

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100424\
 Data File : VX043285.D
 Acq On : 04 Oct 2024 13:42
 Operator : JC/MD
 Sample : P4263-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT162S1-20241001

Quant Time: Oct 04 23:30:02 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)

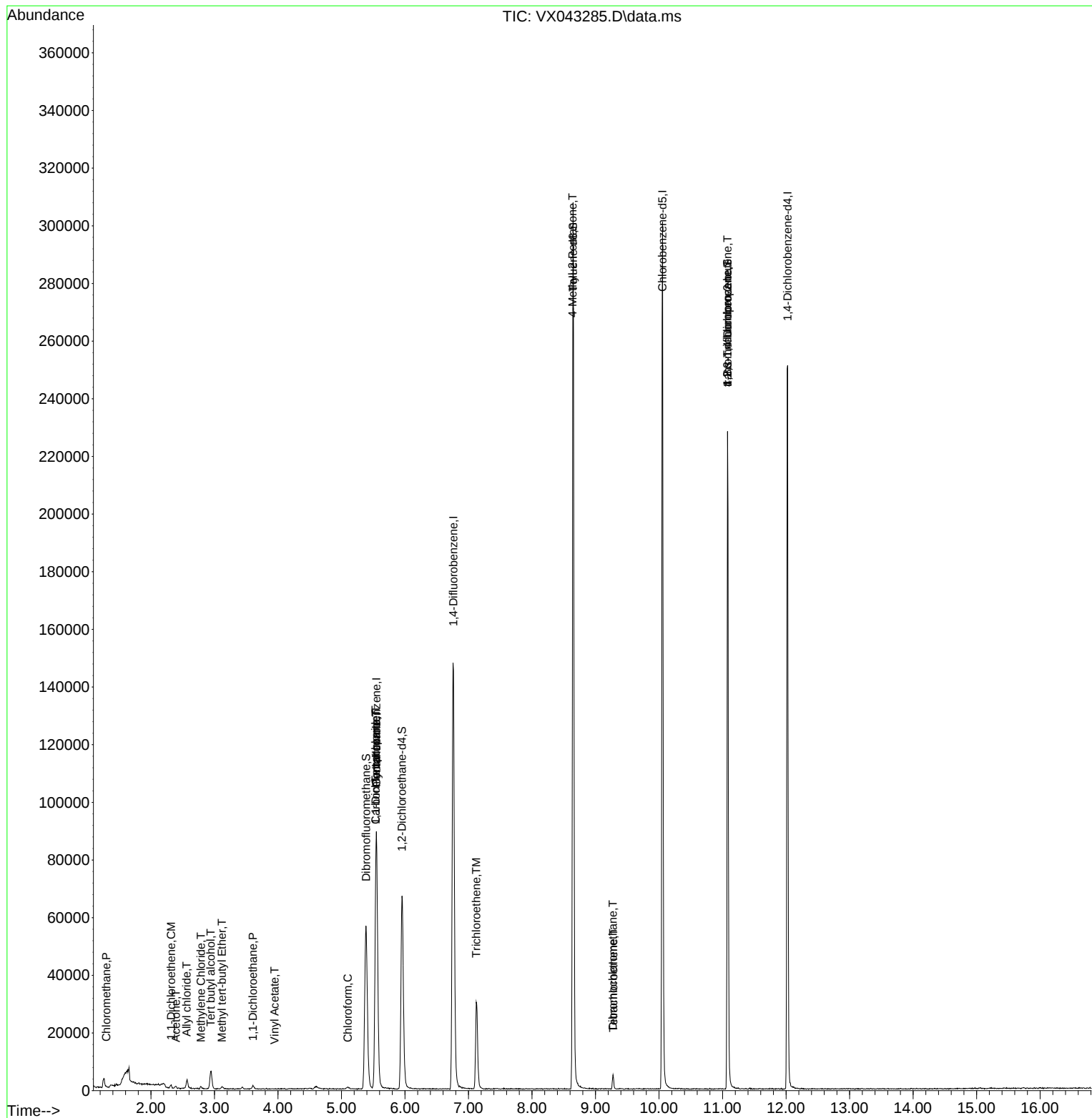
Internal Standards						
1) Pentafluorobenzene	5.550	168	80551	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	152377	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	127862	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	52777	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	69394	52.750	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	105.500%
35) Dibromofluoromethane	5.385	113	50014	47.594	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.180%
50) Toluene-d8	8.647	98	181251	49.771	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.540%
62) 4-Bromofluorobenzene	11.079	95	62302	47.091	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	94.180%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	225	0.233	ug/l	100
11) Tert butyl alcohol	2.940	59	3719	14.856	ug/l #	71
12) 1,1-Dichloroethene	2.319	96	406	0.454	ug/l #	60
14) Allyl chloride	2.562	41	421	0.286	ug/l #	26
16) Acetone	2.392	43	976	1.777	ug/l #	71
19) Methyl tert-butyl Ether	3.117	73	698	0.218	ug/l #	90
20) Methylene Chloride	2.788	84	349	0.345	ug/l	91
23) Vinyl Acetate	3.946	43	19	6.345	ug/l #	71
24) 1,1-Dichloroethane	3.605	63	1496	0.868	ug/l #	81
30) Chloroform	5.099	83	917	0.485	ug/l	85
31) Cyclohexane	5.550	56	1939	1.366	ug/l #	10
36) 1,1-Dichloropropene	5.537	75	7016	5.285	ug/l #	50
38) Carbon Tetrachloride	5.537	117	9099	5.790	ug/l #	14
44) Trichloroethene	7.123	130	12223	11.449	ug/l	94
51) 4-Methyl-2-Pentanone	8.641	43	1002	0.627	ug/l #	1
60) Dibromochloromethane	9.275	129	960	0.825	ug/l #	11
64) Tetrachloroethene	9.281	164	857	0.966	ug/l #	70
76) 1,2,3-Trichloropropane	11.079	75	34818	29.742	ug/l #	33
81) trans-1,4-Dichloro-2-b...	11.079	75	34818	77.082	ug/l #	8

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

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Quant Time: Oct 04 23:30:02 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

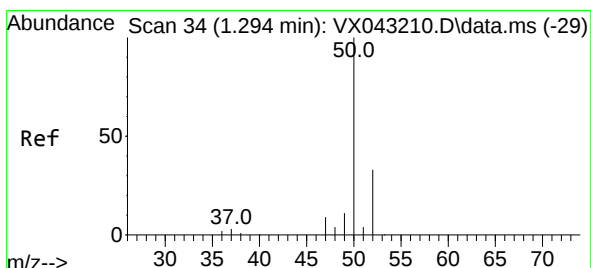
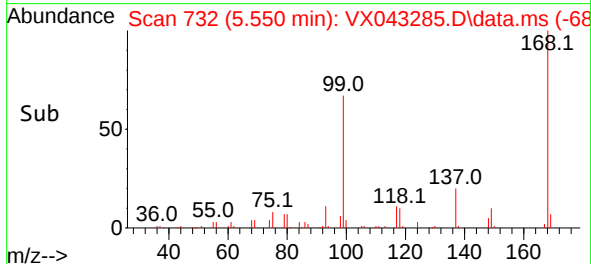
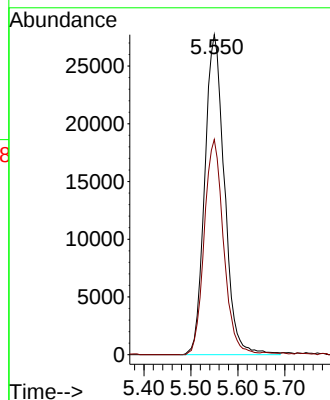
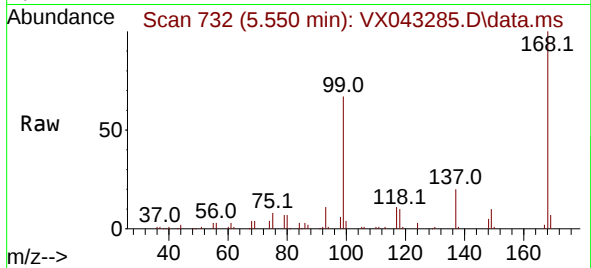




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043285.D
Acq: 04 Oct 2024 13:42

