

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102522\
 Data File : VX032354.D
 Acq On : 25 Oct 2022 11:05
 Operator : JC/MD
 Sample : VX1025MBL01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1025MBL01

Quant Time: Oct 27 14:15:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 22 04:56:40 2022
 Response via : Initial Calibration

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

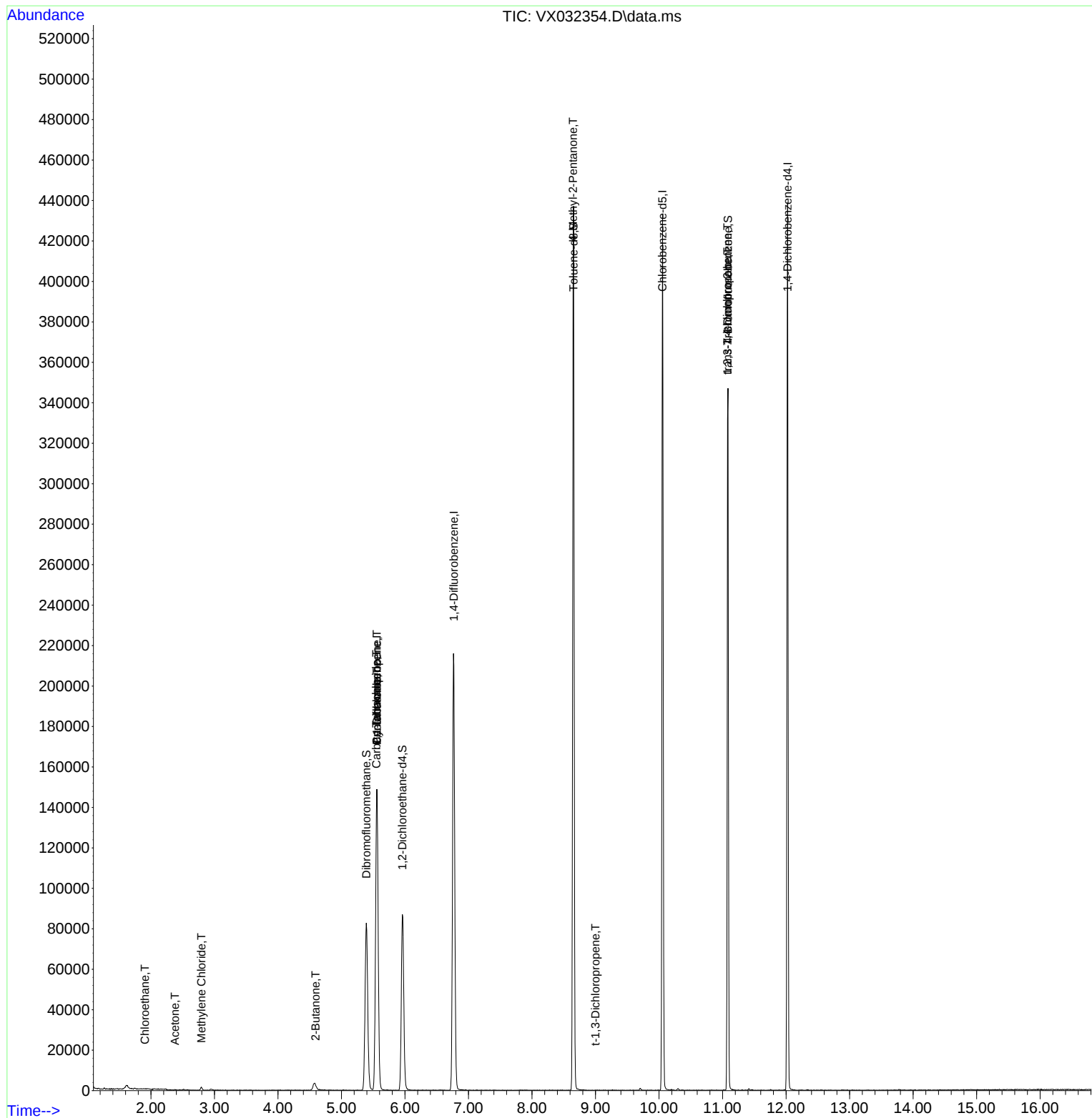
Internal Standards						
1) Pentafluorobenzene	5.556	168	140271	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	219121	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	189165	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	87820	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	87578	47.994	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.980%
35) Dibromofluoromethane	5.391	113	70418	46.182	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.360%
50) Toluene-d8	8.653	98	256039	46.648	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.300%
62) 4-Bromofluorobenzene	11.085	95	87592	43.580	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.160%
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	89	Below Cal	#	44
6) Chloroethane	1.904	64	38	1.979	ug/l #	41
11) Tert butyl alcohol	2.952	59	330	Below Cal	#	74
16) Acetone	2.379	43	274	0.463	ug/l #	44
20) Methylene Chloride	2.794	84	741	0.487	ug/l #	90
25) 2-Butanone	4.592	43	304	0.329	ug/l #	48
31) Cyclohexane	5.556	56	3141	1.506	ug/l #	23
36) 1,1-Dichloropropene	5.556	75	10543	5.375	ug/l #	49
38) Carbon Tetrachloride	5.549	117	14470	6.988	ug/l #	17
51) 4-Methyl-2-Pentanone	8.646	43	1183	0.626	ug/l #	1
53) t-1,3-Dichloropropene	9.000	75	20	1.827	ug/l #	43
76) 1,2,3-Trichloropropane	11.079	75	47739	27.435	ug/l #	45
81) trans-1,4-Dichloro-2-b...	11.079	75	47739	84.193	ug/l #	6

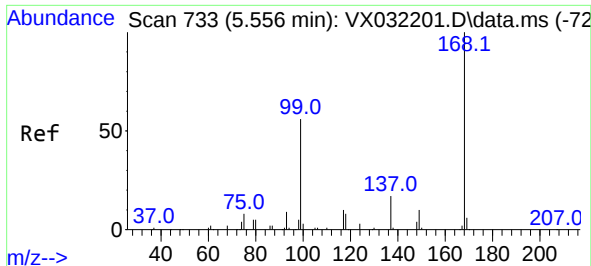
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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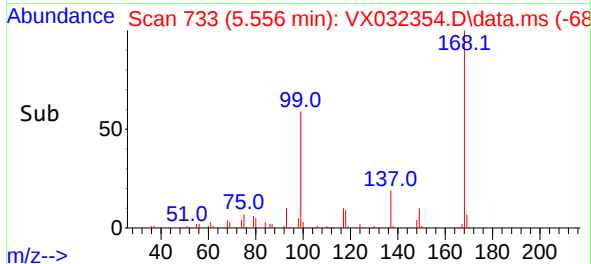
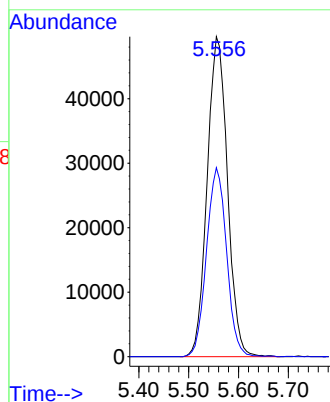
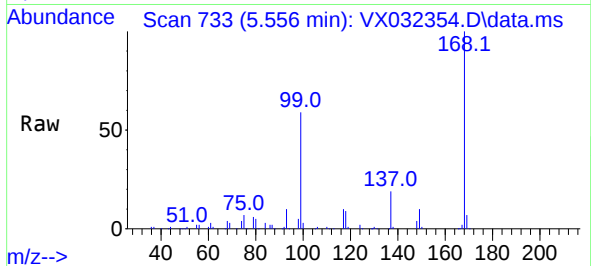




