

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042921\
 Data File : VN066872.D
 Acq On : 29 Apr 2021 19:15
 Operator : JC/MD
 Sample : M2137-09
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

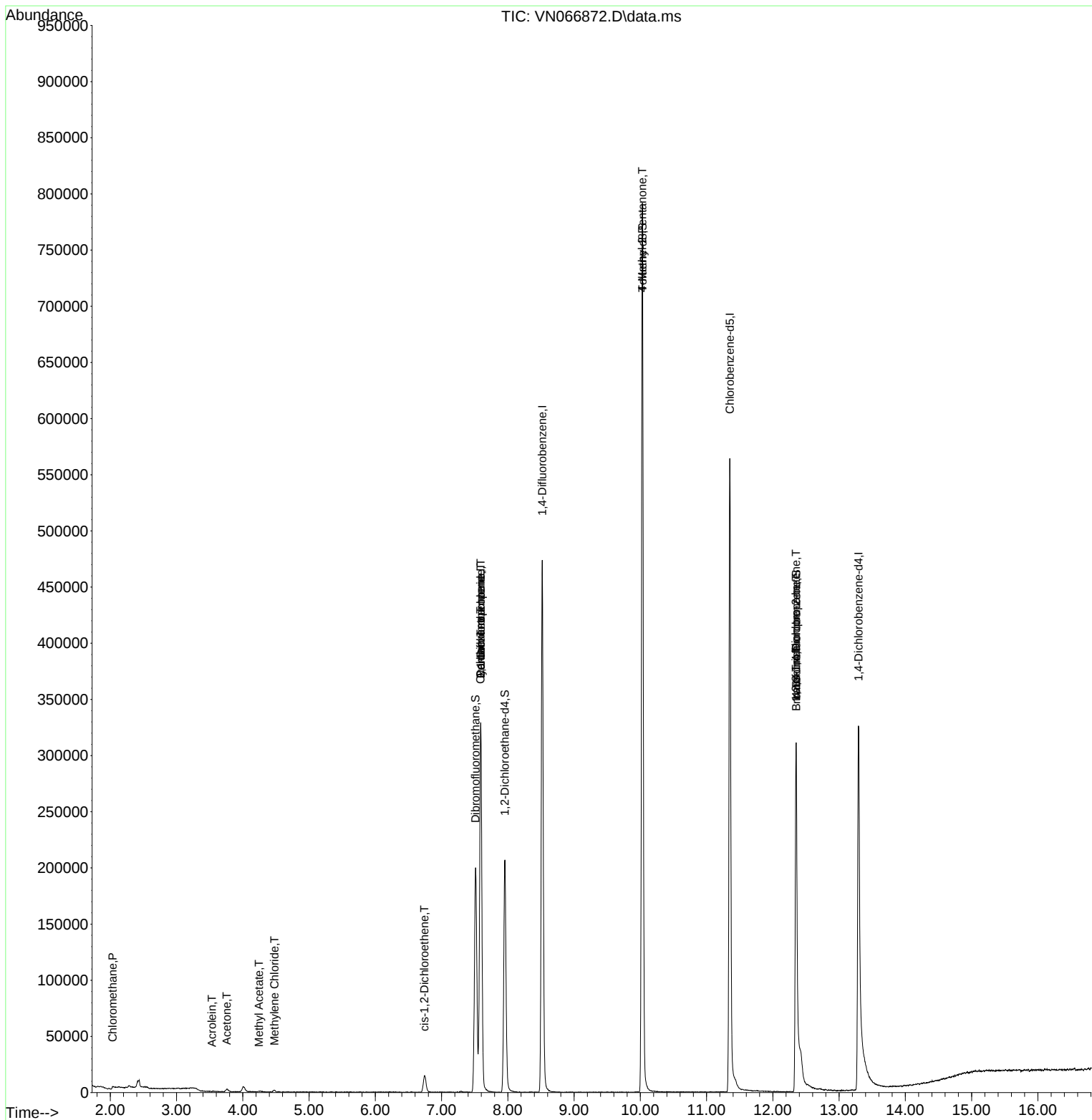
Quant Time: Apr 30 06:16:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 27 16:02:50 2021
 Response via : Initial Calibration

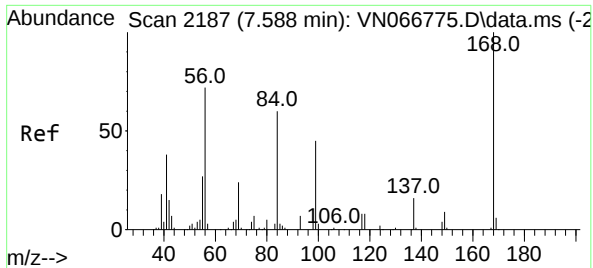
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.591	168	294807	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.519	114	447400	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.351	117	392560	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.293	152	157432	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.956	65	177861	46.96	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	93.92%		
35) Dibromofluoromethane	7.513	113	161006	58.30	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	116.60%		
50) Toluene-d8	10.032	98	579764	53.48	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	106.96%		
62) 4-Bromofluorobenzene	12.352	95	164161	44.76	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	89.52%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.037	50	987	0.24	ug/l #	87
13) Acrolein	3.536	56	122	0.25	ug/l #	55
16) Acetone	3.759	43	4433	3.10	ug/l	94
18) Methyl Acetate	4.244	43	446	1.23	ug/l #	51
20) Methylene Chloride	4.477	84	1227	0.34	ug/l	94
27) cis-1,2-Dichloroethene	6.741	96	10668	2.91	ug/l	92
31) Cyclohexane	7.588	56	4566	0.78	ug/l #	1
36) 1,1-Dichloropropene	7.591	75	19270	4.64	ug/l #	48
38) Carbon Tetrachloride	7.591	117	25046	6.28	ug/l #	18
51) 4-Methyl-2-Pentanone	10.029	43	2100	0.55	ug/l #	1
71) Bromoform	12.354	173	948	0.44	ug/l #	1
76) 1,2,3-Trichloropropane	12.349	75	63001	18.99	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.349	75	63001	52.62	ug/l #	12

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

Quant Time: Apr 30 06:16:31 2021
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Response via : Initial Calibration

