

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100424\
 Data File : VX043273.D
 Acq On : 04 Oct 2024 09:01
 Operator : JC/MD
 Sample : VX1004MBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 04 23:23:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 16:50:57 2024
 Response via : Initial Calibration

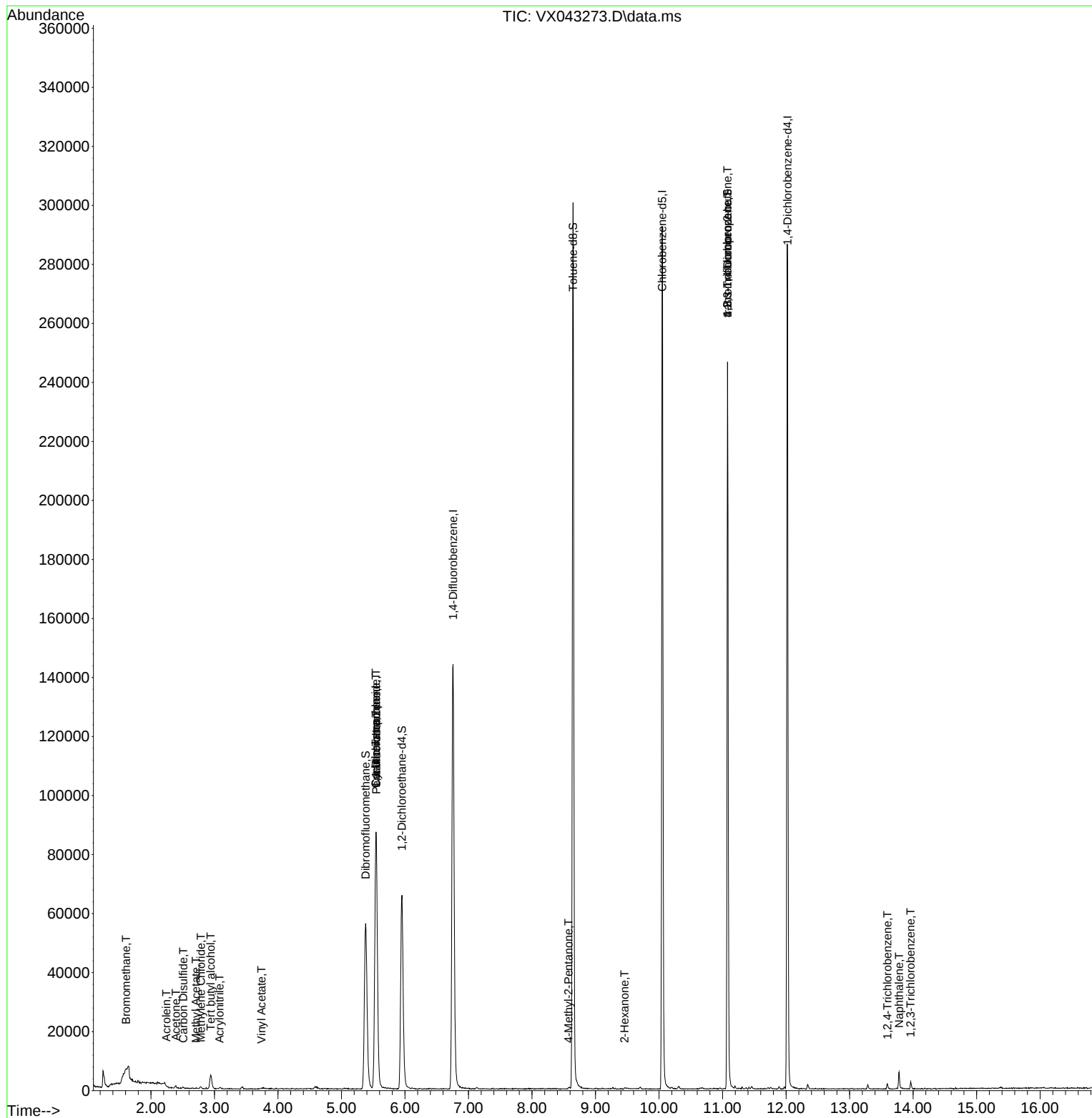
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	80943	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	149302	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	130273	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	58428	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	68523	51.836	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	103.680%	
35) Dibromofluoromethane	5.379	113	50297	48.849	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	97.700%	
50) Toluene-d8	8.647	98	178891	50.135	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	100.260%	
62) 4-Bromofluorobenzene	11.079	95	65005	50.146	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	100.300%	
Target Compounds						Qvalue
5) Bromomethane	1.605	94	120	0.302	ug/l	85
11) Tert butyl alcohol	2.941	59	2877	11.437	ug/l #	71
13) Acrolein	2.239	56	271	1.141	ug/l #	78
15) Acrylonitrile	3.081	53	161	0.313	ug/l #	56
16) Acetone	2.392	43	964	1.746	ug/l #	88
17) Carbon Disulfide	2.508	76	527	0.241	ug/l #	76
18) Methyl Acetate	2.709	43	356	0.257	ug/l #	51
20) Methylene Chloride	2.788	84	337	0.331	ug/l #	77
23) Vinyl Acetate	3.739	43	994	6.639	ug/l #	71
31) Cyclohexane	5.544	56	2054	1.440	ug/l #	29
36) 1,1-Dichloropropene	5.544	75	6995	5.378	ug/l #	50
38) Carbon Tetrachloride	5.544	117	8795	5.711	ug/l #	16
51) 4-Methyl-2-Pentanone	8.574	43	469	0.299	ug/l #	76
59) 2-Hexanone	9.458	43	525	0.443	ug/l	64
76) 1,2,3-Trichloropropane	11.079	75	36291	28.002	ug/l #	33
81) trans-1,4-Dichloro-2-b...	11.079	75	36291	72.572	ug/l #	8
93) 1,2,4-Trichlorobenzene	13.597	180	637	0.555	ug/l	92
95) Naphthalene	13.780	128	4353	1.031	ug/l #	96
96) 1,2,3-Trichlorobenzene	13.963	180	710	0.599	ug/l	93

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

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Oct 04 23:23:34 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 02 16:50:57 2024
Response via : Initial Calibration



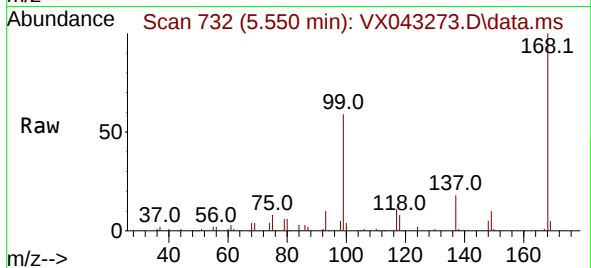


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043273.D
Acq: 04 Oct 2024 09:01

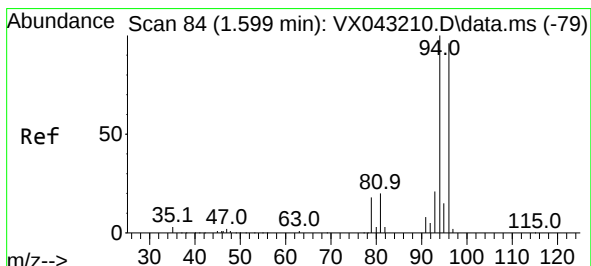
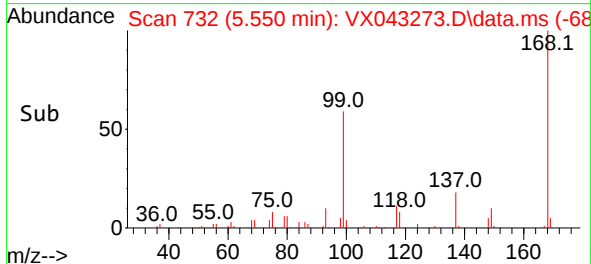
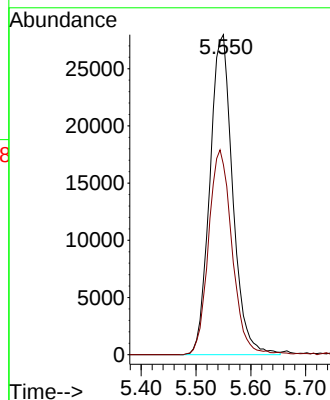
Instrument :

MSVOA_X

ClientSampleId :