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032354.D
Acq: 25 Oct 2022 11:05

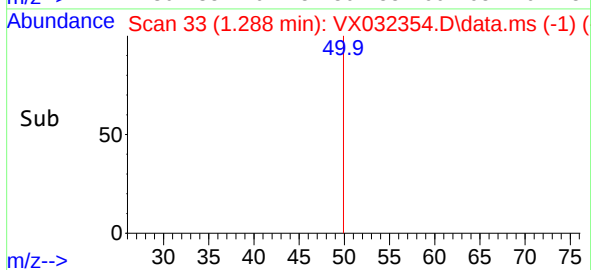
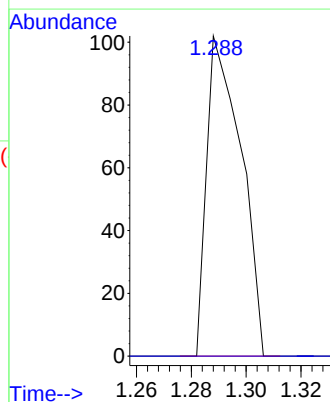
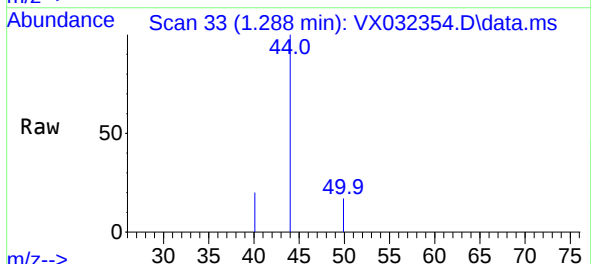
Instrument :
MSVOA_X
ClientSampleId :
VX1025MBL01

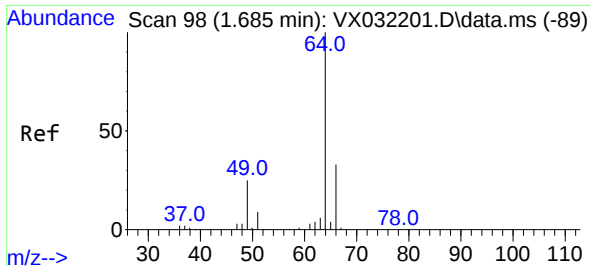
Tgt Ion:168 Resp: 140271
Ion Ratio Lower Upper
168 100
99 59.0 44.8 67.2



#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. -0.007 min
Lab File: VX032354.D
Acq: 25 Oct 2022 11:05

Tgt Ion: 50 Resp: 89
Ion Ratio Lower Upper
50 100
52 0.0 24.7 37.1#

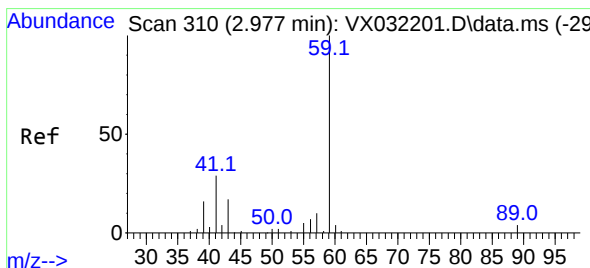
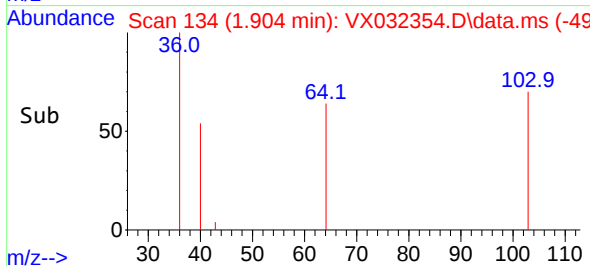
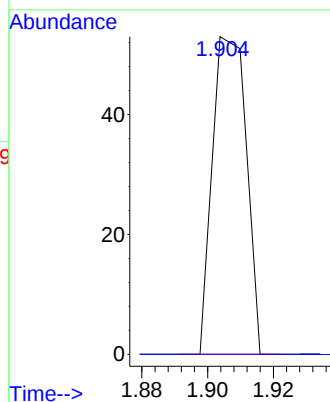
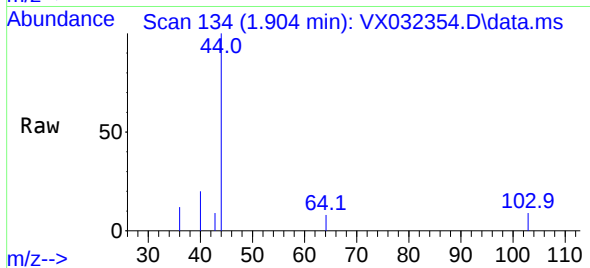




#6
Chloroethane
Concen: 1.979 ug/l
RT: 1.904 min Scan# 11
Delta R.T. 0.219 min
Lab File: VX032354.D
Acq: 25 Oct 2022 11:05

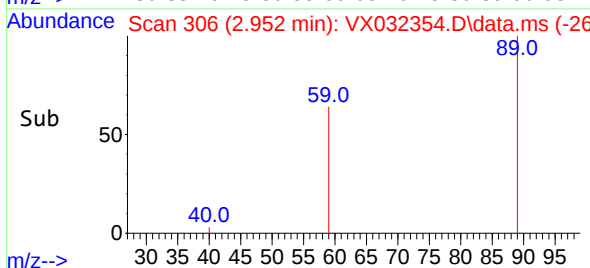
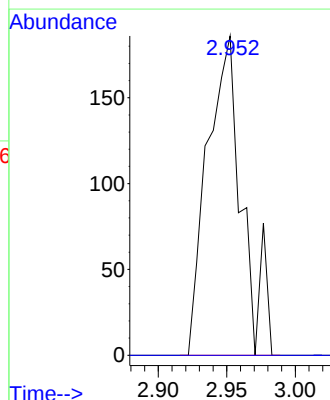
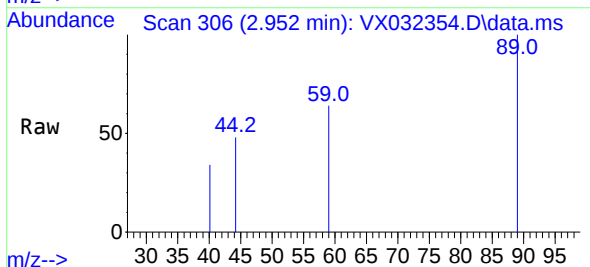
Instrument :
MSVOA_X
ClientSampleId :
VX1025MBL01

