

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102622\
 Data File : VX032414.D
 Acq On : 26 Oct 2022 19:01
 Operator : JC/MD
 Sample : N5260-04RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-2022-10-21

Quant Time: Oct 27 08:33:45 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)

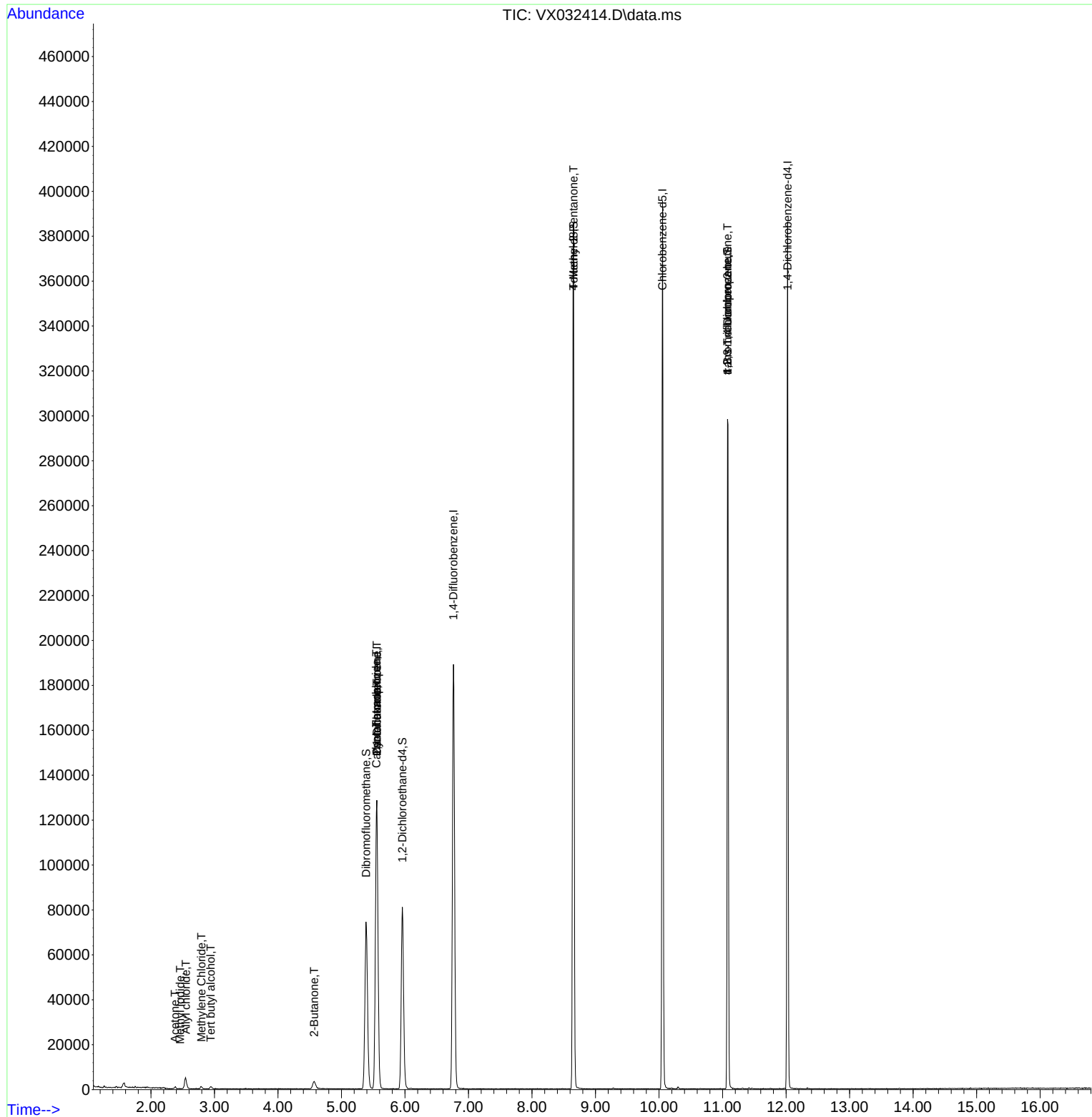
Internal Standards						
1) Pentafluorobenzene	5.556	168	120266	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	194260	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	168637	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	77068	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	79472	47.558	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.120%
35) Dibromofluoromethane	5.385	113	62167	44.864	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.720%
50) Toluene-d8	8.653	98	230396	47.817	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.640%
62) 4-Bromofluorobenzene	11.079	95	78050	41.469	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	82.940%#
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.459	142	23	1.932	ug/l #	37
11) Tert butyl alcohol	2.940	59	672	2.763	ug/l #	72
14) Allyl chloride	2.550	41	723	0.376	ug/l #	73
16) Acetone	2.379	43	912	1.502	ug/l	98
20) Methylene Chloride	2.794	84	622	0.447	ug/l #	76
25) 2-Butanone	4.568	43	201	0.214	ug/l #	47
31) Cyclohexane	5.556	56	2822	1.393	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	9605	4.978	ug/l #	49
38) Carbon Tetrachloride	5.550	117	12697	5.933	ug/l #	15
51) 4-Methyl-2-Pentanone	8.653	43	1091	0.562	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	43202	25.197	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	43202	80.177	ug/l #	6

