

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050721\
 Data File : VN067019.D
 Acq On : 6 May 2021 19:12
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda

5/7/2021 6:23:24 PM

Quant Time: May 07 06:09:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N050721W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri May 07 06:08:19 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.115	128	77973	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.518	114	391005	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.352	117	349475	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.954	65	206813	13.17	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	43.90%#		
60) 4-Bromofluorobenzene	12.353	95	147561	11.05	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	36.83%#		
63) Toluene-d8	10.030	98	538931	13.54	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	45.13%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.837	85	22757	2.83	ug/l	96
3) Chloromethane	2.035	50	40111	3.49	ug/l	95
4) Vinyl Chloride	2.161	62	37484	3.40	ug/l	93
5) Bromomethane	2.510	94	21463	3.52	ug/l	97
6) Chloroethane	2.652	64	23235	3.71	ug/l	97
7) Trichlorofluoromethane	2.969	101	47075	3.46	ug/l	93
8) Diethyl Ether	3.357	74	15902	3.66	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.690	101	23387	3.56	ug/l	91
10) 1,1-Dichloroethene	3.674	96	22150	3.57	ug/l	95
11) Methyl Iodide	3.886	142	27027	3.23	ug/l	100
12) Methyl Acetate	4.256	43	33070	3.87	ug/l	96
13) Acrolein	3.550	56	26192	19.07	ug/l	97
14) Acrylonitrile	4.902	53	58252	16.79	ug/l	97
15) Acetone	3.754	58	18650	18.68	ug/l	100
16) Carbon Disulfide	3.982	76	73078	3.54	ug/l	99
17) Allyl chloride	4.250	41	42387m	3.80	ug/l	
18) Methylene Chloride	4.468	84	33276	4.00	ug/l	96
19) trans-1,2-Dichloroethene	4.953	96	23822	3.50	ug/l	86
20) Diisopropyl ether	5.870	45	71445	3.15	ug/l	97
21) 1,1-Dichloroethane	5.760	63	53171	3.59	ug/l	97
22) cis-1,2-Dichloroethene	6.745	96	26145	3.35	ug/l #	84
23) tert-Butyl Alcohol	4.712	59	26350m	20.02	ug/l	
24) Methyl tert-Butyl Ether	4.959	73	67683	3.30	ug/l #	73
25) Chloroform	7.295	83	52645	3.73	ug/l	91
26) Cyclohexane	7.579	56	32331m	3.16	ug/l	
29) 1,1-Dichloropropene	7.718	75	30234	3.15	ug/l	97
30) 2-Butanone	6.755	43	74240	16.44	ug/l #	76
31) 2,2-Dichloropropane	6.734	77	43470	3.83	ug/l #	79
32) 1,1,1-Trichloroethane	7.488	97	45560	3.68	ug/l	99
33) Carbon Tetrachloride	7.699	117	39352	3.66	ug/l	98
34) Benzene	7.970	78	110442	3.57	ug/l #	71
35) Methacrylonitrile	7.107	41	17055m	4.36	ug/l	
36) 1,2-Dichloroethane	8.054	62	43445	3.76	ug/l #	77
37) Trichloroethene	8.770	130	23734	3.56	ug/l	97
38) Methylcyclohexane	9.016	83	31155	3.37	ug/l	99
39) 1,2-Dichloropropane	9.051	63	31342	3.62	ug/l	93
40) Dibromomethane	9.145	93	19733	3.77	ug/l	99
41) Bromodichloromethane	9.338	83	41320	3.78	ug/l	92
42) Vinyl Acetate	5.809	43	317069m	16.00	ug/l	

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 ALS Vial : 22 Sample Multiplier: 1

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 ClientSampleId :
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Manual Integrations
 APPROVED

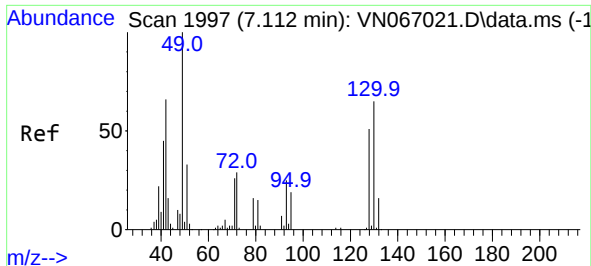
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5/7/2021 6:23:24 PM

Quant Time: May 07 06:09:42 2021
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	6.849	43	43875m	4.45	ug/l	
44) Isopropyl Acetate	8.096	43	55190	3.44	ug/l #	91
45) 1,4-Dioxane	9.140	88	6175	61.43	ug/l #	87
46) Methyl methacrylate	9.142	41	21585	3.26	ug/l	99
48) t-1,3-Dichloropropene	10.328	75	37519	3.33	ug/l	91
49) cis-1,3-Dichloropropene	9.781	75	42380	3.39	ug/l	95
50) 1,1,2-Trichloroethane	10.505	97	26405	3.61	ug/l	96
51) Ethyl methacrylate	10.379	69	25870m	2.80	ug/l	
52) 1,3-Dichloropropane	10.650	76	44748	3.56	ug/l	99
53) Dibromochloromethane	10.843	129	28231	3.53	ug/l	99
54) 1,2-Dibromoethane	10.950	107	22698	3.22	ug/l	95
55) 2-Chloroethyl vinyl ether	9.639	63	23078	13.50	ug/l	100
56) Bromoform	12.079	173	16643	3.27	ug/l #	98
58) 4-Methyl-2-Pentanone	9.923	43	146830	16.00	ug/l	100
59) 2-Hexanone	10.703	43	63088	11.77	ug/l	92
61) Tetrachloroethene	10.572	164	20918	3.78	ug/l	99
62) Toluene	10.095	91	110168	3.69	ug/l	99
64) Chlorobenzene	11.376	112	62734	3.57	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.452	131	26157	3.79	ug/l	95
66) Ethyl Benzene	11.460	91	95838	3.15	ug/l	99
67) m/p-Xylenes	11.570	106	69453	6.12	ug/l	94
68) o-Xylene	11.897	106	34378	3.11	ug/l	96
69) Styrene	11.924	104	47017	2.73	ug/l	96
70) Isopropylbenzene	12.197	105	87149	3.01	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.452	83	35296	3.19	ug/l	94
72) 1,2,3-Trichloropropane	12.508	75	23855	2.48	ug/l	70
73) Bromobenzene	12.476	156	22590	3.19	ug/l	95
74) n-propylbenzene	12.543	91	90567	2.70	ug/l	99
75) 2-Chlorotoluene	12.624	91	57671	2.60	ug/l	88
76) 1,3,5-Trimethylbenzene	12.683	105	75330	2.91	ug/l	97
77) t-1,4-Dichloro-2-butene	12.280	75	3289m	1.59	ug/l	
78) 4-Chlorotoluene	12.728	91	35180	1.71	ug/l	80
79) tert-butylbenzene	12.940	119	66949	3.09	ug/l	97
80) 1,2,4-Trimethylbenzene	12.991	105	62586	2.57	ug/l	94
81) sec-Butylbenzene	13.120	105	81166	2.85	ug/l	98
82) p-Isopropyltoluene	13.240	119	54357	2.41	ug/l	100
83) 1,3-Dichlorobenzene	13.238	146	31031	2.71	ug/l	97
84) 1,4-Dichlorobenzene	13.324	146	47832m	4.42	ug/l	
85) n-Butylbenzene	13.581	91	51604m	3.07	ug/l	
86) Hexachloroethane	13.817	117	17737	3.60	ug/l	97
87) 1,2-Dichlorobenzene	13.608	146	33610	2.77	ug/l	85
88) 1,2-Dibromo-3-Chloropr...	14.235	75	9000m	5.38	ug/l	
89) 1,2,4-Trichlorobenzene	14.868	180	17985m	3.20	ug/l	
90) Hexachlorobutadiene	14.952	225	14813	3.81	ug/l	95
91) Naphthalene	15.086	128	48768m	3.11	ug/l	
92) 1,2,3-Trichlorobenzene	15.265	180	20417m	3.36	ug/l	

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



#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.115 min Scan# 1998
Delta R.T. 0.003 min
Lab File: VN067019.D
Acq: 6 May 2021 19:12

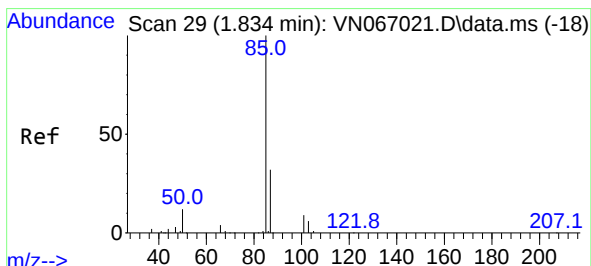
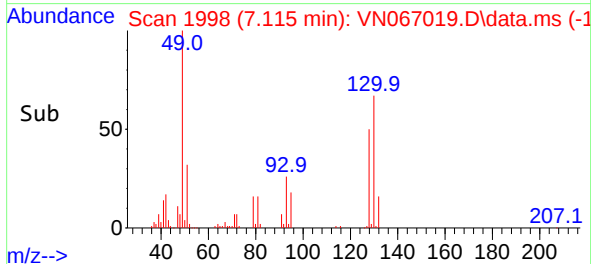
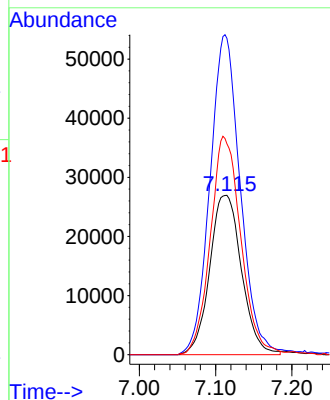
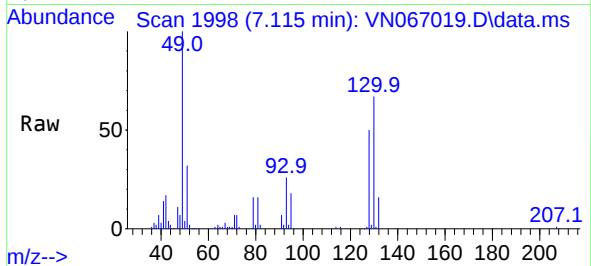
Tgt Ion: 128 Resp: 77973
Ion Ratio Lower Upper
128 100
49 191.8 0.0 486.3
130 131.4 0.0 326.0

Instrument :
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VSTDIC005

Manual Integrations
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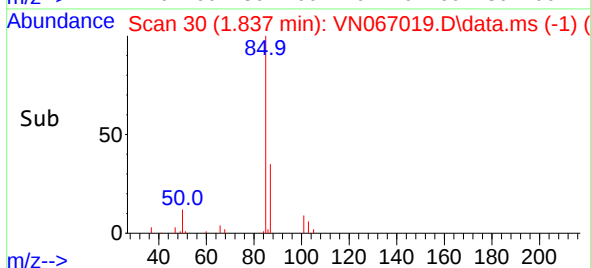
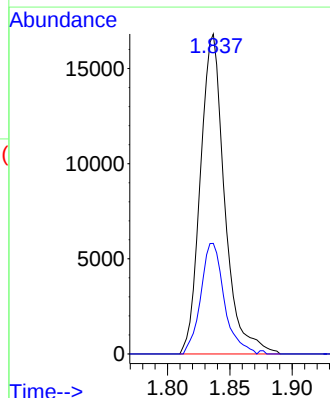
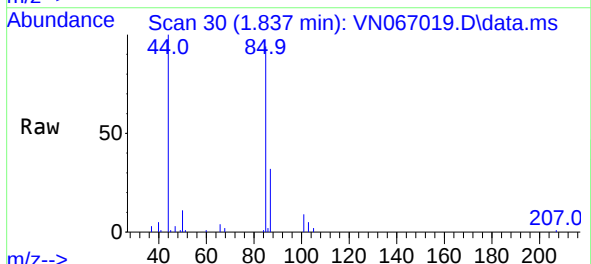
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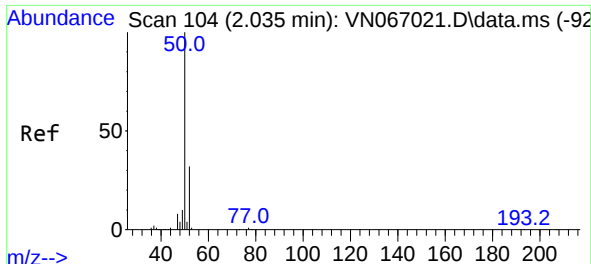
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#2
Dichlorodifluoromethane
Concen: 2.83 ug/l
RT: 1.837 min Scan# 30
Delta R.T. 0.003 min
Lab File: VN067019.D
Acq: 6 May 2021 19:12

Tgt Ion: 85 Resp: 22757
Ion Ratio Lower Upper
85 100
87 34.5 16.1 48.3





#3
Chloromethane
Concen: 3.49 ug/l
RT: 2.035 min Scan# 104
Delta R.T. 0.000 min
Lab File: VN067019.D
Acq: 6 May 2021 19:12

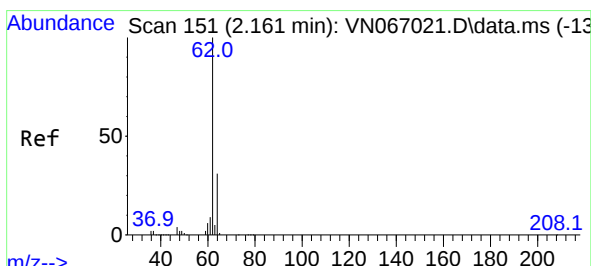
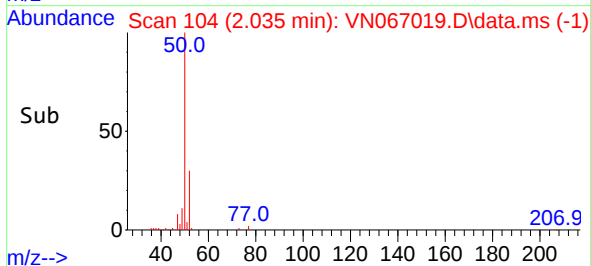
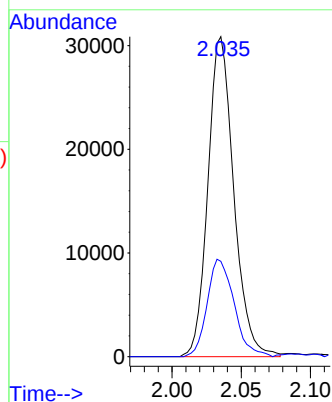
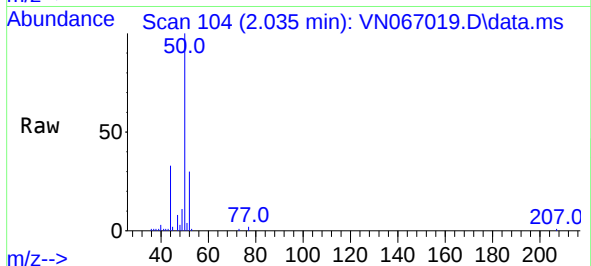
Tgt Ion: 50 Resp: 40111
Ion Ratio Lower Upper
50 100
52 29.8 25.9 38.9

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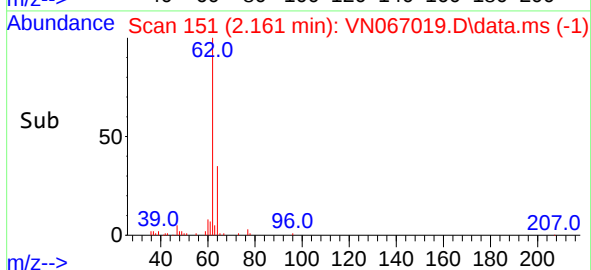
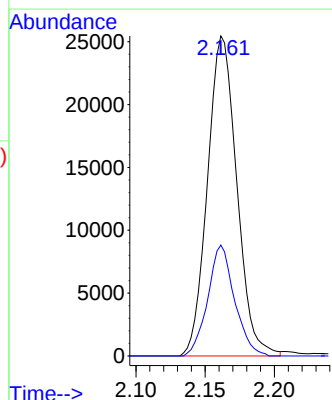
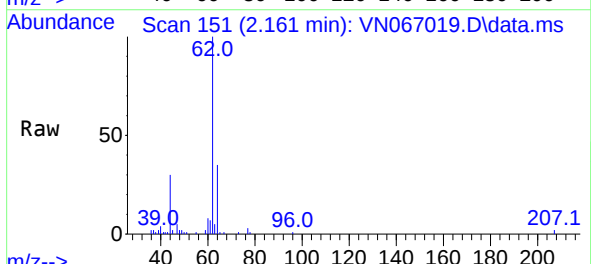
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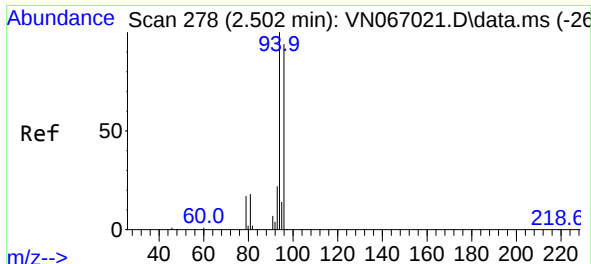
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#4
Vinyl Chloride
Concen: 3.40 ug/l
RT: 2.161 min Scan# 151
Delta R.T. 0.000 min
Lab File: VN067019.D
Acq: 6 May 2021 19:12

Tgt Ion: 62 Resp: 37484
Ion Ratio Lower Upper
62 100
64 34.6 24.7 37.1





#5
Bromomethane
Concen: 3.52 ug/l
RT: 2.510 min Scan# 281
Delta R.T. 0.008 min
Lab File: VN067019.D
Acq: 6 May 2021 19:12

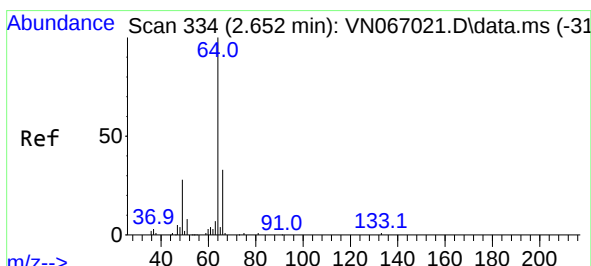
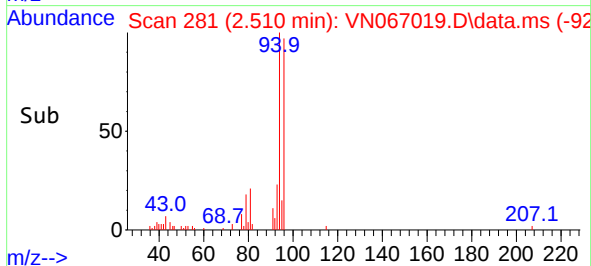
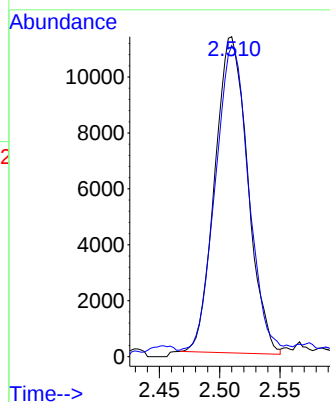
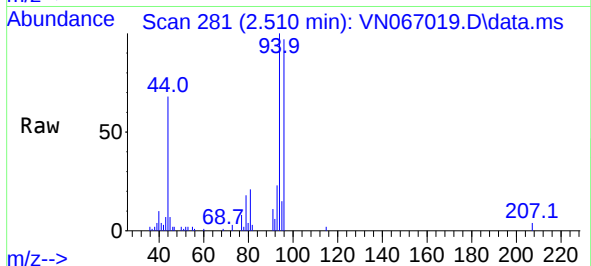
Tgt Ion: 94 Resp: 21463
Ion Ratio Lower Upper
94 100
96 96.7 75.4 113.2

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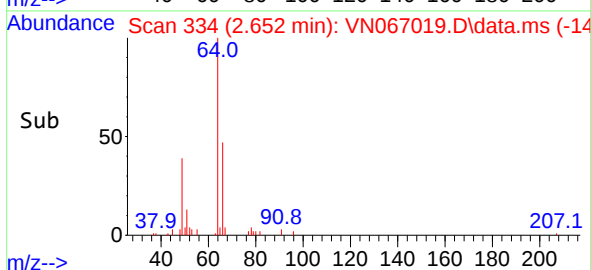
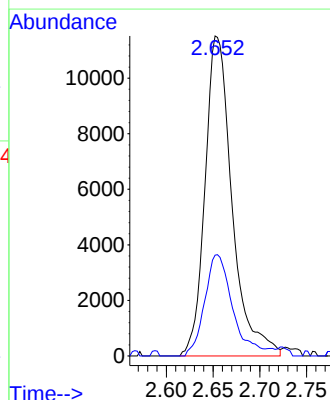
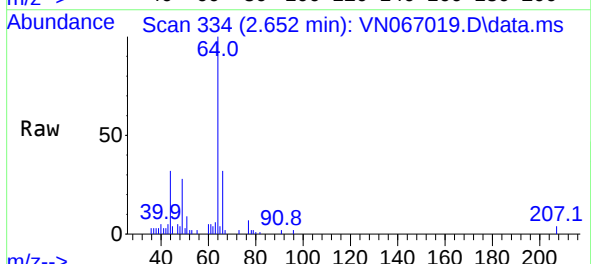
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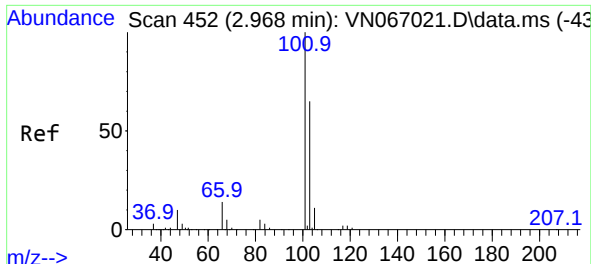
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#6
Chloroethane
Concen: 3.71 ug/l
RT: 2.652 min Scan# 334
Delta R.T. 0.000 min
Lab File: VN067019.D
Acq: 6 May 2021 19:12

Tgt Ion: 64 Resp: 23235
Ion Ratio Lower Upper
64 100
66 31.5 26.7 40.1





#7
Trichlorofluoromethane
Concen: 3.46 ug/l
RT: 2.969 min Scan# 452
Delta R.T. 0.000 min
Lab File: VN067019.D
Acq: 6 May 2021 19:12

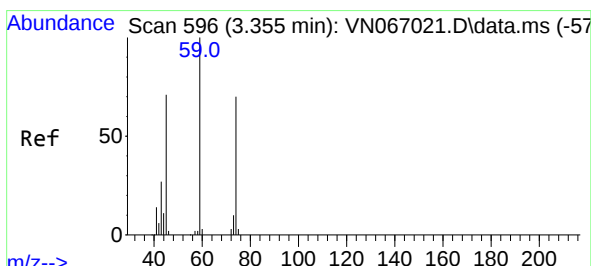
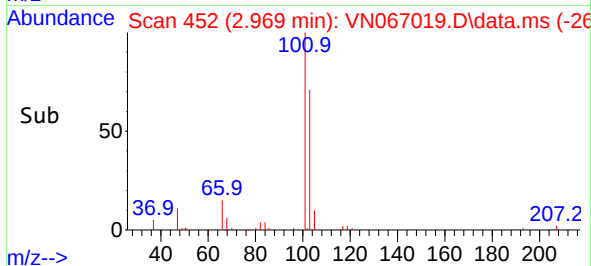
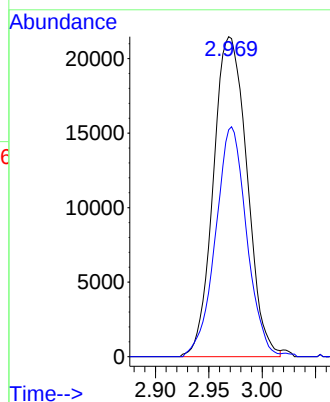
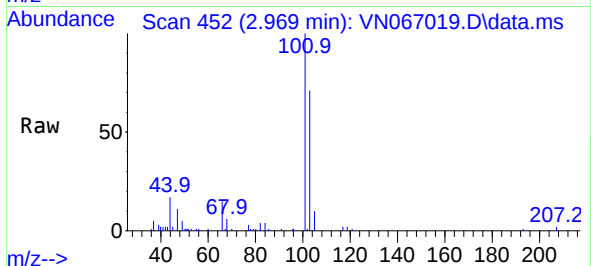
Tgt Ion:101 Resp: 47075
Ion Ratio Lower Upper
101 100
103 70.9 52.3 78.5

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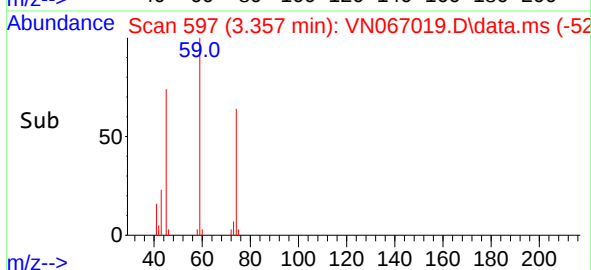
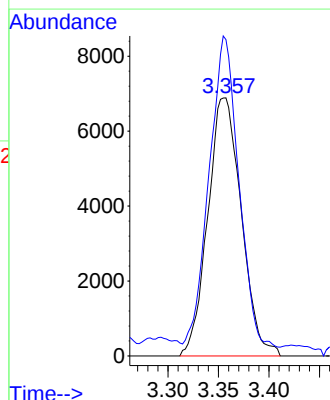
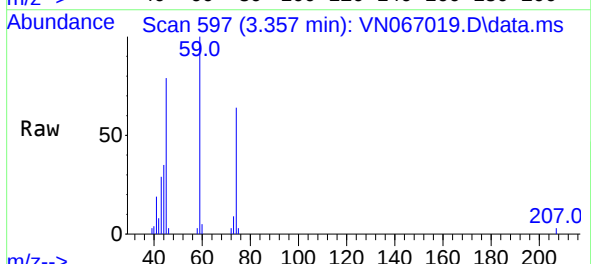
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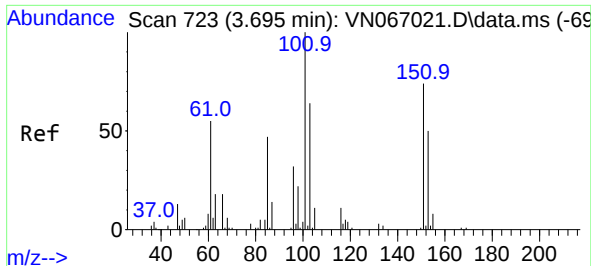
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#8
Diethyl Ether
Concen: 3.66 ug/l
RT: 3.357 min Scan# 597
Delta R.T. 0.003 min
Lab File: VN067019.D
Acq: 6 May 2021 19:12

Tgt Ion: 74 Resp: 15902
Ion Ratio Lower Upper
74 100
45 103.2 21.1 190.3





#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.56 ug/l
RT: 3.690 min Scan# 721
Delta R.T. -0.005 min
Lab File: VN067019.D
Acq: 6 May 2021 19:12

