

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102521\
 Data File : VN069146.D
 Acq On : 25 Oct 2021 11:37
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Manual Integrations
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10/27/2021 2:20:35 PM

Quant Time: Oct 26 03:33:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N102221W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 22 13:15:19 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.662	128	59260	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.968	114	352889	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.746	117	319907	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	141944	30.752	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 102.500%			
60) 4-Bromofluorobenzene	12.733	95	161156	29.379	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 97.933%			
63) Toluene-d8	10.443	98	443103	30.657	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 102.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.075	85	87131	22.237	ug/l	96
3) Chloromethane	2.303	50	88881	21.818	ug/l	98
4) Vinyl Chloride	2.445	62	103081	21.228	ug/l	100
5) Bromomethane	2.866	94	67553	21.211	ug/l	98
6) Chloroethane	3.025	64	65115	20.687	ug/l	99
7) Trichlorofluoromethane	3.379	101	137625	21.887	ug/l	100
8) Diethyl Ether	3.829	74	47026	21.123	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.221	101	76248	22.320	ug/l	72
10) 1,1-Dichloroethene	4.191	96	70494	21.151	ug/l	100
11) Methyl Iodide	4.427	142	92279	19.691	ug/l	95
12) Methyl Acetate	4.856	43	128549	20.252	ug/l	95
13) Acrolein	4.047	56	42037	109.925	ug/l	99
14) Acrylonitrile	5.556	53	182569	101.367	ug/l	99
15) Acetone	4.288	58	63787	113.294	ug/l	95
16) Carbon Disulfide	4.537	76	190208	21.239	ug/l	97
17) Allyl chloride	4.846	41	120148	20.934	ug/l	92
18) Methylene Chloride	5.101	84	84314	21.289	ug/l	99
19) trans-1,2-Dichloroethene	5.602	96	75766	20.935	ug/l	94
20) Diisopropyl ether	6.498	45	256946	20.958	ug/l	95
21) 1,1-Dichloroethane	6.391	63	147429	21.544	ug/l	99
22) cis-1,2-Dichloroethene	7.329	96	92724	21.375	ug/l	99
23) tert-Butyl Alcohol	5.366	59	71860	97.242	ug/l #	100
24) Methyl tert-Butyl Ether	5.618	73	265196	20.978	ug/l	99
25) Chloroform	7.820	83	157547	21.545	ug/l	100
26) Cyclohexane	8.099	56	135366	21.476	ug/l #	99
29) 1,1-Dichloropropene	8.222	75	115454	20.789	ug/l	98
30) 2-Butanone	7.335	43	268637	100.740	ug/l	99
31) 2,2-Dichloropropane	7.329	77	139300	20.937	ug/l	100
32) 1,1,1-Trichloroethane	8.019	97	141824	20.524	ug/l	98
33) Carbon Tetrachloride	8.209	117	123568	21.053	ug/l	98
34) Benzene	8.461	78	341502	20.593	ug/l	99
35) Methacrylonitrile	7.635	41	51087	19.223	ug/l	97
36) 1,2-Dichloroethane	8.533	62	124194	20.751	ug/l	100
37) Trichloroethene	9.217	130	86235	20.451	ug/l	91
38) Methylcyclohexane	9.461	83	150196	21.244	ug/l	97
39) 1,2-Dichloropropane	9.491	63	87624	20.721	ug/l	97
40) Dibromomethane	9.579	93	60779	20.558	ug/l	97
41) Bromodichloromethane	9.762	83	121993	20.650	ug/l	94
42) Vinyl Acetate	6.436	43	950150	99.857	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.412	43	102476	19.700	ug/l	99
44) Isopropyl Acetate	8.560	43	187571	19.474	ug/l	98
45) 1,4-Dioxane	9.571	88	30912	401.009	ug/l	97
46) Methyl methacrylate	9.561	41	80302	18.443	ug/l	91
47) n-amyl Acetate	12.390	43	152281	18.623	ug/l	99
48) t-1,3-Dichloropropene	10.719	75	139785	20.457	ug/l	100
49) cis-1,3-Dichloropropene	10.191	75	144844	20.356	ug/l	96
50) 1,1,2-Trichloroethane	10.899	97	85407	20.129	ug/l	97
51) Ethyl methacrylate	10.762	69	136521	19.518	ug/l	94
52) 1,3-Dichloropropane	11.046	76	145252	20.347	ug/l	98
53) Dibromochloromethane	11.240	129	92006	20.312	ug/l	99
54) 1,2-Dibromoethane	11.347	107	88956	20.055	ug/l	97
55) 2-Chloroethyl vinyl ether	10.043	63	180023	81.066	ug/l	98
56) Bromoform	12.460	173	63427	19.425	ug/l #	99
58) 4-Methyl-2-Pentanone	10.330	43	548601	101.649	ug/l	98
59) 2-Hexanone	11.087	43	410889	100.815	ug/l	98
61) Tetrachloroethene	10.979	164	77544	22.303	ug/l	95
62) Toluene	10.507	91	397663	21.341	ug/l	99
64) Chlorobenzene	11.773	112	236027	20.885	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.843	131	87737	20.868	ug/l	99
66) Ethyl Benzene	11.846	91	447294	21.351	ug/l	100
67) m/p-Xylenes	11.956	106	334598	42.472	ug/l	96
68) o-Xylene	12.283	106	164116	20.804	ug/l	97
69) Styrene	12.296	104	267289	20.447	ug/l	98
70) Isopropylbenzene	12.581	105	435028	21.035	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.830	83	124464	20.533	ug/l	99
72) 1,2,3-Trichloropropane	12.881	75	103428m	19.858	ug/l	
73) Bromobenzene	12.862	156	95983	20.476	ug/l	95
74) n-propylbenzene	12.924	91	504697	21.251	ug/l	100
75) 2-Chlorotoluene	13.010	91	306982	21.109	ug/l	97
76) 1,3,5-Trimethylbenzene	13.061	105	364644	21.155	ug/l	99
77) t-1,4-Dichloro-2-butene	12.629	75	39449	19.367	ug/l	96
78) 4-Chlorotoluene	13.106	91	296654	20.814	ug/l	94
79) tert-butylbenzene	13.326	119	321575	21.248	ug/l	99
80) 1,2,4-Trimethylbenzene	13.369	105	356394m	21.063	ug/l	
81) sec-Butylbenzene	13.503	105	446416	21.071	ug/l	99
82) p-Isopropyltoluene	13.618	119	361984	20.947	ug/l	99
83) 1,3-Dichlorobenzene	13.618	146	172410	20.892	ug/l	99
84) 1,4-Dichlorobenzene	13.696	146	164039	20.413	ug/l	96
85) n-Butylbenzene	13.946	91	298225	20.634	ug/l	99
86) Hexachloroethane	14.214	117	66926	20.683	ug/l	91
87) 1,2-Dichlorobenzene	13.991	146	165679	21.011	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.605	75	23292	20.630	ug/l	95
89) 1,2,4-Trichlorobenzene	15.265	180	77421	19.473	ug/l	99
90) Hexachlorobutadiene	15.372	225	44962	21.631	ug/l	98
91) Naphthalene	15.509	128	204608	17.792	ug/l	100
92) 1,2,3-Trichlorobenzene	15.702	180	74921	19.718	ug/l	99

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

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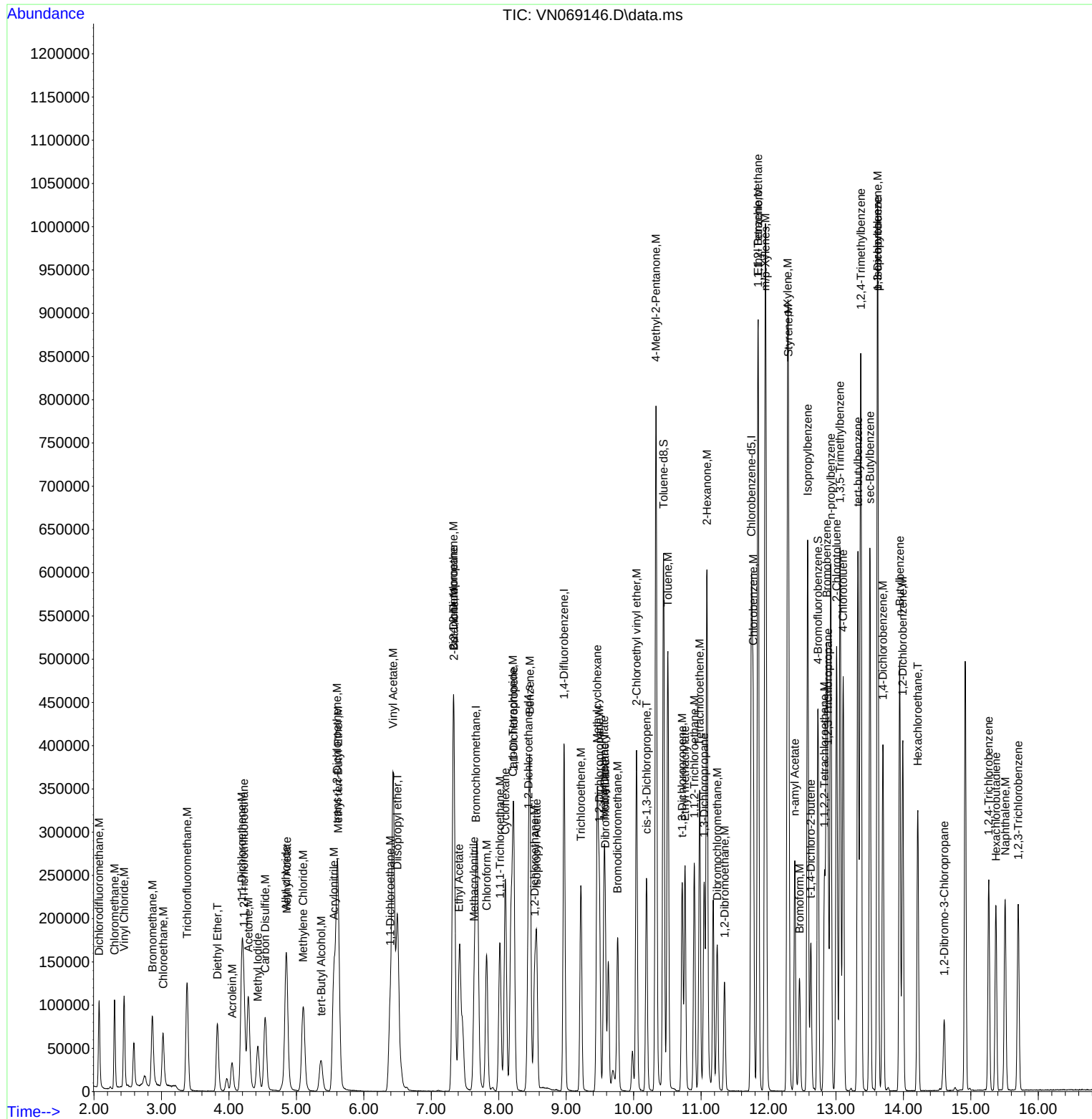
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

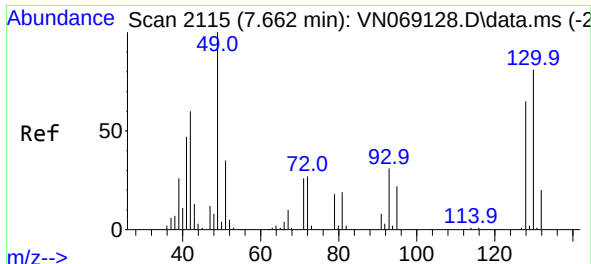
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#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.662 min Scan# 2115
Delta R.T. -0.000 min
Lab File: VN069146.D
Acq: 25 Oct 2021 11:37

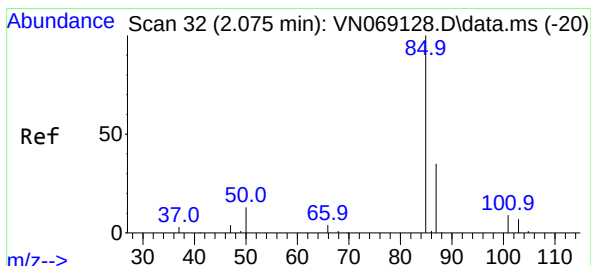
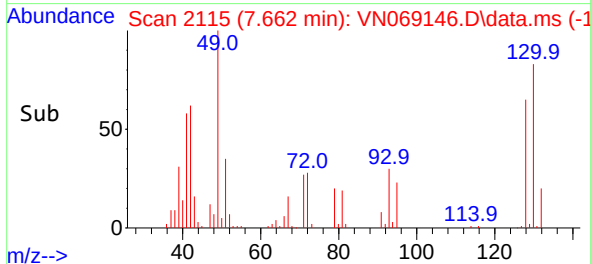
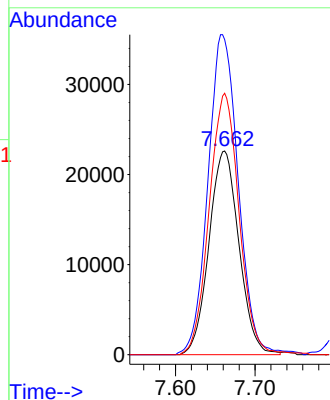
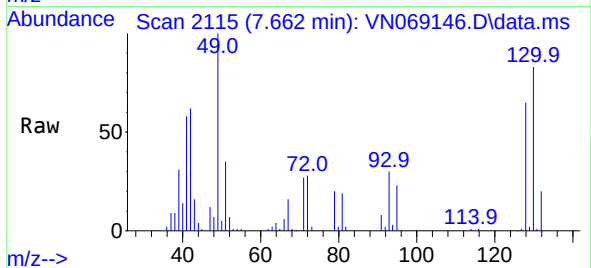
Tgt Ion:128 Resp: 59260
Ion Ratio Lower Upper
128 100
49 157.8 0.0 392.3
130 127.8 0.0 320.2

Instrument :
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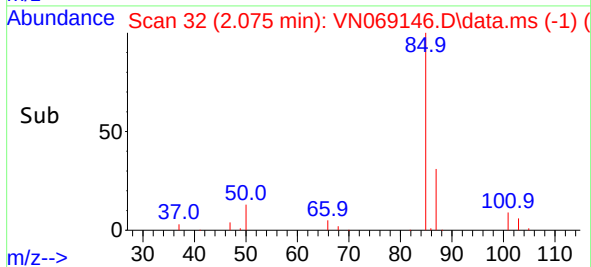
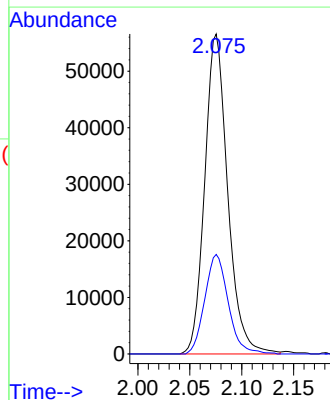
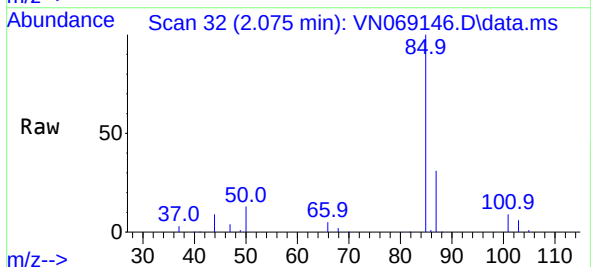
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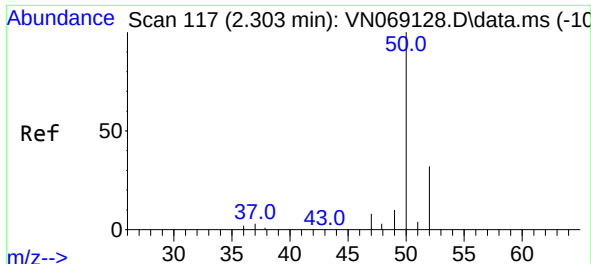
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#2
Dichlorodifluoromethane
Concen: 22.237 ug/l
RT: 2.075 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN069146.D
Acq: 25 Oct 2021 11:37

Tgt Ion: 85 Resp: 87131
Ion Ratio Lower Upper
85 100
87 31.1 16.6 49.7





#3
Chloromethane
Concen: 21.818 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN069146.D
Acq: 25 Oct 2021 11:37

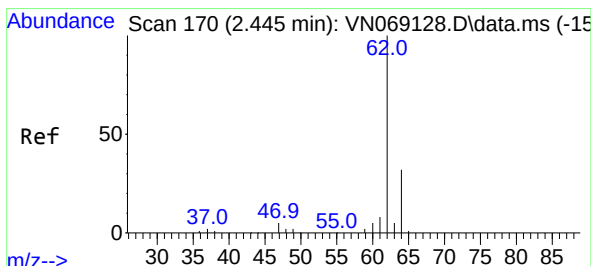
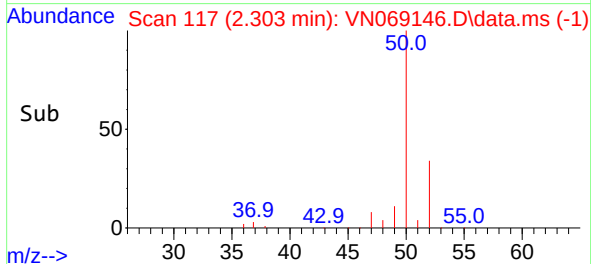
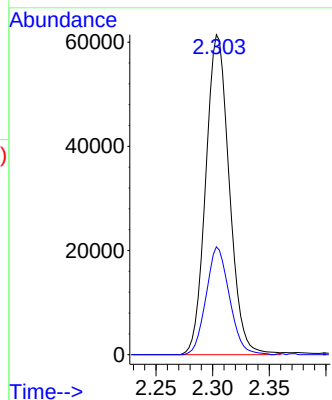
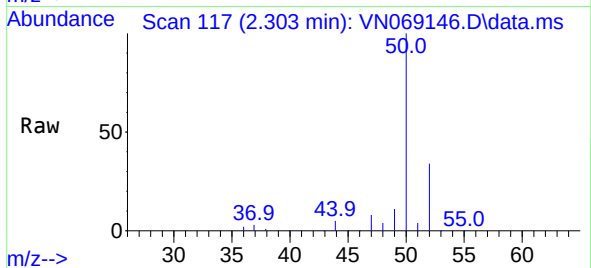
Tgt Ion: 50 Resp: 88881
Ion Ratio Lower Upper
50 100
52 33.7 27.8 41.6

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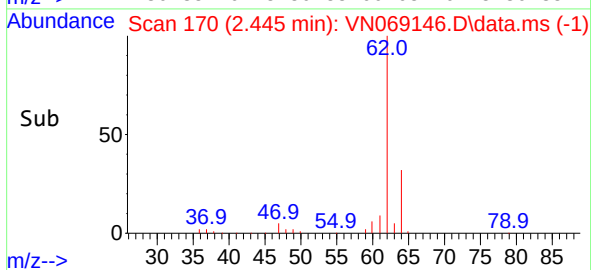
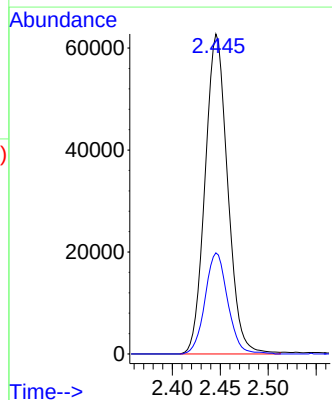
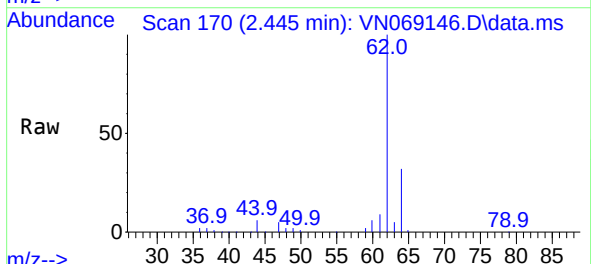
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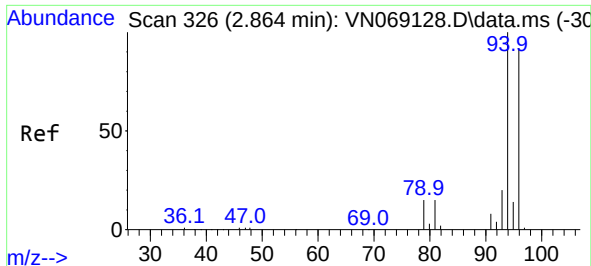
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#4
Vinyl Chloride
Concen: 21.228 ug/l
RT: 2.445 min Scan# 170
Delta R.T. 0.000 min
Lab File: VN069146.D
Acq: 25 Oct 2021 11:37

Tgt Ion: 62 Resp: 103081
Ion Ratio Lower Upper
62 100
64 31.6 25.1 37.7





#5
Bromomethane
Concen: 21.211 ug/l
RT: 2.866 min Scan# 327
Delta R.T. 0.003 min
Lab File: VN069146.D
Acq: 25 Oct 2021 11:37

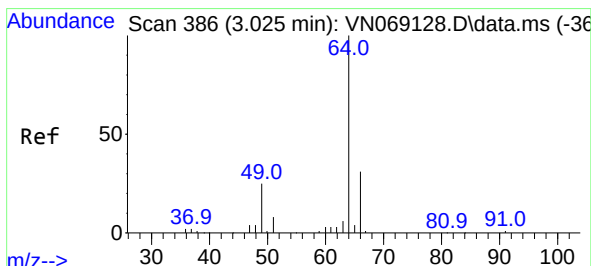
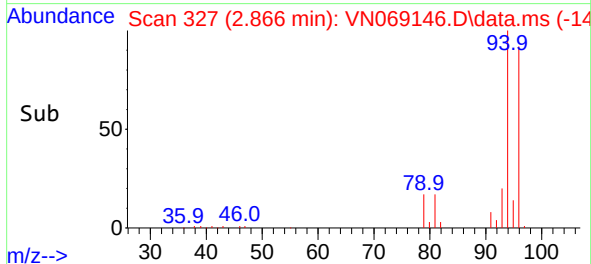
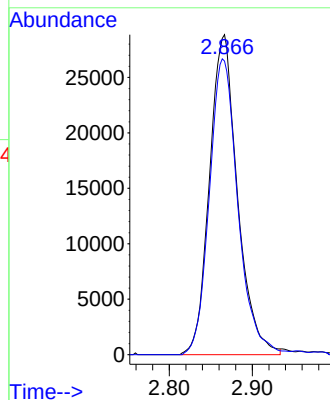
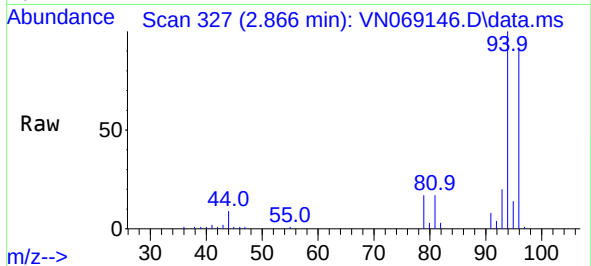
Tgt Ion: 94 Resp: 67553
Ion Ratio Lower Upper
94 100
96 91.8 75.2 112.8

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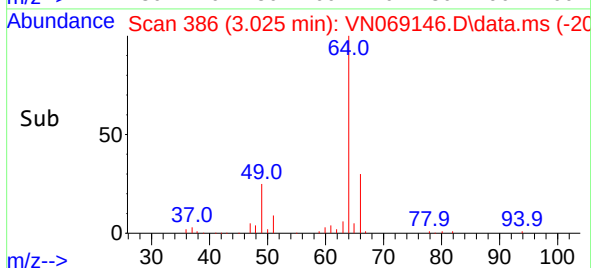
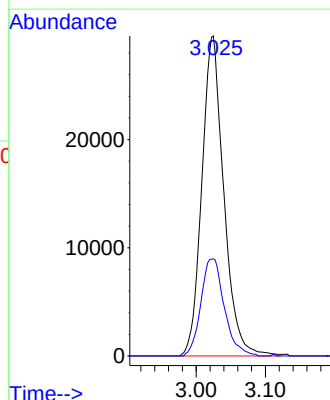
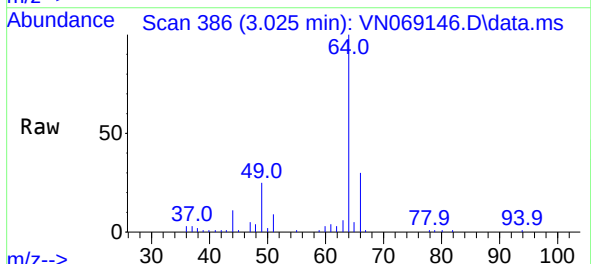
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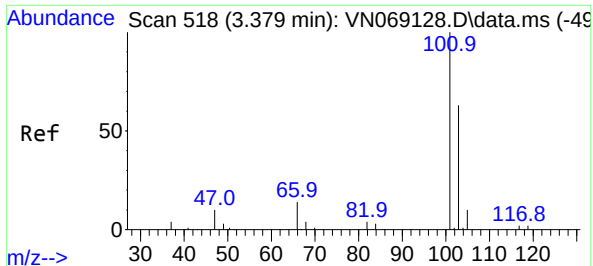
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#6
Chloroethane
Concen: 20.687 ug/l
RT: 3.025 min Scan# 386
Delta R.T. 0.000 min
Lab File: VN069146.D
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Tgt Ion: 64 Resp: 65115
Ion Ratio Lower Upper
64 100
66 30.4 24.6 36.8





#7
Trichlorofluoromethane
Concen: 21.887 ug/l
RT: 3.379 min Scan# 518
Delta R.T. 0.000 min
Lab File: VN069146.D
Acq: 25 Oct 2021 11:37

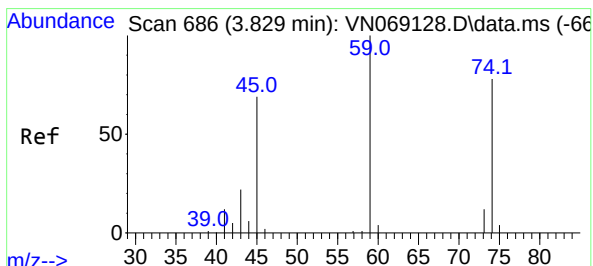
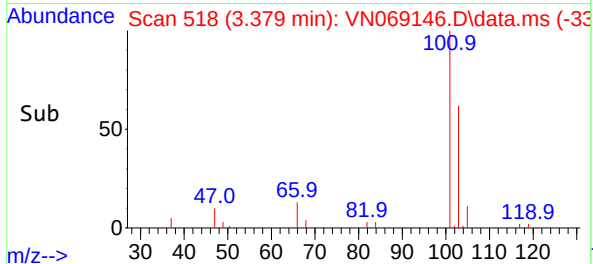
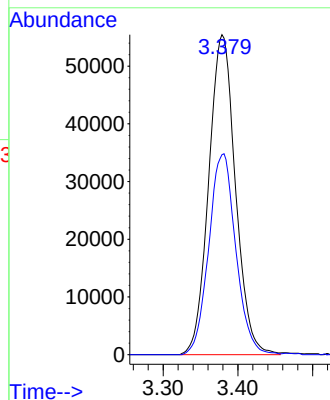
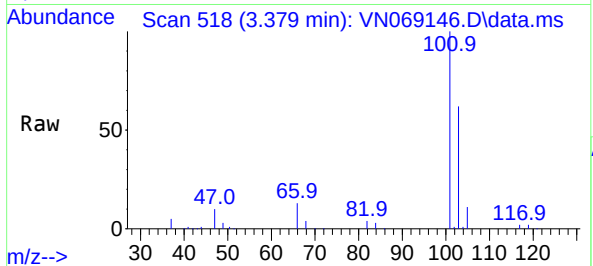
Tgt Ion:101 Resp: 137625
Ion Ratio Lower Upper
101 100
103 62.5 50.1 75.1

