

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102722\
 Data File : VX032421.D
 Acq On : 27 Oct 2022 12:14
 Operator : JC/MD
 Sample : VX1027WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1027WBL01

Quant Time: Oct 28 07:11:59 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)

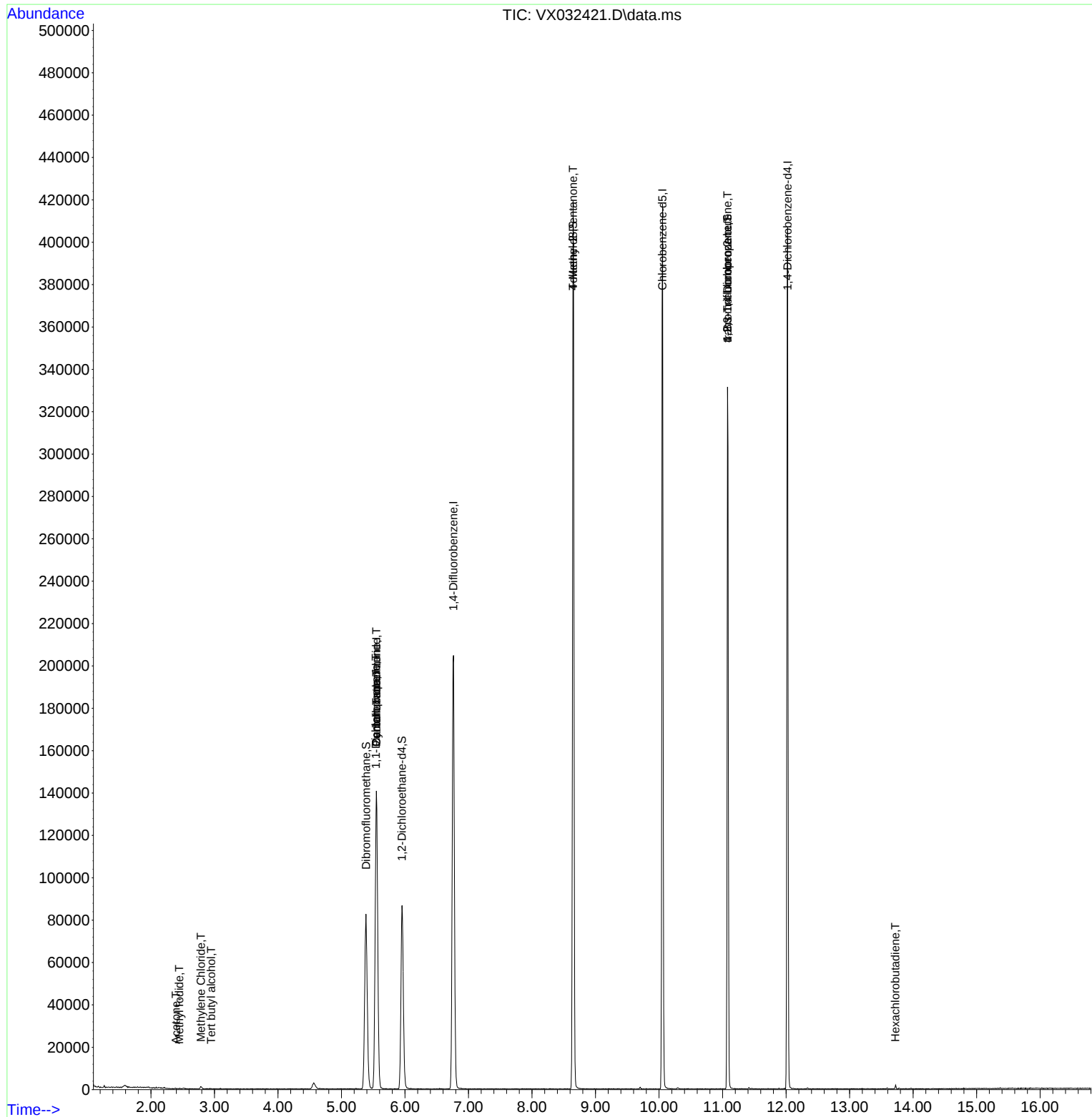
Internal Standards						
1) Pentafluorobenzene	5.550	168	129727	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	207946	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	180739	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	82262	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	84194	46.709	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.420%
35) Dibromofluoromethane	5.385	113	68825	46.400	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.800%
50) Toluene-d8	8.647	98	249415	48.357	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.720%
62) 4-Bromofluorobenzene	11.079	95	83306	41.348	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	82.700%#
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.447	142	136	2.001	ug/l #	37
11) Tert butyl alcohol	2.947	59	116	0.442	ug/l #	72
16) Acetone	2.392	43	249	0.380	ug/l #	45
20) Methylene Chloride	2.788	84	602	0.401	ug/l #	76
31) Cyclohexane	5.550	56	2912	1.332	ug/l #	27
36) 1,1-Dichloropropene	5.544	75	10285	4.979	ug/l #	49
38) Carbon Tetrachloride	5.550	117	13966	6.096	ug/l #	14
51) 4-Methyl-2-Pentanone	8.647	43	1129	0.543	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	44534	24.334	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	44534	77.431	ug/l #	6
94) Hexachlorobutadiene	13.719	225	395	0.488	ug/l	88