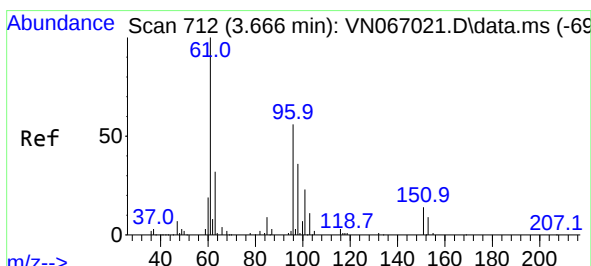
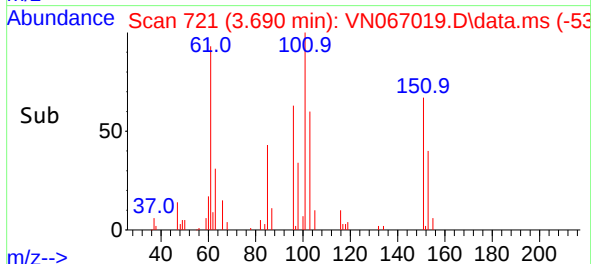
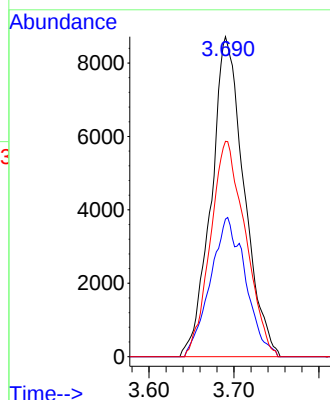
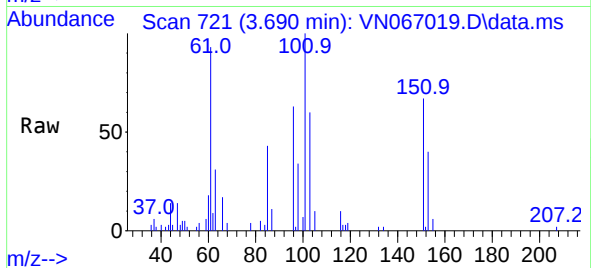
Tgt Ion:	101	Resp:	23387
Ion	Ratio	Lower	Upper
101	100		
85	31.0	0.0	90.4
151	71.7	0.0	145.8

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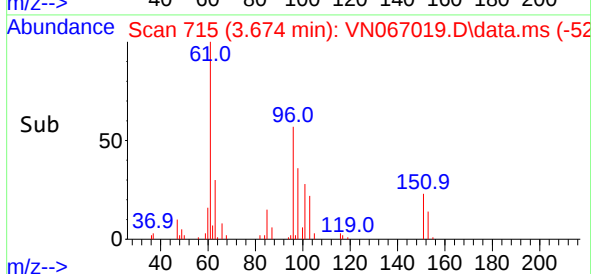
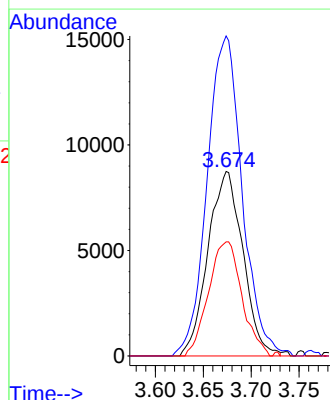
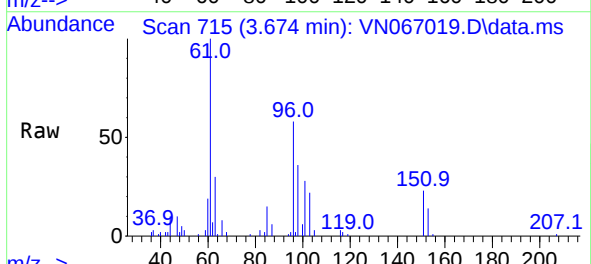
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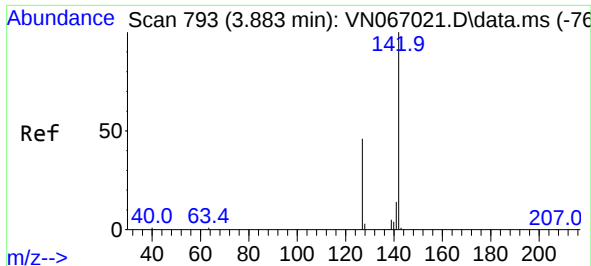
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#10
1,1-Dichloroethene
Concen: 3.57 ug/l
RT: 3.674 min Scan# 715
Delta R.T. 0.008 min
Lab File: VN067019.D
Acq: 6 May 2021 19:12

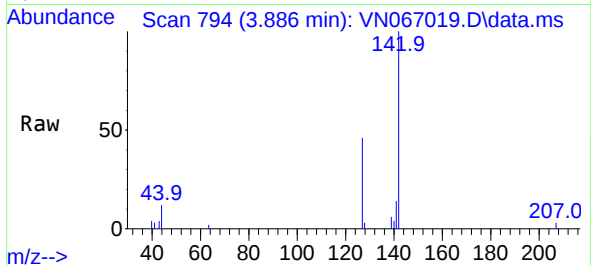
Tgt Ion:	96	Resp:	22150
Ion	Ratio	Lower	Upper
96	100		
61	170.3	142.5	213.7
98	61.9	51.3	76.9





#11
Methyl Iodide
Concen: 3.23 ug/l
RT: 3.886 min Scan# 794
Delta R.T. 0.003 min
Lab File: VN067019.D
Acq: 6 May 2021 19:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

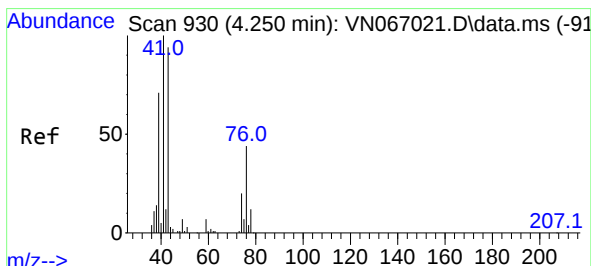
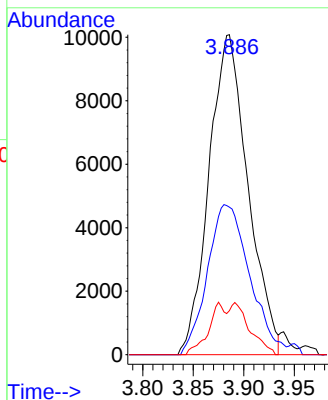
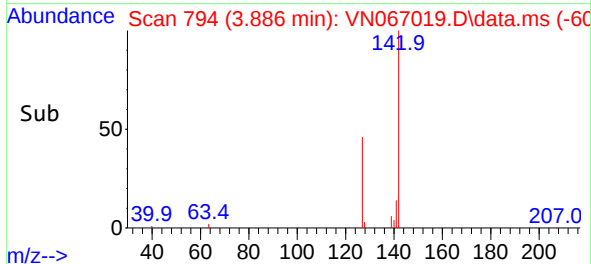


Tgt Ion:142 Resp: 27027
Ion Ratio Lower Upper
142 100
127 45.4 22.9 68.5
141 14.2 7.1 21.4

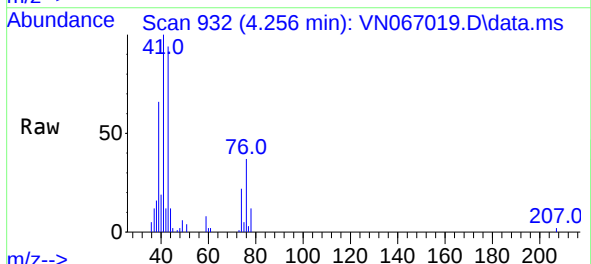
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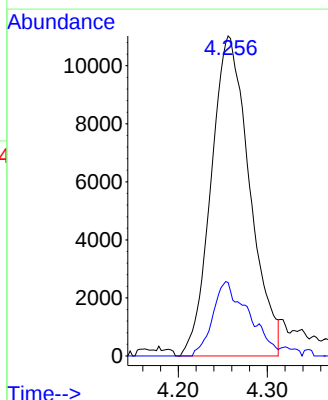
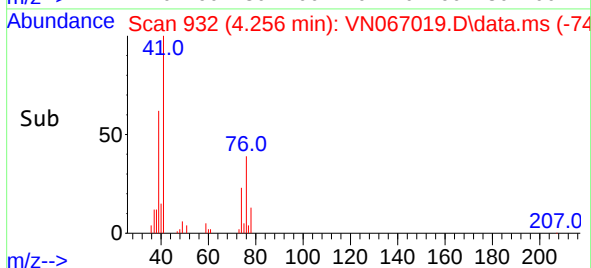
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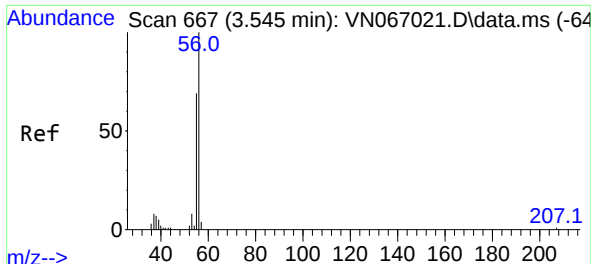


#12
Methyl Acetate
Concen: 3.87 ug/l
RT: 4.256 min Scan# 932
Delta R.T. 0.006 min
Lab File: VN067019.D
Acq: 6 May 2021 19:12



Tgt Ion: 43 Resp: 33070
Ion Ratio Lower Upper
43 100
74 23.3 17.2 25.8





#13
Acrolein
Concen: 19.07 ug/l
RT: 3.550 min Scan# 669
Delta R.T. 0.006 min
Lab File: VN067019.D
Acq: 6 May 2021 19:12

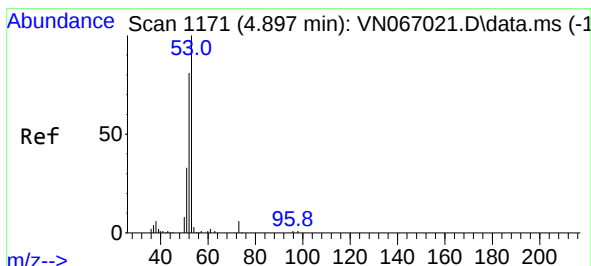
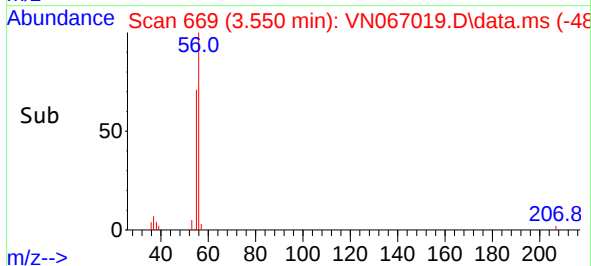
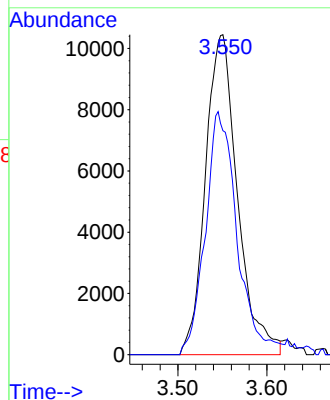
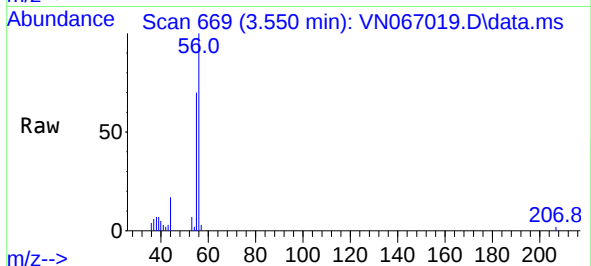
Tgt Ion: 56 Resp: 26192
Ion Ratio Lower Upper
56 100
55 73.3 56.6 84.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

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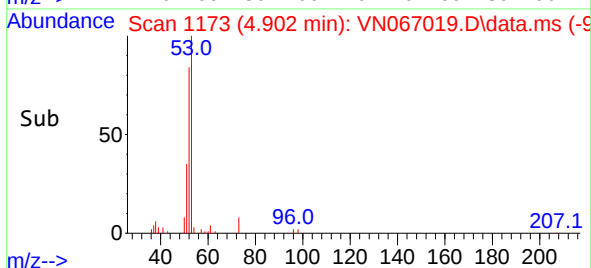
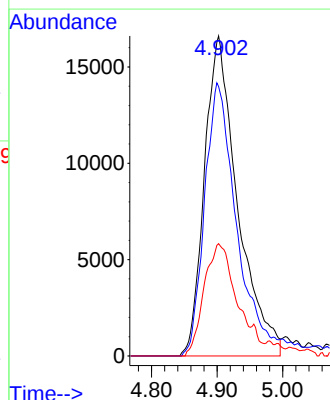
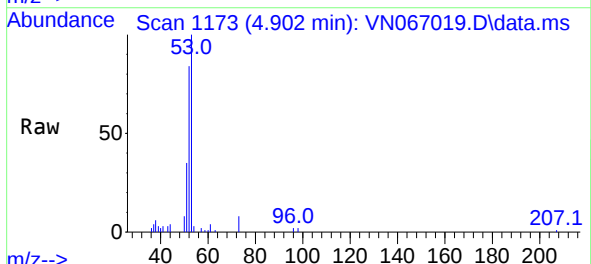
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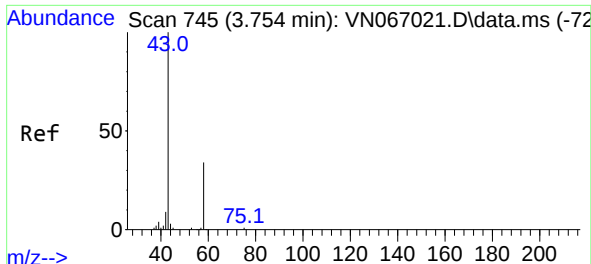
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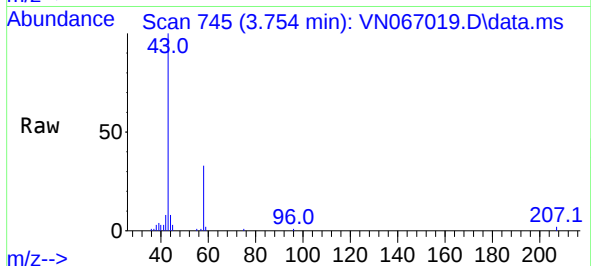
#14
Acrylonitrile
Concen: 16.79 ug/l
RT: 4.902 min Scan# 1173
Delta R.T. 0.006 min
Lab File: VN067019.D
Acq: 6 May 2021 19:12

Tgt Ion: 53 Resp: 58252
Ion Ratio Lower Upper
53 100
52 81.0 39.1 117.3
51 32.9 17.3 51.7

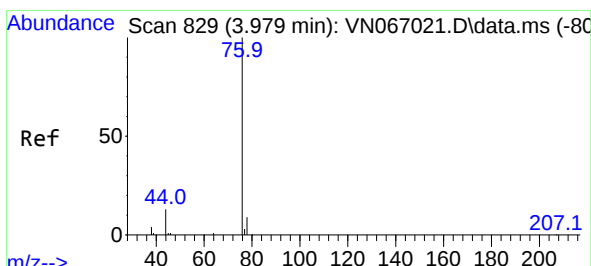
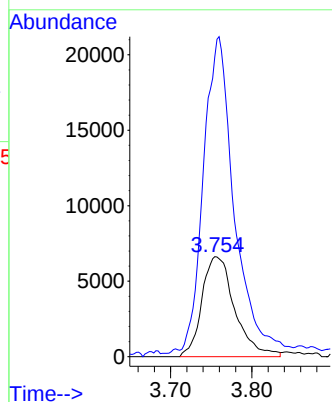
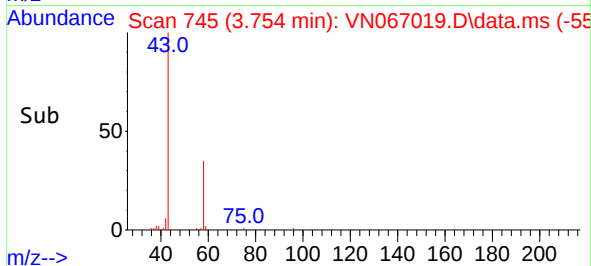




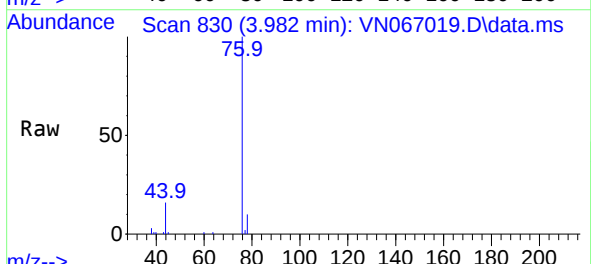
#15
Acetone
Concen: 18.68 ug/l
RT: 3.754 min Scan# 745
Delta R.T. 0.000 min
Lab File: VN067019.D
Acq: 6 May 2021 19:12



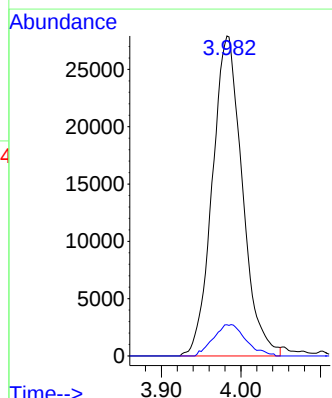
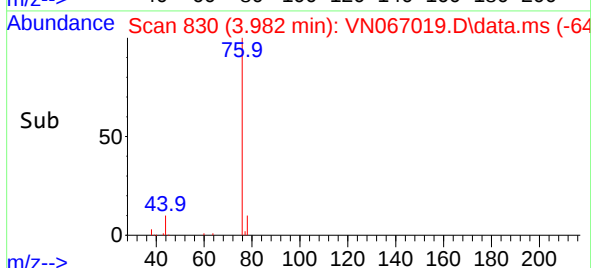
Tgt Ion: 58 Resp: 18650
Ion Ratio Lower Upper
58 100
43 293.1 235.0 352.6



#16
Carbon Disulfide
Concen: 3.54 ug/l
RT: 3.982 min Scan# 830
Delta R.T. 0.003 min
Lab File: VN067019.D
Acq: 6 May 2021 19:12



Tgt Ion: 76 Resp: 73078
Ion Ratio Lower Upper
76 100
78 9.8 7.5 11.3

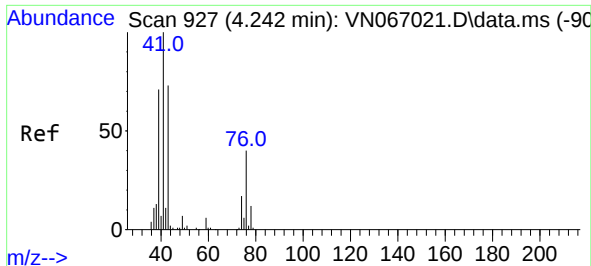


Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

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#17
 Allyl chloride
 Concen: 3.80 ug/l m
 RT: 4.250 min Scan# 930
 Delta R.T. 0.008 min
 Lab File: VN067019.D
 Acq: 6 May 2021 19:12

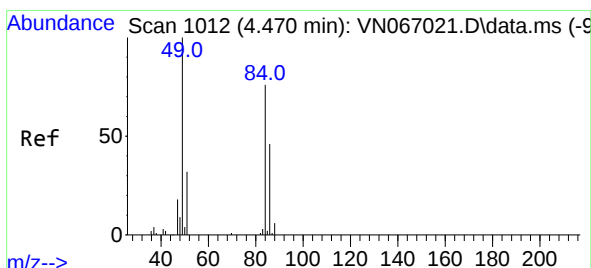
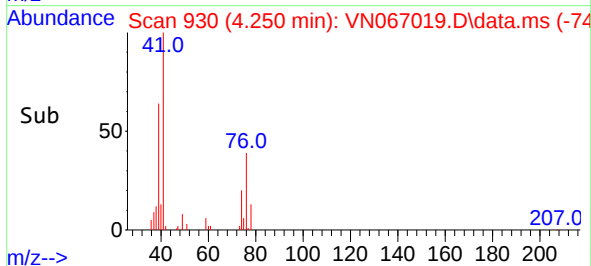
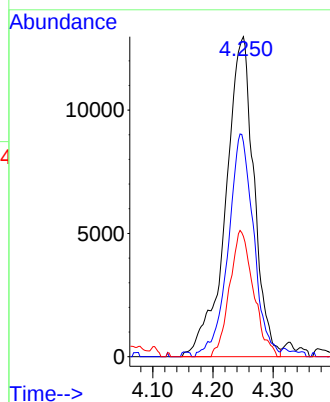
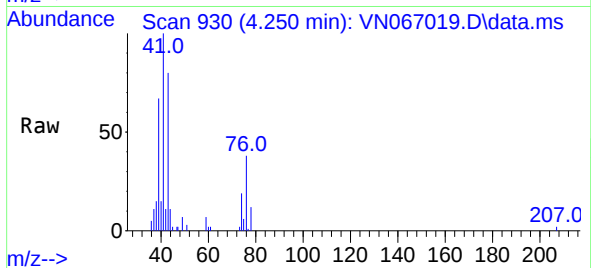
Tgt Ion:	41	Resp:	42387
Ion	Ratio	Lower	Upper
41	100		
39	67.1	33.1	99.5
76	37.6	17.9	53.8

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Manual Integrations
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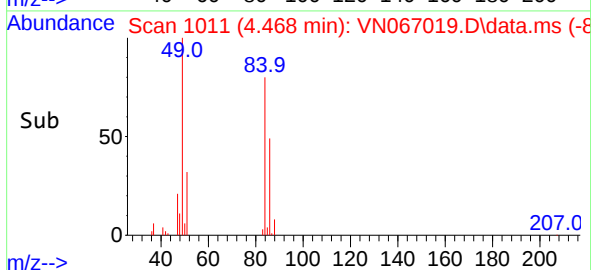
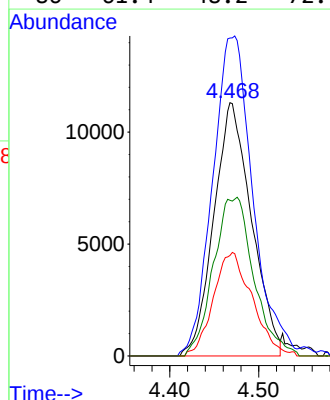
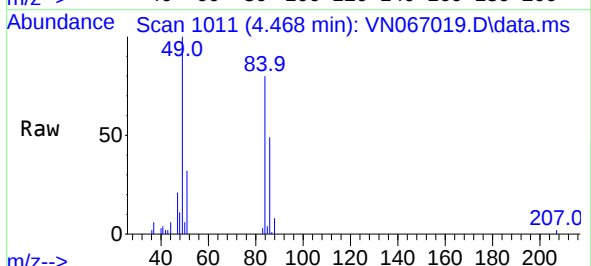
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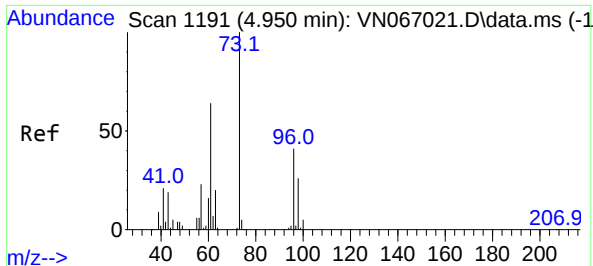
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#18
 Methylene Chloride
 Concen: 4.00 ug/l
 RT: 4.468 min Scan# 1011
 Delta R.T. -0.002 min
 Lab File: VN067019.D
 Acq: 6 May 2021 19:12

Tgt Ion:	84	Resp:	33276
Ion	Ratio	Lower	Upper
84	100		
49	123.9	105.0	157.6
51	39.7	33.3	49.9
86	61.4	48.2	72.4





#19

trans-1,2-Dichloroethene
Concen: 3.50 ug/l
RT: 4.953 min Scan# 1192
Delta R.T. 0.003 min
Lab File: VN067019.D
Acq: 6 May 2021 19:12

Tgt Ion: 96 Resp: 23822

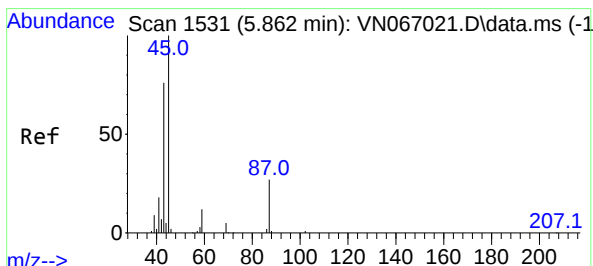
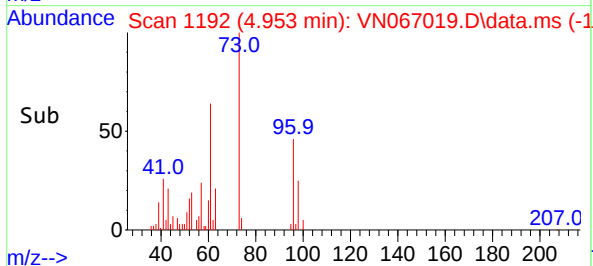
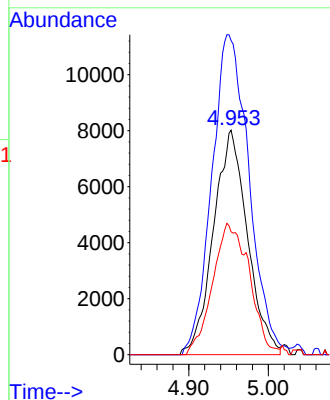
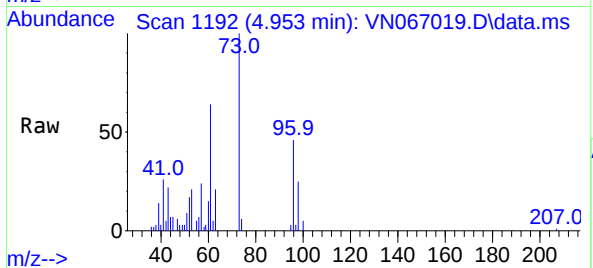
Ion	Ratio	Lower	Upper
96	100		
61	140.0	127.2	190.8
98	54.8	50.9	76.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

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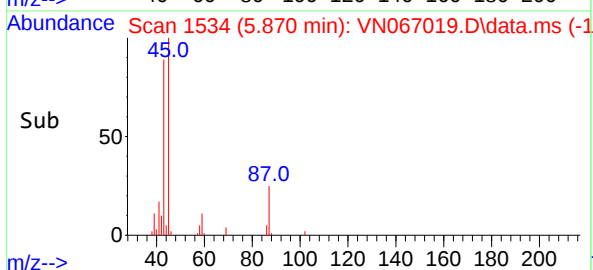
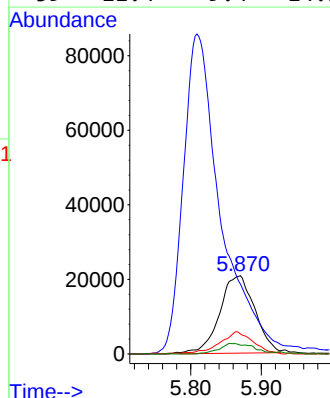
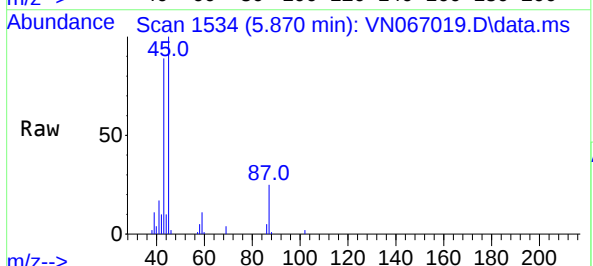


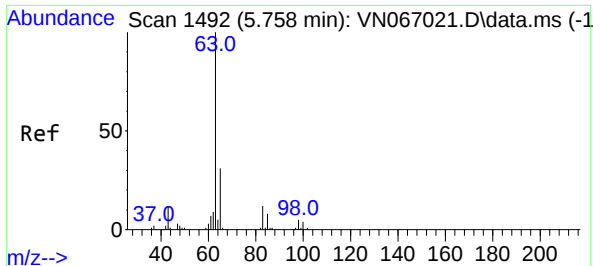
#20

Diisopropyl ether
Concen: 3.15 ug/l
RT: 5.870 min Scan# 1534
Delta R.T. 0.008 min
Lab File: VN067019.D
Acq: 6 May 2021 19:12

Tgt Ion: 45 Resp: 71445

Ion	Ratio	Lower	Upper
45	100		
43	78.0	64.3	96.5
87	25.0	22.0	33.0
59	11.4	9.4	14.2





#21

1,1-Dichloroethane
Concen: 3.59 ug/l
RT: 5.760 min Scan# 1493
Delta R.T. 0.003 min
Lab File: VN067019.D
Acq: 6 May 2021 19:12