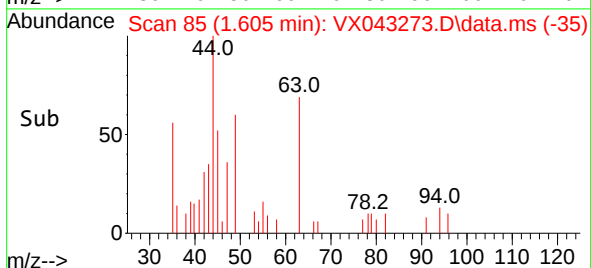
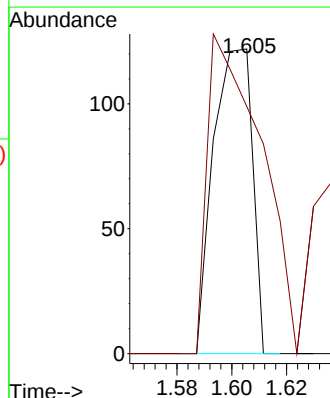
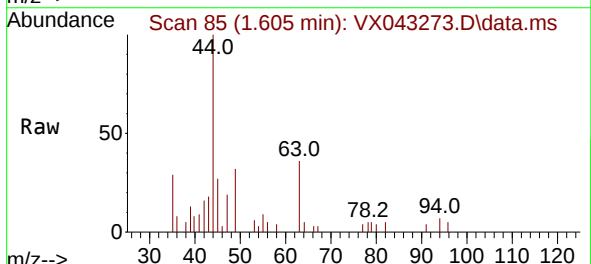


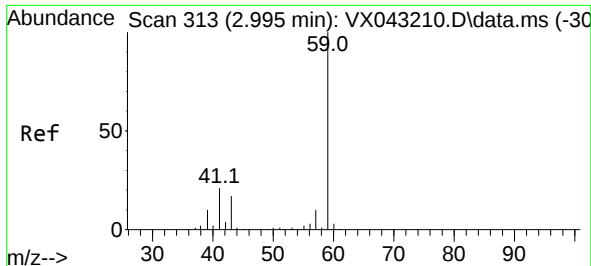
Tgt Ion:168 Resp: 80943
Ion Ratio Lower Upper
168 100
99 59.4 49.7 74.5



#5
Bromomethane
Concen: 0.302 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX043273.D
Acq: 04 Oct 2024 09:01

Tgt Ion: 94 Resp: 120
Ion Ratio Lower Upper
94 100
96 81.1 76.6 115.0





#11

Tert butyl alcohol

Concen: 11.437 ug/l

RT: 2.941 min Scan# 304

Delta R.T. -0.055 min

Lab File: VX043273.D

Acq: 04 Oct 2024 09:01

Instrument :

MSVOA_X

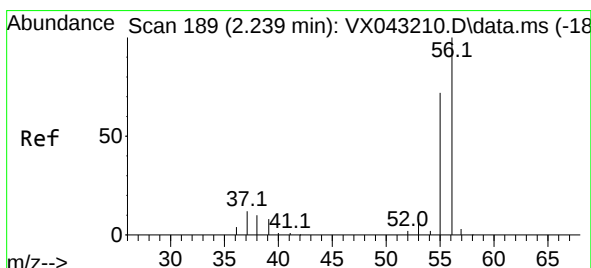
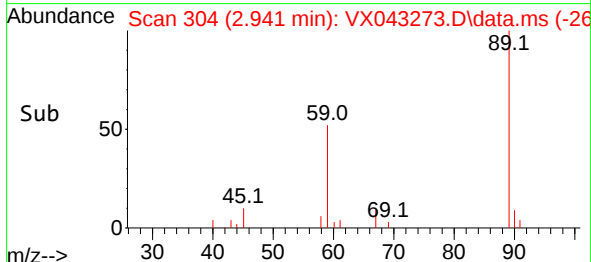
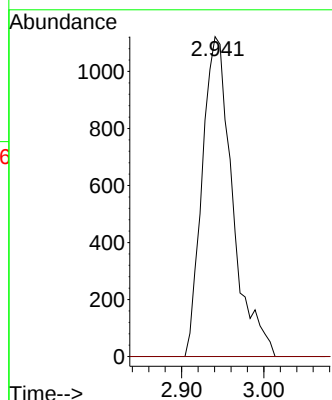
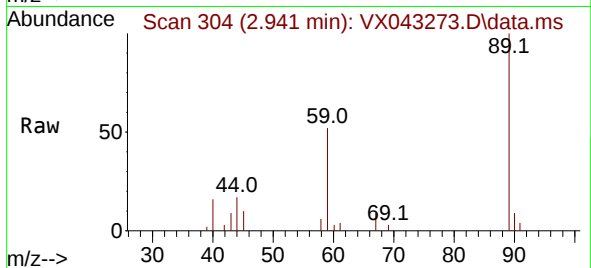
ClientSampleId :

Tgt Ion: 59 Resp: 2877

Ion Ratio Lower Upper

59 100

57 0.0 8.6 13.0#



#13

Acrolein

Concen: 1.141 ug/l

RT: 2.239 min Scan# 189

Delta R.T. 0.000 min

Lab File: VX043273.D

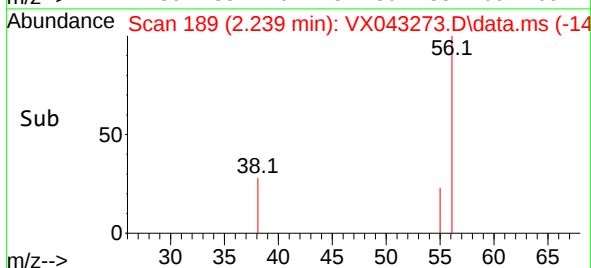
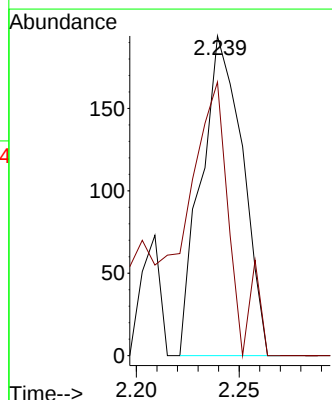
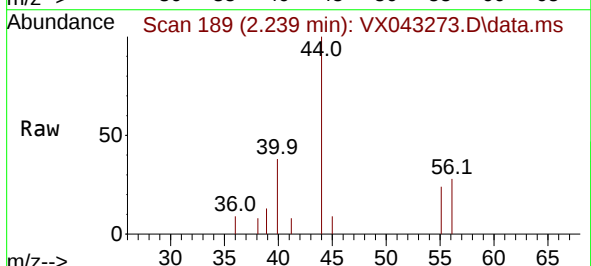
Acq: 04 Oct 2024 09:01

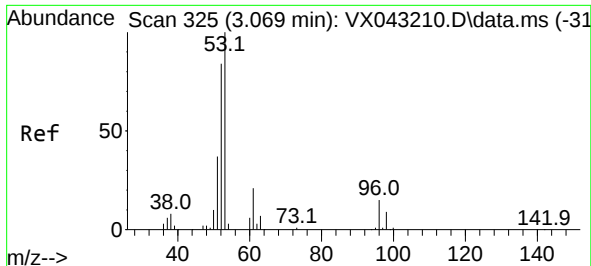
Tgt Ion: 56 Resp: 271

Ion Ratio Lower Upper

56 100

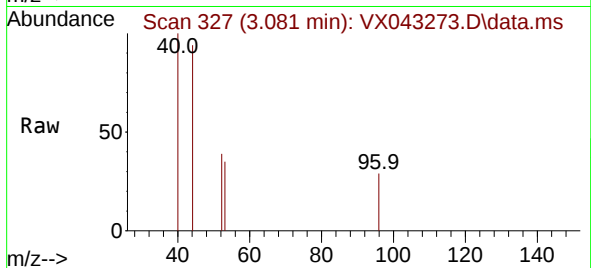
55 90.0 57.4 86.0#



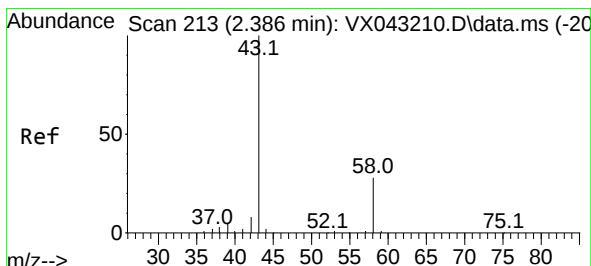
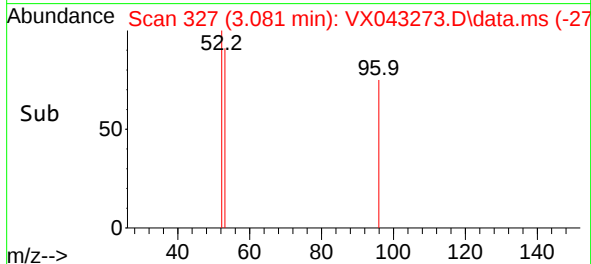
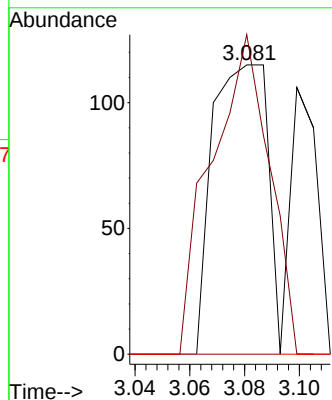


