

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112122\
 Data File : VX032962.D
 Acq On : 21 Nov 2022 19:00
 Operator : JC/MD
 Sample : N5730-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT149S1-20221118

Quant Time: Nov 22 05:13:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

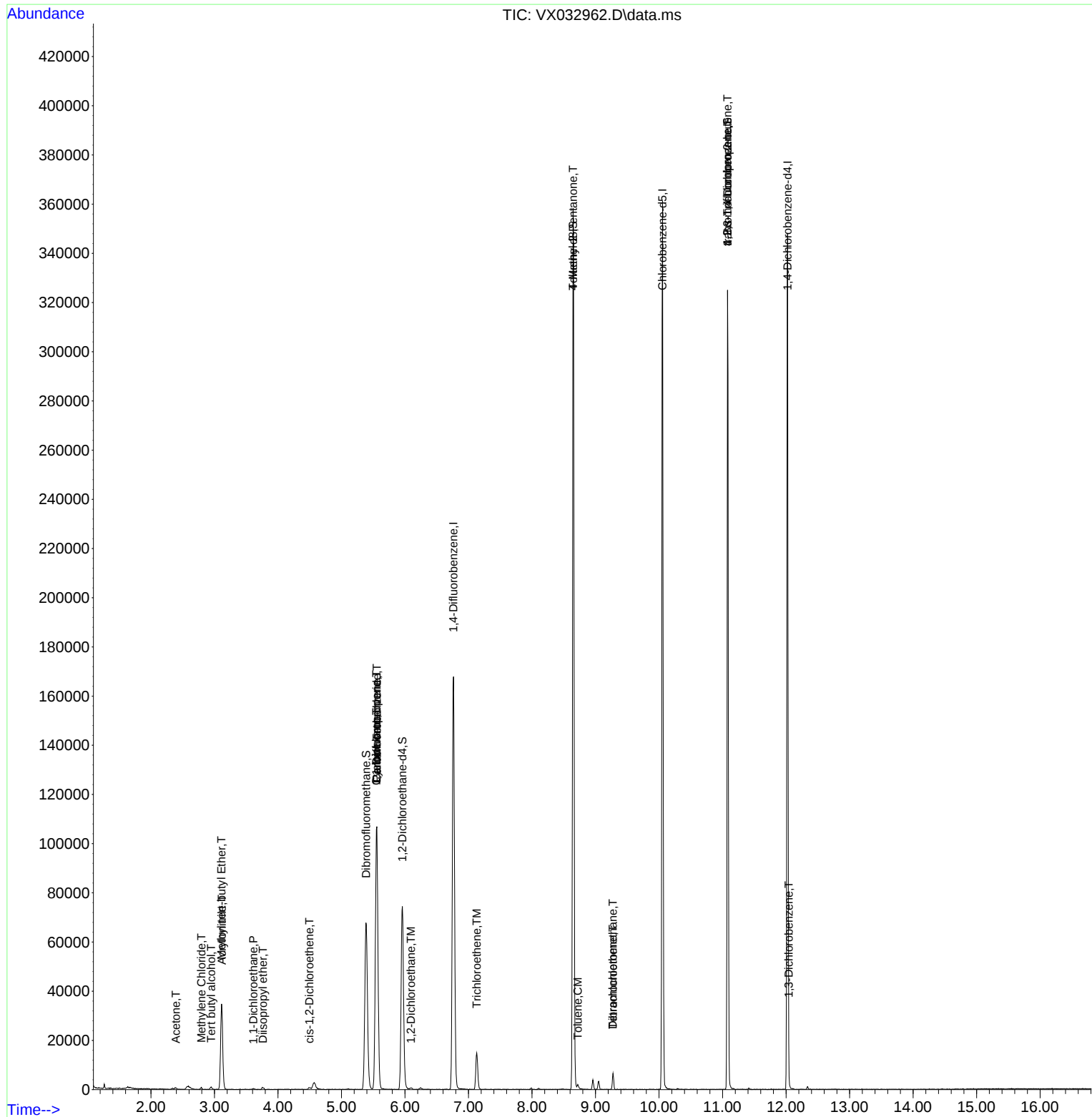
Internal Standards						
1) Pentafluorobenzene	5.556	168	101794	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	172628	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	156399	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	70789	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	75372	53.289	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	106.580%
35) Dibromofluoromethane	5.385	113	59175	48.056	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.120%
50) Toluene-d8	8.647	98	215014	50.216	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.440%
62) 4-Bromofluorobenzene	11.079	95	80978	48.416	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.840%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	730	3.546	ug/l #	72
15) Acrylonitrile	3.117	53	483	0.865	ug/l #	18
16) Acetone	2.392	43	984	1.914	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	36939	10.295	ug/l	100
20) Methylene Chloride	2.794	84	288	0.244	ug/l #	85
22) Diisopropyl ether	3.763	45	856	0.243	ug/l #	79
24) 1,1-Dichloroethane	3.611	63	594	0.293	ug/l #	82
27) cis-1,2-Dichloroethene	4.495	96	518	0.403	ug/l	91
31) Cyclohexane	5.550	56	2246	1.310	ug/l #	13
36) 1,1-Dichloropropene	5.550	75	7939	4.630	ug/l #	48
38) Carbon Tetrachloride	5.556	117	10807	5.682	ug/l #	15
42) 1,2-Dichloroethane	6.092	62	807	0.407	ug/l #	77
44) Trichloroethene	7.129	130	5818	4.259	ug/l	94
51) 4-Methyl-2-Pentanone	8.647	43	905	0.524	ug/l #	1
52) Toluene	8.720	92	725	0.229	ug/l	99
60) Dibromochloromethane	9.275	129	1088	0.747	ug/l #	11
64) Tetrachloroethene	9.275	164	1176	1.027	ug/l	93
76) 1,2,3-Trichloropropane	11.079	75	44690	28.377	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	44690	90.295	ug/l #	6
87) 1,3-Dichlorobenzene	12.042	146	537	0.207	ug/l #	1

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

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Instrument :
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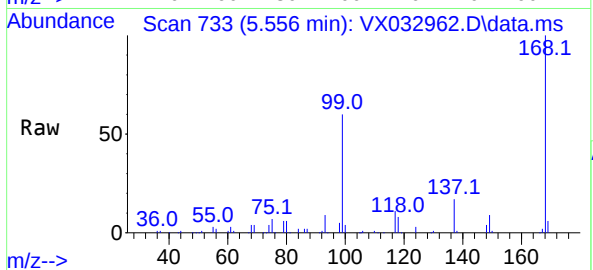
Quant Time: Nov 22 05:13:25 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 08:28:06 2022
Response via : Initial Calibration



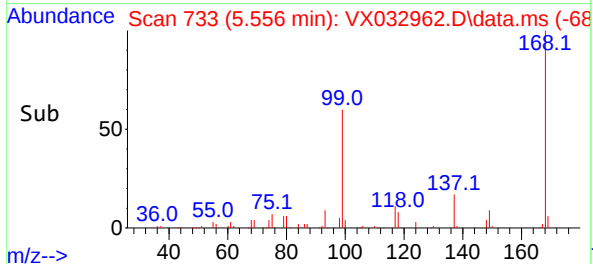
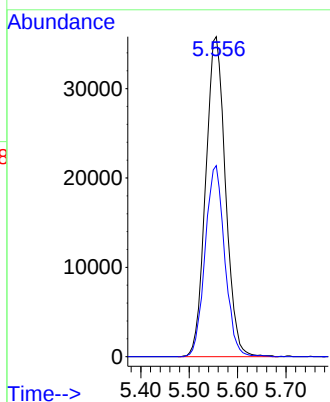


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032962.D
Acq: 21 Nov 2022 19:00

Instrument :
MSVOA_X
ClientSampleId :
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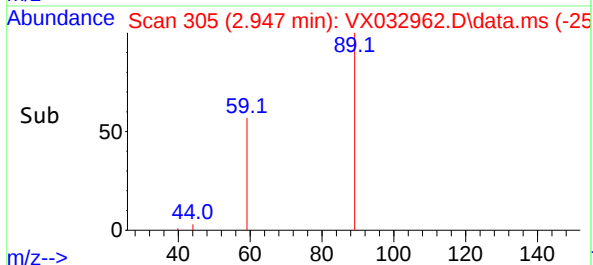
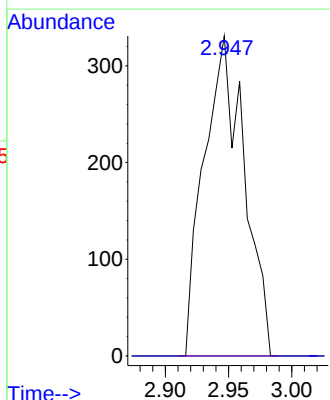
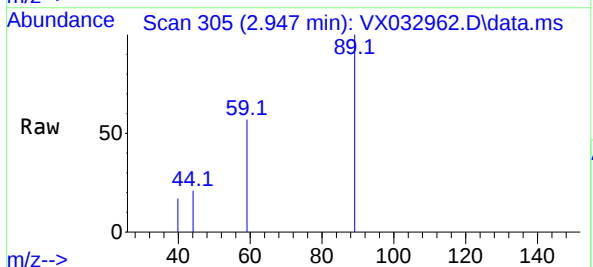