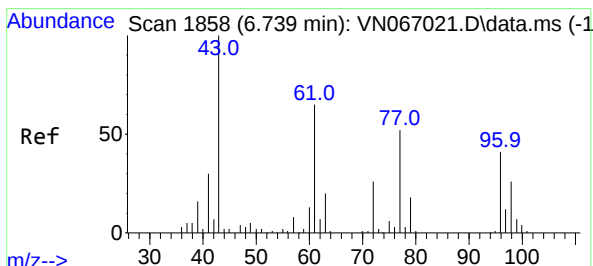
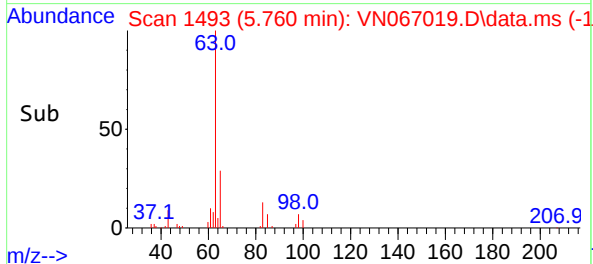
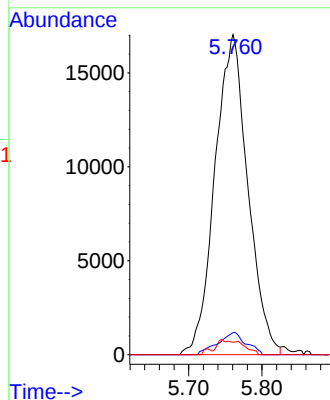
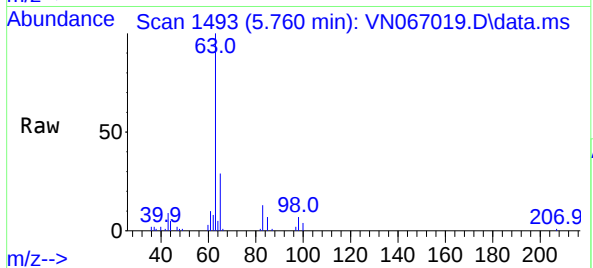
Tgt Ion:	63	Resp:	53171
Ion	Ratio	Lower	Upper
63	100		
98	6.9	2.6	8.0
100	3.9	2.0	5.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

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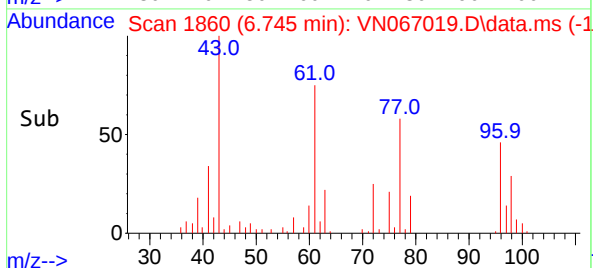
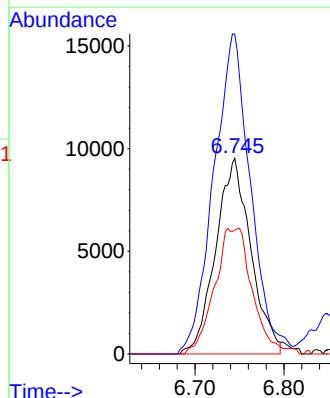
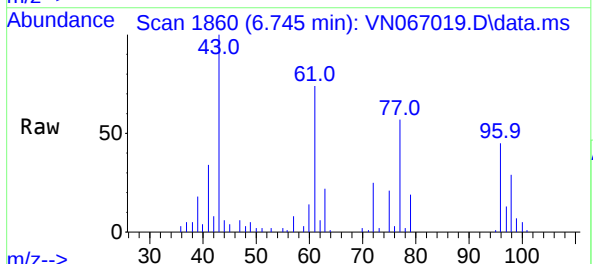
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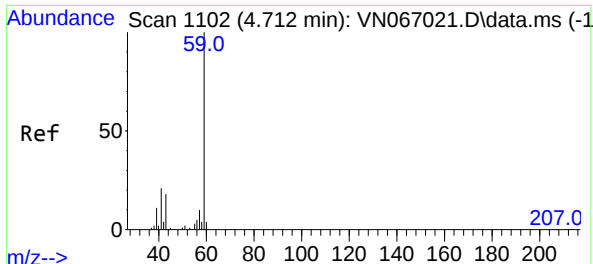


#22

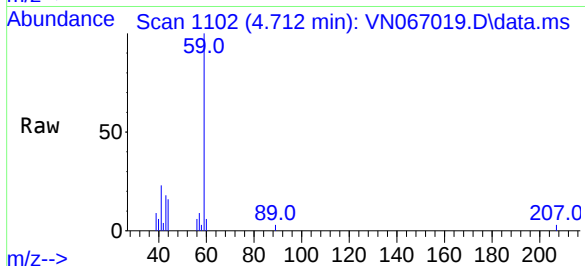
cis-1,2-Dichloroethene
Concen: 3.35 ug/l
RT: 6.745 min Scan# 1860
Delta R.T. 0.006 min
Lab File: VN067019.D
Acq: 6 May 2021 19:12

Tgt Ion:	96	Resp:	26145
Ion	Ratio	Lower	Upper
96	100		
61	171.0	129.4	194.2
98	34.1	52.0	78.0#

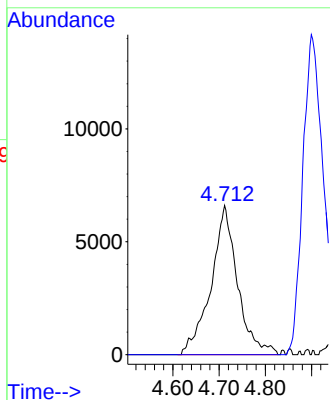




#23
tert-Butyl Alcohol
Concen: 20.02 ug/l m
RT: 4.712 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN067019.D
Acq: 6 May 2021 19:12



Tgt Ion: 59 Resp: 26350
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

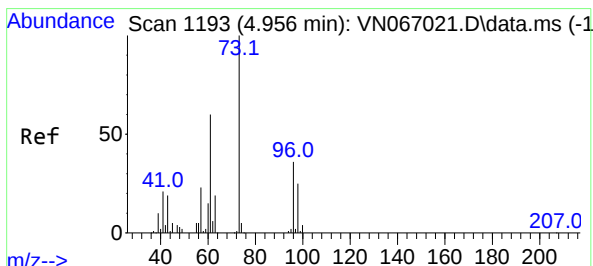


Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

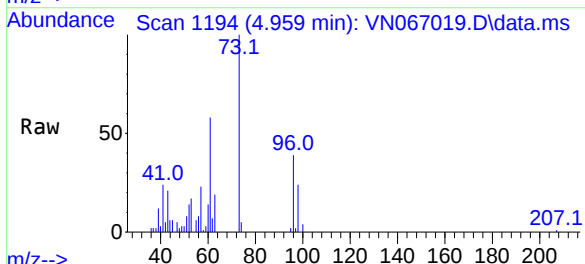
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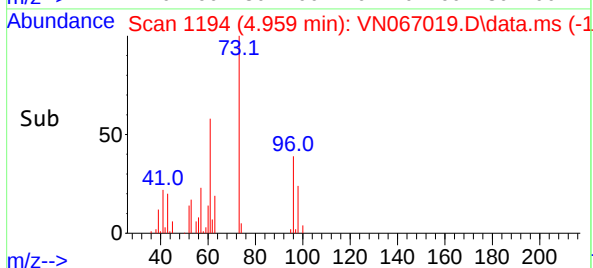
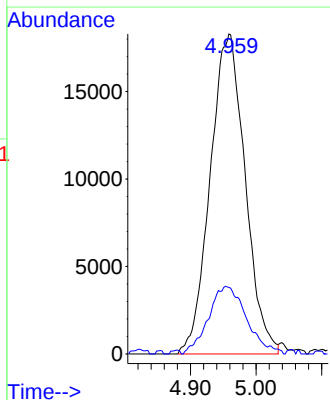
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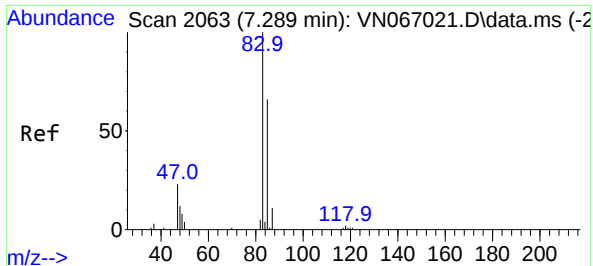


#24
Methyl tert-Butyl Ether
Concen: 3.30 ug/l
RT: 4.959 min Scan# 1194
Delta R.T. 0.003 min
Lab File: VN067019.D
Acq: 6 May 2021 19:12



Tgt Ion: 73 Resp: 67683
Ion Ratio Lower Upper
73 100
43 8.0 16.2 24.4#





#25
Chloroform
Concen: 3.73 ug/l
RT: 7.295 min Scan# 2065
Delta R.T. 0.006 min
Lab File: VN067019.D
Acq: 6 May 2021 19:12

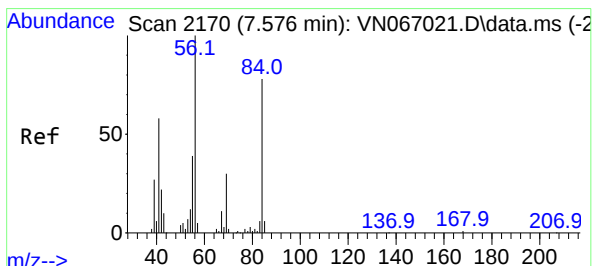
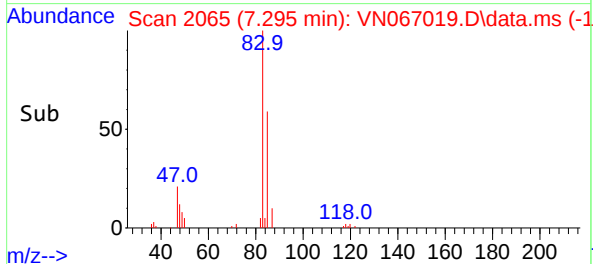
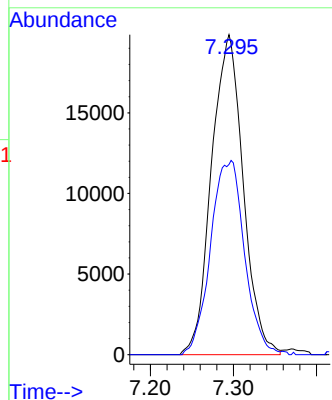
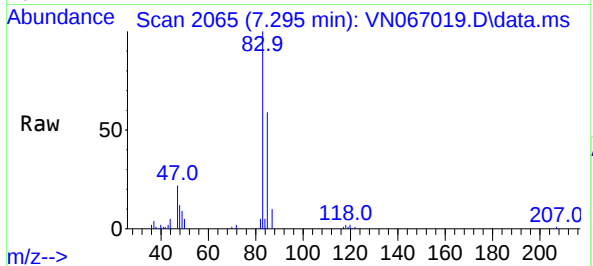
Tgt Ion: 83 Resp: 52645
Ion Ratio Lower Upper
83 100
85 59.5 53.0 79.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Manual Integrations
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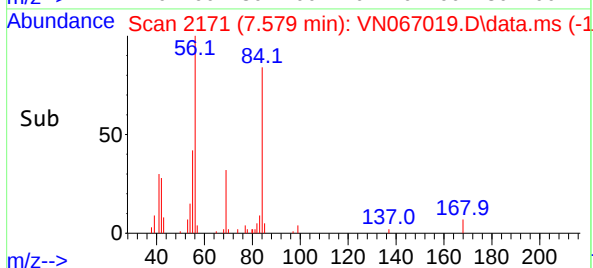
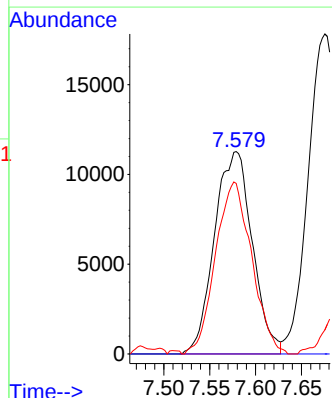
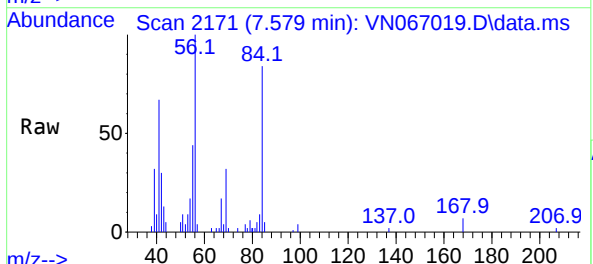
MMDadoda

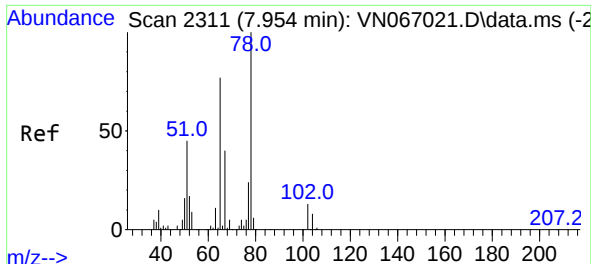
5/7/2021 6:23:24 PM



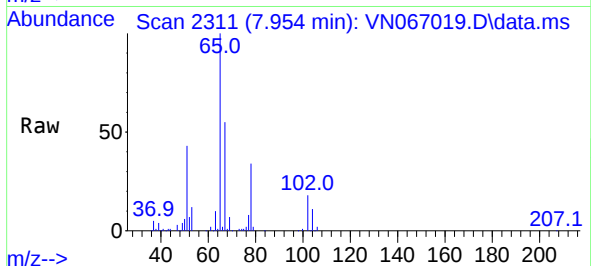
#26
Cyclohexane
Concen: 3.16 ug/l m
RT: 7.579 min Scan# 2171
Delta R.T. 0.003 min
Lab File: VN067019.D
Acq: 6 May 2021 19:12

Tgt Ion: 56 Resp: 32331
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 15.4 64.2 96.2#

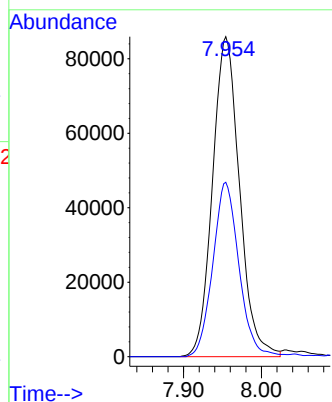




#27
1,2-Dichloroethane-d4
Concen: 13.17 ug/l
RT: 7.954 min Scan# 2311
Delta R.T. 0.000 min
Lab File: VN067019.D
Acq: 6 May 2021 19:12



Tgt Ion: 65 Resp: 206813
Ion Ratio Lower Upper
65 100
67 52.6 41.6 62.4

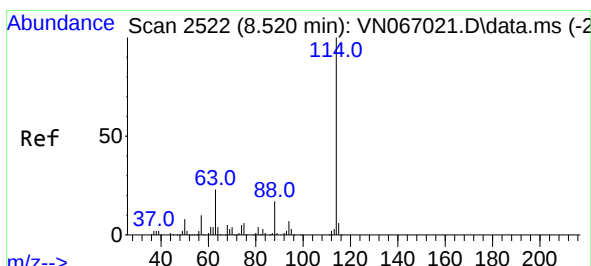
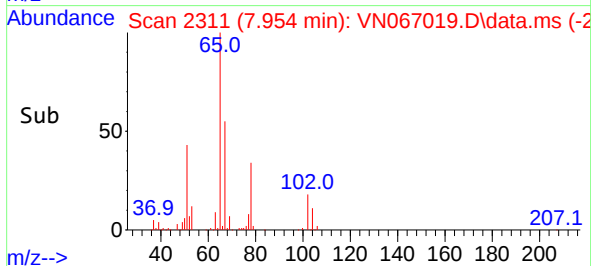


Instrument :
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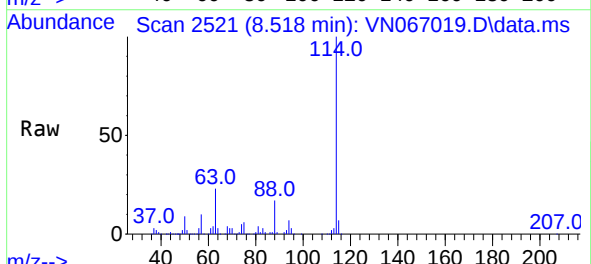
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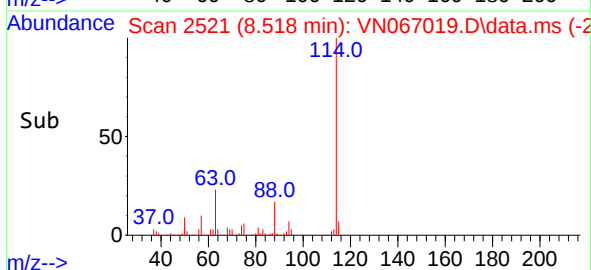
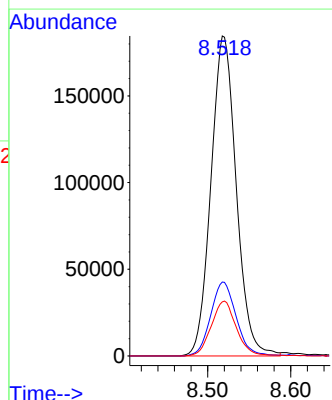
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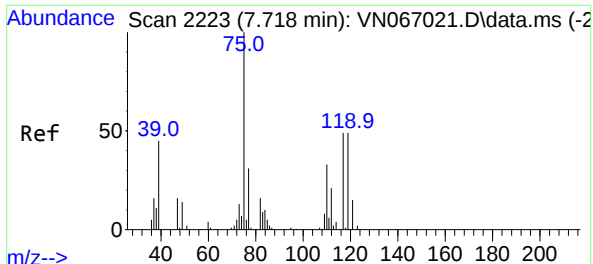


#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 8.518 min Scan# 2521
Delta R.T. -0.002 min
Lab File: VN067019.D
Acq: 6 May 2021 19:12



Tgt Ion: 114 Resp: 391005
Ion Ratio Lower Upper
114 100
63 23.3 18.8 28.2
88 17.1 13.8 20.6





#29
1,1-Dichloropropene
Concen: 3.15 ug/l
RT: 7.718 min Scan# 2223
Delta R.T. 0.000 min
Lab File: VN067019.D
Acq: 6 May 2021 19:12

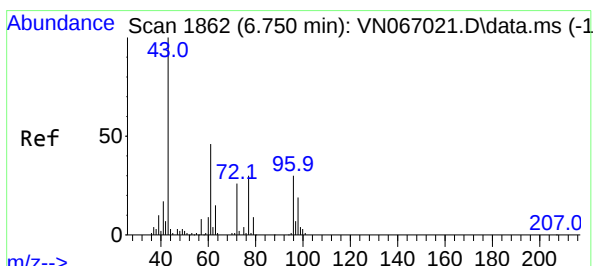
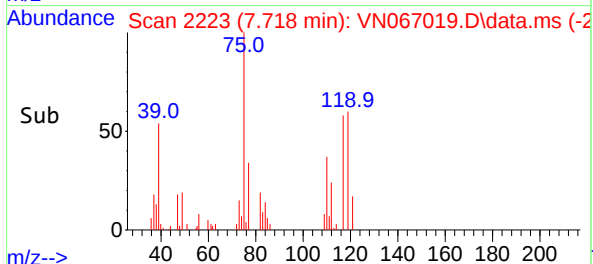
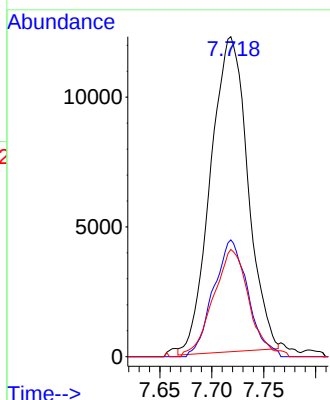
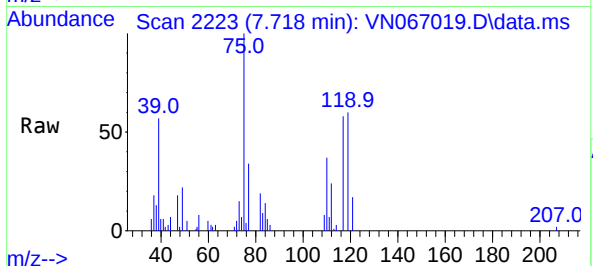
Tgt Ion: 75	Resp: 30234
Ion Ratio	Lower Upper
75 100	
110 34.4	0.0 65.6
77 32.3	0.0 60.2

Instrument :
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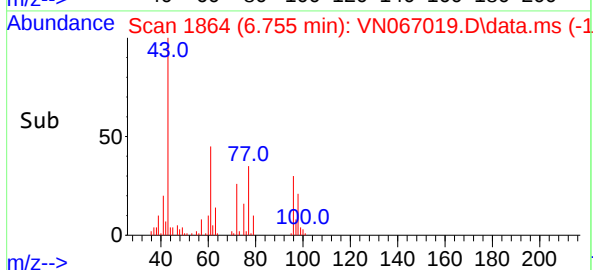
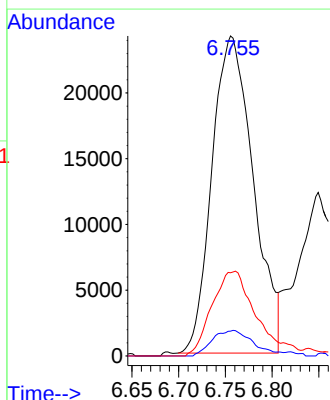
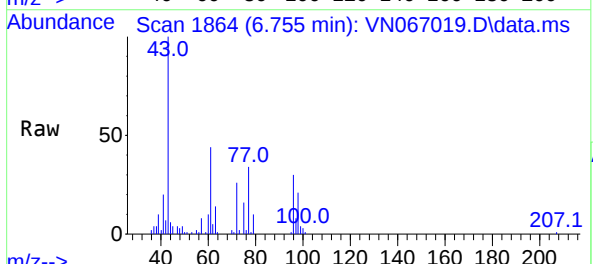
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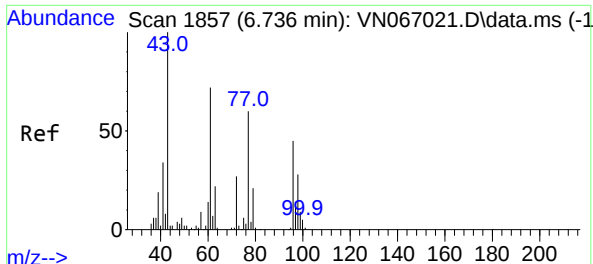
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#30
2-Butanone
Concen: 16.44 ug/l
RT: 6.755 min Scan# 1864
Delta R.T. 0.006 min
Lab File: VN067019.D
Acq: 6 May 2021 19:12

Tgt Ion: 43	Resp: 74240
Ion Ratio	Lower Upper
43 100	
57 2.6	6.5 9.7#
72 12.6	21.2 31.8#





#31
2,2-Dichloropropane
Concen: 3.83 ug/l
RT: 6.734 min Scan# 1856
Delta R.T. -0.002 min
Lab File: VN067019.D
Acq: 6 May 2021 19:12

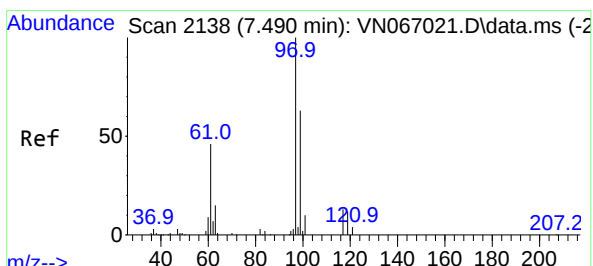
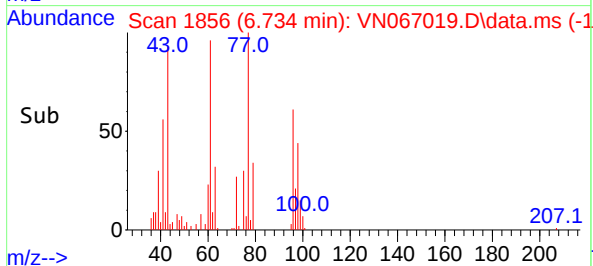
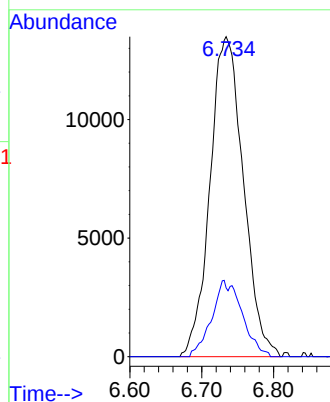
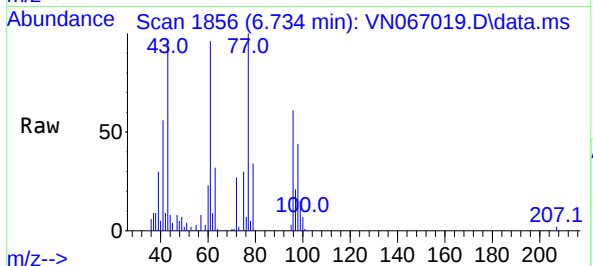
Tgt Ion: 77 Resp: 43470
Ion Ratio Lower Upper
77 100
97 11.7 17.4 26.2#

Instrument :
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ClientSampleId :
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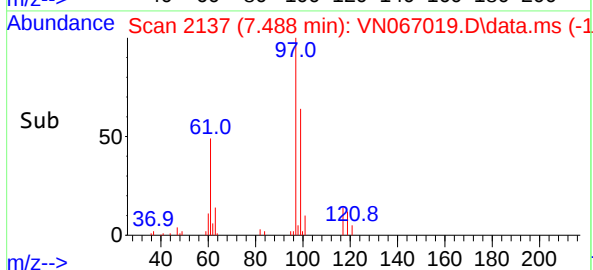
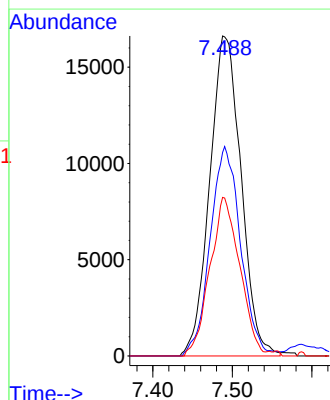
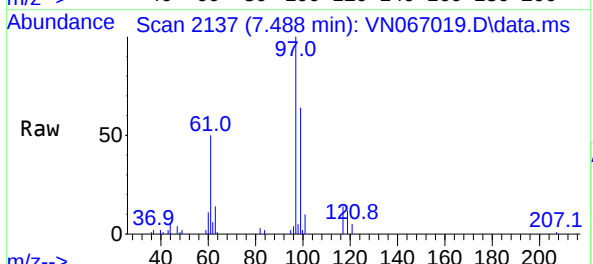
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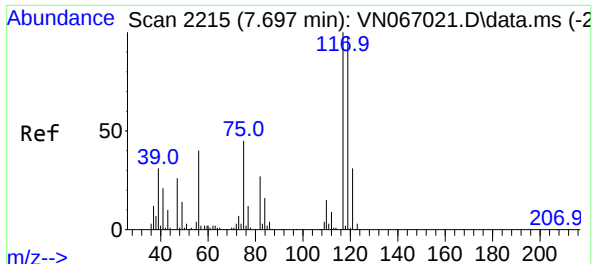
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#32
1,1,1-Trichloroethane
Concen: 3.68 ug/l
RT: 7.488 min Scan# 2137
Delta R.T. -0.002 min
Lab File: VN067019.D
Acq: 6 May 2021 19:12

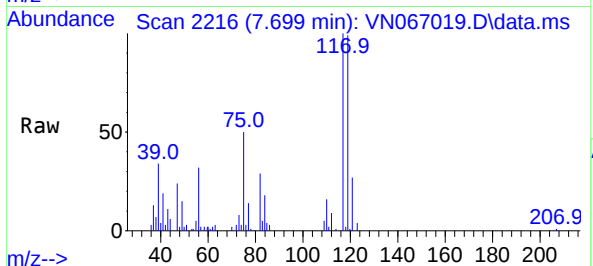
Tgt Ion: 97 Resp: 45560
Ion Ratio Lower Upper
97 100
99 63.7 50.6 75.8
61 47.2 36.6 55.0





