

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080724\
 Data File : VX042896.D
 Acq On : 07 Aug 2024 03:16
 Operator : JC/MD
 Sample : P3448-14RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 07 06:33:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080724W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 07 02:55:22 2024
 Response via : Initial Calibration

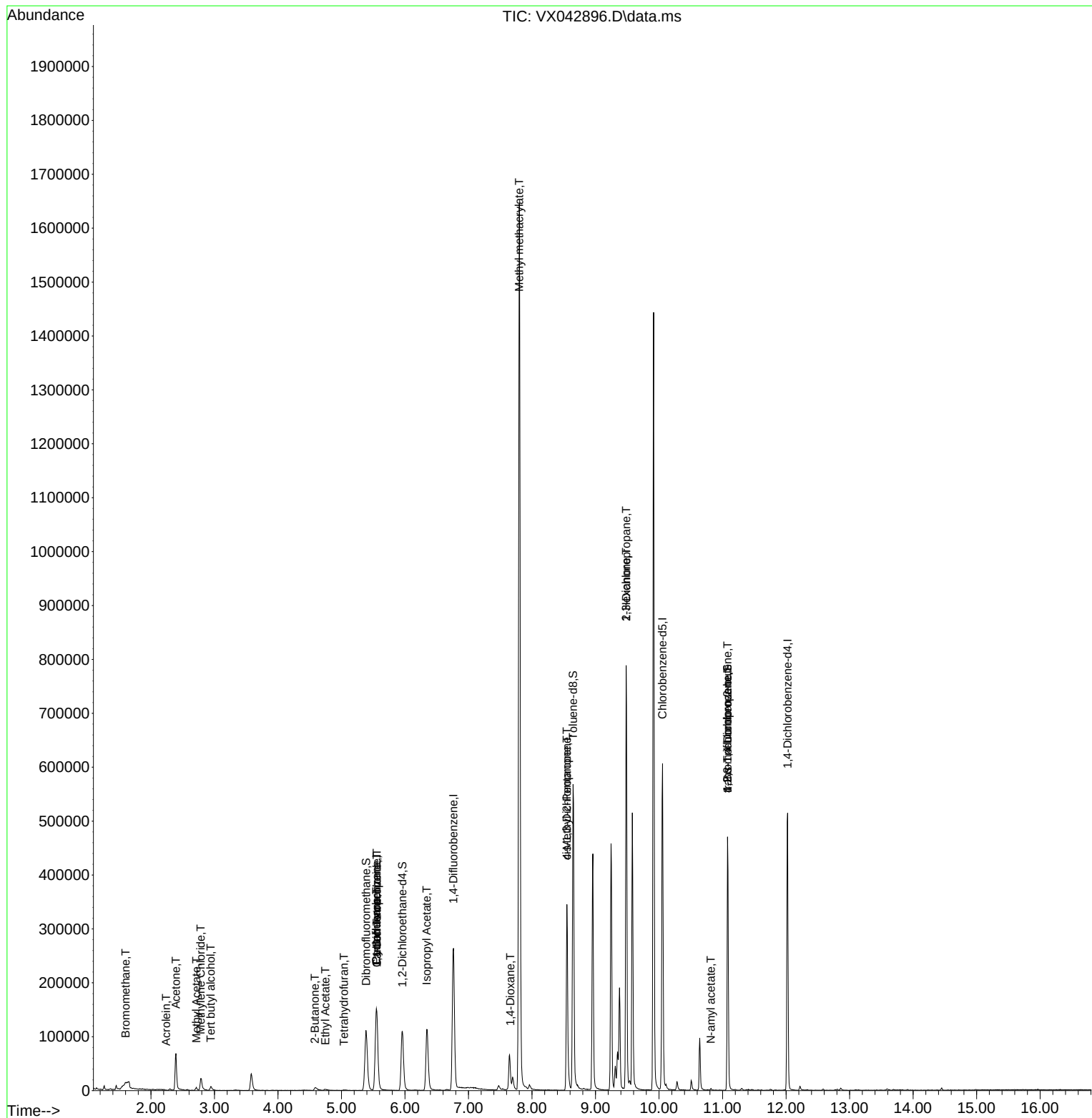
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	146751	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	283068	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	279166	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	113380	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	113589	56.383	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 112.760%		
35) Dibromofluoromethane	5.385	113	96785	52.293	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 104.580%		
50) Toluene-d8	8.647	98	355347	54.082	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 108.160%		
62) 4-Bromofluorobenzene	11.079	95	126909	53.750	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 107.500%		
Target Compounds						Qvalue
5) Bromomethane	1.599	94	780	0.788	ug/l #	55
11) Tert butyl alcohol	2.940	59	4460	11.130	ug/l #	78
13) Acrolein	2.239	56	128	0.324	ug/l #	40
16) Acetone	2.392	43	80546	92.178	ug/l	95
18) Methyl Acetate	2.715	43	7058	2.547	ug/l	96
20) Methylene Chloride	2.782	84	13037	6.351	ug/l	94
25) 2-Butanone	4.580	43	9855	7.182	ug/l	100
29) Tetrahydrofuran	5.038	42	573	0.618	ug/l	97
31) Cyclohexane	5.550	56	3246	1.288	ug/l #	3
36) 1,1-Dichloropropene	5.556	75	11701	4.663	ug/l #	47
37) Ethyl Acetate	4.745	43	2726	0.868	ug/l #	85
38) Carbon Tetrachloride	5.556	117	15581	5.500	ug/l #	15
43) Isopropyl Acetate	6.342	43	159778	34.411	ug/l	97
48) Methyl methacrylate	7.799	41	140722	63.204	ug/l #	47
49) 1,4-Dioxane	7.659	88	48	0.971	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	120647	38.790	ug/l #	52
54) cis-1,3-Dichloropropene	8.549	75	55382	20.126	ug/l #	57
57) 1,3-Dichloropropane	9.482	76	6840	2.174	ug/l #	42
59) 2-Hexanone	9.482	43	96159	39.899	ug/l #	54
74) N-amyl acetate	10.817	43	760	0.206	ug/l #	47
76) 1,2,3-Trichloropropane	11.079	75	65702	25.767	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	65702	83.781	ug/l #	5

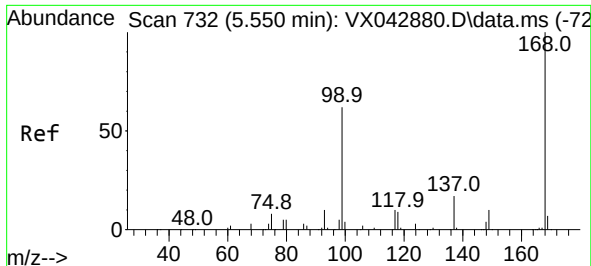
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VX042896.D
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Instrument :
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ClientSampleId :

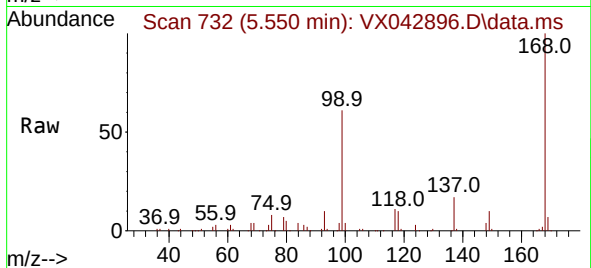
Quant Time: Aug 07 06:33:46 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080724W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 07 02:55:22 2024
Response via : Initial Calibration



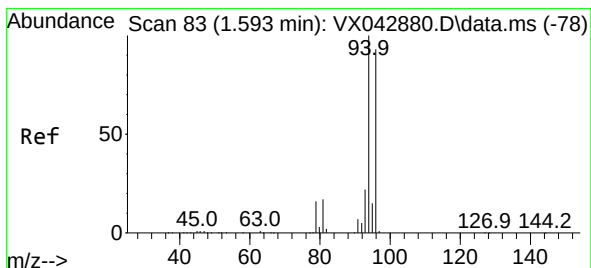
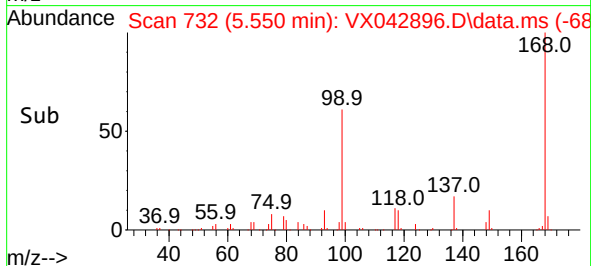
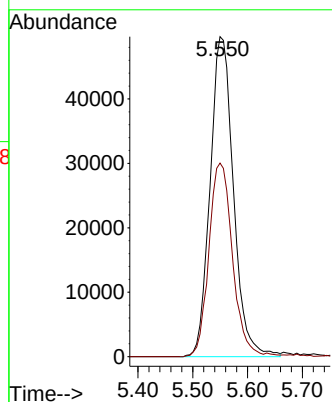


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042896.D
Acq: 07 Aug 2024 03:16

Instrument :
MSVOA_X
ClientSampleId :