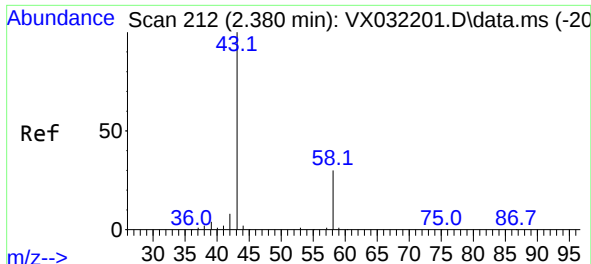
Tgt Ion: 64 Resp: 38
Ion Ratio Lower Upper
64 100
66 0.0 26.6 39.8#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.952 min Scan# 306
Delta R.T. -0.025 min
Lab File: VX032354.D
Acq: 25 Oct 2022 11:05

Tgt Ion: 59 Resp: 330
Ion Ratio Lower Upper
59 100
57 0.0 7.5 11.3#

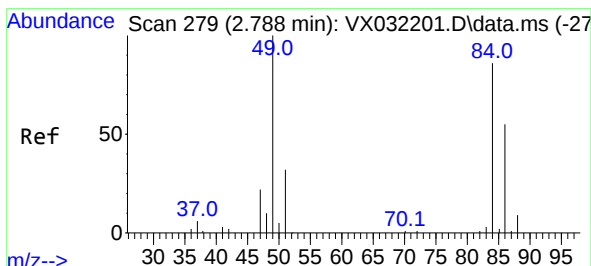
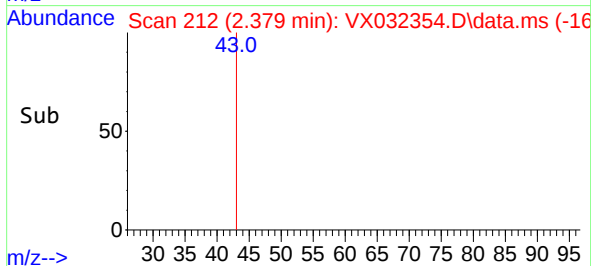
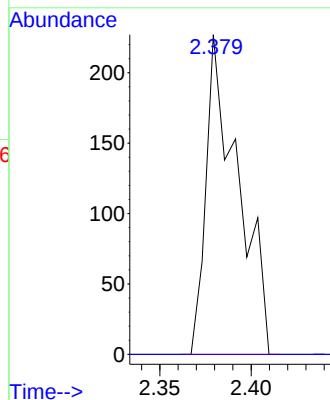
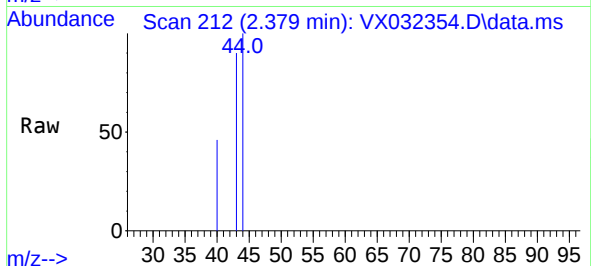




#16
Acetone
Concen: 0.463 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.001 min
Lab File: VX032354.D
Acq: 25 Oct 2022 11:05

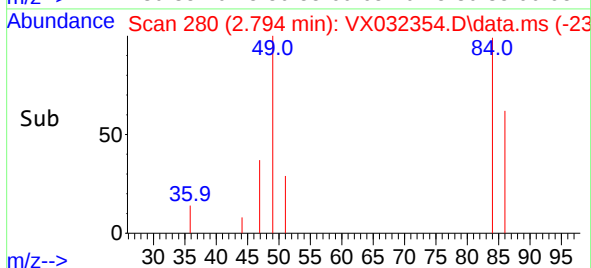
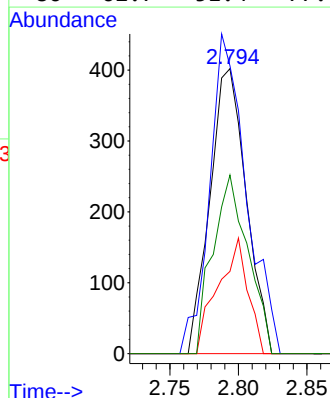
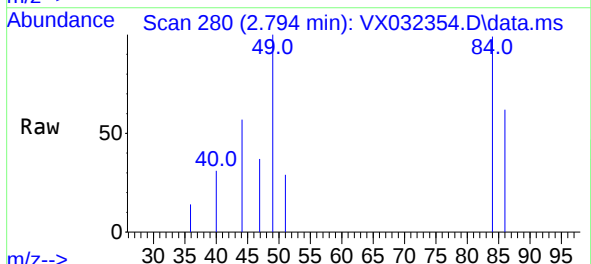
Instrument :
MSVOA_X
ClientSampleId :
VX1025MBL01

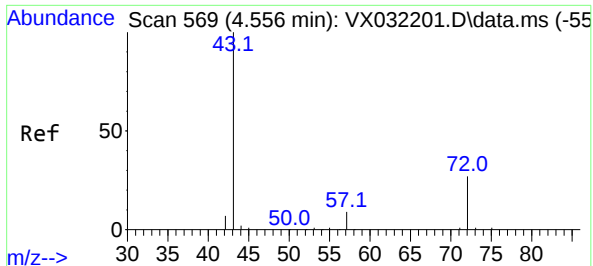
Tgt Ion: 43 Resp: 274
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.2#



#20
Methylene Chloride
Concen: 0.487 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX032354.D
Acq: 25 Oct 2022 11:05

Tgt Ion: 84 Resp: 741
Ion Ratio Lower Upper
84 100
49 101.0 92.6 139.0
51 28.9 29.2 43.8#
86 62.7 51.4 77.0

