

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070121\
 Data File : VN067588.D
 Acq On : 1 Jul 2021 10:35
 Operator : JC/MD
 Sample : VSTDICCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Manual Integrations
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 7/5/2021 1:59:45 PM

Quant Time: Jul 01 11:35:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N070121W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jul 01 11:33:18 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.659	128	66742	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.971	114	399870	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.746	117	377006	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	171032	26.489	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	88.300%#		
60) 4-Bromofluorobenzene	12.733	95	181993	26.634	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	88.767%		
63) Toluene-d8	10.443	98	527970	29.695	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	99.000%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	77197	18.694	ug/l	97
3) Chloromethane	2.303	50	103573	21.913	ug/l	98
4) Vinyl Chloride	2.443	62	160857	29.321	ug/l	97
5) Bromomethane	2.864	94	124231	36.935	ug/l	90
6) Chloroethane	3.022	64	120729m	33.832	ug/l	
7) Trichlorofluoromethane	3.373	101	320013	36.389	ug/l	96
8) Diethyl Ether	3.819	74	70469	25.690	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.202	101	62905	18.352	ug/l	83
10) 1,1-Dichloroethene	4.175	96	62117	18.649	ug/l	91
11) Methyl Iodide	4.417	142	80535	19.453	ug/l	89
12) Methyl Acetate	4.862	43	80887	16.795	ug/l	95
13) Acrolein	4.038	56	55330m	91.796	ug/l	
14) Acrylonitrile	5.559	53	179886	87.810	ug/l	99
15) Acetone	4.293	58	42873	84.567	ug/l	86
16) Carbon Disulfide	4.521	76	177077	17.108	ug/l	98
17) Allyl chloride	4.835	41	108308	15.590	ug/l	91
18) Methylene Chloride	5.098	84	79540	19.044	ug/l	91
19) trans-1,2-Dichloroethene	5.597	96	72912	19.575	ug/l	85
20) Diisopropyl ether	6.500	45	249941	17.861	ug/l	92
21) 1,1-Dichloroethane	6.388	63	143939	18.420	ug/l	97
22) cis-1,2-Dichloroethene	7.327	96	89777	20.053	ug/l	92
23) tert-Butyl Alcohol	5.390	59	64586	73.328	ug/l #	100
24) Methyl tert-Butyl Ether	5.621	73	253501	17.964	ug/l	96
25) Chloroform	7.820	83	158861	19.442	ug/l	99
26) Cyclohexane	8.094	56	127590	18.737	ug/l #	96
29) 1,1-Dichloropropene	8.222	75	113764	18.966	ug/l	96
30) 2-Butanone	7.343	43	256281	85.685	ug/l	96
31) 2,2-Dichloropropane	7.327	77	120017	18.834	ug/l #	81
32) 1,1,1-Trichloroethane	8.016	97	140444	18.668	ug/l #	82
33) Carbon Tetrachloride	8.206	117	117338	18.497	ug/l	98
34) Benzene	8.461	78	344683	20.086	ug/l	98
35) Methacrylonitrile	7.638	41	53915	16.876	ug/l	96
36) 1,2-Dichloroethane	8.531	62	128632	18.085	ug/l #	78
37) Trichloroethene	9.217	130	87999	21.136	ug/l	88
38) Methylcyclohexane	9.461	83	124737	19.810	ug/l	93
39) 1,2-Dichloropropane	9.494	63	89309	19.432	ug/l	100
40) Dibromomethane	9.579	93	63326	19.835	ug/l	94
41) Bromodichloromethane	9.764	83	122307	18.403	ug/l	99
42) Vinyl Acetate	6.439	43	1092323m	86.815	ug/l	

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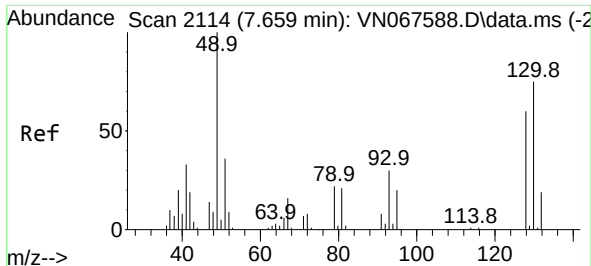
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.418	43	111406	18.436	ug/l #	89
44) Isopropyl Acetate	8.566	43	197492	17.484	ug/l #	81
45) 1,4-Dioxane	9.571	88	28484	380.868	ug/l #	91
46) Methyl methacrylate	9.563	41	84609	16.918	ug/l	95
47) n-amyl Acetate	12.390	43	154674	16.261	ug/l	98
48) t-1,3-Dichloropropene	10.722	75	124578	17.193	ug/l	100
49) cis-1,3-Dichloropropene	10.191	75	136239	18.362	ug/l	96
50) 1,1,2-Trichloroethane	10.902	97	87639	20.836	ug/l	99
51) Ethyl methacrylate	10.765	69	131971	17.962	ug/l	96
52) 1,3-Dichloropropane	11.046	76	147160	19.612	ug/l	100
53) Dibromochloromethane	11.242	129	89687	19.542	ug/l	99
54) 1,2-Dibromoethane	11.350	107	89283	20.355	ug/l	99
55) 2-Chloroethyl vinyl ether	10.043	63	122305	69.159	ug/l	98
56) Bromoform	12.460	173	57178	18.514	ug/l #	97
58) 4-Methyl-2-Pentanone	10.336	43	602440	88.805	ug/l	98
59) 2-Hexanone	11.089	43	417249	85.773	ug/l	98
61) Tetrachloroethene	10.979	164	88317	22.758	ug/l	98
62) Toluene	10.510	91	404977	20.763	ug/l	98
64) Chlorobenzene	11.773	112	234917	20.453	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.846	131	87236	20.325	ug/l	100
66) Ethyl Benzene	11.848	91	446082	19.929	ug/l	98
67) m/p-Xylenes	11.958	106	343239	42.421	ug/l	86
68) o-Xylene	12.283	106	170306	21.031	ug/l	86
69) Styrene	12.299	104	270128	20.191	ug/l	94
70) Isopropylbenzene	12.583	105	427797	20.722	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.830	83	126846	20.267	ug/l	100
72) 1,2,3-Trichloropropane	12.884	75	117371m	19.541	ug/l	
73) Bromobenzene	12.862	156	96056	21.788	ug/l	77
74) n-propylbenzene	12.924	91	489231	19.959	ug/l	97
75) 2-Chlorotoluene	13.012	91	298697	19.370	ug/l #	100
76) 1,3,5-Trimethylbenzene	13.061	105	361222	20.618	ug/l	99
77) t-1,4-Dichloro-2-butene	12.629	75	30381	15.309	ug/l	100
78) 4-Chlorotoluene	13.109	91	290995	19.102	ug/l	91
79) tert-butylbenzene	13.326	119	299849	21.141	ug/l	90
80) 1,2,4-Trimethylbenzene	13.372	105	351406m	20.417	ug/l	
81) sec-Butylbenzene	13.506	105	414393	21.021	ug/l	98
82) p-Isopropyltoluene	13.618	119	332789	20.926	ug/l	95
83) 1,3-Dichlorobenzene	13.618	146	173983	21.799	ug/l	94
84) 1,4-Dichlorobenzene	13.696	146	170815	21.453	ug/l	94
85) n-Butylbenzene	13.946	91	272209	19.014	ug/l	97
86) Hexachloroethane	14.214	117	53976	17.460	ug/l	98
87) 1,2-Dichlorobenzene	13.991	146	167194	21.655	ug/l	96
88) 1,2-Dibromo-3-Chloropr...	14.608	75	22276	15.457	ug/l #	76
89) 1,2,4-Trichlorobenzene	15.268	180	70577	18.894	ug/l	97
90) Hexachlorobutadiene	15.372	225	34386	17.743	ug/l	98
91) Naphthalene	15.509	128	204395	16.780	ug/l	98
92) 1,2,3-Trichlorobenzene	15.705	180	67346	18.541	ug/l	98

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



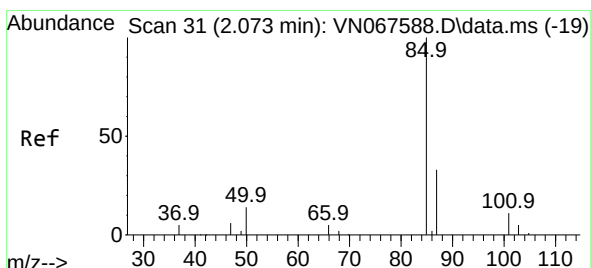
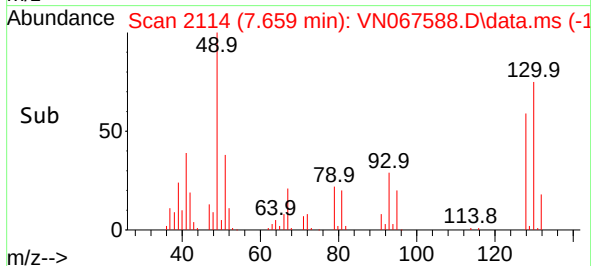
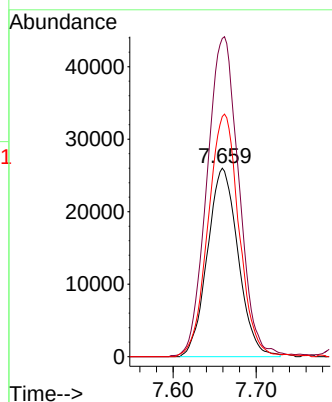
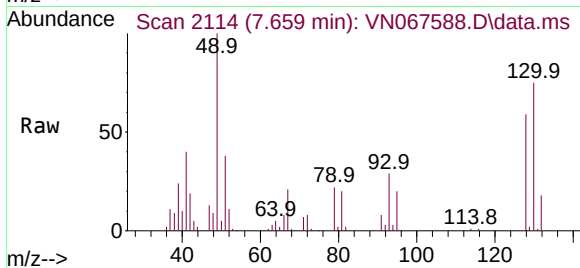
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.659 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VN067588.D
Acq: 1 Jul 2021 10:35

Tgt Ion:128 Resp: 66742
Ion Ratio Lower Upper
128 100
49 173.5 0.0 517.5
130 129.3 0.0 325.8

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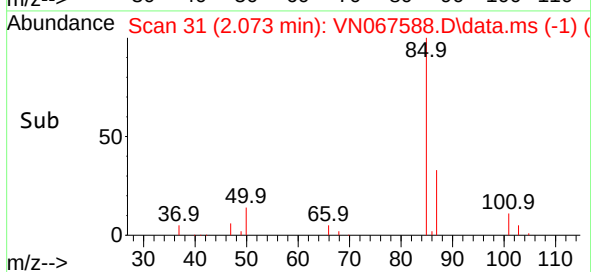
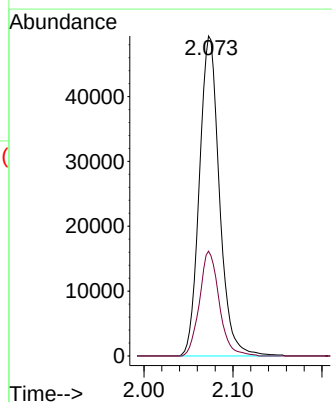
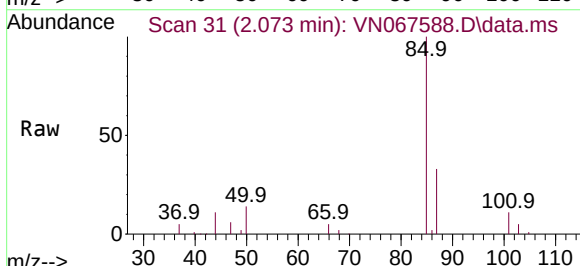
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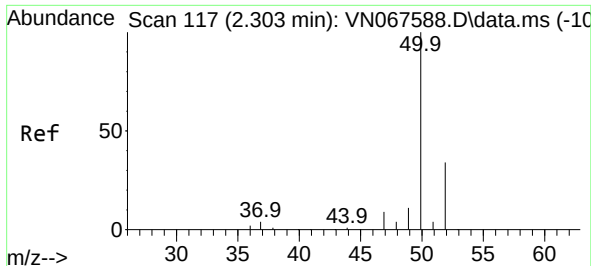
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#2
Dichlorodifluoromethane
Concen: 18.694 ug/l
RT: 2.073 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN067588.D
Acq: 1 Jul 2021 10:35

Tgt Ion: 85 Resp: 77197
Ion Ratio Lower Upper
85 100
87 32.8 15.7 47.0





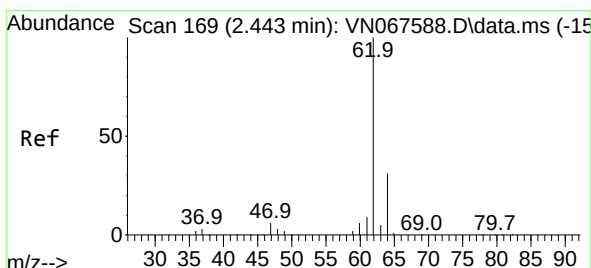
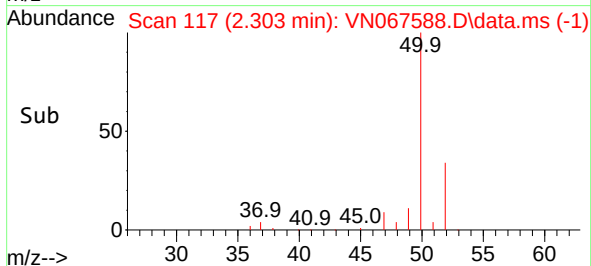
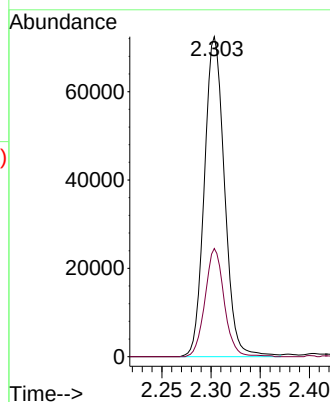
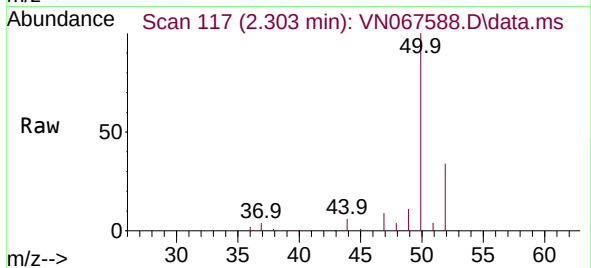
#3
Chloromethane
Concen: 21.913 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN067588.D
Acq: 1 Jul 2021 10:35

Tgt Ion: 50 Resp: 103573
Ion Ratio Lower Upper
50 100
52 33.8 26.0 39.0

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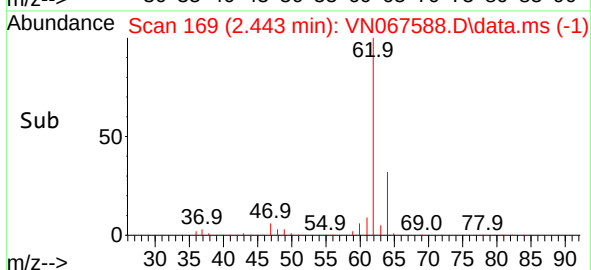
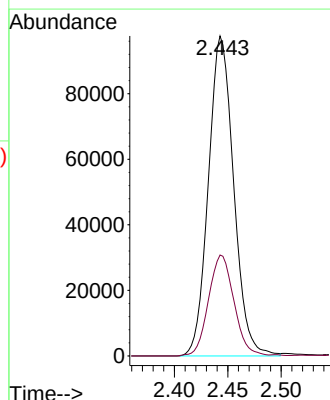
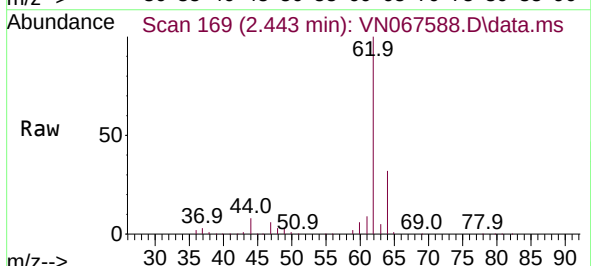
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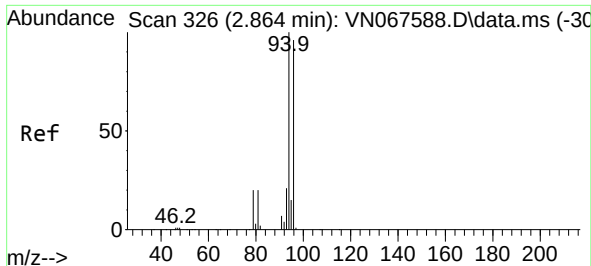
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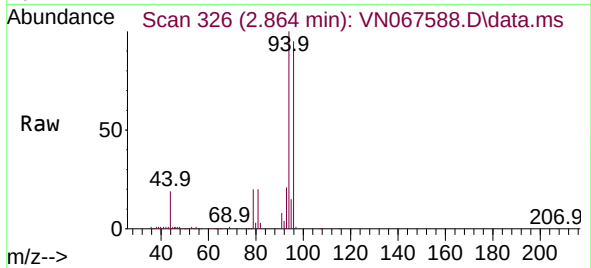
#4
Vinyl Chloride
Concen: 29.321 ug/l
RT: 2.443 min Scan# 169
Delta R.T. 0.000 min
Lab File: VN067588.D
Acq: 1 Jul 2021 10:35

Tgt Ion: 62 Resp: 160857
Ion Ratio Lower Upper
62 100
64 31.3 23.7 35.5

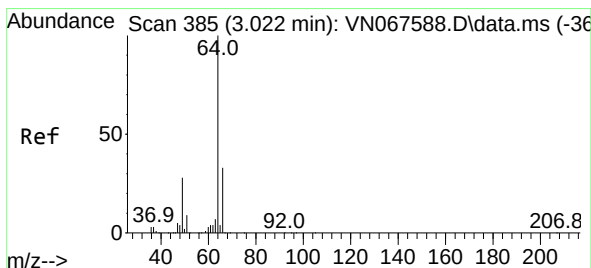
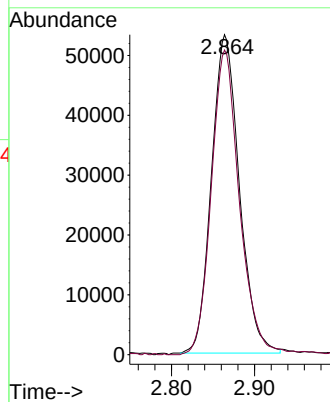
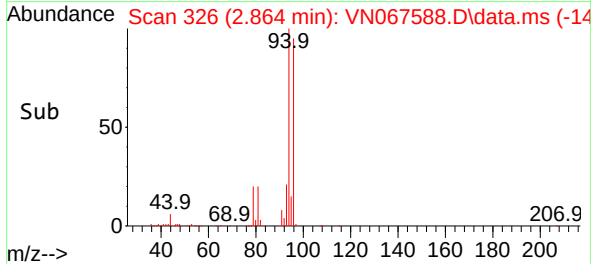




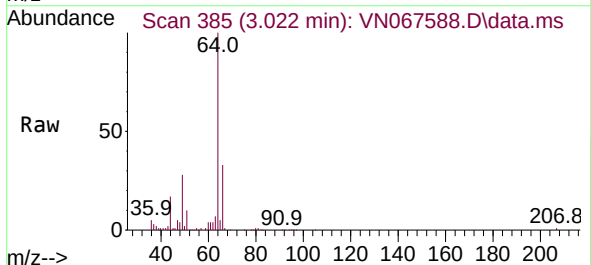
#5
Bromomethane
Concen: 36.935 ug/l
RT: 2.864 min Scan# 326
Delta R.T. 0.000 min
Lab File: VN067588.D
Acq: 1 Jul 2021 10:35



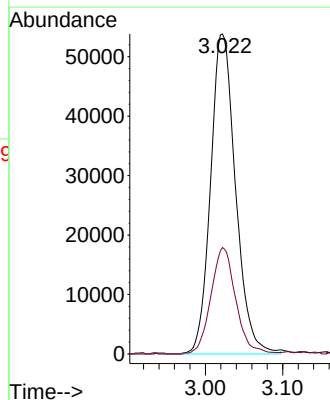
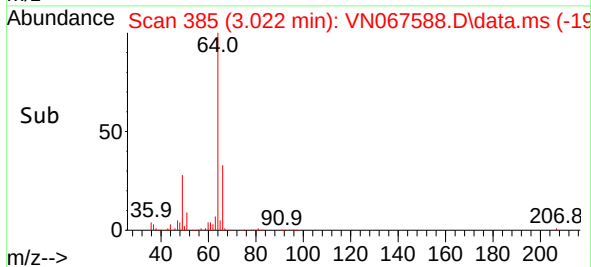
Tgt Ion: 94 Resp: 124231
Ion Ratio Lower Upper
94 100
96 95.7 69.4 104.2



#6
Chloroethane
Concen: 33.832 ug/l m
RT: 3.022 min Scan# 385
Delta R.T. 0.000 min
Lab File: VN067588.D
Acq: 1 Jul 2021 10:35



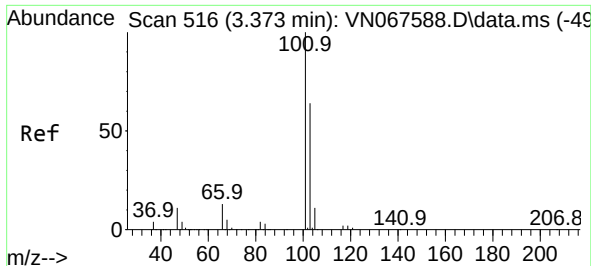
Tgt Ion: 64 Resp: 120729
Ion Ratio Lower Upper
64 100
66 33.2 21.5 32.3#



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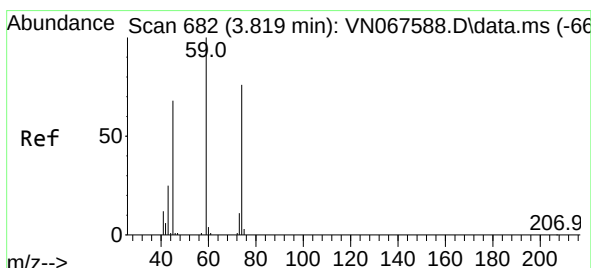
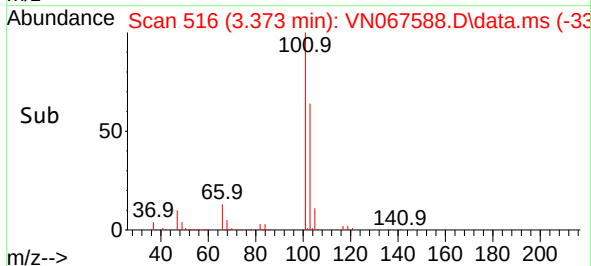
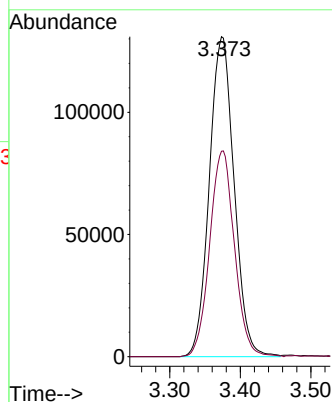
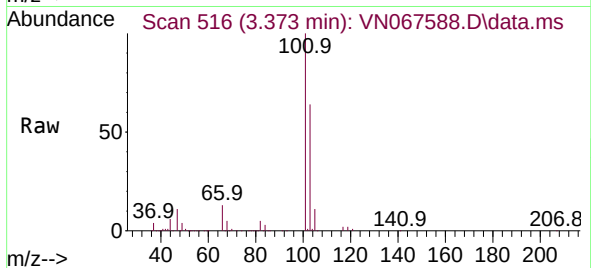
#7
 Trichlorofluoromethane
 Concen: 36.389 ug/l
 RT: 3.373 min Scan# 516
 Delta R.T. 0.000 min
 Lab File: VN067588.D
 Acq: 1 Jul 2021 10:35

Tgt Ion:101 Resp: 320013
 Ion Ratio Lower Upper
 101 100
 103 64.2 53.7 80.5

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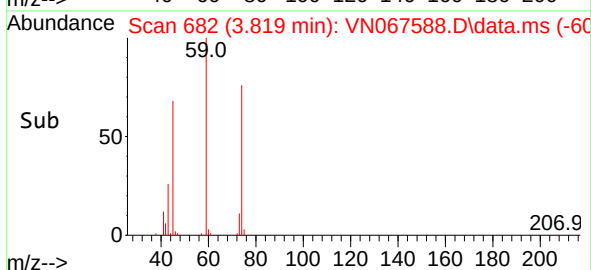
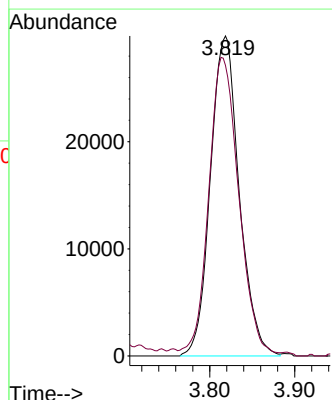
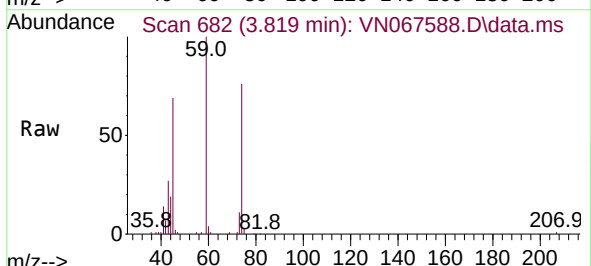
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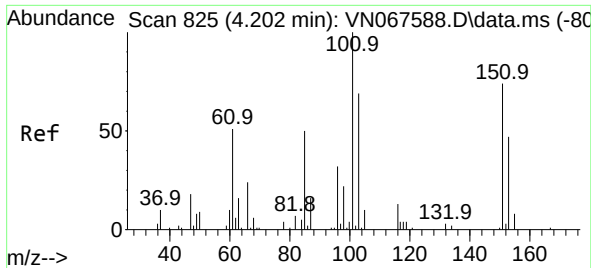
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#8
 Diethyl Ether
 Concen: 25.690 ug/l
 RT: 3.819 min Scan# 682
 Delta R.T. 0.000 min
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 Acq: 1 Jul 2021 10:35

Tgt Ion: 74 Resp: 70469
 Ion Ratio Lower Upper
 74 100
 45 94.5 20.3 182.5





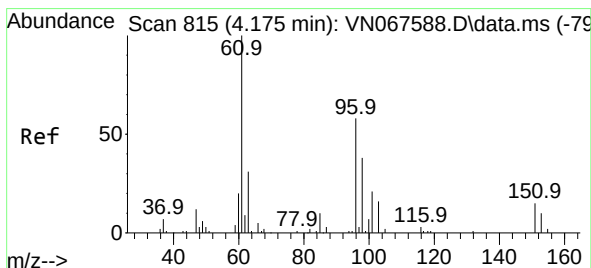
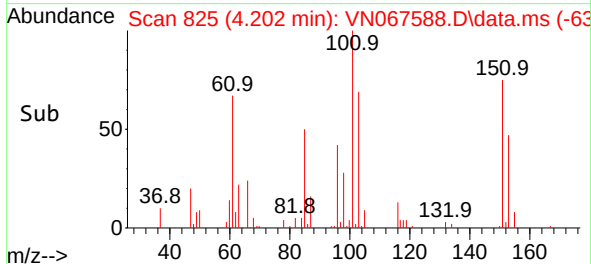
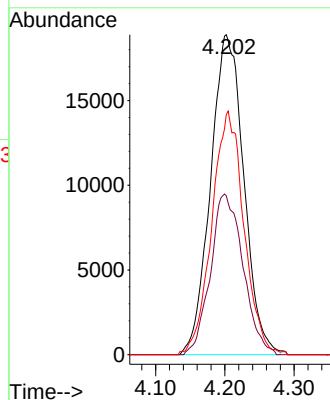
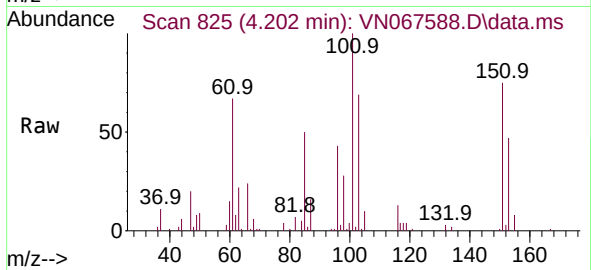
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1,1,2-Trichlorotrifluoroethane
Concen: 18.352 ug/l
RT: 4.202 min Scan# 825
Delta R.T. 0.000 min
Lab File: VN067588.D
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Tgt Ion	Ratio	Lower	Upper
101	100		
85	49.2	0.0	97.8
151	44.4	0.0	135.0