#15
Acrylonitrile
Concen: 0.313 ug/l
RT: 3.081 min Scan# 31
Delta R.T. 0.012 min
Lab File: VX043273.D
Acq: 04 Oct 2024 09:01

Instrument :
MSVOA_X
ClientSampleId :

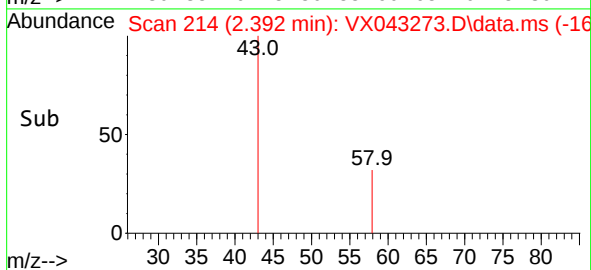
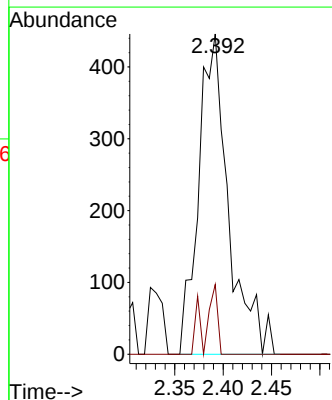
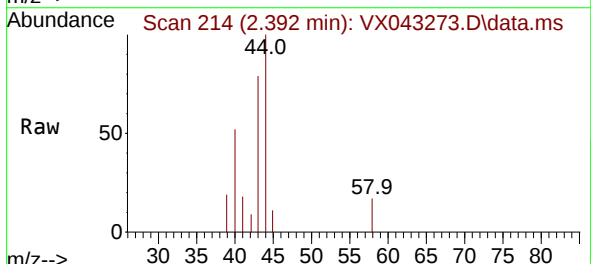


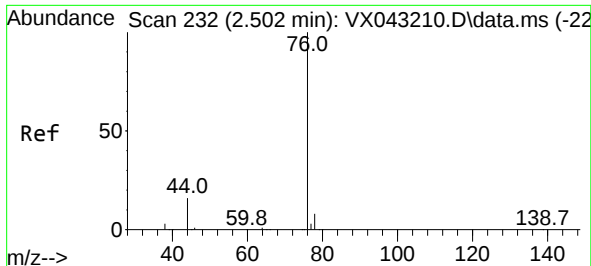
Tgt Ion: 53 Resp: 161
Ion Ratio Lower Upper
53 100
52 116.1 67.6 101.4#
51 0.0 30.3 45.5#



#16
Acetone
Concen: 1.746 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX043273.D
Acq: 04 Oct 2024 09:01

Tgt Ion: 43 Resp: 964
Ion Ratio Lower Upper
43 100
58 21.7 22.6 33.8#

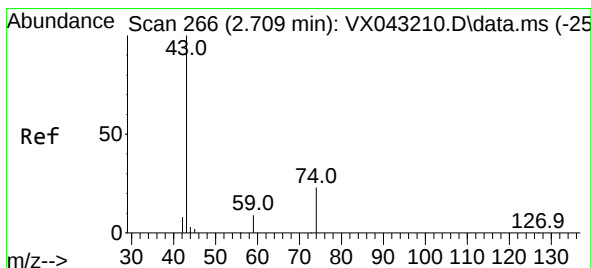
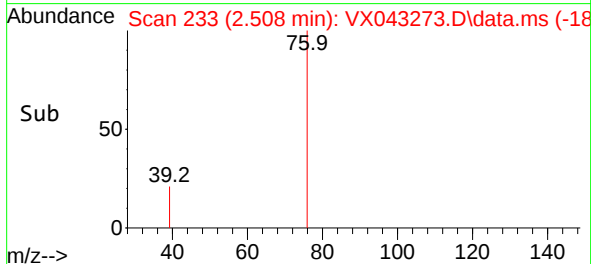
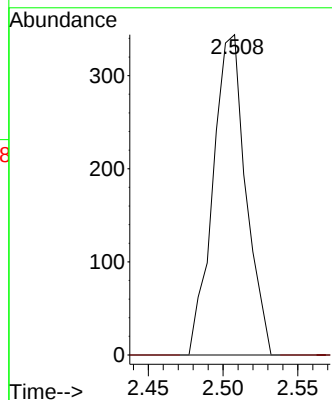
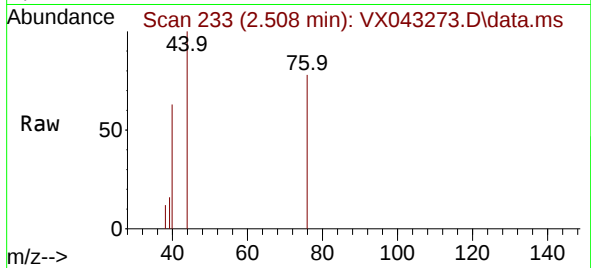




#17
Carbon Disulfide
Concen: 0.241 ug/l
RT: 2.508 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX043273.D
Acq: 04 Oct 2024 09:01

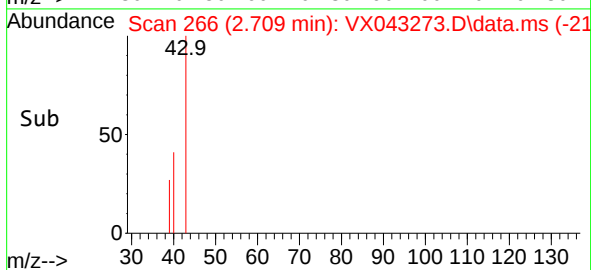
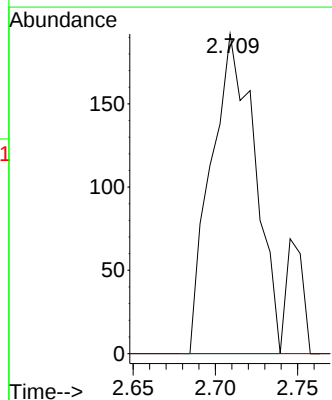
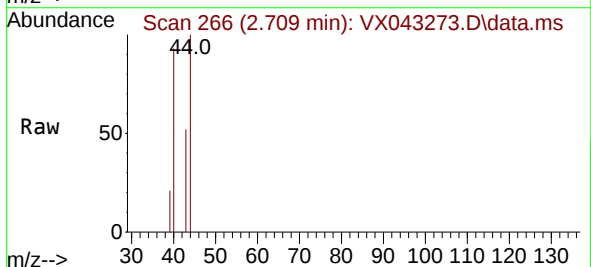
Instrument :
MSVOA_X
ClientSampleId :

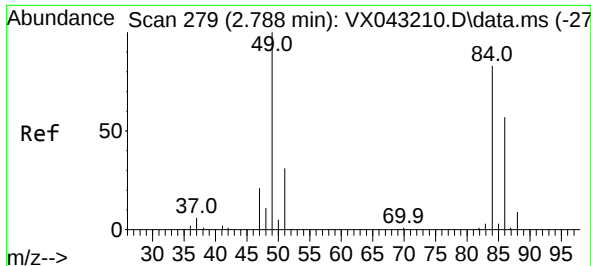
Tgt Ion: 76 Resp: 527
Ion Ratio Lower Upper
76 100
78 0.0 6.7 10.1#



#18
Methyl Acetate
Concen: 0.257 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX043273.D
Acq: 04 Oct 2024 09:01

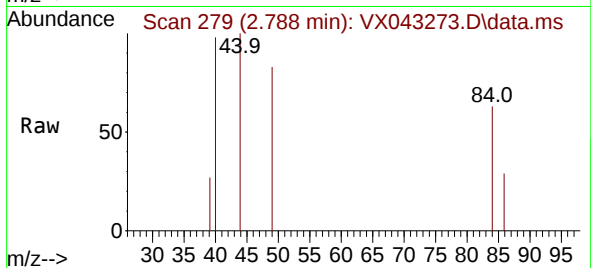
Tgt Ion: 43 Resp: 356
Ion Ratio Lower Upper
43 100
74 0.0 19.1 28.7#