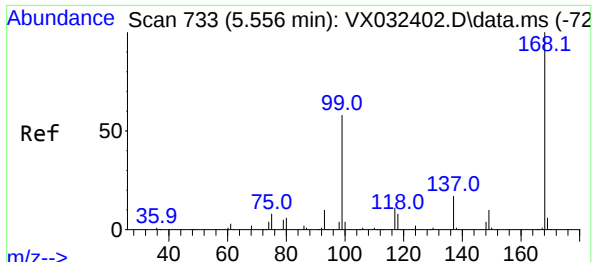
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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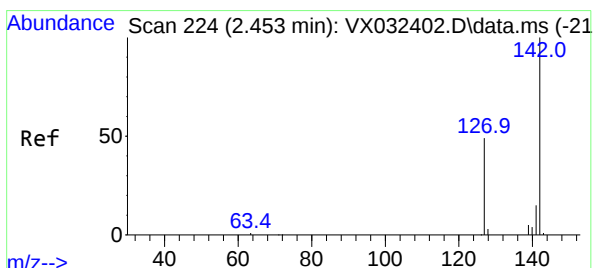
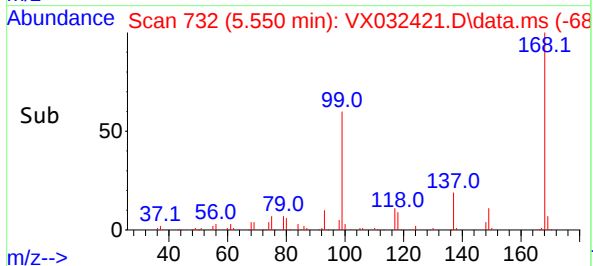
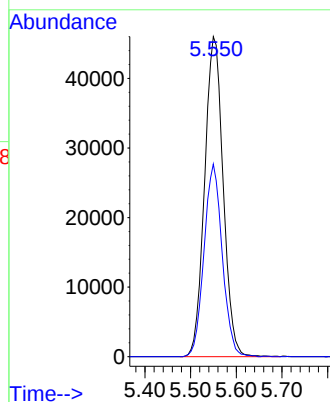
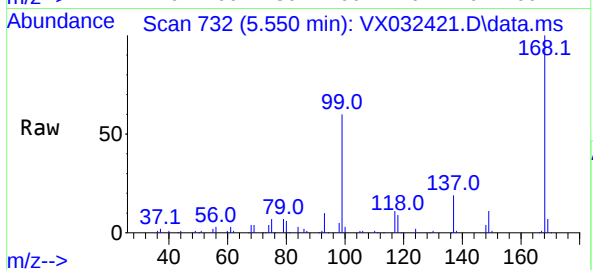




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032421.D
Acq: 27 Oct 2022 12:14

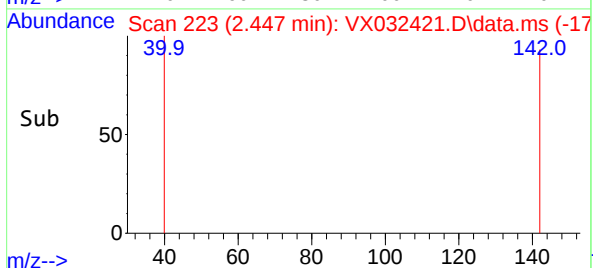
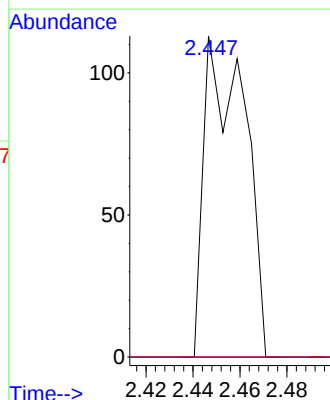
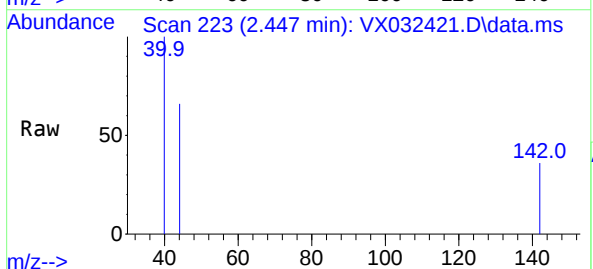
Instrument :
MSVOA_X
ClientSampleId :
VX1027WBL01

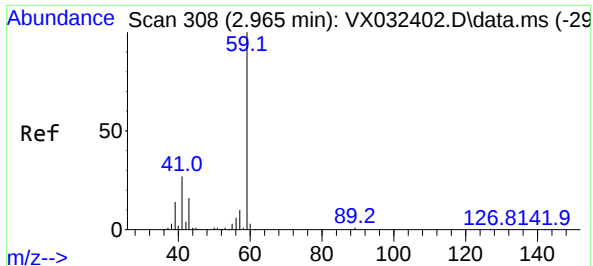
Tgt Ion:168 Resp: 129727
Ion Ratio Lower Upper
168 100
99 60.2 46.1 69.1



#10
Methyl Iodide
Concen: 2.001 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.006 min
Lab File: VX032421.D
Acq: 27 Oct 2022 12:14

Tgt Ion:142 Resp: 136
Ion Ratio Lower Upper
142 100
127 0.0 38.6 57.8#
141 0.0 11.4 17.2#

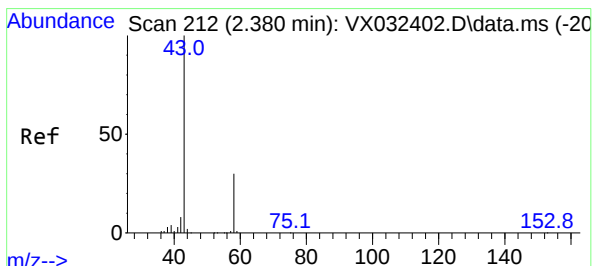
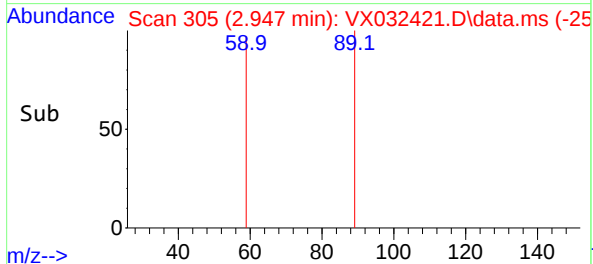
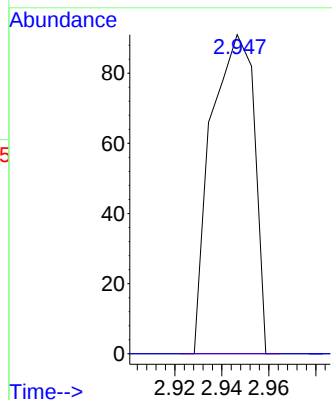
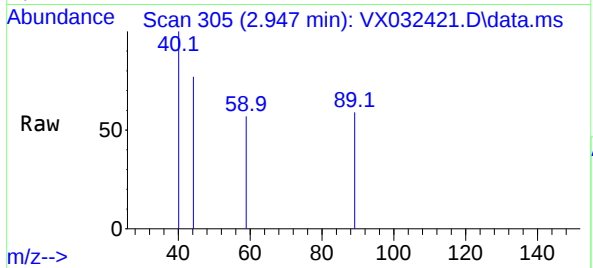