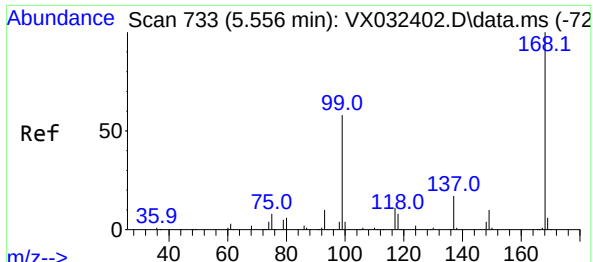
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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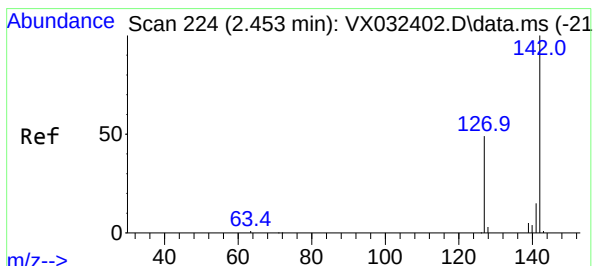
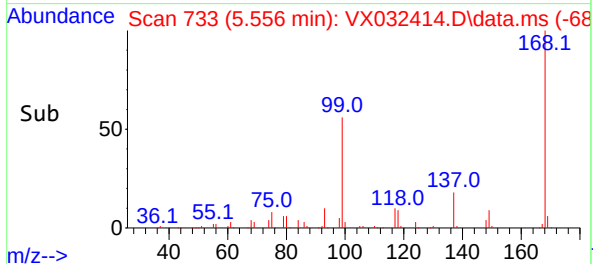
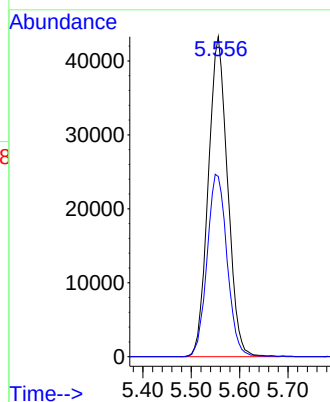
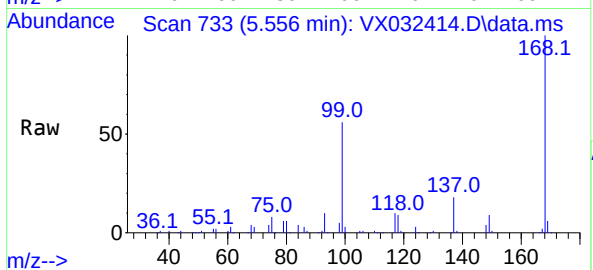




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032414.D
Acq: 26 Oct 2022 19:01

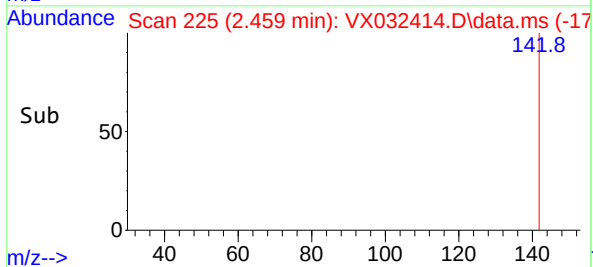
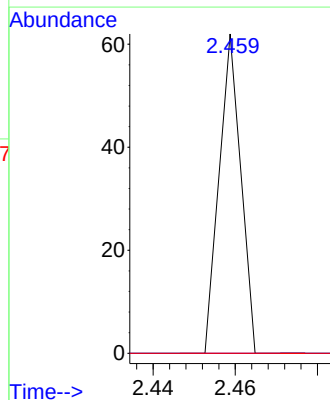
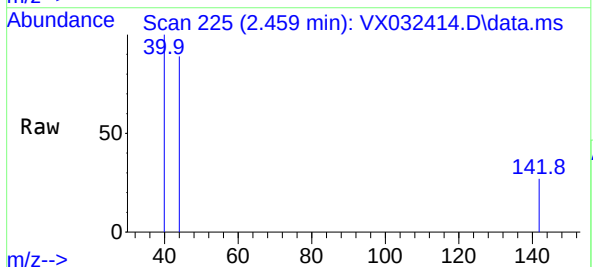
Instrument :
MSVOA_X
ClientSampleId :
TB-2022-10-21

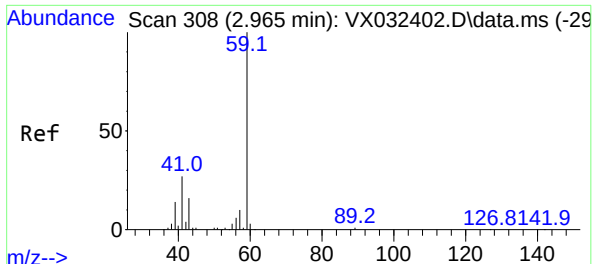
Tgt Ion:168 Resp: 120266
Ion Ratio Lower Upper
168 100
99 56.3 46.1 69.1



#10
Methyl Iodide
Concen: 1.932 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX032414.D
Acq: 26 Oct 2022 19:01

Tgt Ion:142 Resp: 23
Ion Ratio Lower Upper
142 100
127 0.0 38.6 57.8#
141 0.0 11.4 17.2#





#11

Tert butyl alcohol

Concen: 2.763 ug/l

RT: 2.940 min Scan# 308

Delta R.T. -0.025 min

Lab File: VX032414.D

Acq: 26 Oct 2022 19:01

Instrument :

MSVOA_X

ClientSampleId :

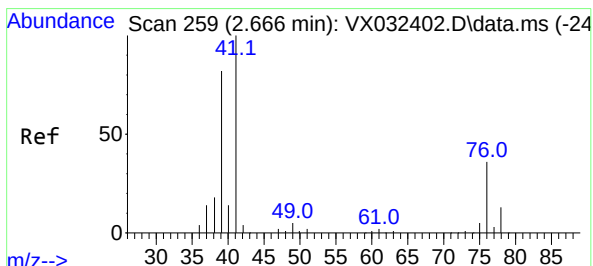
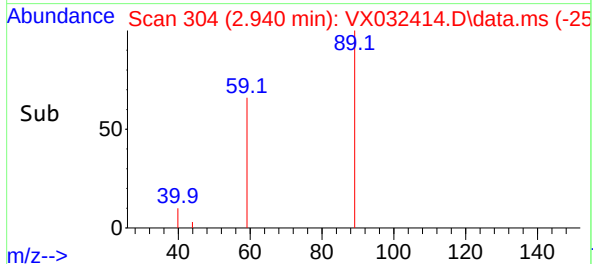
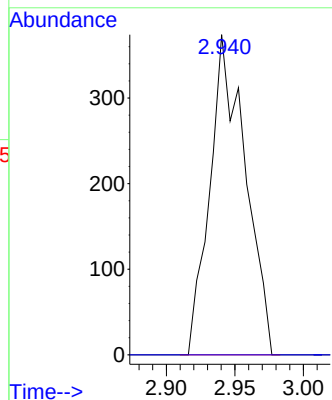
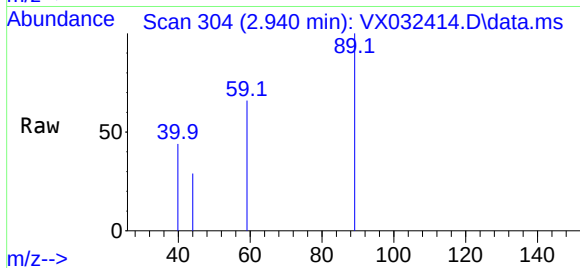
TB-2022-10-21

