

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092922\
 Data File : VX031795.D
 Acq On : 30 Sep 2022 00:49
 Operator : JC/MD
 Sample : N4864-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-2022-09-27

Quant Time: Sep 30 04:46:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 01:44:18 2022
 Response via : Initial Calibration

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

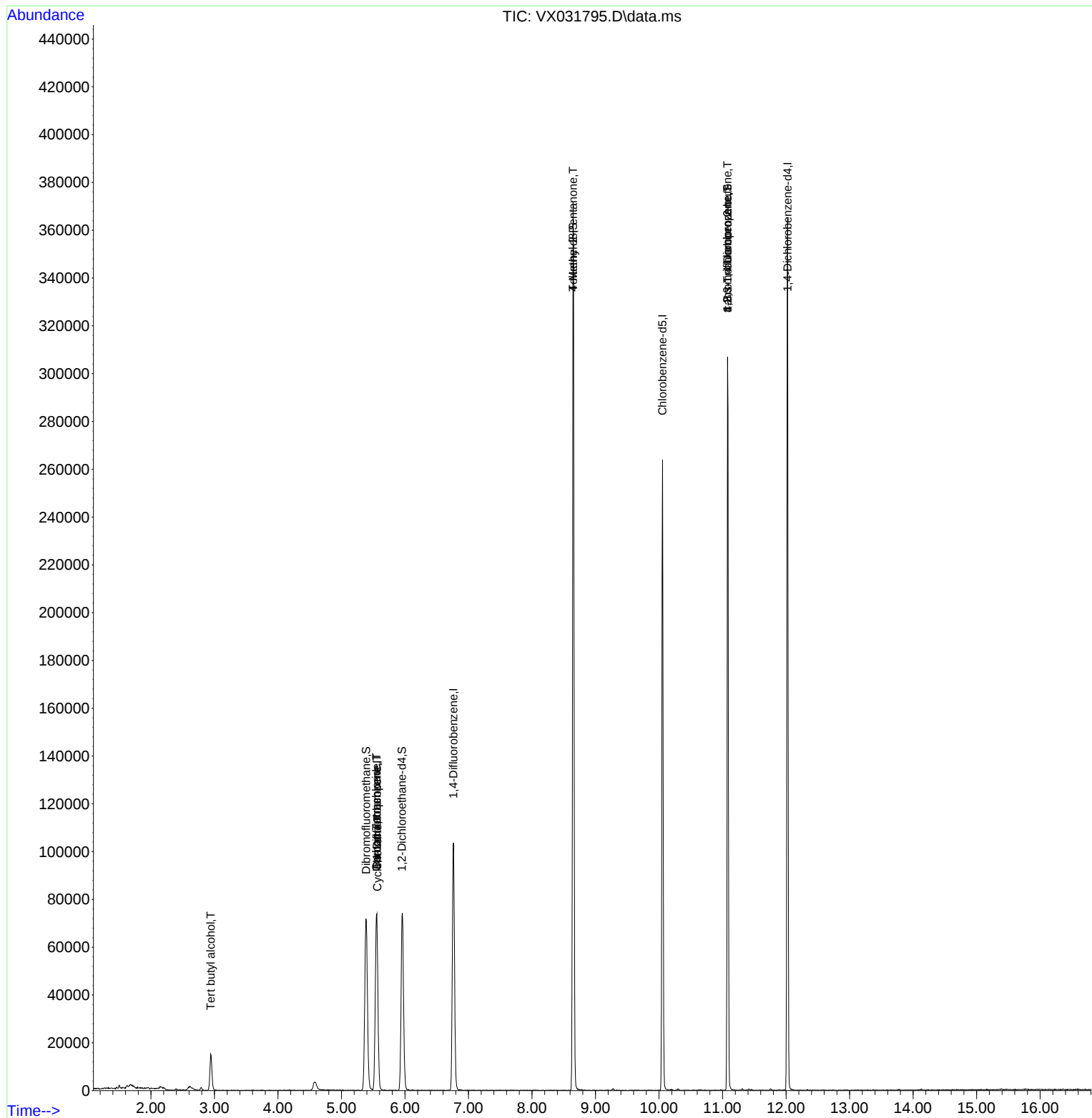
Internal Standards						
1) Pentafluorobenzene	5.556	168	72679	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	112544	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	120946	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	78839	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	71886	46.602	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.200%		
35) Dibromofluoromethane	5.385	113	62557	46.650	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.300%		
50) Toluene-d8	8.647	98	223853	46.045	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	92.080%		
62) 4-Bromofluorobenzene	11.079	95	79073	44.376	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	88.760%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	71	Below Cal	#	41
5) Bromomethane	1.618	94	475	Below Cal		96
6) Chloroethane	1.709	64	165	Below Cal	#	43
11) Tert butyl alcohol	2.941	59	8006	12.912	ug/l #	74
16) Acetone	2.392	43	691	Below Cal	#	63
17) Carbon Disulfide	2.520	76	248	Below Cal	#	75
20) Methylene Chloride	2.794	84	650	Below Cal	#	68
31) Cyclohexane	5.562	56	1615	1.101	ug/l #	58
36) 1,1-Dichloropropene	5.556	75	5643	3.664	ug/l #	46
38) Carbon Tetrachloride	5.550	117	7348	4.234	ug/l #	18
51) 4-Methyl-2-Pentanone	8.647	43	790	0.511	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	40617	28.418	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	40617	93.830	ug/l #	11

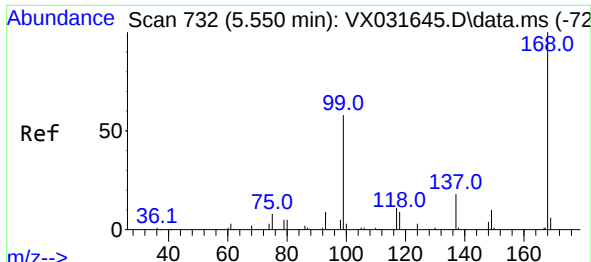
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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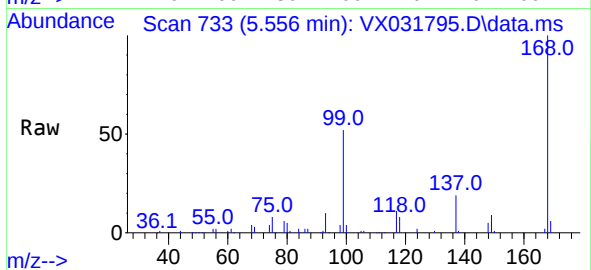
Quant Time: Sep 30 04:46:36 2022
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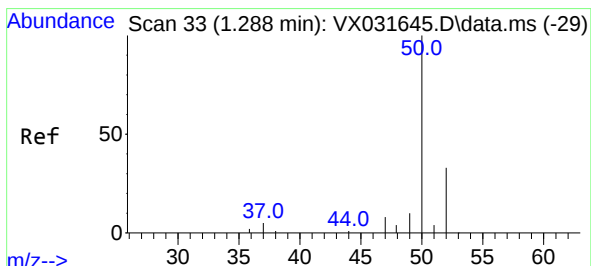
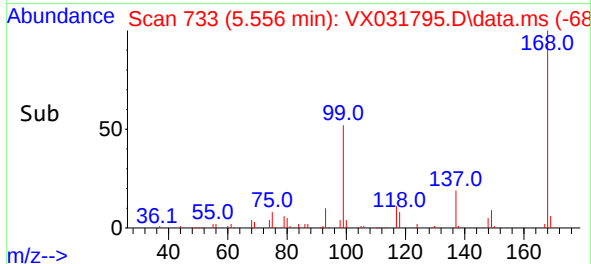
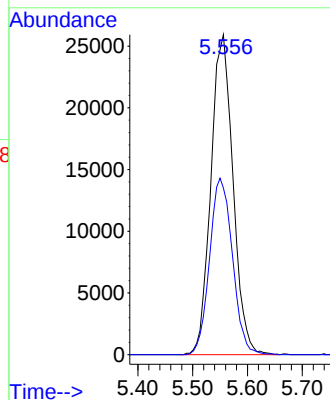


