

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092821\
 Data File : VN068723.D
 Acq On : 28 Sep 2021 16:10
 Operator : JC/MD
 Sample : VSTDIC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

Manual Integrations
 APPROVED

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 9/30/2021 12:18:15 PM

Quant Time: Sep 29 01:53:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N092821W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Sep 29 01:51:17 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.662	128	88742	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.971	114	502512	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.746	117	484912	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	209976	25.884	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	86.267%#		
60) 4-Bromofluorobenzene	12.733	95	235852	27.492	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	91.633%		
63) Toluene-d8	10.443	98	655831	29.037	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	96.800%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	179008	35.956	ug/l	99
3) Chloromethane	2.301	50	241104	38.059	ug/l	99
4) Vinyl Chloride	2.443	62	482982	56.268	ug/l	99
5) Bromomethane	2.853	94	422203	65.409	ug/l	99
6) Chloroethane	3.017	64	386757	59.727	ug/l	98
7) Trichlorofluoromethane	3.373	101	391544	41.581	ug/l	96
8) Diethyl Ether	3.827	74	138121	41.549	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.213	101	228511	43.740	ug/l	72
10) 1,1-Dichloroethene	4.183	96	210512	43.483	ug/l	95
11) Methyl Iodide	4.425	142	260511	42.313	ug/l	98
12) Methyl Acetate	4.854	43	369374	37.140	ug/l	99
13) Acrolein	4.044	56	66345	195.449	ug/l	96
14) Acrylonitrile	5.554	53	590441	196.854	ug/l	100
15) Acetone	4.285	58	158067	190.191	ug/l	96
16) Carbon Disulfide	4.535	76	565955	41.663	ug/l	99
17) Allyl chloride	4.846	41	341351	36.734	ug/l	96
18) Methylene Chloride	5.098	84	262055	43.955	ug/l	99
19) trans-1,2-Dichloroethene	5.602	96	250479	46.344	ug/l	98
20) Diisopropyl ether	6.495	45	805647	39.946	ug/l	99
21) 1,1-Dichloroethane	6.391	63	462616	42.842	ug/l	99
22) cis-1,2-Dichloroethene	7.329	96	309370	47.477	ug/l	98
23) tert-Butyl Alcohol	5.361	59	223436	219.379	ug/l #	100
24) Methyl tert-Butyl Ether	5.618	73	847183	45.182	ug/l	100
25) Chloroform	7.817	83	552296	45.526	ug/l	100
26) Cyclohexane	8.096	56	411877	41.290	ug/l #	98
29) 1,1-Dichloropropene	8.222	75	396988	41.566	ug/l	98
30) 2-Butanone	7.332	43	877209	199.393	ug/l	100
31) 2,2-Dichloropropane	7.327	77	444706	46.028	ug/l	99
32) 1,1,1-Trichloroethane	8.016	97	510193	46.193	ug/l	100
33) Carbon Tetrachloride	8.209	117	456909	44.236	ug/l	99
34) Benzene	8.461	78	1170474	45.276	ug/l	98
35) Methacrylonitrile	7.635	41	179219	39.866	ug/l	98
36) 1,2-Dichloroethane	8.531	62	438476	43.845	ug/l	100
37) Trichloroethene	9.217	130	308289	47.508	ug/l	96
38) Methylcyclohexane	9.461	83	494808	41.673	ug/l	100