#11
Tert butyl alcohol
Concen: 0.442 ug/l
RT: 2.947 min Scan# 30
Delta R.T. -0.018 min
Lab File: VX032421.D
Acq: 27 Oct 2022 12:14

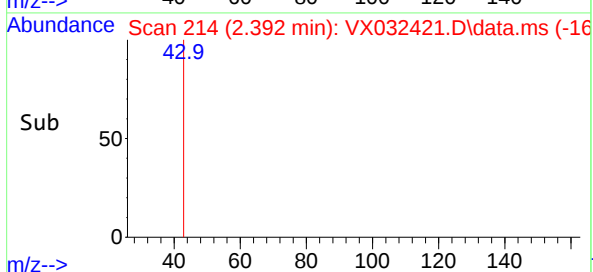
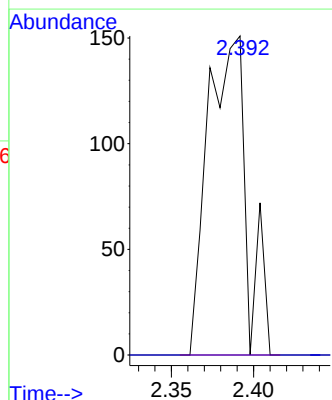
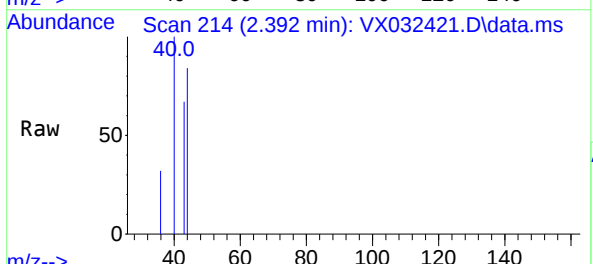
Instrument :
MSVOA_X
ClientSampleId :
VX1027WBL01

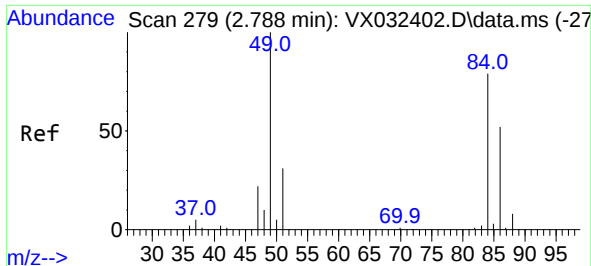
Tgt Ion: 59 Resp: 116
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#16
Acetone
Concen: 0.380 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.012 min
Lab File: VX032421.D
Acq: 27 Oct 2022 12:14

Tgt Ion: 43 Resp: 249
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#





#20

Methylene Chloride

Concen: 0.401 ug/l

RT: 2.788 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX032421.D

Acq: 27 Oct 2022 12:14

Instrument :

MSVOA_X

ClientSampleId :

VX1027WBL01

Tgt Ion: 84 Resp: 602

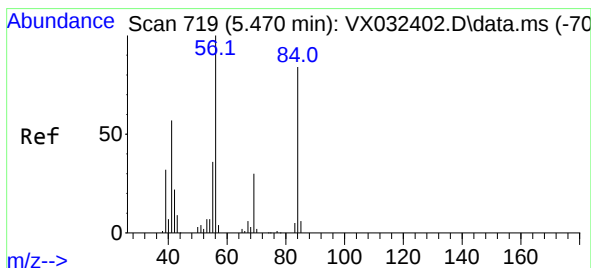
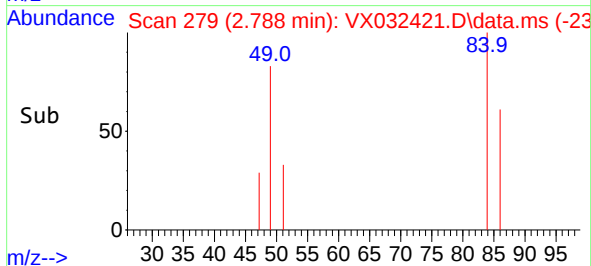
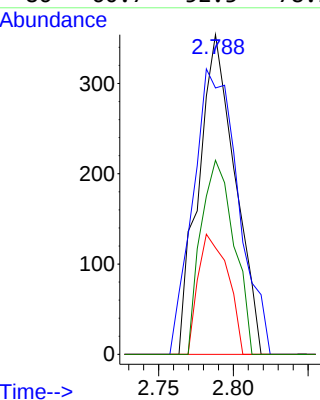
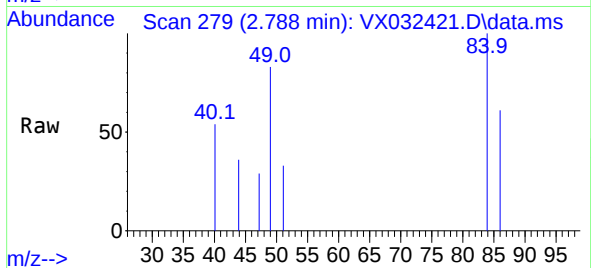
Ion Ratio Lower Upper