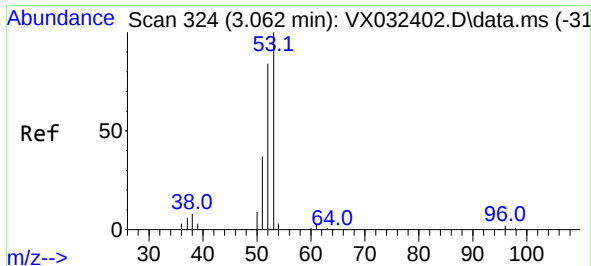
Tgt Ion:168 Resp: 101794
Ion Ratio Lower Upper
168 100
99 59.7 46.1 69.1



#11
Tert butyl alcohol
Concen: 3.546 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.018 min
Lab File: VX032962.D
Acq: 21 Nov 2022 19:00

Tgt Ion: 59 Resp: 730
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#





#15

Acrylonitrile

Concen: 0.865 ug/l

RT: 3.117 min Scan# 31

Delta R.T. 0.055 min

Lab File: VX032962.D

Acq: 21 Nov 2022 19:00

Instrument :

MSVOA_X

ClientSampleId :

TT149S1-20221118

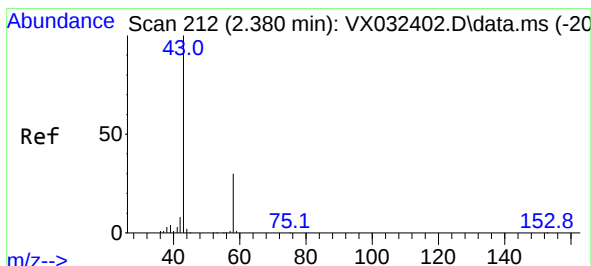
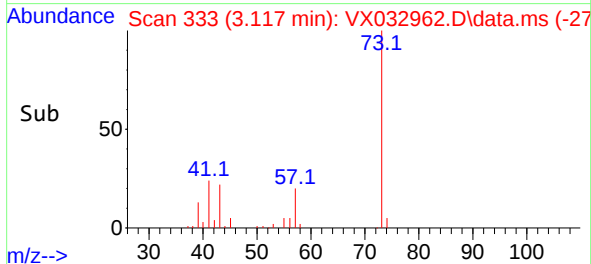
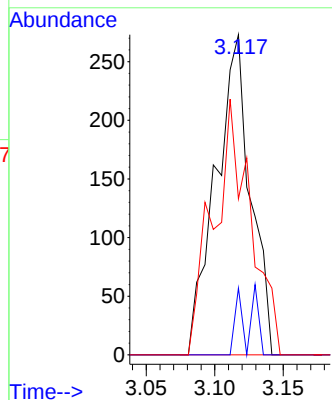
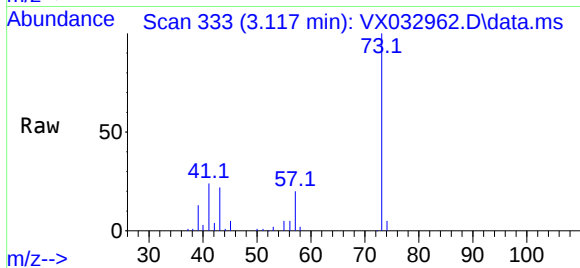
Tgt Ion: 53 Resp: 483

Ion Ratio Lower Upper

53 100

52 8.9 67.4 101.0#

51 85.1 30.3 45.5#



#16

Acetone

Concen: 1.914 ug/l

RT: 2.392 min Scan# 214

Delta R.T. 0.012 min

Lab File: VX032962.D

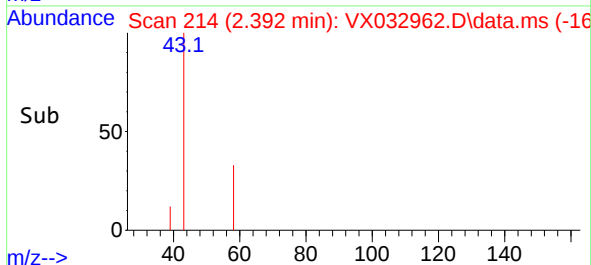
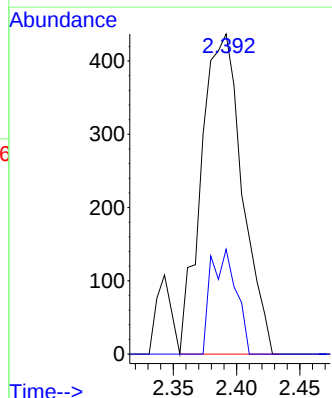
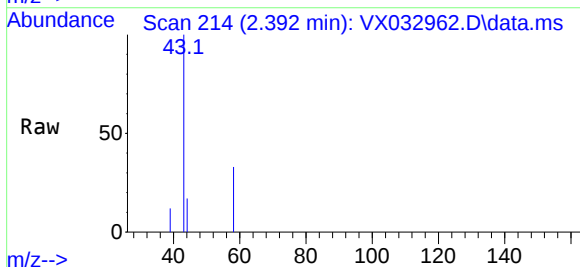
Acq: 21 Nov 2022 19:00

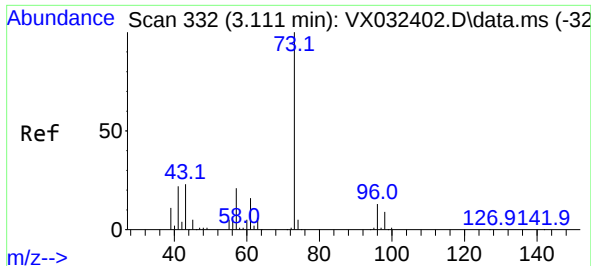
Tgt Ion: 43 Resp: 984

Ion Ratio Lower Upper

43 100

58 32.7 23.8 35.8

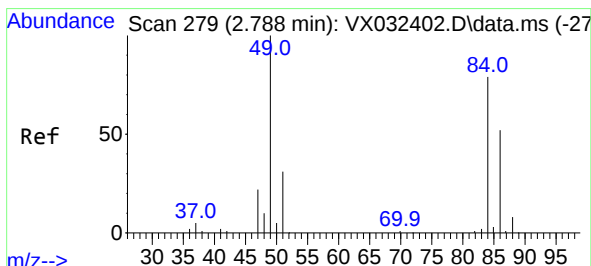
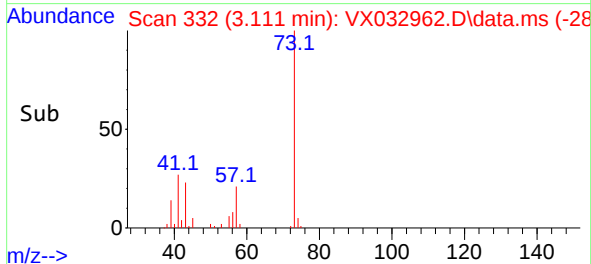
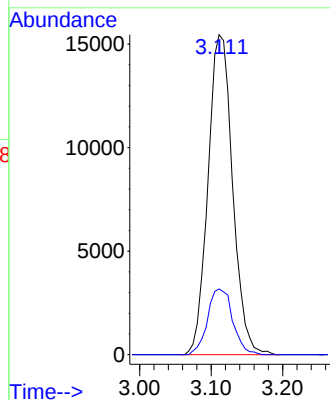
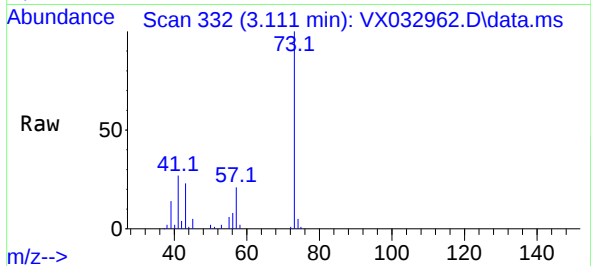




#19
Methyl tert-butyl Ether
Concen: 10.295 ug/l
RT: 3.111 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX032962.D
Acq: 21 Nov 2022 19:00

