

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080124\
 Data File : VX042830.D
 Acq On : 02 Aug 2024 06:58
 Operator : JC/MD
 Sample : P3402-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 355

Quant Time: Aug 02 08:31:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 01 16:40:12 2024
 Response via : Initial Calibration

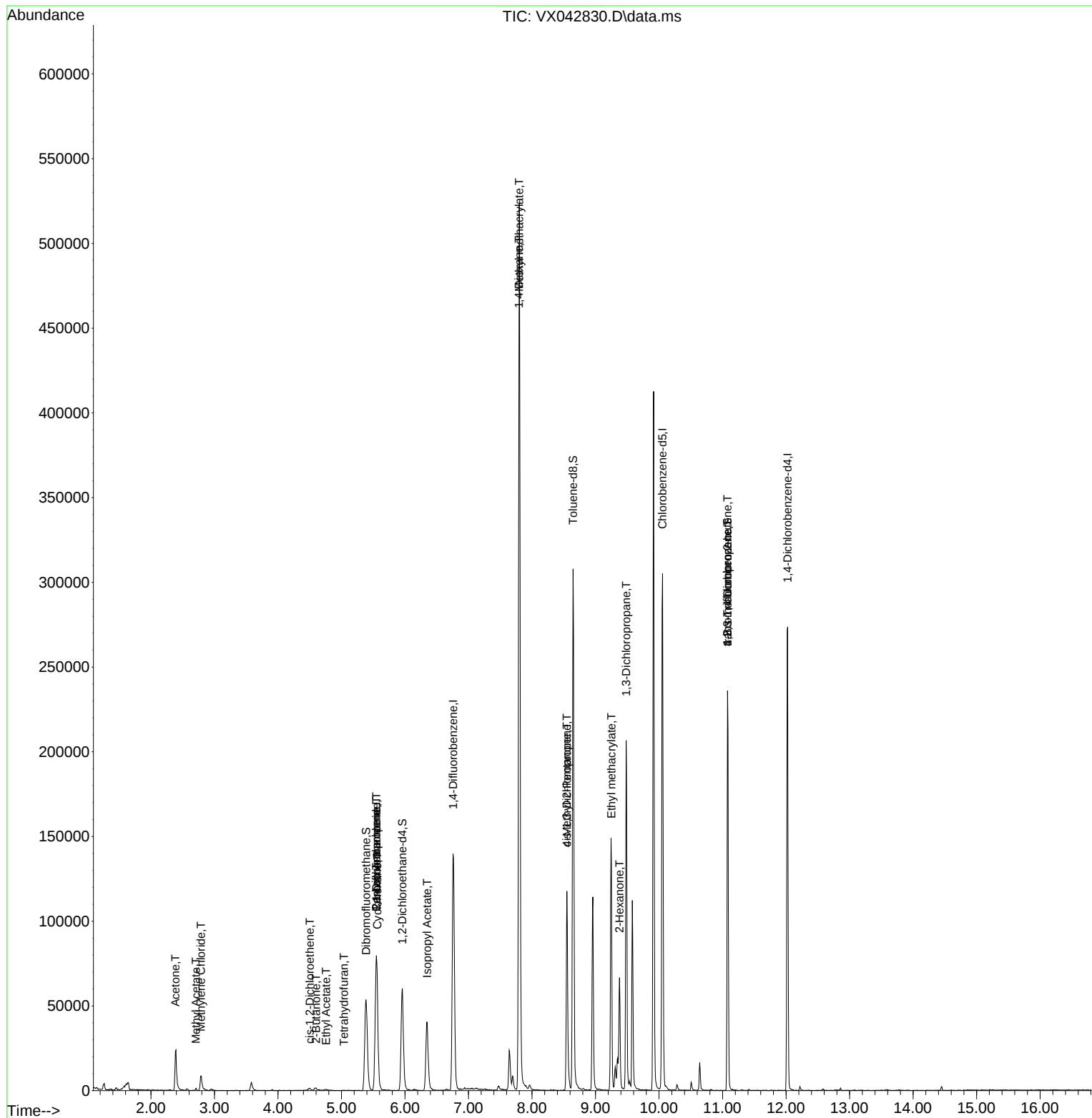
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	72007	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	144792	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	141158	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	55774	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	60427	52.234	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	104.460%
35) Dibromofluoromethane	5.385	113	47874	47.863	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.720%
50) Toluene-d8	8.647	98	179790	49.521	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.040%
62) 4-Bromofluorobenzene	11.079	95	63926	48.181	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.360%
Target Compounds						Qvalue
3) Chloromethane	1.294	50	130	Below Cal	#	43
11) Tert butyl alcohol	2.995	59	327	Below Cal	#	78
16) Acetone	2.386	43	27608	65.722	ug/l	100
18) Methyl Acetate	2.709	43	1429	1.355	ug/l	94
20) Methylene Chloride	2.788	84	5228	4.675	ug/l	95
25) 2-Butanone	4.599	43	2739	4.438	ug/l	# 73
27) cis-1,2-Dichloroethene	4.501	96	933	0.883	ug/l	73
29) Tetrahydrofuran	5.038	42	218	0.567	ug/l	# 34
31) Cyclohexane	5.562	56	1730	1.357	ug/l	# 51
36) 1,1-Dichloropropene	5.550	75	5961	4.595	ug/l	# 52
37) Ethyl Acetate	4.757	43	1036	0.782	ug/l	# 78
38) Carbon Tetrachloride	5.550	117	7963	5.327	ug/l	# 18
43) Isopropyl Acetate	6.348	43	55313	26.707	ug/l	# 94
48) Methyl methacrylate	7.799	41	46431	45.599	ug/l	# 49
49) 1,4-Dioxane	7.793	88	64	33.184	ug/l	# 1
51) 4-Methyl-2-Pentanone	8.549	43	40291	29.373	ug/l	# 53
54) cis-1,3-Dichloropropene	8.549	75	19421	13.019	ug/l	# 55
56) Ethyl methacrylate	9.250	69	670	0.433	ug/l	# 1
57) 1,3-Dichloropropane	9.482	76	2138	1.268	ug/l	# 42
59) 2-Hexanone	9.378	43	46405	43.625	ug/l	# 26
76) 1,2,3-Trichloropropane	11.079	75	34507	27.076	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	34507	80.139	ug/l	# 5

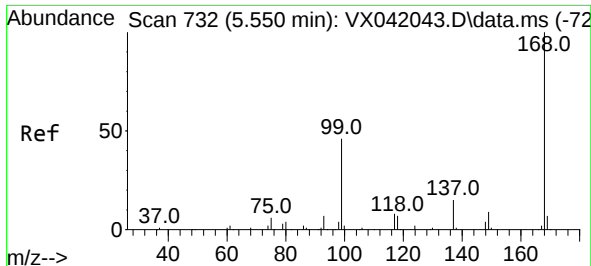
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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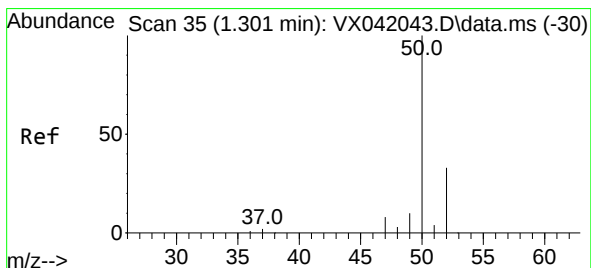
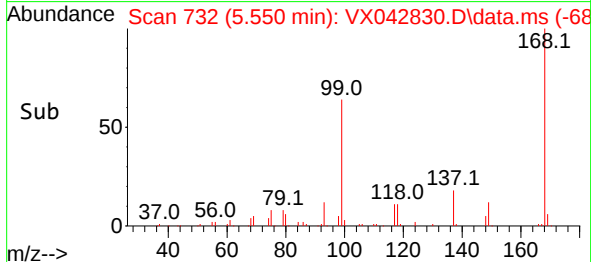
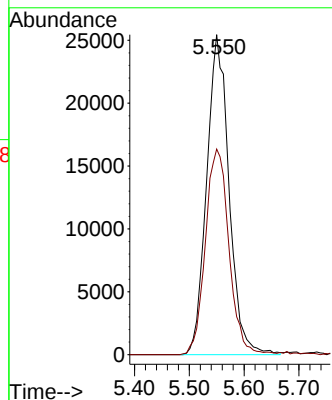
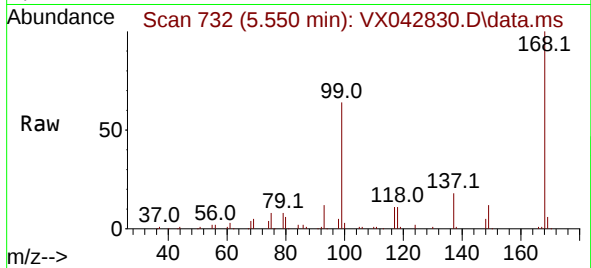




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042830.D
Acq: 02 Aug 2024 06:58