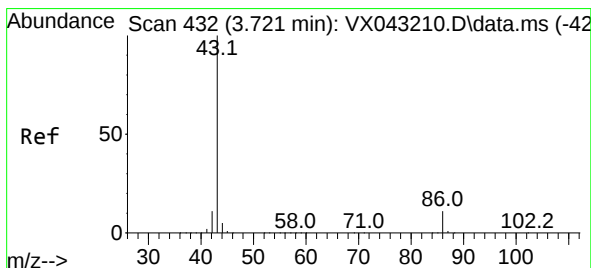
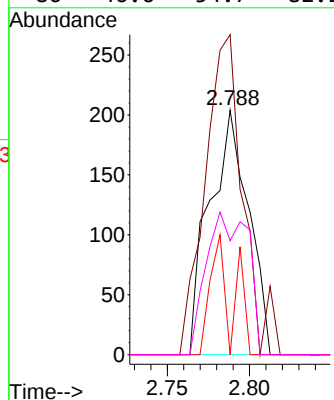


#20
Methylene Chloride
Concen: 0.331 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX043273.D
Acq: 04 Oct 2024 09:01

Instrument :
MSVOA_X
ClientSampleId :

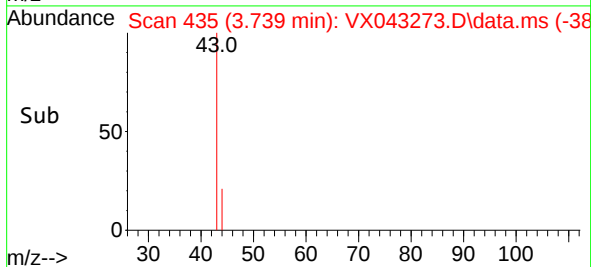
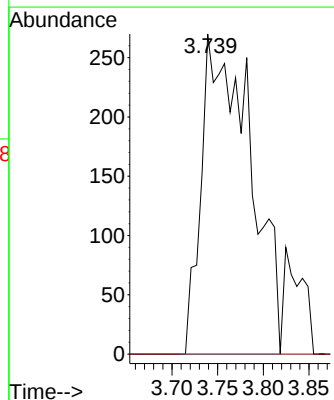
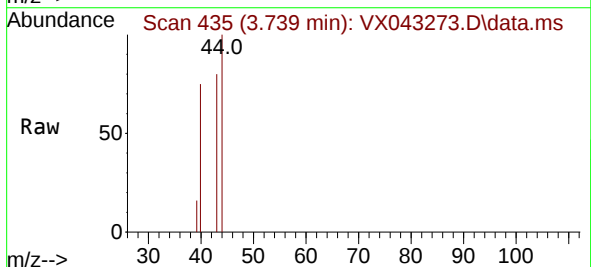


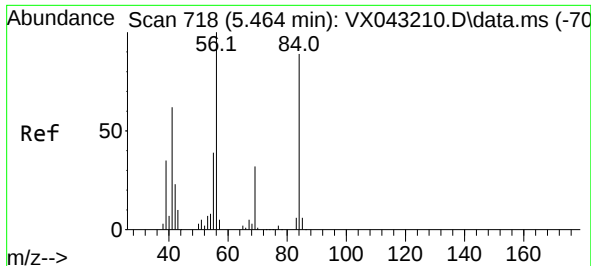
Tgt Ion: 84	Resp: 337
Ion Ratio	Lower Upper
84 100	
49 130.9	96.7 145.1
51 0.0	30.4 45.6#
86 46.6	54.7 82.1#



#23
Vinyl Acetate
Concen: 6.639 ug/l
RT: 3.739 min Scan# 435
Delta R.T. 0.018 min
Lab File: VX043273.D
Acq: 04 Oct 2024 09:01

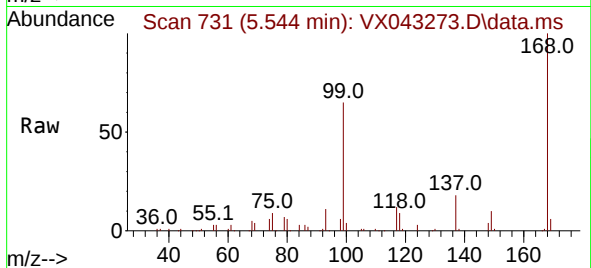
Tgt Ion: 43	Resp: 994
Ion Ratio	Lower Upper
43 100	
86 0.0	8.8 13.2#



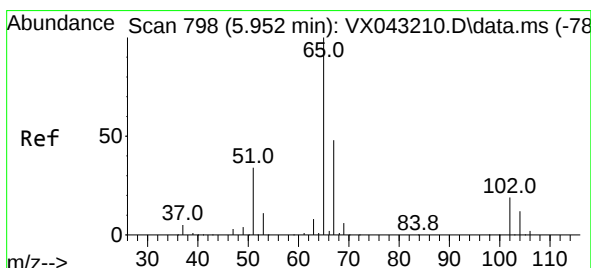
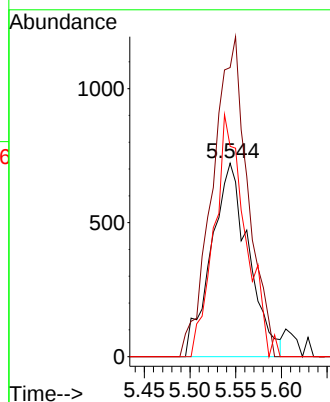
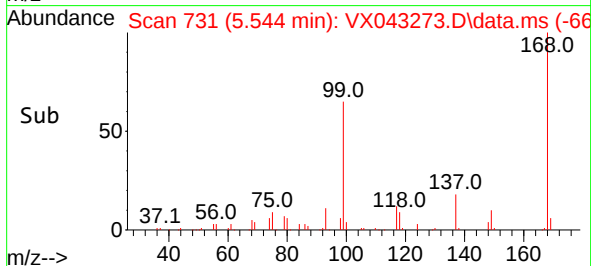


#31
Cyclohexane
Concen: 1.440 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX043273.D
Acq: 04 Oct 2024 09:01

Instrument :
MSVOA_X
ClientSampleId :

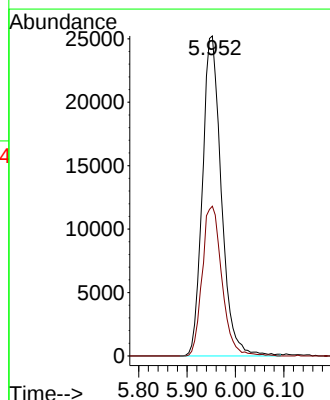
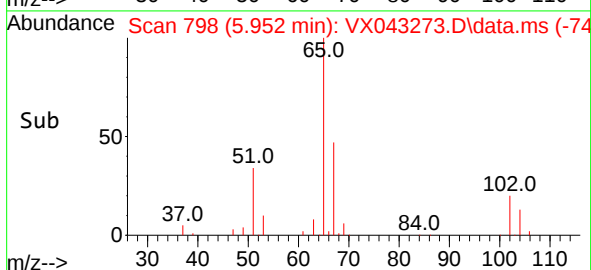
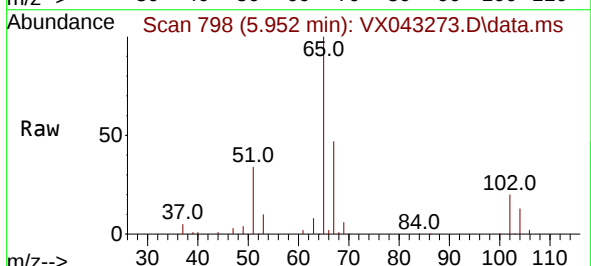


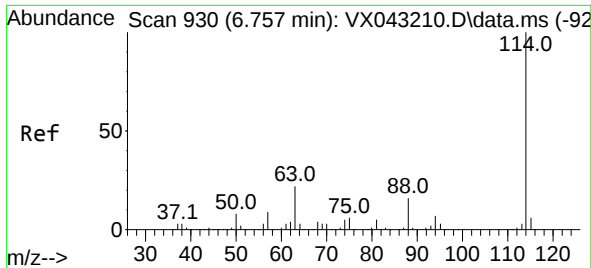
Tgt Ion: 56 Resp: 2054
Ion Ratio Lower Upper
56 100
69 149.4 25.8 38.6#
84 108.7 71.1 106.7#