39) 1,2-Dichloropropane	9.491	63	289243	39.069	ug/l	99
40) Dibromomethane	9.579	93	229886	45.565	ug/l	98
41) Bromodichloromethane	9.764	83	454546	44.910	ug/l	95
42) Vinyl Acetate	6.433	43	3291549	207.000	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.412	43	352581	41.061	ug/l	98
44) Isopropyl Acetate	8.560	43	654890	41.059	ug/l	100
45) 1,4-Dioxane	9.569	88	103360	872.991	ug/l	98
46) Methyl methacrylate	9.561	41	282010	35.219	ug/l	98
47) n-amyl Acetate	12.387	43	592618	39.441	ug/l	98
48) t-1,3-Dichloropropene	10.719	75	492623	44.239	ug/l	99
49) cis-1,3-Dichloropropene	10.191	75	504080	44.276	ug/l	98
50) 1,1,2-Trichloroethane	10.899	97	315173	45.277	ug/l	97
51) Ethyl methacrylate	10.762	69	487258	45.160	ug/l	98
52) 1,3-Dichloropropane	11.046	76	517324	46.342	ug/l	99
53) Dibromochloromethane	11.240	129	362962	45.631	ug/l	99
54) 1,2-Dibromoethane	11.347	107	334709	46.215	ug/l	97
55) 2-Chloroethyl vinyl ether	10.043	63	670606	213.370	ug/l	99
56) Bromoform	12.460	173	260608	44.911	ug/l #	100
58) 4-Methyl-2-Pentanone	10.330	43	2063259	205.295	ug/l	99
59) 2-Hexanone	11.087	43	1516017	197.977	ug/l	100
61) Tetrachloroethene	10.979	164	279911	47.099	ug/l	95
62) Toluene	10.507	91	1421225	45.861	ug/l	99
64) Chlorobenzene	11.771	112	868350	48.492	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.843	131	336465	46.084	ug/l	99
66) Ethyl Benzene	11.846	91	1645105	46.876	ug/l	98
67) m/p-Xylenes	11.956	106	1283772	94.168	ug/l	100
68) o-Xylene	12.283	106	625351	44.929	ug/l	100
69) Styrene	12.296	104	1053230	44.696	ug/l	99
70) Isopropylbenzene	12.581	105	1681818	46.334	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.830	83	477576	46.728	ug/l	98
72) 1,2,3-Trichloropropane	12.881	75	389396m	41.165	ug/l	
73) Bromobenzene	12.862	156	379058	47.692	ug/l	97
74) n-propylbenzene	12.921	91	1968078	48.017	ug/l	100
75) 2-Chlorotoluene	13.010	91	1147627	49.119	ug/l	100
76) 1,3,5-Trimethylbenzene	13.061	105	1432385	51.299	ug/l	99
77) t-1,4-Dichloro-2-butene	12.629	75	152168	43.032	ug/l	97
78) 4-Chlorotoluene	13.106	91	1148544	50.297	ug/l	99
79) tert-butylbenzene	13.326	119	1235303	51.865	ug/l	99
80) 1,2,4-Trimethylbenzene	13.369	105	1431524m	54.944	ug/l	
81) sec-Butylbenzene	13.503	105	1801372	56.257	ug/l	100
82) p-Isopropyltoluene	13.618	119	1503570	52.243	ug/l	99
83) 1,3-Dichlorobenzene	13.618	146	739781	53.605	ug/l	99
84) 1,4-Dichlorobenzene	13.696	146	698237	54.849	ug/l	99
85) n-Butylbenzene	13.943	91	1241929	53.925	ug/l	99
86) Hexachloroethane	14.211	117	276171	51.642	ug/l	100
87) 1,2-Dichlorobenzene	13.991	146	682149	54.964	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.605	75	88075	44.800	ug/l	97
89) 1,2,4-Trichlorobenzene	15.265	180	320925	51.001	ug/l	98
90) Hexachlorobutadiene	15.372	225	158458	47.050	ug/l	99
91) Naphthalene	15.507	128	920980	53.897	ug/l	99
92) 1,2,3-Trichlorobenzene	15.702	180	305821	50.957	ug/l	99

