

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN093022\
 Data File : VN074706.D
 Acq On : 01 Oct 2022 10:28
 Operator : JC\MD
 Sample : sample
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Quant Time: Oct 03 02:14:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092922W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 30 07:44:59 2022
 Response via : Initial Calibration

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

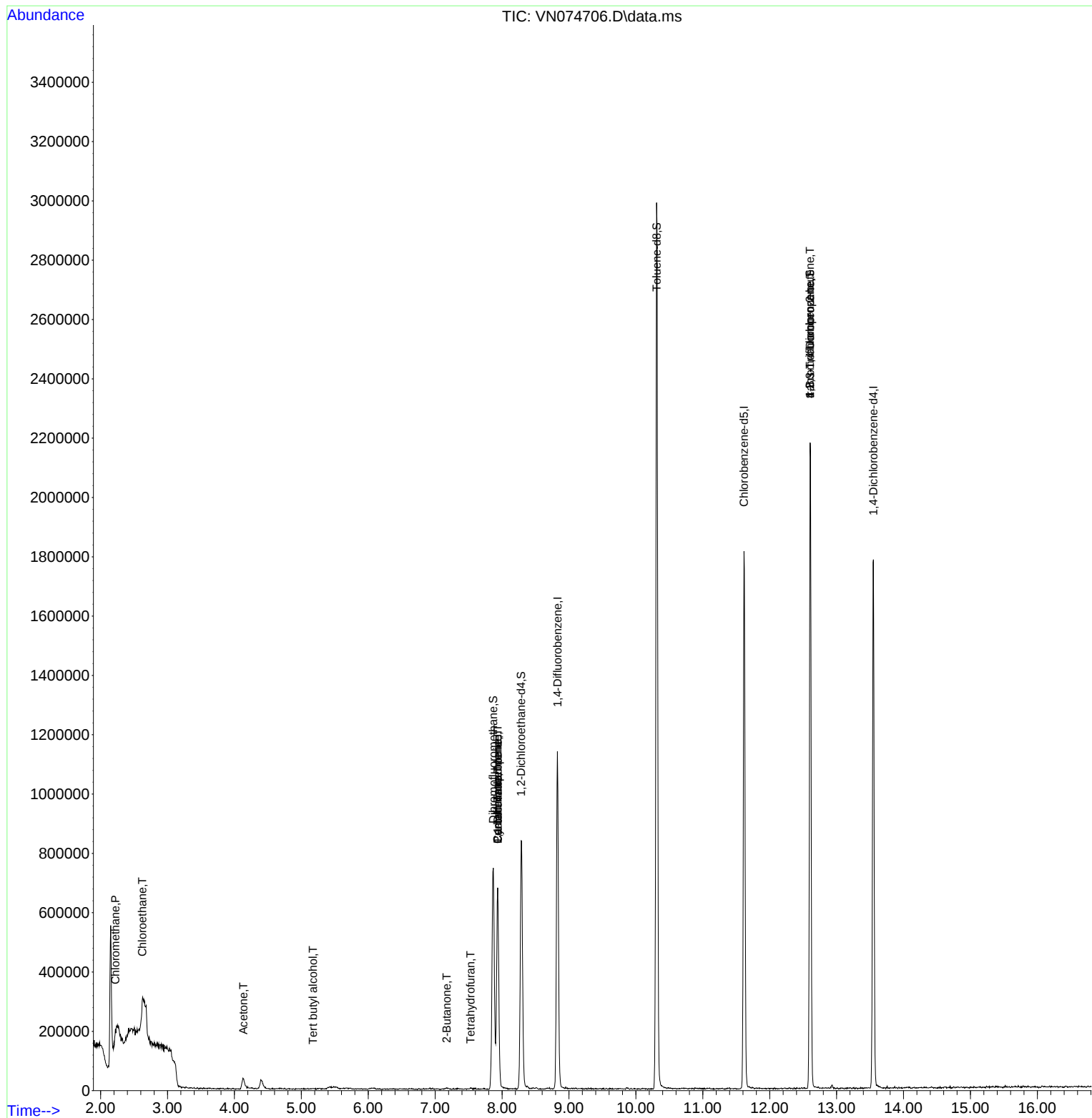
Internal Standards						
1) Pentafluorobenzene	7.933	168	494957	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.828	114	939716	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.616	117	942808	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.551	152	426997	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.286	65	641684	51.729	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.460%	
35) Dibromofluoromethane	7.869	113	526189	52.902	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.800%	
50) Toluene-d8	10.310	98	1988767	47.535	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 95.080%	
62) 4-Bromofluorobenzene	12.604	95	632979	47.713	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 95.420%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.222	50	6073	0.401	ug/l	89
6) Chloroethane	2.622	64	39018	2.307	ug/l #	57
8) Diethyl Ether	3.693	74	63	Below Cal	#	1
11) Tert butyl alcohol	5.175	59	988	0.298	ug/l #	72
13) Acrolein	3.893	56	349	Below Cal	#	16
16) Acetone	4.134	43	60009	4.373	ug/l #	88
20) Methylene Chloride	4.881	84	403	Below Cal	#	10
25) 2-Butanone	7.175	43	4074	0.357	ug/l #	45
29) Tetrahydrofuran	7.528	42	2609	0.346	ug/l #	38
31) Cyclohexane	7.933	56	15126	0.751	ug/l #	40
36) 1,1-Dichloropropene	7.933	75	45350	2.847	ug/l #	51
38) Carbon Tetrachloride	7.933	117	50205	3.440	ug/l #	18
74) N-amyl acetate	12.286	43	641	Below Cal	#	50
75) 1,1,2,2-Tetrachloroethane	12.716	83	79	Below Cal	#	25
76) 1,2,3-Trichloropropane	12.604	75	386296	40.001	ug/l #	1
77) Bromobenzene	12.604	156	92	Below Cal	#	1
81) trans-1,4-Dichloro-2-b...	12.604	75	386296	75.601	ug/l #	10
94) Hexachlorobutadiene	15.104	225	98	Below Cal	#	18

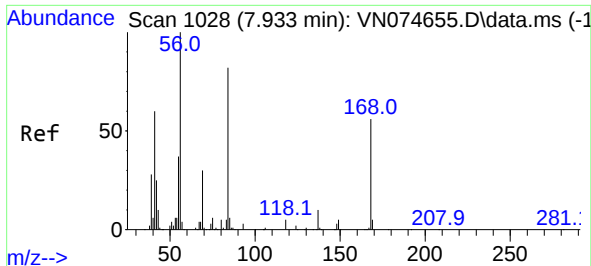
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN093022\
Data File : VN074706.D
Acq On : 01 Oct 2022 10:28
Operator : JC\MD
Sample : sample
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 51 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Quant Time: Oct 03 02:14:02 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092922W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 30 07:44:59 2022
Response via : Initial Calibration

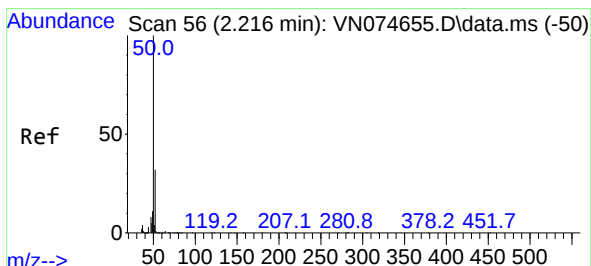
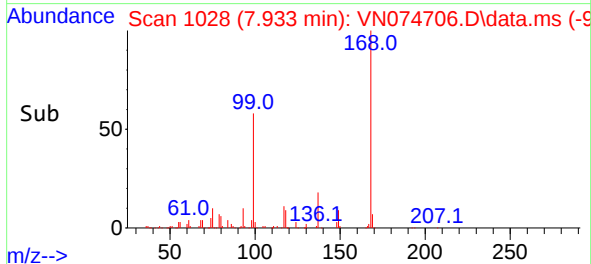
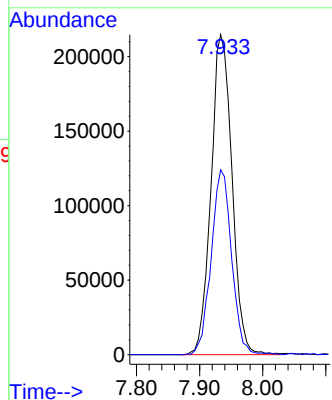
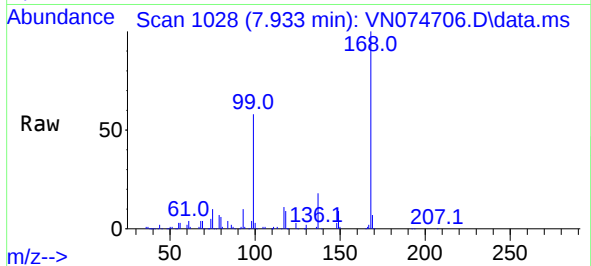