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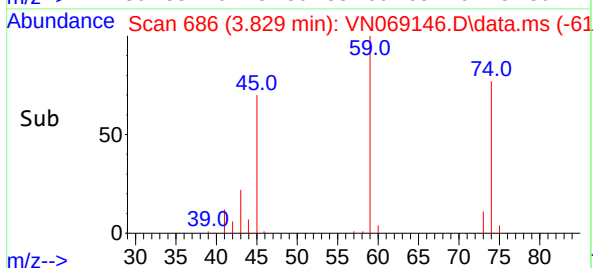
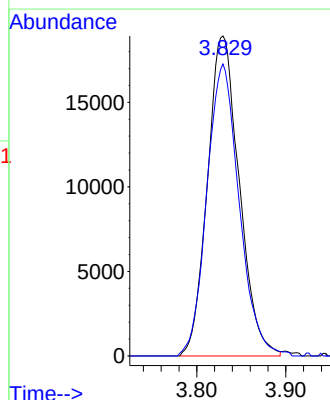
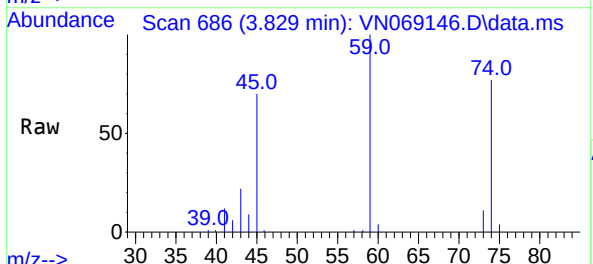
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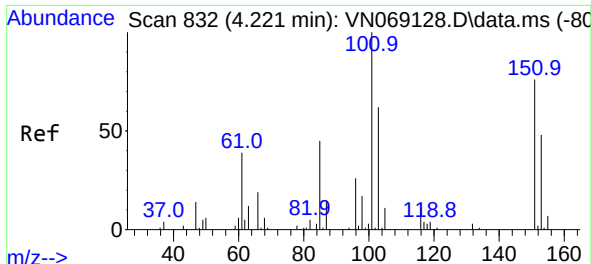
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#8
Diethyl Ether
Concen: 21.123 ug/l
RT: 3.829 min Scan# 686
Delta R.T. 0.000 min
Lab File: VN069146.D
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Tgt Ion: 74 Resp: 47026
Ion Ratio Lower Upper
74 100
45 92.7 17.6 158.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.320 ug/l
RT: 4.221 min Scan# 832
Delta R.T. 0.000 min
Lab File: VN069146.D
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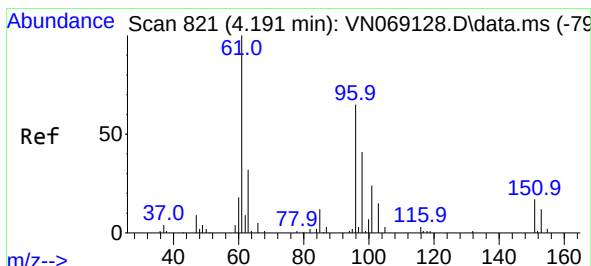
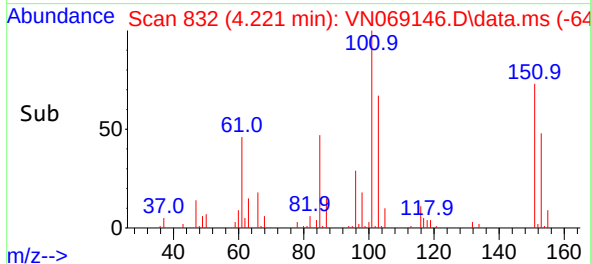
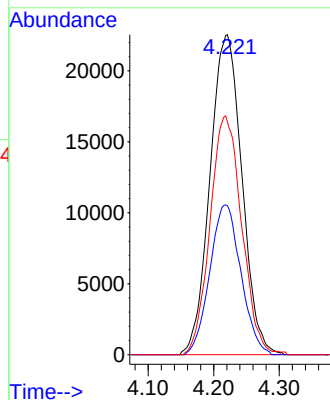
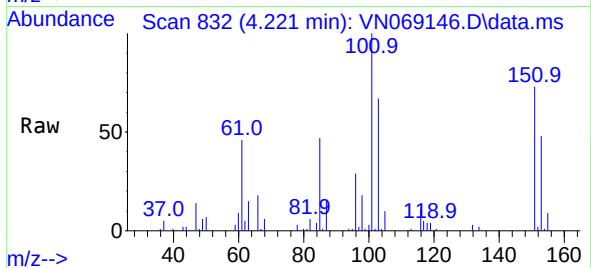
Tgt Ion: 101 Resp: 76248
Ion Ratio Lower Upper
101 100
85 45.6 0.0 94.0
151 73.6 0.0 74.6

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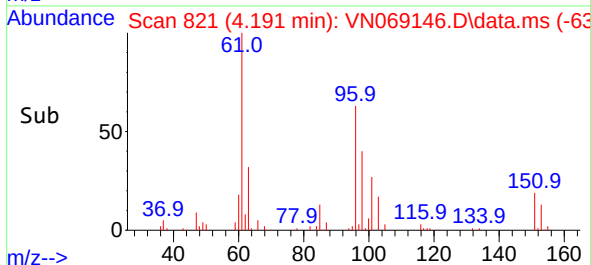
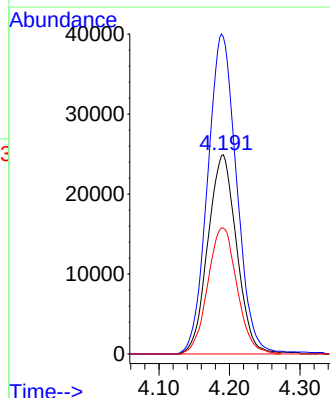
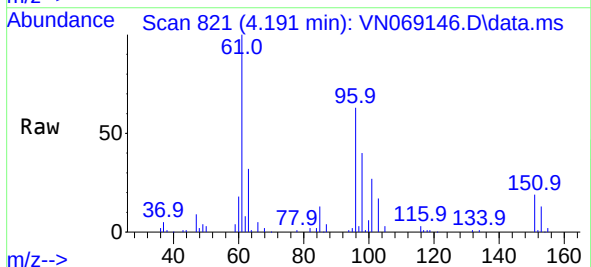
MMDadoda

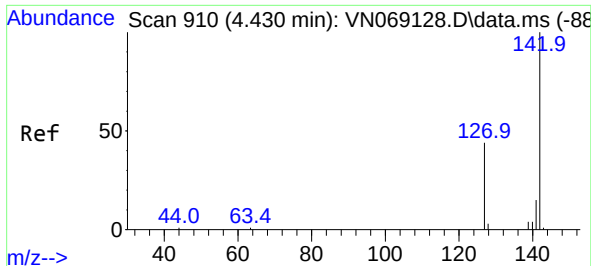
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#10
1,1-Dichloroethene
Concen: 21.151 ug/l
RT: 4.191 min Scan# 821
Delta R.T. 0.000 min
Lab File: VN069146.D
Acq: 25 Oct 2021 11:37

Tgt Ion: 96 Resp: 70494
Ion Ratio Lower Upper
96 100
61 158.3 126.2 189.4
98 63.1 50.9 76.3





#11
Methyl Iodide
Concen: 19.691 ug/l
RT: 4.427 min Scan# 909
Delta R.T. -0.003 min
Lab File: VN069146.D
Acq: 25 Oct 2021 11:37

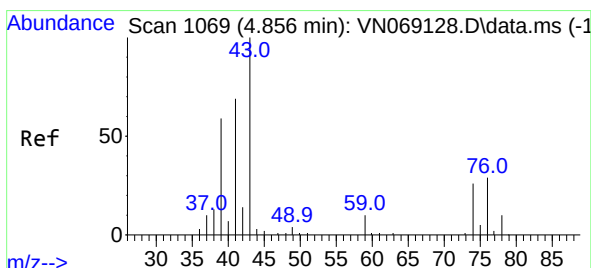
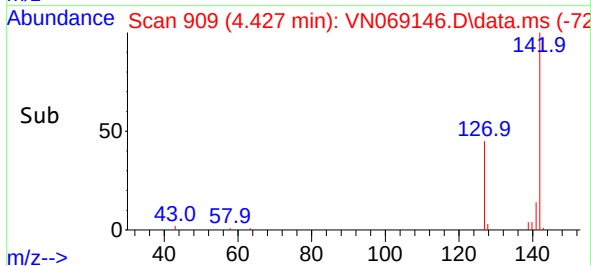
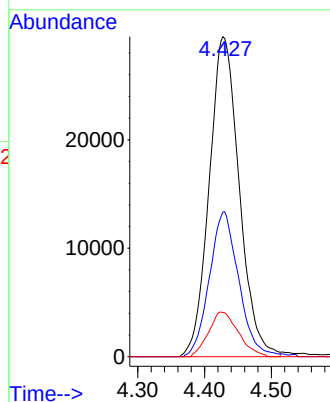
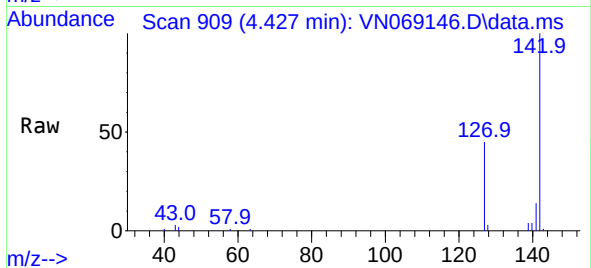
Tgt Ion:	142	Resp:	92279
Ion	Ratio	Lower	Upper
142	100		
127	45.1	24.0	72.0
141	13.9	8.4	25.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

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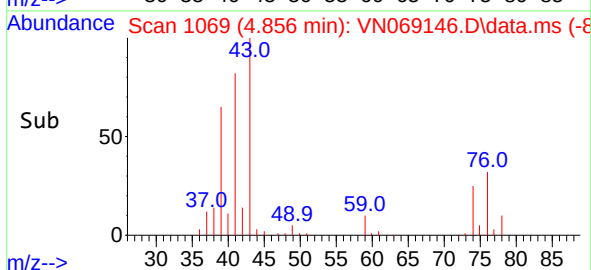
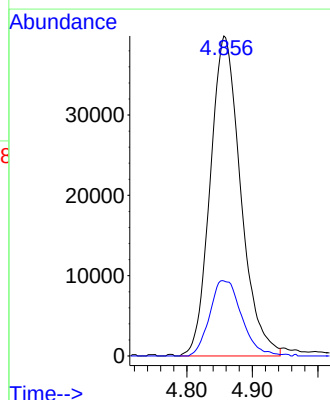
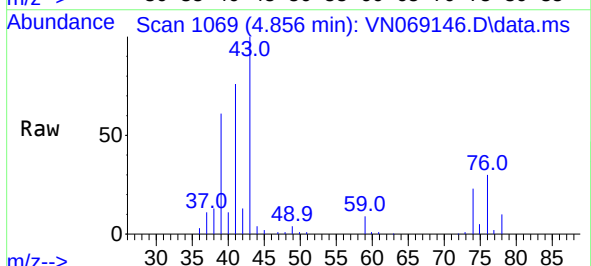
MMDadoda

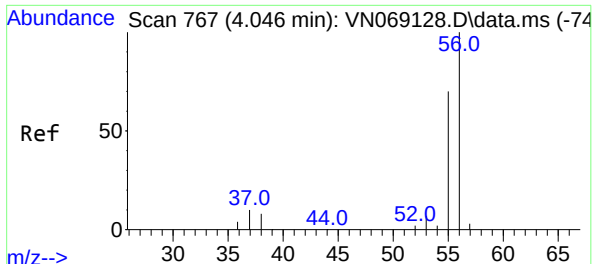
10/27/2021 2:20:35 PM



#12
Methyl Acetate
Concen: 20.252 ug/l
RT: 4.856 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VN069146.D
Acq: 25 Oct 2021 11:37

Tgt Ion:	43	Resp:	128549
Ion	Ratio	Lower	Upper
43	100		
74	23.5	20.8	31.2





#13
Acrolein
Concen: 109.925 ug/l
RT: 4.047 min Scan# 767
Delta R.T. 0.000 min
Lab File: VN069146.D
Acq: 25 Oct 2021 11:37

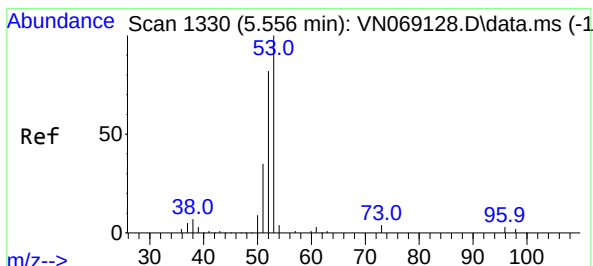
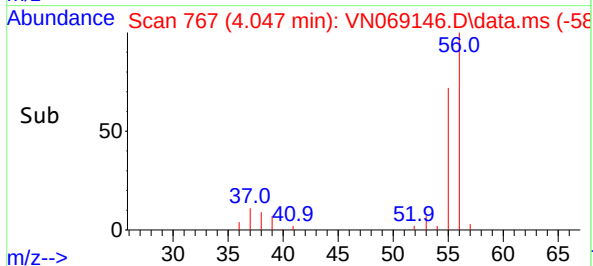
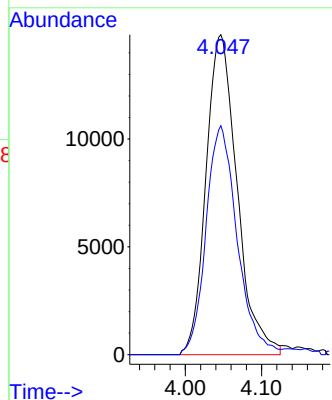
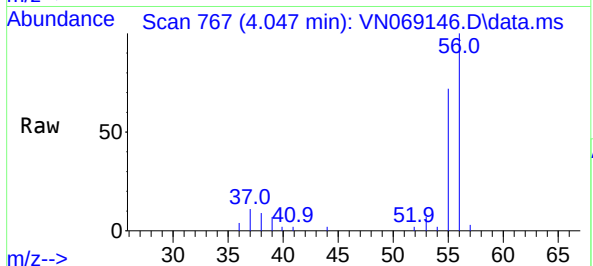
Tgt Ion: 56 Resp: 42037
Ion Ratio Lower Upper
56 100
55 71.0 57.6 86.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Manual Integrations
APPROVED

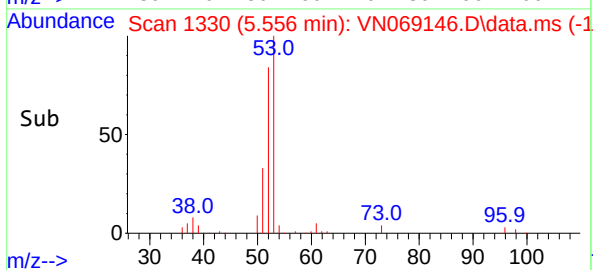
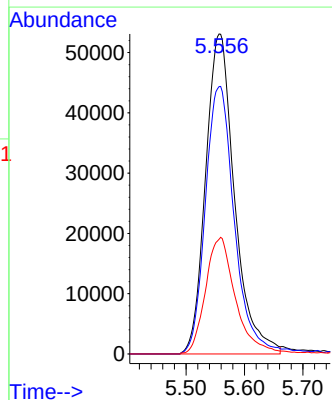
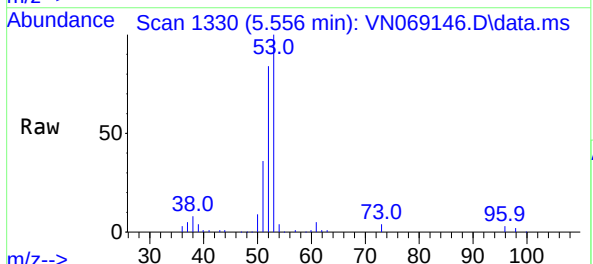
MMDadoda

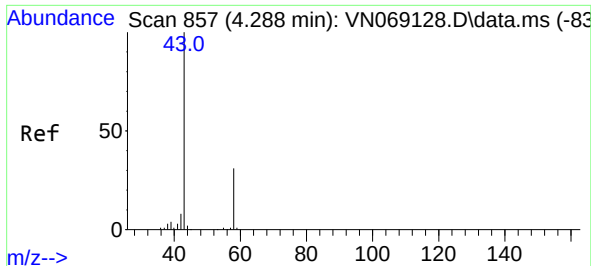
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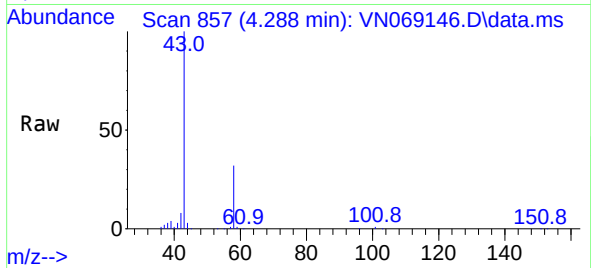
#14
Acrylonitrile
Concen: 101.367 ug/l
RT: 5.556 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VN069146.D
Acq: 25 Oct 2021 11:37

Tgt Ion: 53 Resp: 182569
Ion Ratio Lower Upper
53 100
52 83.6 41.8 125.4
51 37.0 19.0 57.0

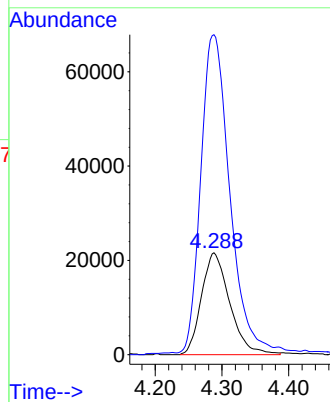
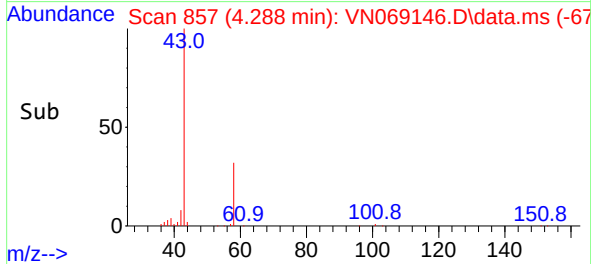




#15
Acetone
Concen: 113.294 ug/l
RT: 4.288 min Scan# 857
Delta R.T. 0.000 min
Lab File: VN069146.D
Acq: 25 Oct 2021 11:37



Tgt Ion: 58 Resp: 63787
Ion Ratio Lower Upper
58 100
43 311.4 256.6 384.8

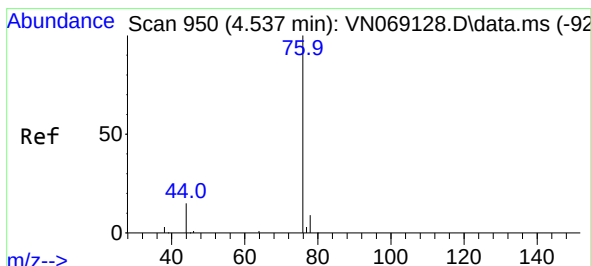


Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020

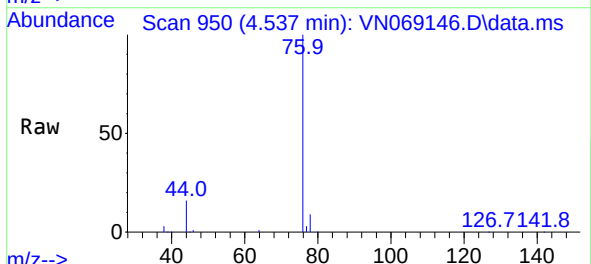
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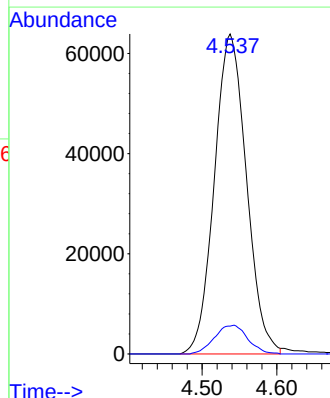
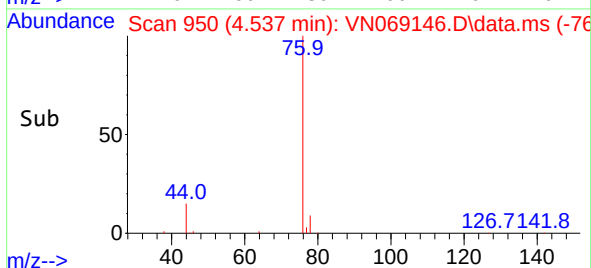
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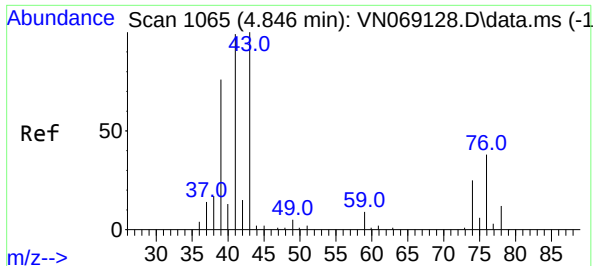


#16
Carbon Disulfide
Concen: 21.239 ug/l
RT: 4.537 min Scan# 950
Delta R.T. 0.000 min
Lab File: VN069146.D
Acq: 25 Oct 2021 11:37

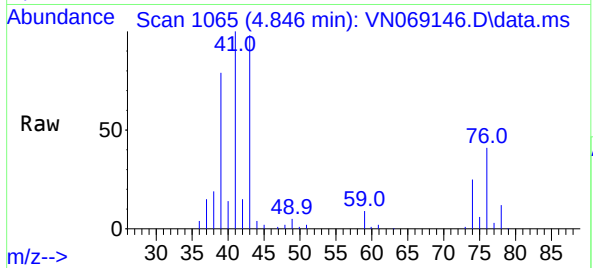


Tgt Ion: 76 Resp: 190208
Ion Ratio Lower Upper
76 100
78 8.7 7.8 11.8

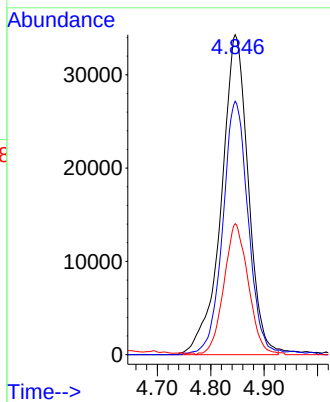
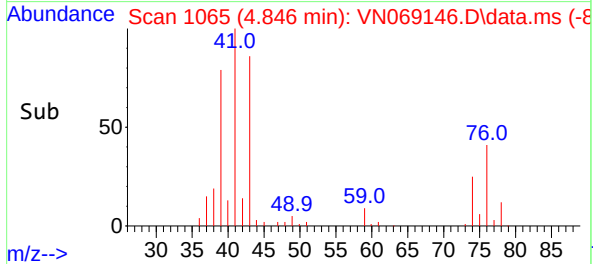




#17
Allyl chloride
Concen: 20.934 ug/l
RT: 4.846 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VN069146.D
Acq: 25 Oct 2021 11:37



Tgt Ion: 41 Resp: 120148
Ion Ratio Lower Upper
41 100
39 79.2 44.6 134.0
76 40.5 19.6 58.7

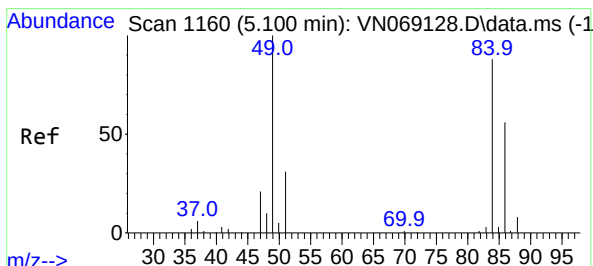


Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020

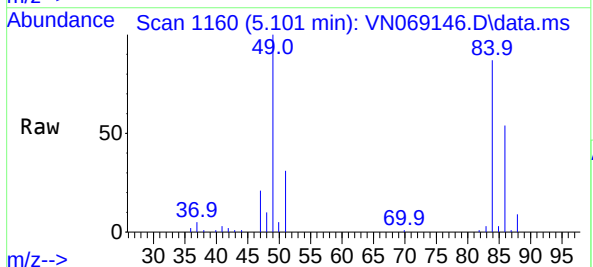
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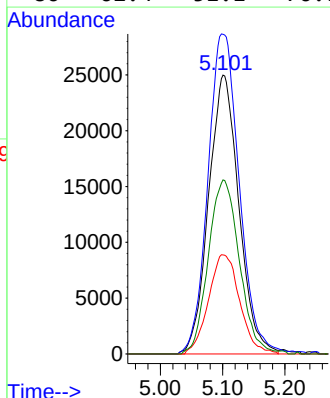
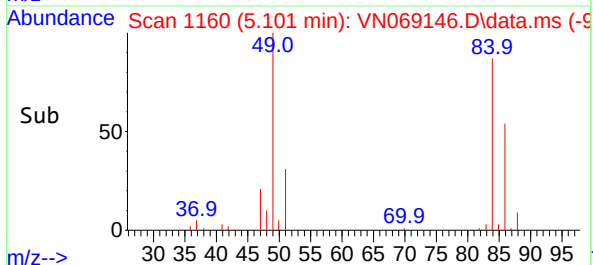
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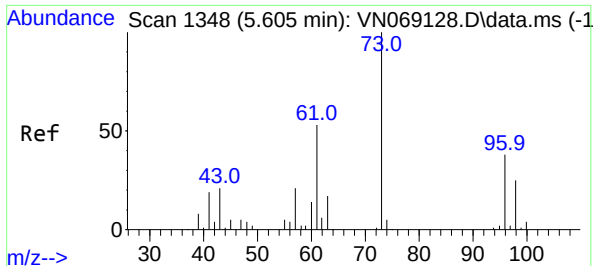


#18
Methylene Chloride
Concen: 21.289 ug/l
RT: 5.101 min Scan# 1160
Delta R.T. 0.000 min
Lab File: VN069146.D
Acq: 25 Oct 2021 11:37



Tgt Ion: 84 Resp: 84314
Ion Ratio Lower Upper
84 100
49 114.6 91.4 137.0
51 35.5 29.4 44.0
86 62.4 51.1 76.7





#19
trans-1,2-Dichloroethene
Concen: 20.935 ug/l
RT: 5.602 min Scan# 1347
Delta R.T. -0.003 min
Lab File: VN069146.D
Acq: 25 Oct 2021 11:37

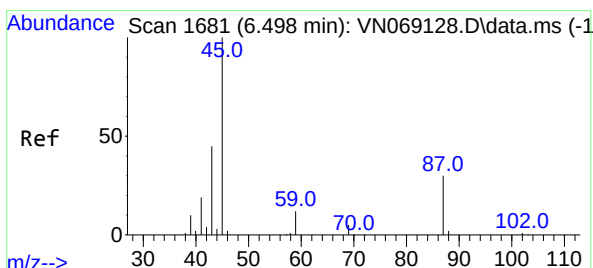
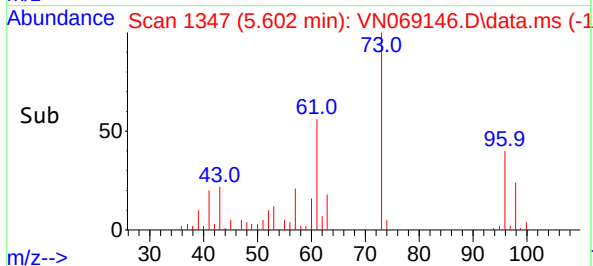
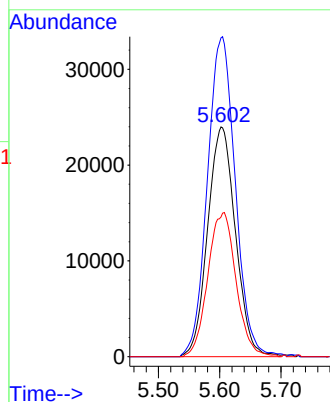
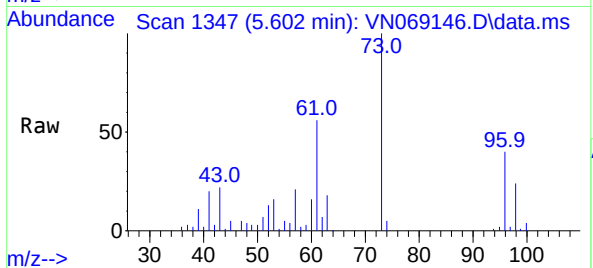
Tgt Ion:	96	Resp:	75766
Ion	Ratio	Lower	Upper
96	100		
61	138.7	102.8	154.2
98	60.8	49.3	73.9

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020

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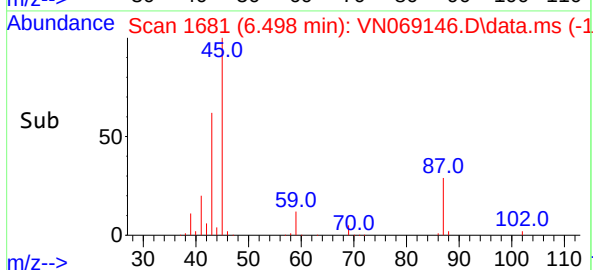
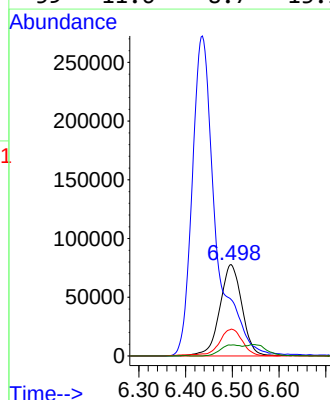
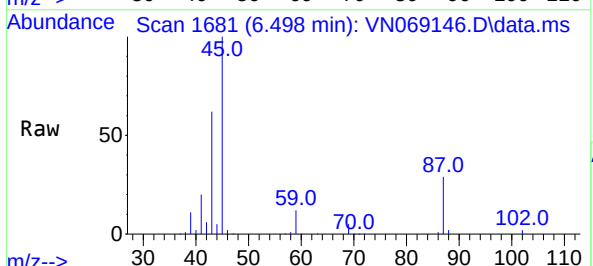
MMDadoda