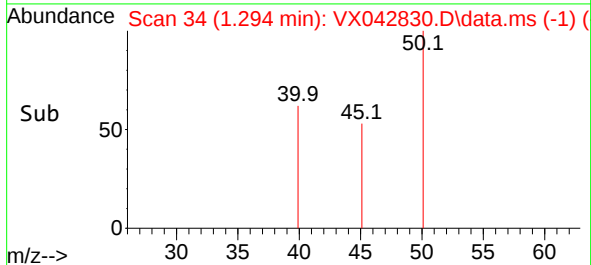
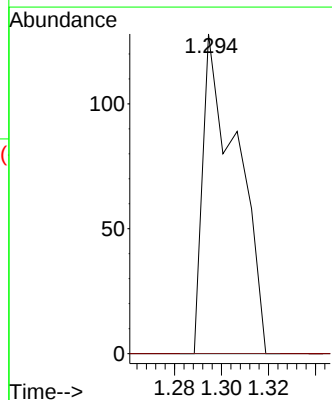
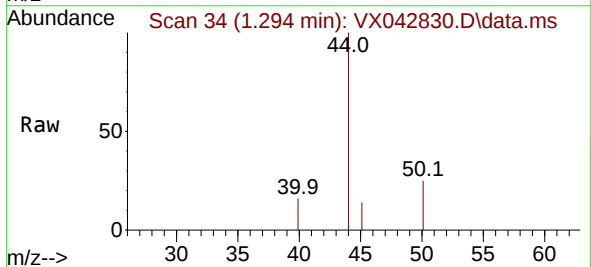
Instrument :
MSVOA_X
ClientSampleId :
355

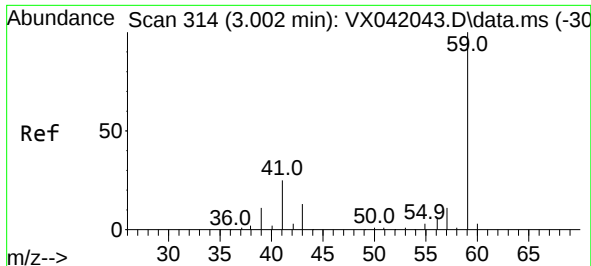
Tgt Ion:168 Resp: 72007
Ion Ratio Lower Upper
168 100
99 64.3 56.6 85.0



#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. -0.013 min
Lab File: VX042830.D
Acq: 02 Aug 2024 06:58

Tgt Ion: 50 Resp: 130
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.995 min Scan# 31

Delta R.T. -0.012 min

Lab File: VX042830.D

Acq: 02 Aug 2024 06:58

Instrument :

MSVOA_X

ClientSampleId :

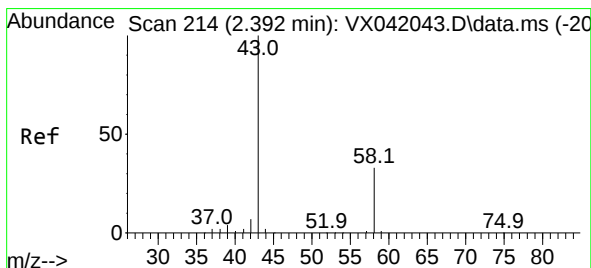
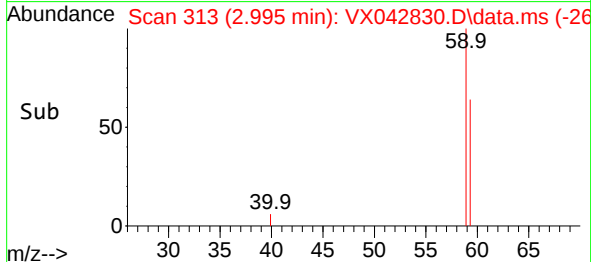
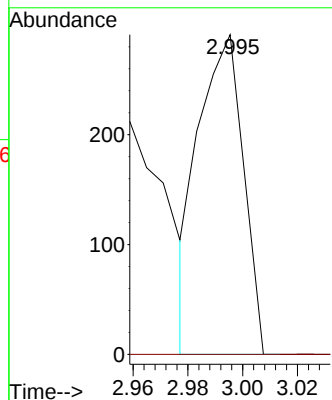
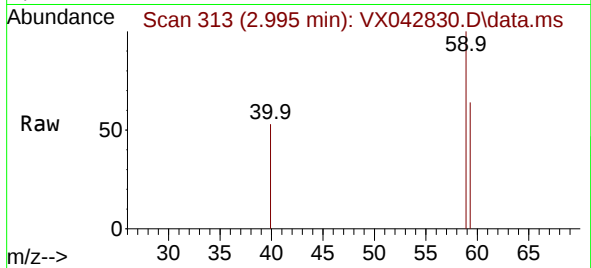
355

Tgt Ion: 59 Resp: 327

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: 65.722 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.012 min

Lab File: VX042830.D

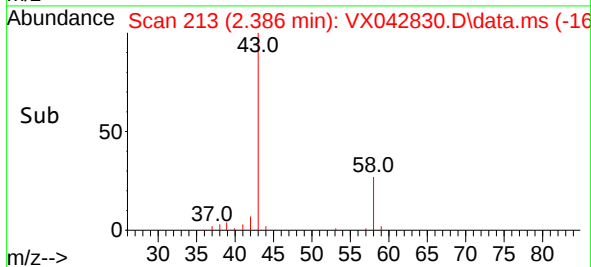
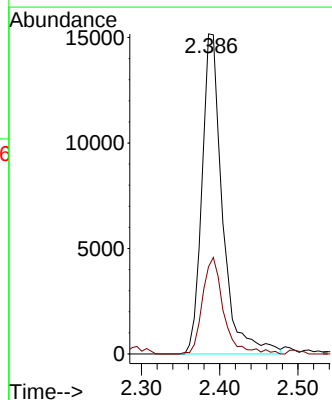
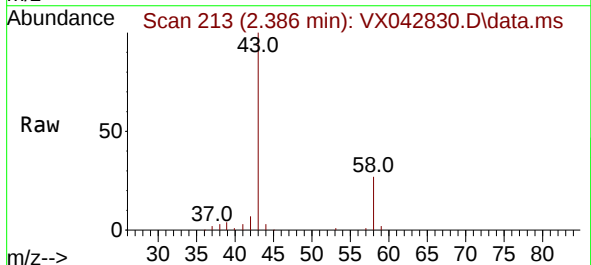
Acq: 02 Aug 2024 06:58

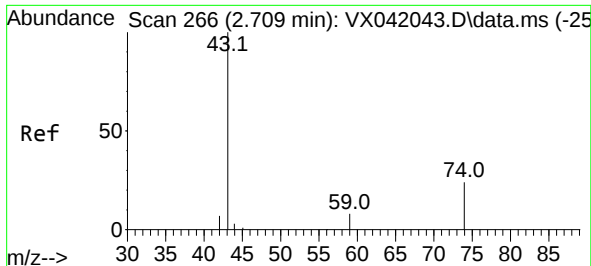
Tgt Ion: 43 Resp: 27608

Ion Ratio Lower Upper

43 100

58 27.2 21.9 32.9





#18

Methyl Acetate

Concen: 1.355 ug/l

RT: 2.709 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX042830.D

Acq: 02 Aug 2024 06:58

Instrument :

MSVOA_X

ClientSampleId :

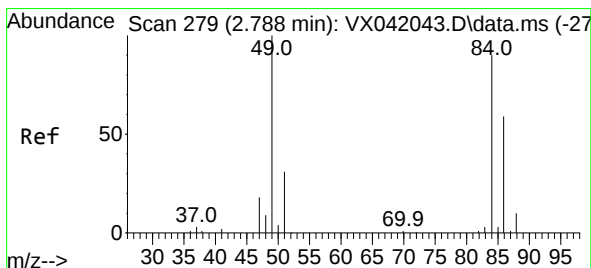
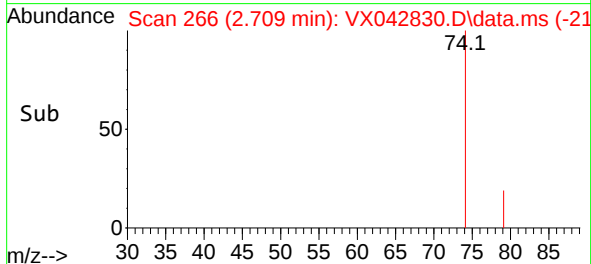
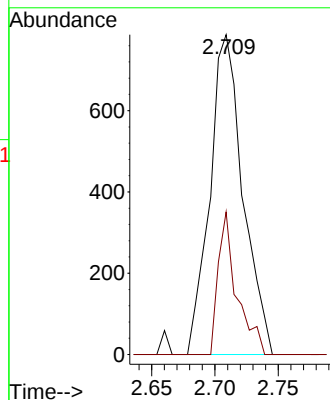
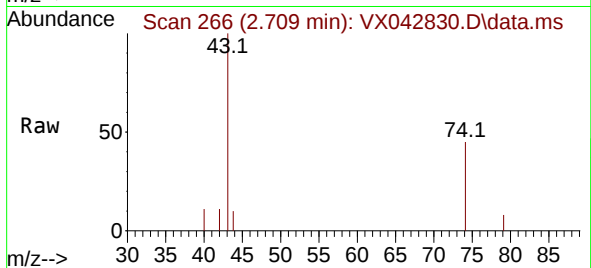
355