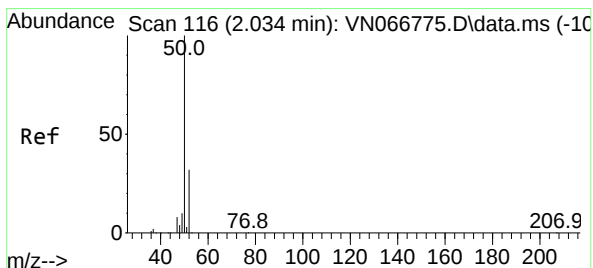
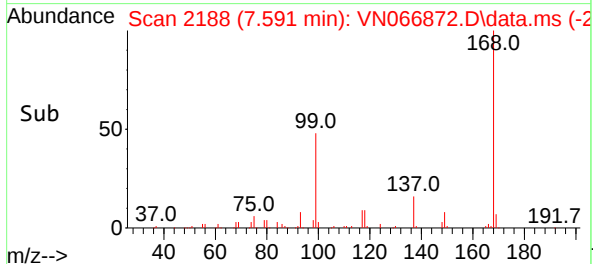
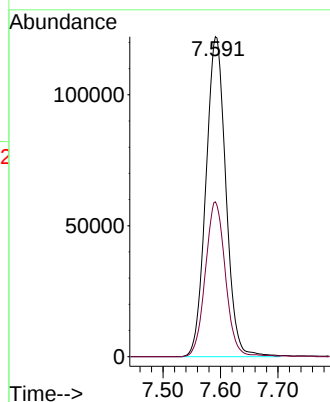
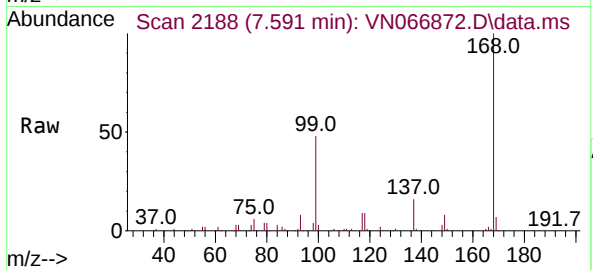




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. 0.003 min
Lab File: VN066872.D
Acq: 29 Apr 2021 19:15

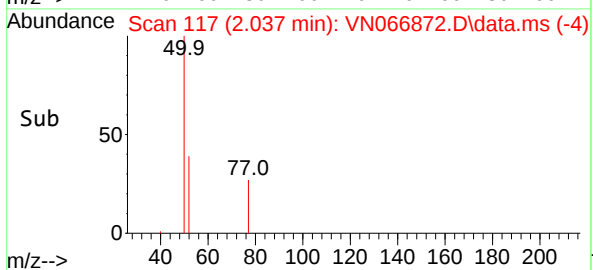
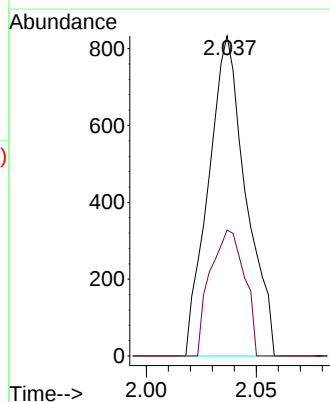
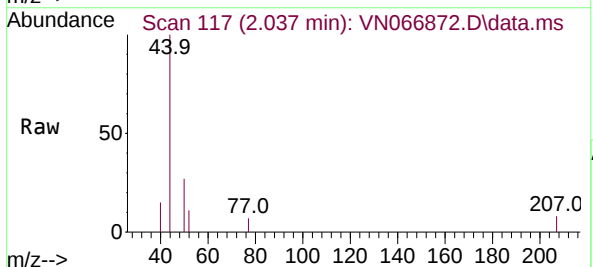
Instrument :
MSVOA_N
ClientSampled :

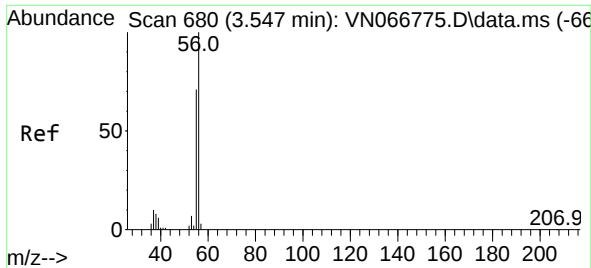
Tgt Ion:168 Resp: 294807
Ion Ratio Lower Upper
168 100
99 48.4 42.6 63.8



#3
Chloromethane
Concen: 0.24 ug/l
RT: 2.037 min Scan# 117
Delta R.T. 0.003 min
Lab File: VN066872.D
Acq: 29 Apr 2021 19:15

Tgt Ion: 50 Resp: 987
Ion Ratio Lower Upper
50 100
52 39.4 25.8 38.8#

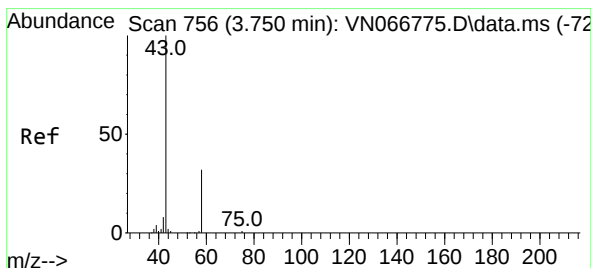
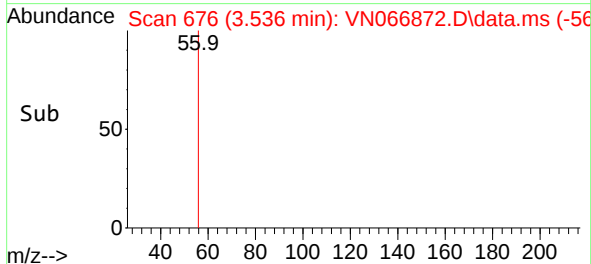
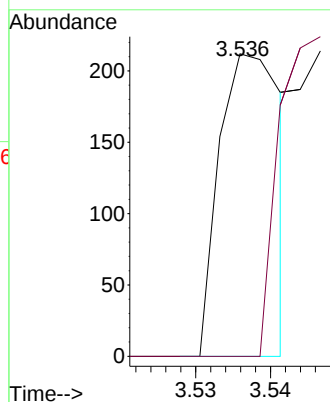
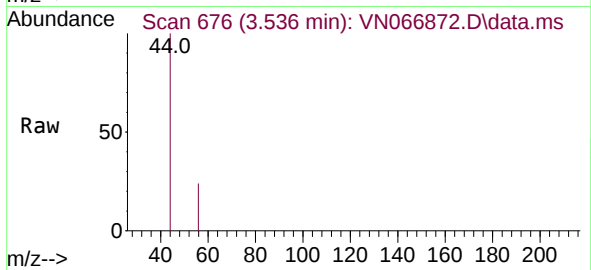




#13
Acrolein
Concen: 0.25 ug/l
RT: 3.536 min Scan# 676
Delta R.T. -0.011 min
Lab File: VN066872.D
Acq: 29 Apr 2021 19:15