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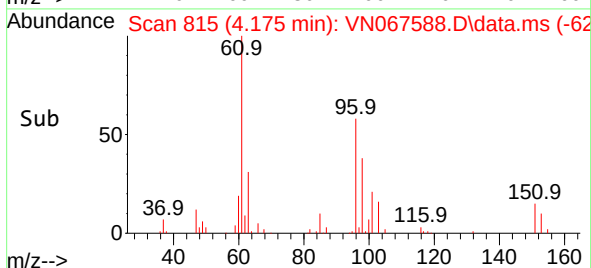
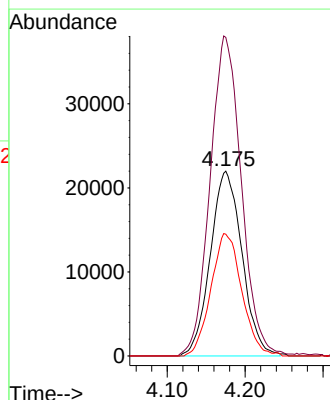
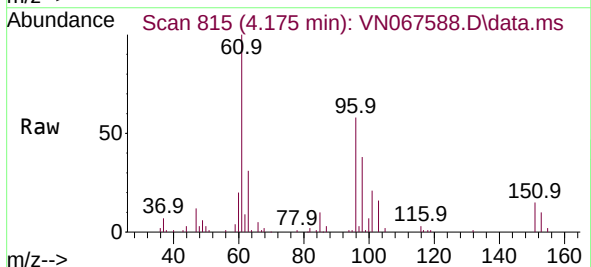
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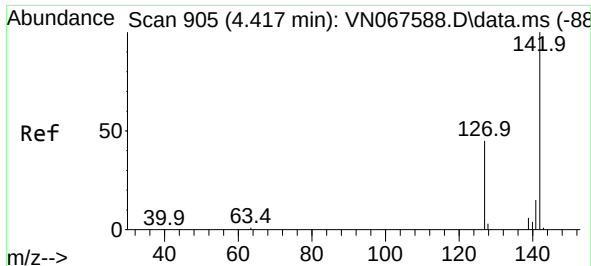
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#10
1,1-Dichloroethene
Concen: 18.649 ug/l
RT: 4.175 min Scan# 815
Delta R.T. 0.000 min
Lab File: VN067588.D
Acq: 1 Jul 2021 10:35

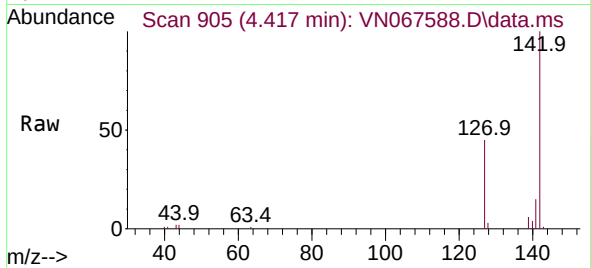
Tgt Ion	Ratio	Lower	Upper
96	100		
61	171.4	148.3	222.5
98	65.9	48.6	73.0





#11
Methyl Iodide
Concen: 19.453 ug/l
RT: 4.417 min Scan# 905
Delta R.T. 0.000 min
Lab File: VN067588.D
Acq: 1 Jul 2021 10:35

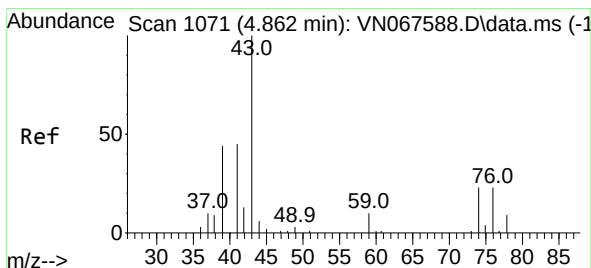
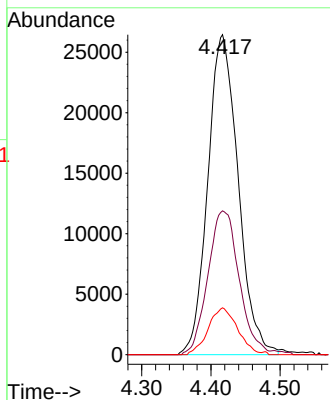
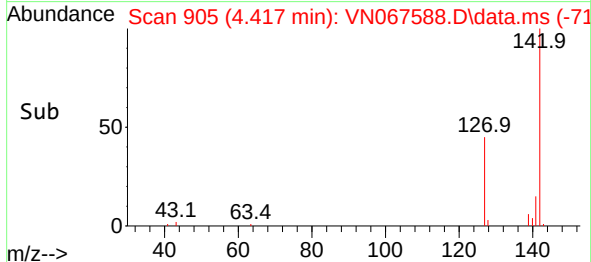
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



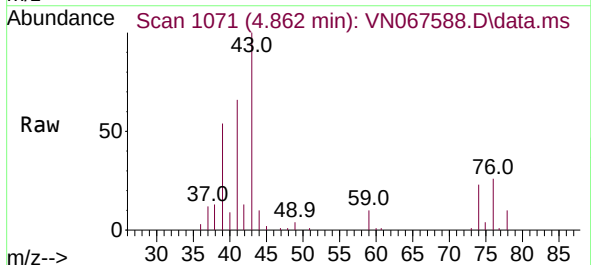
Tgt Ion:142 Resp: 80535
Ion Ratio Lower Upper
142 100
127 44.8 27.2 81.5
141 14.8 6.9 20.7

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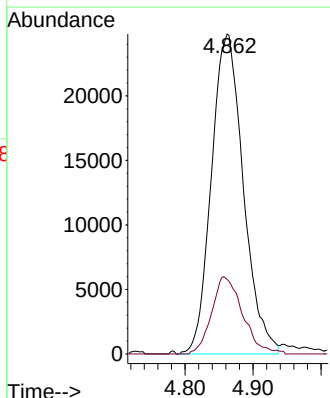
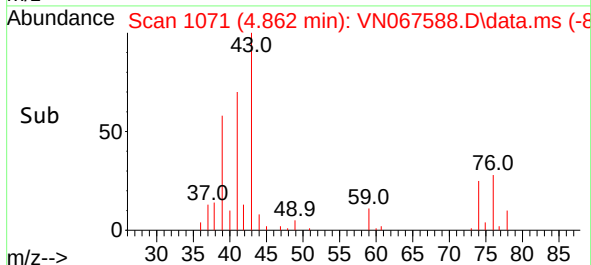
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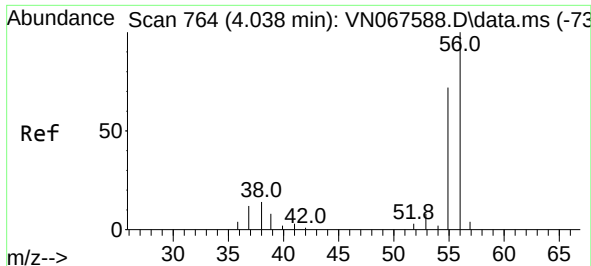


#12
Methyl Acetate
Concen: 16.795 ug/l
RT: 4.862 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN067588.D
Acq: 1 Jul 2021 10:35



Tgt Ion: 43 Resp: 80887
Ion Ratio Lower Upper
43 100
74 23.1 16.6 25.0





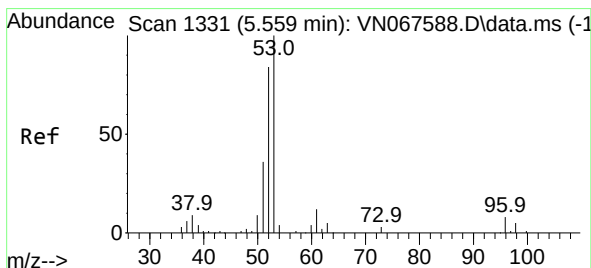
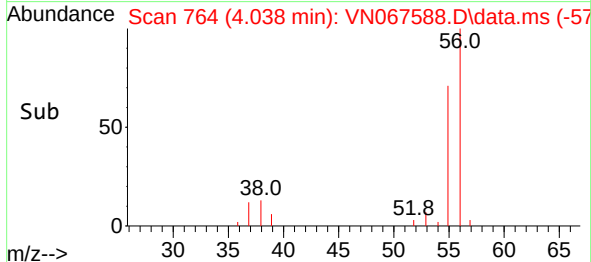
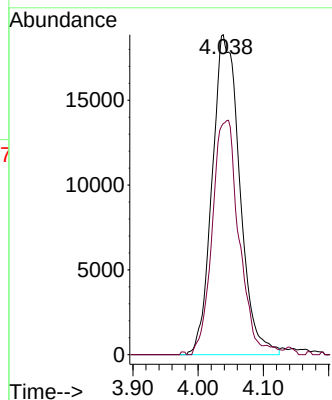
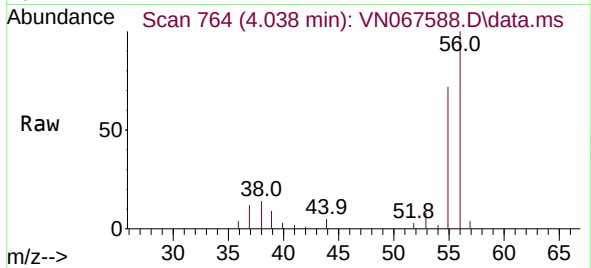
#13
Acrolein
Concen: 91.796 ug/l m
RT: 4.038 min Scan# 764
Delta R.T. 0.000 min
Lab File: VN067588.D
Acq: 1 Jul 2021 10:35

Tgt Ion: 56 Resp: 55330
Ion Ratio Lower Upper
56 100
55 0.2 57.5 86.3#

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

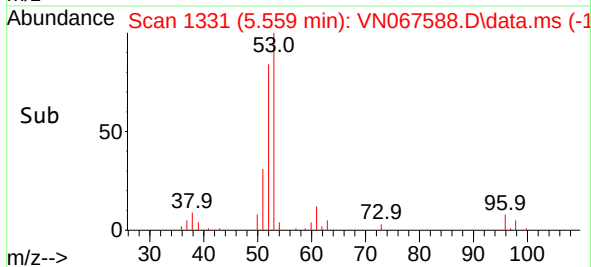
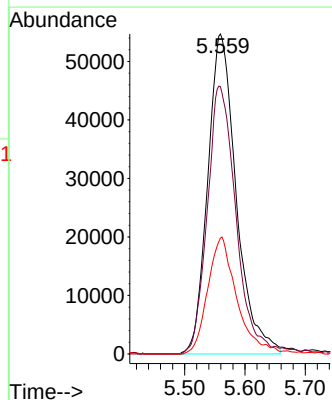
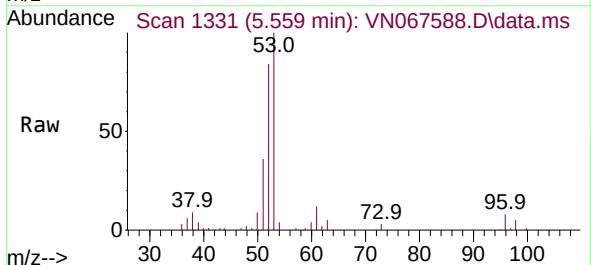
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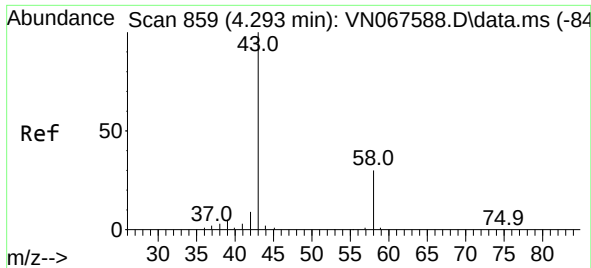
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#14
Acrylonitrile
Concen: 87.810 ug/l
RT: 5.559 min Scan# 1331
Delta R.T. 0.000 min
Lab File: VN067588.D
Acq: 1 Jul 2021 10:35

Tgt Ion: 53 Resp: 179886
Ion Ratio Lower Upper
53 100
52 81.9 41.8 125.4
51 36.0 18.1 54.3





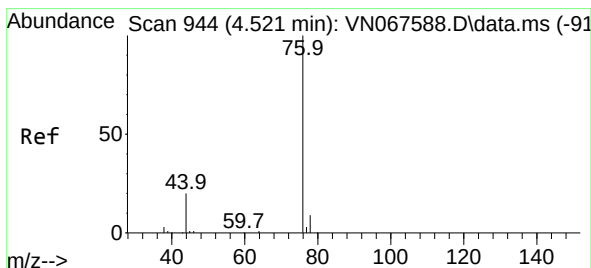
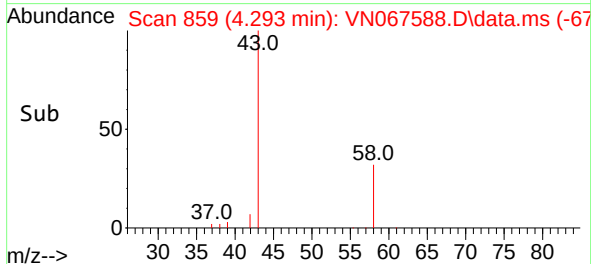
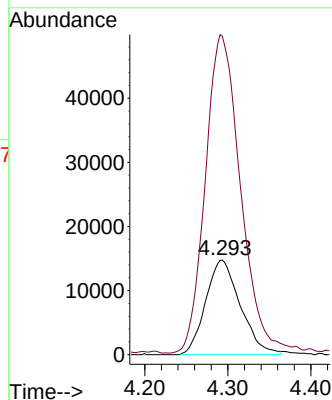
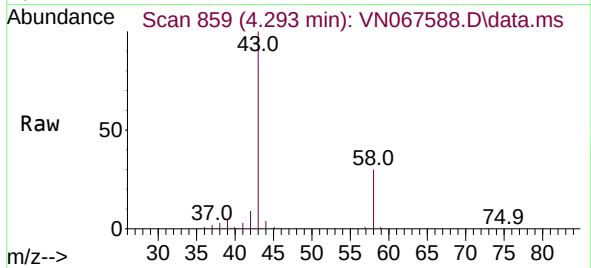
#15
Acetone
Concen: 84.567 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.000 min
Lab File: VN067588.D
Acq: 1 Jul 2021 10:35

Tgt Ion: 58 Resp: 42873
Ion Ratio Lower Upper
58 100
43 331.7 289.6 434.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

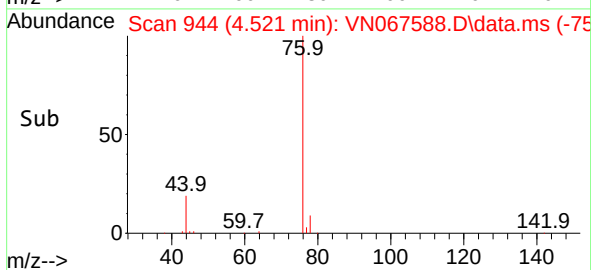
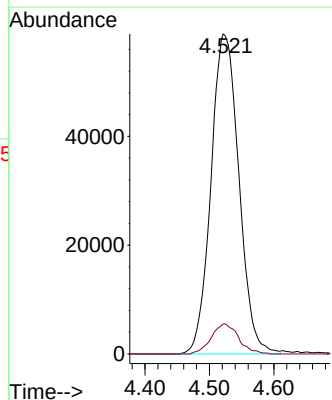
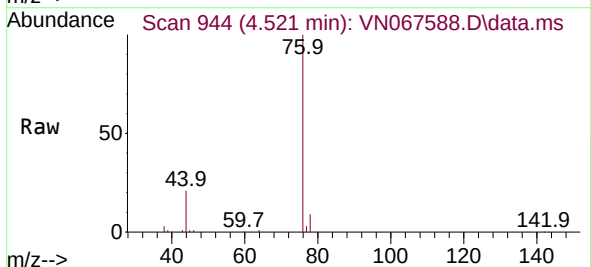
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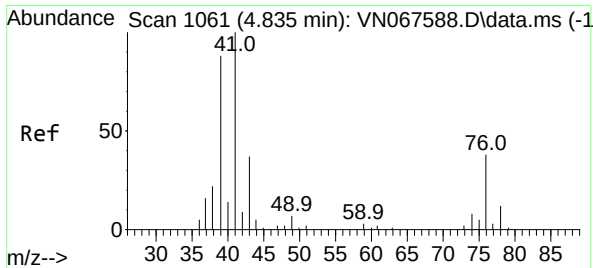
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#16
Carbon Disulfide
Concen: 17.108 ug/l
RT: 4.521 min Scan# 944
Delta R.T. 0.000 min
Lab File: VN067588.D
Acq: 1 Jul 2021 10:35

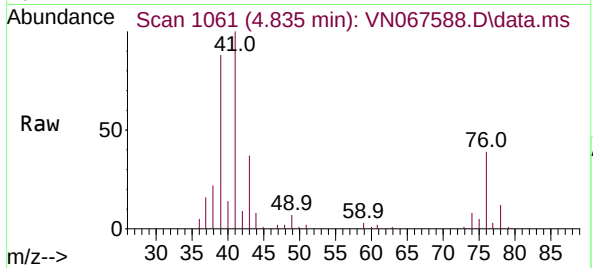
Tgt Ion: 76 Resp: 177077
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.4





#17
Allyl chloride
Concen: 15.590 ug/l
RT: 4.835 min Scan# 1061
Delta R.T. 0.000 min
Lab File: VN067588.D
Acq: 1 Jul 2021 10:35

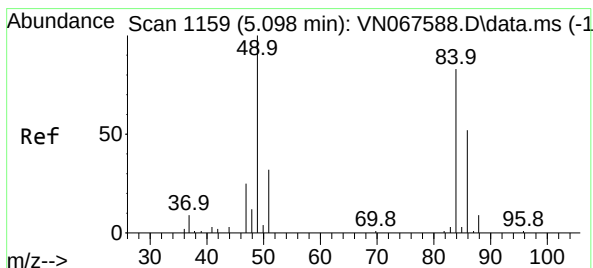
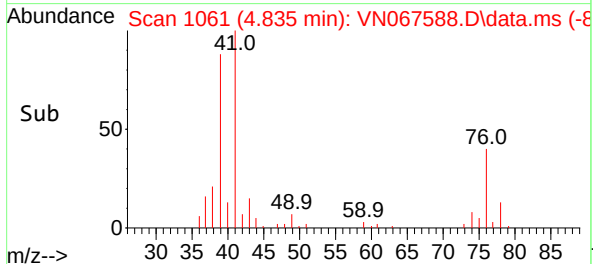
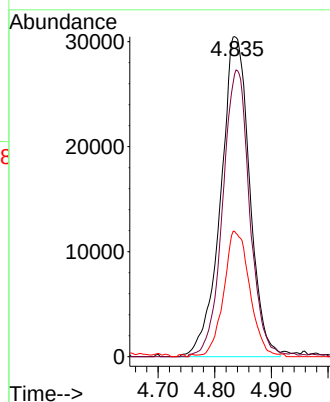
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion:	41	Resp:	108308
Ion Ratio	Lower	Upper	
41	100		
39	87.5	39.8	119.4
76	38.5	16.8	50.4

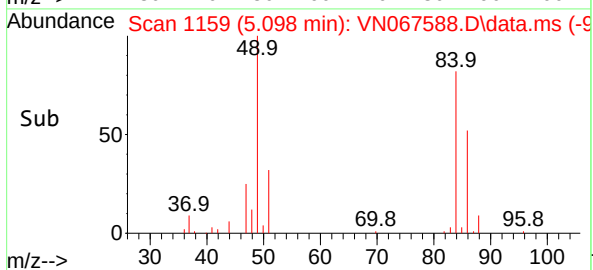
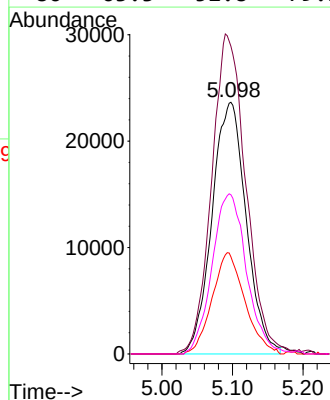
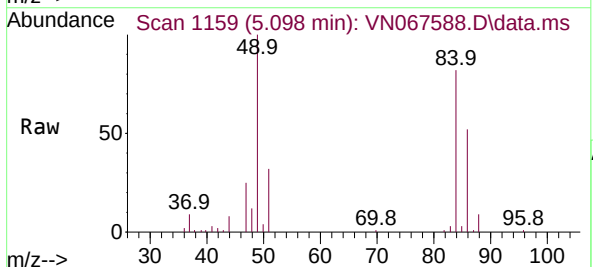
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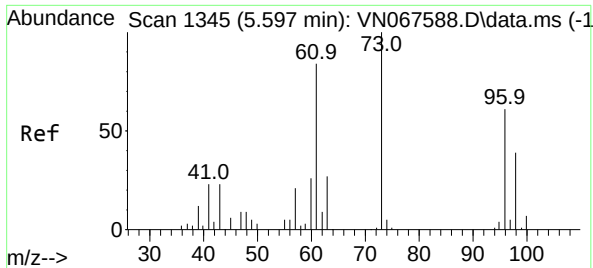
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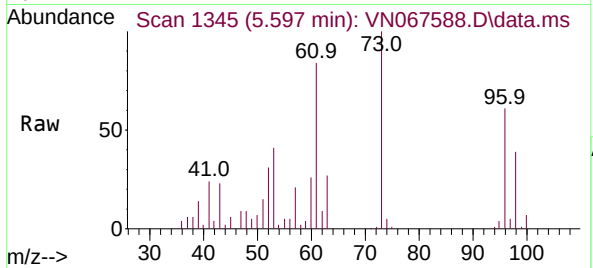
#18
Methylene Chloride
Concen: 19.044 ug/l
RT: 5.098 min Scan# 1159
Delta R.T. 0.000 min
Lab File: VN067588.D
Acq: 1 Jul 2021 10:35

Tgt Ion:	84	Resp:	79540
Ion Ratio	Lower	Upper	
84	100		
49	121.0	110.9	166.3
51	38.6	31.2	46.8
86	63.3	52.8	79.2

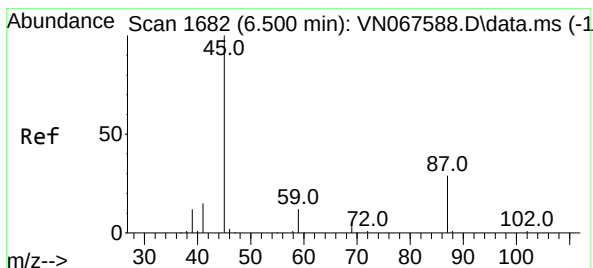
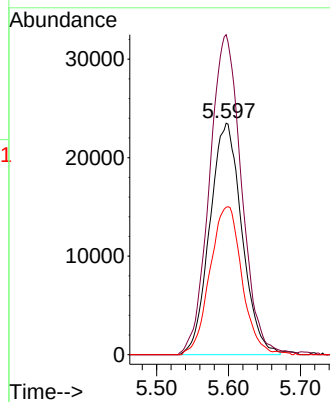
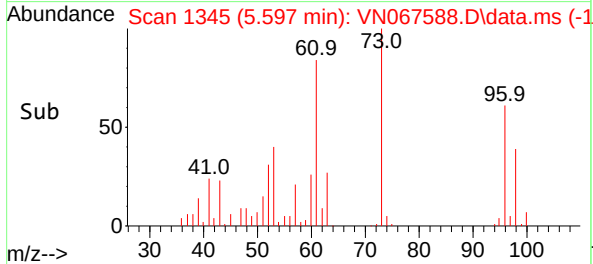




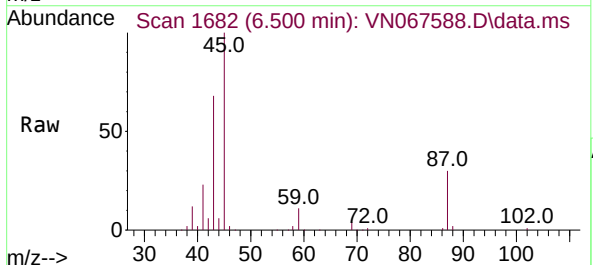
#19
trans-1,2-Dichloroethene
Concen: 19.575 ug/l
RT: 5.597 min Scan# 1345
Delta R.T. 0.000 min
Lab File: VN067588.D
Acq: 1 Jul 2021 10:35



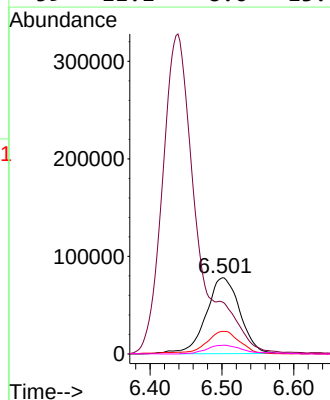
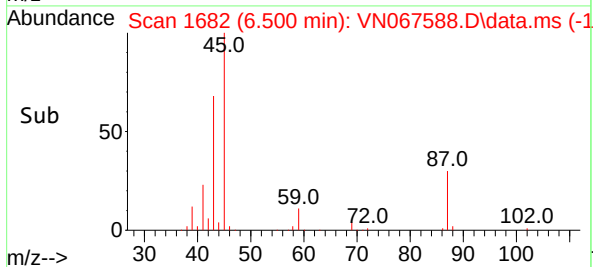
Tgt Ion: 96 Resp: 72912
Ion Ratio Lower Upper
96 100
61 137.3 129.3 193.9
98 63.7 48.0 72.0



#20
Diisopropyl ether
Concen: 17.861 ug/l
RT: 6.500 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN067588.D
Acq: 1 Jul 2021 10:35



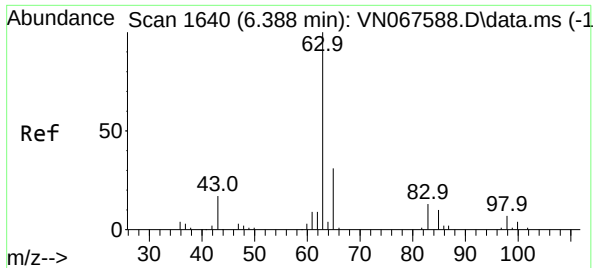
Tgt Ion: 45 Resp: 249941
Ion Ratio Lower Upper
45 100
43 66.2 48.1 72.1
87 29.5 19.8 29.6
59 11.1 8.6 13.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