Tgt Ion: 59 Resp: 672

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#14

Allyl chloride

Concen: 0.376 ug/l

RT: 2.550 min Scan# 240

Delta R.T. -0.116 min

Lab File: VX032414.D

Acq: 26 Oct 2022 19:01

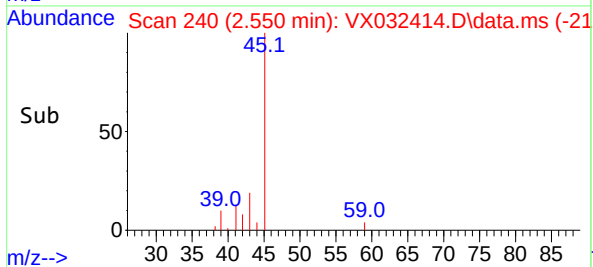
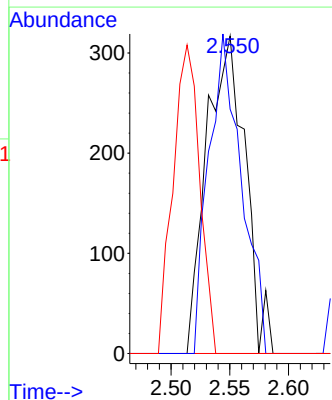
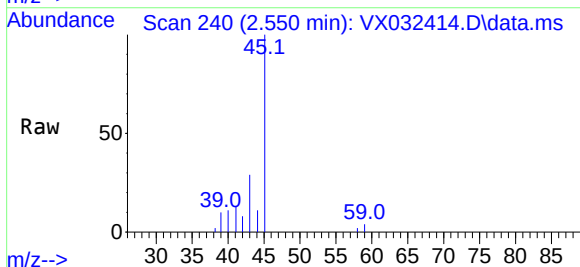
Tgt Ion: 41 Resp: 723

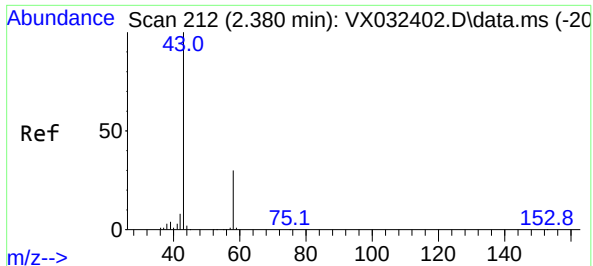
Ion Ratio Lower Upper

41 100

39 85.6 61.4 92.2

76 0.0 29.2 43.8#

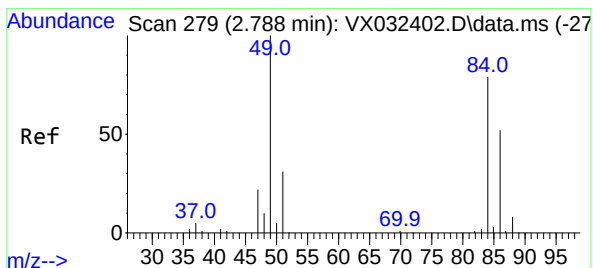
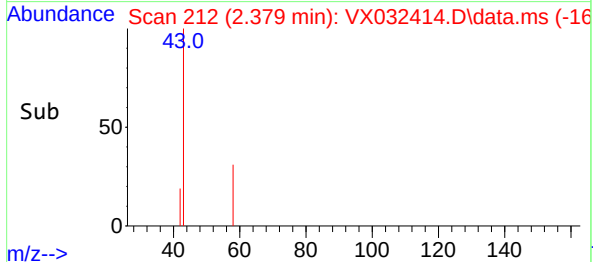
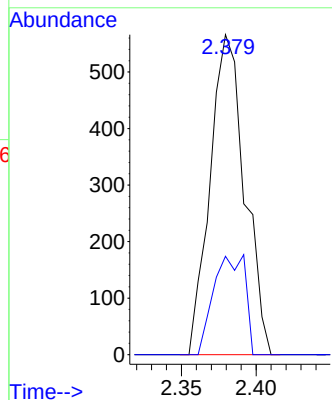
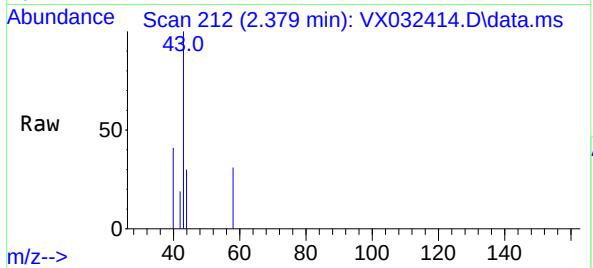




#16
Acetone
Concen: 1.502 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX032414.D
Acq: 26 Oct 2022 19:01

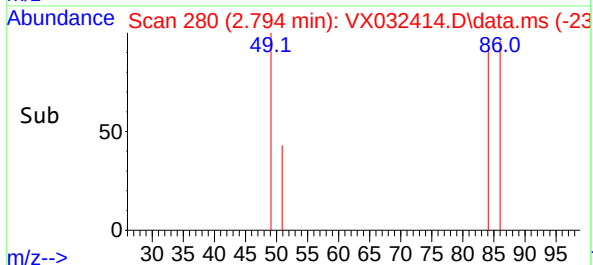
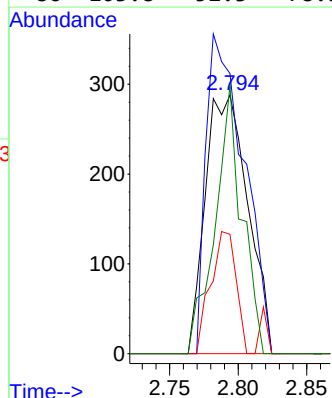
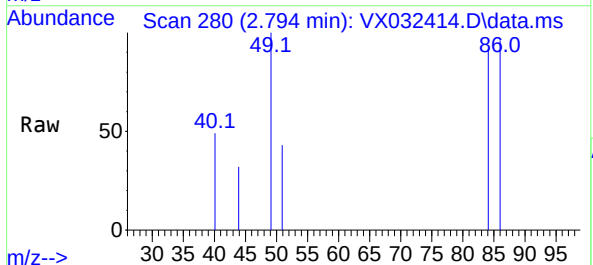
Instrument :
MSVOA_X
ClientSampleId :
TB-2022-10-21