#33
Carbon Tetrachloride
Concen: 3.66 ug/l
RT: 7.699 min Scan# 2216
Delta R.T. 0.003 min
Lab File: VN067019.D
Acq: 6 May 2021 19:12

Instrument :
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ClientSampleId :
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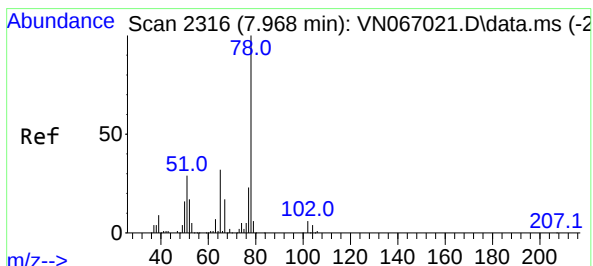
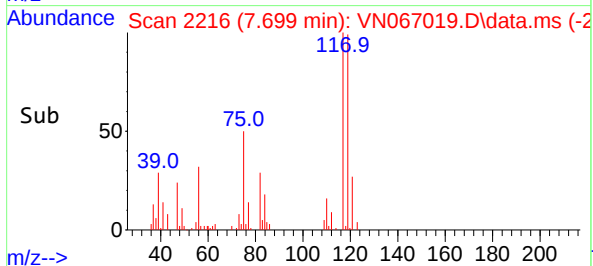
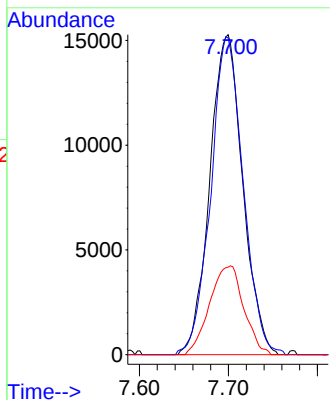


Tgt Ion:117 Resp: 39352
Ion Ratio Lower Upper
117 100
119 97.8 78.0 117.0
121 27.4 24.8 37.2

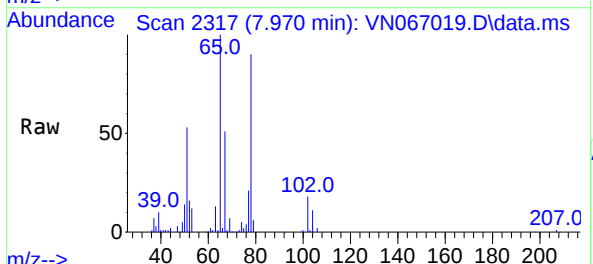
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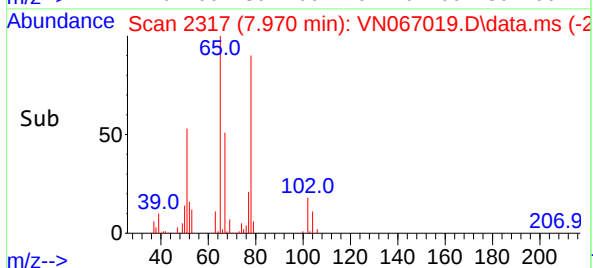
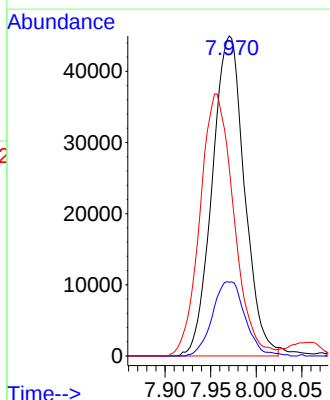
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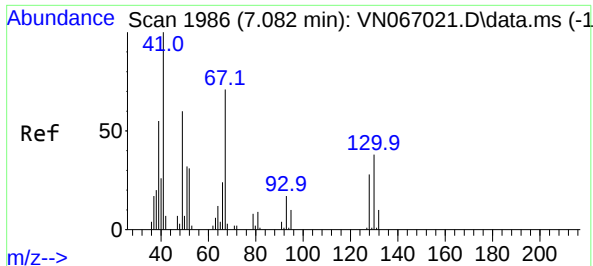


#34
Benzene
Concen: 3.57 ug/l
RT: 7.970 min Scan# 2317
Delta R.T. 0.003 min
Lab File: VN067019.D
Acq: 6 May 2021 19:12



Tgt Ion: 78 Resp: 110442
Ion Ratio Lower Upper
78 100
77 23.1 18.6 27.8
51 56.9 23.4 35.0#





#35
Methacrylonitrile
Concen: 4.36 ug/l m
RT: 7.107 min Scan# 1995
Delta R.T. 0.024 min
Lab File: VN067019.D
Acq: 6 May 2021 19:12

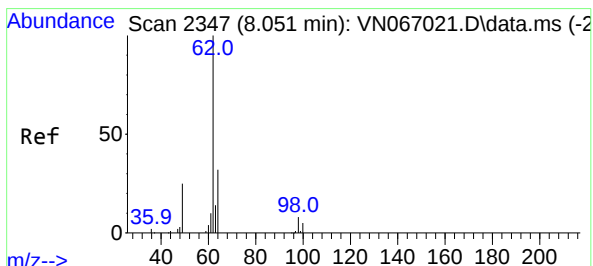
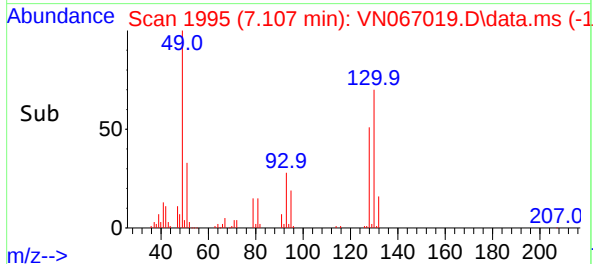
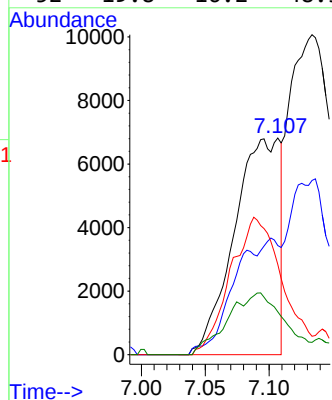
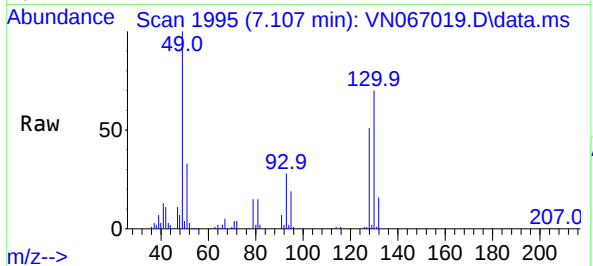
Tgt Ion:	41	Resp:	17055
Ion	Ratio	Lower	Upper
41	100		
39	50.4	27.6	82.8
67	41.7	35.5	106.5
52	19.8	16.2	48.5

Instrument :
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ClientSampleId :
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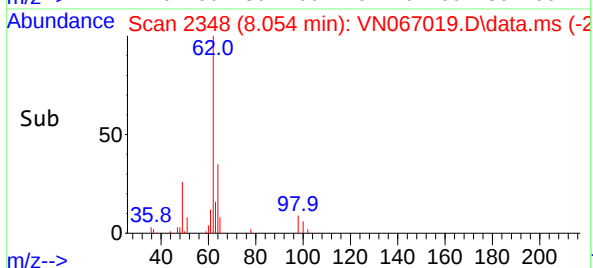
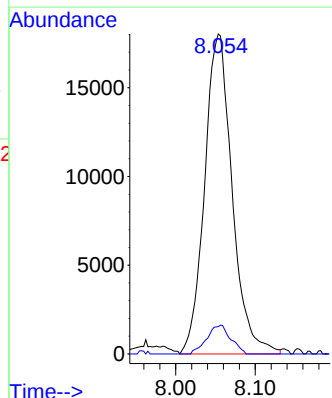
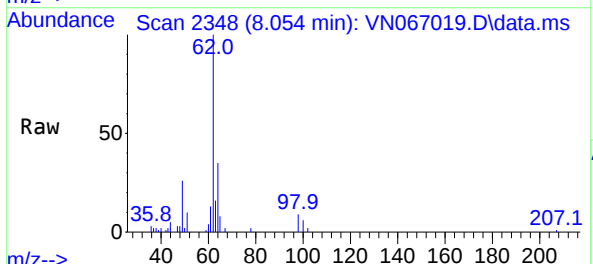
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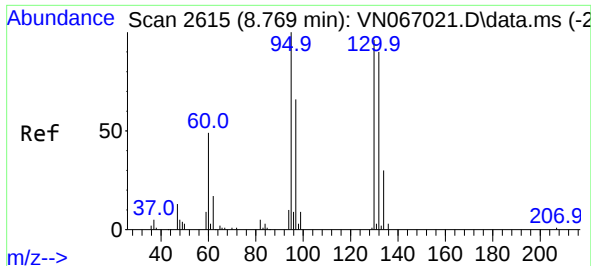
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#36
1,2-Dichloroethane
Concen: 3.76 ug/l
RT: 8.054 min Scan# 2348
Delta R.T. 0.003 min
Lab File: VN067019.D
Acq: 6 May 2021 19:12

Tgt Ion:	62	Resp:	43445
Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.5	9.7#





#37
Trichloroethene
Concen: 3.56 ug/l
RT: 8.770 min Scan# 2615
Delta R.T. 0.000 min
Lab File: VN067019.D
Acq: 6 May 2021 19:12

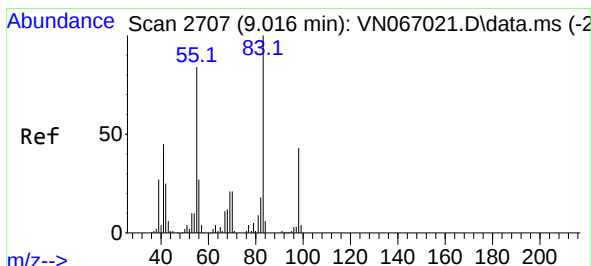
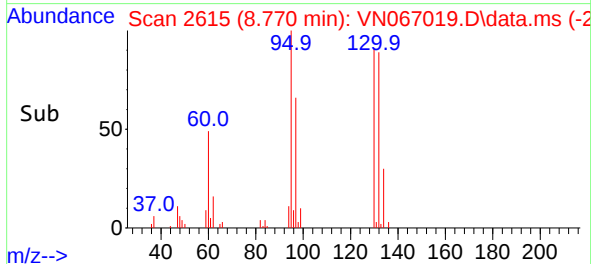
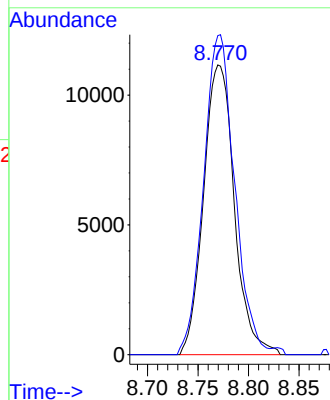
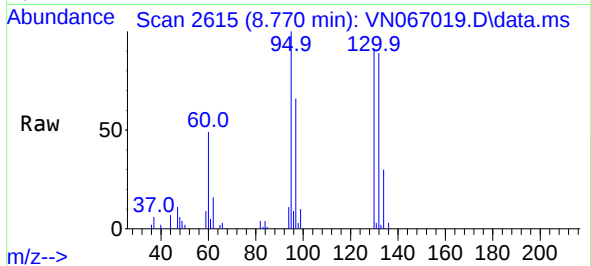
Tgt Ion: 130 Resp: 23734
Ion Ratio Lower Upper
130 100
95 107.9 83.5 125.3

Instrument :
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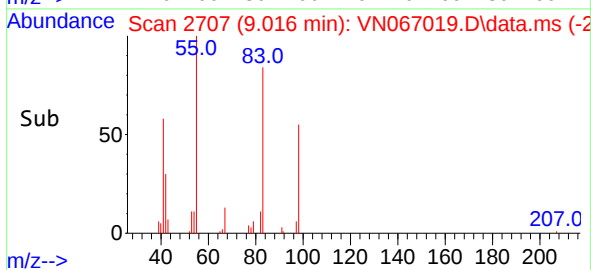
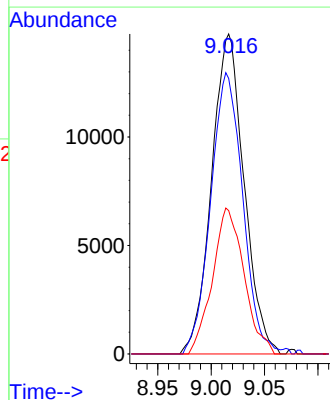
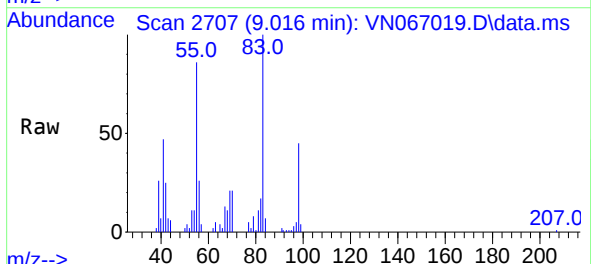
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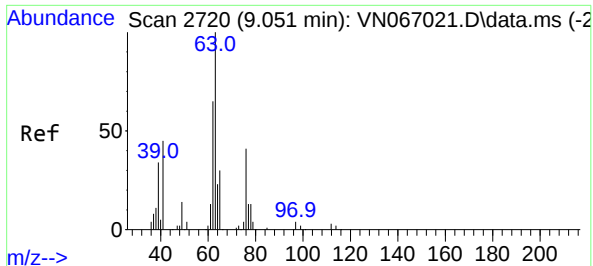
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#38
Methylcyclohexane
Concen: 3.37 ug/l
RT: 9.016 min Scan# 2707
Delta R.T. 0.000 min
Lab File: VN067019.D
Acq: 6 May 2021 19:12

Tgt Ion: 83 Resp: 31155
Ion Ratio Lower Upper
83 100
55 86.9 43.1 129.3
98 44.3 22.0 66.0





#39

1,2-Dichloropropane
Concen: 3.62 ug/l
RT: 9.051 min Scan# 2720
Delta R.T. 0.000 min
Lab File: VN067019.D
Acq: 6 May 2021 19:12

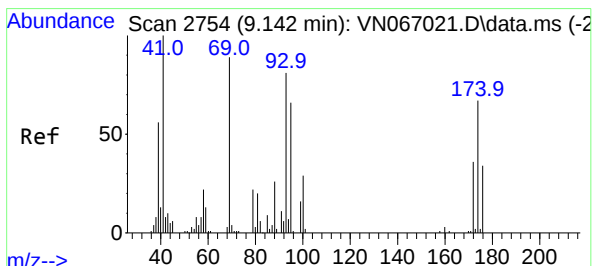
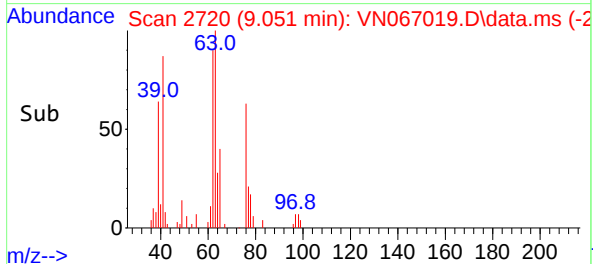
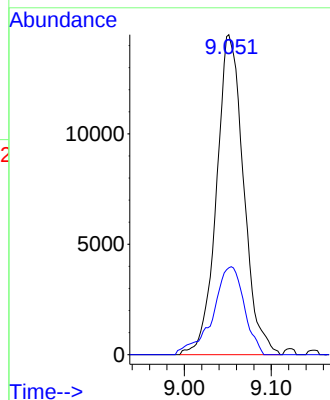
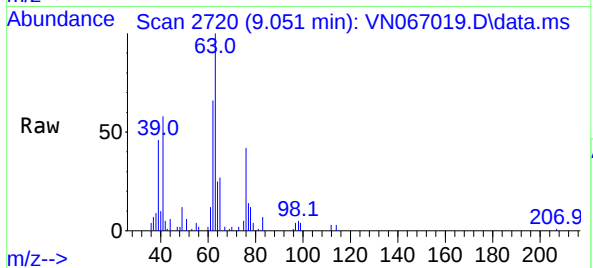
Tgt Ion: 63 Resp: 31342
Ion Ratio Lower Upper
63 100
65 27.2 24.7 37.1

Instrument :
MSVOA_N
ClientSampleId :
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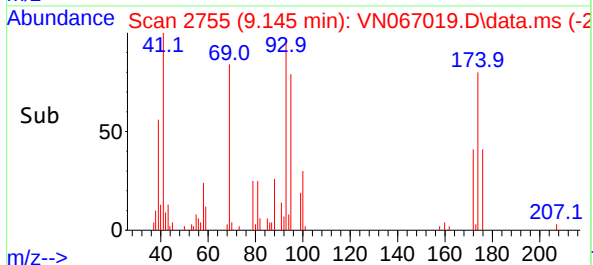
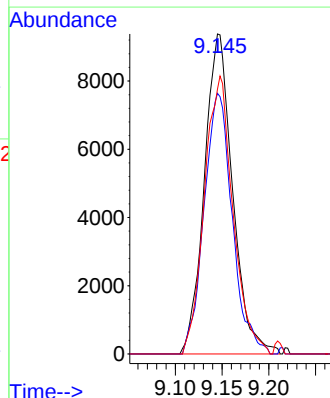
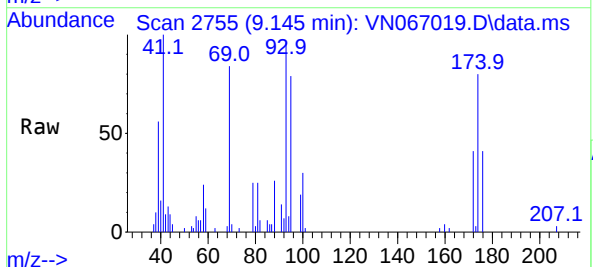
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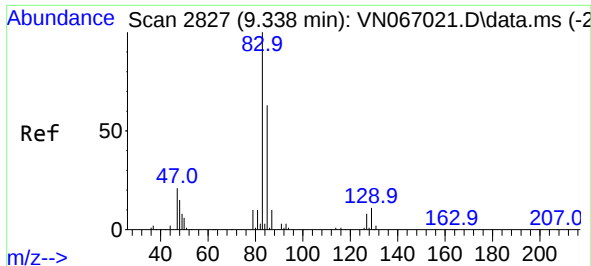


#40

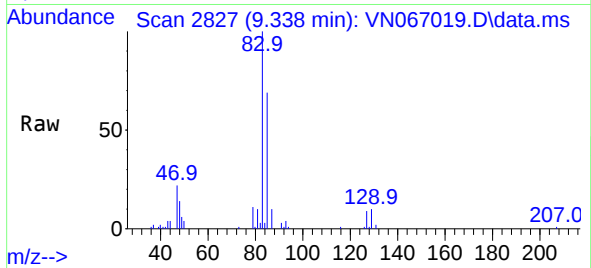
Dibromomethane
Concen: 3.77 ug/l
RT: 9.145 min Scan# 2755
Delta R.T. 0.003 min
Lab File: VN067019.D
Acq: 6 May 2021 19:12

Tgt Ion: 93 Resp: 19733
Ion Ratio Lower Upper
93 100
95 81.4 0.0 166.4
174 88.0 0.0 175.8

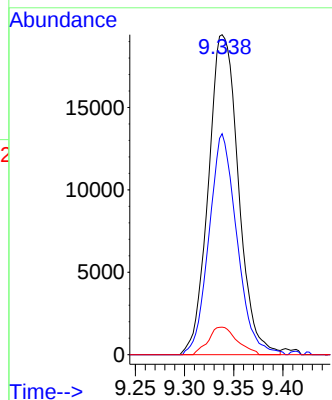




#41
Bromodichloromethane
Concen: 3.78 ug/l
RT: 9.338 min Scan# 2827
Delta R.T. 0.000 min
Lab File: VN067019.D
Acq: 6 May 2021 19:12



Tgt Ion: 83 Resp: 41320
Ion Ratio Lower Upper
83 100
85 69.1 50.0 75.0
127 8.6 6.5 9.7

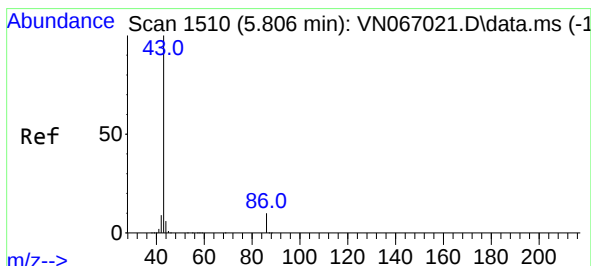
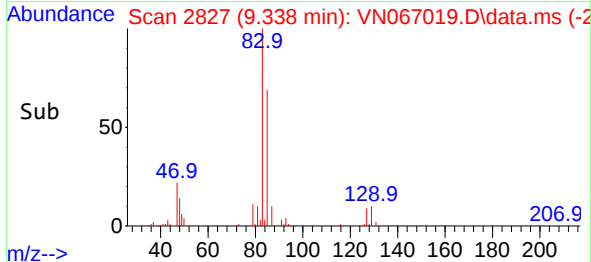


Instrument :
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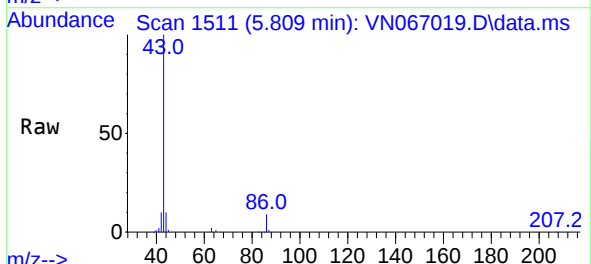
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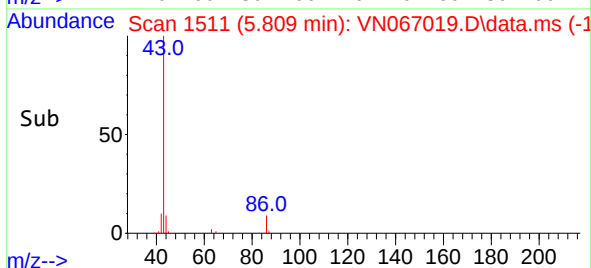
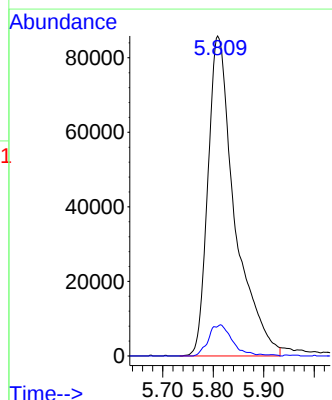
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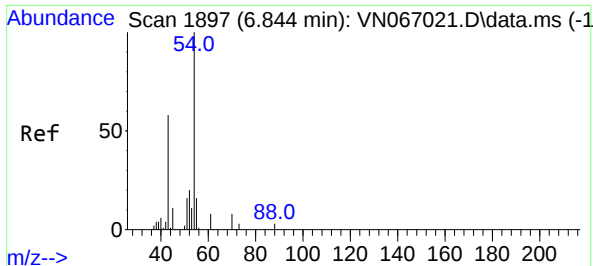


#42
Vinyl Acetate
Concen: 16.00 ug/l m
RT: 5.809 min Scan# 1511
Delta R.T. 0.003 min
Lab File: VN067019.D
Acq: 6 May 2021 19:12



Tgt Ion: 43 Resp: 317069
Ion Ratio Lower Upper
43 100
86 0.0 6.8 10.2#





#43
Ethyl Acetate
Concen: 4.45 ug/l m
RT: 6.849 min Scan# 1899
Delta R.T. 0.006 min
Lab File: VN067019.D
Acq: 6 May 2021 19:12

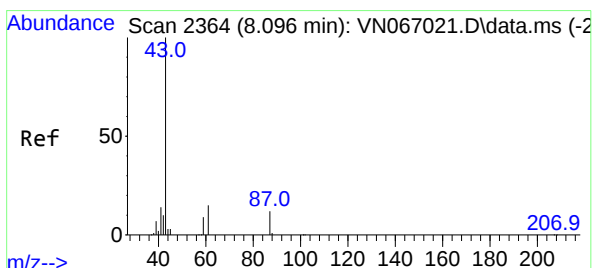
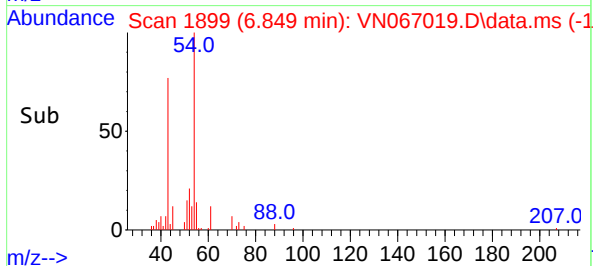
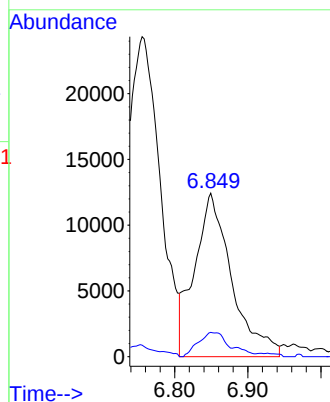
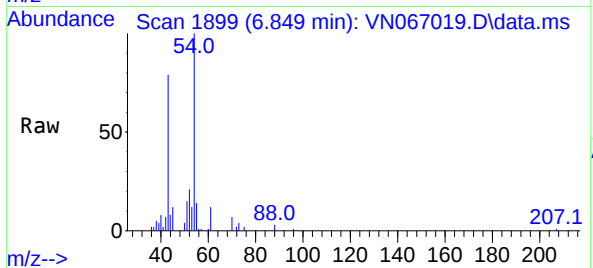
Tgt Ion: 43 Resp: 43875
Ion Ratio Lower Upper
43 100
45 6.7 9.9 14.9#

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

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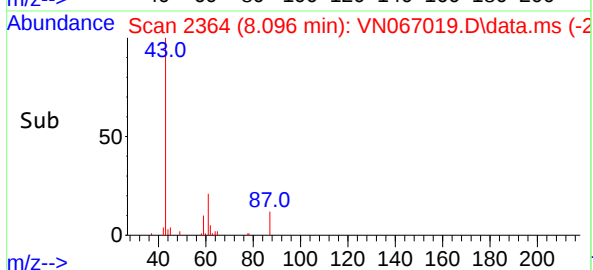
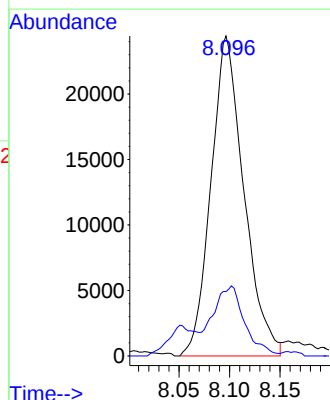
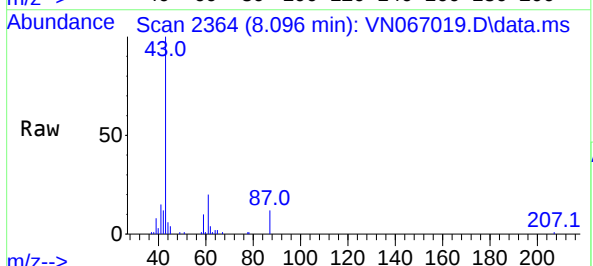
MMDadoda

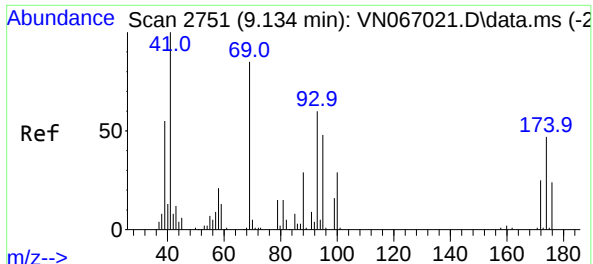
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#44
Isopropyl Acetate
Concen: 3.44 ug/l
RT: 8.096 min Scan# 2364
Delta R.T. 0.000 min
Lab File: VN067019.D
Acq: 6 May 2021 19:12