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#21

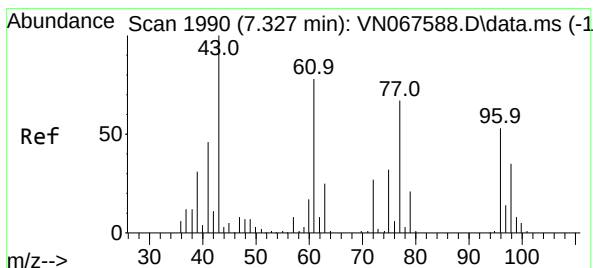
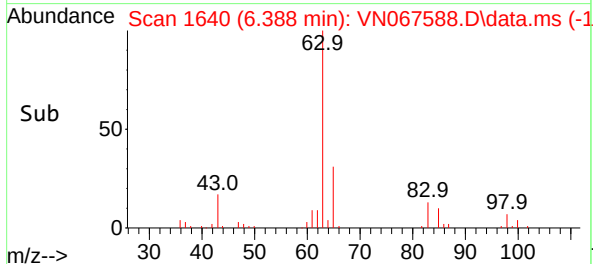
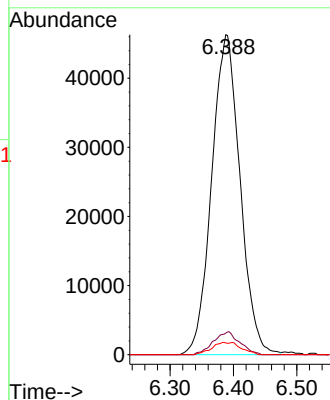
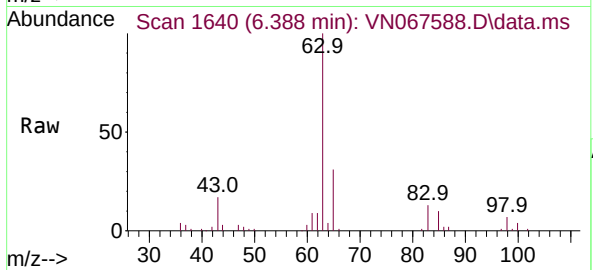
1,1-Dichloroethane
Concen: 18.420 ug/l
RT: 6.388 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VN067588.D
Acq: 1 Jul 2021 10:35

Tgt Ion: 63 Resp: 143939
Ion Ratio Lower Upper
63 100
98 6.7 2.7 8.1
100 3.7 1.8 5.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

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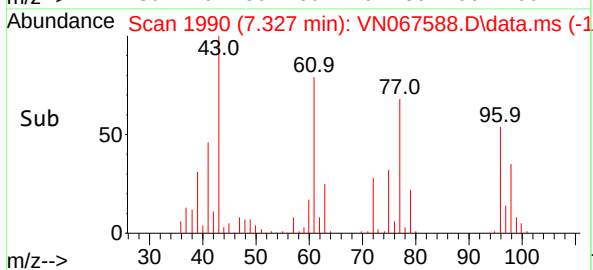
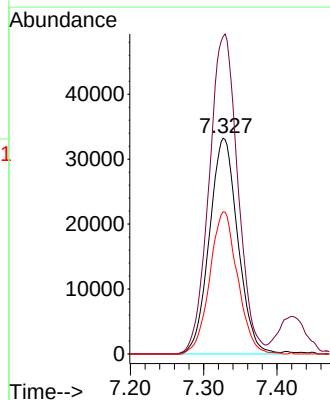
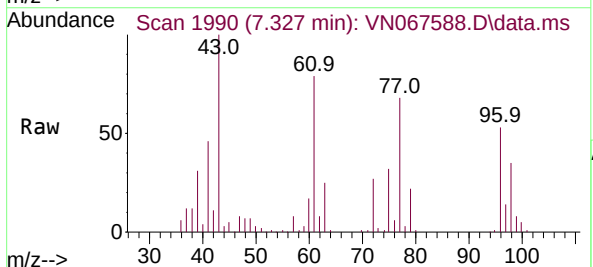
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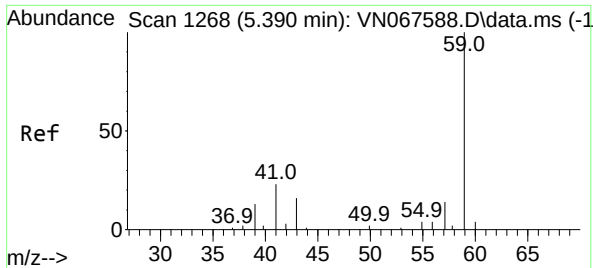


#22

cis-1,2-Dichloroethene
Concen: 20.053 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. 0.000 min
Lab File: VN067588.D
Acq: 1 Jul 2021 10:35

Tgt Ion: 96 Resp: 89777
Ion Ratio Lower Upper
96 100
61 149.6 131.2 196.8
98 64.3 50.7 76.1





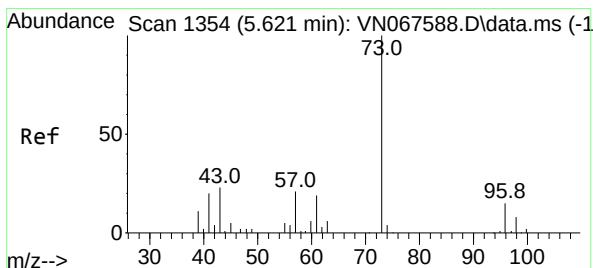
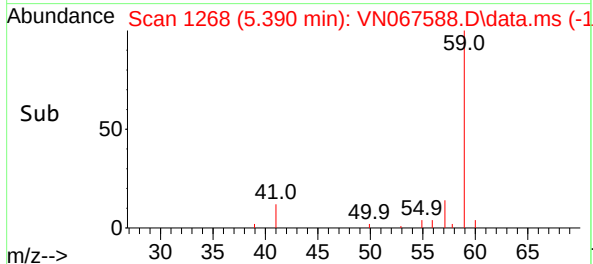
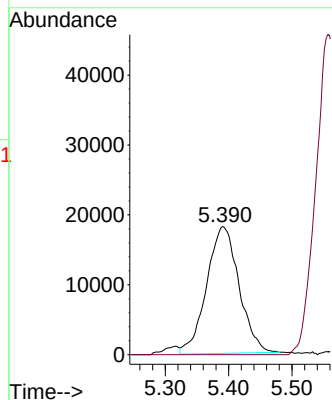
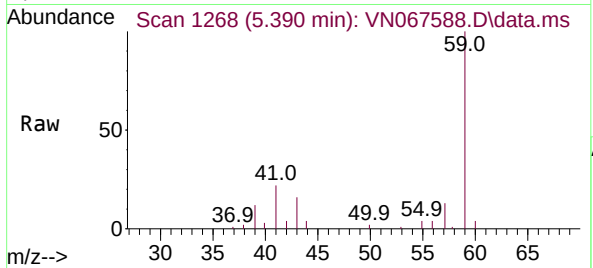
#23
tert-Butyl Alcohol
Concen: 73.328 ug/l
RT: 5.390 min Scan# 1268
Delta R.T. 0.000 min
Lab File: VN067588.D
Acq: 1 Jul 2021 10:35

Tgt Ion: 59 Resp: 64586
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1#

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

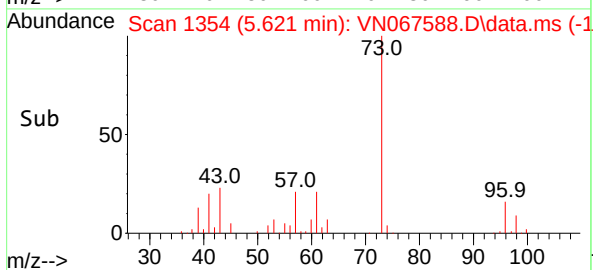
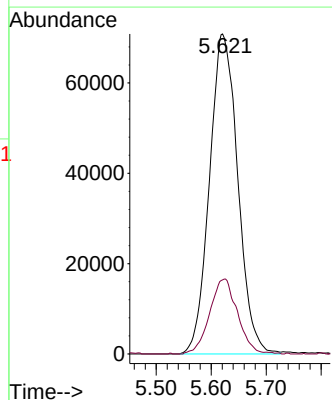
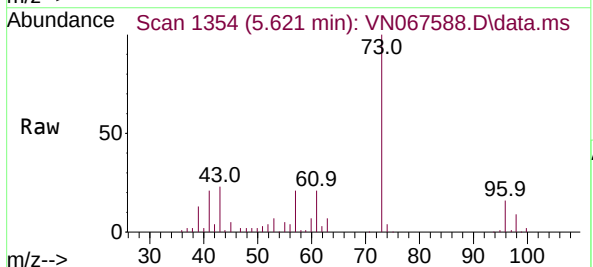
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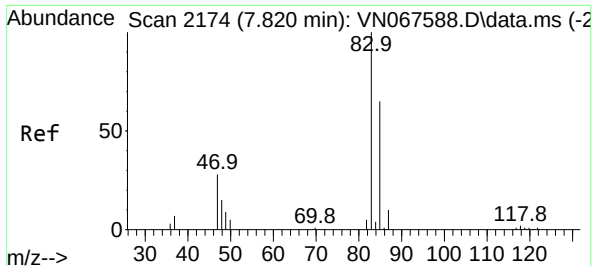
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#24
Methyl tert-Butyl Ether
Concen: 17.964 ug/l
RT: 5.621 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VN067588.D
Acq: 1 Jul 2021 10:35

Tgt Ion: 73 Resp: 253501
Ion Ratio Lower Upper
73 100
43 22.9 20.0 30.0





#25

Chloroform

Concen: 19.442 ug/l

RT: 7.820 min Scan# 2174

Delta R.T. 0.000 min

Lab File: VN067588.D

Acq: 1 Jul 2021 10:35

Tgt Ion: 83 Resp: 158861

Ion Ratio Lower Upper

83 100

85 65.1 51.5 77.3

Instrument :

MSVOA_N

ClientSampleId :

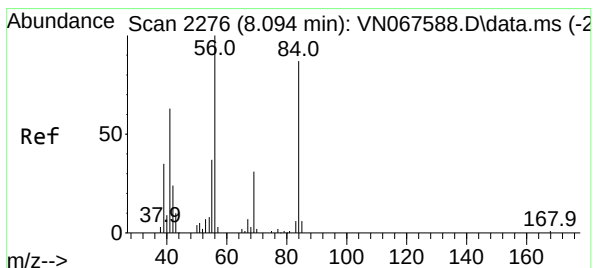
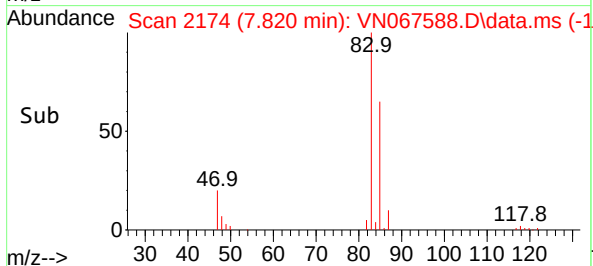
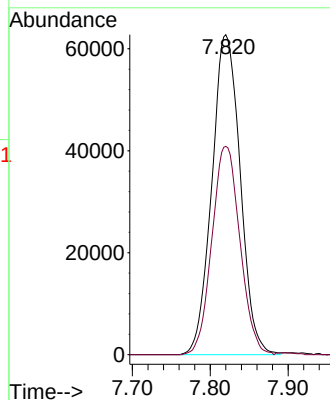
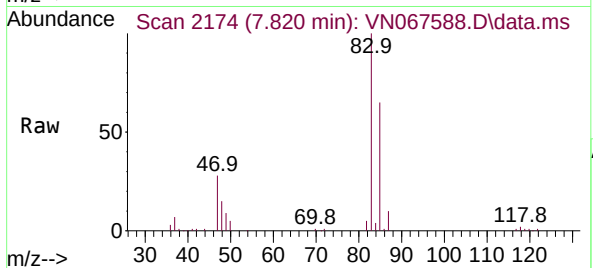
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Manual Integrations

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#26

Cyclohexane

Concen: 18.737 ug/l

RT: 8.094 min Scan# 2276

Delta R.T. 0.000 min

Lab File: VN067588.D

Acq: 1 Jul 2021 10:35

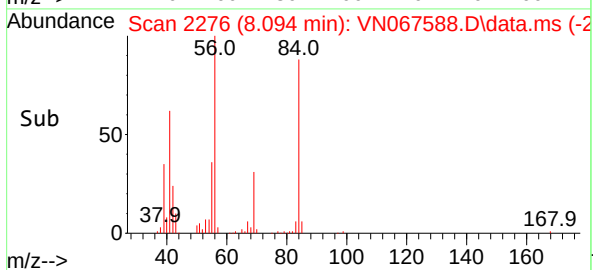
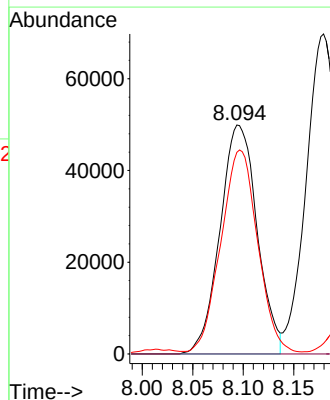
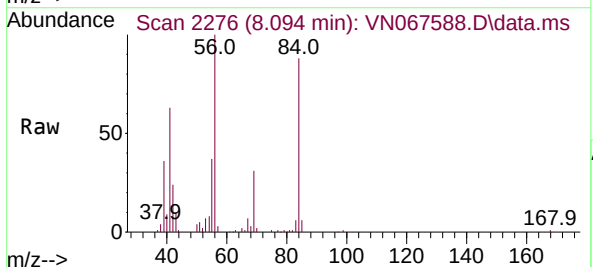
Tgt Ion: 56 Resp: 127590

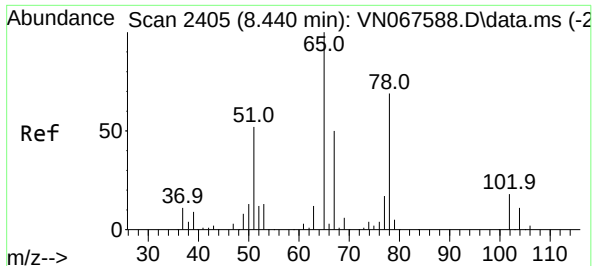
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

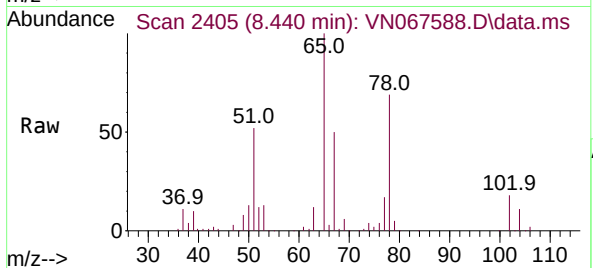
84 86.7 66.2 99.2





#27
 1,2-Dichloroethane-d4
 Concen: 26.489 ug/l
 RT: 8.440 min Scan# 2405
 Delta R.T. 0.000 min
 Lab File: VN067588.D
 Acq: 1 Jul 2021 10:35

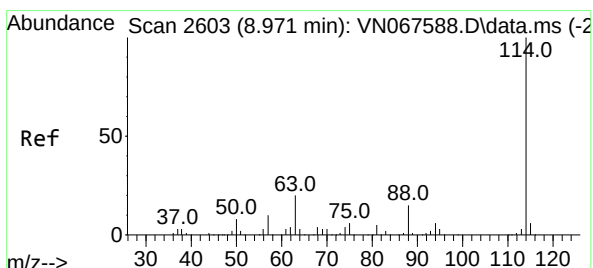
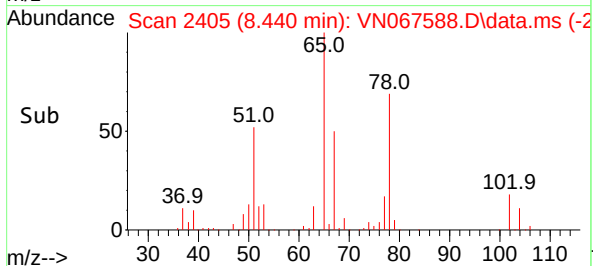
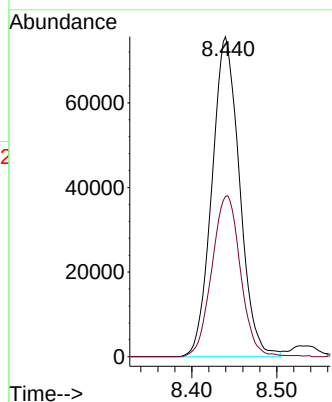
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020



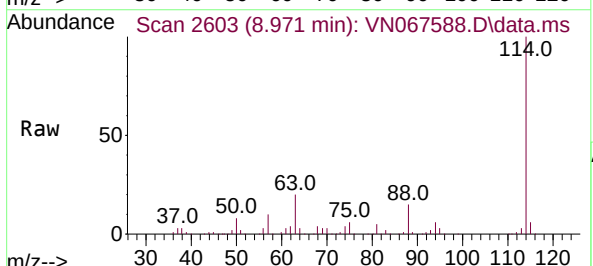
Tgt Ion: 65 Resp: 171032
 Ion Ratio Lower Upper
 65 100
 67 51.6 39.8 59.8

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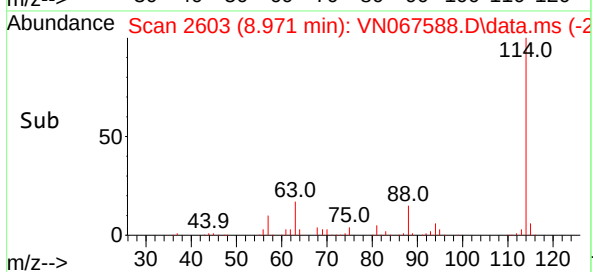
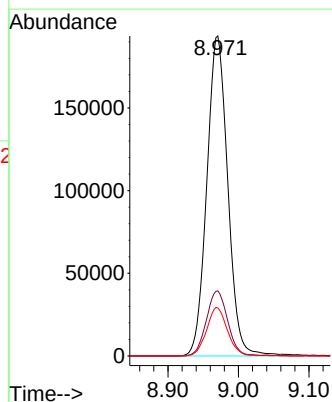
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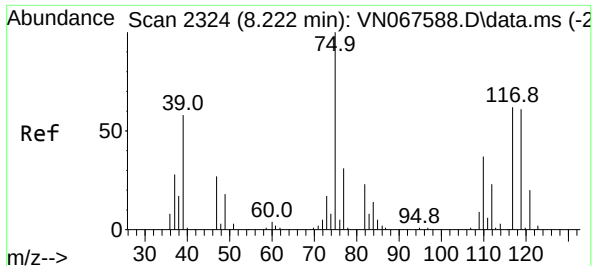


#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.971 min Scan# 2603
 Delta R.T. 0.000 min
 Lab File: VN067588.D
 Acq: 1 Jul 2021 10:35



Tgt Ion: 114 Resp: 399870
 Ion Ratio Lower Upper
 114 100
 63 20.6 20.3 30.5
 88 15.0 14.6 22.0





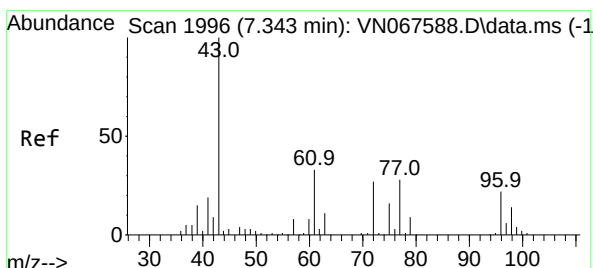
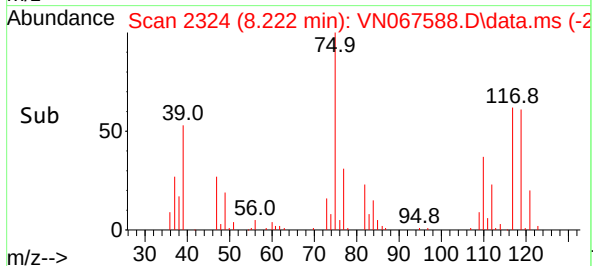
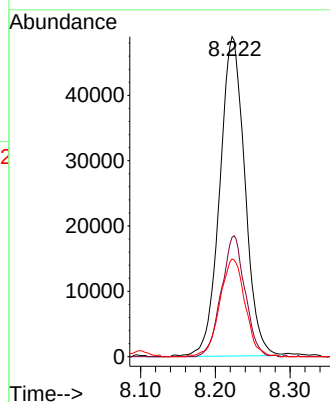
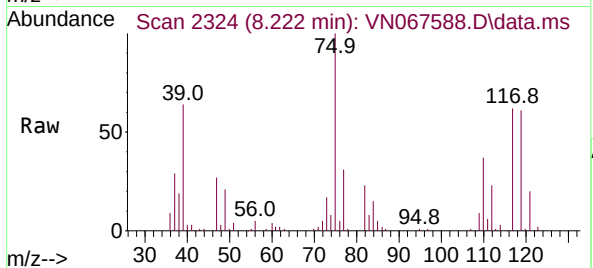
#29
1,1-Dichloropropene
Concen: 18.966 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VN067588.D
Acq: 1 Jul 2021 10:35

Tgt Ion: 75 Resp: 113764
Ion Ratio Lower Upper
75 100
110 35.7 0.0 63.4
77 30.9 0.0 63.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

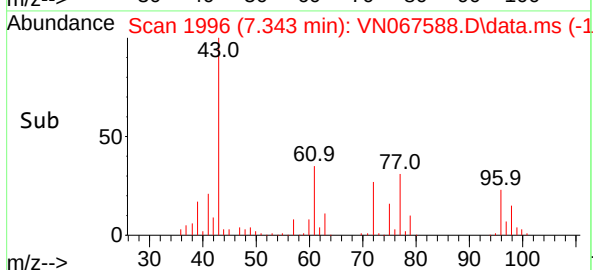
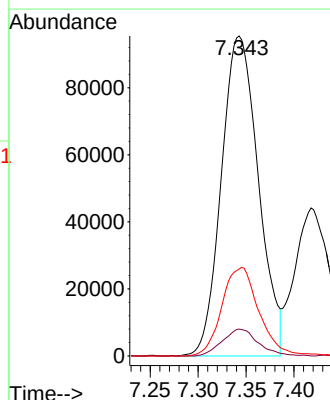
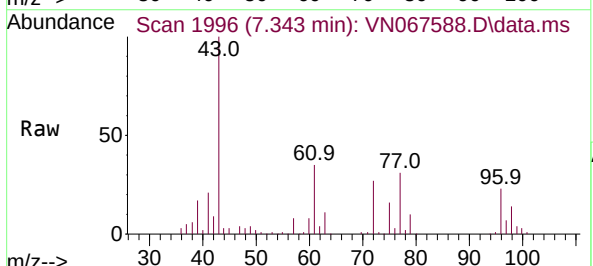
Manual Integrations
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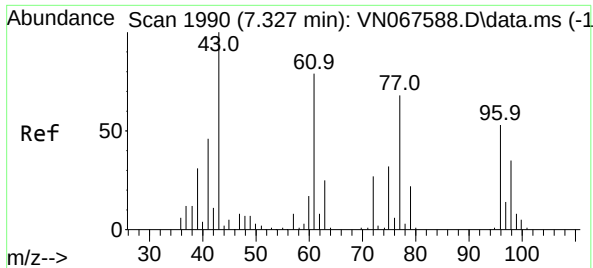
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#30
2-Butanone
Concen: 85.685 ug/l
RT: 7.343 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN067588.D
Acq: 1 Jul 2021 10:35

Tgt Ion: 43 Resp: 256281
Ion Ratio Lower Upper
43 100
57 8.1 6.9 10.3
72 27.6 20.0 30.0





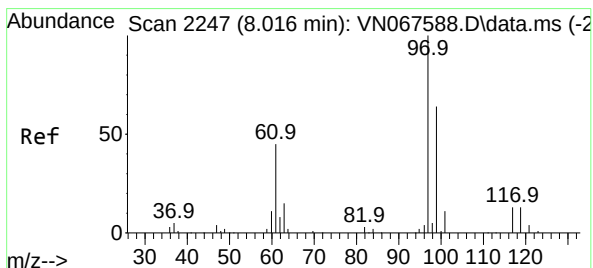
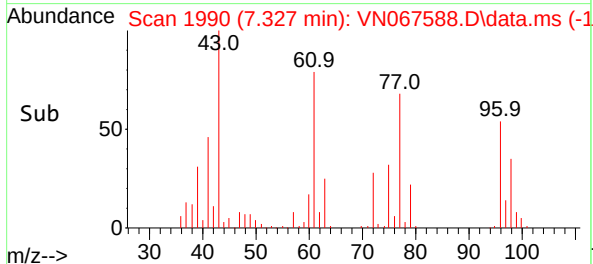
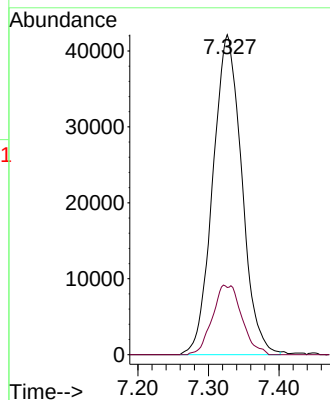
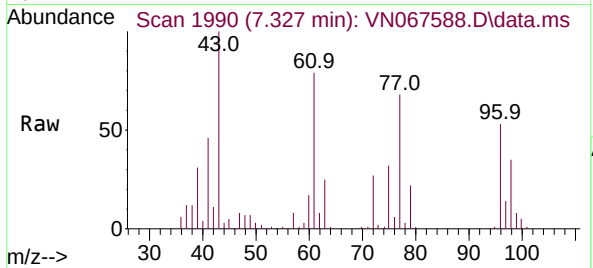
#31
2,2-Dichloropropane
Concen: 18.834 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. 0.000 min
Lab File: VN067588.D
Acq: 1 Jul 2021 10:35

Tgt Ion: 77 Resp: 120017
Ion Ratio Lower Upper
77 100
97 11.5 16.3 24.5#

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

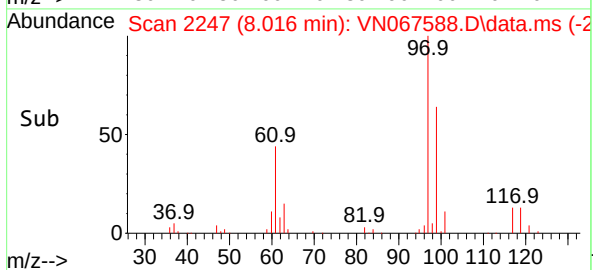
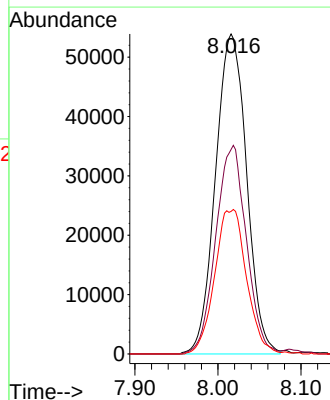
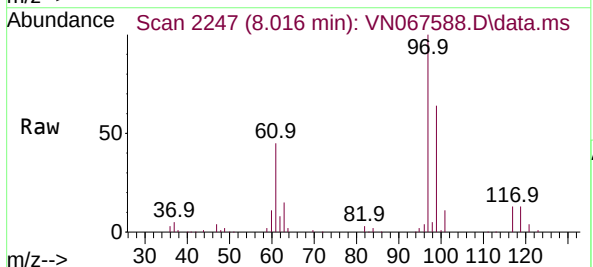
Manual Integrations
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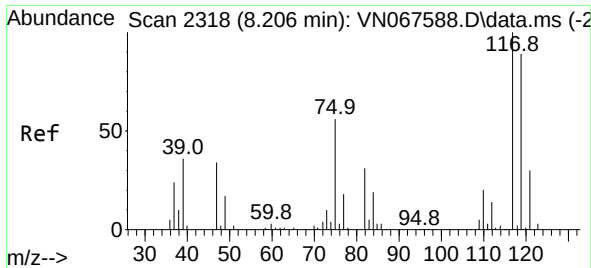
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#32
1,1,1-Trichloroethane
Concen: 18.668 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. 0.000 min
Lab File: VN067588.D
Acq: 1 Jul 2021 10:35

Tgt Ion: 97 Resp: 140444
Ion Ratio Lower Upper
97 100
99 64.1 49.7 74.5
61 22.1 38.0 57.0#