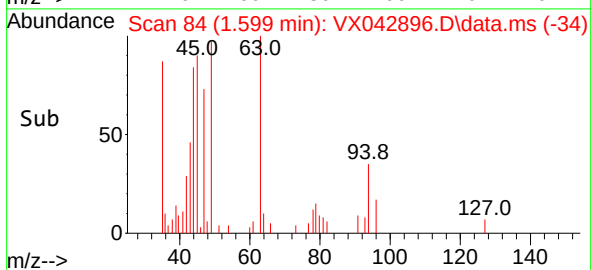
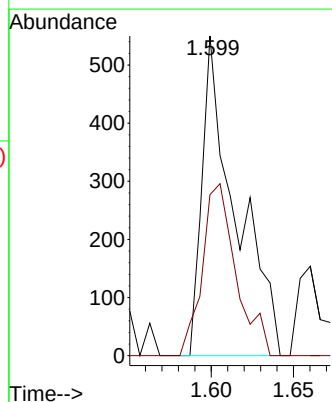
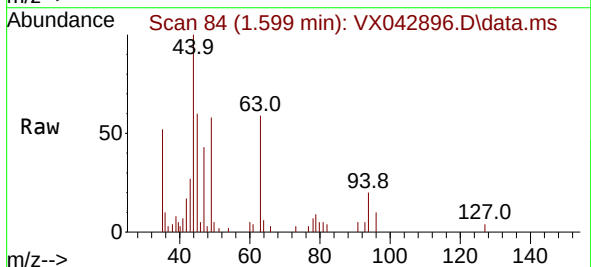


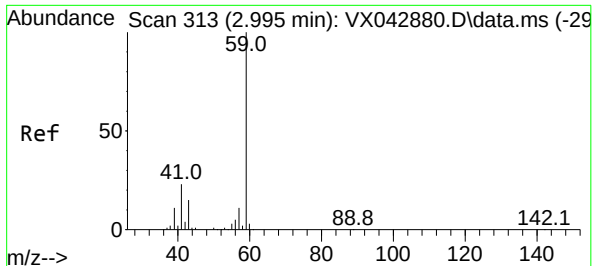
Tgt Ion:168 Resp: 146751
Ion Ratio Lower Upper
168 100
99 60.5 56.6 85.0



#5
Bromomethane
Concen: 0.788 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX042896.D
Acq: 07 Aug 2024 03:16

Tgt Ion: 94 Resp: 780
Ion Ratio Lower Upper
94 100
96 50.4 74.6 111.8#





#11

Tert butyl alcohol

Concen: 11.130 ug/l

RT: 2.940 min Scan# 304

Delta R.T. -0.055 min

Lab File: VX042896.D

Acq: 07 Aug 2024 03:16

Instrument :

MSVOA_X

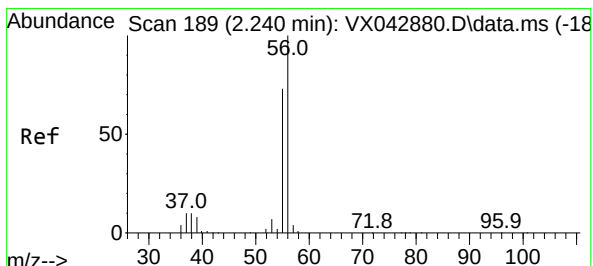
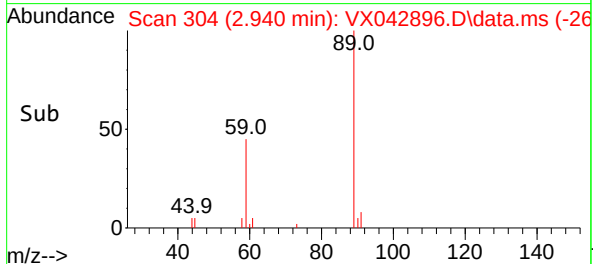
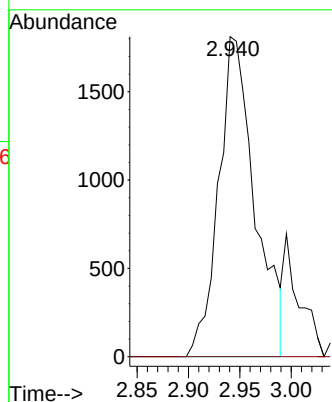
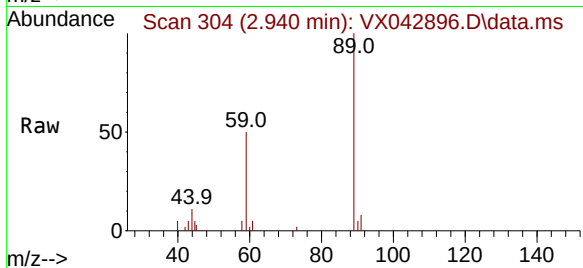
ClientSampleId :

Tgt Ion: 59 Resp: 4460

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#13

Acrolein

Concen: 0.324 ug/l

RT: 2.239 min Scan# 189

Delta R.T. -0.000 min

Lab File: VX042896.D

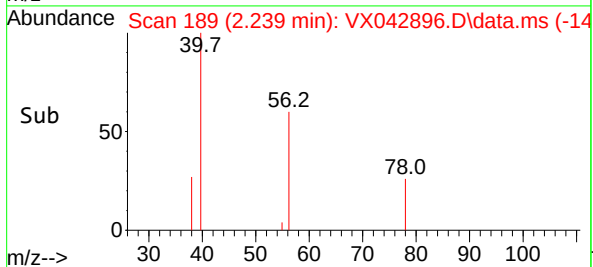
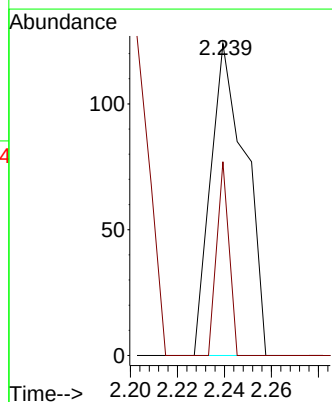
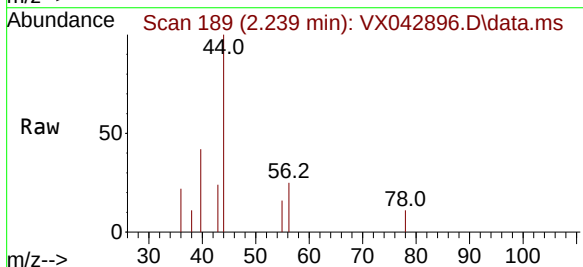
Acq: 07 Aug 2024 03:16

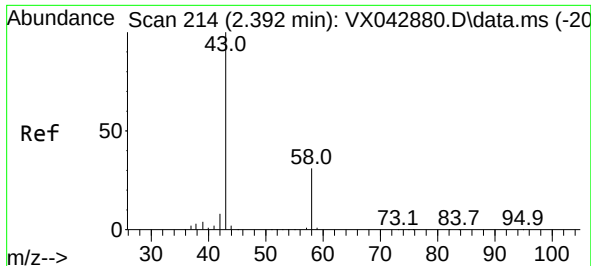
Tgt Ion: 56 Resp: 128

Ion Ratio Lower Upper

56 100

55 21.9 57.1 85.7#

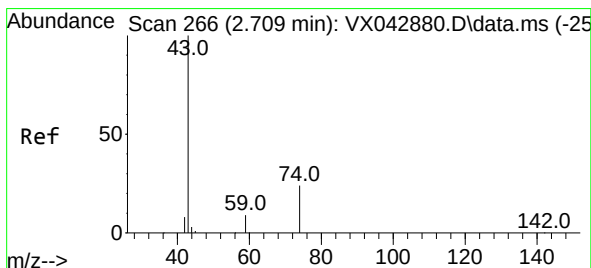
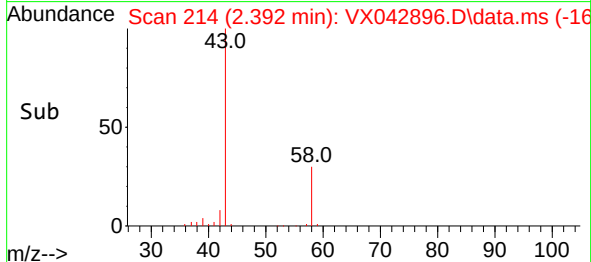
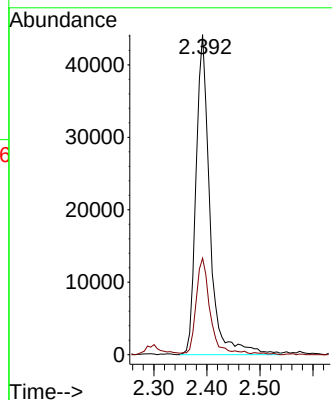
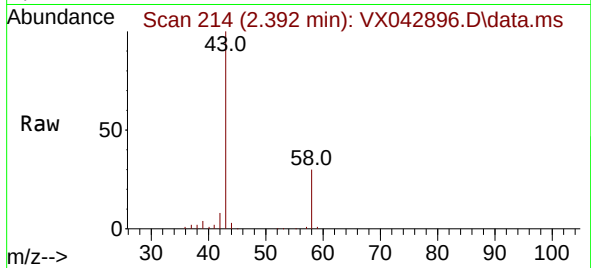




#16
Acetone
Concen: 92.178 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX042896.D
Acq: 07 Aug 2024 03:16