Tgt Ion: 43 Resp: 55190
Ion Ratio Lower Upper
43 100
61 15.7 15.8 23.6#





#45
1,4-Dioxane
Concen: 61.43 ug/l
RT: 9.140 min Scan# 2753
Delta R.T. 0.006 min
Lab File: VN067019.D
Acq: 6 May 2021 19:12

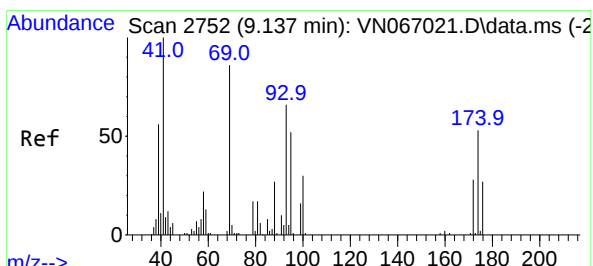
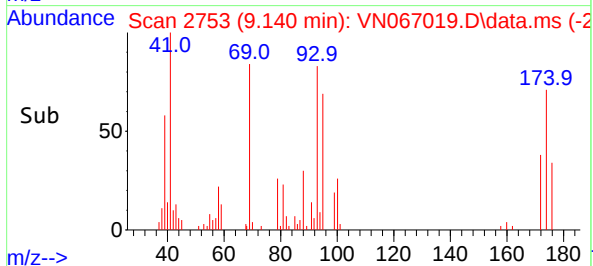
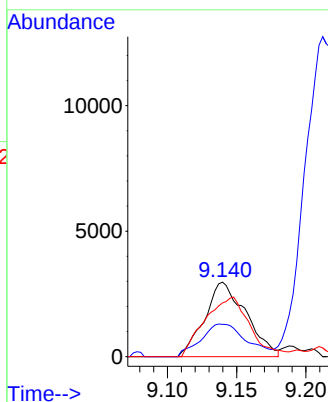
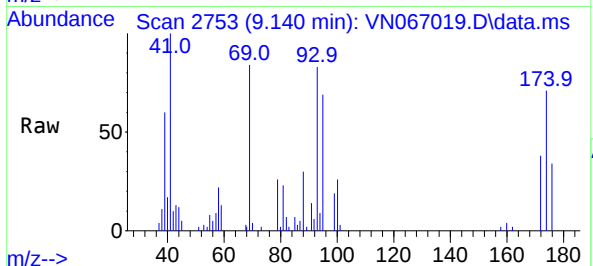
Tgt Ion: 88 Resp: 6175
Ion Ratio Lower Upper
88 100
43 47.7 28.0 42.0#
58 87.0 62.8 94.2

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

Manual Integrations
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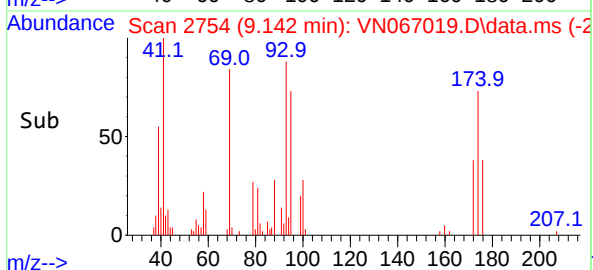
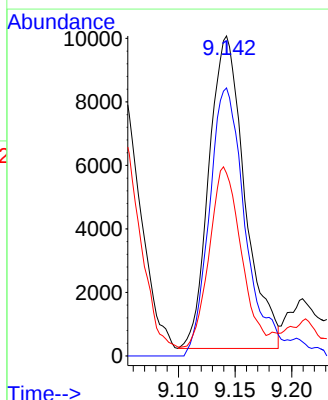
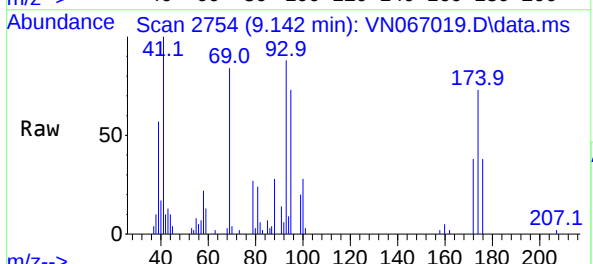
MMDadoda

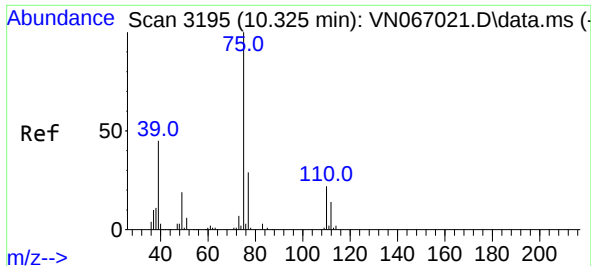
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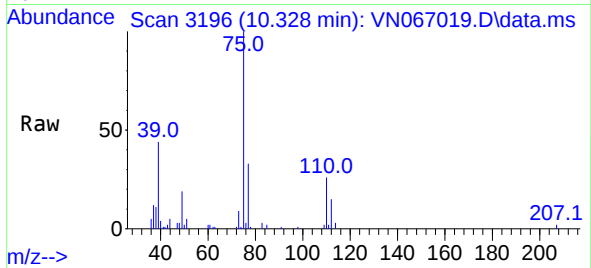
#46
Methyl methacrylate
Concen: 3.26 ug/l
RT: 9.142 min Scan# 2754
Delta R.T. 0.006 min
Lab File: VN067019.D
Acq: 6 May 2021 19:12

Tgt Ion: 41 Resp: 21585
Ion Ratio Lower Upper
41 100
69 85.8 42.7 128.1
39 55.6 28.1 84.2

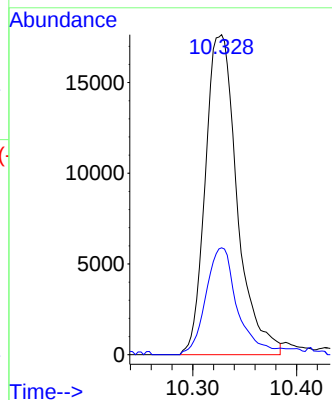




#48
 t-1,3-Dichloropropene
 Concen: 3.33 ug/l
 RT: 10.328 min Scan# 3196
 Delta R.T. 0.003 min
 Lab File: VN067019.D
 Acq: 6 May 2021 19:12



Tgt Ion: 75 Resp: 37519
 Ion Ratio Lower Upper
 75 100
 77 33.4 23.0 34.6

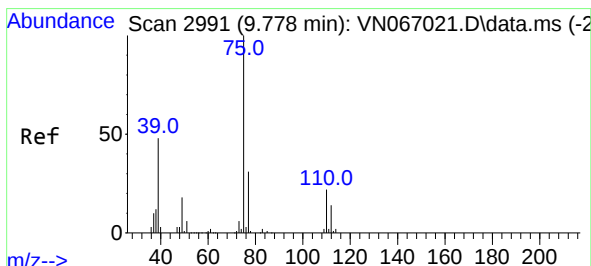
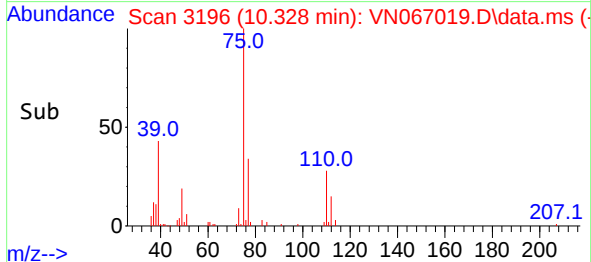


Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

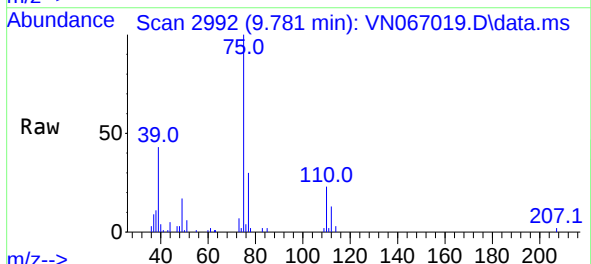
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MMDadoda

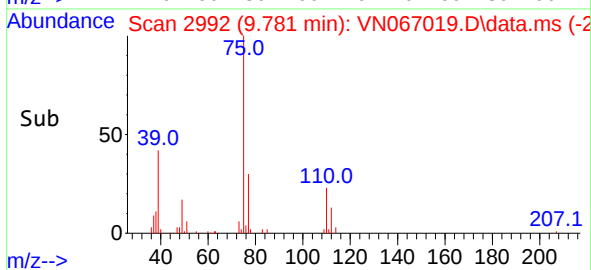
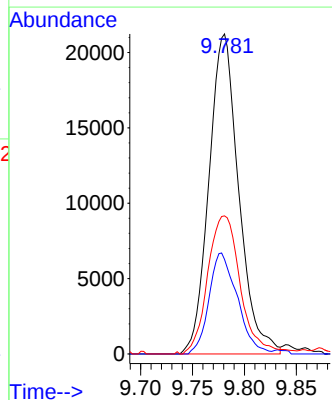
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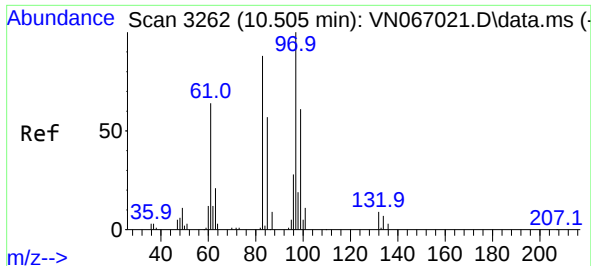


#49
 cis-1,3-Dichloropropene
 Concen: 3.39 ug/l
 RT: 9.781 min Scan# 2992
 Delta R.T. 0.003 min
 Lab File: VN067019.D
 Acq: 6 May 2021 19:12



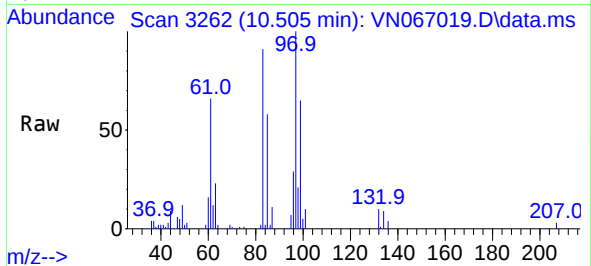
Tgt Ion: 75 Resp: 42380
 Ion Ratio Lower Upper
 75 100
 77 29.5 25.0 37.4
 39 43.1 38.2 57.2





#50
1,1,2-Trichloroethane
Concen: 3.61 ug/l
RT: 10.505 min Scan# 3262
Delta R.T. 0.000 min
Lab File: VN067019.D
Acq: 6 May 2021 19:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

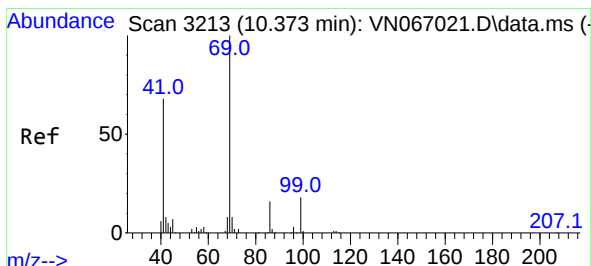
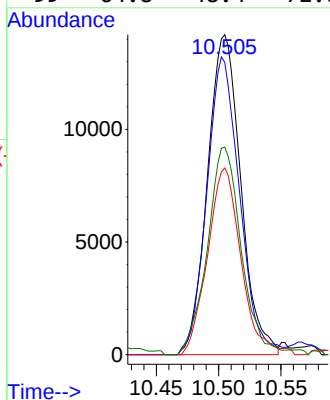


Tgt Ion:	97	Resp:	26405
Ion	Ratio	Lower	Upper
97	100		
83	91.3	70.6	106.0
85	58.3	45.6	68.4
99	64.8	48.4	72.6

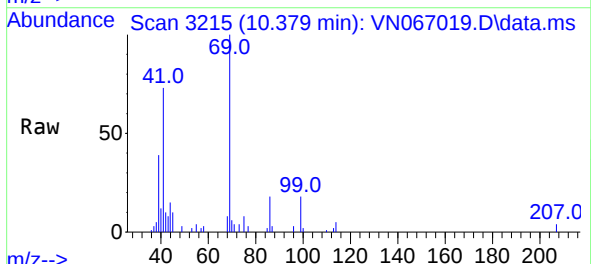
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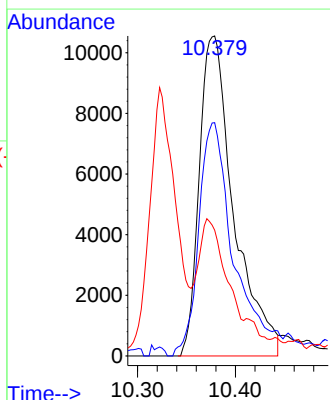
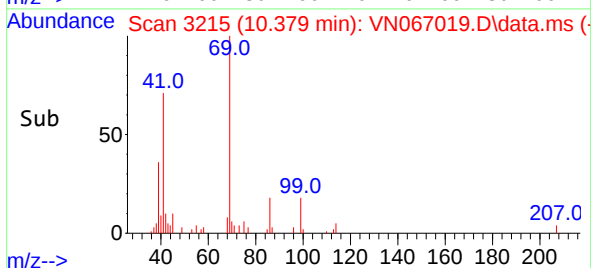
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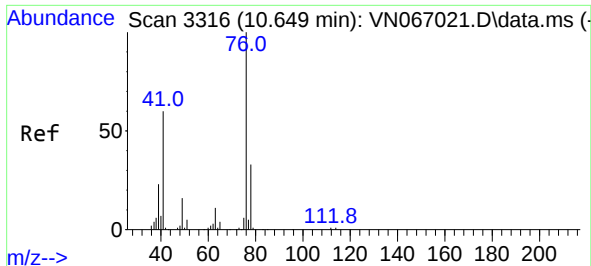


#51
Ethyl methacrylate
Concen: 2.80 ug/l m
RT: 10.379 min Scan# 3215
Delta R.T. 0.006 min
Lab File: VN067019.D
Acq: 6 May 2021 19:12



Tgt Ion:	69	Resp:	25870
Ion	Ratio	Lower	Upper
69	100		
41	72.9	33.9	101.7
39	39.3	17.3	51.9





#52
1,3-Dichloropropane
Concen: 3.56 ug/l
RT: 10.650 min Scan# 3316
Delta R.T. 0.000 min
Lab File: VN067019.D
Acq: 6 May 2021 19:12

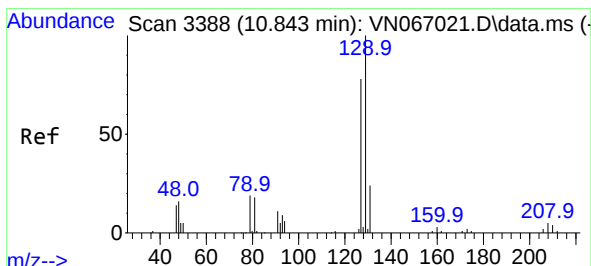
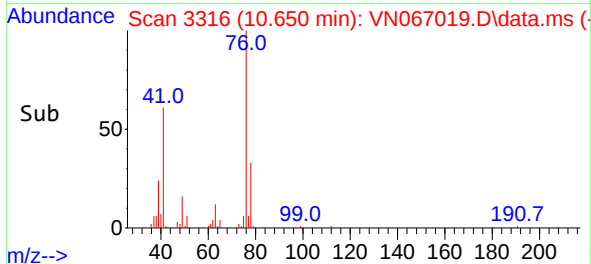
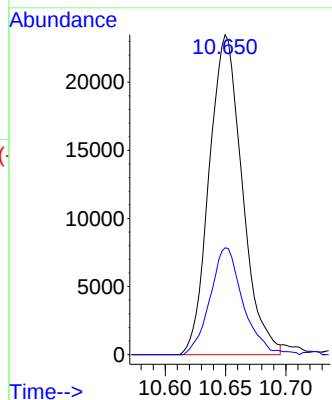
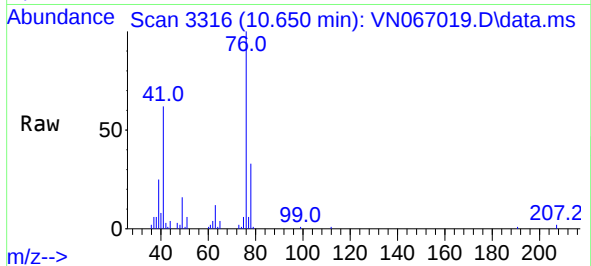
Tgt Ion: 76 Resp: 44748
Ion Ratio Lower Upper
76 100
78 32.9 0.0 64.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

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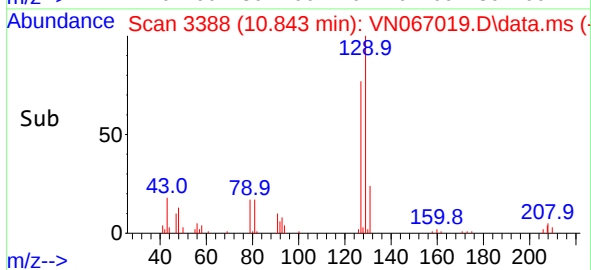
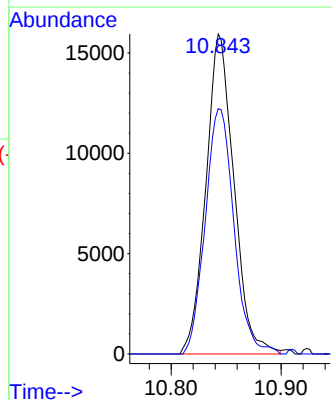
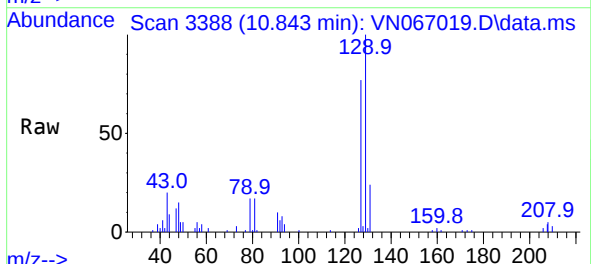
MMDadoda

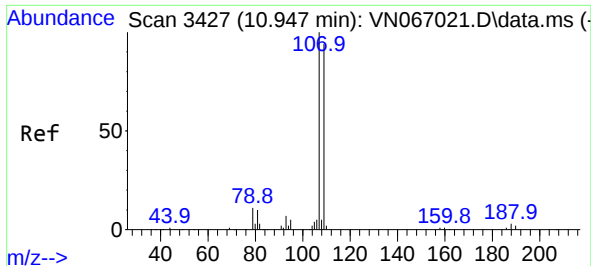
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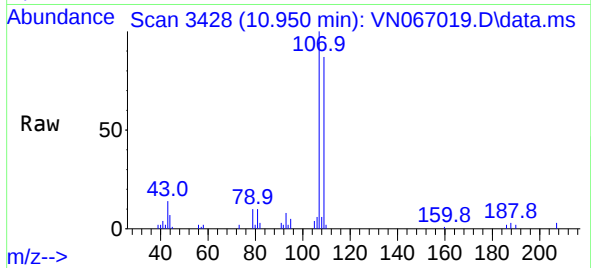
#53
Dibromochloromethane
Concen: 3.53 ug/l
RT: 10.843 min Scan# 3388
Delta R.T. 0.000 min
Lab File: VN067019.D
Acq: 6 May 2021 19:12

Tgt Ion: 129 Resp: 28231
Ion Ratio Lower Upper
129 100
127 77.7 38.6 115.8

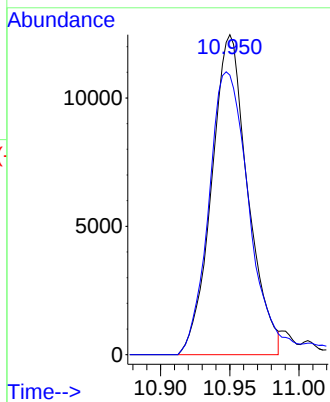
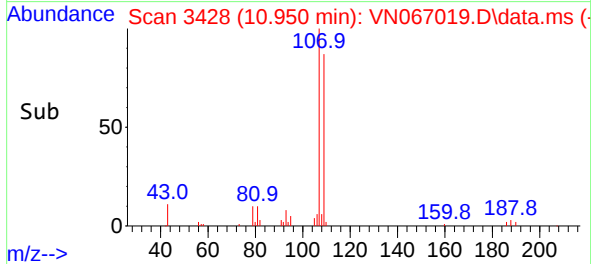




#54
1,2-Dibromoethane
Concen: 3.22 ug/l
RT: 10.950 min Scan# 3428
Delta R.T. 0.003 min
Lab File: VN067019.D
Acq: 6 May 2021 19:12



Tgt Ion: 107 Resp: 22698
Ion Ratio Lower Upper
107 100
109 98.8 75.0 112.6

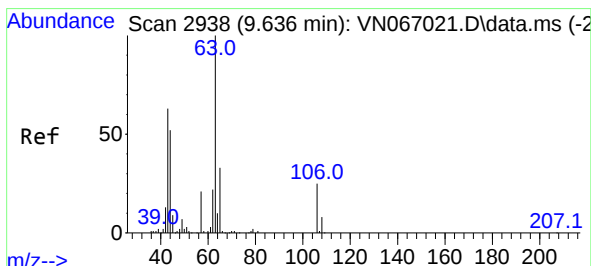


Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

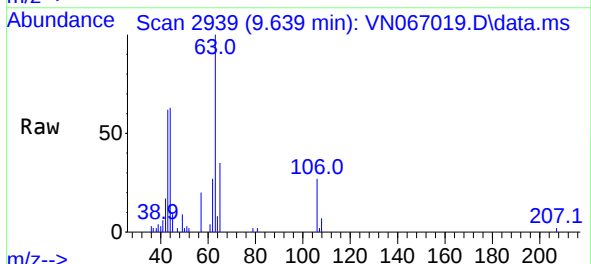
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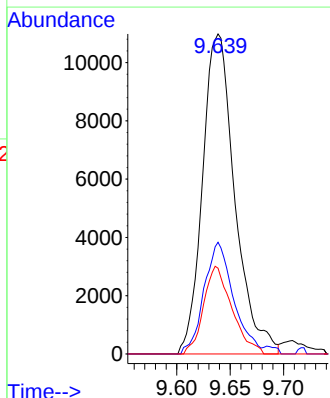
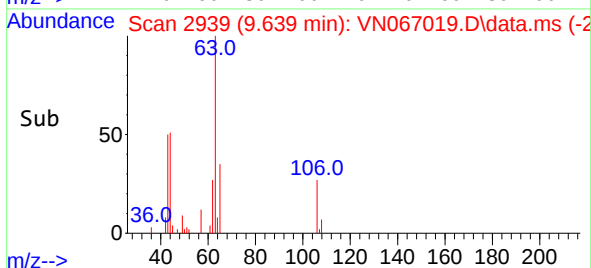
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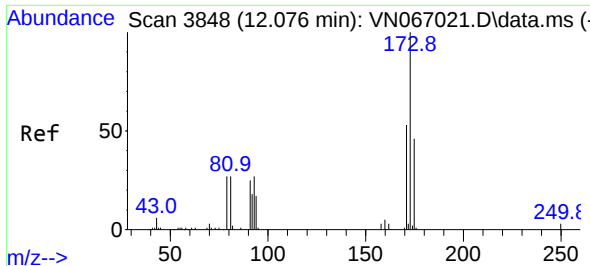


#55
2-Chloroethyl vinyl ether
Concen: 13.50 ug/l
RT: 9.639 min Scan# 2939
Delta R.T. 0.003 min
Lab File: VN067019.D
Acq: 6 May 2021 19:12



Tgt Ion: 63 Resp: 23078
Ion Ratio Lower Upper
63 100
65 31.9 25.4 38.2
106 24.0 18.9 28.3





#56
Bromoform
Concen: 3.27 ug/l
RT: 12.079 min Scan# 3849
Delta R.T. 0.003 min
Lab File: VN067019.D
Acq: 6 May 2021 19:12

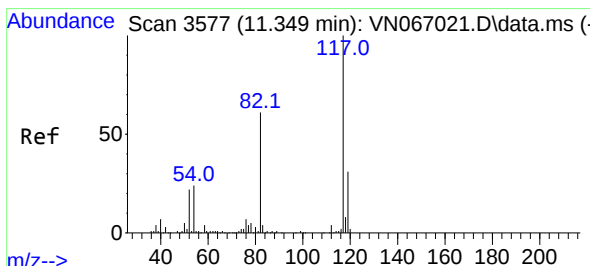
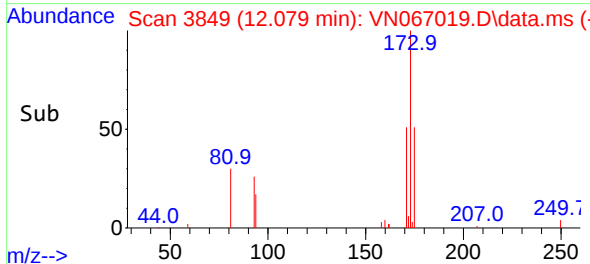
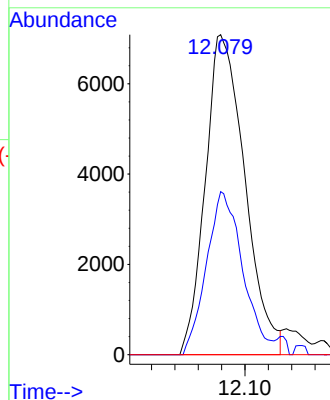
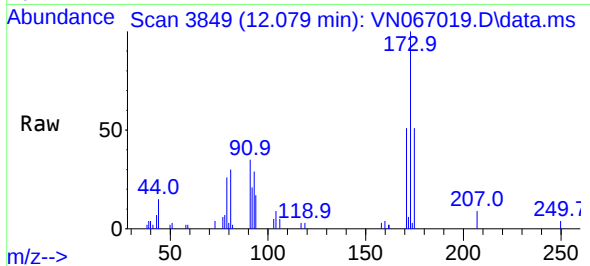
Tgt Ion:	173	Resp:	16643
Ion Ratio	Lower	Upper	
173	100		
175	46.8	38.6	57.8
254	0.0	0.0	0.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Manual Integrations
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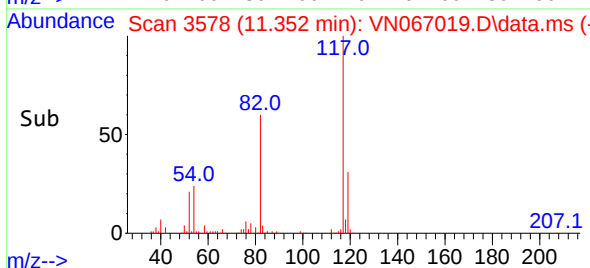
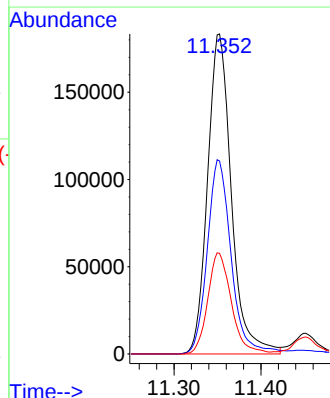
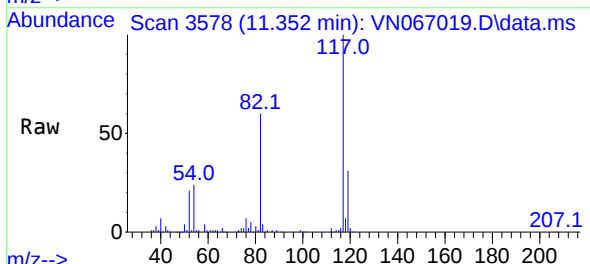
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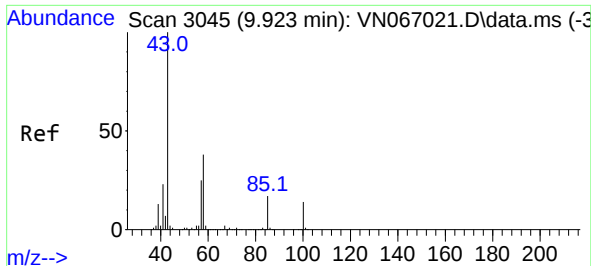
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#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.352 min Scan# 3578
Delta R.T. 0.003 min
Lab File: VN067019.D
Acq: 6 May 2021 19:12

