

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080924\
 Data File : VX042987.D
 Acq On : 09 Aug 2024 11:28
 Operator : JC/MD
 Sample : VX0809MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0809MBL01

Quant Time: Aug 09 16:26:20 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)

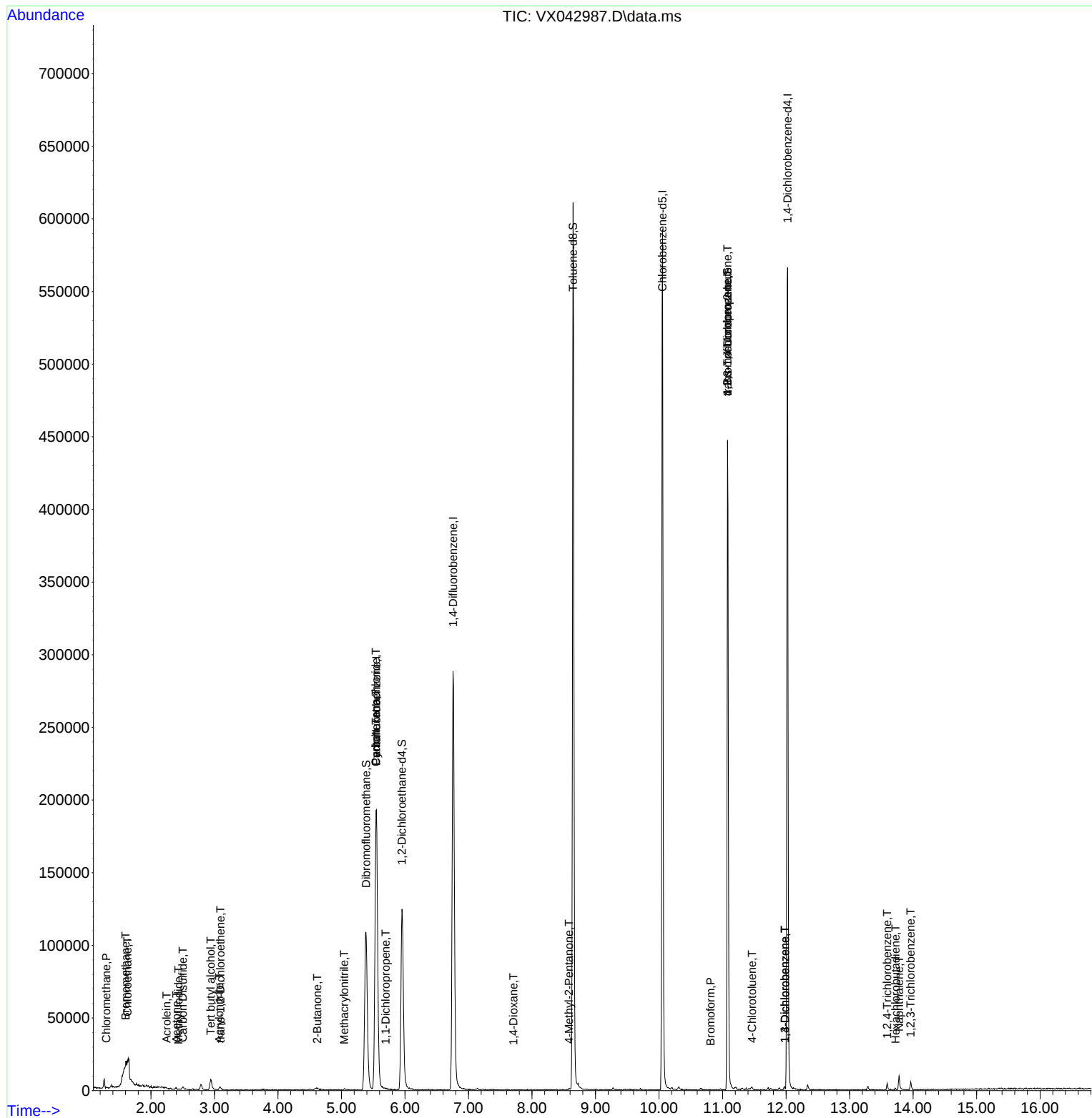
Internal Standards						
1) Pentafluorobenzene	5.550	168	186171	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	299817	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	268283	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	120420	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	125810	49.226	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.460%		
35) Dibromofluoromethane	5.385	113	97687	49.831	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.660%		
50) Toluene-d8	8.647	98	363265	52.198	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	104.400%		
62) 4-Bromofluorobenzene	11.079	95	121446	48.563	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.120%		
Target Compounds						Qvalue
3) Chloromethane	1.294	50	476	0.218	ug/l #	66
5) Bromomethane	1.599	94	886	0.706	ug/l	96
6) Chloroethane	1.630	64	377	0.319	ug/l #	43
10) Methyl Iodide	2.434	142	491	0.234	ug/l #	63
11) Tert butyl alcohol	2.940	59	4547	8.945	ug/l #	78
13) Acrolein	2.245	56	443	0.884	ug/l	89
15) Acrylonitrile	3.075	53	651	0.502	ug/l #	70
16) Acetone	2.398	43	1434	1.294	ug/l #	74
17) Carbon Disulfide	2.501	76	2642	0.529	ug/l	96
20) Methylene Chloride	2.782	84	1930	Below Cal	#	90
21) trans-1,2-Dichloroethene	3.093	96	617	0.299	ug/l #	72
25) 2-Butanone	4.617	43	385	0.221	ug/l #	51
31) Cyclohexane	5.544	56	3760	1.176	ug/l #	19
36) 1,1-Dichloropropene	5.696	75	545	0.205	ug/l #	42
38) Carbon Tetrachloride	5.544	117	20436	6.811	ug/l #	15
41) Methacrylonitrile	5.044	41	429	0.250	ug/l #	42
49) 1,4-Dioxane	7.708	88	26	0.497	ug/l #	1
51) 4-Methyl-2-Pentanone	8.580	43	771	0.234	ug/l #	84
71) Bromoform	10.811	173	160	0.908	ug/l #	29
76) 1,2,3-Trichloropropane	11.079	75	63146	23.316	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	63146	75.814	ug/l #	5
82) 4-Chlorotoluene	11.463	91	1418	0.204	ug/l	85
87) 1,3-Dichlorobenzene	11.981	146	939	0.234	ug/l	89
88) 1,4-Dichlorobenzene	11.981	146	939	0.229	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	1446	0.591	ug/l	82
94) Hexachlorobutadiene	13.725	225	316	0.304	ug/l	70
95) Naphthalene	13.780	128	7451	0.880	ug/l	97
96) 1,2,3-Trichlorobenzene	13.963	180	1593	0.646	ug/l	96

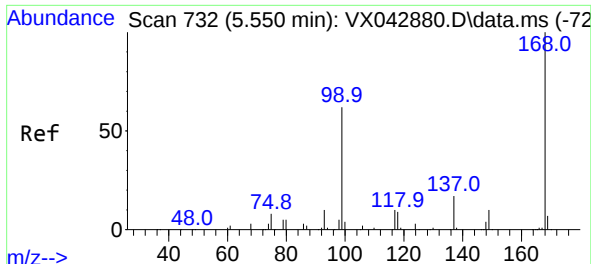
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Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080924\
Data File : VX042987.D
Acq On : 09 Aug 2024 11:28
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Sample : VX0809MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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Quant Time: Aug 09 16:26:20 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

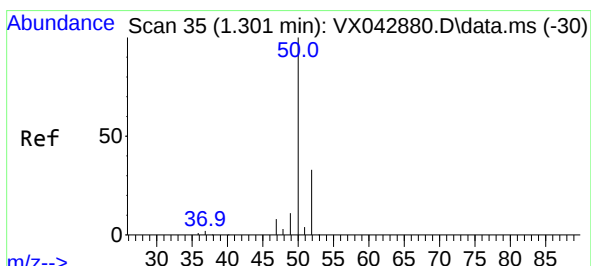
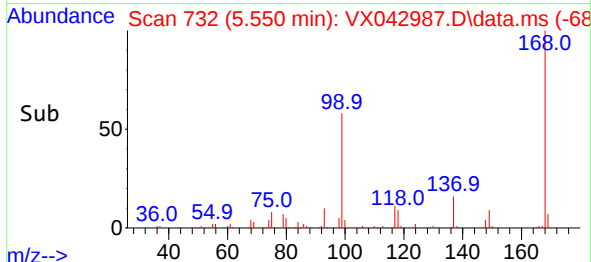
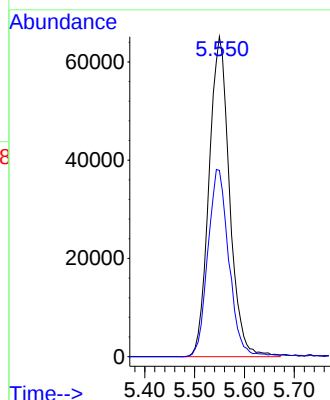
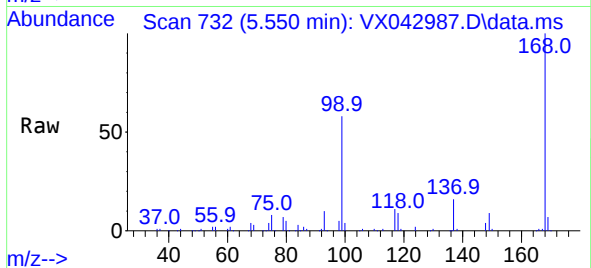




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042987.D
Acq: 09 Aug 2024 11:28

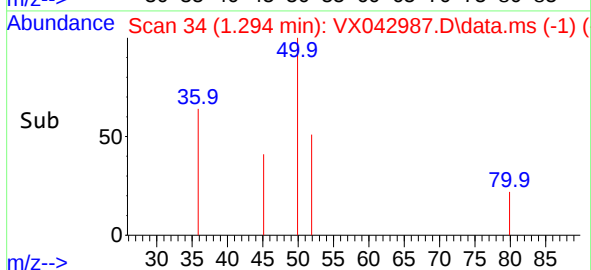
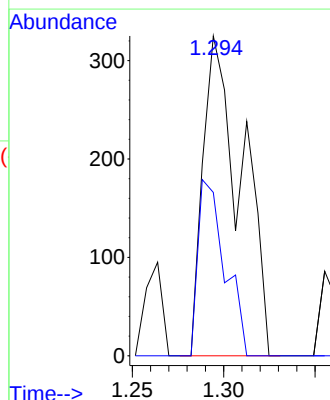
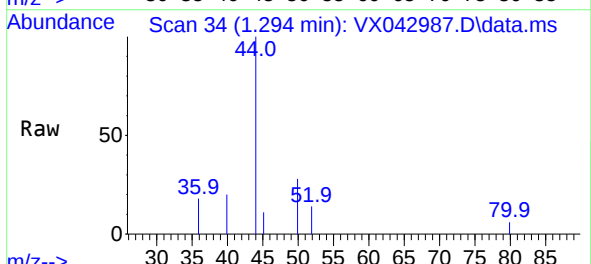
Instrument :
MSVOA_X
ClientSampleId :
VX0809MBL01

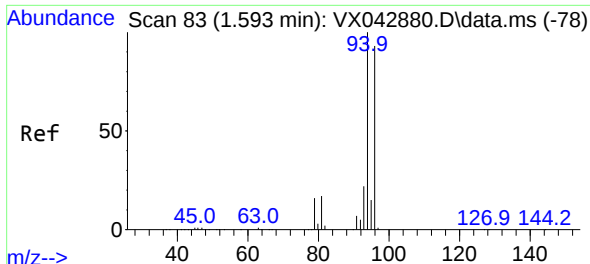
Tgt Ion:168 Resp: 186171
Ion Ratio Lower Upper
168 100
99 58.2 56.6 85.0