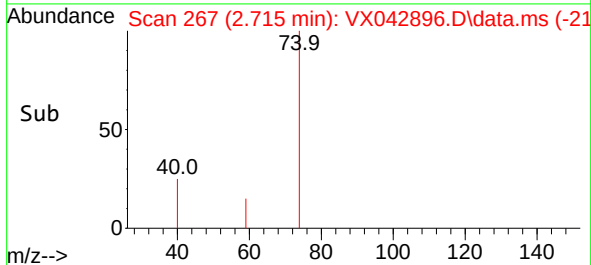
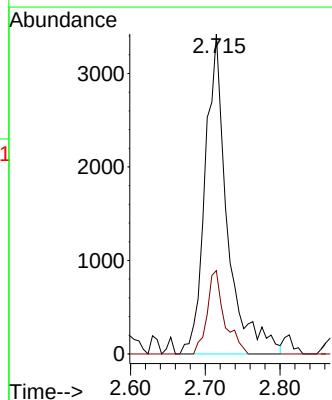
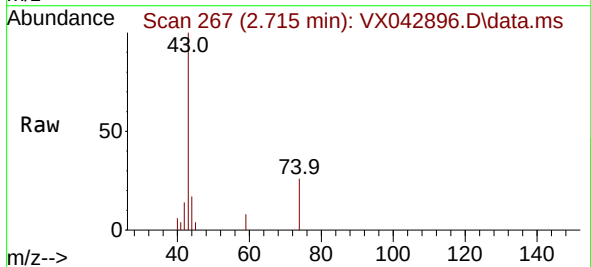
Instrument :
MSVOA_X
ClientSampleId :

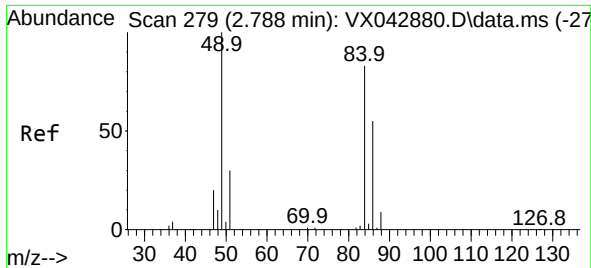
Tgt Ion: 43 Resp: 80546
Ion Ratio Lower Upper
43 100
58 30.2 21.9 32.9



#18
Methyl Acetate
Concen: 2.547 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX042896.D
Acq: 07 Aug 2024 03:16

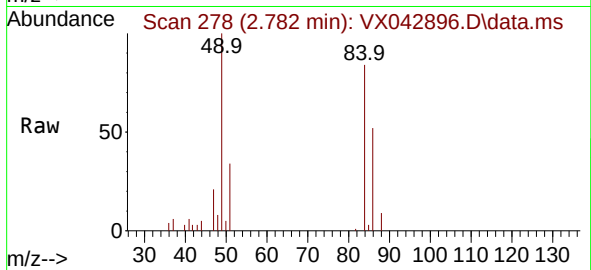
Tgt Ion: 43 Resp: 7058
Ion Ratio Lower Upper
43 100
74 20.4 17.8 26.8



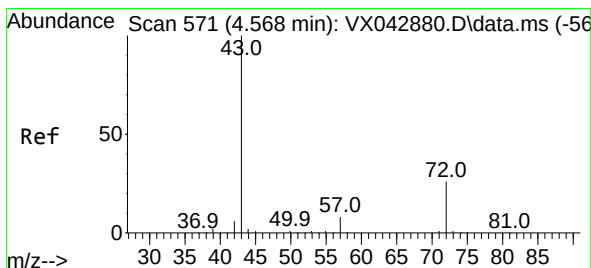
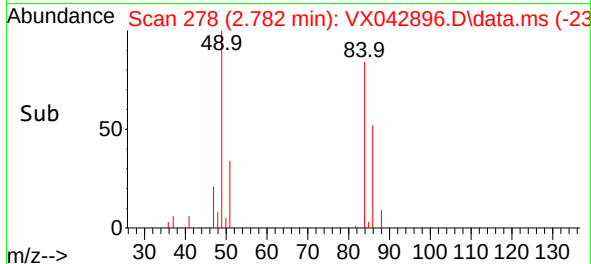
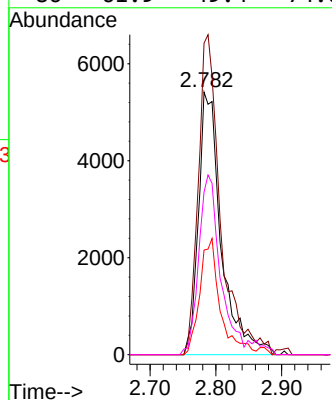


#20
Methylene Chloride
Concen: 6.351 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX042896.D
Acq: 07 Aug 2024 03:16

Instrument :
MSVOA_X
ClientSampleId :

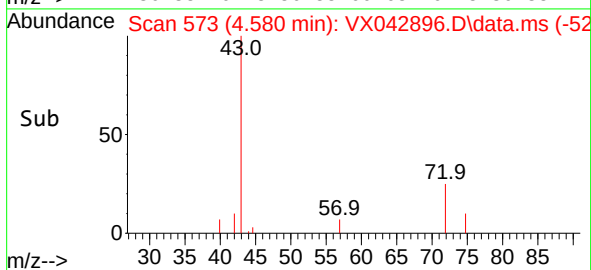
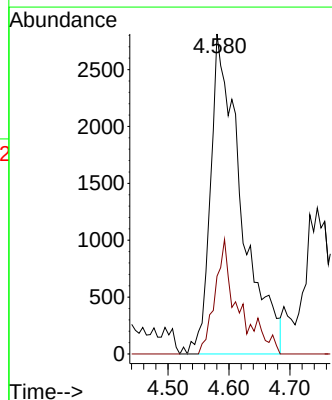
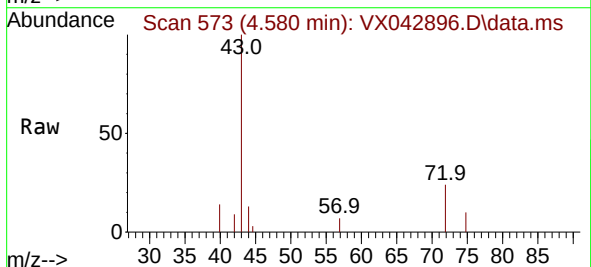


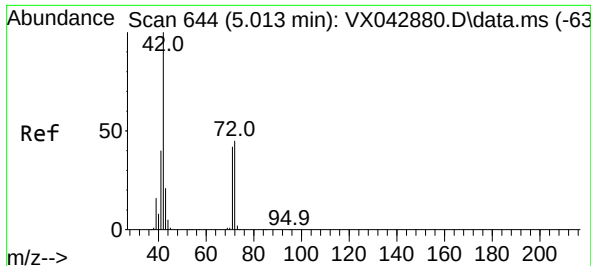
Tgt Ion:	84	Resp:	13037
Ion	Ratio	Lower	Upper
84	100		
49	118.6	103.6	155.4
51	39.8	33.8	50.6
86	61.9	49.4	74.0



#25
2-Butanone
Concen: 7.182 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.012 min
Lab File: VX042896.D
Acq: 07 Aug 2024 03:16

Tgt Ion:	43	Resp:	9855
Ion	Ratio	Lower	Upper
43	100		
72	24.3	19.4	29.2





#29

Tetrahydrofuran

Concen: 0.618 ug/l

RT: 5.038 min Scan# 644

Delta R.T. 0.024 min

Lab File: VX042896.D

Acq: 07 Aug 2024 03:16

Instrument :

MSVOA_X

ClientSampleId :

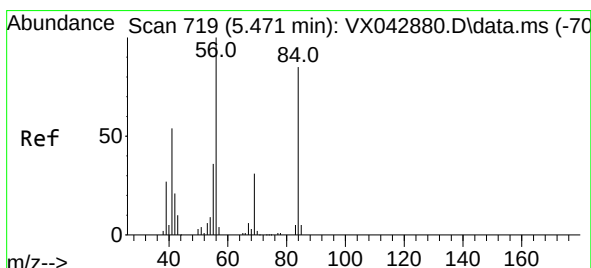
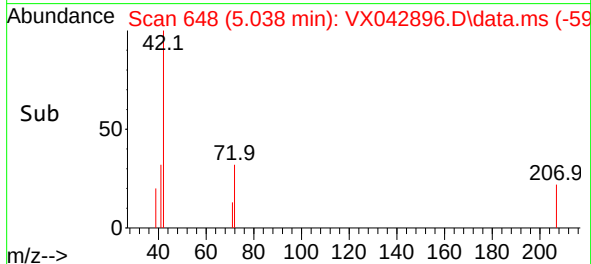
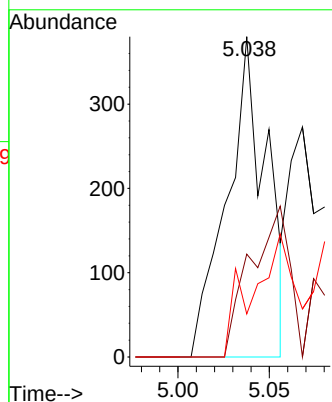
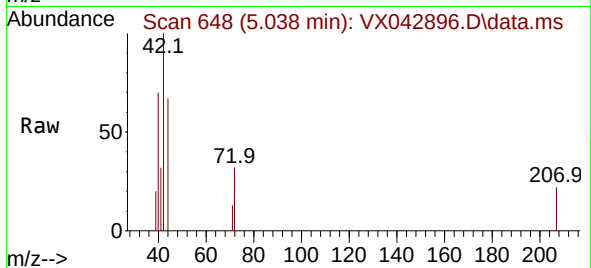
Tgt Ion: 42 Resp: 573