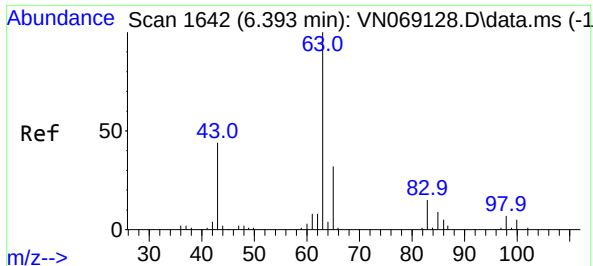
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#20
Diisopropyl ether
Concen: 20.958 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VN069146.D
Acq: 25 Oct 2021 11:37

Tgt Ion:	45	Resp:	256946
Ion	Ratio	Lower	Upper
45	100		
43	59.5	51.0	76.4
87	29.2	25.0	37.4
59	11.6	8.7	13.1





#21
1,1-Dichloroethane
Concen: 21.544 ug/l
RT: 6.391 min Scan# 1641
Delta R.T. -0.003 min
Lab File: VN069146.D
Acq: 25 Oct 2021 11:37

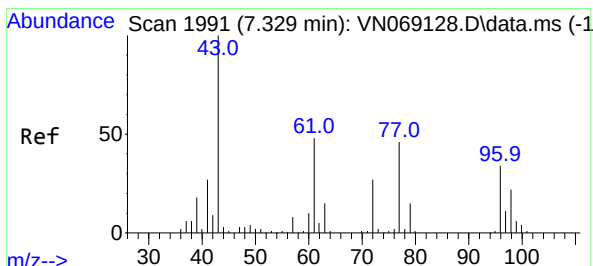
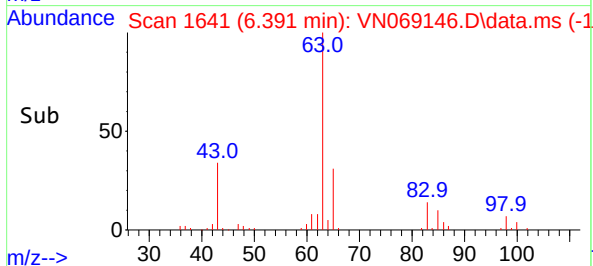
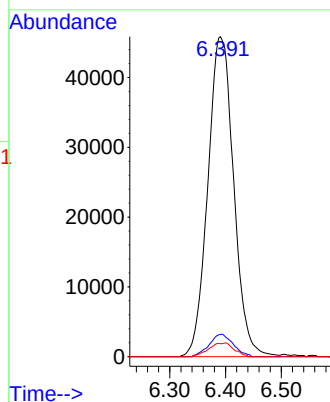
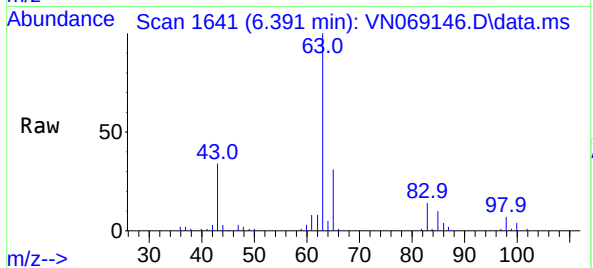
Tgt Ion: 63 Resp: 147429
Ion Ratio Lower Upper
63 100
98 6.9 3.2 9.6
100 4.1 2.1 6.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

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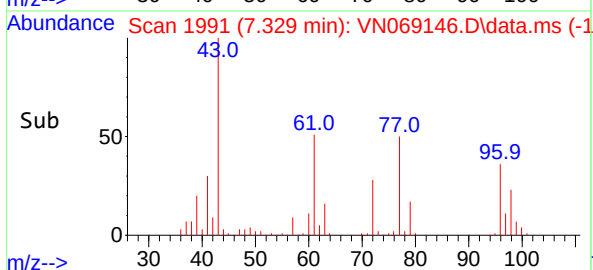
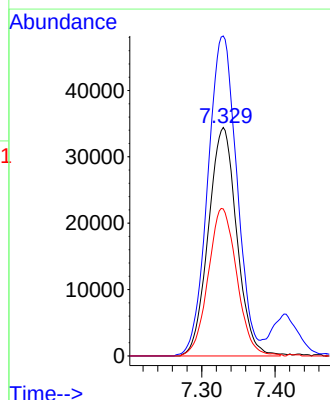
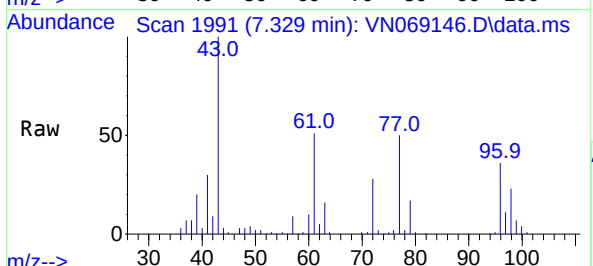
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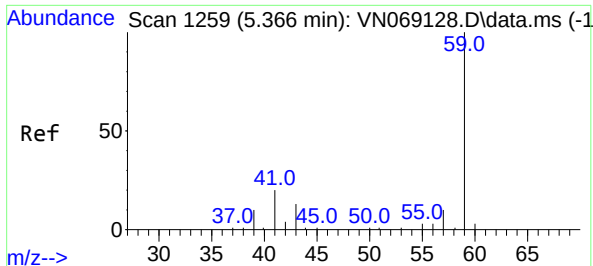
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#22
cis-1,2-Dichloroethene
Concen: 21.375 ug/l
RT: 7.329 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VN069146.D
Acq: 25 Oct 2021 11:37

Tgt Ion: 96 Resp: 92724
Ion Ratio Lower Upper
96 100
61 143.5 115.7 173.5
98 64.9 51.6 77.4





#23

tert-Butyl Alcohol
Concen: 97.242 ug/l
RT: 5.366 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN069146.D
Acq: 25 Oct 2021 11:37

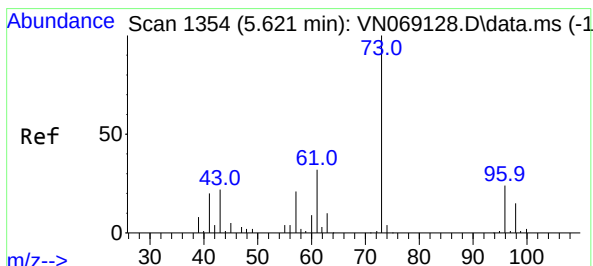
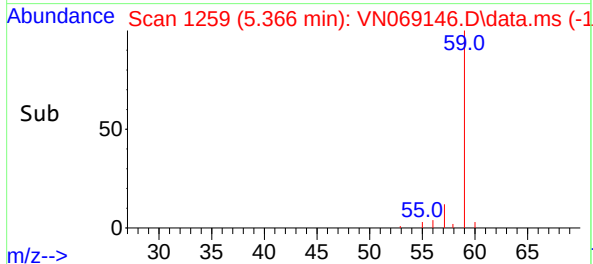
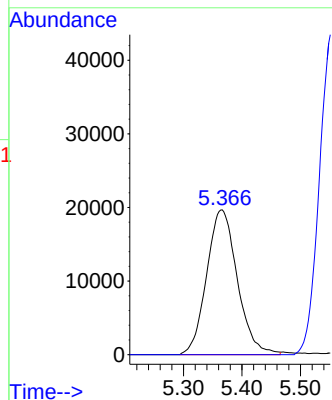
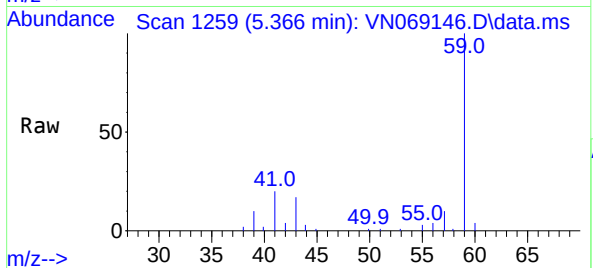
Tgt Ion: 59 Resp: 71860
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020

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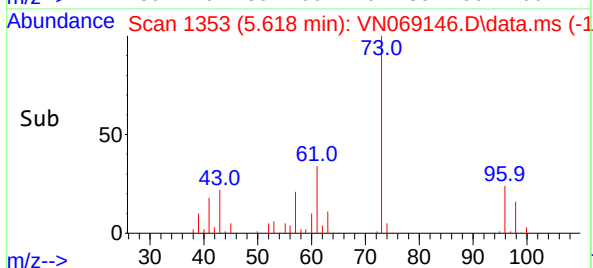
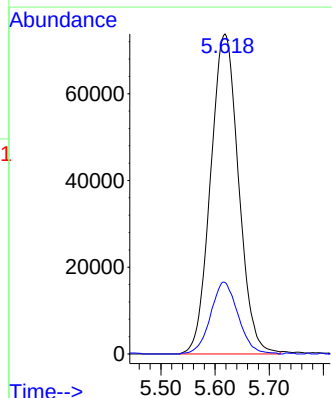
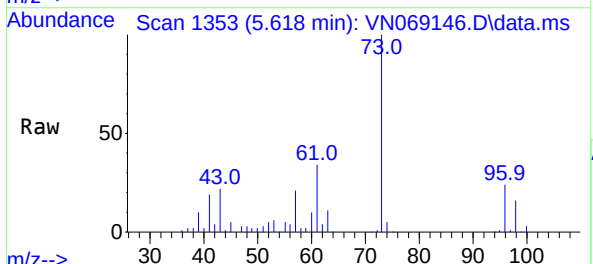
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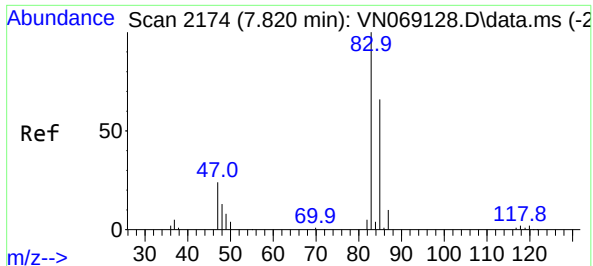


#24

Methyl tert-Butyl Ether
Concen: 20.978 ug/l
RT: 5.618 min Scan# 1353
Delta R.T. -0.003 min
Lab File: VN069146.D
Acq: 25 Oct 2021 11:37

Tgt Ion: 73 Resp: 265196
Ion Ratio Lower Upper
73 100
43 22.1 18.1 27.1





#25
Chloroform
Concen: 21.545 ug/l
RT: 7.820 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN069146.D
Acq: 25 Oct 2021 11:37

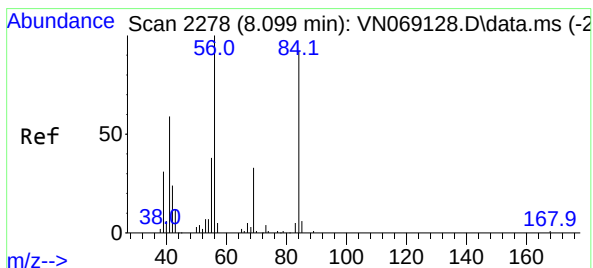
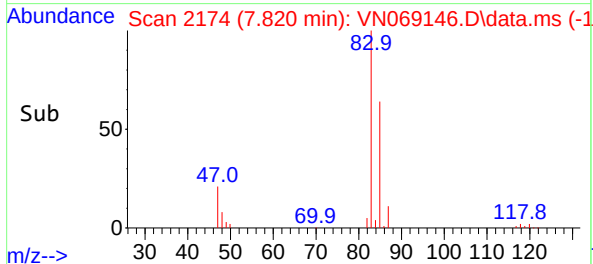
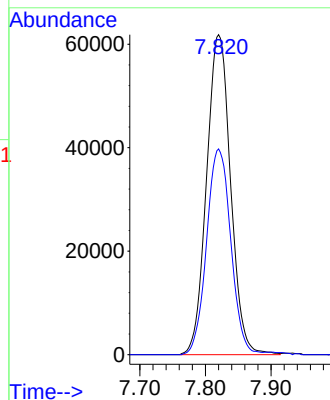
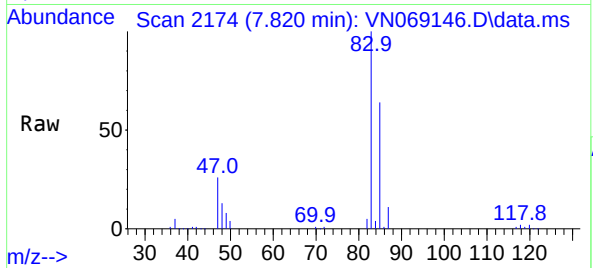
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 83 Resp: 157547
Ion Ratio Lower Upper
83 100
85 64.3 51.3 76.9

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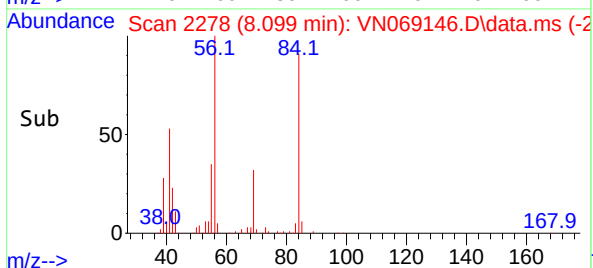
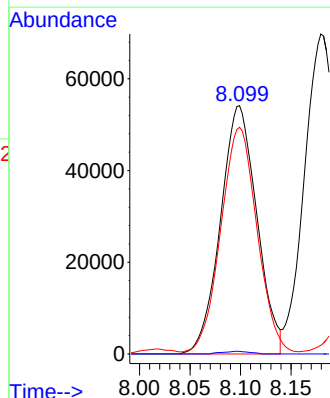
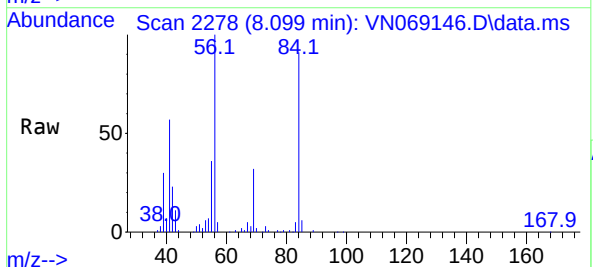
MMDadoda

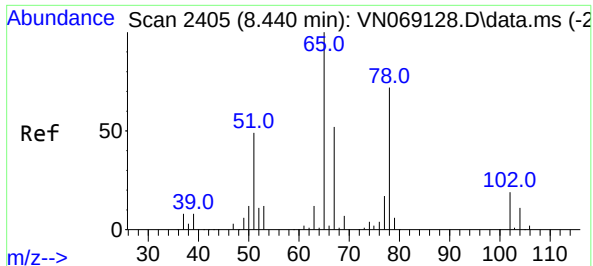
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#26
Cyclohexane
Concen: 21.476 ug/l
RT: 8.099 min Scan# 2278
Delta R.T. 0.000 min
Lab File: VN069146.D
Acq: 25 Oct 2021 11:37

Tgt Ion: 56 Resp: 135366
Ion Ratio Lower Upper
56 100
89 0.8 0.1 0.1#
84 92.0 74.6 111.8





#27
1,2-Dichloroethane-d4
Concen: 30.752 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN069146.D
Acq: 25 Oct 2021 11:37

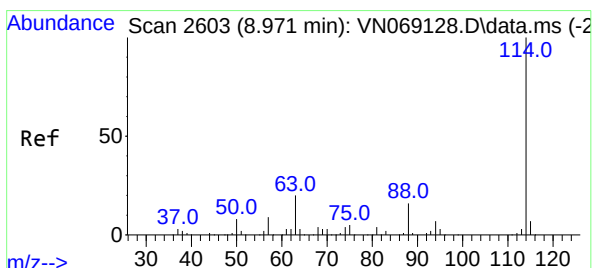
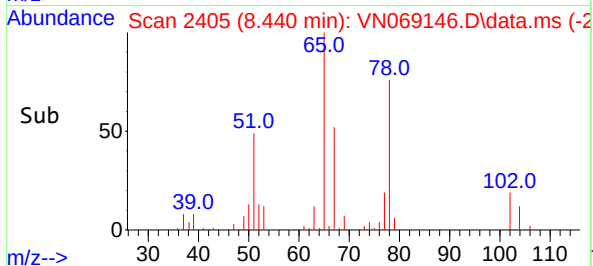
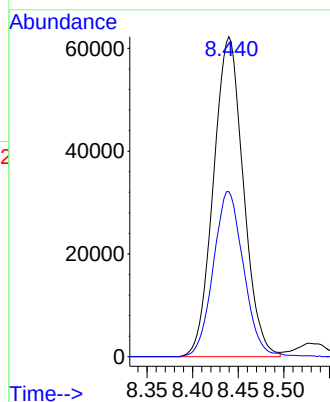
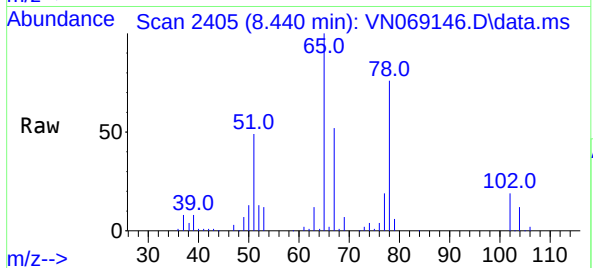
Tgt Ion: 65 Resp: 141944
Ion Ratio Lower Upper
65 100
67 52.1 40.2 60.2

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020

Manual Integrations
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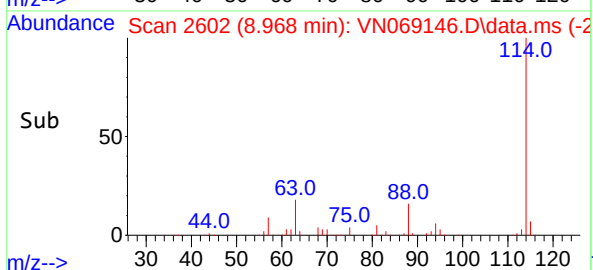
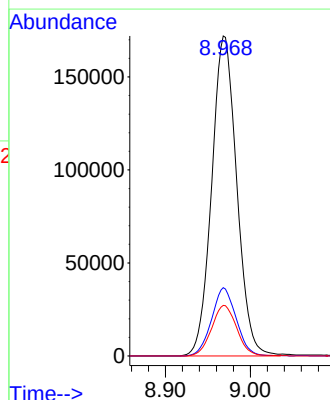
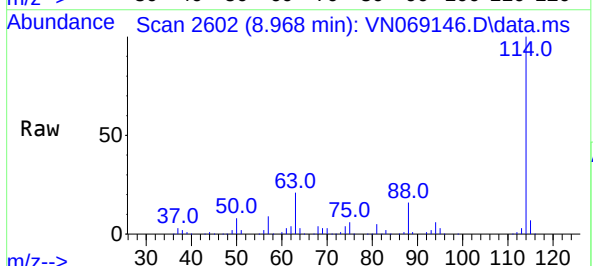
MMDadoda

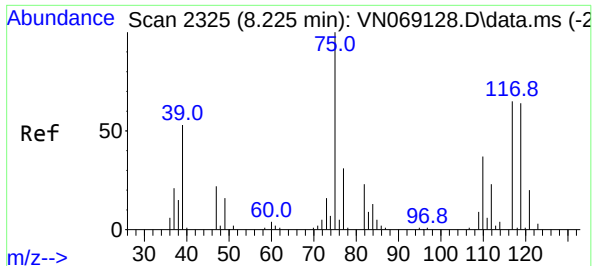
10/27/2021 2:20:35 PM



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.003 min
Lab File: VN069146.D
Acq: 25 Oct 2021 11:37

Tgt Ion: 114 Resp: 352889
Ion Ratio Lower Upper
114 100
63 20.9 15.8 23.6
88 15.9 11.6 17.4





#29
1,1-Dichloropropene
Concen: 20.789 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. -0.003 min
Lab File: VN069146.D
Acq: 25 Oct 2021 11:37

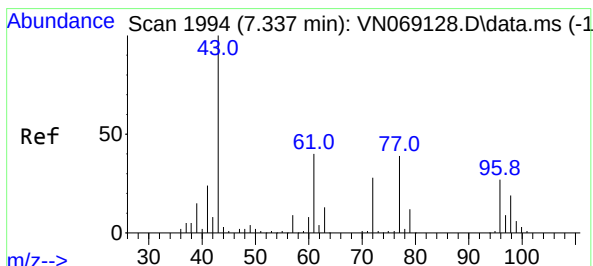
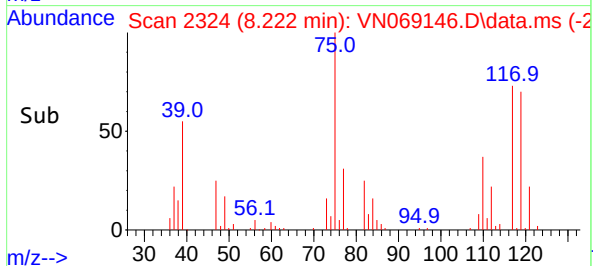
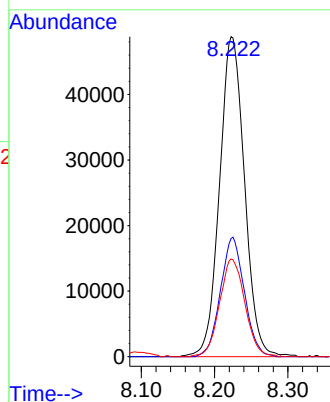
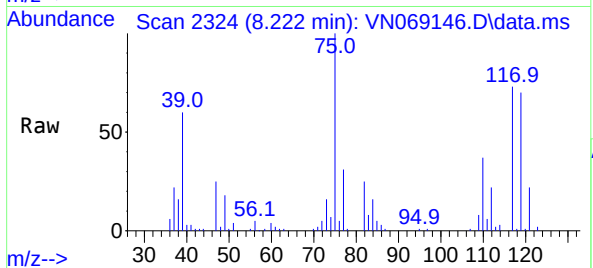
Tgt Ion: 75 Resp: 115454
Ion Ratio Lower Upper
75 100
110 35.9 0.0 74.2
77 31.0 0.0 63.2

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020

Manual Integrations
APPROVED

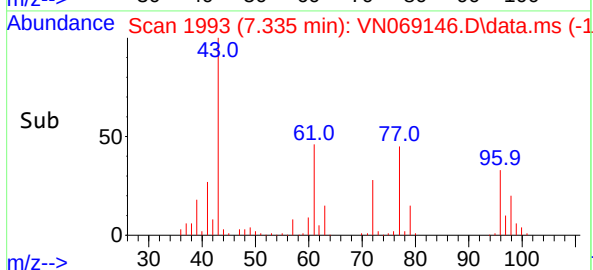
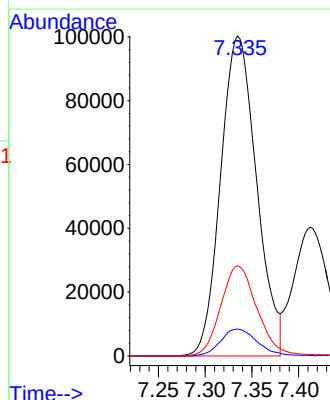
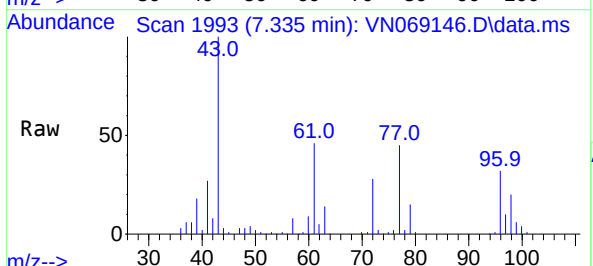
MMDadoda

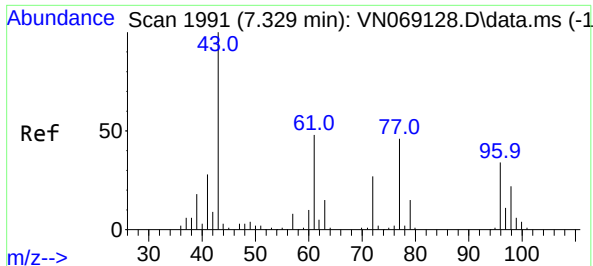
10/27/2021 2:20:35 PM



#30
2-Butanone
Concen: 100.740 ug/l
RT: 7.335 min Scan# 1993
Delta R.T. -0.003 min
Lab File: VN069146.D
Acq: 25 Oct 2021 11:37

Tgt Ion: 43 Resp: 268637
Ion Ratio Lower Upper
43 100
57 8.6 6.7 10.1
72 28.6 23.2 34.8





#31
2,2-Dichloropropane
Concen: 20.937 ug/l
RT: 7.329 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VN069146.D
Acq: 25 Oct 2021 11:37

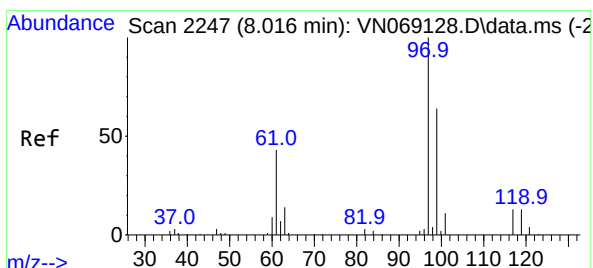
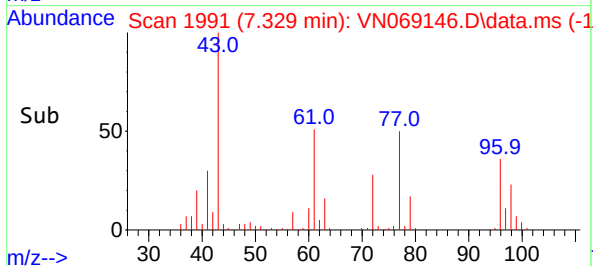
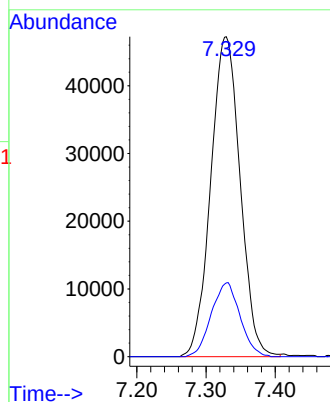
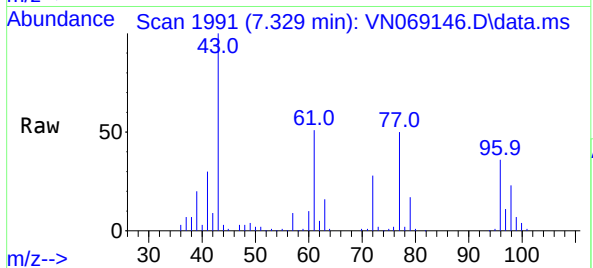
Tgt Ion: 77 Resp: 139300
Ion Ratio Lower Upper
77 100
97 22.7 18.3 27.5

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020

Manual Integrations
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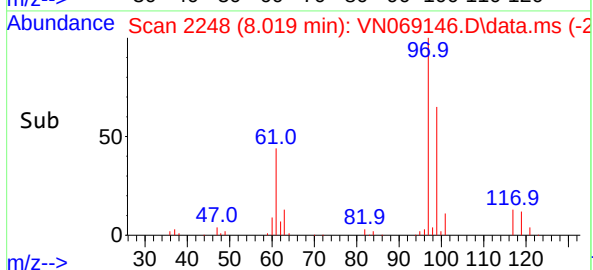
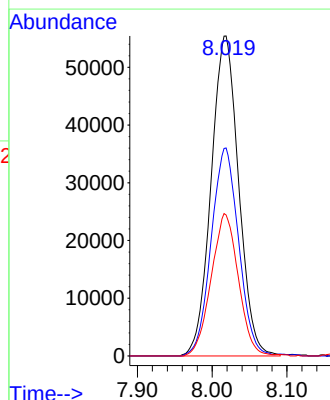
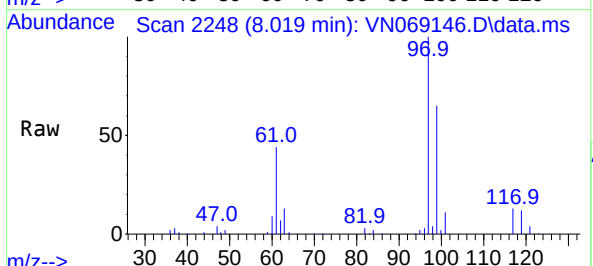
MMDadoda