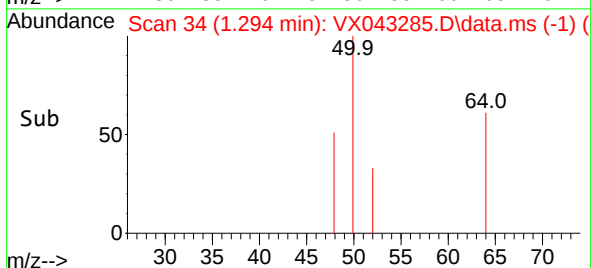
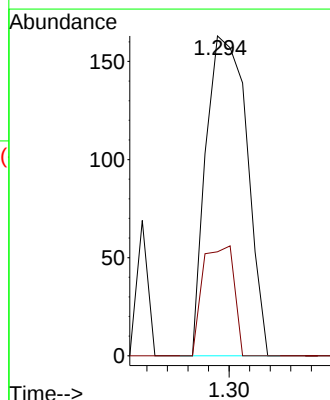
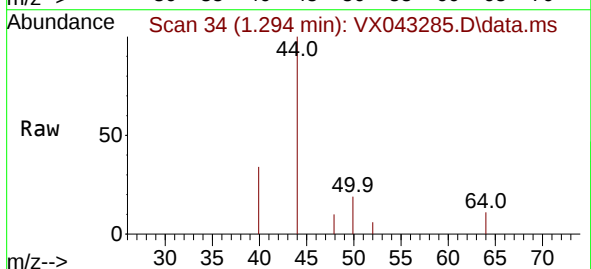
Instrument :
MSVOA_X
ClientSampleId :
TT162S1-20241001

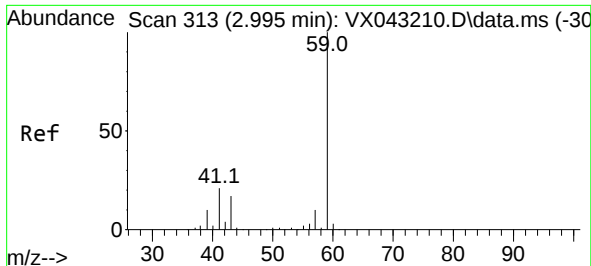
Tgt Ion:168 Resp: 80551
Ion Ratio Lower Upper
168 100
99 67.2 49.7 74.5



#3
Chloromethane
Concen: 0.233 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX043285.D
Acq: 04 Oct 2024 13:42

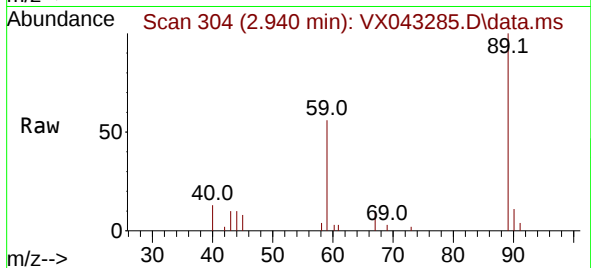
Tgt Ion: 50 Resp: 225
Ion Ratio Lower Upper
50 100
52 32.5 26.1 39.1



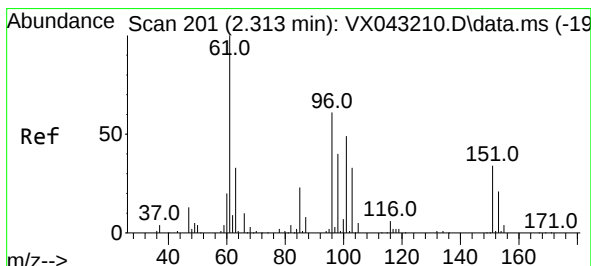
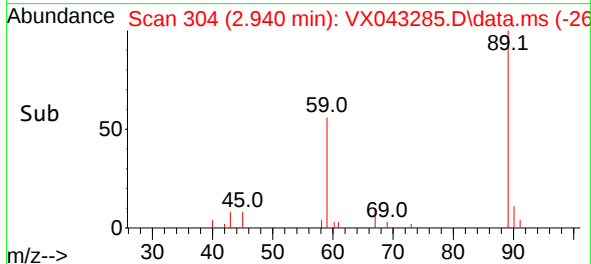
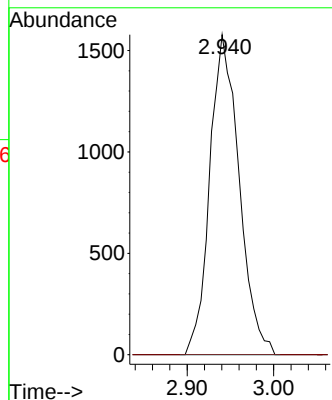


#11
Tert butyl alcohol
Concen: 14.856 ug/l
RT: 2.940 min Scan# 30
Delta R.T. -0.055 min
Lab File: VX043285.D
Acq: 04 Oct 2024 13:42

Instrument :
MSVOA_X
ClientSampleId :
TT162S1-20241001

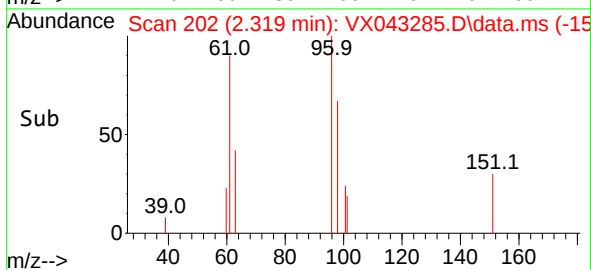
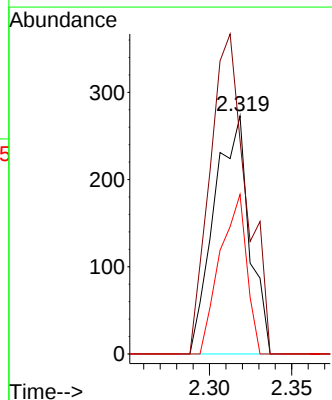
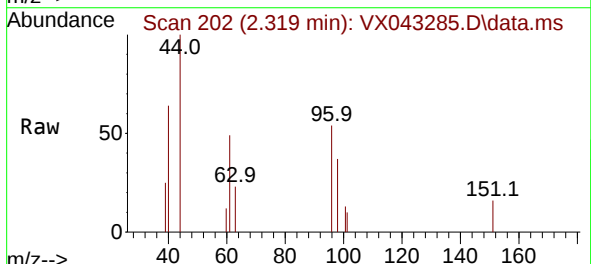


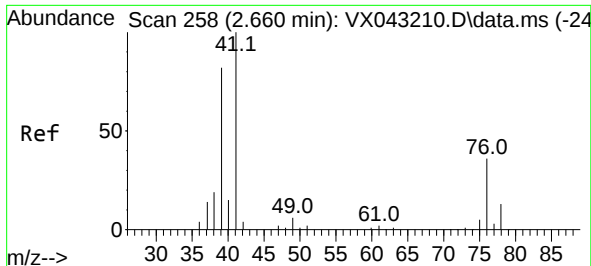
Tgt Ion: 59 Resp: 3719
Ion Ratio Lower Upper
59 100
57 0.0 8.6 13.0#



#12
1,1-Dichloroethene
Concen: 0.454 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX043285.D
Acq: 04 Oct 2024 13:42

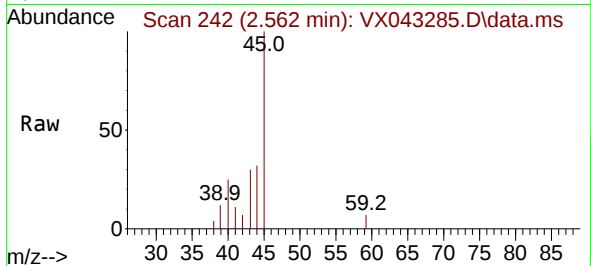
Tgt Ion: 96 Resp: 406
Ion Ratio Lower Upper
96 100
61 89.7 130.6 195.8#
98 67.0 51.7 77.5



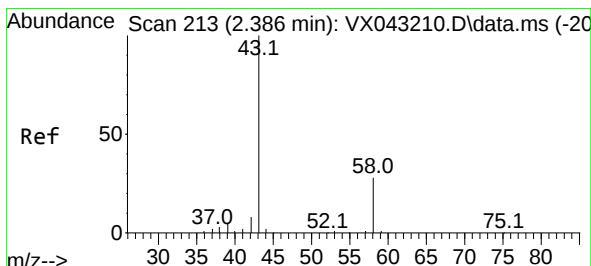
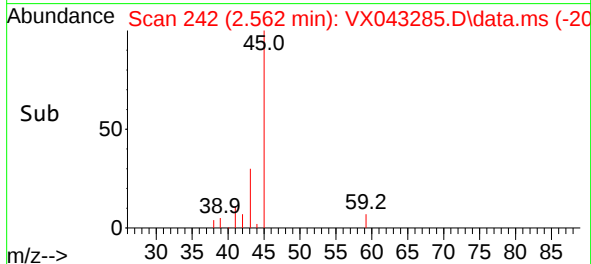
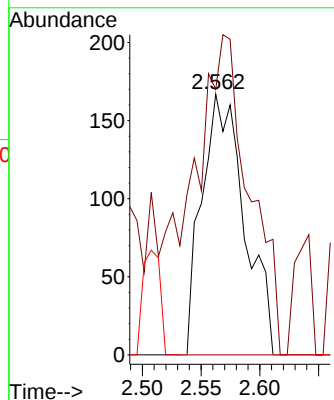