#33
1,2-Dichloroethane-d4
Concen: 51.836 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX043273.D
Acq: 04 Oct 2024 09:01

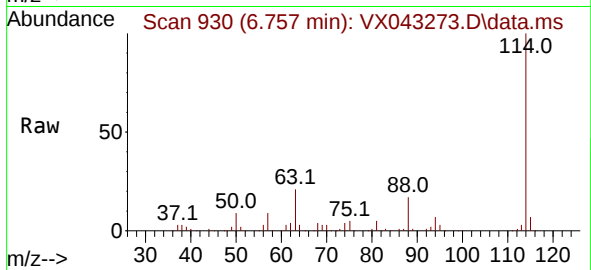
Tgt Ion: 65 Resp: 68523
Ion Ratio Lower Upper
65 100
67 48.7 0.0 99.0



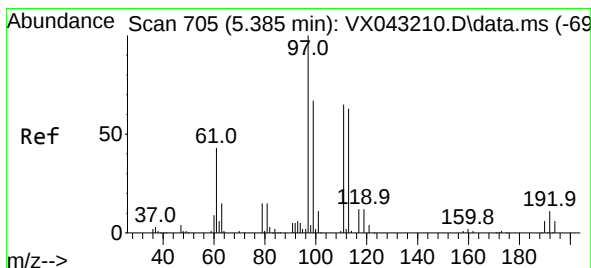
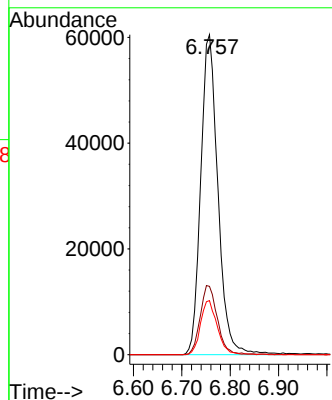
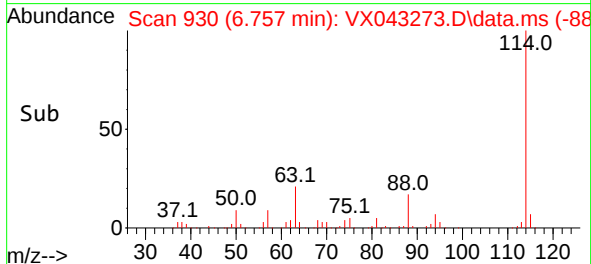


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX043273.D
Acq: 04 Oct 2024 09:01

Instrument :
MSVOA_X
ClientSampleId :

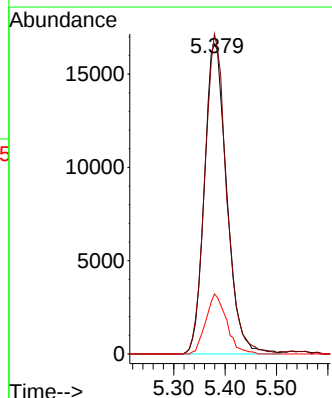
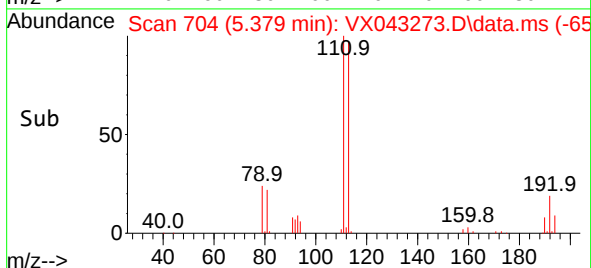
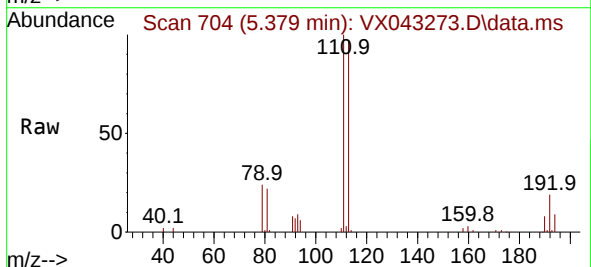


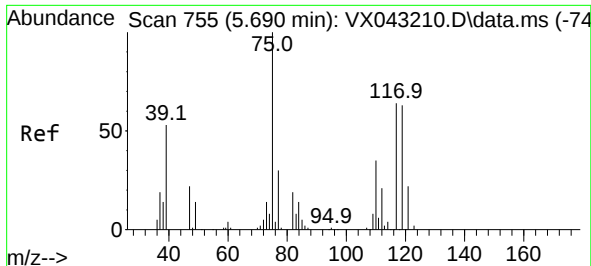
Tgt Ion:114 Resp: 149302
Ion Ratio Lower Upper
114 100
63 21.4 0.0 43.0
88 16.9 0.0 33.0



#35
Dibromofluoromethane
Concen: 48.849 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX043273.D
Acq: 04 Oct 2024 09:01

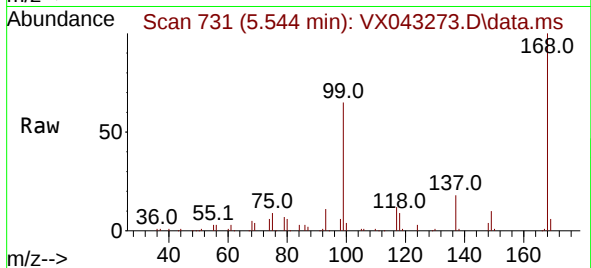
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Ion Ratio Lower Upper
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111 100.8 83.4 125.0
192 18.0 14.1 21.1



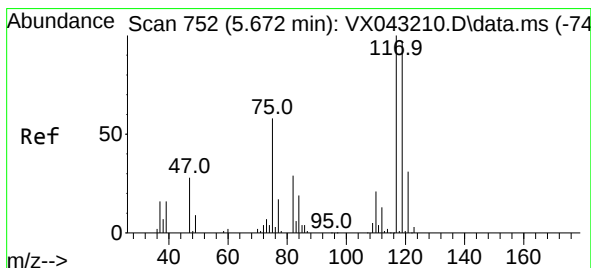
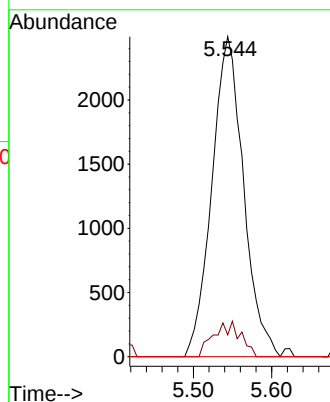
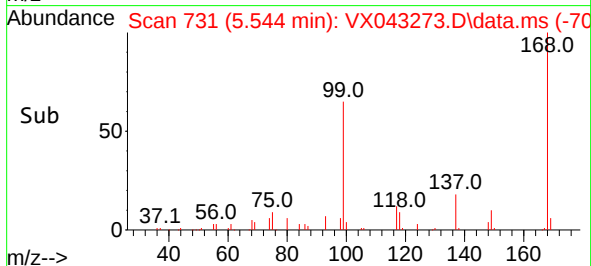


#36
1,1-Dichloropropene
Concen: 5.378 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX043273.D
Acq: 04 Oct 2024 09:01

Instrument :
MSVOA_X
ClientSampleId :

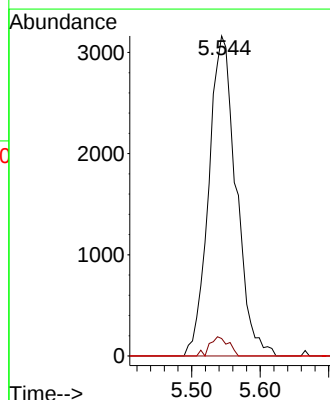
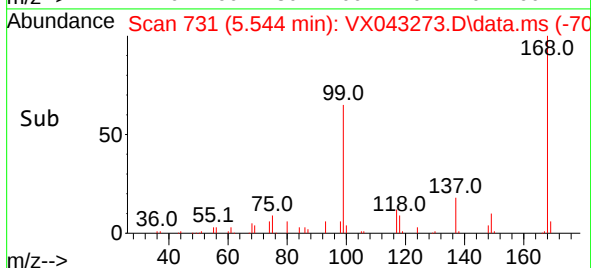
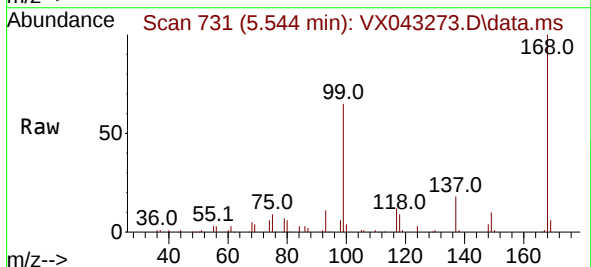


