

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102022\
 Data File : VX032268.D
 Acq On : 20 Oct 2022 17:14
 Operator : JC/MD
 Sample : N5185-25
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-2022-10-18

Quant Time: Oct 21 01:27:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 19 16:51:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	146051	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	227069	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	195316	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	88777	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	92682	48.781	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.560%
35) Dibromofluoromethane	5.385	113	70961	44.909	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.820%
50) Toluene-d8	8.653	98	266928	46.929	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.860%
62) 4-Bromofluorobenzene	11.079	95	92982	44.643	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.280%

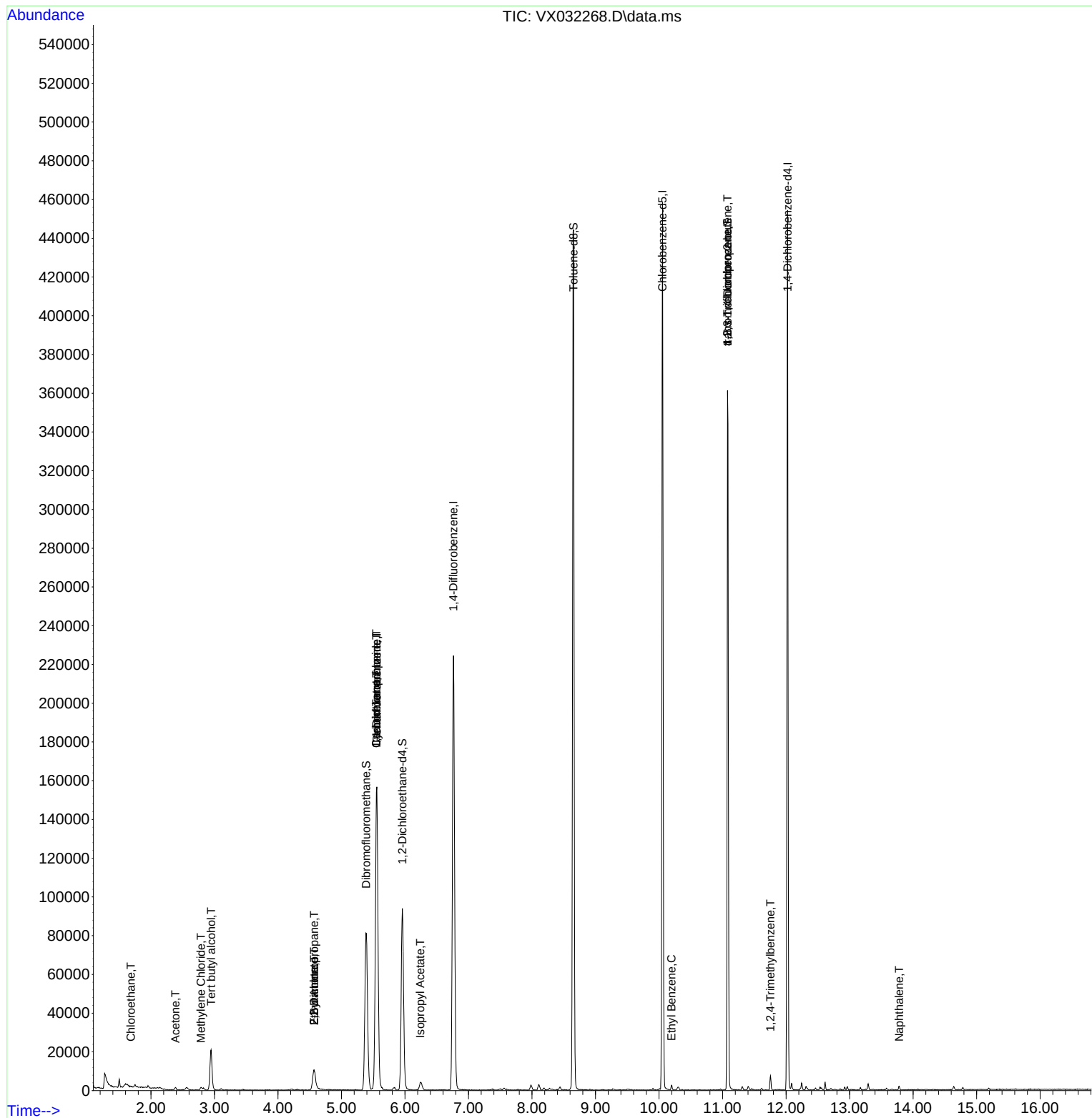
Target Compounds					Qvalue	
3) Chloromethane	1.294	50	424	Below Cal	#	44
6) Chloroethane	1.684	64	335	2.176	ug/l #	41
11) Tert butyl alcohol	2.946	59	12355	25.428	ug/l #	79
16) Acetone	2.385	43	1563	2.535	ug/l	93
20) Methylene Chloride	2.788	84	500	0.316	ug/l	98
25) 2-Butanone	4.568	43	1018	1.057	ug/l #	48
26) 2,2-Dichloropropane	4.568	77	787	0.422	ug/l #	52
31) Cyclohexane	5.550	56	3785	1.743	ug/l #	11
36) 1,1-Dichloropropene	5.550	75	11954	5.881	ug/l #	49
37) Ethyl Acetate	4.568	43	1018	0.512	ug/l #	73
38) Carbon Tetrachloride	5.550	117	15353	7.155	ug/l #	17
43) Isopropyl Acetate	6.238	43	635	0.203	ug/l #	61
67) Ethyl Benzene	10.195	91	1592	0.225	ug/l #	86
76) 1,2,3-Trichloropropane	11.079	75	49919	28.378	ug/l #	44
81) trans-1,4-Dichloro-2-b...	11.079	75	49919	86.993	ug/l #	6
84) 1,2,4-Trimethylbenzene	11.756	105	3246	0.610	ug/l	90
95) Naphthalene	13.780	128	1686	0.276	ug/l	98

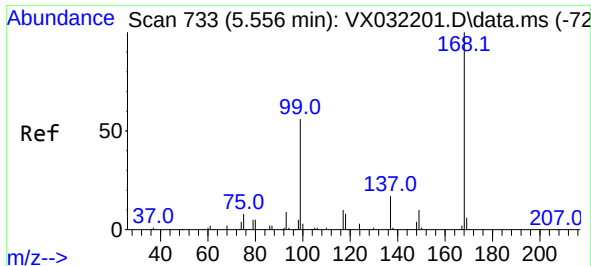
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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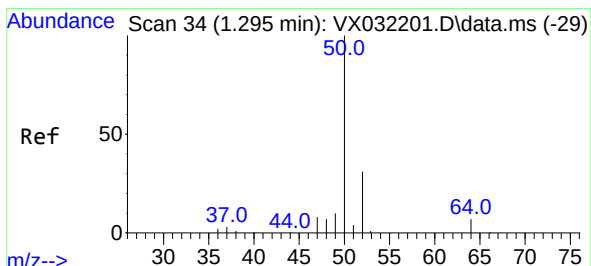
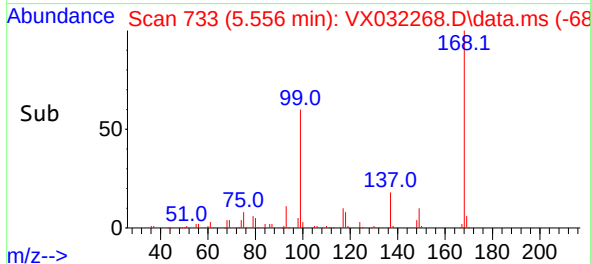
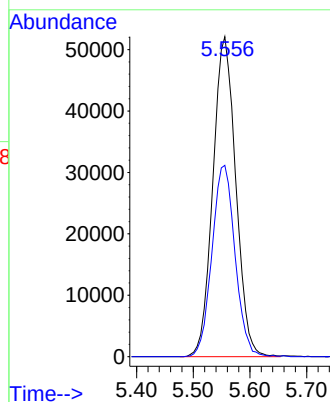
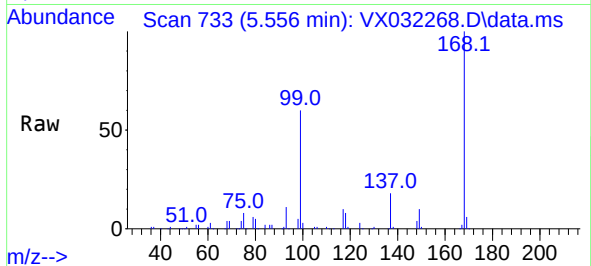