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.933 min Scan# 10
Delta R.T. 0.000 min
Lab File: VN074706.D
Acq: 01 Oct 2022 10:28

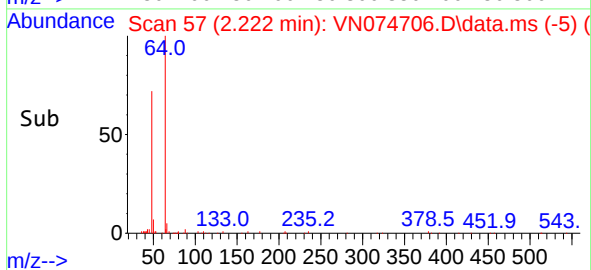
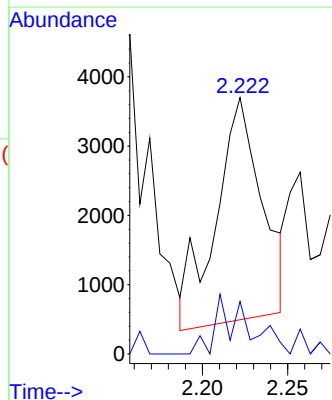
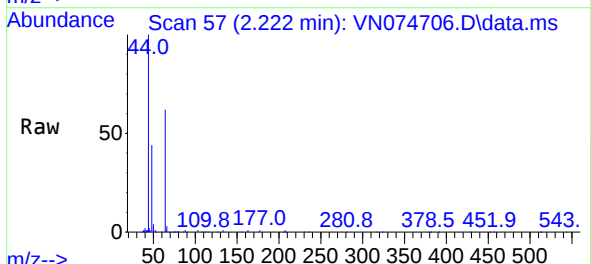
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

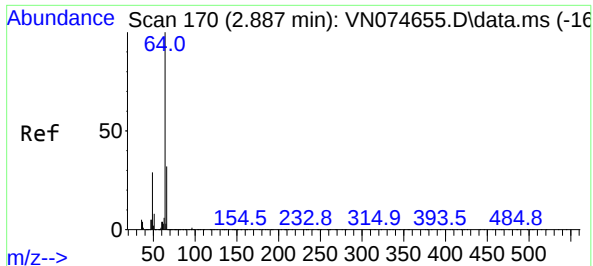
Tgt Ion:168 Resp: 494957
Ion Ratio Lower Upper
168 100
99 57.7 42.3 63.5



#3
Chloromethane
Concen: 0.401 ug/l
RT: 2.222 min Scan# 57
Delta R.T. 0.006 min
Lab File: VN074706.D
Acq: 01 Oct 2022 10:28

Tgt Ion: 50 Resp: 6073
Ion Ratio Lower Upper
50 100
52 26.2 25.7 38.5

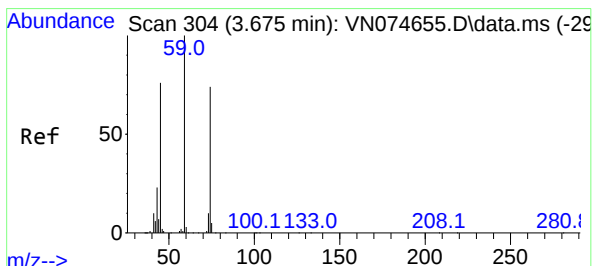
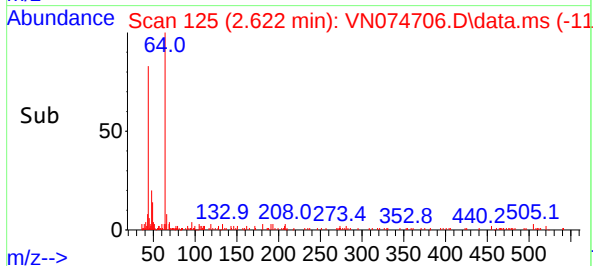
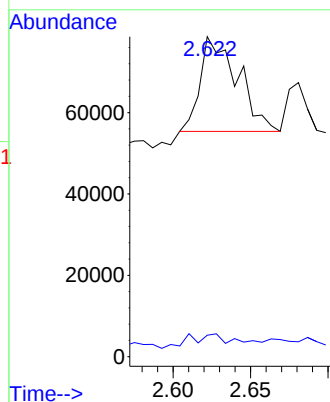
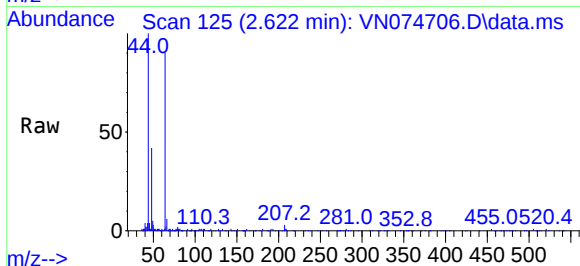




#6
Chloroethane
Concen: 2.307 ug/l
RT: 2.622 min Scan# 11
Delta R.T. -0.265 min
Lab File: VN074706.D
Acq: 01 Oct 2022 10:28

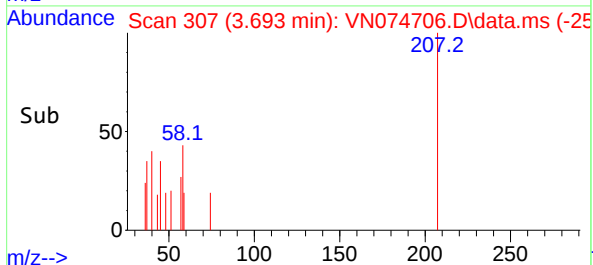
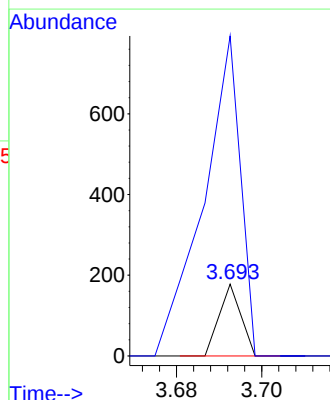
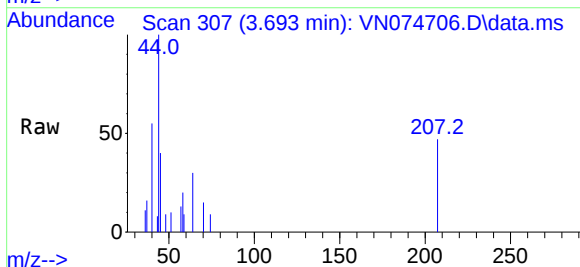
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

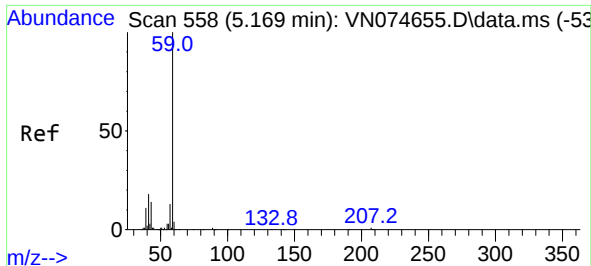
Tgt Ion: 64 Resp: 39018
Ion Ratio Lower Upper
64 100
66 8.4 26.2 39.4#



#8
Diethyl Ether
Concen: Below Cal
RT: 3.693 min Scan# 307
Delta R.T. 0.018 min
Lab File: VN074706.D
Acq: 01 Oct 2022 10:28