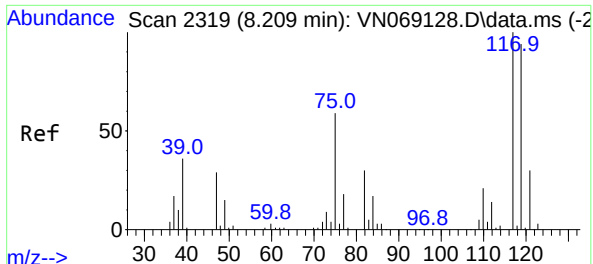
10/27/2021 2:20:35 PM



#32
1,1,1-Trichloroethane
Concen: 20.524 ug/l
RT: 8.019 min Scan# 2248
Delta R.T. 0.003 min
Lab File: VN069146.D
Acq: 25 Oct 2021 11:37

Tgt Ion: 97 Resp: 141824
Ion Ratio Lower Upper
97 100
99 64.8 50.4 75.6
61 43.9 34.6 51.8





#33
Carbon Tetrachloride
Concen: 21.053 ug/l
RT: 8.209 min Scan# 2319
Delta R.T. 0.000 min
Lab File: VN069146.D
Acq: 25 Oct 2021 11:37

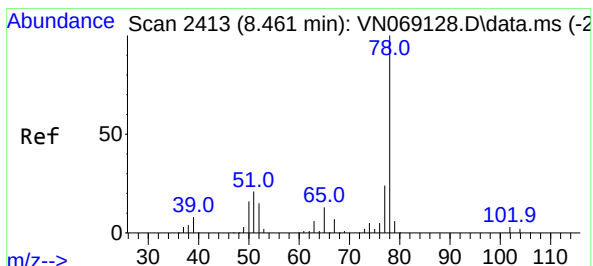
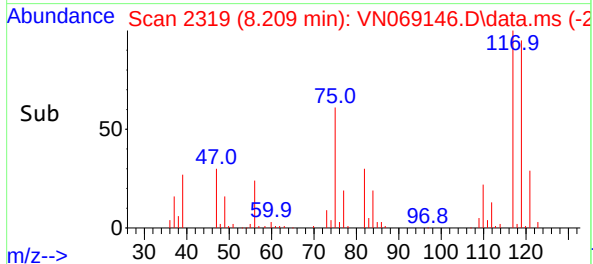
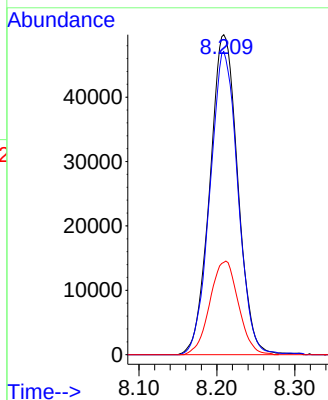
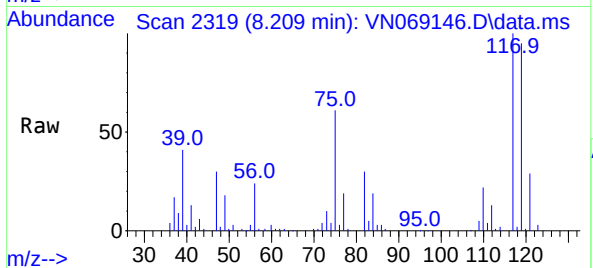
Tgt Ion: 117 Resp: 123568
Ion Ratio Lower Upper
117 100
119 94.8 77.5 116.3
121 28.9 23.5 35.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Manual Integrations
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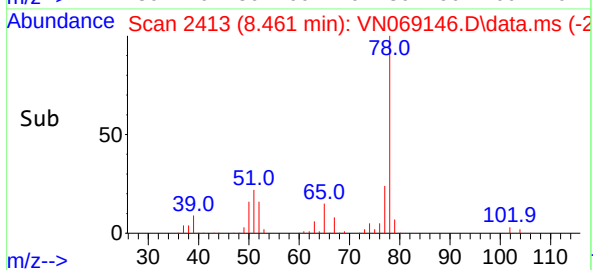
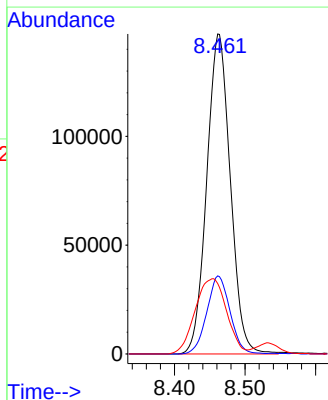
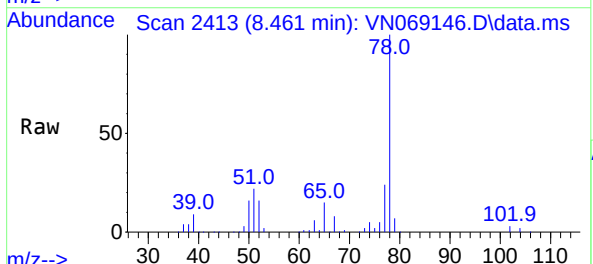
MMDadoda

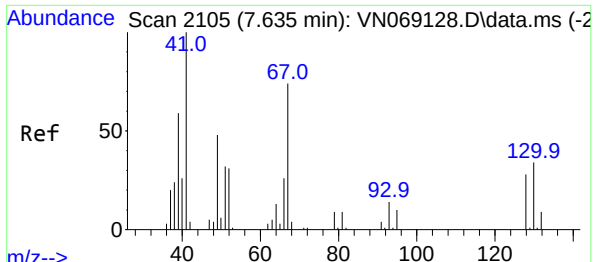
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#34
Benzene
Concen: 20.593 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN069146.D
Acq: 25 Oct 2021 11:37

Tgt Ion: 78 Resp: 341502
Ion Ratio Lower Upper
78 100
77 24.4 19.1 28.7
51 20.8 16.0 24.0





#35
Methacrylonitrile
Concen: 19.223 ug/l
RT: 7.635 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN069146.D
Acq: 25 Oct 2021 11:37

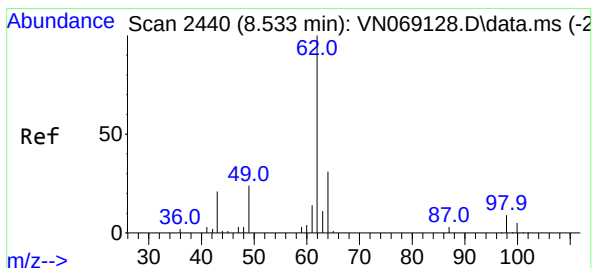
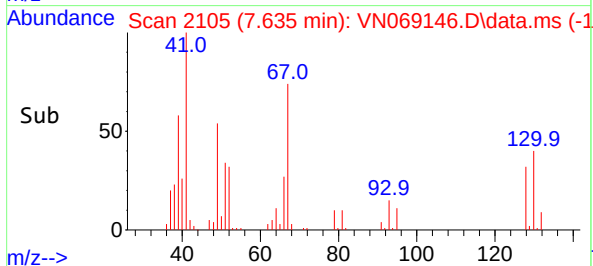
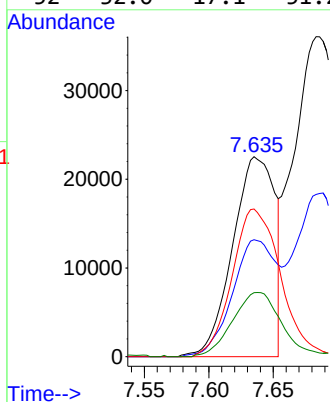
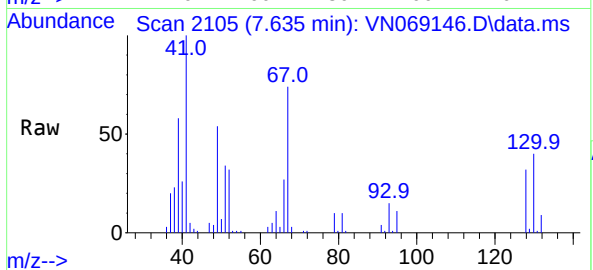
Tgt Ion:	41	Resp:	51087
Ion	Ratio	Lower	Upper
41	100		
39	58.5	28.0	83.9
67	73.9	37.7	113.1
52	32.0	17.1	51.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Manual Integrations
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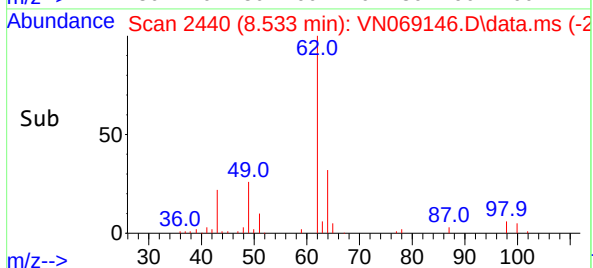
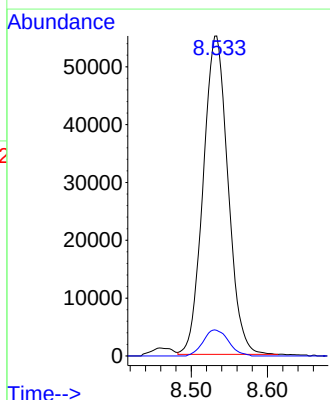
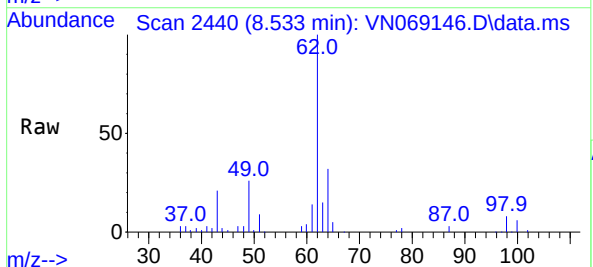
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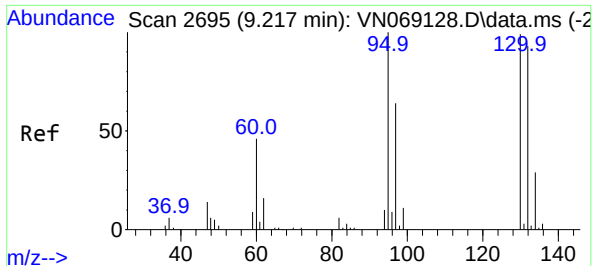
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#36
1,2-Dichloroethane
Concen: 20.751 ug/l
RT: 8.533 min Scan# 2440
Delta R.T. 0.000 min
Lab File: VN069146.D
Acq: 25 Oct 2021 11:37

Tgt Ion:	62	Resp:	124194
Ion	Ratio	Lower	Upper
62	100		
98	8.4	6.6	10.0





#37
Trichloroethene
Concen: 20.451 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. 0.000 min
Lab File: VN069146.D
Acq: 25 Oct 2021 11:37

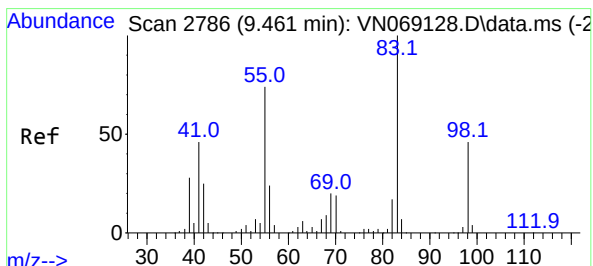
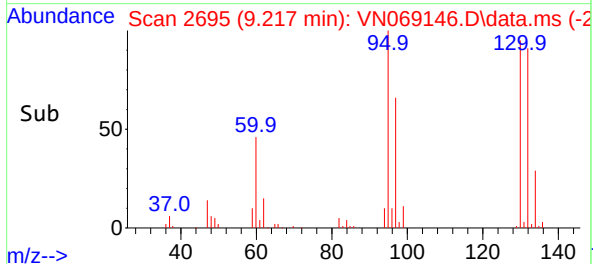
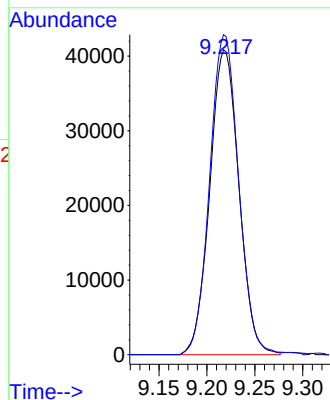
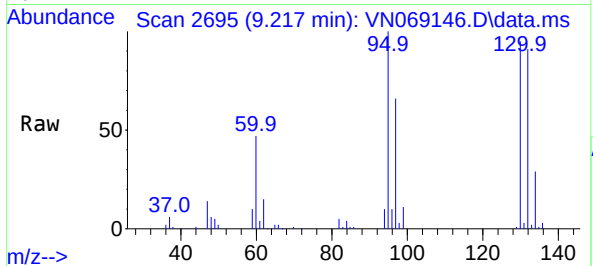
Tgt Ion:130 Resp: 86235
Ion Ratio Lower Upper
130 100
95 105.0 76.6 115.0

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020

Manual Integrations
APPROVED

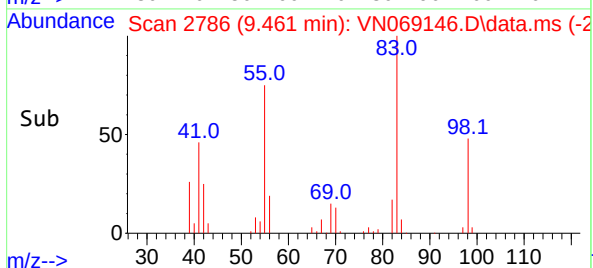
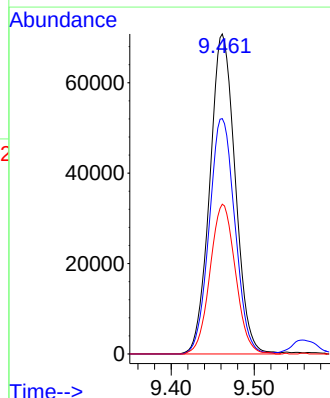
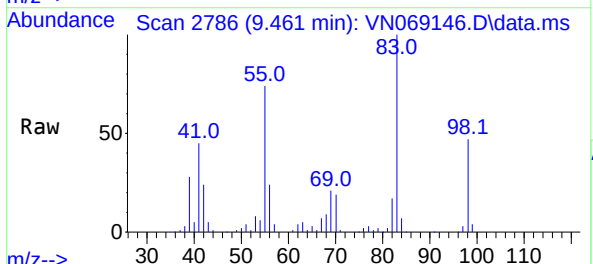
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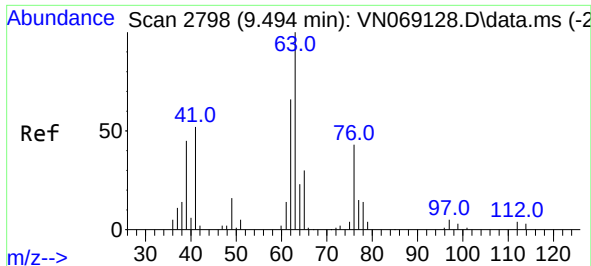
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#38
Methylcyclohexane
Concen: 21.244 ug/l
RT: 9.461 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VN069146.D
Acq: 25 Oct 2021 11:37

Tgt Ion: 83 Resp: 150196
Ion Ratio Lower Upper
83 100
55 74.4 35.1 105.3
98 46.7 23.4 70.2





#39

1,2-Dichloropropane
Concen: 20.721 ug/l
RT: 9.491 min Scan# 2797
Delta R.T. -0.003 min
Lab File: VN069146.D
Acq: 25 Oct 2021 11:37

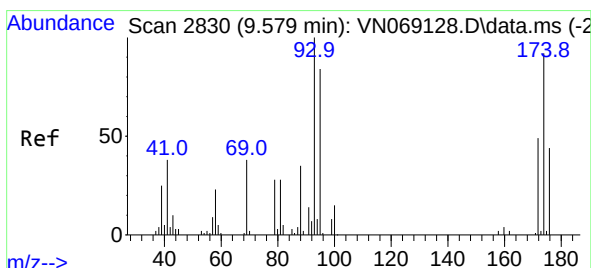
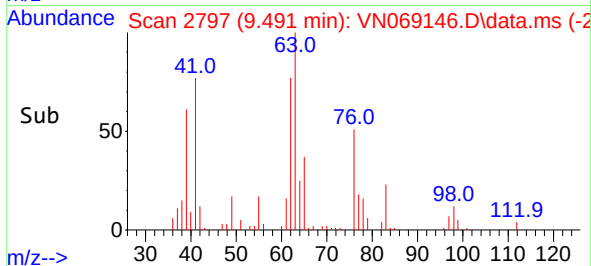
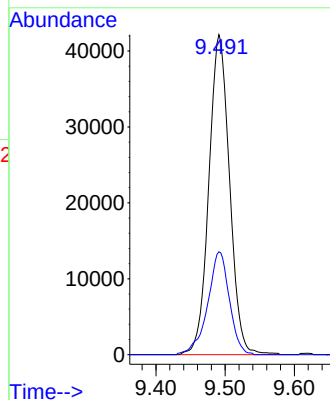
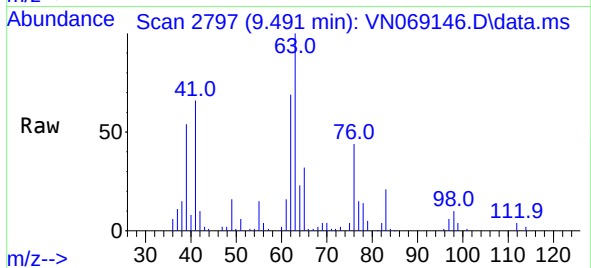
Tgt Ion: 63 Resp: 87624
Ion Ratio Lower Upper
63 100
65 32.1 24.2 36.4

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020

Manual Integrations
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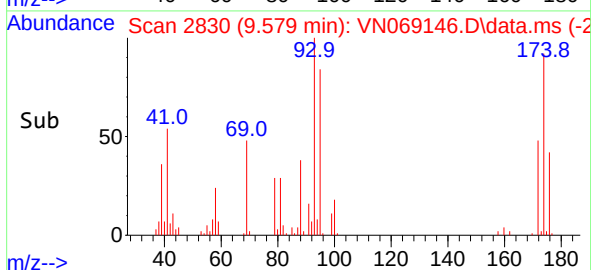
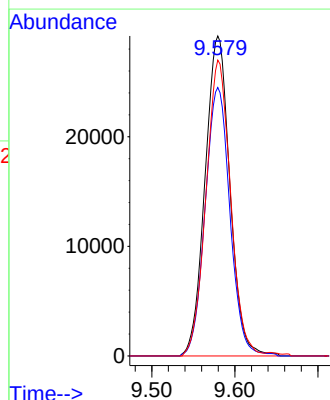
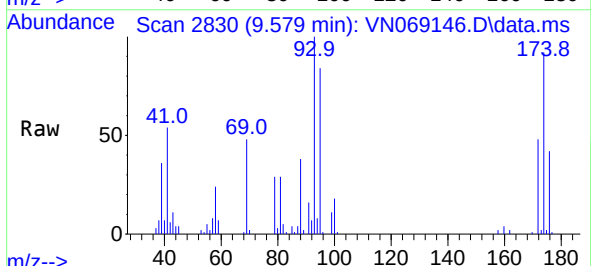
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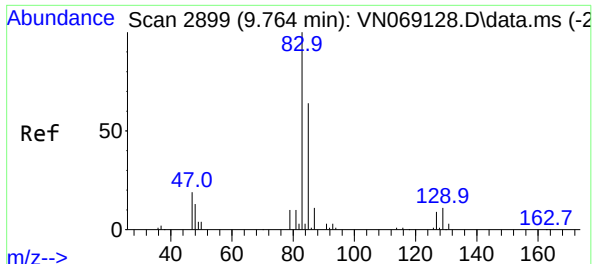


#40

Dibromomethane
Concen: 20.558 ug/l
RT: 9.579 min Scan# 2830
Delta R.T. 0.000 min
Lab File: VN069146.D
Acq: 25 Oct 2021 11:37

Tgt Ion: 93 Resp: 60779
Ion Ratio Lower Upper
93 100
95 83.6 0.0 168.8
174 91.2 0.0 173.6





#41
Bromodichloromethane
Concen: 20.650 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. -0.003 min
Lab File: VN069146.D
Acq: 25 Oct 2021 11:37

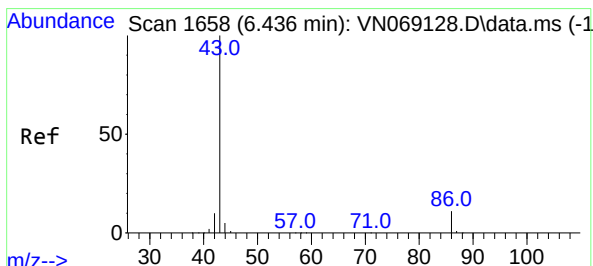
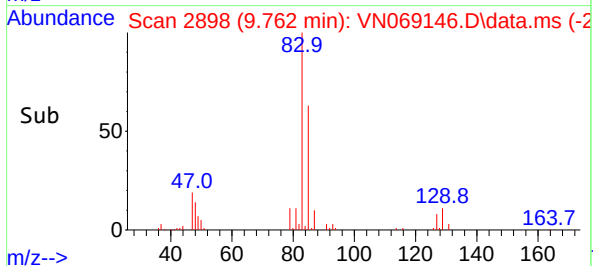
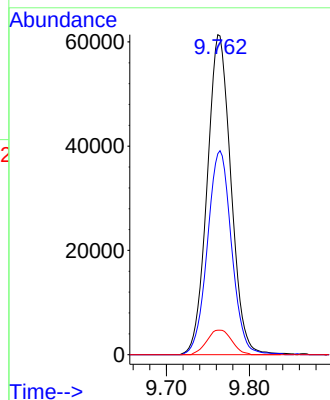
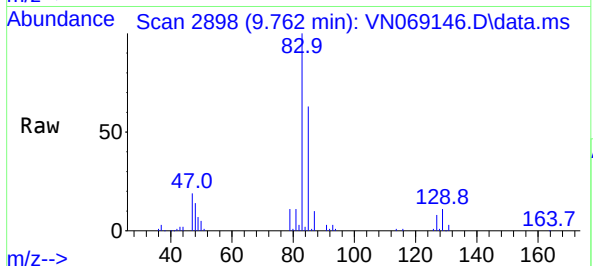
Tgt Ion: 83 Resp: 121993
Ion Ratio Lower Upper
83 100
85 62.8 54.1 81.1
127 7.6 7.6 11.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Manual Integrations
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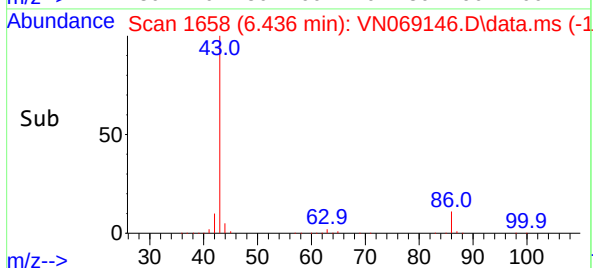
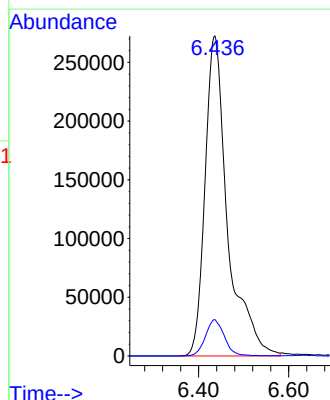
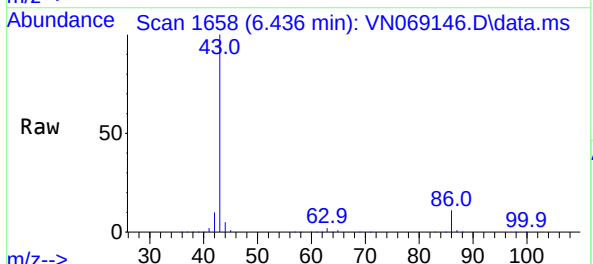
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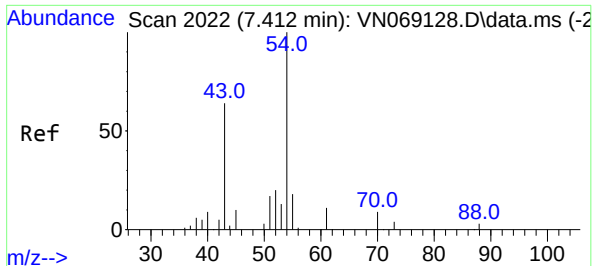
10/27/2021 2:20:35 PM



#42
Vinyl Acetate
Concen: 99.857 ug/l
RT: 6.436 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN069146.D
Acq: 25 Oct 2021 11:37

Tgt Ion: 43 Resp: 950150
Ion Ratio Lower Upper
43 100
86 9.5 7.5 11.3





#43
Ethyl Acetate
Concen: 19.700 ug/l
RT: 7.412 min Scan# 2022
Delta R.T. 0.000 min
Lab File: VN069146.D
Acq: 25 Oct 2021 11:37

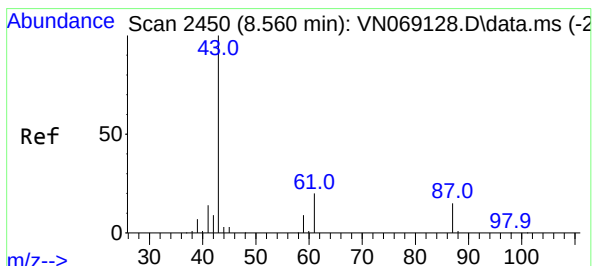
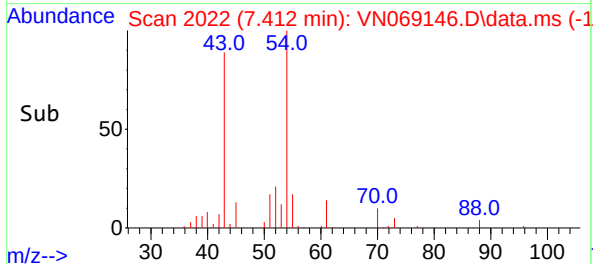
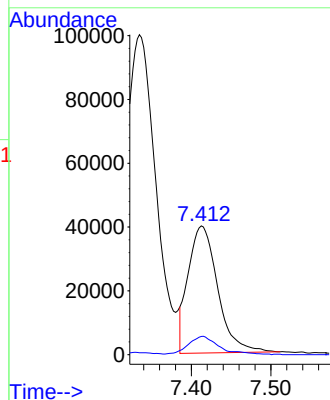
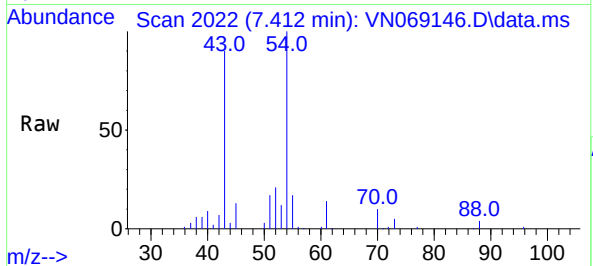
Tgt Ion: 43 Resp: 102476
Ion Ratio Lower Upper
43 100
45 12.8 10.6 16.0

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020

Manual Integrations
APPROVED

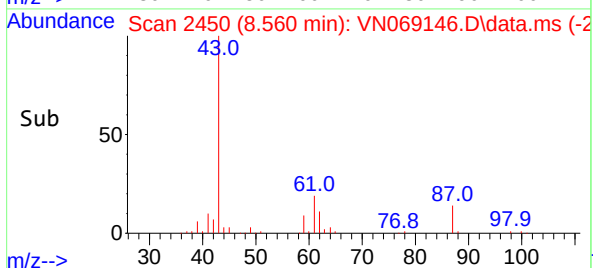
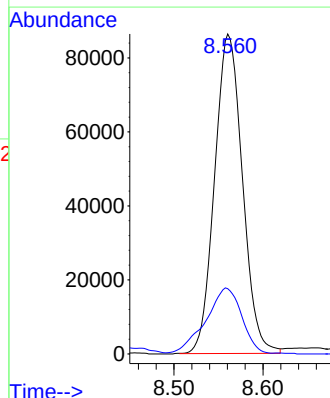
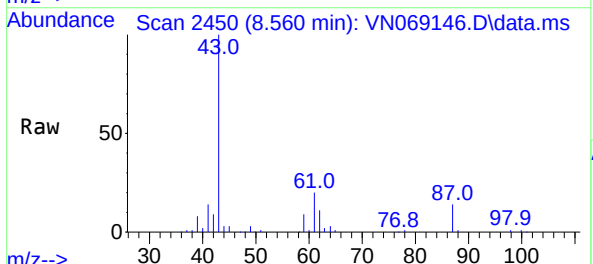
MMDadoda