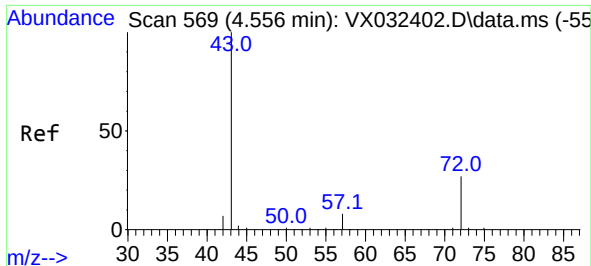
Tgt Ion: 43 Resp: 912
Ion Ratio Lower Upper
43 100
58 30.7 23.8 35.8



#20
Methylene Chloride
Concen: 0.447 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX032414.D
Acq: 26 Oct 2022 19:01

Tgt Ion: 84 Resp: 622
Ion Ratio Lower Upper
84 100
49 108.3 101.0 151.6
51 46.2 31.1 46.7
86 103.8 52.3 78.5#





#25

2-Butanone

Concen: 0.214 ug/l

RT: 4.568 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX032414.D

Acq: 26 Oct 2022 19:01

Instrument :

MSVOA_X

ClientSampleId :

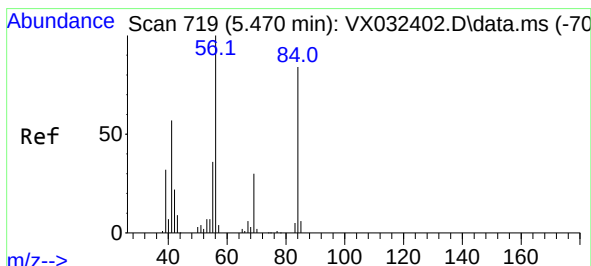
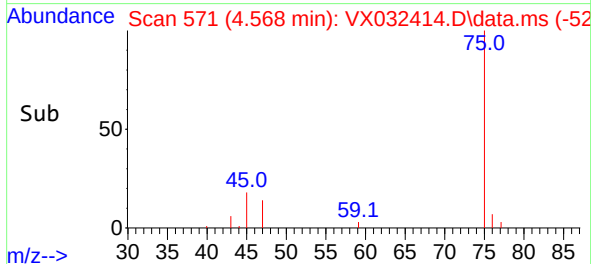
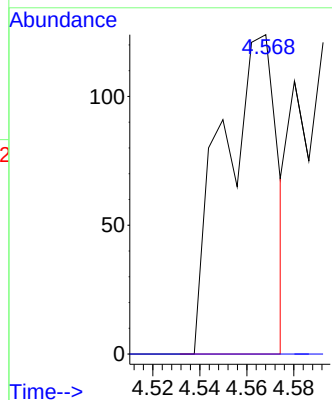
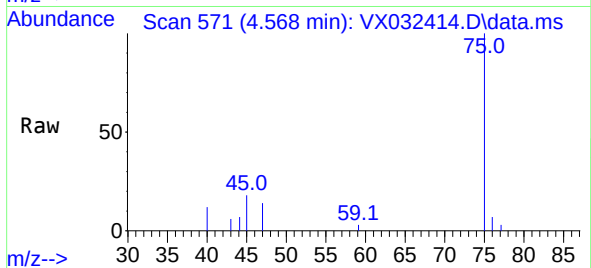
TB-2022-10-21

Tgt Ion: 43 Resp: 201

Ion Ratio Lower Upper

43 100

72 0.0 22.2 33.2#



#31

Cyclohexane

Concen: 1.393 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.085 min

Lab File: VX032414.D

Acq: 26 Oct 2022 19:01

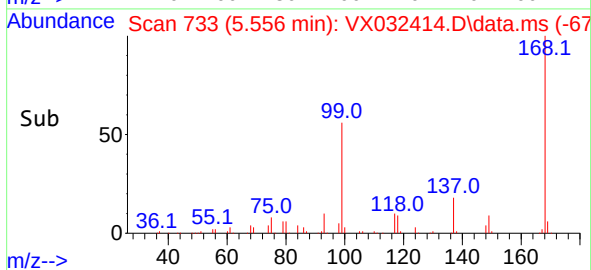
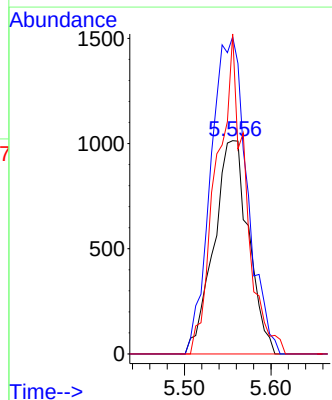
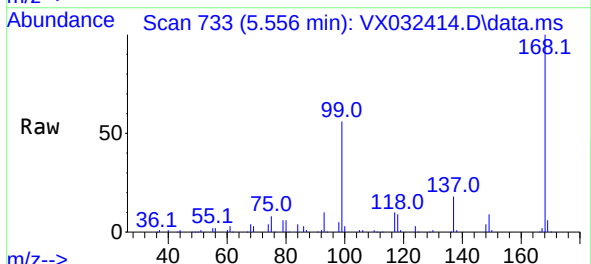
Tgt Ion: 56 Resp: 2822

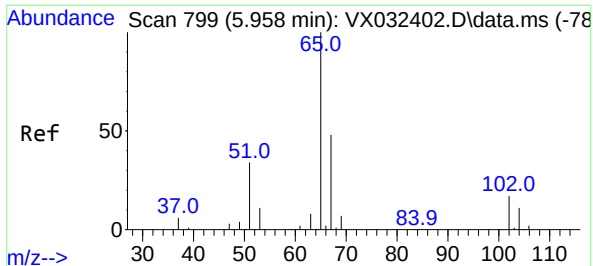
Ion Ratio Lower Upper

56 100

69 148.6 24.1 36.1#

84 150.0 66.9 100.3#





#33

1,2-Dichloroethane-d4

Concen: 47.558 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX032414.D

Acq: 26 Oct 2022 19:01

Instrument :

MSVOA_X

ClientSampleId :