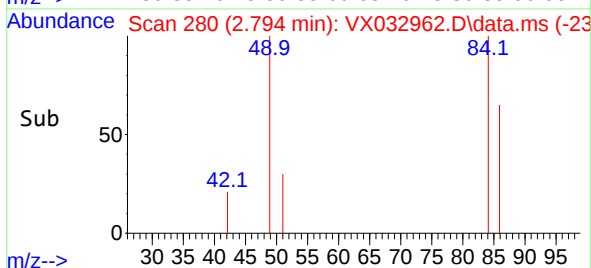
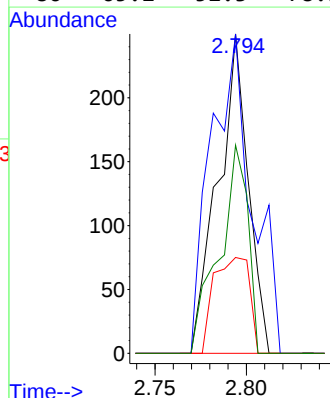
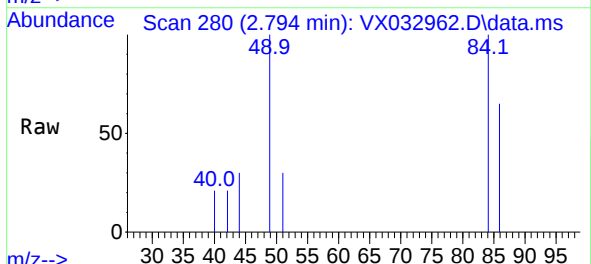
Instrument :
MSVOA_X
ClientSampleId :
TT149S1-20221118

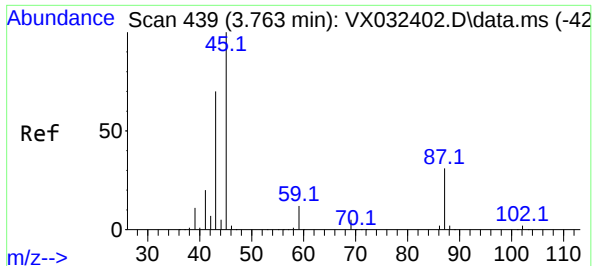
Tgt Ion: 73 Resp: 36939
Ion Ratio Lower Upper
73 100
57 20.6 16.6 25.0



#20
Methylene Chloride
Concen: 0.244 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX032962.D
Acq: 21 Nov 2022 19:00

Tgt Ion: 84 Resp: 288
Ion Ratio Lower Upper
84 100
49 100.0 101.0 151.6#
51 30.0 31.1 46.7#
86 65.2 52.3 78.5

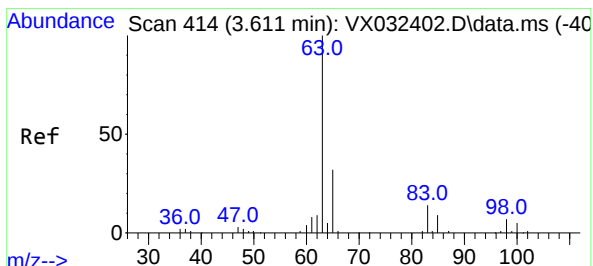
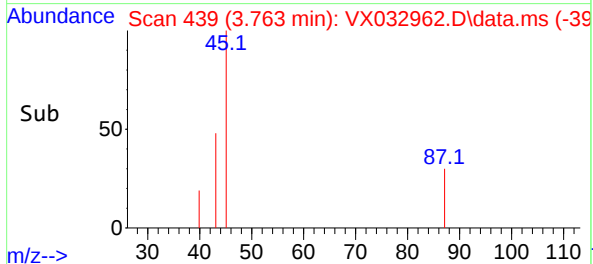
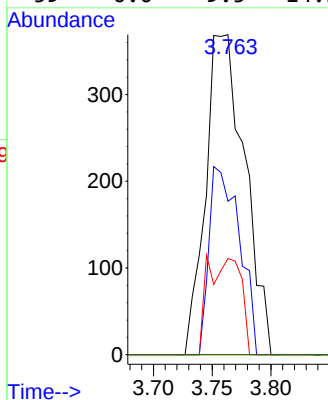
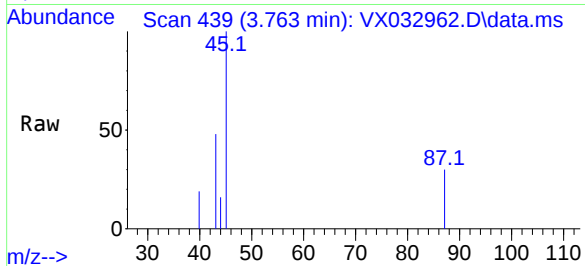




#22
Diisopropyl ether
Concen: 0.243 ug/l
RT: 3.763 min Scan# 41
Delta R.T. -0.000 min
Lab File: VX032962.D
Acq: 21 Nov 2022 19:00

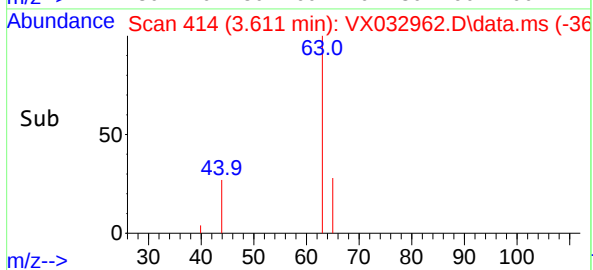
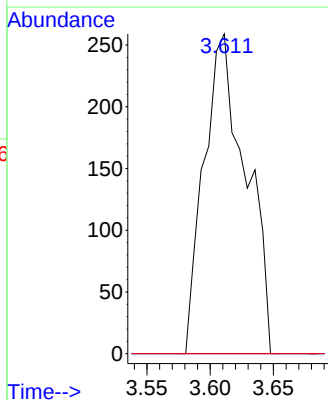
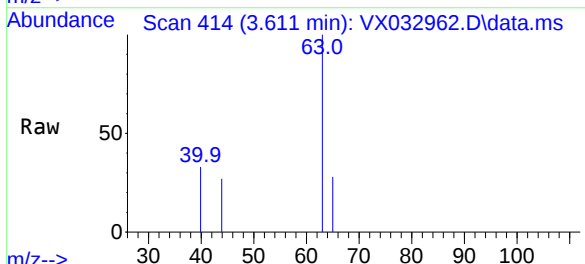
Instrument :
MSVOA_X
ClientSampleId :
TT149S1-20221118

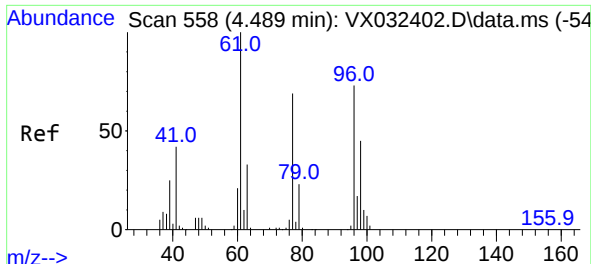
Tgt Ion:	45	Resp:	856
Ion	Ratio	Lower	Upper
45	100		
43	48.0	56.4	84.6#
87	30.1	24.4	36.6
59	0.0	9.5	14.3#



#24
1,1-Dichloroethane
Concen: 0.293 ug/l
RT: 3.611 min Scan# 414
Delta R.T. -0.000 min
Lab File: VX032962.D
Acq: 21 Nov 2022 19:00

Tgt Ion:	63	Resp:	594
Ion	Ratio	Lower	Upper
63	100		
98	0.0	3.5	10.4#
100	0.0	2.3	6.8#



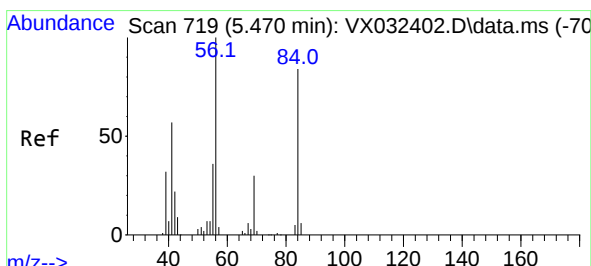
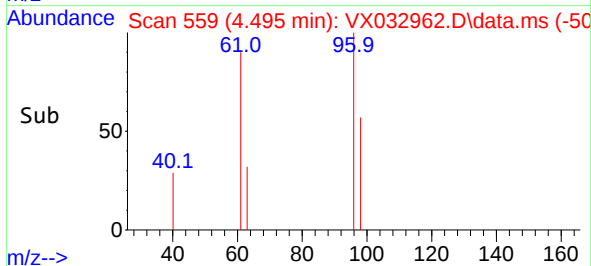
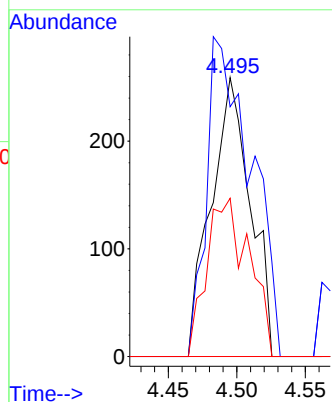
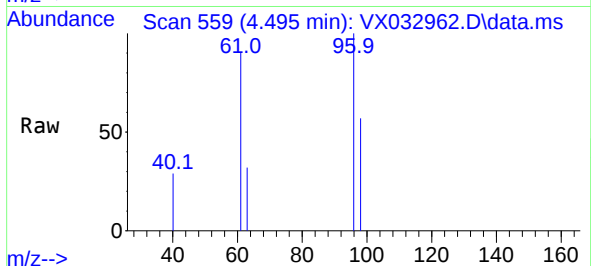