#14
 Allyl chloride
 Concen: 0.286 ug/l
 RT: 2.562 min Scan# 24
 Delta R.T. -0.098 min
 Lab File: VX043285.D
 Acq: 04 Oct 2024 13:42

Instrument :
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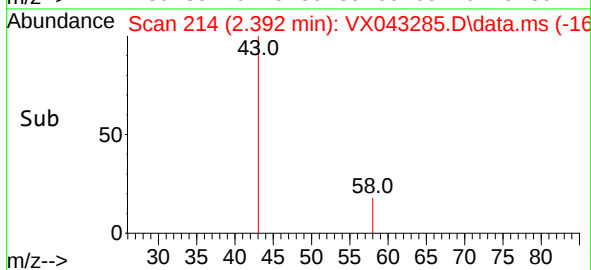
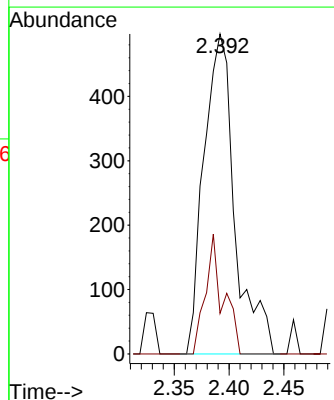
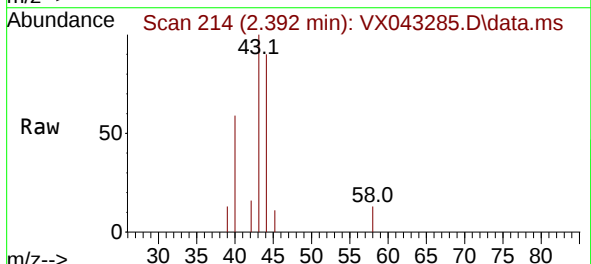


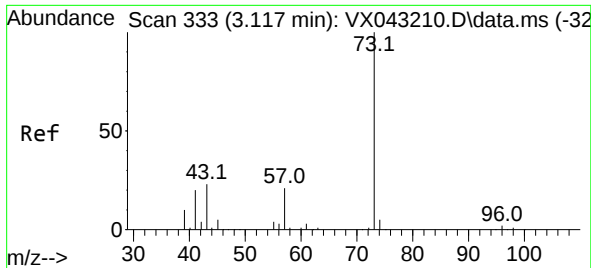
Tgt Ion	Ratio	Lower	Upper
41	100		
39	146.1	61.7	92.5#
76	0.0	28.6	43.0#



#16
 Acetone
 Concen: 1.777 ug/l
 RT: 2.392 min Scan# 214
 Delta R.T. 0.006 min
 Lab File: VX043285.D
 Acq: 04 Oct 2024 13:42

Tgt Ion	Ratio	Lower	Upper
43	100		
58	12.7	22.6	33.8#

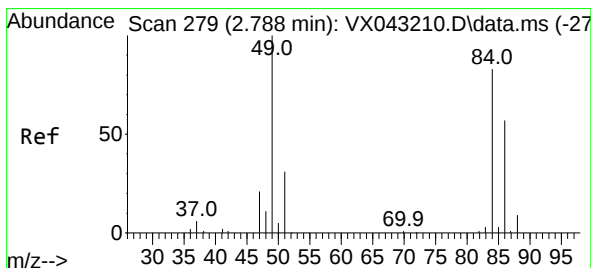
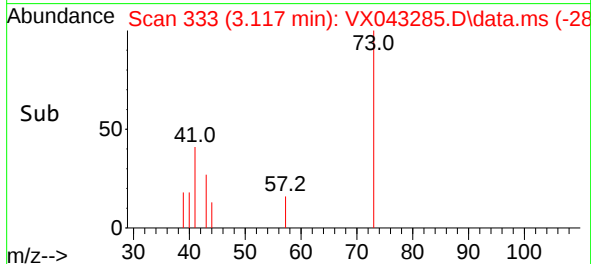
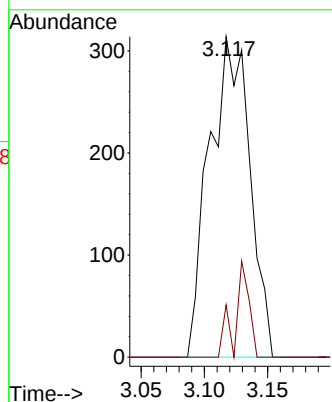
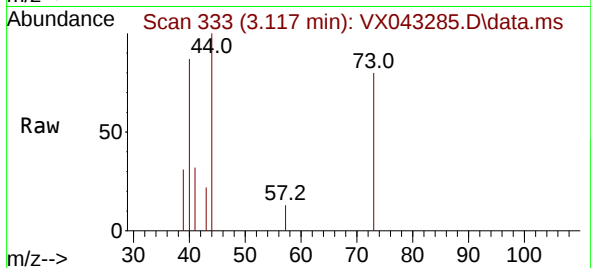




#19
Methyl tert-butyl Ether
Concen: 0.218 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX043285.D
Acq: 04 Oct 2024 13:42

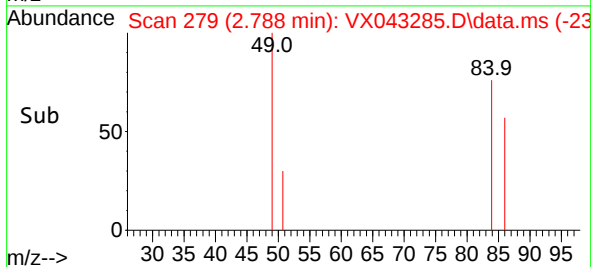
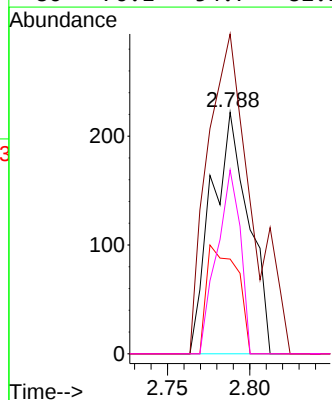
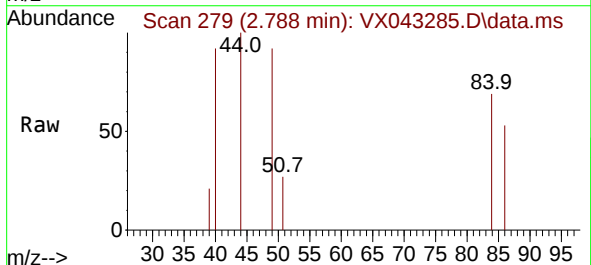
Instrument :
MSVOA_X
ClientSampleId :
TT162S1-20241001

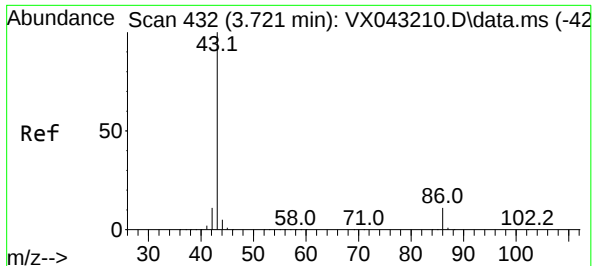
Tgt Ion: 73 Resp: 698
Ion Ratio Lower Upper
73 100
57 16.2 16.7 25.1#



#20
Methylene Chloride
Concen: 0.345 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX043285.D
Acq: 04 Oct 2024 13:42

Tgt Ion: 84 Resp: 349
Ion Ratio Lower Upper
84 100
49 132.4 96.7 145.1
51 39.2 30.4 45.6
86 76.1 54.7 82.1

