

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100424\
 Data File : VX043277.D
 Acq On : 04 Oct 2024 10:37
 Operator : JC/MD
 Sample : P4263-05DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 04 23:26:27 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)

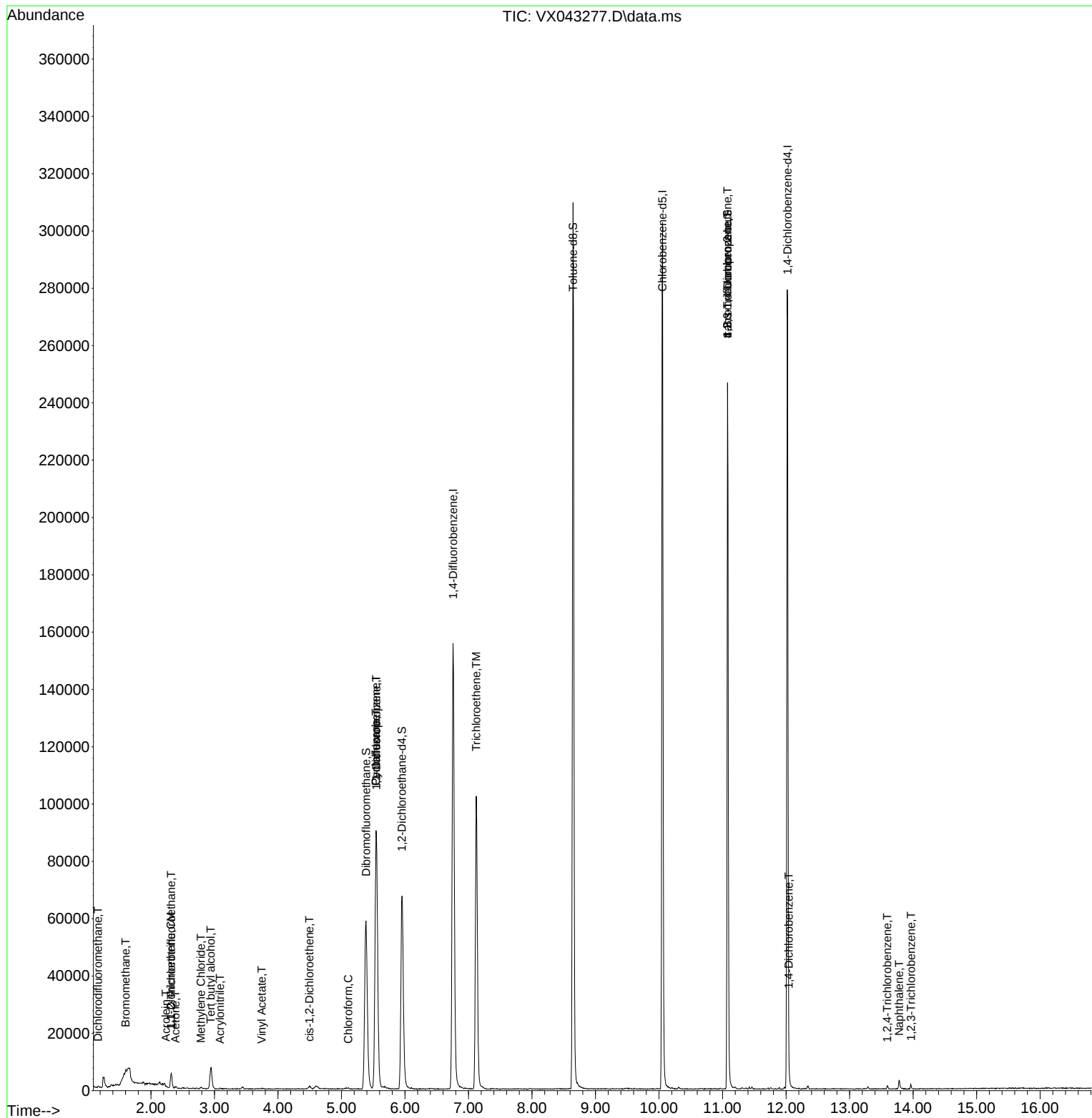
Internal Standards						
1) Pentafluorobenzene	5.544	168	82634	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	157373	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	133784	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	56824	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	70420	52.181	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	104.360%
35) Dibromofluoromethane	5.385	113	52018	47.929	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.860%
50) Toluene-d8	8.647	98	184787	49.131	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.260%
62) 4-Bromofluorobenzene	11.079	95	65619	48.024	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	96.040%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	219	0.228	ug/l	83
5) Bromomethane	1.599	94	207	0.511	ug/l	82
9) 1,1,2-Trichlorotrifluo...	2.319	101	1760	1.904	ug/l	96
11) Tert butyl alcohol	2.940	59	4401	17.137	ug/l #	71
12) 1,1-Dichloroethene	2.312	96	312	0.340	ug/l #	72
13) Acrolein	2.233	56	177	0.730	ug/l #	69
15) Acrylonitrile	3.087	53	105	0.200	ug/l #	27
16) Acetone	2.386	43	646	1.146	ug/l #	47
20) Methylene Chloride	2.788	84	340	0.327	ug/l #	80
23) Vinyl Acetate	3.745	43	132	6.378	ug/l #	71
27) cis-1,2-Dichloroethene	4.495	96	709	0.622	ug/l	83
30) Chloroform	5.105	83	467	0.241	ug/l	96
31) Cyclohexane	5.544	56	2042	1.402	ug/l #	8
36) 1,1-Dichloropropene	5.550	75	7044	5.138	ug/l #	49
44) Trichloroethene	7.123	130	39817	36.112	ug/l	95
76) 1,2,3-Trichloropropane	11.079	75	36031	28.587	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	36031	74.086	ug/l #	8
88) 1,4-Dichlorobenzene	12.042	146	481	0.246	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.591	180	420	0.376	ug/l #	90
95) Naphthalene	13.780	128	2927	0.713	ug/l #	96
96) 1,2,3-Trichlorobenzene	13.969	180	450	0.391	ug/l	86

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

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Quant Time: Oct 04 23:26:27 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



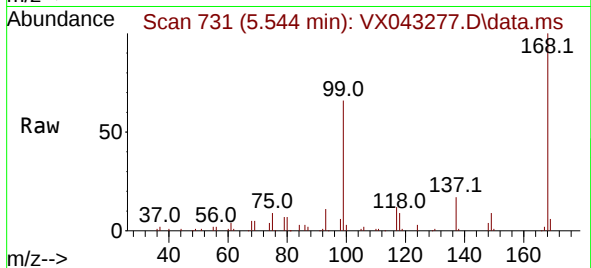


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX043277.D
Acq: 04 Oct 2024 10:37

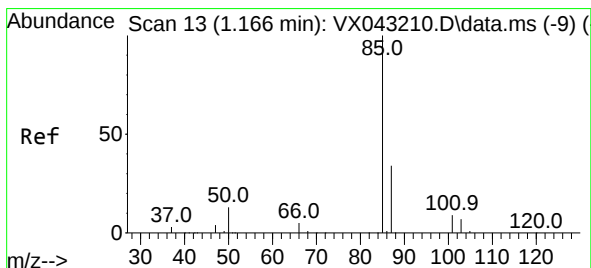
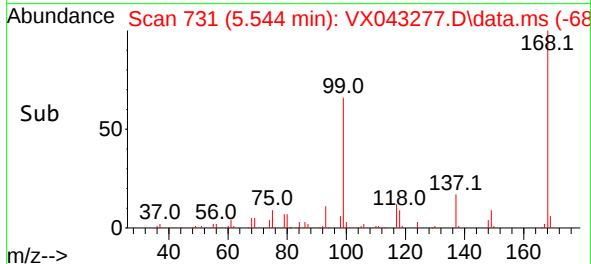
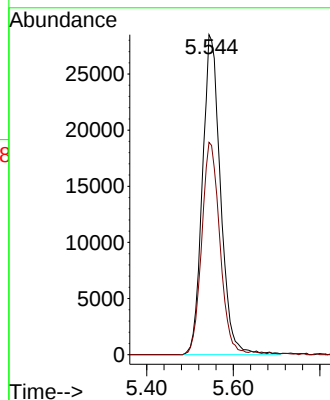
Instrument :

MSVOA_X

ClientSampleId :

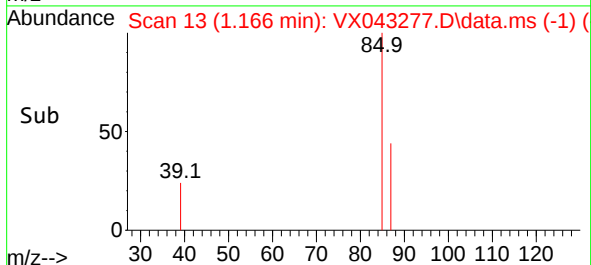
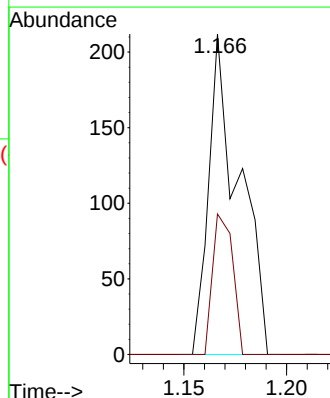
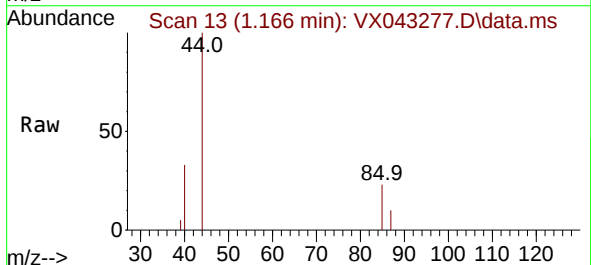