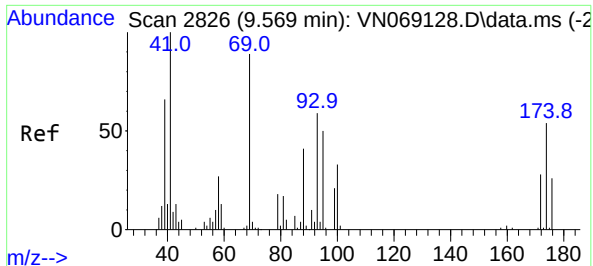
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#44
Isopropyl Acetate
Concen: 19.474 ug/l
RT: 8.560 min Scan# 2450
Delta R.T. 0.000 min
Lab File: VN069146.D
Acq: 25 Oct 2021 11:37

Tgt Ion: 43 Resp: 187571
Ion Ratio Lower Upper
43 100
61 26.0 20.1 30.1





#45
1,4-Dioxane
Concen: 401.009 ug/l
RT: 9.571 min Scan# 2827
Delta R.T. 0.003 min
Lab File: VN069146.D
Acq: 25 Oct 2021 11:37

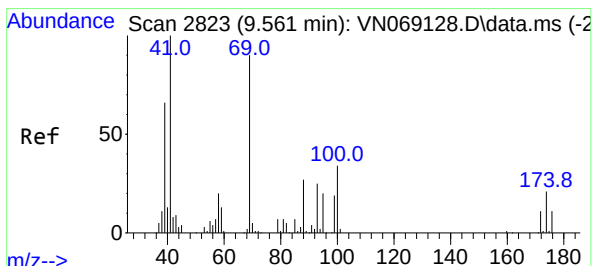
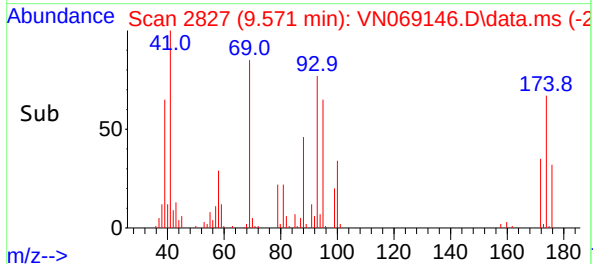
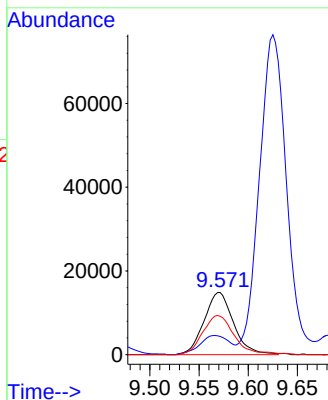
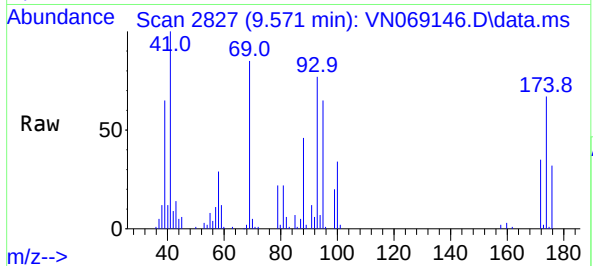
Tgt Ion: 88 Resp: 30912
Ion Ratio Lower Upper
88 100
43 31.3 25.0 37.6
58 65.4 49.4 74.2

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020

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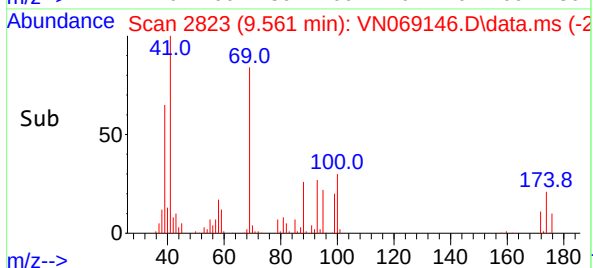
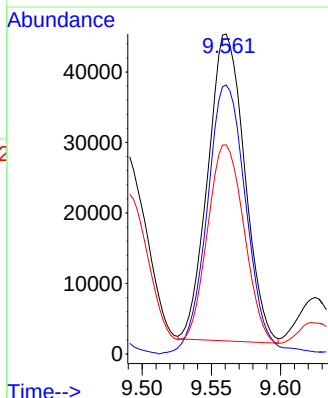
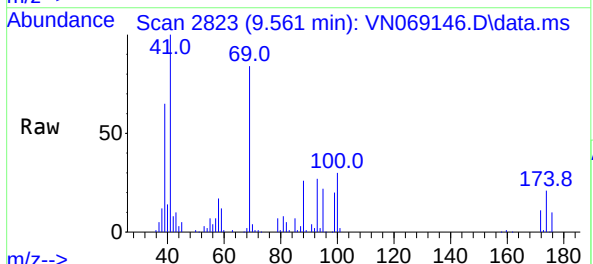
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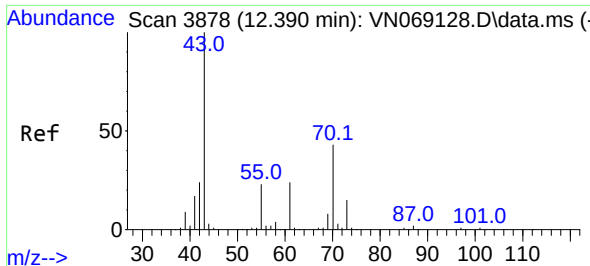
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#46
Methyl methacrylate
Concen: 18.443 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. 0.000 min
Lab File: VN069146.D
Acq: 25 Oct 2021 11:37

Tgt Ion: 41 Resp: 80302
Ion Ratio Lower Upper
41 100
69 86.2 44.4 133.2
39 65.0 39.9 119.6





#47
n-amyl Acetate
Concen: 18.623 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. 0.000 min
Lab File: VN069146.D
Acq: 25 Oct 2021 11:37

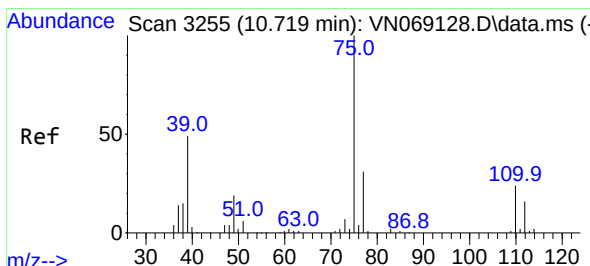
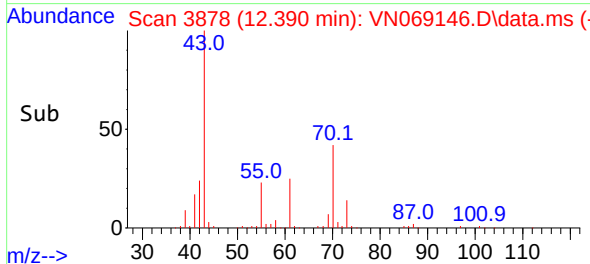
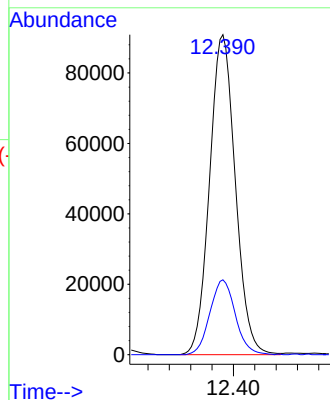
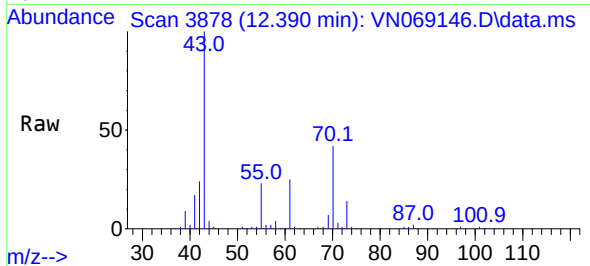
Tgt Ion: 43 Resp: 152281
Ion Ratio Lower Upper
43 100
55 23.1 19.0 28.6

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020

Manual Integrations
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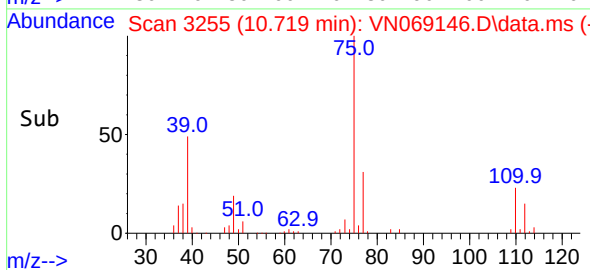
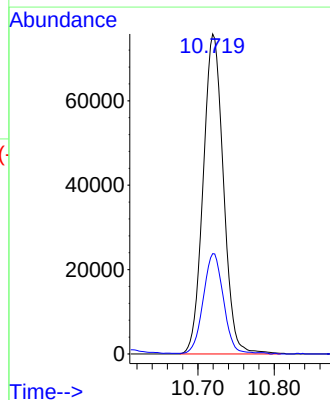
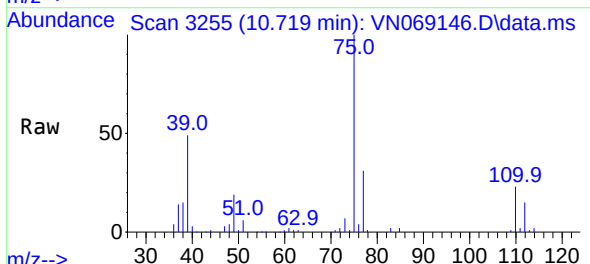
MMDadoda

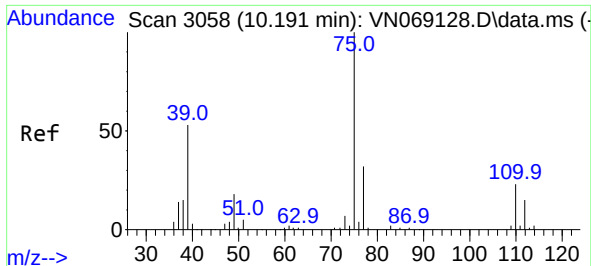
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#48
t-1,3-Dichloropropene
Concen: 20.457 ug/l
RT: 10.719 min Scan# 3255
Delta R.T. 0.000 min
Lab File: VN069146.D
Acq: 25 Oct 2021 11:37

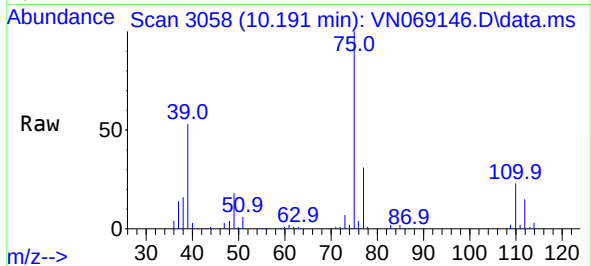
Tgt Ion: 75 Resp: 139785
Ion Ratio Lower Upper
75 100
77 31.4 25.3 37.9





#49
cis-1,3-Dichloropropene
Concen: 20.356 ug/l
RT: 10.191 min Scan# 3058
Delta R.T. 0.000 min
Lab File: VN069146.D
Acq: 25 Oct 2021 11:37

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020

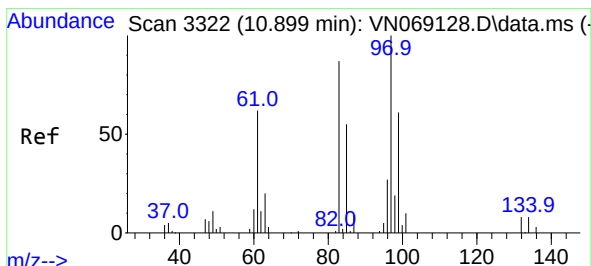
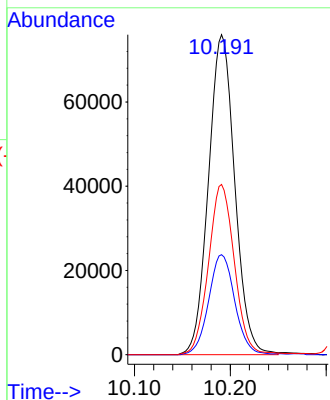
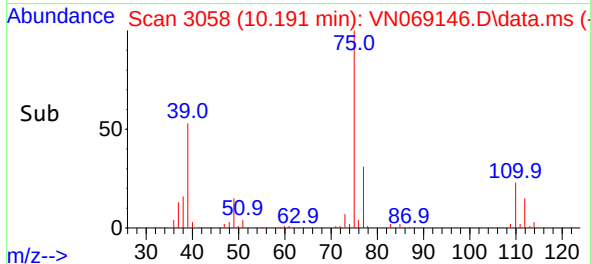


Tgt Ion: 75 Resp: 144844
Ion Ratio Lower Upper
75 100
77 31.3 25.3 37.9
39 53.2 46.2 69.4

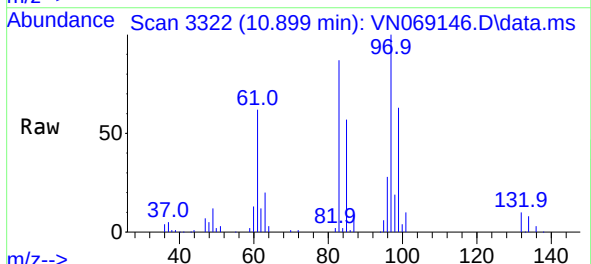
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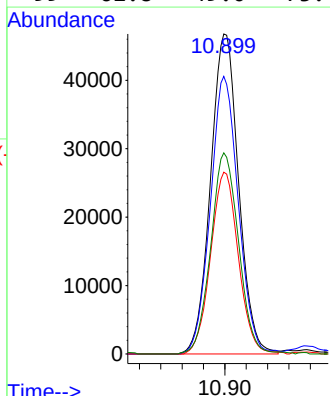
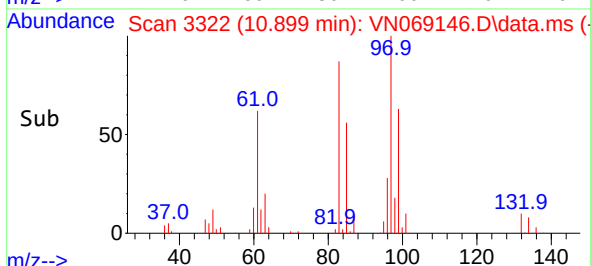
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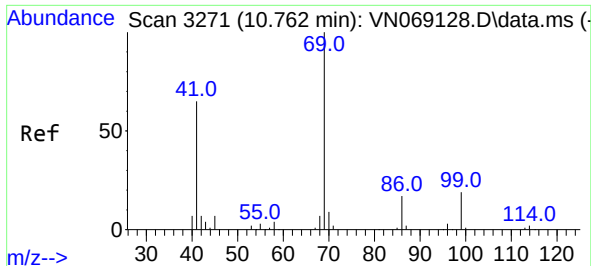


#50
1,1,2-Trichloroethane
Concen: 20.129 ug/l
RT: 10.899 min Scan# 3322
Delta R.T. 0.000 min
Lab File: VN069146.D
Acq: 25 Oct 2021 11:37

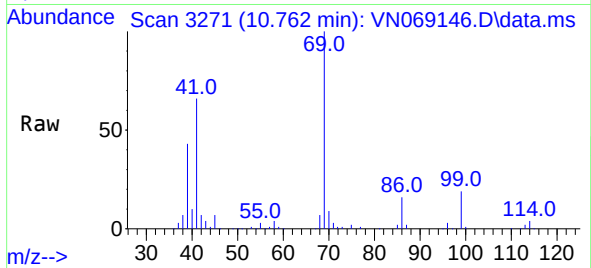


Tgt Ion: 97 Resp: 85407
Ion Ratio Lower Upper
97 100
83 86.7 67.2 100.8
85 56.8 43.0 64.4
99 62.8 49.0 73.4

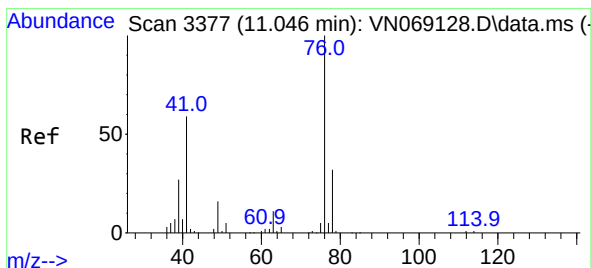
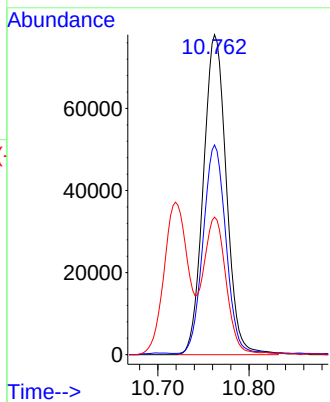
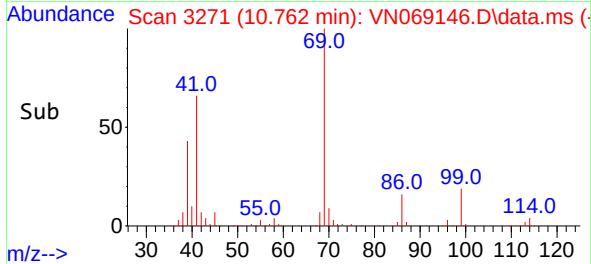




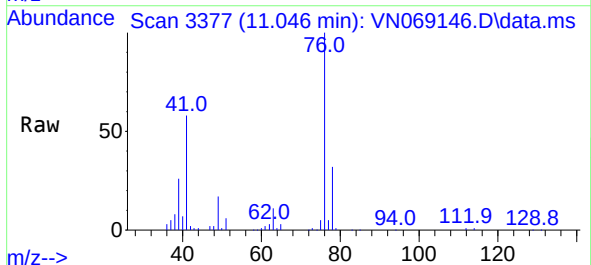
#51
Ethyl methacrylate
Concen: 19.518 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN069146.D
Acq: 25 Oct 2021 11:37



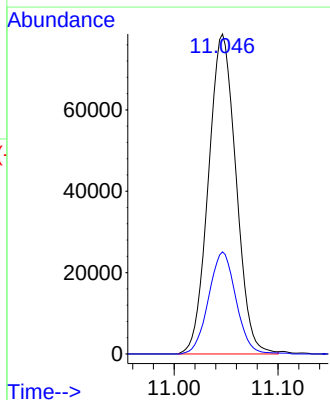
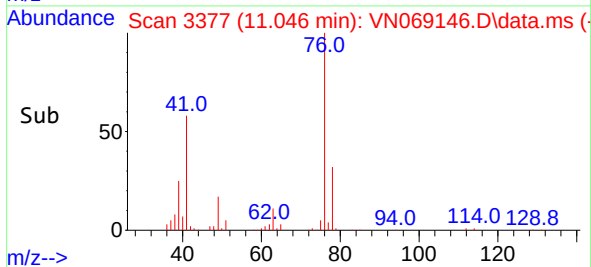
Tgt Ion: 69 Resp: 136521
Ion Ratio Lower Upper
69 100
41 65.1 33.0 98.9
39 42.6 25.4 76.4



#52
1,3-Dichloropropane
Concen: 20.347 ug/l
RT: 11.046 min Scan# 3377
Delta R.T. 0.000 min
Lab File: VN069146.D
Acq: 25 Oct 2021 11:37



Tgt Ion: 76 Resp: 145252
Ion Ratio Lower Upper
76 100
78 31.6 0.0 65.4

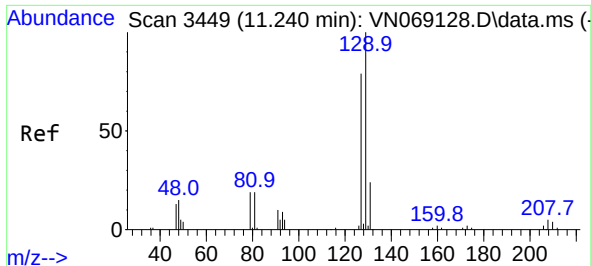


Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

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#53
Dibromochloromethane
Concen: 20.312 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. 0.000 min
Lab File: VN069146.D
Acq: 25 Oct 2021 11:37

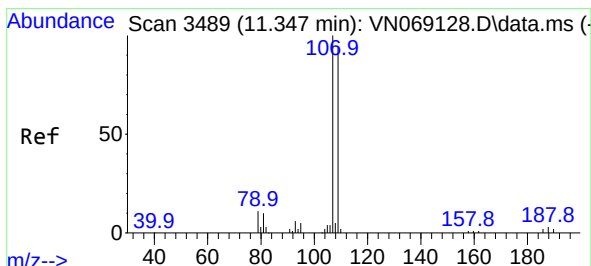
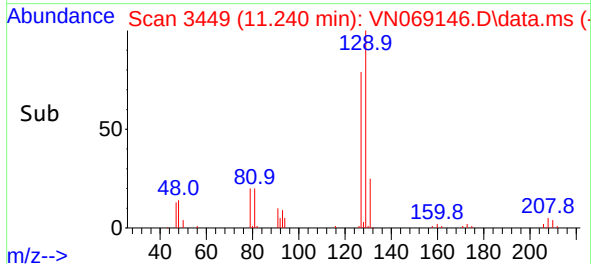
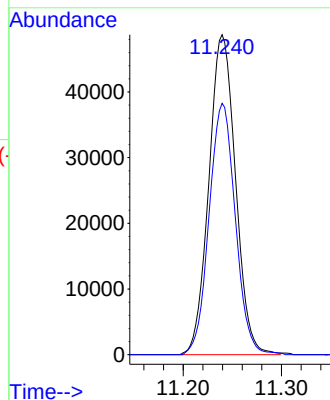
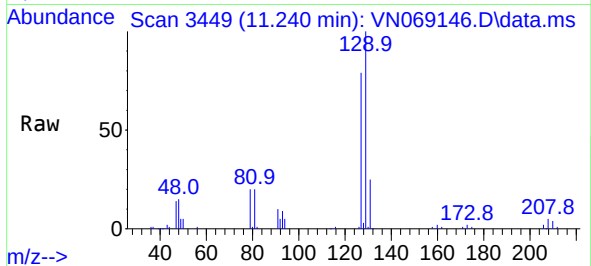
Tgt Ion:129 Resp: 92006
Ion Ratio Lower Upper
129 100
127 77.2 39.0 117.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

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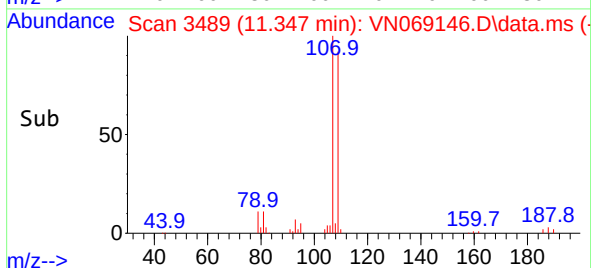
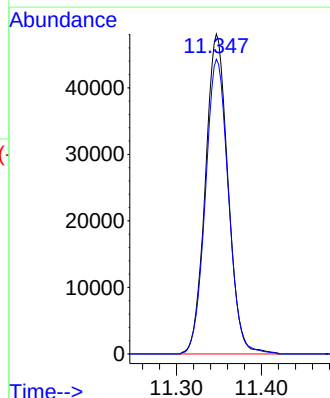
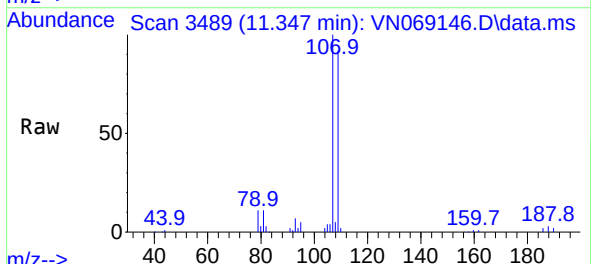
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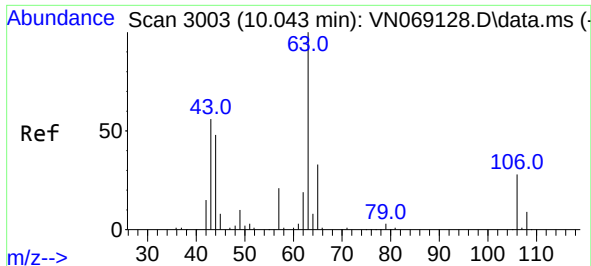
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#54
1,2-Dibromoethane
Concen: 20.055 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. 0.000 min
Lab File: VN069146.D
Acq: 25 Oct 2021 11:37

Tgt Ion:107 Resp: 88956
Ion Ratio Lower Upper
107 100
109 93.8 72.8 109.2





#55
2-Chloroethyl vinyl ether
Concen: 81.066 ug/l
RT: 10.043 min Scan# 3003
Delta R.T. 0.000 min
Lab File: VN069146.D
Acq: 25 Oct 2021 11:37

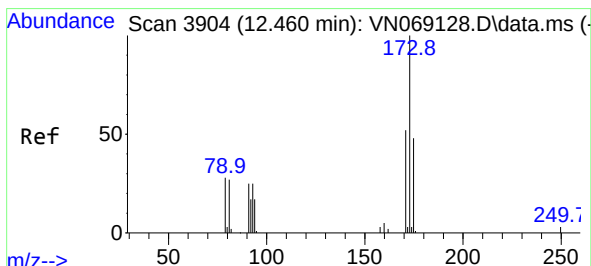
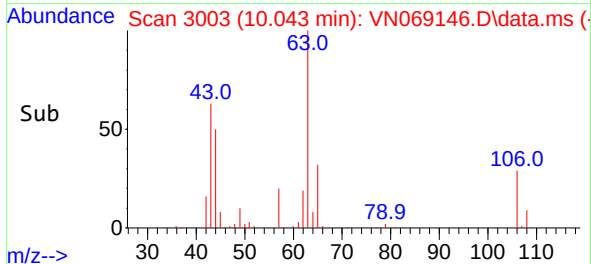
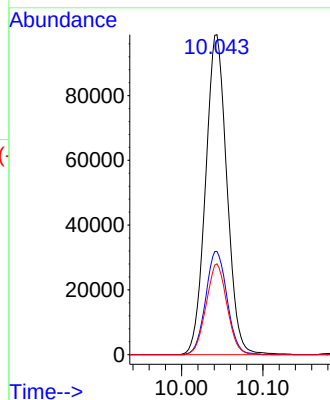
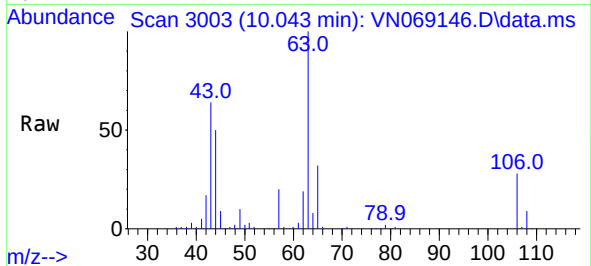
Tgt Ion: 63 Resp: 180023
Ion Ratio Lower Upper
63 100
65 32.4 25.4 38.0
106 27.9 23.2 34.8