Tgt Ion: 43 Resp: 1429

Ion Ratio Lower Upper

43 100

74 25.1 17.8 26.8



#20

Methylene Chloride

Concen: 4.675 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.006 min

Lab File: VX042830.D

Acq: 02 Aug 2024 06:58

Tgt Ion: 84 Resp: 5228

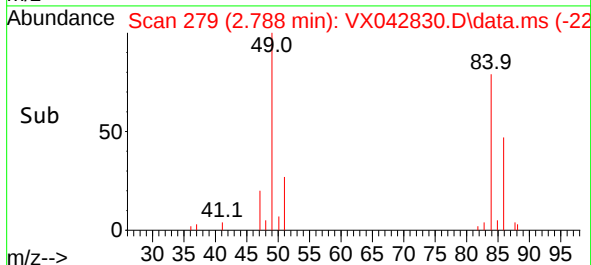
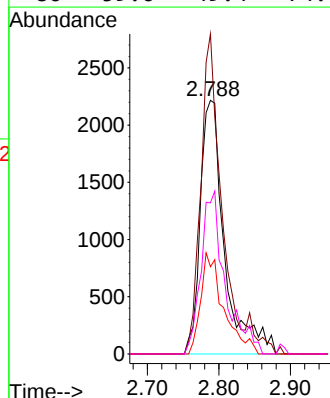
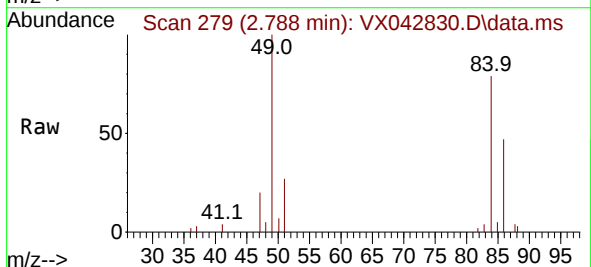
Ion Ratio Lower Upper

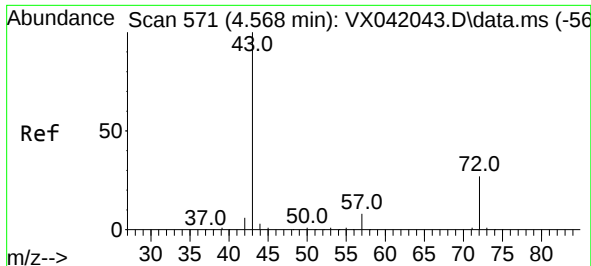
84 100

49 126.2 103.6 155.4

51 34.4 33.8 50.6

86 59.6 49.4 74.0

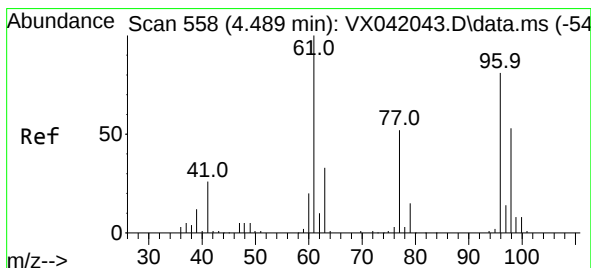
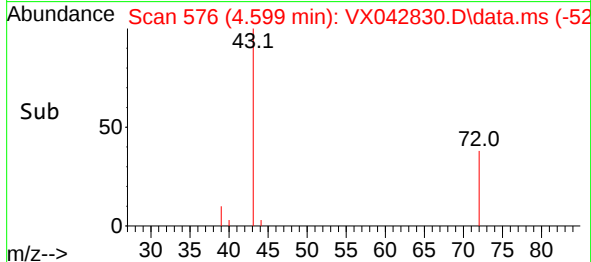
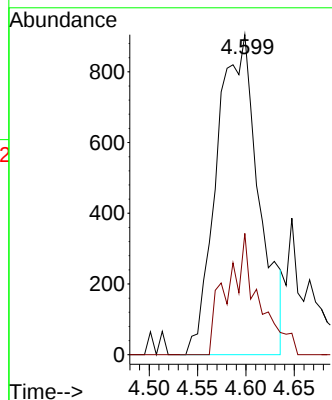
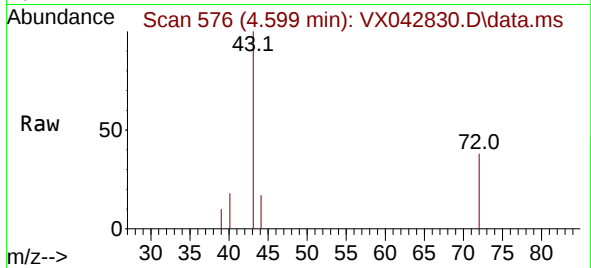




#25
2-Butanone
Concen: 4.438 ug/l
RT: 4.599 min Scan# 51
Delta R.T. 0.025 min
Lab File: VX042830.D
Acq: 02 Aug 2024 06:58

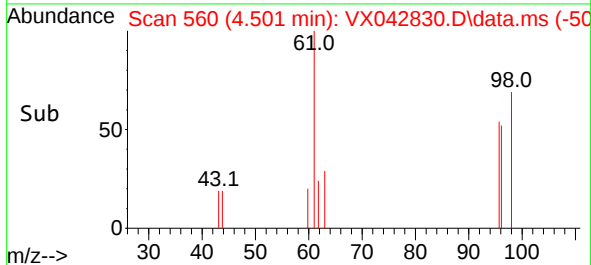
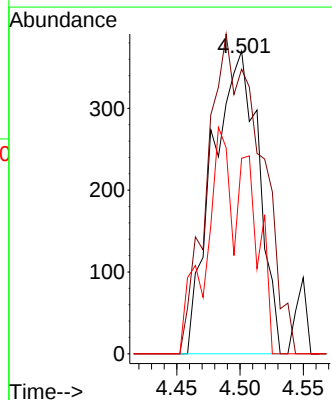
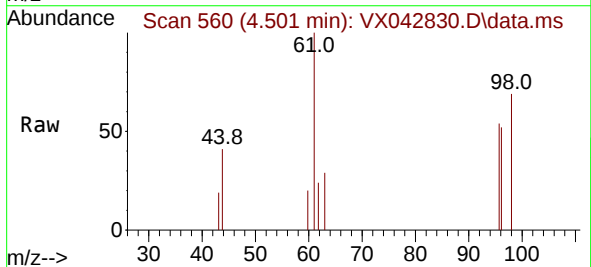
Instrument :
MSVOA_X
ClientSampleId :
355

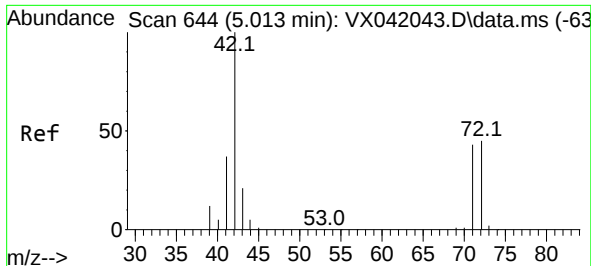
Tgt Ion: 43 Resp: 2739
Ion Ratio Lower Upper
43 100
72 37.9 19.4 29.2#



#27
cis-1,2-Dichloroethene
Concen: 0.883 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.012 min
Lab File: VX042830.D
Acq: 02 Aug 2024 06:58

Tgt Ion: 96 Resp: 933
Ion Ratio Lower Upper
96 100
61 122.5 0.0 312.2
98 42.1 0.0 129.0





#29

Tetrahydrofuran

Concen: 0.567 ug/l

RT: 5.038 min Scan# 64

Delta R.T. 0.019 min

Lab File: VX042830.D

Acq: 02 Aug 2024 06:58

Instrument :

MSVOA_X

ClientSampleId :

355

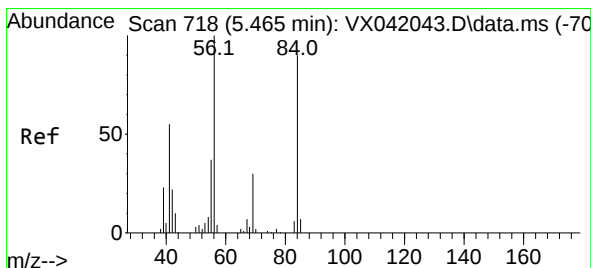
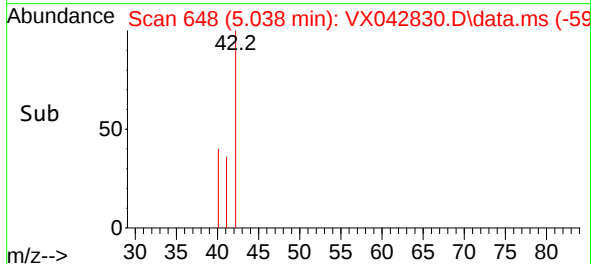
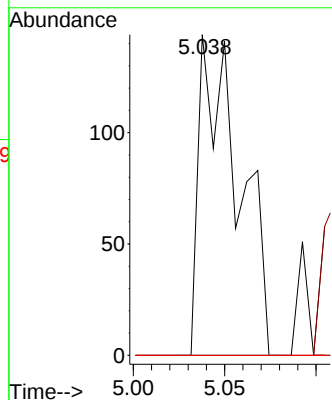
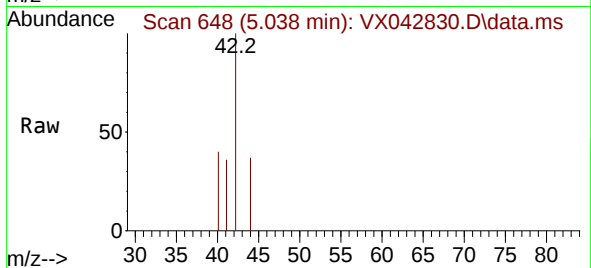
Tgt Ion: 42 Resp: 218