Ion Ratio Lower Upper

42 100

72 46.1 34.2 51.4

71 40.5 32.2 48.2



#31

Cyclohexane

Concen: 1.288 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX042896.D

Acq: 07 Aug 2024 03:16

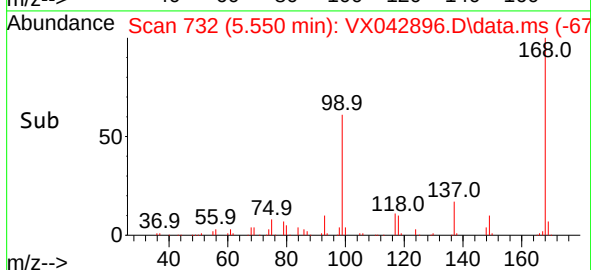
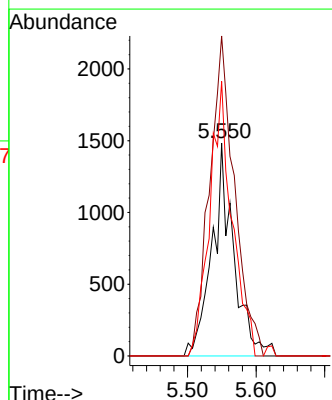
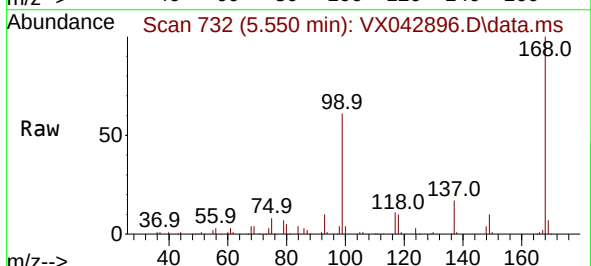
Tgt Ion: 56 Resp: 3246

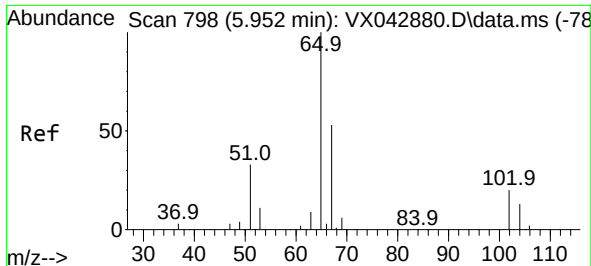
Ion Ratio Lower Upper

56 100

69 150.3 23.4 35.2#

84 128.9 65.9 98.9#

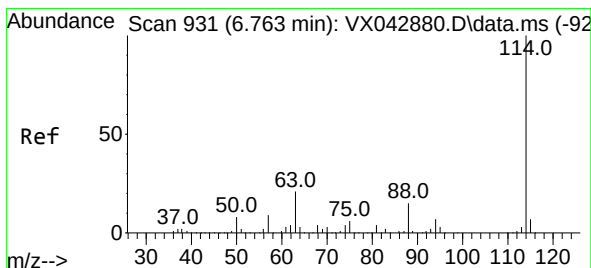
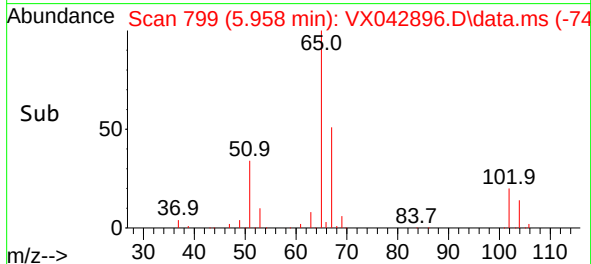
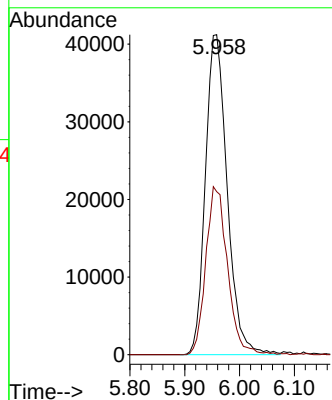
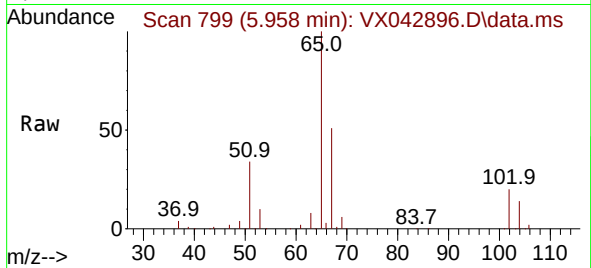




#33
 1,2-Dichloroethane-d4
 Concen: 56.383 ug/l
 RT: 5.958 min Scan# 798
 Delta R.T. 0.006 min
 Lab File: VX042896.D
 Acq: 07 Aug 2024 03:16

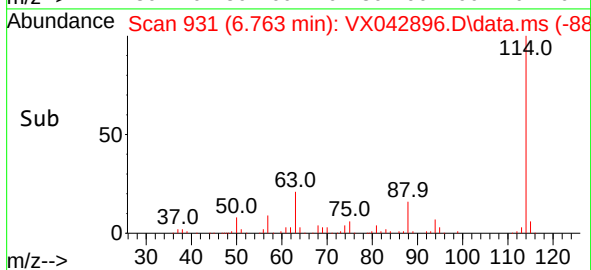
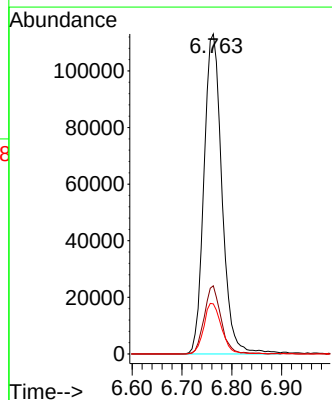
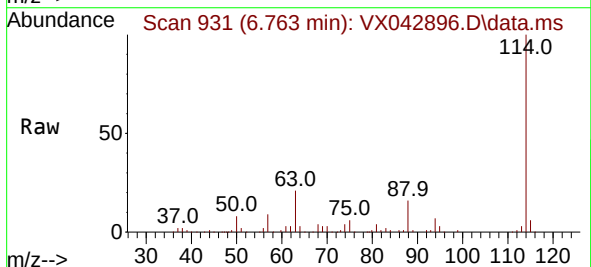
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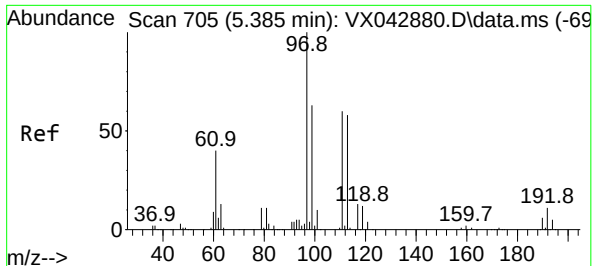
Tgt Ion: 65 Resp: 113589
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX042896.D
 Acq: 07 Aug 2024 03:16

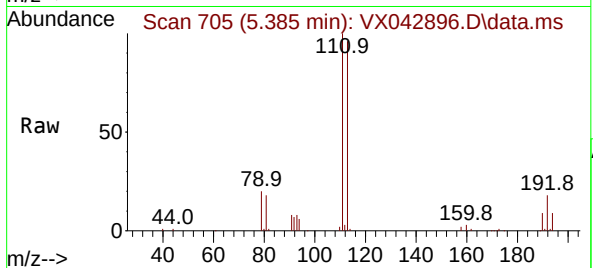
Tgt Ion: 114 Resp: 283068
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 45.0
 88 15.7 0.0 36.6



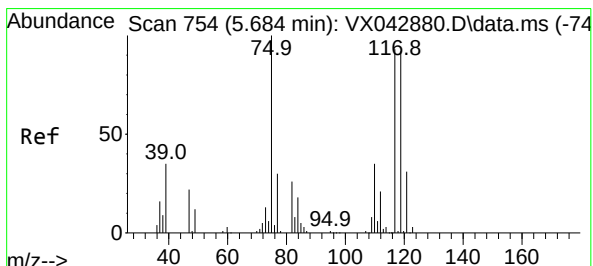
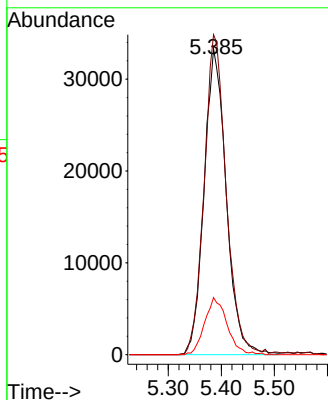
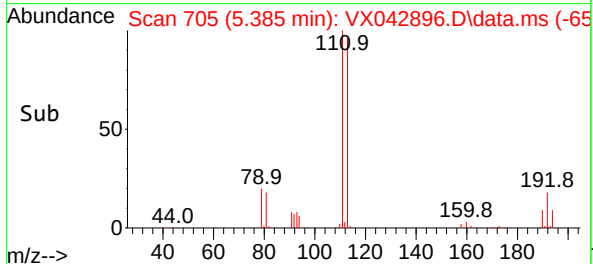


#35
Dibromofluoromethane
Concen: 52.293 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX042896.D
Acq: 07 Aug 2024 03:16

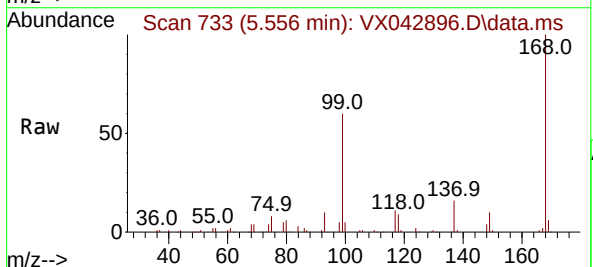
Instrument :
MSVOA_X
ClientSampleId :



