

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083122\
 Data File : VX031013.D
 Acq On : 01 Sep 2022 06:00
 Operator : JC/MD
 Sample : N4454-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-083022

Quant Time: Sep 06 02:33:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X083022W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 30 14:24:53 2022
 Response via : Initial Calibration

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

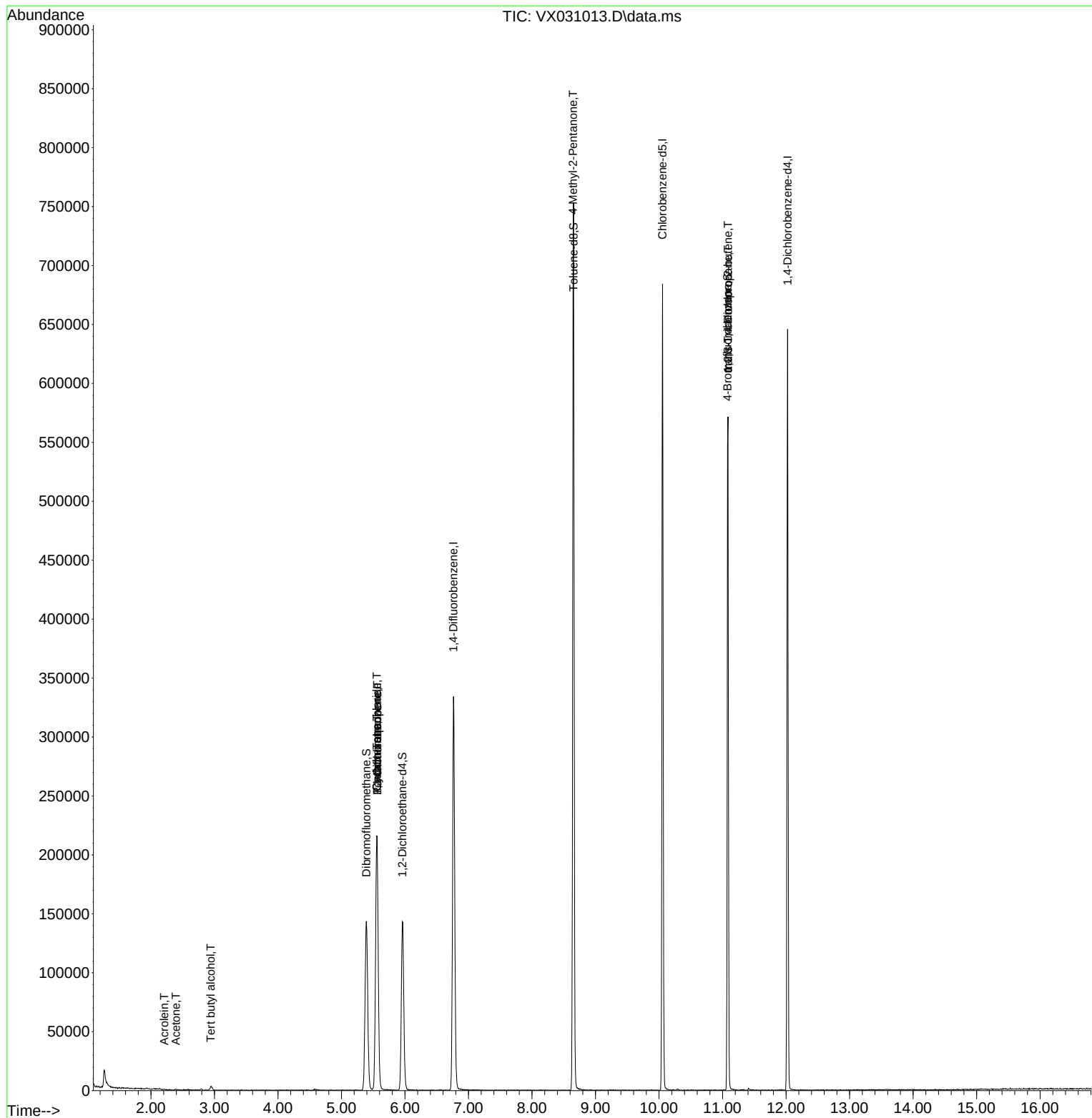
Internal Standards						
1) Pentafluorobenzene	5.562	168	219133	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	362058	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	323962	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	141321	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	140180	44.601	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.200%
35) Dibromofluoromethane	5.391	113	130416	48.865	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.740%
50) Toluene-d8	8.653	98	482840	48.851	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.700%
62) 4-Bromofluorobenzene	11.079	95	159768	45.392	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.780%
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	279	Below Cal		91
11) Tert butyl alcohol	2.940	59	2135	2.867	ug/l #	74
13) Acrolein	2.209	56	56	7.418	ug/l #	79
16) Acetone	2.392	43	807	0.569	ug/l #	62
31) Cyclohexane	5.556	56	3509	0.754	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	15214	3.835	ug/l #	48
38) Carbon Tetrachloride	5.556	117	20614	5.459	ug/l #	18
51) 4-Methyl-2-Pentanone	8.647	43	1376	0.322	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	76753	22.061	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	76753	65.590	ug/l #	13

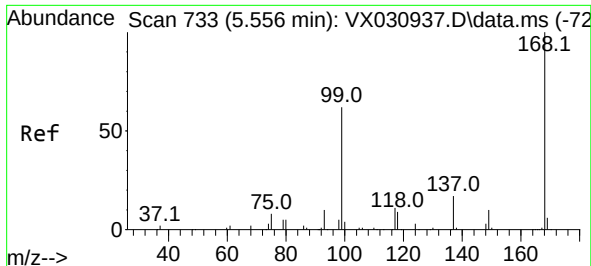
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083122\
Data File : VX031013.D
Acq On : 01 Sep 2022 06:00
Operator : JC/MD
Sample : N4454-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 52 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TB-01-083022

