

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092722\
 Data File : VX031707.D
 Acq On : 27 Sep 2022 17:20
 Operator : JC/MD
 Sample : N4835-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 529317-4

Quant Time: Sep 28 06:31:28 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)

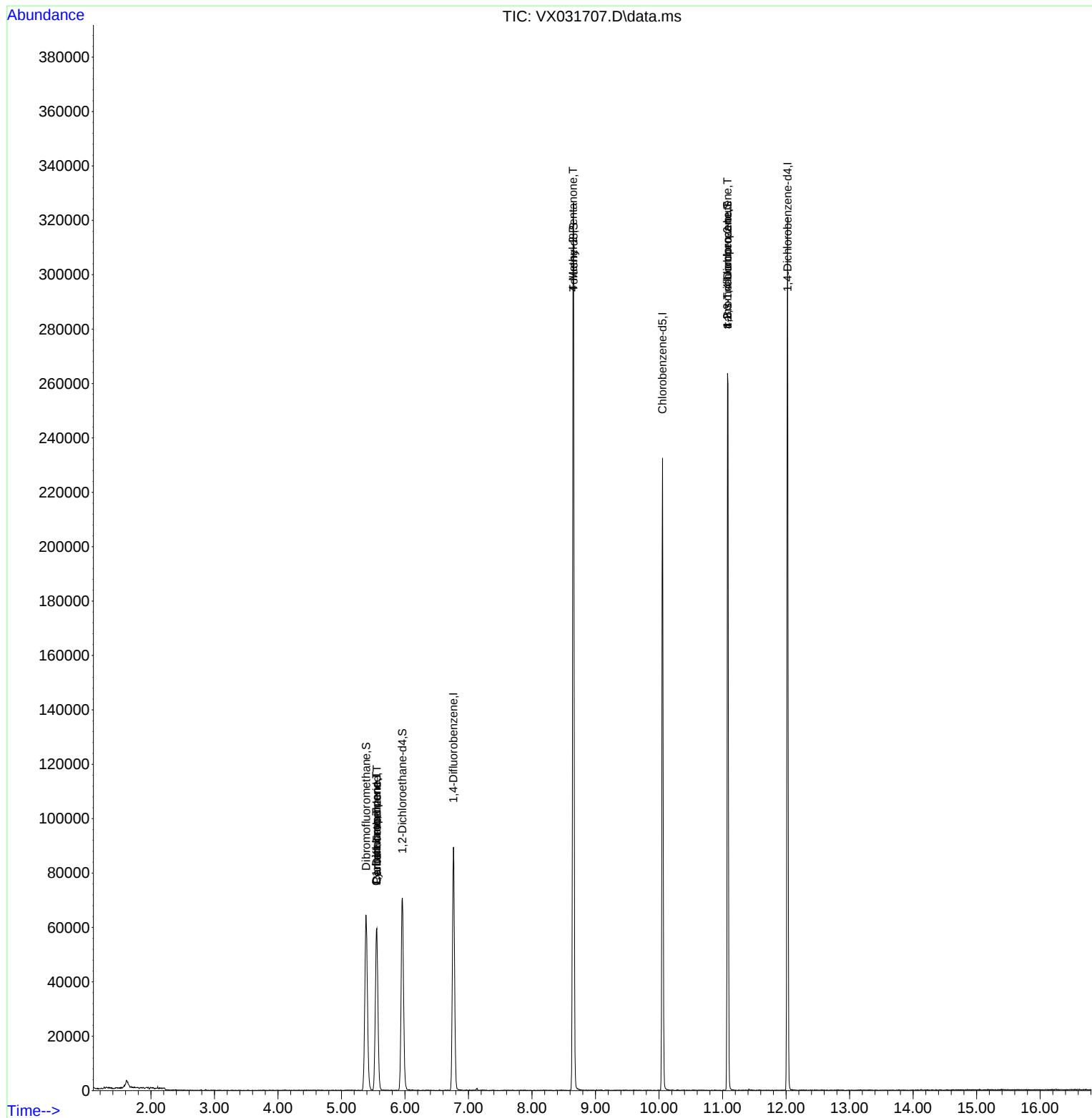
Internal Standards						
1) Pentafluorobenzene	5.556	168	56892	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	91922	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	99750	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	62643	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	68340	56.597	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 113.200%			
35) Dibromofluoromethane	5.385	113	53586	48.925	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.840%			
50) Toluene-d8	8.653	98	195734	49.293	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.580%			
62) 4-Bromofluorobenzene	11.079	95	65409	44.943	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 89.880%			
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	55	Below Cal	#	41
5) Bromomethane	1.618	94	397	Below Cal	#	69
6) Chloroethane	1.575	64	40	Below Cal	#	43
16) Acetone	2.386	43	282	Below Cal	#	45
20) Methylene Chloride	2.788	84	113	Below Cal	#	4
31) Cyclohexane	5.550	56	1150	1.002	ug/l #	43
36) 1,1-Dichloropropene	5.550	75	4460	3.546	ug/l #	47
38) Carbon Tetrachloride	5.556	117	5820	4.106	ug/l #	18
51) 4-Methyl-2-Pentanone	8.647	43	911	0.721	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	35801	31.525	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	35801	103.753	ug/l #	11