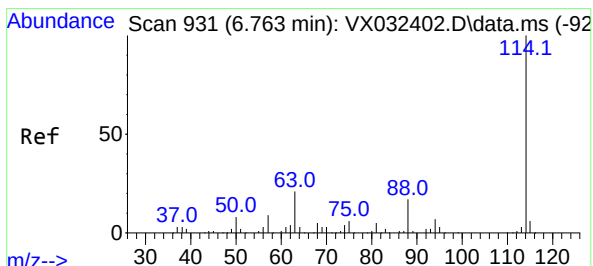
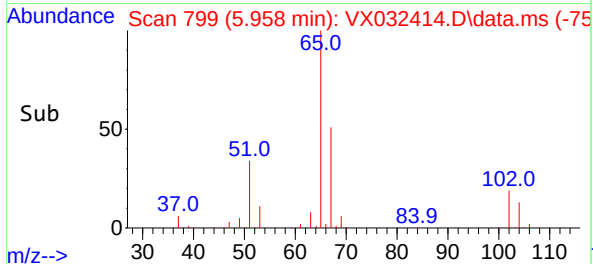
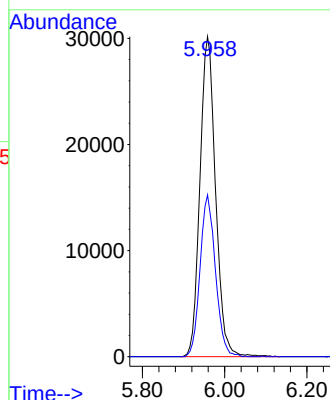
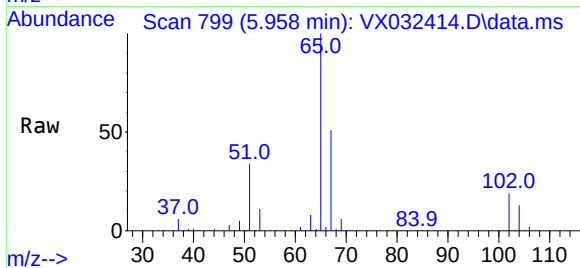
TB-2022-10-21

Tgt Ion: 65 Resp: 79472

Ion Ratio Lower Upper

65 100

67 49.7 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: VX032414.D

Acq: 26 Oct 2022 19:01

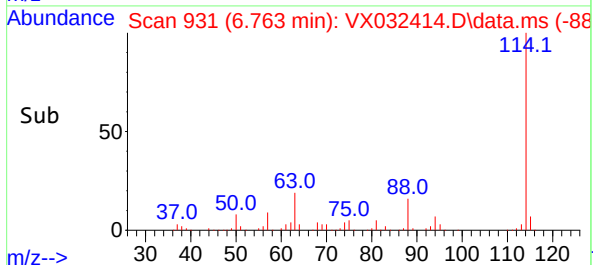
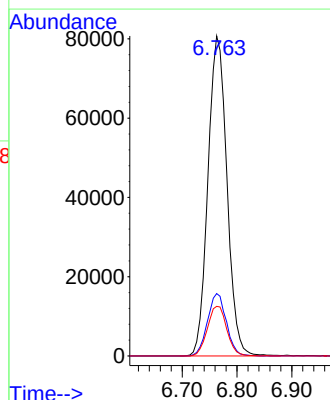
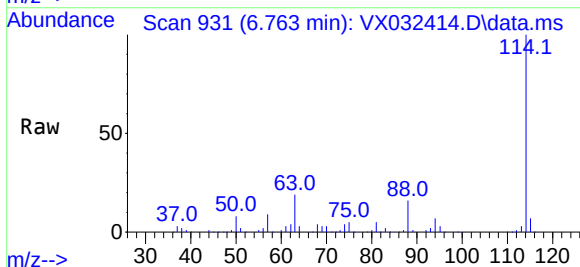
Tgt Ion: 114 Resp: 194260

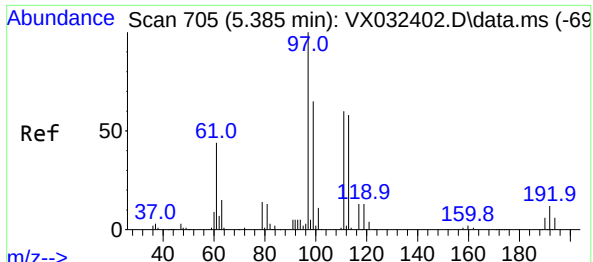
Ion Ratio Lower Upper

114 100

63 19.5 0.0 41.6

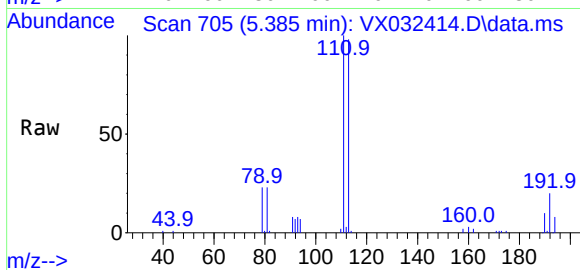
88 15.5 0.0 33.4





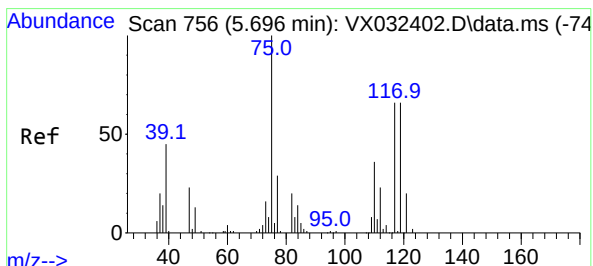
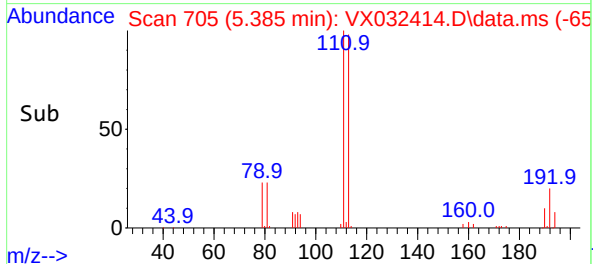
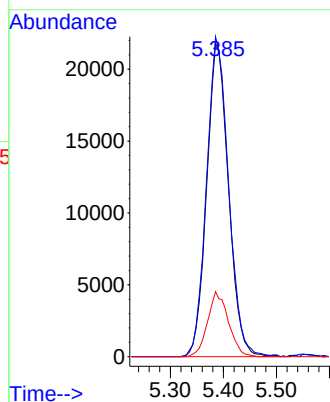
#35
Dibromofluoromethane
Concen: 44.864 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX032414.D
Acq: 26 Oct 2022 19:01