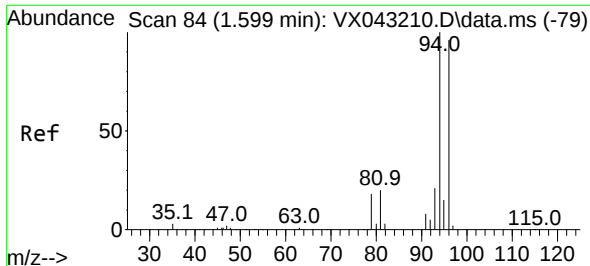
Tgt Ion:168 Resp: 82634
Ion Ratio Lower Upper
168 100
99 66.3 49.7 74.5



#2
Dichlorodifluoromethane
Concen: 0.228 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX043277.D
Acq: 04 Oct 2024 10:37

Tgt Ion: 85 Resp: 219
Ion Ratio Lower Upper
85 100
87 43.9 17.1 51.2

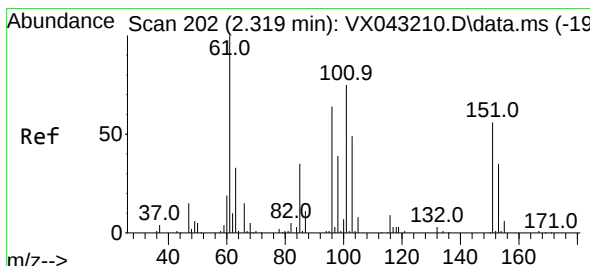
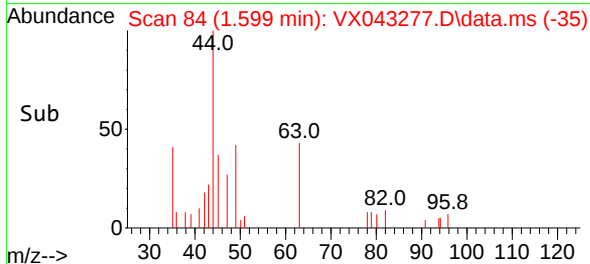
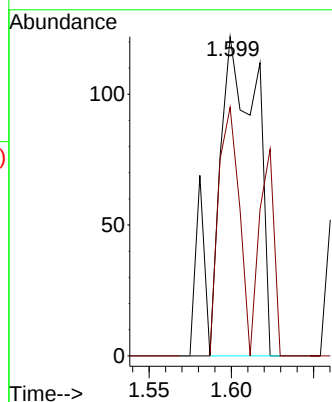
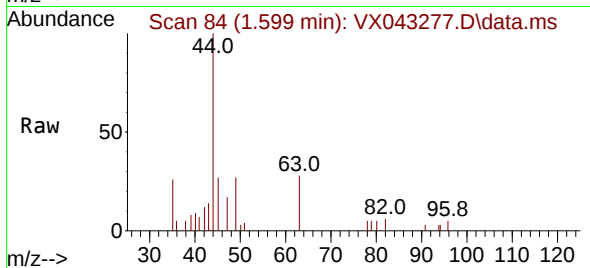




#5
 Bromomethane
 Concen: 0.511 ug/l
 RT: 1.599 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VX043277.D
 Acq: 04 Oct 2024 10:37

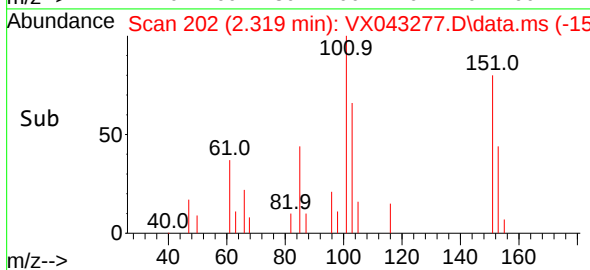
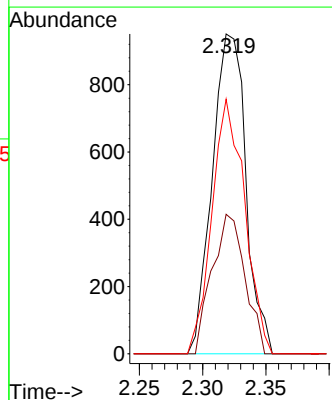
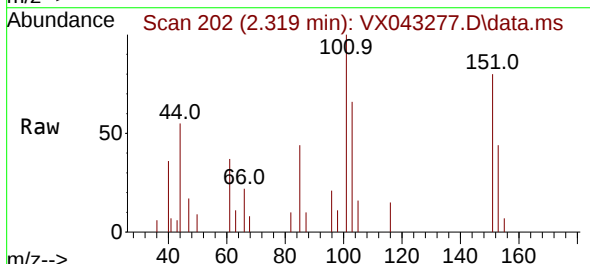
Instrument :
 MSVOA_X
 ClientSampleId :

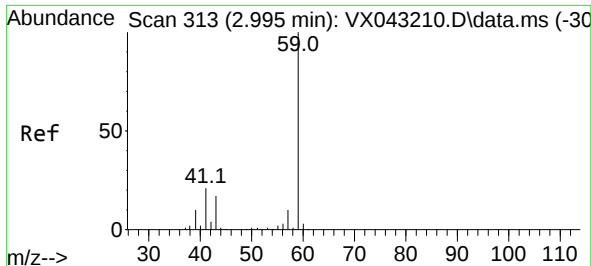
Tgt Ion: 94 Resp: 207
 Ion Ratio Lower Upper
 94 100
 96 77.9 76.6 115.0



#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 1.904 ug/l
 RT: 2.319 min Scan# 202
 Delta R.T. -0.000 min
 Lab File: VX043277.D
 Acq: 04 Oct 2024 10:37

Tgt Ion: 101 Resp: 1760
 Ion Ratio Lower Upper
 101 100
 85 42.6 37.0 55.6
 151 77.5 60.0 90.0

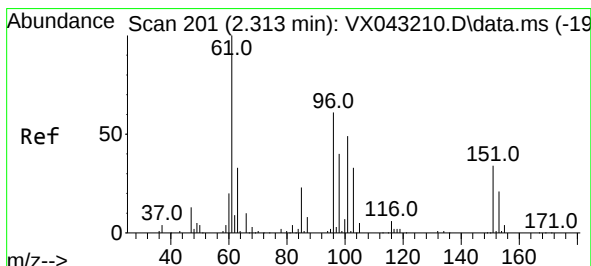
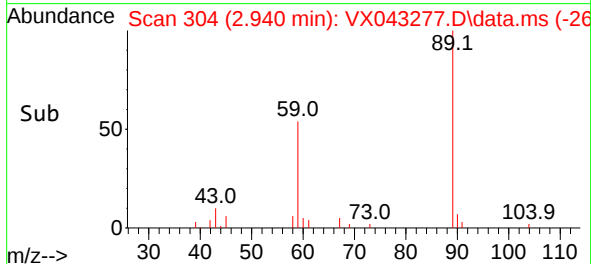
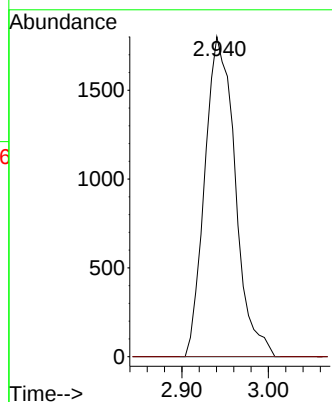
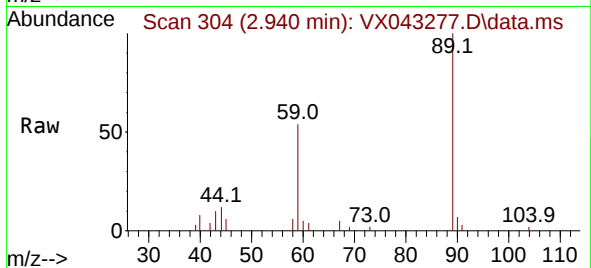




#11
Tert butyl alcohol
Concen: 17.137 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.055 min
Lab File: VX043277.D
Acq: 04 Oct 2024 10:37