Ion Ratio Lower Upper

42 100

72 0.0 34.2 51.4#

71 0.0 32.2 48.2#



#31

Cyclohexane

Concen: 1.357 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.098 min

Lab File: VX042830.D

Acq: 02 Aug 2024 06:58

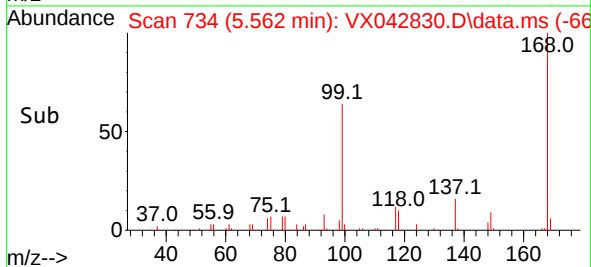
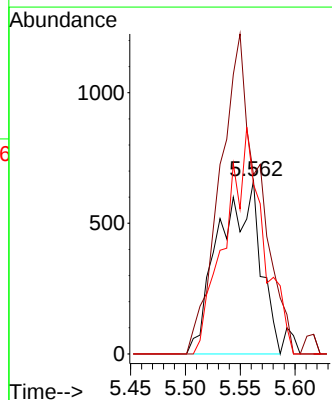
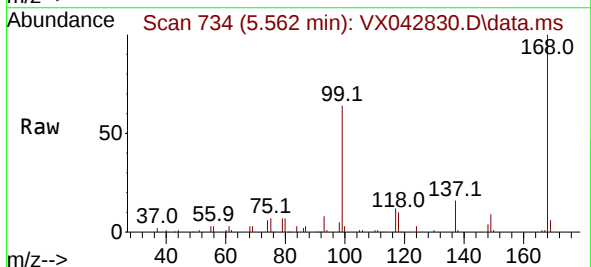
Tgt Ion: 56 Resp: 1730

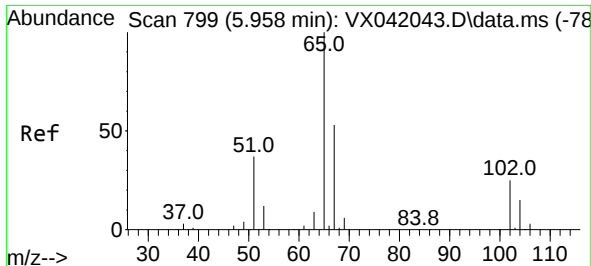
Ion Ratio Lower Upper

56 100

69 103.5 23.4 35.2#

84 97.9 65.9 98.9





#33

1,2-Dichloroethane-d4

Concen: 52.234 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX042830.D

Acq: 02 Aug 2024 06:58

Instrument :

MSVOA_X

ClientSampleId :

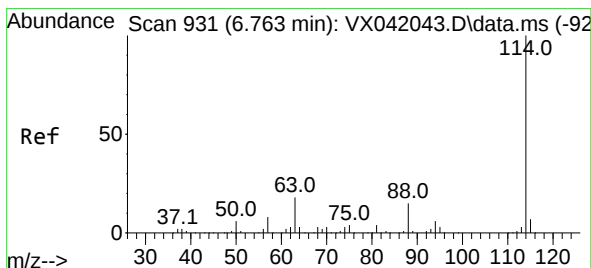
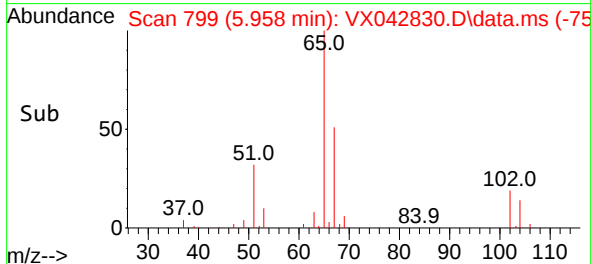
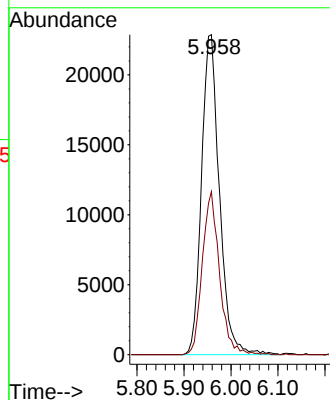
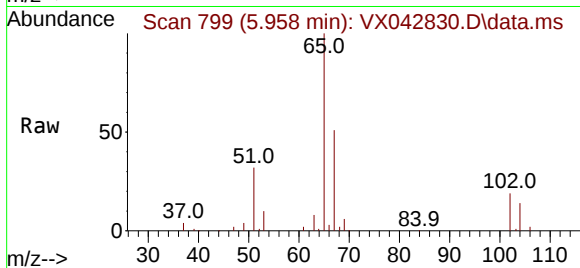
355

Tgt Ion: 65 Resp: 60427

Ion Ratio Lower Upper

65 100

67 49.1 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX042830.D

Acq: 02 Aug 2024 06:58

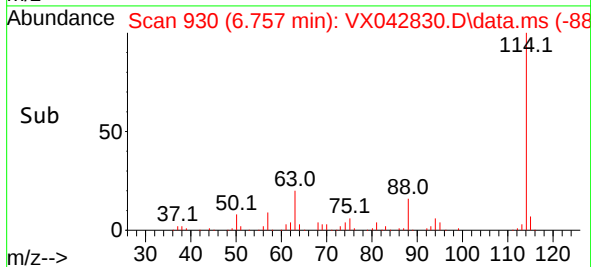
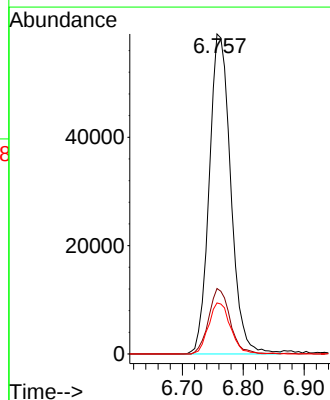
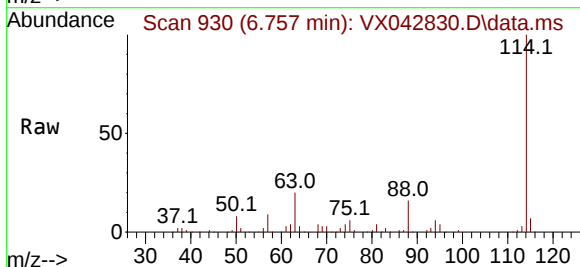
Tgt Ion: 114 Resp: 144792

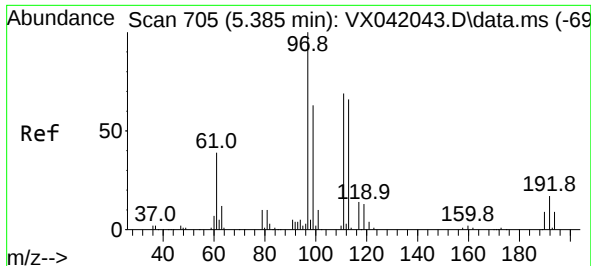
Ion Ratio Lower Upper

114 100

63 20.5 0.0 45.0

88 16.0 0.0 36.6

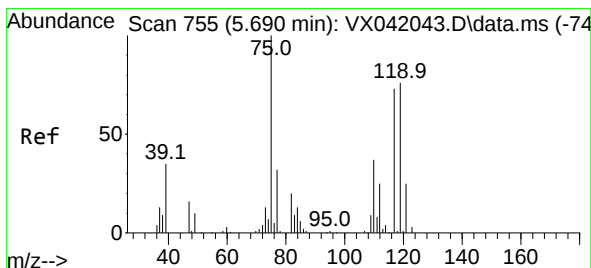
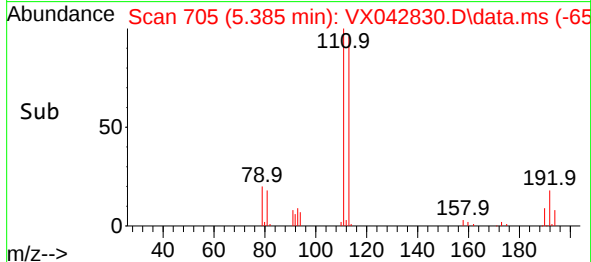
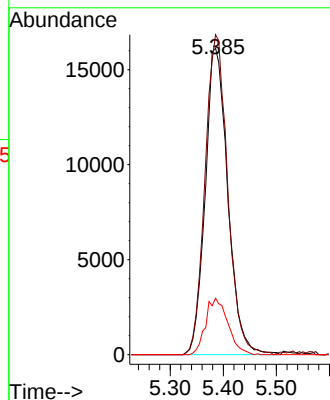
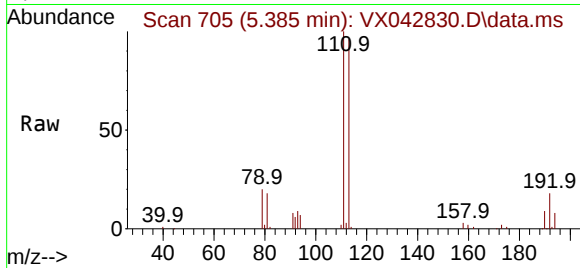




#35
 Dibromofluoromethane
 Concen: 47.863 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. -0.006 min
 Lab File: VX042830.D
 Acq: 02 Aug 2024 06:58