Tgt Ion:	117	Resp:	349475
Ion Ratio	Lower	Upper	
117	100		
82	61.0	49.3	73.9
119	31.2	25.5	38.3





#58
4-Methyl-2-Pentanone
Concen: 16.00 ug/l
RT: 9.923 min Scan# 3045
Delta R.T. 0.000 min
Lab File: VN067019.D
Acq: 6 May 2021 19:12

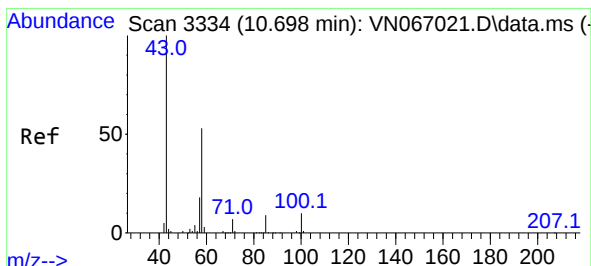
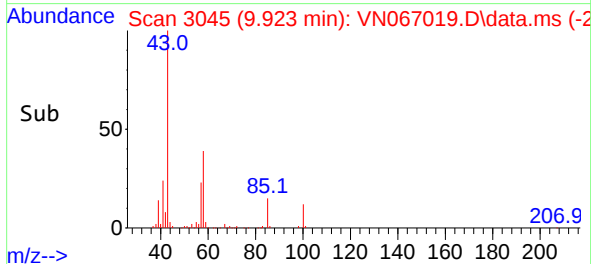
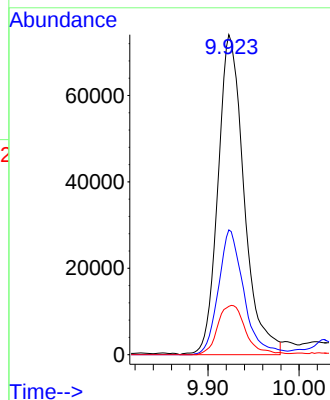
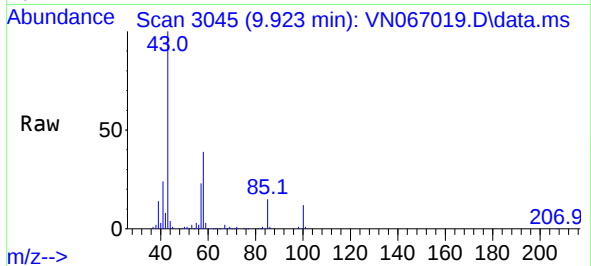
Tgt Ion:	43	Resp:	146830
Ion	Ratio	Lower	Upper
43	100		
58	38.1	30.4	45.6
85	16.4	13.4	20.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Manual Integrations
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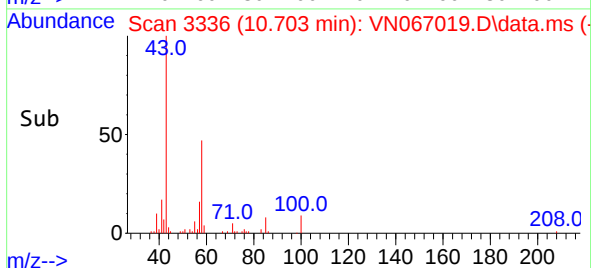
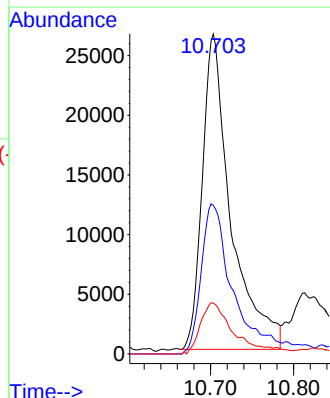
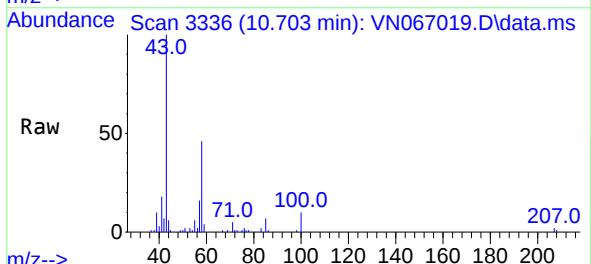
MMDadoda

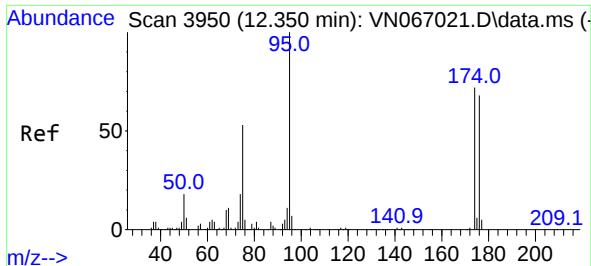
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#59
2-Hexanone
Concen: 11.77 ug/l
RT: 10.703 min Scan# 3336
Delta R.T. 0.006 min
Lab File: VN067019.D
Acq: 6 May 2021 19:12

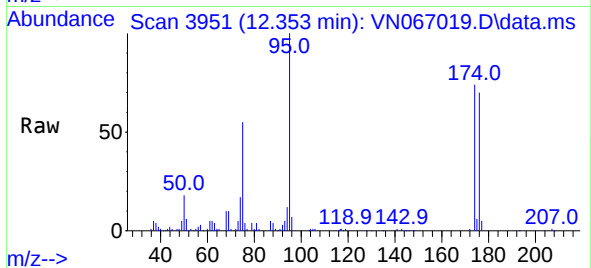
Tgt Ion:	43	Resp:	63088
Ion	Ratio	Lower	Upper
43	100		
58	47.4	42.7	64.1
57	15.1	14.7	22.1





#60
4-Bromofluorobenzene
Concen: 11.05 ug/l
RT: 12.353 min Scan# 3951
Delta R.T. 0.003 min
Lab File: VN067019.D
Acq: 6 May 2021 19:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

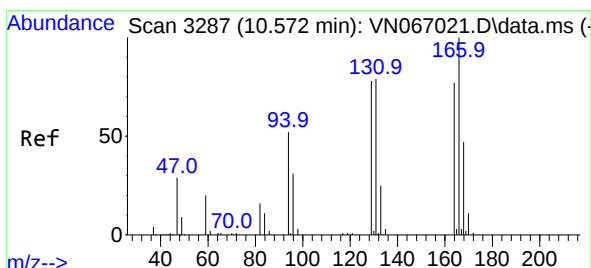
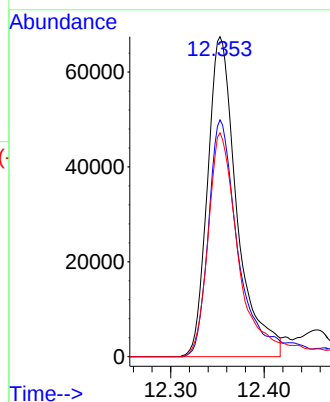
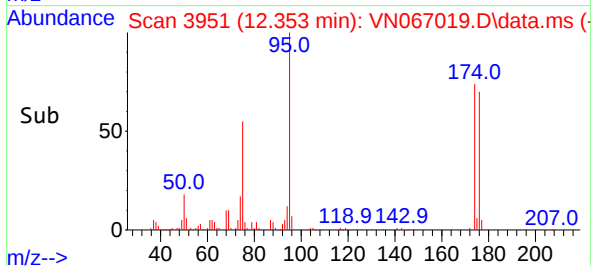


Tgt Ion: 95 Resp: 147561
Ion Ratio Lower Upper
95 100
174 72.0 57.2 85.8
176 71.6 54.5 81.7

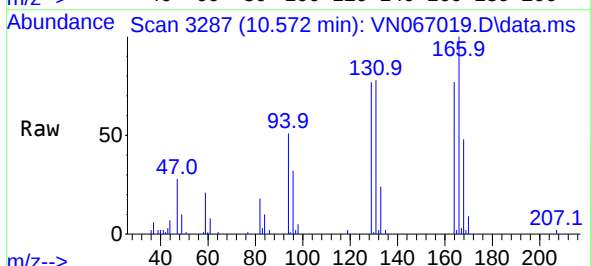
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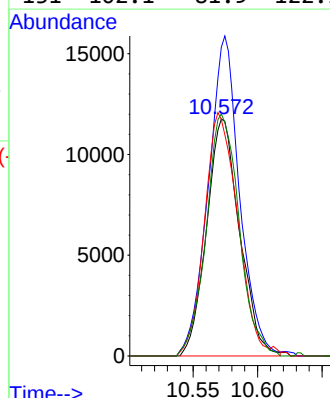
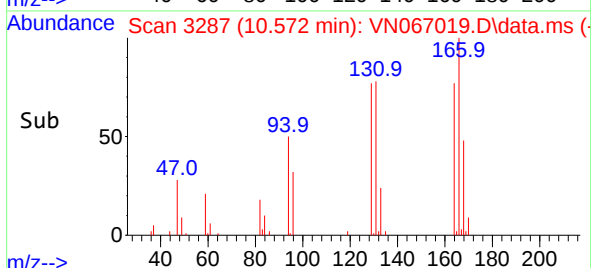
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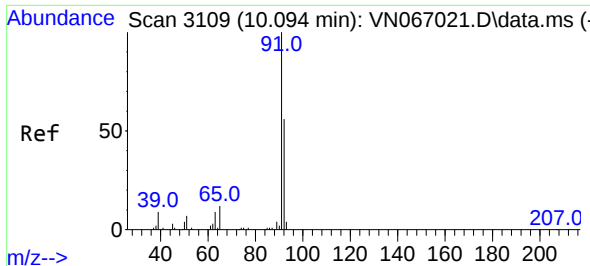


#61
Tetrachloroethene
Concen: 3.78 ug/l
RT: 10.572 min Scan# 3287
Delta R.T. 0.000 min
Lab File: VN067019.D
Acq: 6 May 2021 19:12



Tgt Ion:164 Resp: 20918
Ion Ratio Lower Upper
164 100
166 128.5 103.4 155.0
129 98.2 80.6 120.8
131 102.1 81.9 122.9





#62
Toluene
Concen: 3.69 ug/l
RT: 10.095 min Scan# 3109
Delta R.T. 0.000 min
Lab File: VN067019.D
Acq: 6 May 2021 19:12

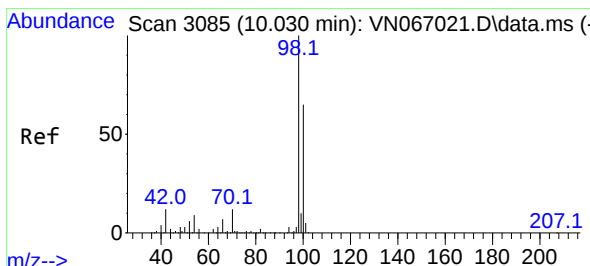
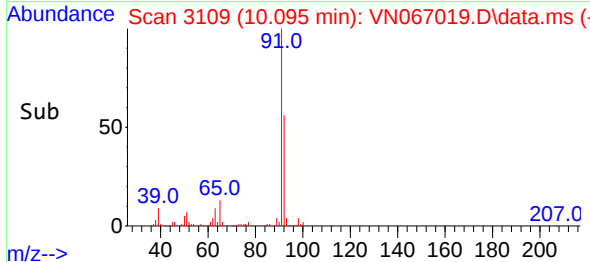
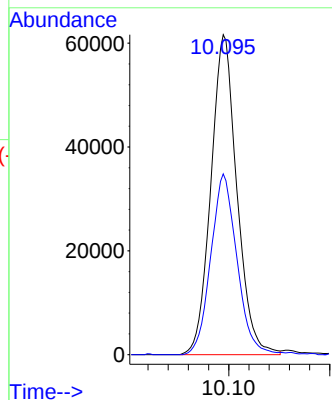
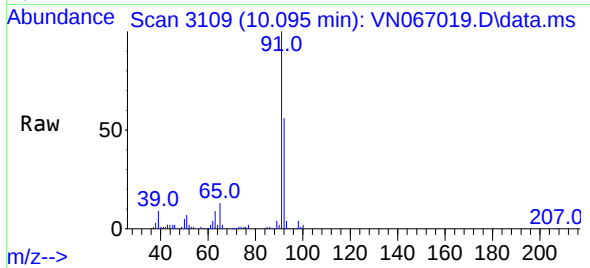
Tgt Ion: 91 Resp: 110168
Ion Ratio Lower Upper
91 100
92 56.9 46.2 69.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

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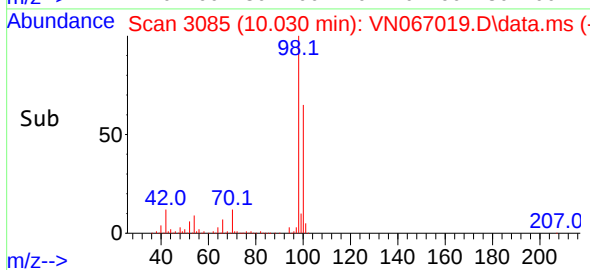
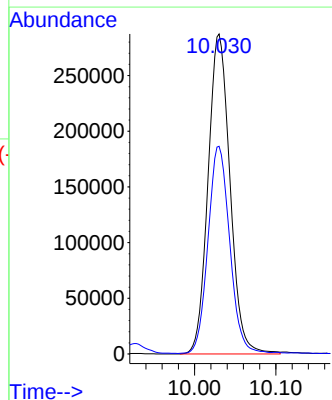
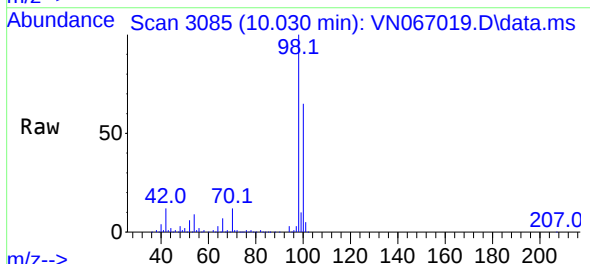
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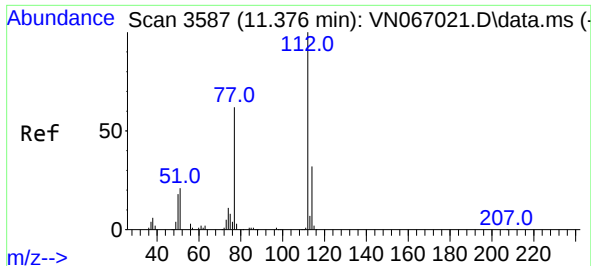
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#63
Toluene-d8
Concen: 13.54 ug/l
RT: 10.030 min Scan# 3085
Delta R.T. 0.000 min
Lab File: VN067019.D
Acq: 6 May 2021 19:12

Tgt Ion: 98 Resp: 538931
Ion Ratio Lower Upper
98 100
100 63.9 51.1 76.7





#64
Chlorobenzene
Concen: 3.57 ug/l
RT: 11.376 min Scan# 3587
Delta R.T. 0.000 min
Lab File: VN067019.D
Acq: 6 May 2021 19:12

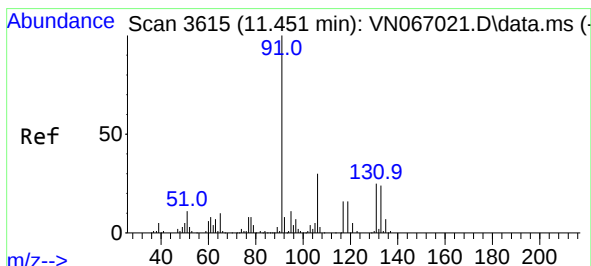
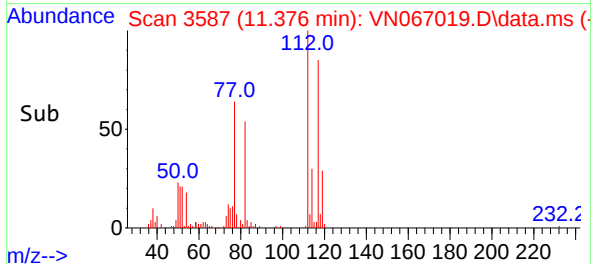
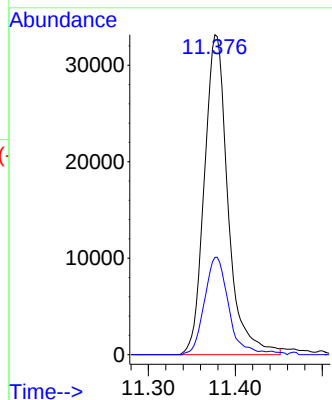
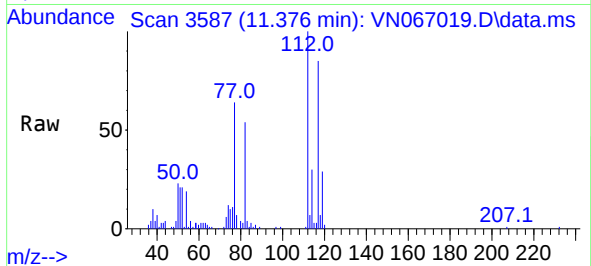
Tgt Ion:112 Resp: 62734
Ion Ratio Lower Upper
112 100
114 30.4 25.2 37.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Manual Integrations
APPROVED

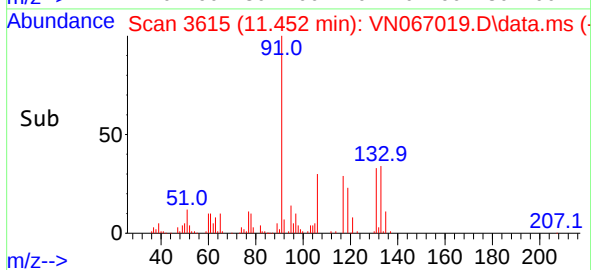
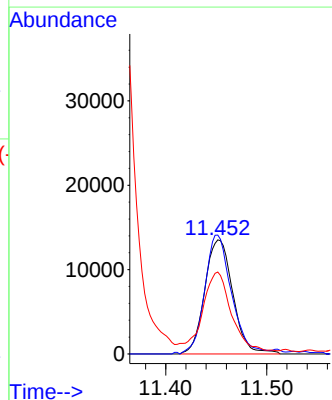
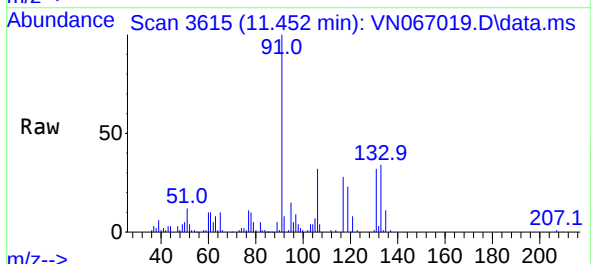
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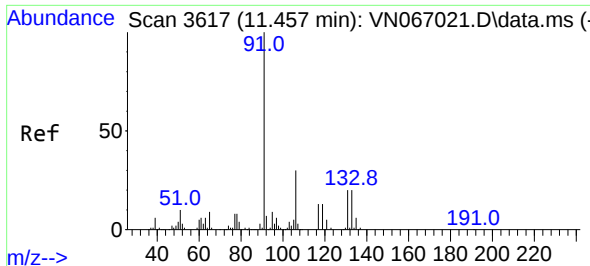
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#65
1,1,1,2-Tetrachloroethane
Concen: 3.79 ug/l
RT: 11.452 min Scan# 3615
Delta R.T. 0.000 min
Lab File: VN067019.D
Acq: 6 May 2021 19:12

Tgt Ion:131 Resp: 26157
Ion Ratio Lower Upper
131 100
133 99.6 0.0 192.4
119 72.2 0.0 133.2





#66
Ethyl Benzene
Concen: 3.15 ug/l
RT: 11.460 min Scan# 3618
Delta R.T. 0.003 min
Lab File: VN067019.D
Acq: 6 May 2021 19:12

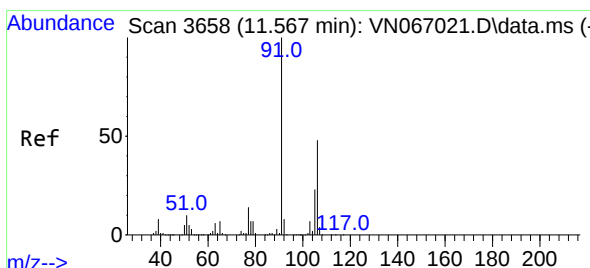
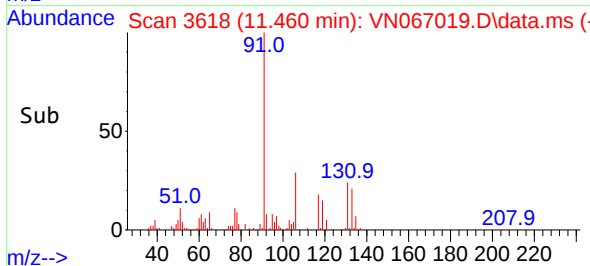
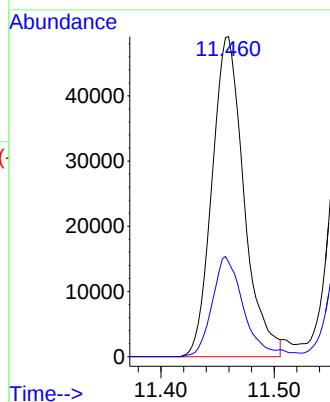
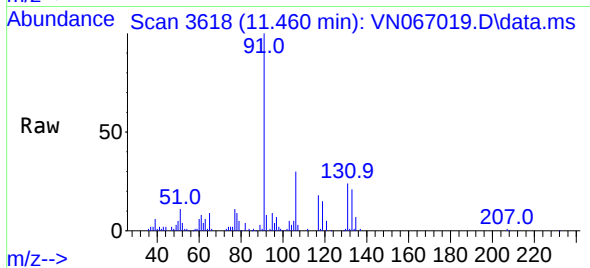
Tgt Ion: 91 Resp: 95838
Ion Ratio Lower Upper
91 100
106 29.6 24.1 36.1

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Manual Integrations
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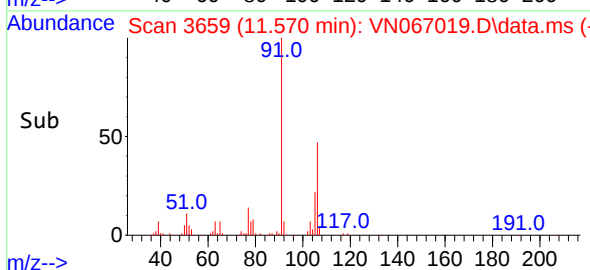
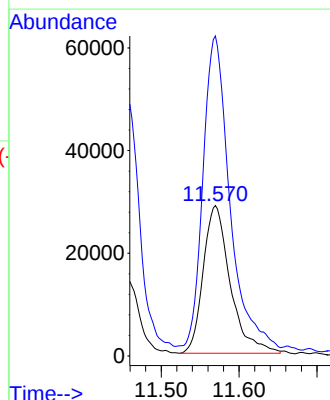
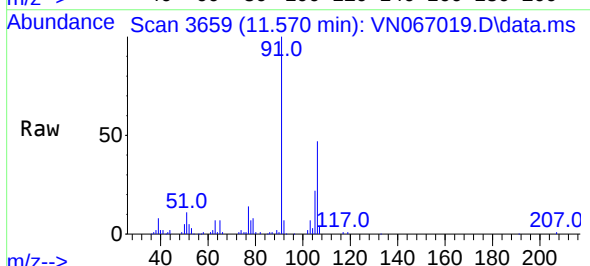
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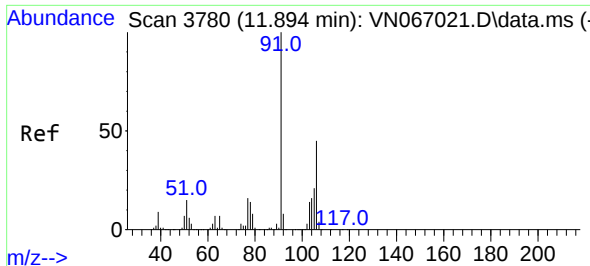
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#67
m/p-Xylenes
Concen: 6.12 ug/l
RT: 11.570 min Scan# 3659
Delta R.T. 0.003 min
Lab File: VN067019.D
Acq: 6 May 2021 19:12

Tgt Ion:106 Resp: 69453
Ion Ratio Lower Upper
106 100
91 206.5 173.2 259.8





#68
o-Xylene
Concen: 3.11 ug/l
RT: 11.897 min Scan# 3781
Delta R.T. 0.003 min
Lab File: VN067019.D
Acq: 6 May 2021 19:12

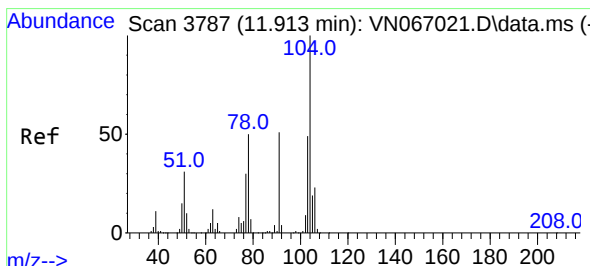
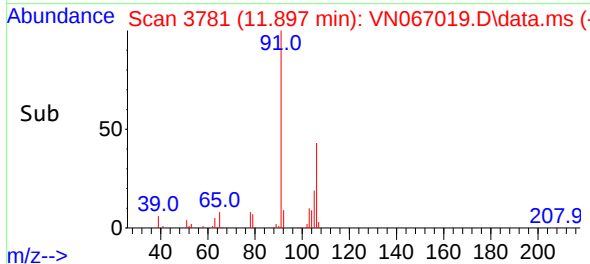
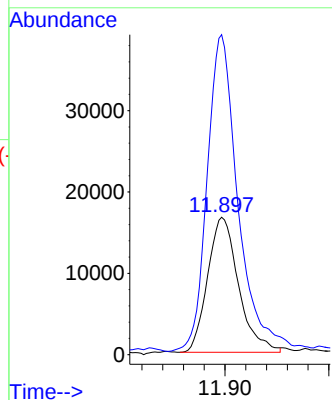
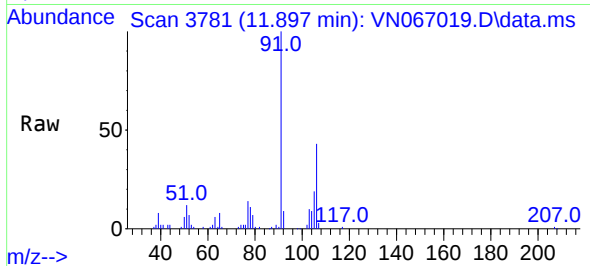
Tgt Ion:106 Resp: 34378
Ion Ratio Lower Upper
106 100
91 233.6 113.3 339.9

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Manual Integrations
APPROVED