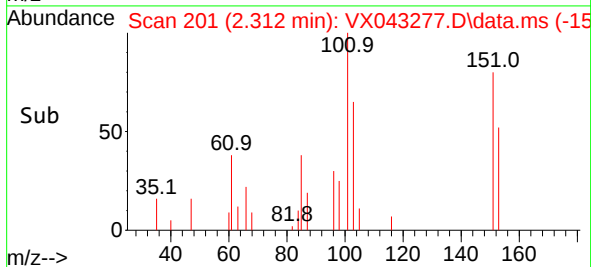
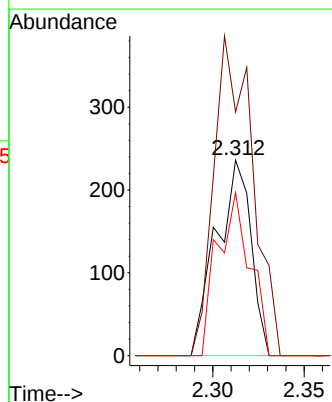
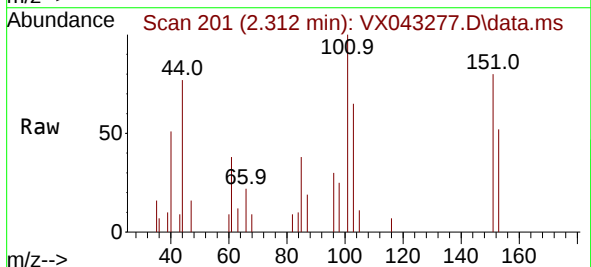
Instrument :
MSVOA_X
ClientSampleId :

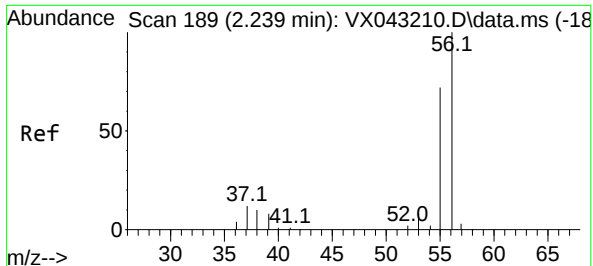
Tgt Ion: 59 Resp: 4401
Ion Ratio Lower Upper
59 100
57 0.0 8.6 13.0#



#12
1,1-Dichloroethene
Concen: 0.340 ug/l
RT: 2.312 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX043277.D
Acq: 04 Oct 2024 10:37

Tgt Ion: 96 Resp: 312
Ion Ratio Lower Upper
96 100
61 124.6 130.6 195.8#
98 83.5 51.7 77.5#





#13

Acrolein

Concen: 0.730 ug/l

RT: 2.233 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX043277.D

Acq: 04 Oct 2024 10:37

Instrument :

MSVOA_X

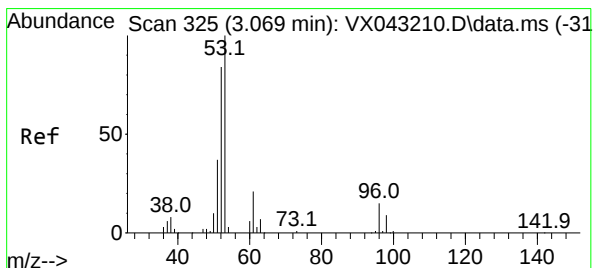
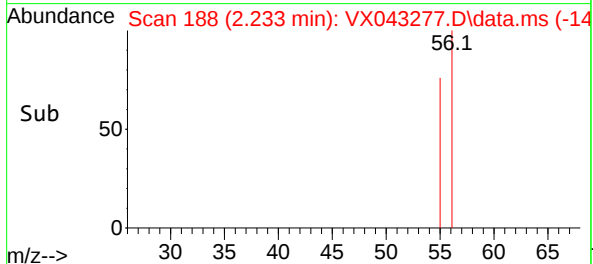
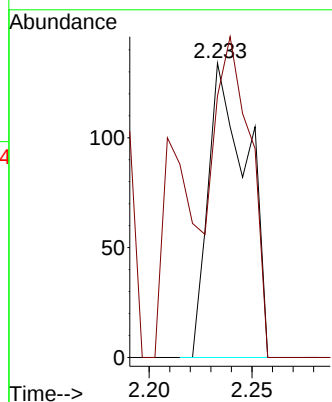
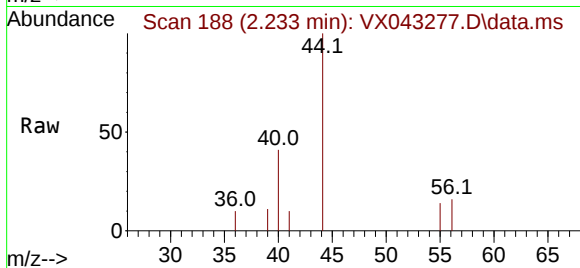
ClientSampleId :

Tgt Ion: 56 Resp: 177

Ion Ratio Lower Upper

56 100

55 97.2 57.4 86.0#



#15

Acrylonitrile

Concen: 0.200 ug/l

RT: 3.087 min Scan# 328

Delta R.T. 0.018 min

Lab File: VX043277.D

Acq: 04 Oct 2024 10:37

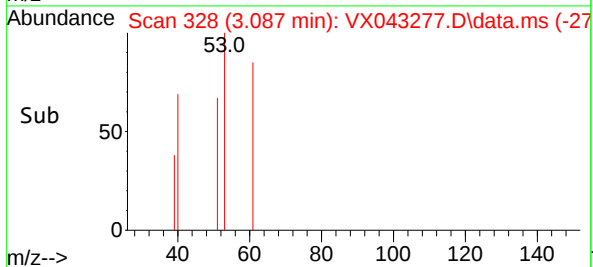
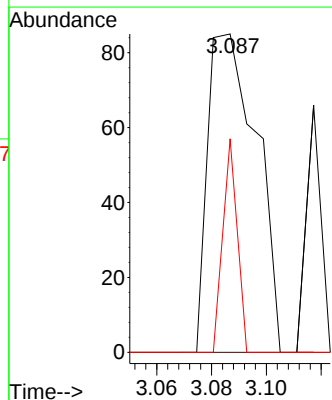
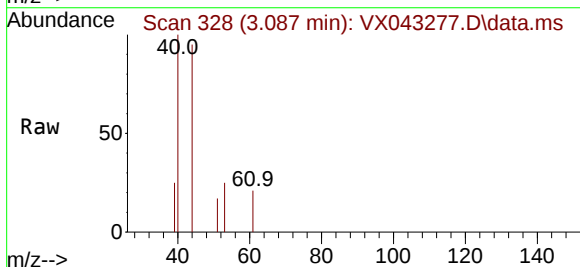
Tgt Ion: 53 Resp: 105

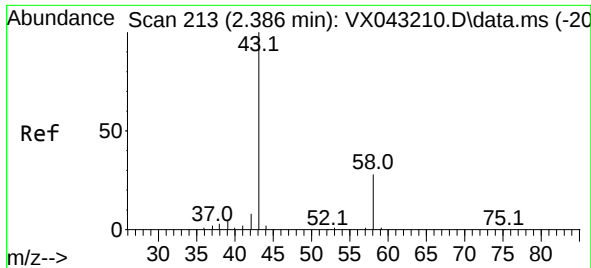
Ion Ratio Lower Upper

53 100

52 0.0 67.6 101.4#

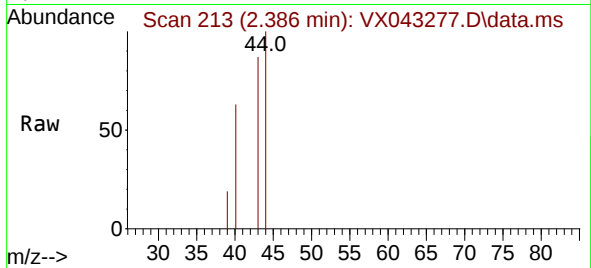
51 20.0 30.3 45.5#



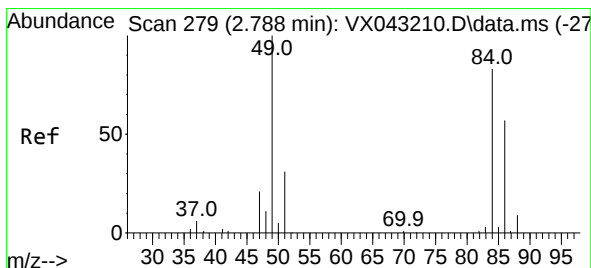
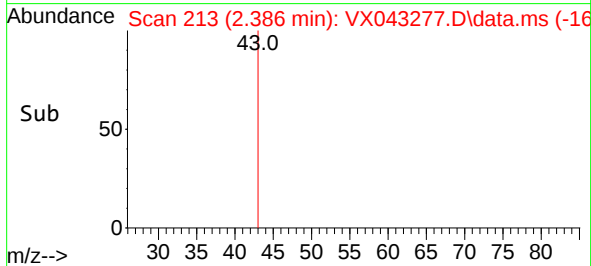
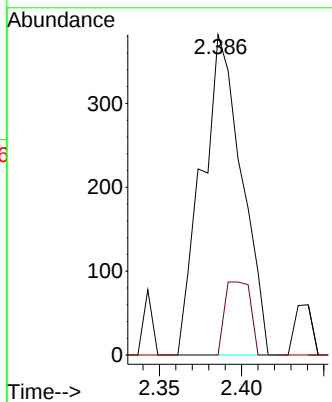


#16
Acetone
Concen: 1.146 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX043277.D
Acq: 04 Oct 2024 10:37

Instrument :
MSVOA_X
ClientSampleId :