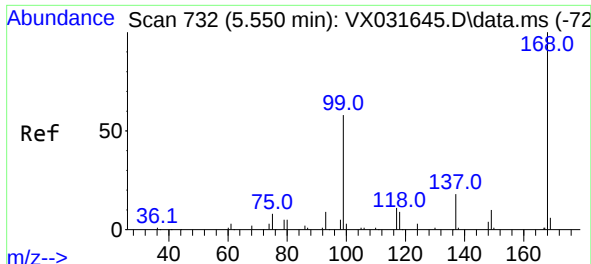
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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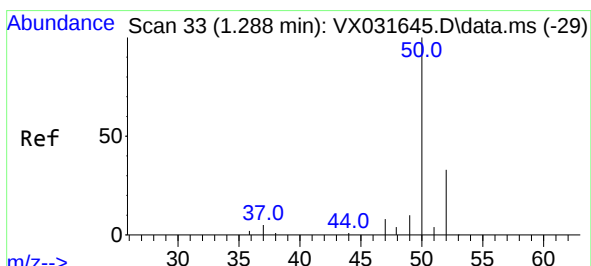
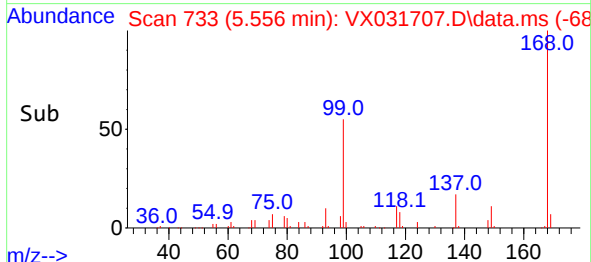
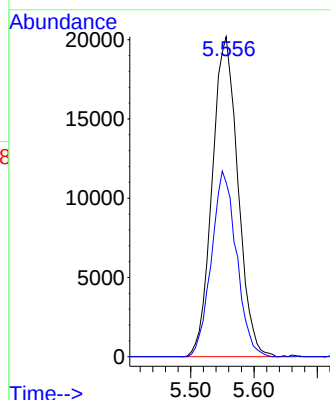
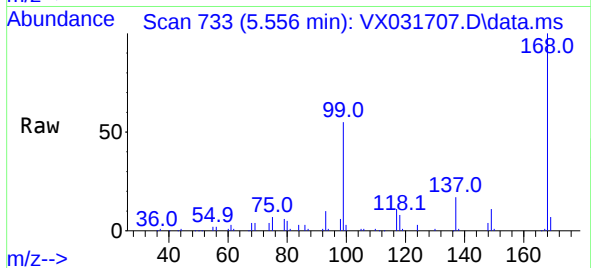




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031707.D
Acq: 27 Sep 2022 17:20

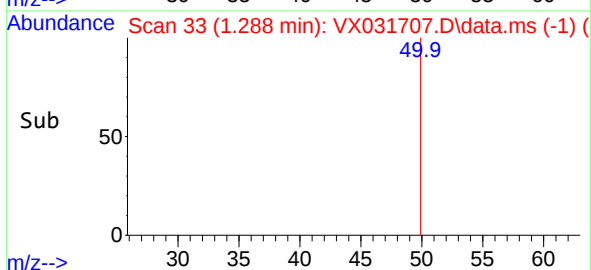
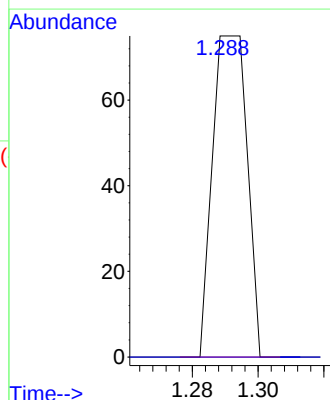
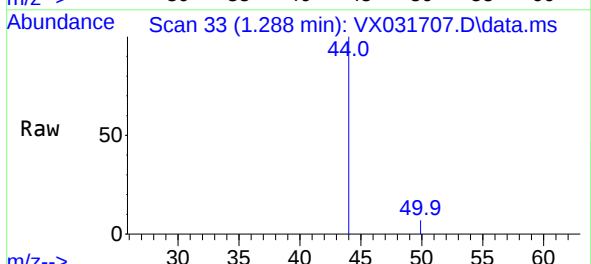
Instrument :
MSVOA_X
ClientSampleId :
529317-4

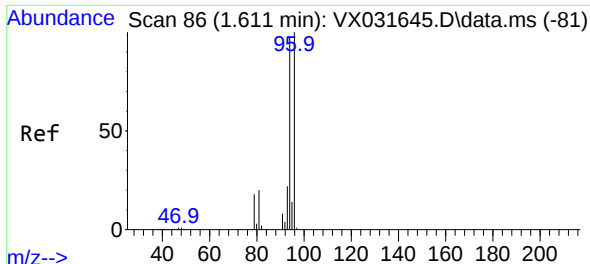
Tgt Ion:168 Resp: 56892
Ion Ratio Lower Upper
168 100
99 54.5 48.8 73.2



#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX031707.D
Acq: 27 Sep 2022 17:20

Tgt Ion: 50 Resp: 55
Ion Ratio Lower Upper
50 100
52 0.0 26.9 40.3#

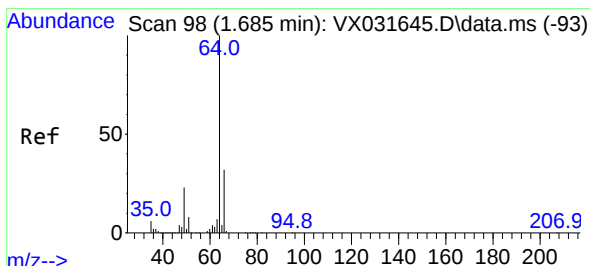
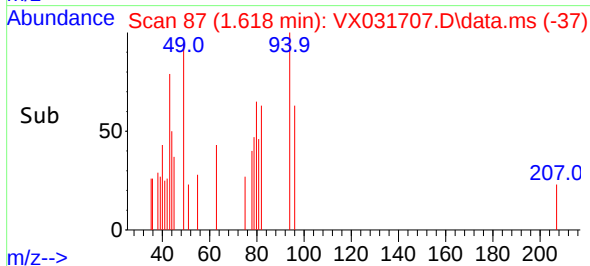
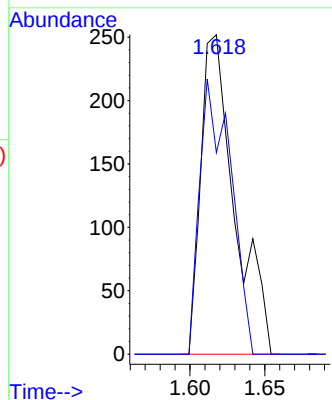
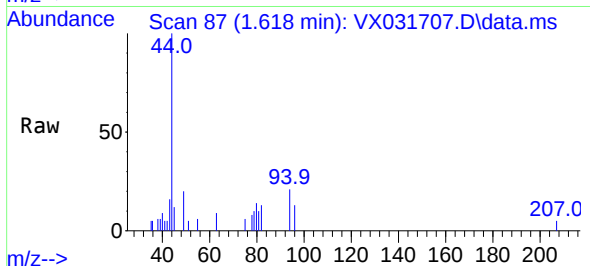