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031795.D
Acq: 30 Sep 2022 00:49

Instrument :
MSVOA_X
ClientSampleId :
EB-2022-09-27

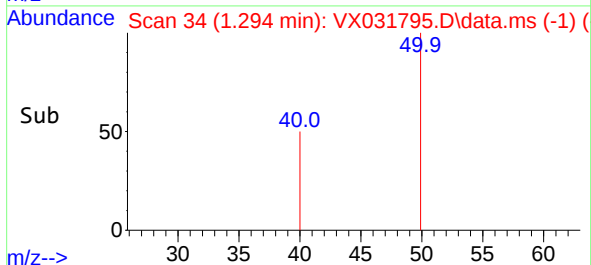
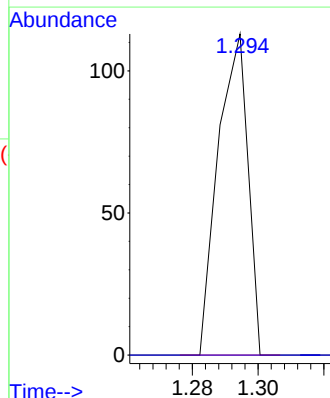
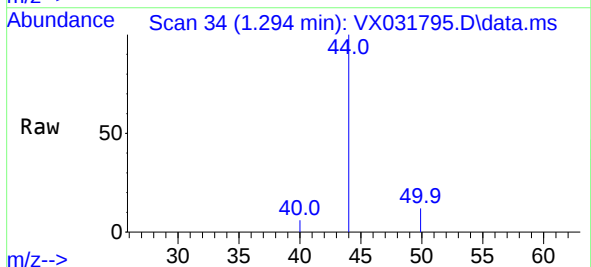


Tgt Ion:168 Resp: 72679
Ion Ratio Lower Upper
168 100
99 52.1 48.8 73.2

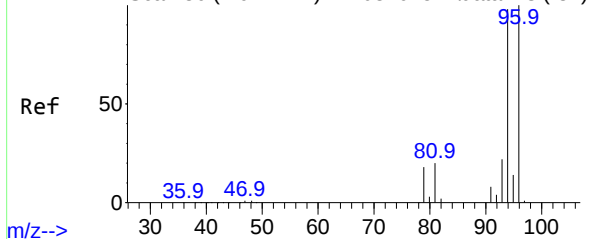


#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX031795.D
Acq: 30 Sep 2022 00:49

Tgt Ion: 50 Resp: 71
Ion Ratio Lower Upper
50 100
52 0.0 26.9 40.3#



Abundance Scan 86 (1.611 min): VX031645.D\data.ms (-81)



#5

Bromomethane

Concen: Below Cal

RT: 1.618 min Scan# 81

Delta R.T. 0.007 min

Lab File: VX031795.D

Acq: 30 Sep 2022 00:49

Instrument :

MSVOA_X

ClientSampleId :

EB-2022-09-27

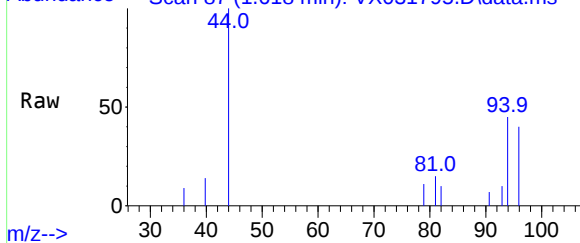
Tgt Ion: 94 Resp: 475

Ion Ratio Lower Upper

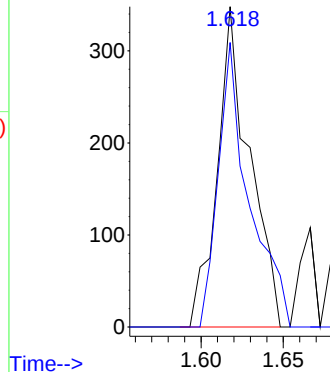
94 100

96 88.8 74.4 111.6

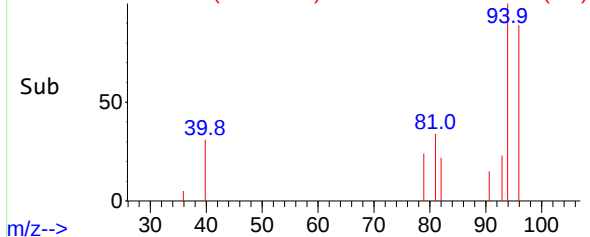
Abundance Scan 87 (1.618 min): VX031795.D\data.ms



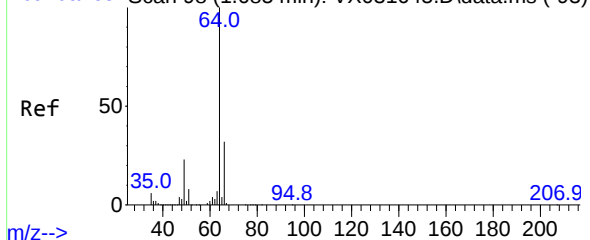
Abundance



Abundance Scan 87 (1.618 min): VX031795.D\data.ms (-37)



Abundance Scan 98 (1.685 min): VX031645.D\data.ms (-93)