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032268.D
Acq: 20 Oct 2022 17:14

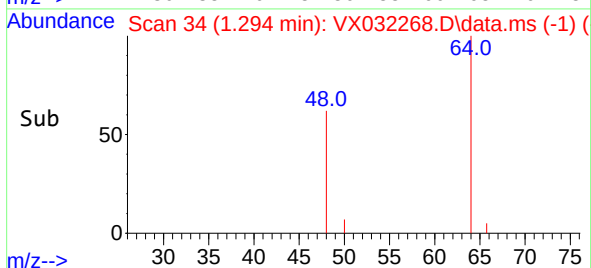
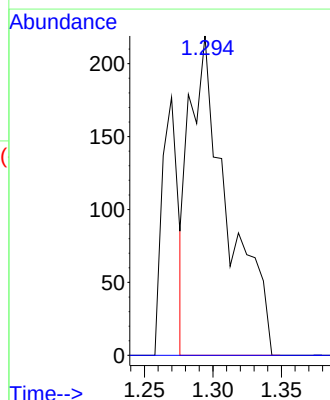
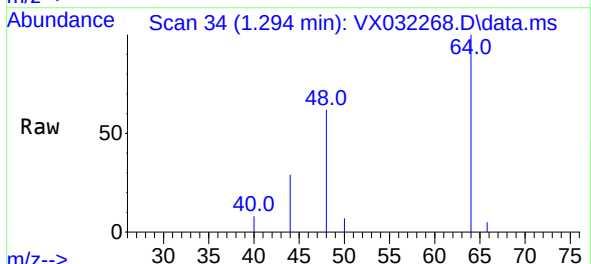
Instrument :
MSVOA_X
ClientSampleId :
EB-2022-10-18

Tgt Ion:168 Resp: 146051
Ion Ratio Lower Upper
168 100
99 59.8 44.8 67.2

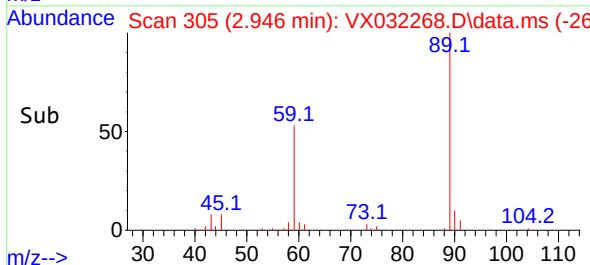
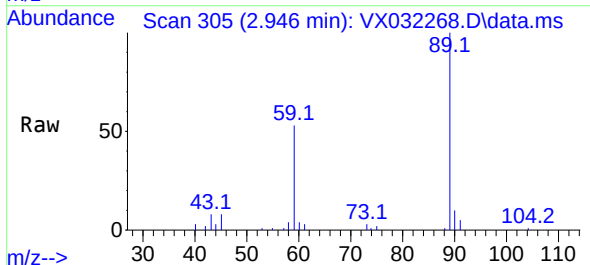
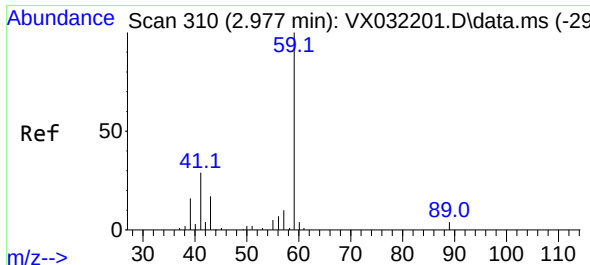
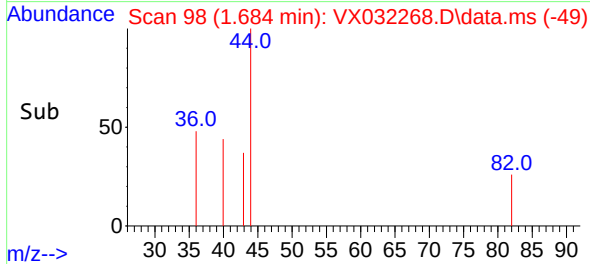
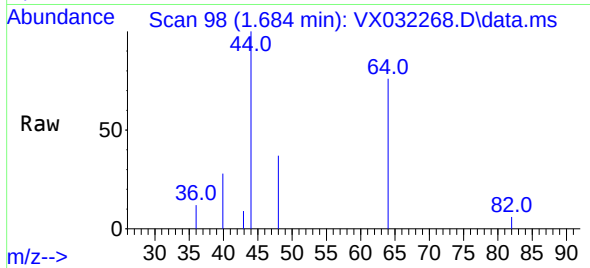
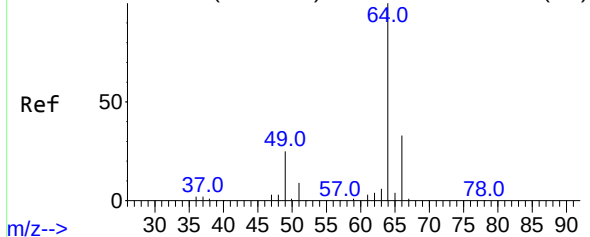


#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. -0.001 min
Lab File: VX032268.D
Acq: 20 Oct 2022 17:14

Tgt Ion: 50 Resp: 424
Ion Ratio Lower Upper
50 100
52 0.0 24.7 37.1#



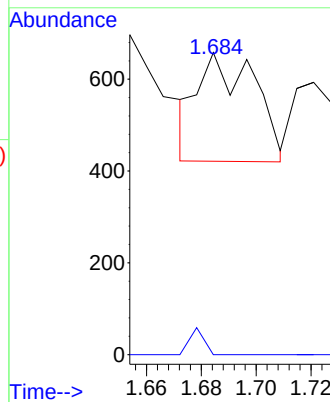
Abundance Scan 98 (1.685 min): VX032201.D\data.ms (-89)



#6
Chloroethane
Concen: 2.176 ug/l
RT: 1.684 min Scan# 91
Delta R.T. -0.001 min
Lab File: VX032268.D
Acq: 20 Oct 2022 17:14

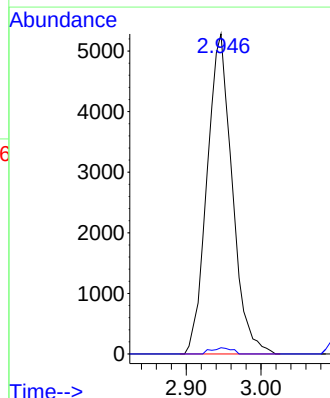
Instrument :
MSVOA_X
ClientSampleId :
EB-2022-10-18

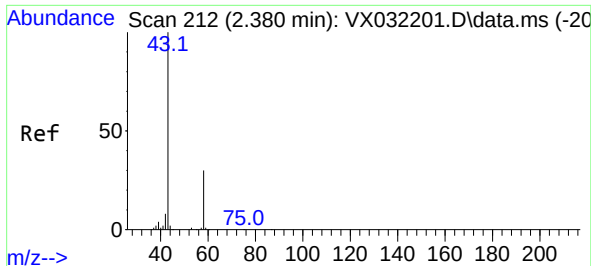
Tgt Ion: 64 Resp: 335
Ion Ratio Lower Upper
64 100
66 0.0 26.6 39.8#



#11
Tert butyl alcohol
Concen: 25.428 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.031 min
Lab File: VX032268.D
Acq: 20 Oct 2022 17:14

