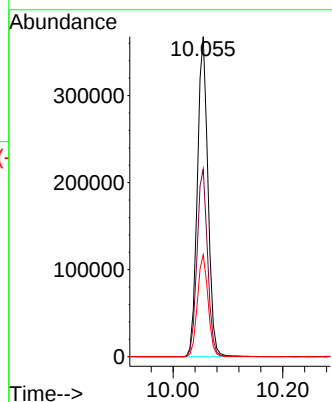
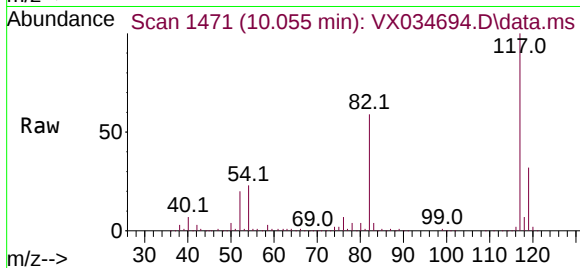




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034694.D
Acq: 23 Mar 2023 13:33

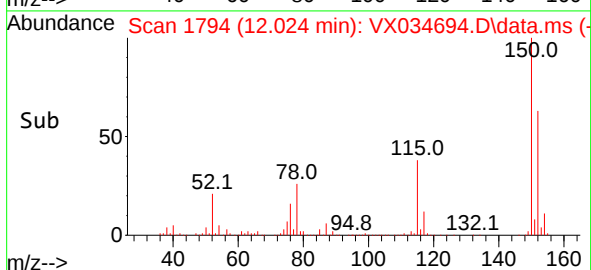
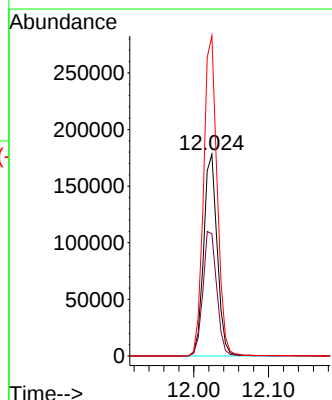
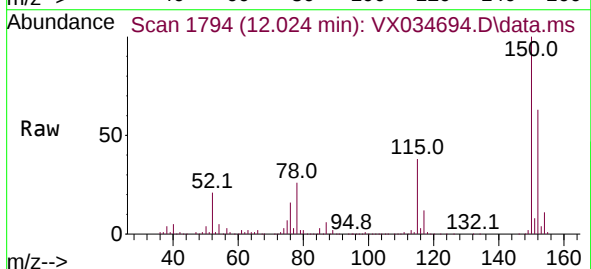
Instrument :
MSVOA_X
ClientSampleId :
JPP-6E-032023

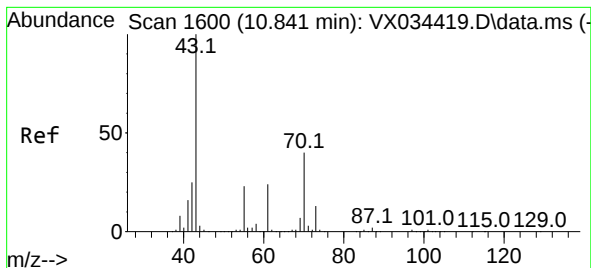
Tgt Ion:117 Resp: 496272
Ion Ratio Lower Upper
117 100
82 58.6 45.0 67.4
119 31.9 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX034694.D
Acq: 23 Mar 2023 13:33

Tgt Ion:152 Resp: 223590
Ion Ratio Lower Upper
152 100
115 63.3 45.0 135.0
150 159.4 0.0 352.4





#74

N-amy1 acetate

Concen: 7.544 ug/l

RT: 10.640 min Scan# 1639

Delta R.T. -0.201 min

Lab File: VX034694.D

Acq: 23 Mar 2023 13:33

Instrument :

MSVOA_X

ClientSampleId :