#6

Chloroethane

Concen: Below Cal

RT: 1.709 min Scan# 102

Delta R.T. 0.024 min

Lab File: VX031795.D

Acq: 30 Sep 2022 00:49

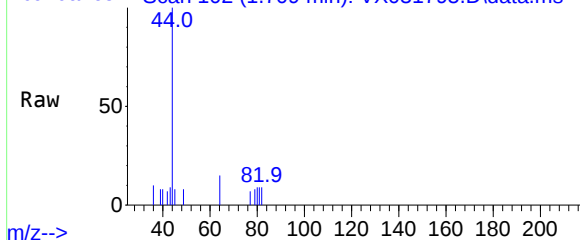
Tgt Ion: 64 Resp: 165

Ion Ratio Lower Upper

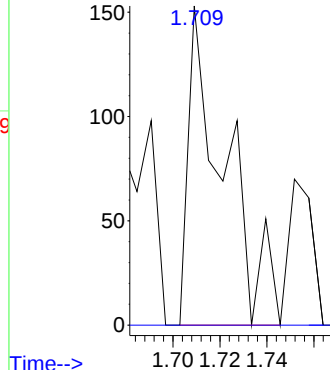
64 100

66 0.0 25.0 37.4#

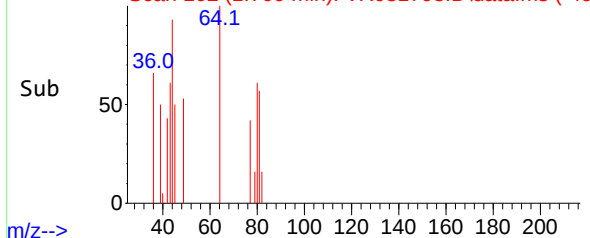
Abundance Scan 102 (1.709 min): VX031795.D\data.ms

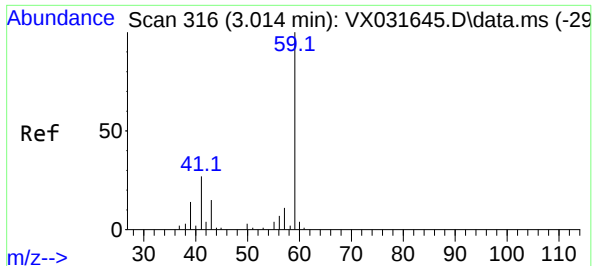


Abundance



Abundance Scan 102 (1.709 min): VX031795.D\data.ms (-49)

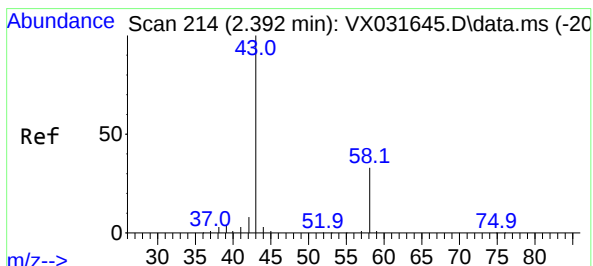
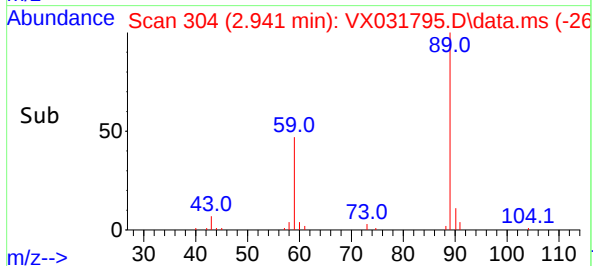
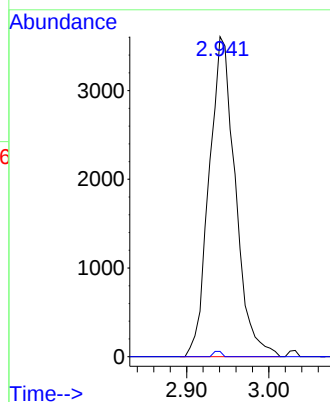
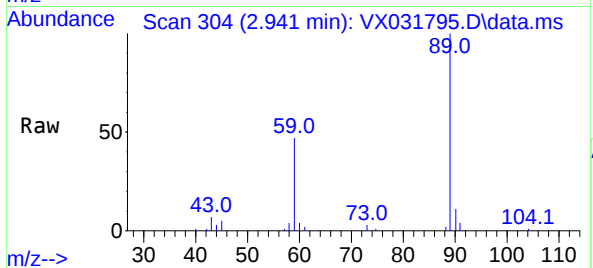




#11
Tert butyl alcohol
Concen: 12.912 ug/l
RT: 2.941 min Scan# 30
Delta R.T. -0.048 min
Lab File: VX031795.D
Acq: 30 Sep 2022 00:49

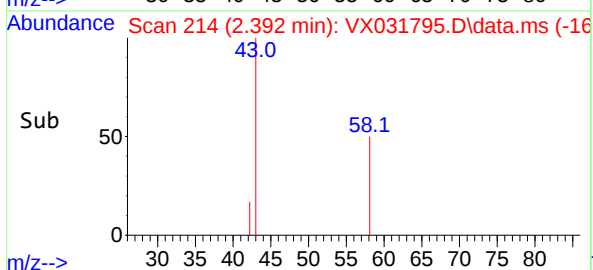
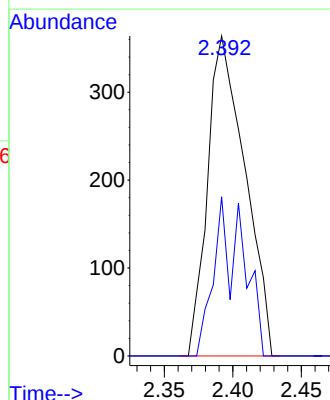
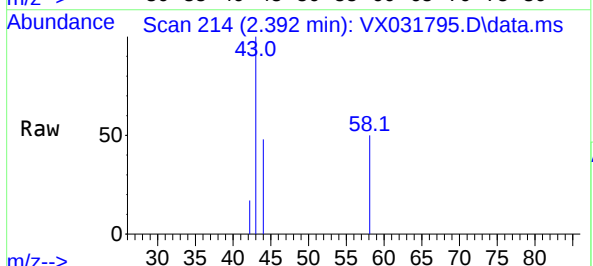
Instrument :
MSVOA_X
ClientSampleId :
EB-2022-09-27

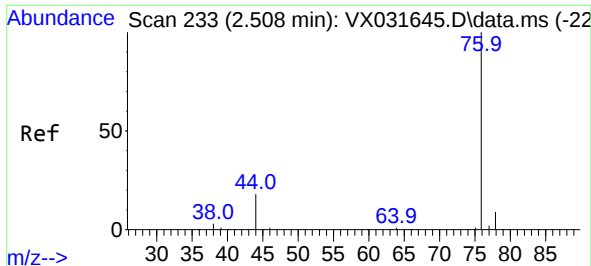
Tgt Ion: 59 Resp: 8006
Ion Ratio Lower Upper
59 100
57 0.5 8.2 12.2#



#16
Acetone
Concen: Below Cal
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX031795.D
Acq: 30 Sep 2022 00:49