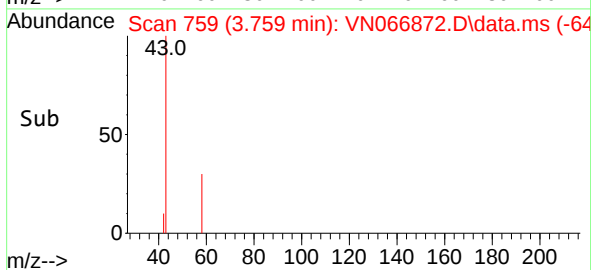
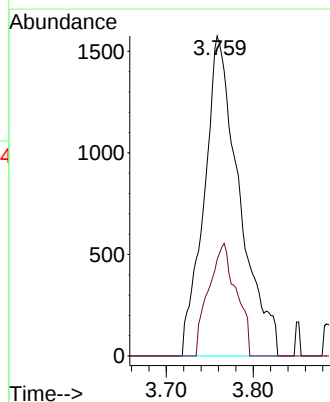
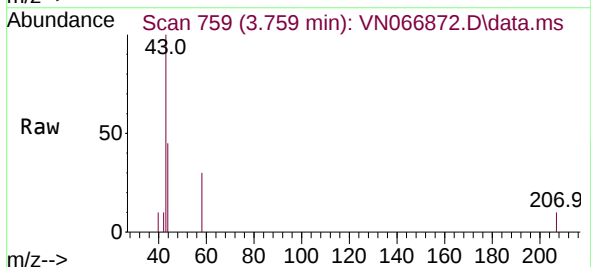
Instrument :
MSVOA_N
ClientSampled :

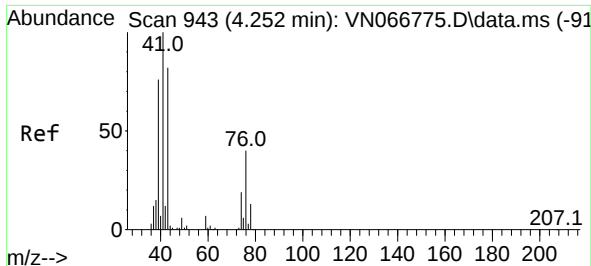
Tgt Ion: 56 Resp: 122
Ion Ratio Lower Upper
56 100
55 106.6 56.0 84.0#



#16
Acetone
Concen: 3.10 ug/l
RT: 3.759 min Scan# 759
Delta R.T. 0.009 min
Lab File: VN066872.D
Acq: 29 Apr 2021 19:15

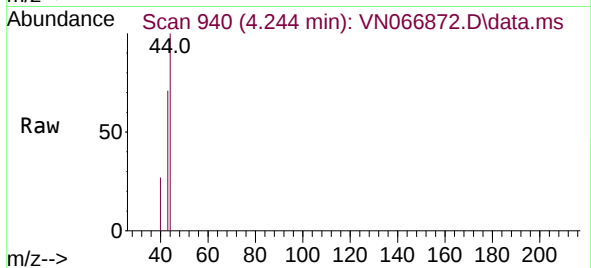
Tgt Ion: 43 Resp: 4433
Ion Ratio Lower Upper
43 100
58 30.2 27.0 40.6



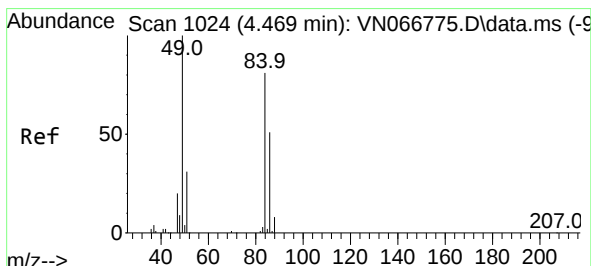
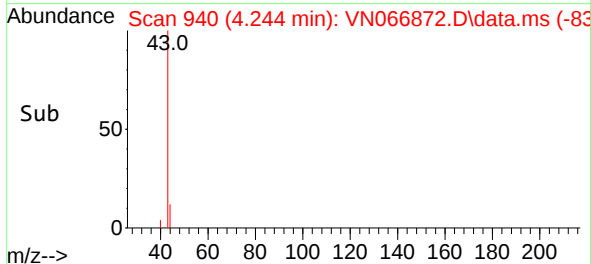
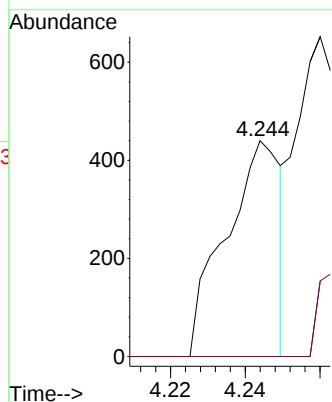


#18
Methyl Acetate
Concen: 1.23 ug/l
RT: 4.244 min Scan# 940
Delta R.T. -0.008 min
Lab File: VN066872.D
Acq: 29 Apr 2021 19:15

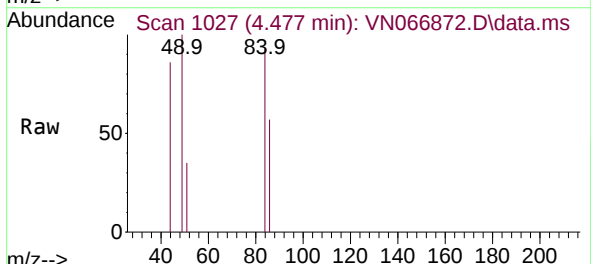
Instrument :
MSVOA_N
ClientSampled :



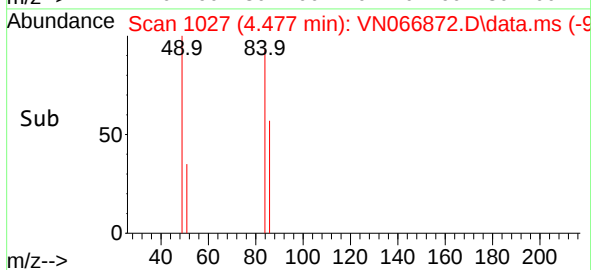
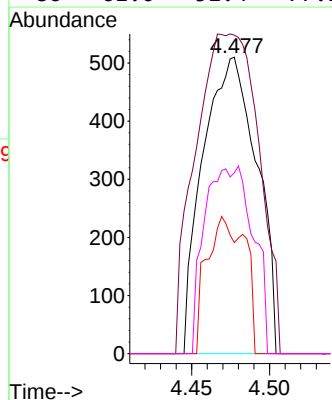
Tgt Ion: 43 Resp: 446
Ion Ratio Lower Upper
43 100
74 0.0 19.5 29.3#

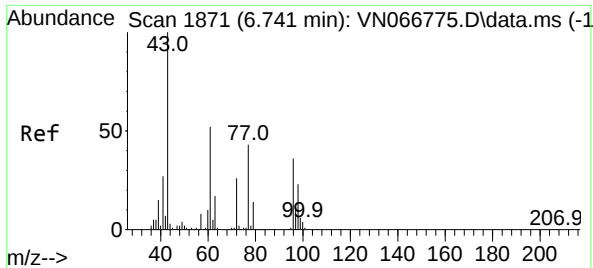


#20
Methylene Chloride
Concen: 0.34 ug/l
RT: 4.477 min Scan# 1027
Delta R.T. 0.008 min
Lab File: VN066872.D
Acq: 29 Apr 2021 19:15



Tgt Ion: 84 Resp: 1227
Ion Ratio Lower Upper
84 100
49 107.5 94.6 141.8
51 37.5 29.9 44.9
86 61.0 51.4 77.2