Quant Time: Sep 06 02:33:47 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X083022W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 30 14:24:53 2022
Response via : Initial Calibration

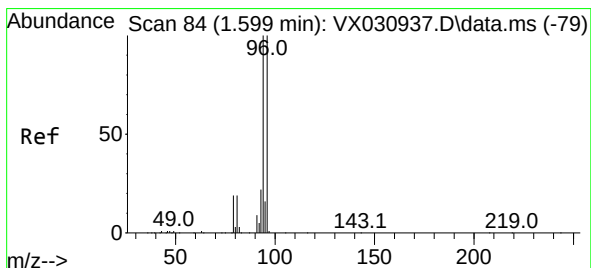
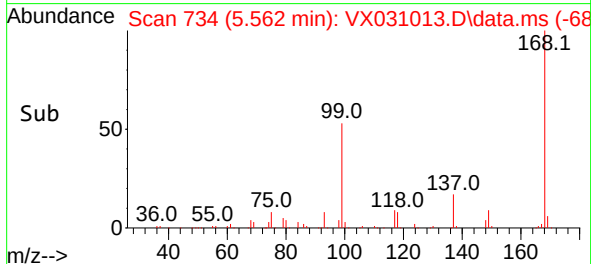
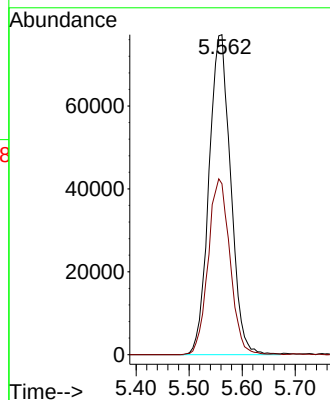
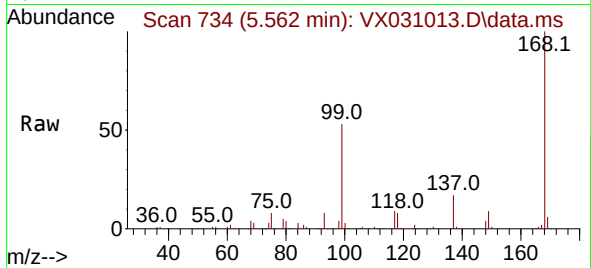




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX031013.D
Acq: 01 Sep 2022 06:00

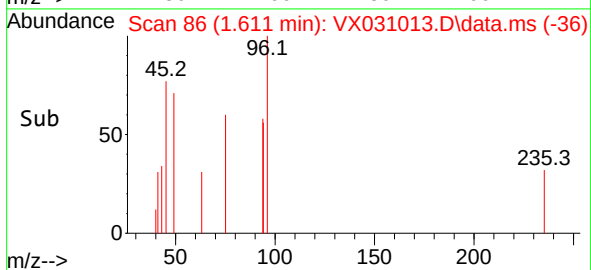
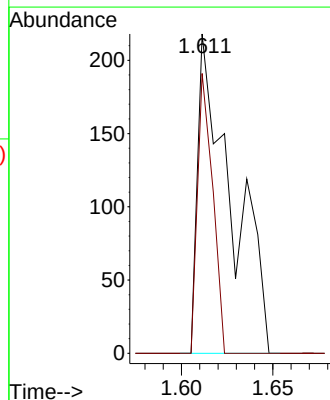
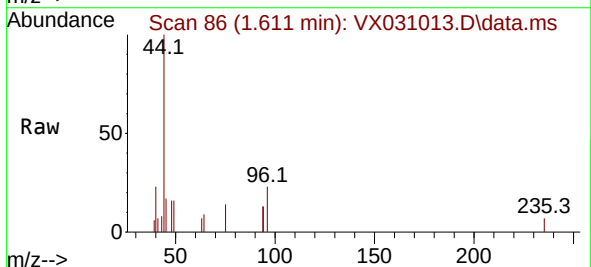
Instrument :
MSVOA_X
ClientSampleId :
TB-01-083022

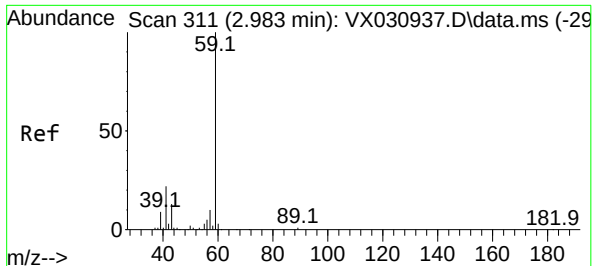
Tgt Ion:168 Resp: 219133
Ion Ratio Lower Upper
168 100
99 53.4 44.0 66.0



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.006 min
Lab File: VX031013.D
Acq: 01 Sep 2022 06:00

Tgt Ion: 94 Resp: 279
Ion Ratio Lower Upper
94 100
96 87.6 76.9 115.3





#11

Tert butyl alcohol

Concen: 2.867 ug/l

RT: 2.940 min Scan# 304

Delta R.T. -0.049 min

Lab File: VX031013.D

Acq: 01 Sep 2022 06:00

Instrument :

MSVOA_X

ClientSampleId :