Tgt Ion: 59 Resp: 12355
Ion Ratio Lower Upper
59 100
57 1.6 7.5 11.3#

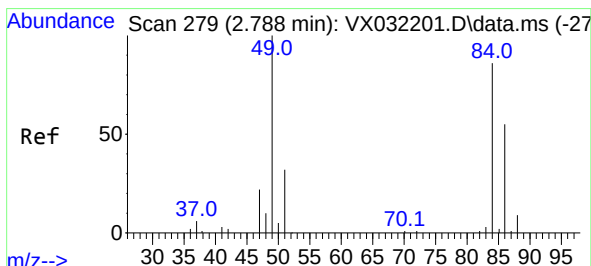
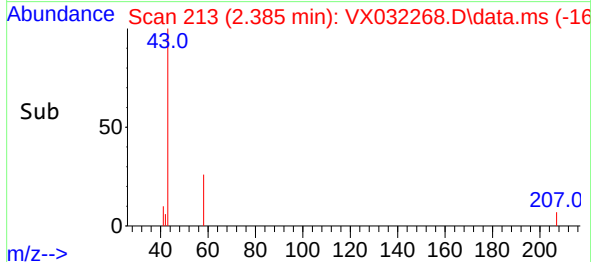
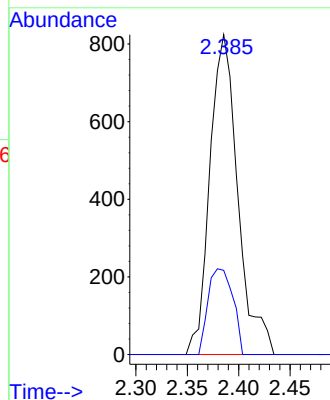
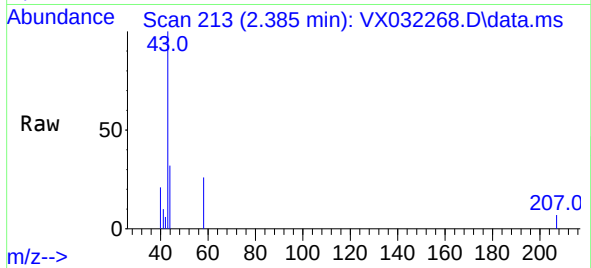




#16
Acetone
Concen: 2.535 ug/l
RT: 2.385 min Scan# 212
Delta R.T. 0.005 min
Lab File: VX032268.D
Acq: 20 Oct 2022 17:14

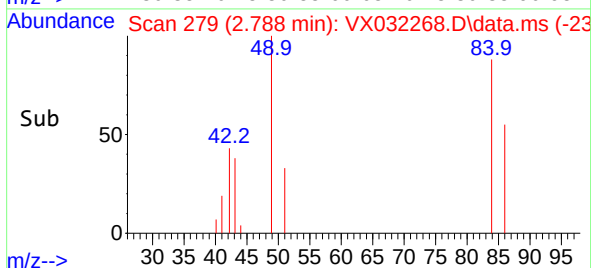
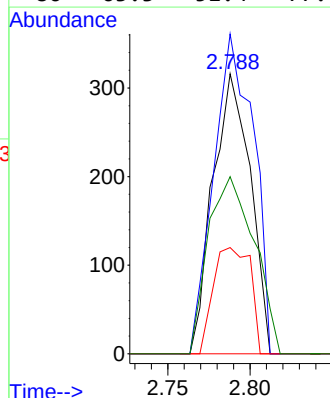
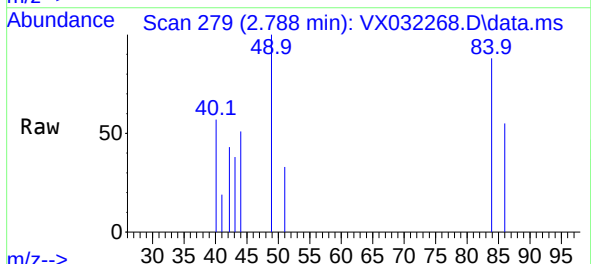
Instrument :
MSVOA_X
ClientSampleId :
EB-2022-10-18

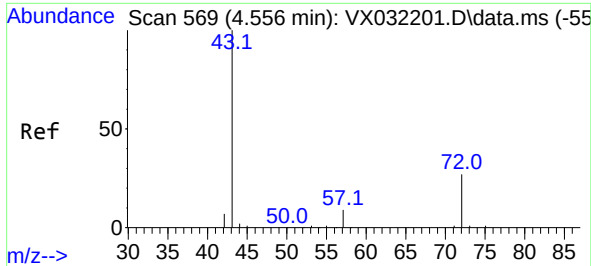
Tgt Ion: 43 Resp: 1563
Ion Ratio Lower Upper
43 100
58 26.3 24.2 36.2



#20
Methylene Chloride
Concen: 0.316 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX032268.D
Acq: 20 Oct 2022 17:14

Tgt Ion: 84 Resp: 500
Ion Ratio Lower Upper
84 100
49 114.2 92.6 139.0
51 38.0 29.2 43.8
86 63.3 51.4 77.0





#25

2-Butanone

Concen: 1.057 ug/l

RT: 4.568 min Scan# 571

Delta R.T. 0.012 min

Lab File: VX032268.D

Acq: 20 Oct 2022 17:14

Instrument :

MSVOA_X

ClientSampleId :

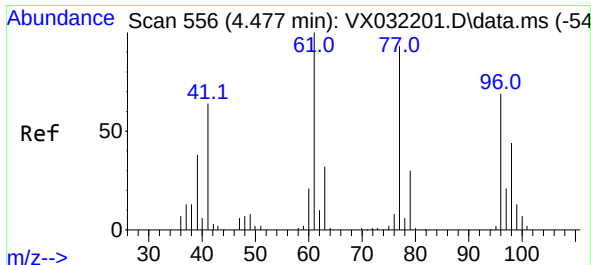
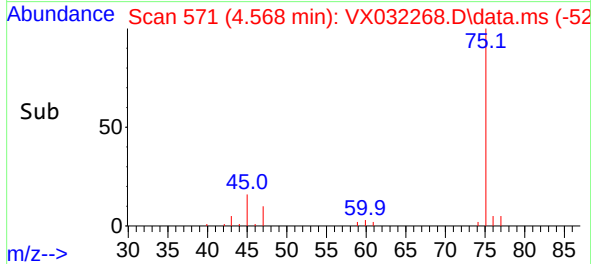
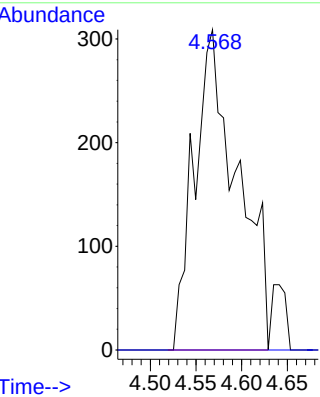
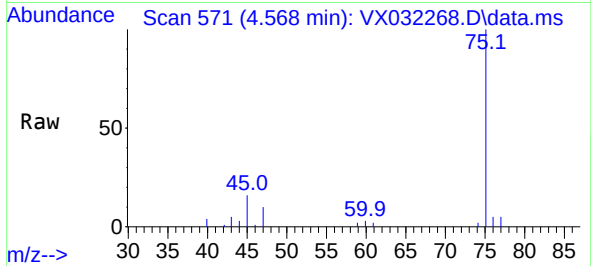
EB-2022-10-18

Tgt Ion: 43 Resp: 1018

Ion Ratio Lower Upper

43 100

72 0.0 21.7 32.5#



#26

2,2-Dichloropropane

Concen: 0.422 ug/l

RT: 4.568 min Scan# 571

Delta R.T. 0.091 min

Lab File: VX032268.D

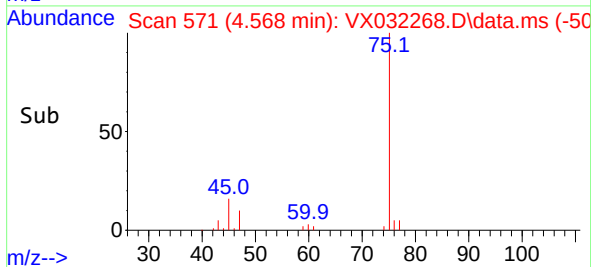
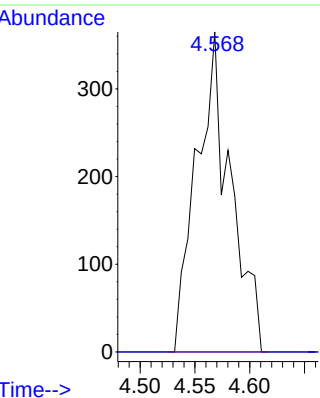
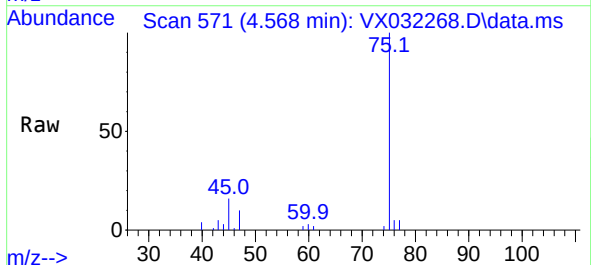
Acq: 20 Oct 2022 17:14