84 100

49 83.3 101.0 151.6#

51 33.3 31.1 46.7

86 60.7 52.3 78.5



#31

Cyclohexane

Concen: 1.332 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX032421.D

Acq: 27 Oct 2022 12:14

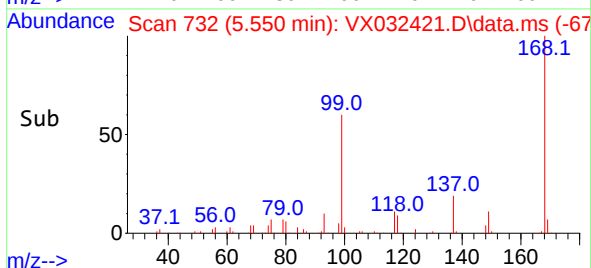
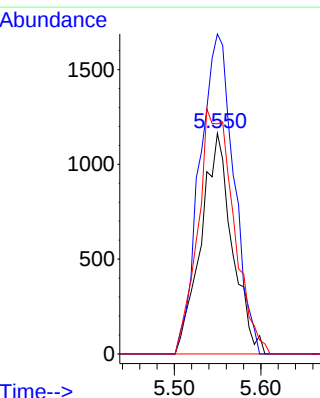
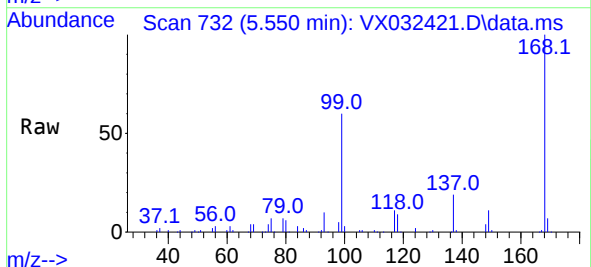
Tgt Ion: 56 Resp: 2912

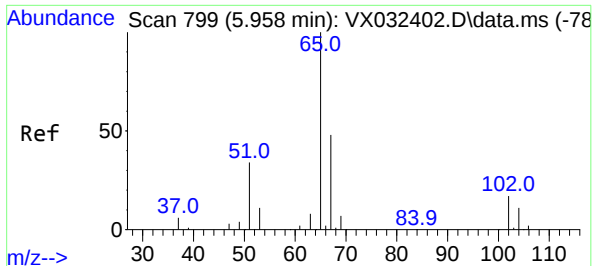
Ion Ratio Lower Upper

56 100

69 145.0 24.1 36.1#

84 104.3 66.9 100.3#





#33

1,2-Dichloroethane-d4

Concen: 46.709 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX032421.D

Acq: 27 Oct 2022 12:14

Instrument :

MSVOA_X

ClientSampleId :

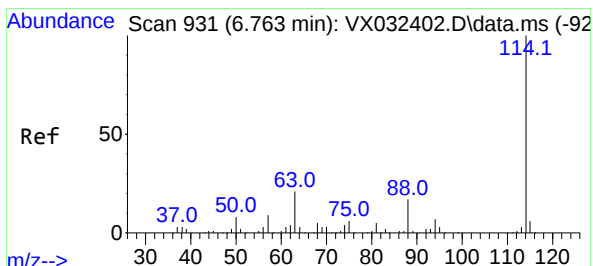
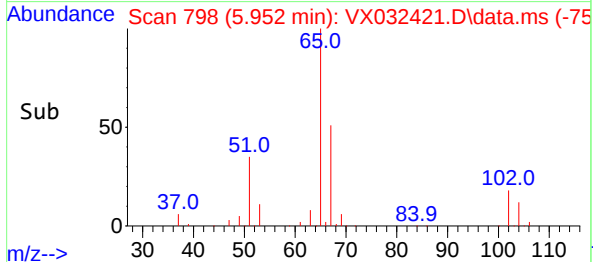
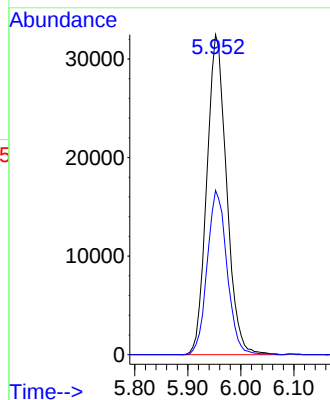
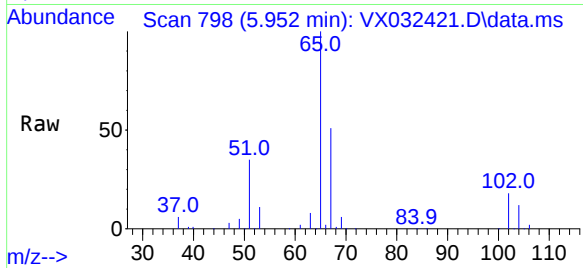
VX1027WBL01

Tgt Ion: 65 Resp: 84194

Ion Ratio Lower Upper

65 100

67 51.3 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: VX032421.D

Acq: 27 Oct 2022 12:14

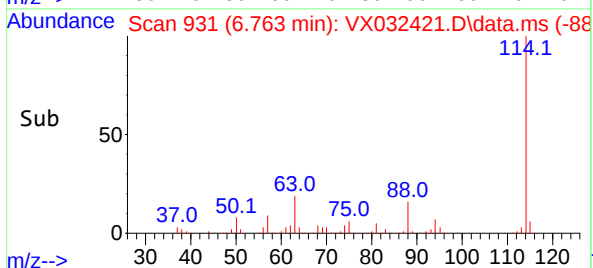
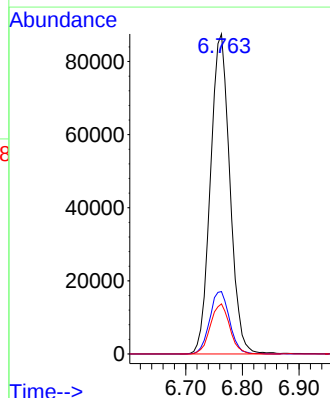
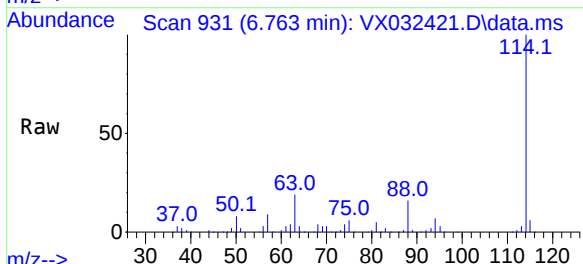
Tgt Ion: 114 Resp: 207946