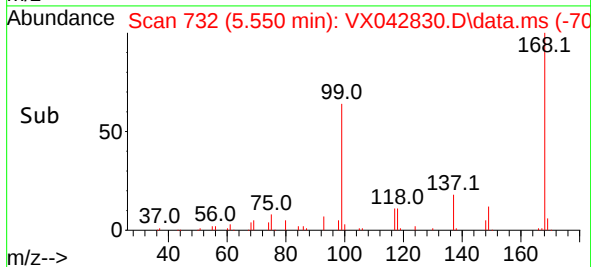
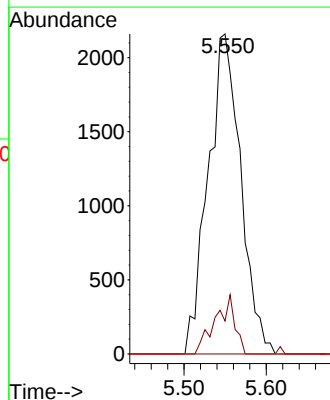
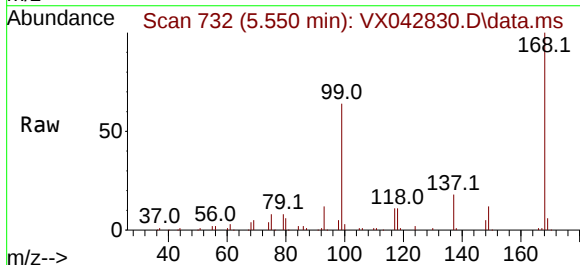
Instrument :
 MSVOA_X
 ClientSampleId :
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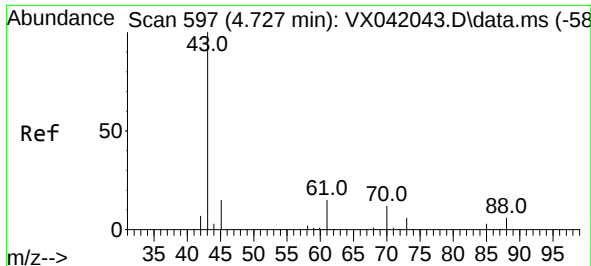
Tgt Ion:113 Resp: 47874
 Ion Ratio Lower Upper
 113 100
 111 104.4 82.9 124.3
 192 18.2 13.3 19.9



#36
 1,1-Dichloropropene
 Concen: 4.595 ug/l
 RT: 5.550 min Scan# 732
 Delta R.T. -0.140 min
 Lab File: VX042830.D
 Acq: 02 Aug 2024 06:58

Tgt Ion: 75 Resp: 5961
 Ion Ratio Lower Upper
 75 100
 110 11.1 17.0 50.9#
 77 0.0 24.7 37.1#

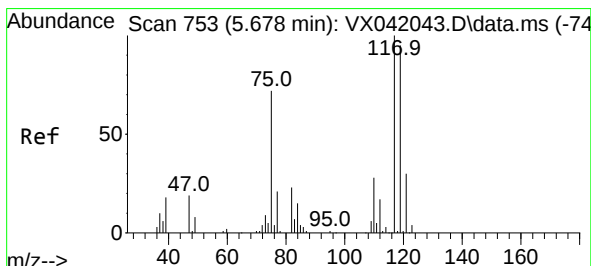
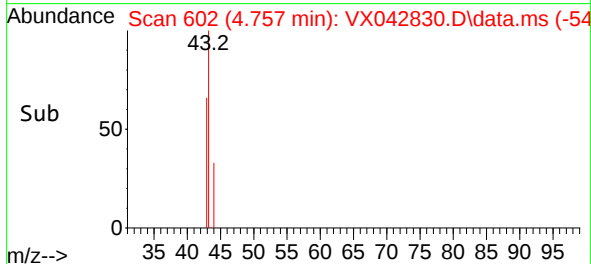
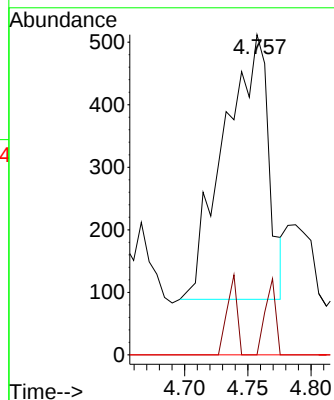
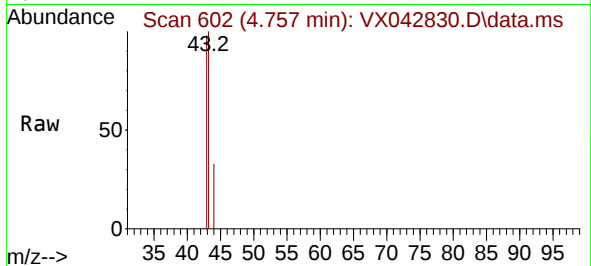




#37
Ethyl Acetate
Concen: 0.782 ug/l
RT: 4.757 min Scan# 602
Delta R.T. 0.030 min
Lab File: VX042830.D
Acq: 02 Aug 2024 06:58

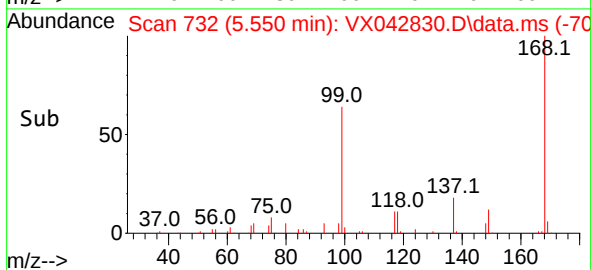
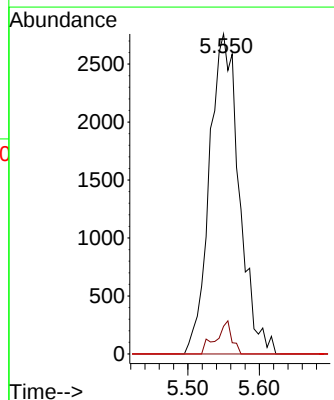
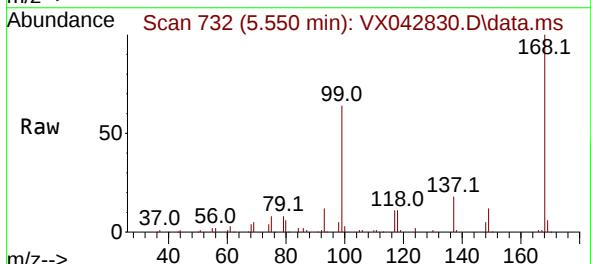
Instrument :
MSVOA_X
ClientSampleId :
355

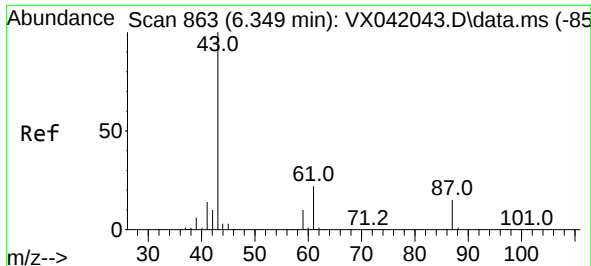
Tgt Ion: 43 Resp: 1036
Ion Ratio Lower Upper
43 100
61 6.7 10.6 16.0#
70 0.0 8.3 12.5#



#38
Carbon Tetrachloride
Concen: 5.327 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX042830.D
Acq: 02 Aug 2024 06:58

Tgt Ion: 117 Resp: 7963
Ion Ratio Lower Upper
117 100
119 8.7 78.2 117.2#
121 0.0 24.4 36.6#

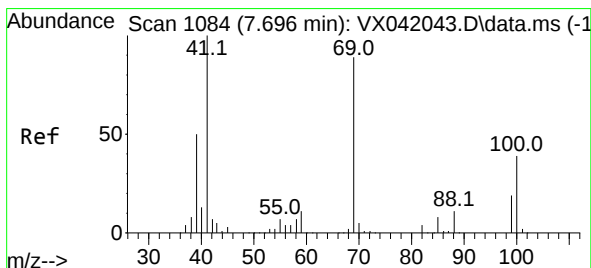
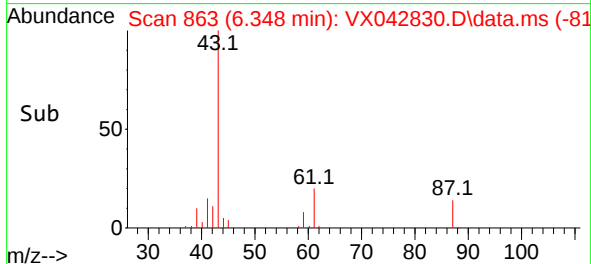
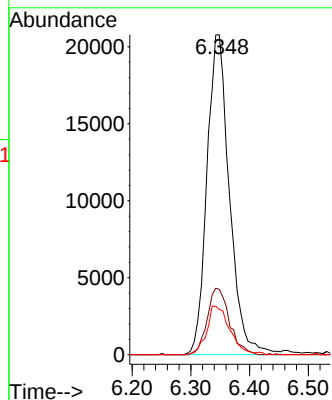
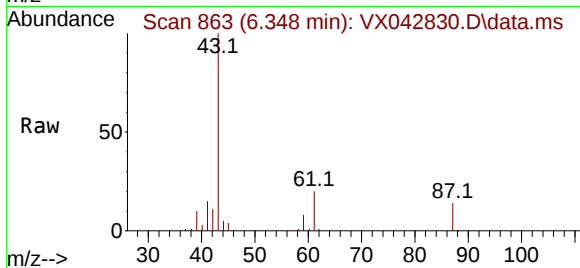




#43
Isopropyl Acetate
Concen: 26.707 ug/l
RT: 6.348 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX042830.D
Acq: 02 Aug 2024 06:58