JPP-6E-032023

Tgt Ion: 43 Resp: 62442

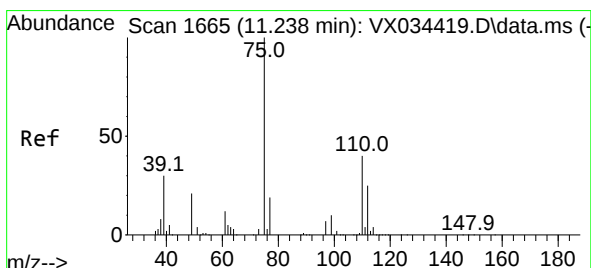
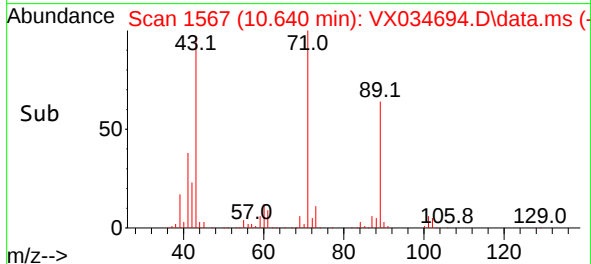
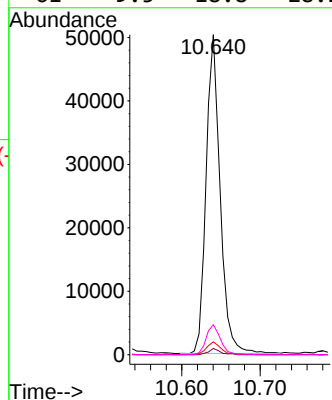
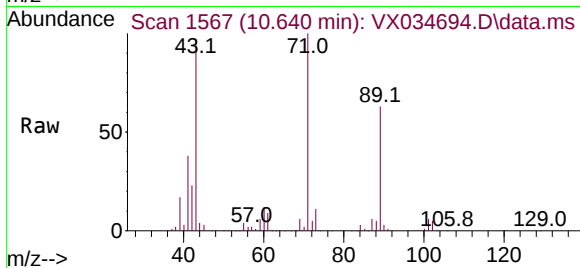
Ion Ratio Lower Upper

43 100

70 1.6 32.1 48.1#

55 4.3 18.3 27.5#

61 9.5 18.8 28.2#



#76

1,2,3-Trichloropropane

Concen: 26.093 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX034694.D

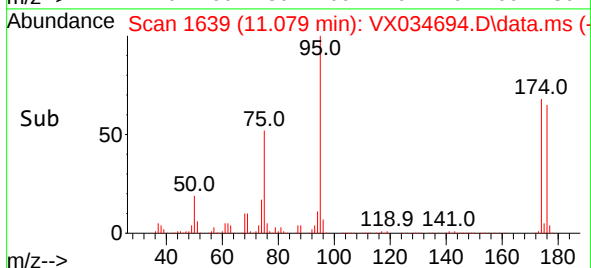
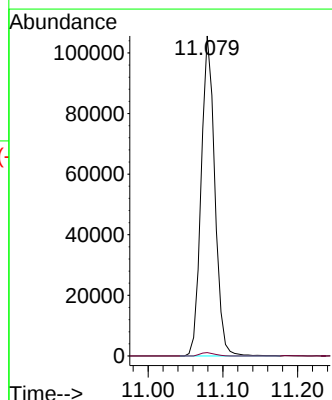
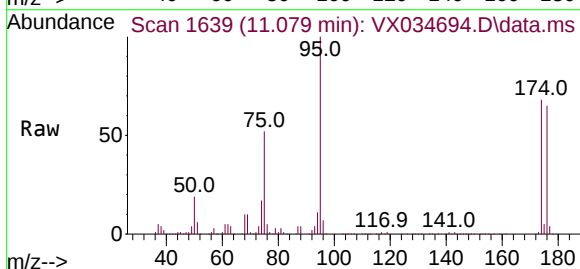
Acq: 23 Mar 2023 13:33

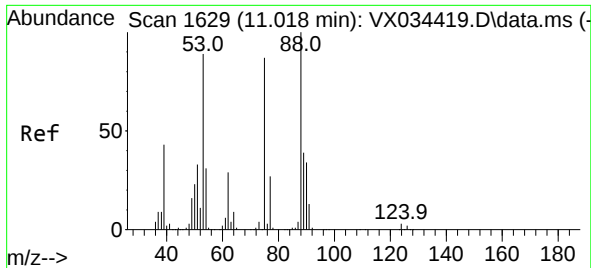
Tgt Ion: 75 Resp: 133961

Ion Ratio Lower Upper

75 100

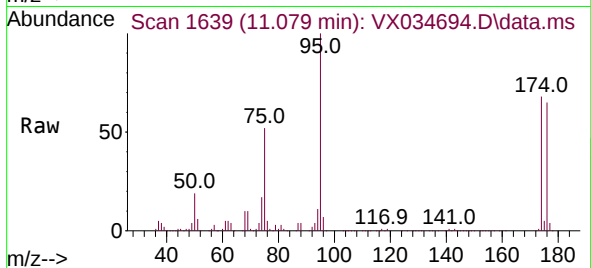
77 1.1 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.591 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX034694.D
 Acq: 23 Mar 2023 13:33

Instrument :
 MSVOA_X
 ClientSampleId :
 JPP-6E-032023



Tgt Ion: 75 Resp: 133961
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.0 36.9 55.3#