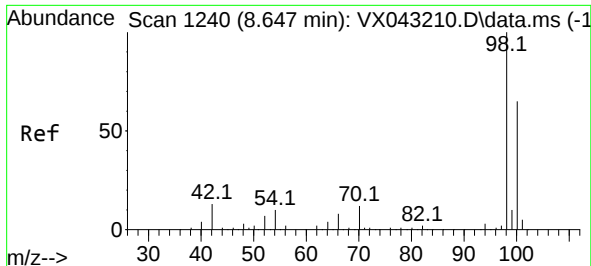
Tgt Ion: 75 Resp: 6995
Ion Ratio Lower Upper
75 100
110 9.3 17.8 53.3#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 5.711 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX043273.D
Acq: 04 Oct 2024 09:01

Tgt Ion: 117 Resp: 8795
Ion Ratio Lower Upper
117 100
119 5.5 77.7 116.5#
121 0.0 24.3 36.5#

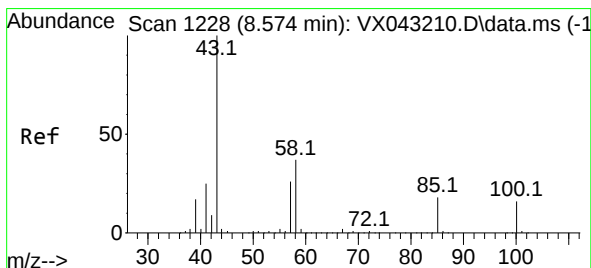
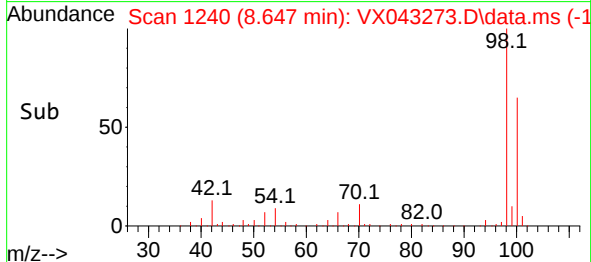
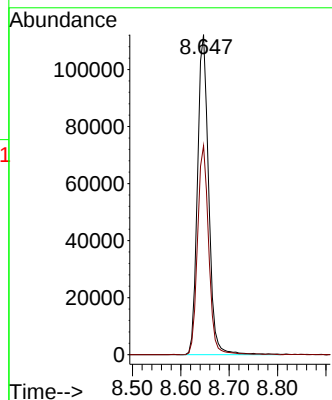
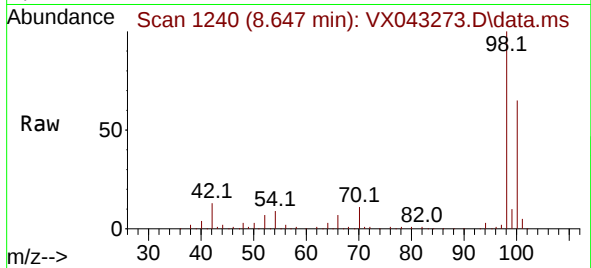




#50
Toluene-d8
Concen: 50.135 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX043273.D
Acq: 04 Oct 2024 09:01

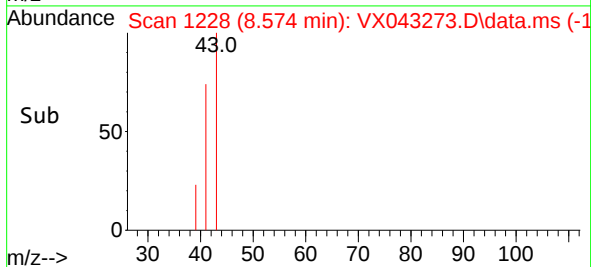
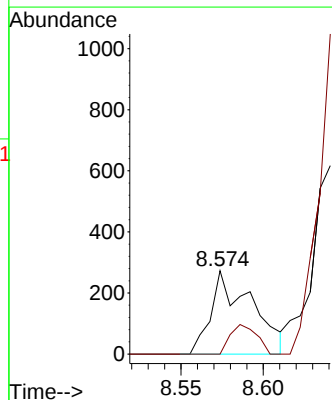
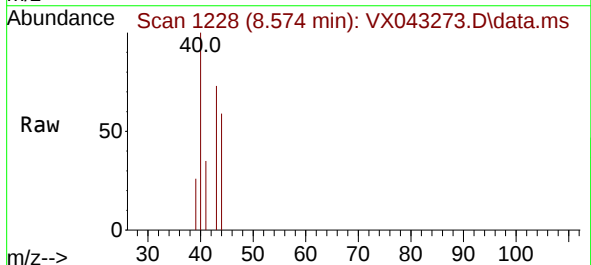
Instrument :
MSVOA_X
ClientSampleId :

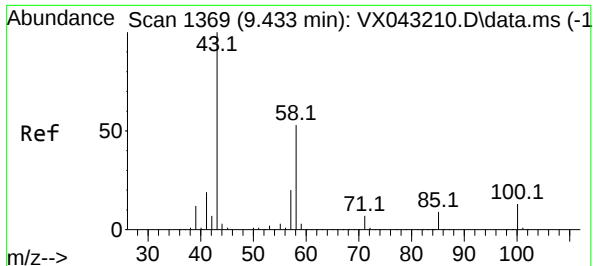
Tgt Ion: 98 Resp: 178891
Ion Ratio Lower Upper
98 100
100 65.1 52.4 78.6



#51
4-Methyl-2-Pentanone
Concen: 0.299 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX043273.D
Acq: 04 Oct 2024 09:01

Tgt Ion: 43 Resp: 469
Ion Ratio Lower Upper
43 100
58 23.0 30.0 45.0#

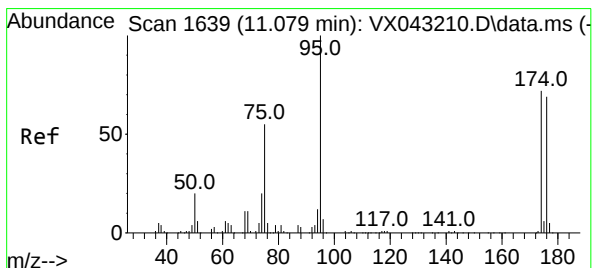
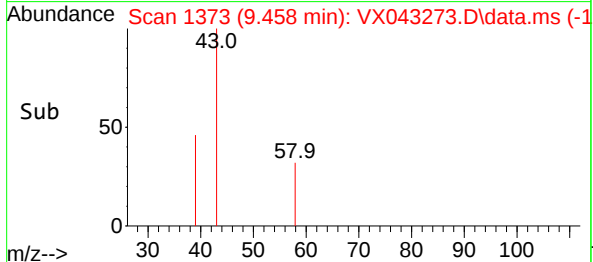
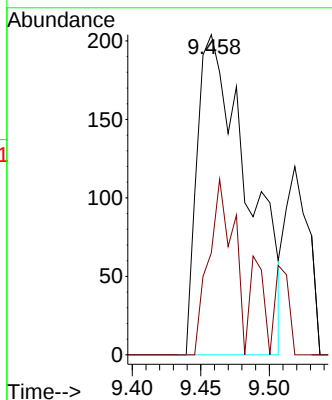
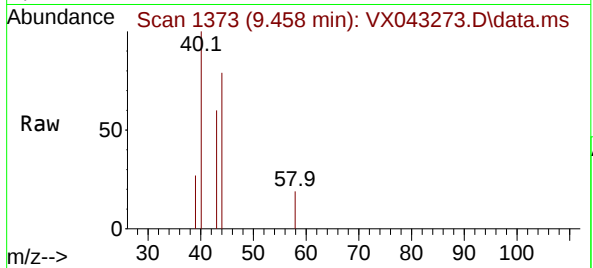




#59
2-Hexanone
Concen: 0.443 ug/l
RT: 9.458 min Scan# 11
Delta R.T. 0.024 min
Lab File: VX043273.D
Acq: 04 Oct 2024 09:01