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

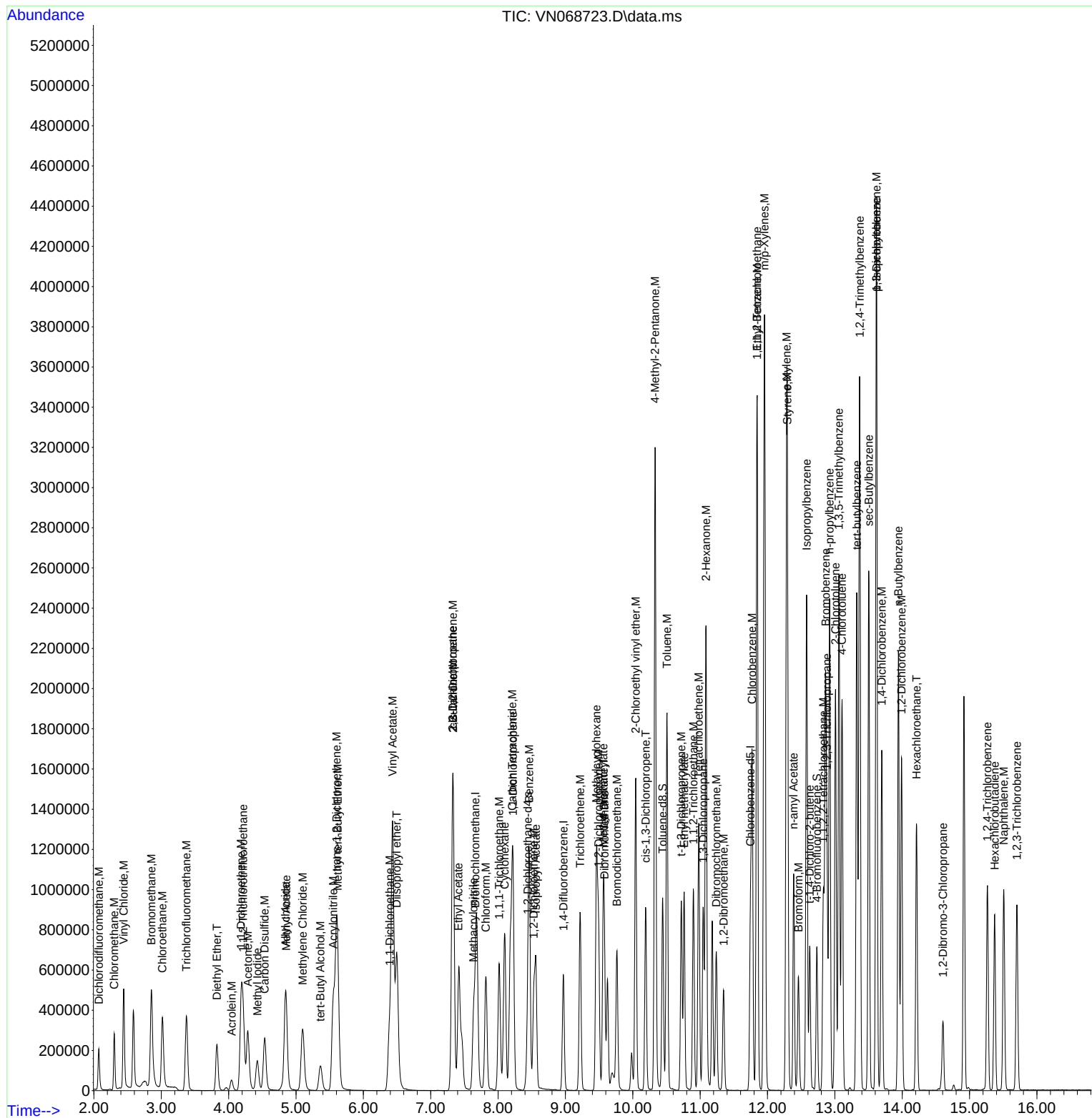
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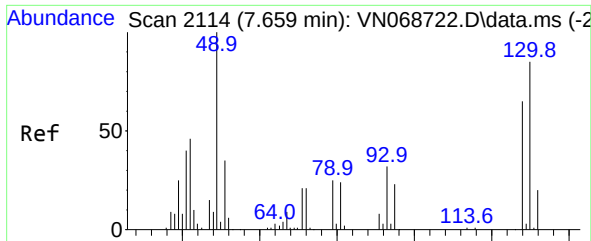
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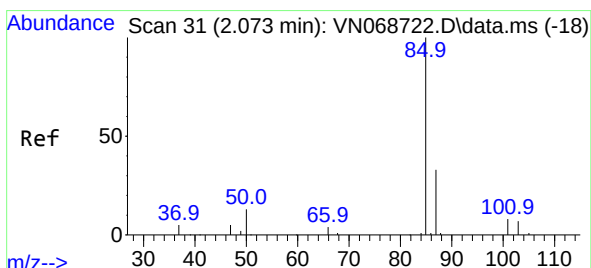
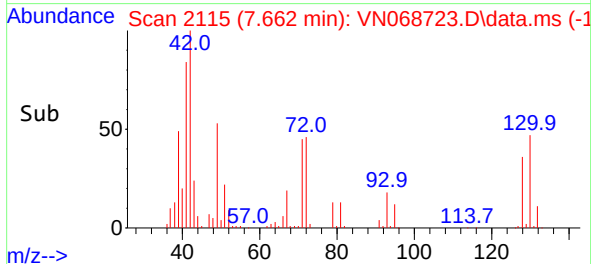
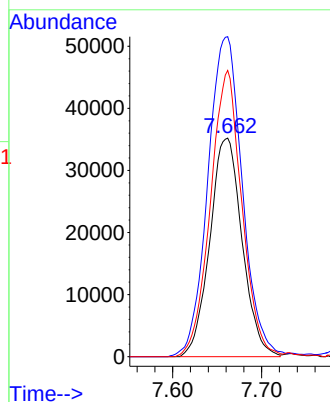
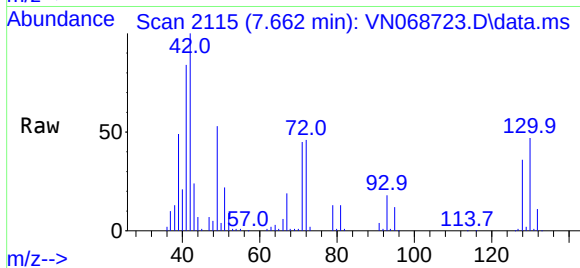
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.662 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VN068723.D
Acq: 28 Sep 2021 16:10