Instrument :
MSVOA_X
ClientSampleId :
TB-2022-10-21



Tgt Ion: 113 Resp: 62167

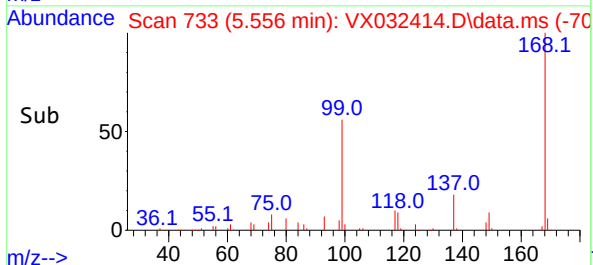
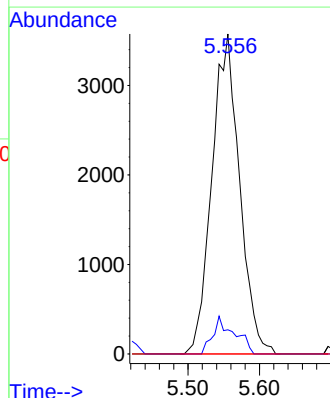
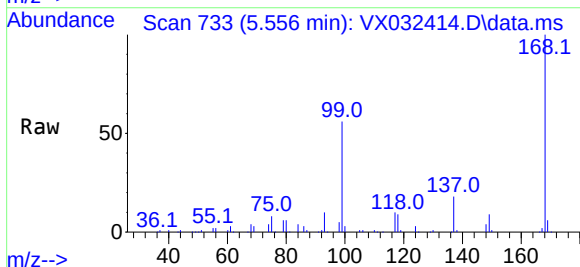
Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.4	123.6
192	19.8	15.4	23.2

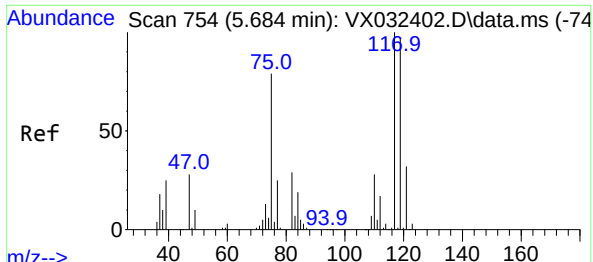


#36
1,1-Dichloropropene
Concen: 4.978 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX032414.D
Acq: 26 Oct 2022 19:01

Tgt Ion: 75 Resp: 9605

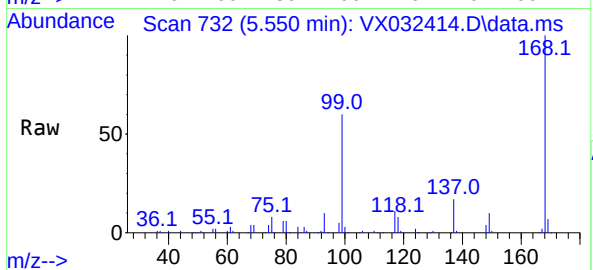
Ion	Ratio	Lower	Upper
75	100		
110	9.2	18.4	55.2#
77	0.0	24.5	36.7#



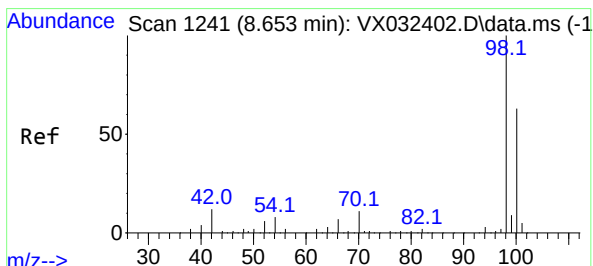
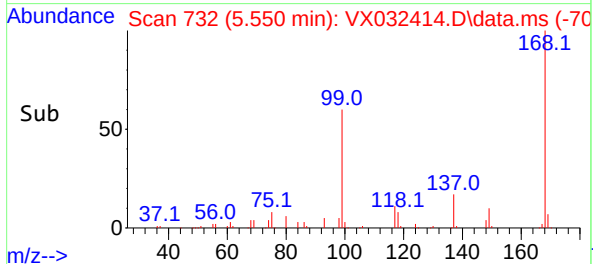
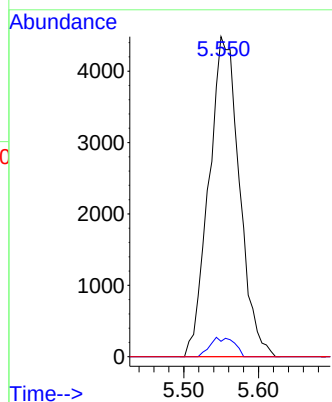


#38
Carbon Tetrachloride
Concen: 5.933 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX032414.D
Acq: 26 Oct 2022 19:01

Instrument :
MSVOA_X
ClientSampleId :
TB-2022-10-21

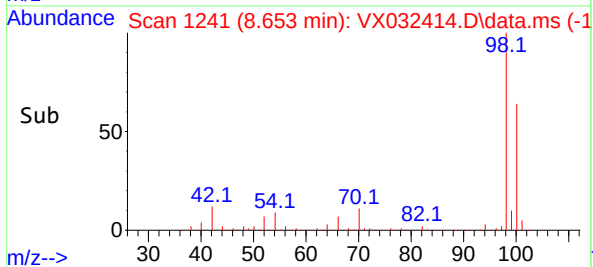
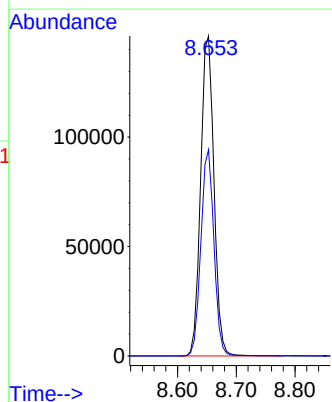
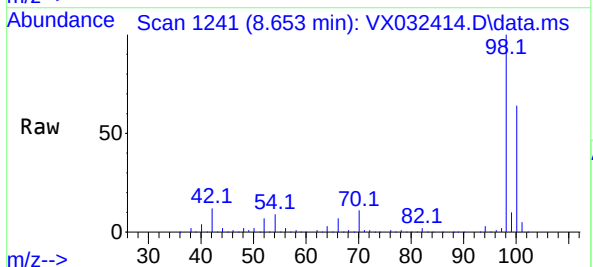