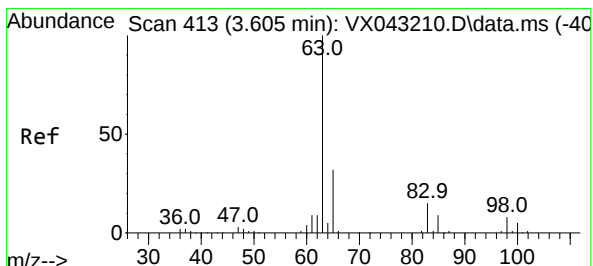
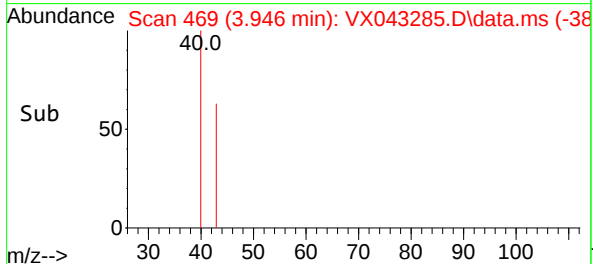
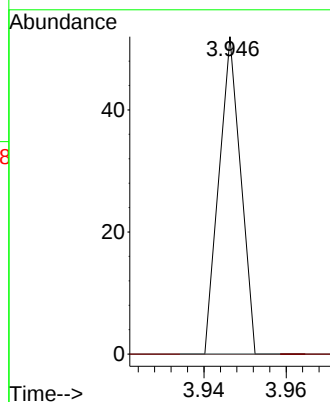
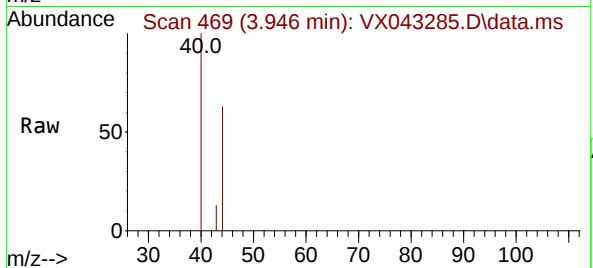




#23
 Vinyl Acetate
 Concen: 6.345 ug/l
 RT: 3.946 min Scan# 410
 Delta R.T. 0.225 min
 Lab File: VX043285.D
 Acq: 04 Oct 2024 13:42

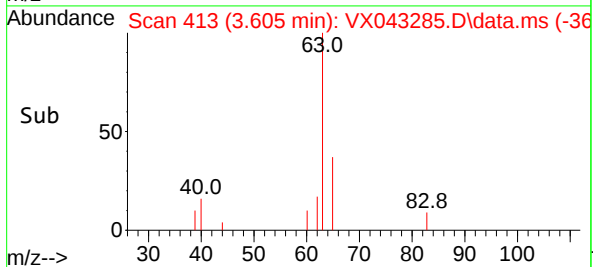
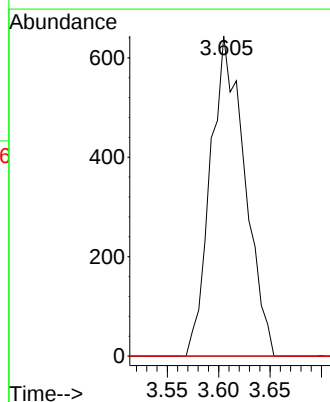
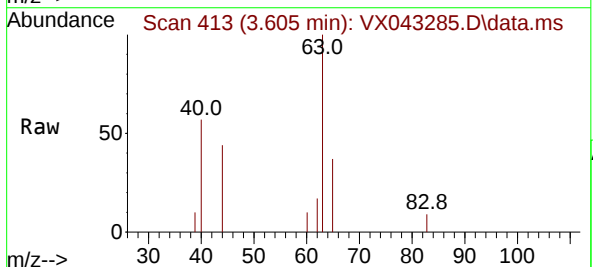
Instrument :
 MSVOA_X
 ClientSampleId :
 TT162S1-20241001

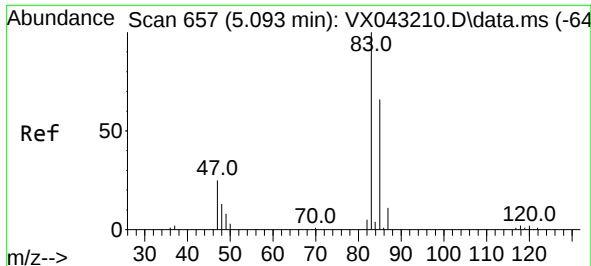
Tgt Ion: 43 Resp: 19
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.8 13.2#



#24
 1,1-Dichloroethane
 Concen: 0.868 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX043285.D
 Acq: 04 Oct 2024 13:42

Tgt Ion: 63 Resp: 1496
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.8 11.2#
 100 0.0 2.5 7.4#

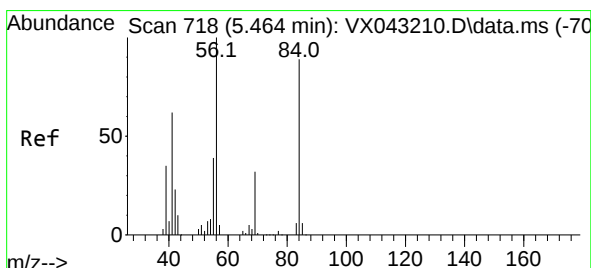
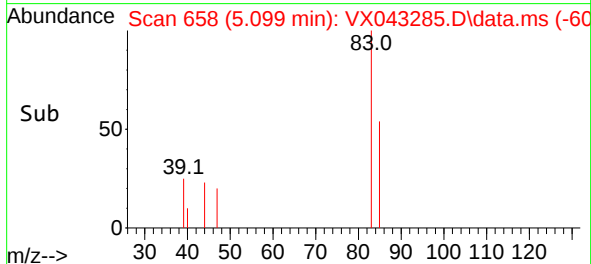
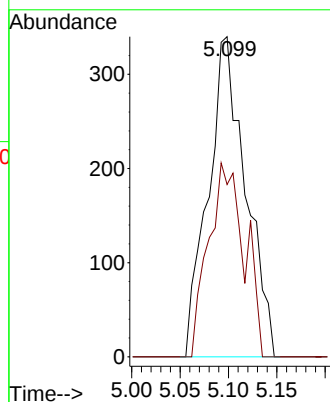
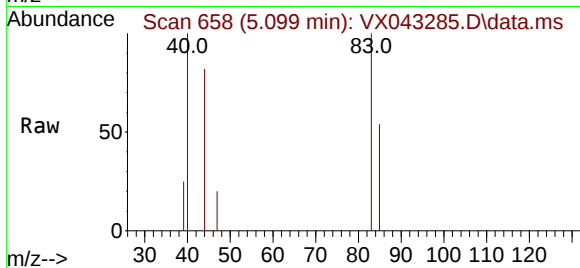




#30
Chloroform
Concen: 0.485 ug/l
RT: 5.099 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX043285.D
Acq: 04 Oct 2024 13:42

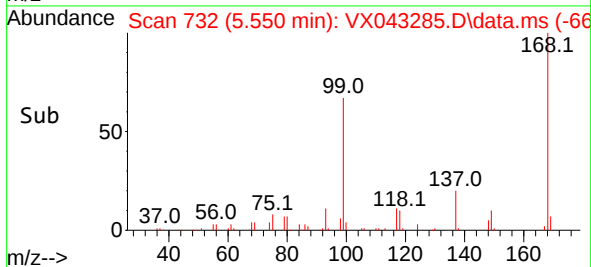
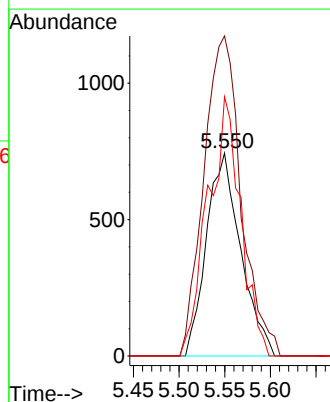
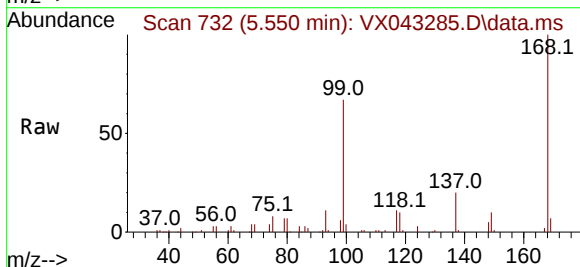
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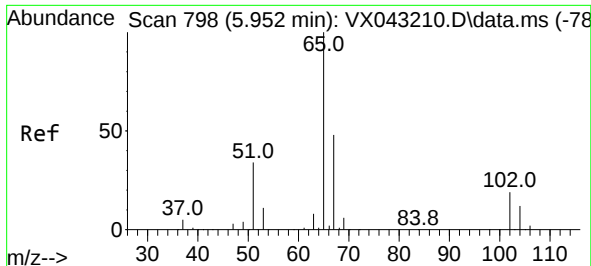
Tgt Ion: 83 Resp: 917
Ion Ratio Lower Upper
83 100
85 53.8 52.5 78.7