Tgt Ion	Ratio	Lower	Upper
128	100		
49	156.2	0.0	392.3
130	127.6	0.0	320.2

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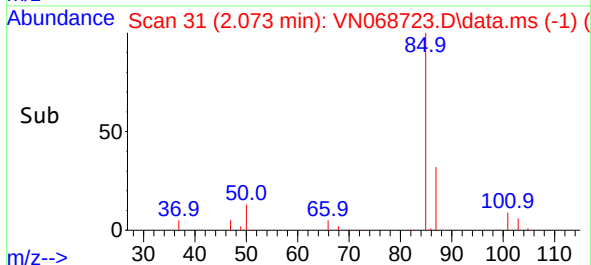
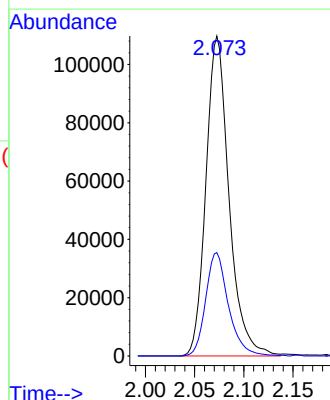
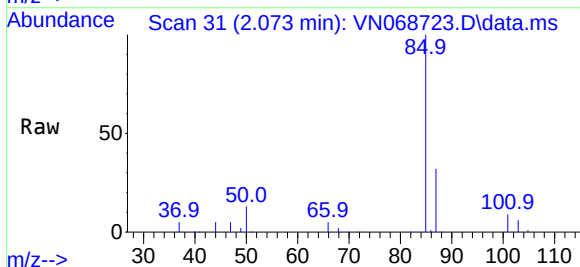
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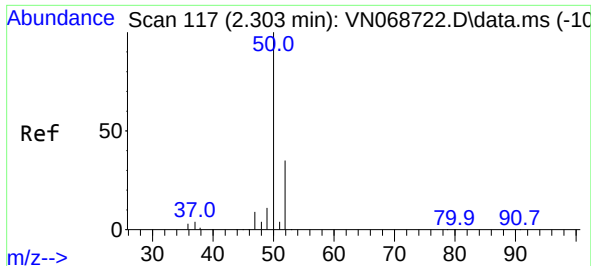
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#2
Dichlorodifluoromethane
Concen: 35.956 ug/l
RT: 2.073 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN068723.D
Acq: 28 Sep 2021 16:10