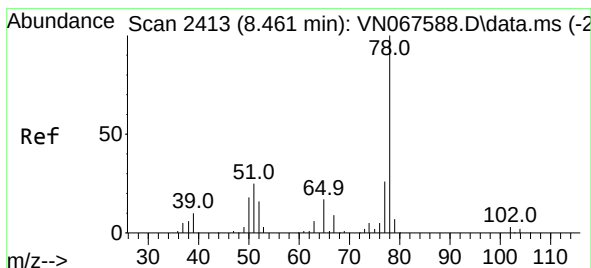
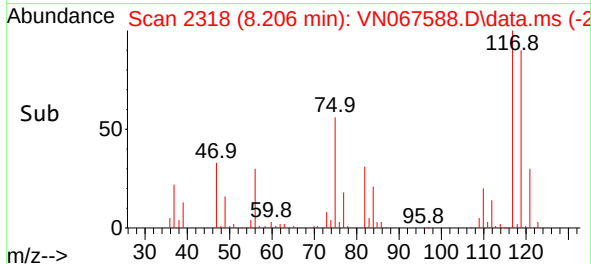
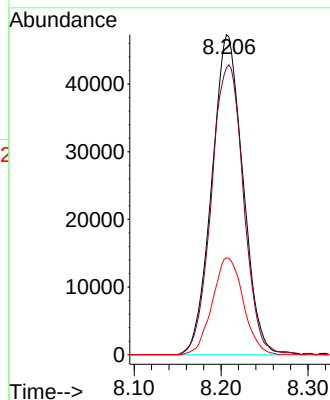
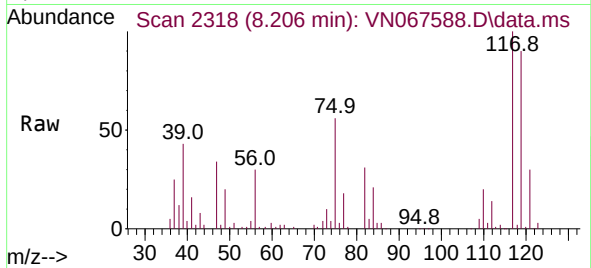
#33
Carbon Tetrachloride
Concen: 18.497 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. 0.000 min
Lab File: VN067588.D
Acq: 1 Jul 2021 10:35

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC020

Tgt Ion:117 Resp: 117338
Ion Ratio Lower Upper
117 100
119 89.4 73.3 109.9
121 30.3 24.2 36.4

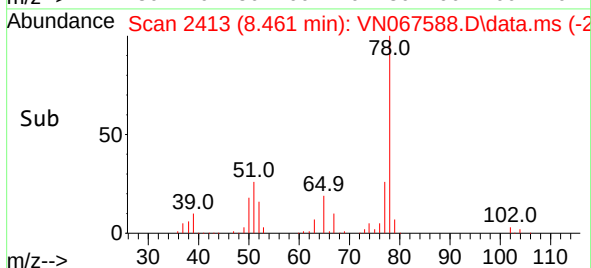
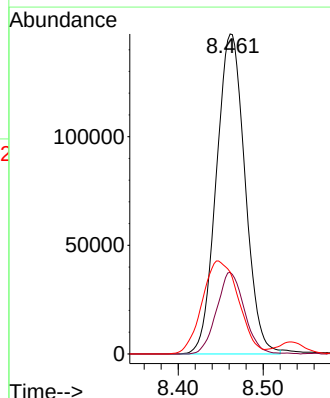
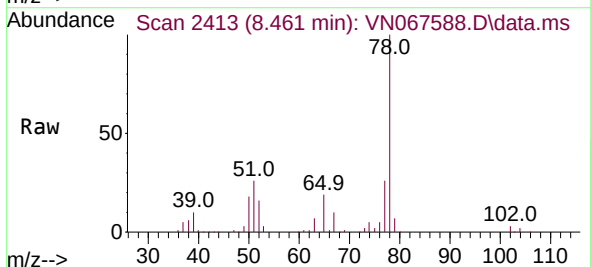
Manual Integrations
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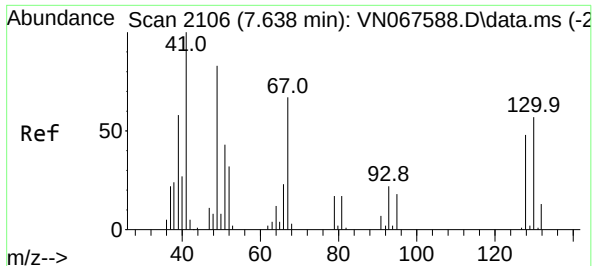
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#34
Benzene
Concen: 20.086 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN067588.D
Acq: 1 Jul 2021 10:35

Tgt Ion: 78 Resp: 344683
Ion Ratio Lower Upper
78 100
77 25.5 18.6 28.0
51 24.9 20.0 30.0





#35

Methacrylonitrile

Concen: 16.876 ug/l

RT: 7.638 min Scan# 2106

Delta R.T. 0.000 min

Lab File: VN067588.D

Acq: 1 Jul 2021 10:35

Tgt Ion: 41 Resp: 53915

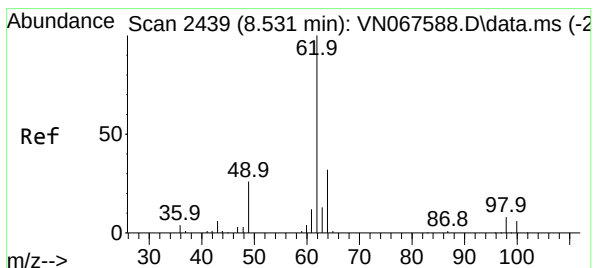
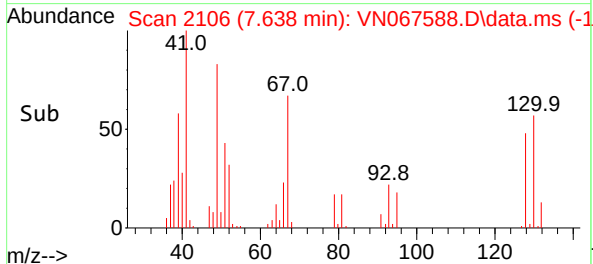
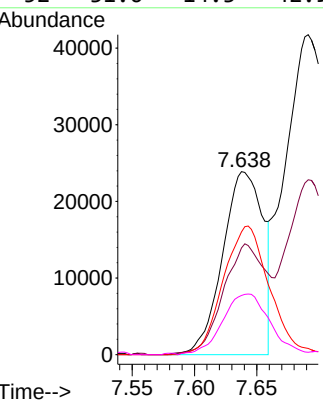
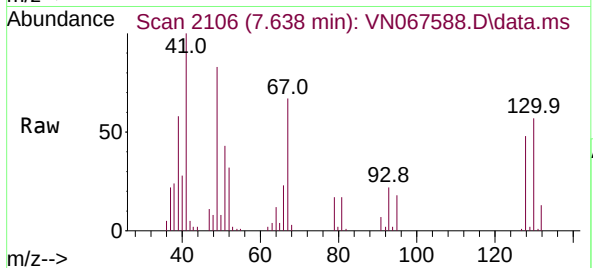
Ion Ratio Lower Upper

41 100

39 58.2 30.3 90.9

67 67.1 32.1 96.3

52 31.6 14.3 42.9



#36

1,2-Dichloroethane

Concen: 18.085 ug/l

RT: 8.531 min Scan# 2439

Delta R.T. 0.000 min

Lab File: VN067588.D

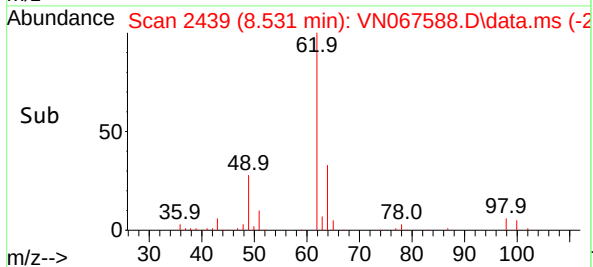
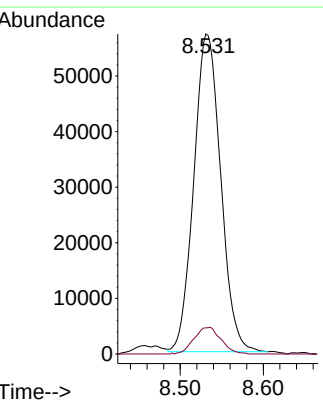
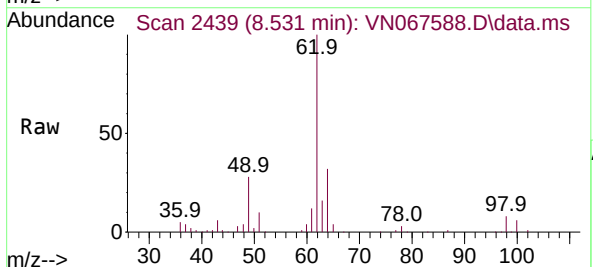
Acq: 1 Jul 2021 10:35

Tgt Ion: 62 Resp: 128632

Ion Ratio Lower Upper

62 100

98 0.0 6.0 9.0#



Instrument :

MSVOA_N

ClientSampleId :

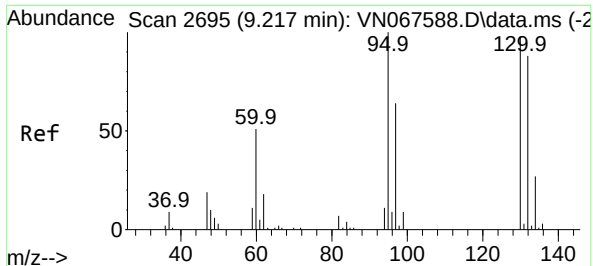
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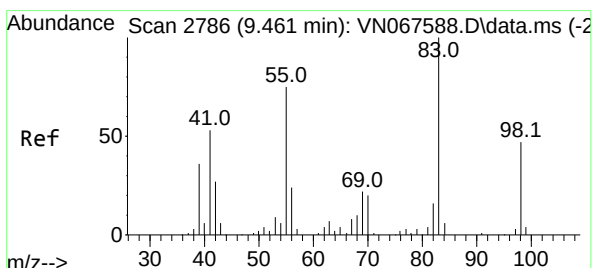
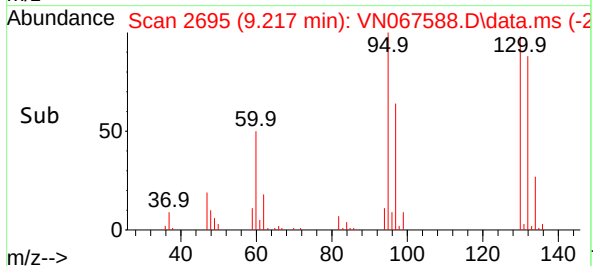
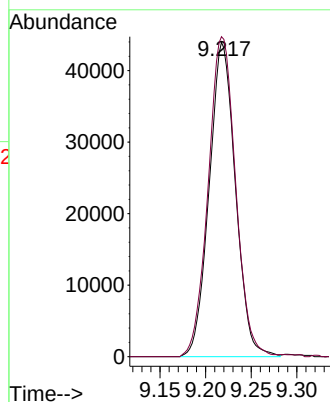
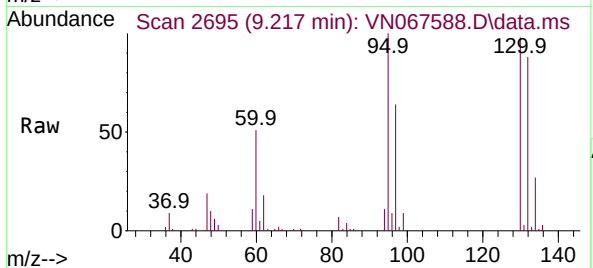
#37
Trichloroethene
Concen: 21.136 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. 0.000 min
Lab File: VN067588.D
Acq: 1 Jul 2021 10:35

Tgt Ion:130 Resp: 87999
Ion Ratio Lower Upper
130 100
95 101.8 92.2 138.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

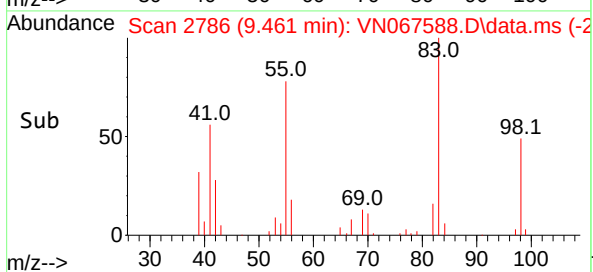
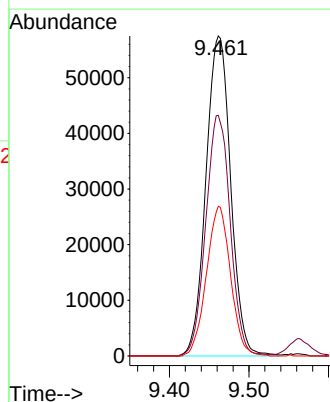
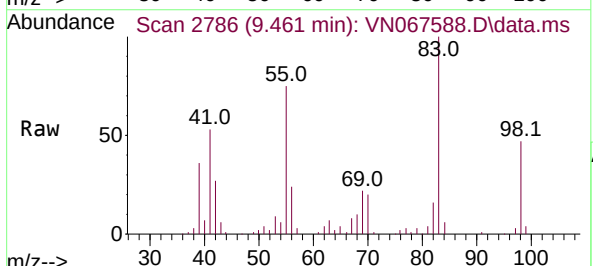
Manual Integrations
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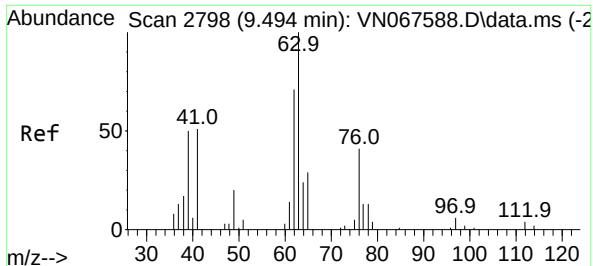
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#38
Methylcyclohexane
Concen: 19.810 ug/l
RT: 9.461 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VN067588.D
Acq: 1 Jul 2021 10:35

Tgt Ion: 83 Resp: 124737
Ion Ratio Lower Upper
83 100
55 74.5 41.5 124.6
98 45.4 22.4 67.0





#39

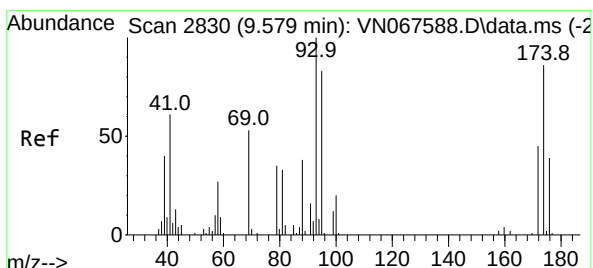
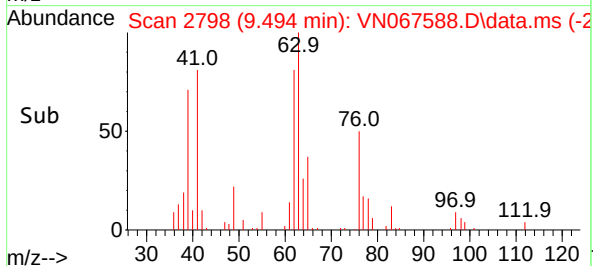
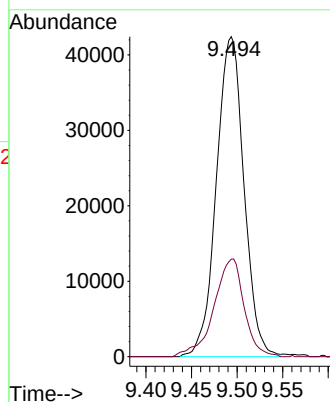
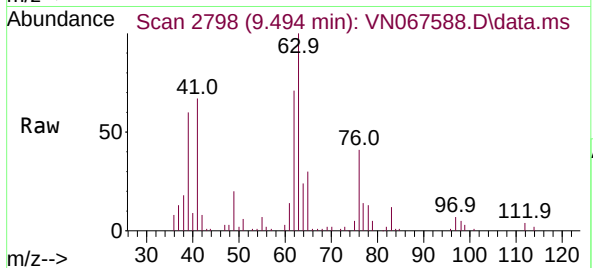
1,2-Dichloropropane
Concen: 19.432 ug/l
RT: 9.494 min Scan# 2798
Delta R.T. 0.000 min
Lab File: VN067588.D
Acq: 1 Jul 2021 10:35

Tgt Ion: 63 Resp: 89309
Ion Ratio Lower Upper
63 100
65 30.5 24.5 36.7

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations
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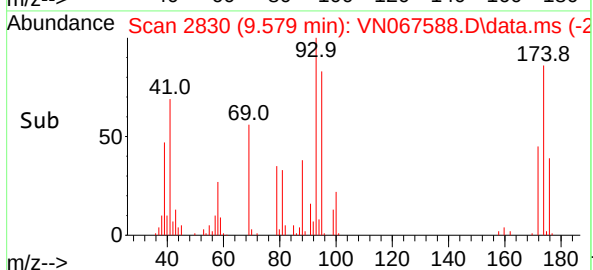
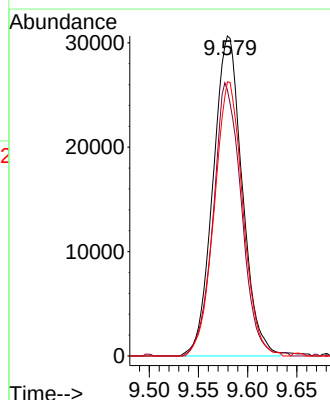
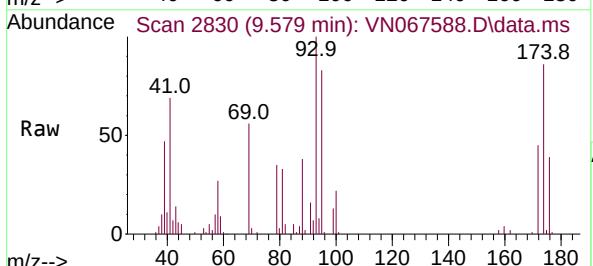
MMDadoda
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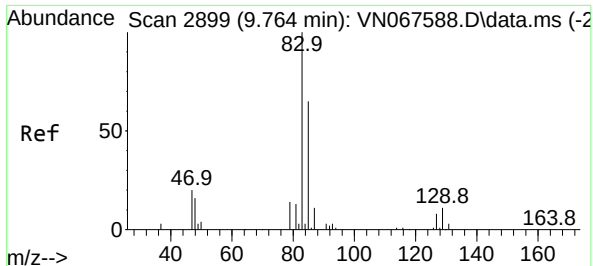


#40

Dibromomethane
Concen: 19.835 ug/l
RT: 9.579 min Scan# 2830
Delta R.T. 0.000 min
Lab File: VN067588.D
Acq: 1 Jul 2021 10:35

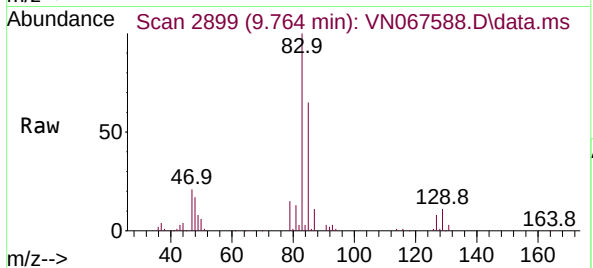
Tgt Ion: 93 Resp: 63326
Ion Ratio Lower Upper
93 100
95 82.3 0.0 167.6
174 83.9 0.0 148.4





#41
Bromodichloromethane
Concen: 18.403 ug/l
RT: 9.764 min Scan# 2899
Delta R.T. 0.000 min
Lab File: VN067588.D
Acq: 1 Jul 2021 10:35

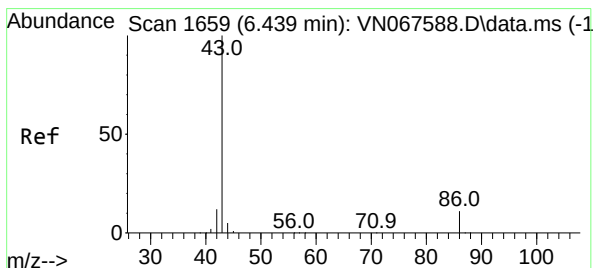
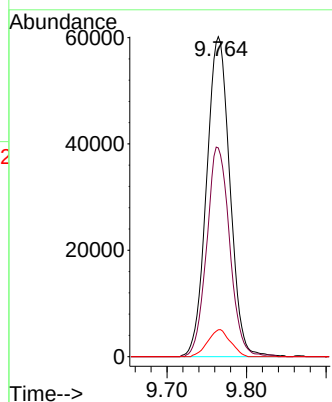
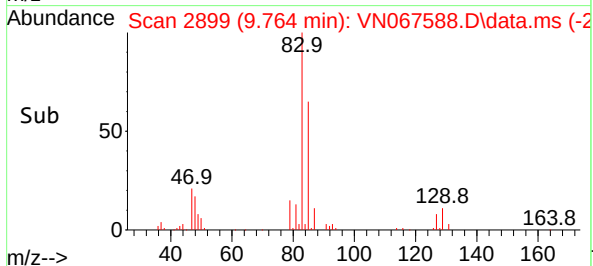
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



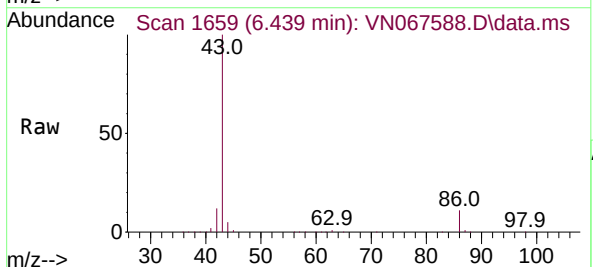
Tgt Ion: 83 Resp: 122307
Ion Ratio Lower Upper
83 100
85 65.3 51.2 76.8
127 8.4 6.6 9.8

Manual Integrations
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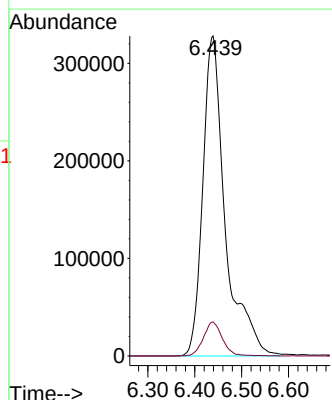
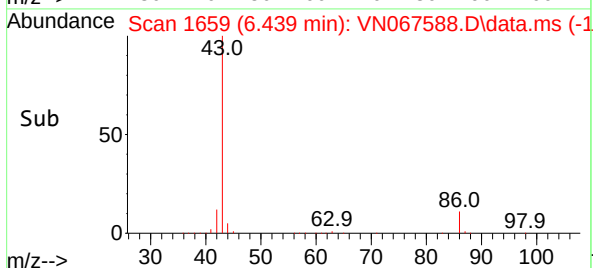
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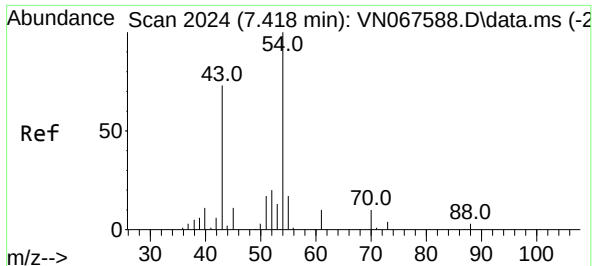


#42
Vinyl Acetate
Concen: 86.815 ug/l m
RT: 6.439 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VN067588.D
Acq: 1 Jul 2021 10:35



Tgt Ion: 43 Resp: 1092323
Ion Ratio Lower Upper
43 100
86 8.8 6.4 9.6





#43

Ethyl Acetate

Concen: 18.436 ug/l

RT: 7.418 min Scan# 2024

Delta R.T. 0.000 min

Lab File: VN067588.D

Acq: 1 Jul 2021 10:35

Tgt Ion: 43 Resp: 111406

Ion Ratio Lower Upper

43 100

45 5.9 1.0 1.6#

Instrument :

MSVOA_N

ClientSampleId :

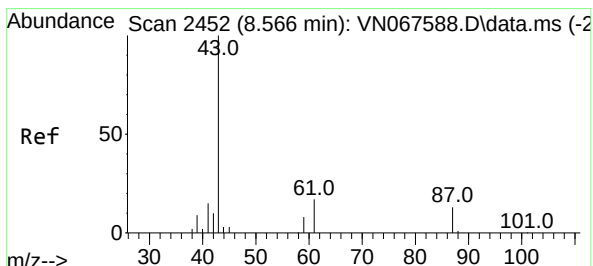
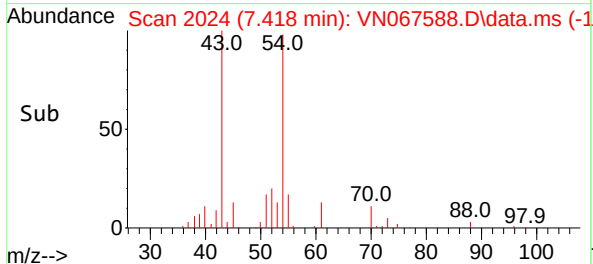
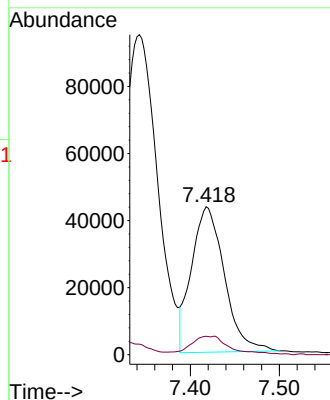
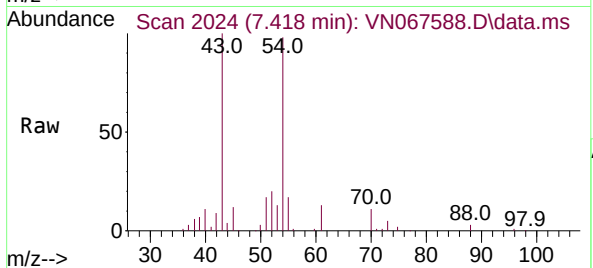
VSTDICCC020

Manual Integrations

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#44

Isopropyl Acetate

Concen: 17.484 ug/l

RT: 8.566 min Scan# 2452

Delta R.T. 0.000 min

Lab File: VN067588.D

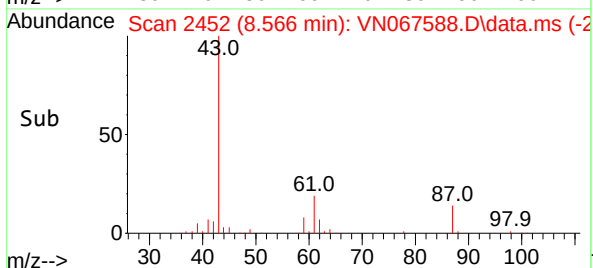
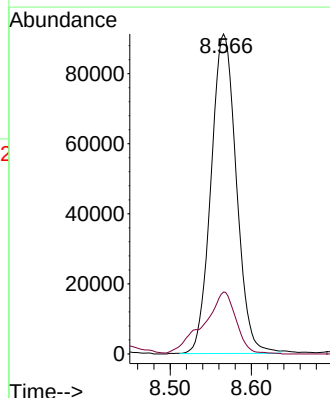
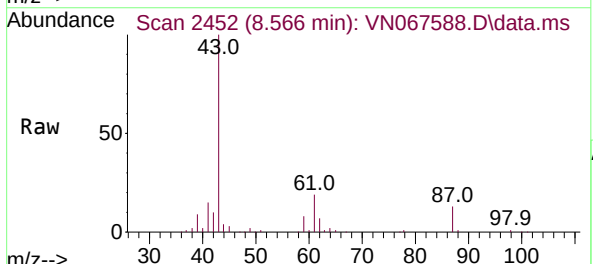
Acq: 1 Jul 2021 10:35