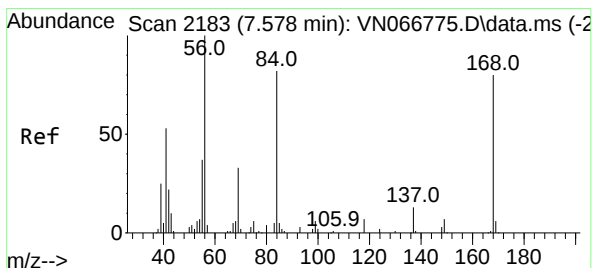
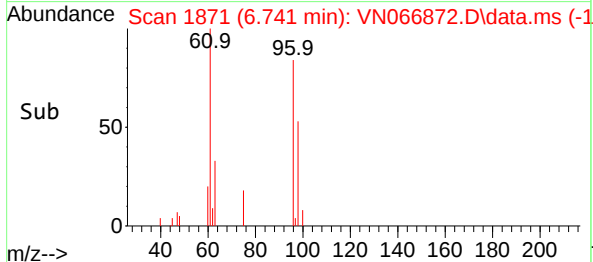
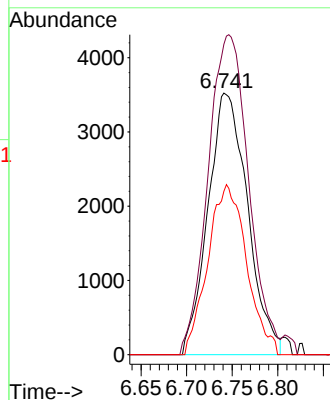
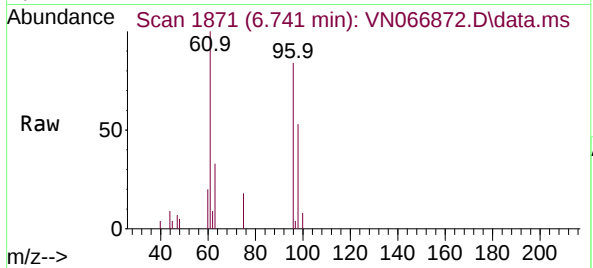




#27
cis-1,2-Dichloroethene
Concen: 2.91 ug/l
RT: 6.741 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN066872.D
Acq: 29 Apr 2021 19:15

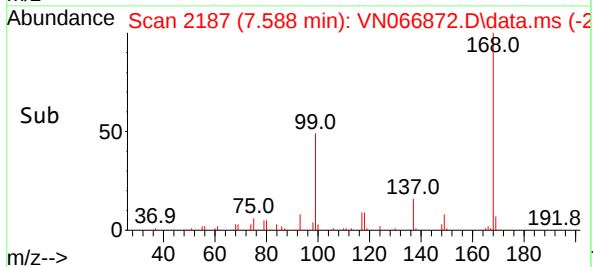
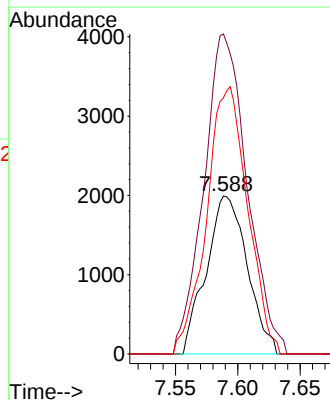
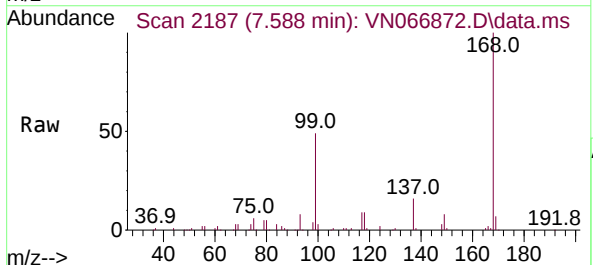
Instrument :
MSVOA_N
ClientSampleId :

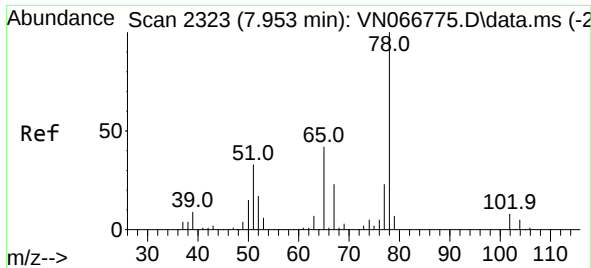
Tgt Ion:	96	Resp:	10668
Ion	Ratio	Lower	Upper
96	100		
61	125.0	0.0	276.8
98	63.4	0.0	129.4



#31
Cyclohexane
Concen: 0.78 ug/l
RT: 7.588 min Scan# 2187
Delta R.T. 0.010 min
Lab File: VN066872.D
Acq: 29 Apr 2021 19:15

Tgt Ion:	56	Resp:	4566
Ion	Ratio	Lower	Upper
56	100		
69	191.5	26.6	39.8#
84	162.2	70.4	105.6#

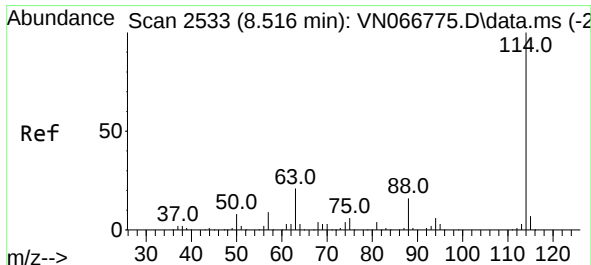
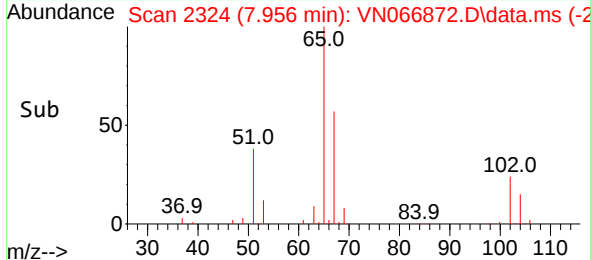
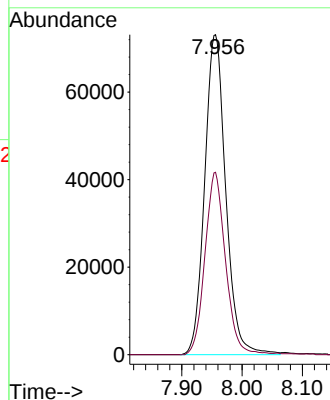
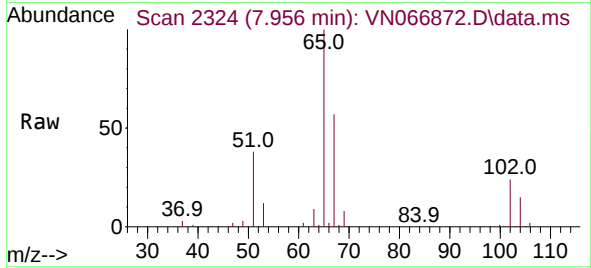