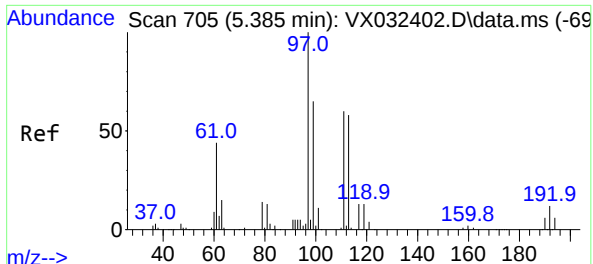
Ion Ratio Lower Upper

114 100

63 19.5 0.0 41.6

88 15.7 0.0 33.4

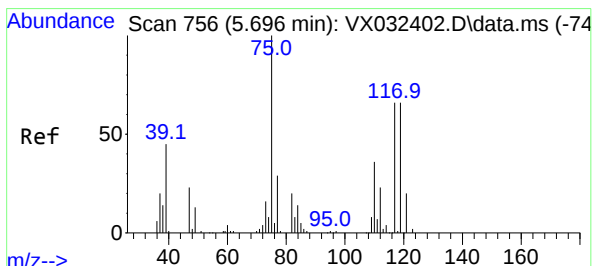
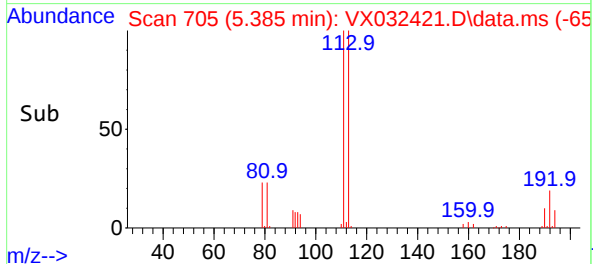
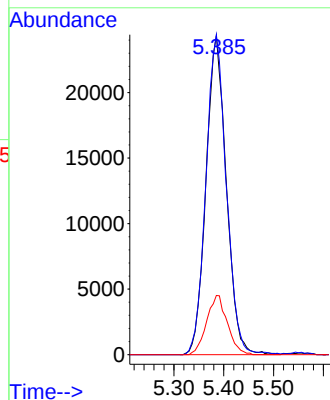
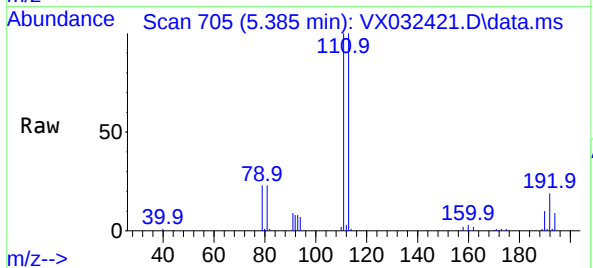




#35
Dibromofluoromethane
Concen: 46.400 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX032421.D
Acq: 27 Oct 2022 12:14

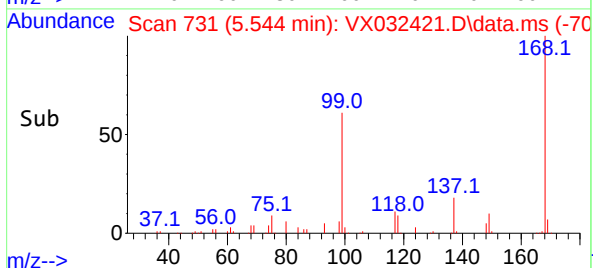
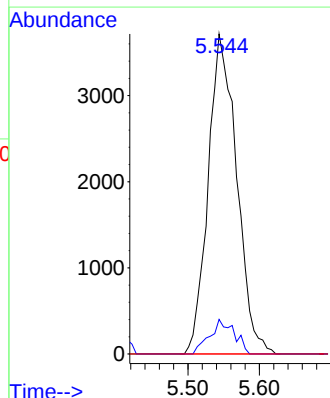
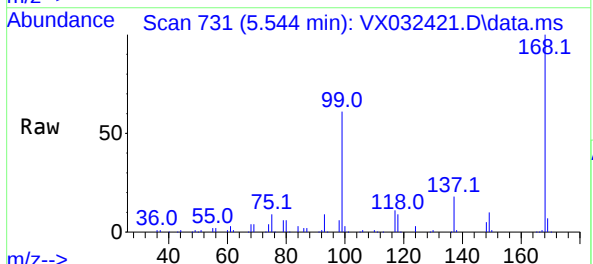
Instrument :
MSVOA_X
ClientSampleId :
VX1027WBL01

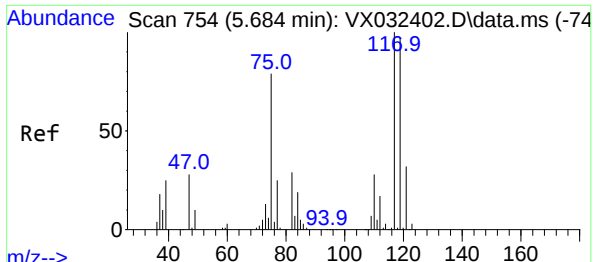
Tgt Ion:113 Resp: 68825
Ion Ratio Lower Upper
113 100
111 101.1 82.4 123.6
192 18.9 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.979 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.152 min
Lab File: VX032421.D
Acq: 27 Oct 2022 12:14

Tgt Ion: 75 Resp: 10285
Ion Ratio Lower Upper
75 100
110 9.3 18.4 55.2#
77 0.0 24.5 36.7#

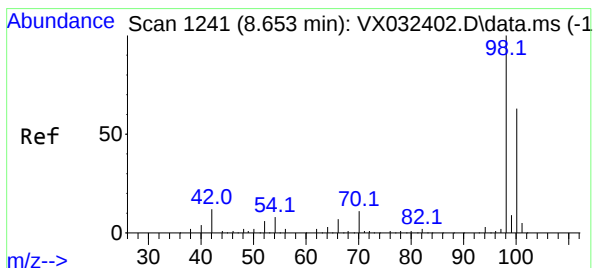
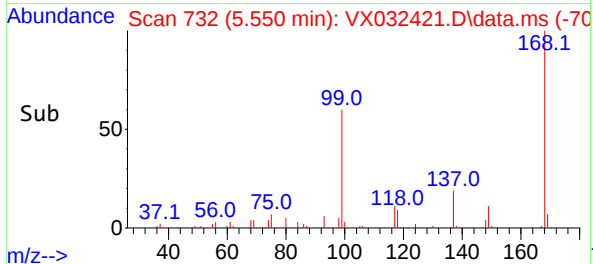
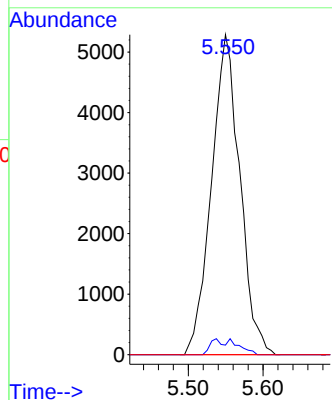
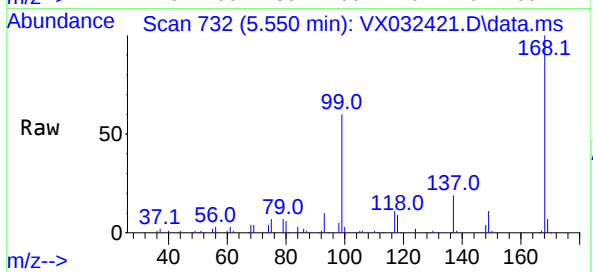