#31
Cyclohexane
Concen: 1.366 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.085 min
Lab File: VX043285.D
Acq: 04 Oct 2024 13:42

Tgt Ion: 56 Resp: 1939
Ion Ratio Lower Upper
56 100
69 157.7 25.8 38.6#
84 127.7 71.1 106.7#

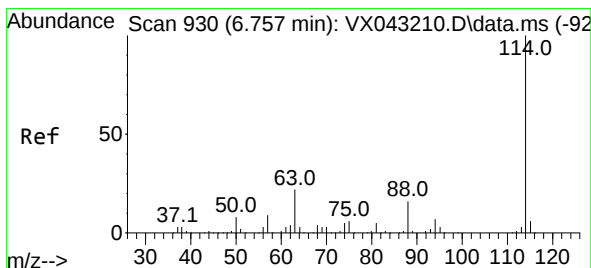
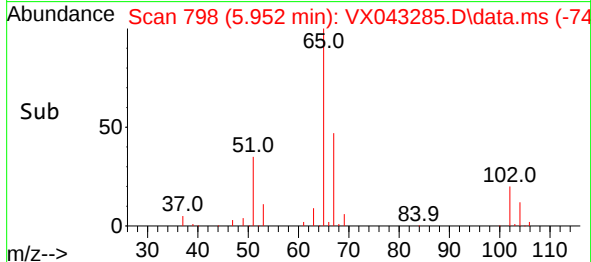
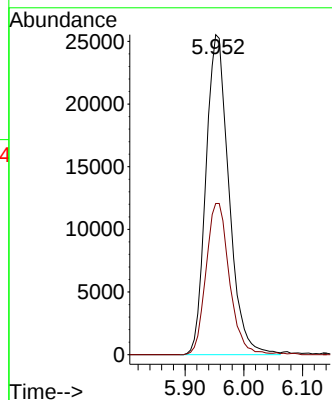
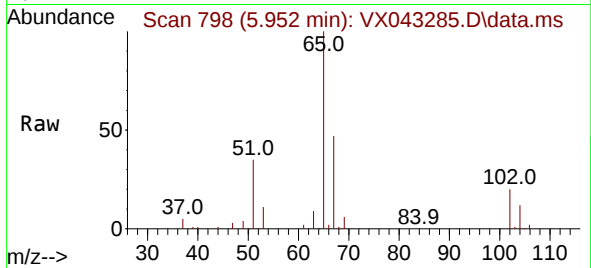




#33
 1,2-Dichloroethane-d4
 Concen: 52.750 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. -0.000 min
 Lab File: VX043285.D
 Acq: 04 Oct 2024 13:42

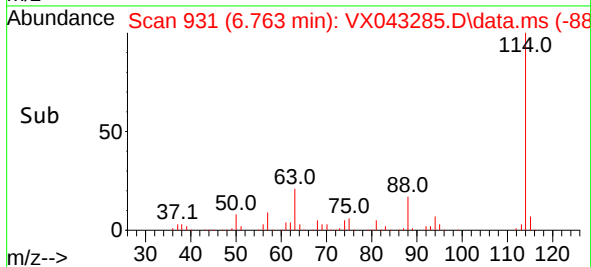
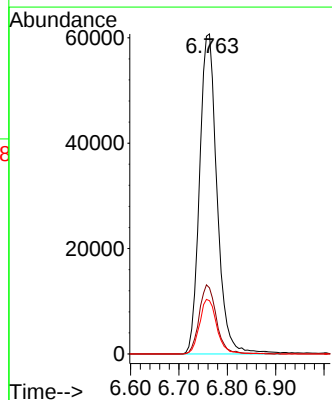
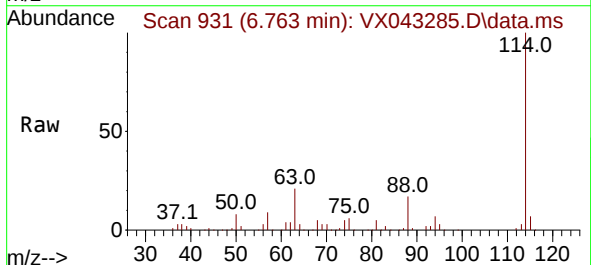
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 TT162S1-20241001

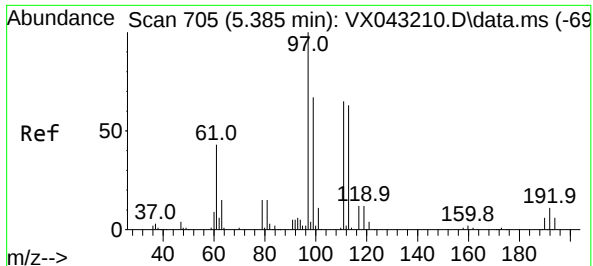
Tgt Ion: 65 Resp: 69394
 Ion Ratio Lower Upper
 65 100
 67 47.9 0.0 99.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.006 min
 Lab File: VX043285.D
 Acq: 04 Oct 2024 13:42

Tgt Ion: 114 Resp: 152377
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 43.0
 88 16.6 0.0 33.0

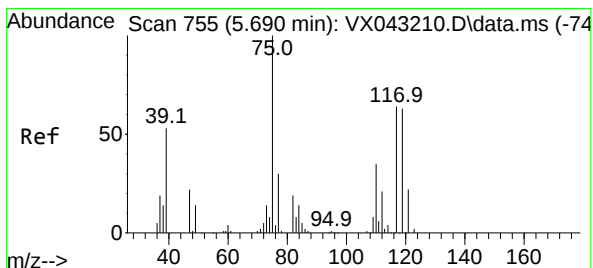
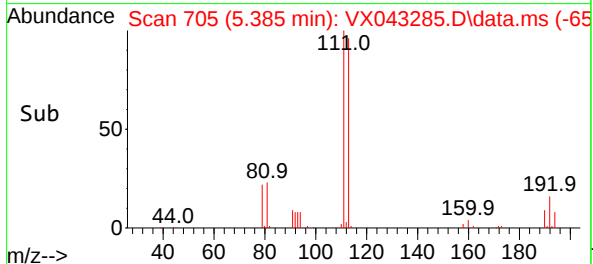
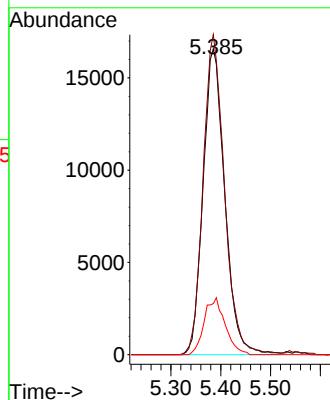
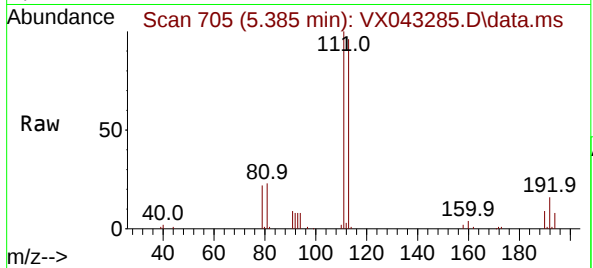




#35
 Dibromofluoromethane
 Concen: 47.594 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. -0.000 min
 Lab File: VX043285.D
 Acq: 04 Oct 2024 13:42

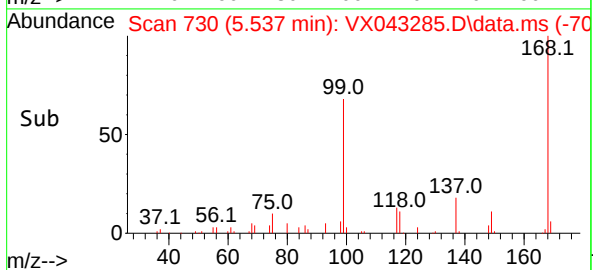
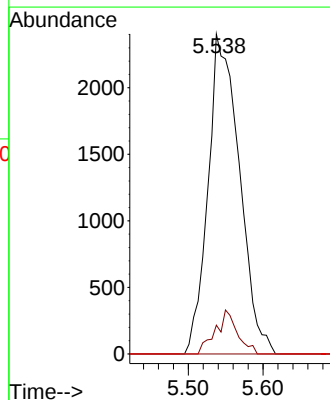
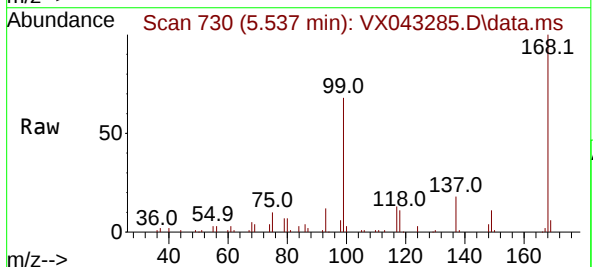
Instrument :
 MSVOA_X
 ClientSampleId :
 TT162S1-20241001