#3
Chloromethane
Concen: 0.218 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX042987.D
Acq: 09 Aug 2024 11:28

Tgt Ion: 50 Resp: 476
Ion Ratio Lower Upper
50 100
52 51.1 25.5 38.3#

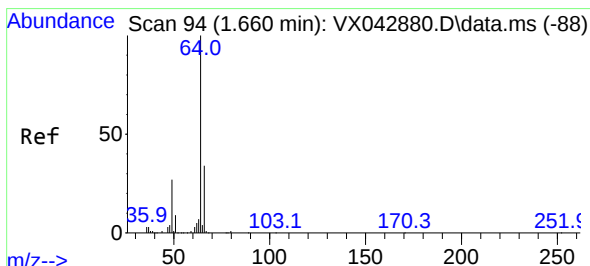
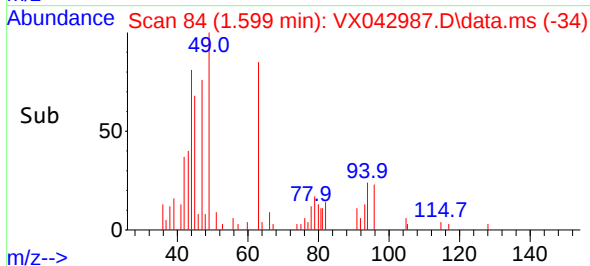
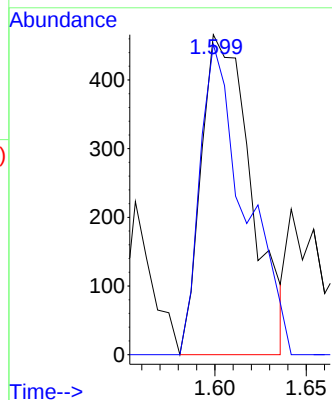
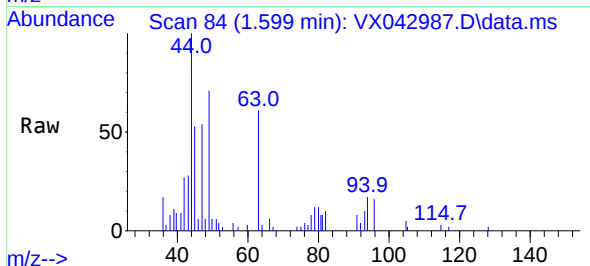




#5
Bromomethane
Concen: 0.706 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX042987.D
Acq: 09 Aug 2024 11:28

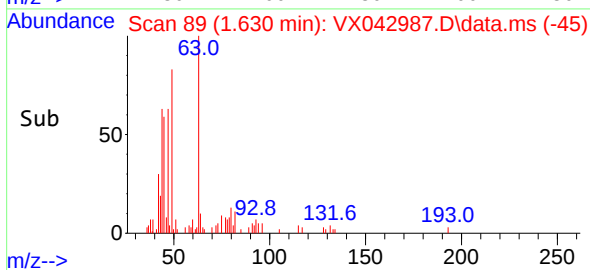
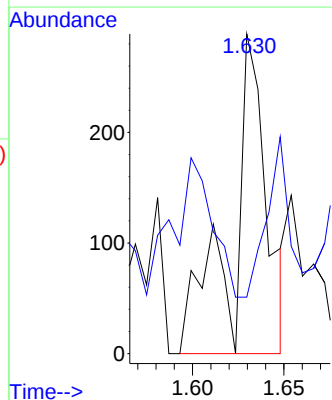
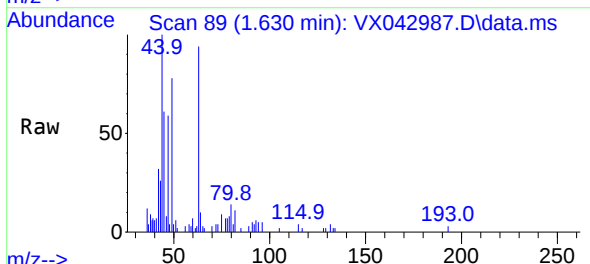
Instrument :
MSVOA_X
ClientSampleId :
VX0809MBL01

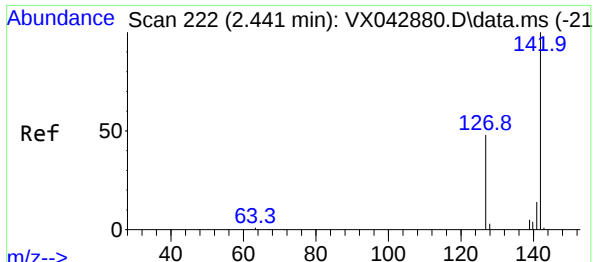
Tgt Ion: 94 Resp: 886
Ion Ratio Lower Upper
94 100
96 97.0 74.6 111.8



#6
Chloroethane
Concen: 0.319 ug/l
RT: 1.630 min Scan# 89
Delta R.T. -0.031 min
Lab File: VX042987.D
Acq: 09 Aug 2024 11:28

Tgt Ion: 64 Resp: 377
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#

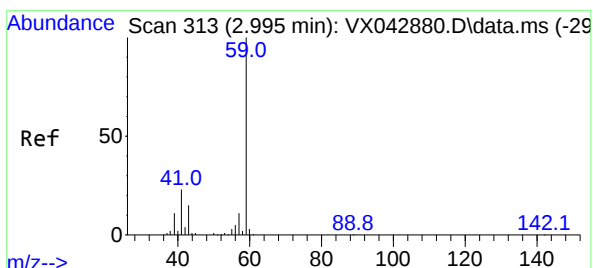
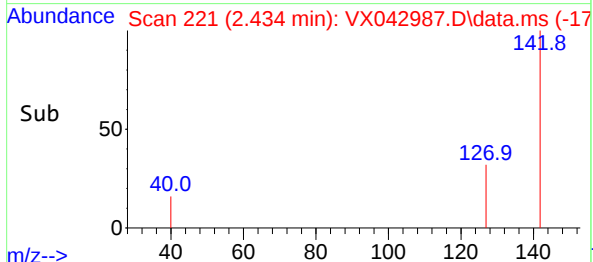
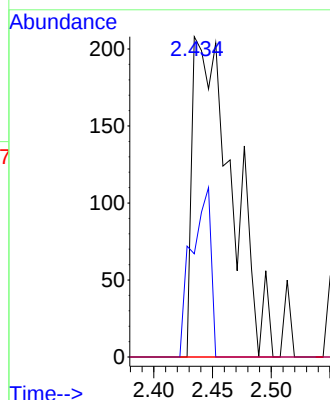
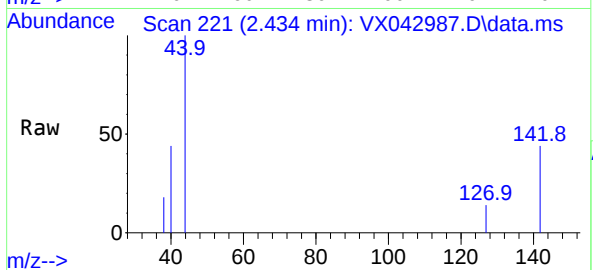




#10
Methyl Iodide
Concen: 0.234 ug/l
RT: 2.434 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX042987.D
Acq: 09 Aug 2024 11:28

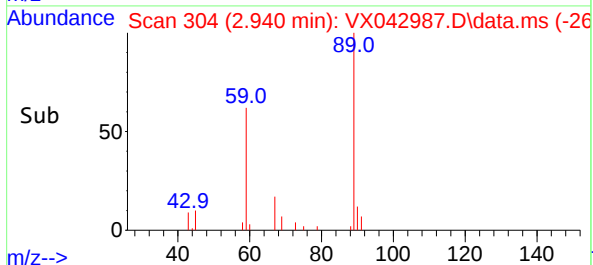
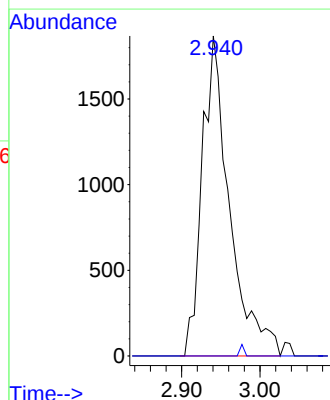
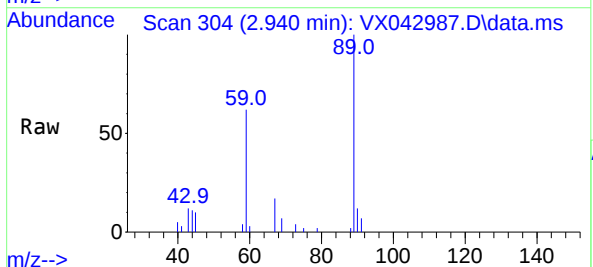
Instrument :
MSVOA_X
ClientSampleId :
VX0809MBL01

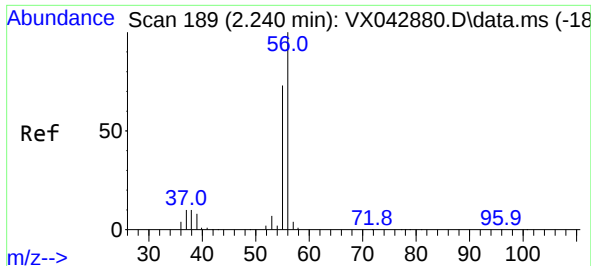
Tgt Ion:142 Resp: 491
Ion Ratio Lower Upper
142 100
127 25.5 41.6 62.4#
141 0.0 11.6 17.4#



#11
Tert butyl alcohol
Concen: 8.945 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.055 min
Lab File: VX042987.D
Acq: 09 Aug 2024 11:28

Tgt Ion: 59 Resp: 4547
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

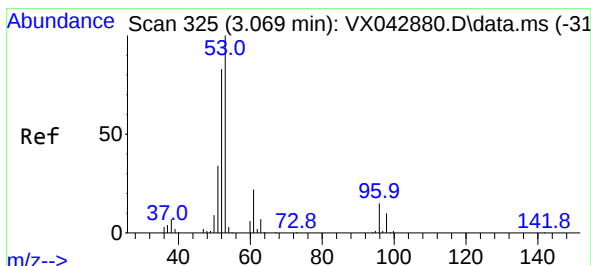
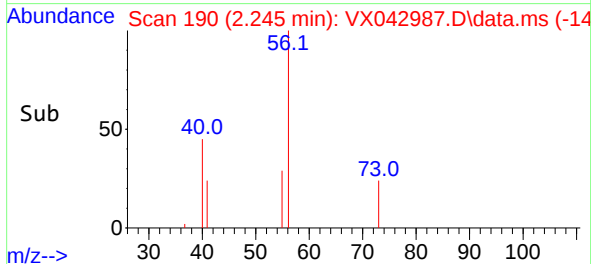
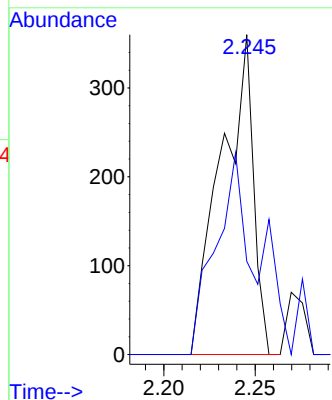
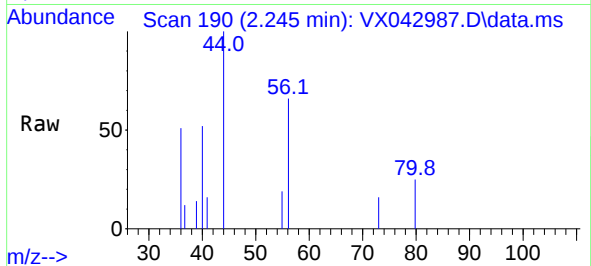