#33
 1,2-Dichloroethane-d4
 Concen: 46.96 ug/l
 RT: 7.956 min Scan# 2324
 Delta R.T. 0.003 min
 Lab File: VN066872.D
 Acq: 29 Apr 2021 19:15

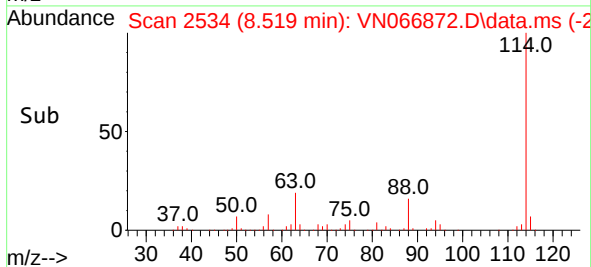
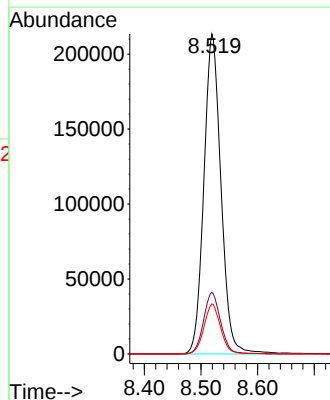
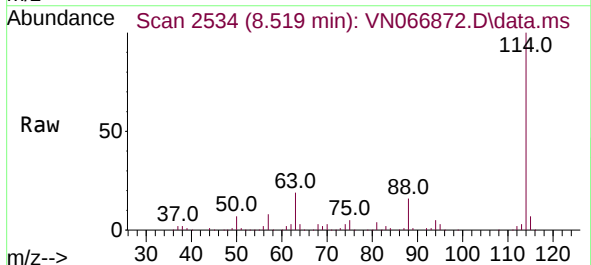
Instrument :
 MSVOA_N
 ClientSampled :

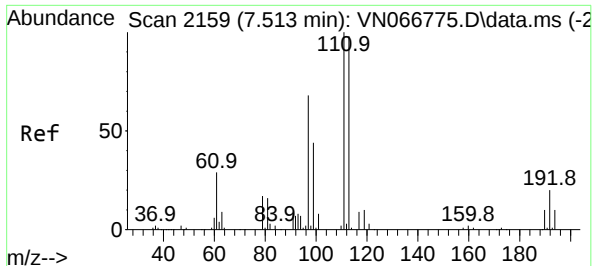
Tgt Ion: 65 Resp: 177861
 Ion Ratio Lower Upper
 65 100
 67 55.4 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.519 min Scan# 2534
 Delta R.T. 0.003 min
 Lab File: VN066872.D
 Acq: 29 Apr 2021 19:15

Tgt Ion: 114 Resp: 447400
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 38.6
 88 15.7 0.0 30.6

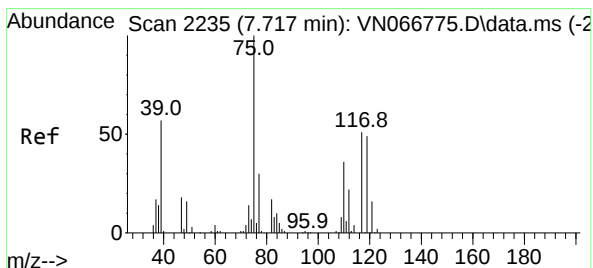
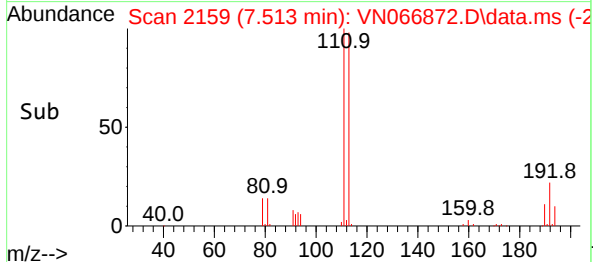
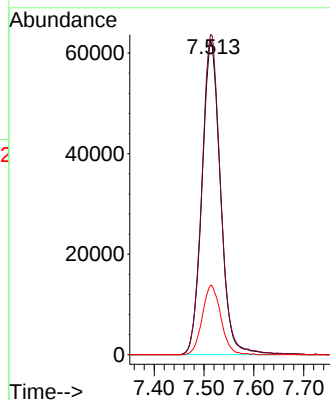
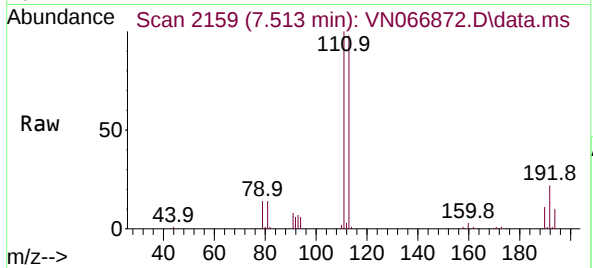




#35
Dibromofluoromethane
Concen: 58.30 ug/l
RT: 7.513 min Scan# 2159
Delta R.T. 0.000 min
Lab File: VN066872.D
Acq: 29 Apr 2021 19:15

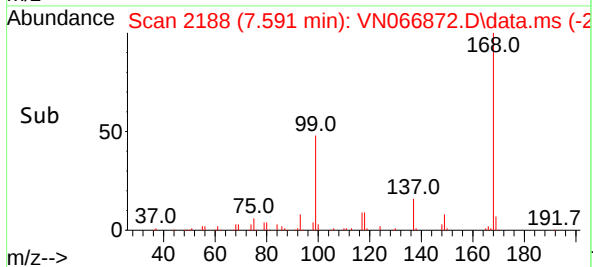
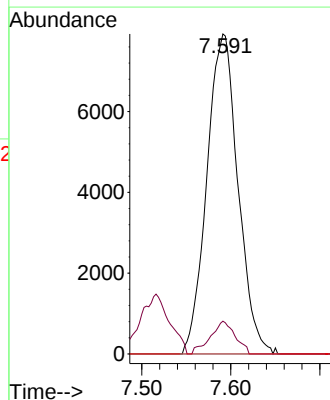
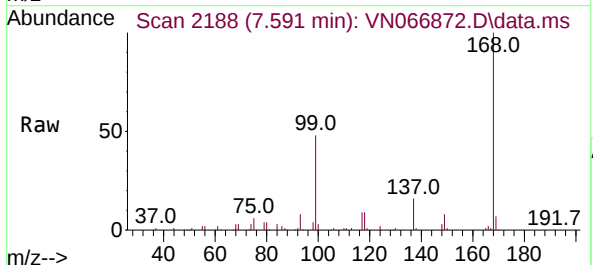
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ClientSampleId :

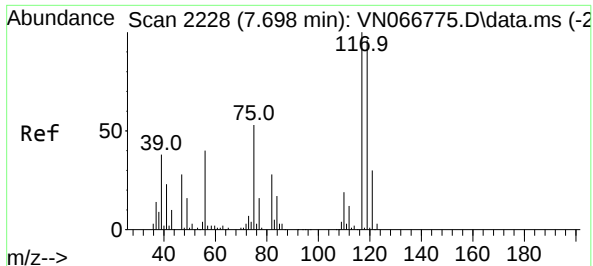
Tgt Ion:113 Resp: 161006
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.2
192 22.1 15.4 23.0