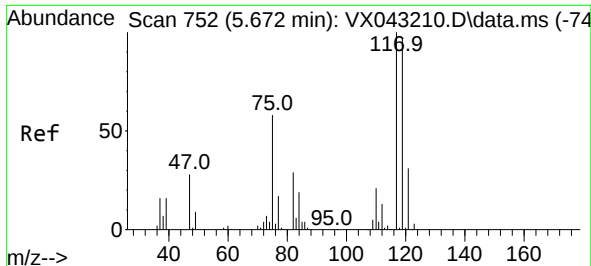
Tgt Ion:113 Resp: 50014
 Ion Ratio Lower Upper
 113 100
 111 103.0 83.4 125.0
 192 18.0 14.1 21.1



#36
 1,1-Dichloropropene
 Concen: 5.285 ug/l
 RT: 5.537 min Scan# 730
 Delta R.T. -0.153 min
 Lab File: VX043285.D
 Acq: 04 Oct 2024 13:42

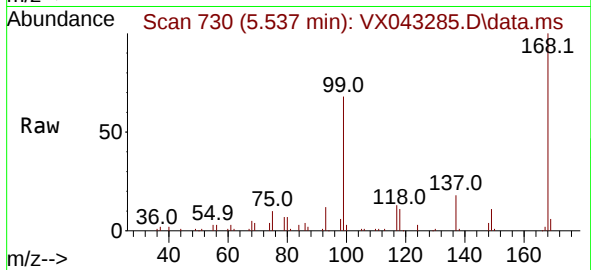
Tgt Ion: 75 Resp: 7016
 Ion Ratio Lower Upper
 75 100
 110 9.5 17.8 53.3#
 77 0.0 24.9 37.3#



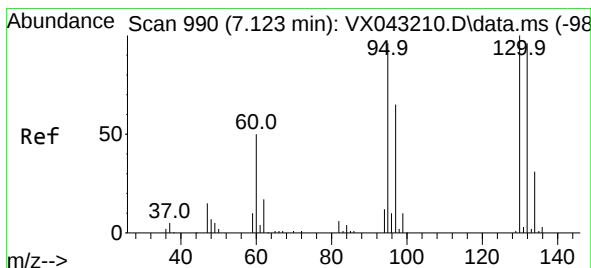
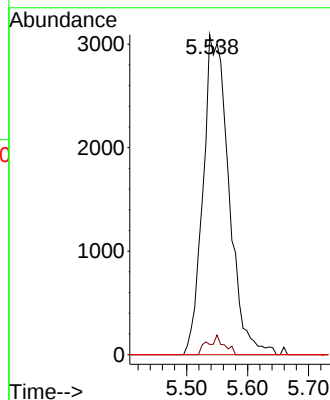
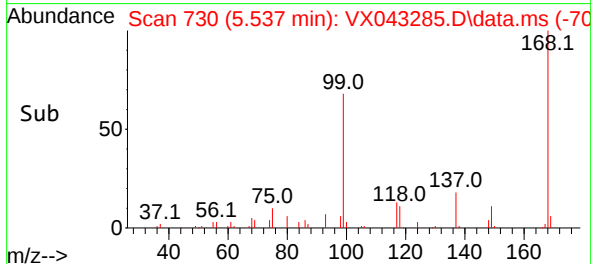


#38
Carbon Tetrachloride
Concen: 5.790 ug/l
RT: 5.537 min Scan# 711
Delta R.T. -0.134 min
Lab File: VX043285.D
Acq: 04 Oct 2024 13:42

Instrument :
MSVOA_X
ClientSampleId :
TT162S1-20241001

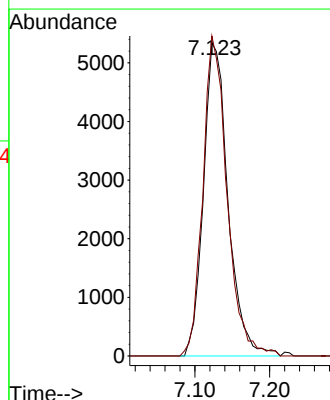
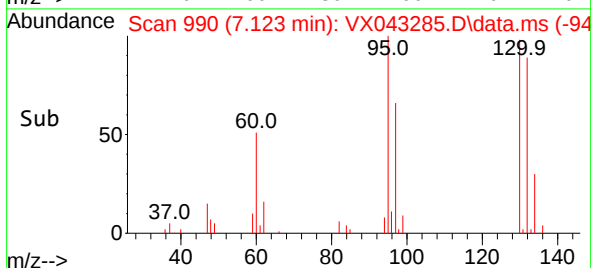
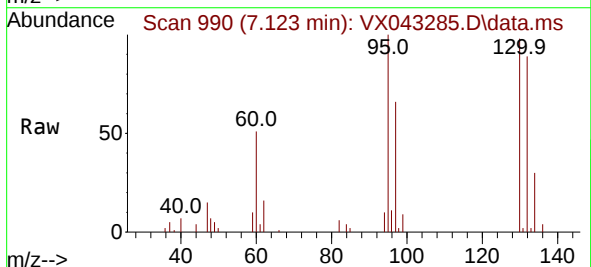


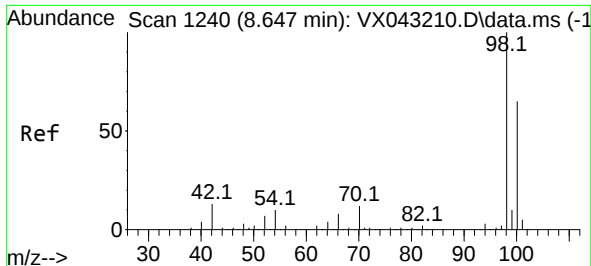
Tgt Ion:117 Resp: 9099
Ion Ratio Lower Upper
117 100
119 3.2 77.7 116.5#
121 0.0 24.3 36.5#



#44
Trichloroethene
Concen: 11.449 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX043285.D
Acq: 04 Oct 2024 13:42

Tgt Ion:130 Resp: 12223
Ion Ratio Lower Upper
130 100
95 102.2 0.0 192.2

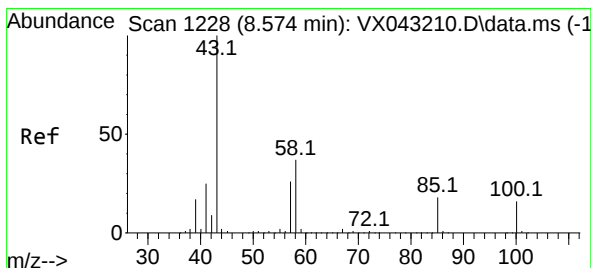
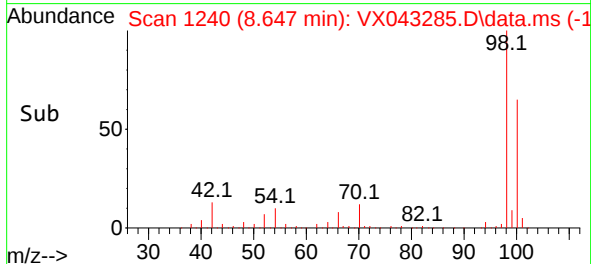
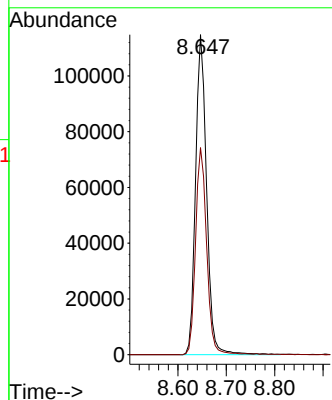
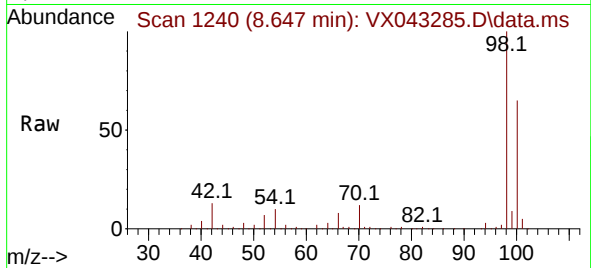




#50
Toluene-d8
Concen: 49.771 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX043285.D
Acq: 04 Oct 2024 13:42