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.3	16.6	49.7





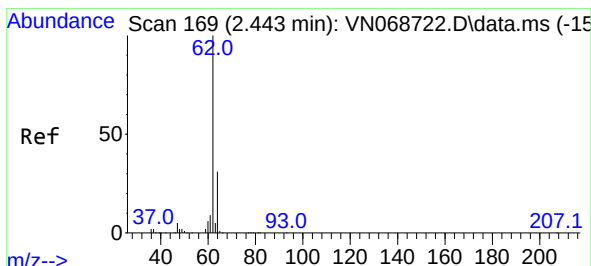
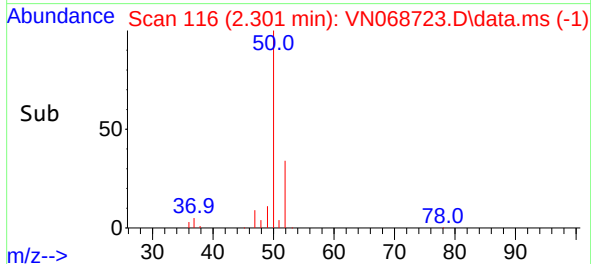
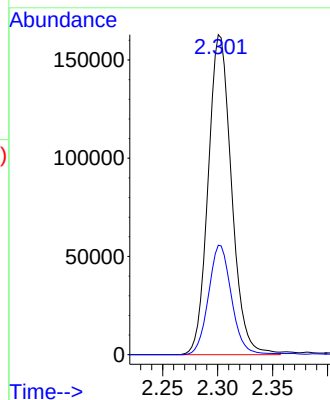
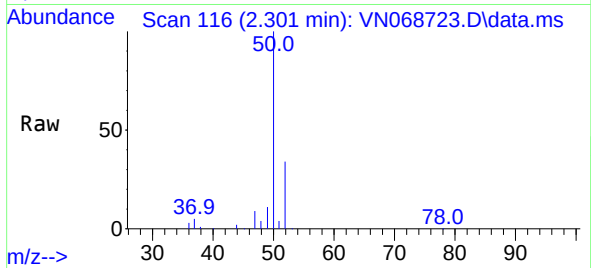
#3
Chloromethane
Concen: 38.059 ug/l
RT: 2.301 min Scan# 116
Delta R.T. -0.003 min
Lab File: VN068723.D
Acq: 28 Sep 2021 16:10