#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 81
Delta R.T. 0.007 min
Lab File: VX031707.D
Acq: 27 Sep 2022 17:20

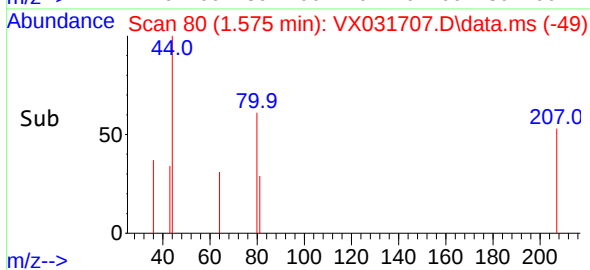
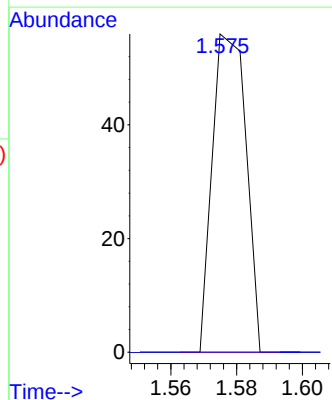
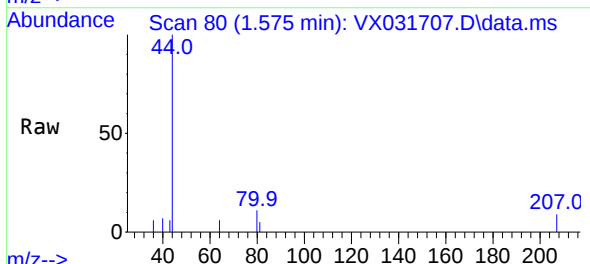
Instrument :
MSVOA_X
ClientSampleId :
529317-4

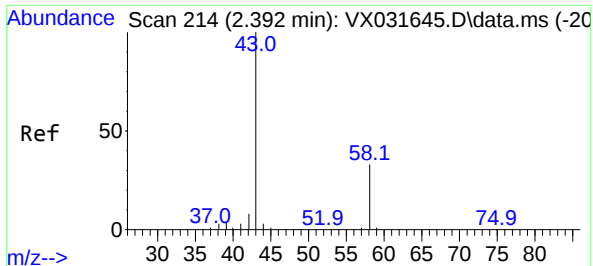
Tgt Ion: 94 Resp: 397
Ion Ratio Lower Upper
94 100
96 63.1 74.4 111.6#



#6
Chloroethane
Concen: Below Cal
RT: 1.575 min Scan# 80
Delta R.T. -0.110 min
Lab File: VX031707.D
Acq: 27 Sep 2022 17:20

Tgt Ion: 64 Resp: 40
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#

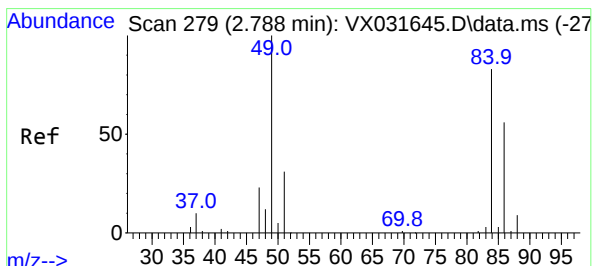
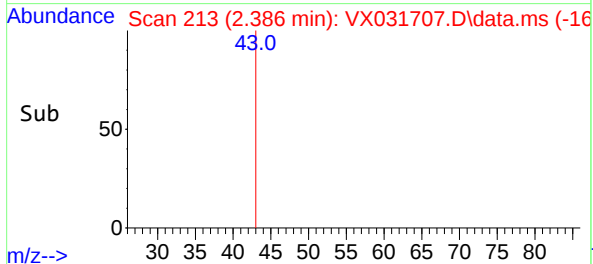
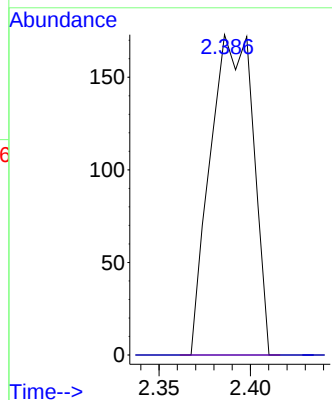
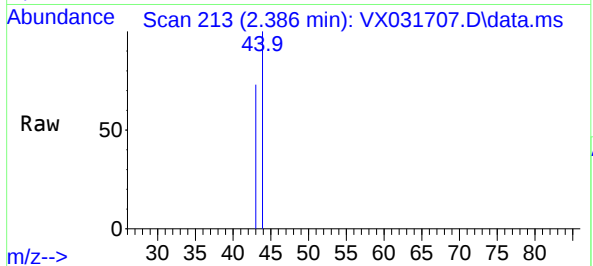




#16
Acetone
Concen: Below Cal
RT: 2.386 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX031707.D
Acq: 27 Sep 2022 17:20

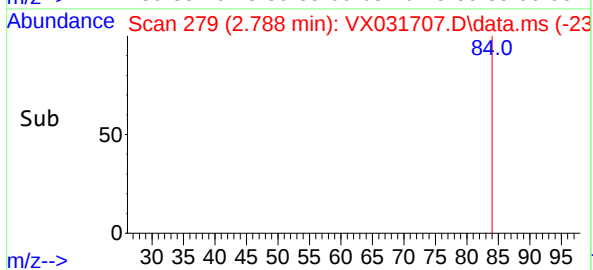
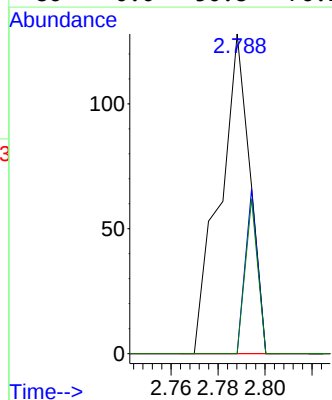
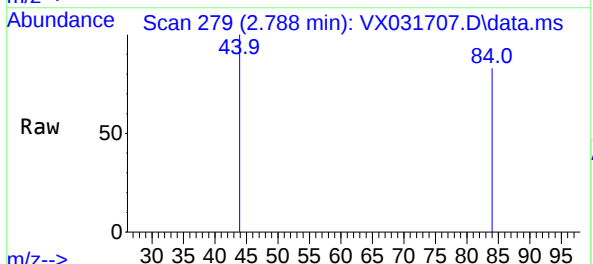
Instrument :
MSVOA_X
ClientSampleId :
529317-4