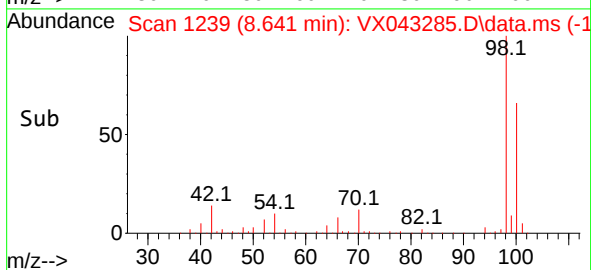
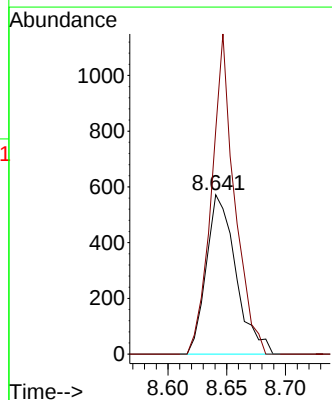
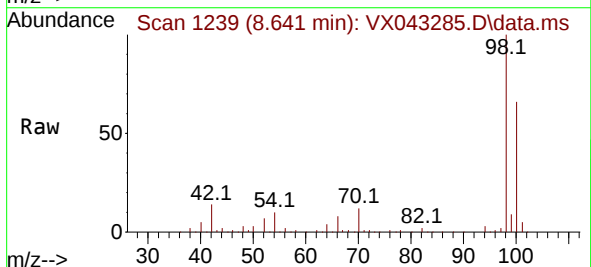
Instrument :
MSVOA_X
ClientSampleId :
TT162S1-20241001

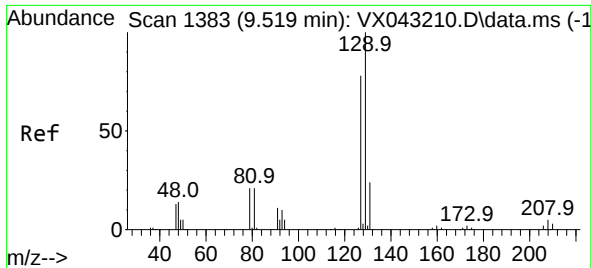
Tgt Ion: 98 Resp: 181251
Ion Ratio Lower Upper
98 100
100 65.1 52.4 78.6



#51
4-Methyl-2-Pentanone
Concen: 0.627 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX043285.D
Acq: 04 Oct 2024 13:42

Tgt Ion: 43 Resp: 1002
Ion Ratio Lower Upper
43 100
58 157.0 30.0 45.0#

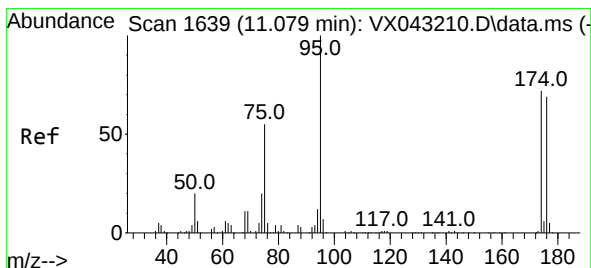
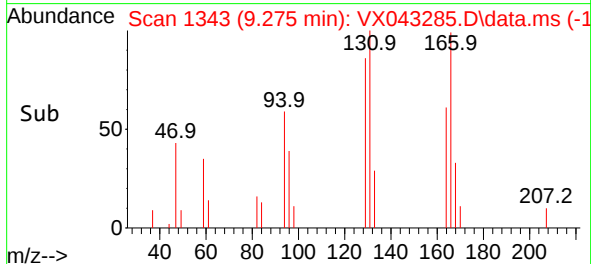
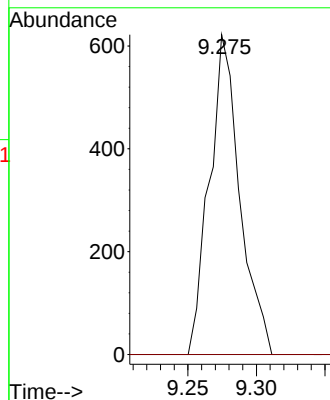
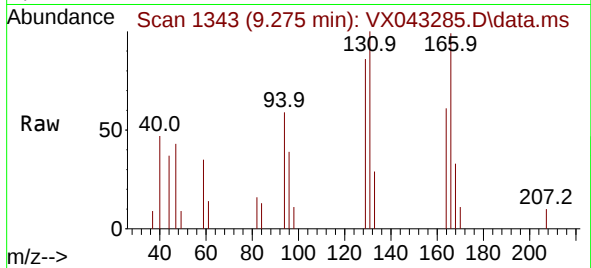




#60
Dibromochloromethane
Concen: 0.825 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.244 min
Lab File: VX043285.D
Acq: 04 Oct 2024 13:42

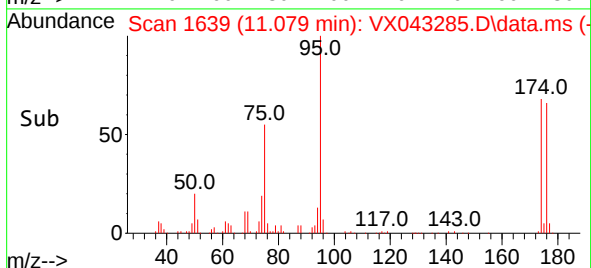
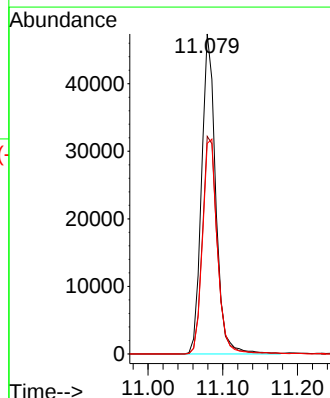
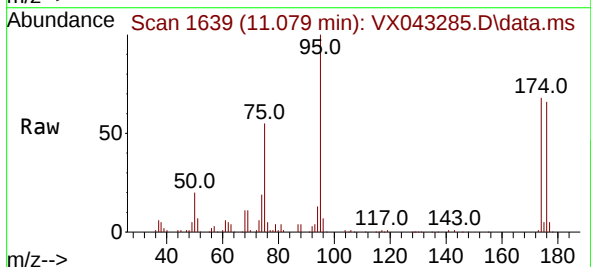
Instrument :
MSVOA_X
ClientSampleId :
TT162S1-20241001

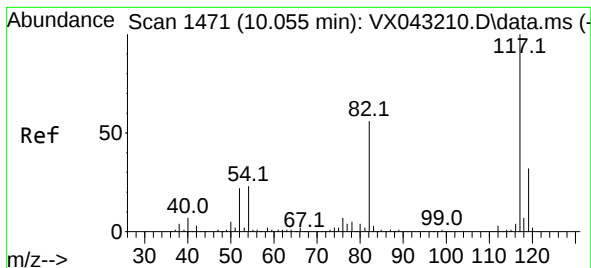
Tgt Ion:129 Resp: 960
Ion Ratio Lower Upper
129 100
127 0.0 38.3 114.9#



#62
4-Bromofluorobenzene
Concen: 47.091 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX043285.D
Acq: 04 Oct 2024 13:42

Tgt Ion: 95 Resp: 62302
Ion Ratio Lower Upper
95 100
174 71.4 0.0 145.0
176 70.5 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: VX043285.D

Acq: 04 Oct 2024 13:42

Instrument :

MSVOA_X

ClientSampleId :

TT162S1-20241001

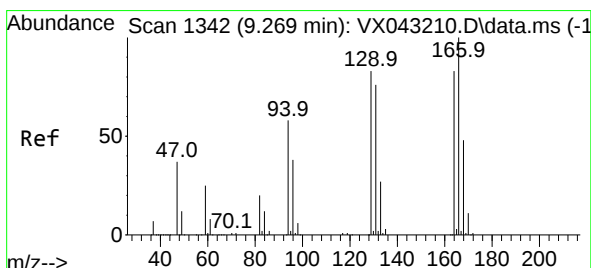
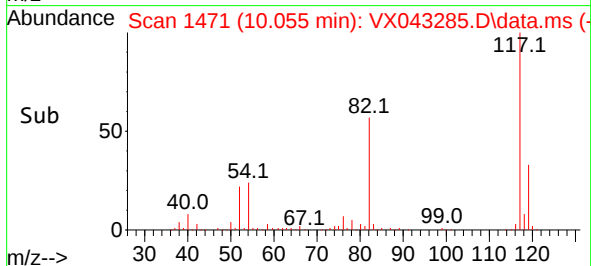
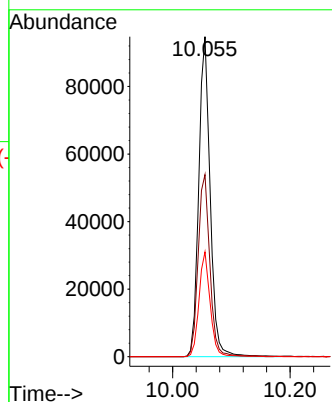
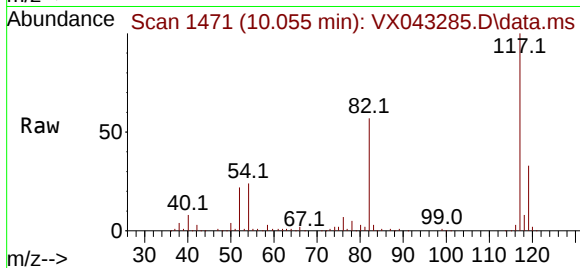
Tgt Ion:117 Resp: 127862