Tgt Ion: 50 Resp: 241104
Ion Ratio Lower Upper
50 100
52 34.2 27.8 41.6

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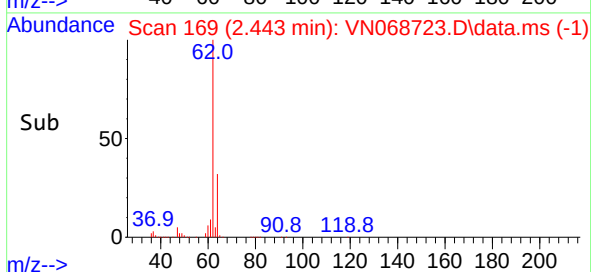
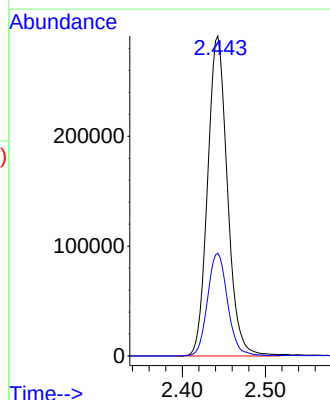
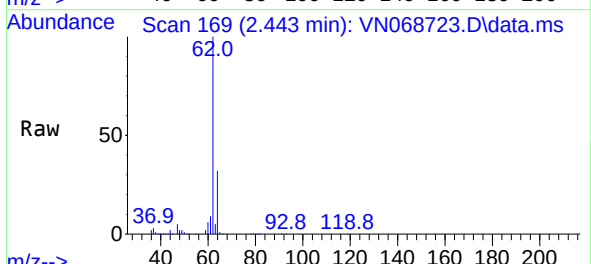
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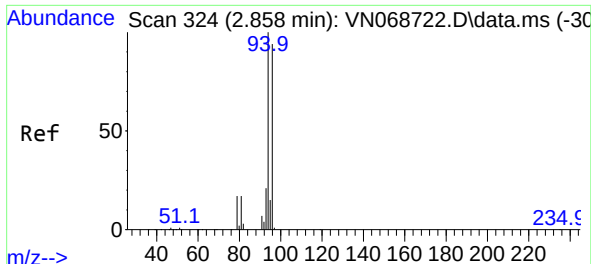
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#4
Vinyl Chloride
Concen: 56.268 ug/l
RT: 2.443 min Scan# 169
Delta R.T. 0.000 min
Lab File: VN068723.D
Acq: 28 Sep 2021 16:10

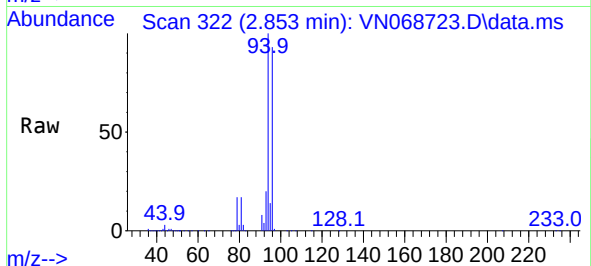
Tgt Ion: 62 Resp: 482982
Ion Ratio Lower Upper
62 100
64 32.1 25.1 37.7





#5
Bromomethane
Concen: 65.409 ug/l
RT: 2.853 min Scan# 322
Delta R.T. -0.005 min
Lab File: VN068723.D
Acq: 28 Sep 2021 16:10

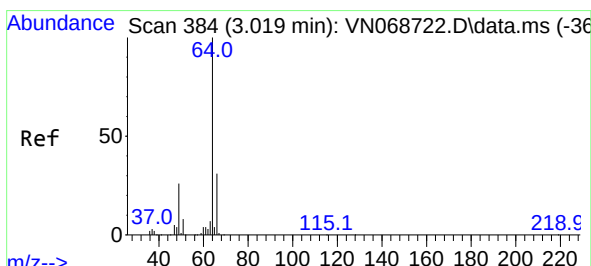
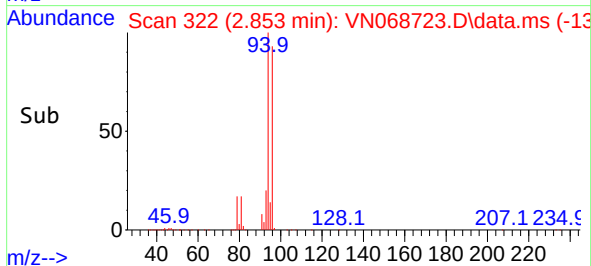
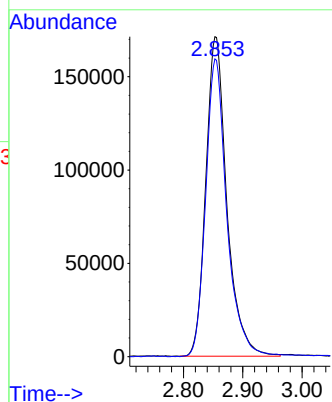
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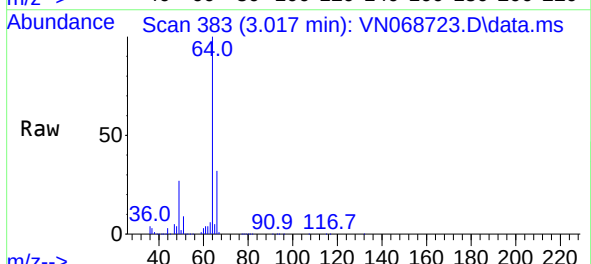
Tgt Ion: 94 Resp: 422203
Ion Ratio Lower Upper
94 100
96 93.2 75.2 112.8