#27
cis-1,2-Dichloroethene
Concen: 0.403 ug/l
RT: 4.495 min Scan# 518
Delta R.T. 0.006 min
Lab File: VX032962.D
Acq: 21 Nov 2022 19:00

Instrument :
MSVOA_X
ClientSampleId :
TT149S1-20221118

Tgt Ion: 96 Resp: 518

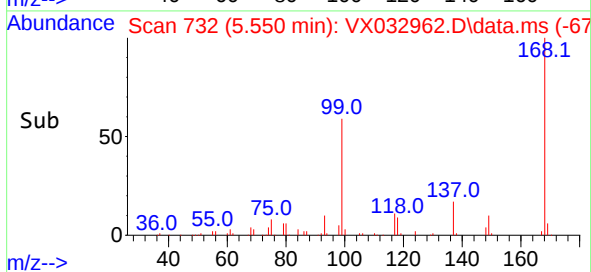
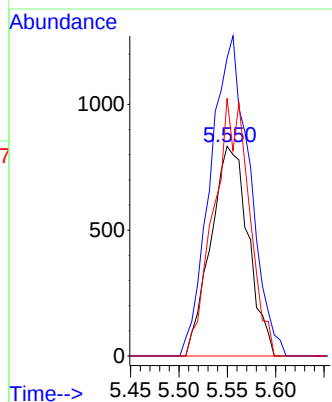
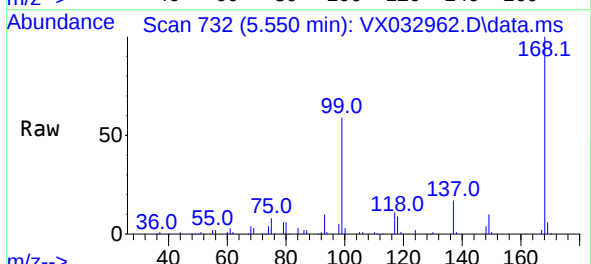
Ion	Ratio	Lower	Upper
96	100		
61	129.3	0.0	286.0
98	61.2	0.0	129.6

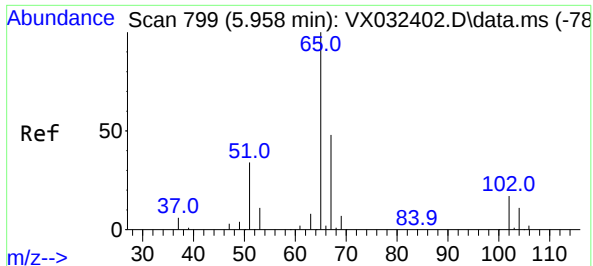


#31
Cyclohexane
Concen: 1.310 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX032962.D
Acq: 21 Nov 2022 19:00

Tgt Ion: 56 Resp: 2246

Ion	Ratio	Lower	Upper
56	100		
69	142.1	24.1	36.1#
84	122.9	66.9	100.3#

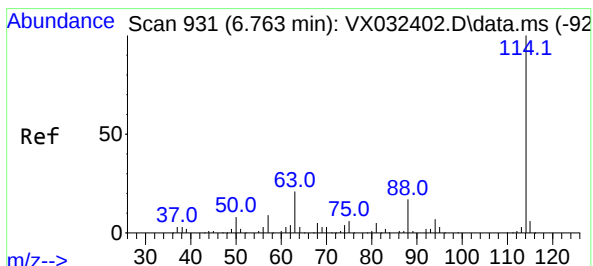
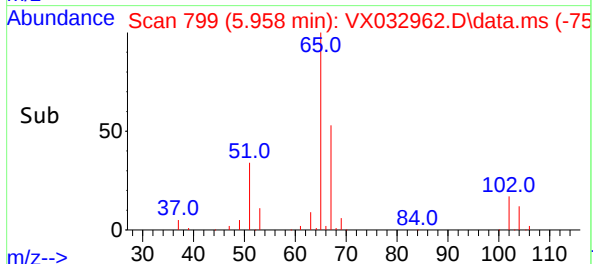
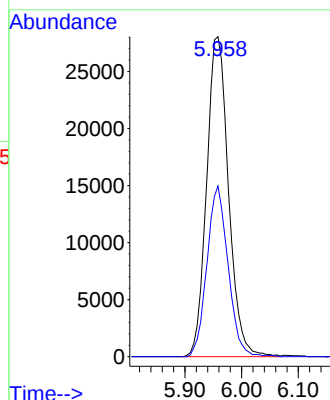
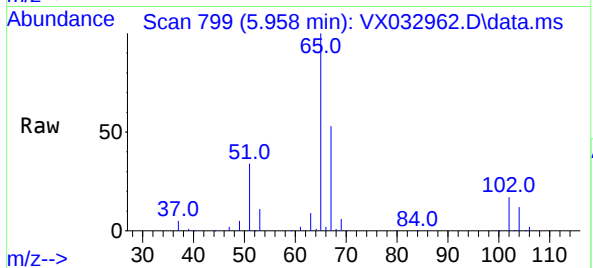




#33
 1,2-Dichloroethane-d4
 Concen: 53.289 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.000 min
 Lab File: VX032962.D
 Acq: 21 Nov 2022 19:00

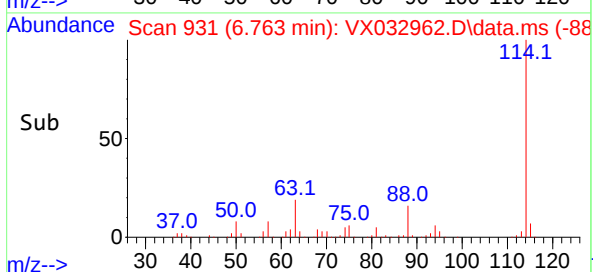
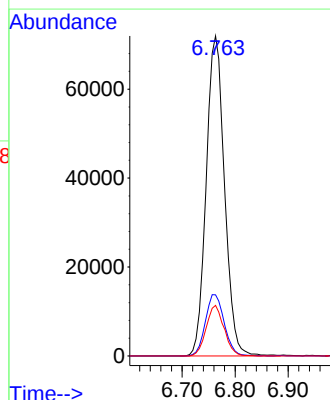
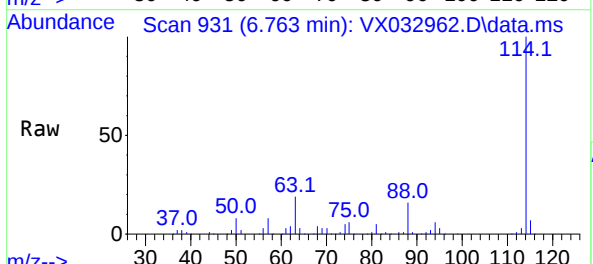
Instrument :
 MSVOA_X
 ClientSampleId :
 TT149S1-20221118

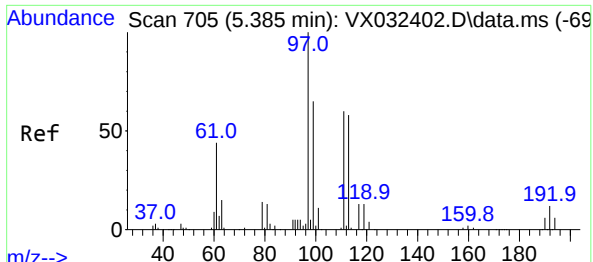
Tgt Ion: 65 Resp: 75372
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX032962.D
 Acq: 21 Nov 2022 19:00

Tgt Ion: 114 Resp: 172628
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 41.6
 88 15.8 0.0 33.4





#35

Dibromofluoromethane

Concen: 48.056 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX032962.D

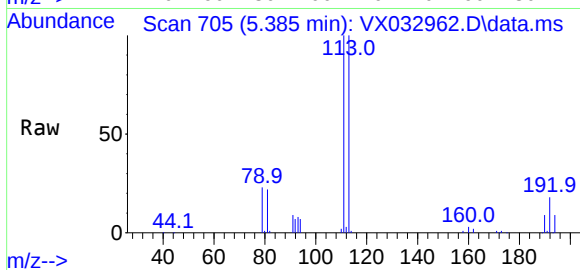
Acq: 21 Nov 2022 19:00

Instrument :