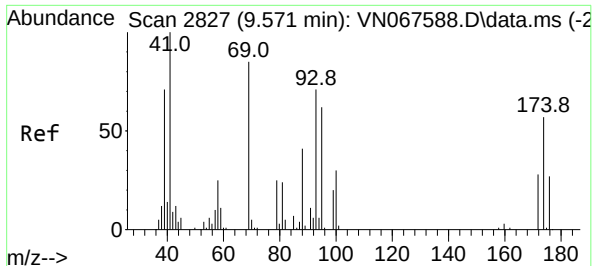
Tgt Ion: 43 Resp: 197492

Ion Ratio Lower Upper

43 100

61 14.5 19.0 28.6#





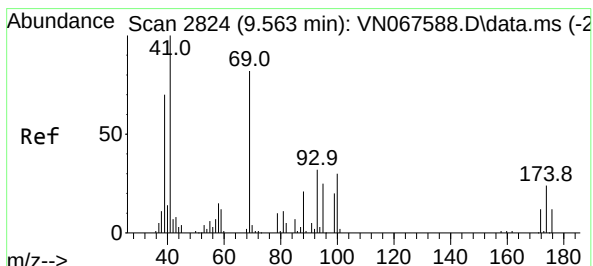
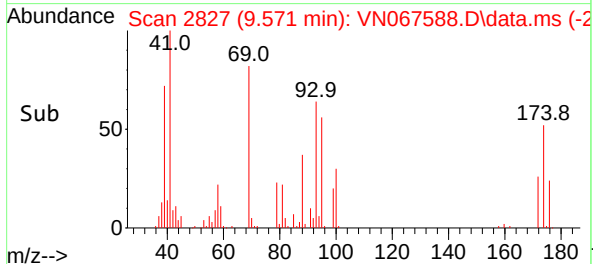
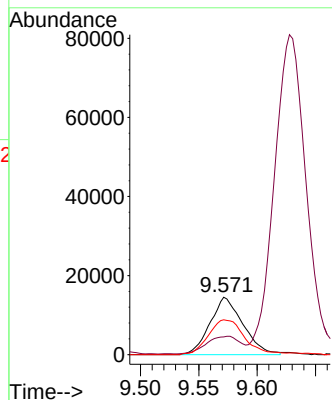
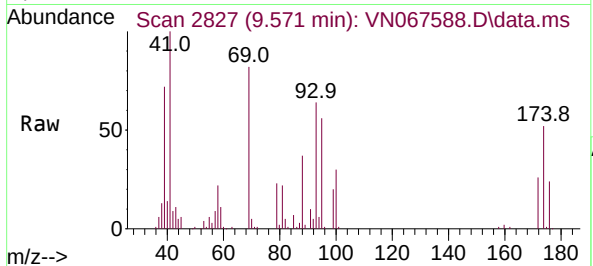
#45
1,4-Dioxane
Concen: 380.868 ug/l
RT: 9.571 min Scan# 2827
Delta R.T. 0.000 min
Lab File: VN067588.D
Acq: 1 Jul 2021 10:35

Tgt Ion: 88 Resp: 28484
Ion Ratio Lower Upper
88 100
43 30.8 18.0 27.0#
58 66.6 57.7 86.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

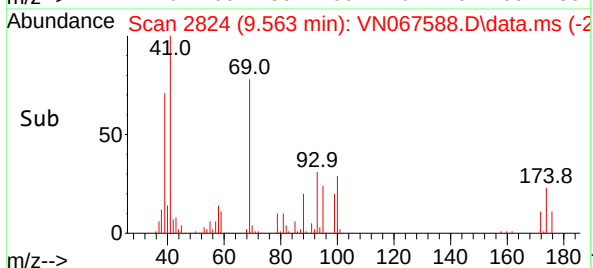
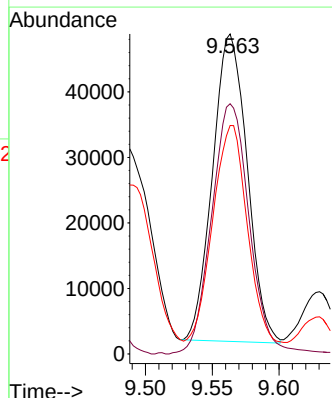
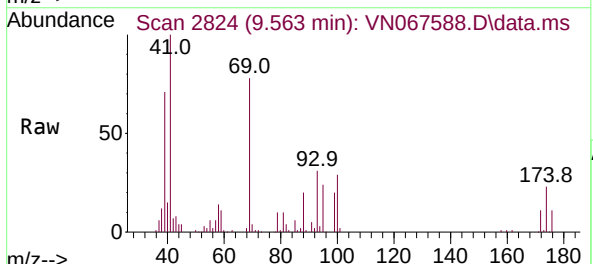
Manual Integrations
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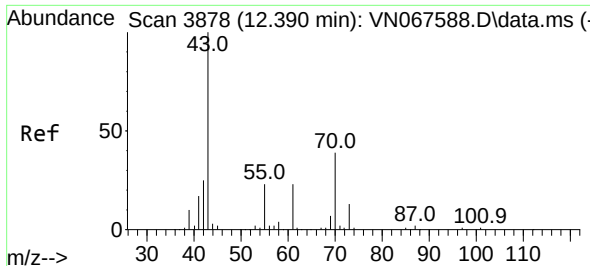
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#46
Methyl methacrylate
Concen: 16.918 ug/l
RT: 9.563 min Scan# 2824
Delta R.T. 0.000 min
Lab File: VN067588.D
Acq: 1 Jul 2021 10:35

Tgt Ion: 41 Resp: 84609
Ion Ratio Lower Upper
41 100
69 81.0 38.0 114.1
39 70.8 33.9 101.7





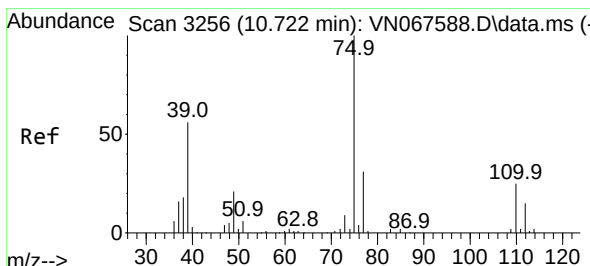
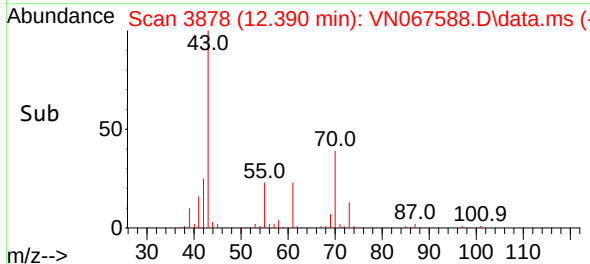
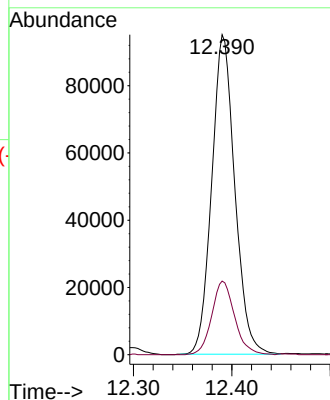
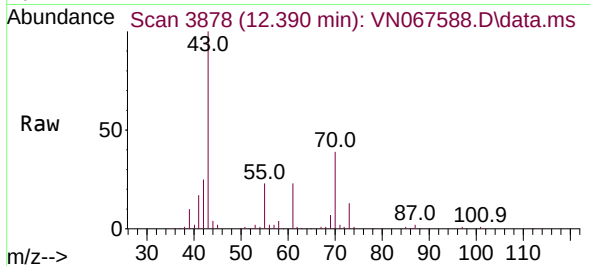
#47
n-amyl Acetate
Concen: 16.261 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. 0.000 min
Lab File: VN067588.D
Acq: 1 Jul 2021 10:35

Tgt Ion: 43 Resp: 154674
Ion Ratio Lower Upper
43 100
55 22.8 17.6 26.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

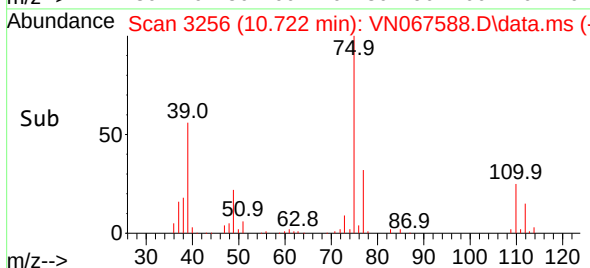
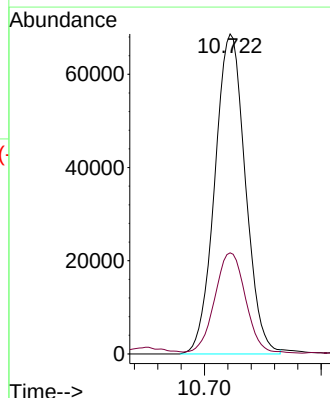
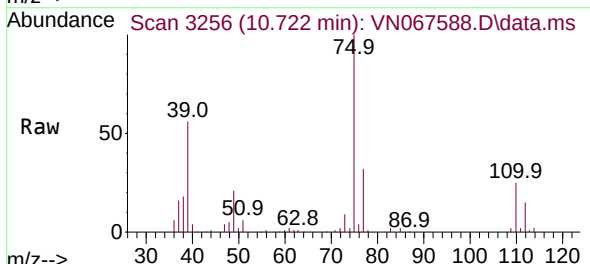
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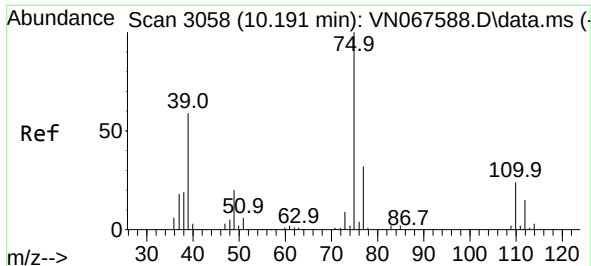
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#48
t-1,3-Dichloropropene
Concen: 17.193 ug/l
RT: 10.722 min Scan# 3256
Delta R.T. 0.000 min
Lab File: VN067588.D
Acq: 1 Jul 2021 10:35

Tgt Ion: 75 Resp: 124578
Ion Ratio Lower Upper
75 100
77 30.9 24.6 37.0





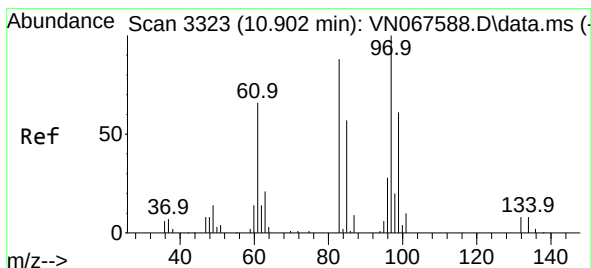
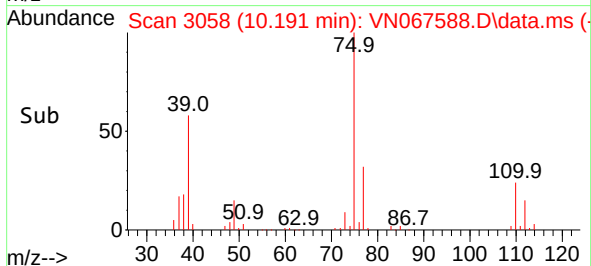
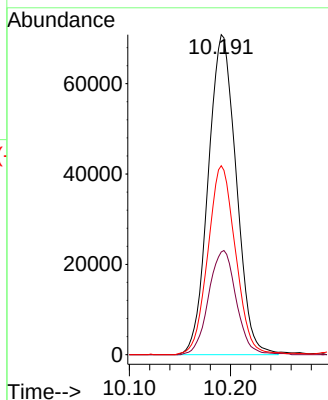
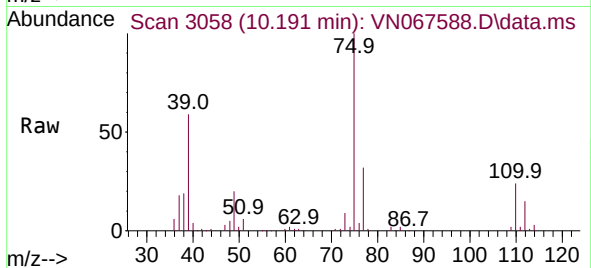
#49
 cis-1,3-Dichloropropene
 Concen: 18.362 ug/l
 RT: 10.191 min Scan# 3058
 Delta R.T. 0.000 min
 Lab File: VN067588.D
 Acq: 1 Jul 2021 10:35

Tgt Ion: 75 Resp: 136239
 Ion Ratio Lower Upper
 75 100
 77 32.1 26.0 39.0
 39 58.8 50.6 76.0

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

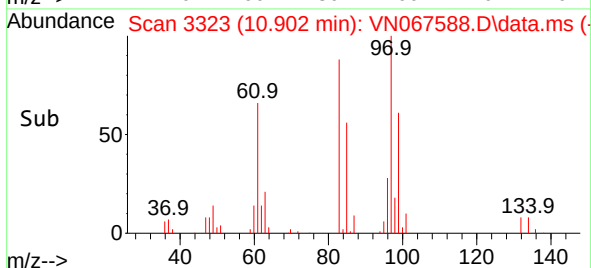
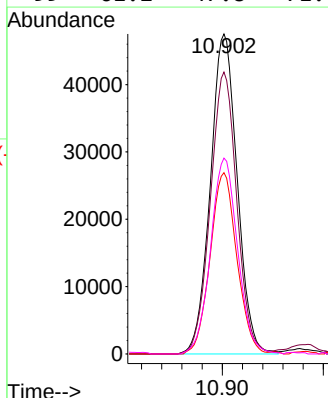
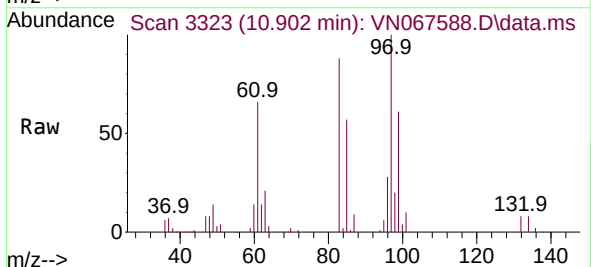
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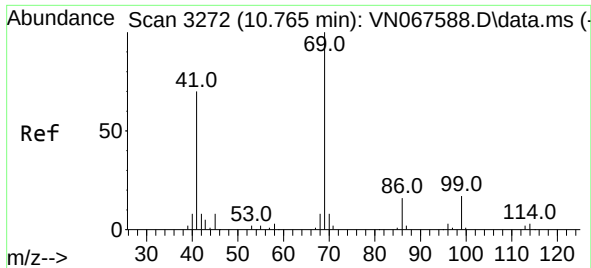
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#50
 1,1,2-Trichloroethane
 Concen: 20.836 ug/l
 RT: 10.902 min Scan# 3323
 Delta R.T. 0.000 min
 Lab File: VN067588.D
 Acq: 1 Jul 2021 10:35

Tgt Ion: 97 Resp: 87639
 Ion Ratio Lower Upper
 97 100
 83 88.1 69.6 104.4
 85 56.6 45.2 67.8
 99 61.2 47.8 71.6





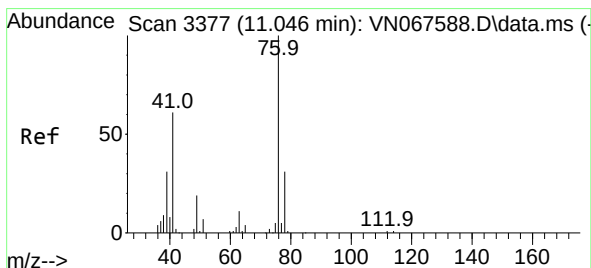
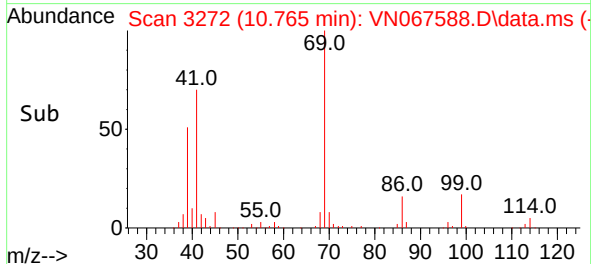
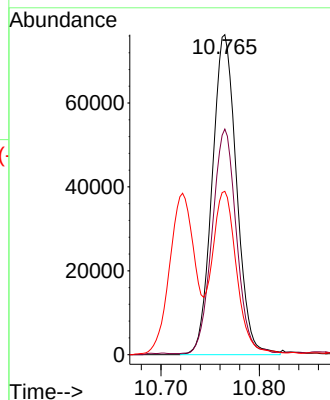
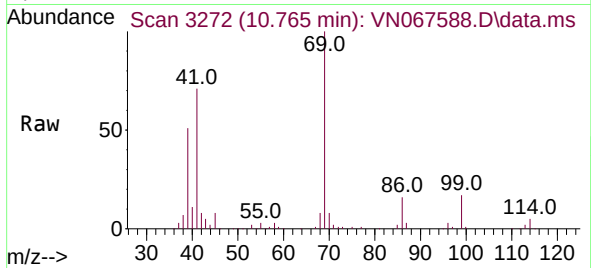
#51
Ethyl methacrylate
Concen: 17.962 ug/l
RT: 10.765 min Scan# 3272
Delta R.T. 0.000 min
Lab File: VN067588.D
Acq: 1 Jul 2021 10:35

Tgt Ion: 69 Resp: 131971
Ion Ratio Lower Upper
69 100
41 70.1 36.8 110.4
39 50.4 23.8 71.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

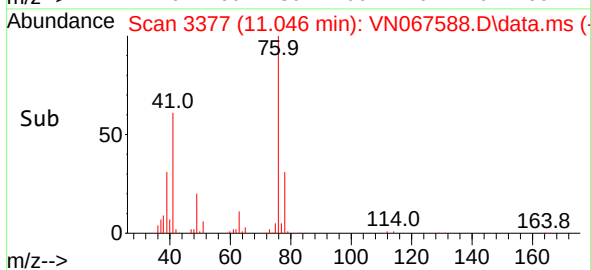
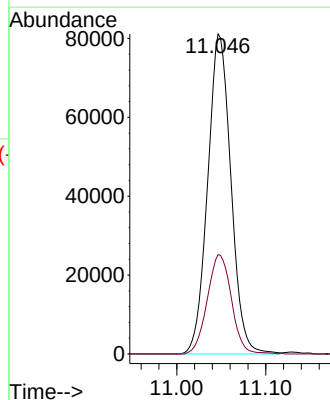
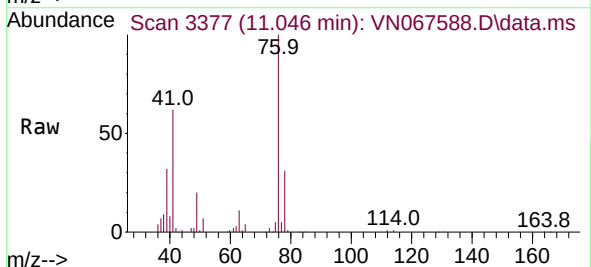
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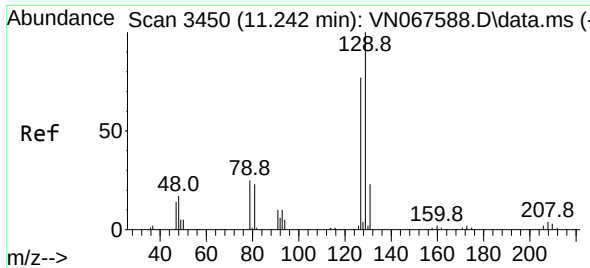
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#52
1,3-Dichloropropane
Concen: 19.612 ug/l
RT: 11.046 min Scan# 3377
Delta R.T. 0.000 min
Lab File: VN067588.D
Acq: 1 Jul 2021 10:35

Tgt Ion: 76 Resp: 147160
Ion Ratio Lower Upper
76 100
78 32.2 0.0 64.0





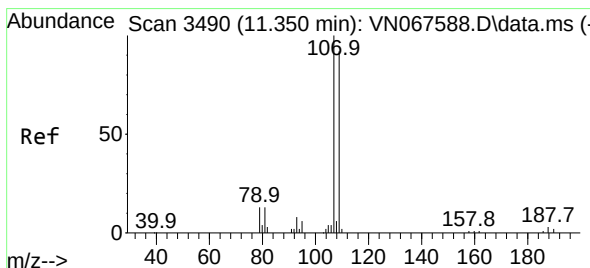
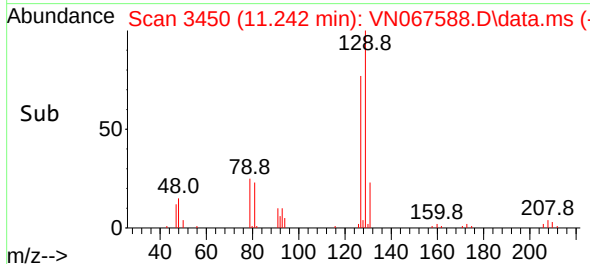
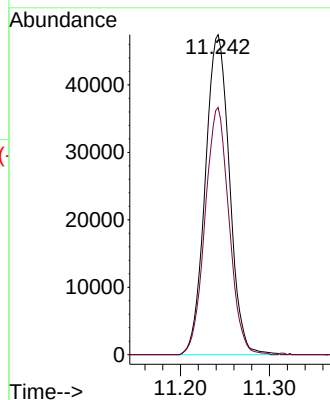
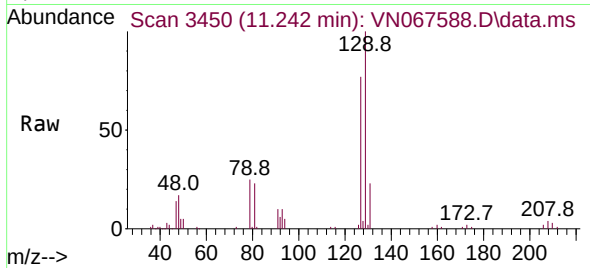
#53
Dibromochloromethane
Concen: 19.542 ug/l
RT: 11.242 min Scan# 3450
Delta R.T. 0.000 min
Lab File: VN067588.D
Acq: 1 Jul 2021 10:35

Tgt Ion:129 Resp: 89687
Ion Ratio Lower Upper
129 100
127 76.6 38.8 116.4

Instrument :
MSVOA_N
ClientSampleId :
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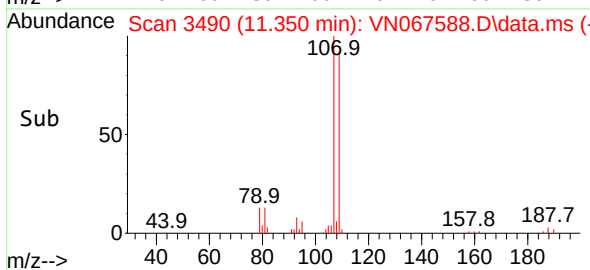
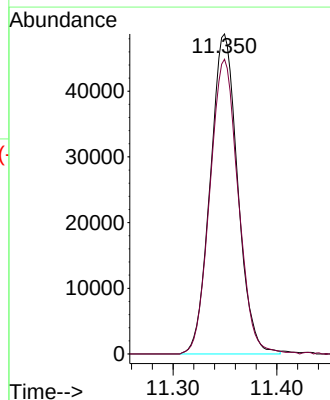
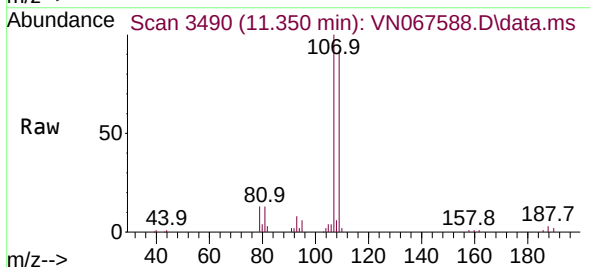
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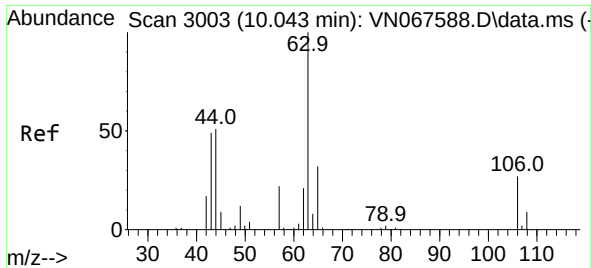
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#54
1,2-Dibromoethane
Concen: 20.355 ug/l
RT: 11.350 min Scan# 3490
Delta R.T. 0.000 min
Lab File: VN067588.D
Acq: 1 Jul 2021 10:35

Tgt Ion:107 Resp: 89283
Ion Ratio Lower Upper
107 100
109 95.0 75.0 112.6





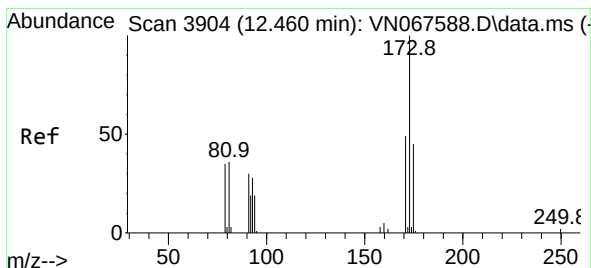
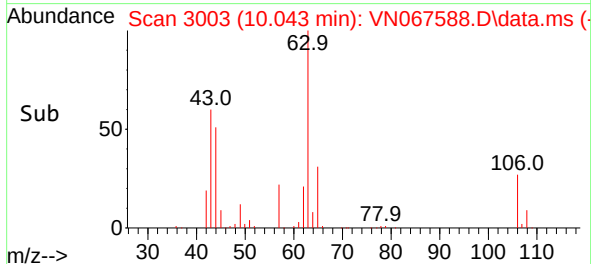
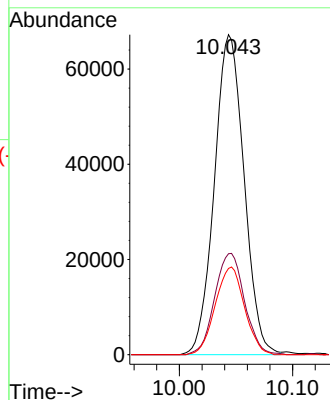
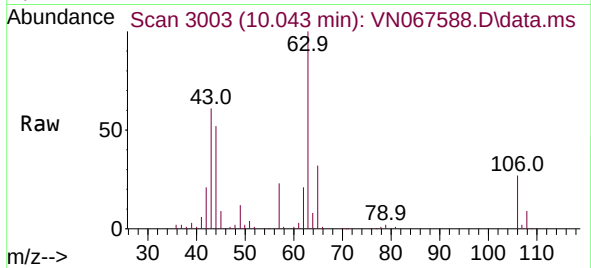
#55
2-Chloroethyl vinyl ether
Concen: 69.159 ug/l
RT: 10.043 min Scan# 3003
Delta R.T. 0.000 min
Lab File: VN067588.D
Acq: 1 Jul 2021 10:35

Tgt Ion: 63 Resp: 122305
Ion Ratio Lower Upper
63 100
65 31.8 25.6 38.4
106 27.0 20.0 30.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