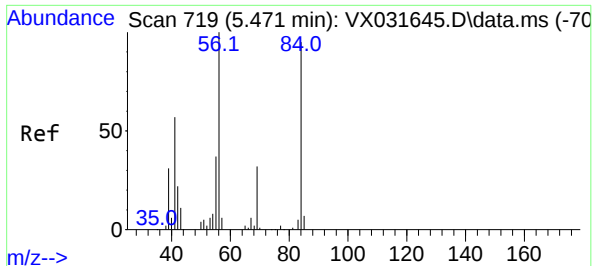
Tgt Ion: 43 Resp: 282
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX031707.D
Acq: 27 Sep 2022 17:20

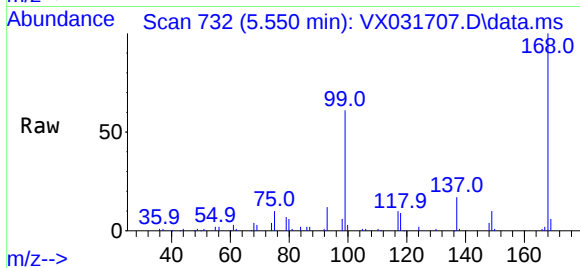
Tgt Ion: 84 Resp: 113
Ion Ratio Lower Upper
84 100
49 0.0 105.9 158.9#
51 0.0 32.2 48.2#
86 0.0 50.8 76.2#



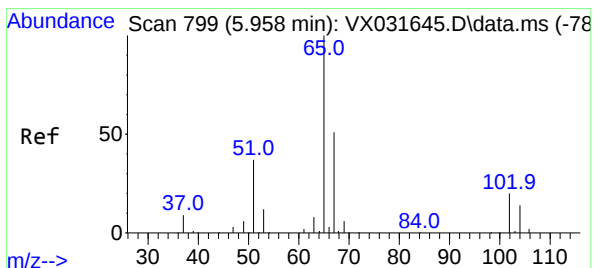
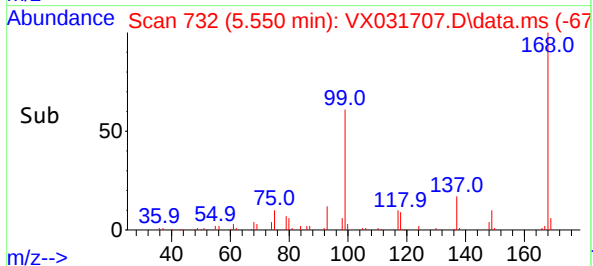
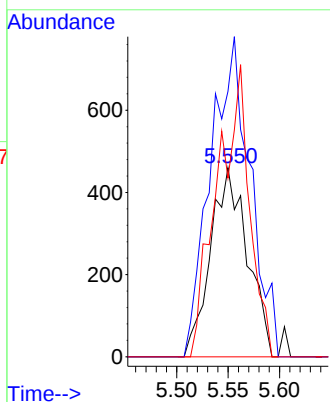


#31
Cyclohexane
Concen: 1.002 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX031707.D
Acq: 27 Sep 2022 17:20

Instrument :
MSVOA_X
ClientSampleId :
529317-4

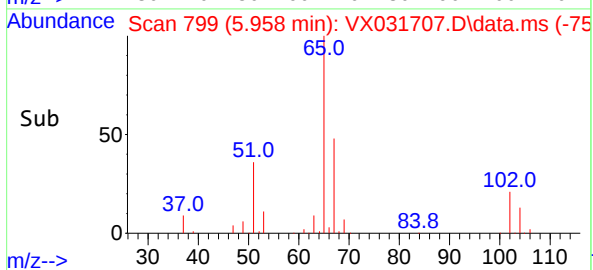
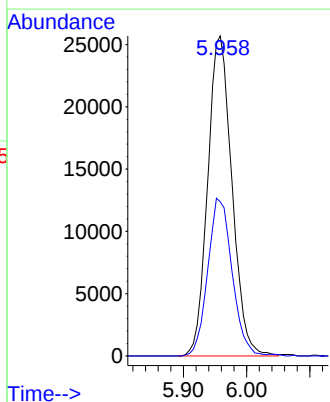
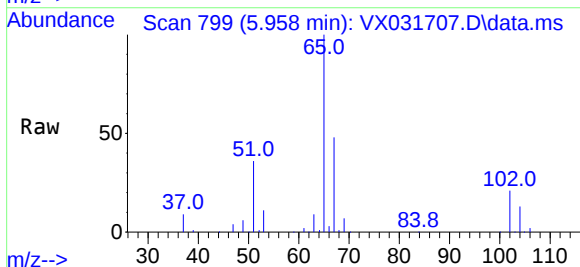


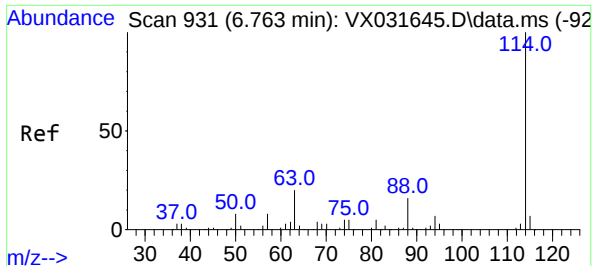
Tgt Ion: 56 Resp: 1150
Ion Ratio Lower Upper
56 100
69 140.4 25.1 37.7#
84 94.6 70.2 105.4