#13
Acrolein
Concen: 0.884 ug/l
RT: 2.245 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX042987.D
Acq: 09 Aug 2024 11:28

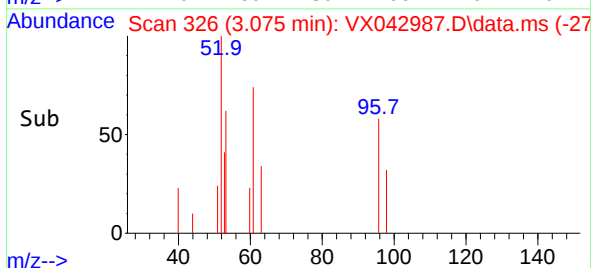
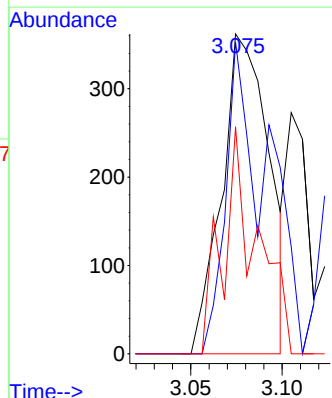
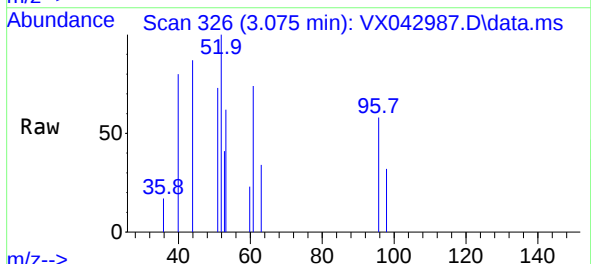
Instrument :
MSVOA_X
ClientSampleId :
VX0809MBL01

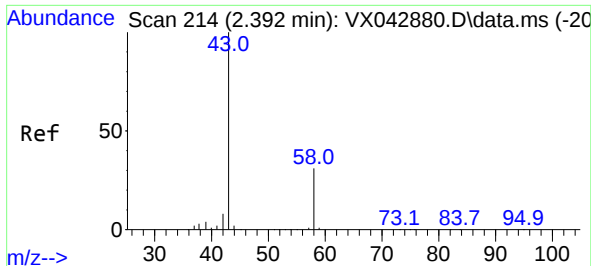
Tgt Ion: 56 Resp: 443
Ion Ratio Lower Upper
56 100
55 80.1 57.1 85.7



#15
Acrylonitrile
Concen: 0.502 ug/l
RT: 3.075 min Scan# 326
Delta R.T. 0.006 min
Lab File: VX042987.D
Acq: 09 Aug 2024 11:28

Tgt Ion: 53 Resp: 651
Ion Ratio Lower Upper
53 100
52 52.7 66.0 99.0#
51 51.2 29.8 44.6#

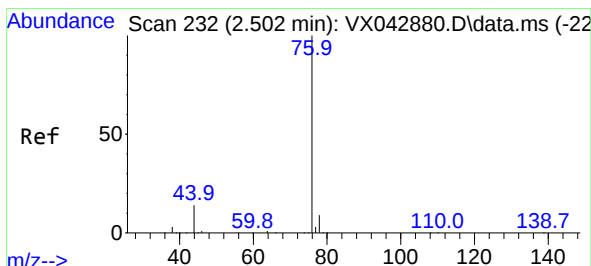
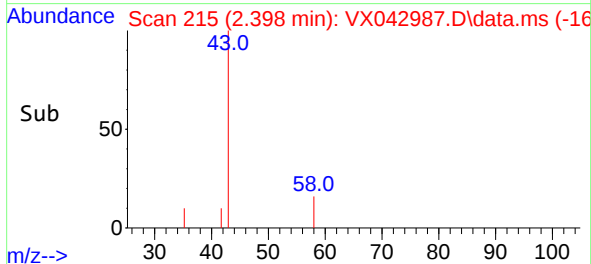
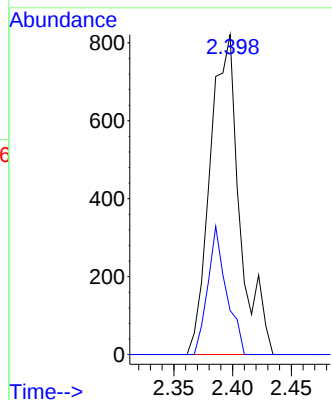
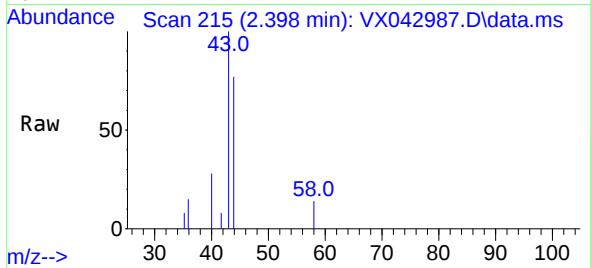




#16
Acetone
Concen: 1.294 ug/l
RT: 2.398 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX042987.D
Acq: 09 Aug 2024 11:28

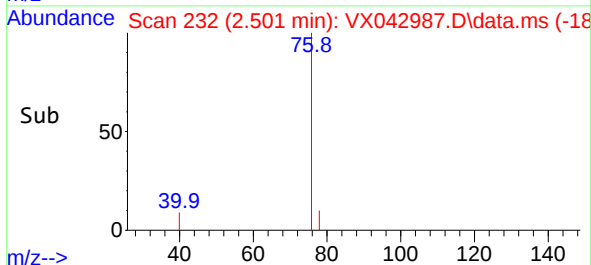
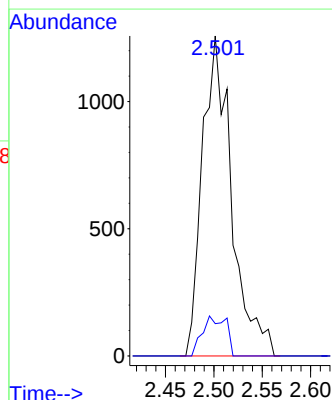
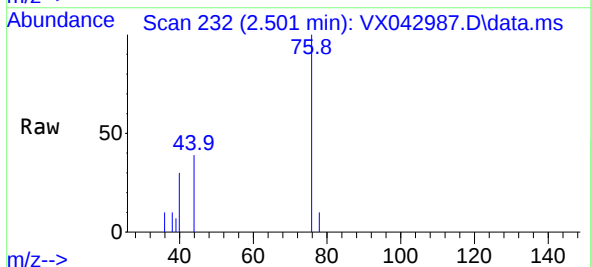
Instrument :
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ClientSampleId :
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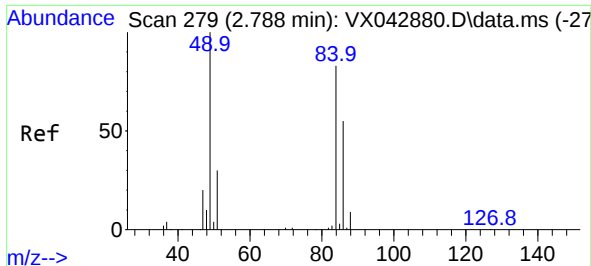
Tgt Ion: 43 Resp: 1434
Ion Ratio Lower Upper
43 100
58 13.8 21.9 32.9#



#17
Carbon Disulfide
Concen: 0.529 ug/l
RT: 2.501 min Scan# 232
Delta R.T. -0.000 min
Lab File: VX042987.D
Acq: 09 Aug 2024 11:28

Tgt Ion: 76 Resp: 2642
Ion Ratio Lower Upper
76 100
78 10.1 7.0 10.6



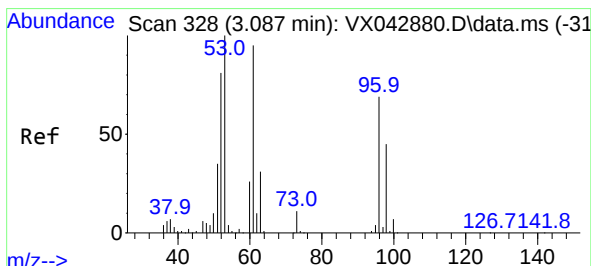
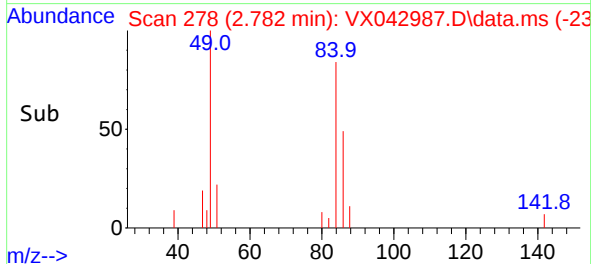
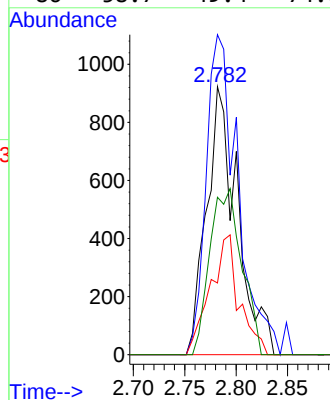
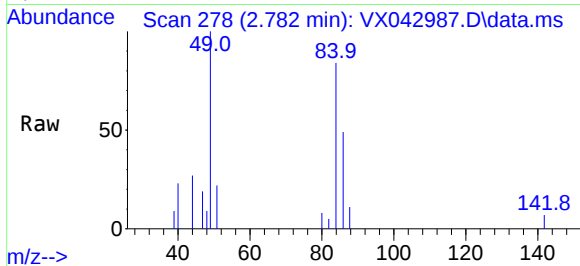


#20
Methylene Chloride
Concen: Below Cal
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX042987.D
Acq: 09 Aug 2024 11:28