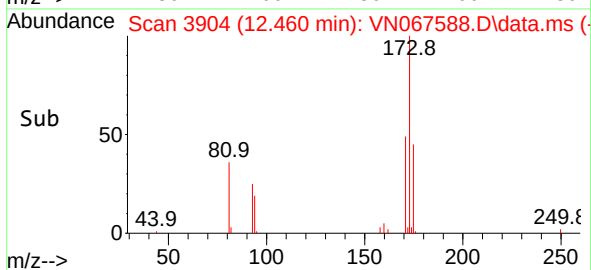
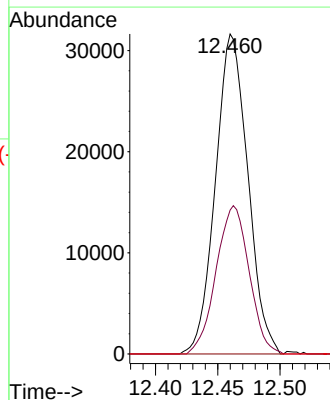
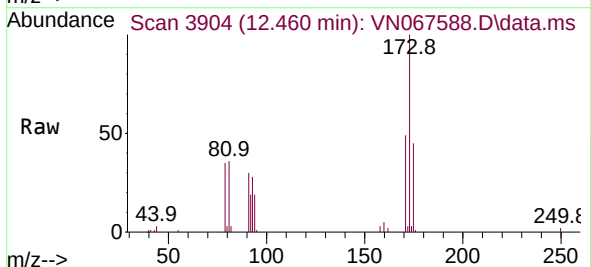
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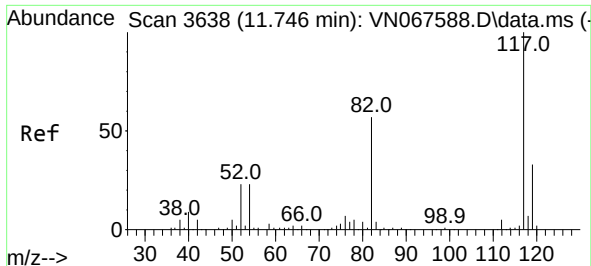
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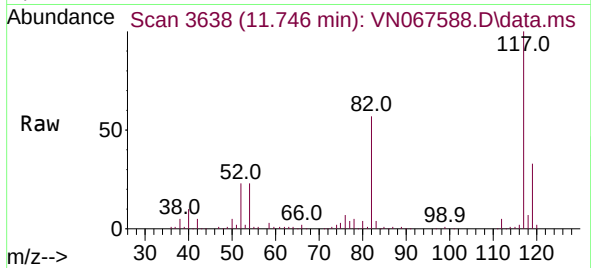
#56
Bromoform
Concen: 18.514 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. 0.000 min
Lab File: VN067588.D
Acq: 1 Jul 2021 10:35

Tgt Ion:173 Resp: 57178
Ion Ratio Lower Upper
173 100
175 47.3 39.4 59.2
254 0.0 0.0 0.0

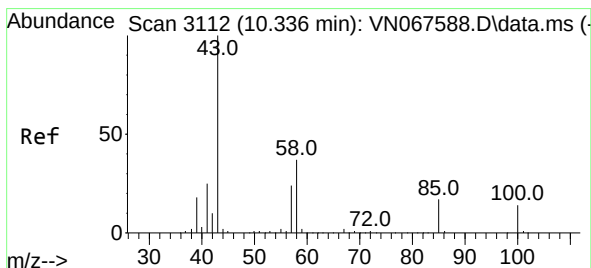
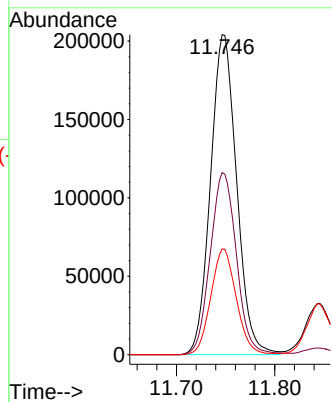
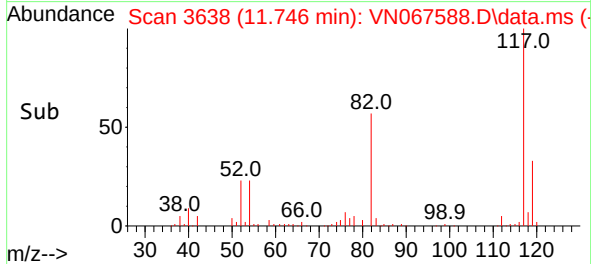




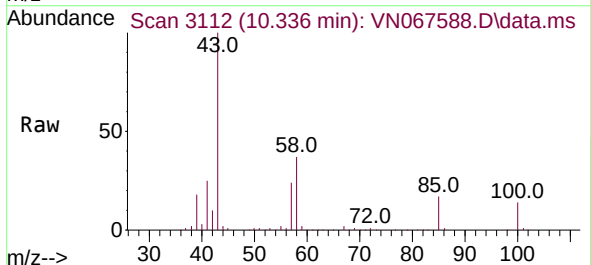
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN067588.D
Acq: 1 Jul 2021 10:35



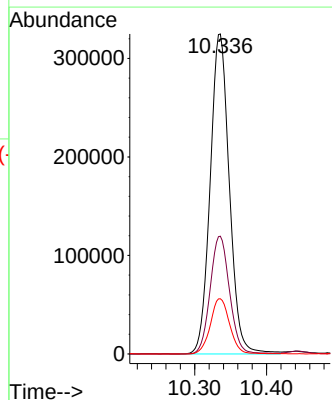
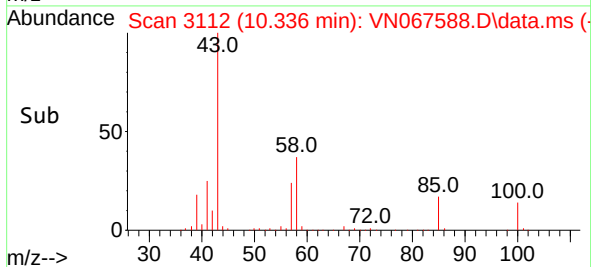
Tgt Ion: 117 Resp: 377006
Ion Ratio Lower Upper
117 100
82 57.3 52.5 78.7
119 32.3 25.8 38.8



#58
4-Methyl-2-Pentanone
Concen: 88.805 ug/l
RT: 10.336 min Scan# 3112
Delta R.T. 0.000 min
Lab File: VN067588.D
Acq: 1 Jul 2021 10:35



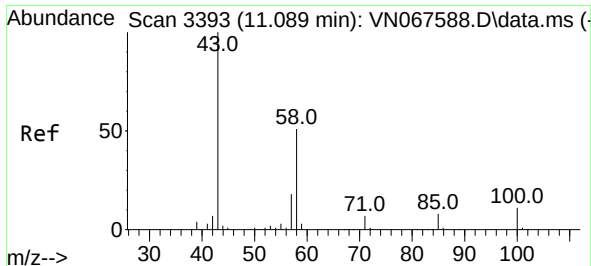
Tgt Ion: 43 Resp: 602440
Ion Ratio Lower Upper
43 100
58 37.3 29.0 43.4
85 17.3 13.2 19.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

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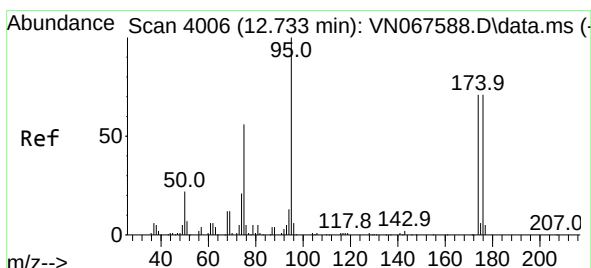
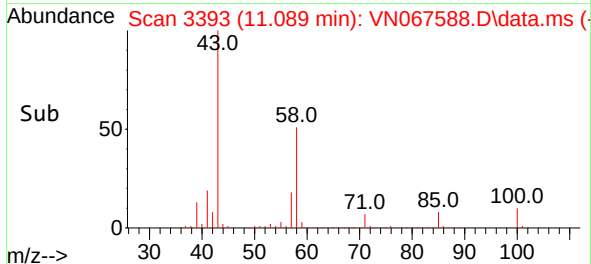
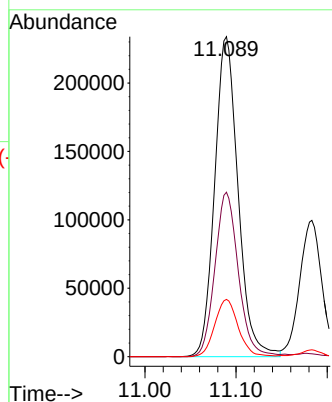
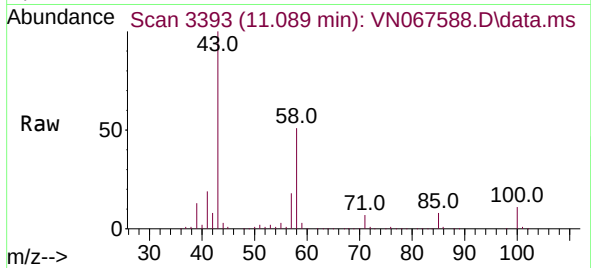
#59
2-Hexanone
Concen: 85.773 ug/l
RT: 11.089 min Scan# 3393
Delta R.T. 0.000 min
Lab File: VN067588.D
Acq: 1 Jul 2021 10:35

Tgt Ion: 43 Resp: 417249
Ion Ratio Lower Upper
43 100
58 51.3 39.4 59.0
57 18.0 14.4 21.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

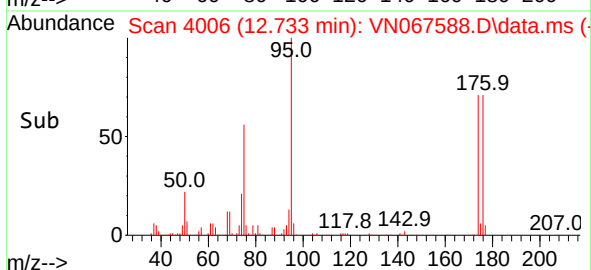
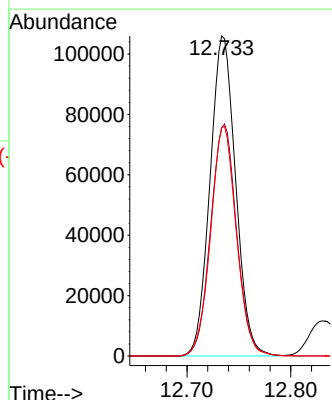
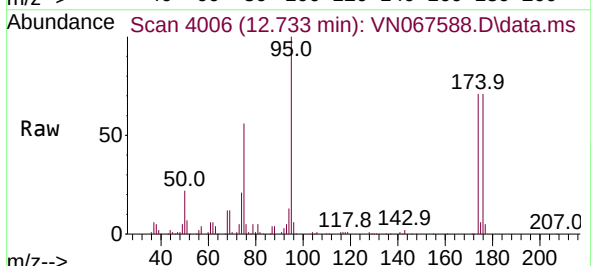
Manual Integrations
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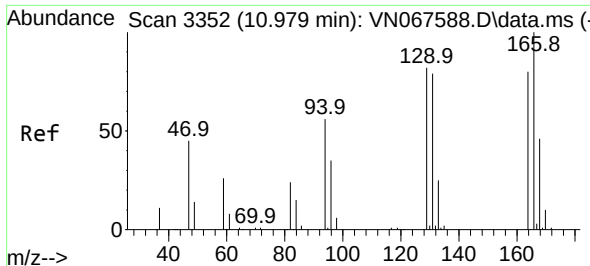
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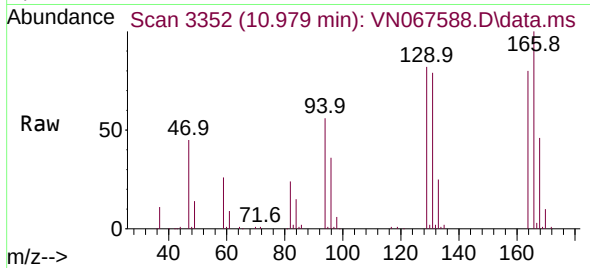
#60
4-Bromofluorobenzene
Concen: 26.634 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN067588.D
Acq: 1 Jul 2021 10:35

Tgt Ion: 95 Resp: 181993
Ion Ratio Lower Upper
95 100
174 73.5 47.7 71.5#
176 71.8 45.7 68.5#

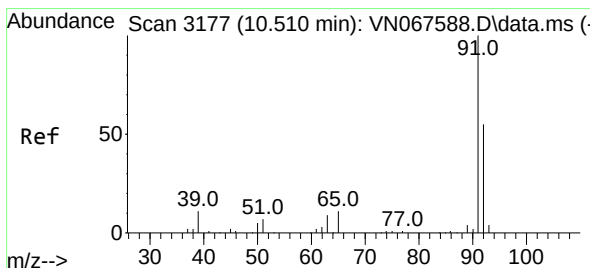
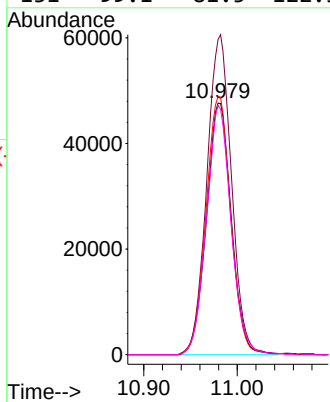
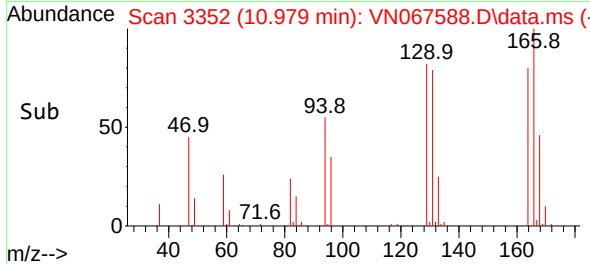




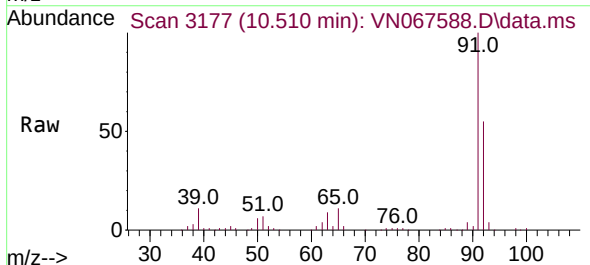
#61
Tetrachloroethene
Concen: 22.758 ug/l
RT: 10.979 min Scan# 3352
Delta R.T. 0.000 min
Lab File: VN067588.D
Acq: 1 Jul 2021 10:35



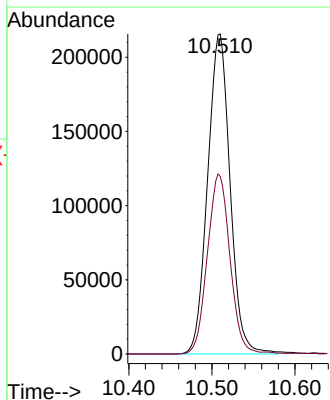
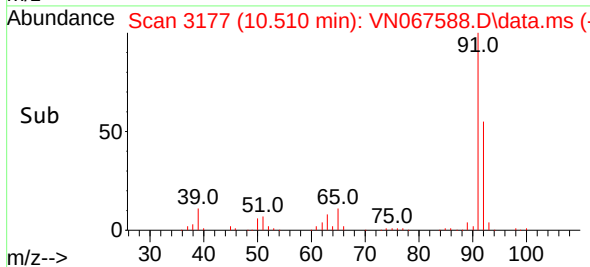
Tgt Ion:164 Resp: 88317
Ion Ratio Lower Upper
164 100
166 125.3 101.0 151.4
129 102.7 85.5 128.3
131 99.1 81.5 122.3



#62
Toluene
Concen: 20.763 ug/l
RT: 10.510 min Scan# 3177
Delta R.T. 0.000 min
Lab File: VN067588.D
Acq: 1 Jul 2021 10:35



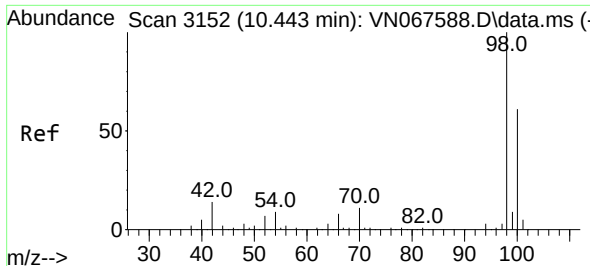
Tgt Ion: 91 Resp: 404977
Ion Ratio Lower Upper
91 100
92 56.3 46.1 69.1



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

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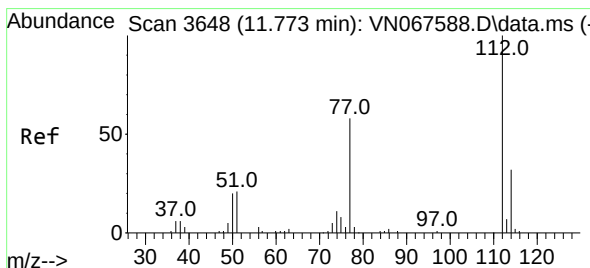
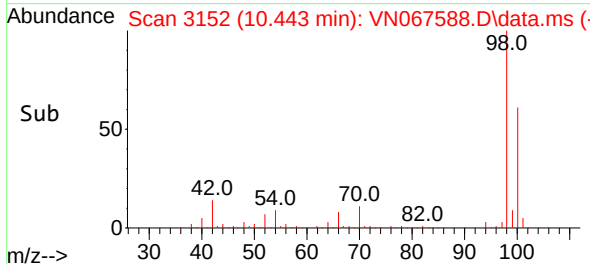
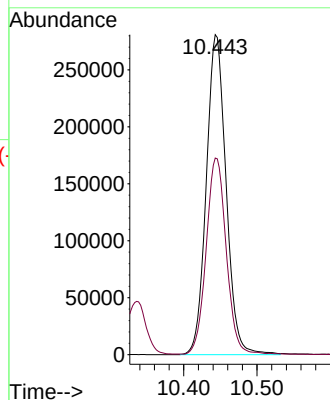
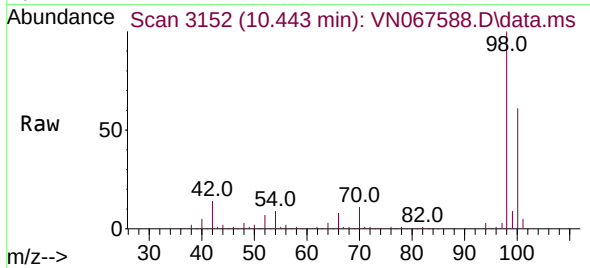
#63
Toluene-d8
Concen: 29.695 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN067588.D
Acq: 1 Jul 2021 10:35

Tgt Ion: 98 Resp: 527970
Ion Ratio Lower Upper
98 100
100 61.8 51.2 76.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

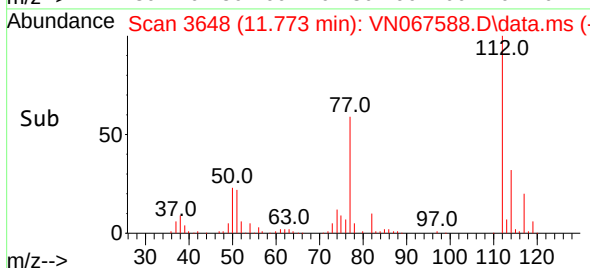
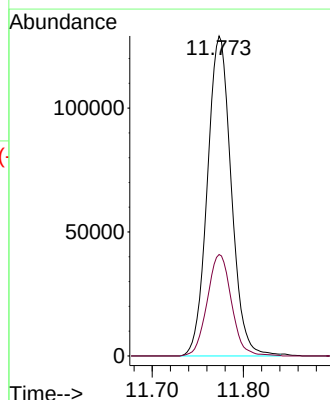
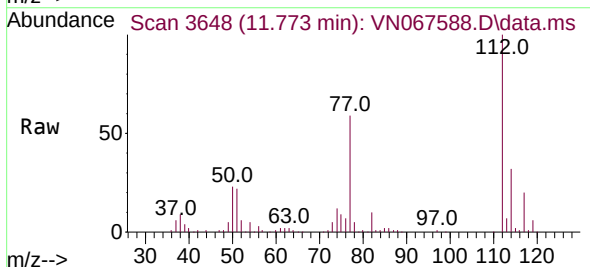
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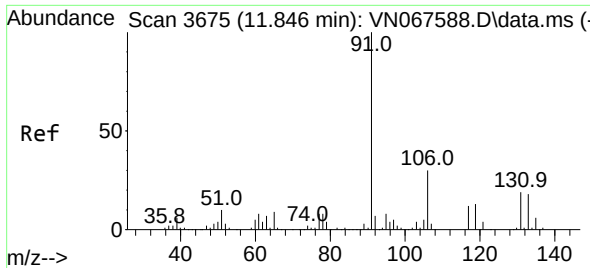
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#64
Chlorobenzene
Concen: 20.453 ug/l
RT: 11.773 min Scan# 3648
Delta R.T. 0.000 min
Lab File: VN067588.D
Acq: 1 Jul 2021 10:35

Tgt Ion: 112 Resp: 234917
Ion Ratio Lower Upper
112 100
114 31.7 25.4 38.0





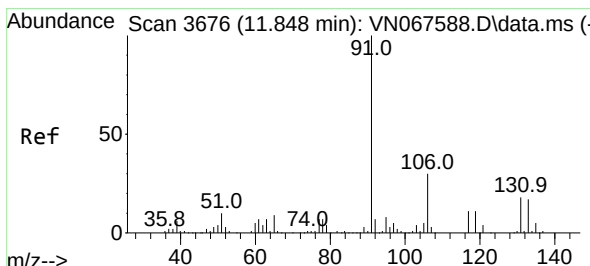
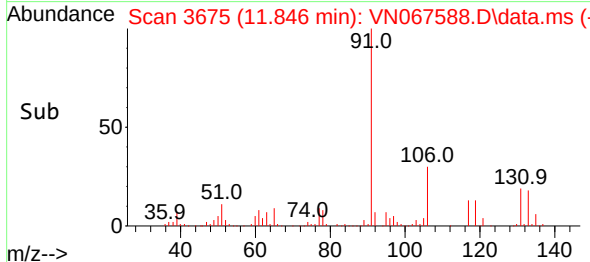
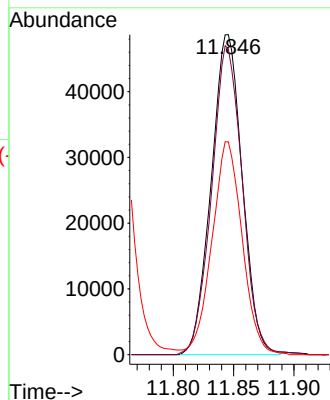
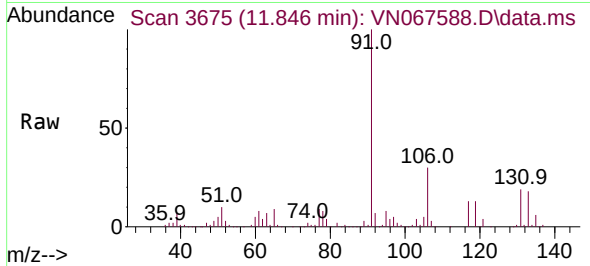
#65
1,1,1,2-Tetrachloroethane
Concen: 20.325 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. 0.000 min
Lab File: VN067588.D
Acq: 1 Jul 2021 10:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.4	0.0	189.6
119	64.9	0.0	130.0

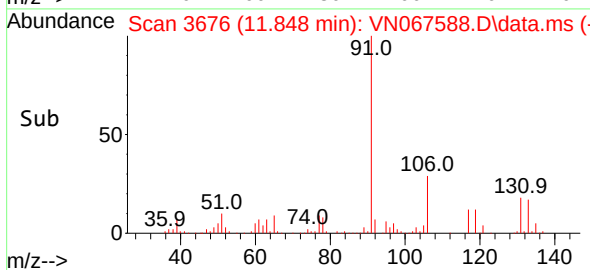
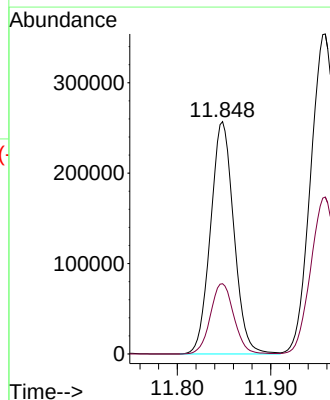
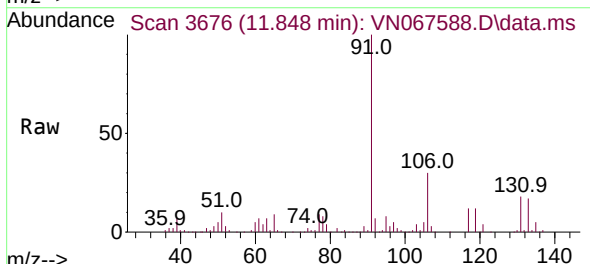
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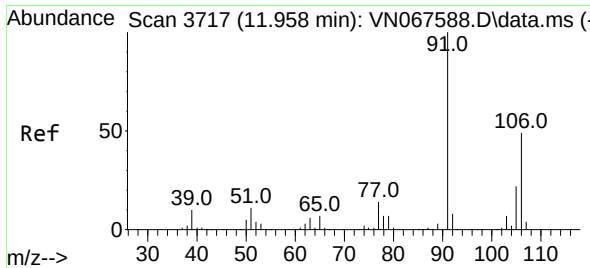
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#66
Ethyl Benzene
Concen: 19.929 ug/l
RT: 11.848 min Scan# 3676
Delta R.T. 0.000 min
Lab File: VN067588.D
Acq: 1 Jul 2021 10:35

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.2	23.4	35.0





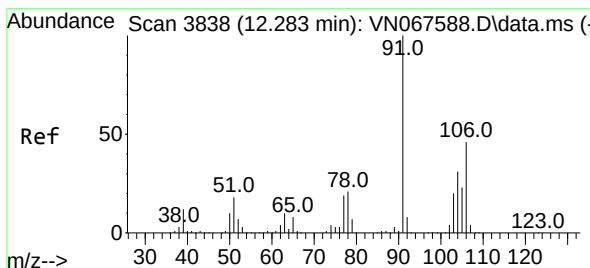
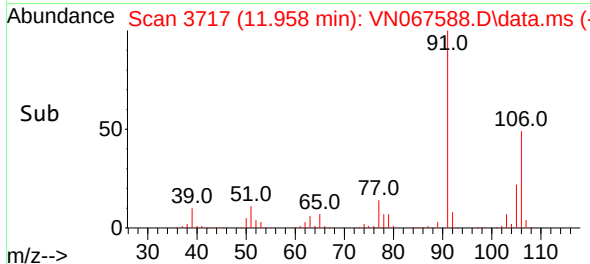
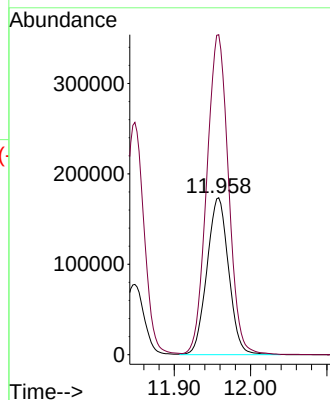
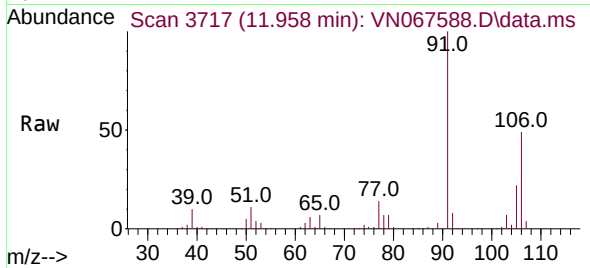
#67
m/p-Xylenes
Concen: 42.421 ug/l
RT: 11.958 min Scan# 3717
Delta R.T. 0.000 min
Lab File: VN067588.D
Acq: 1 Jul 2021 10:35

Tgt Ion:106 Resp: 343239
Ion Ratio Lower Upper
106 100
91 204.0 181.3 271.9

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

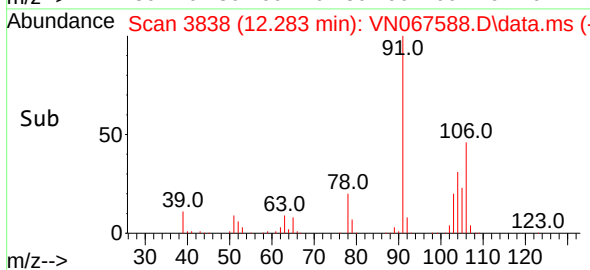
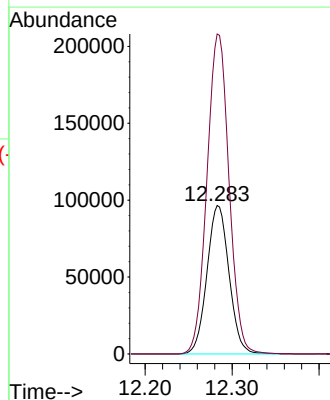
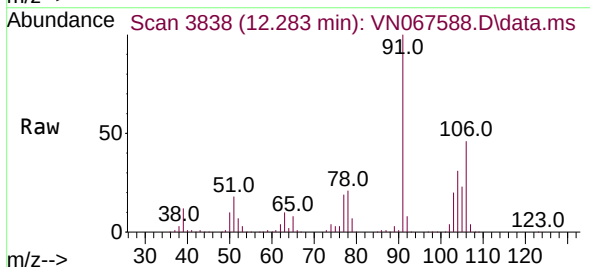
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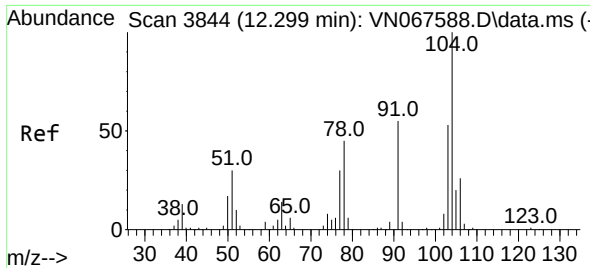
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#68
o-Xylene
Concen: 21.031 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. 0.000 min
Lab File: VN067588.D
Acq: 1 Jul 2021 10:35