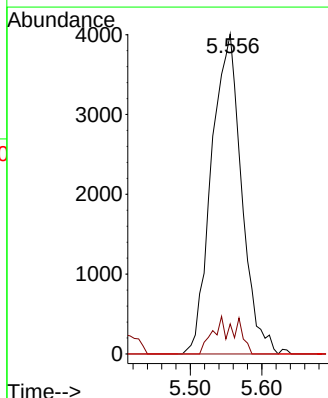
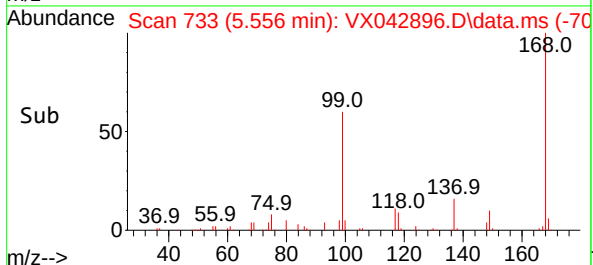
Tgt Ion:113 Resp: 96785
Ion Ratio Lower Upper
113 100
111 103.9 82.9 124.3
192 18.9 13.3 19.9

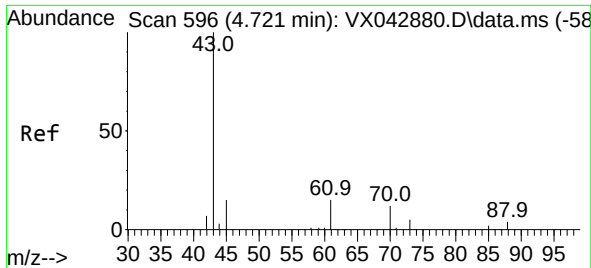


#36
1,1-Dichloropropene
Concen: 4.663 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX042896.D
Acq: 07 Aug 2024 03:16



Tgt Ion: 75 Resp: 11701
Ion Ratio Lower Upper
75 100
110 4.8 17.0 50.9#
77 0.0 24.7 37.1#





#37

Ethyl Acetate

Concen: 0.868 ug/l

RT: 4.745 min Scan# 600

Delta R.T. 0.024 min

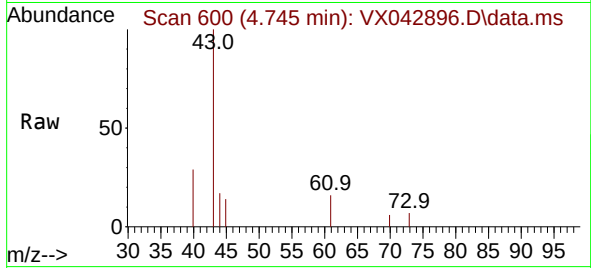
Lab File: VX042896.D

Acq: 07 Aug 2024 03:16

Instrument :

MSVOA_X

ClientSampleId :



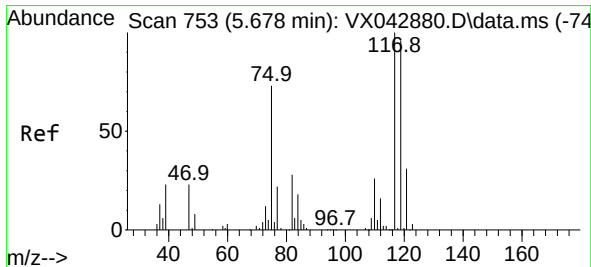
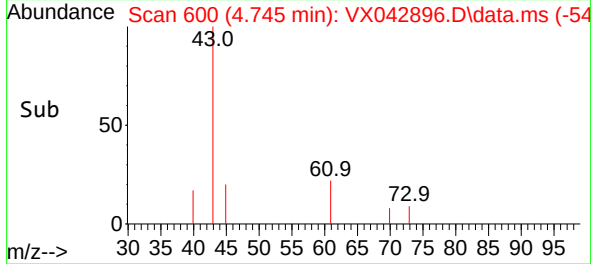
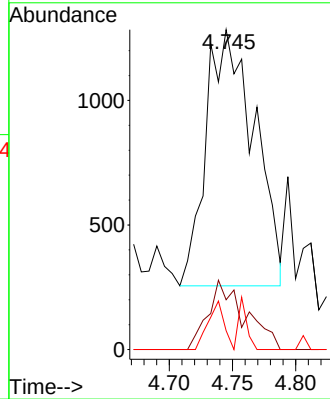
Tgt Ion: 43 Resp: 2726

Ion Ratio Lower Upper

43 100

61 20.7 10.6 16.0#

70 6.3 8.3 12.5#



#38

Carbon Tetrachloride

Concen: 5.500 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.122 min

Lab File: VX042896.D

Acq: 07 Aug 2024 03:16

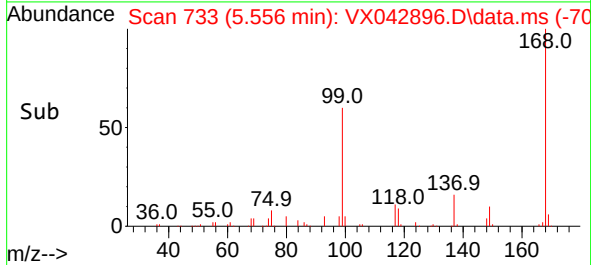
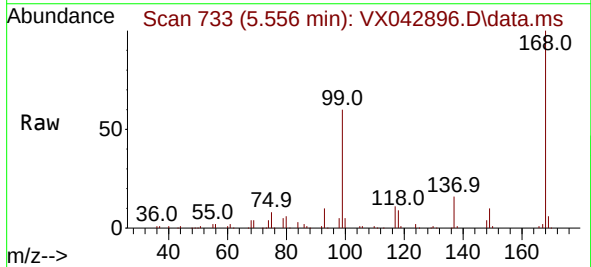
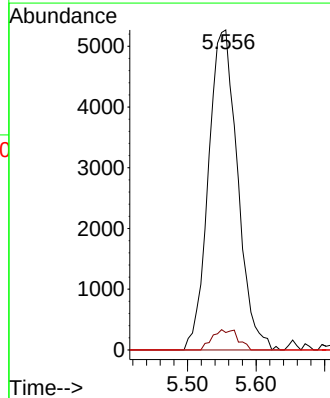
Tgt Ion: 117 Resp: 15581

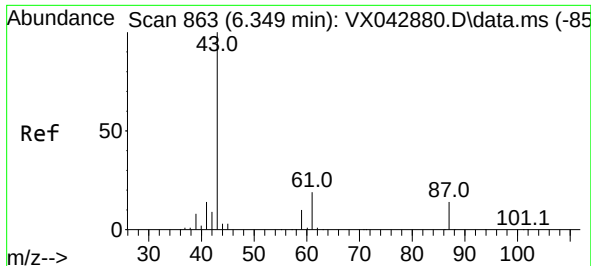
Ion Ratio Lower Upper

117 100

119 5.5 78.2 117.2#

121 0.0 24.4 36.6#

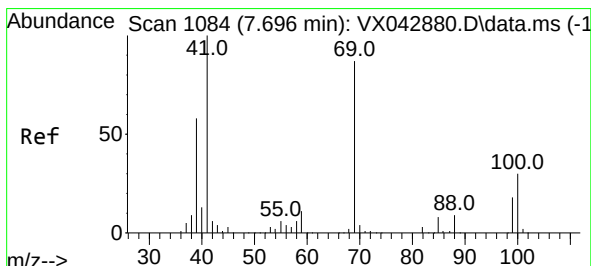
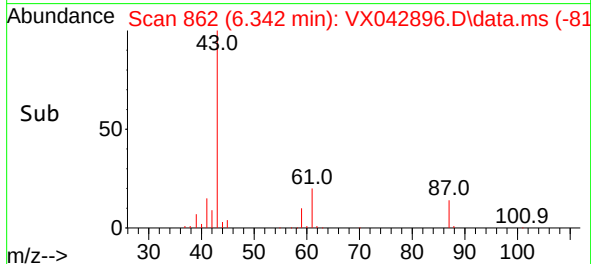
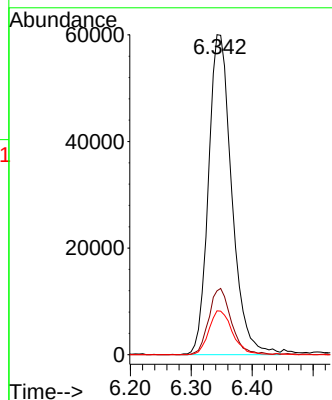
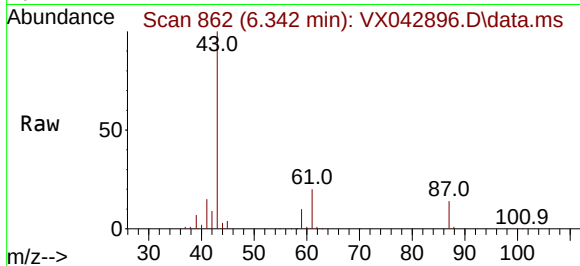




#43
Isopropyl Acetate
Concen: 34.411 ug/l
RT: 6.342 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX042896.D
Acq: 07 Aug 2024 03:16