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020

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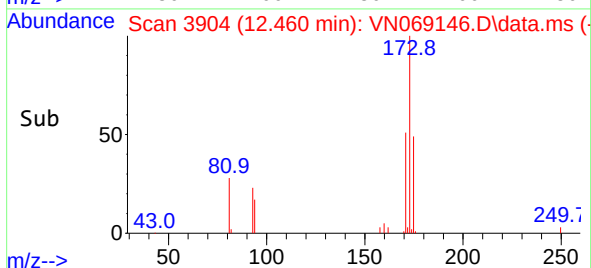
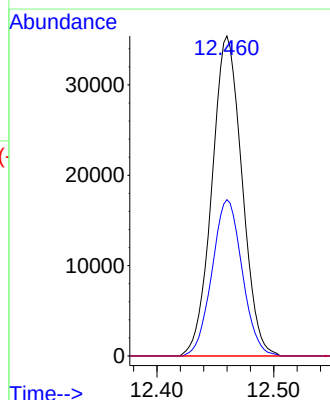
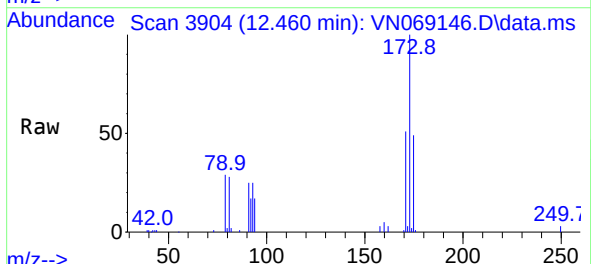
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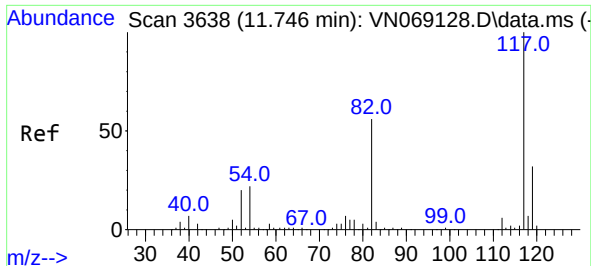
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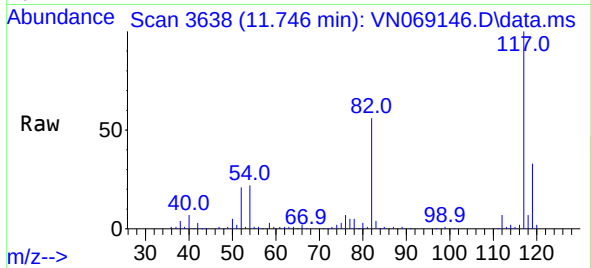
#56
Bromoform
Concen: 19.425 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. 0.000 min
Lab File: VN069146.D
Acq: 25 Oct 2021 11:37

Tgt Ion: 173 Resp: 63427
Ion Ratio Lower Upper
173 100
175 48.9 38.6 58.0
254 0.0 0.0 0.0



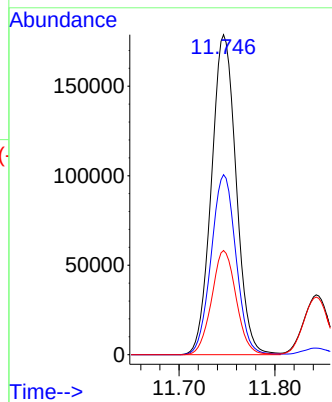
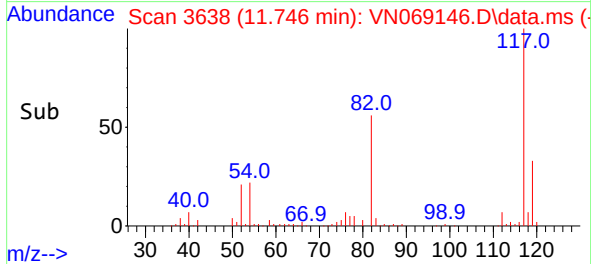


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN069146.D
Acq: 25 Oct 2021 11:37



Tgt Ion: 117 Resp: 319907

Ion	Ratio	Lower	Upper
117	100		
82	56.7	43.6	65.4
119	32.3	25.8	38.6

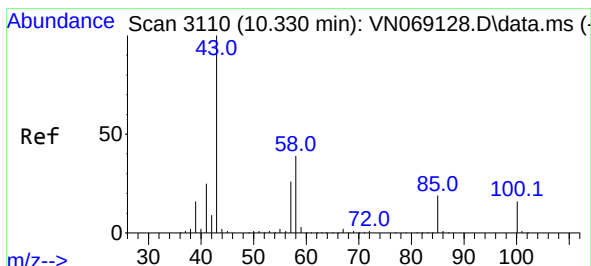


Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020

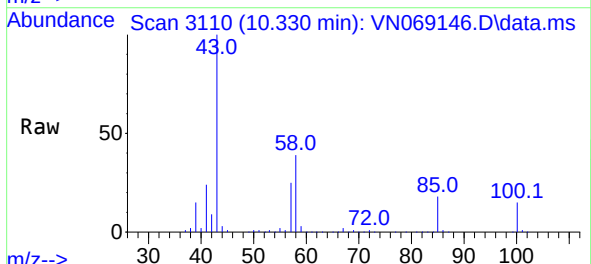
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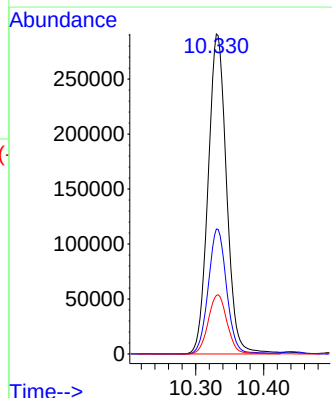
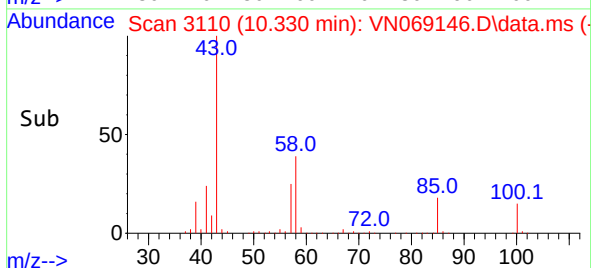


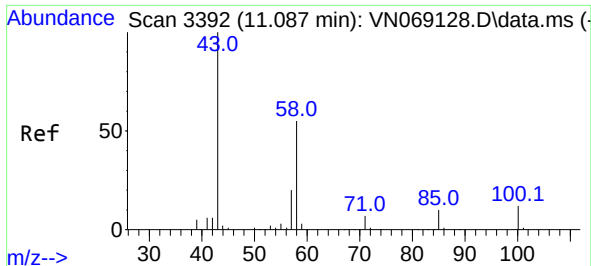
#58
4-Methyl-2-Pentanone
Concen: 101.649 ug/l
RT: 10.330 min Scan# 3110
Delta R.T. 0.000 min
Lab File: VN069146.D
Acq: 25 Oct 2021 11:37



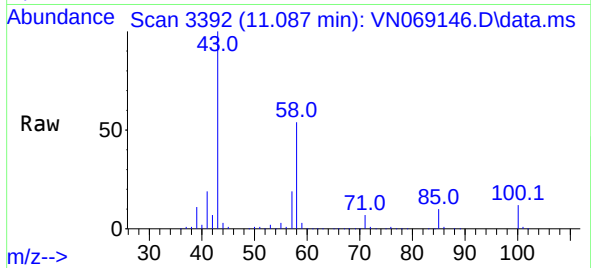
Tgt Ion: 43 Resp: 548601

Ion	Ratio	Lower	Upper
43	100		
58	38.9	30.0	45.0
85	18.9	15.0	22.6

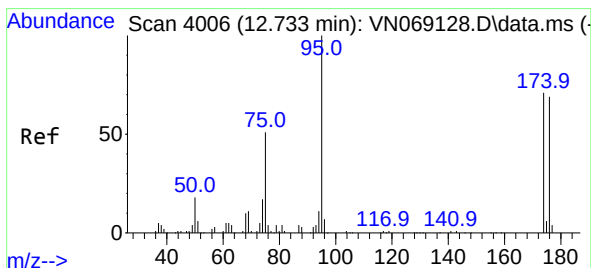
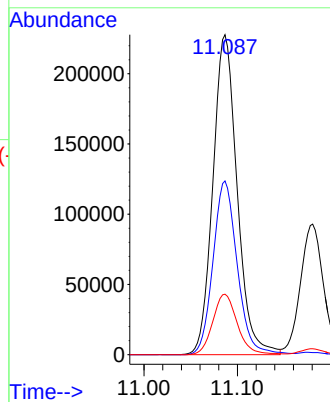
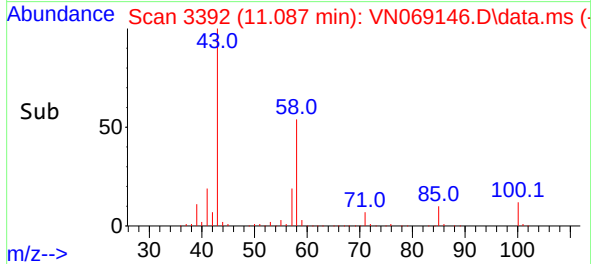




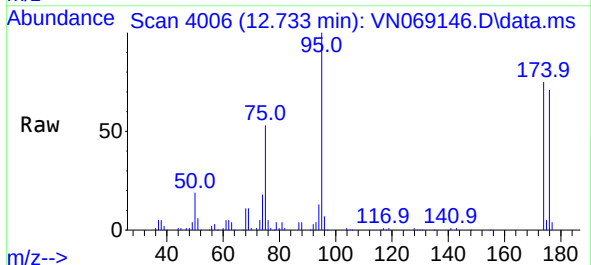
#59
2-Hexanone
Concen: 100.815 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. 0.000 min
Lab File: VN069146.D
Acq: 25 Oct 2021 11:37



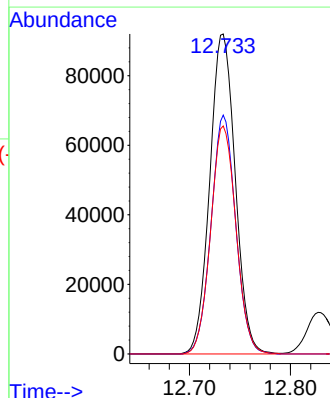
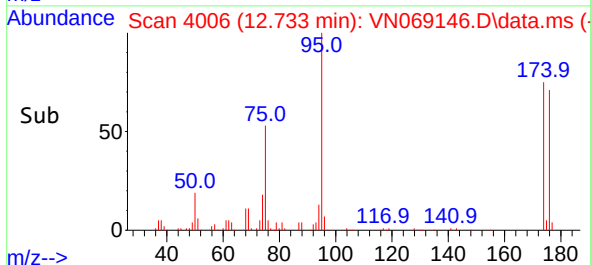
Tgt Ion: 43 Resp: 410889
Ion Ratio Lower Upper
43 100
58 54.3 42.2 63.2
57 19.2 15.0 22.4



#60
4-Bromofluorobenzene
Concen: 29.379 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN069146.D
Acq: 25 Oct 2021 11:37



Tgt Ion: 95 Resp: 161156
Ion Ratio Lower Upper
95 100
174 72.2 62.9 94.3
176 70.9 61.0 91.4

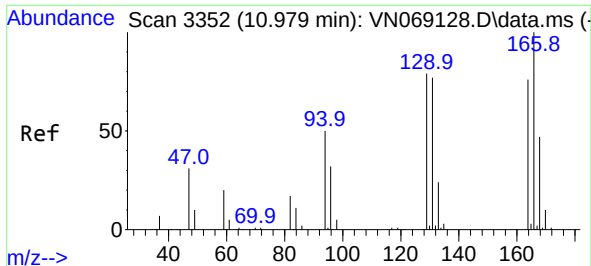


Instrument :
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ClientSampled :
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#61
Tetrachloroethene
Concen: 22.303 ug/l
RT: 10.979 min Scan# 3352
Delta R.T. 0.000 min
Lab File: VN069146.D
Acq: 25 Oct 2021 11:37

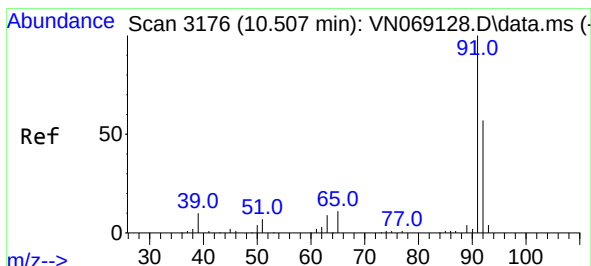
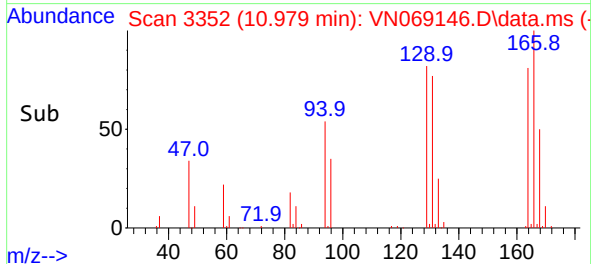
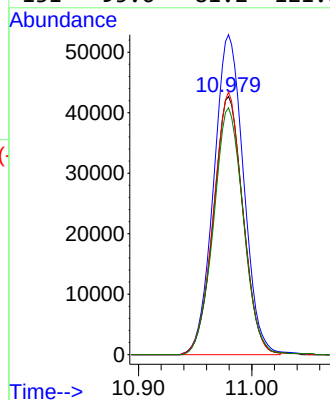
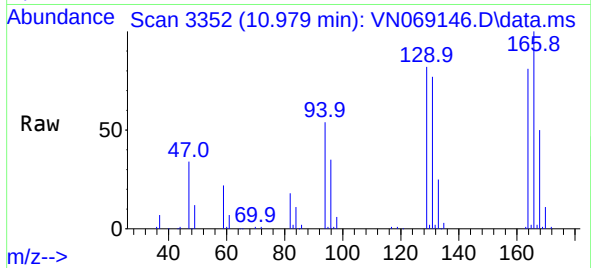
Tgt Ion:164 Resp: 77544
Ion Ratio Lower Upper
164 100
166 123.9 105.8 158.8
129 101.8 82.5 123.7
131 95.6 81.2 121.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Manual Integrations
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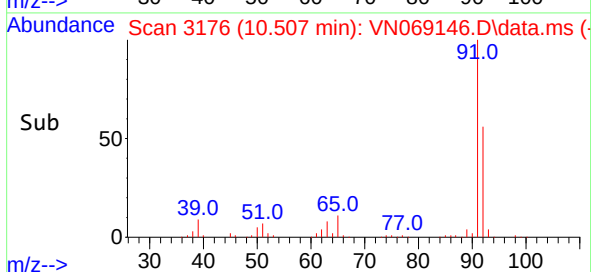
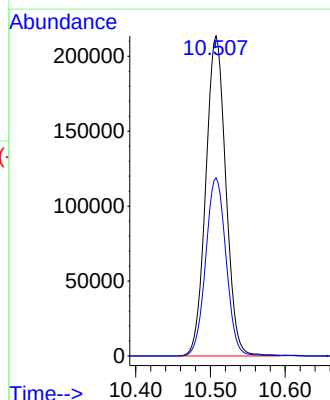
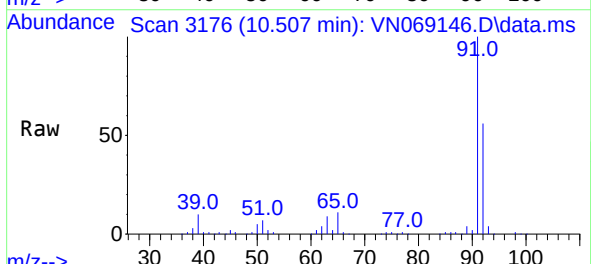
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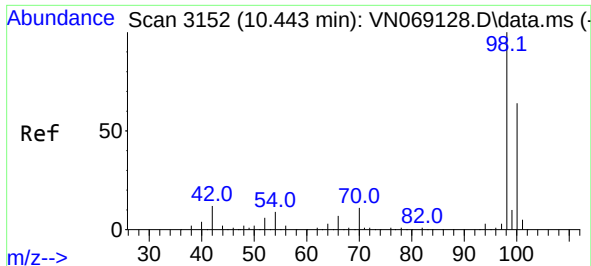
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#62
Toluene
Concen: 21.341 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. 0.000 min
Lab File: VN069146.D
Acq: 25 Oct 2021 11:37

Tgt Ion: 91 Resp: 397663
Ion Ratio Lower Upper
91 100
92 56.7 44.6 67.0





#63
Toluene-d8
Concen: 30.657 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069146.D
Acq: 25 Oct 2021 11:37

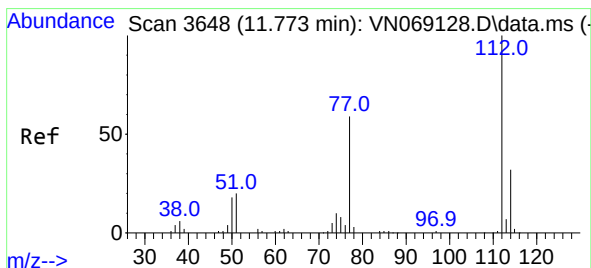
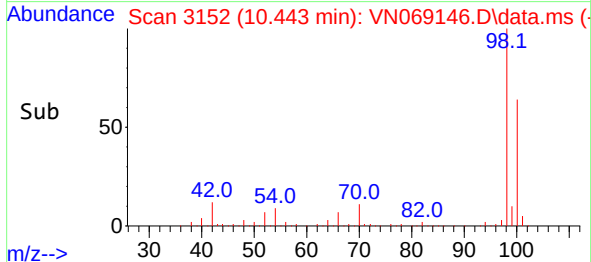
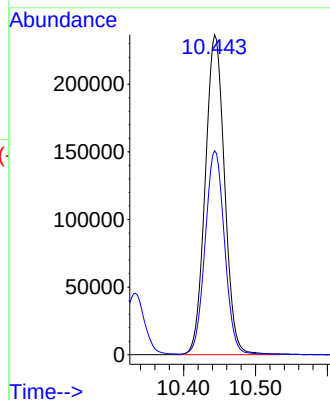
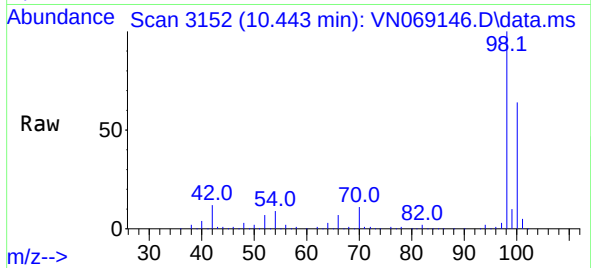
Tgt Ion: 98 Resp: 443103
Ion Ratio Lower Upper
98 100
100 63.6 50.6 76.0

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020

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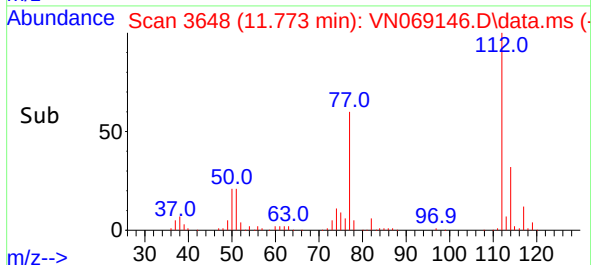
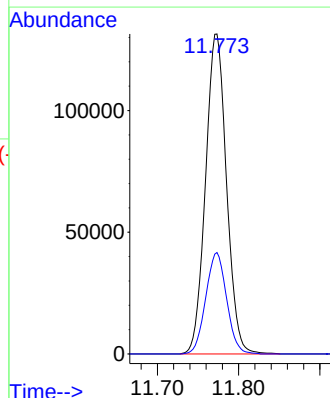
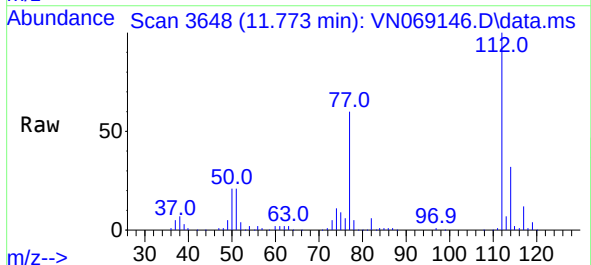
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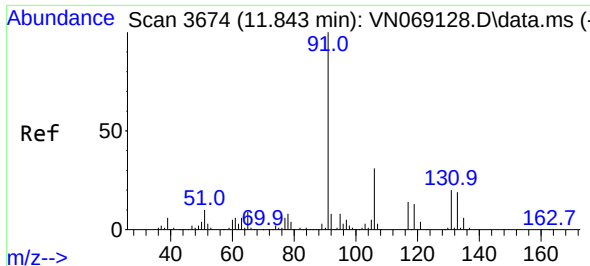
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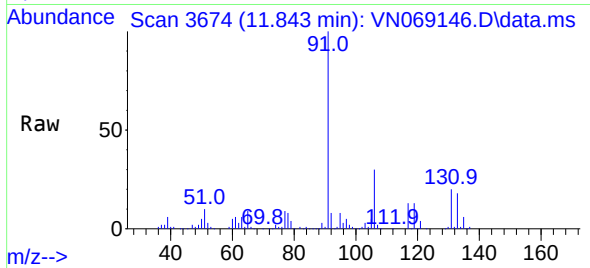
#64
Chlorobenzene
Concen: 20.885 ug/l
RT: 11.773 min Scan# 3648
Delta R.T. 0.000 min
Lab File: VN069146.D
Acq: 25 Oct 2021 11:37

Tgt Ion: 112 Resp: 236027
Ion Ratio Lower Upper
112 100
114 31.7 25.8 38.6

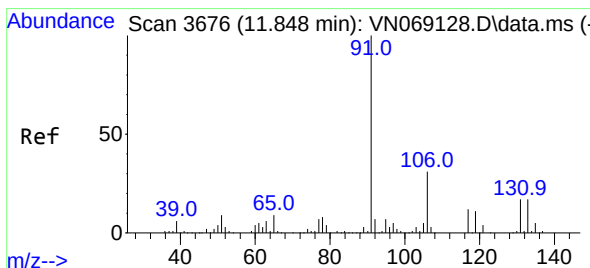
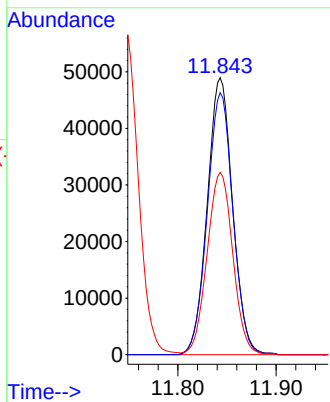
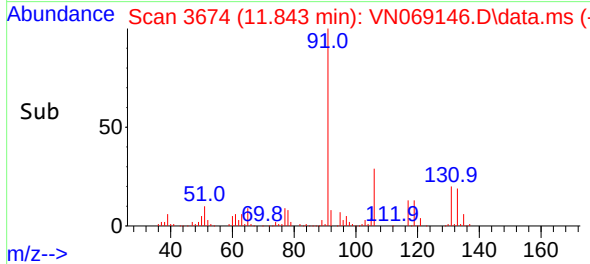




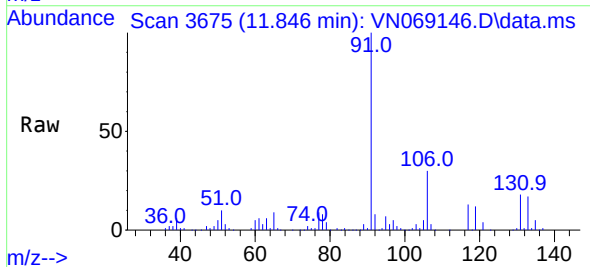
#65
1,1,1,2-Tetrachloroethane
Concen: 20.868 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN069146.D
Acq: 25 Oct 2021 11:37



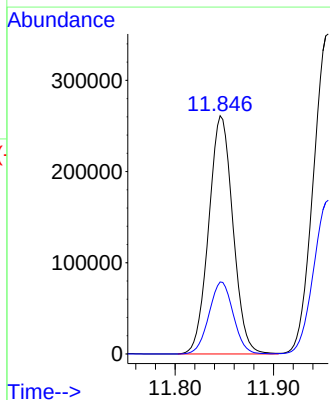
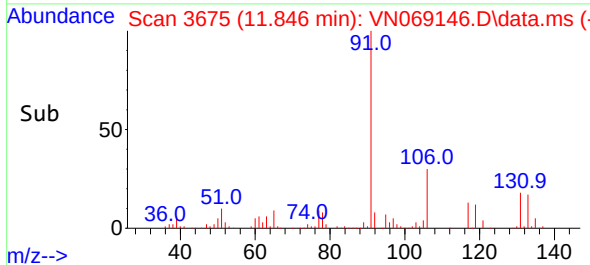
Tgt Ion:131 Resp: 87737
Ion Ratio Lower Upper
131 100
133 95.4 0.0 191.2
119 66.0 0.0 128.8



#66
Ethyl Benzene
Concen: 21.351 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.003 min
Lab File: VN069146.D
Acq: 25 Oct 2021 11:37



Tgt Ion: 91 Resp: 447294
Ion Ratio Lower Upper
91 100
106 30.2 24.0 36.0

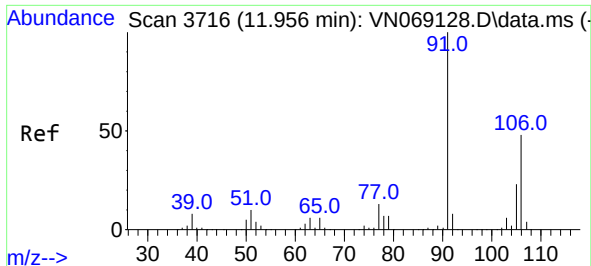


Instrument :
MSVOA_N
ClientSampleId :
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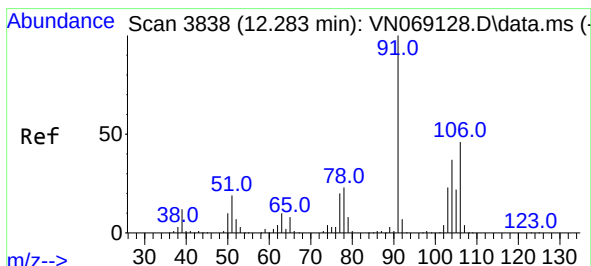
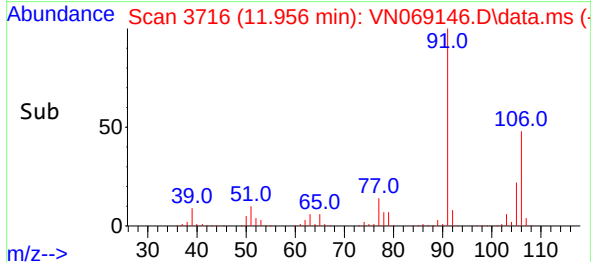
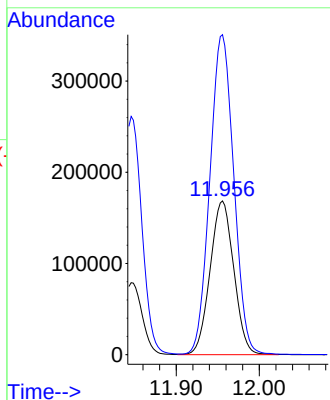
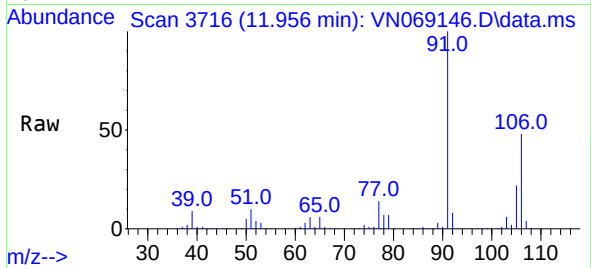
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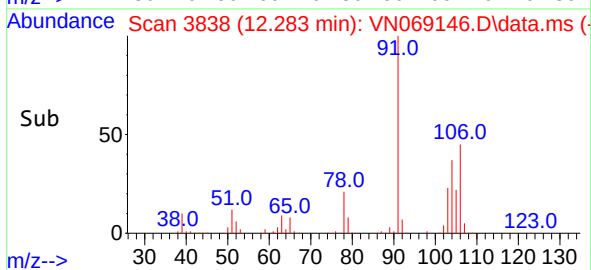
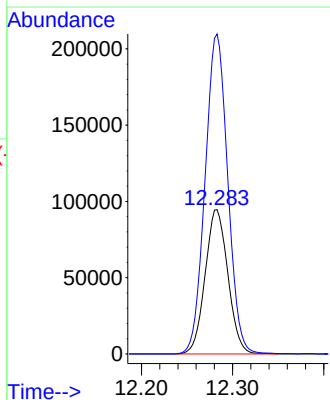
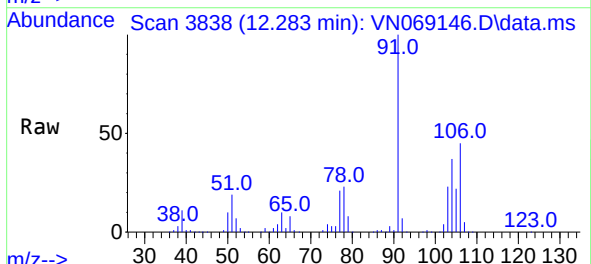
#67
m/p-Xylenes
Concen: 42.472 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. 0.000 min
Lab File: VN069146.D
Acq: 25 Oct 2021 11:37

Tgt Ion:106 Resp: 334598
Ion Ratio Lower Upper
106 100
91 209.4 162.9 244.3



#68
o-Xylene
Concen: 20.804 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. 0.000 min
Lab File: VN069146.D
Acq: 25 Oct 2021 11:37