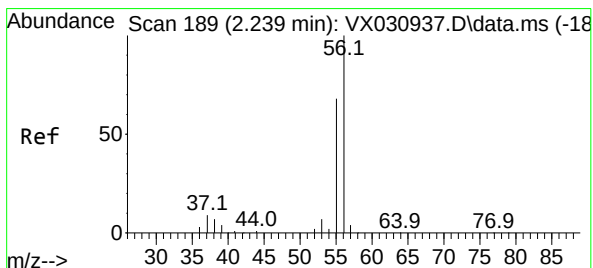
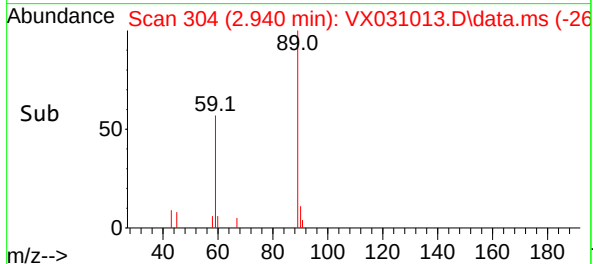
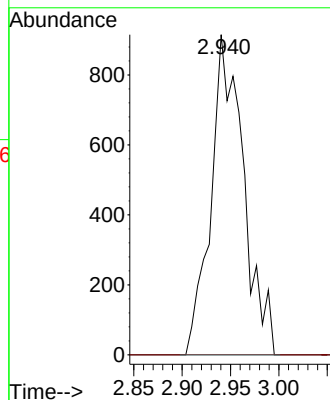
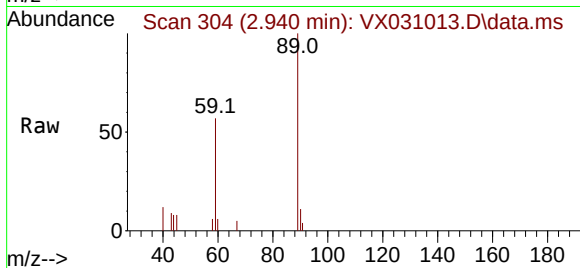
TB-01-083022

Tgt Ion: 59 Resp: 2135

Ion Ratio Lower Upper

59 100

57 0.0 7.4 11.2#



#13

Acrolein

Concen: 7.418 ug/l

RT: 2.209 min Scan# 184

Delta R.T. -0.030 min

Lab File: VX031013.D

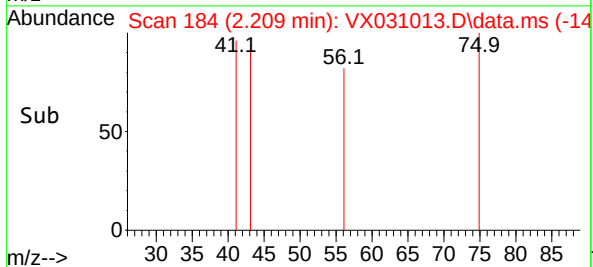
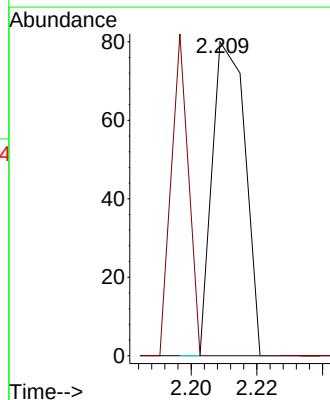
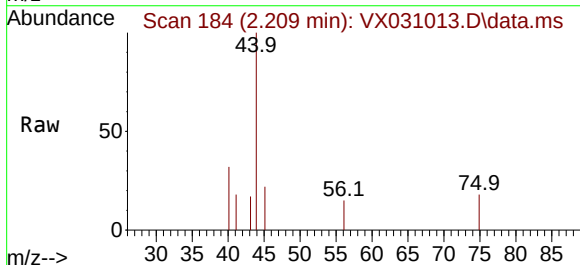
Acq: 01 Sep 2022 06:00

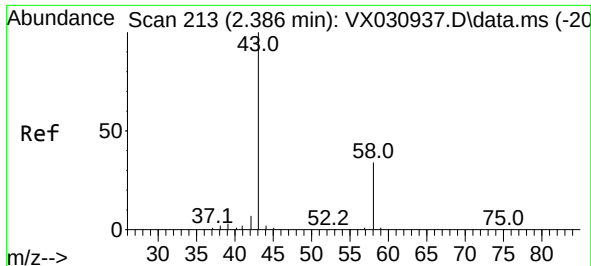
Tgt Ion: 56 Resp: 56

Ion Ratio Lower Upper

56 100

55 53.6 56.6 84.8#

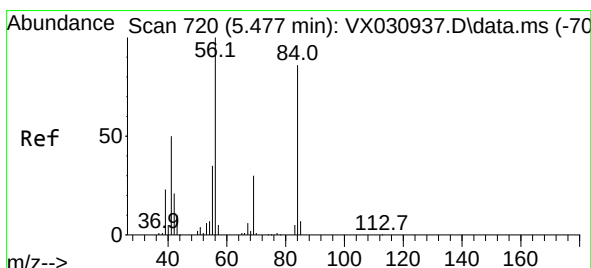
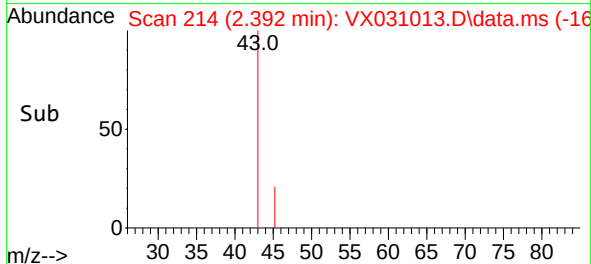
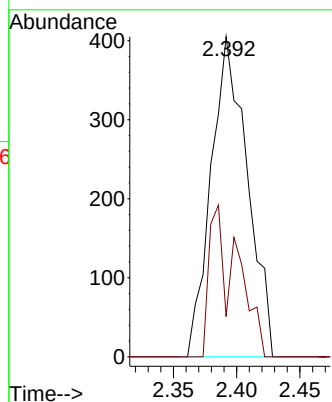
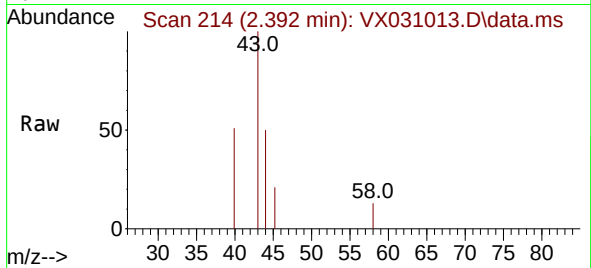