Tgt Ion:106 Resp: 170306
Ion Ratio Lower Upper
106 100
91 215.9 120.0 360.0





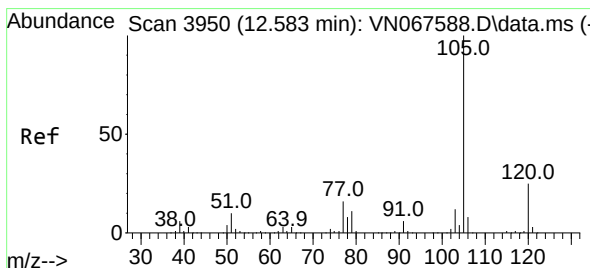
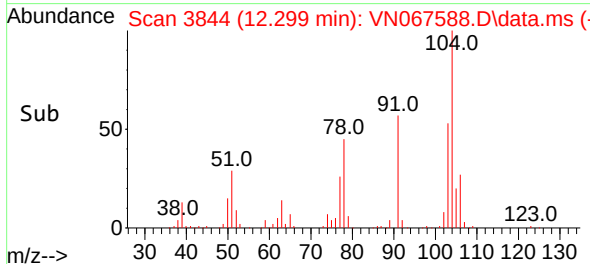
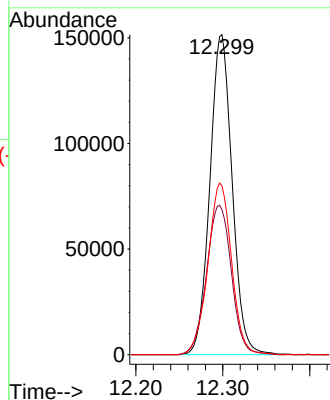
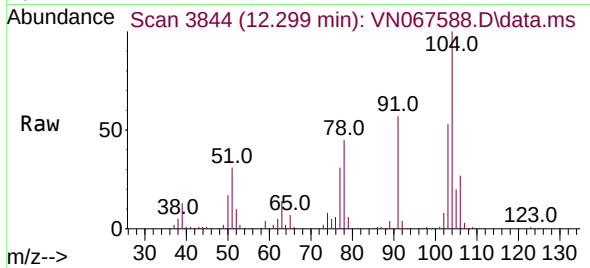
#69
Styrene
Concen: 20.191 ug/l
RT: 12.299 min Scan# 3844
Delta R.T. 0.000 min
Lab File: VN067588.D
Acq: 1 Jul 2021 10:35

Tgt Ion:104 Resp: 270128
Ion Ratio Lower Upper
104 100
78 52.2 48.2 72.2
103 56.9 44.5 66.7

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

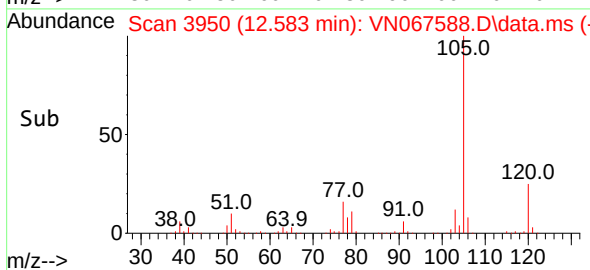
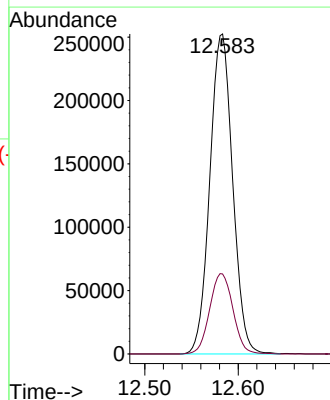
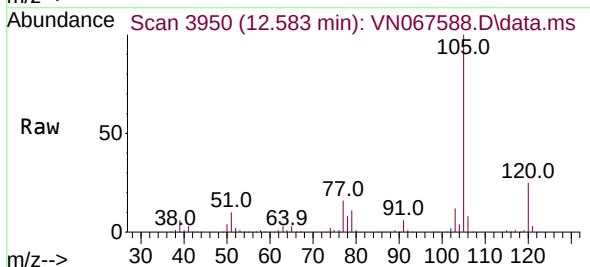
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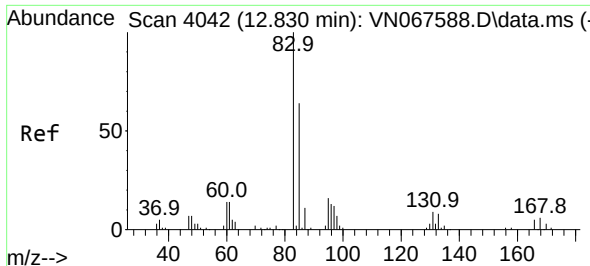
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#70
Isopropylbenzene
Concen: 20.722 ug/l
RT: 12.583 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VN067588.D
Acq: 1 Jul 2021 10:35

Tgt Ion:105 Resp: 427797
Ion Ratio Lower Upper
105 100
120 25.6 17.6 32.6





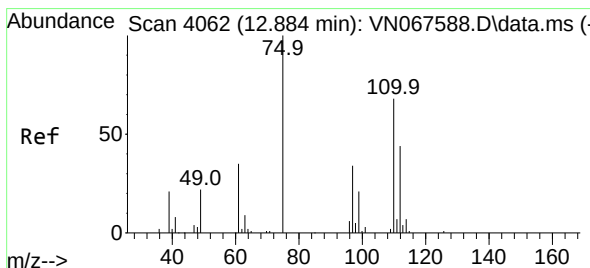
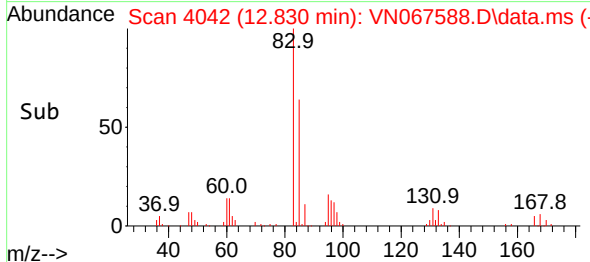
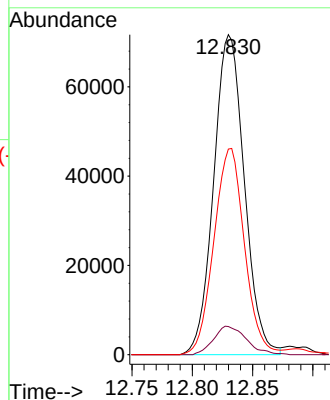
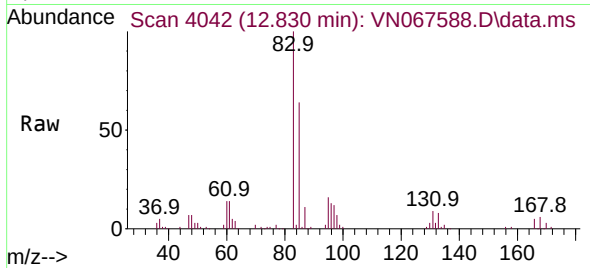
#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.267 ug/l
 RT: 12.830 min Scan# 4042
 Delta R.T. 0.000 min
 Lab File: VN067588.D
 Acq: 1 Jul 2021 10:35

Tgt Ion: 83 Resp: 126846
 Ion Ratio Lower Upper
 83 100
 131 9.5 4.7 14.0
 85 64.3 32.2 96.6

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

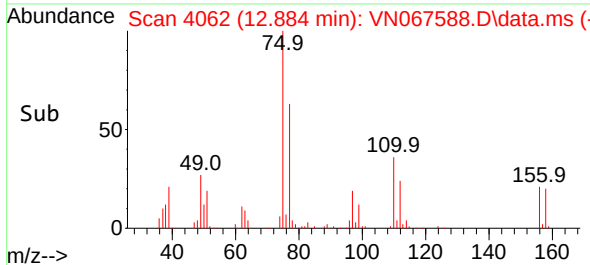
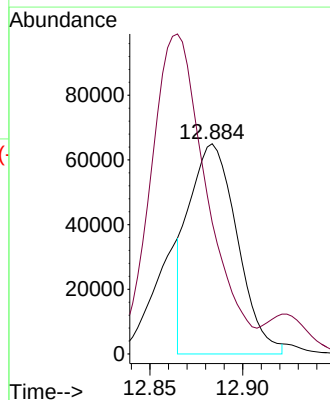
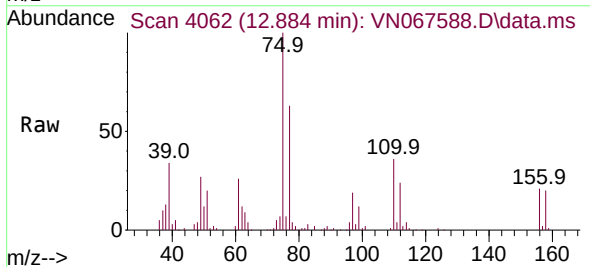
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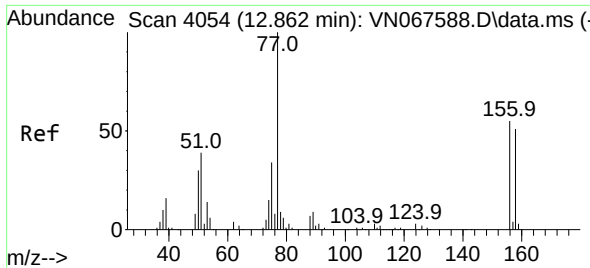
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#72
 1,2,3-Trichloropropane
 Concen: 19.541 ug/l m
 RT: 12.884 min Scan# 4062
 Delta R.T. 0.000 min
 Lab File: VN067588.D
 Acq: 1 Jul 2021 10:35

Tgt Ion: 75 Resp: 117371
 Ion Ratio Lower Upper
 75 100
 77 177.6 0.0 374.2





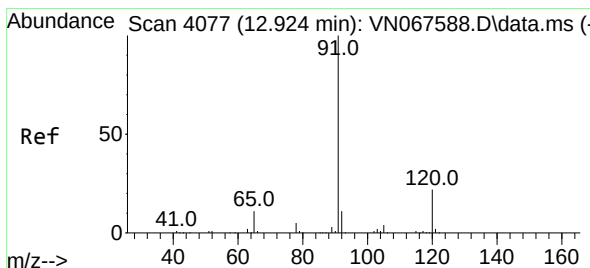
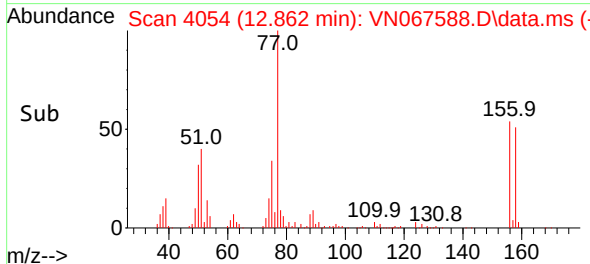
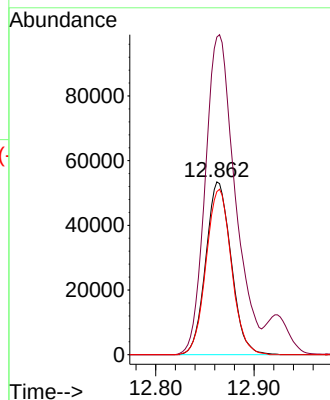
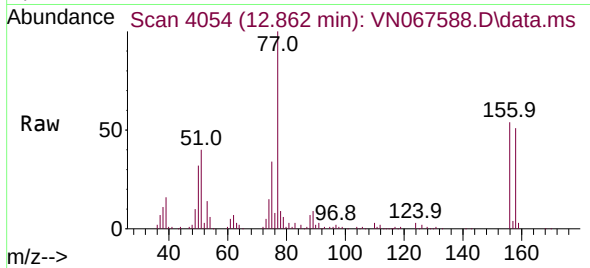
#73
Bromobenzene
Concen: 21.788 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VN067588.D
Acq: 1 Jul 2021 10:35

Tgt Ion	Ratio	Lower	Upper
156	100		
77	217.0	0.0	548.0
158	95.9	0.0	194.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

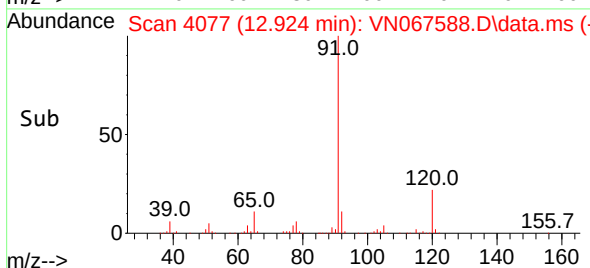
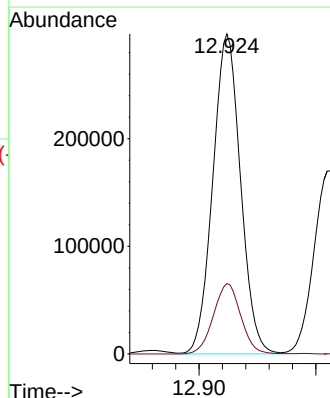
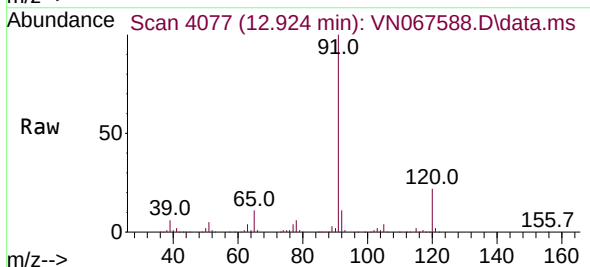
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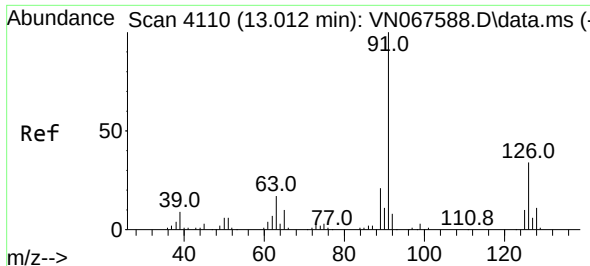
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#74
n-propylbenzene
Concen: 19.959 ug/l
RT: 12.924 min Scan# 4077
Delta R.T. 0.000 min
Lab File: VN067588.D
Acq: 1 Jul 2021 10:35

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.7	0.0	41.0





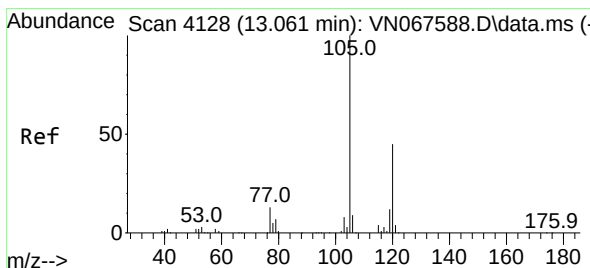
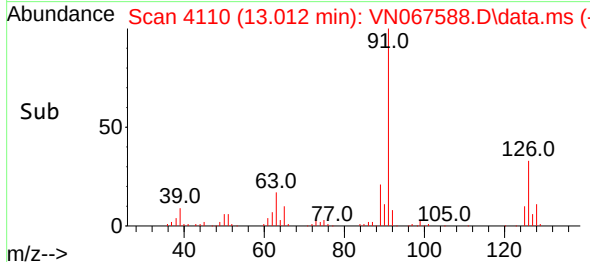
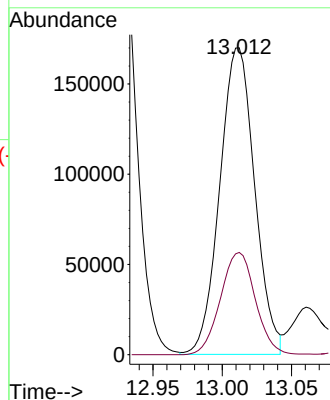
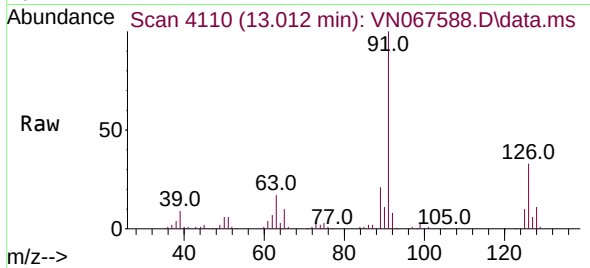
#75
2-Chlorotoluene
Concen: 19.370 ug/l
RT: 13.012 min Scan# 4110
Delta R.T. 0.000 min
Lab File: VN067588.D
Acq: 1 Jul 2021 10:35

Tgt Ion: 91 Resp: 298697
Ion Ratio Lower Upper
91 100
126 33.3 0.0 0.0#

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

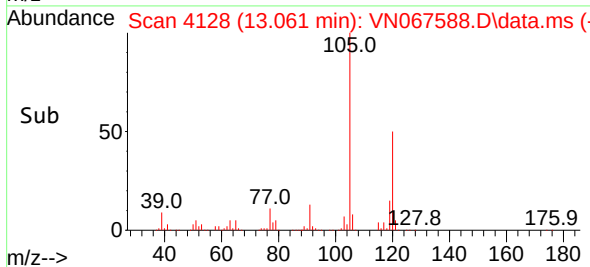
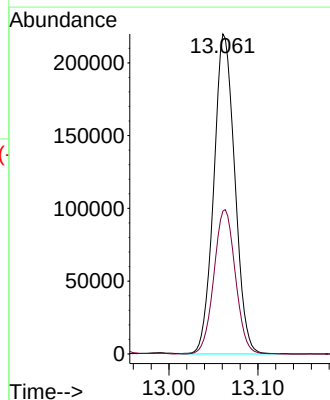
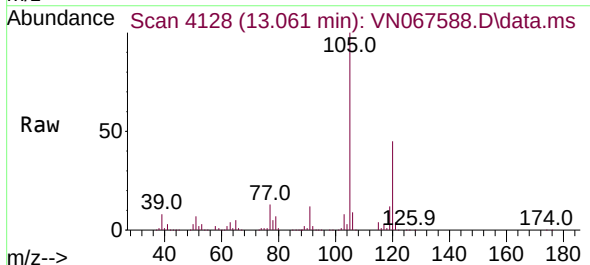
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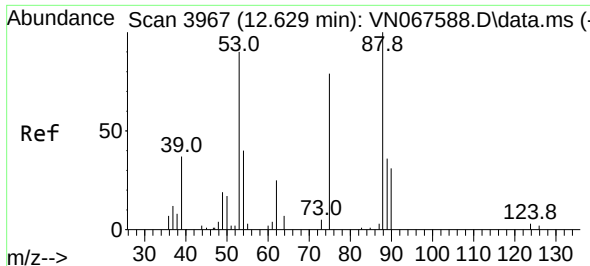
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#76
1,3,5-Trimethylbenzene
Concen: 20.618 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.000 min
Lab File: VN067588.D
Acq: 1 Jul 2021 10:35

Tgt Ion: 105 Resp: 361222
Ion Ratio Lower Upper
105 100
120 46.1 0.0 90.2





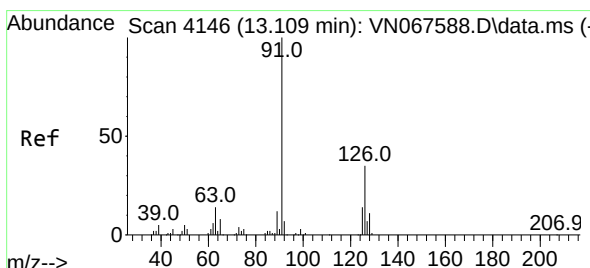
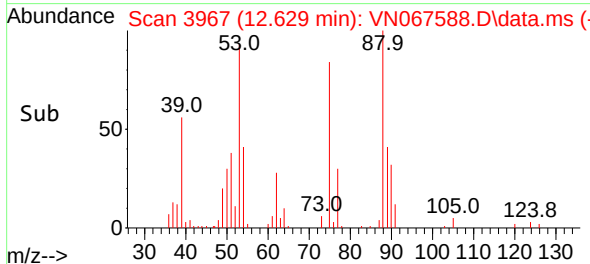
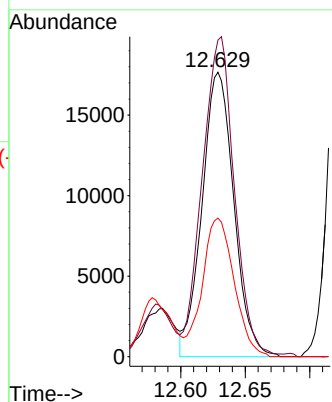
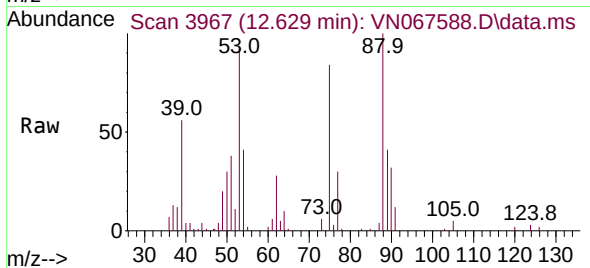
#77
t-1,4-Dichloro-2-butene
Concen: 15.309 ug/l
RT: 12.629 min Scan# 3967
Delta R.T. 0.000 min
Lab File: VN067588.D
Acq: 1 Jul 2021 10:35

Tgt Ion	Ratio	Lower	Upper
75	100		
53	110.4	55.2	165.6
89	48.7	24.5	73.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

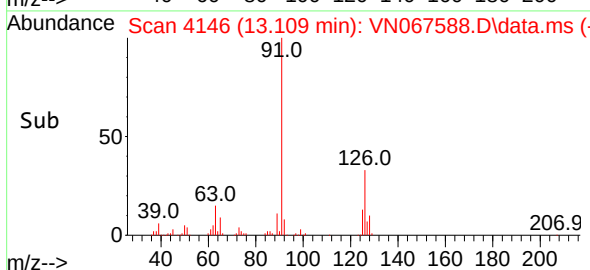
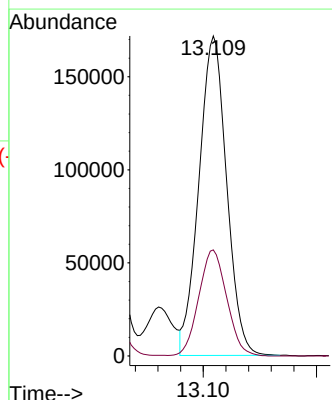
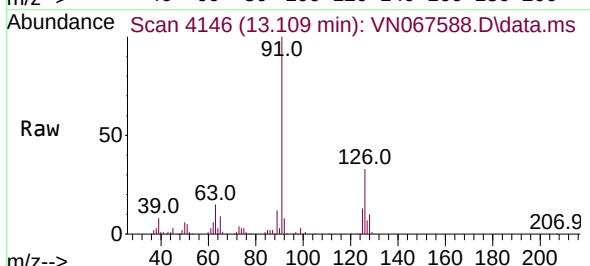
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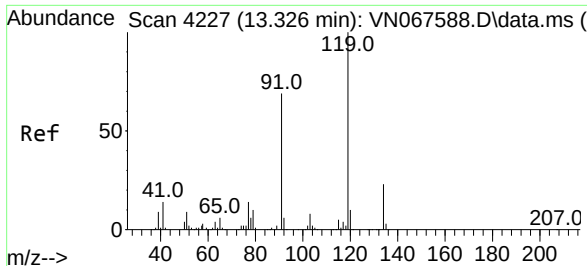
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#78
4-Chlorotoluene
Concen: 19.102 ug/l
RT: 13.109 min Scan# 4146
Delta R.T. 0.000 min
Lab File: VN067588.D
Acq: 1 Jul 2021 10:35

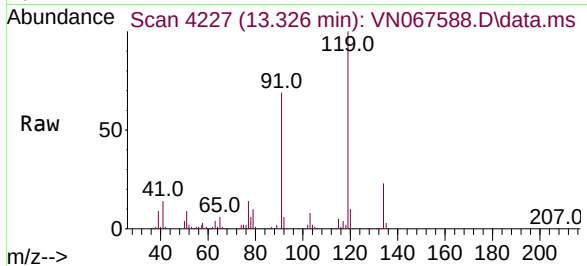
Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.6	0.0	57.6





#79
tert-butylbenzene
Concen: 21.141 ug/l
RT: 13.326 min Scan# 4227
Delta R.T. 0.000 min
Lab File: VN067588.D
Acq: 1 Jul 2021 10:35

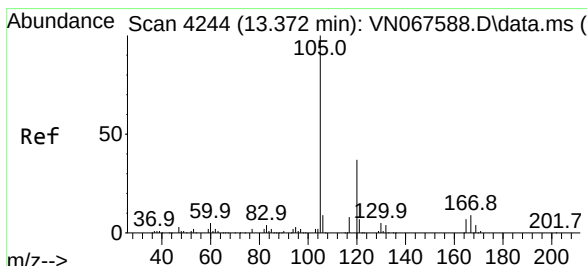
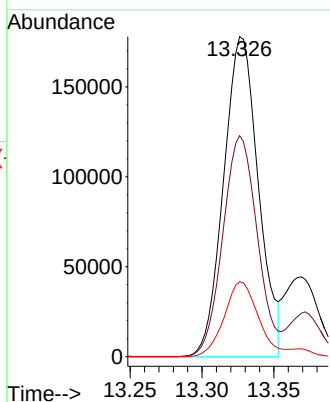
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



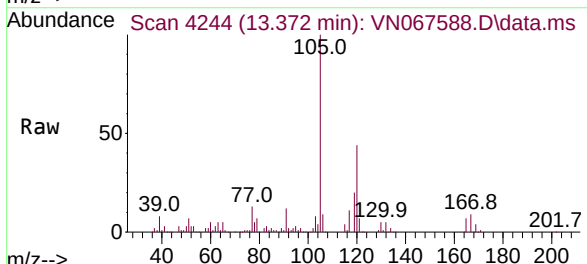
Tgt Ion	Ratio	Lower	Upper
119	100		
91	69.1	0.0	158.4
134	23.1	0.0	43.6

Manual Integrations
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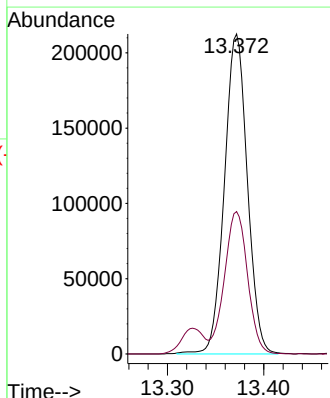
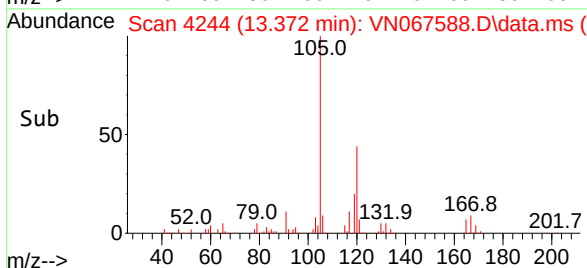
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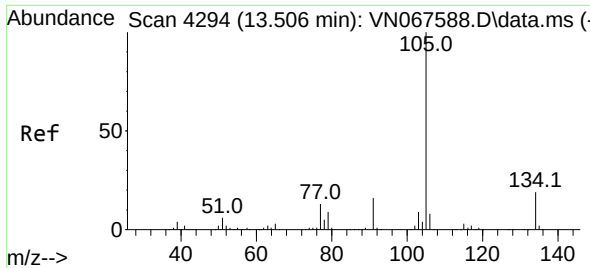