MSVOA_X

ClientSampleId :

TT149S1-20221118



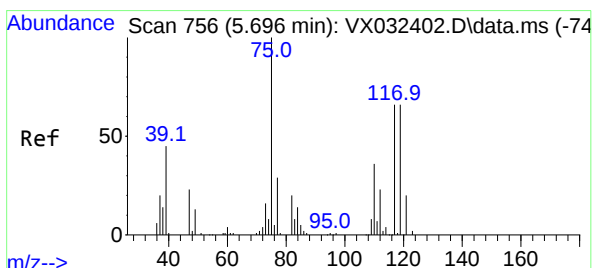
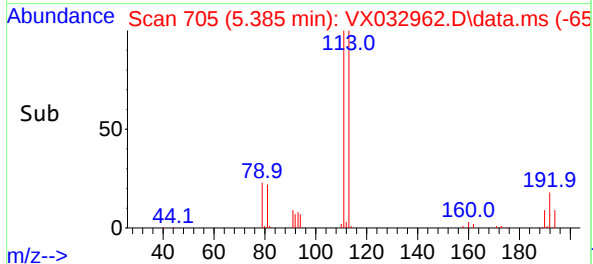
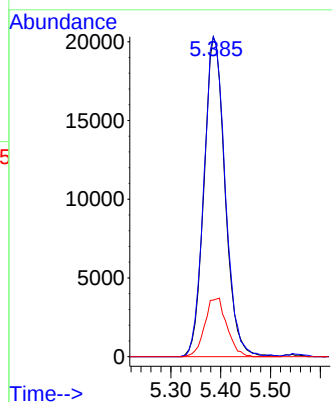
Tgt Ion:113 Resp: 59175

Ion Ratio Lower Upper

113 100

111 101.9 82.4 123.6

192 19.3 15.4 23.2



#36

1,1-Dichloropropene

Concen: 4.630 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX032962.D

Acq: 21 Nov 2022 19:00

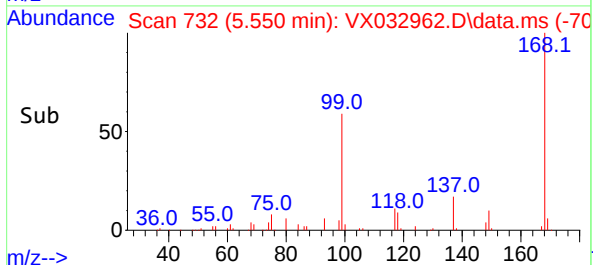
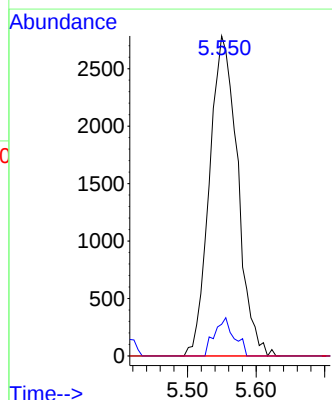
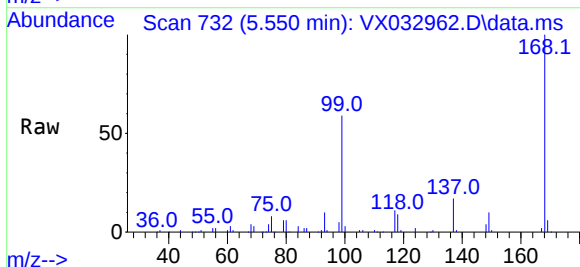
Tgt Ion: 75 Resp: 7939

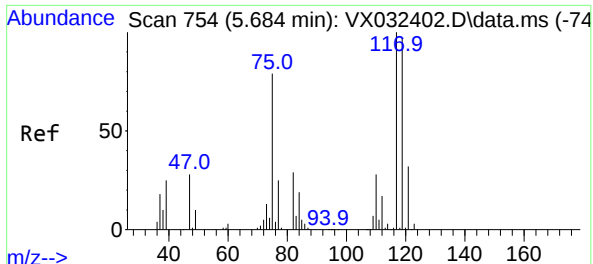
Ion Ratio Lower Upper

75 100

110 8.3 18.4 55.2#

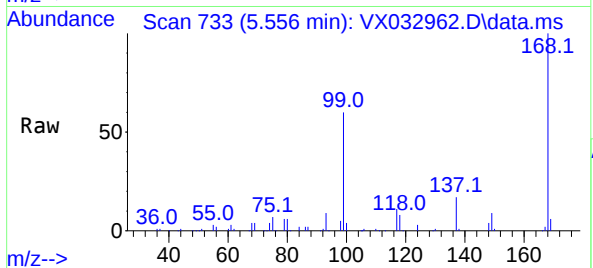
77 0.0 24.5 36.7#



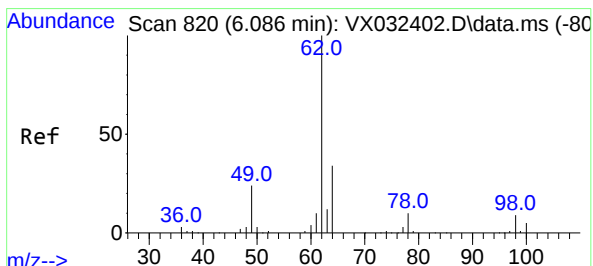
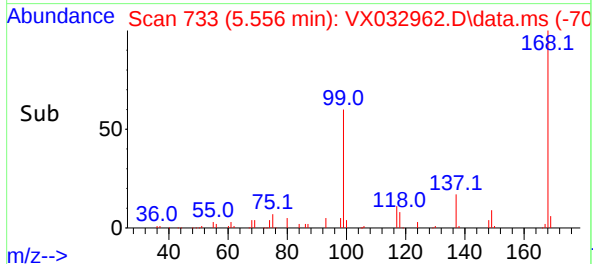
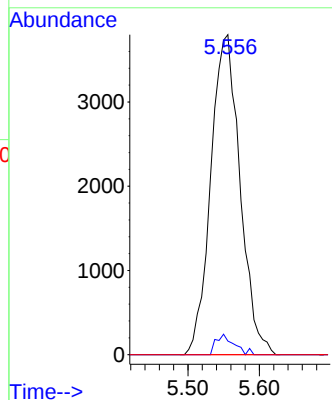


#38
Carbon Tetrachloride
Concen: 5.682 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX032962.D
Acq: 21 Nov 2022 19:00

Instrument :
MSVOA_X
ClientSampleId :
TT149S1-20221118

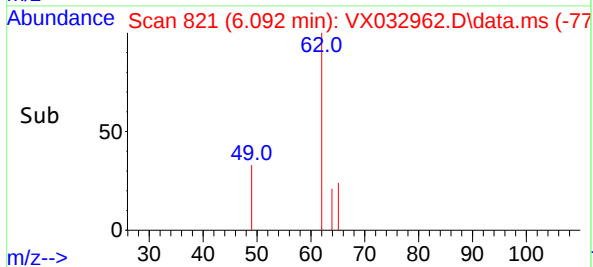
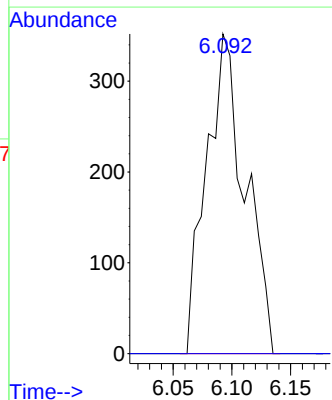
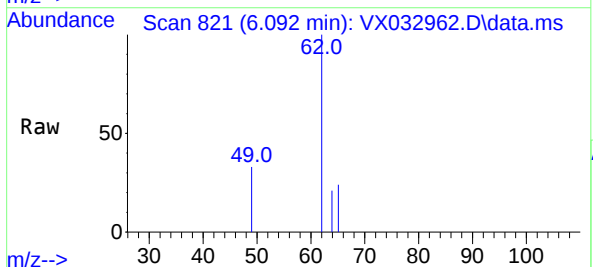


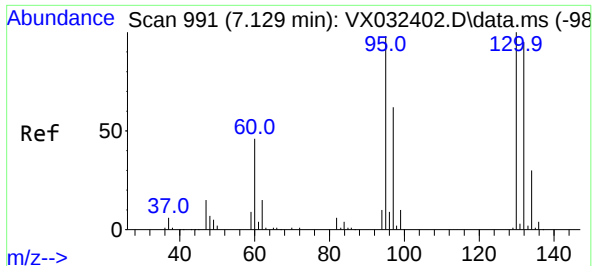
Tgt Ion:117 Resp: 10807
Ion Ratio Lower Upper
117 100
119 4.2 77.2 115.8#
121 0.0 25.8 38.6#



#42
1,2-Dichloroethane
Concen: 0.407 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX032962.D
Acq: 21 Nov 2022 19:00