#16
Acetone
Concen: 0.569 ug/l
RT: 2.392 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX031013.D
Acq: 01 Sep 2022 06:00

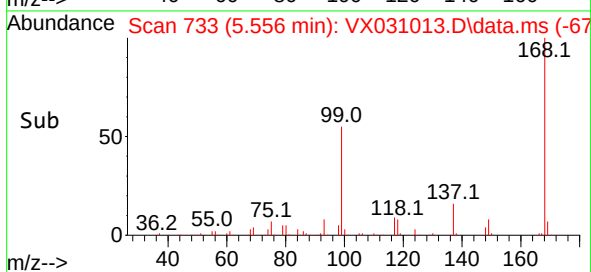
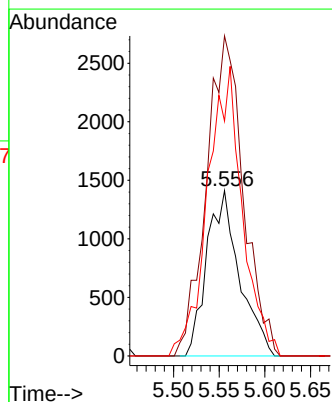
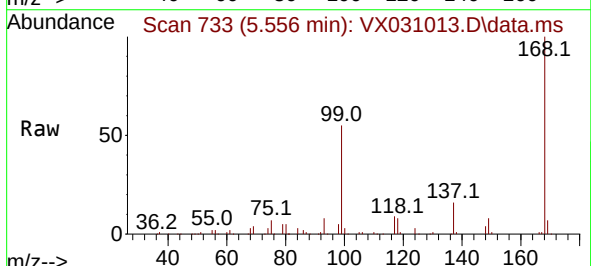
Instrument :
MSVOA_X
ClientSampleId :
TB-01-083022

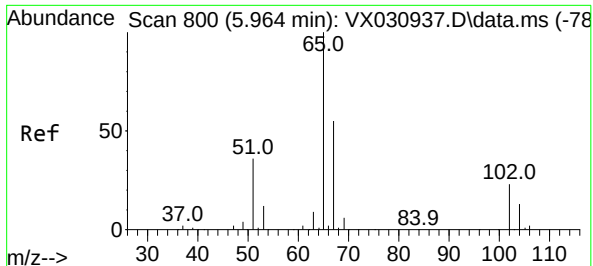
Tgt Ion: 43 Resp: 807
Ion Ratio Lower Upper
43 100
58 12.6 27.7 41.5#



#31
Cyclohexane
Concen: 0.754 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX031013.D
Acq: 01 Sep 2022 06:00

Tgt Ion: 56 Resp: 3509
Ion Ratio Lower Upper
56 100
69 193.6 25.4 38.0#
84 142.1 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 44.601 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031013.D

Acq: 01 Sep 2022 06:00

Instrument :

MSVOA_X

ClientSampleId :

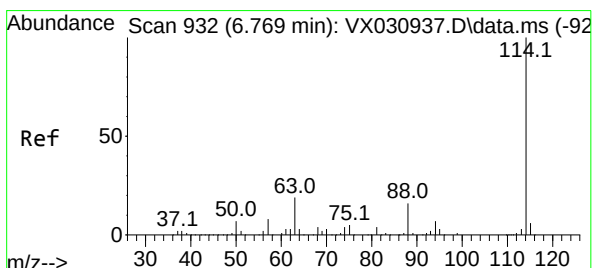
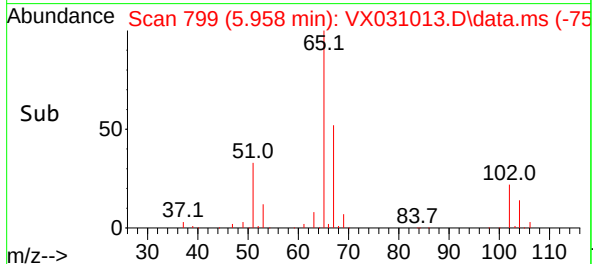
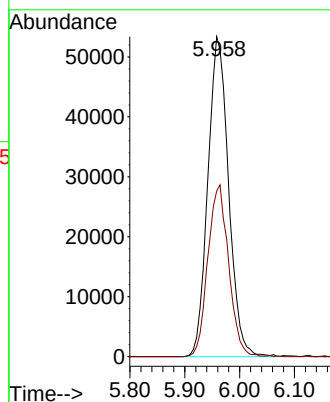
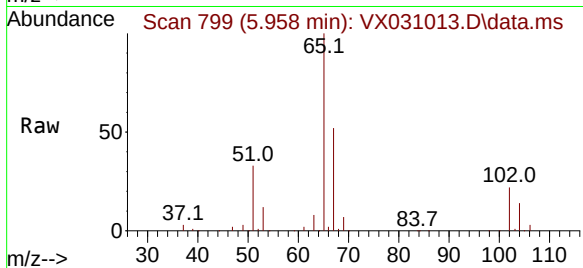
TB-01-083022