#80
1,2,4-Trimethylbenzene
Concen: 20.417 ug/l m
RT: 13.372 min Scan# 4244
Delta R.T. 0.000 min
Lab File: VN067588.D
Acq: 1 Jul 2021 10:35



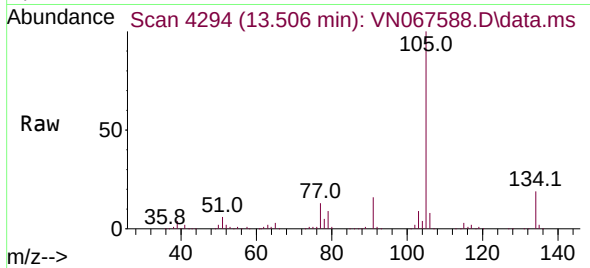
Tgt Ion	Ratio	Lower	Upper
105	100		
120	0.1	0.0	0.4





#81
 sec-Butylbenzene
 Concen: 21.021 ug/l
 RT: 13.506 min Scan# 4294
 Delta R.T. 0.000 min
 Lab File: VN067588.D
 Acq: 1 Jul 2021 10:35

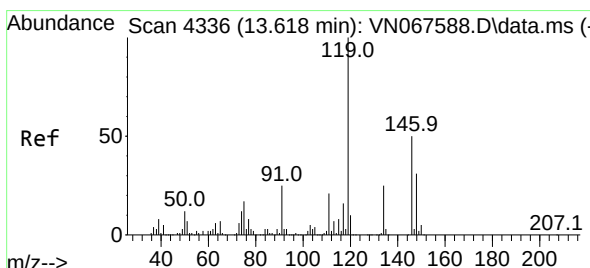
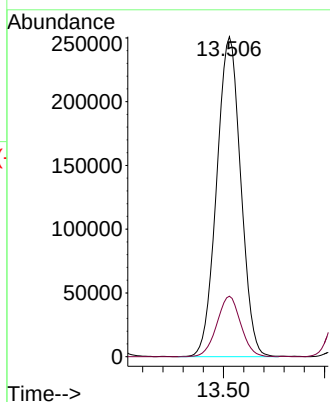
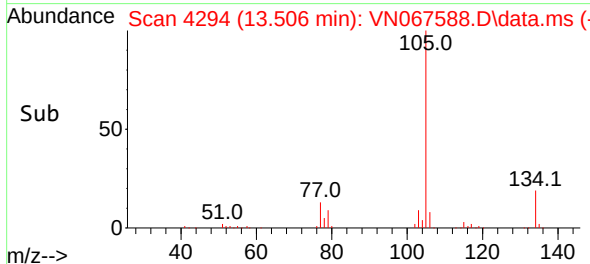
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020



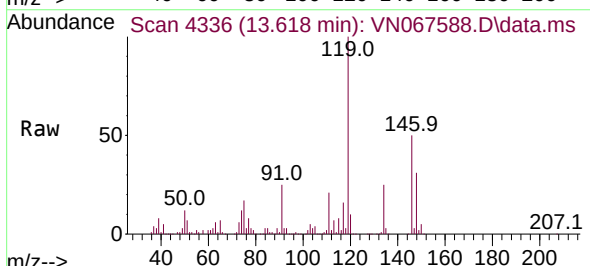
Tgt Ion:105 Resp: 414393
 Ion Ratio Lower Upper
 105 100
 134 18.7 0.0 35.4

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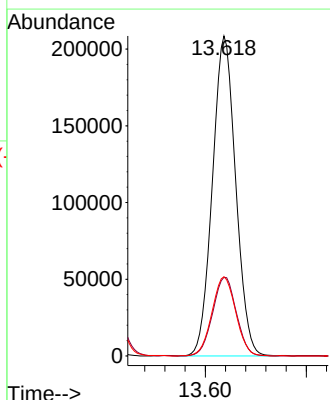
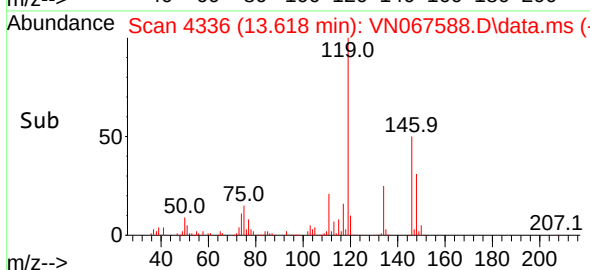
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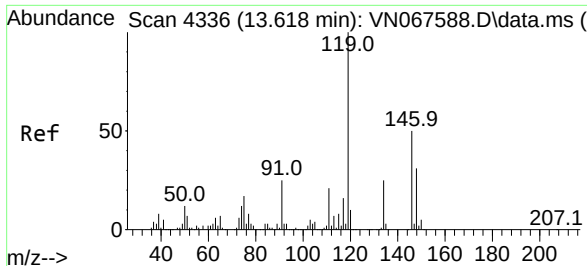


#82
 p-Isopropyltoluene
 Concen: 20.926 ug/l
 RT: 13.618 min Scan# 4336
 Delta R.T. 0.000 min
 Lab File: VN067588.D
 Acq: 1 Jul 2021 10:35



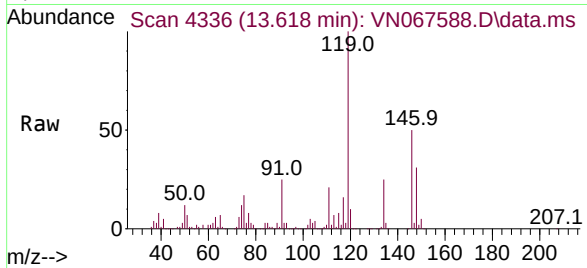
Tgt Ion:119 Resp: 332789
 Ion Ratio Lower Upper
 119 100
 134 25.1 0.0 49.0
 91 25.3 0.0 59.6





#83
1,3-Dichlorobenzene
Concen: 21.799 ug/l
RT: 13.618 min Scan# 4336
Delta R.T. 0.000 min
Lab File: VN067588.D
Acq: 1 Jul 2021 10:35

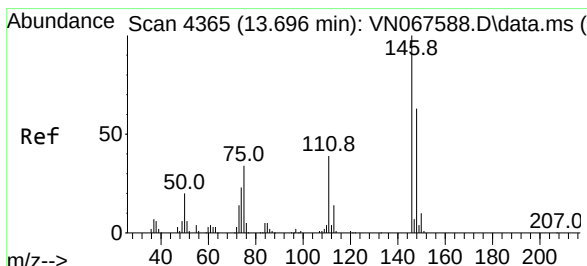
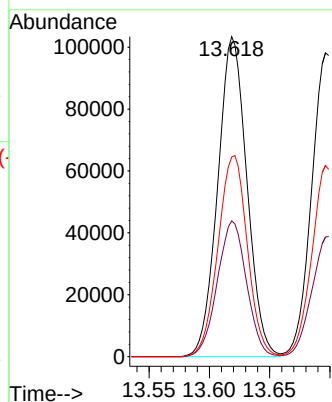
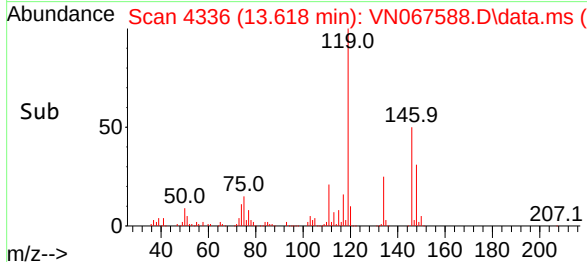
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



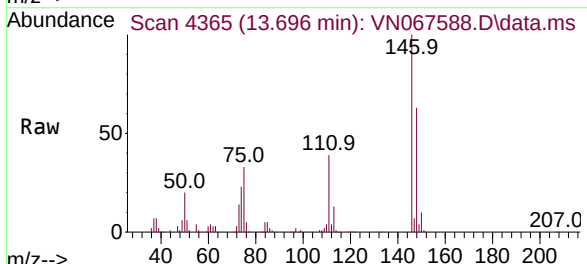
Tgt Ion:146 Resp: 173983
Ion Ratio Lower Upper
146 100
111 42.5 25.0 75.0
148 63.3 32.6 97.7

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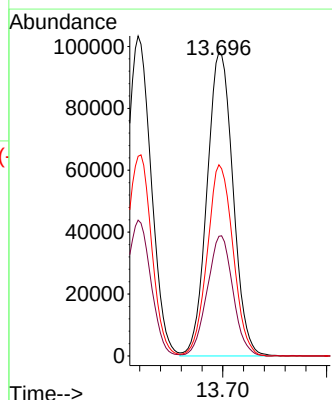
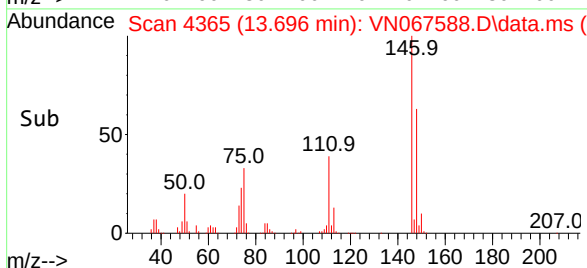
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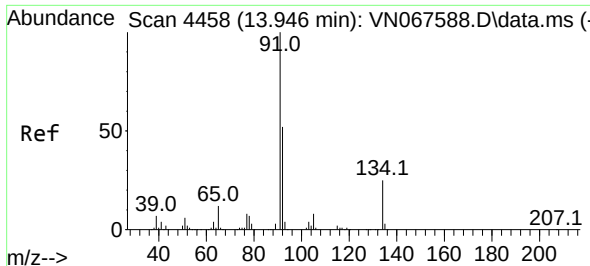


#84
1,4-Dichlorobenzene
Concen: 21.453 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. 0.000 min
Lab File: VN067588.D
Acq: 1 Jul 2021 10:35



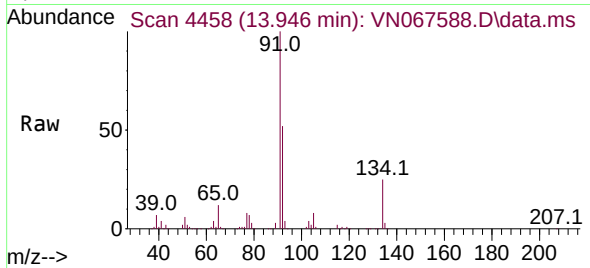
Tgt Ion:146 Resp: 170815
Ion Ratio Lower Upper
146 100
111 39.1 23.6 71.0
148 62.6 31.8 95.3





#85
n-Butylbenzene
Concen: 19.014 ug/l
RT: 13.946 min Scan# 4458
Delta R.T. 0.000 min
Lab File: VN067588.D
Acq: 1 Jul 2021 10:35

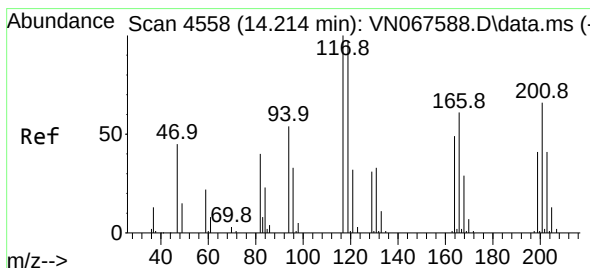
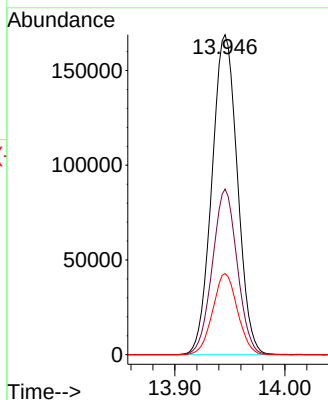
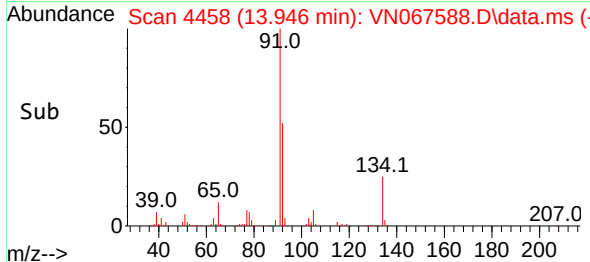
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



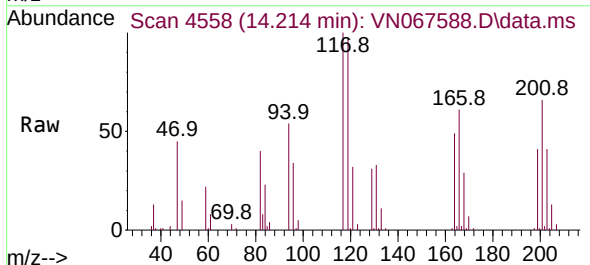
Tgt Ion: 91 Resp: 272209
Ion Ratio Lower Upper
91 100
92 50.6 0.0 103.0
134 24.6 0.0 43.6

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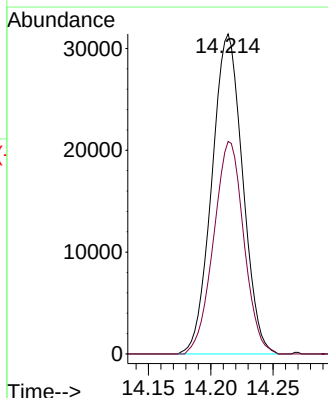
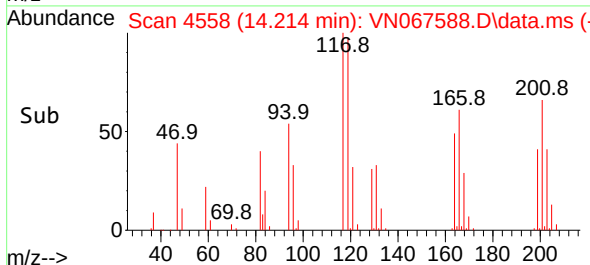
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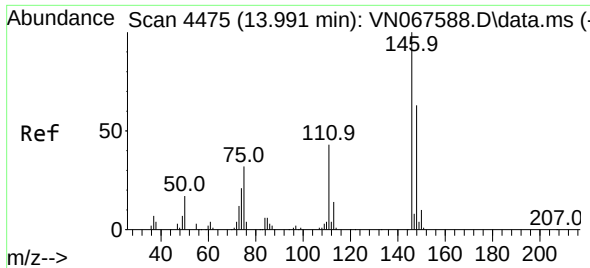


#86
Hexachloroethane
Concen: 17.460 ug/l
RT: 14.214 min Scan# 4558
Delta R.T. 0.000 min
Lab File: VN067588.D
Acq: 1 Jul 2021 10:35



Tgt Ion: 117 Resp: 53976
Ion Ratio Lower Upper
117 100
201 65.3 33.3 99.9





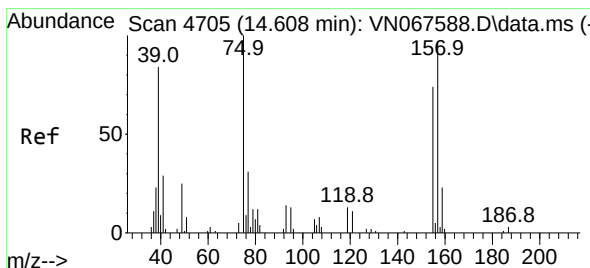
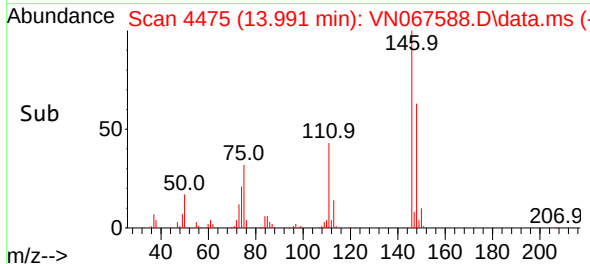
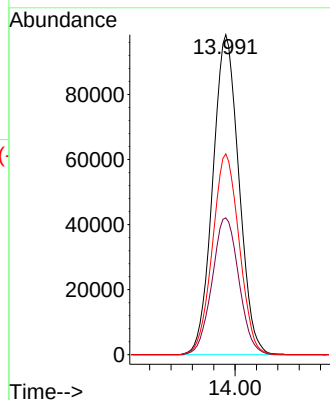
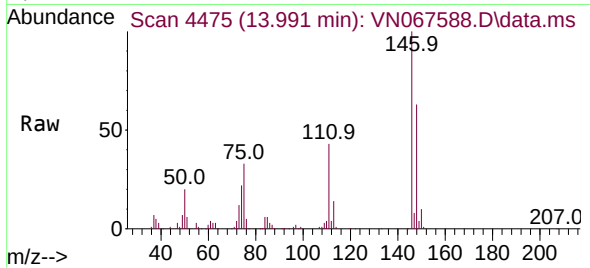
#87
1,2-Dichlorobenzene
Concen: 21.655 ug/l
RT: 13.991 min Scan# 4475
Delta R.T. 0.000 min
Lab File: VN067588.D
Acq: 1 Jul 2021 10:35

Tgt Ion:146 Resp: 167194
Ion Ratio Lower Upper
146 100
111 43.9 25.0 75.0
148 64.4 32.0 96.0

Instrument :
MSVOA_N
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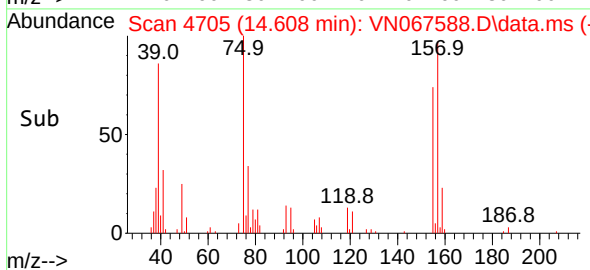
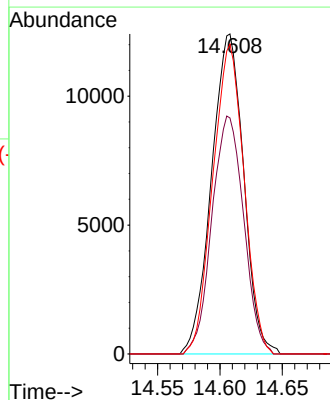
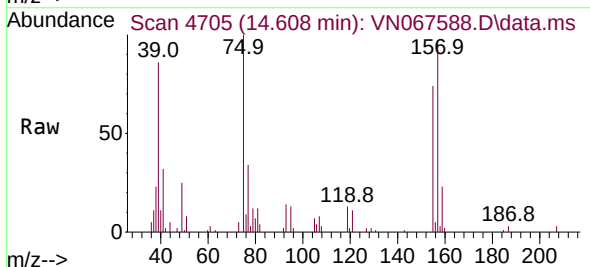
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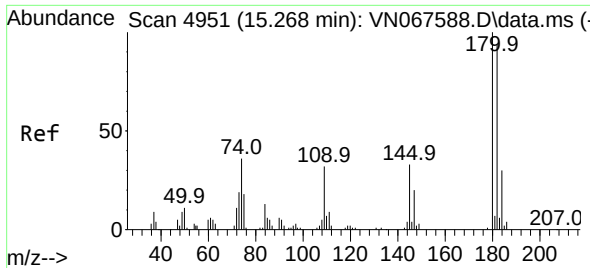
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#88
1,2-Dibromo-3-Chloropropane
Concen: 15.457 ug/l
RT: 14.608 min Scan# 4705
Delta R.T. 0.000 min
Lab File: VN067588.D
Acq: 1 Jul 2021 10:35

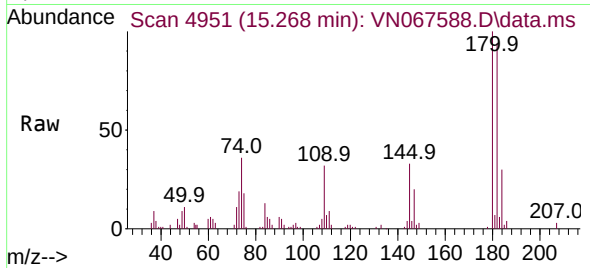
Tgt Ion: 75 Resp: 22276
Ion Ratio Lower Upper
75 100
155 73.3 45.3 67.9#
157 93.8 58.6 87.8#





#89
1,2,4-Trichlorobenzene
Concen: 18.894 ug/l
RT: 15.268 min Scan# 4951
Delta R.T. 0.000 min
Lab File: VN067588.D
Acq: 1 Jul 2021 10:35

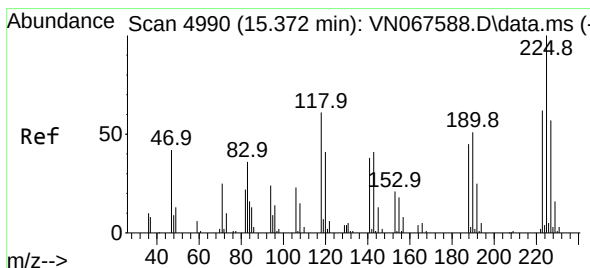
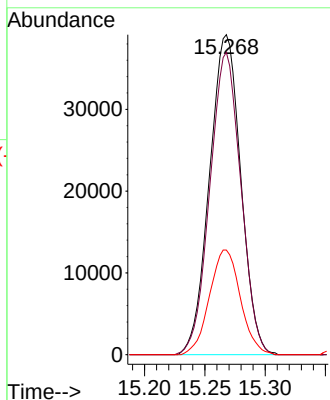
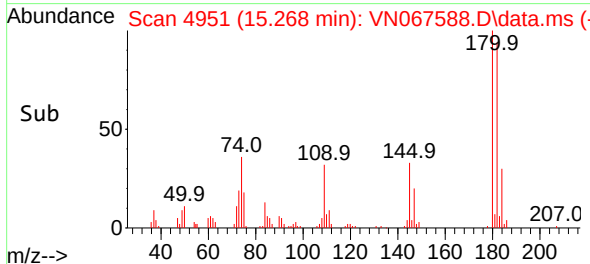
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



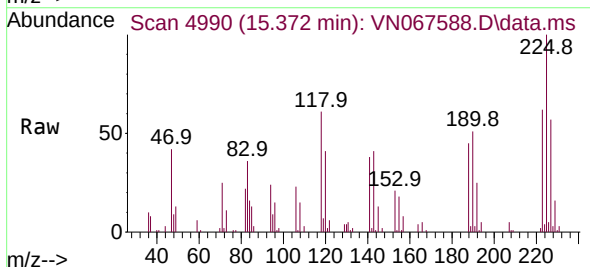
Tgt Ion:180 Resp: 70577
Ion Ratio Lower Upper
180 100
182 93.4 75.9 113.9
145 32.4 28.8 43.2

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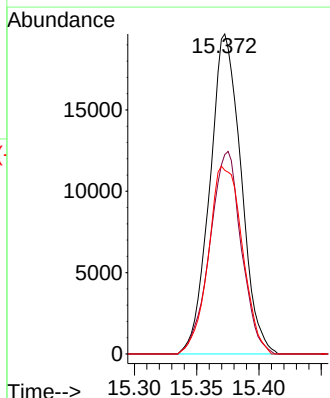
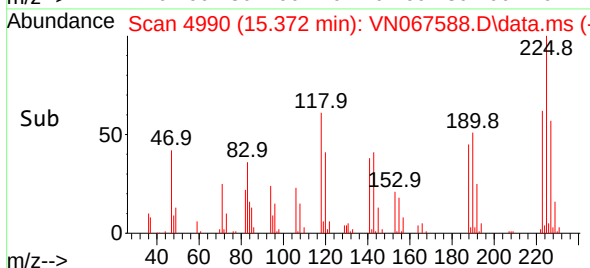
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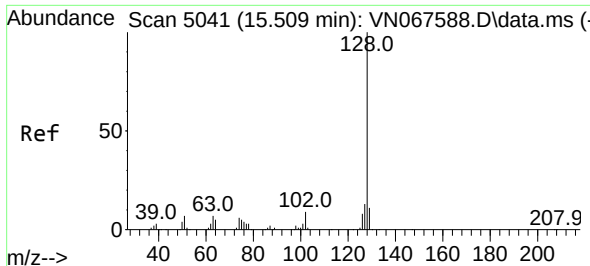


#90
Hexachlorobutadiene
Concen: 17.743 ug/l
RT: 15.372 min Scan# 4990
Delta R.T. 0.000 min
Lab File: VN067588.D
Acq: 1 Jul 2021 10:35



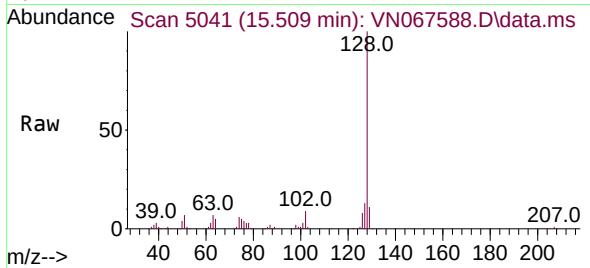
Tgt Ion:225 Resp: 34386
Ion Ratio Lower Upper
225 100
223 63.8 0.0 129.6
227 63.5 0.0 131.2





#91
Naphthalene
Concen: 16.780 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.000 min
Lab File: VN067588.D
Acq: 1 Jul 2021 10:35

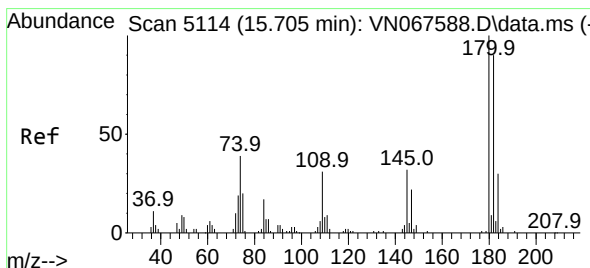
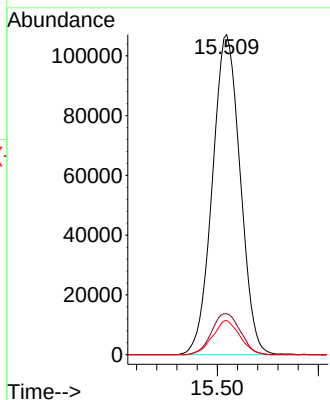
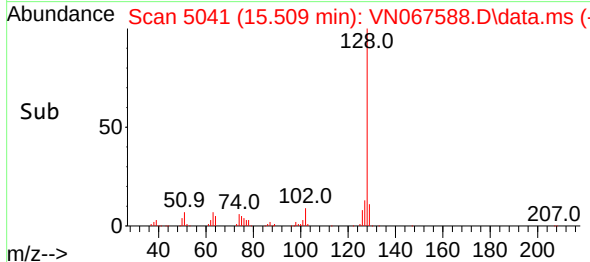
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



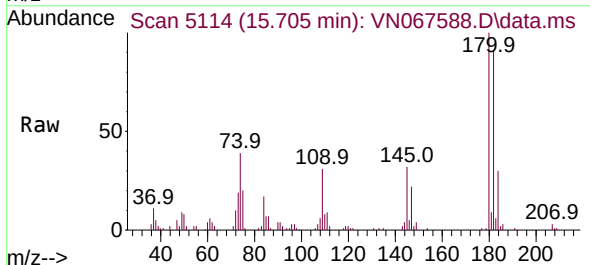
Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.1	15.1
129	10.5	8.9	13.3

Manual Integrations
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#92
1,2,3-Trichlorobenzene
Concen: 18.541 ug/l
RT: 15.705 min Scan# 5114
Delta R.T. 0.000 min
Lab File: VN067588.D
Acq: 1 Jul 2021 10:35



Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.6	0.0	184.6
145	33.5	0.0	76.0