Tgt Ion: 62 Resp: 807
Ion Ratio Lower Upper
62 100
98 0.0 0.0 16.0

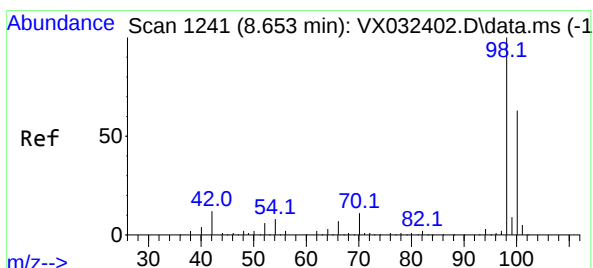
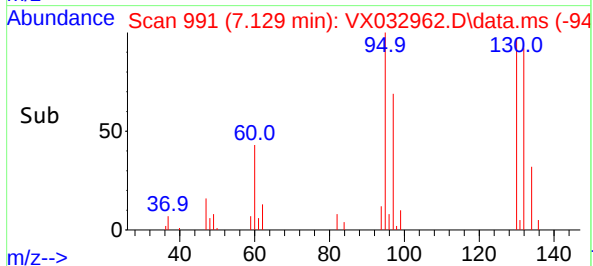
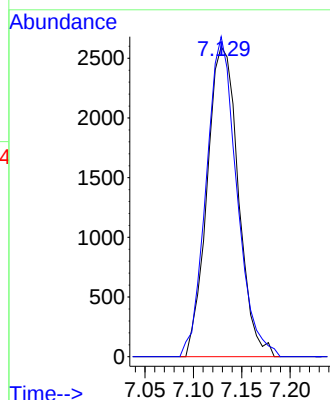
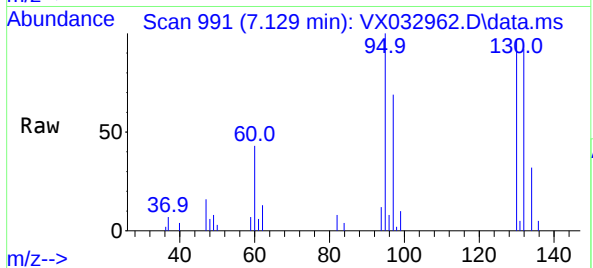




#44
Trichloroethene
Concen: 4.259 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX032962.D
Acq: 21 Nov 2022 19:00

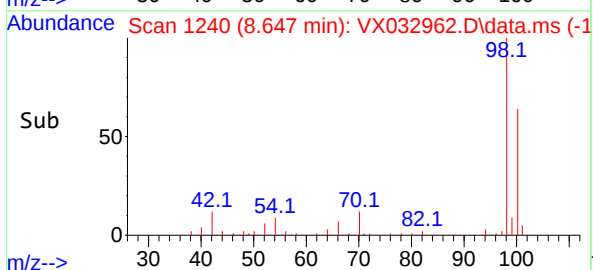
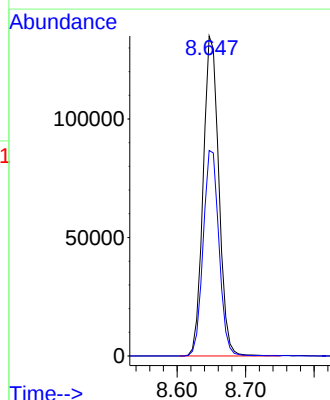
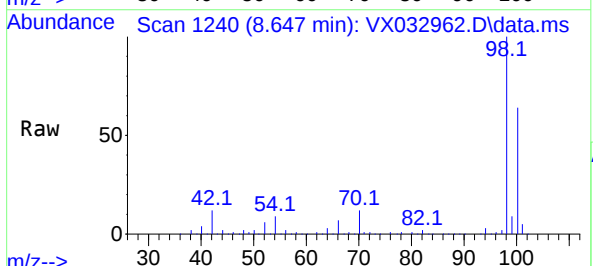
Instrument :
MSVOA_X
ClientSampleId :
TT149S1-20221118

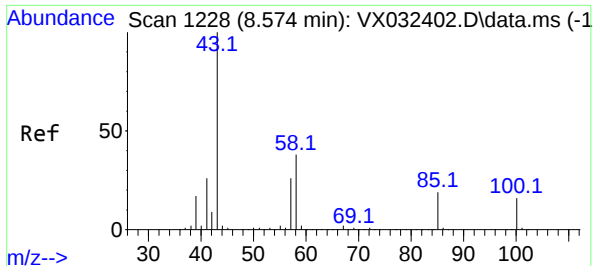
Tgt Ion:130 Resp: 5818
Ion Ratio Lower Upper
130 100
95 103.2 0.0 195.2



#50
Toluene-d8
Concen: 50.216 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032962.D
Acq: 21 Nov 2022 19:00

Tgt Ion: 98 Resp: 215014
Ion Ratio Lower Upper
98 100
100 64.8 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 0.524 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX032962.D

Acq: 21 Nov 2022 19:00

Instrument :

MSVOA_X

ClientSampleId :

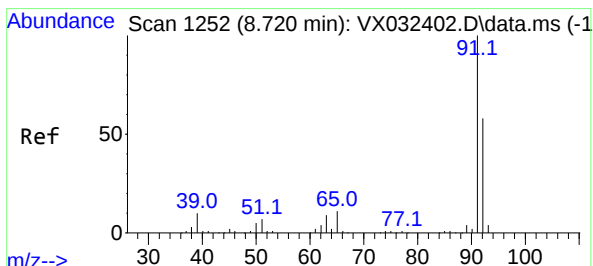
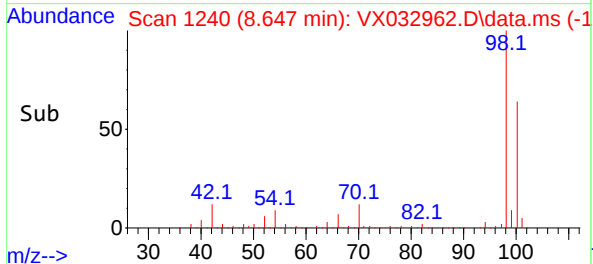
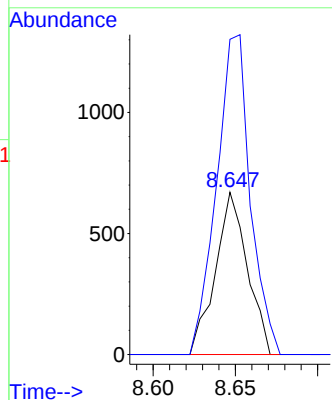
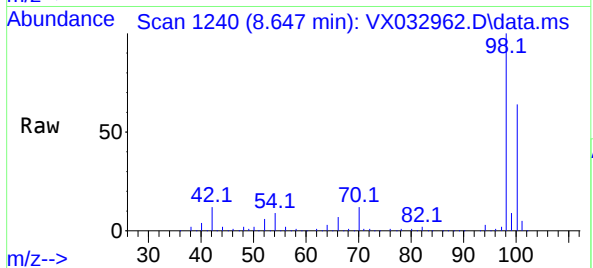
TT149S1-20221118

Tgt Ion: 43 Resp: 905

Ion Ratio Lower Upper

43 100

58 208.3 30.9 46.3#



#52

Toluene

Concen: 0.229 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX032962.D

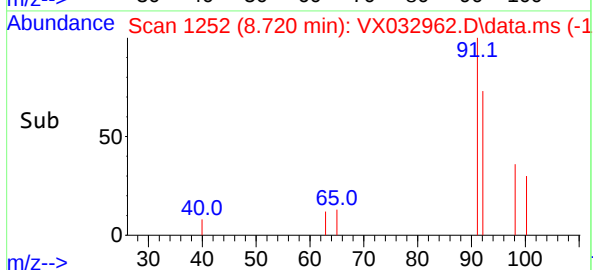
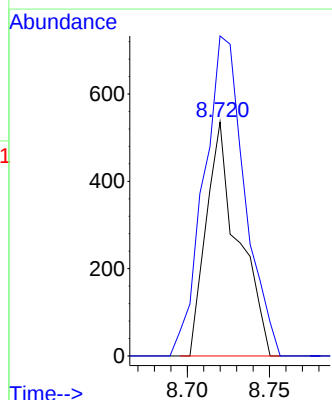
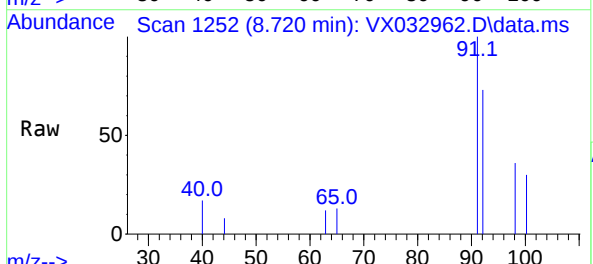
Acq: 21 Nov 2022 19:00