Instrument :
MSVOA_X
ClientSampleId :
VX0809MBL01

Tgt Ion: 84 Resp: 1930

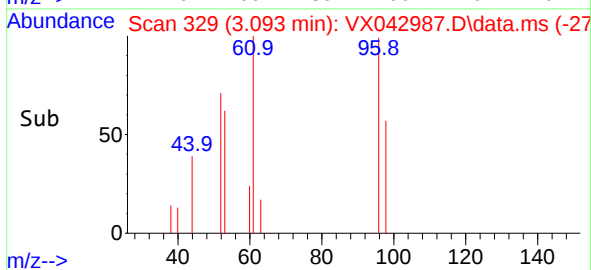
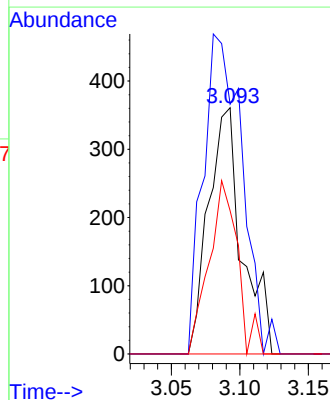
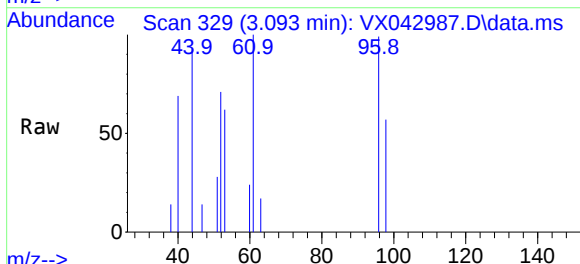
Ion	Ratio	Lower	Upper
84	100		
49	119.4	103.6	155.4
51	26.8	33.8	50.6#
86	58.7	49.4	74.0

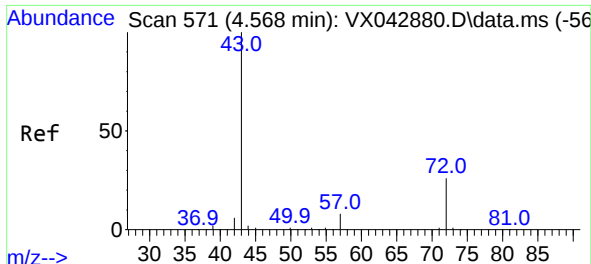


#21
trans-1,2-Dichloroethene
Concen: 0.299 ug/l
RT: 3.093 min Scan# 329
Delta R.T. 0.006 min
Lab File: VX042987.D
Acq: 09 Aug 2024 11:28

Tgt Ion: 96 Resp: 617

Ion	Ratio	Lower	Upper
96	100		
61	101.4	119.2	178.8#
98	58.2	48.7	73.1

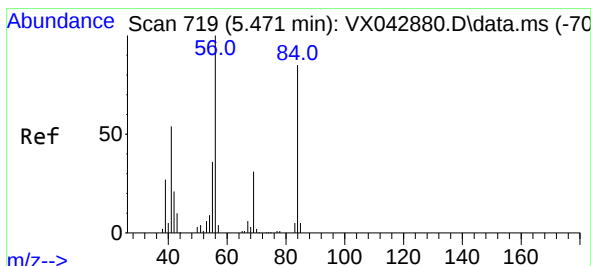
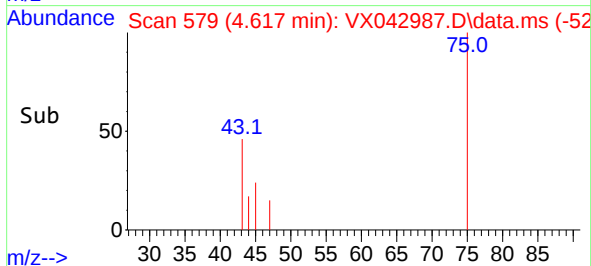
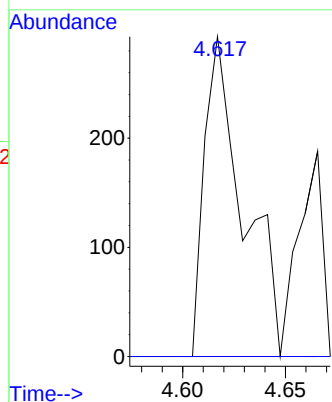
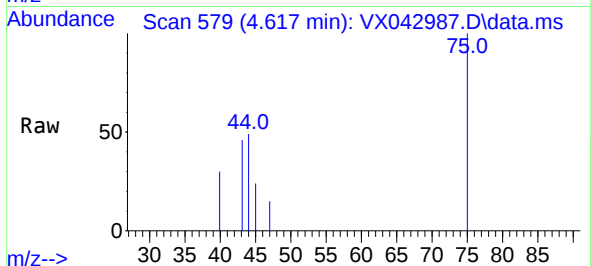




#25
2-Butanone
Concen: 0.221 ug/l
RT: 4.617 min Scan# 51
Delta R.T. 0.049 min
Lab File: VX042987.D
Acq: 09 Aug 2024 11:28

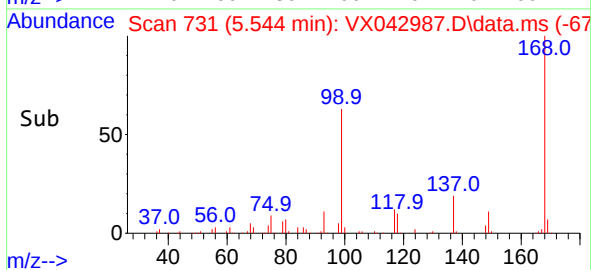
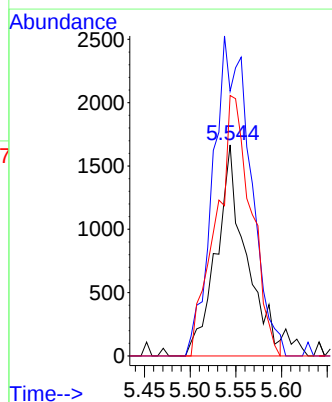
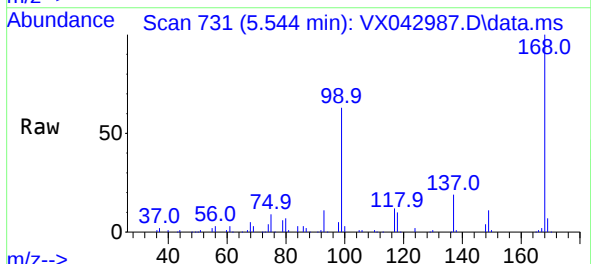
Instrument :
MSVOA_X
ClientSampleId :
VX0809MBL01

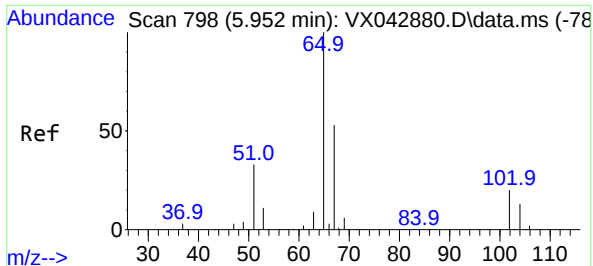
Tgt Ion: 43 Resp: 385
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



#31
Cyclohexane
Concen: 1.176 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX042987.D
Acq: 09 Aug 2024 11:28

Tgt Ion: 56 Resp: 3760
Ion Ratio Lower Upper
56 100
69 125.5 23.4 35.2#
84 123.5 65.9 98.9#

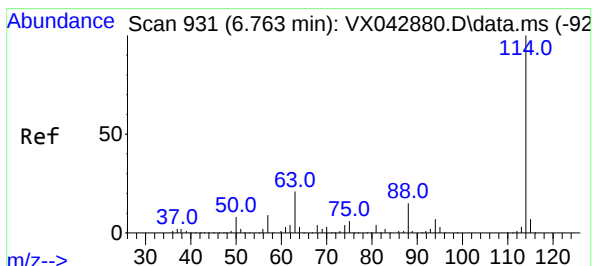
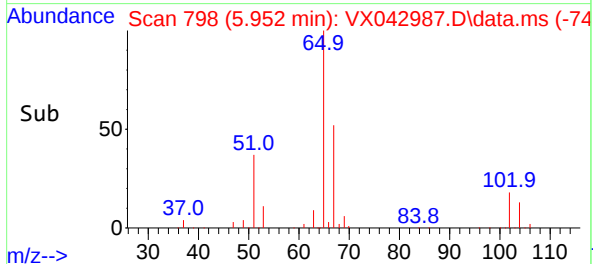
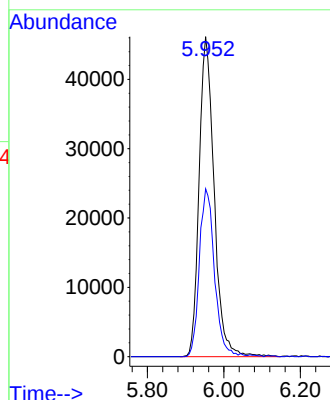
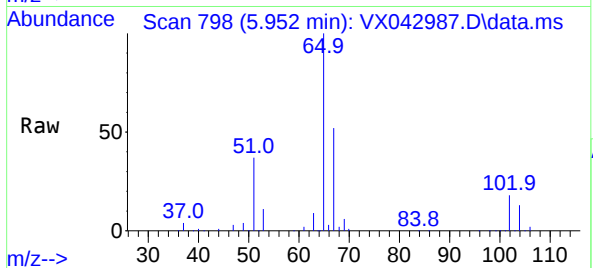




#33
1,2-Dichloroethane-d4
Concen: 49.226 ug/l
RT: 5.952 min Scan# 79
Delta R.T. -0.000 min
Lab File: VX042987.D
Acq: 09 Aug 2024 11:28

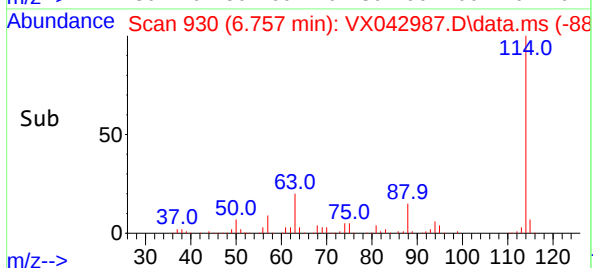
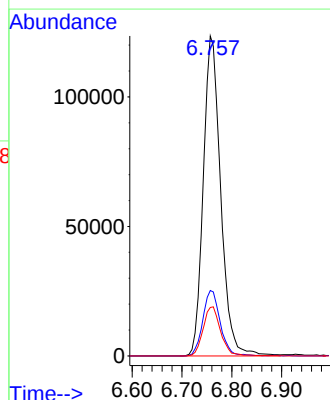
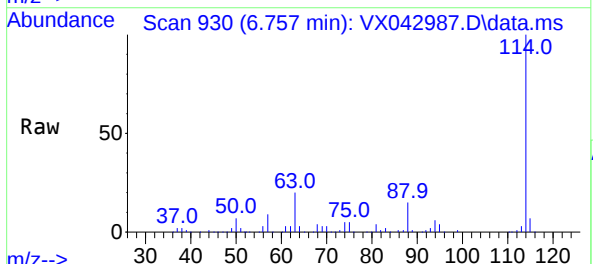
Instrument :
MSVOA_X
ClientSampleId :
VX0809MBL01

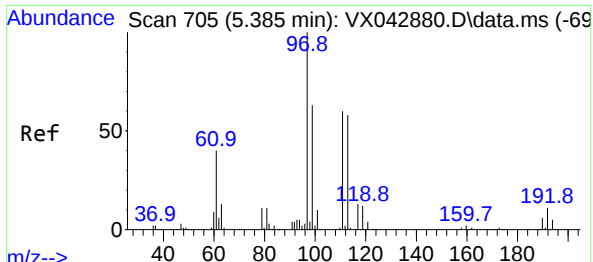
Tgt Ion: 65 Resp: 125810
Ion Ratio Lower Upper
65 100
67 52.8 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX042987.D
Acq: 09 Aug 2024 11:28