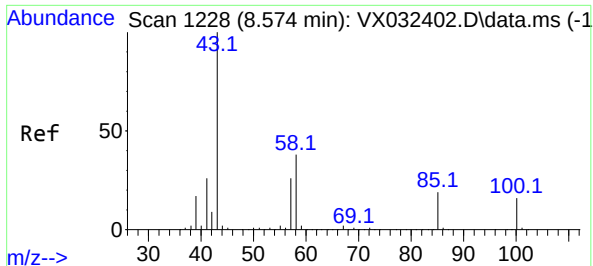
Tgt Ion:117 Resp: 12697
Ion Ratio Lower Upper
117 100
119 4.8 77.2 115.8#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 47.817 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX032414.D
Acq: 26 Oct 2022 19:01

Tgt Ion: 98 Resp: 230396
Ion Ratio Lower Upper
98 100
100 63.2 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 0.562 ug/l

RT: 8.653 min Scan# 11

Delta R.T. 0.079 min

Lab File: VX032414.D

Acq: 26 Oct 2022 19:01

Instrument :

MSVOA_X

ClientSampleId :

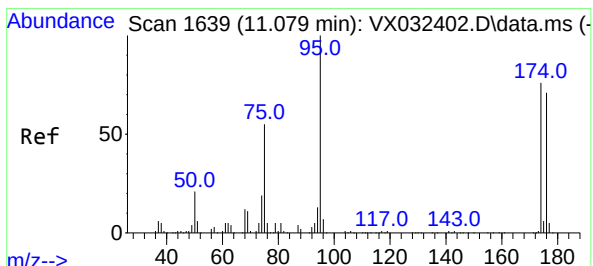
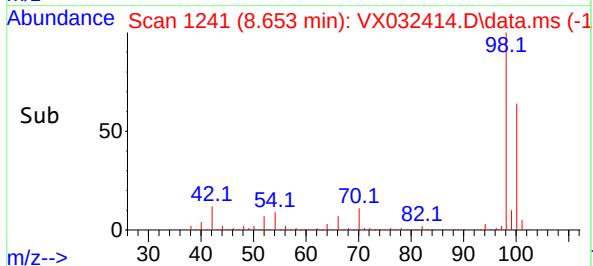
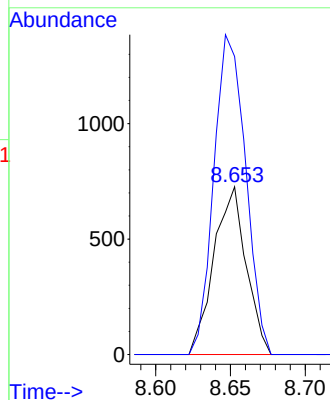
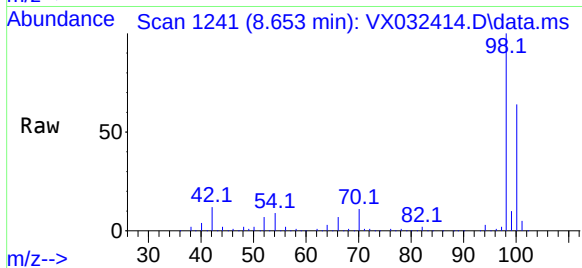
TB-2022-10-21

Tgt Ion: 43 Resp: 1091

Ion Ratio Lower Upper

43 100

58 187.7 30.9 46.3#



#62

4-Bromofluorobenzene

Concen: 41.469 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX032414.D

Acq: 26 Oct 2022 19:01

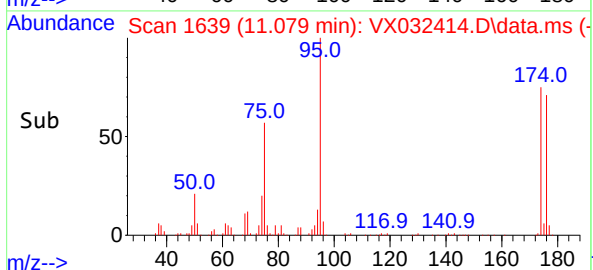
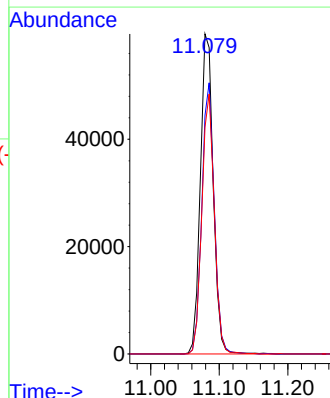
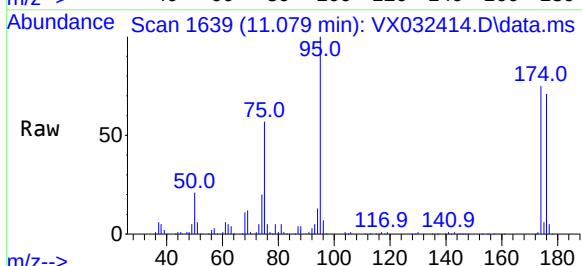
Tgt Ion: 95 Resp: 78050