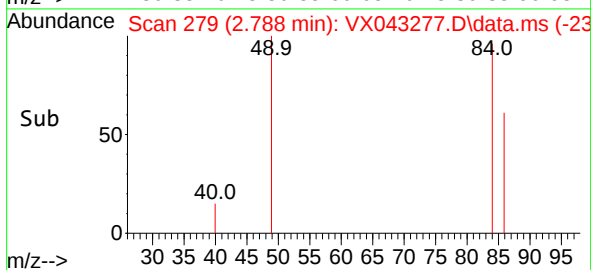
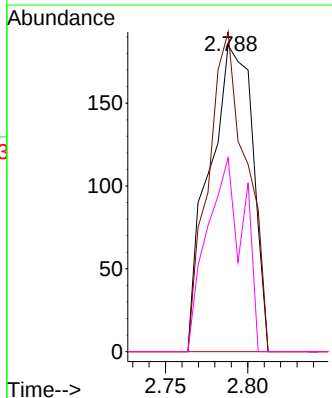
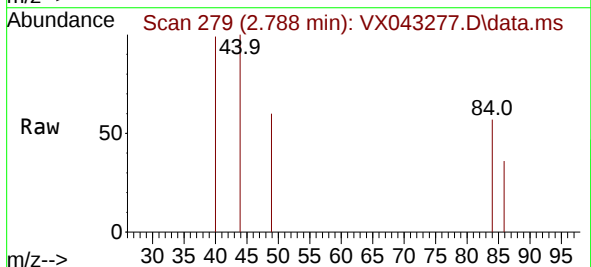


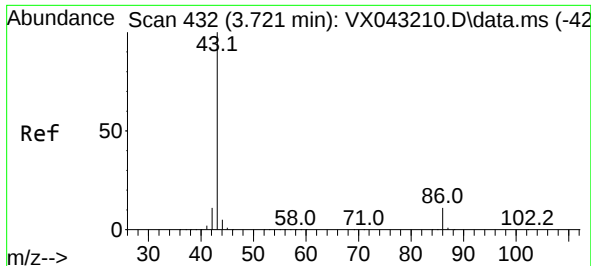
Tgt Ion: 43 Resp: 646
Ion Ratio Lower Upper
43 100
58 0.0 22.6 33.8#



#20
Methylene Chloride
Concen: 0.327 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX043277.D
Acq: 04 Oct 2024 10:37

Tgt Ion: 84 Resp: 340
Ion Ratio Lower Upper
84 100
49 104.3 96.7 145.1
51 0.0 30.4 45.6#
86 63.2 54.7 82.1

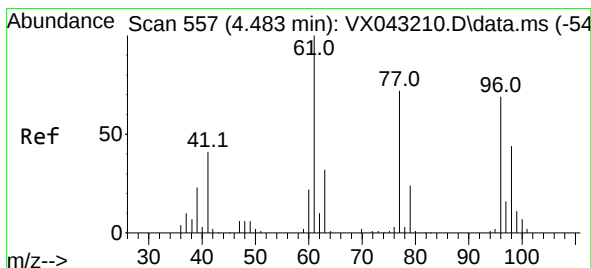
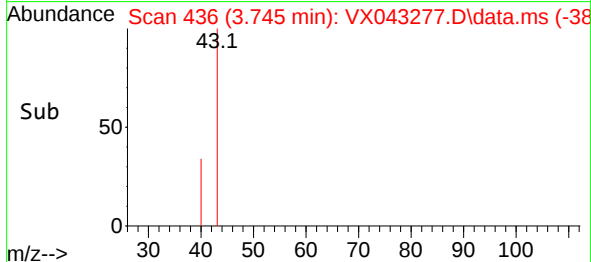
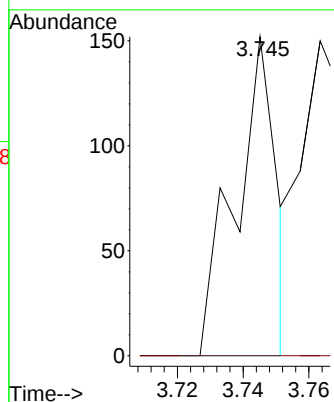
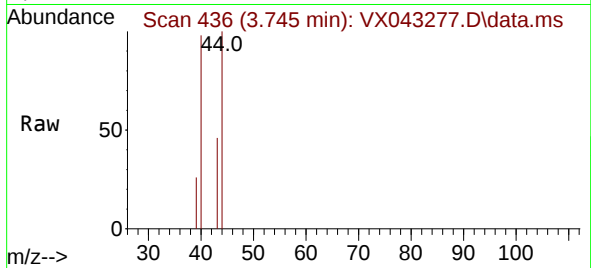




#23
 Vinyl Acetate
 Concen: 6.378 ug/l
 RT: 3.745 min Scan# 41
 Delta R.T. 0.024 min
 Lab File: VX043277.D
 Acq: 04 Oct 2024 10:37

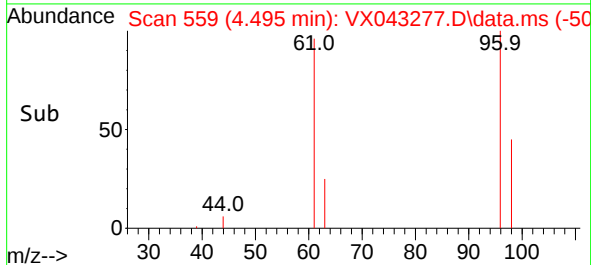
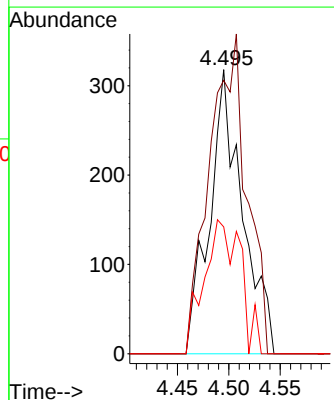
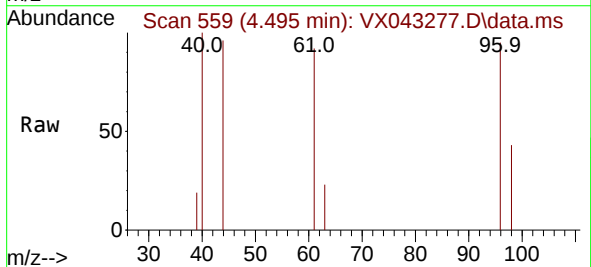
Instrument :
 MSVOA_X
 ClientSampleId :

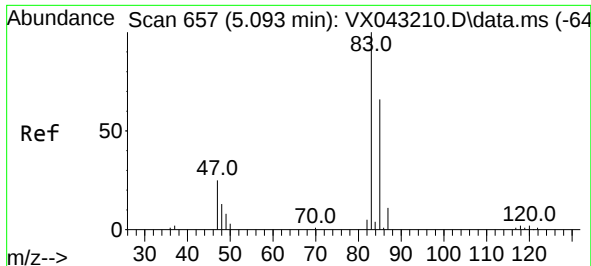
Tgt Ion: 43 Resp: 132
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.8 13.2#



#27
 cis-1,2-Dichloroethene
 Concen: 0.622 ug/l
 RT: 4.495 min Scan# 559
 Delta R.T. 0.012 min
 Lab File: VX043277.D
 Acq: 04 Oct 2024 10:37

Tgt Ion: 96 Resp: 709
 Ion Ratio Lower Upper
 96 100
 61 126.9 0.0 298.2
 98 52.5 0.0 128.6





#30

Chloroform

Concen: 0.241 ug/l

RT: 5.105 min Scan# 6

Delta R.T. 0.012 min

Lab File: VX043277.D

Acq: 04 Oct 2024 10:37

Instrument :

MSVOA_X

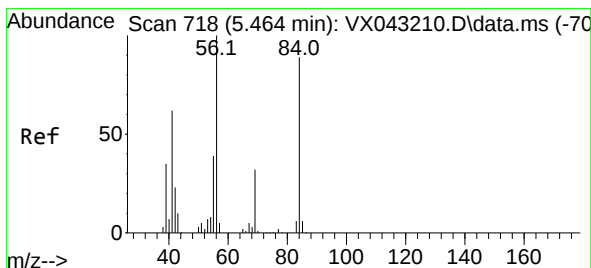
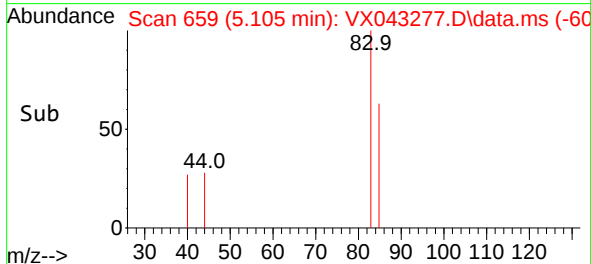
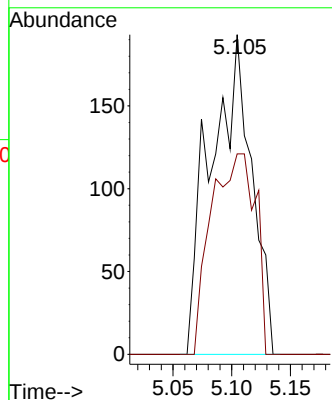
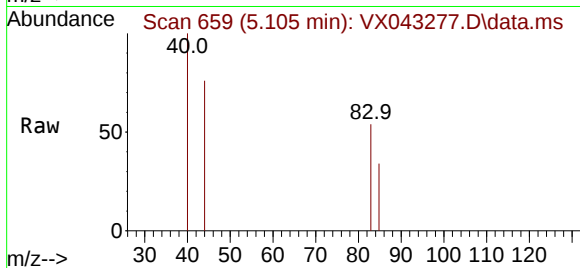
ClientSampleId :