Tgt Ion:106 Resp: 164116
Ion Ratio Lower Upper
106 100
91 220.8 107.7 323.1

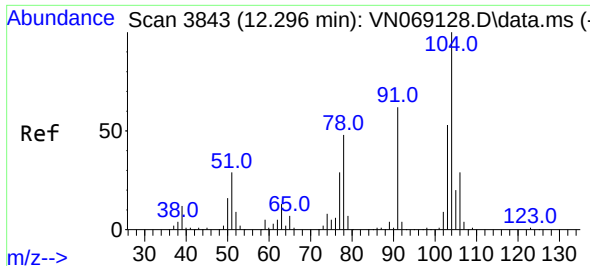


Instrument :
MSVOA_N
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Manual Integrations
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#69
Styrene
Concen: 20.447 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.000 min
Lab File: VN069146.D
Acq: 25 Oct 2021 11:37

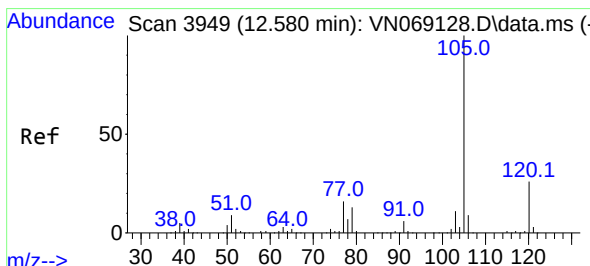
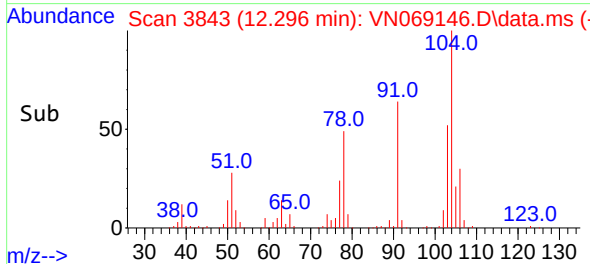
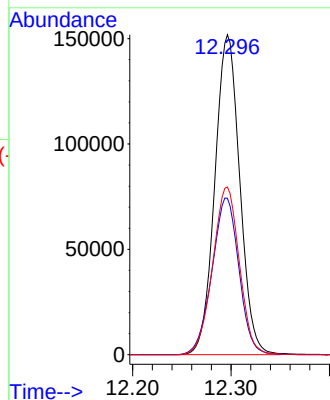
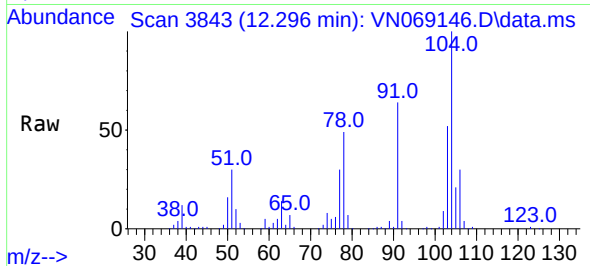
Tgt Ion:104 Resp: 267289
Ion Ratio Lower Upper
104 100
78 53.0 40.7 61.1
103 56.0 45.8 68.8

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020

Manual Integrations
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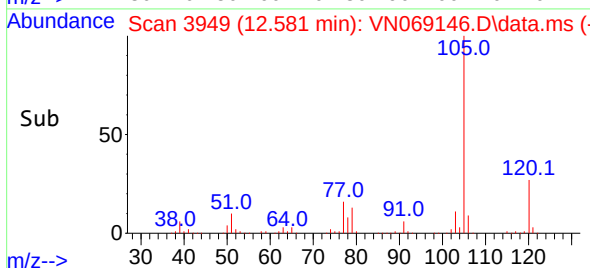
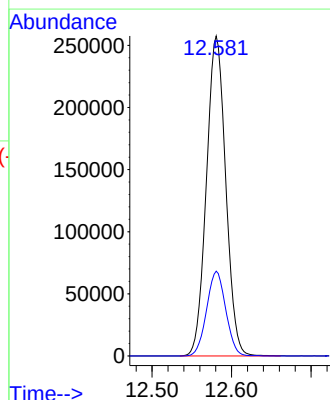
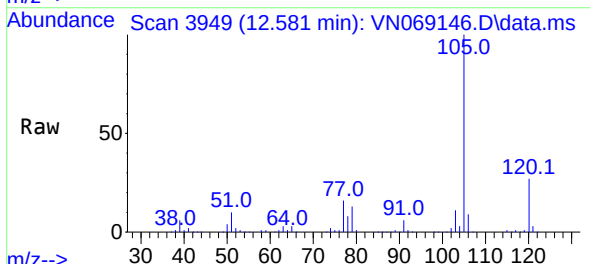
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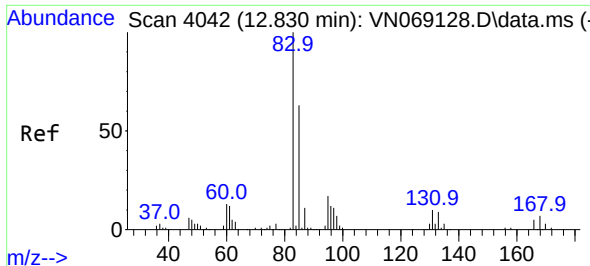
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#70
Isopropylbenzene
Concen: 21.035 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. 0.000 min
Lab File: VN069146.D
Acq: 25 Oct 2021 11:37

Tgt Ion:105 Resp: 435028
Ion Ratio Lower Upper
105 100
120 26.3 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 20.533 ug/l
RT: 12.830 min Scan# 4042
Delta R.T. 0.000 min
Lab File: VN069146.D
Acq: 25 Oct 2021 11:37

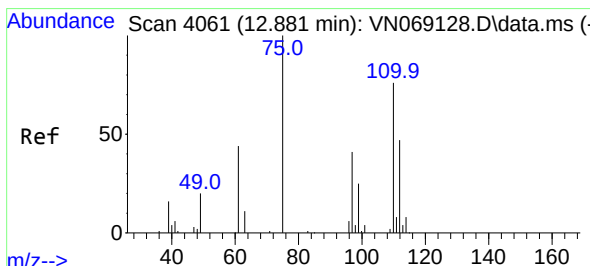
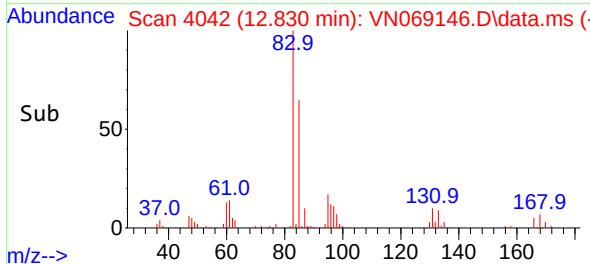
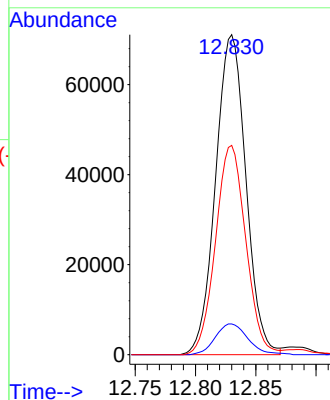
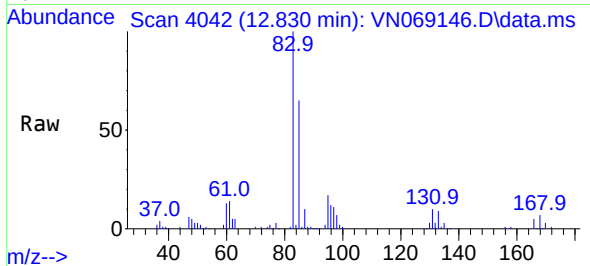
Tgt Ion: 83 Resp: 124464
Ion Ratio Lower Upper
83 100
131 10.4 5.1 15.3
85 65.2 33.1 99.2

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020

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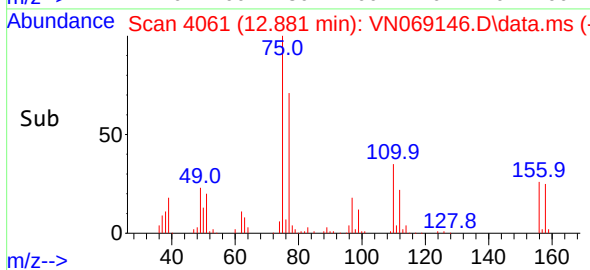
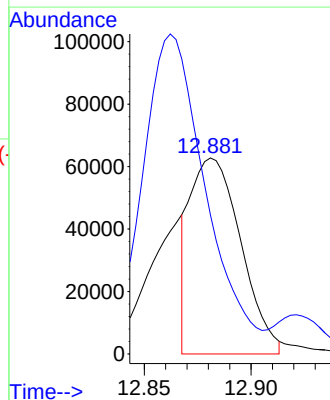
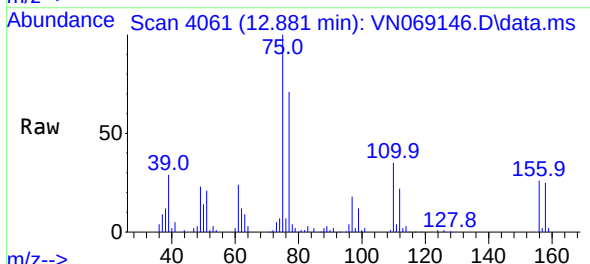
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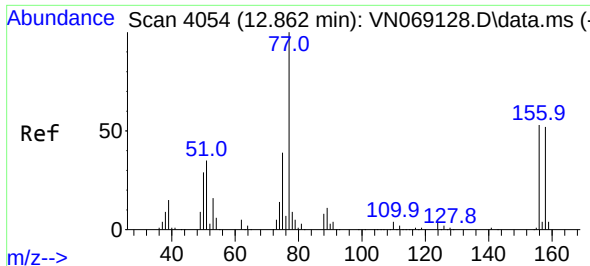
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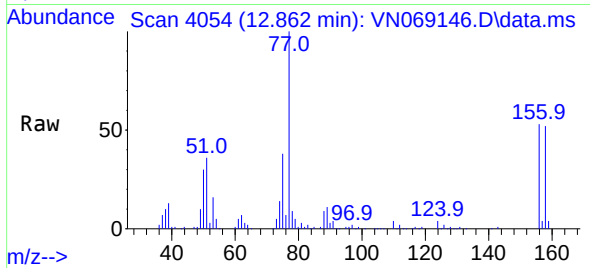
#72
1,2,3-Trichloropropane
Concen: 19.858 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. 0.000 min
Lab File: VN069146.D
Acq: 25 Oct 2021 11:37

Tgt Ion: 75 Resp: 103428
Ion Ratio Lower Upper
75 100
77 203.6 0.0 378.0

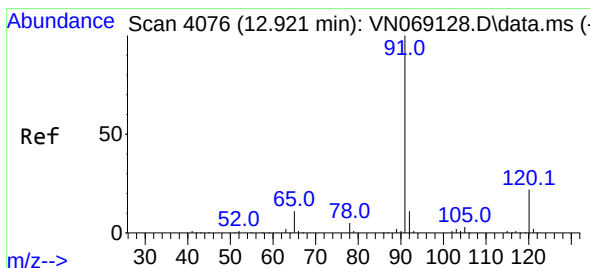
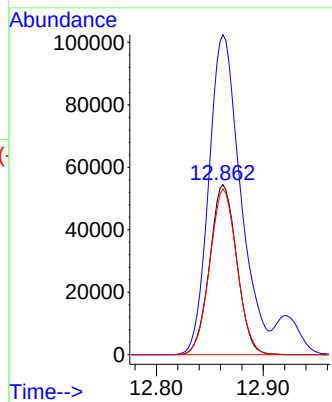
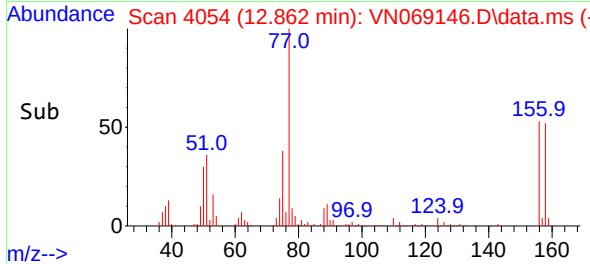




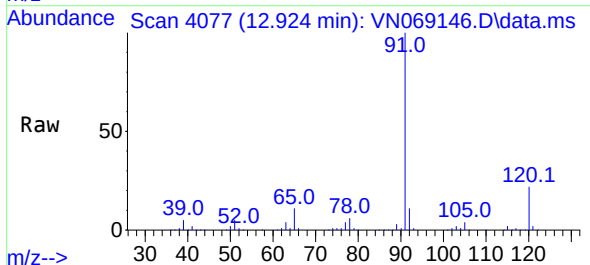
#73
Bromobenzene
Concen: 20.476 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VN069146.D
Acq: 25 Oct 2021 11:37



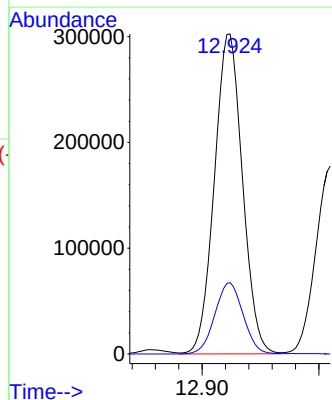
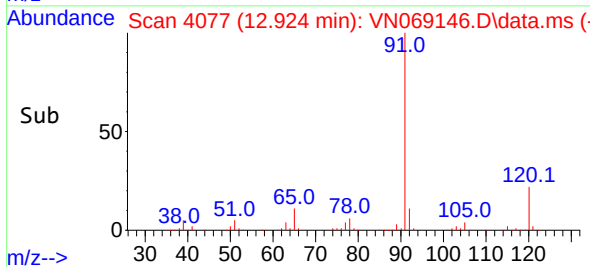
Tgt Ion:156 Resp: 95983
Ion Ratio Lower Upper
156 100
77 219.4 0.0 416.0
158 97.8 0.0 195.4



#74
n-propylbenzene
Concen: 21.251 ug/l
RT: 12.924 min Scan# 4077
Delta R.T. 0.003 min
Lab File: VN069146.D
Acq: 25 Oct 2021 11:37



Tgt Ion: 91 Resp: 504697
Ion Ratio Lower Upper
91 100
120 22.4 0.0 45.0

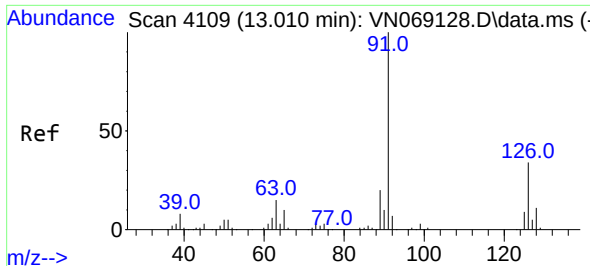


Instrument :
MSVOA_N
ClientSampled :
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#75
2-Chlorotoluene
Concen: 21.109 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. 0.000 min
Lab File: VN069146.D
Acq: 25 Oct 2021 11:37

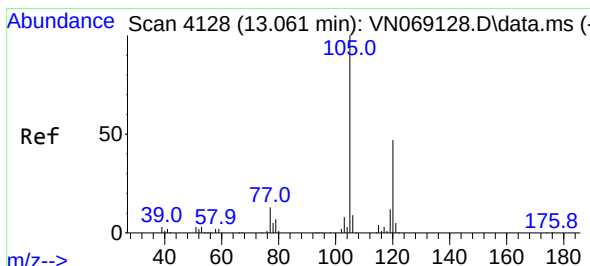
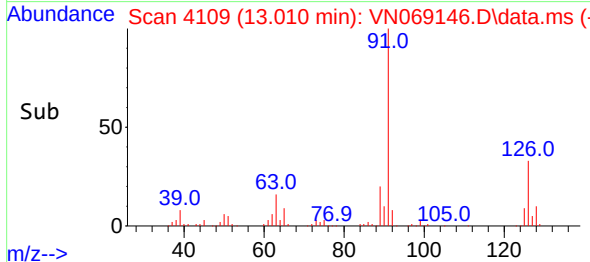
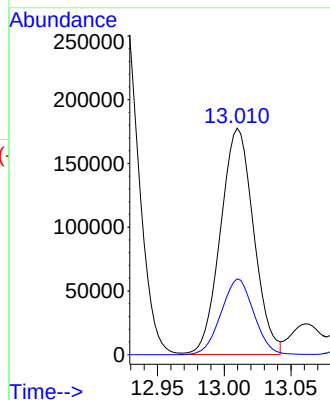
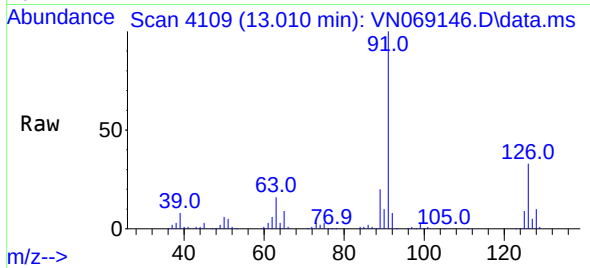
Tgt Ion: 91 Resp: 306982
Ion Ratio Lower Upper
91 100
126 33.0 0.0 69.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

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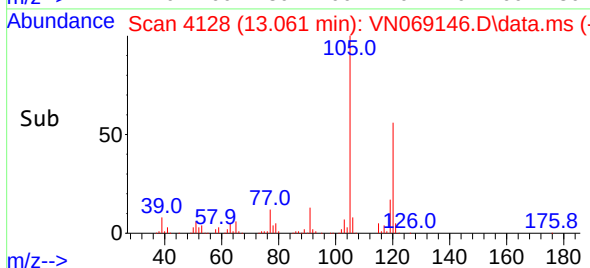
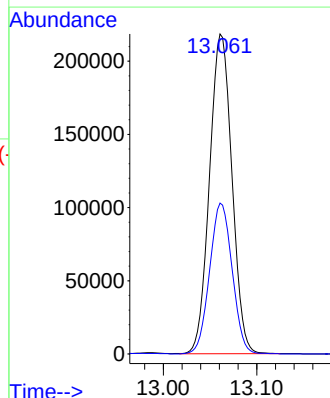
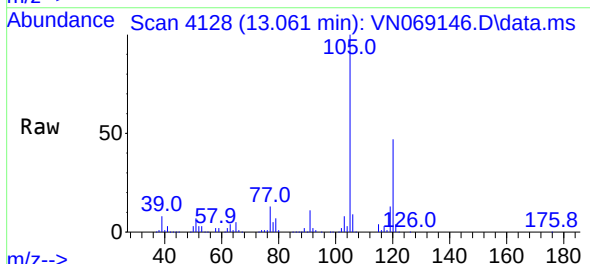
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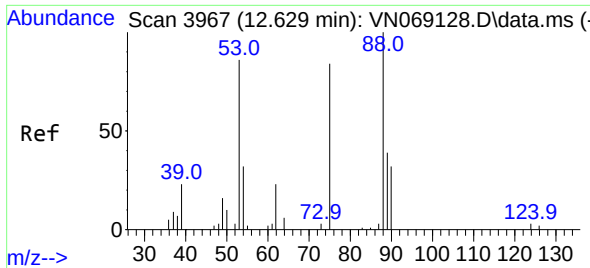
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#76
1,3,5-Trimethylbenzene
Concen: 21.155 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.000 min
Lab File: VN069146.D
Acq: 25 Oct 2021 11:37

Tgt Ion: 105 Resp: 364644
Ion Ratio Lower Upper
105 100
120 47.5 0.0 93.8





#77
t-1,4-Dichloro-2-butene
Concen: 19.367 ug/l
RT: 12.629 min Scan# 3967
Delta R.T. 0.000 min
Lab File: VN069146.D
Acq: 25 Oct 2021 11:37

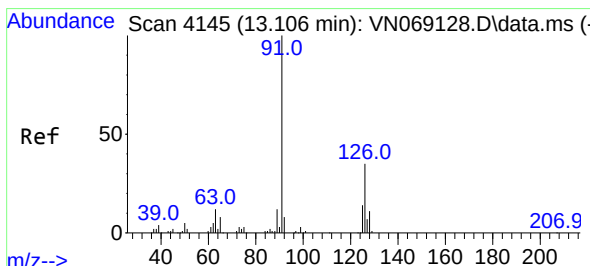
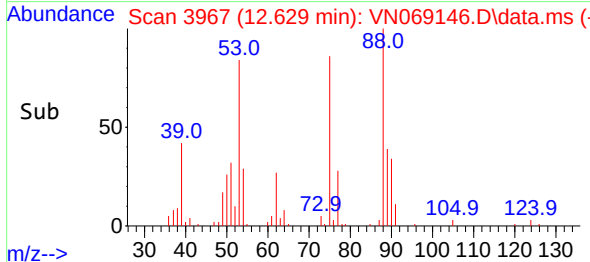
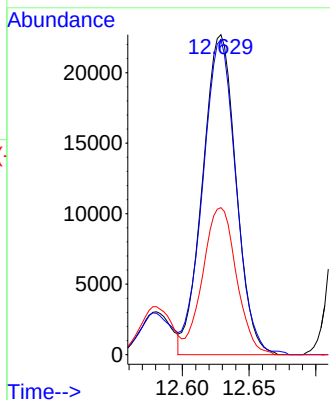
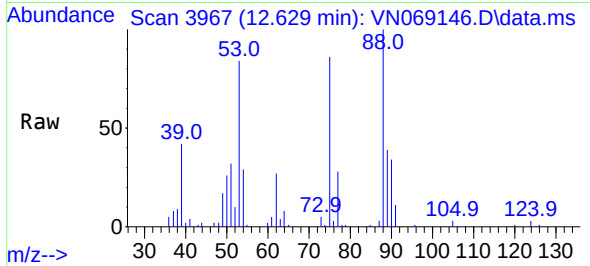
Tgt Ion: 75 Resp: 39449
Ion Ratio Lower Upper
75 100
53 97.4 51.8 155.5
89 45.9 22.9 68.7

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020

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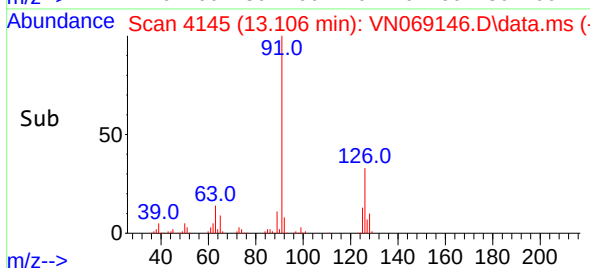
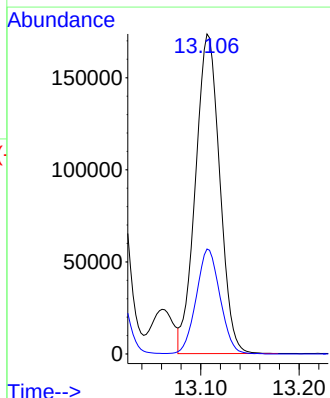
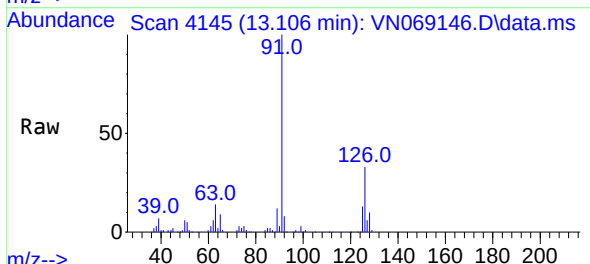
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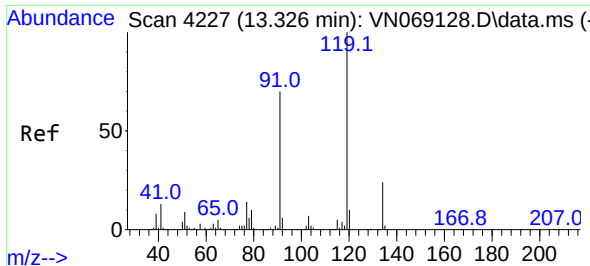
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#78
4-Chlorotoluene
Concen: 20.814 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN069146.D
Acq: 25 Oct 2021 11:37

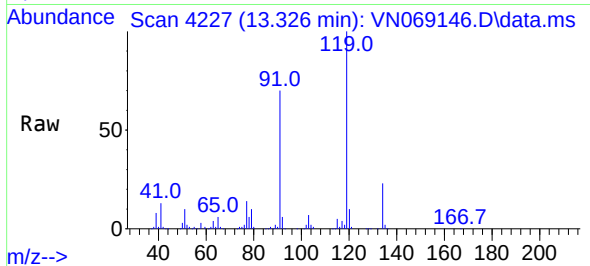
Tgt Ion: 91 Resp: 296654
Ion Ratio Lower Upper
91 100
126 32.0 0.0 70.6





#79
tert-butylbenzene
Concen: 21.248 ug/l
RT: 13.326 min Scan# 4227
Delta R.T. 0.000 min
Lab File: VN069146.D
Acq: 25 Oct 2021 11:37

Instrument :
MSVOA_N
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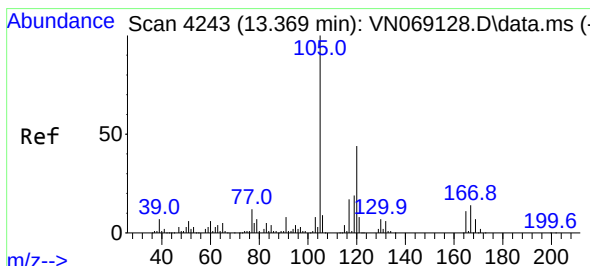
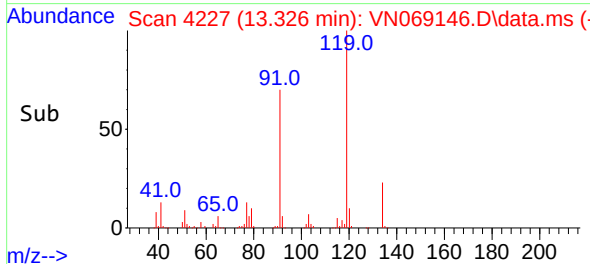
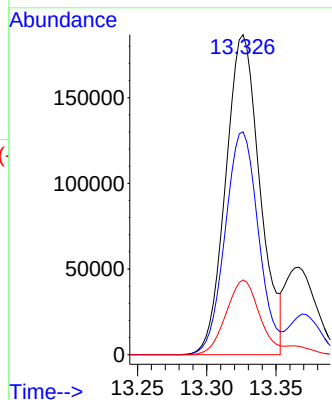


Tgt Ion:119 Resp: 321575
Ion Ratio Lower Upper
119 100
91 67.9 0.0 137.0
134 22.9 0.0 47.6

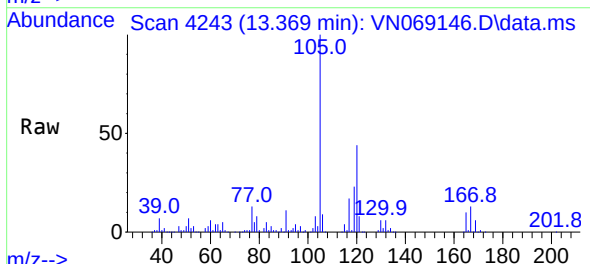
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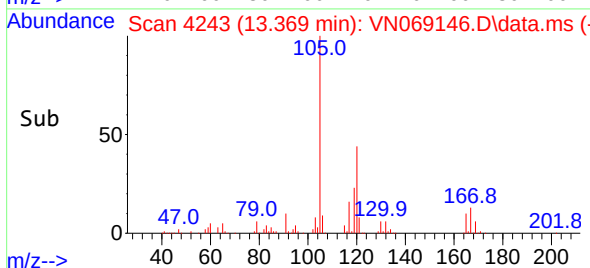
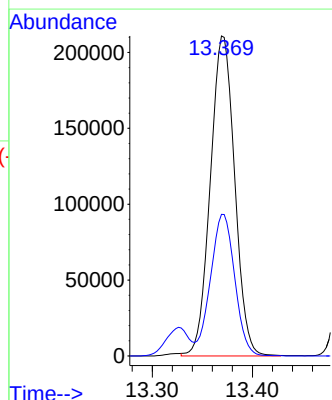
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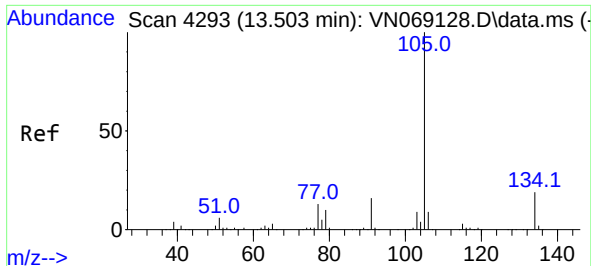