Tgt Ion: 74 Resp: 63
Ion Ratio Lower Upper
74 100
45 760.3 42.9 128.5#

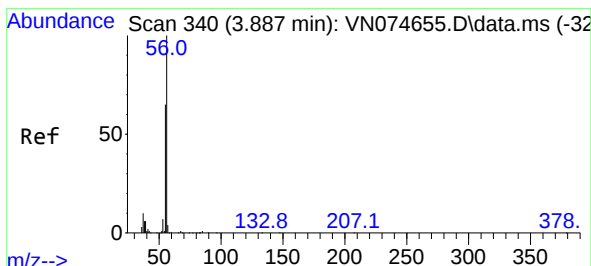
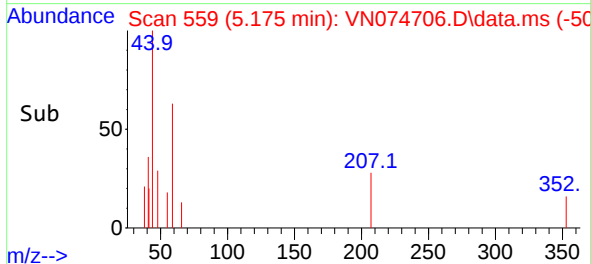
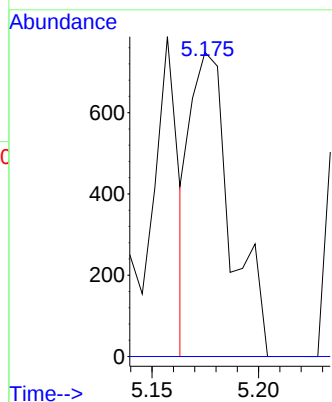
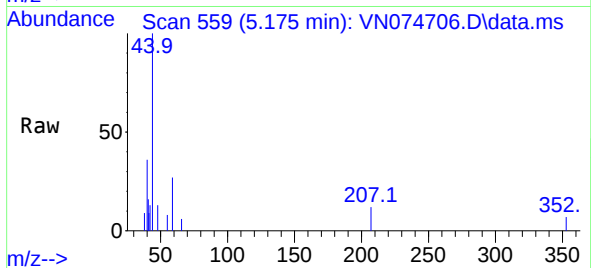




#11
Tert butyl alcohol
Concen: 0.298 ug/l
RT: 5.175 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN074706.D
Acq: 01 Oct 2022 10:28

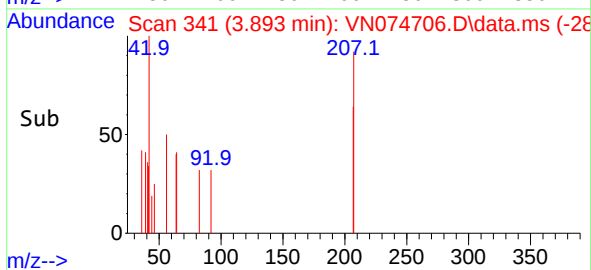
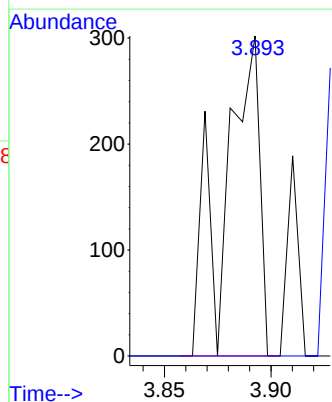
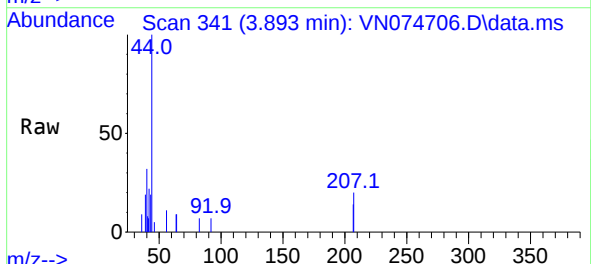
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

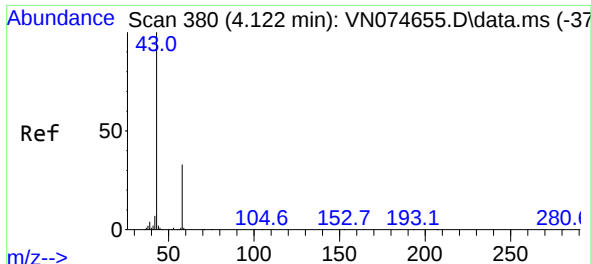
Tgt Ion: 59 Resp: 988
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#13
Acrolein
Concen: Below Cal
RT: 3.893 min Scan# 341
Delta R.T. 0.006 min
Lab File: VN074706.D
Acq: 01 Oct 2022 10:28

Tgt Ion: 56 Resp: 349
Ion Ratio Lower Upper
56 100
55 0.0 54.8 82.2#

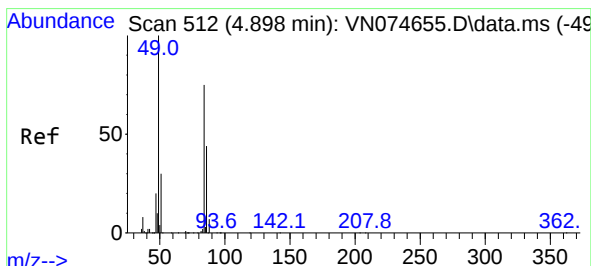
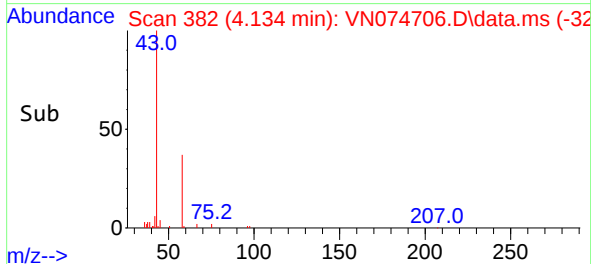
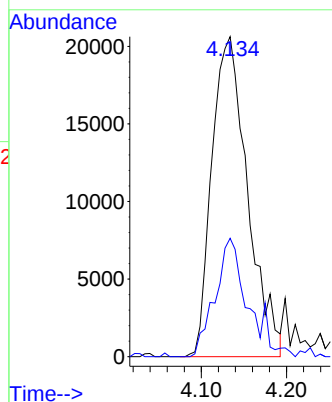
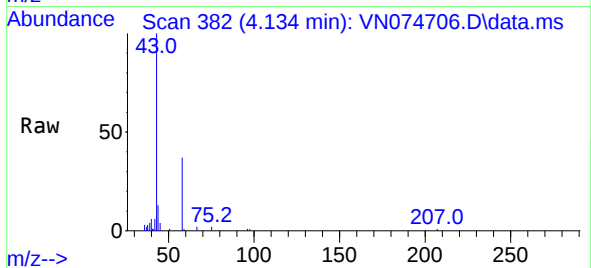




#16
Acetone
Concen: 4.373 ug/l
RT: 4.134 min Scan# 31
Delta R.T. 0.012 min
Lab File: VN074706.D
Acq: 01 Oct 2022 10:28

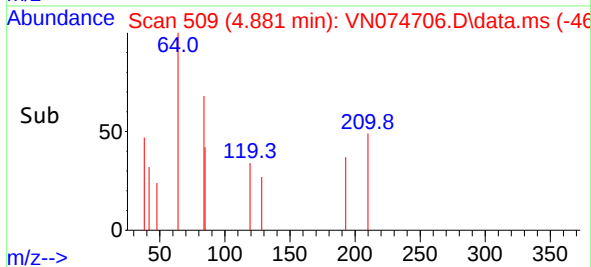
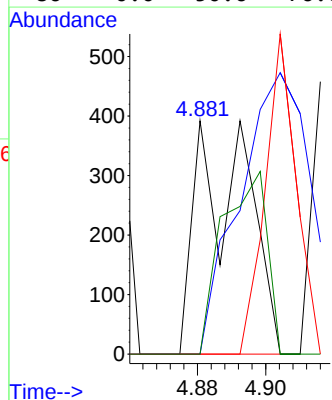
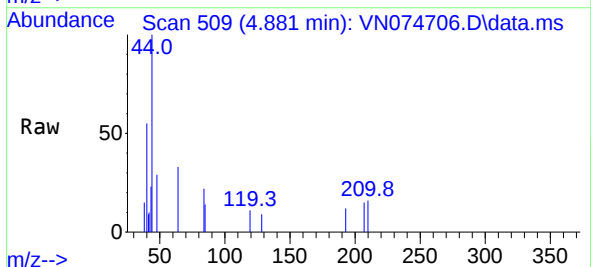
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