Tgt Ion: 43 Resp: 691
Ion Ratio Lower Upper
43 100
58 49.7 23.8 35.8#

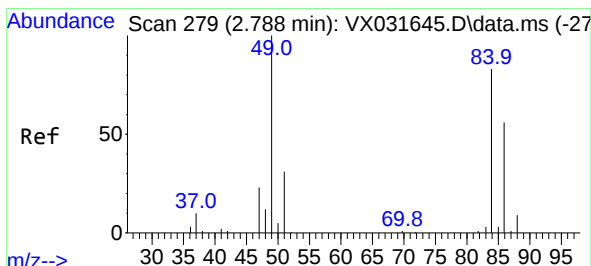
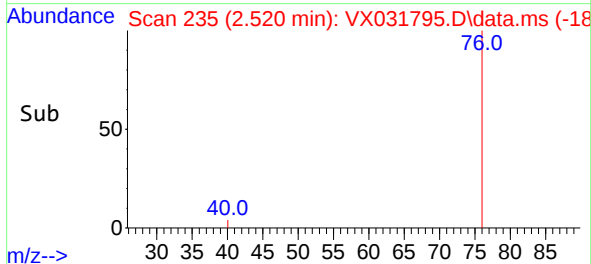
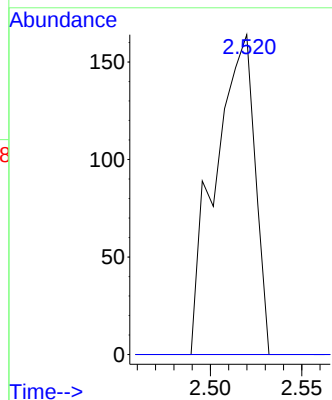
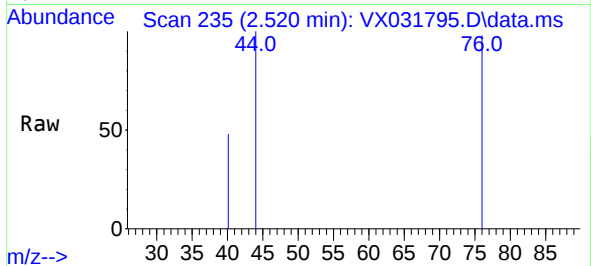




#17
Carbon Disulfide
Concen: Below Cal
RT: 2.520 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX031795.D
Acq: 30 Sep 2022 00:49

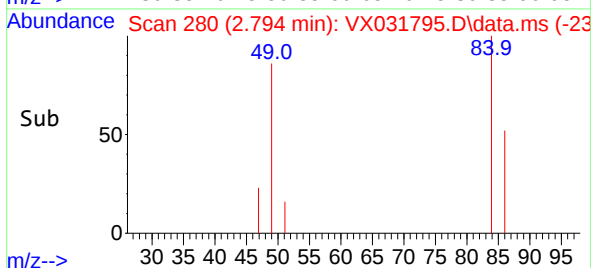
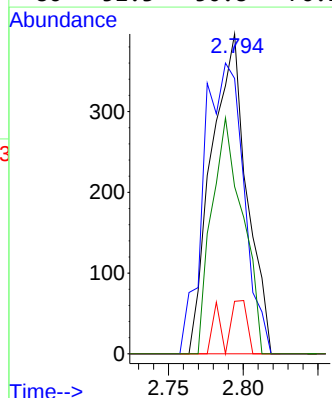
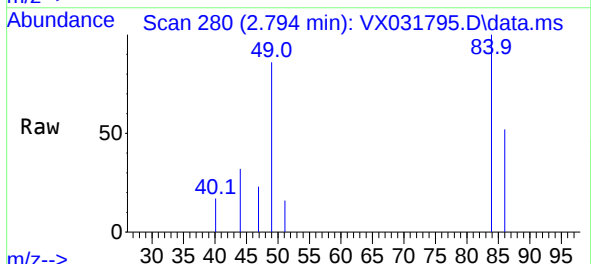
Instrument :
MSVOA_X
ClientSampleId :
EB-2022-09-27

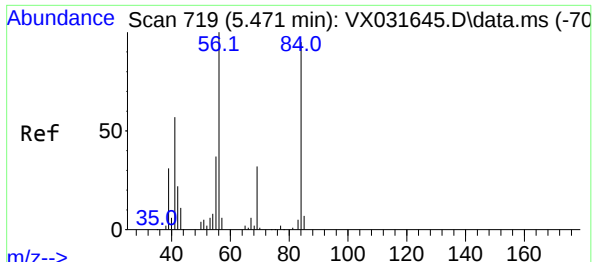
Tgt Ion: 76 Resp: 248
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX031795.D
Acq: 30 Sep 2022 00:49

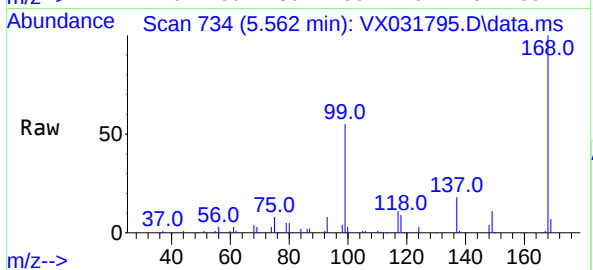
Tgt Ion: 84 Resp: 650
Ion Ratio Lower Upper
84 100
49 86.1 105.9 158.9#
51 16.4 32.2 48.2#
86 52.3 50.8 76.2



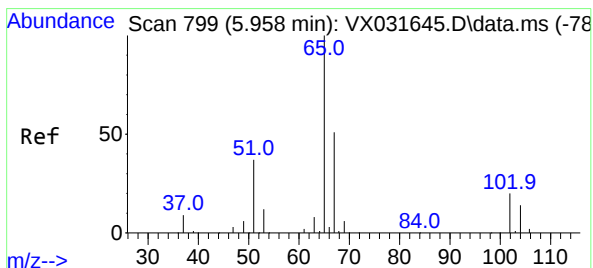
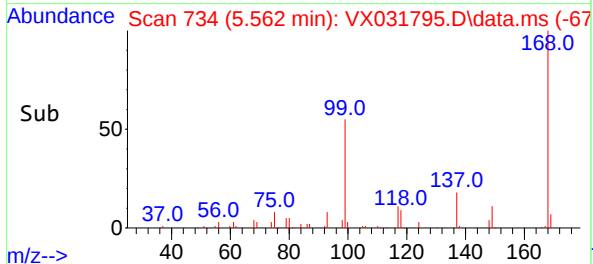
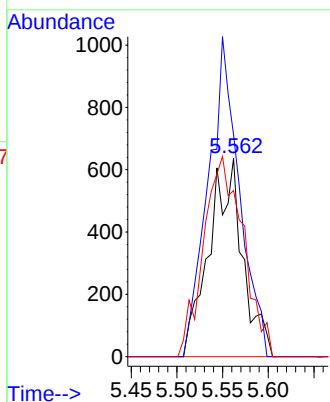