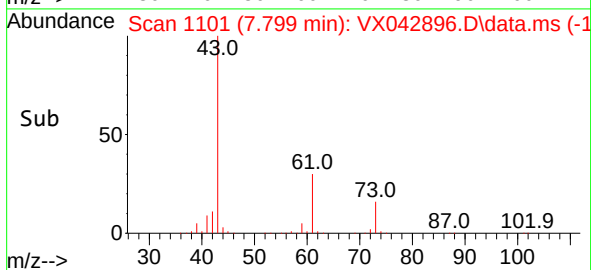
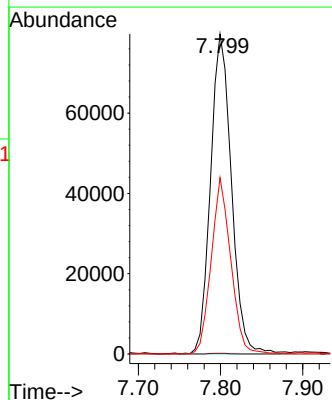
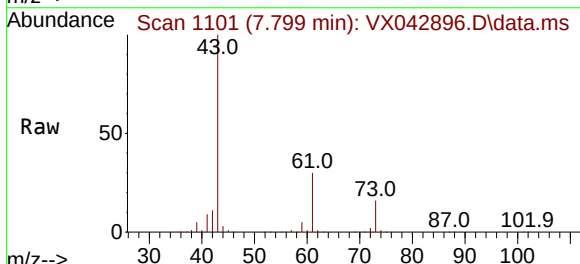
Instrument :
MSVOA_X
ClientSampleId :

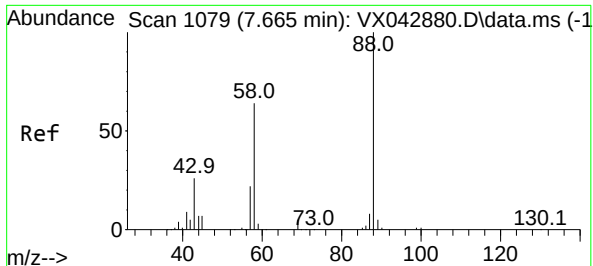
Tgt Ion: 43 Resp: 159778
Ion Ratio Lower Upper
43 100
61 19.9 15.2 22.8
87 13.8 9.8 14.6



#48
Methyl methacrylate
Concen: 63.204 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.103 min
Lab File: VX042896.D
Acq: 07 Aug 2024 03:16

Tgt Ion: 41 Resp: 140722
Ion Ratio Lower Upper
41 100
69 0.2 59.2 88.8#
39 51.6 47.7 71.5





#49

1,4-Dioxane

Concen: 0.971 ug/l

RT: 7.659 min Scan# 1079

Delta R.T. -0.006 min

Lab File: VX042896.D

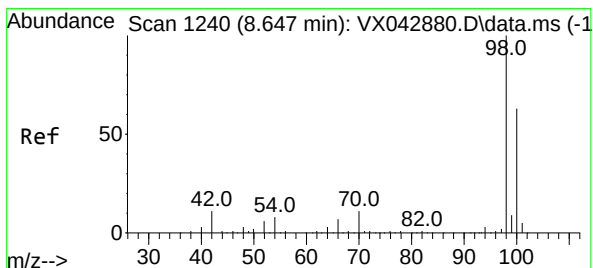
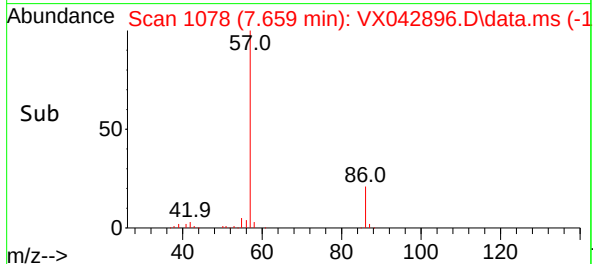
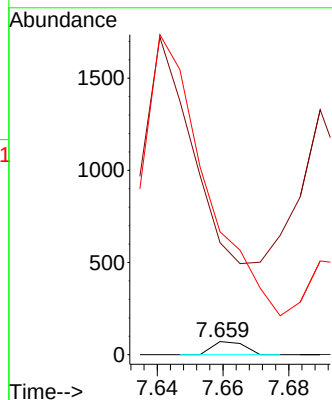
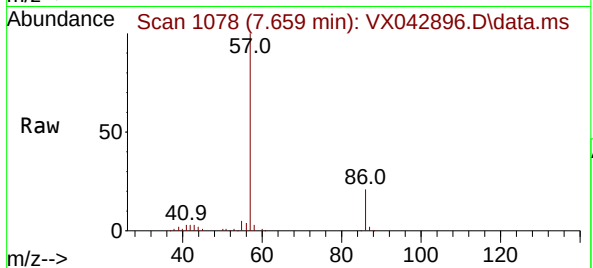
Acq: 07 Aug 2024 03:16

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 88	Resp: 48
Ion Ratio	Lower Upper
88	100
43	0.0 0.0 0.0
58	5943.8 60.1 90.1#



#50

Toluene-d8

Concen: 54.082 ug/l

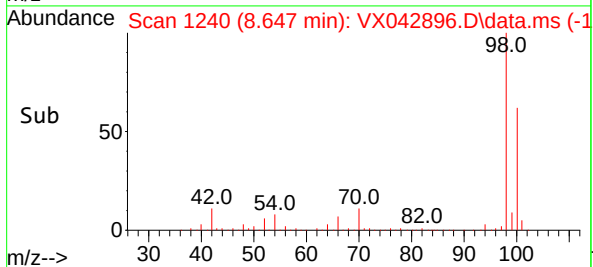
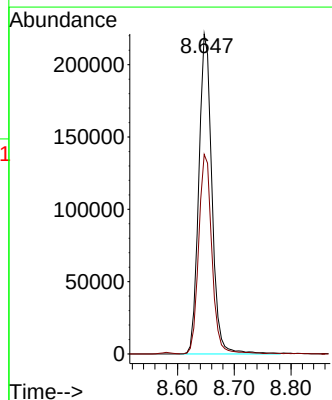
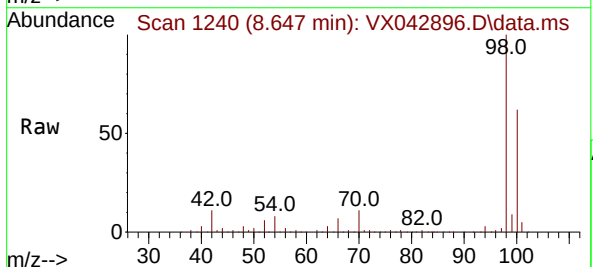
RT: 8.647 min Scan# 1240

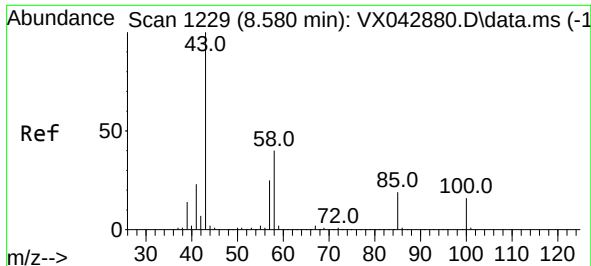
Delta R.T. -0.000 min

Lab File: VX042896.D

Acq: 07 Aug 2024 03:16

Tgt Ion: 98	Resp: 355347
Ion Ratio	Lower Upper
98	100
100	62.7 53.1 79.7

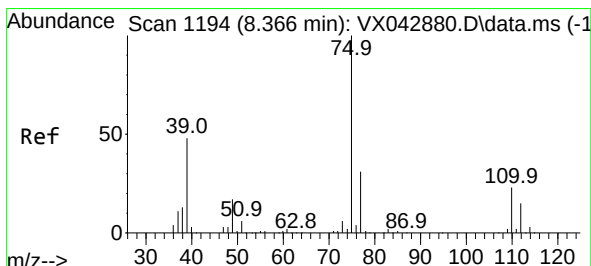
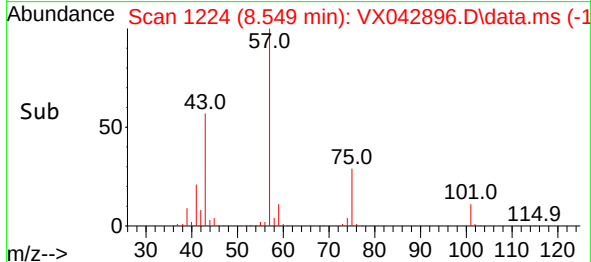
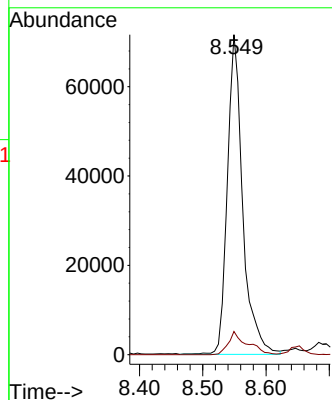
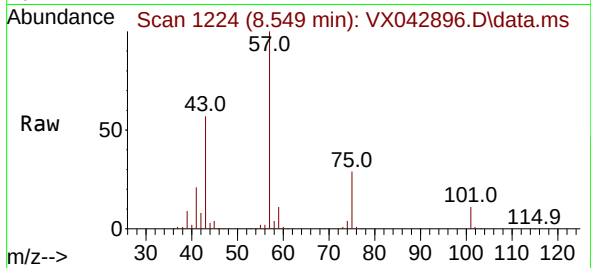




#51
4-Methyl-2-Pentanone
Concen: 38.790 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.031 min
Lab File: VX042896.D
Acq: 07 Aug 2024 03:16