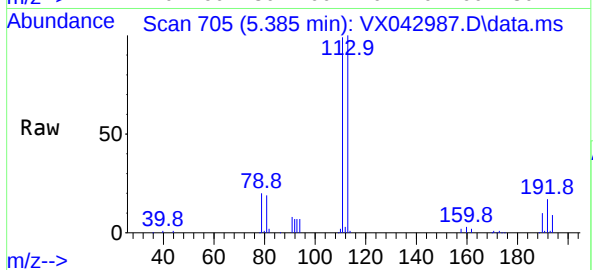
Tgt Ion: 114 Resp: 299817
Ion Ratio Lower Upper
114 100
63 20.4 0.0 45.0
88 15.1 0.0 36.6





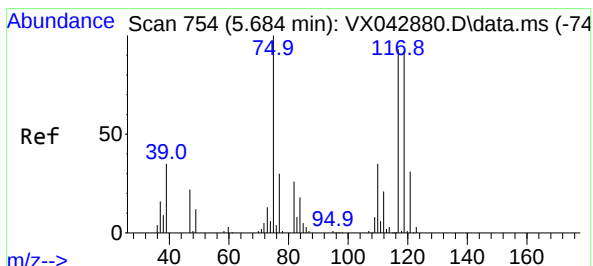
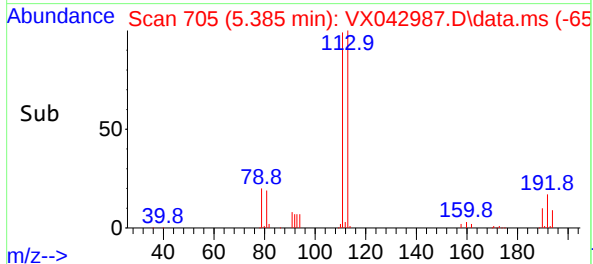
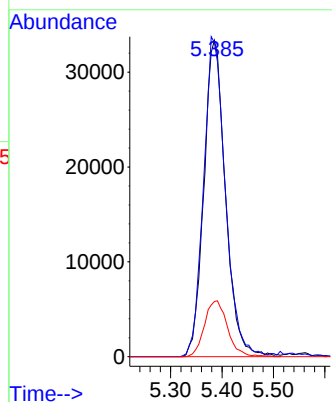
#35
Dibromofluoromethane
Concen: 49.831 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX042987.D
Acq: 09 Aug 2024 11:28

Instrument :
MSVOA_X
ClientSampleId :
VX0809MBL01



Tgt Ion:113 Resp: 97687

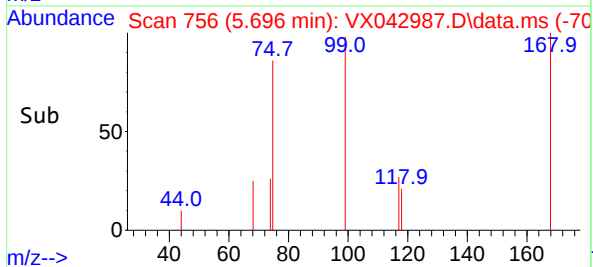
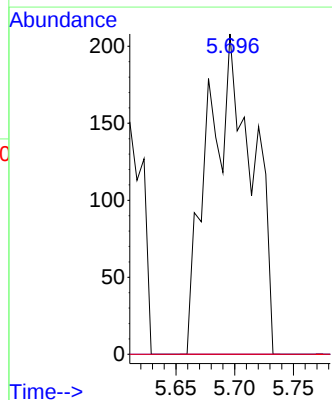
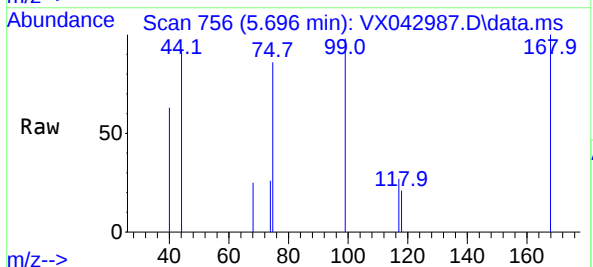
Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.9	124.3
192	18.8	13.3	19.9

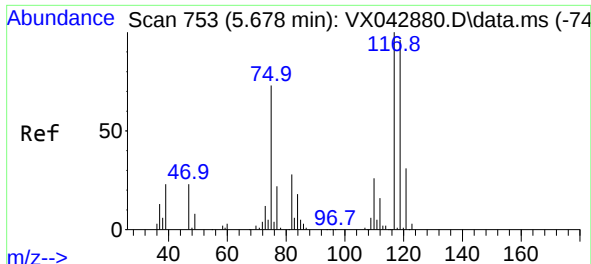


#36
1,1-Dichloropropene
Concen: 0.205 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.012 min
Lab File: VX042987.D
Acq: 09 Aug 2024 11:28

Tgt Ion: 75 Resp: 545

Ion	Ratio	Lower	Upper
75	100		
110	0.0	17.0	50.9#
77	0.0	24.7	37.1#

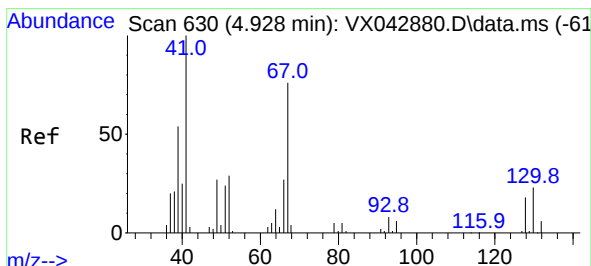
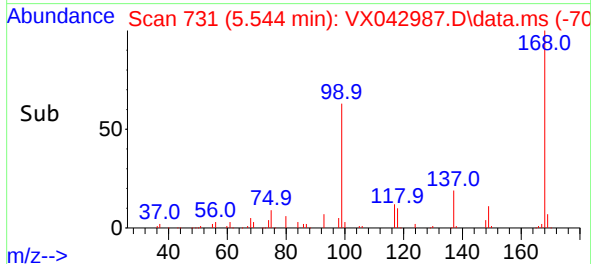
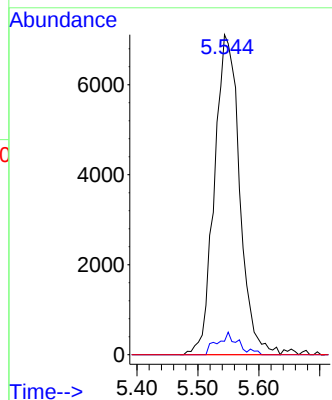
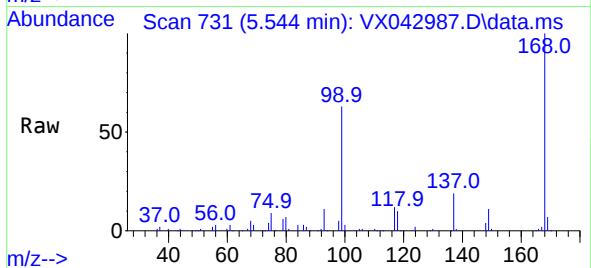




#38
Carbon Tetrachloride
Concen: 6.811 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX042987.D
Acq: 09 Aug 2024 11:28

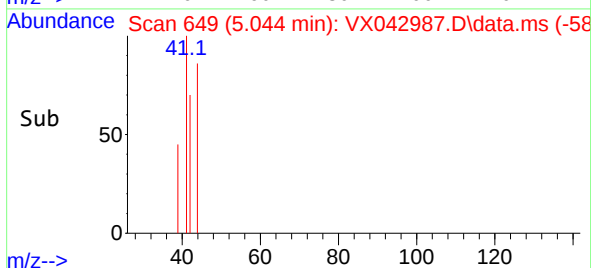
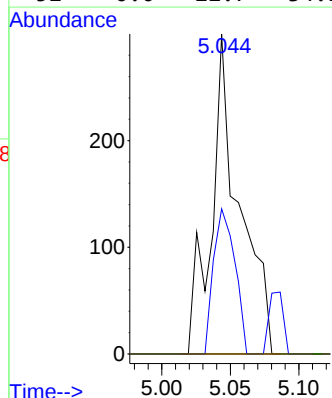
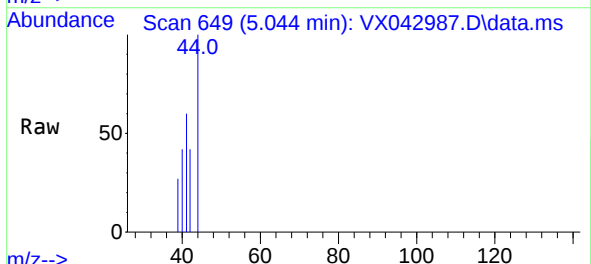
Instrument :
MSVOA_X
ClientSampleId :
VX0809MBL01

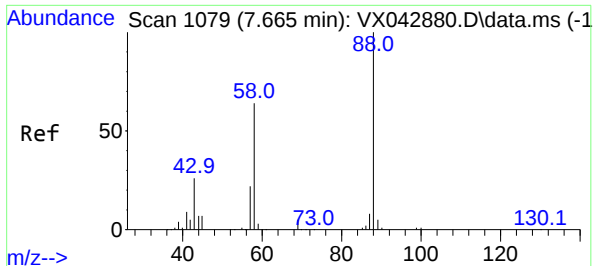
Tgt Ion:117 Resp: 20436
Ion Ratio Lower Upper
117 100
119 4.2 78.2 117.2#
121 0.0 24.4 36.6#



#41
Methacrylonitrile
Concen: 0.250 ug/l
RT: 5.044 min Scan# 649
Delta R.T. 0.116 min
Lab File: VX042987.D
Acq: 09 Aug 2024 11:28

Tgt Ion: 41 Resp: 429
Ion Ratio Lower Upper
41 100
39 34.3 45.2 67.8#
67 0.0 52.6 78.8#
52 0.0 22.7 34.1#

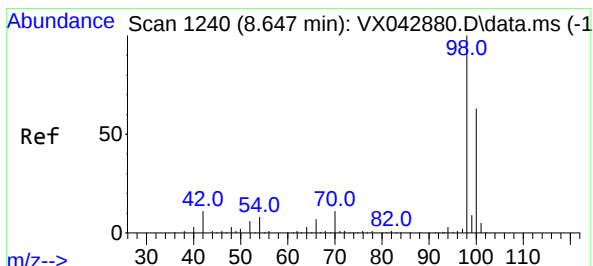
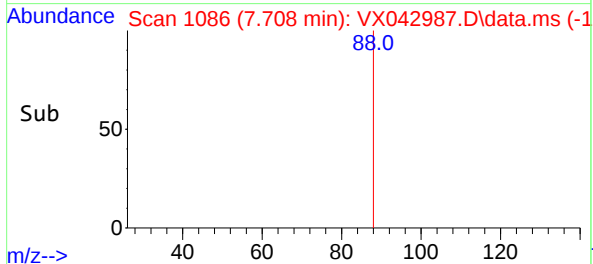
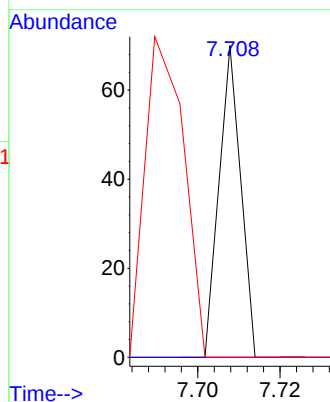
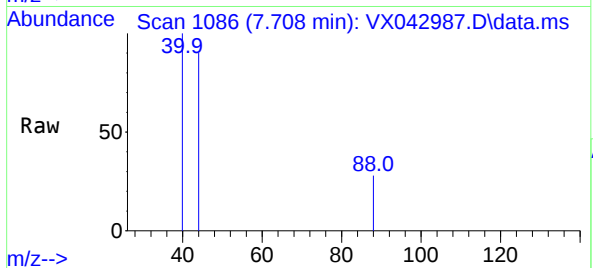