#31
Cyclohexane
Concen: 1.101 ug/l
RT: 5.562 min Scan# 719
Delta R.T. 0.091 min
Lab File: VX031795.D
Acq: 30 Sep 2022 00:49

Instrument :
MSVOA_X
ClientSampleId :
EB-2022-09-27

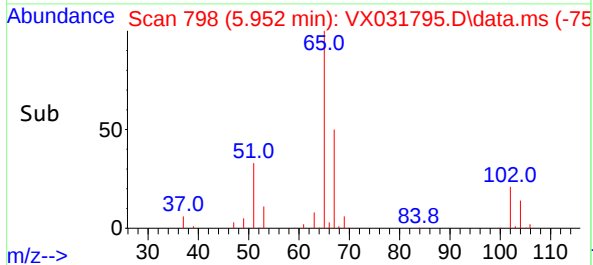
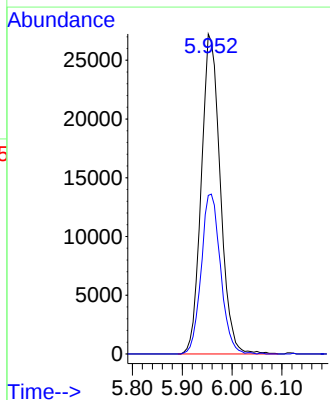
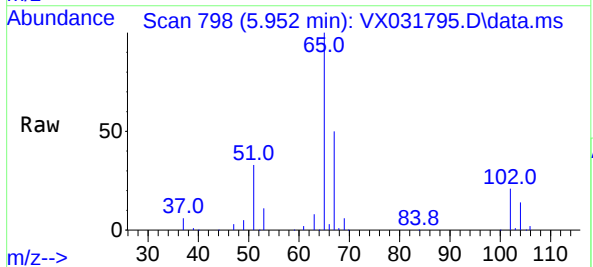


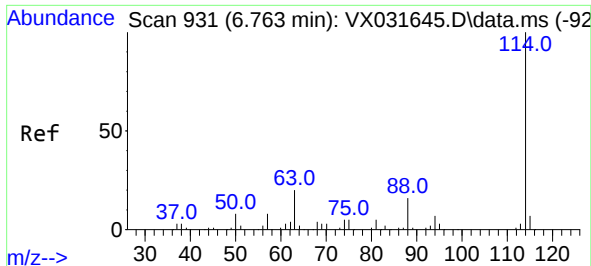
Tgt Ion: 56 Resp: 1615
Ion Ratio Lower Upper
56 100
69 111.8 25.1 37.7#
84 83.7 70.2 105.4



#33
1,2-Dichloroethane-d4
Concen: 46.602 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX031795.D
Acq: 30 Sep 2022 00:49

Tgt Ion: 65 Resp: 71886
Ion Ratio Lower Upper
65 100
67 50.9 0.0 102.4

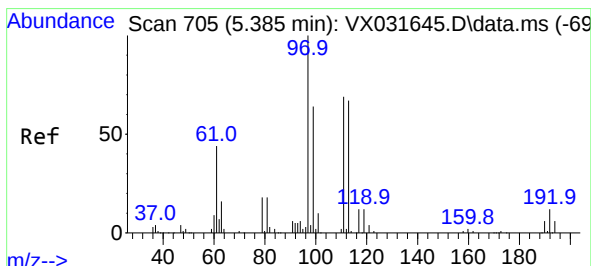
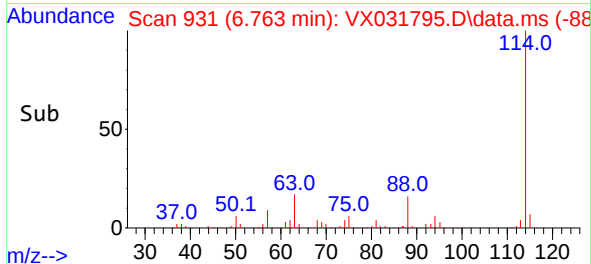
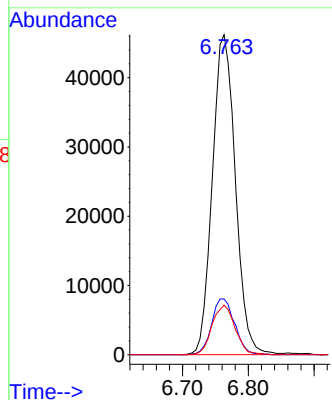
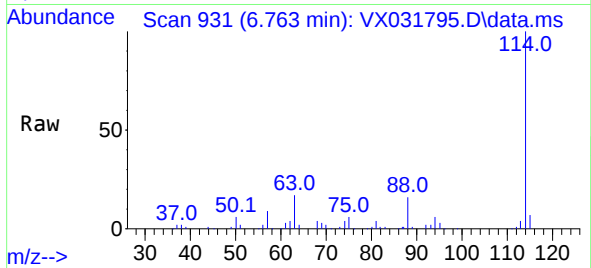




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX031795.D
Acq: 30 Sep 2022 00:49

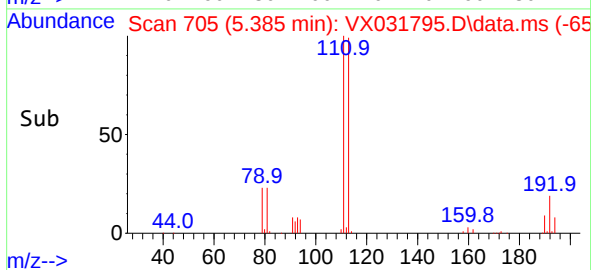
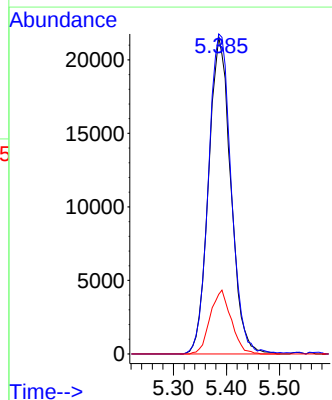
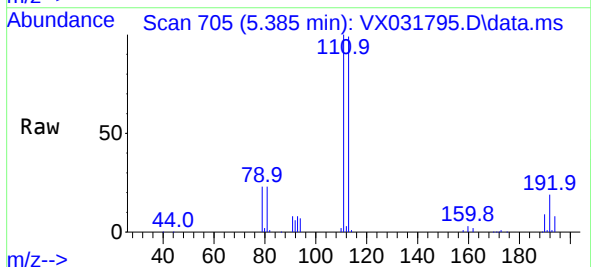
Instrument :
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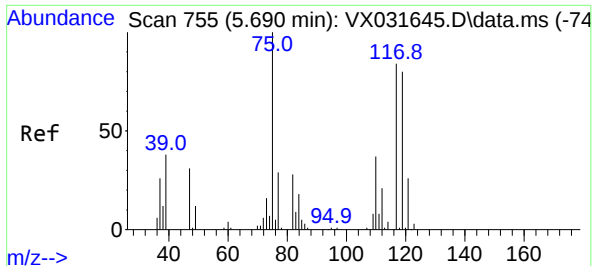
Tgt Ion:114 Resp: 112544
Ion Ratio Lower Upper
114 100
63 17.4 0.0 42.6
88 15.5 0.0 33.0