#36
1,1-Dichloropropene
Concen: 4.64 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. -0.126 min
Lab File: VN066872.D
Acq: 29 Apr 2021 19:15

Tgt Ion: 75 Resp: 19270
Ion Ratio Lower Upper
75 100
110 8.1 18.2 54.6#
77 0.0 24.9 37.3#

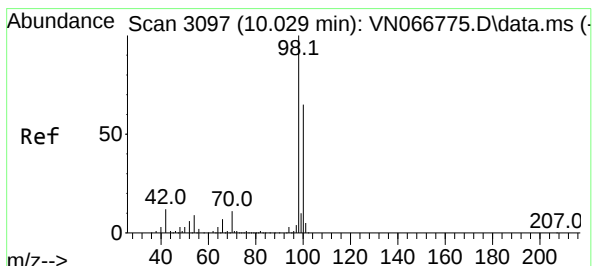
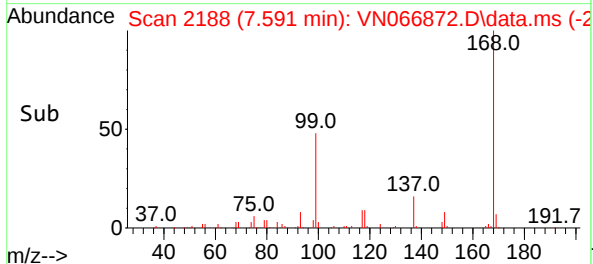
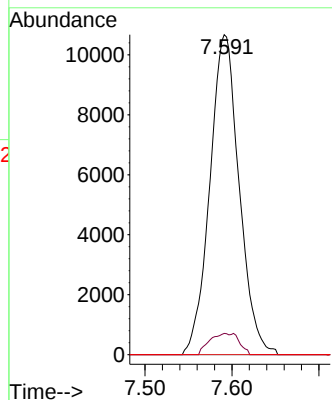
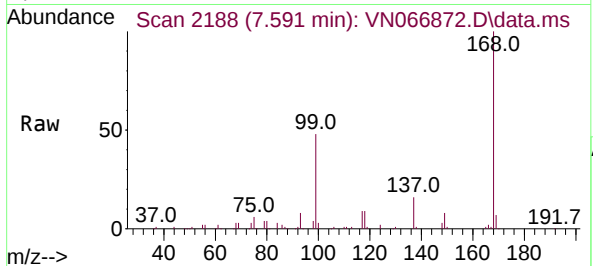




#38
Carbon Tetrachloride
Concen: 6.28 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. -0.107 min
Lab File: VN066872.D
Acq: 29 Apr 2021 19:15

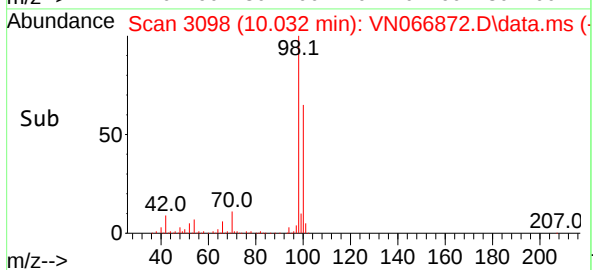
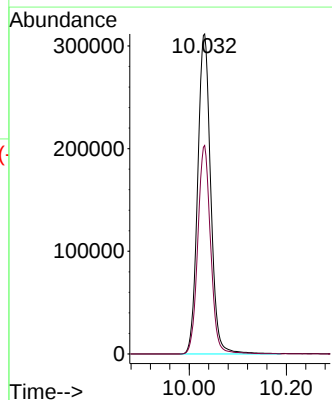
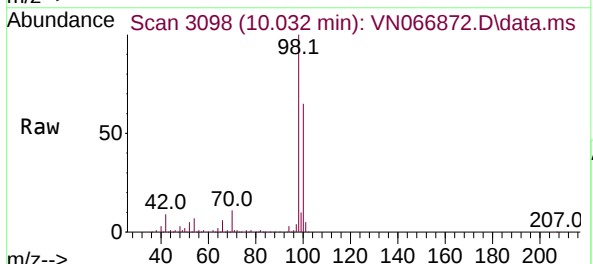
Instrument :
MSVOA_N
ClientSampled :

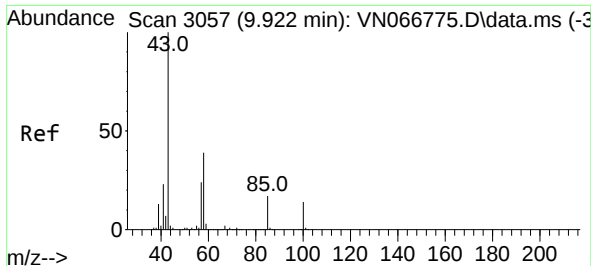
Tgt Ion:117 Resp: 25046
Ion Ratio Lower Upper
117 100
119 6.6 76.0 114.0#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 53.48 ug/l
RT: 10.032 min Scan# 3098
Delta R.T. 0.003 min
Lab File: VN066872.D
Acq: 29 Apr 2021 19:15

Tgt Ion: 98 Resp: 579764
Ion Ratio Lower Upper
98 100
100 64.0 50.5 75.7

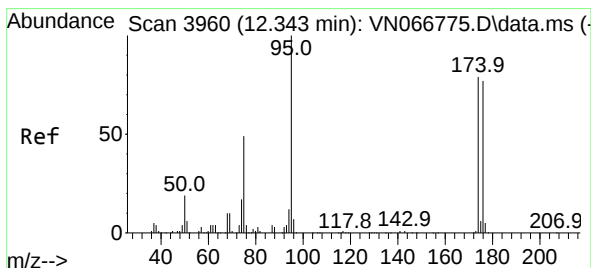
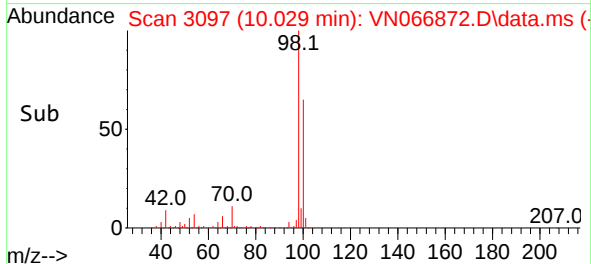
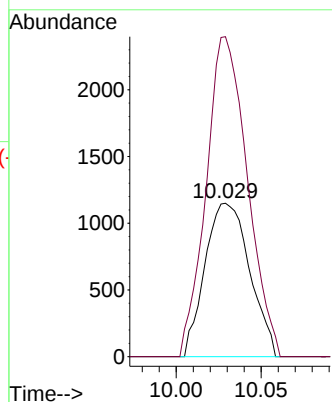
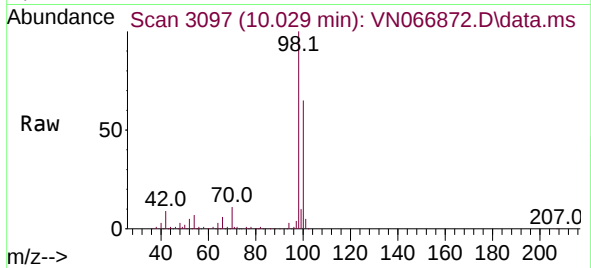