#80
1,2,4-Trimethylbenzene
Concen: 21.063 ug/l m
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN069146.D
Acq: 25 Oct 2021 11:37

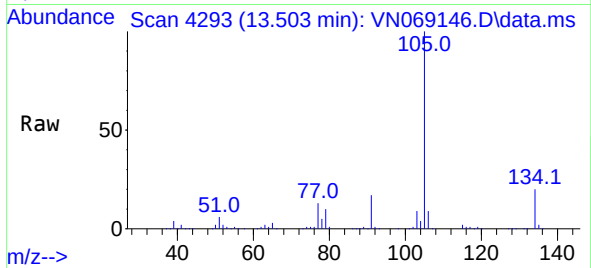


Tgt Ion:105 Resp: 356394
Ion Ratio Lower Upper
105 100
120 0.2 0.0 0.2

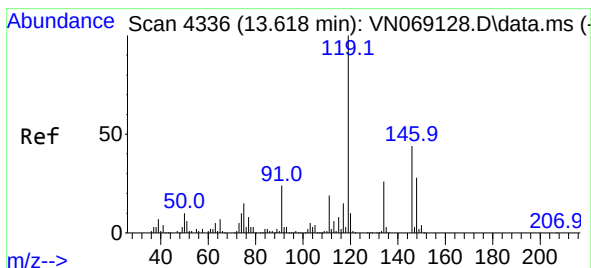
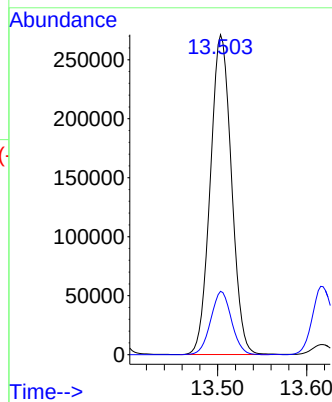
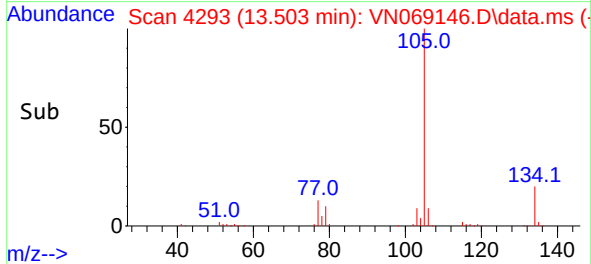




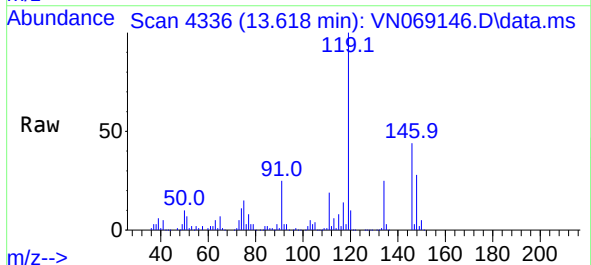
#81
sec-Butylbenzene
Concen: 21.071 ug/l
RT: 13.503 min Scan# 4293
Delta R.T. 0.000 min
Lab File: VN069146.D
Acq: 25 Oct 2021 11:37



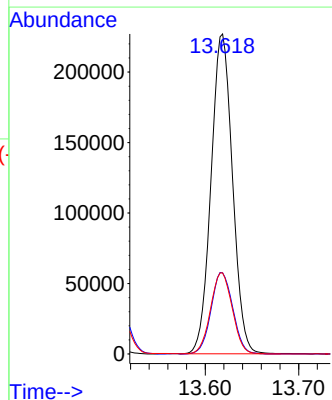
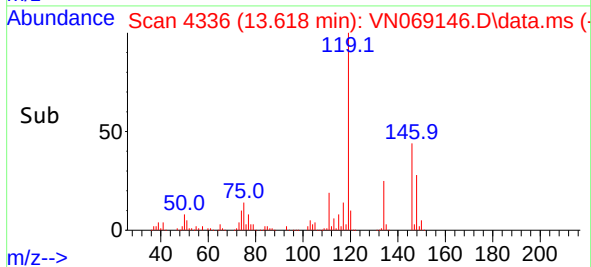
Tgt Ion:105 Resp: 446416
Ion Ratio Lower Upper
105 100
134 19.5 0.0 39.4



#82
p-Isopropyltoluene
Concen: 20.947 ug/l
RT: 13.618 min Scan# 4336
Delta R.T. 0.000 min
Lab File: VN069146.D
Acq: 25 Oct 2021 11:37



Tgt Ion:119 Resp: 361984
Ion Ratio Lower Upper
119 100
134 25.8 0.0 51.8
91 25.8 0.0 50.4

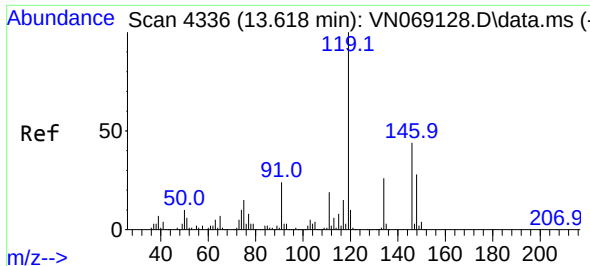


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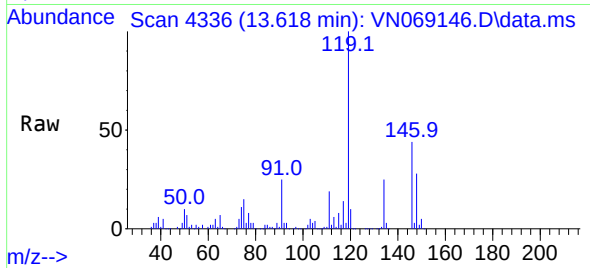
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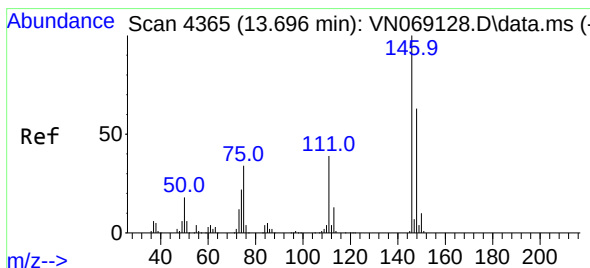
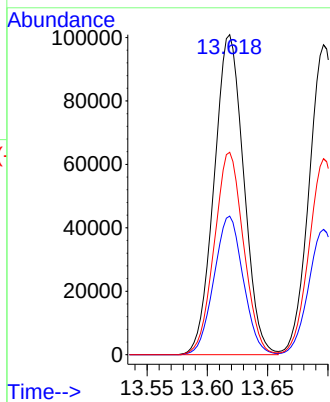
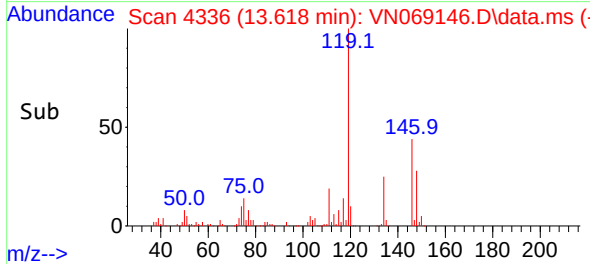
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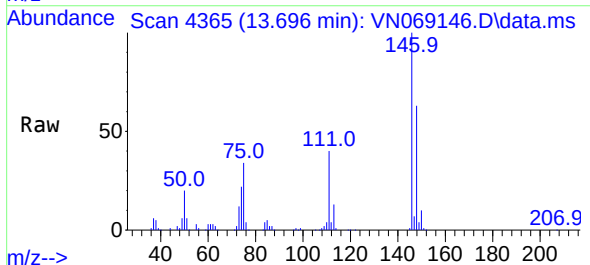
#83
1,3-Dichlorobenzene
Concen: 20.892 ug/l
RT: 13.618 min Scan# 4336
Delta R.T. 0.000 min
Lab File: VN069146.D
Acq: 25 Oct 2021 11:37



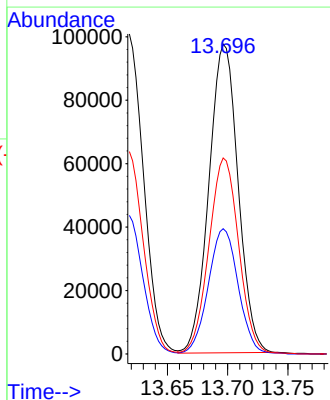
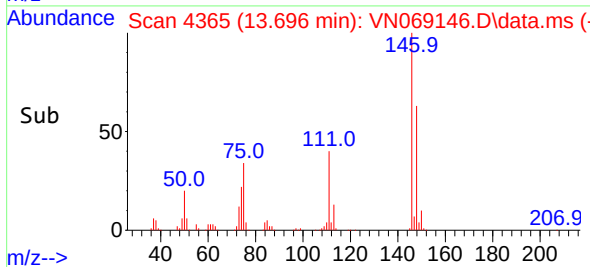
Tgt Ion:146 Resp: 172410
Ion Ratio Lower Upper
146 100
111 42.9 20.8 62.2
148 62.6 31.4 94.3



#84
1,4-Dichlorobenzene
Concen: 20.413 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. 0.000 min
Lab File: VN069146.D
Acq: 25 Oct 2021 11:37



Tgt Ion:146 Resp: 164039
Ion Ratio Lower Upper
146 100
111 41.7 19.5 58.5
148 65.1 31.1 93.5

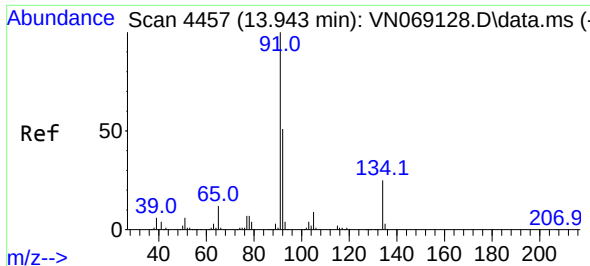


Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

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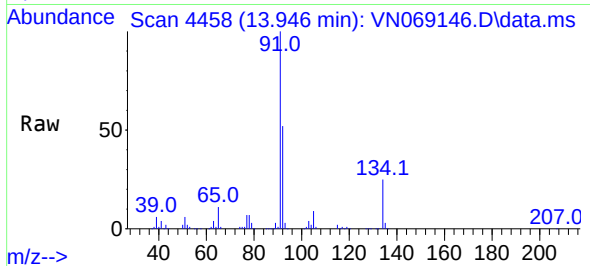
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#85
n-Butylbenzene
Concen: 20.634 ug/l
RT: 13.946 min Scan# 4458
Delta R.T. 0.003 min
Lab File: VN069146.D
Acq: 25 Oct 2021 11:37

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020

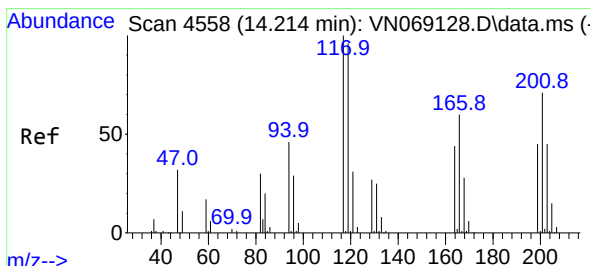
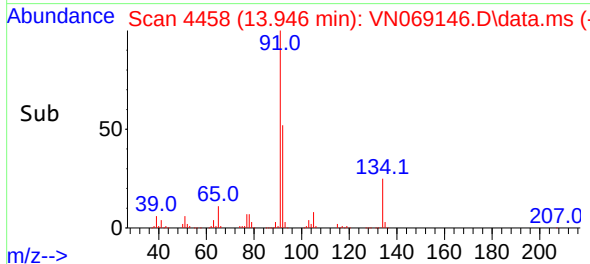
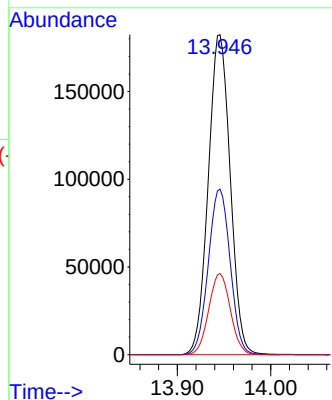


Tgt Ion: 91 Resp: 298225
Ion Ratio Lower Upper
91 100
92 51.5 0.0 100.6
134 25.0 0.0 50.2

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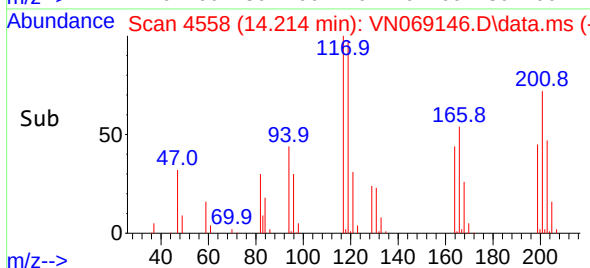
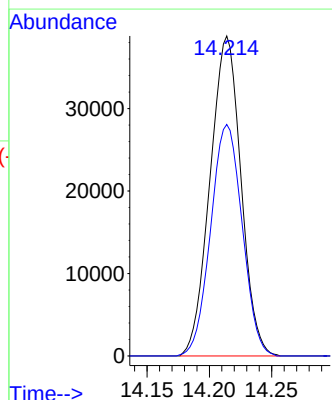
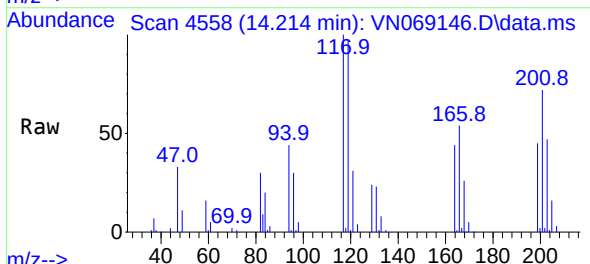
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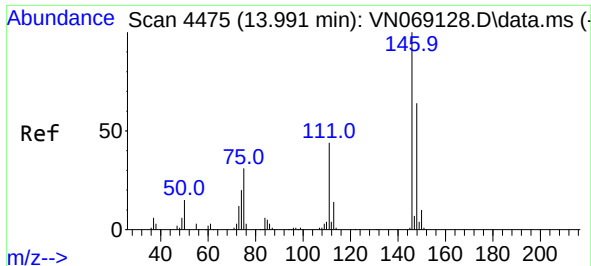
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#86
Hexachloroethane
Concen: 20.683 ug/l
RT: 14.214 min Scan# 4558
Delta R.T. 0.000 min
Lab File: VN069146.D
Acq: 25 Oct 2021 11:37

Tgt Ion: 117 Resp: 66926
Ion Ratio Lower Upper
117 100
201 73.9 33.3 99.8





#87
1,2-Dichlorobenzene
Concen: 21.011 ug/l
RT: 13.991 min Scan# 4475
Delta R.T. 0.000 min
Lab File: VN069146.D
Acq: 25 Oct 2021 11:37

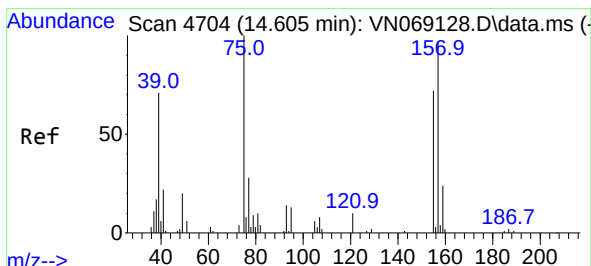
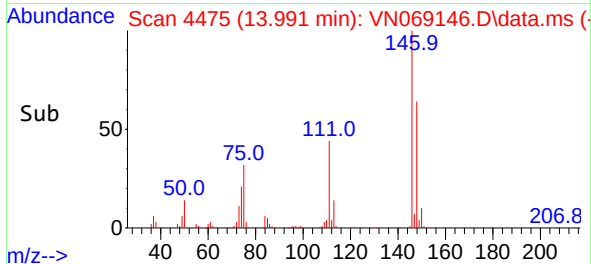
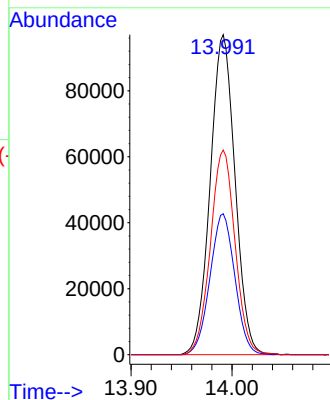
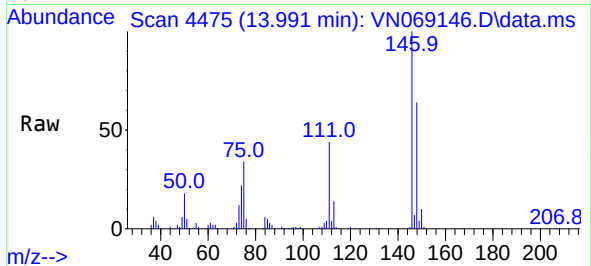
Tgt Ion:146 Resp: 165679
Ion Ratio Lower Upper
146 100
111 44.2 21.4 64.2
148 63.6 32.5 97.4

Instrument :
MSVOA_N
ClientSampleId :
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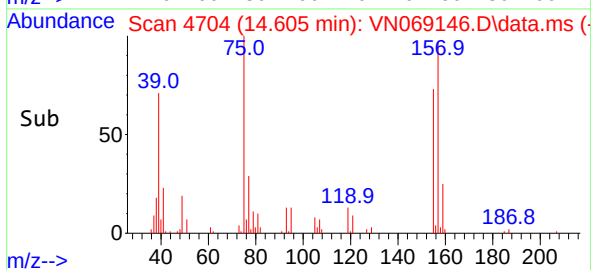
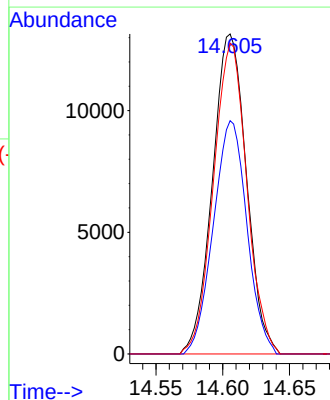
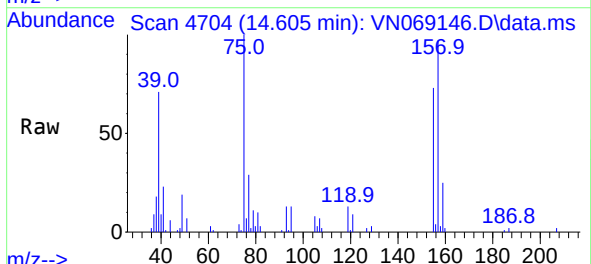
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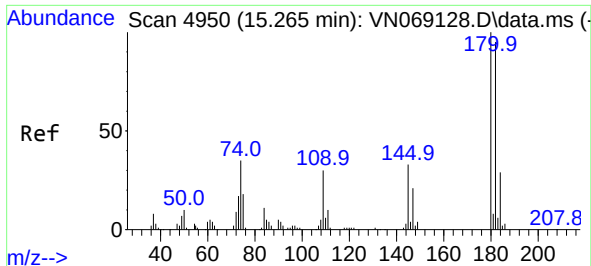
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#88
1,2-Dibromo-3-Chloropropane
Concen: 20.630 ug/l
RT: 14.605 min Scan# 4704
Delta R.T. 0.000 min
Lab File: VN069146.D
Acq: 25 Oct 2021 11:37

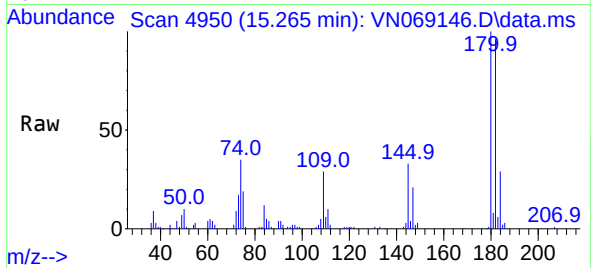
Tgt Ion: 75 Resp: 23292
Ion Ratio Lower Upper
75 100
155 71.9 63.8 95.8
157 95.3 77.9 116.9





#89
1,2,4-Trichlorobenzene
Concen: 19.473 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN069146.D
Acq: 25 Oct 2021 11:37

Instrument :
MSVOA_N
ClientSampled :
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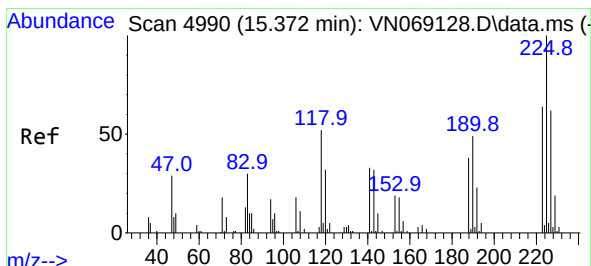
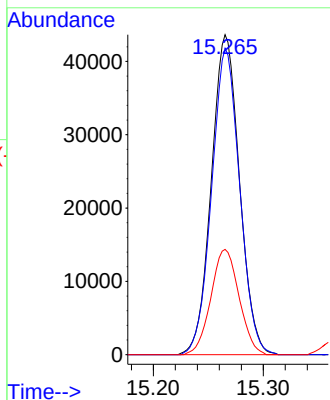
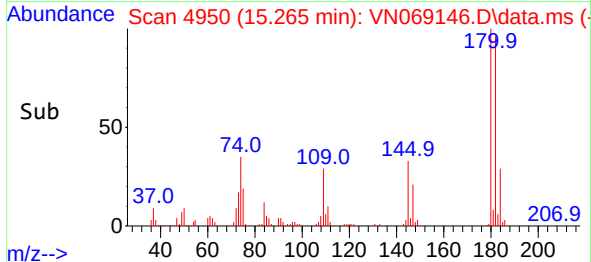


Tgt Ion:180 Resp: 77421
Ion Ratio Lower Upper
180 100
182 95.4 77.7 116.5
145 33.0 26.6 39.8

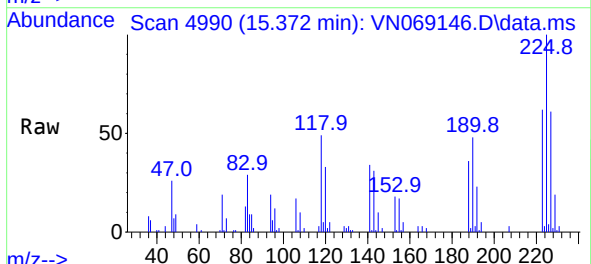
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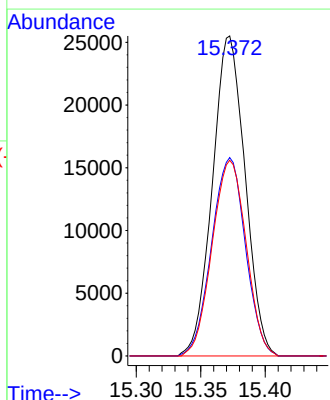
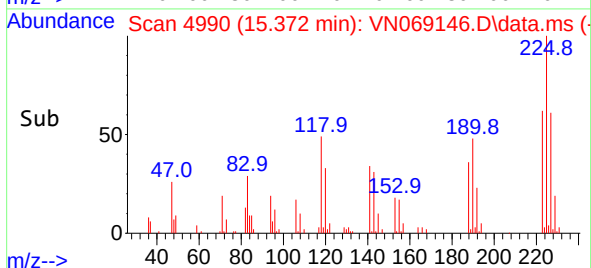
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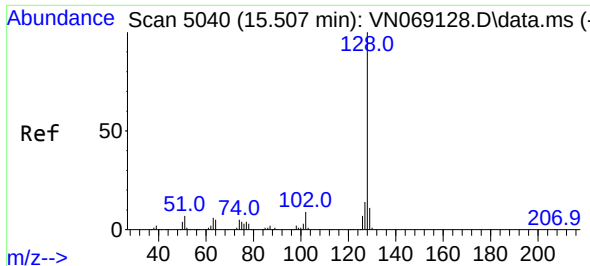


#90
Hexachlorobutadiene
Concen: 21.631 ug/l
RT: 15.372 min Scan# 4990
Delta R.T. 0.000 min
Lab File: VN069146.D
Acq: 25 Oct 2021 11:37

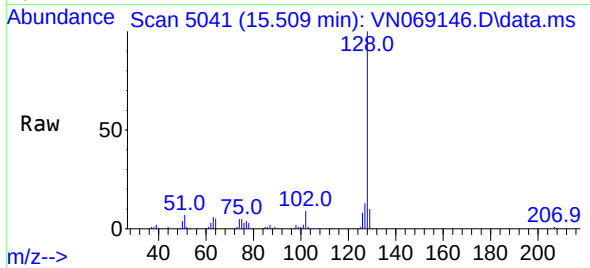


Tgt Ion:225 Resp: 44962
Ion Ratio Lower Upper
225 100
223 64.2 0.0 126.8
227 63.6 0.0 123.0

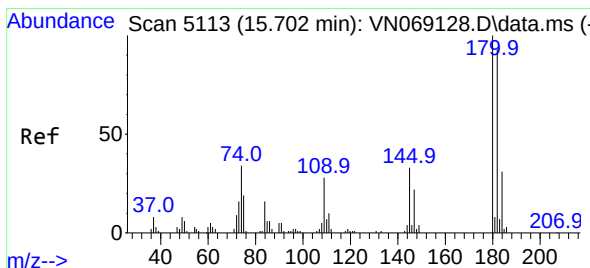
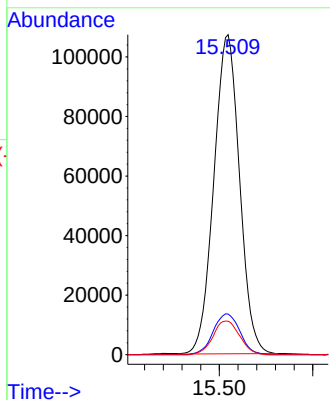
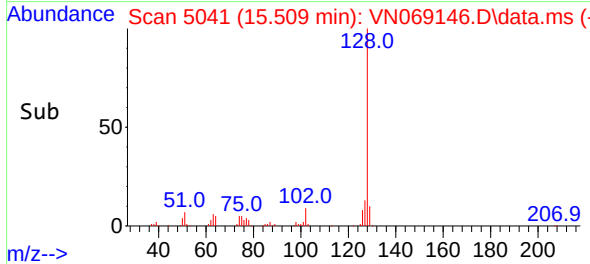




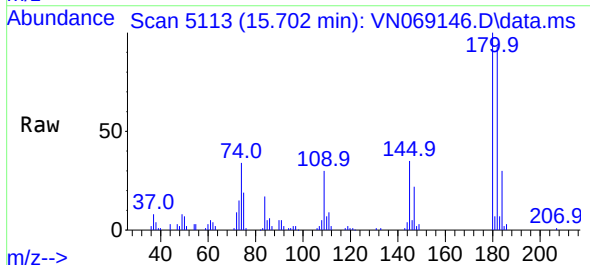
#91
Naphthalene
Concen: 17.792 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.003 min
Lab File: VN069146.D
Acq: 25 Oct 2021 11:37



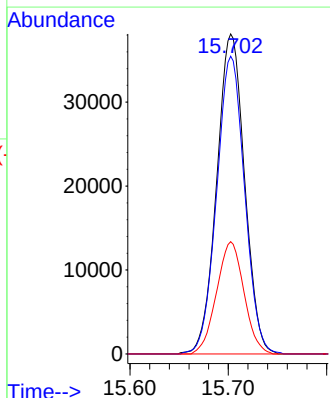
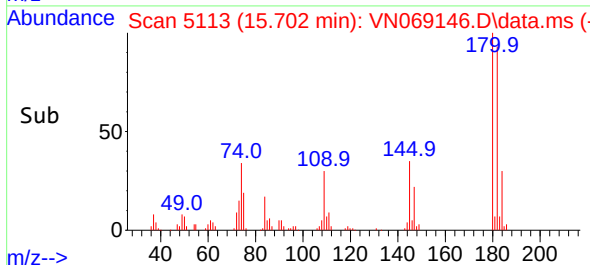
Tgt Ion:128 Resp: 204608
Ion Ratio Lower Upper
128 100
127 13.3 10.7 16.1
129 11.0 9.0 13.6



#92
1,2,3-Trichlorobenzene
Concen: 19.718 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. 0.000 min
Lab File: VN069146.D
Acq: 25 Oct 2021 11:37



Tgt Ion:180 Resp: 74921
Ion Ratio Lower Upper
180 100
182 93.6 0.0 190.0
145 34.7 0.0 67.8



Instrument :
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