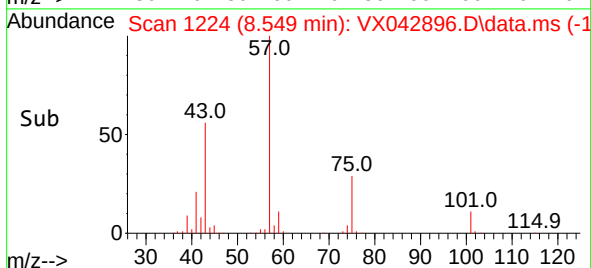
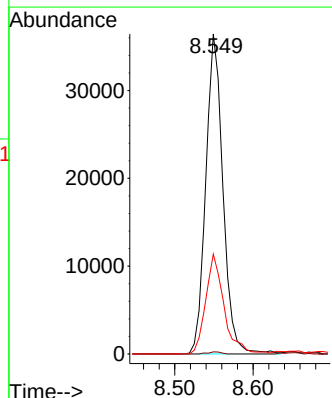
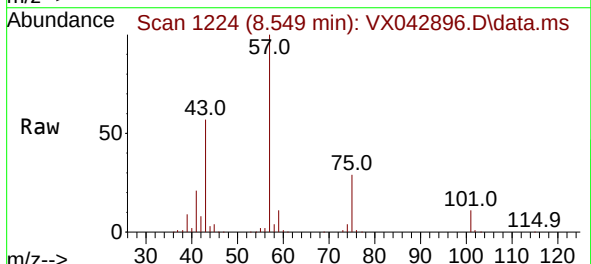
Instrument :
MSVOA_X
ClientSampleId :

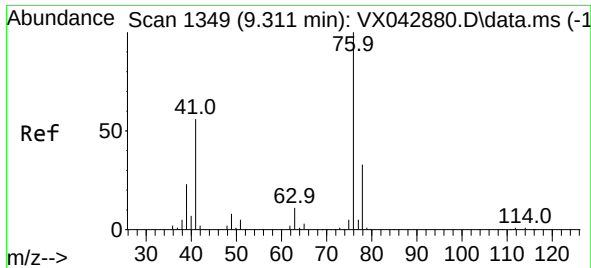
Tgt Ion: 43 Resp: 120647
Ion Ratio Lower Upper
43 100
58 8.9 30.4 45.6#



#54
cis-1,3-Dichloropropene
Concen: 20.126 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX042896.D
Acq: 07 Aug 2024 03:16

Tgt Ion: 75 Resp: 55382
Ion Ratio Lower Upper
75 100
77 0.6 25.3 37.9#
39 31.2 46.7 70.1#





#57

1,3-Dichloropropane

Concen: 2.174 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.171 min

Lab File: VX042896.D

Acq: 07 Aug 2024 03:16

Instrument :

MSVOA_X

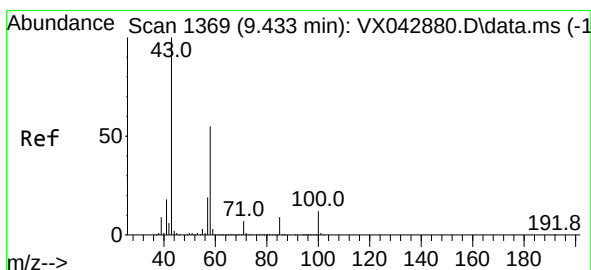
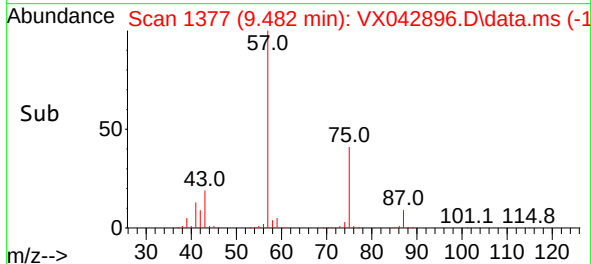
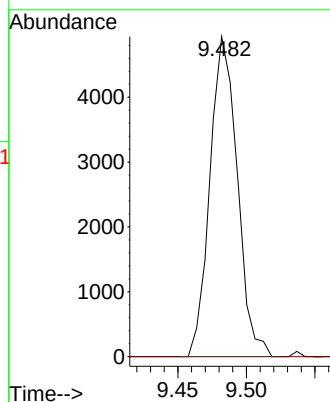
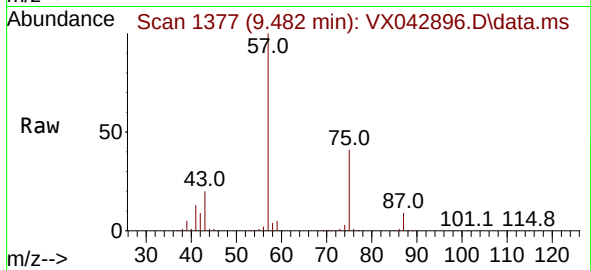
ClientSampleId :

Tgt Ion: 76 Resp: 6840

Ion Ratio Lower Upper

76 100

78 0.0 26.1 39.1#



#59

2-Hexanone

Concen: 39.899 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.049 min

Lab File: VX042896.D

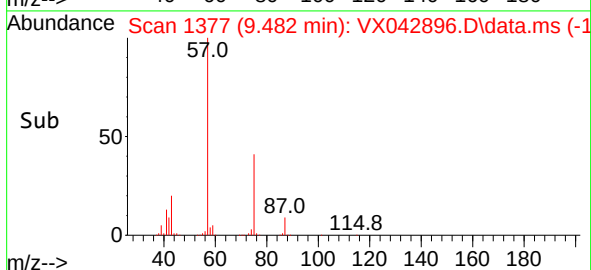
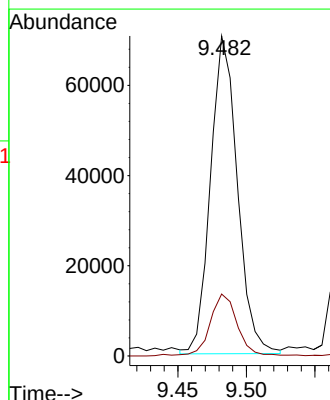
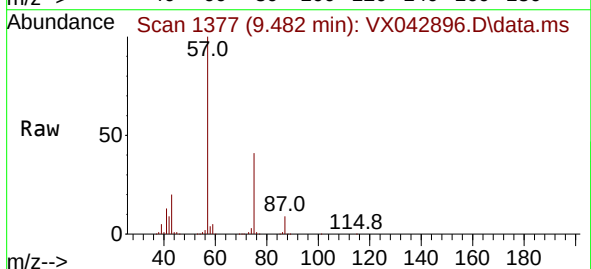
Acq: 07 Aug 2024 03:16

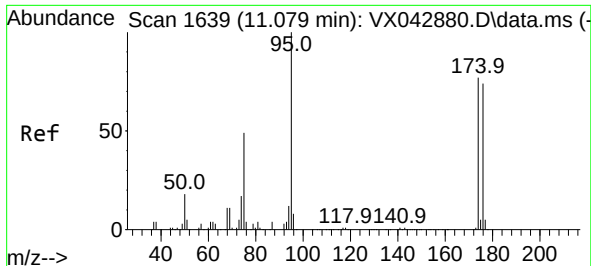
Tgt Ion: 43 Resp: 96159

Ion Ratio Lower Upper

43 100

58 19.9 26.2 78.5#

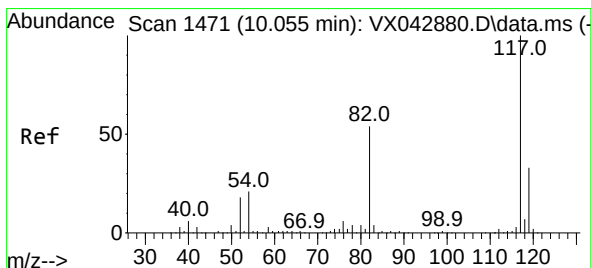
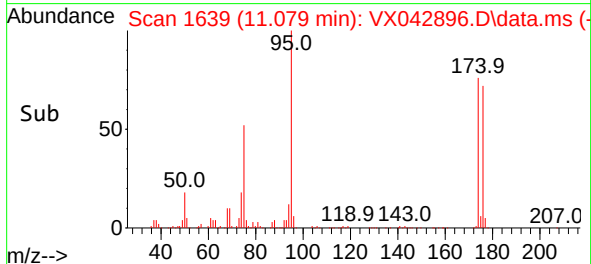
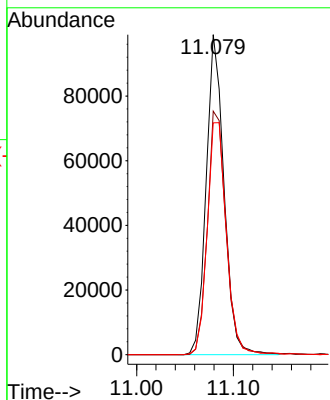
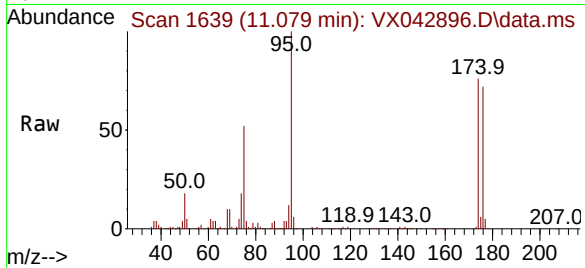




#62
4-Bromofluorobenzene
Concen: 53.750 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX042896.D
Acq: 07 Aug 2024 03:16