#51
4-Methyl-2-Pentanone
Concen: 0.55 ug/l
RT: 10.029 min Scan# 3097
Delta R.T. 0.107 min
Lab File: VN066872.D
Acq: 29 Apr 2021 19:15

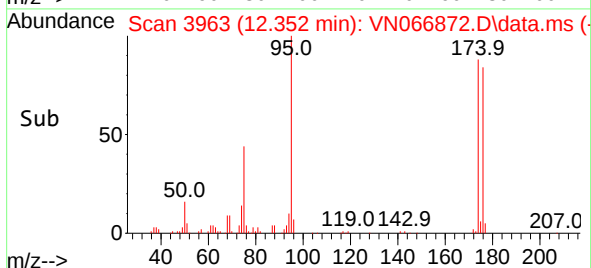
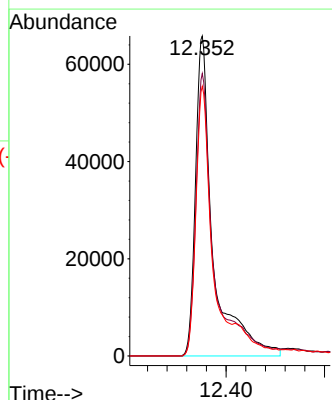
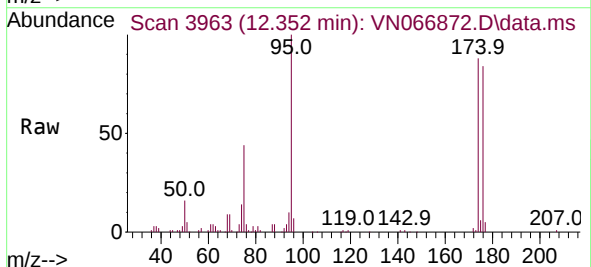
Instrument :
MSVOA_N
ClientSampled :

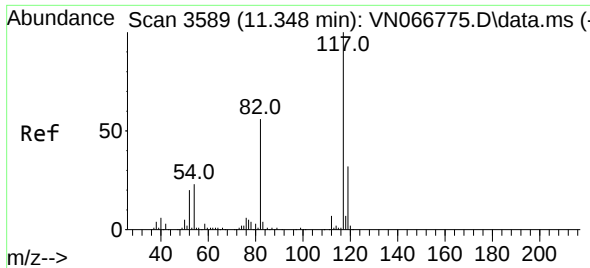
Tgt Ion: 43 Resp: 2100
Ion Ratio Lower Upper
43 100
58 192.6 32.5 48.7#



#62
4-Bromofluorobenzene
Concen: 44.76 ug/l
RT: 12.352 min Scan# 3963
Delta R.T. 0.009 min
Lab File: VN066872.D
Acq: 29 Apr 2021 19:15

Tgt Ion: 95 Resp: 164161
Ion Ratio Lower Upper
95 100
174 88.5 0.0 169.0
176 72.7 0.0 162.4

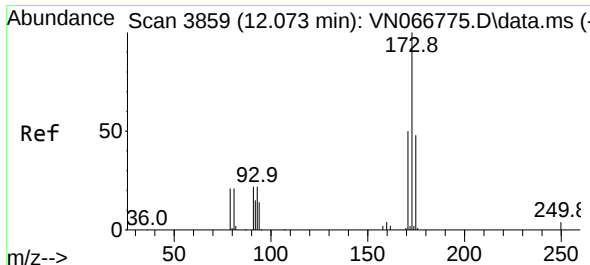
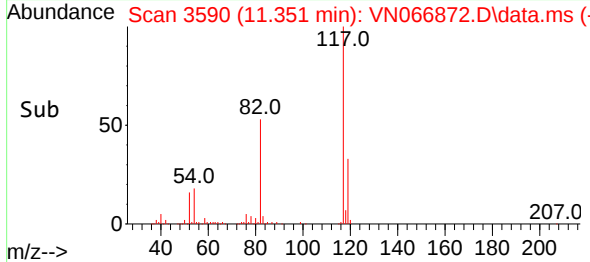
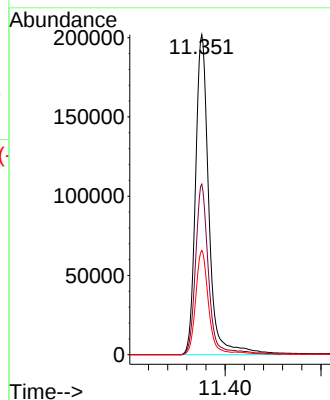
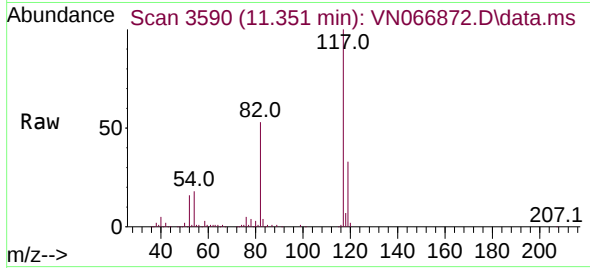




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.351 min Scan# 3590
Delta R.T. 0.003 min
Lab File: VN066872.D
Acq: 29 Apr 2021 19:15

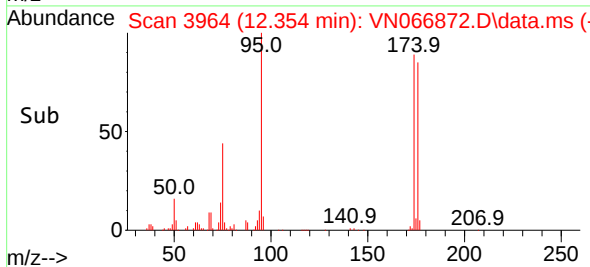
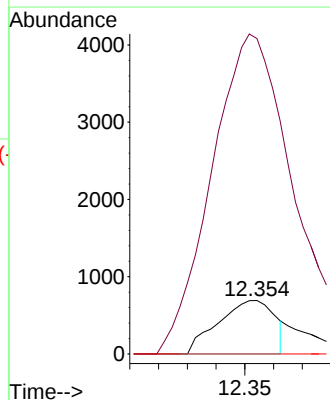
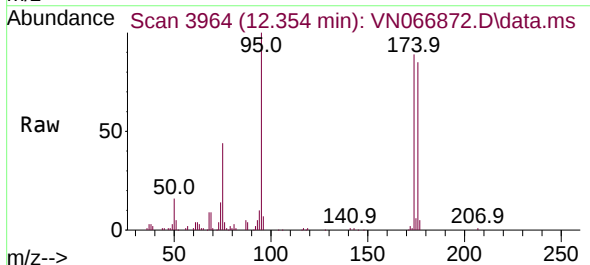
Instrument :
MSVOA_N
ClientSampled :