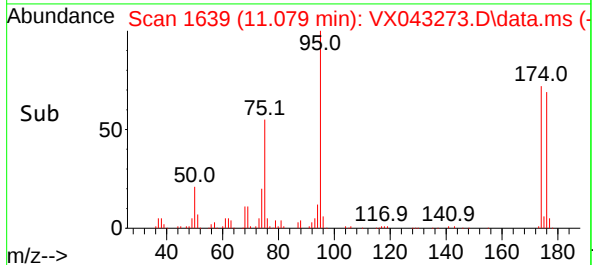
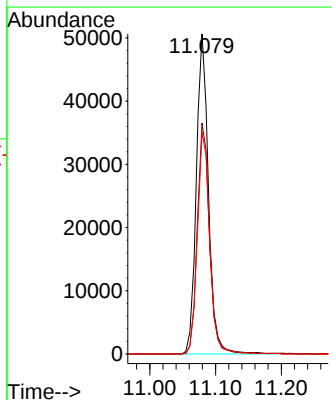
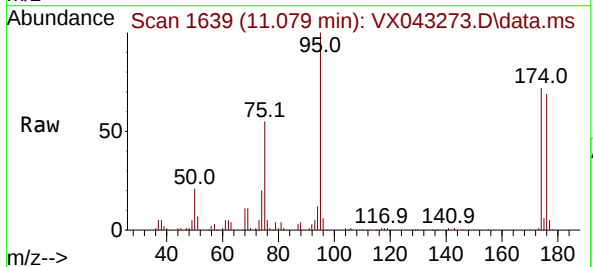
Instrument :
MSVOA_X
ClientSampleId :

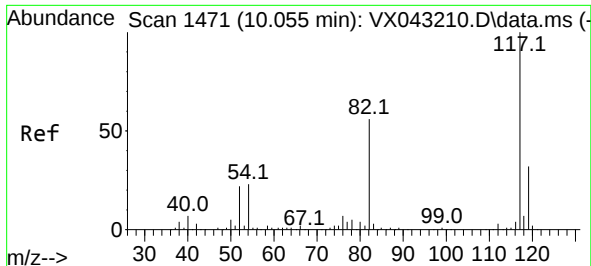
Tgt Ion: 43 Resp: 525
Ion Ratio Lower Upper
43 100
58 26.9 26.1 78.3



#62
4-Bromofluorobenzene
Concen: 50.146 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX043273.D
Acq: 04 Oct 2024 09:01

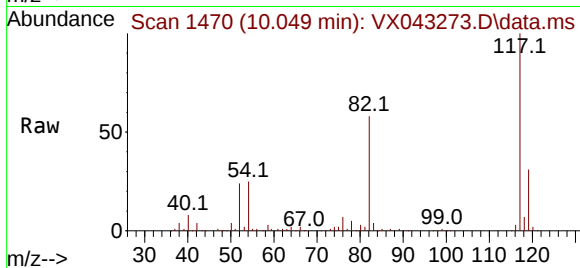
Tgt Ion: 95 Resp: 65005
Ion Ratio Lower Upper
95 100
174 72.6 0.0 145.0
176 70.3 0.0 143.0



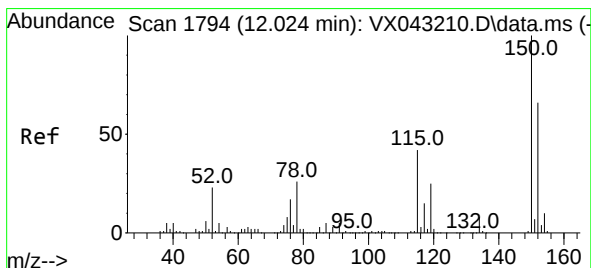
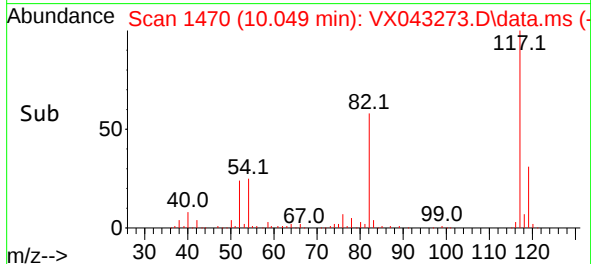
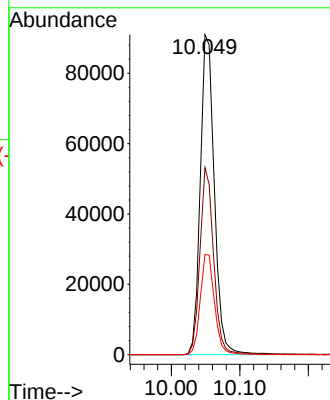


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX043273.D
Acq: 04 Oct 2024 09:01

Instrument :
MSVOA_X
ClientSampleId :

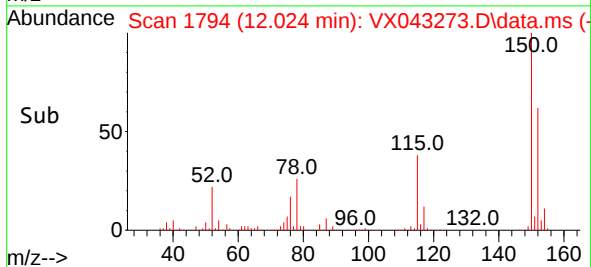
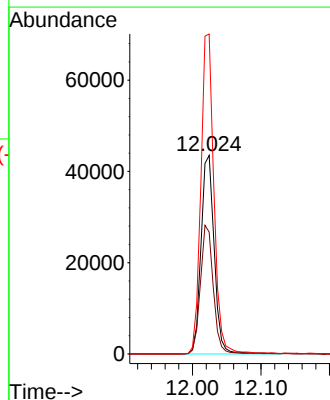
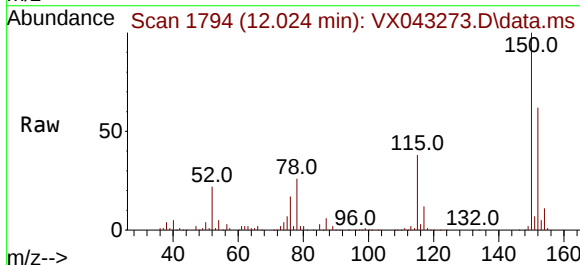


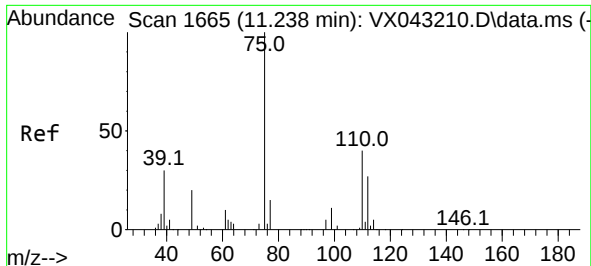
Tgt Ion:117 Resp: 130273
Ion Ratio Lower Upper
117 100
82 58.5 45.0 67.6
119 31.3 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX043273.D
Acq: 04 Oct 2024 09:01

Tgt Ion:152 Resp: 58428
Ion Ratio Lower Upper
152 100
115 63.7 44.1 132.3
150 159.8 0.0 347.4

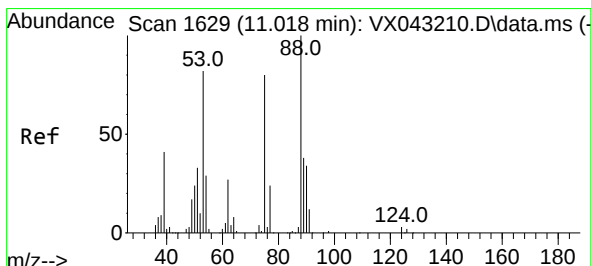
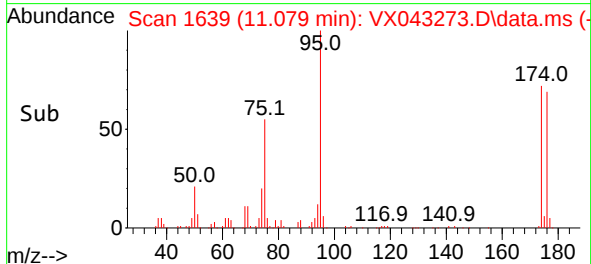
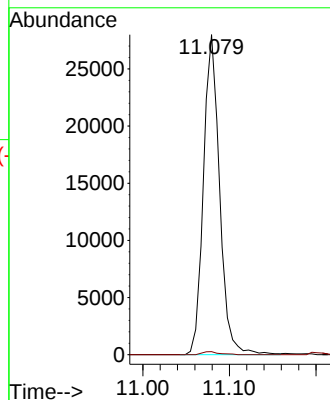
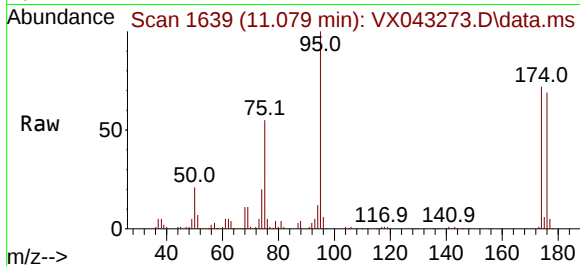