Tgt Ion: 65 Resp: 140180

Ion Ratio Lower Upper

65 100

67 53.7 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX031013.D

Acq: 01 Sep 2022 06:00

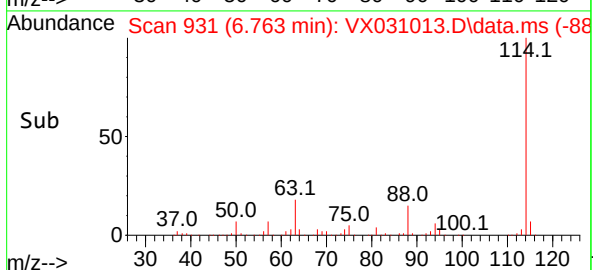
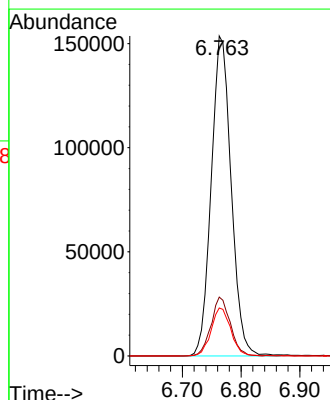
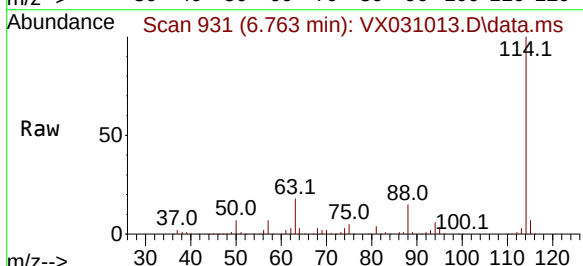
Tgt Ion: 114 Resp: 362058

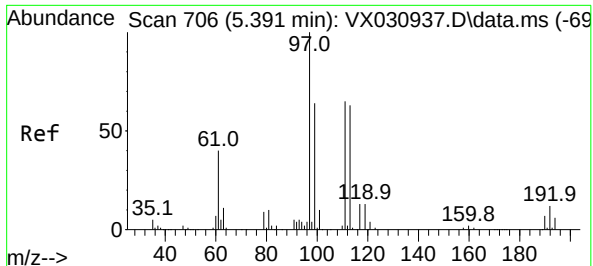
Ion Ratio Lower Upper

114 100

63 18.4 0.0 38.4

88 15.0 0.0 31.8





#35

Dibromofluoromethane

Concen: 48.865 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX031013.D

Acq: 01 Sep 2022 06:00

Instrument :

MSVOA_X

ClientSampleId :

TB-01-083022

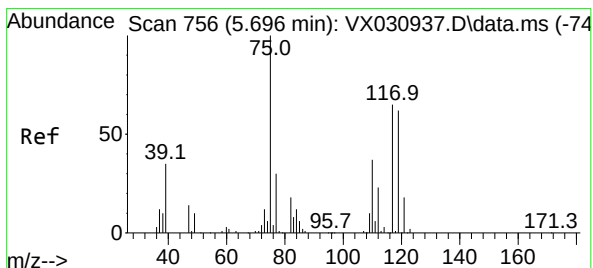
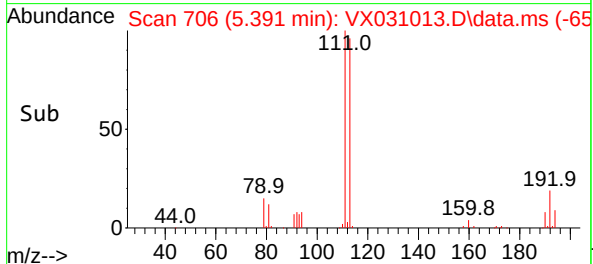
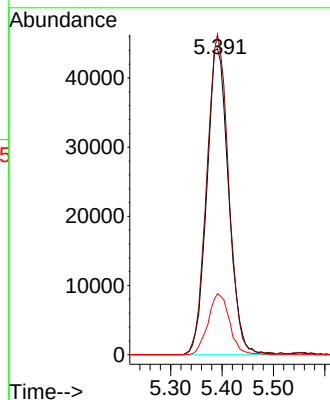
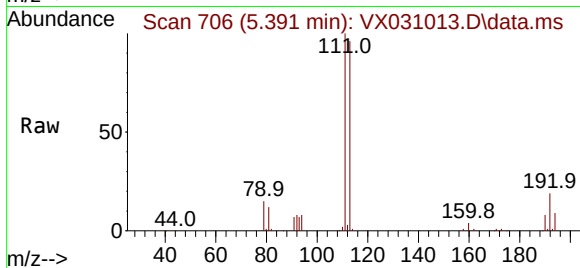
Tgt Ion:113 Resp: 130416

Ion Ratio Lower Upper

113 100

111 104.5 83.2 124.8

192 19.6 14.8 22.2



#36

1,1-Dichloropropene

Concen: 3.835 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.134 min

Lab File: VX031013.D

Acq: 01 Sep 2022 06:00

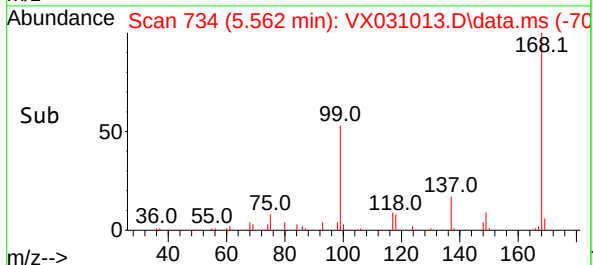
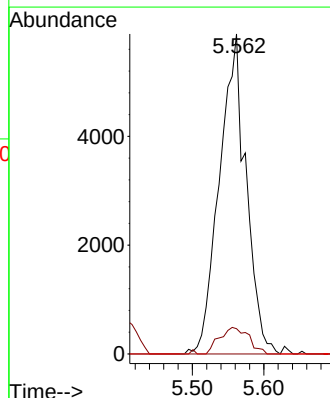
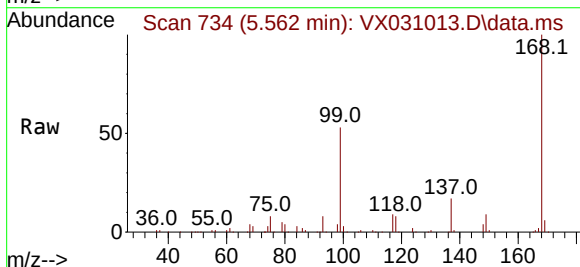
Tgt Ion: 75 Resp: 15214