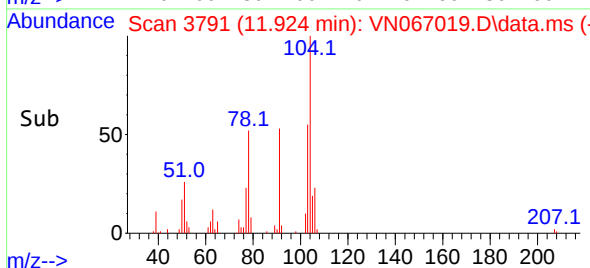
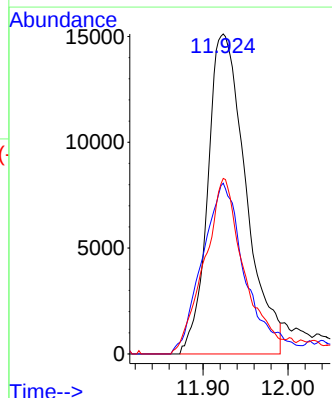
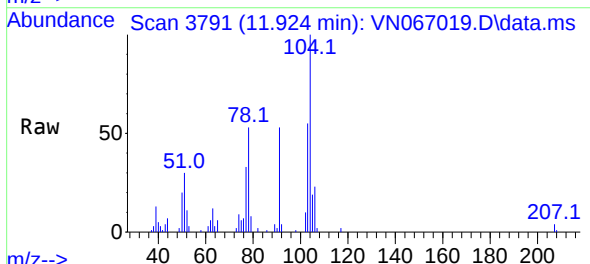
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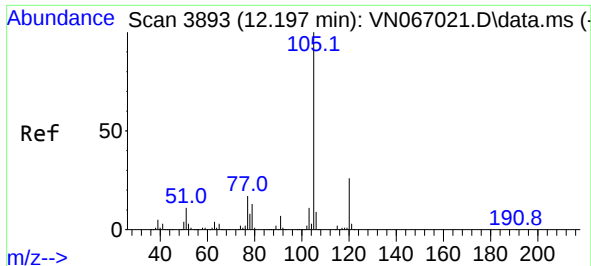
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#69
Styrene
Concen: 2.73 ug/l
RT: 11.924 min Scan# 3791
Delta R.T. 0.011 min
Lab File: VN067019.D
Acq: 6 May 2021 19:12

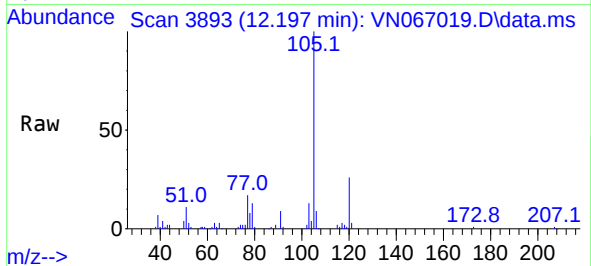
Tgt Ion:104 Resp: 47017
Ion Ratio Lower Upper
104 100
78 57.9 43.8 65.6
103 57.4 43.9 65.9





#70
Isopropylbenzene
Concen: 3.01 ug/l
RT: 12.197 min Scan# 3893
Delta R.T. 0.000 min
Lab File: VN067019.D
Acq: 6 May 2021 19:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

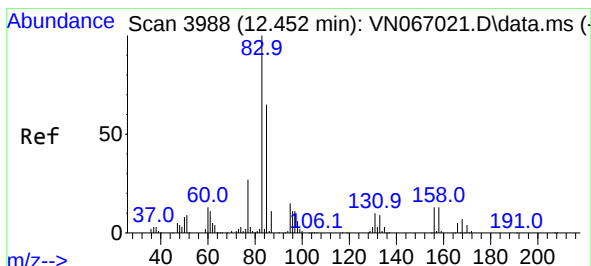
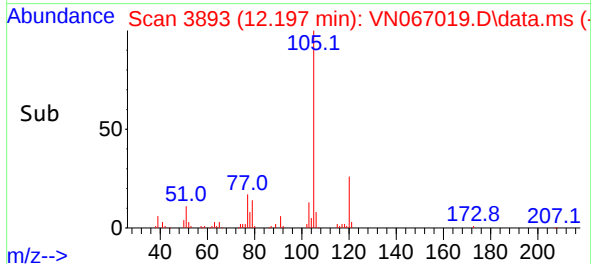
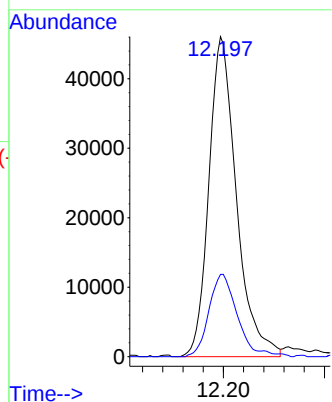


Tgt Ion:105 Resp: 87149
Ion Ratio Lower Upper
105 100
120 25.6 18.2 33.8

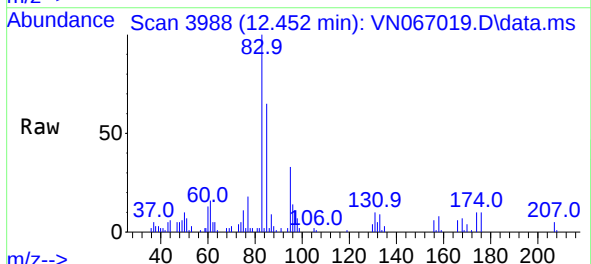
Manual Integrations
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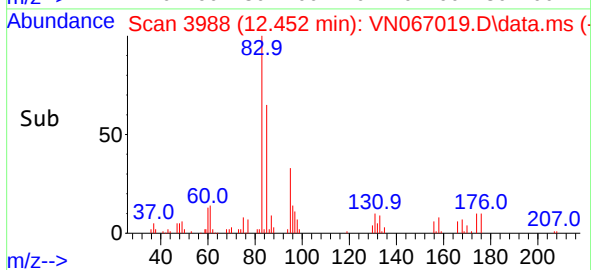
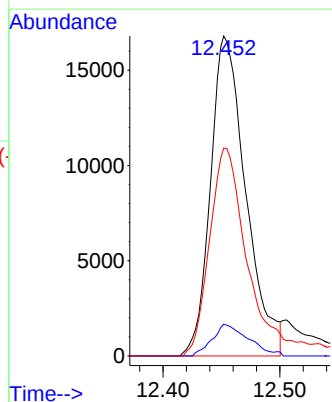
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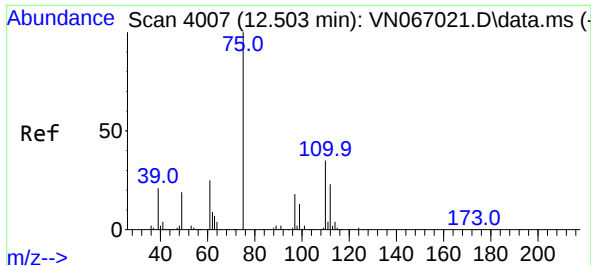


#71
1,1,2,2-Tetrachloroethane
Concen: 3.19 ug/l
RT: 12.452 min Scan# 3988
Delta R.T. 0.000 min
Lab File: VN067019.D
Acq: 6 May 2021 19:12



Tgt Ion: 83 Resp: 35296
Ion Ratio Lower Upper
83 100
131 9.9 4.6 13.8
85 67.5 31.0 93.0





#72
1,2,3-Trichloropropane
Concen: 2.48 ug/l
RT: 12.508 min Scan# 4009
Delta R.T. 0.006 min
Lab File: VN067019.D
Acq: 6 May 2021 19:12

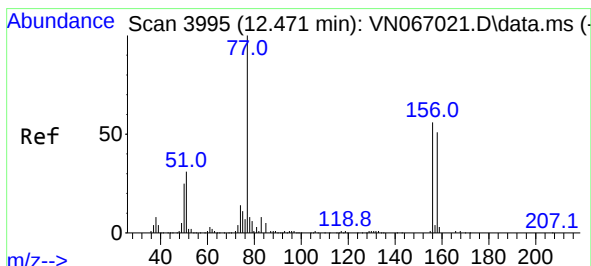
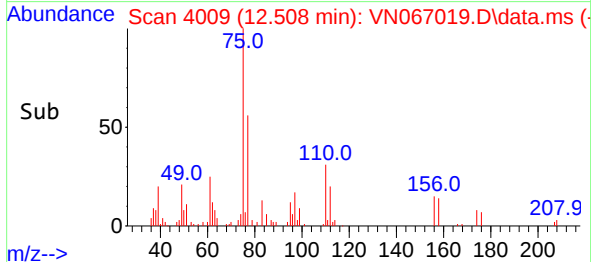
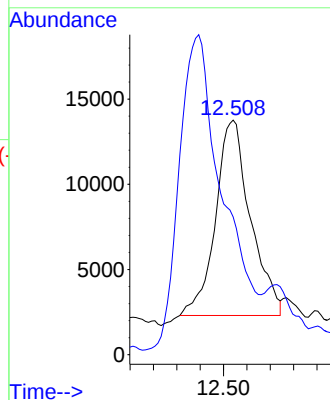
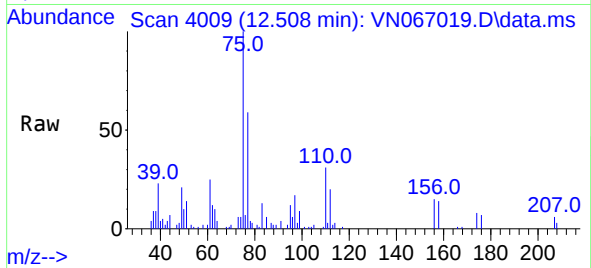
Tgt Ion: 75 Resp: 23855
Ion Ratio Lower Upper
75 100
77 204.5 0.0 329.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Manual Integrations
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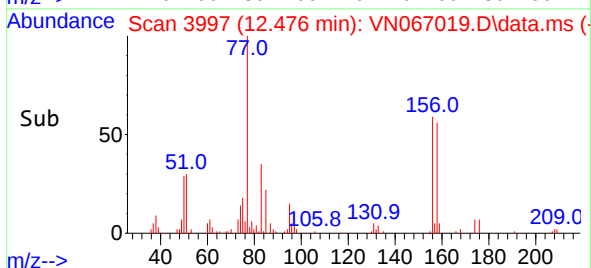
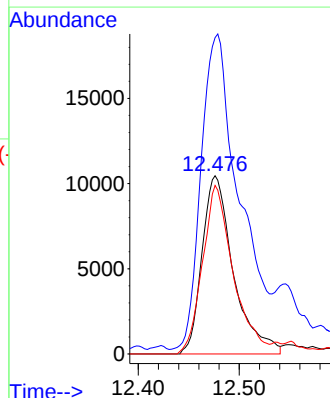
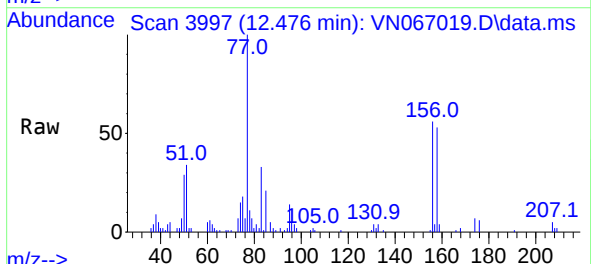
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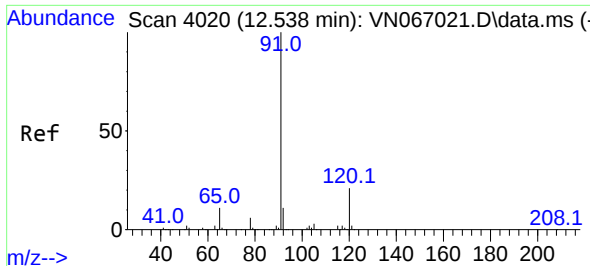
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#73
Bromobenzene
Concen: 3.19 ug/l
RT: 12.476 min Scan# 3997
Delta R.T. 0.006 min
Lab File: VN067019.D
Acq: 6 May 2021 19:12

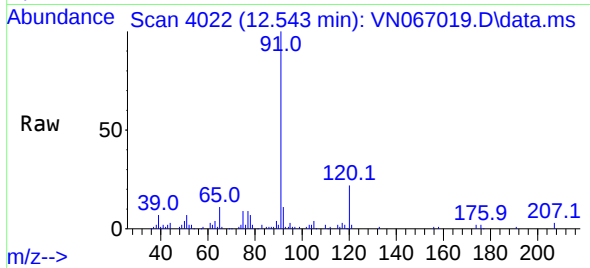
Tgt Ion:156 Resp: 22590
Ion Ratio Lower Upper
156 100
77 216.0 0.0 448.2
158 92.3 0.0 192.4





#74
n-propylbenzene
Concen: 2.70 ug/l
RT: 12.543 min Scan# 4022
Delta R.T. 0.006 min
Lab File: VN067019.D
Acq: 6 May 2021 19:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

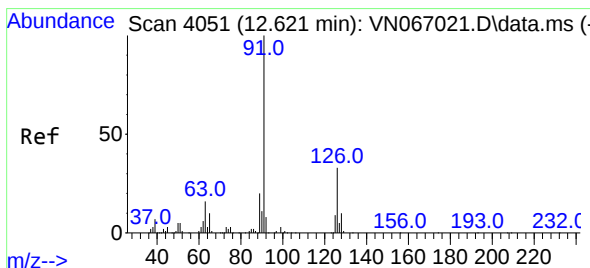
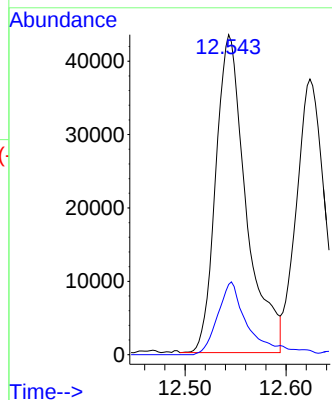


Tgt Ion: 91 Resp: 90567
Ion Ratio Lower Upper
91 100
120 21.2 0.0 43.6

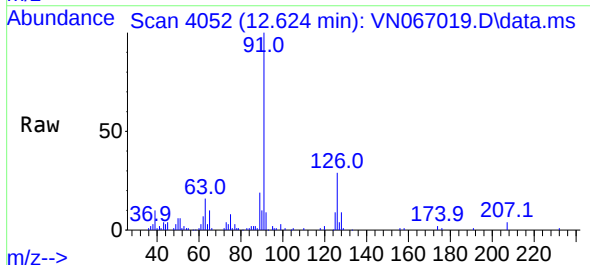
Manual Integrations
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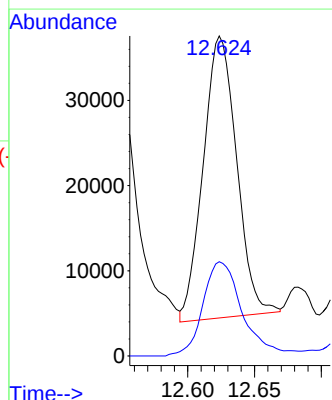
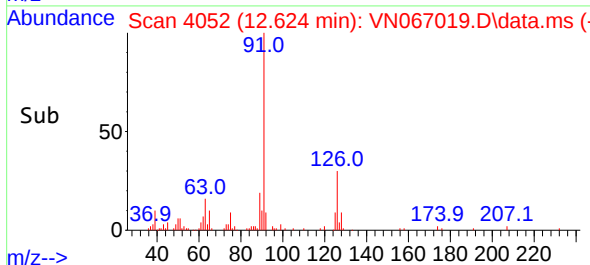
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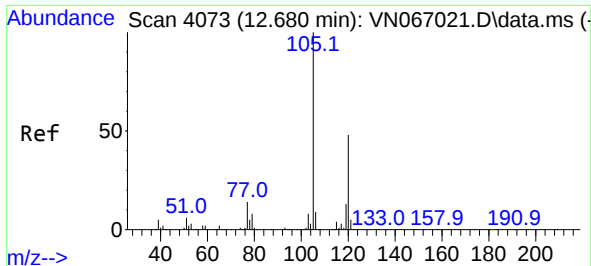


#75
2-Chlorotoluene
Concen: 2.60 ug/l
RT: 12.624 min Scan# 4052
Delta R.T. 0.003 min
Lab File: VN067019.D
Acq: 6 May 2021 19:12



Tgt Ion: 91 Resp: 57671
Ion Ratio Lower Upper
91 100
126 38.8 0.0 63.8





#76
1,3,5-Trimethylbenzene
Concen: 2.91 ug/l
RT: 12.683 min Scan# 4074
Delta R.T. 0.003 min
Lab File: VN067019.D
Acq: 6 May 2021 19:12

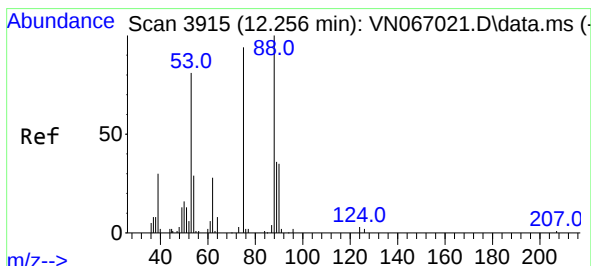
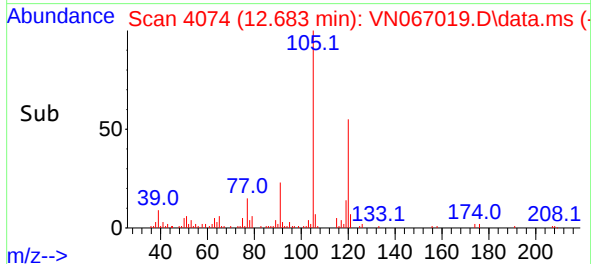
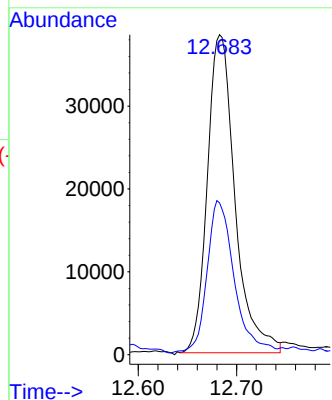
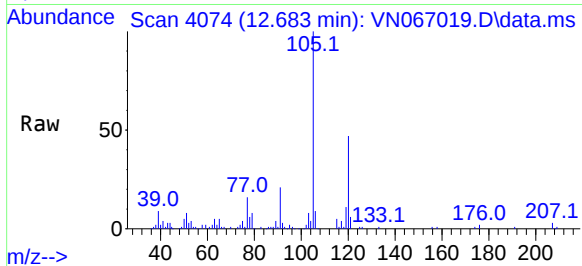
Tgt Ion: 105 Resp: 75330
Ion Ratio Lower Upper
105 100
120 44.9 0.0 93.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Manual Integrations
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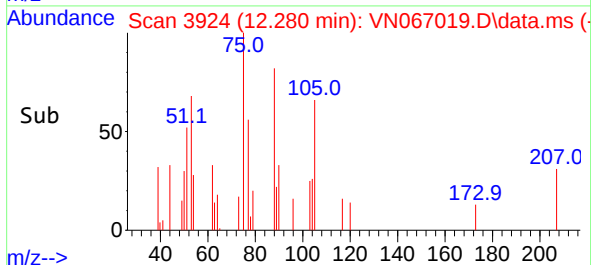
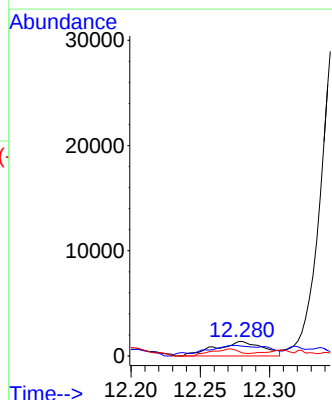
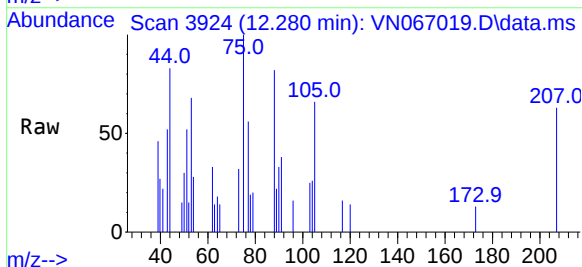
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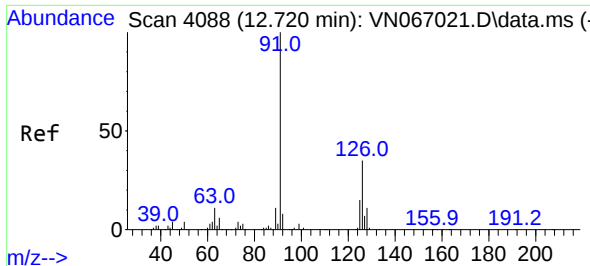
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#77
t-1,4-Dichloro-2-butene
Concen: 1.59 ug/l m
RT: 12.280 min Scan# 3924
Delta R.T. 0.024 min
Lab File: VN067019.D
Acq: 6 May 2021 19:12

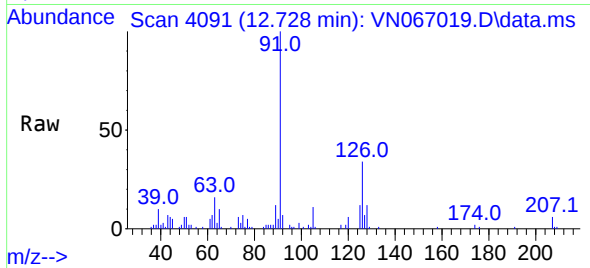
Tgt Ion: 75 Resp: 3289
Ion Ratio Lower Upper
75 100
53 67.8 43.1 129.4
89 21.6 18.8 56.4





#78
4-Chlorotoluene
Concen: 1.71 ug/l
RT: 12.728 min Scan# 4091
Delta R.T. 0.008 min
Lab File: VN067019.D
Acq: 6 May 2021 19:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

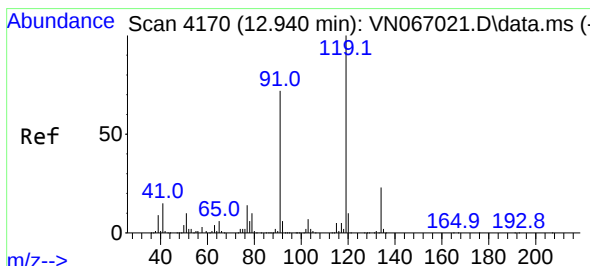
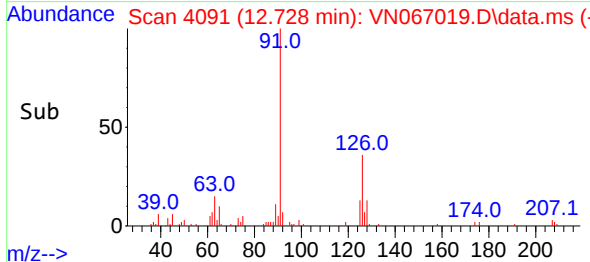
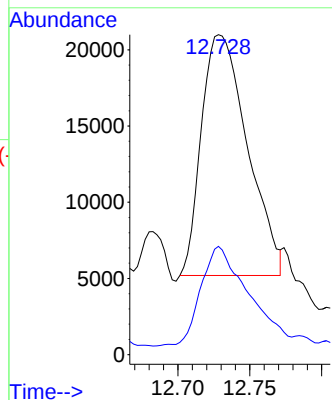


Tgt Ion: 91 Resp: 35180
Ion Ratio Lower Upper
91 100
126 41.4 0.0 61.2

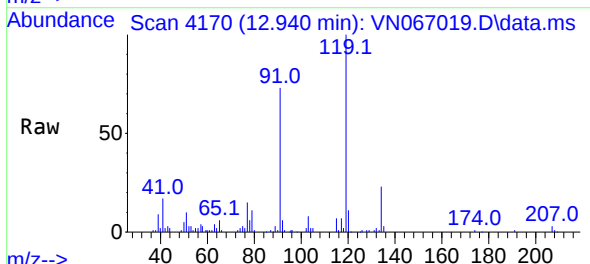
Manual Integrations
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MMDadoda

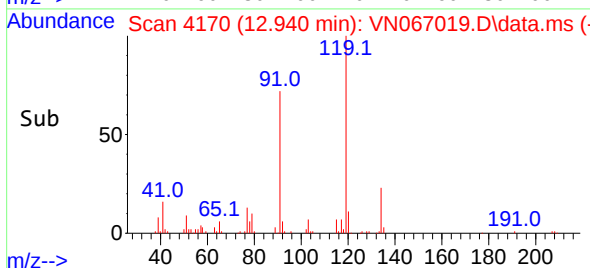
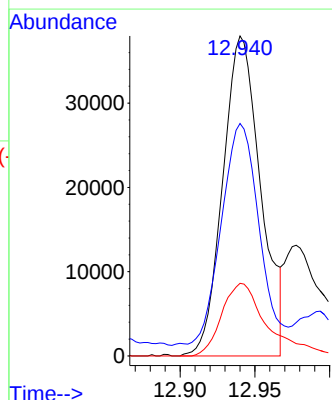
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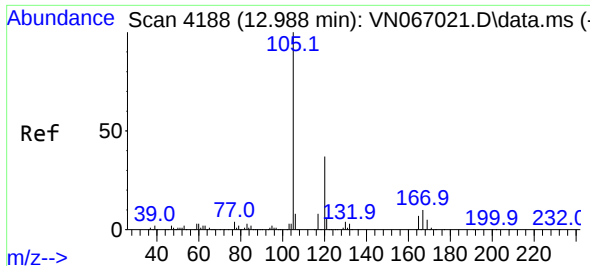


#79
tert-butylbenzene
Concen: 3.09 ug/l
RT: 12.940 min Scan# 4170
Delta R.T. 0.000 min
Lab File: VN067019.D
Acq: 6 May 2021 19:12



Tgt Ion: 119 Resp: 66949
Ion Ratio Lower Upper
119 100
91 69.0 0.0 140.2
134 27.3 0.0 46.6





#80
1,2,4-Trimethylbenzene
Concen: 2.57 ug/l
RT: 12.991 min Scan# 4189
Delta R.T. 0.003 min
Lab File: VN067019.D
Acq: 6 May 2021 19:12

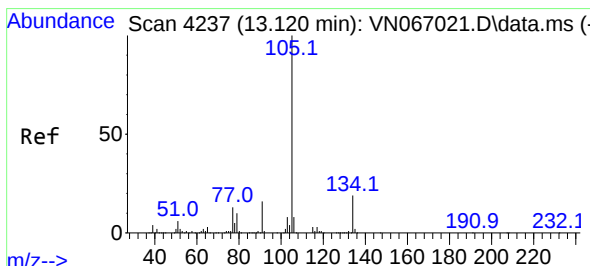
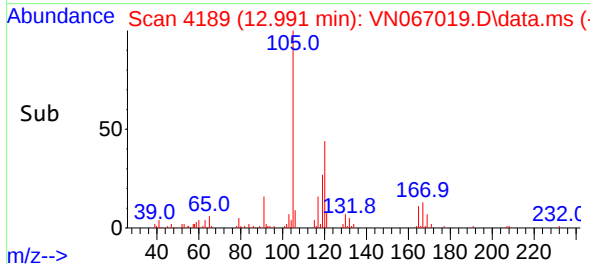
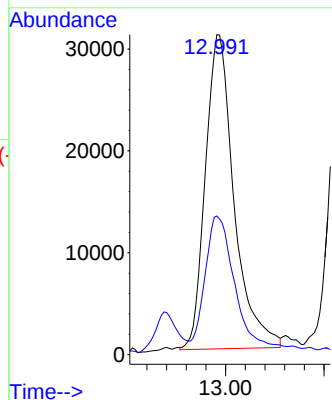
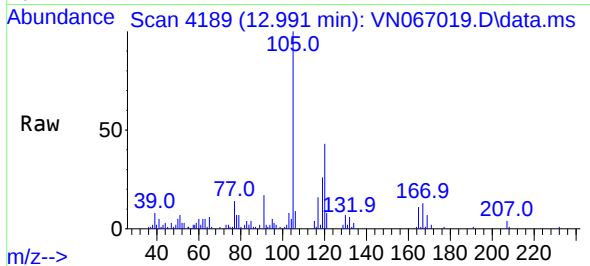
Tgt Ion:105 Resp: 62586
Ion Ratio Lower Upper
105 100
120 40.8 0.0 88.8