#38
Carbon Tetrachloride
Concen: 6.096 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX032421.D
Acq: 27 Oct 2022 12:14

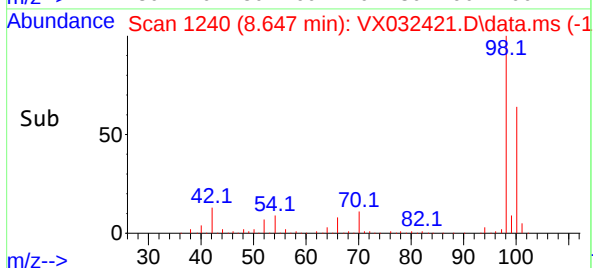
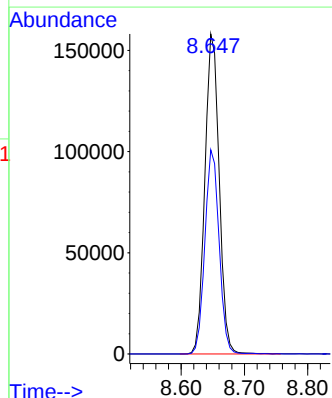
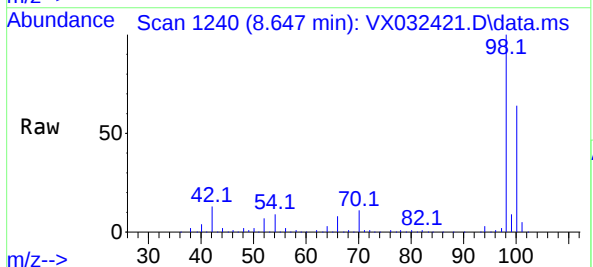
Instrument :
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VX1027WBL01

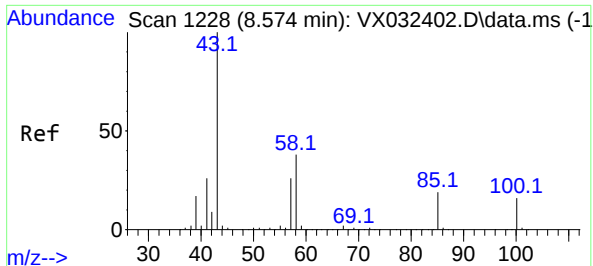
Tgt Ion:117 Resp: 13966
Ion Ratio Lower Upper
117 100
119 3.0 77.2 115.8#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 48.357 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032421.D
Acq: 27 Oct 2022 12:14

Tgt Ion: 98 Resp: 249415
Ion Ratio Lower Upper
98 100
100 63.4 50.9 76.3

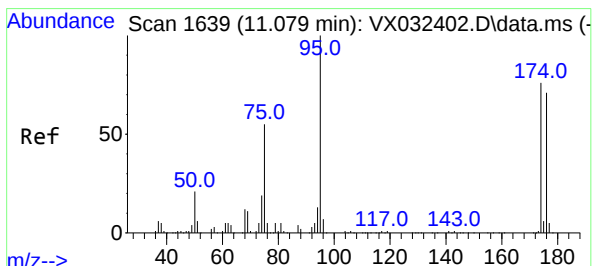
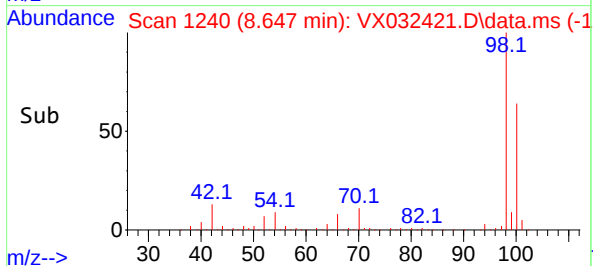
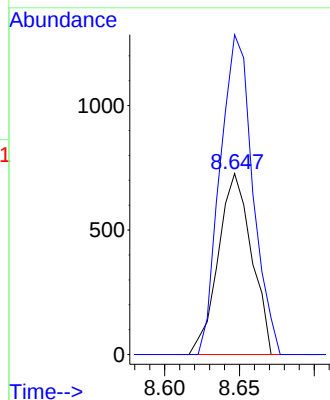
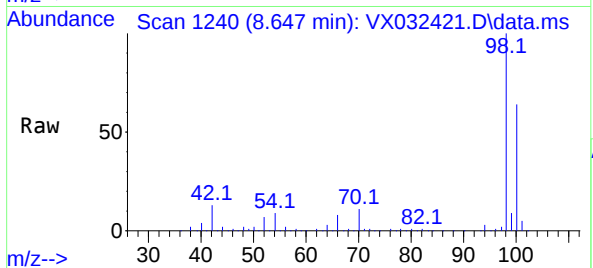




#51
4-Methyl-2-Pentanone
Concen: 0.543 ug/l
RT: 8.647 min Scan# 1129
Delta R.T. 0.073 min
Lab File: VX032421.D
Acq: 27 Oct 2022 12:14