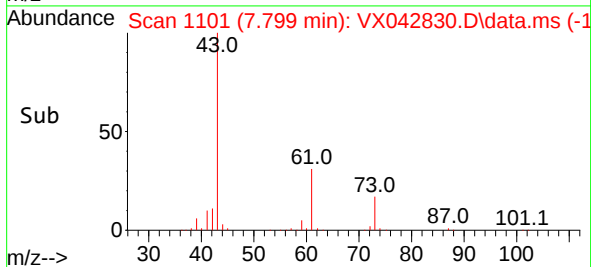
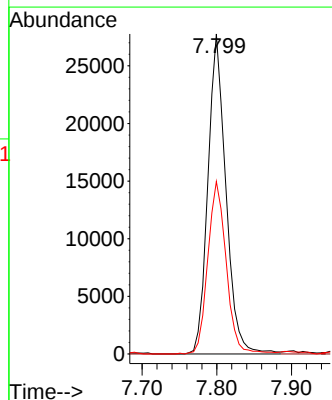
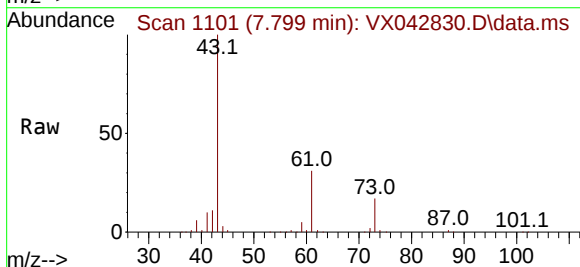
Instrument :
MSVOA_X
ClientSampleId :
355

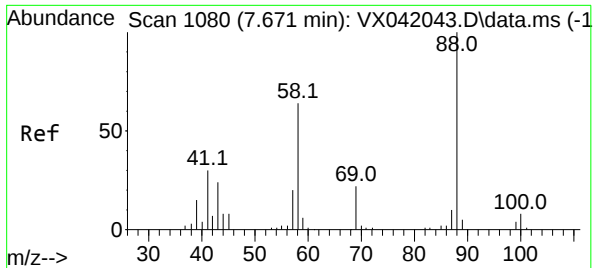
Tgt Ion: 43 Resp: 55313
Ion Ratio Lower Upper
43 100
61 20.5 15.2 22.8
87 15.7 9.8 14.6#



#48
Methyl methacrylate
Concen: 45.599 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.103 min
Lab File: VX042830.D
Acq: 02 Aug 2024 06:58

Tgt Ion: 41 Resp: 46431
Ion Ratio Lower Upper
41 100
69 0.0 59.2 88.8#
39 55.2 47.7 71.5

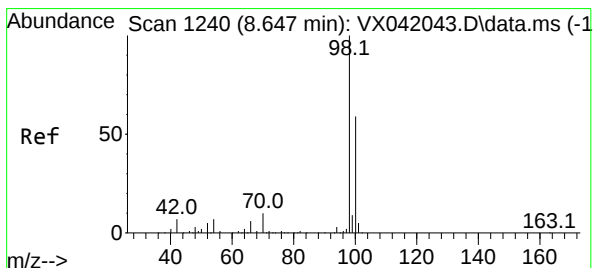
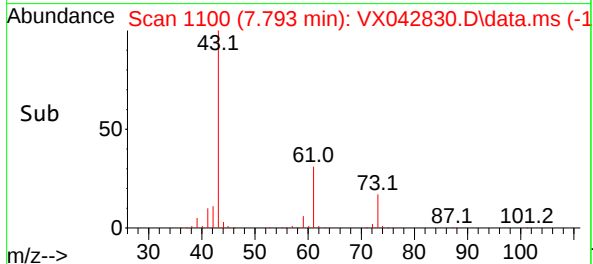
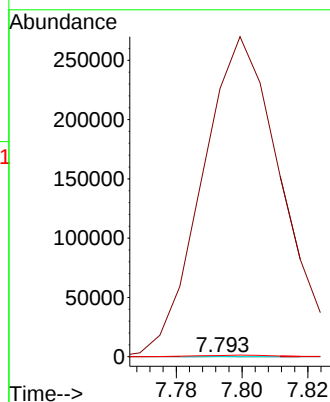
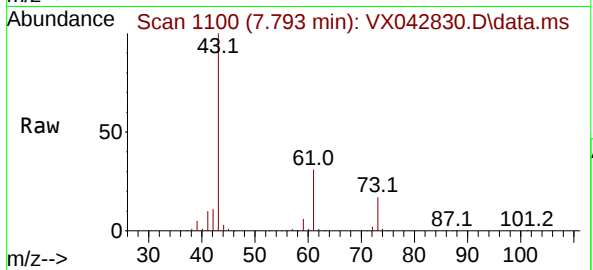




#49
1,4-Dioxane
Concen: 33.184 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.128 min
Lab File: VX042830.D
Acq: 02 Aug 2024 06:58

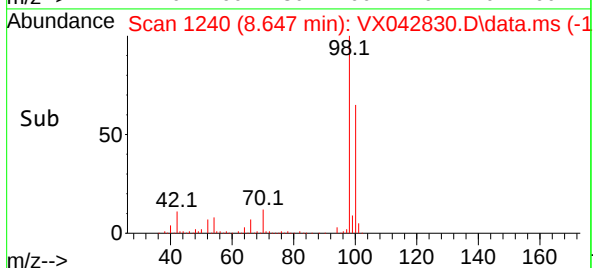
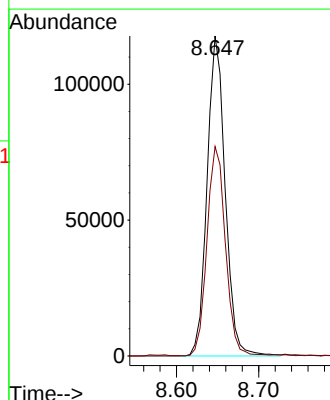
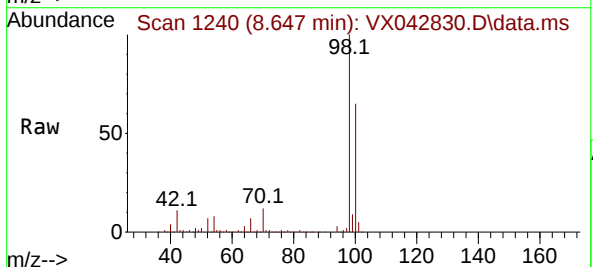
Instrument :
MSVOA_X
ClientSampleId :
355

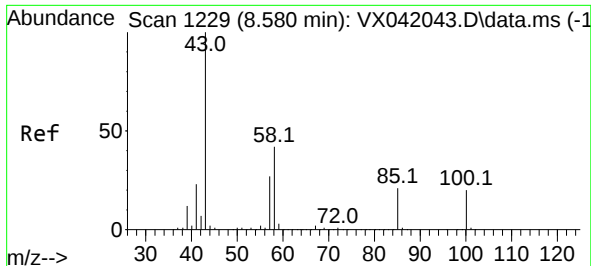
Tgt Ion: 88 Resp: 64
Ion Ratio Lower Upper
88 100
43 729496.9 0.0 0.0#
58 3581.3 60.1 90.1#



#50
Toluene-d8
Concen: 49.521 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX042830.D
Acq: 02 Aug 2024 06:58

Tgt Ion: 98 Resp: 179790
Ion Ratio Lower Upper
98 100
100 66.7 53.1 79.7

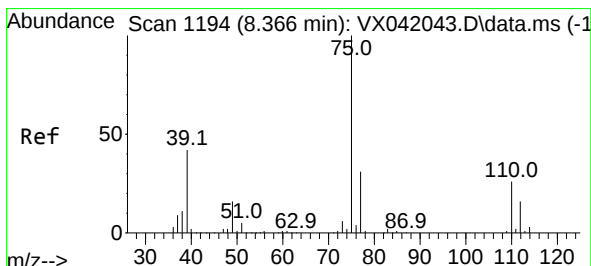
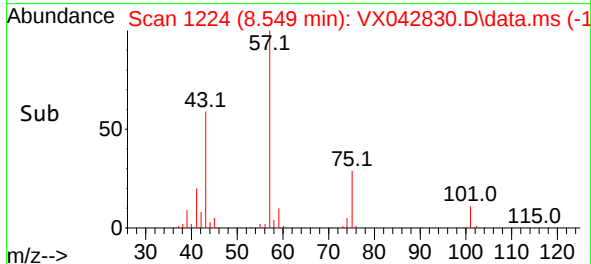
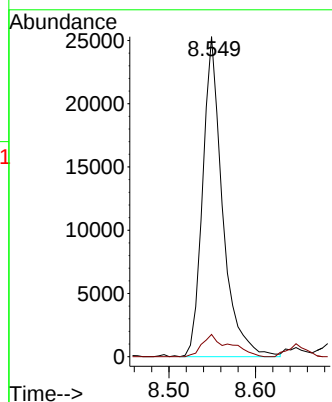
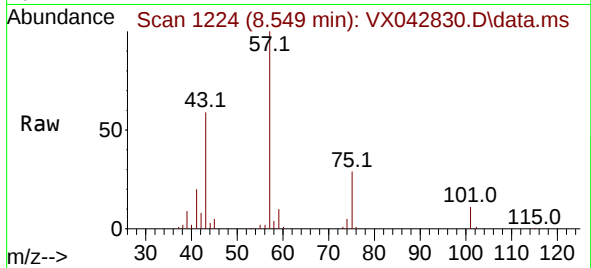




#51
4-Methyl-2-Pentanone
Concen: 29.373 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.031 min
Lab File: VX042830.D
Acq: 02 Aug 2024 06:58