#49
1,4-Dioxane
Concen: 0.497 ug/l
RT: 7.708 min Scan# 1086
Delta R.T. 0.043 min
Lab File: VX042987.D
Acq: 09 Aug 2024 11:28

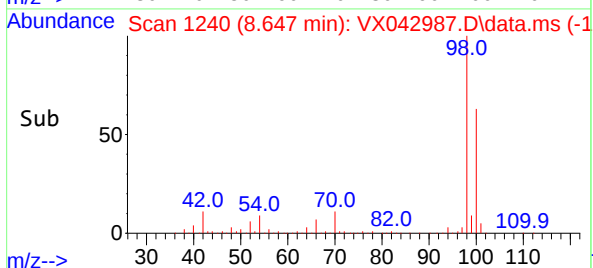
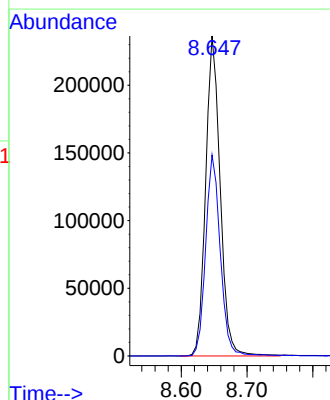
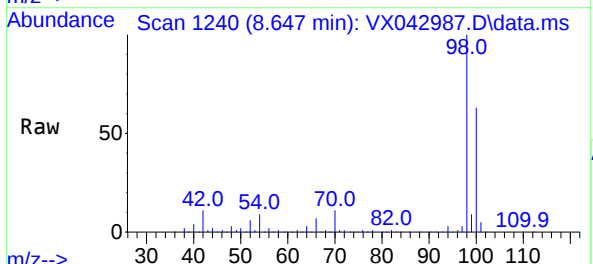
Instrument :
MSVOA_X
ClientSampleId :
VX0809MBL01

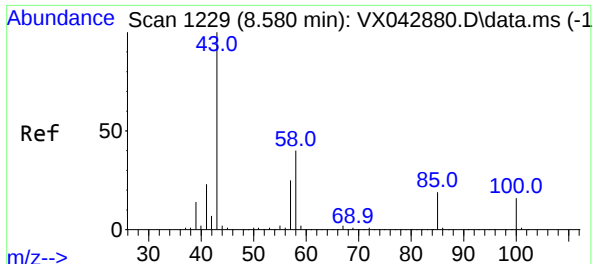
Tgt Ion: 88 Resp: 26
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 180.8 60.1 90.1#



#50
Toluene-d8
Concen: 52.198 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX042987.D
Acq: 09 Aug 2024 11:28

Tgt Ion: 98 Resp: 363265
Ion Ratio Lower Upper
98 100
100 63.6 53.1 79.7

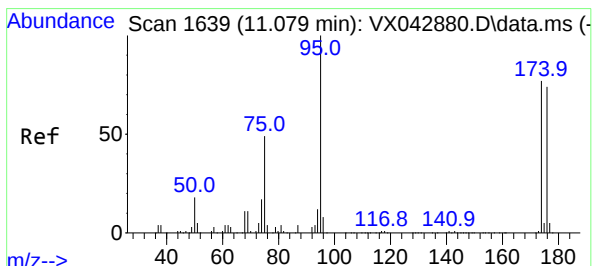
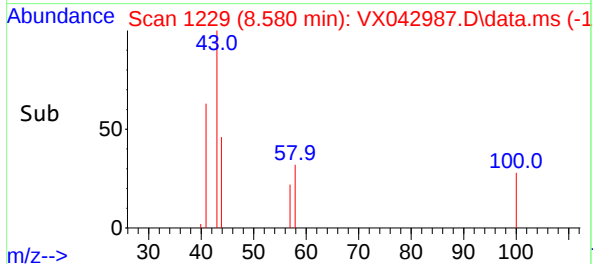
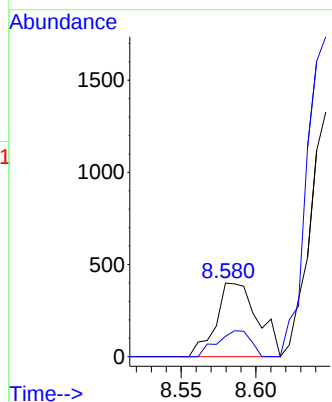
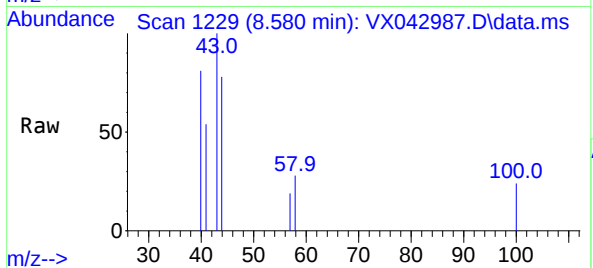




#51
4-Methyl-2-Pentanone
Concen: 0.234 ug/l
RT: 8.580 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX042987.D
Acq: 09 Aug 2024 11:28

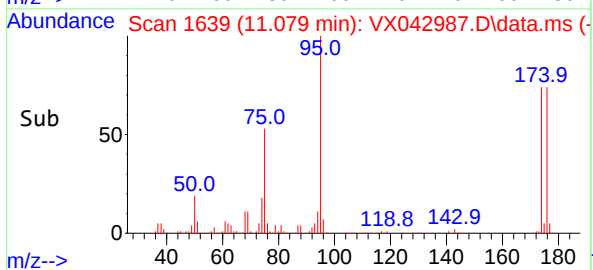
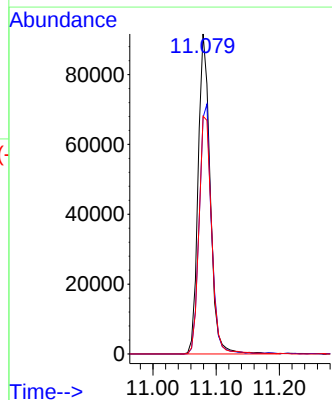
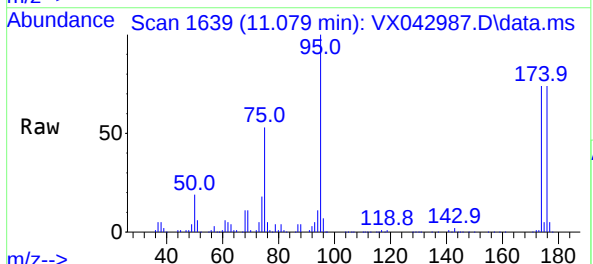
Instrument :
MSVOA_X
ClientSampleId :
VX0809MBL01

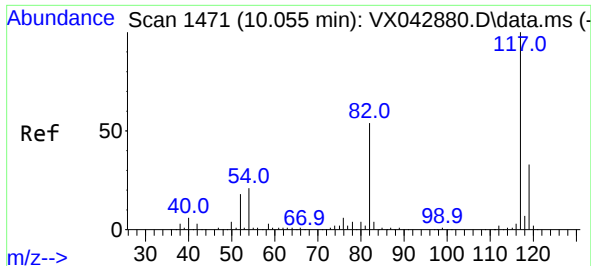
Tgt Ion: 43 Resp: 771
Ion Ratio Lower Upper
43 100
58 28.4 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 48.563 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX042987.D
Acq: 09 Aug 2024 11:28

Tgt Ion: 95 Resp: 121446
Ion Ratio Lower Upper
95 100
174 79.0 0.0 135.6
176 78.1 0.0 131.0

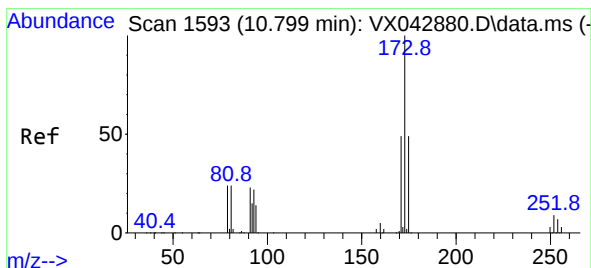
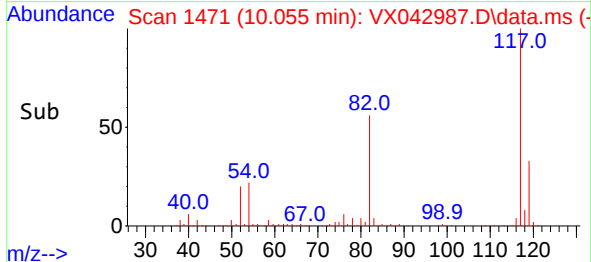
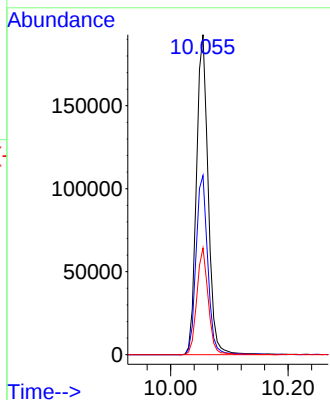
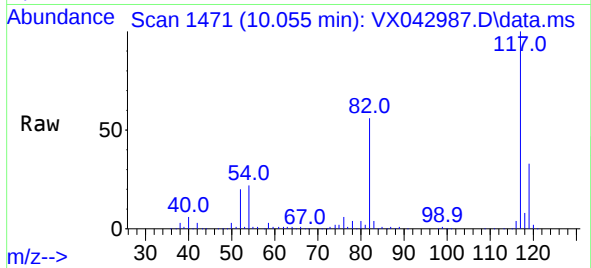




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX042987.D
Acq: 09 Aug 2024 11:28

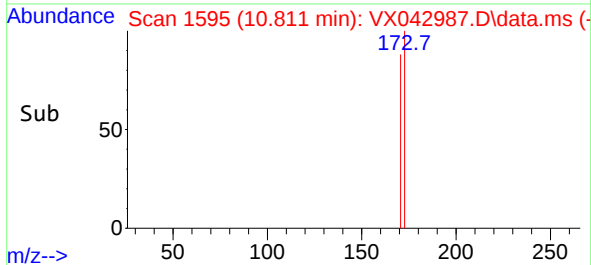
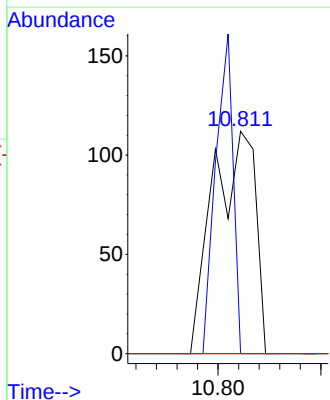
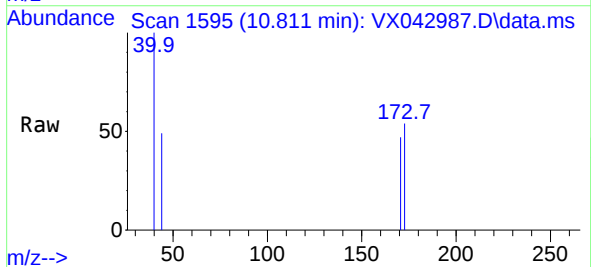
Instrument :
MSVOA_X
ClientSampleId :
VX0809MBL01