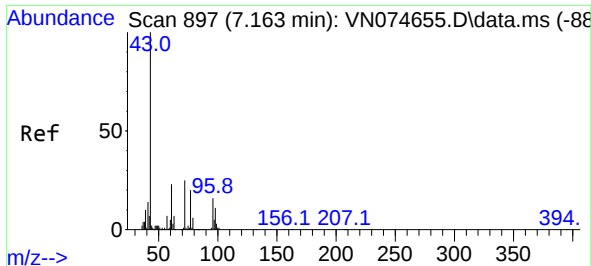
Tgt Ion: 43 Resp: 60009
Ion Ratio Lower Upper
43 100
58 39.2 26.0 39.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.881 min Scan# 509
Delta R.T. -0.017 min
Lab File: VN074706.D
Acq: 01 Oct 2022 10:28

Tgt Ion: 84 Resp: 403
Ion Ratio Lower Upper
84 100
49 0.0 88.3 132.5#
51 0.0 28.2 42.2#
86 0.0 50.6 76.0#

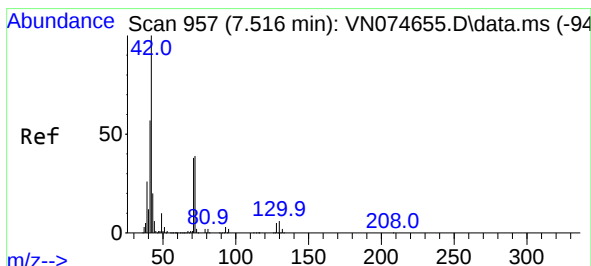
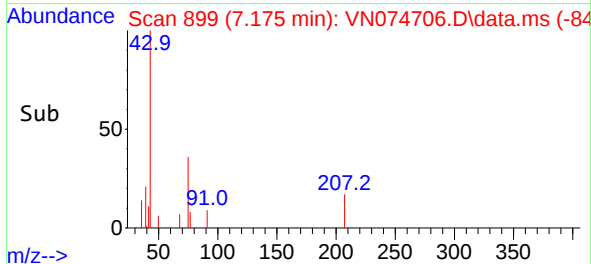
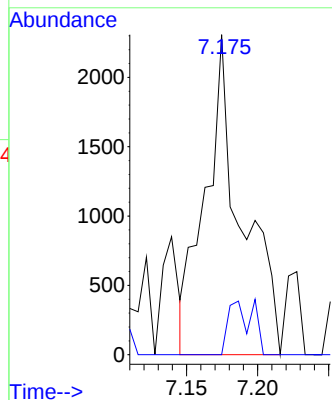
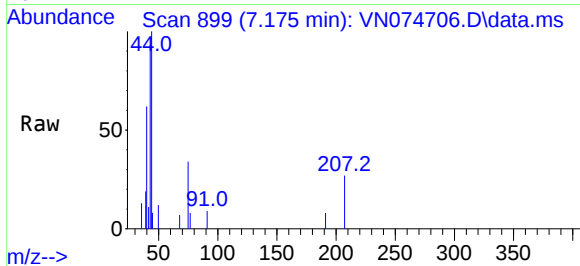




#25
2-Butanone
Concen: 0.357 ug/l
RT: 7.175 min Scan# 899
Delta R.T. 0.012 min
Lab File: VN074706.D
Acq: 01 Oct 2022 10:28

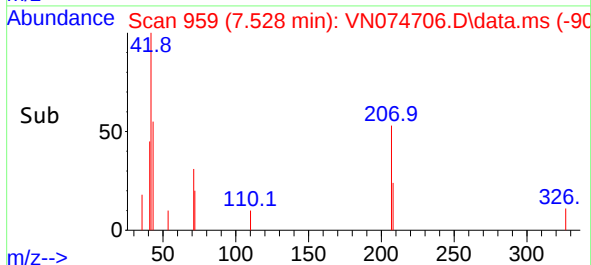
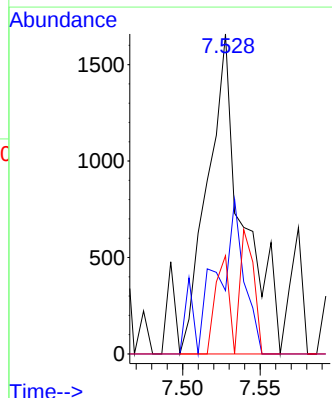
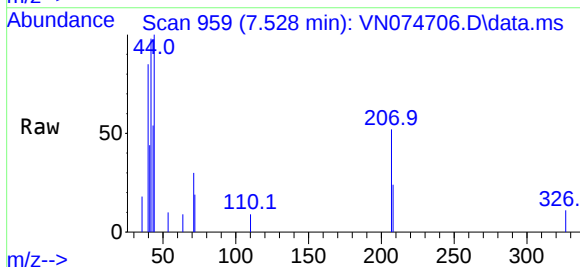
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

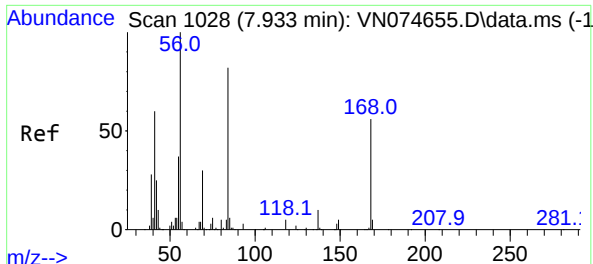
Tgt Ion: 43 Resp: 4074
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#29
Tetrahydrofuran
Concen: 0.346 ug/l
RT: 7.528 min Scan# 959
Delta R.T. 0.012 min
Lab File: VN074706.D
Acq: 01 Oct 2022 10:28

Tgt Ion: 42 Resp: 2609
Ion Ratio Lower Upper
42 100
72 0.0 39.7 59.5#
71 11.9 36.6 55.0#

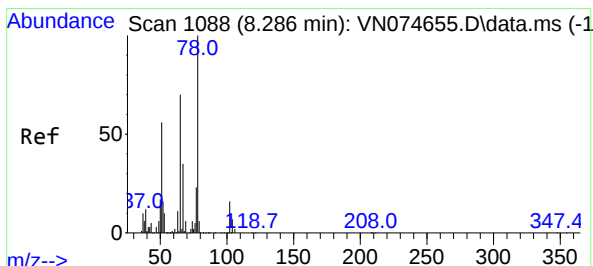
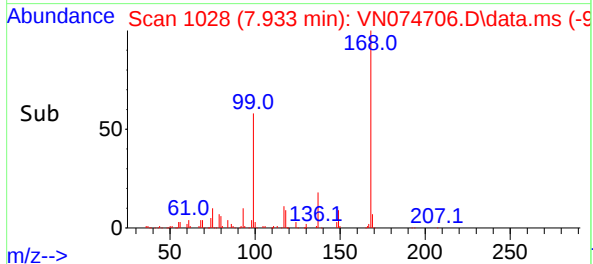
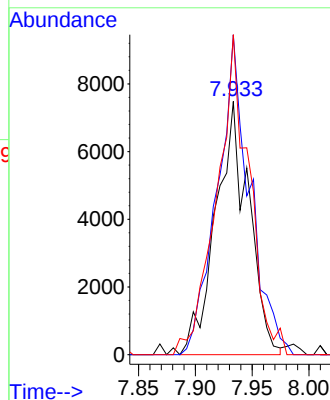
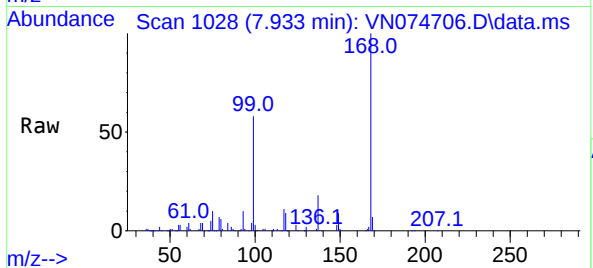




#31
Cyclohexane
Concen: 0.751 ug/l
RT: 7.933 min Scan# 1028
Delta R.T. 0.000 min
Lab File: VN074706.D
Acq: 01 Oct 2022 10:28