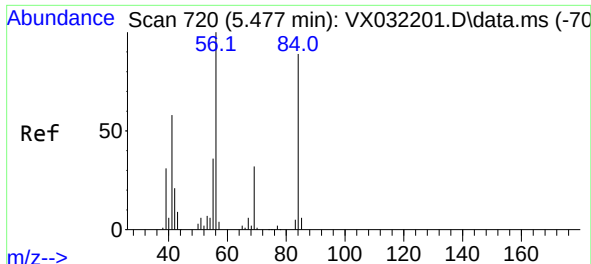
Tgt Ion: 77 Resp: 787

Ion Ratio Lower Upper

77 100

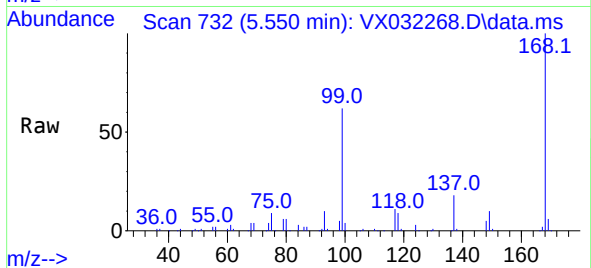
97 0.0 11.8 35.3#



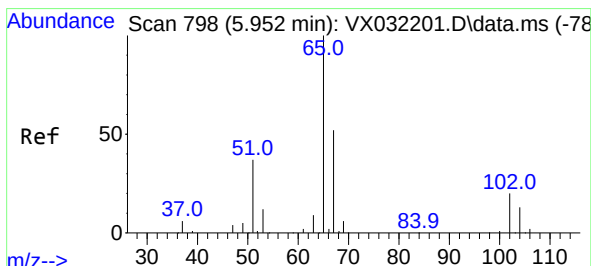
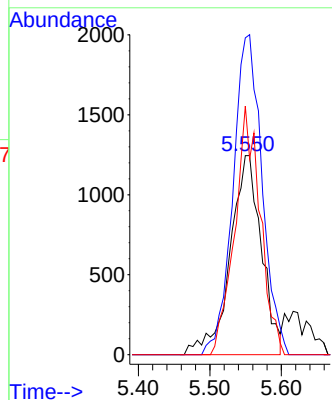
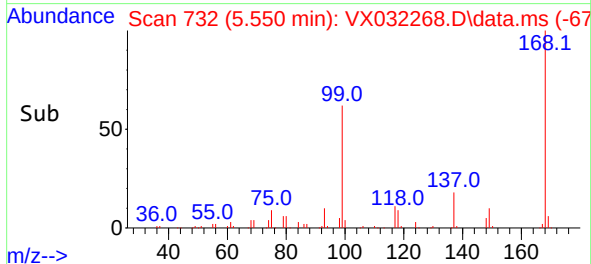


#31
Cyclohexane
Concen: 1.743 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX032268.D
Acq: 20 Oct 2022 17:14

Instrument :
MSVOA_X
ClientSampleId :
EB-2022-10-18

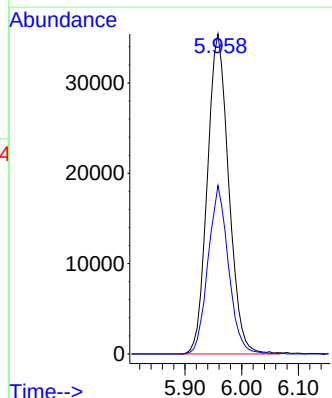
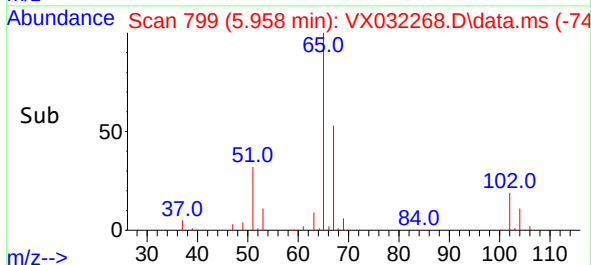
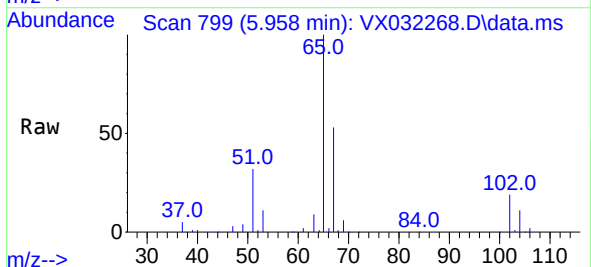


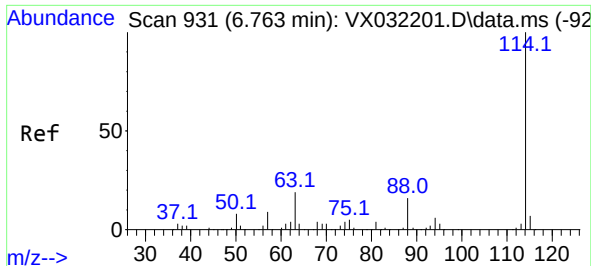
Tgt Ion: 56 Resp: 3785
Ion Ratio Lower Upper
56 100
69 159.1 25.4 38.0#
84 124.9 71.2 106.8#



#33
1,2-Dichloroethane-d4
Concen: 48.781 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX032268.D
Acq: 20 Oct 2022 17:14

Tgt Ion: 65 Resp: 92682
Ion Ratio Lower Upper
65 100
67 50.3 0.0 103.6

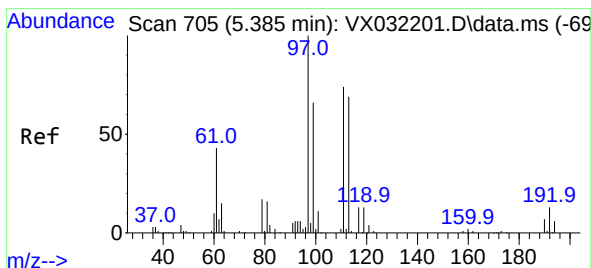
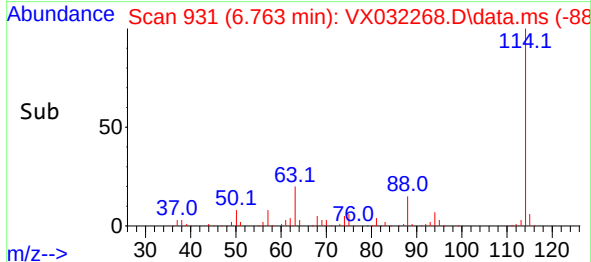
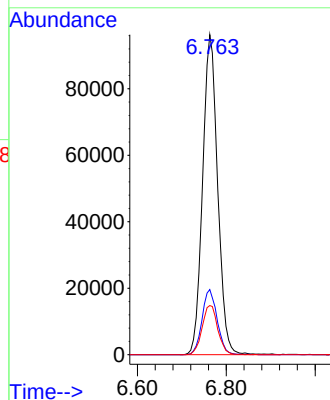
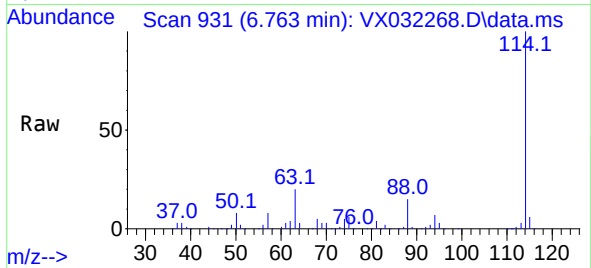