#33
1,2-Dichloroethane-d4
Concen: 56.597 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031707.D
Acq: 27 Sep 2022 17:20

Tgt Ion: 65 Resp: 68340
Ion Ratio Lower Upper
65 100
67 49.4 0.0 102.4

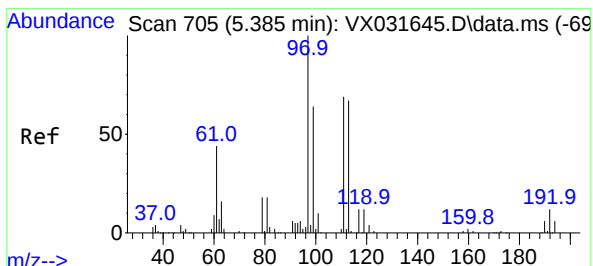
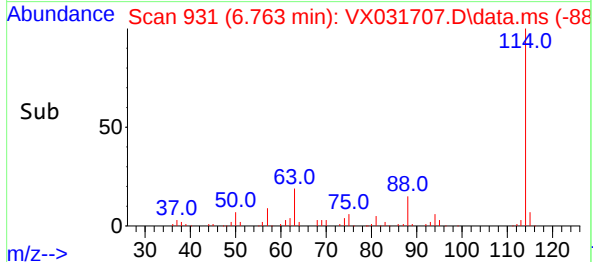
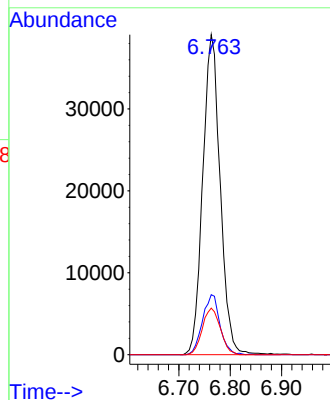
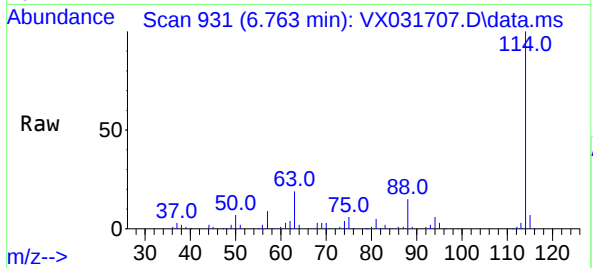




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX031707.D
Acq: 27 Sep 2022 17:20

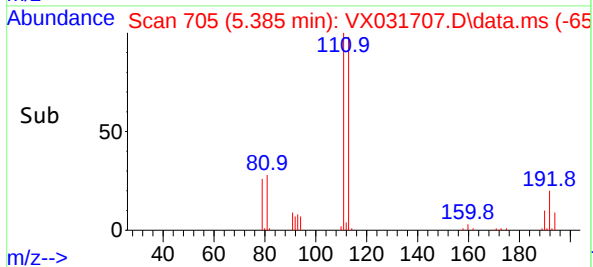
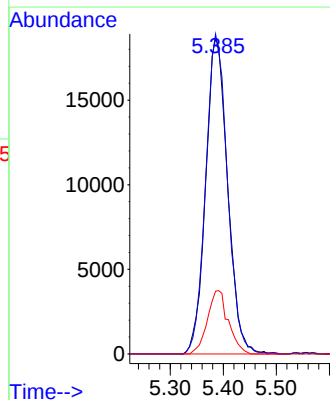
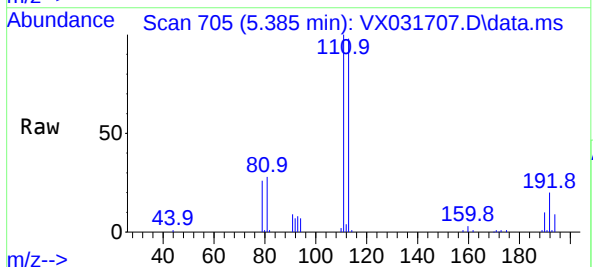
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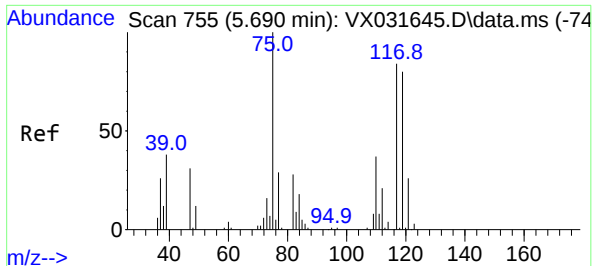
Tgt Ion:114 Resp: 91922
Ion Ratio Lower Upper
114 100
63 18.8 0.0 42.6
88 14.5 0.0 33.0



#35
Dibromofluoromethane
Concen: 48.925 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX031707.D
Acq: 27 Sep 2022 17:20

Tgt Ion:113 Resp: 53586
Ion Ratio Lower Upper
113 100
111 100.9 82.4 123.6
192 19.1 14.1 21.1

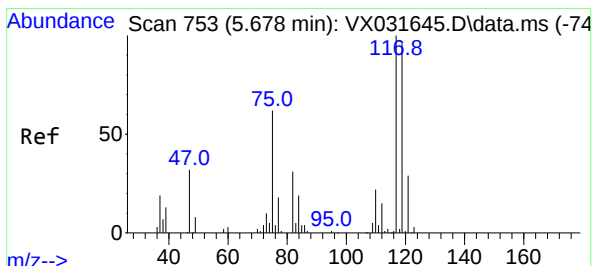
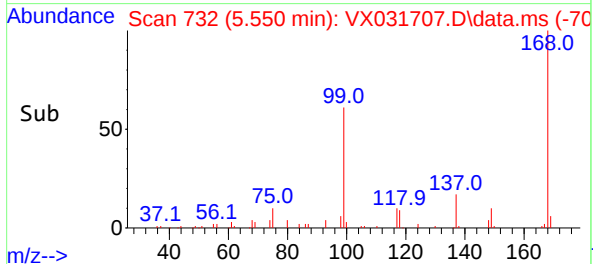
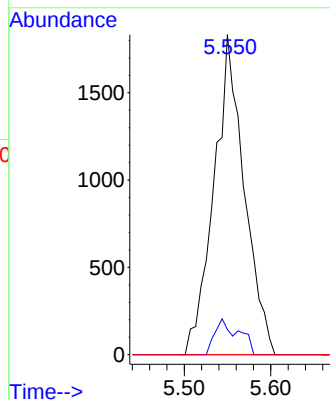
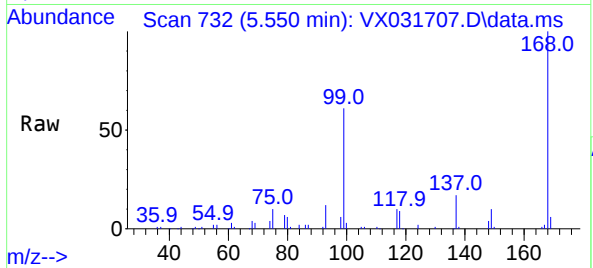