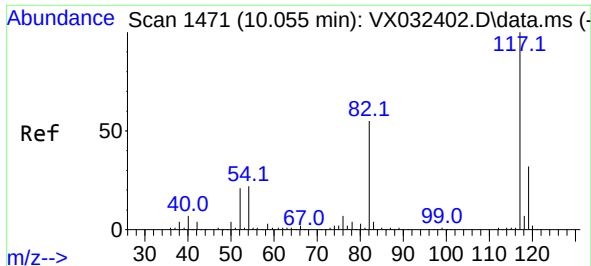
Ion Ratio Lower Upper

95 100

174 81.9 0.0 164.0

176 78.9 0.0 154.4

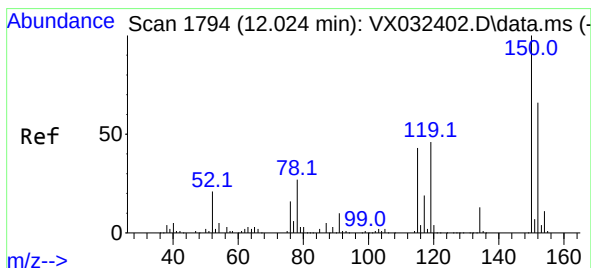
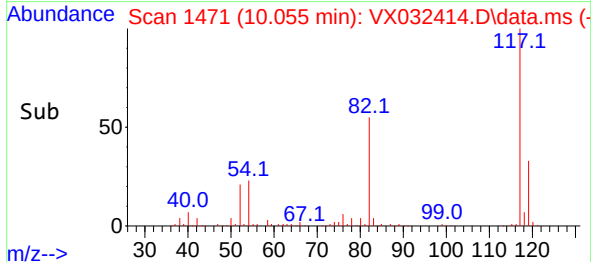
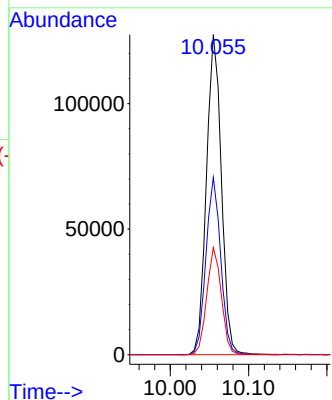
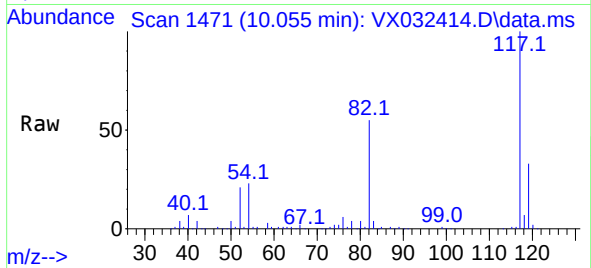




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032414.D
Acq: 26 Oct 2022 19:01

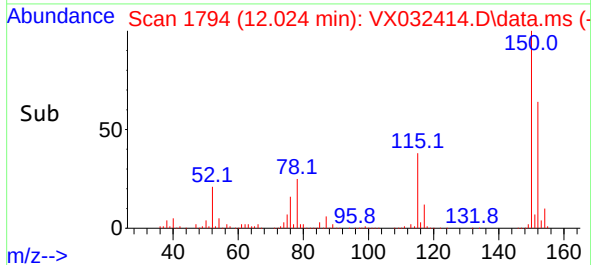
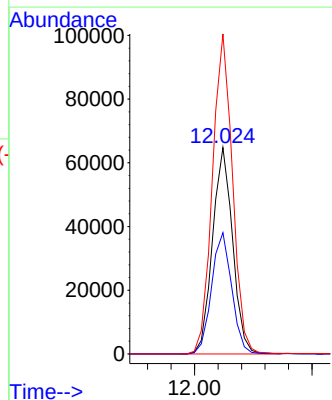
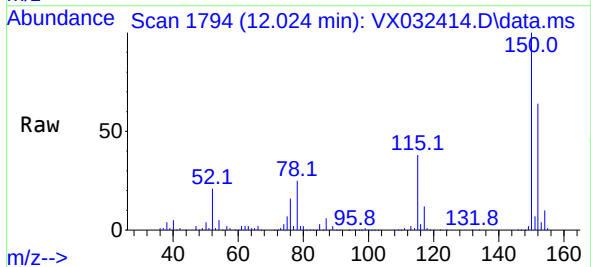
Instrument :
MSVOA_X
ClientSampleId :
TB-2022-10-21

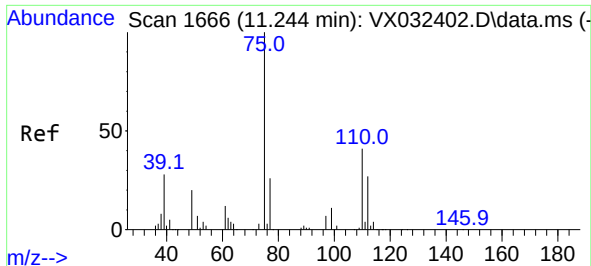
Tgt Ion:117 Resp: 168637
Ion Ratio Lower Upper
117 100
82 55.4 44.3 66.5
119 33.4 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX032414.D
Acq: 26 Oct 2022 19:01

Tgt Ion:152 Resp: 77068
Ion Ratio Lower Upper
152 100
115 59.0 44.0 132.0
150 154.9 0.0 351.8

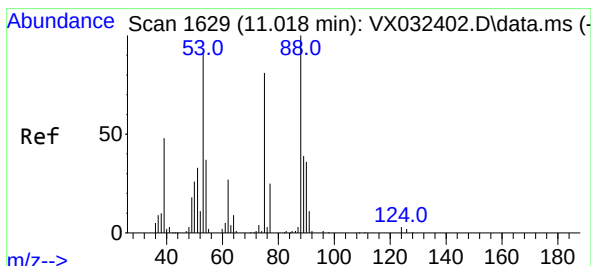
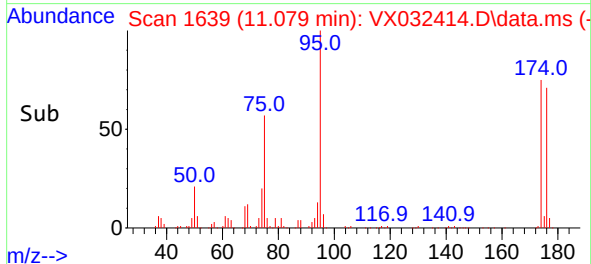
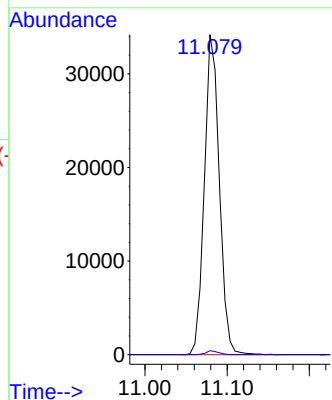
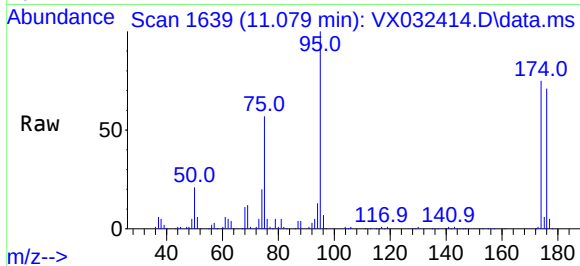




#76
1,2,3-Trichloropropane
Concen: 25.197 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032414.D
Acq: 26 Oct 2022 19:01

Instrument :
MSVOA_X
ClientSampleId :
TB-2022-10-21

Tgt Ion: 75 Resp: 43202
Ion Ratio Lower Upper
75 100
77 1.0 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 80.177 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032414.D
Acq: 26 Oct 2022 19:01

Tgt Ion: 75 Resp: 43202
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