Ion Ratio Lower Upper

117 100

82 56.9 45.0 67.6

119 32.8 25.3 37.9



#64

Tetrachloroethene

Concen: 0.966 ug/l

RT: 9.281 min Scan# 1344

Delta R.T. 0.012 min

Lab File: VX043285.D

Acq: 04 Oct 2024 13:42

Tgt Ion:164 Resp: 857

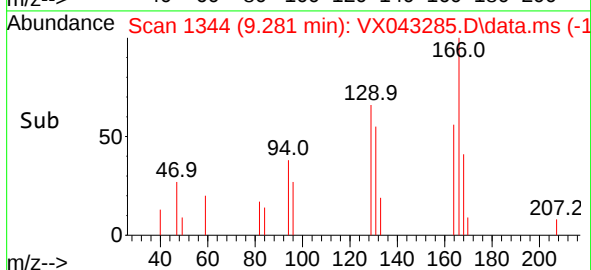
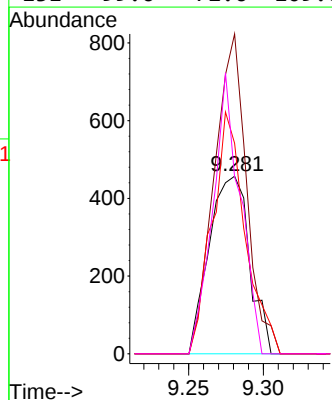
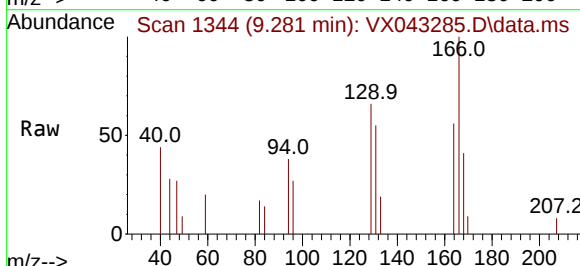
Ion Ratio Lower Upper

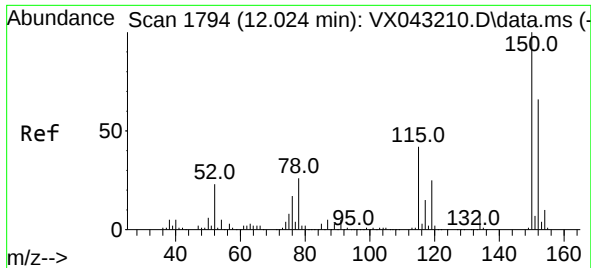
164 100

166 180.1 96.0 144.0#

129 118.6 79.4 119.0

131 99.6 72.6 109.0

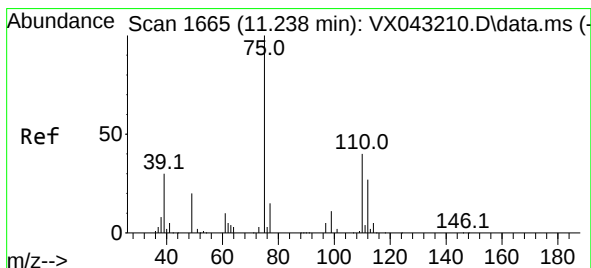
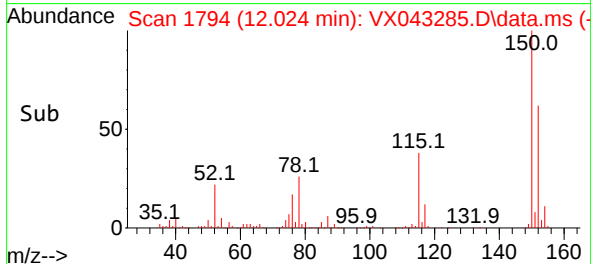
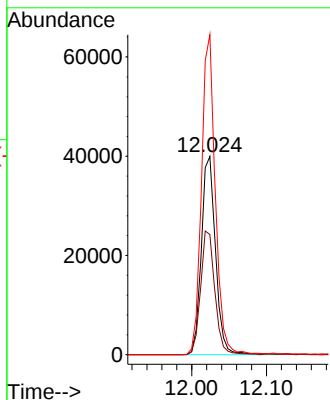
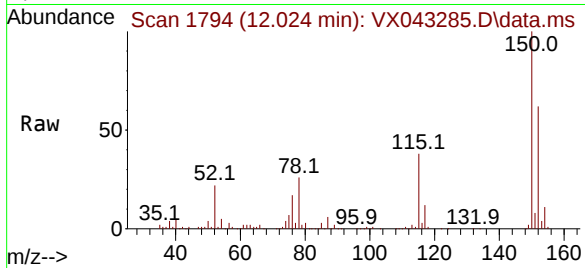




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX043285.D
Acq: 04 Oct 2024 13:42

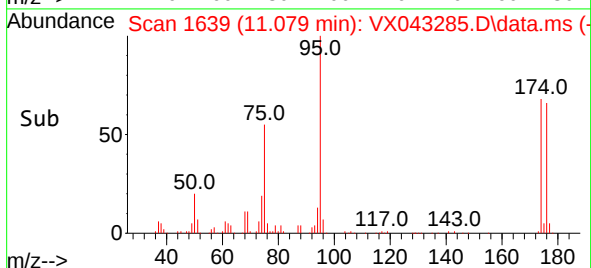
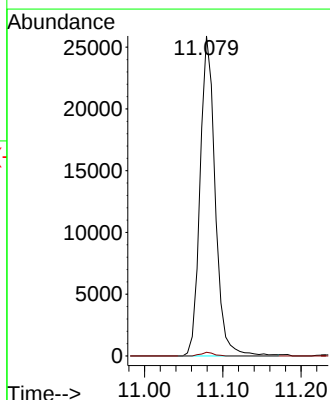
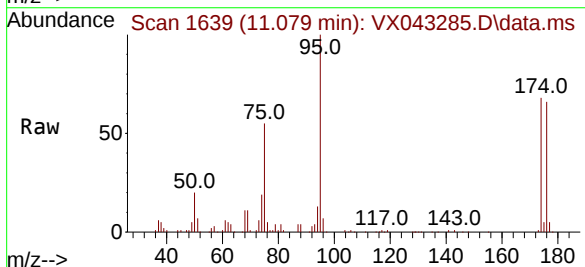
Instrument :
MSVOA_X
ClientSampleId :
TT162S1-20241001

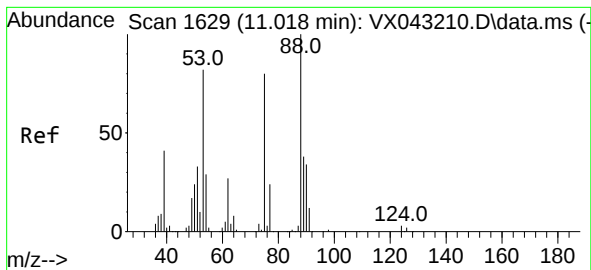
Tgt Ion:152 Resp: 52777
Ion Ratio Lower Upper
152 100
115 62.5 44.1 132.3
150 156.8 0.0 347.4



#76
1,2,3-Trichloropropane
Concen: 29.742 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX043285.D
Acq: 04 Oct 2024 13:42

Tgt Ion: 75 Resp: 34818
Ion Ratio Lower Upper
75 100
77 1.0 22.0 66.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 77.082 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX043285.D
 Acq: 04 Oct 2024 13:42

Instrument :
 MSVOA_X
 ClientSampleId :
 TT162S1-20241001

Tgt Ion: 75 Resp: 34818
 Ion Ratio Lower Upper
 75 100
 53 0.0 83.9 125.9#
 89 0.1 38.6 58.0#