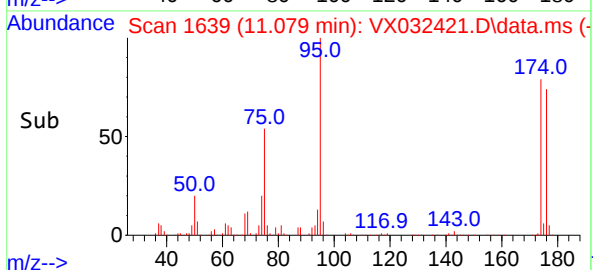
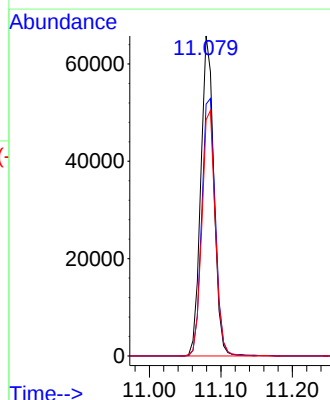
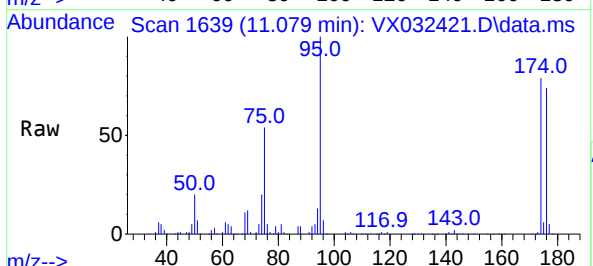
Instrument :
MSVOA_X
ClientSampleId :
VX1027WBL01

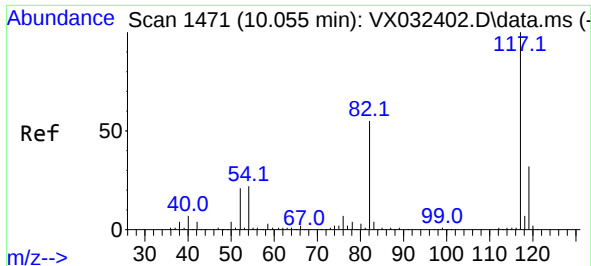
Tgt Ion: 43 Resp: 1129
Ion Ratio Lower Upper
43 100
58 173.0 30.9 46.3#



#62
4-Bromofluorobenzene
Concen: 41.348 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX032421.D
Acq: 27 Oct 2022 12:14

Tgt Ion: 95 Resp: 83306
Ion Ratio Lower Upper
95 100
174 84.0 0.0 164.0
176 78.9 0.0 154.4

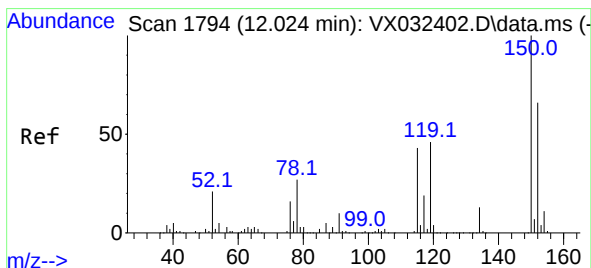
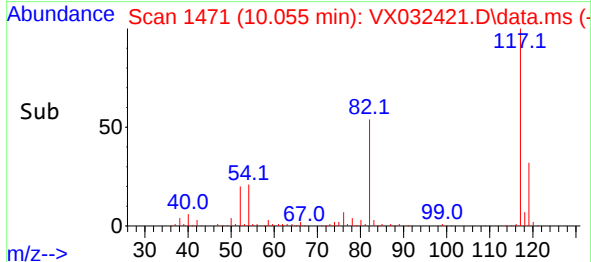
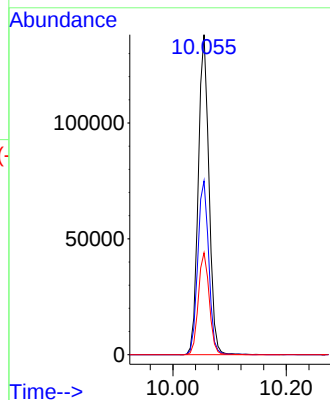
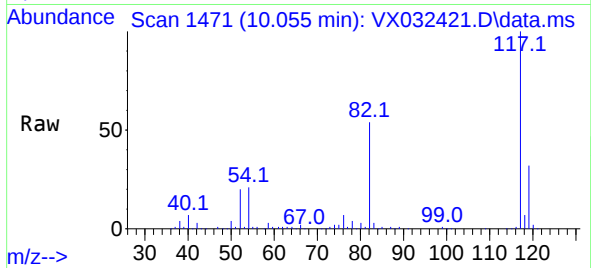




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032421.D
Acq: 27 Oct 2022 12:14

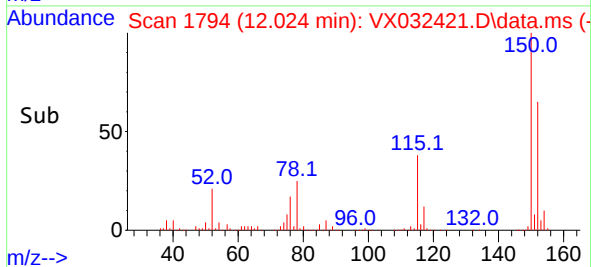
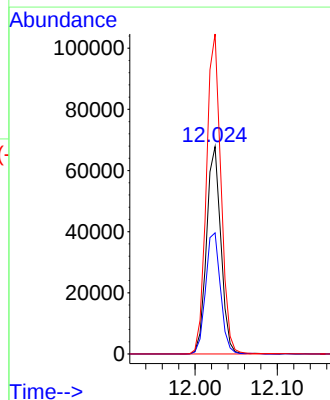
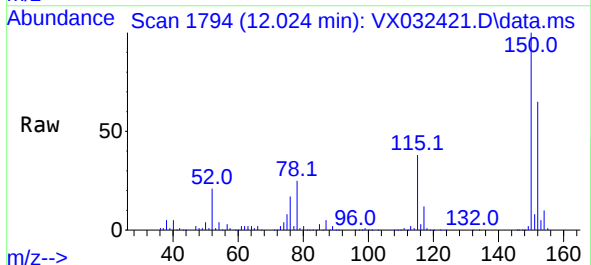
Instrument :
MSVOA_X
ClientSampleId :
VX1027WBL01