#35
Dibromofluoromethane
Concen: 46.650 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX031795.D
Acq: 30 Sep 2022 00:49

Tgt Ion:113 Resp: 62557
Ion Ratio Lower Upper
113 100
111 103.4 82.4 123.6
192 19.1 14.1 21.1





#36

1,1-Dichloropropene

Concen: 3.664 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.134 min

Lab File: VX031795.D

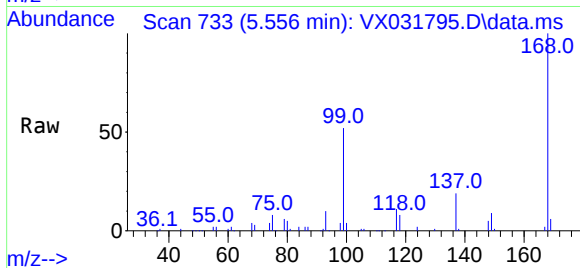
Acq: 30 Sep 2022 00:49

Instrument :

MSVOA_X

ClientSampleId :

EB-2022-09-27



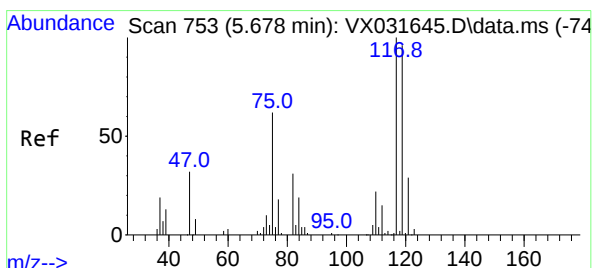
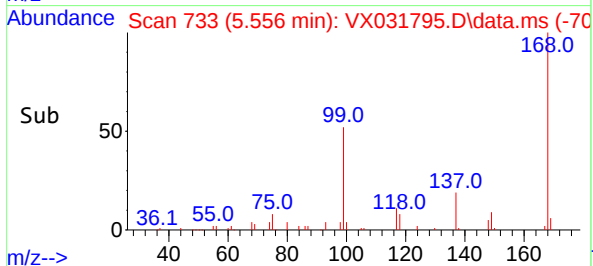
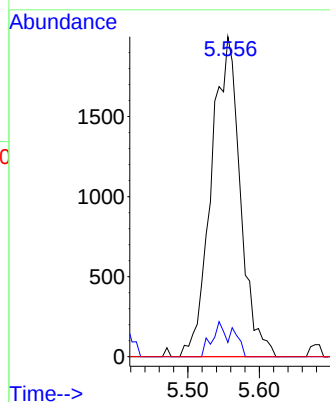
Tgt Ion: 75 Resp: 5643

Ion Ratio Lower Upper

75 100

110 5.1 17.5 52.5#

77 0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 4.234 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.128 min

Lab File: VX031795.D

Acq: 30 Sep 2022 00:49

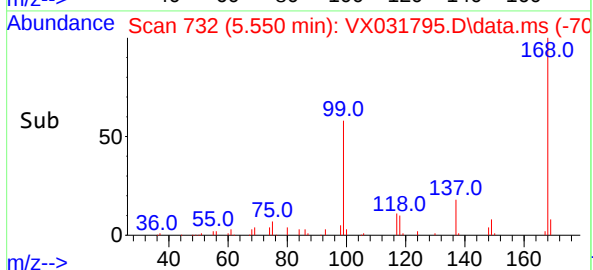
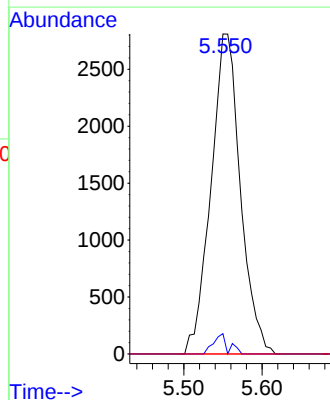
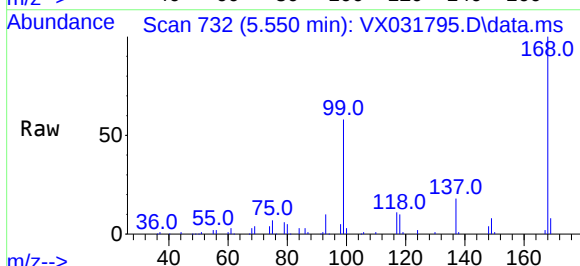
Tgt Ion: 117 Resp: 7348

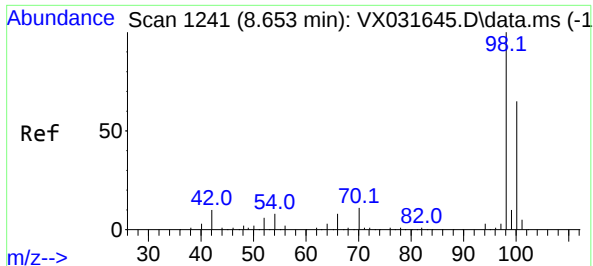
Ion Ratio Lower Upper

117 100

119 6.4 74.6 112.0#

121 0.0 25.3 37.9#

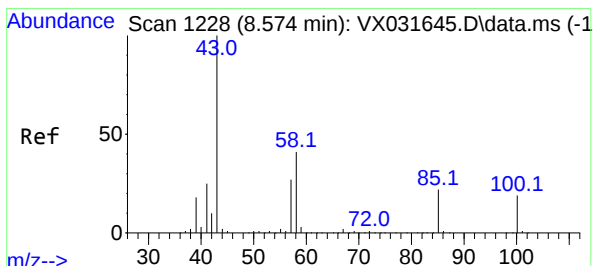
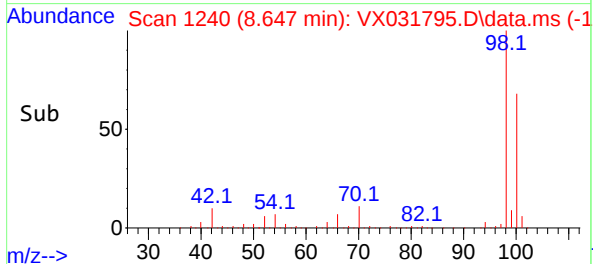
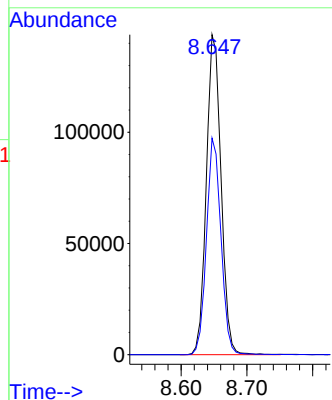
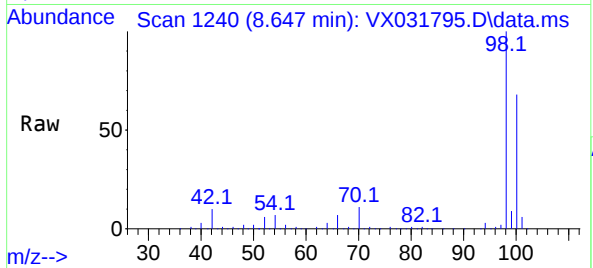