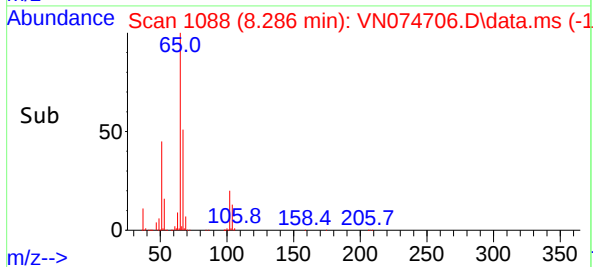
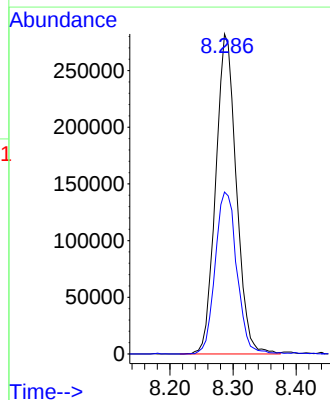
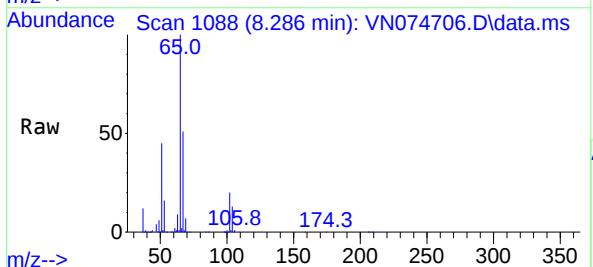
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

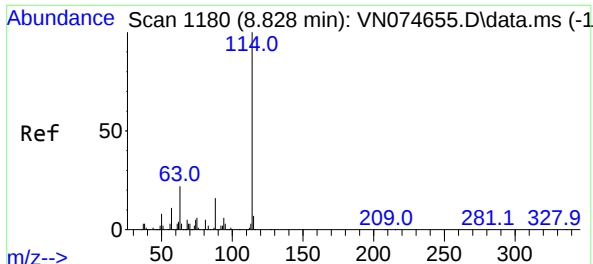
Tgt Ion: 56 Resp: 15126
Ion Ratio Lower Upper
56 100
69 126.3 27.8 41.8#
84 120.0 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 51.729 ug/l
RT: 8.286 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VN074706.D
Acq: 01 Oct 2022 10:28

Tgt Ion: 65 Resp: 641684
Ion Ratio Lower Upper
65 100
67 53.1 0.0 104.8

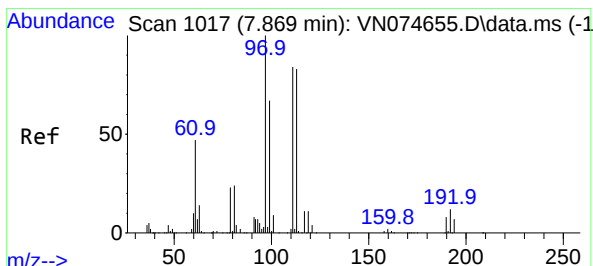
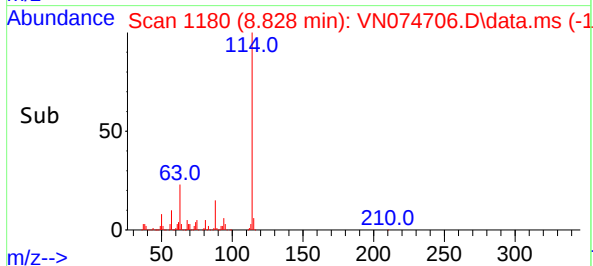
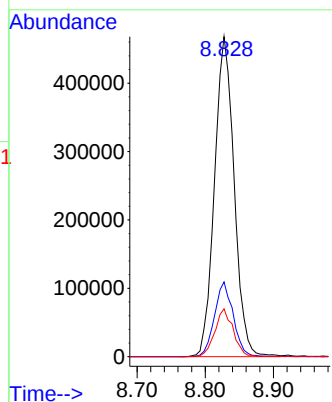
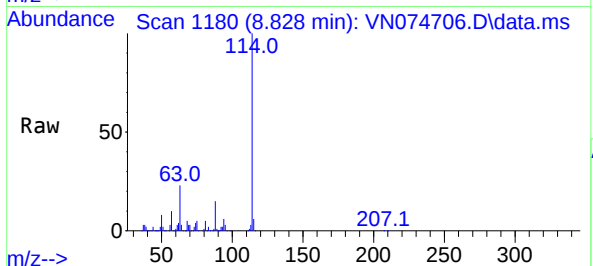




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.828 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VN074706.D
Acq: 01 Oct 2022 10:28

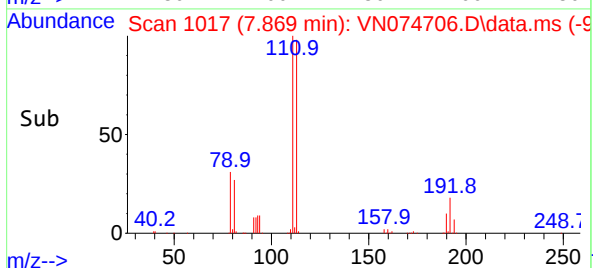
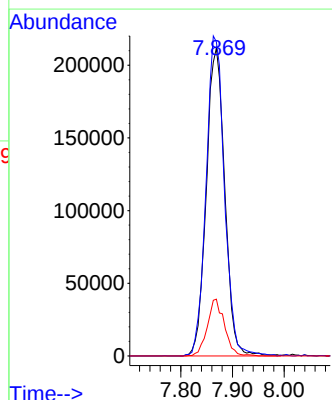
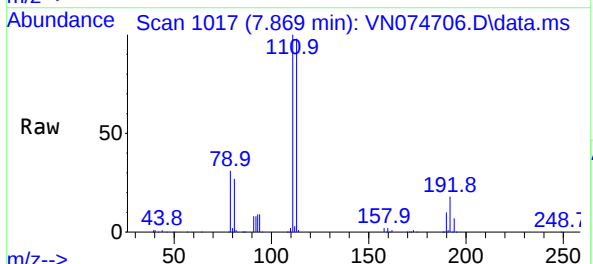
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

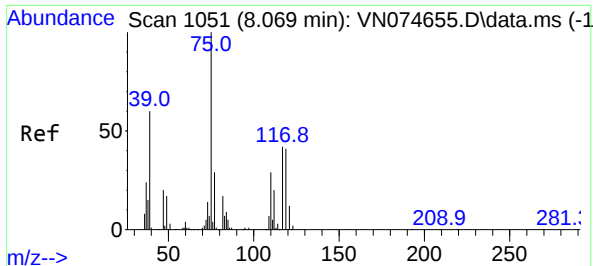
Tgt Ion:114 Resp: 939716
Ion Ratio Lower Upper
114 100
63 23.3 0.0 40.0
88 15.0 0.0 32.6



#35
Dibromofluoromethane
Concen: 52.902 ug/l
RT: 7.869 min Scan# 1017
Delta R.T. -0.000 min
Lab File: VN074706.D
Acq: 01 Oct 2022 10:28

Tgt Ion:113 Resp: 526189
Ion Ratio Lower Upper
113 100
111 103.4 81.4 122.0
192 17.2 17.0 25.6

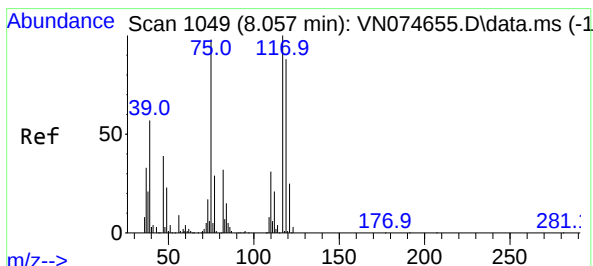
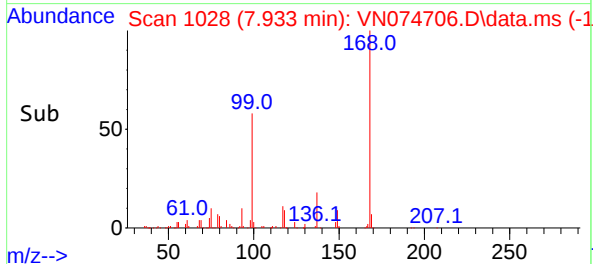
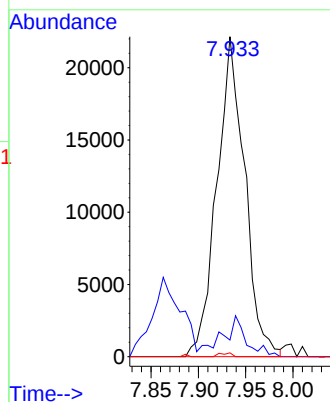
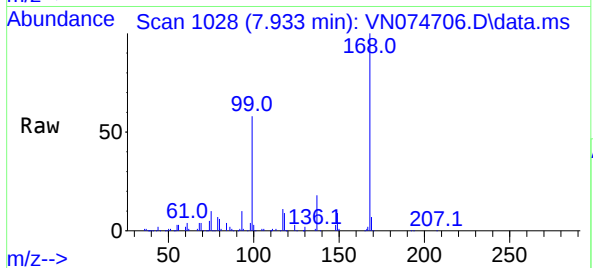