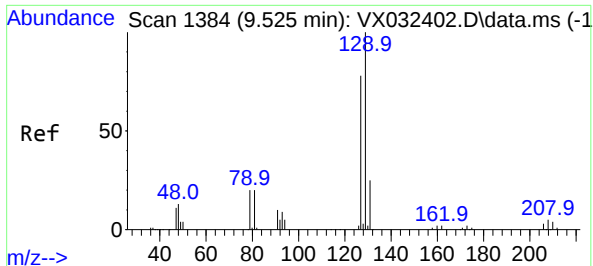
Tgt Ion: 92 Resp: 725

Ion Ratio Lower Upper

92 100

91 174.2 138.3 207.5

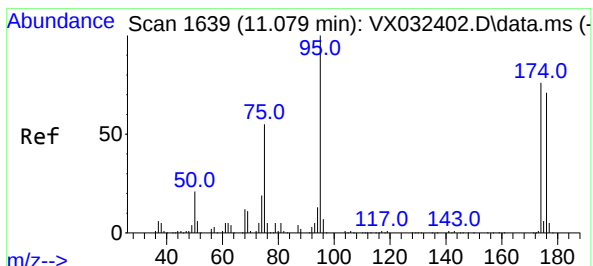
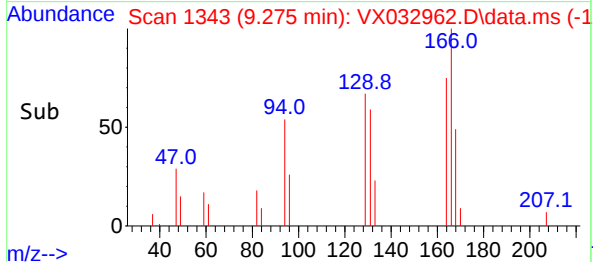
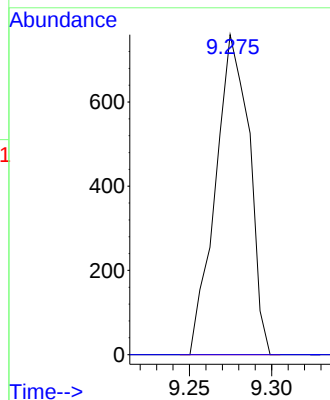
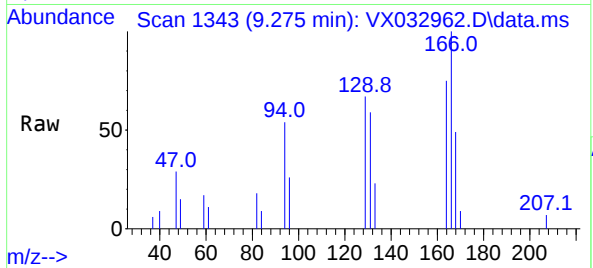




#60
Dibromochloromethane
Concen: 0.747 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX032962.D
Acq: 21 Nov 2022 19:00

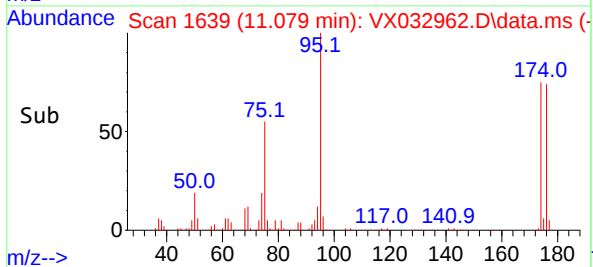
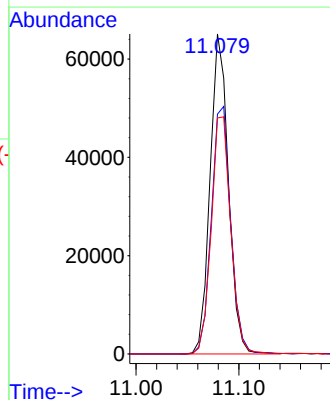
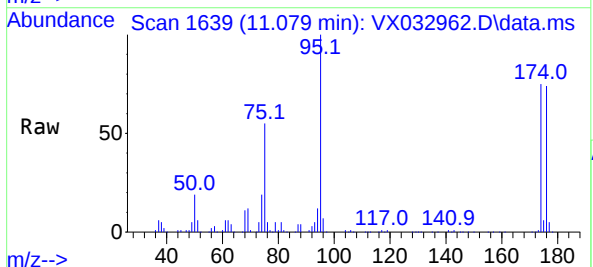
Instrument :
MSVOA_X
ClientSampleId :
TT149S1-20221118

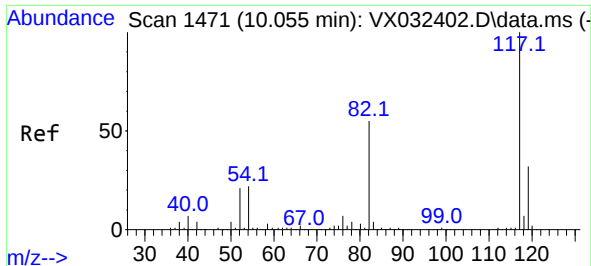
Tgt Ion:129 Resp: 1088
Ion Ratio Lower Upper
129 100
127 0.0 38.6 115.8#



#62
4-Bromofluorobenzene
Concen: 48.416 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX032962.D
Acq: 21 Nov 2022 19:00

Tgt Ion: 95 Resp: 80978
Ion Ratio Lower Upper
95 100
174 81.7 0.0 164.0
176 78.8 0.0 154.4

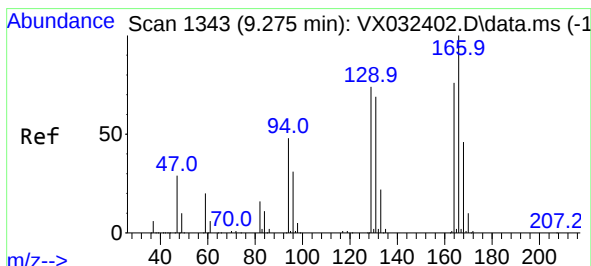
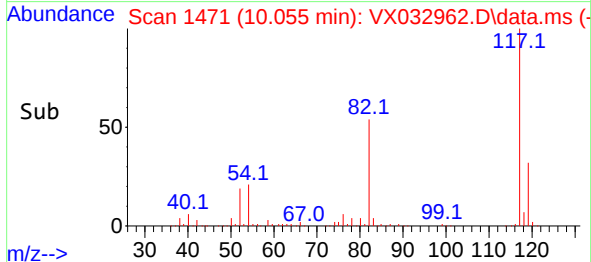
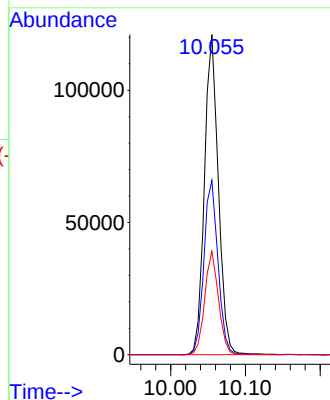
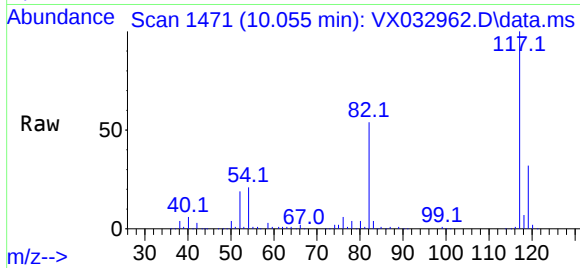




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032962.D
Acq: 21 Nov 2022 19:00

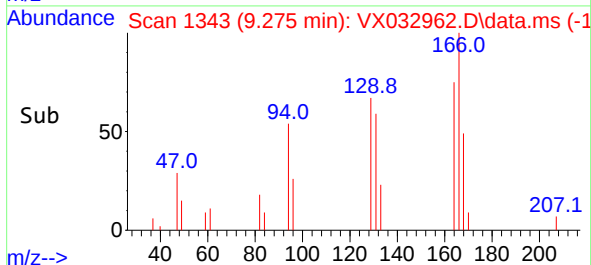
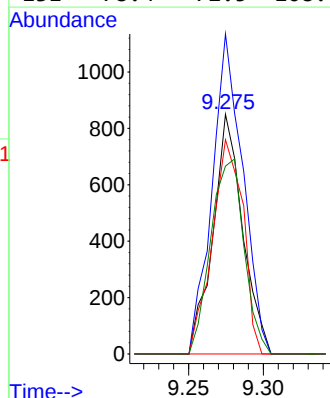
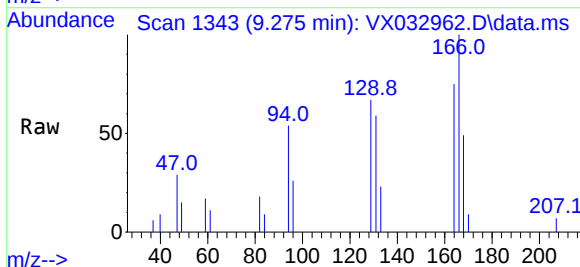
Instrument :
MSVOA_X
ClientSampleId :
TT149S1-20221118