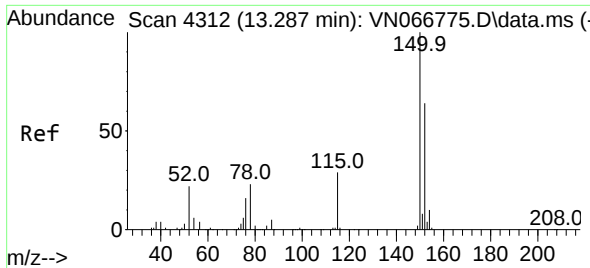
Tgt Ion:117 Resp: 392560
Ion Ratio Lower Upper
117 100
82 53.3 43.7 65.5
119 32.5 26.1 39.1



#71
Bromoform
Concen: 0.44 ug/l
RT: 12.354 min Scan# 3964
Delta R.T. 0.281 min
Lab File: VN066872.D
Acq: 29 Apr 2021 19:15

Tgt Ion:173 Resp: 948
Ion Ratio Lower Upper
173 100
175 671.9 23.8 71.2#
254 0.0 0.0 0.0

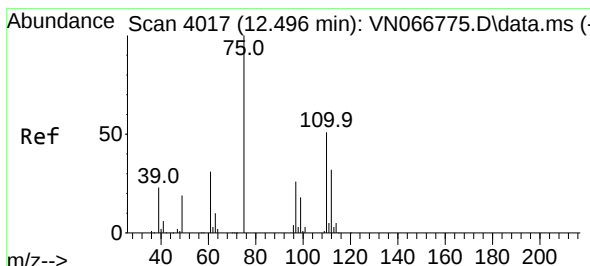
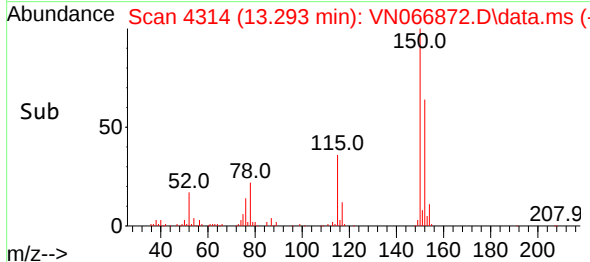
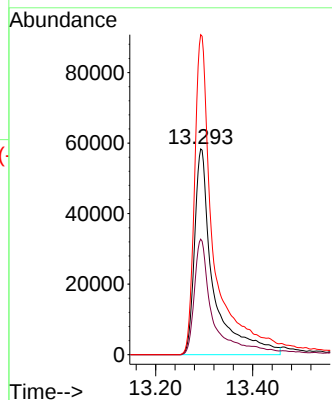
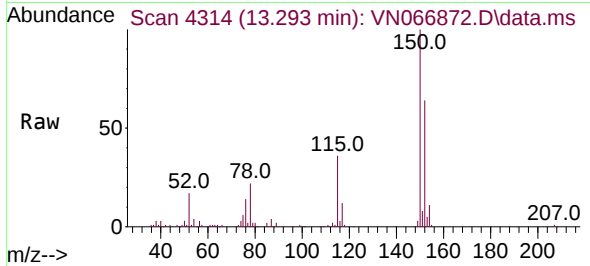




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.293 min Scan# 4314
 Delta R.T. 0.005 min
 Lab File: VN066872.D
 Acq: 29 Apr 2021 19:15

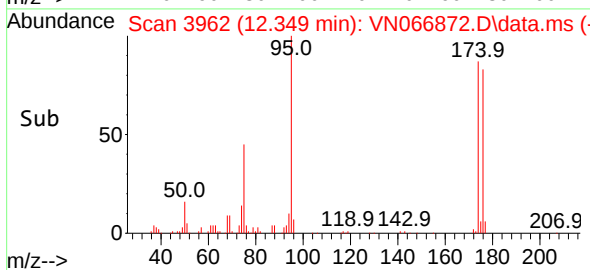
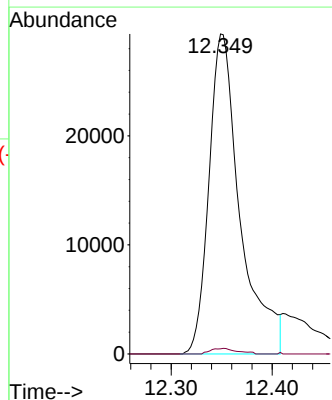
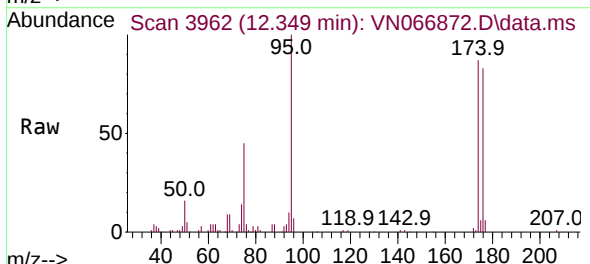
Instrument :
 MSVOA_N
 ClientSampled :

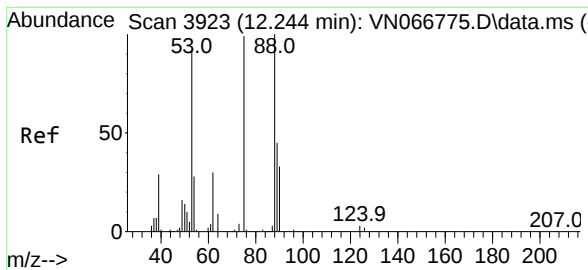
Tgt Ion:152 Resp: 157432
 Ion Ratio Lower Upper
 152 100
 115 54.5 28.5 85.6
 150 157.2 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 18.99 ug/l
 RT: 12.349 min Scan# 3962
 Delta R.T. -0.147 min
 Lab File: VN066872.D
 Acq: 29 Apr 2021 19:15

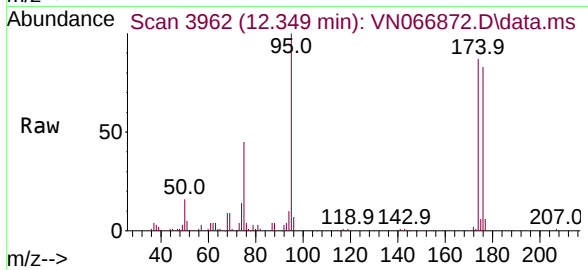
Tgt Ion: 75 Resp: 63001
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 52.62 ug/l
 RT: 12.349 min Scan# 3962
 Delta R.T. 0.105 min
 Lab File: VN066872.D
 Acq: 29 Apr 2021 19:15

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 63001
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.6 111.8#
 89 0.0 35.8 53.8#