#36
1,1-Dichloropropene
Concen: 2.847 ug/l
RT: 7.933 min Scan# 1028
Delta R.T. -0.136 min
Lab File: VN074706.D
Acq: 01 Oct 2022 10:28

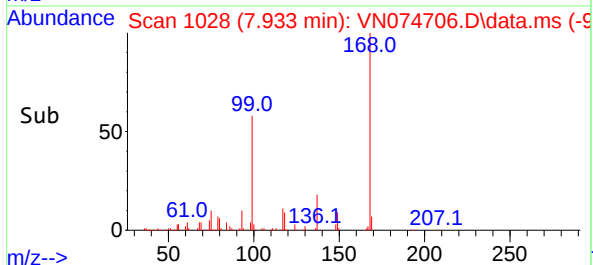
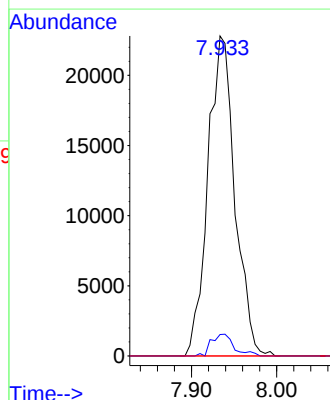
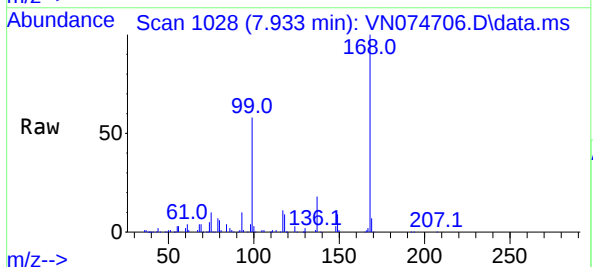
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

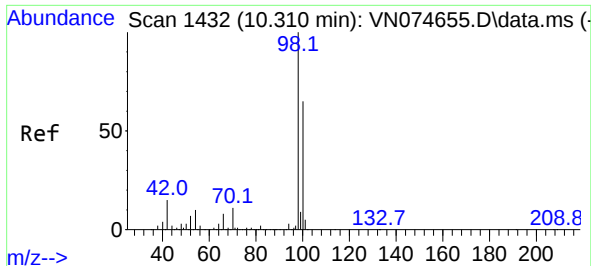
Tgt Ion: 75 Resp: 45350
Ion Ratio Lower Upper
75 100
110 10.5 18.3 54.8#
77 0.5 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 3.440 ug/l
RT: 7.933 min Scan# 1028
Delta R.T. -0.124 min
Lab File: VN074706.D
Acq: 01 Oct 2022 10:28

Tgt Ion: 117 Resp: 50205
Ion Ratio Lower Upper
117 100
119 6.7 75.8 113.8#
121 0.0 24.6 37.0#

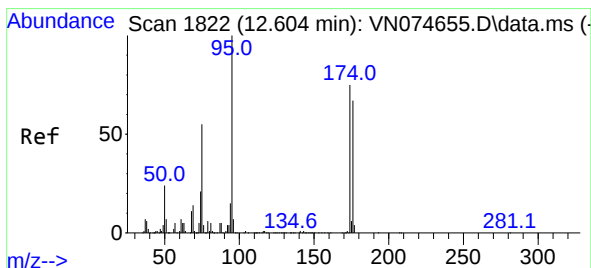
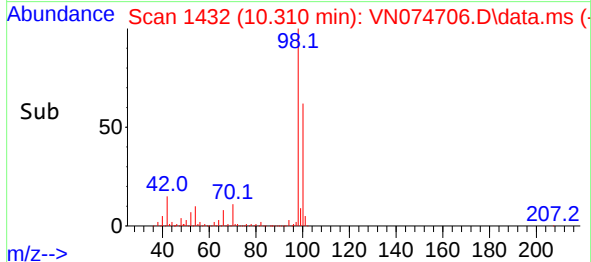
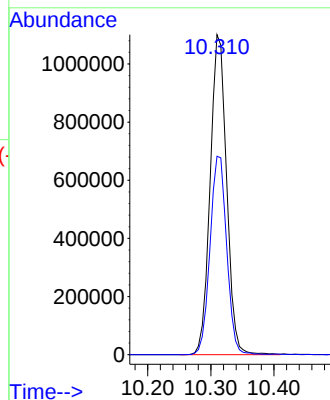
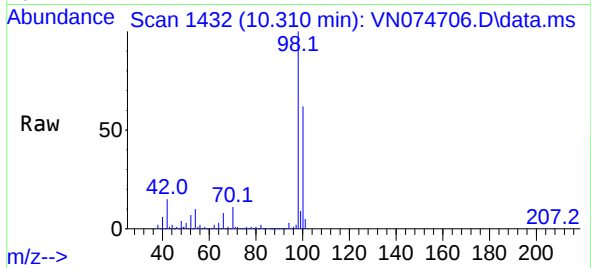




#50
Toluene-d8
Concen: 47.535 ug/l
RT: 10.310 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VN074706.D
Acq: 01 Oct 2022 10:28

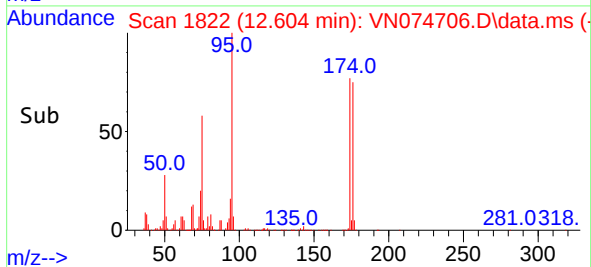
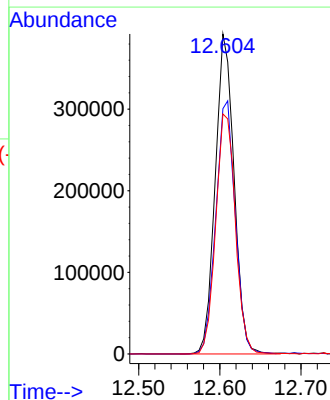
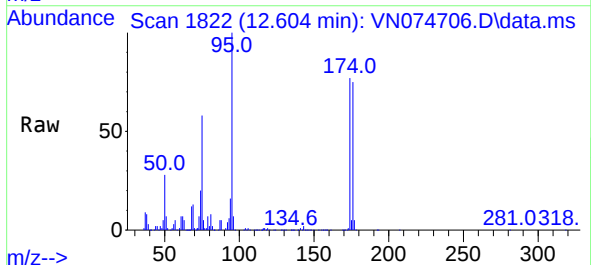
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

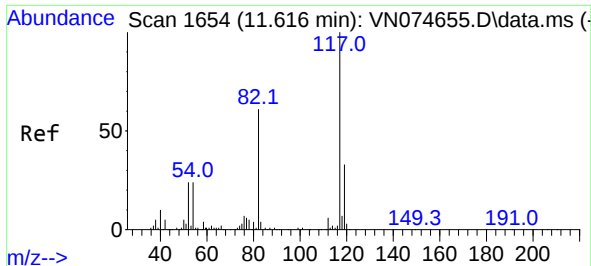
Tgt Ion: 98 Resp: 1988767
Ion Ratio Lower Upper
98 100
100 62.9 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 47.713 ug/l
RT: 12.604 min Scan# 1822
Delta R.T. -0.000 min
Lab File: VN074706.D
Acq: 01 Oct 2022 10:28

Tgt Ion: 95 Resp: 632979
Ion Ratio Lower Upper
95 100
174 81.7 0.0 167.6
176 78.3 0.0 163.4