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX032268.D
Acq: 20 Oct 2022 17:14

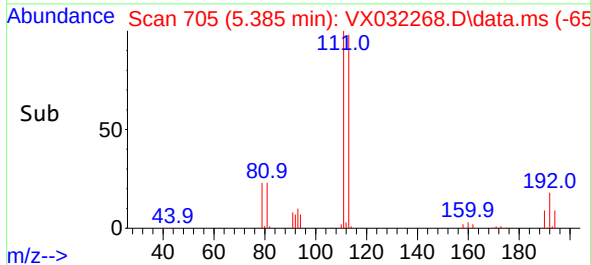
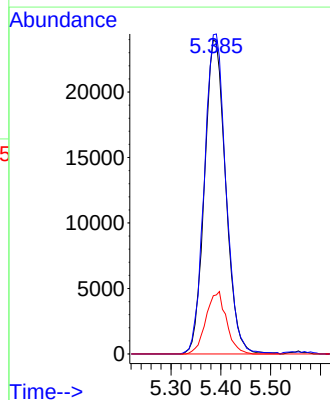
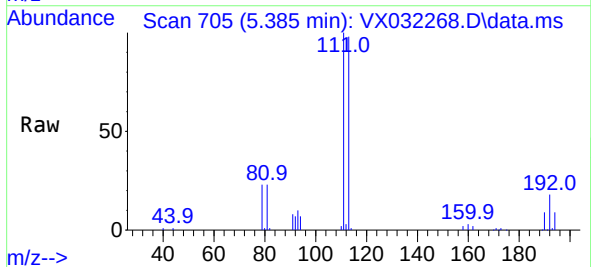
Instrument :
MSVOA_X
ClientSampleId :
EB-2022-10-18

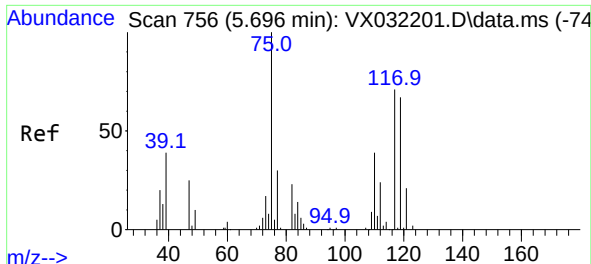
Tgt Ion:114 Resp: 227069
Ion Ratio Lower Upper
114 100
63 20.3 0.0 38.6
88 15.4 0.0 32.6



#35
Dibromofluoromethane
Concen: 44.909 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX032268.D
Acq: 20 Oct 2022 17:14

Tgt Ion:113 Resp: 70961
Ion Ratio Lower Upper
113 100
111 103.3 82.8 124.2
192 19.1 15.5 23.3





#36

1,1-Dichloropropene

Concen: 5.881 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.146 min

Lab File: VX032268.D

Acq: 20 Oct 2022 17:14

Instrument :

MSVOA_X

ClientSampleId :

EB-2022-10-18

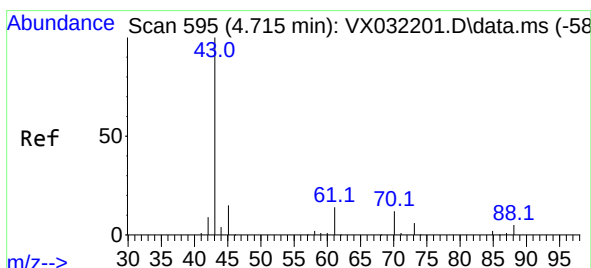
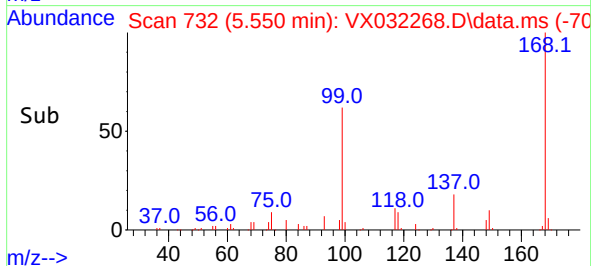
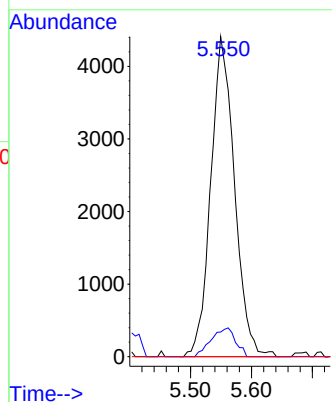
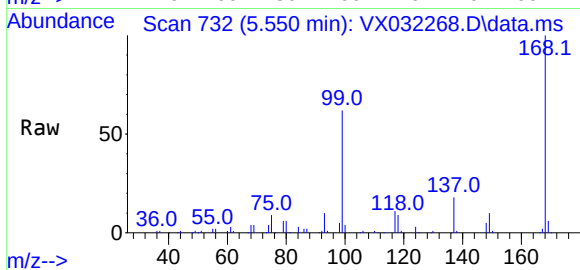
Tgt Ion: 75 Resp: 11954

Ion Ratio Lower Upper

75 100

110 9.2 18.4 55.0#

77 0.0 24.7 37.1#



#37

Ethyl Acetate

Concen: 0.512 ug/l

RT: 4.568 min Scan# 571

Delta R.T. -0.147 min

Lab File: VX032268.D

Acq: 20 Oct 2022 17:14

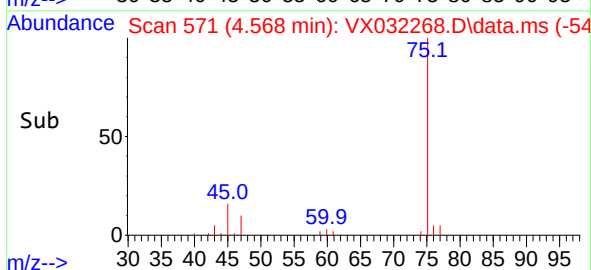
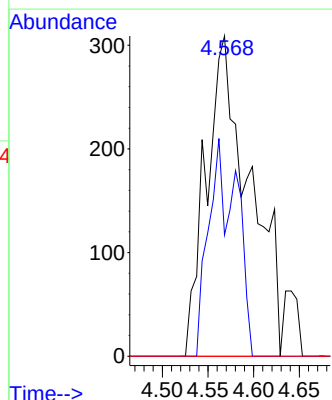
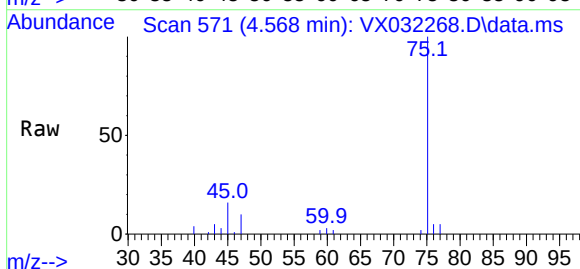
Tgt Ion: 43 Resp: 1018