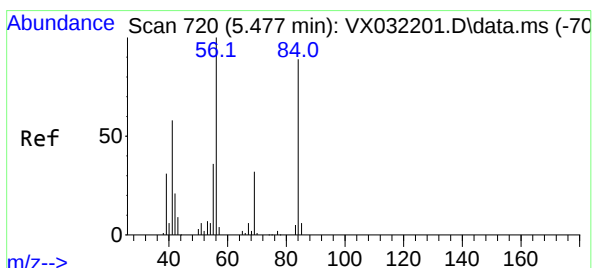
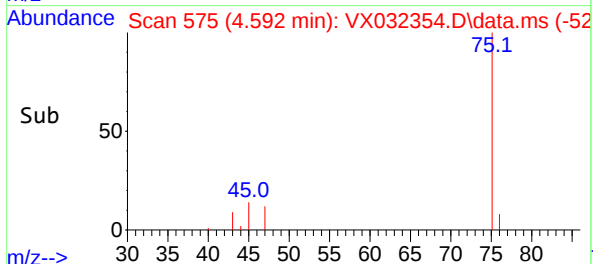
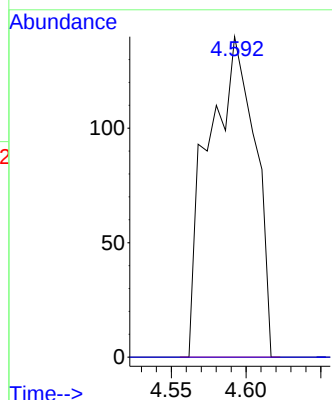
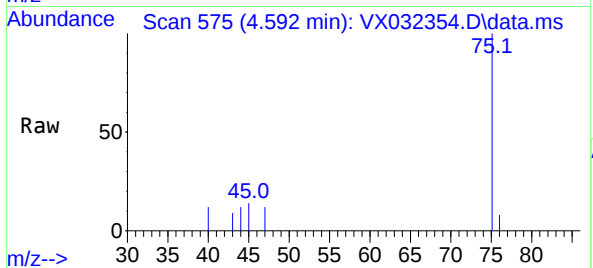




#25
2-Butanone
Concen: 0.329 ug/l
RT: 4.592 min Scan# 51
Delta R.T. 0.036 min
Lab File: VX032354.D
Acq: 25 Oct 2022 11:05

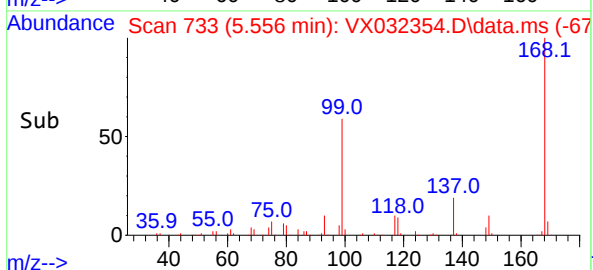
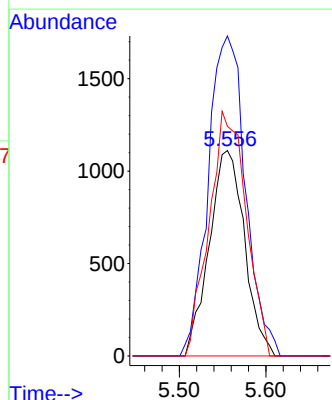
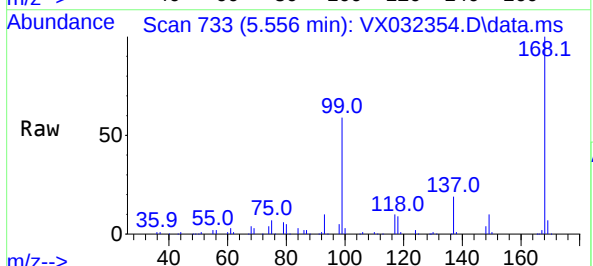
Instrument :
MSVOA_X
ClientSampleId :
VX1025MBL01

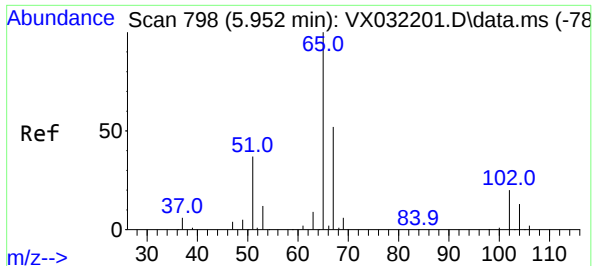
Tgt Ion: 43 Resp: 304
Ion Ratio Lower Upper
43 100
72 0.0 21.7 32.5#



#31
Cyclohexane
Concen: 1.506 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX032354.D
Acq: 25 Oct 2022 11:05

Tgt Ion: 56 Resp: 3141
Ion Ratio Lower Upper
56 100
69 155.8 25.4 38.0#
84 111.9 71.2 106.8#





#33

1,2-Dichloroethane-d4

Concen: 47.994 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX032354.D

Acq: 25 Oct 2022 11:05

Instrument :

MSVOA_X

ClientSampleId :

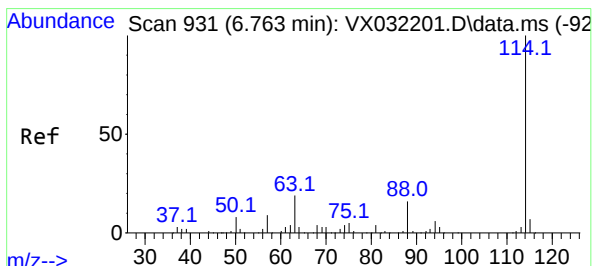
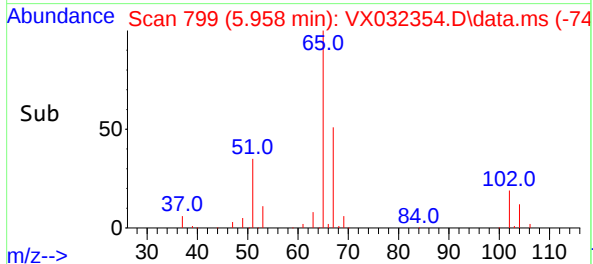
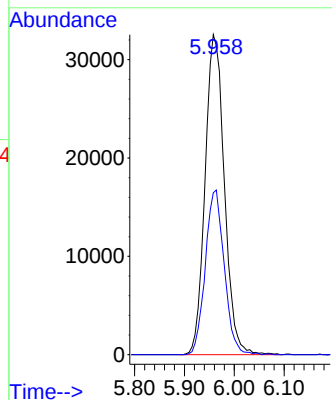
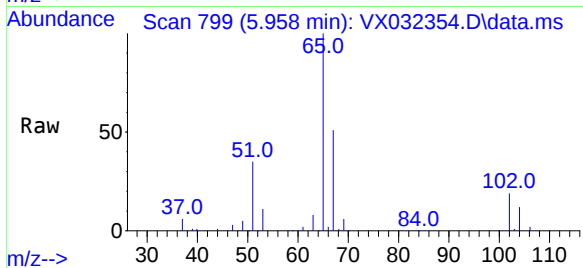
VX1025MBL01