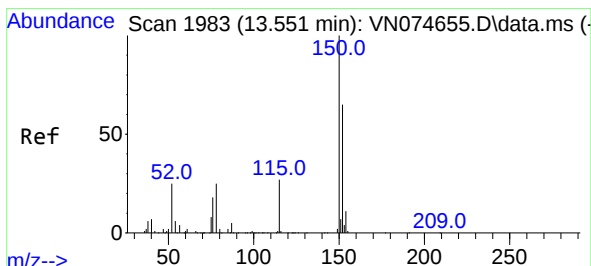
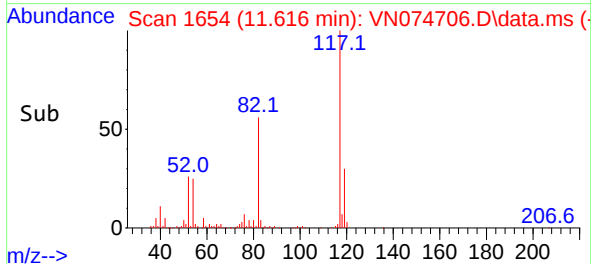
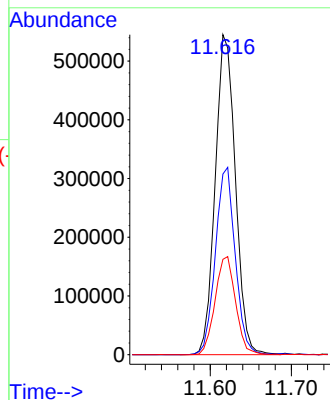
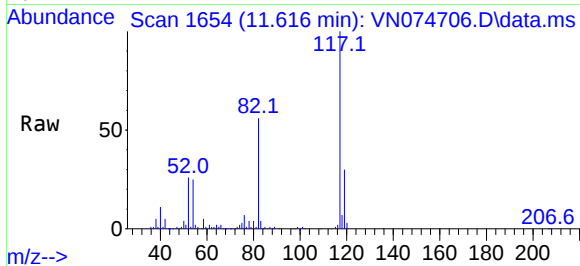




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.616 min Scan# 1654
Delta R.T. -0.000 min
Lab File: VN074706.D
Acq: 01 Oct 2022 10:28

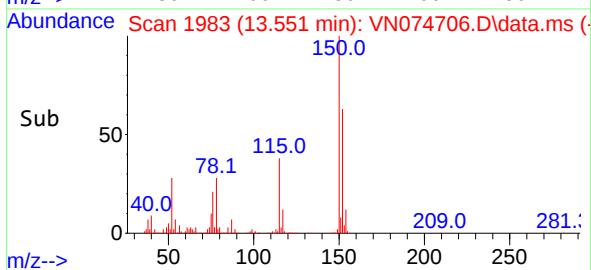
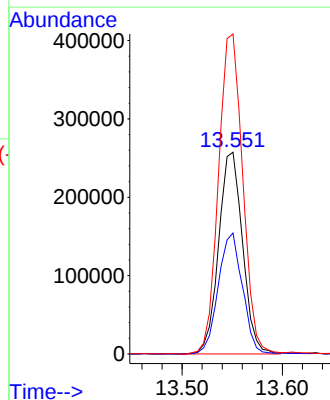
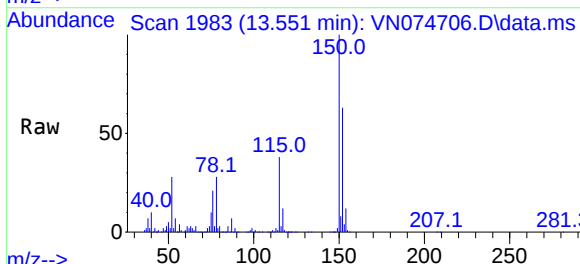
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

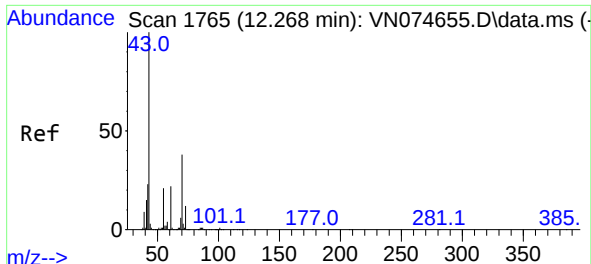
Tgt Ion:117 Resp: 942808
Ion Ratio Lower Upper
117 100
82 56.5 44.2 66.2
119 29.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.551 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VN074706.D
Acq: 01 Oct 2022 10:28

Tgt Ion:152 Resp: 426997
Ion Ratio Lower Upper
152 100
115 60.7 28.9 86.7
150 160.5 0.0 356.2

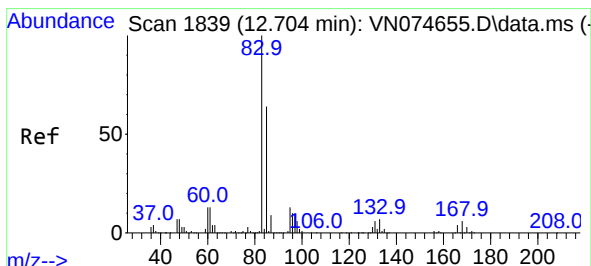
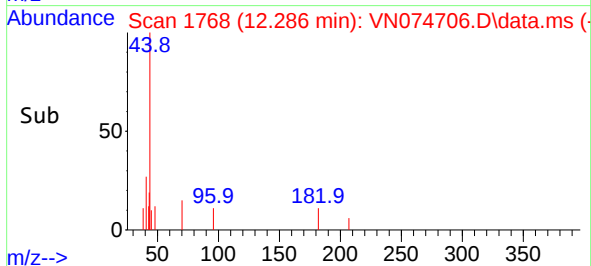
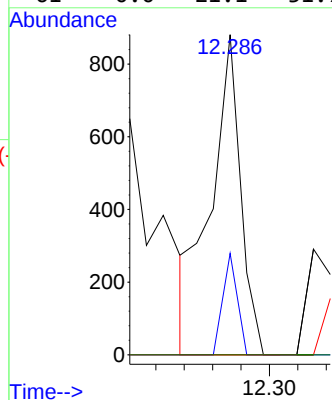
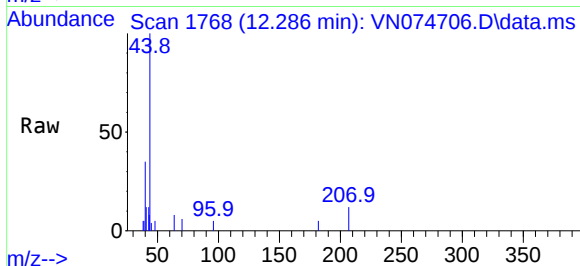




#74
N-amy1 acetate
Concen: Below Cal
RT: 12.286 min Scan# 1
Delta R.T. 0.018 min
Lab File: VN074706.D
Acq: 01 Oct 2022 10:28

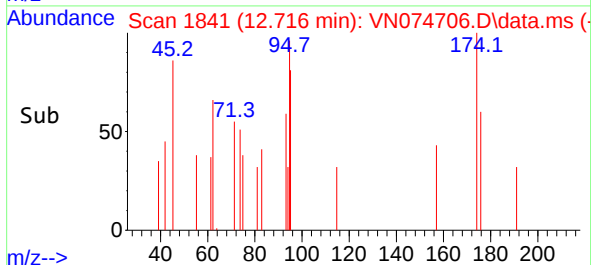
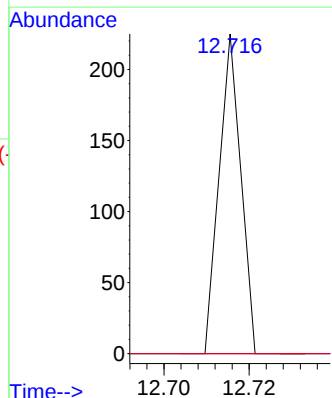
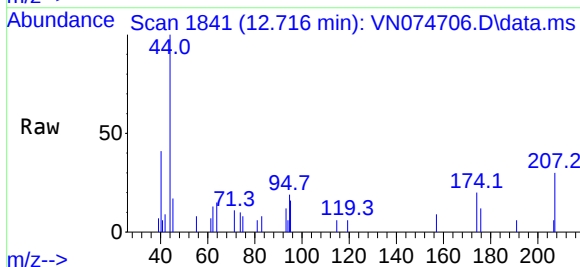
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