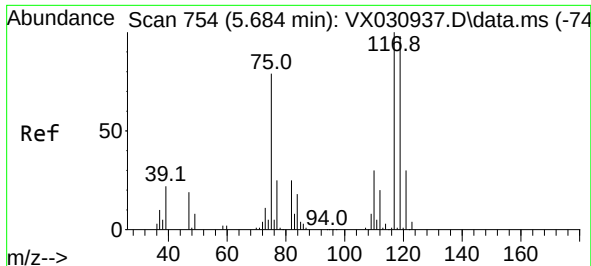
Ion Ratio Lower Upper

75 100

110 9.1 19.3 57.9#

77 0.0 24.4 36.6#

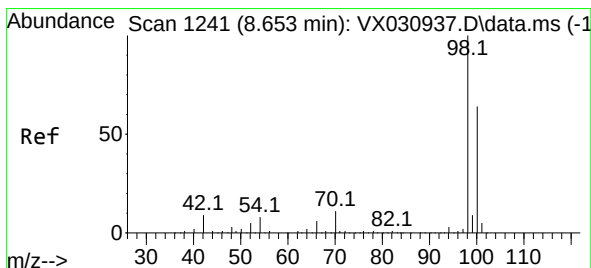
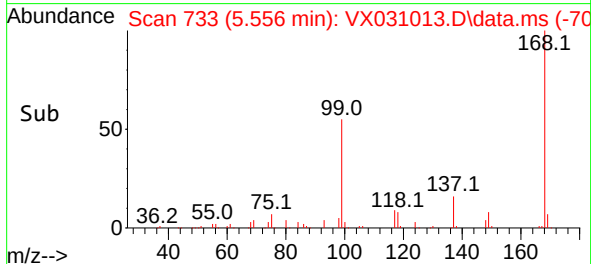
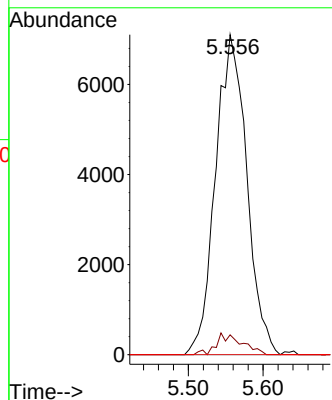
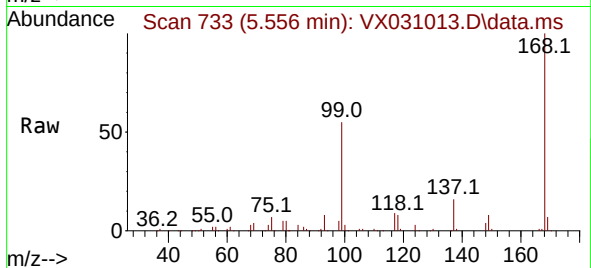




#38
Carbon Tetrachloride
Concen: 5.459 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX031013.D
Acq: 01 Sep 2022 06:00

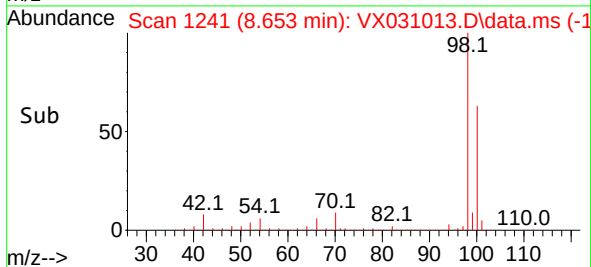
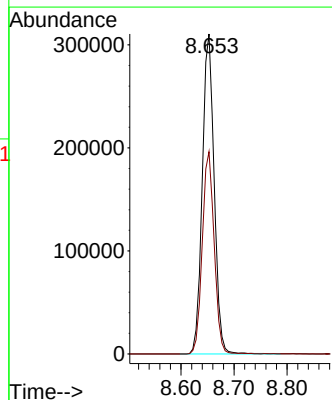
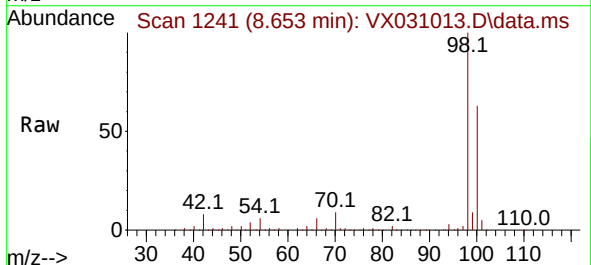
Instrument :
MSVOA_X
ClientSampleId :
TB-01-083022

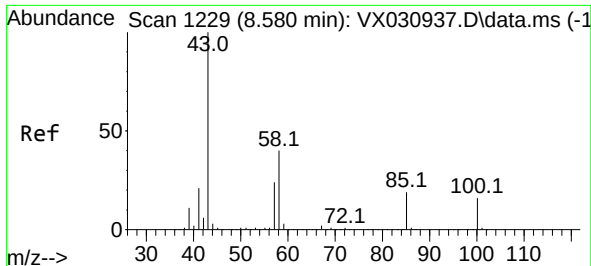
Tgt Ion:117 Resp: 20614
Ion Ratio Lower Upper
117 100
119 6.2 74.1 111.1#
121 0.0 25.8 38.8#



#50
Toluene-d8
Concen: 48.851 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX031013.D
Acq: 01 Sep 2022 06:00