#50
Toluene-d8
Concen: 46.045 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX031795.D
Acq: 30 Sep 2022 00:49

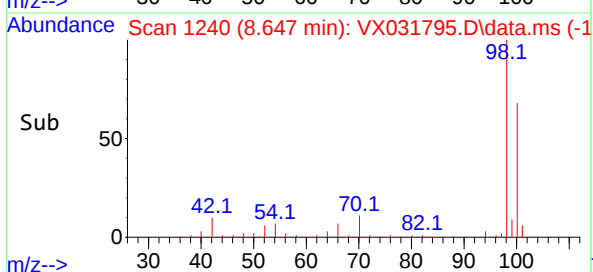
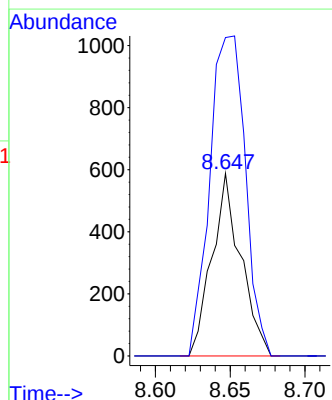
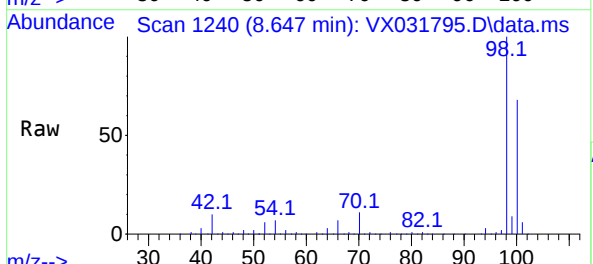
Instrument :
MSVOA_X
ClientSampleId :
EB-2022-09-27

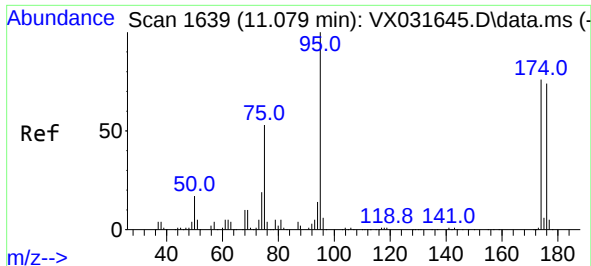
Tgt Ion: 98 Resp: 223853
Ion Ratio Lower Upper
98 100
100 66.7 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.511 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX031795.D
Acq: 30 Sep 2022 00:49

Tgt Ion: 43 Resp: 790
Ion Ratio Lower Upper
43 100
58 216.1 30.6 46.0#

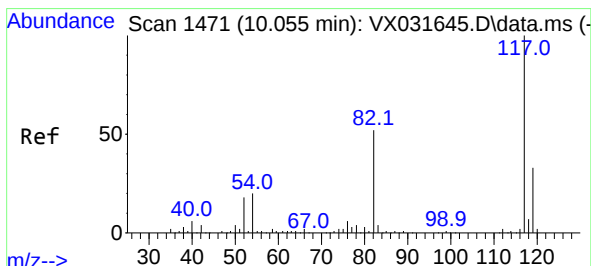
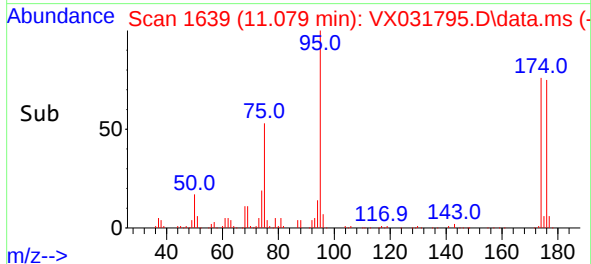
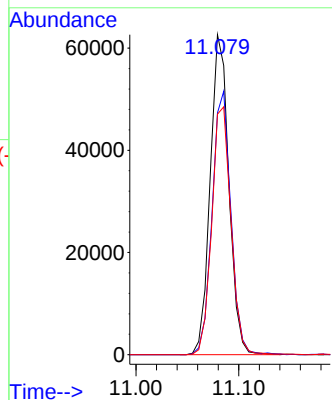
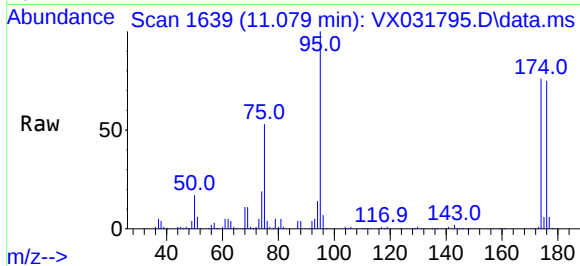




#62
4-Bromofluorobenzene
Concen: 44.376 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031795.D
Acq: 30 Sep 2022 00:49

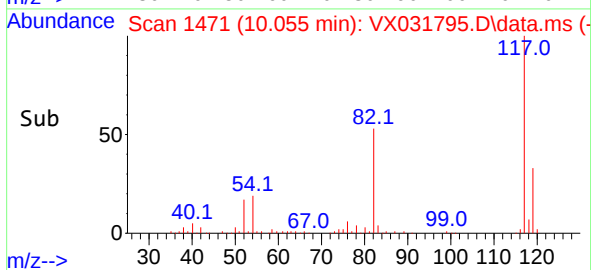
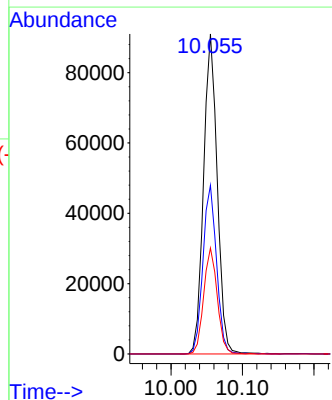
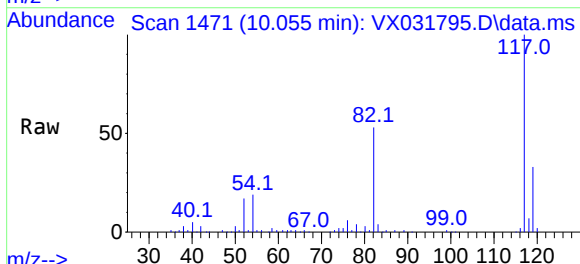
Instrument :
MSVOA_X
ClientSampleId :
EB-2022-09-27