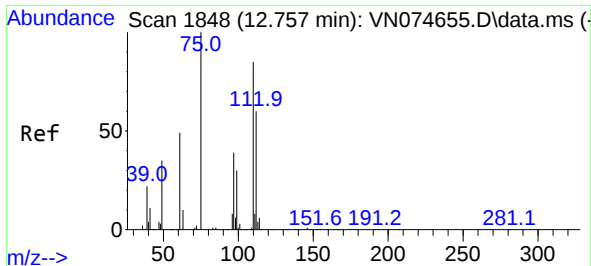
Tgt Ion:	43	Resp:	641
Ion	Ratio	Lower	Upper
43	100		
70	15.3	39.0	58.4#
55	0.0	21.1	31.7#
61	0.0	21.1	31.7#



#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.716 min Scan# 1841
Delta R.T. 0.011 min
Lab File: VN074706.D
Acq: 01 Oct 2022 10:28

Tgt Ion:	83	Resp:	79
Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.3	15.9#
85	0.0	32.3	96.9#

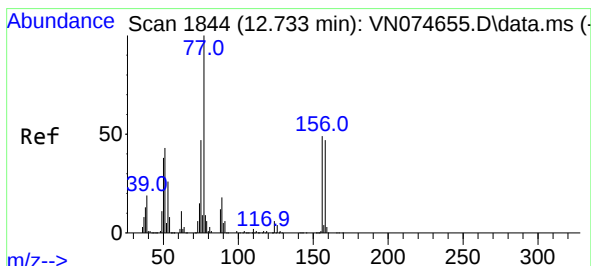
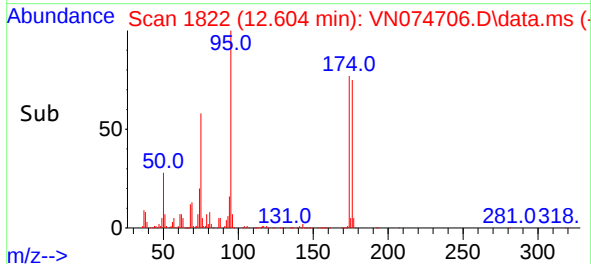
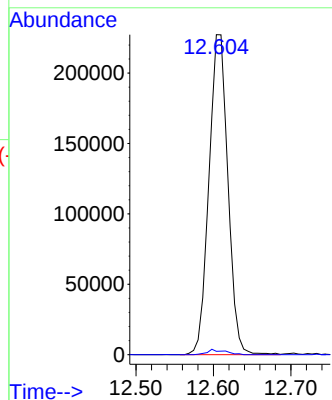
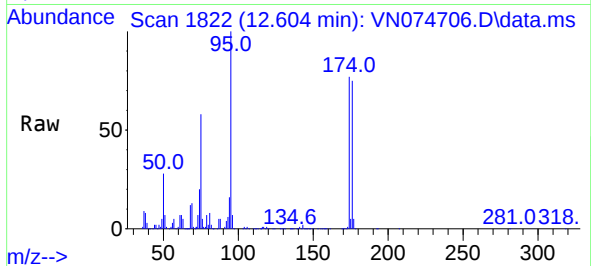




#76
1,2,3-Trichloropropane
Concen: 40.001 ug/l
RT: 12.604 min Scan# 1822
Delta R.T. -0.153 min
Lab File: VN074706.D
Acq: 01 Oct 2022 10:28

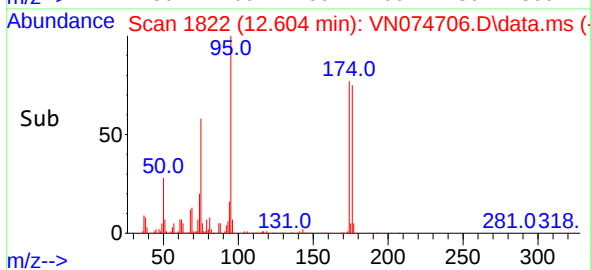
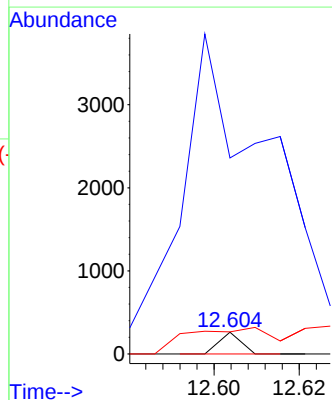
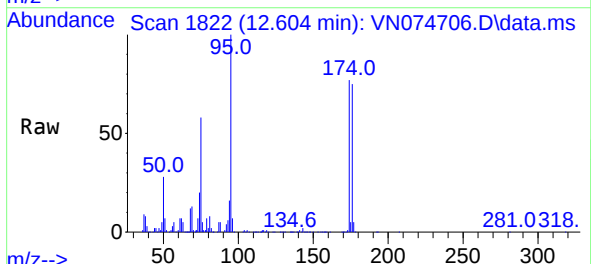
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

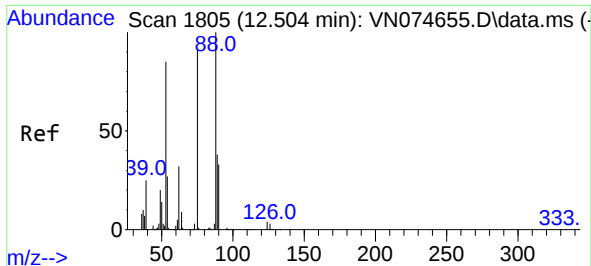
Tgt Ion: 75 Resp: 386296
Ion Ratio Lower Upper
75 100
77 1.5 98.5 295.5#



#77
Bromobenzene
Concen: Below Cal
RT: 12.604 min Scan# 1822
Delta R.T. -0.129 min
Lab File: VN074706.D
Acq: 01 Oct 2022 10:28

Tgt Ion:156 Resp: 92
Ion Ratio Lower Upper
156 100
77 6498.9 100.5 301.5#
158 482.6 48.9 146.6#

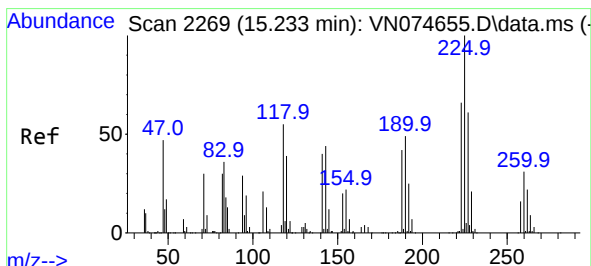
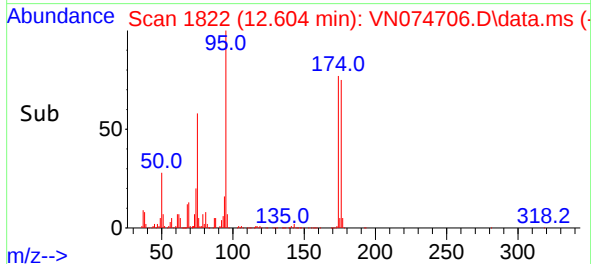
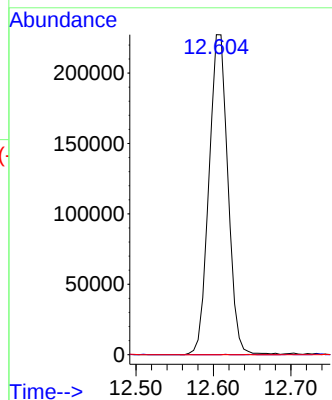
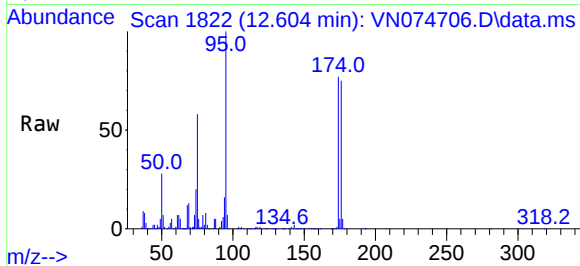




#81
trans-1,4-Dichloro-2-butene
Concen: 75.601 ug/l
RT: 12.604 min Scan# 1822
Delta R.T. 0.100 min
Lab File: VN074706.D
Acq: 01 Oct 2022 10:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 75 Resp: 386296
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



#94
Hexachlorobutadiene
Concen: Below Cal
RT: 15.104 min Scan# 2247
Delta R.T. -0.129 min
Lab File: VN074706.D
Acq: 01 Oct 2022 10:28

Tgt Ion: 225 Resp: 98
Ion Ratio Lower Upper
225 100
223 0.0 32.4 97.2#
227 0.0 31.8 95.4#