#36
1,1-Dichloropropene
Concen: 3.546 ug/l
RT: 5.550 min Scan# 710
Delta R.T. -0.140 min
Lab File: VX031707.D
Acq: 27 Sep 2022 17:20

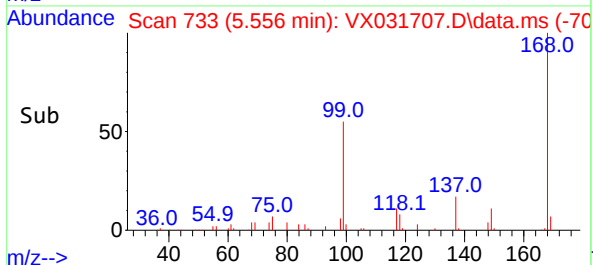
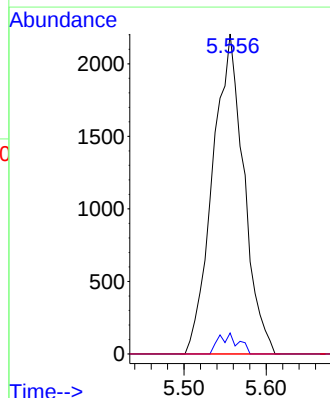
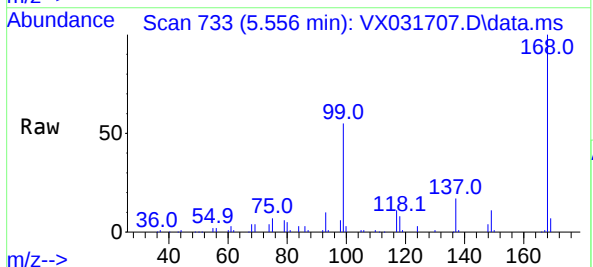
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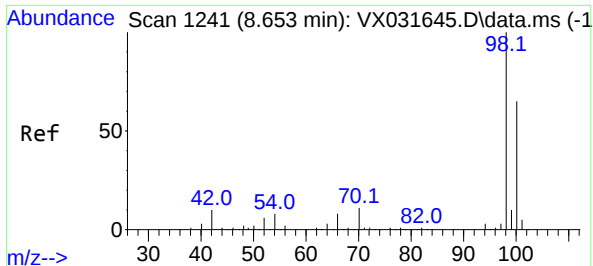
Tgt Ion: 75 Resp: 4460
Ion Ratio Lower Upper
75 100
110 5.7 17.5 52.5#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 4.106 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX031707.D
Acq: 27 Sep 2022 17:20

Tgt Ion: 117 Resp: 5820
Ion Ratio Lower Upper
117 100
119 6.6 74.6 112.0#
121 0.0 25.3 37.9#





#50

Toluene-d8

Concen: 49.293 ug/l

RT: 8.653 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX031707.D

Acq: 27 Sep 2022 17:20

Instrument :

MSVOA_X

ClientSampleId :

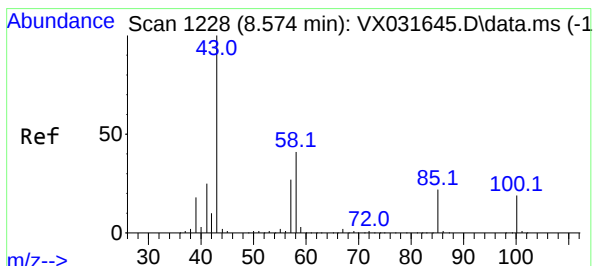
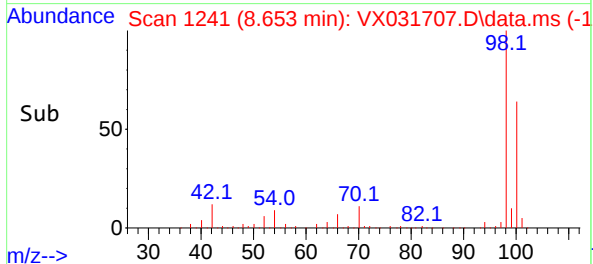
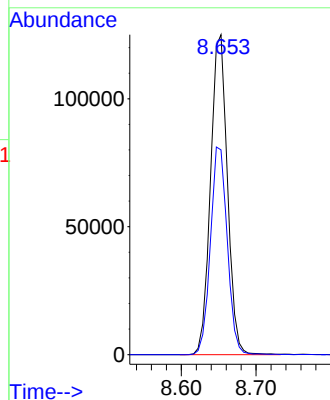
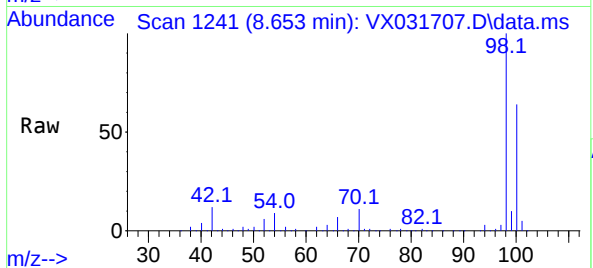
529317-4