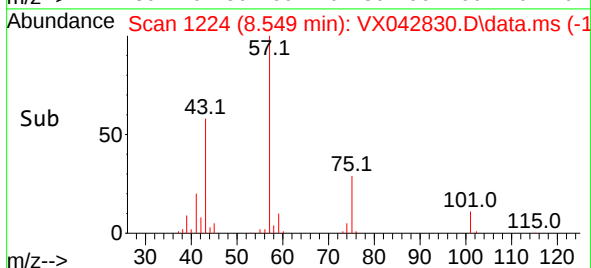
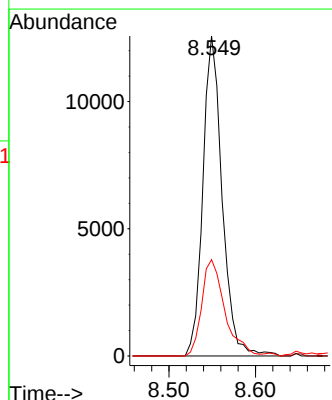
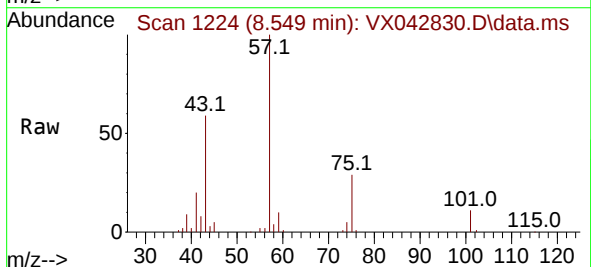
Instrument :
MSVOA_X
ClientSampleId :
355

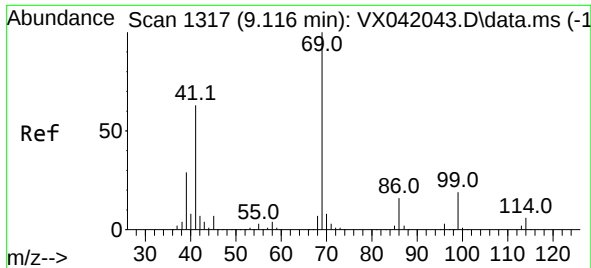
Tgt Ion: 43 Resp: 40291
Ion Ratio Lower Upper
43 100
58 9.6 30.4 45.6#



#54
cis-1,3-Dichloropropene
Concen: 13.019 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX042830.D
Acq: 02 Aug 2024 06:58

Tgt Ion: 75 Resp: 19421
Ion Ratio Lower Upper
75 100
77 0.0 25.3 37.9#
39 30.1 46.7 70.1#

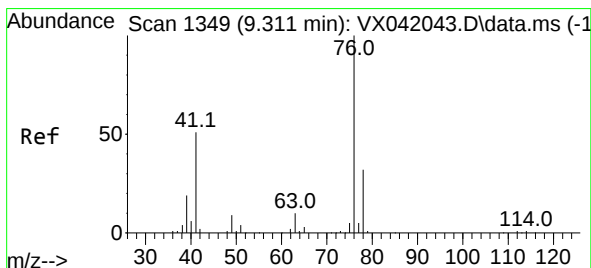
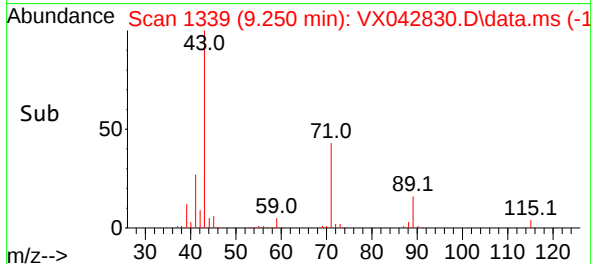
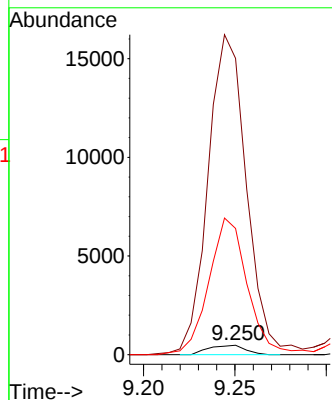
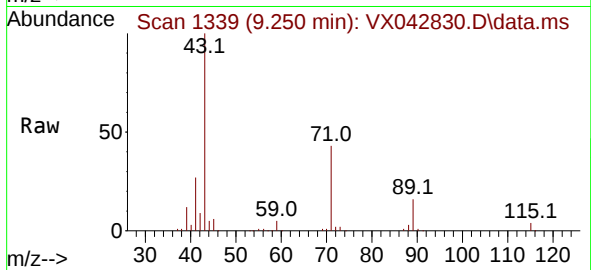




#56
Ethyl methacrylate
Concen: 0.433 ug/l
RT: 9.250 min Scan# 11
Delta R.T. 0.128 min
Lab File: VX042830.D
Acq: 02 Aug 2024 06:58

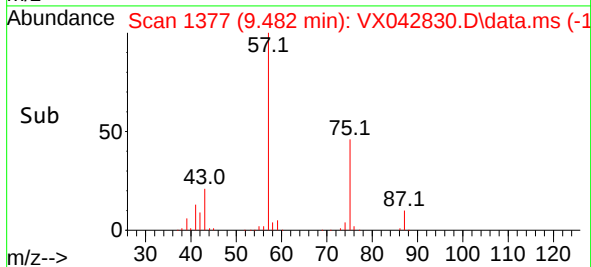
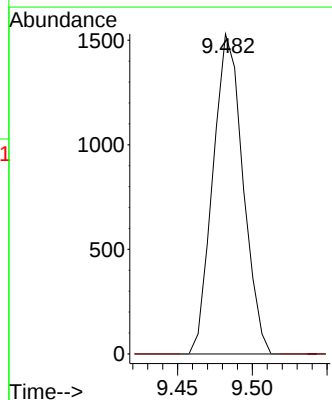
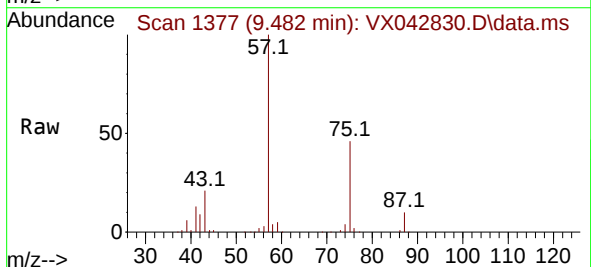
Instrument :
MSVOA_X
ClientSampleId :
355

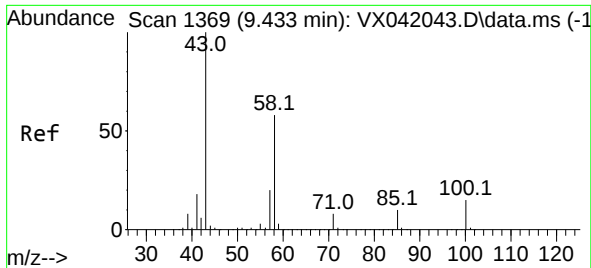
Tgt Ion: 69 Resp: 670
Ion Ratio Lower Upper
69 100
41 3562.5 56.8 85.2#
39 1531.0 32.0 48.0#



#57
1,3-Dichloropropane
Concen: 1.268 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.171 min
Lab File: VX042830.D
Acq: 02 Aug 2024 06:58

Tgt Ion: 76 Resp: 2138
Ion Ratio Lower Upper
76 100
78 0.0 26.1 39.1#

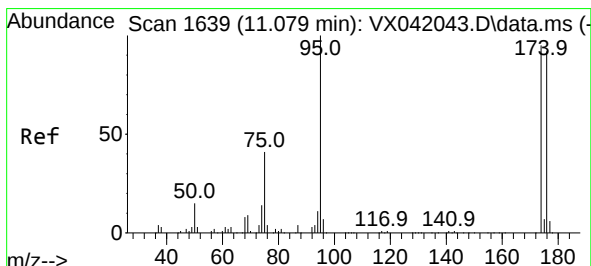
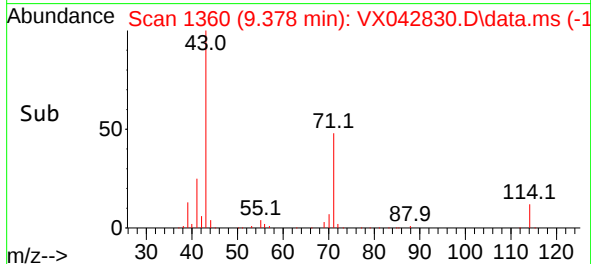
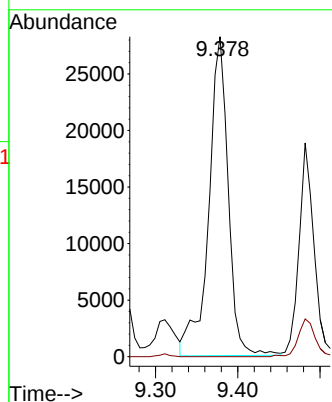
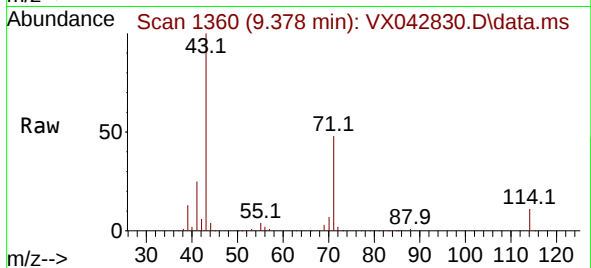




#59
2-Hexanone
Concen: 43.625 ug/l
RT: 9.378 min Scan# 11
Delta R.T. -0.055 min
Lab File: VX042830.D
Acq: 02 Aug 2024 06:58