#76
1,2,3-Trichloropropane
Concen: 28.002 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX043273.D
Acq: 04 Oct 2024 09:01

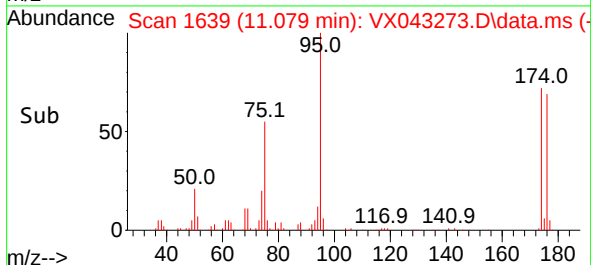
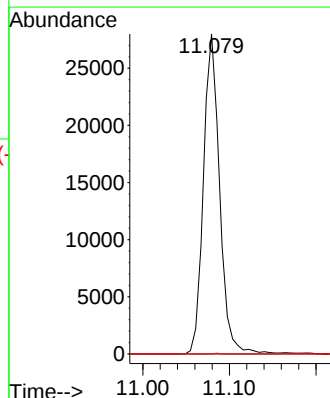
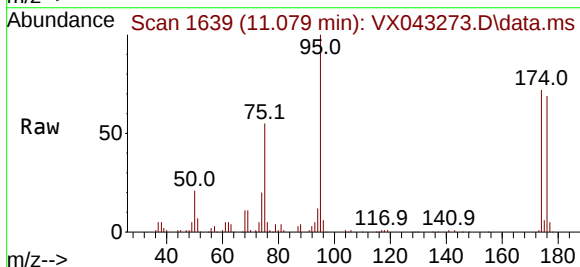
Instrument :
MSVOA_X
ClientSampleId :

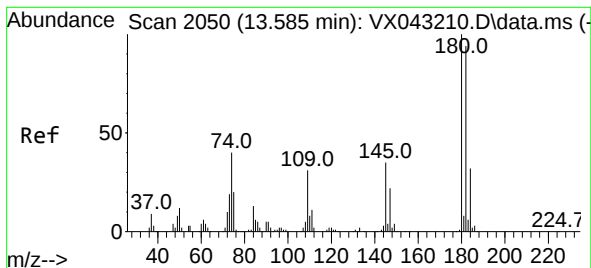
Tgt Ion: 75 Resp: 36291
Ion Ratio Lower Upper
75 100
77 1.0 22.0 66.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.572 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX043273.D
Acq: 04 Oct 2024 09:01

Tgt Ion: 75 Resp: 36291
Ion Ratio Lower Upper
75 100
53 0.0 83.9 125.9#
89 0.1 38.6 58.0#





#93

1,2,4-Trichlorobenzene

Concen: 0.555 ug/l

RT: 13.597 min Scan# 2050

Delta R.T. 0.012 min

Lab File: VX043273.D

Acq: 04 Oct 2024 09:01

Instrument :

MSVOA_X

ClientSampleId :

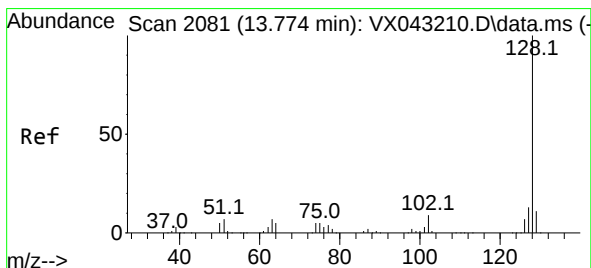
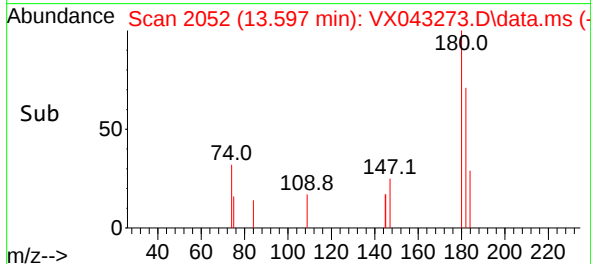
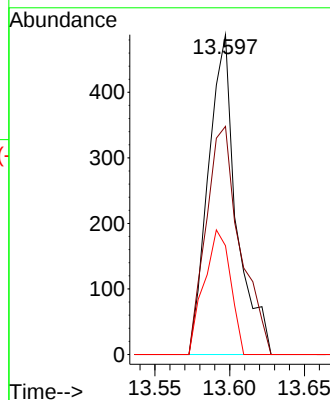
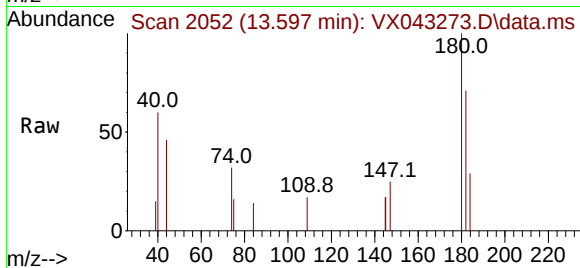
Tgt Ion:180 Resp: 637

Ion Ratio Lower Upper

180 100

182 85.9 47.1 141.3

145 36.6 16.6 49.8



#95

Naphthalene

Concen: 1.031 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX043273.D

Acq: 04 Oct 2024 09:01

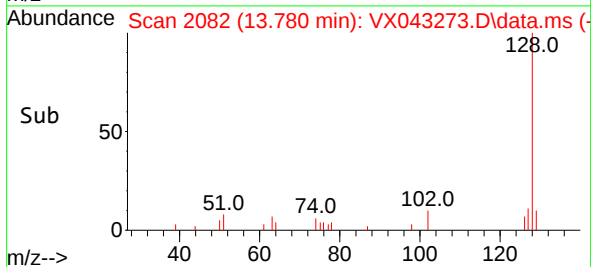
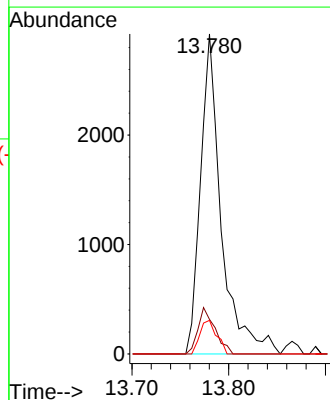
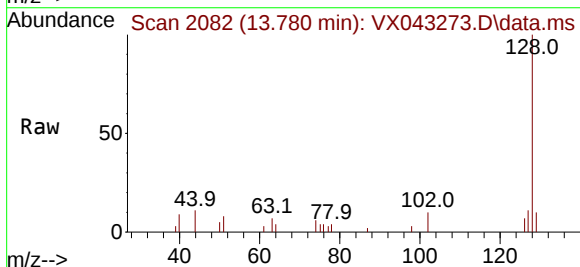
Tgt Ion:128 Resp: 4353

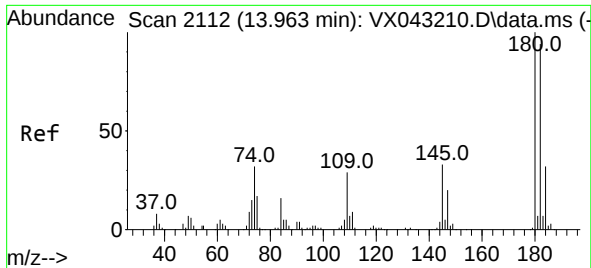
Ion Ratio Lower Upper

128 100

127 11.9 10.2 15.2

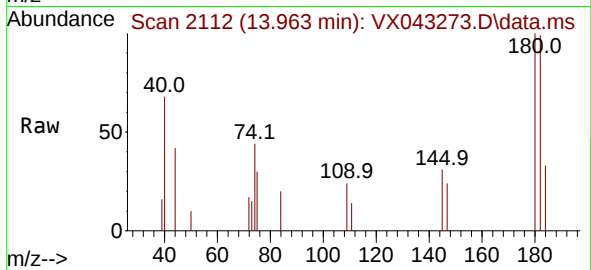
129 8.5 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.599 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VX043273.D
 Acq: 04 Oct 2024 09:01

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:	180	Resp:	710
Ion	Ratio	Lower	Upper
180	100		
182	101.4	46.5	139.3
145	32.7	17.2	51.6