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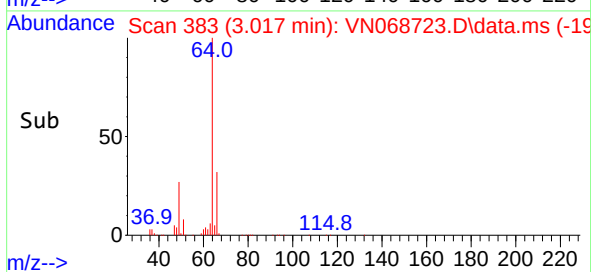
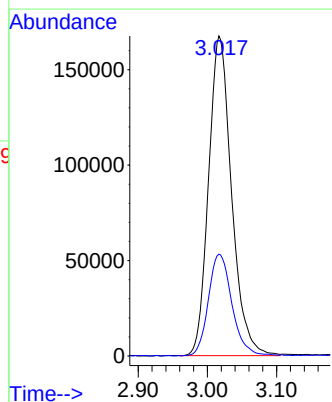
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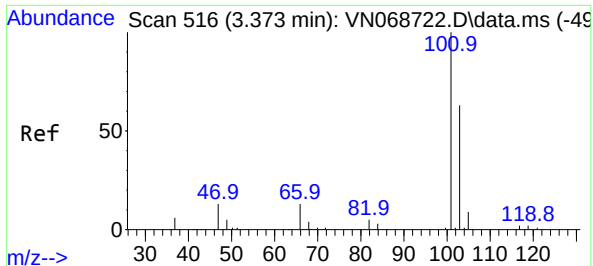


#6
Chloroethane
Concen: 59.727 ug/l
RT: 3.017 min Scan# 383
Delta R.T. -0.003 min
Lab File: VN068723.D
Acq: 28 Sep 2021 16:10