Tgt Ion: 98 Resp: 482840
Ion Ratio Lower Upper
98 100
100 63.4 52.3 78.5

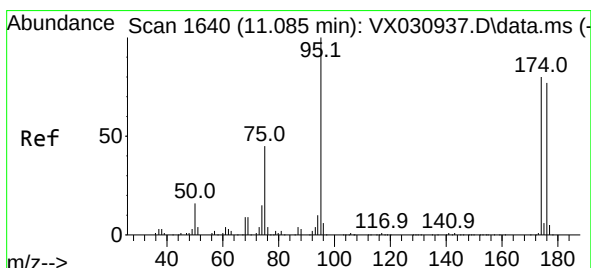
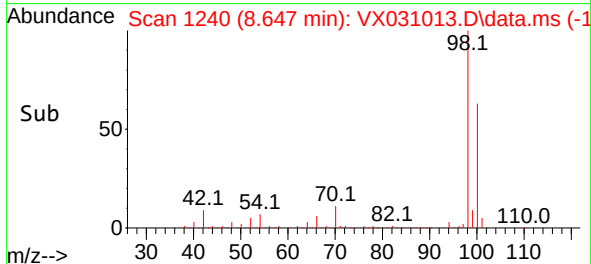
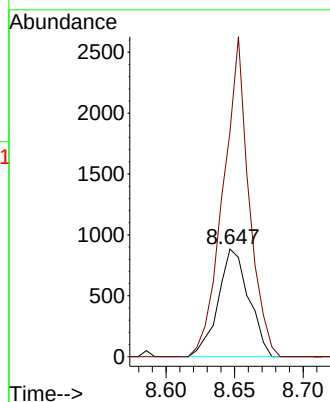
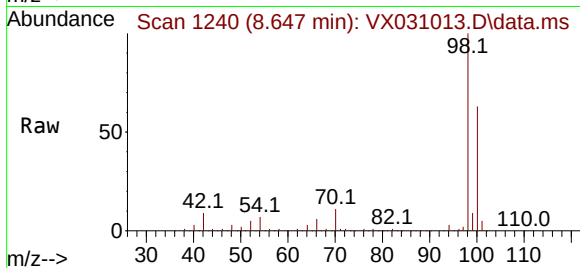




#51
4-Methyl-2-Pentanone
Concen: 0.322 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX031013.D
Acq: 01 Sep 2022 06:00

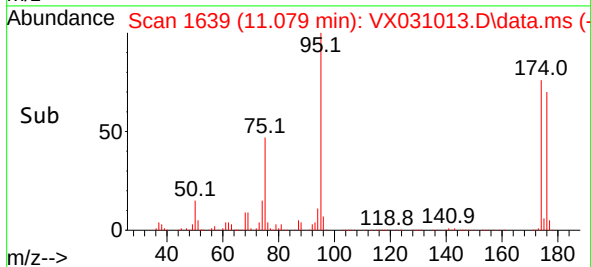
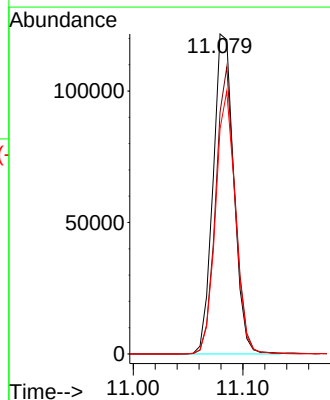
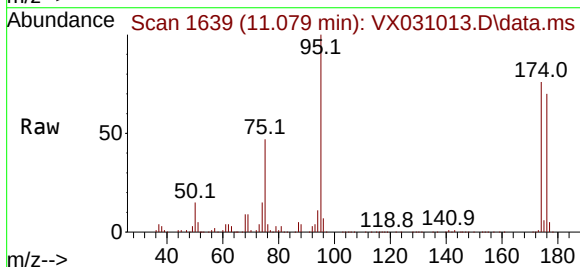
Instrument :
MSVOA_X
ClientSampleId :
TB-01-083022

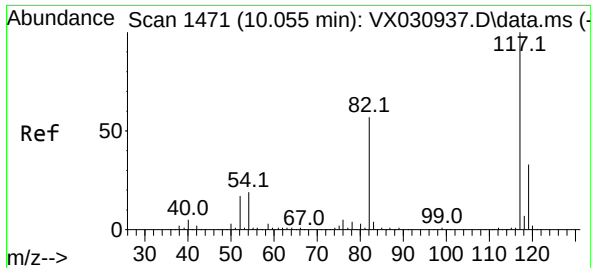
Tgt Ion: 43 Resp: 1376
Ion Ratio Lower Upper
43 100
58 249.7 31.4 47.2#



#62
4-Bromofluorobenzene
Concen: 45.392 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX031013.D
Acq: 01 Sep 2022 06:00

Tgt Ion: 95 Resp: 159768
Ion Ratio Lower Upper
95 100
174 84.3 0.0 149.0
176 78.9 0.0 146.0

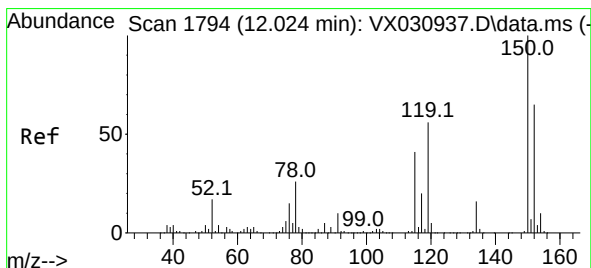
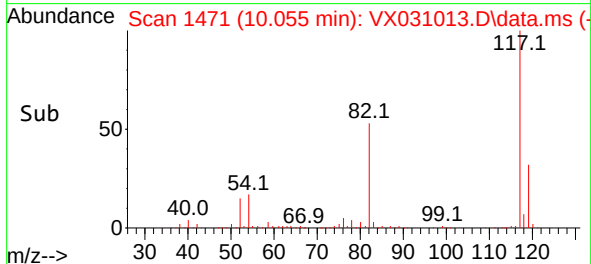
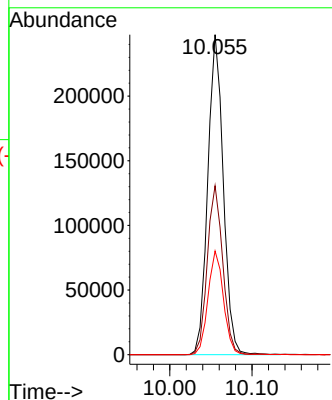
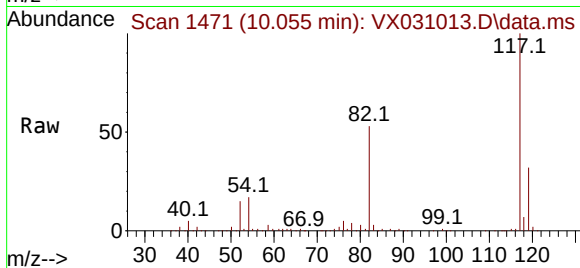