Tgt Ion: 83 Resp: 467

Ion Ratio Lower Upper

83 100

85 62.7 52.5 78.7



#31

Cyclohexane

Concen: 1.402 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.079 min

Lab File: VX043277.D

Acq: 04 Oct 2024 10:37

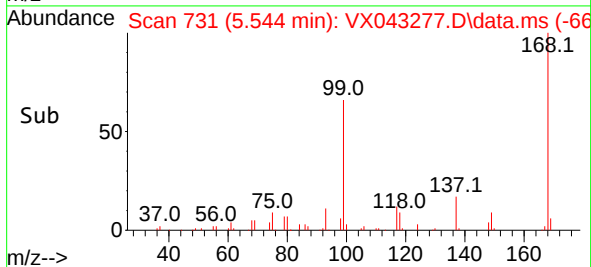
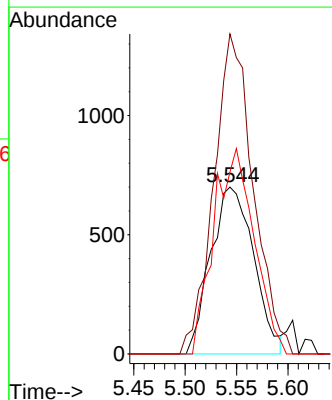
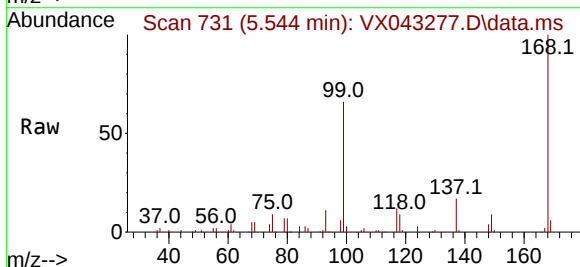
Tgt Ion: 56 Resp: 2042

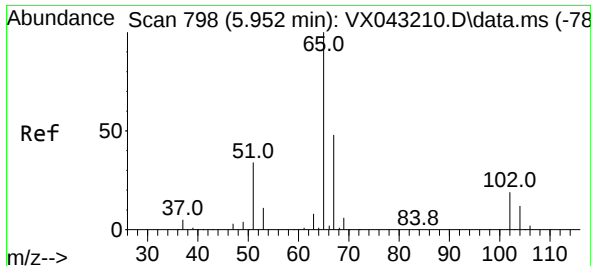
Ion Ratio Lower Upper

56 100

69 191.7 25.8 38.6#

84 109.0 71.1 106.7#

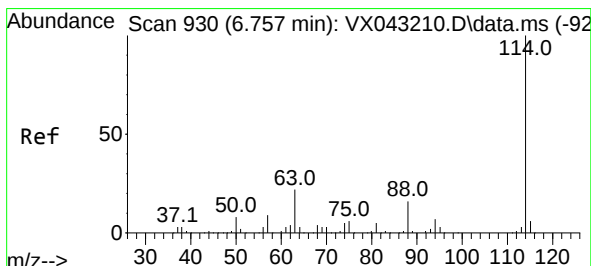
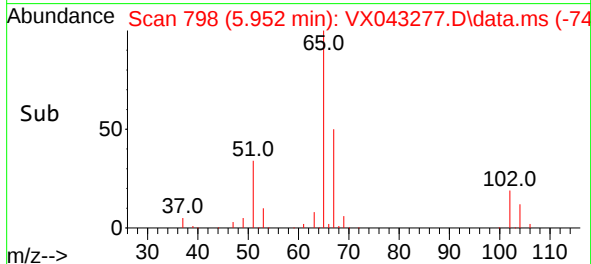
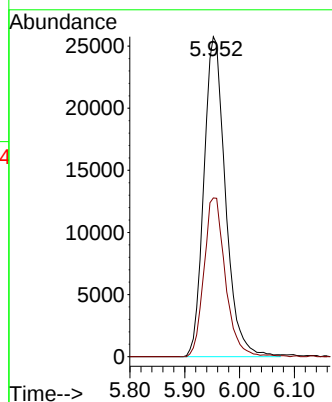
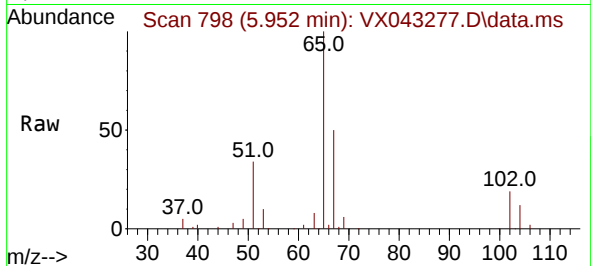




#33
 1,2-Dichloroethane-d4
 Concen: 52.181 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. -0.000 min
 Lab File: VX043277.D
 Acq: 04 Oct 2024 10:37

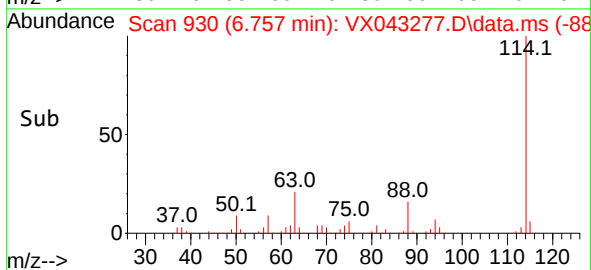
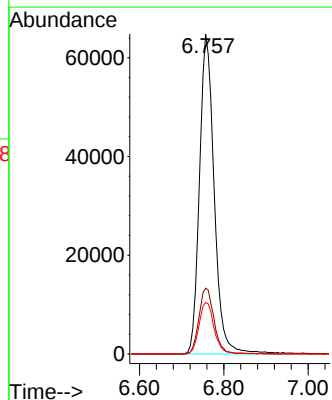
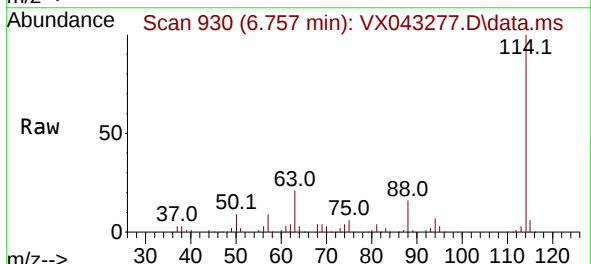
Instrument :
 MSVOA_X
 ClientSampleId :

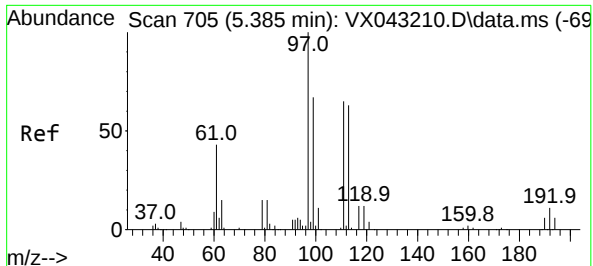
Tgt Ion: 65 Resp: 70420
 Ion Ratio Lower Upper
 65 100
 67 49.3 0.0 99.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.000 min
 Lab File: VX043277.D
 Acq: 04 Oct 2024 10:37

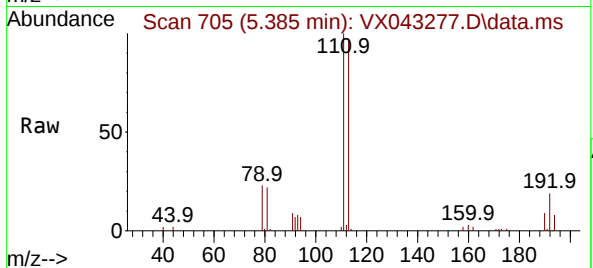
Tgt Ion: 114 Resp: 157373
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 43.0
 88 16.1 0.0 33.0



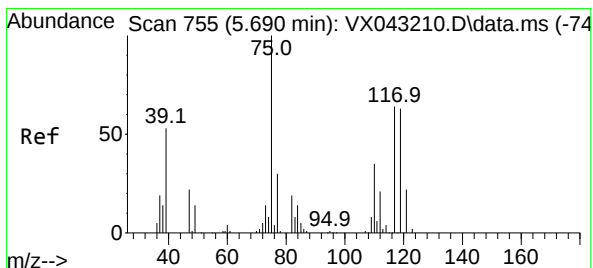
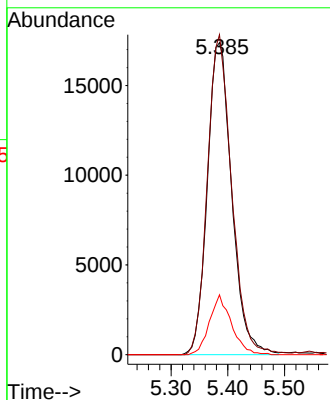
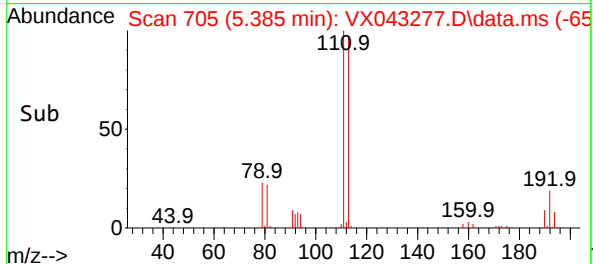