Tgt Ion: 65 Resp: 87578

Ion Ratio Lower Upper

65 100

67 50.5 0.0 103.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.006 min

Lab File: VX032354.D

Acq: 25 Oct 2022 11:05

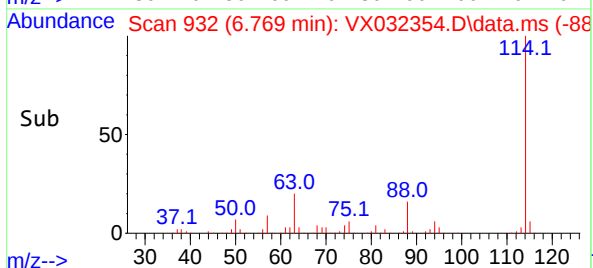
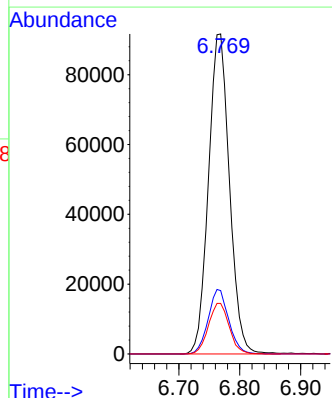
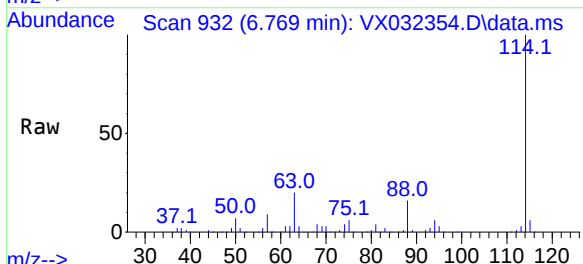
Tgt Ion: 114 Resp: 219121

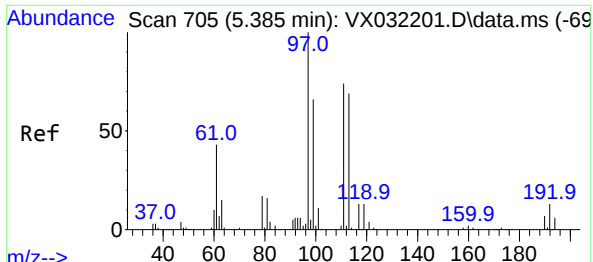
Ion Ratio Lower Upper

114 100

63 19.8 0.0 38.6

88 15.8 0.0 32.6

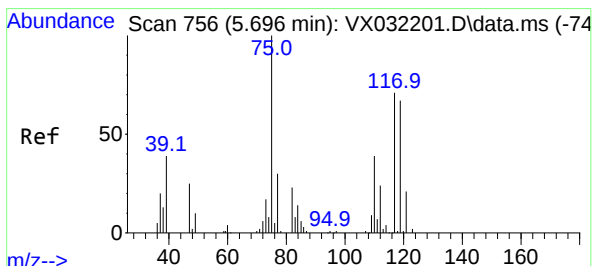
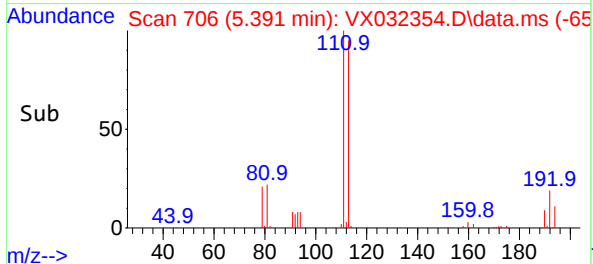
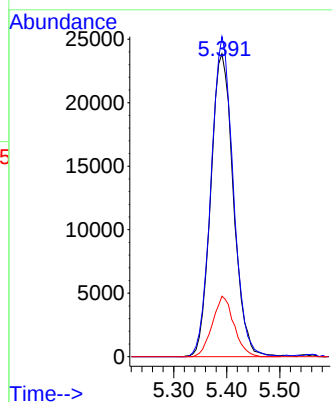
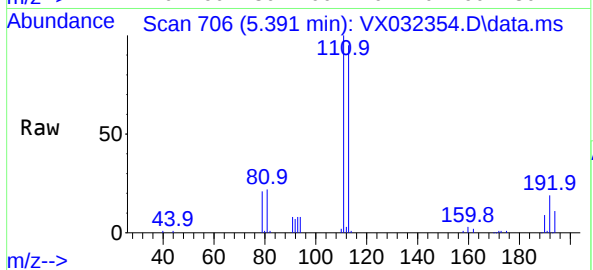




#35
Dibromofluoromethane
Concen: 46.182 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX032354.D
Acq: 25 Oct 2022 11:05

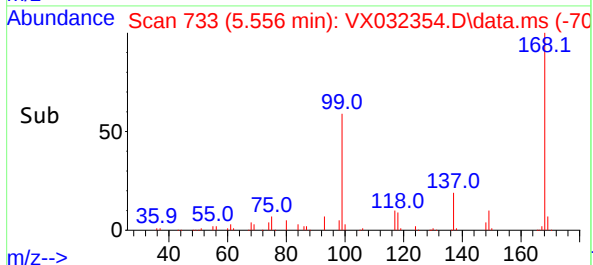
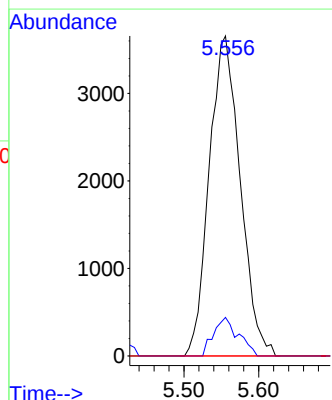
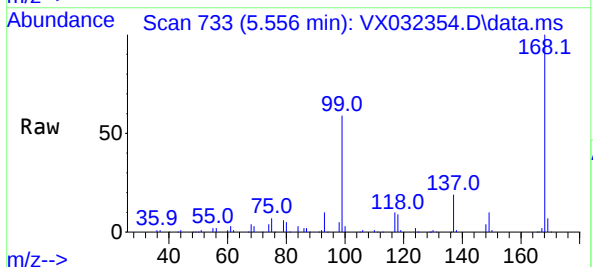
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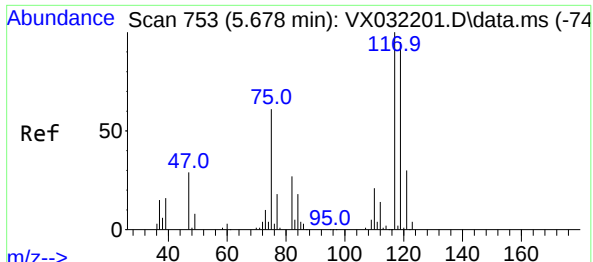
Tgt Ion:113 Resp: 70418
Ion Ratio Lower Upper
113 100
111 103.8 82.8 124.2
192 19.1 15.5 23.3