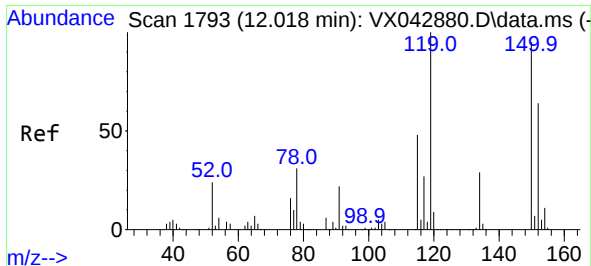
Tgt Ion:117 Resp: 268283
Ion Ratio Lower Upper
117 100
82 56.0 46.2 69.4
119 33.3 25.5 38.3



#71
Bromoform
Concen: 0.908 ug/l
RT: 10.811 min Scan# 1595
Delta R.T. 0.012 min
Lab File: VX042987.D
Acq: 09 Aug 2024 11:28

Tgt Ion:173 Resp: 160
Ion Ratio Lower Upper
173 100
175 0.0 24.1 72.4#
254 0.0 0.0 0.0

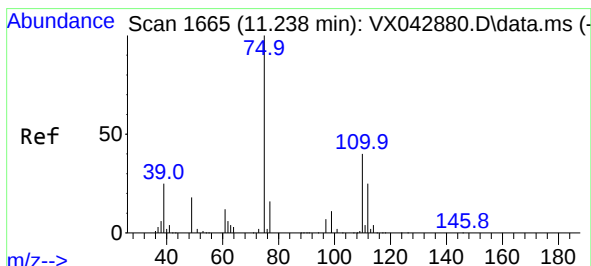
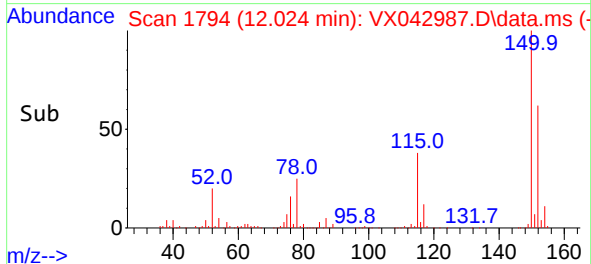
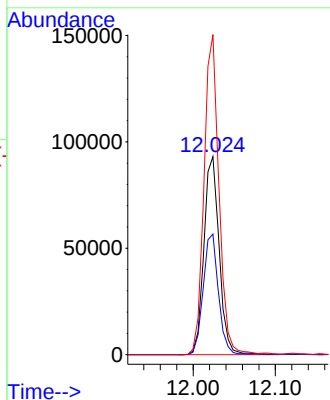
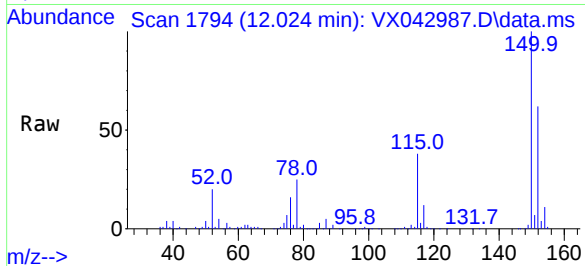




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX042987.D
Acq: 09 Aug 2024 11:28

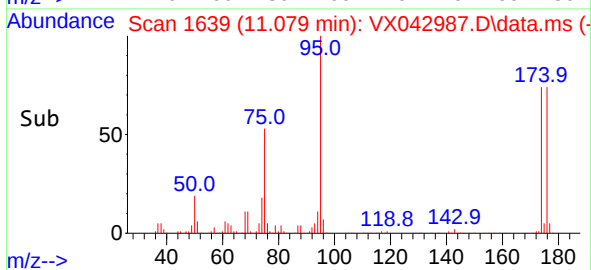
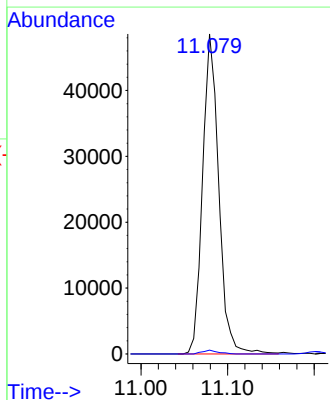
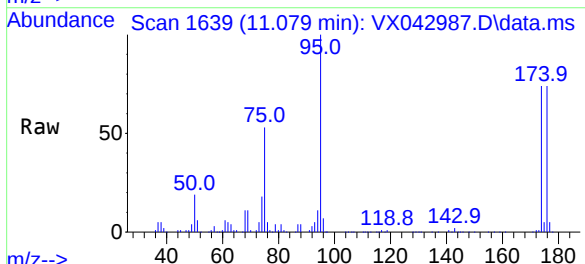
Instrument :
MSVOA_X
ClientSampleId :
VX0809MBL01

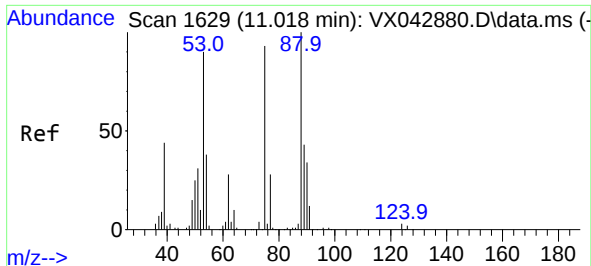
Tgt Ion:152 Resp: 120420
Ion Ratio Lower Upper
152 100
115 61.1 43.3 129.9
150 158.2 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 23.316 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX042987.D
Acq: 09 Aug 2024 11:28

Tgt Ion: 75 Resp: 63146
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#

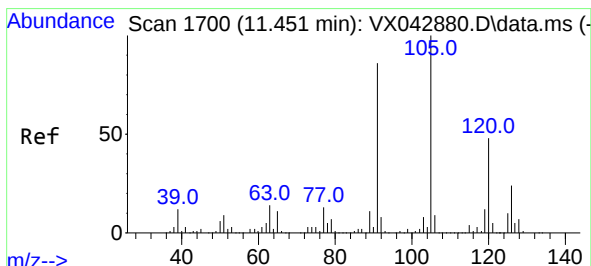
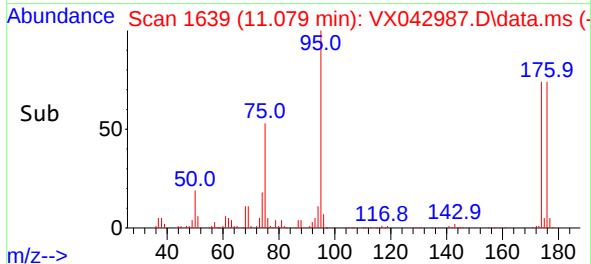
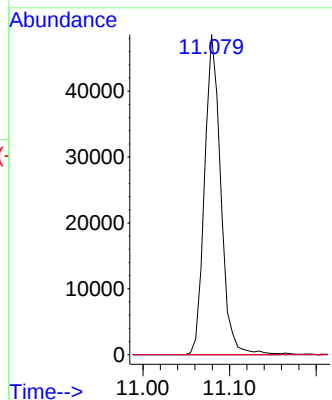
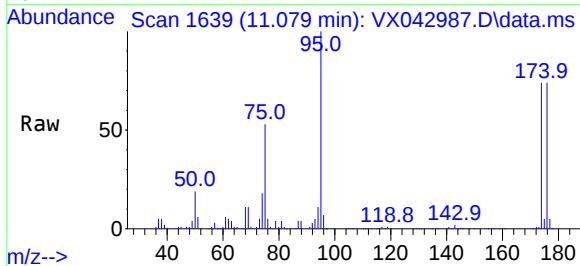




#81
trans-1,4-Dichloro-2-butene
Concen: 75.814 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX042987.D
Acq: 09 Aug 2024 11:28

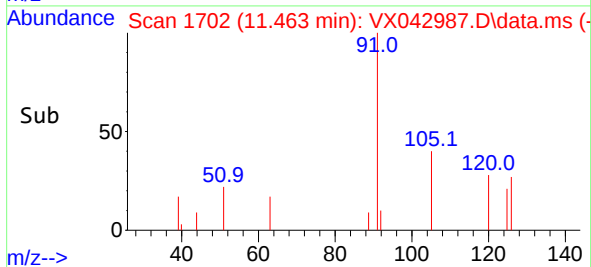
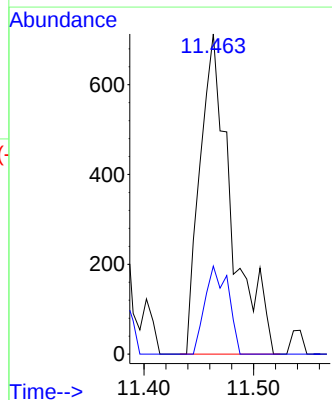
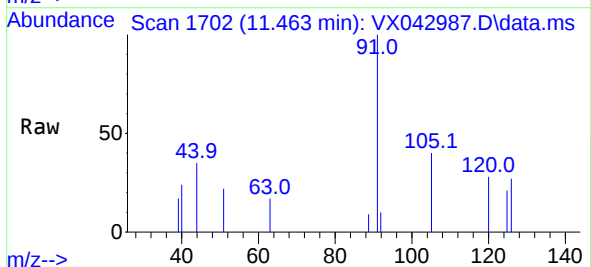
Instrument :
MSVOA_X
ClientSampleId :
VX0809MBL01

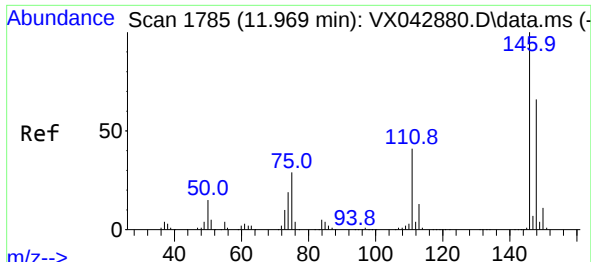
Tgt Ion: 75 Resp: 63146
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#82
4-Chlorotoluene
Concen: 0.204 ug/l
RT: 11.463 min Scan# 1702
Delta R.T. 0.012 min
Lab File: VX042987.D
Acq: 09 Aug 2024 11:28

Tgt Ion: 91 Resp: 1418
Ion Ratio Lower Upper
91 100
126 20.5 14.2 42.6





#87

1,3-Dichlorobenzene

Concen: 0.234 ug/l

RT: 11.981 min Scan# 1787

Delta R.T. 0.012 min

Lab File: VX042987.D

Acq: 09 Aug 2024 11:28

Instrument :

MSVOA_X

ClientSampleId :