#35
Dibromofluoromethane
Concen: 47.929 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX043277.D
Acq: 04 Oct 2024 10:37

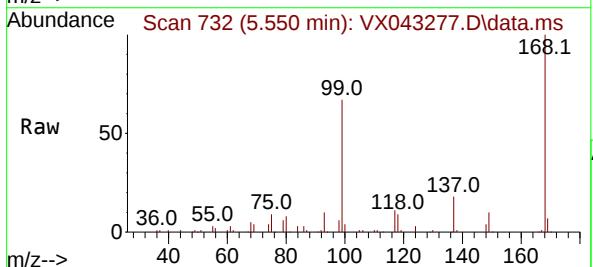
Instrument :
MSVOA_X
ClientSampleId :



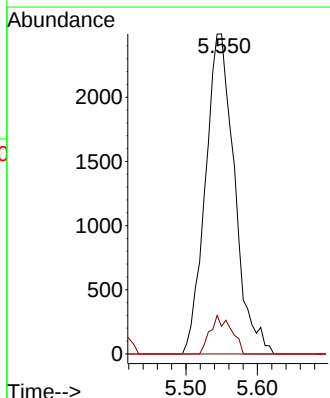
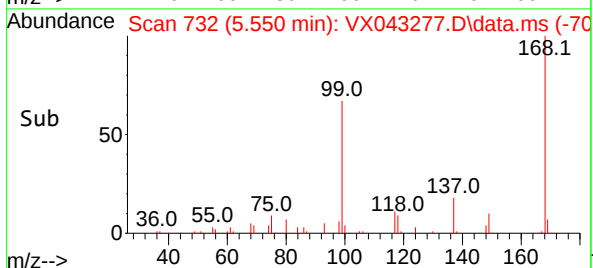
Tgt Ion:113 Resp: 52018
Ion Ratio Lower Upper
113 100
111 101.8 83.4 125.0
192 17.3 14.1 21.1

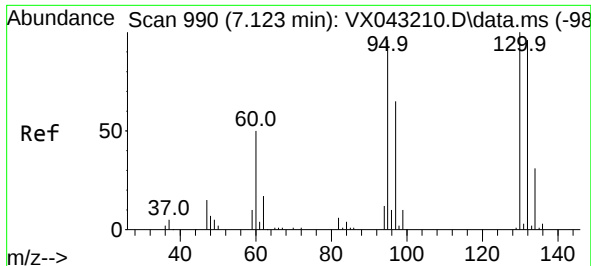


#36
1,1-Dichloropropene
Concen: 5.138 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX043277.D
Acq: 04 Oct 2024 10:37



Tgt Ion: 75 Resp: 7044
Ion Ratio Lower Upper
75 100
110 8.7 17.8 53.3#
77 0.0 24.9 37.3#

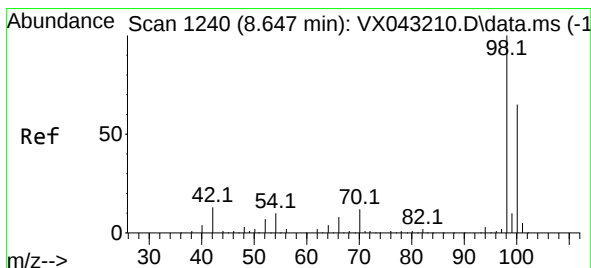
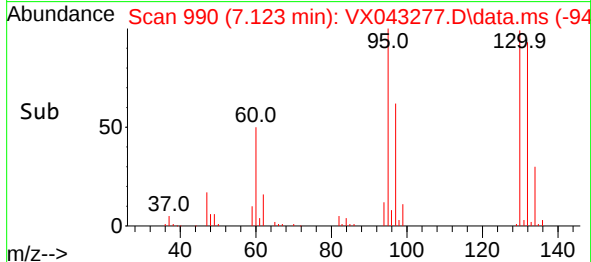
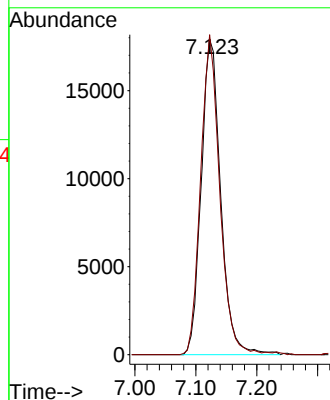
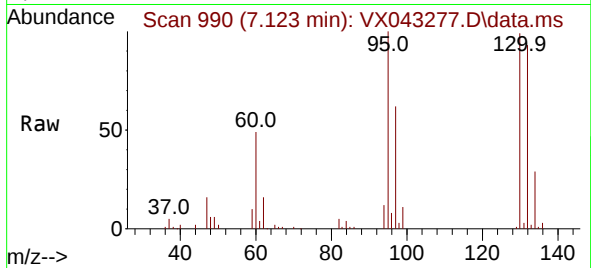




#44
Trichloroethene
Concen: 36.112 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX043277.D
Acq: 04 Oct 2024 10:37

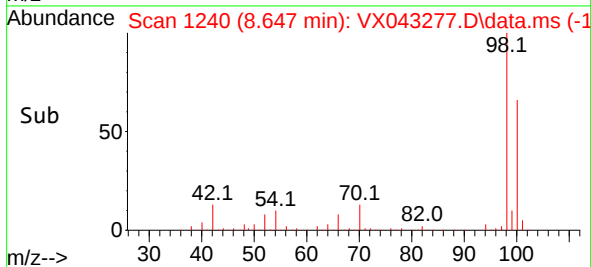
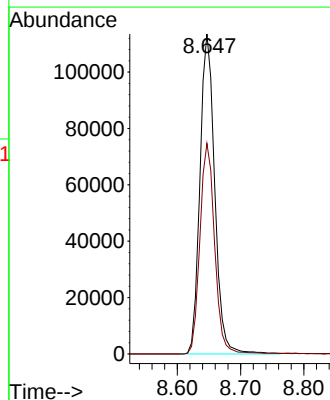
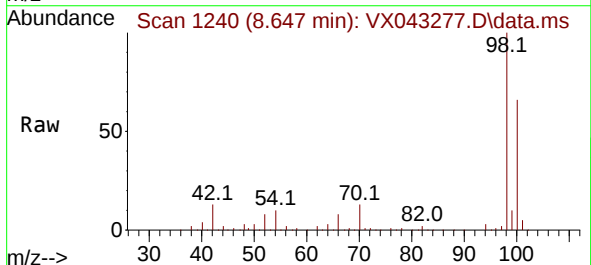
Instrument :
MSVOA_X
ClientSampleId :

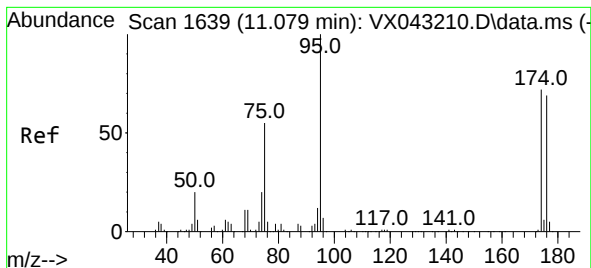
Tgt Ion:130 Resp: 39817
Ion Ratio Lower Upper
130 100
95 101.5 0.0 192.2



#50
Toluene-d8
Concen: 49.131 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX043277.D
Acq: 04 Oct 2024 10:37

Tgt Ion: 98 Resp: 184787
Ion Ratio Lower Upper
98 100
100 65.7 52.4 78.6

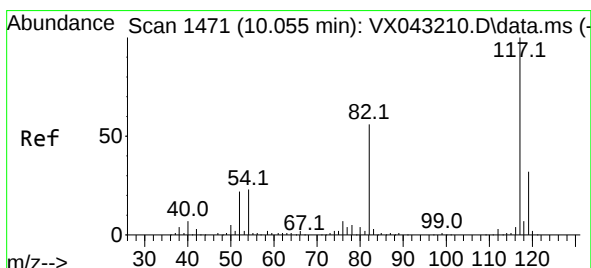
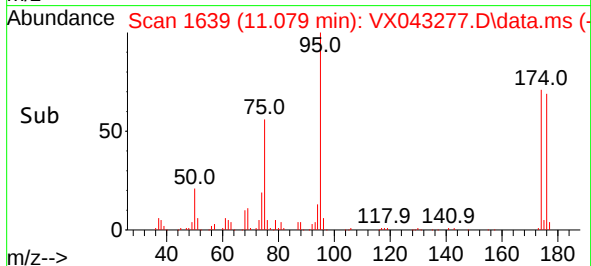
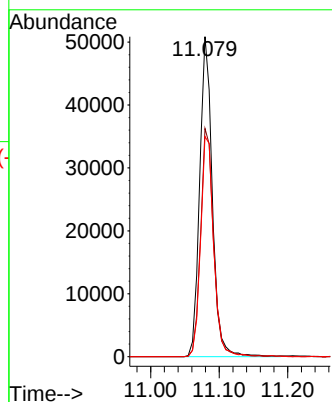
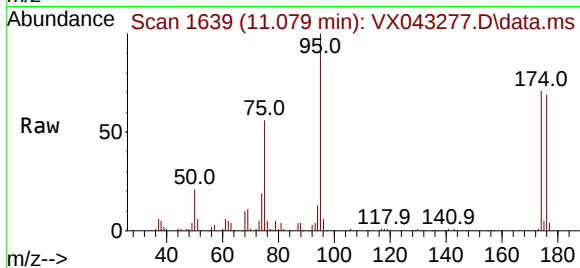