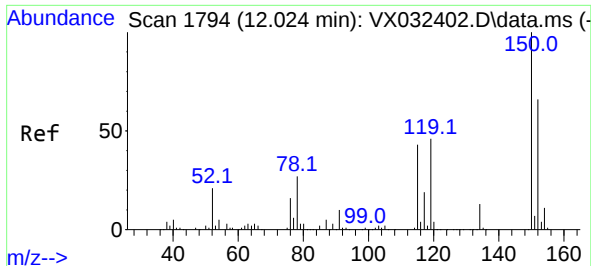
Tgt Ion:117 Resp: 156399
Ion Ratio Lower Upper
117 100
82 54.4 44.3 66.5
119 32.3 25.7 38.5



#64
Tetrachloroethene
Concen: 1.027 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX032962.D
Acq: 21 Nov 2022 19:00

Tgt Ion:164 Resp: 1176
Ion Ratio Lower Upper
164 100
166 133.5 105.4 158.2
129 89.4 78.2 117.2
131 78.4 72.5 108.7

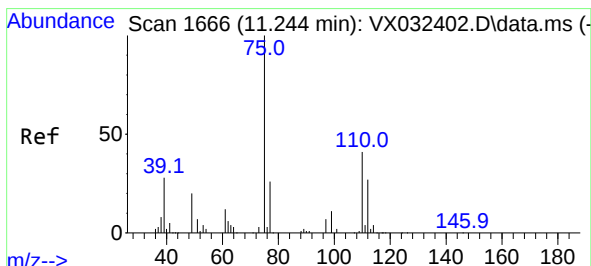
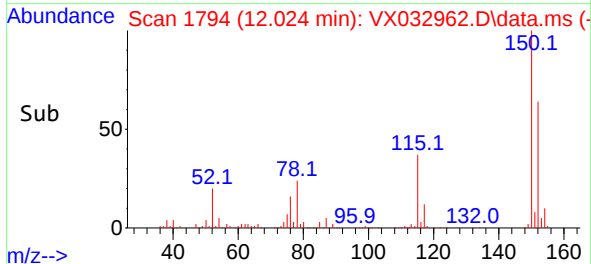
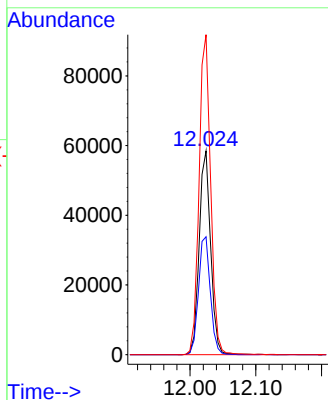
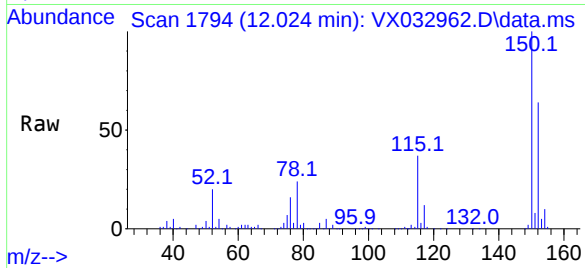




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032962.D
Acq: 21 Nov 2022 19:00

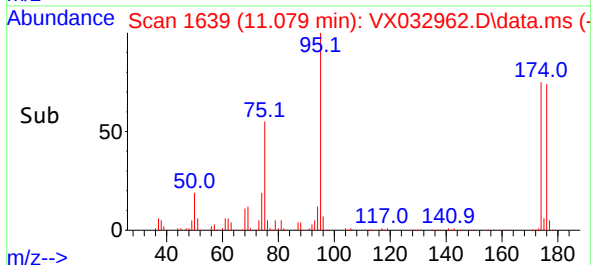
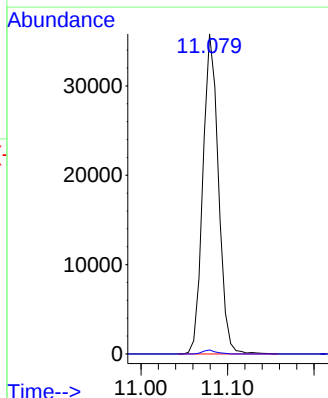
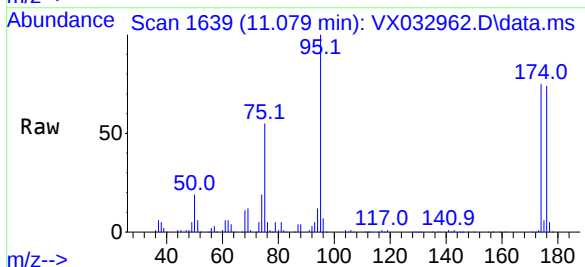
Instrument :
MSVOA_X
ClientSampleId :
TT149S1-20221118

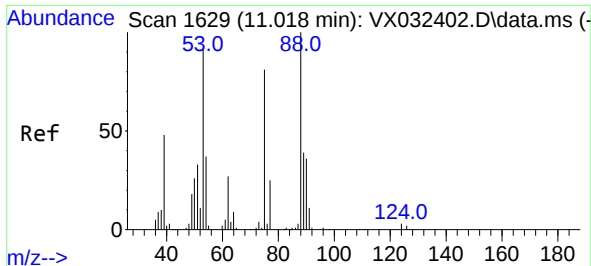
Tgt Ion:152 Resp: 70789
Ion Ratio Lower Upper
152 100
115 59.9 44.0 132.0
150 158.7 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 28.377 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032962.D
Acq: 21 Nov 2022 19:00

Tgt Ion: 75 Resp: 44690
Ion Ratio Lower Upper
75 100
77 1.1 20.0 60.0#

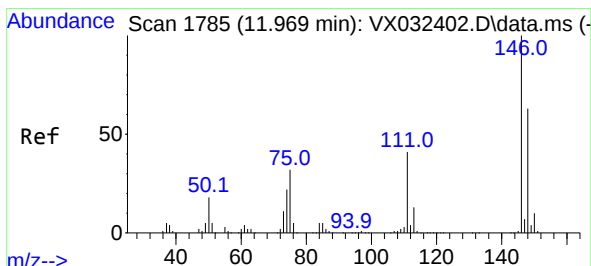
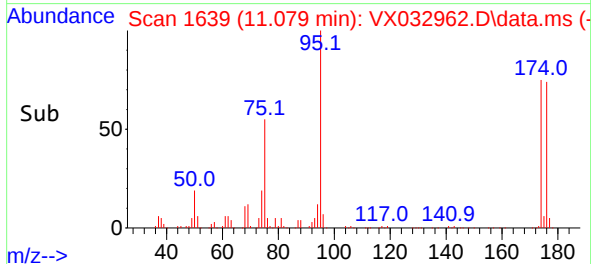
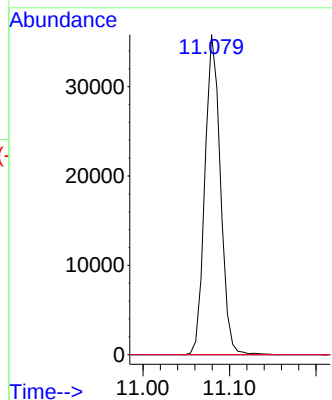
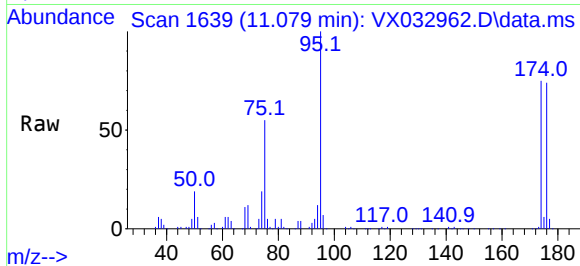




#81
trans-1,4-Dichloro-2-butene
Concen: 90.295 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX032962.D
Acq: 21 Nov 2022 19:00

Instrument :
MSVOA_X
ClientSampleId :
TT149S1-20221118

Tgt Ion: 75 Resp: 44690
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#



#87
1,3-Dichlorobenzene
Concen: 0.207 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.073 min
Lab File: VX032962.D
Acq: 21 Nov 2022 19:00

Tgt Ion: 146 Resp: 537
Ion Ratio Lower Upper
146 100
111 215.8 20.6 61.8#
148 96.5 31.7 95.1#