Tgt Ion: 98 Resp: 195734

Ion Ratio Lower Upper

98 100

100 64.9 52.5 78.7



#51

4-Methyl-2-Pentanone

Concen: 0.721 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.067 min

Lab File: VX031707.D

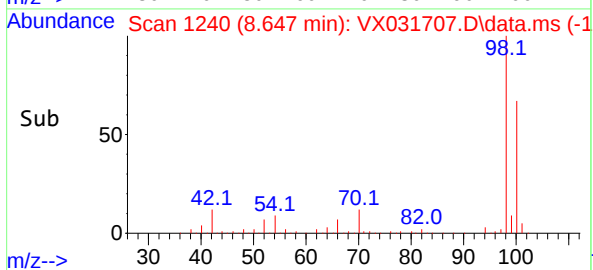
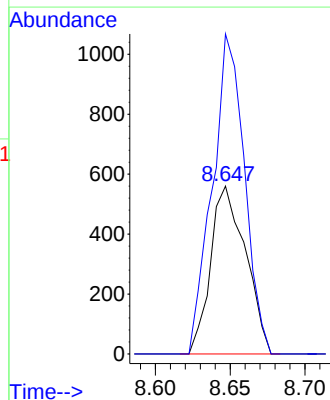
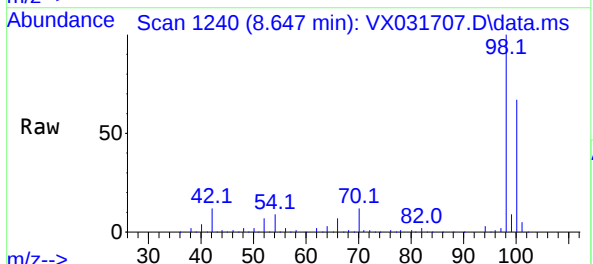
Acq: 27 Sep 2022 17:20

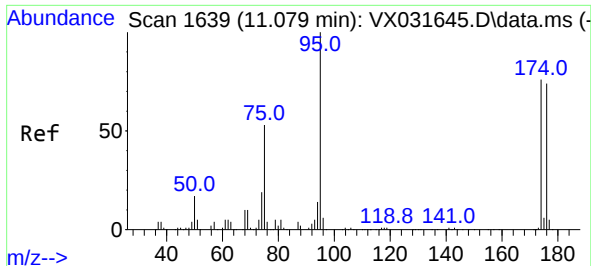
Tgt Ion: 43 Resp: 911

Ion Ratio Lower Upper

43 100

58 175.2 30.6 46.0#

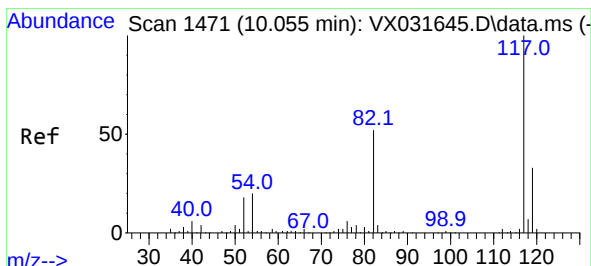
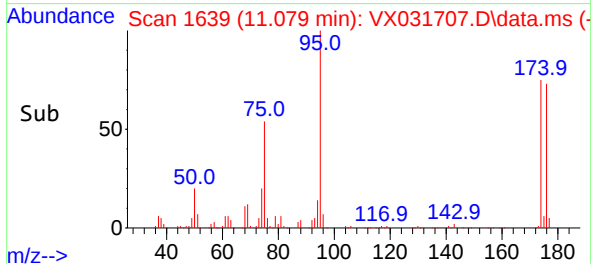
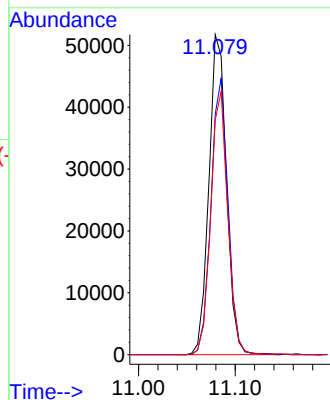
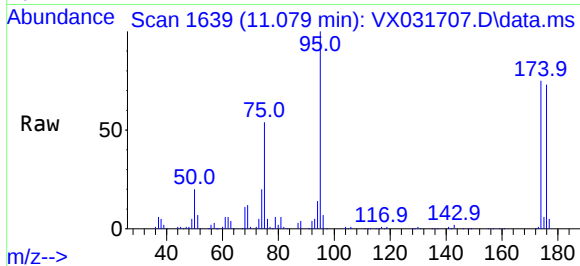




#62
4-Bromofluorobenzene
Concen: 44.943 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031707.D
Acq: 27 Sep 2022 17:20

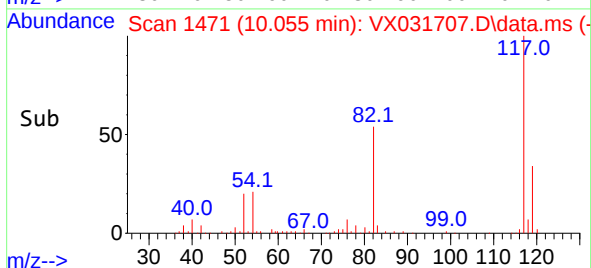
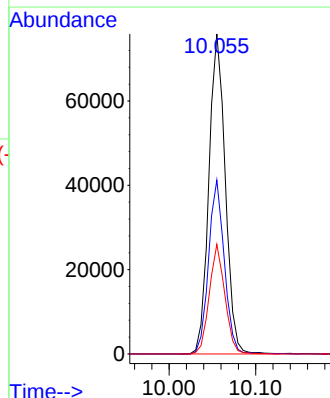
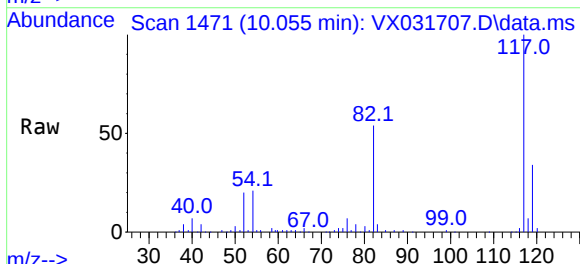
Instrument :
MSVOA_X
ClientSampleId :
529317-4