#62
4-Bromofluorobenzene
Concen: 48.024 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX043277.D
Acq: 04 Oct 2024 10:37

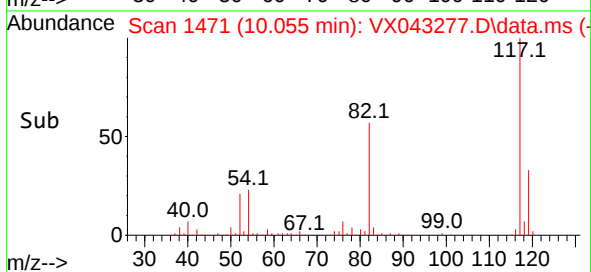
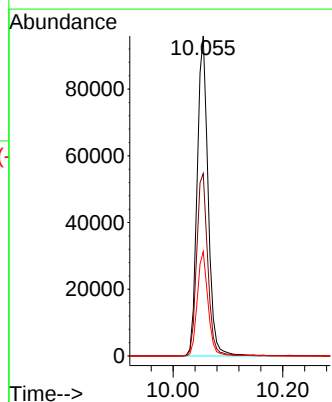
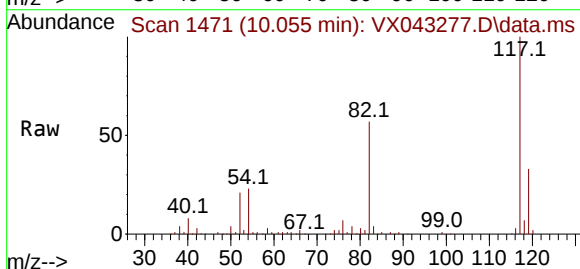
Instrument :
MSVOA_X
ClientSampleId :

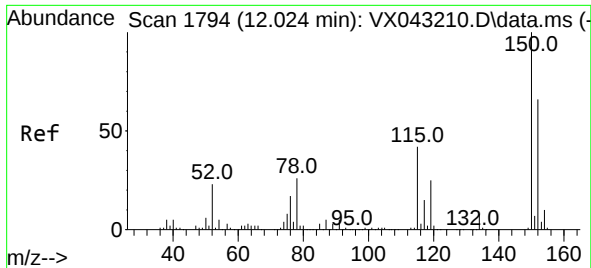
Tgt Ion: 95 Resp: 65619
Ion Ratio Lower Upper
95 100
174 72.7 0.0 145.0
176 71.3 0.0 143.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX043277.D
Acq: 04 Oct 2024 10:37

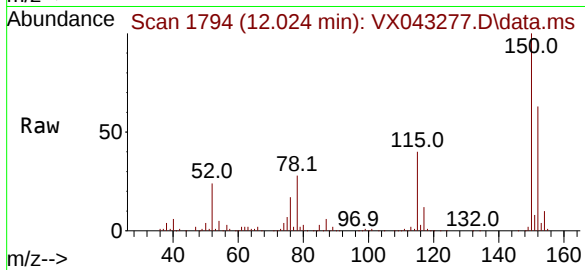
Tgt Ion: 117 Resp: 133784
Ion Ratio Lower Upper
117 100
82 57.0 45.0 67.6
119 32.6 25.3 37.9



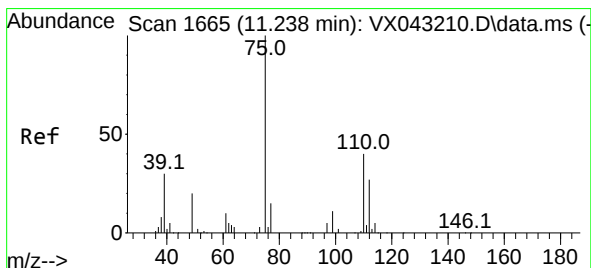
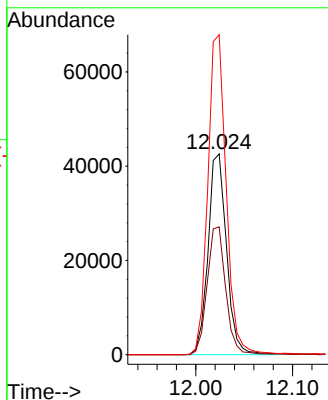
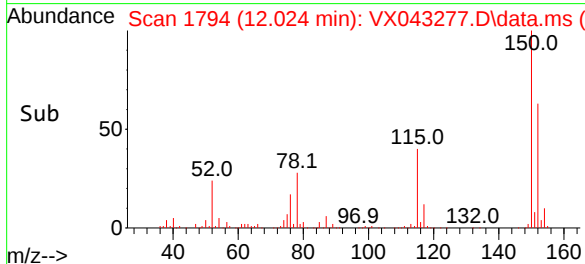


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX043277.D
Acq: 04 Oct 2024 10:37

Instrument :
MSVOA_X
ClientSampleId :

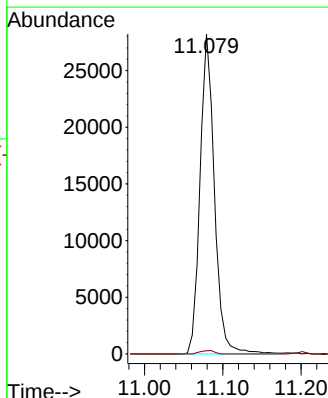
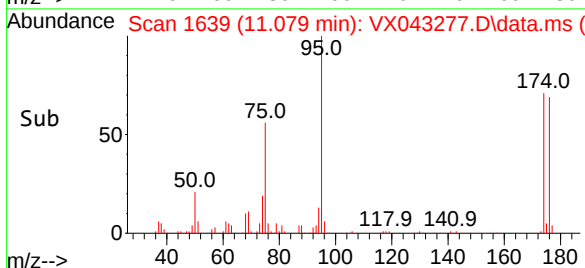
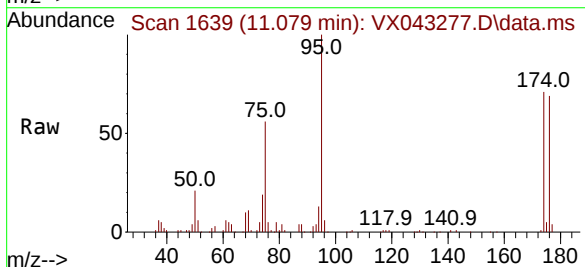


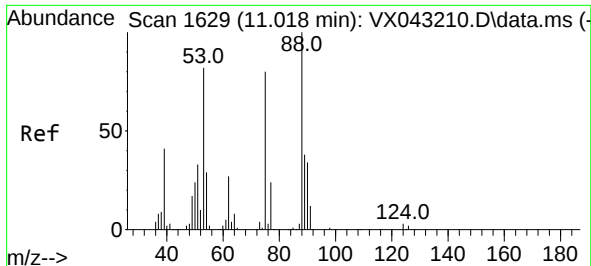
Tgt Ion:152 Resp: 56824
Ion Ratio Lower Upper
152 100
115 64.0 44.1 132.3
150 159.5 0.0 347.4



#76
1,2,3-Trichloropropane
Concen: 28.587 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX043277.D
Acq: 04 Oct 2024 10:37

Tgt Ion: 75 Resp: 36031
Ion Ratio Lower Upper
75 100
77 1.1 22.0 66.0#

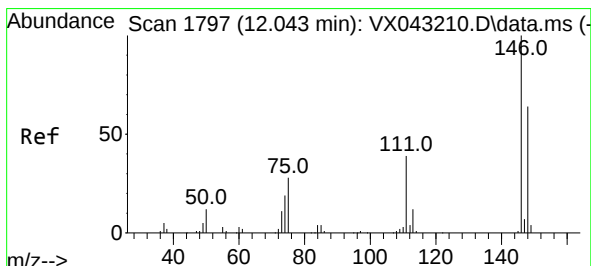
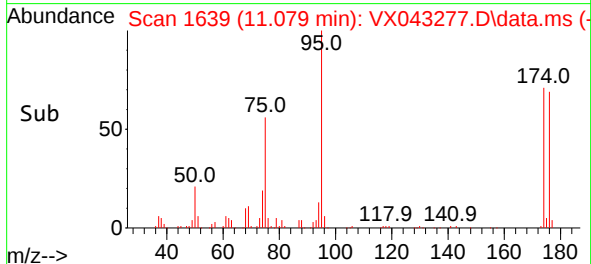
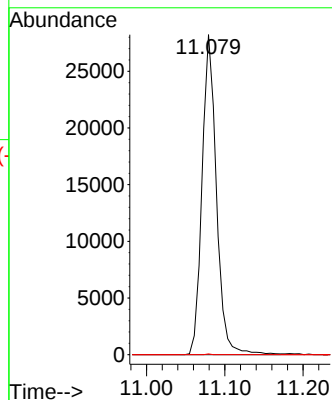
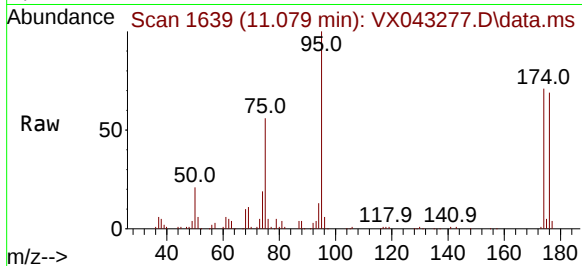