#36
1,1-Dichloropropene
Concen: 5.375 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX032354.D
Acq: 25 Oct 2022 11:05

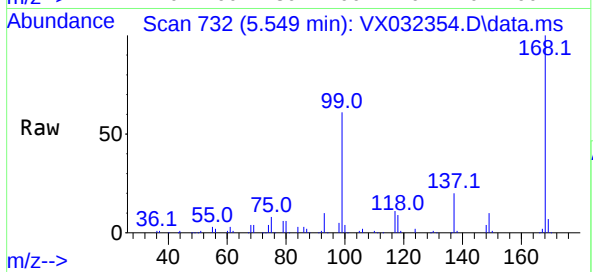
Tgt Ion: 75 Resp: 10543
Ion Ratio Lower Upper
75 100
110 9.6 18.4 55.0#
77 0.0 24.7 37.1#



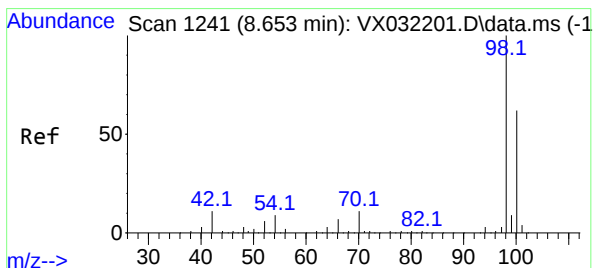
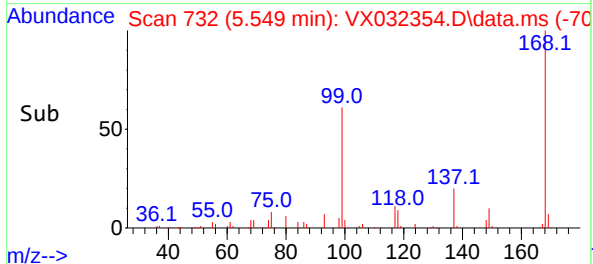
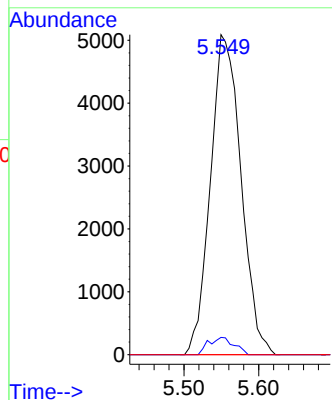


#38
Carbon Tetrachloride
Concen: 6.988 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.129 min
Lab File: VX032354.D
Acq: 25 Oct 2022 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX1025MBL01

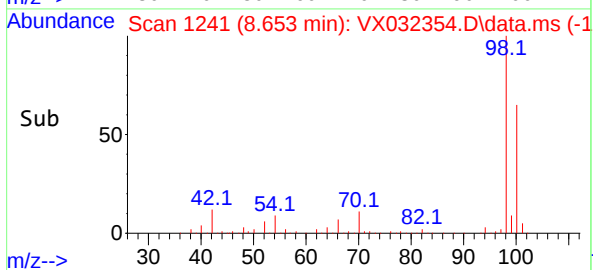
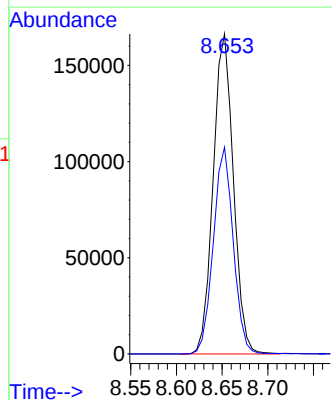
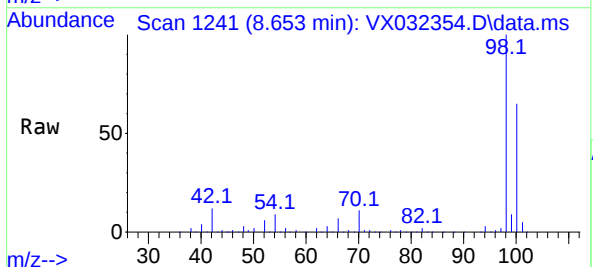


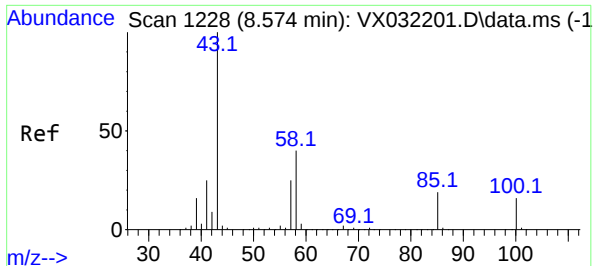
Tgt Ion:117 Resp: 14470
Ion Ratio Lower Upper
117 100
119 5.4 75.4 113.0#
121 0.0 23.9 35.9#



#50
Toluene-d8
Concen: 46.648 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX032354.D
Acq: 25 Oct 2022 11:05

Tgt Ion: 98 Resp: 256039
Ion Ratio Lower Upper
98 100
100 63.7 50.7 76.1

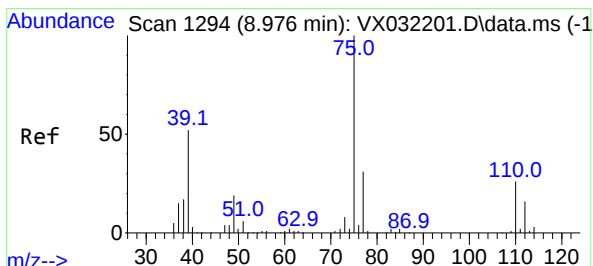
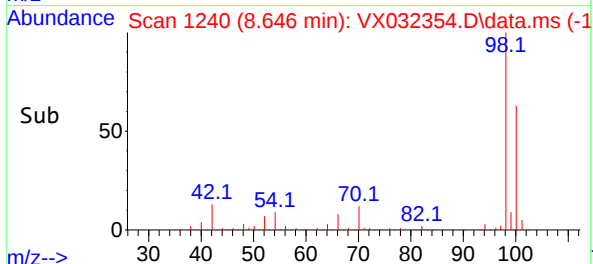
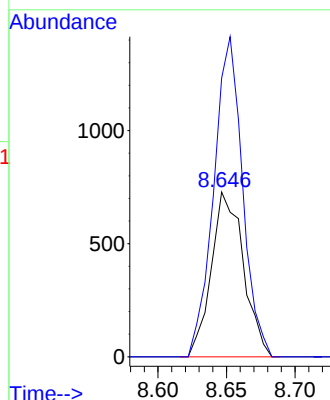
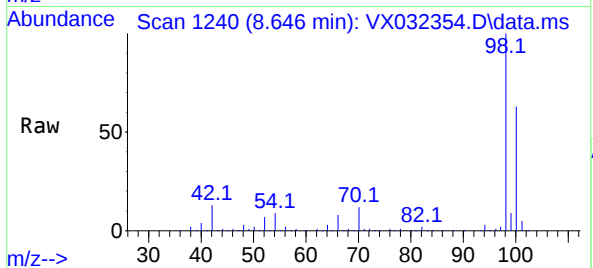