VX0809MBL01

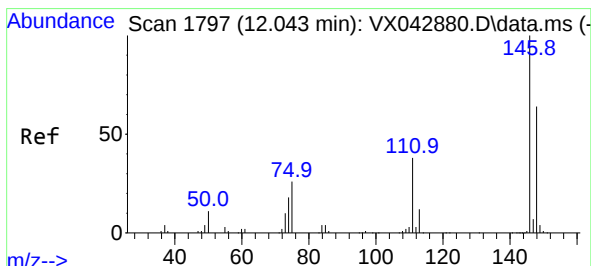
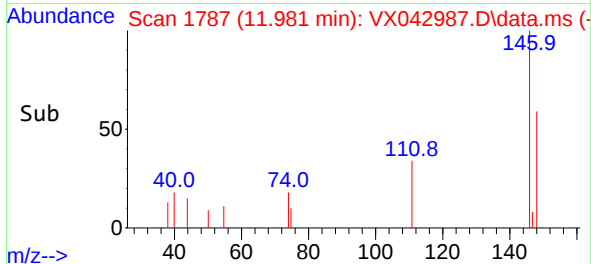
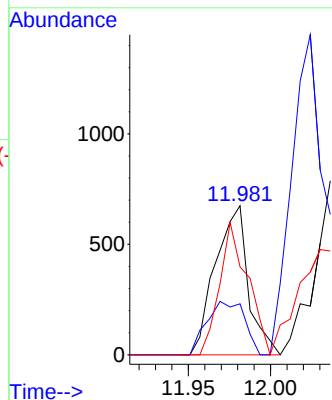
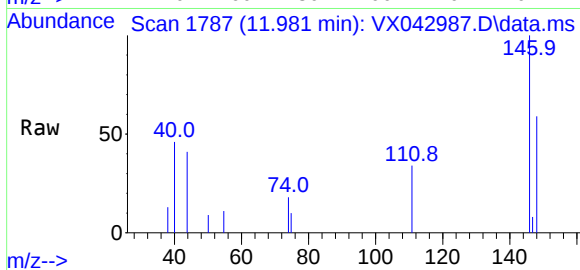
Tgt Ion:146 Resp: 939

Ion Ratio Lower Upper

146 100

111 41.2 22.1 66.1

148 75.6 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 0.229 ug/l

RT: 11.981 min Scan# 1787

Delta R.T. -0.061 min

Lab File: VX042987.D

Acq: 09 Aug 2024 11:28

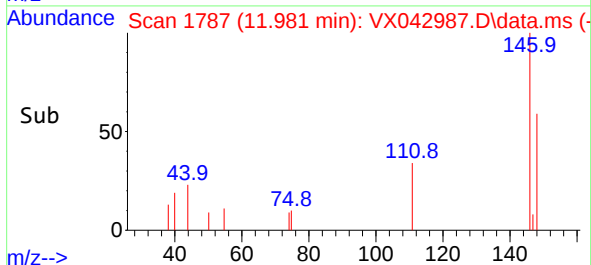
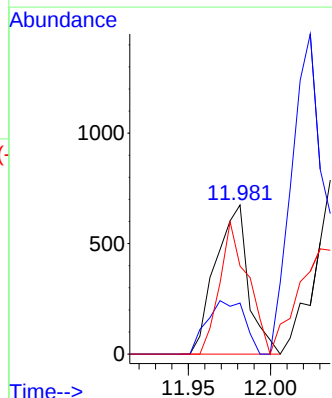
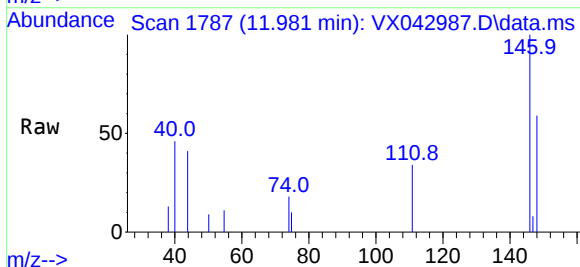
Tgt Ion:146 Resp: 939

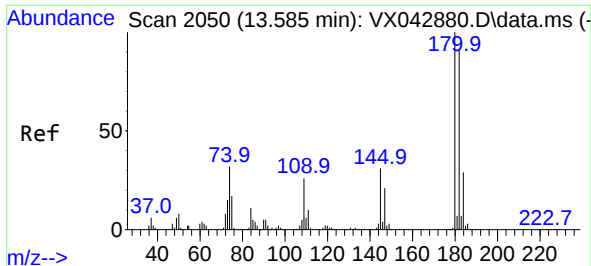
Ion Ratio Lower Upper

146 100

111 41.2 21.3 63.7

148 75.6 31.8 95.4

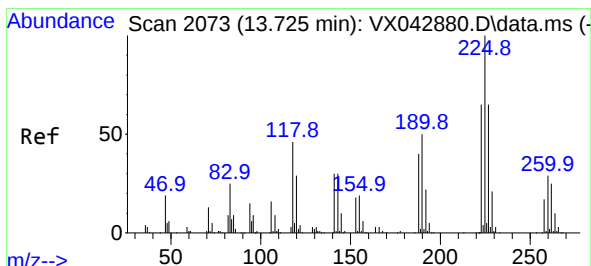
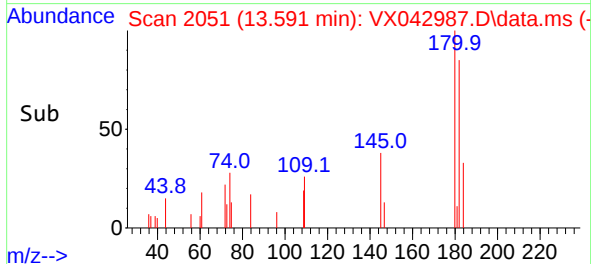
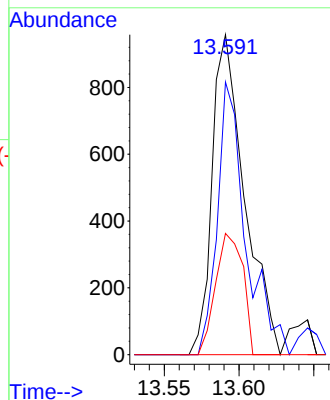
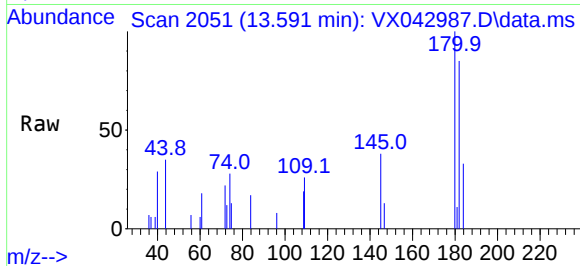




#93
1,2,4-Trichlorobenzene
Concen: 0.591 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX042987.D
Acq: 09 Aug 2024 11:28

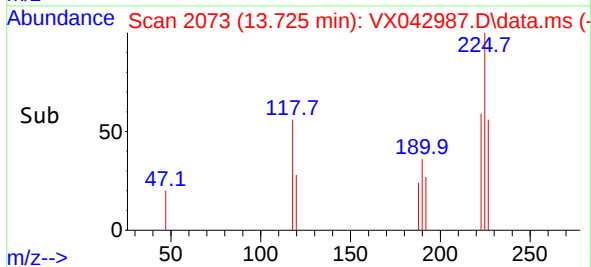
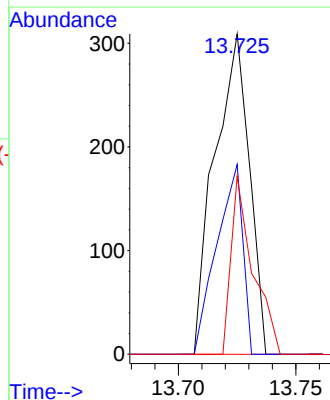
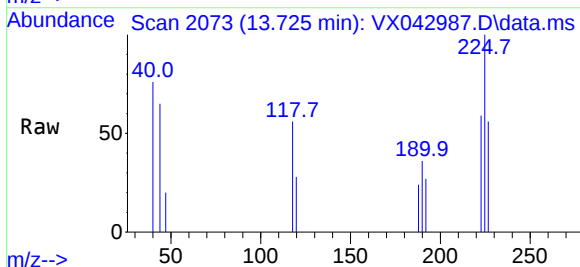
Instrument :
MSVOA_X
ClientSampleId :
VX0809MBL01

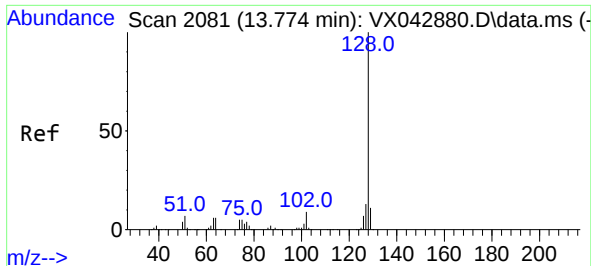
Tgt Ion:180 Resp: 1446
Ion Ratio Lower Upper
180 100
182 74.3 48.3 144.8
145 31.7 18.0 54.0



#94
Hexachlorobutadiene
Concen: 0.304 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX042987.D
Acq: 09 Aug 2024 11:28

Tgt Ion:225 Resp: 316
Ion Ratio Lower Upper
225 100
223 44.6 31.1 93.2
227 35.4 32.5 97.5

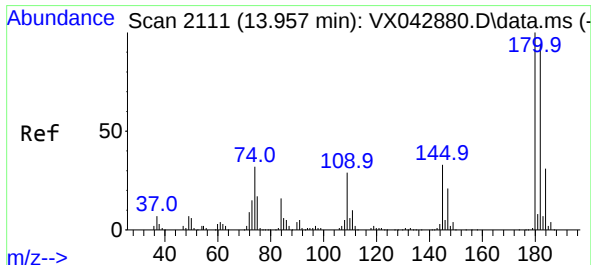
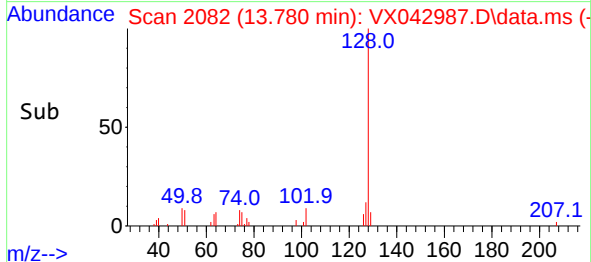
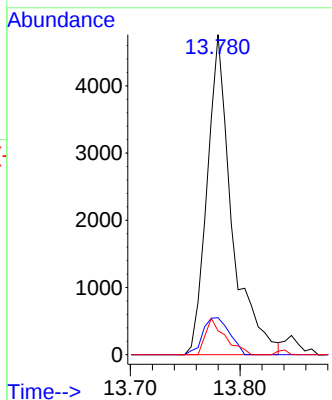
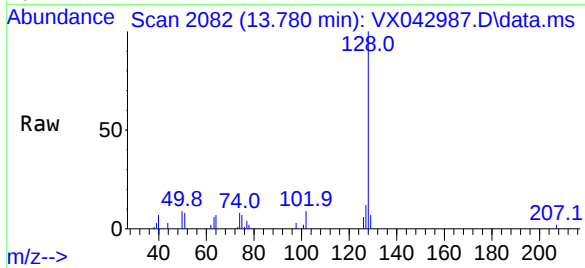




#95
Naphthalene
Concen: 0.880 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX042987.D
Acq: 09 Aug 2024 11:28

Instrument :
MSVOA_X
ClientSampleId :
VX0809MBL01

Tgt Ion:	128	Resp:	7451
Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.3	15.5
129	8.9	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 0.646 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX042987.D
Acq: 09 Aug 2024 11:28

Tgt Ion:	180	Resp:	1593
Ion	Ratio	Lower	Upper
180	100		
182	98.4	46.9	140.6
145	36.4	17.8	53.5