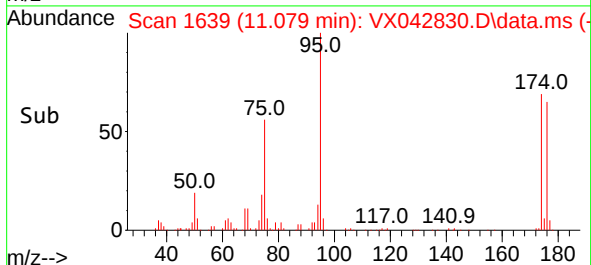
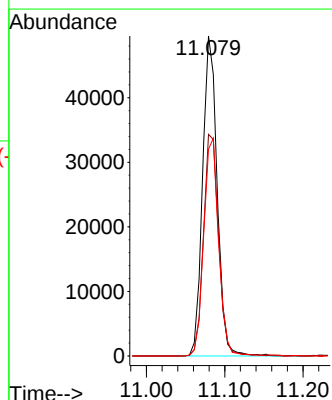
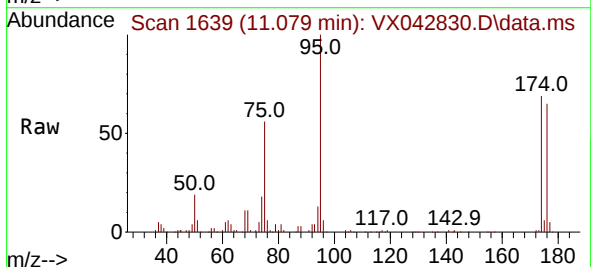
Instrument :
MSVOA_X
ClientSampleId :
355

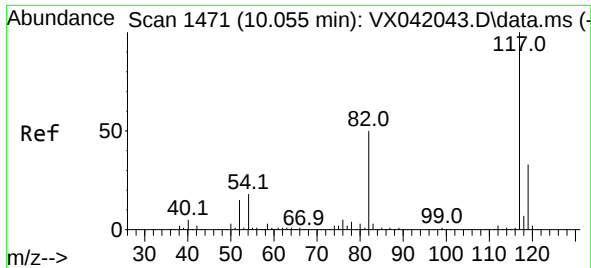
Tgt Ion: 43 Resp: 46405
Ion Ratio Lower Upper
43 100
58 0.0 26.2 78.5#



#62
4-Bromofluorobenzene
Concen: 48.181 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042830.D
Acq: 02 Aug 2024 06:58

Tgt Ion: 95 Resp: 63926
Ion Ratio Lower Upper
95 100
174 71.9 0.0 135.6
176 69.5 0.0 131.0

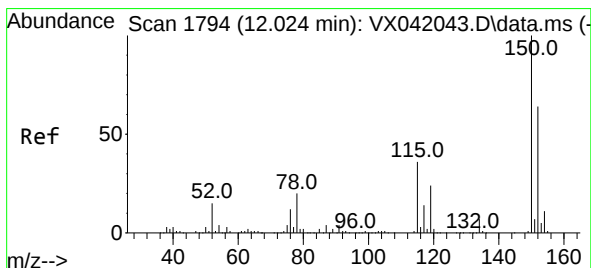
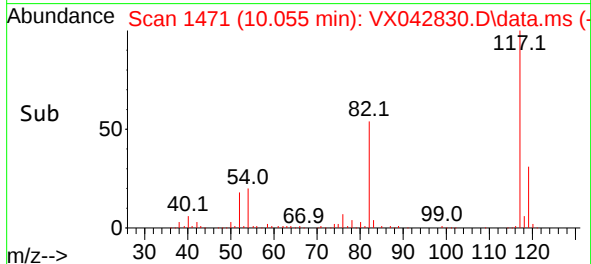
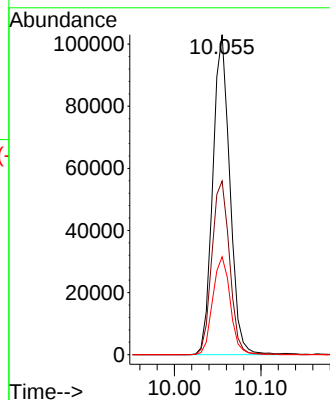
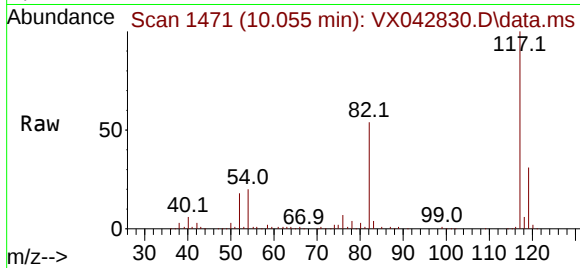




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX042830.D
Acq: 02 Aug 2024 06:58

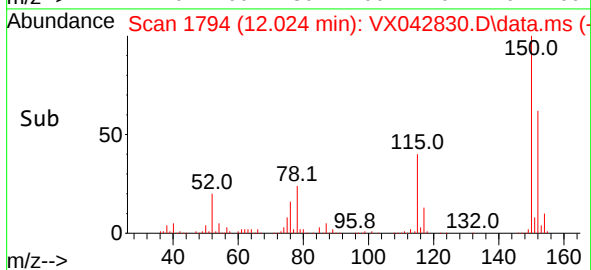
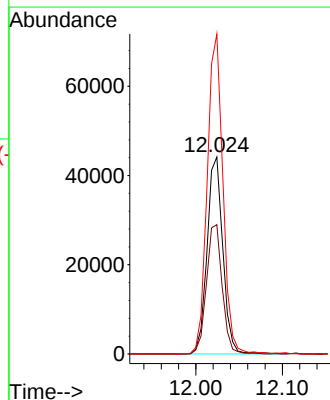
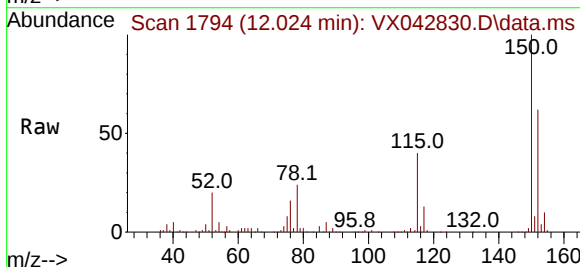
Instrument :
MSVOA_X
ClientSampleId :
355

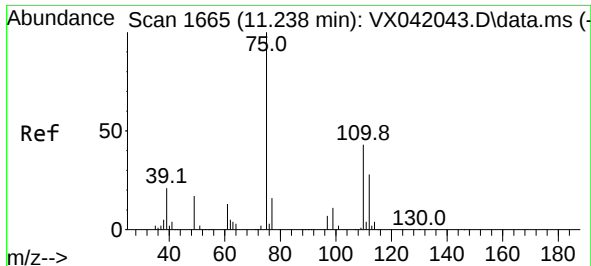
Tgt Ion:117 Resp: 141158
Ion Ratio Lower Upper
117 100
82 54.3 46.2 69.4
119 30.6 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX042830.D
Acq: 02 Aug 2024 06:58

Tgt Ion:152 Resp: 55774
Ion Ratio Lower Upper
152 100
115 65.6 43.3 129.9
150 161.3 0.0 345.0

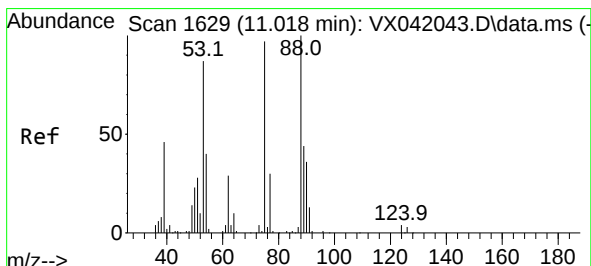
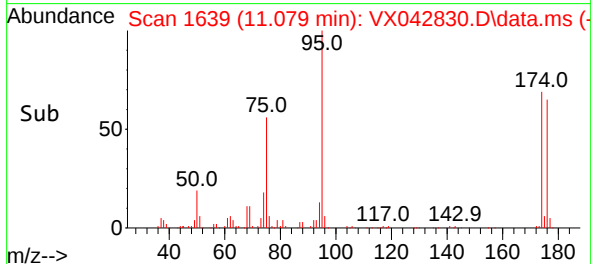
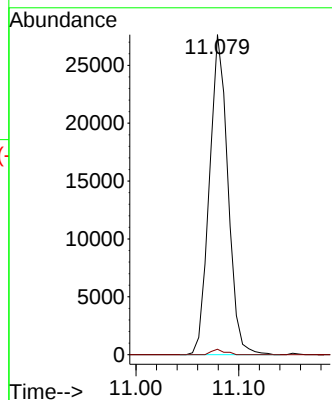
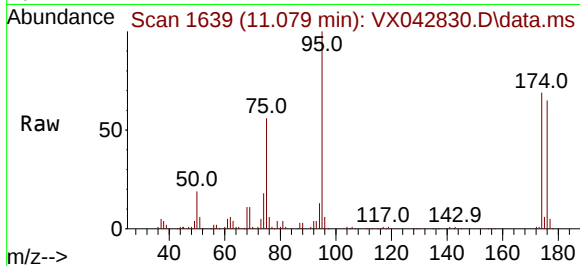




#76
1,2,3-Trichloropropane
Concen: 27.076 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX042830.D
Acq: 02 Aug 2024 06:58

Instrument :
MSVOA_X
ClientSampleId :
355

Tgt Ion: 75 Resp: 34507
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 80.139 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX042830.D
Acq: 02 Aug 2024 06:58

Tgt Ion: 75 Resp: 34507
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