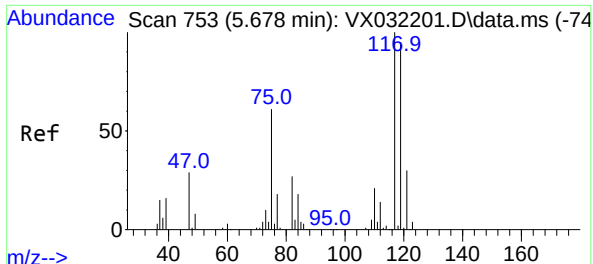
Ion Ratio Lower Upper

43 100

61 24.8 11.4 17.2#

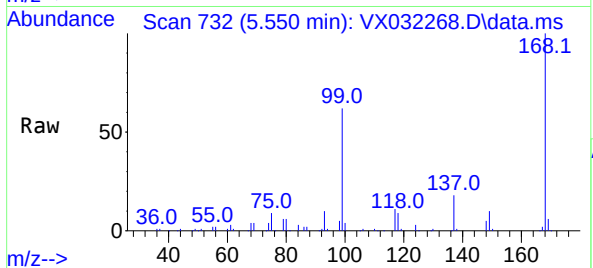
70 0.0 8.8 13.2#



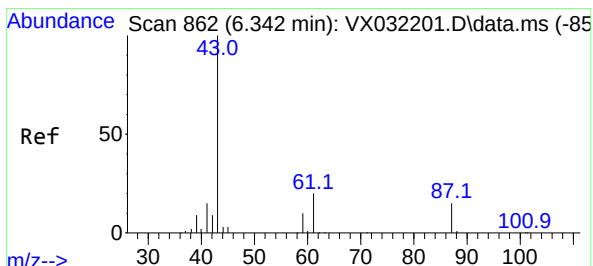
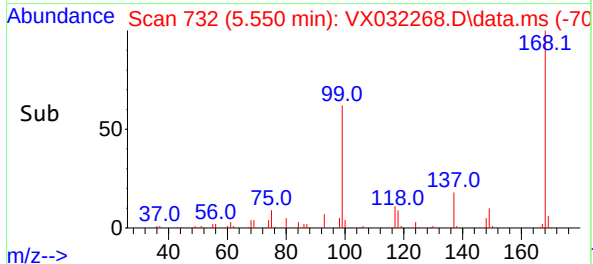
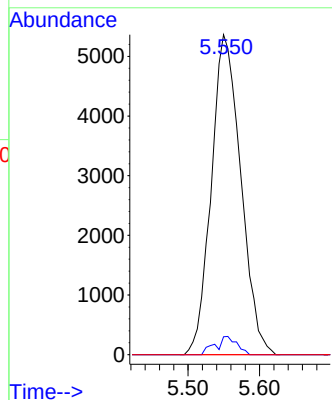


#38
Carbon Tetrachloride
Concen: 7.155 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX032268.D
Acq: 20 Oct 2022 17:14

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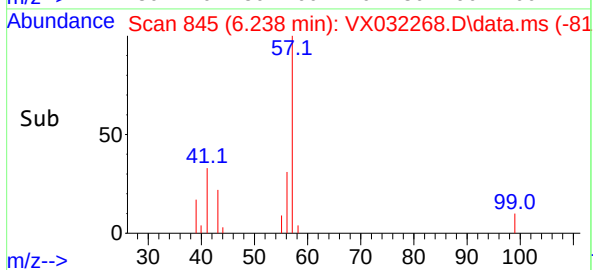
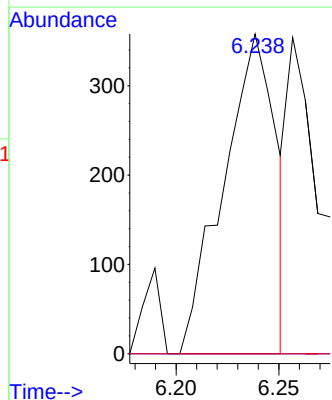
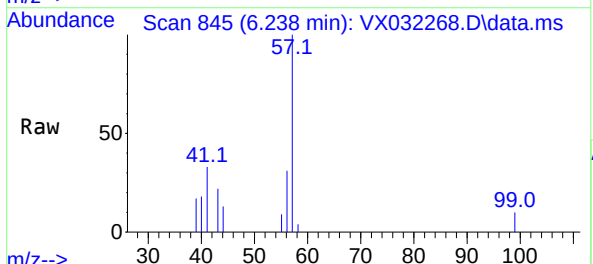


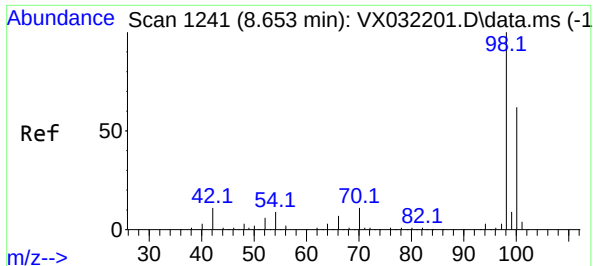
Tgt Ion:117 Resp: 15353
Ion Ratio Lower Upper
117 100
119 5.6 75.4 113.0#
121 0.0 23.9 35.9#



#43
Isopropyl Acetate
Concen: 0.203 ug/l
RT: 6.238 min Scan# 845
Delta R.T. -0.104 min
Lab File: VX032268.D
Acq: 20 Oct 2022 17:14

Tgt Ion: 43 Resp: 635
Ion Ratio Lower Upper
43 100
61 0.0 15.5 23.3#
87 0.0 11.0 16.6#

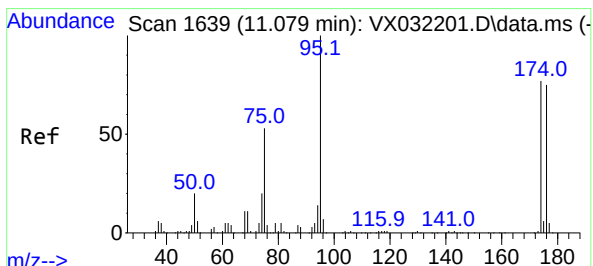
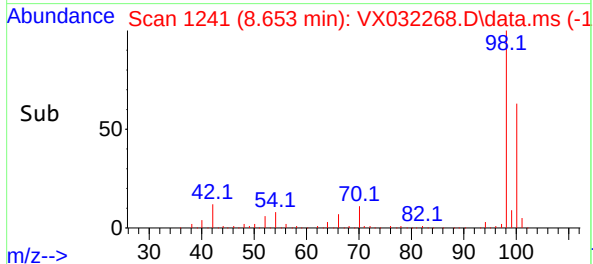
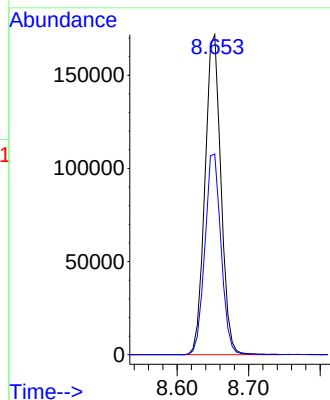
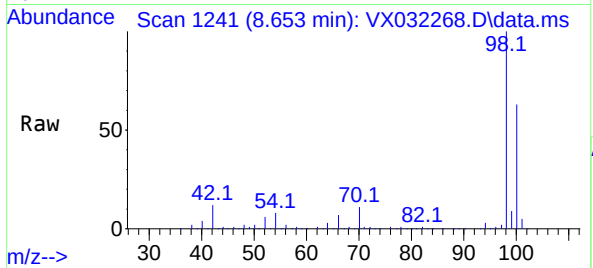




#50
Toluene-d8
Concen: 46.929 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032268.D
Acq: 20 Oct 2022 17:14

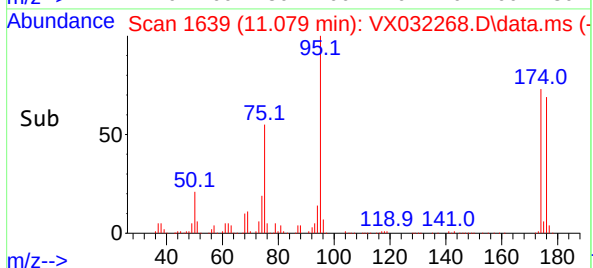
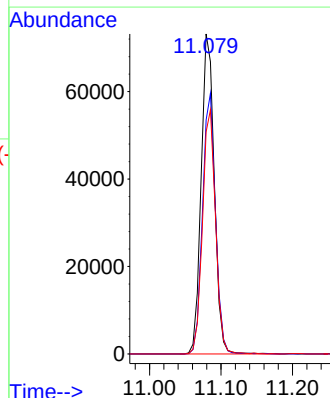
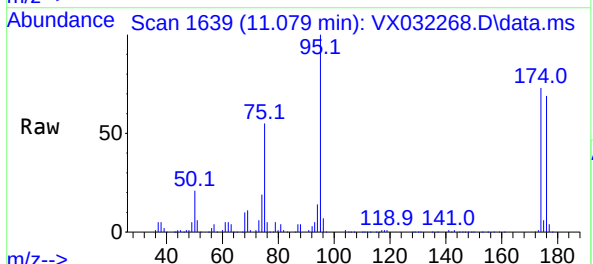
Instrument :
MSVOA_X
ClientSampleId :
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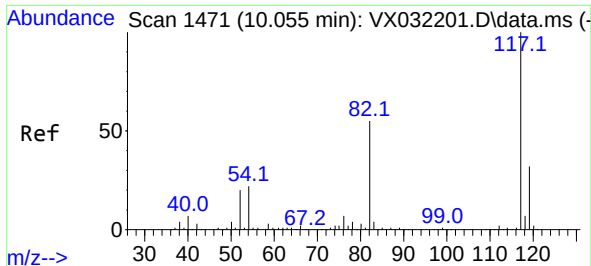
Tgt Ion: 98 Resp: 266928
Ion Ratio Lower Upper
98 100
100 63.5 50.7 76.1