Instrument :
MSVOA_N
ClientSampleId :
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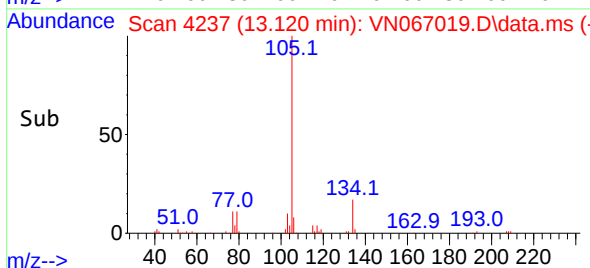
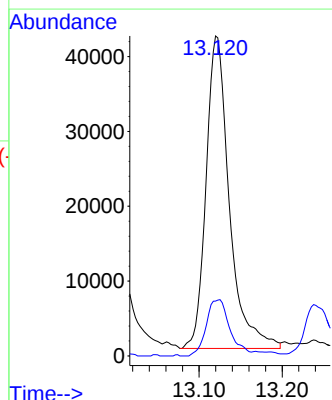
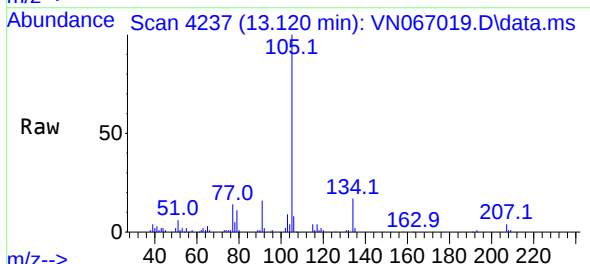
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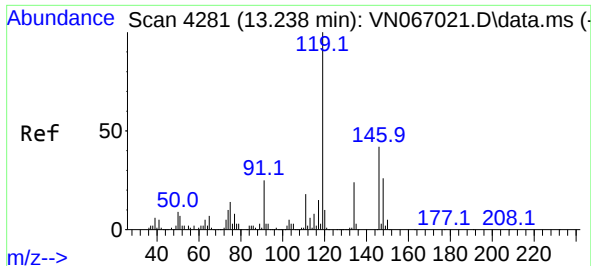
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#81
sec-Butylbenzene
Concen: 2.85 ug/l
RT: 13.120 min Scan# 4237
Delta R.T. 0.000 min
Lab File: VN067019.D
Acq: 6 May 2021 19:12

Tgt Ion:105 Resp: 81166
Ion Ratio Lower Upper
105 100
134 18.3 0.0 38.8





#82
p-Isopropyltoluene
Concen: 2.41 ug/l
RT: 13.240 min Scan# 4282
Delta R.T. 0.003 min
Lab File: VN067019.D
Acq: 6 May 2021 19:12

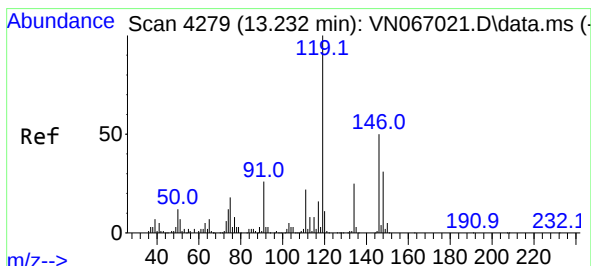
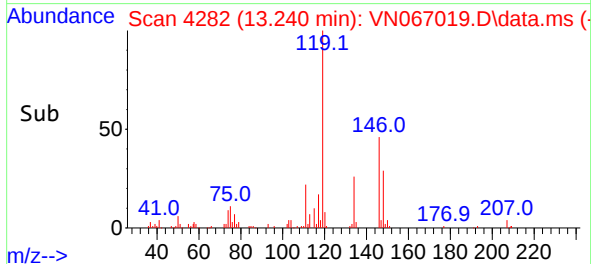
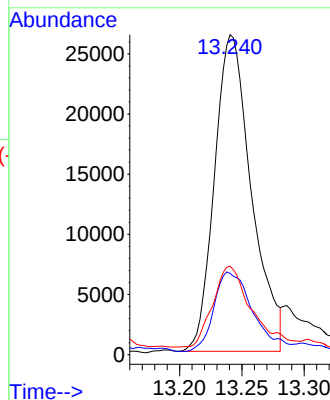
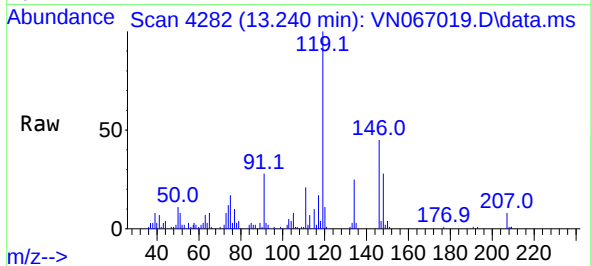
Tgt Ion:	119	Resp:	54357
Ion	Ratio	Lower	Upper
119	100		
134	25.1	0.0	49.8
91	24.5	0.0	49.6

Instrument :
MSVOA_N
ClientSampleId :
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Manual Integrations
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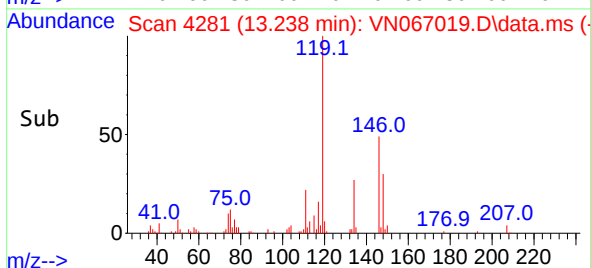
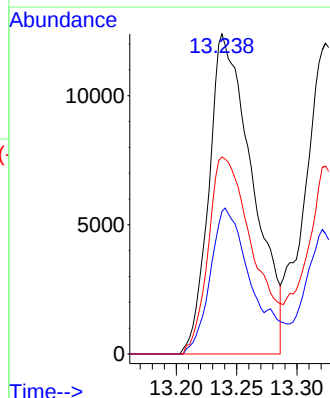
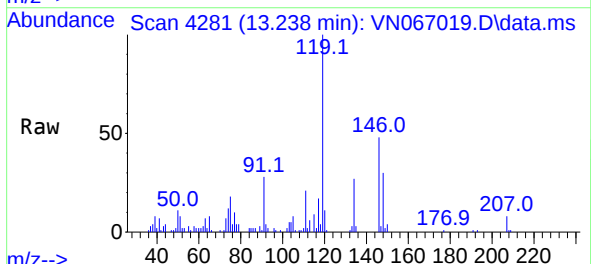
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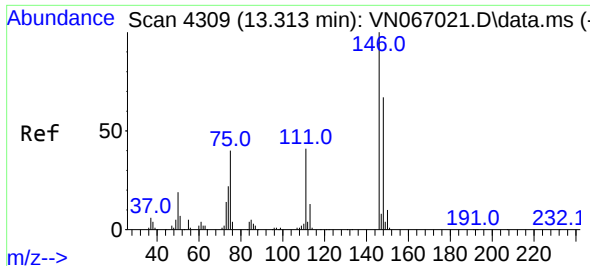
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#83
1,3-Dichlorobenzene
Concen: 2.71 ug/l
RT: 13.238 min Scan# 4281
Delta R.T. 0.006 min
Lab File: VN067019.D
Acq: 6 May 2021 19:12

Tgt Ion:	146	Resp:	31031
Ion	Ratio	Lower	Upper
146	100		
111	38.8	21.8	65.3
148	64.2	32.1	96.3





#84
1,4-Dichlorobenzene
Concen: 4.42 ug/l m
RT: 13.324 min Scan# 4313
Delta R.T. 0.011 min
Lab File: VN067019.D
Acq: 6 May 2021 19:12

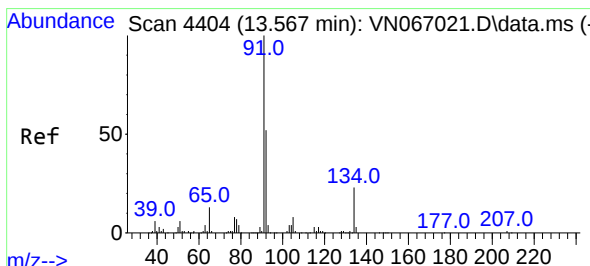
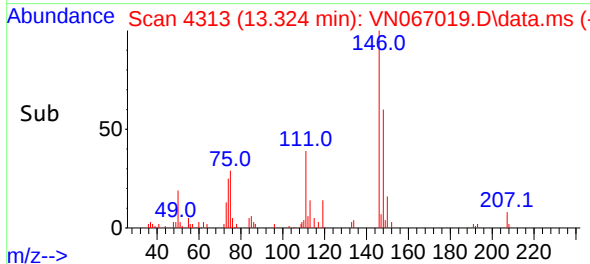
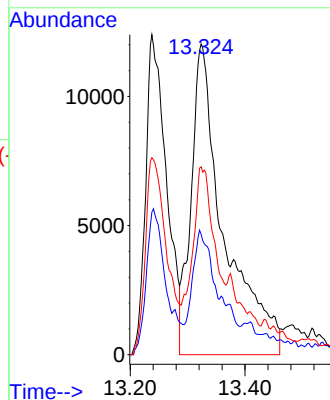
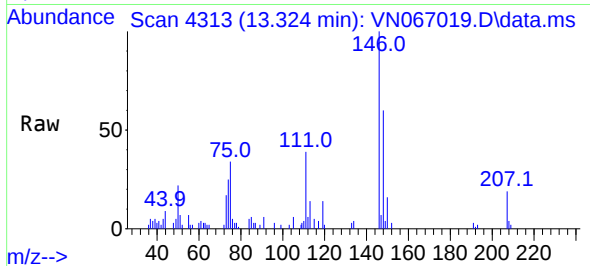
Tgt Ion:	146	Resp:	47832
Ion Ratio	Lower	Upper	
146	100		
111	25.2	18.5	55.5
148	41.6	29.3	88.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Manual Integrations
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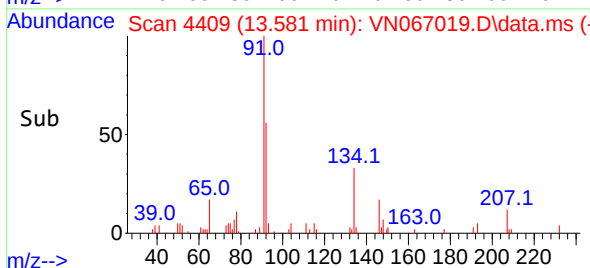
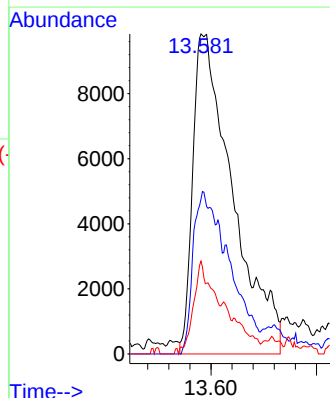
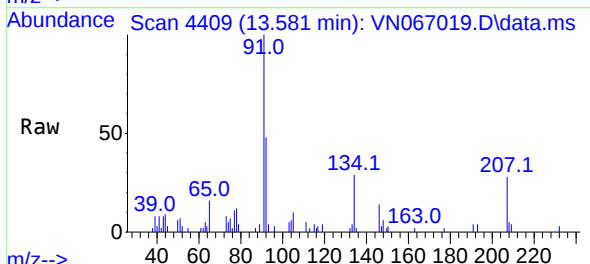
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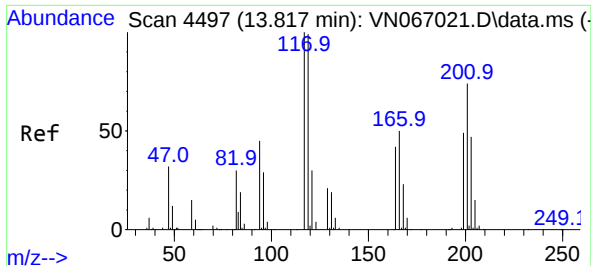
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#85
n-Butylbenzene
Concen: 3.07 ug/l m
RT: 13.581 min Scan# 4409
Delta R.T. 0.014 min
Lab File: VN067019.D
Acq: 6 May 2021 19:12

Tgt Ion:	91	Resp:	51604
Ion Ratio	Lower	Upper	
91	100		
92	18.4	0.0	95.4
134	7.0	0.0	44.0





#86
Hexachloroethane
Concen: 3.60 ug/l
RT: 13.817 min Scan# 4497
Delta R.T. 0.000 min
Lab File: VN067019.D
Acq: 6 May 2021 19:12

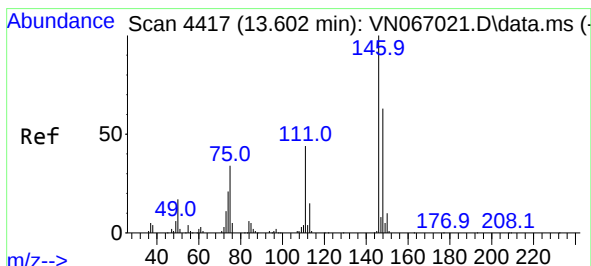
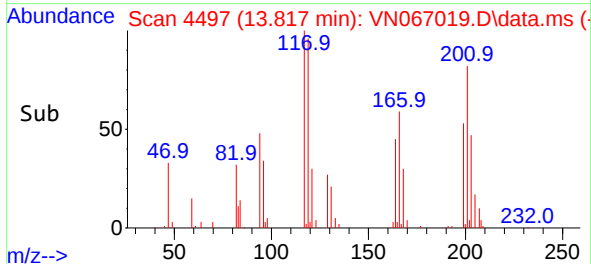
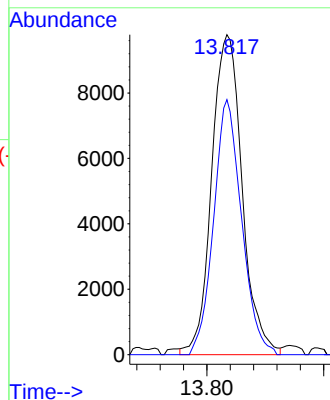
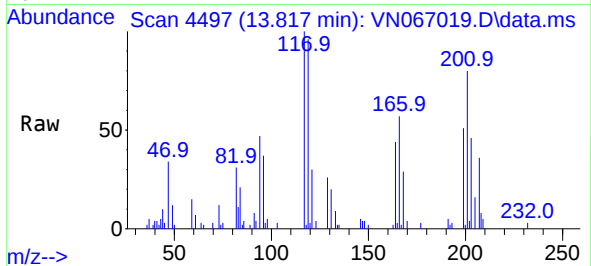
Tgt Ion:117 Resp: 17737
Ion Ratio Lower Upper
117 100
201 73.1 37.8 113.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Manual Integrations
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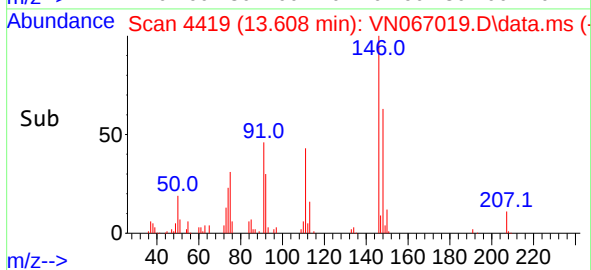
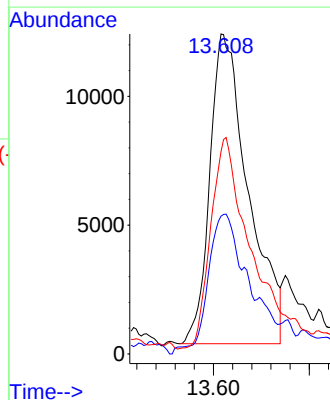
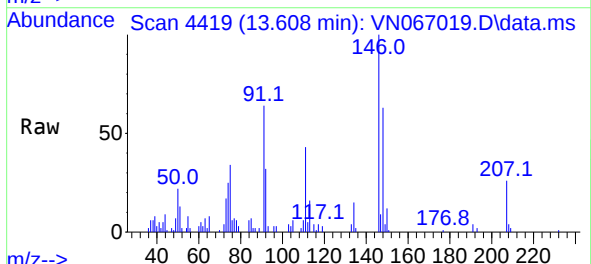
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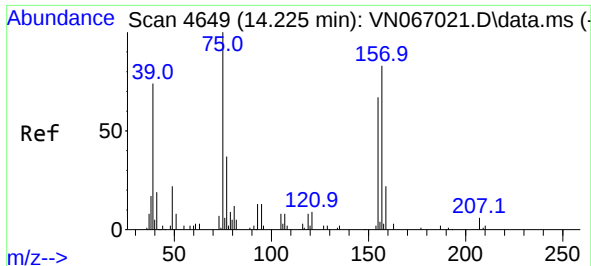
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#87
1,2-Dichlorobenzene
Concen: 2.77 ug/l
RT: 13.608 min Scan# 4419
Delta R.T. 0.006 min
Lab File: VN067019.D
Acq: 6 May 2021 19:12

Tgt Ion:146 Resp: 33610
Ion Ratio Lower Upper
146 100
111 30.0 20.5 61.5
148 69.8 30.1 90.5





#88
1,2-Dibromo-3-Chloropropane
Concen: 5.38 ug/l m
RT: 14.235 min Scan# 4653
Delta R.T. 0.011 min
Lab File: VN067019.D
Acq: 6 May 2021 19:12

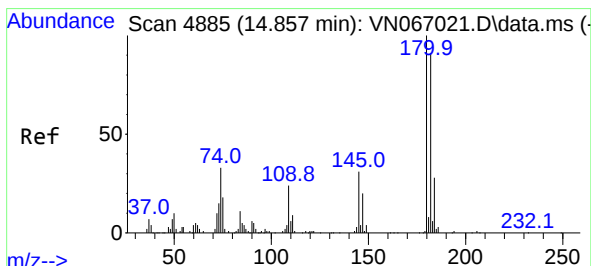
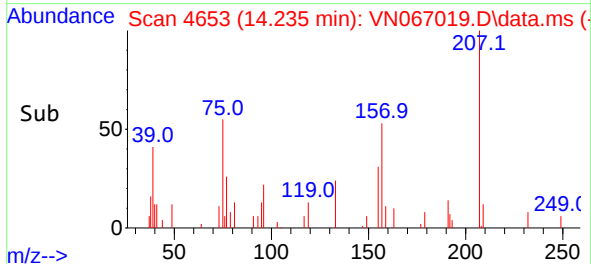
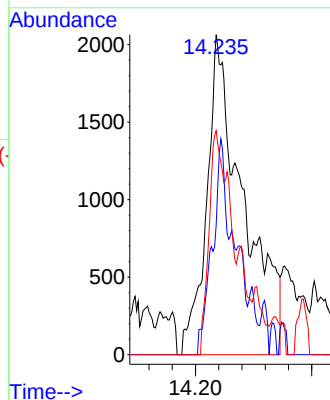
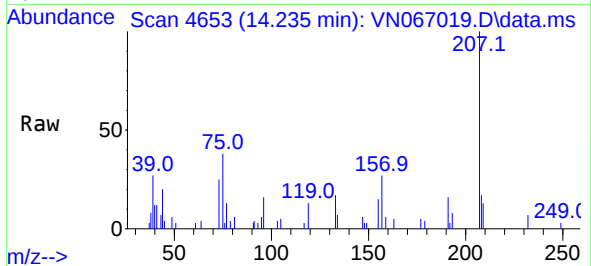
Tgt Ion: 75 Resp: 9000
Ion Ratio Lower Upper
75 100
155 4.7 53.4 80.2#
157 26.1 69.8 104.8#

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Manual Integrations
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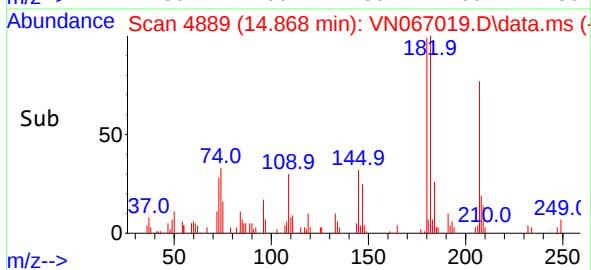
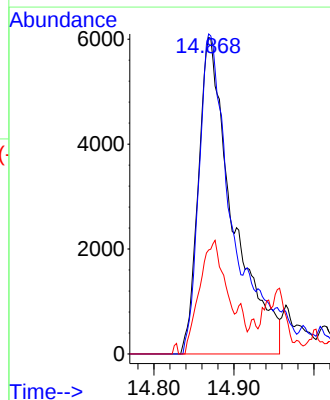
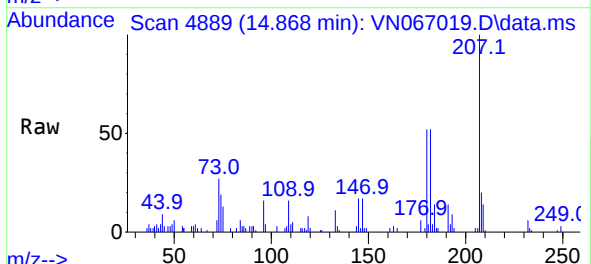
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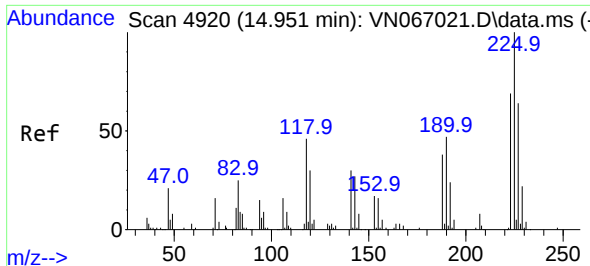
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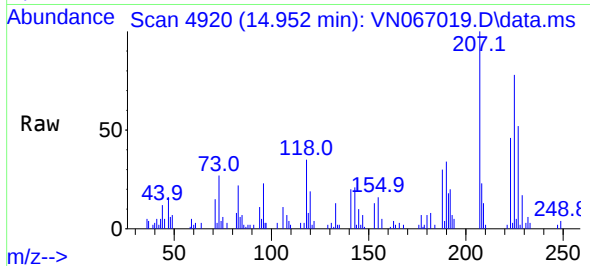
#89
1,2,4-Trichlorobenzene
Concen: 3.20 ug/l m
RT: 14.868 min Scan# 4889
Delta R.T. 0.011 min
Lab File: VN067019.D
Acq: 6 May 2021 19:12

Tgt Ion:180 Resp: 17985
Ion Ratio Lower Upper
180 100
182 80.7 78.6 117.8
145 27.2 25.0 37.4

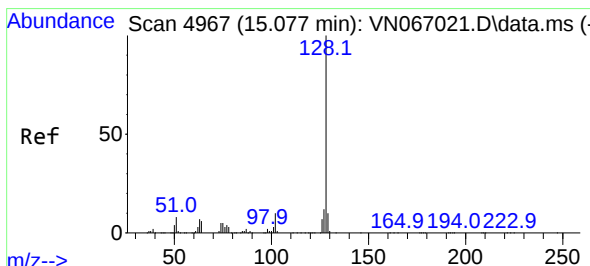
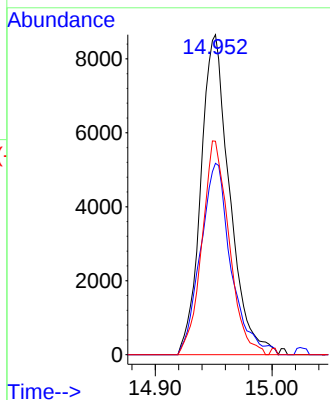
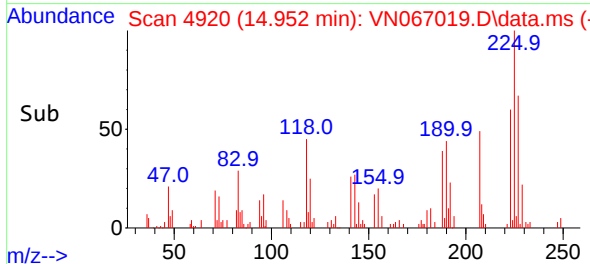




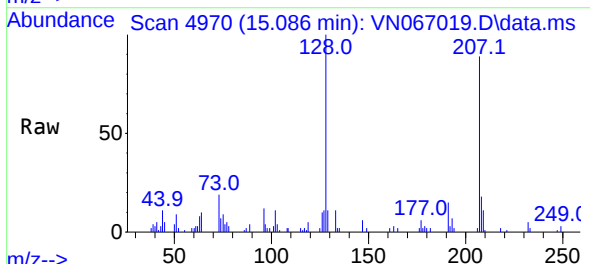
#90
Hexachlorobutadiene
Concen: 3.81 ug/l
RT: 14.952 min Scan# 4920
Delta R.T. 0.000 min
Lab File: VN067019.D
Acq: 6 May 2021 19:12



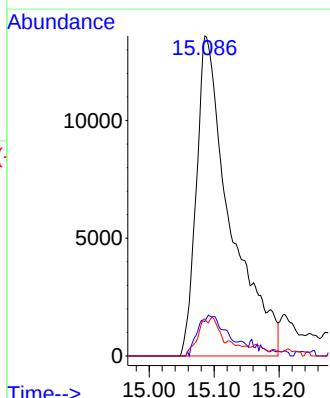
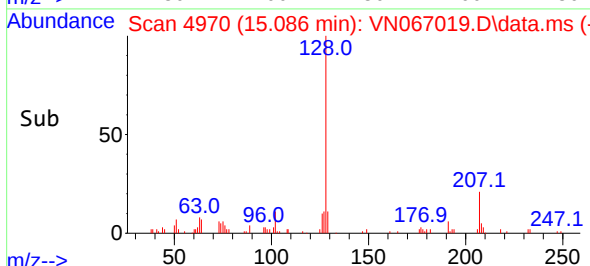
Tgt Ion:225 Resp: 14813
Ion Ratio Lower Upper
225 100
223 62.3 0.0 137.2
227 63.0 0.0 127.8



#91
Naphthalene
Concen: 3.11 ug/l m
RT: 15.086 min Scan# 4970
Delta R.T. 0.008 min
Lab File: VN067019.D
Acq: 6 May 2021 19:12



Tgt Ion:128 Resp: 48768
Ion Ratio Lower Upper
128 100
127 0.4 9.8 14.6#
129 3.8 7.8 11.8#

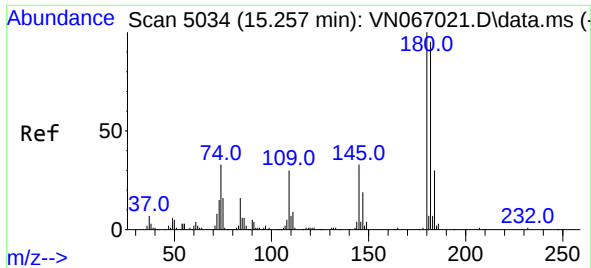


Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

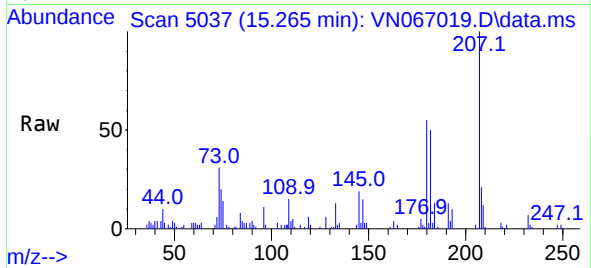
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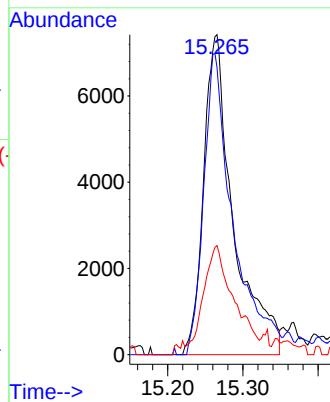
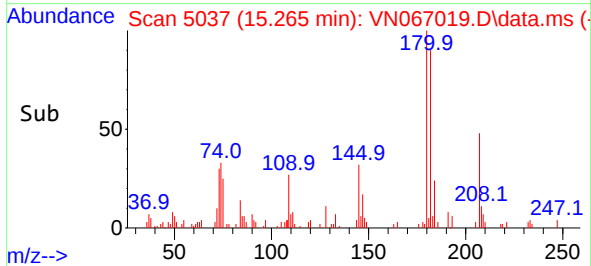
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#92
 1,2,3-Trichlorobenzene
 Concen: 3.36 ug/l m
 RT: 15.265 min Scan# 5037
 Delta R.T. 0.008 min
 Lab File: VN067019.D
 Acq: 6 May 2021 19:12



Tgt Ion:	180	Resp:	20417
Ion Ratio	Lower	Upper	
180	100		
182	79.5	0.0	184.4
145	26.7	0.0	67.6



Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

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