#81
trans-1,4-Dichloro-2-butene
Concen: 74.086 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX043277.D
Acq: 04 Oct 2024 10:37

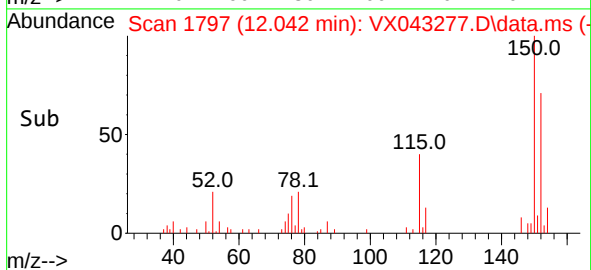
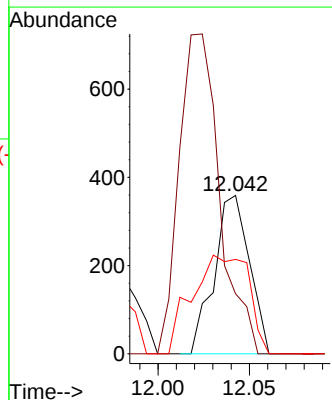
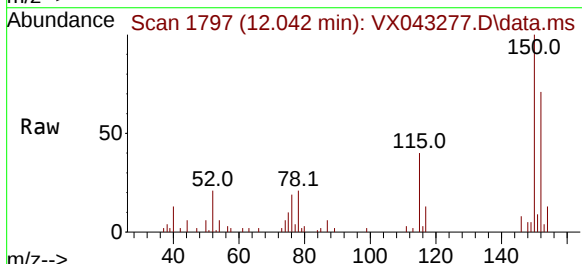
Instrument :
MSVOA_X
ClientSampleId :

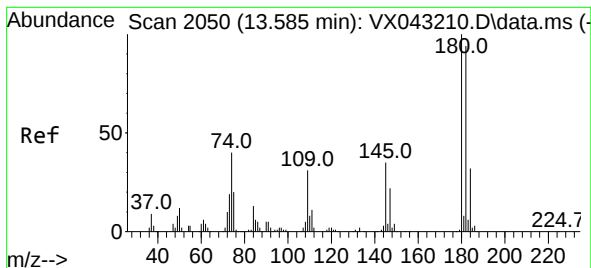
Tgt Ion: 75 Resp: 36031
Ion Ratio Lower Upper
75 100
53 0.0 83.9 125.9#
89 0.1 38.6 58.0#



#88
1,4-Dichlorobenzene
Concen: 0.246 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX043277.D
Acq: 04 Oct 2024 10:37

Tgt Ion:146 Resp: 481
Ion Ratio Lower Upper
146 100
111 231.6 20.8 62.5#
148 100.0 32.4 97.0#





#93

1,2,4-Trichlorobenzene

Concen: 0.376 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX043277.D

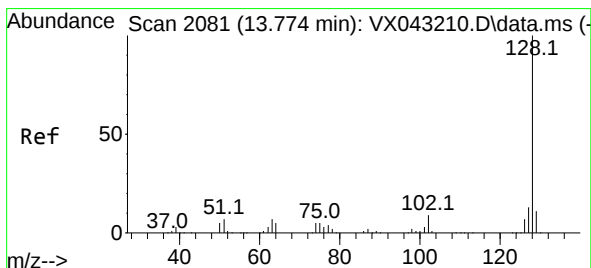
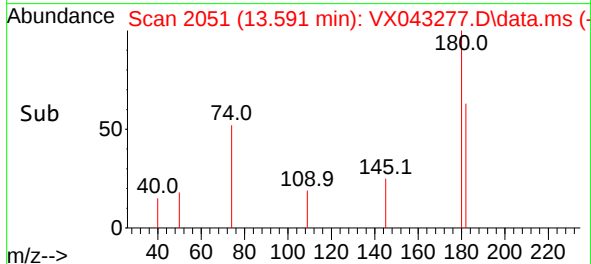
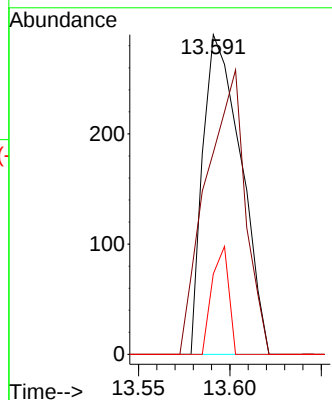
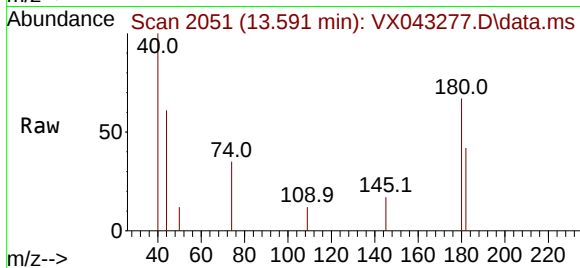
Acq: 04 Oct 2024 10:37

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:180	Resp:	420
Ion Ratio	Lower	Upper
180	100	
182	91.4	47.1 141.3
145	15.0	16.6 49.8#



#95

Naphthalene

Concen: 0.713 ug/l

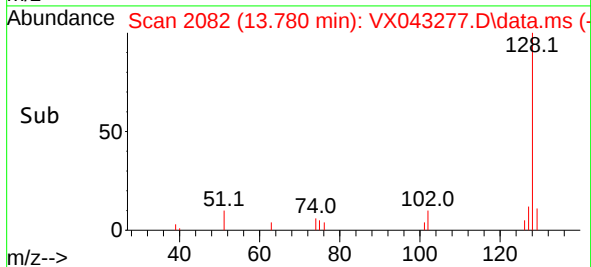
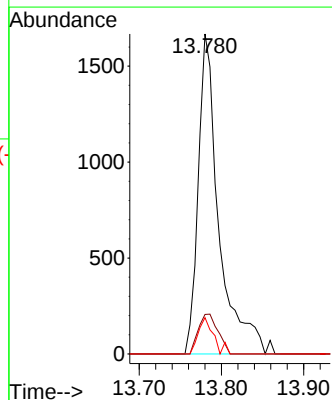
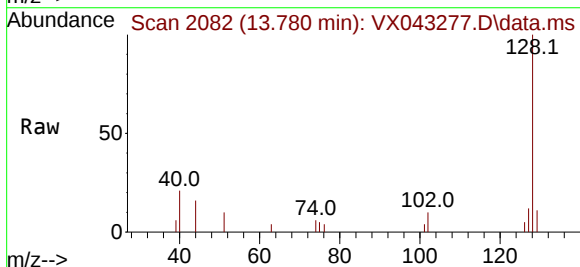
RT: 13.780 min Scan# 2082

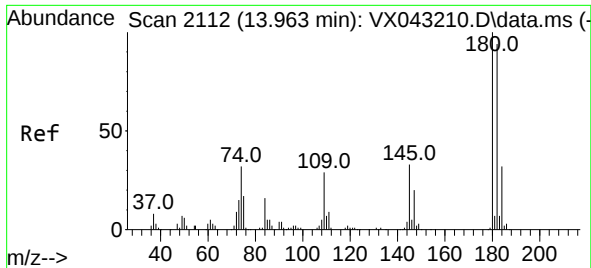
Delta R.T. 0.006 min

Lab File: VX043277.D

Acq: 04 Oct 2024 10:37

Tgt Ion:128	Resp:	2927
Ion Ratio	Lower	Upper
128	100	
127	11.8	10.2 15.2
129	8.3	8.6 13.0#





#96

1,2,3-Trichlorobenzene

Concen: 0.391 ug/l

RT: 13.969 min Scan# 2113

Delta R.T. 0.006 min

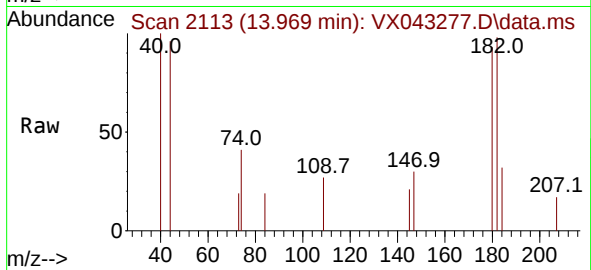
Lab File: VX043277.D

Acq: 04 Oct 2024 10:37

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 450

Ion Ratio Lower Upper

180 100

182 106.7 46.5 139.3

145 27.6 17.2 51.6