#62
4-Bromofluorobenzene
Concen: 44.643 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032268.D
Acq: 20 Oct 2022 17:14

Tgt Ion: 95 Resp: 92982
Ion Ratio Lower Upper
95 100
174 80.6 0.0 166.8
176 76.0 0.0 161.4

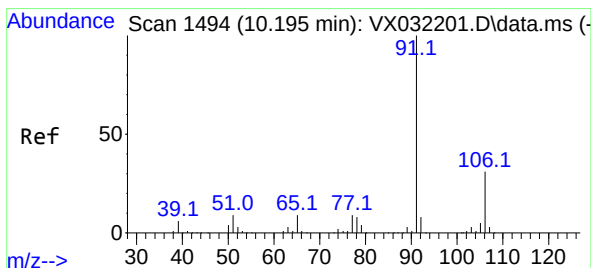
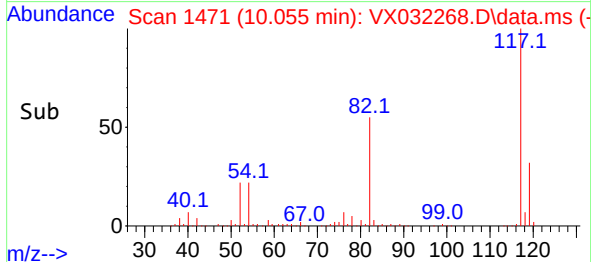
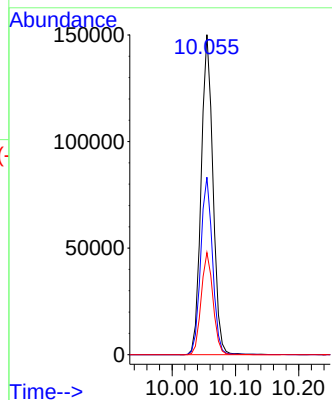
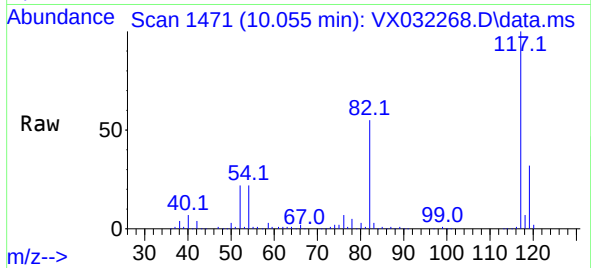




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032268.D
Acq: 20 Oct 2022 17:14

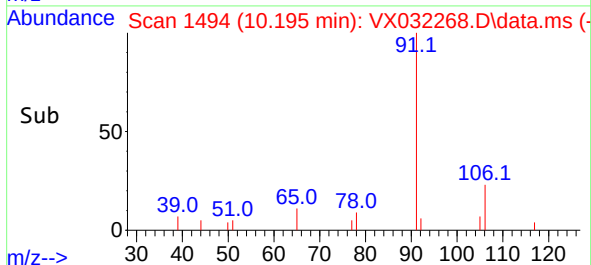
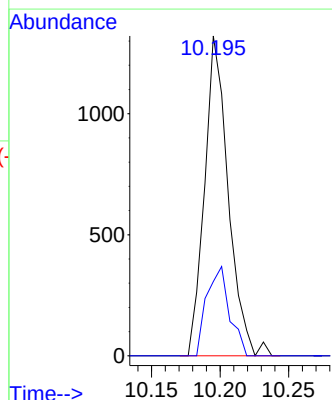
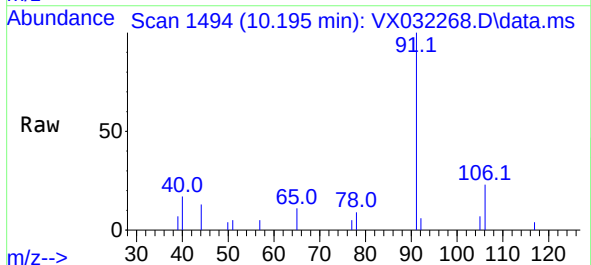
Instrument :
MSVOA_X
ClientSampleId :
EB-2022-10-18

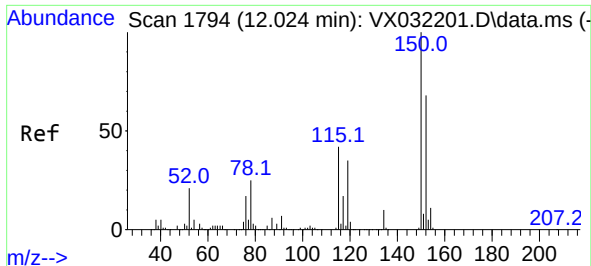
Tgt Ion:117 Resp: 195316
Ion Ratio Lower Upper
117 100
82 55.5 44.2 66.4
119 31.9 25.8 38.8



#67
Ethyl Benzene
Concen: 0.225 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX032268.D
Acq: 20 Oct 2022 17:14

Tgt Ion: 91 Resp: 1592
Ion Ratio Lower Upper
91 100
106 23.2 25.0 37.4#

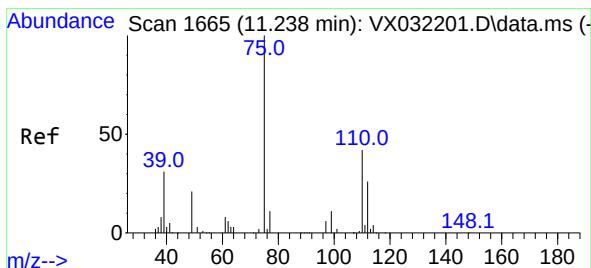
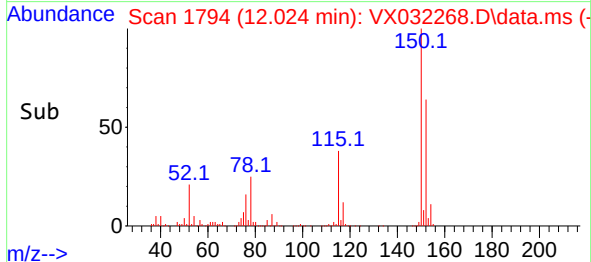
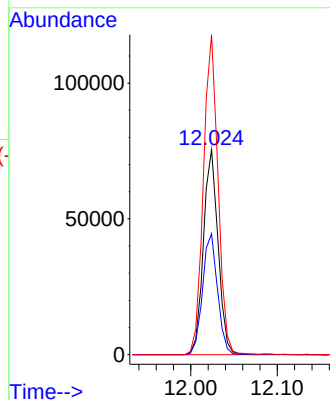
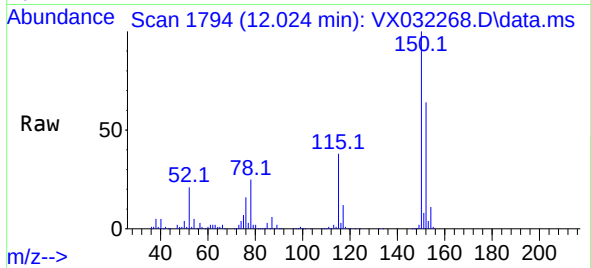




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX032268.D
 Acq: 20 Oct 2022 17:14