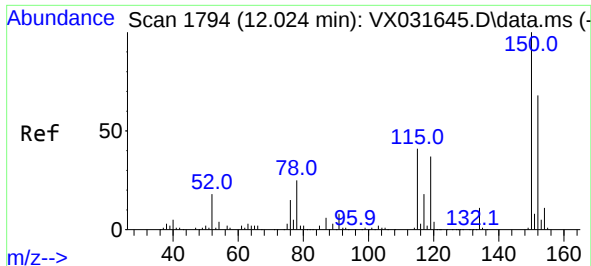
Tgt Ion: 95 Resp: 79073
Ion Ratio Lower Upper
95 100
174 82.8 0.0 153.2
176 79.9 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031795.D
Acq: 30 Sep 2022 00:49

Tgt Ion: 117 Resp: 120946
Ion Ratio Lower Upper
117 100
82 52.7 46.8 70.2
119 33.1 26.4 39.6

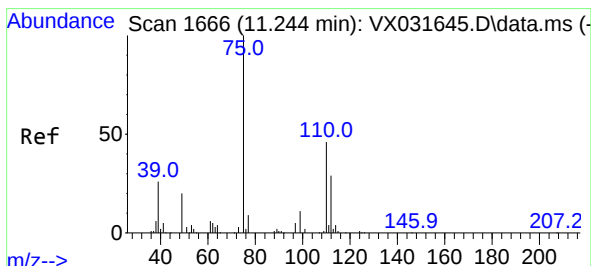
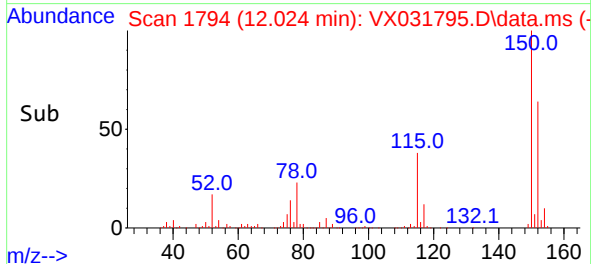
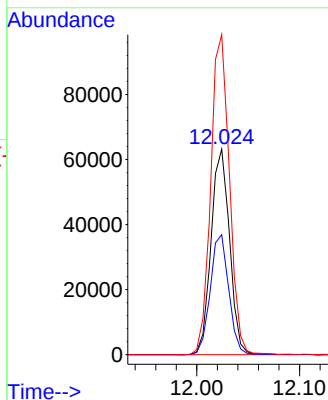
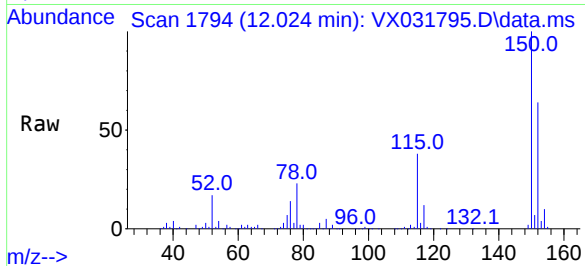




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031795.D
Acq: 30 Sep 2022 00:49

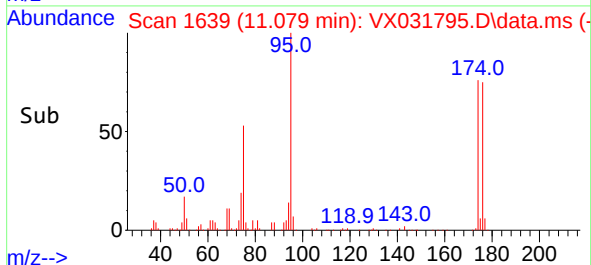
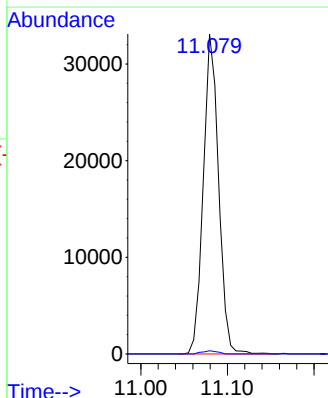
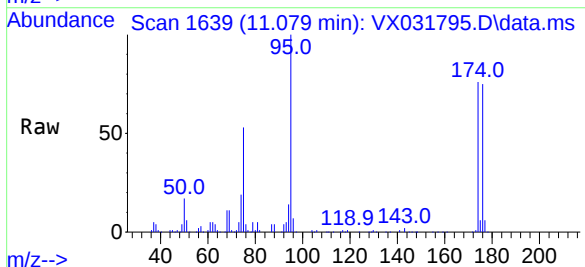
Instrument :
MSVOA_X
ClientSampleId :
EB-2022-09-27

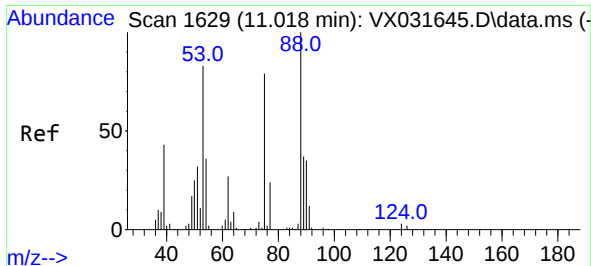
Tgt Ion:152 Resp: 78839
Ion Ratio Lower Upper
152 100
115 58.5 43.4 130.1
150 157.4 0.0 346.8



#76
1,2,3-Trichloropropane
Concen: 28.418 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX031795.D
Acq: 30 Sep 2022 00:49

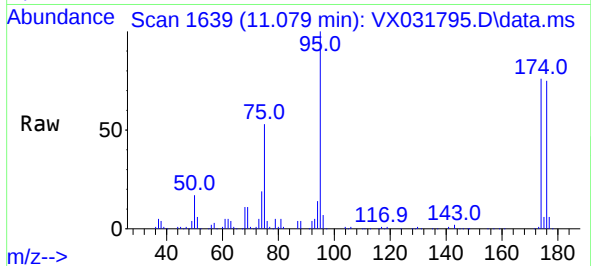
Tgt Ion: 75 Resp: 40617
Ion Ratio Lower Upper
75 100
77 1.0 20.3 60.9#





#81
trans-1,4-Dichloro-2-butene
Concen: 93.830 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX031795.D
Acq: 30 Sep 2022 00:49

Instrument :
MSVOA_X
ClientSampleId :
EB-2022-09-27



Tgt Ion: 75 Resp: 40617
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#