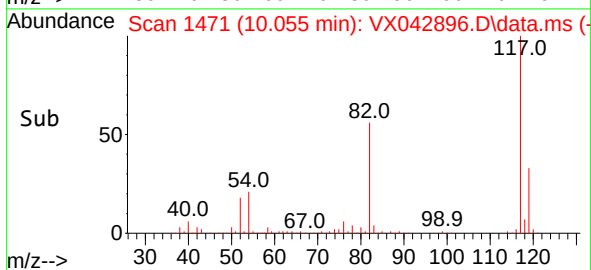
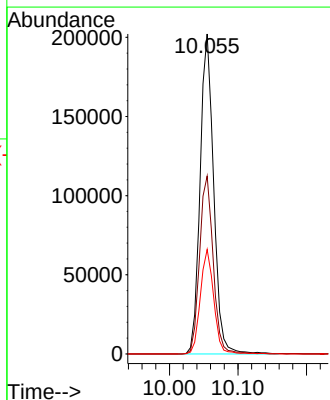
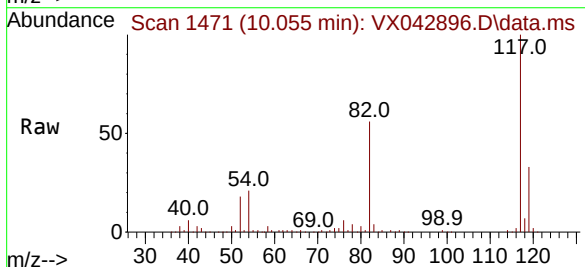
Instrument :
MSVOA_X
ClientSampleId :

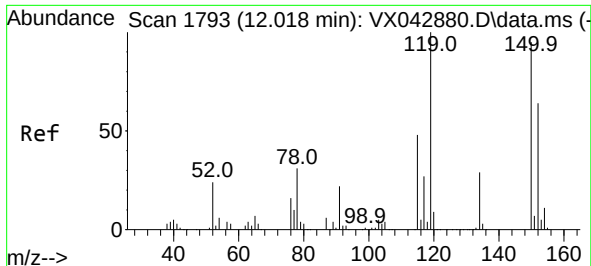
Tgt Ion: 95 Resp: 126909
Ion Ratio Lower Upper
95 100
174 79.3 0.0 135.6
176 78.5 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX042896.D
Acq: 07 Aug 2024 03:16

Tgt Ion: 117 Resp: 279166
Ion Ratio Lower Upper
117 100
82 55.6 46.2 69.4
119 32.6 25.5 38.3

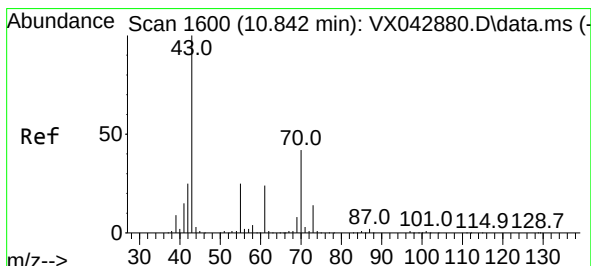
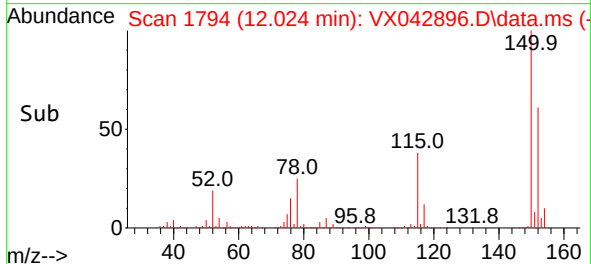
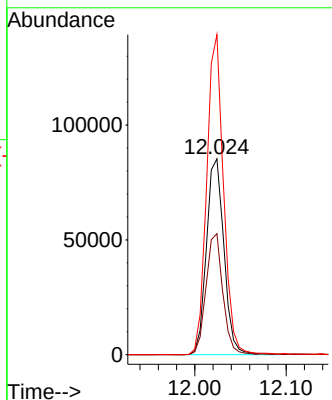
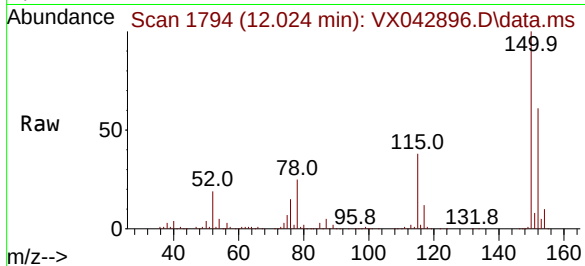




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. 0.006 min
 Lab File: VX042896.D
 Acq: 07 Aug 2024 03:16

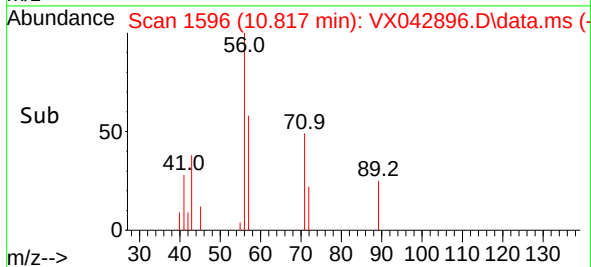
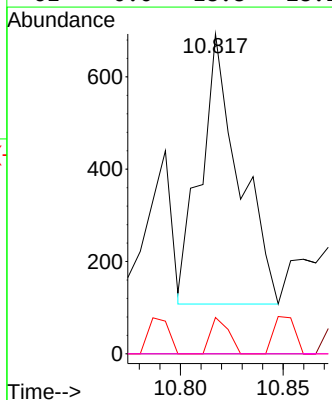
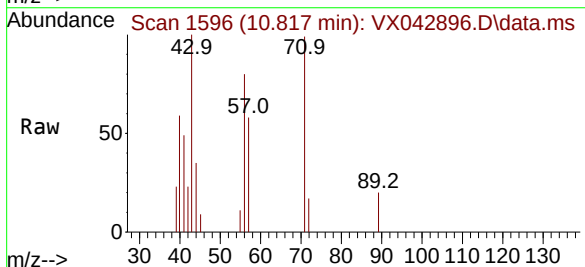
Instrument :
 MSVOA_X
 ClientSampleId :

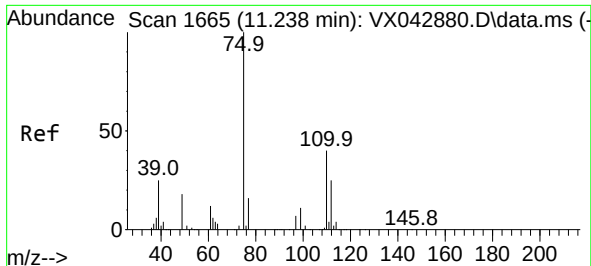
Tgt Ion:152 Resp: 113380
 Ion Ratio Lower Upper
 152 100
 115 59.7 43.3 129.9
 150 156.5 0.0 345.0



#74
 N-ethyl acetate
 Concen: 0.206 ug/l
 RT: 10.817 min Scan# 1596
 Delta R.T. -0.025 min
 Lab File: VX042896.D
 Acq: 07 Aug 2024 03:16

Tgt Ion: 43 Resp: 760
 Ion Ratio Lower Upper
 43 100
 70 0.0 32.9 49.3#
 55 6.3 19.3 28.9#
 61 0.0 18.8 28.2#

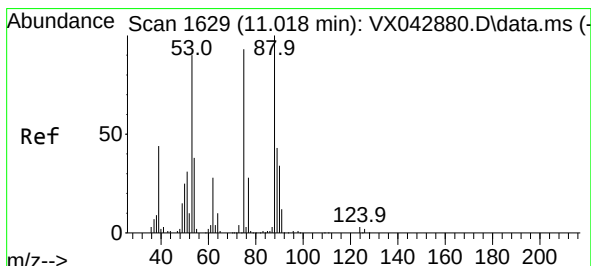
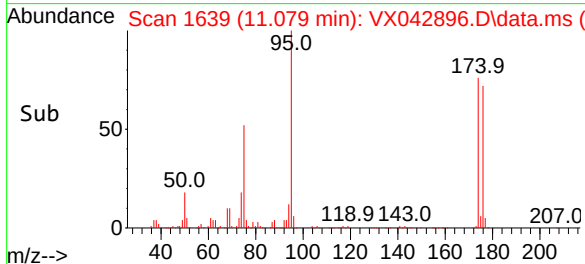
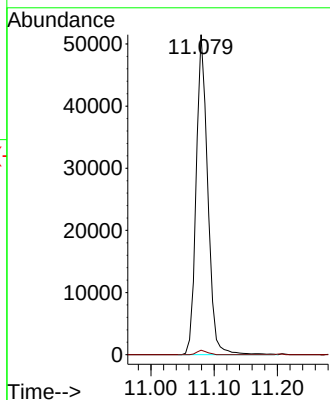
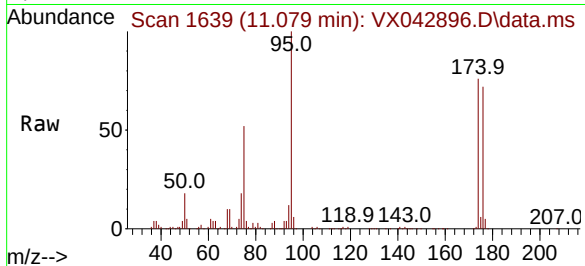




#76
1,2,3-Trichloropropane
Concen: 25.767 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX042896.D
Acq: 07 Aug 2024 03:16

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 65702
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 83.781 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX042896.D
Acq: 07 Aug 2024 03:16

Tgt Ion: 75 Resp: 65702
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.2 36.9 55.3#