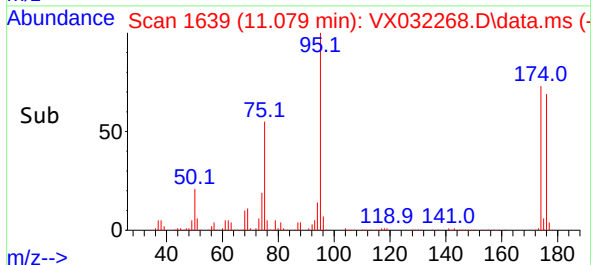
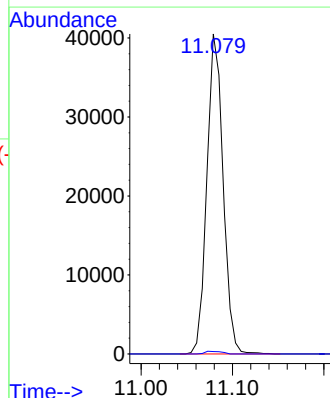
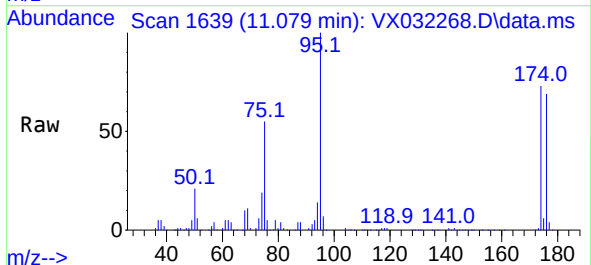
Instrument :
 MSVOA_X
 ClientSampleId :
 EB-2022-10-18

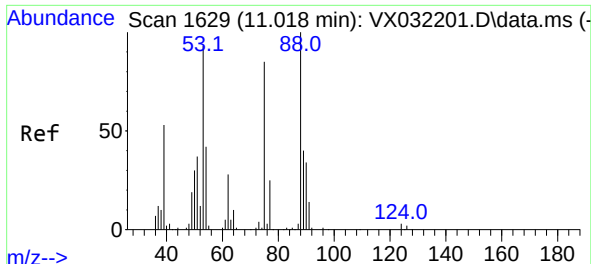
Tgt Ion:152 Resp: 88777
 Ion Ratio Lower Upper
 152 100
 115 60.2 43.1 129.4
 150 156.0 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 28.378 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX032268.D
 Acq: 20 Oct 2022 17:14

Tgt Ion: 75 Resp: 49919
 Ion Ratio Lower Upper
 75 100
 77 0.9 16.0 47.9#

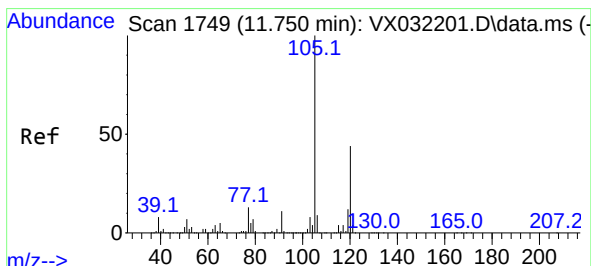
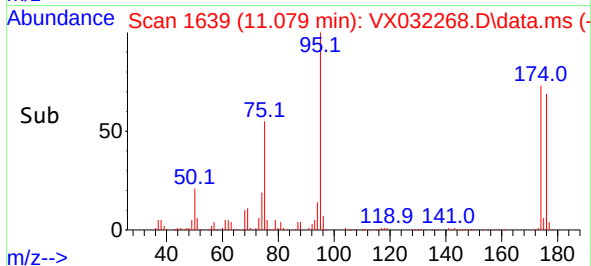
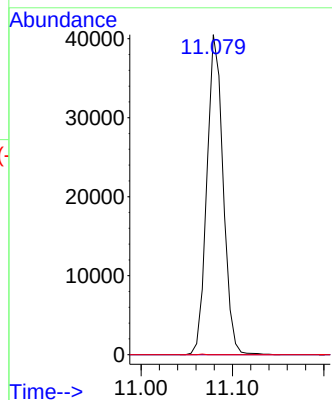
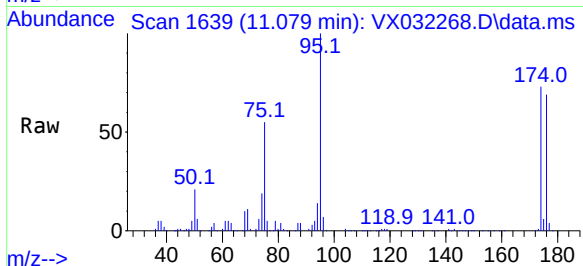




#81
trans-1,4-Dichloro-2-butene
Concen: 86.993 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX032268.D
Acq: 20 Oct 2022 17:14

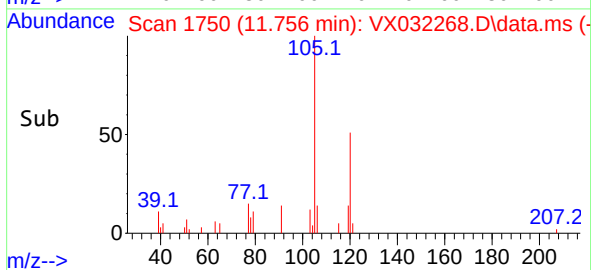
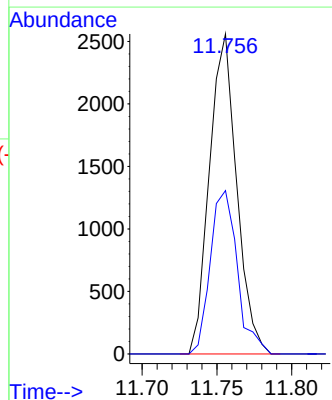
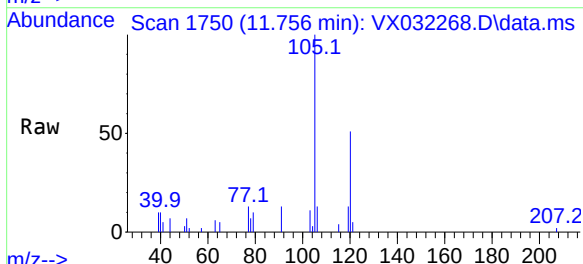
Instrument :
MSVOA_X
ClientSampleId :
EB-2022-10-18

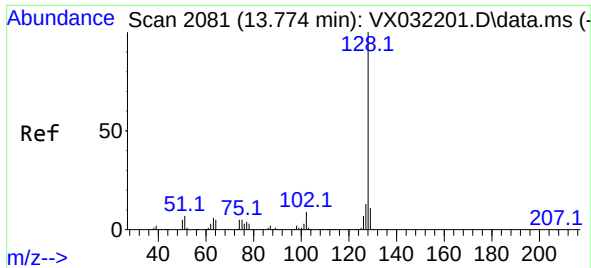
Tgt Ion: 75 Resp: 49919
Ion Ratio Lower Upper
75 100
53 0.0 87.8 131.8#
89 0.1 37.8 56.8#



#84
1,2,4-Trimethylbenzene
Concen: 0.610 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX032268.D
Acq: 20 Oct 2022 17:14

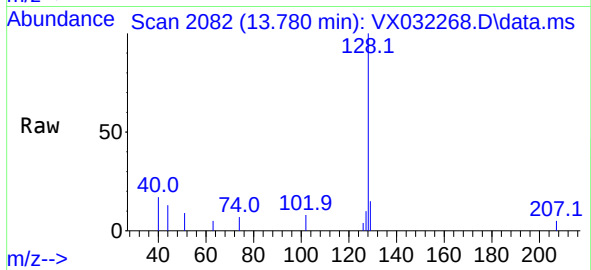
Tgt Ion: 105 Resp: 3246
Ion Ratio Lower Upper
105 100
120 50.5 22.1 66.1





#95
Naphthalene
Concen: 0.276 ug/l
RT: 13.780 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX032268.D
Acq: 20 Oct 2022 17:14

Instrument :
MSVOA_X
ClientSampleId :
EB-2022-10-18



Tgt Ion:128 Resp: 1686

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	9.3	8.7	13.1