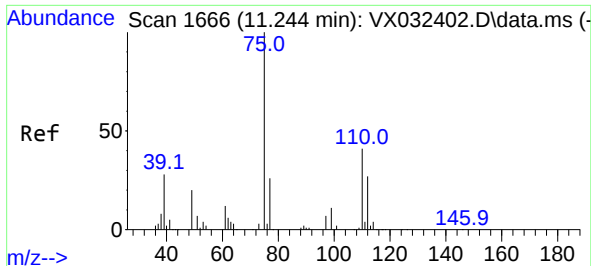
Tgt Ion:117 Resp: 180739
Ion Ratio Lower Upper
117 100
82 54.3 44.3 66.5
119 31.9 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX032421.D
Acq: 27 Oct 2022 12:14

Tgt Ion:152 Resp: 82262
Ion Ratio Lower Upper
152 100
115 60.5 44.0 132.0
150 156.5 0.0 351.8

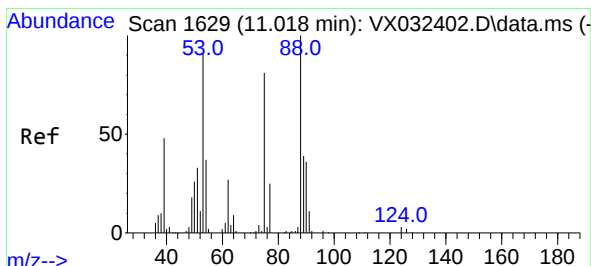
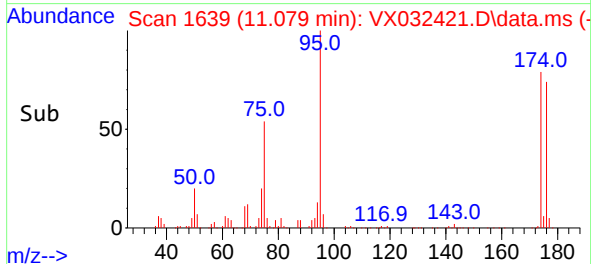
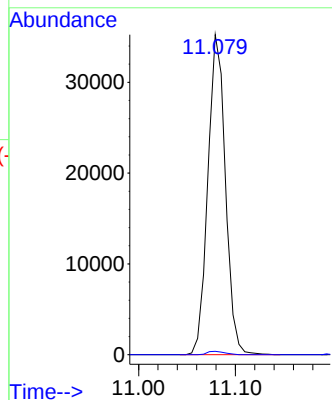
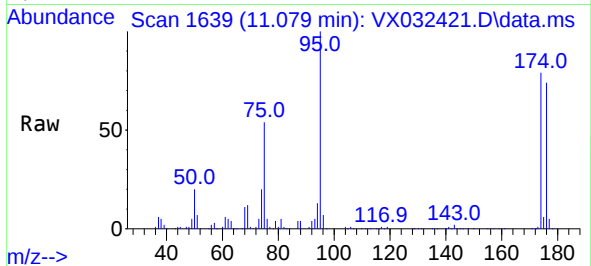




#76
1,2,3-Trichloropropane
Concen: 24.334 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032421.D
Acq: 27 Oct 2022 12:14

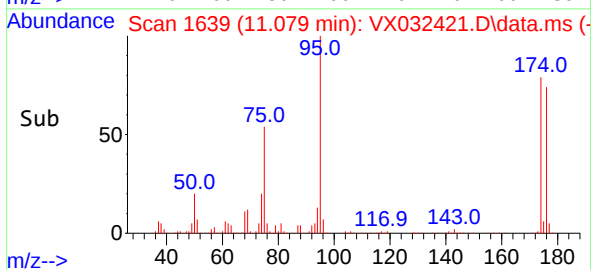
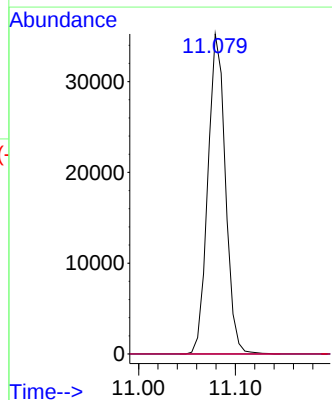
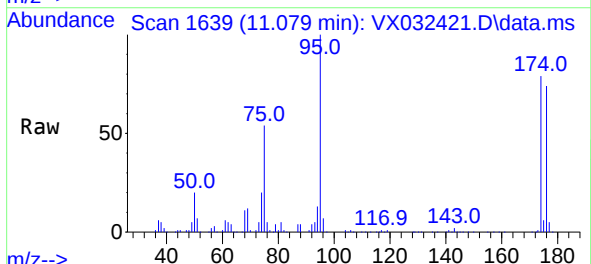
Instrument :
MSVOA_X
ClientSampleId :
VX1027WBL01

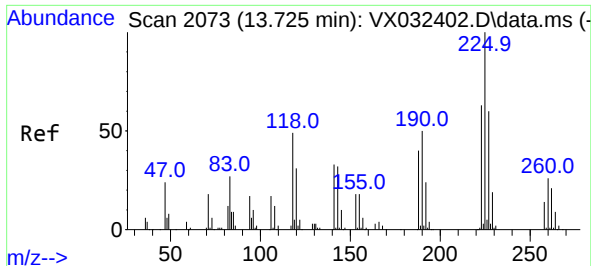
Tgt Ion: 75 Resp: 44534
Ion Ratio Lower Upper
75 100
77 1.0 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.431 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032421.D
Acq: 27 Oct 2022 12:14

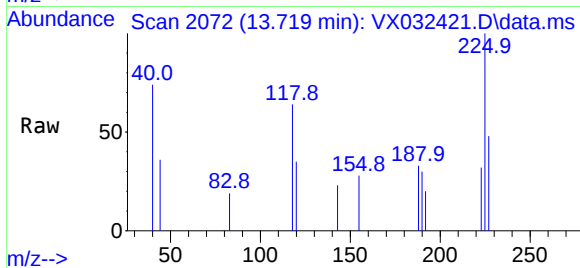
Tgt Ion: 75 Resp: 44534
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#





#94
 Hexachlorobutadiene
 Concen: 0.488 ug/l
 RT: 13.719 min Scan# 2072
 Delta R.T. -0.006 min
 Lab File: VX032421.D
 Acq: 27 Oct 2022 12:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1027WBL01



Tgt Ion: 225 Resp: 395

Ion	Ratio	Lower	Upper
225	100		
223	51.9	31.9	95.9
227	57.2	31.9	95.5