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031013.D
Acq: 01 Sep 2022 06:00

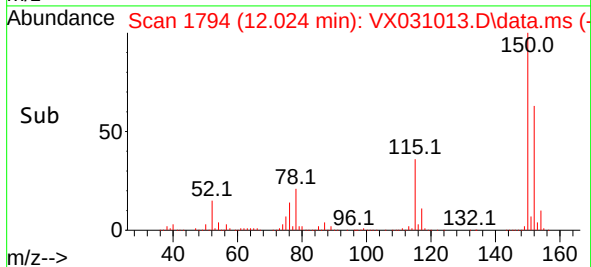
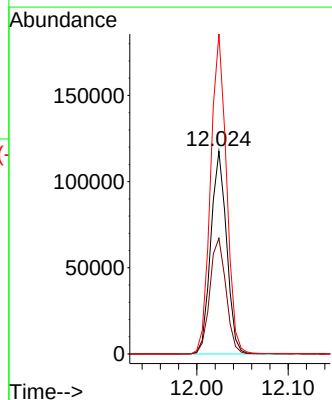
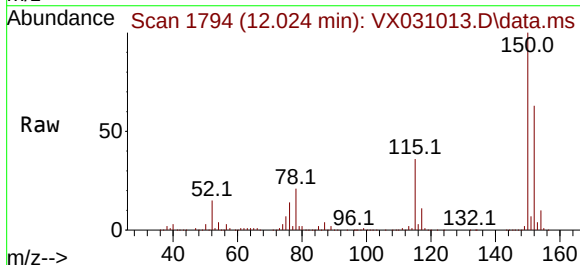
Instrument :
MSVOA_X
ClientSampleId :
TB-01-083022

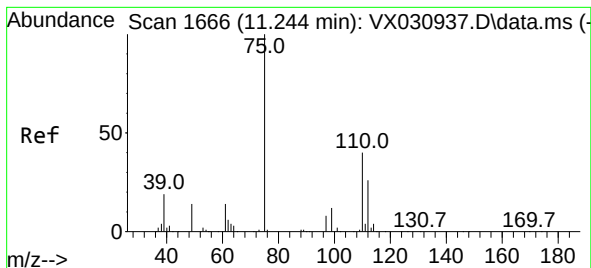
Tgt Ion:117 Resp: 323962
Ion Ratio Lower Upper
117 100
82 52.8 42.7 64.1
119 32.4 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031013.D
Acq: 01 Sep 2022 06:00

Tgt Ion:152 Resp: 141321
Ion Ratio Lower Upper
152 100
115 58.3 40.5 121.5
150 158.5 0.0 347.0





#76

1,2,3-Trichloropropane

Concen: 22.061 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. -0.159 min

Lab File: VX031013.D

Acq: 01 Sep 2022 06:00

Instrument :

MSVOA_X

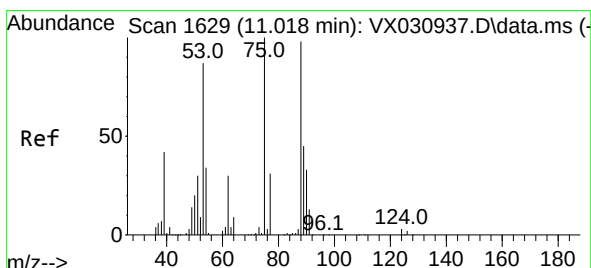
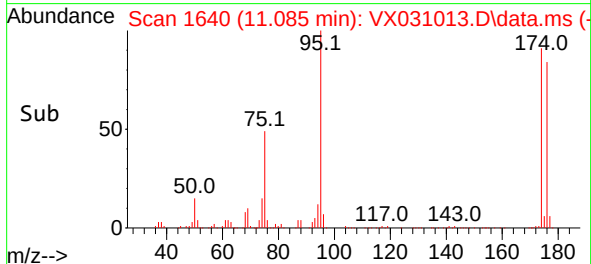
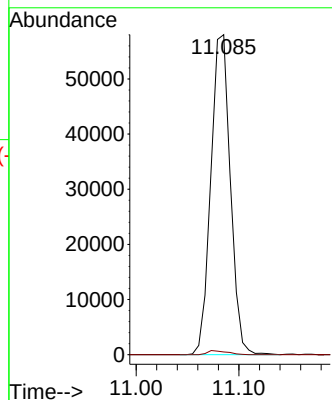
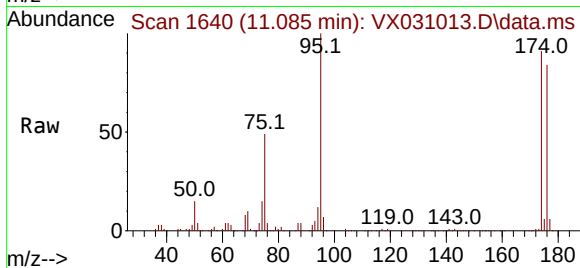
ClientSampleId :

TB-01-083022

Tgt Ion: 75 Resp: 76753

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
75	100		
77	1.3	19.8	59.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 65.590 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.061 min

Lab File: VX031013.D

Acq: 01 Sep 2022 06:00

Tgt Ion: 75 Resp: 76753

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
75	100		
53	0.1	74.2	111.4#
89	0.0	34.8	52.2#