#51
4-Methyl-2-Pentanone
Concen: 0.626 ug/l
RT: 8.646 min Scan# 1183
Delta R.T. 0.072 min
Lab File: VX032354.D
Acq: 25 Oct 2022 11:05

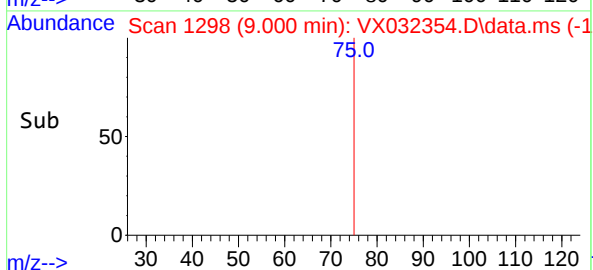
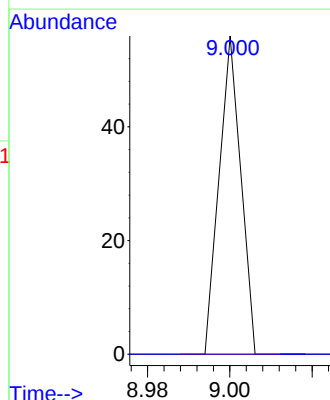
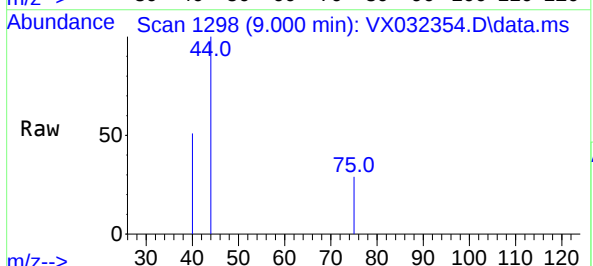
Instrument :
MSVOA_X
ClientSampleId :
VX1025MBL01

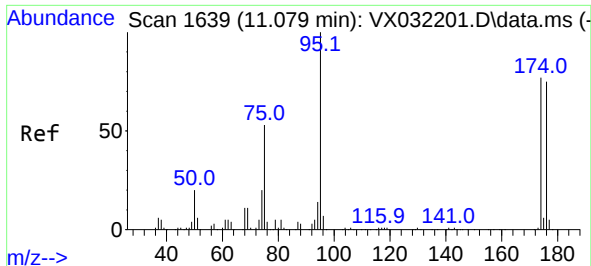
Tgt Ion: 43 Resp: 1183
Ion Ratio Lower Upper
43 100
58 174.8 31.0 46.4#



#53
t-1,3-Dichloropropene
Concen: 1.827 ug/l
RT: 9.000 min Scan# 1298
Delta R.T. 0.024 min
Lab File: VX032354.D
Acq: 25 Oct 2022 11:05

Tgt Ion: 75 Resp: 20
Ion Ratio Lower Upper
75 100
77 0.0 25.2 37.8#

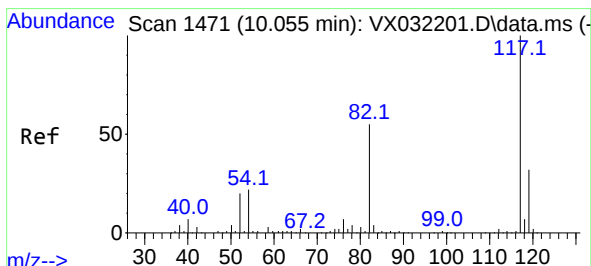
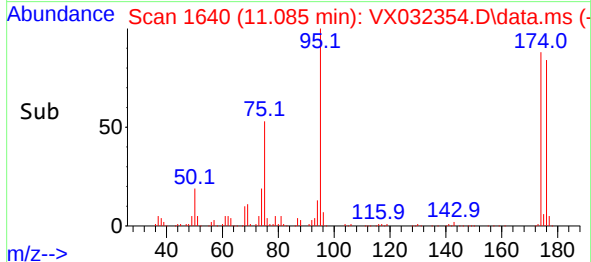
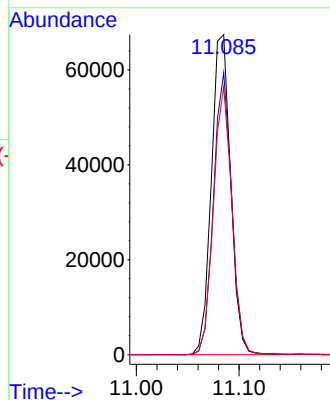
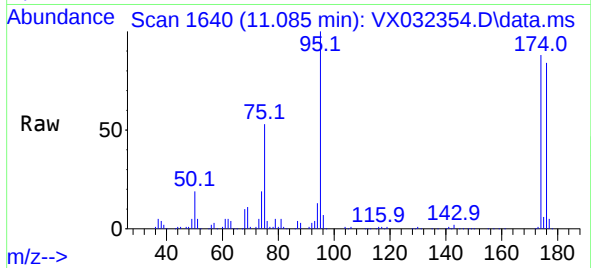




#62
4-Bromofluorobenzene
Concen: 43.580 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX032354.D
Acq: 25 Oct 2022 11:05