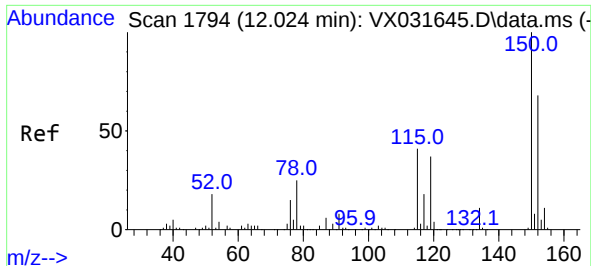
Tgt Ion: 95 Resp: 65409
Ion Ratio Lower Upper
95 100
174 83.7 0.0 153.2
176 79.5 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031707.D
Acq: 27 Sep 2022 17:20

Tgt Ion: 117 Resp: 99750
Ion Ratio Lower Upper
117 100
82 54.4 46.8 70.2
119 34.3 26.4 39.6

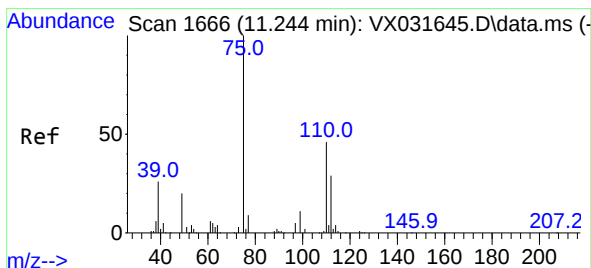
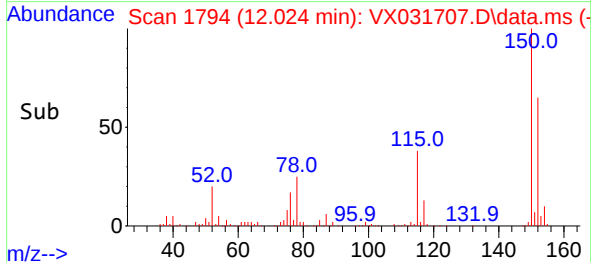
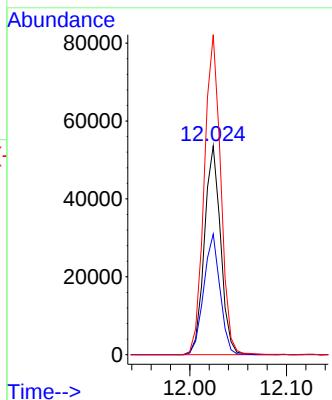
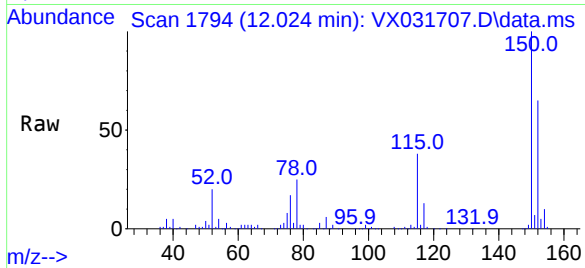




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031707.D
Acq: 27 Sep 2022 17:20

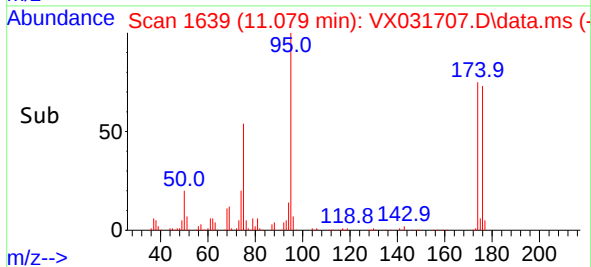
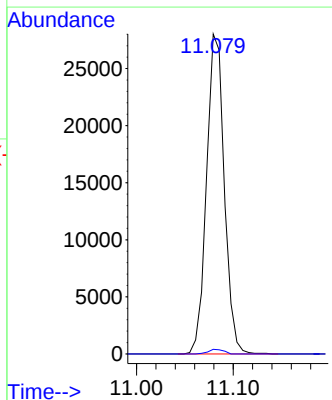
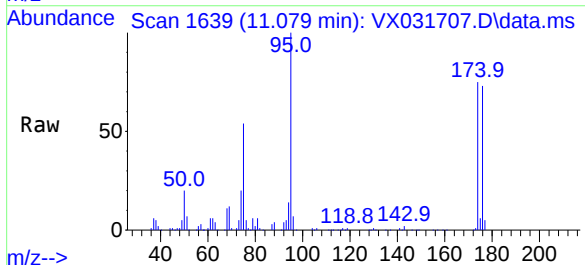
Instrument :
MSVOA_X
ClientSampleId :
529317-4

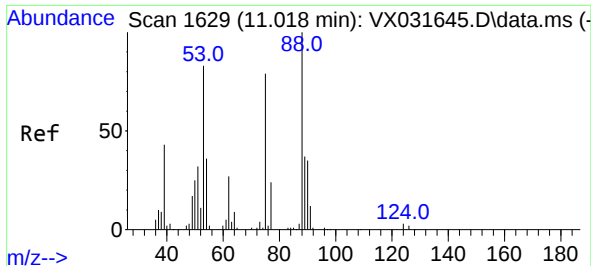
Tgt Ion:152 Resp: 62643
Ion Ratio Lower Upper
152 100
115 58.0 43.4 130.1
150 155.7 0.0 346.8



#76
1,2,3-Trichloropropane
Concen: 31.525 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX031707.D
Acq: 27 Sep 2022 17:20

Tgt Ion: 75 Resp: 35801
Ion Ratio Lower Upper
75 100
77 1.3 20.3 60.9#





#81
trans-1,4-Dichloro-2-butene
Concen: 103.753 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX031707.D
Acq: 27 Sep 2022 17:20

Instrument :
MSVOA_X
ClientSampleId :
529317-4

Tgt Ion: 75 Resp: 35801
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#