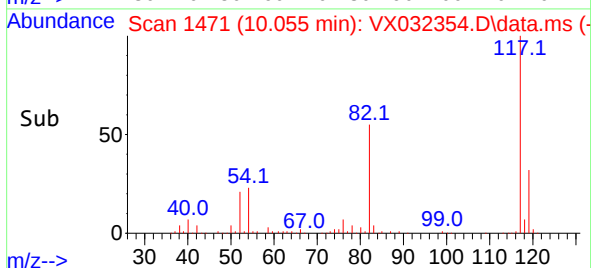
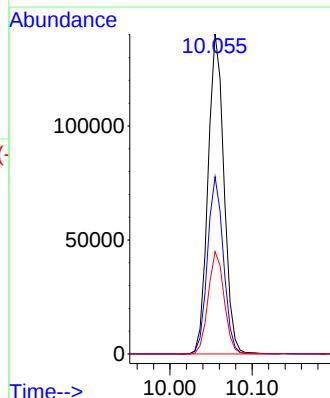
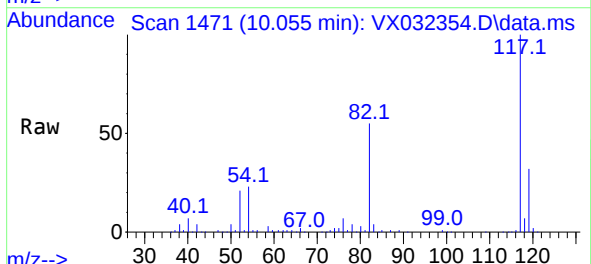
Instrument :
MSVOA_X
ClientSampleId :
VX1025MBL01

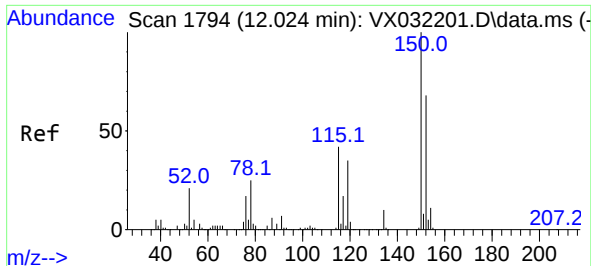
Tgt Ion: 95 Resp: 87592
Ion Ratio Lower Upper
95 100
174 83.2 0.0 166.8
176 80.3 0.0 161.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032354.D
Acq: 25 Oct 2022 11:05

Tgt Ion: 117 Resp: 189165
Ion Ratio Lower Upper
117 100
82 55.4 44.2 66.4
119 32.0 25.8 38.8

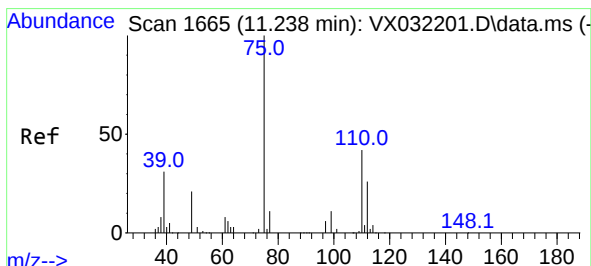
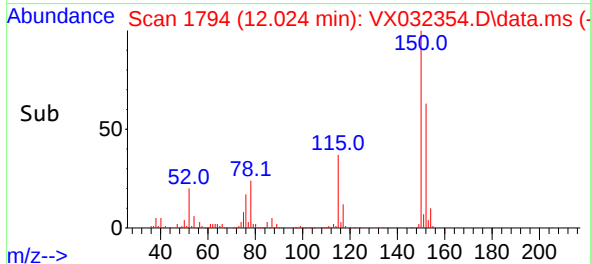
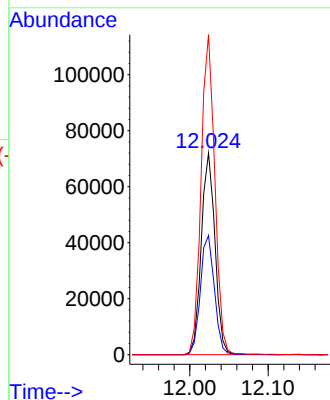
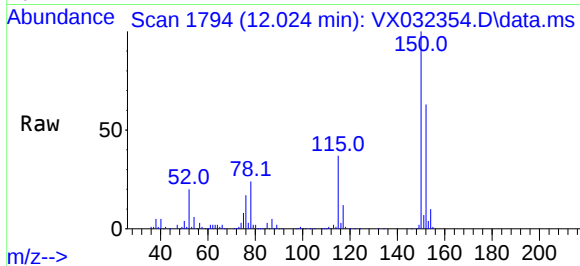




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032354.D
Acq: 25 Oct 2022 11:05

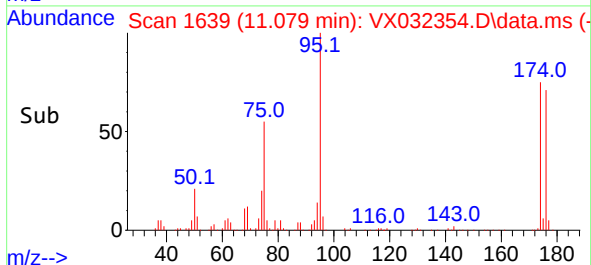
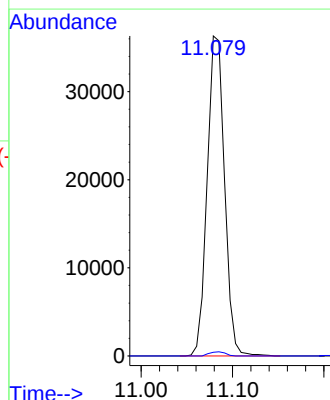
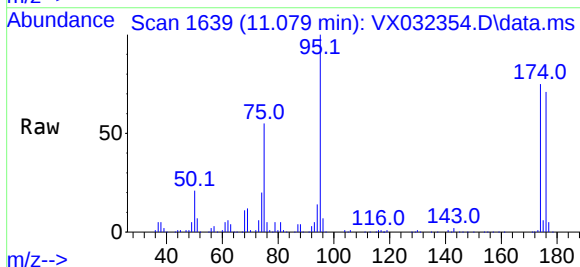
Instrument :
MSVOA_X
ClientSampleId :
VX1025MBL01

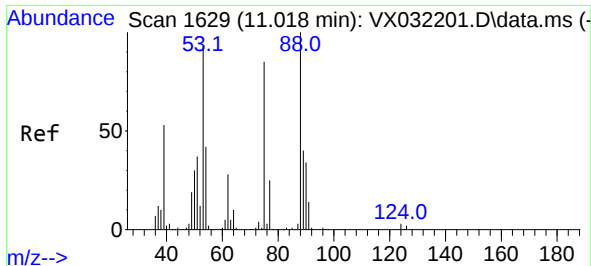
Tgt Ion:152 Resp: 87820
Ion Ratio Lower Upper
152 100
115 60.5 43.1 129.4
150 158.3 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 27.435 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX032354.D
Acq: 25 Oct 2022 11:05

Tgt Ion: 75 Resp: 47739
Ion Ratio Lower Upper
75 100
77 1.2 16.0 47.9#





#81
trans-1,4-Dichloro-2-butene
Concen: 84.193 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX032354.D
Acq: 25 Oct 2022 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX1025MBL01

Tgt Ion: 75 Resp: 47739
Ion Ratio Lower Upper
75 100
53 0.0 87.8 131.8#
89 0.0 37.8 56.8#