Tgt Ion: 64 Resp: 386757
Ion Ratio Lower Upper
64 100
66 31.8 24.6 36.8





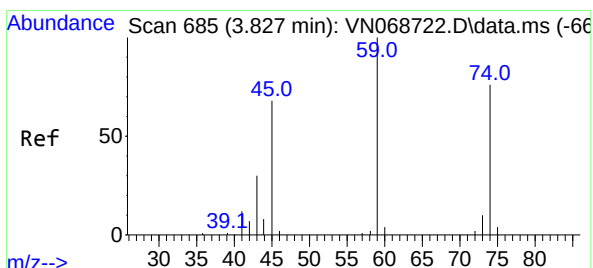
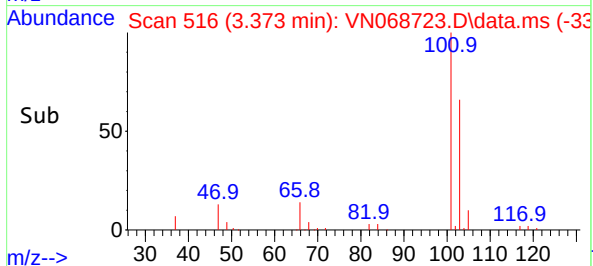
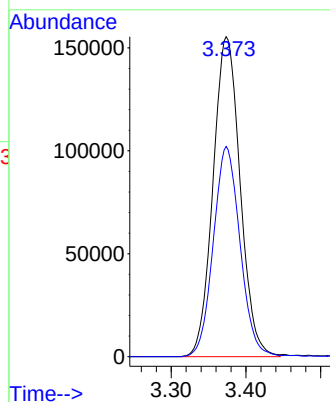
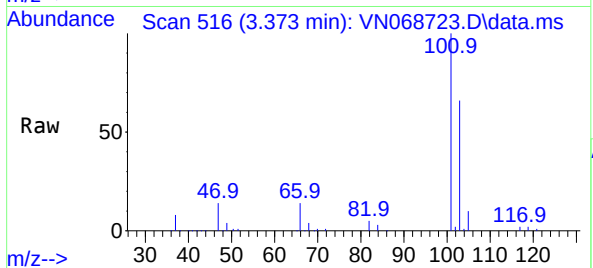
#7
Trichlorofluoromethane
Concen: 41.581 ug/l
RT: 3.373 min Scan# 516
Delta R.T. 0.000 min
Lab File: VN068723.D
Acq: 28 Sep 2021 16:10

Tgt Ion:101 Resp: 391544
Ion Ratio Lower Upper
101 100
103 65.7 50.1 75.1

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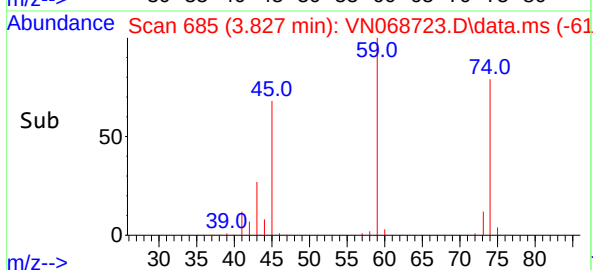
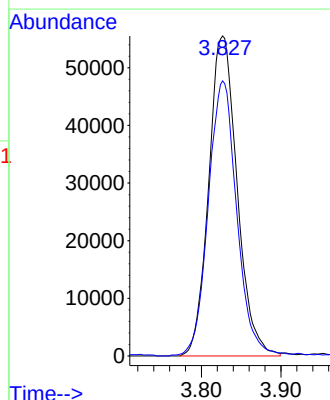
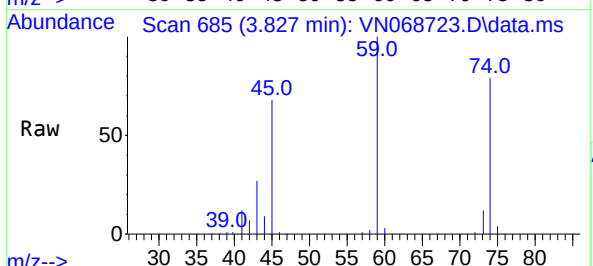
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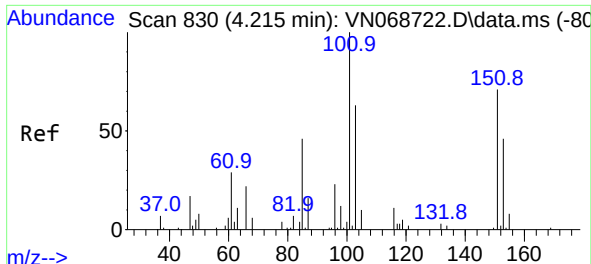
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#8
Diethyl Ether
Concen: 41.549 ug/l
RT: 3.827 min Scan# 685
Delta R.T. 0.000 min
Lab File: VN068723.D
Acq: 28 Sep 2021 16:10

Tgt Ion: 74 Resp: 138121
Ion Ratio Lower Upper
74 100
45 86.2 17.6 158.8





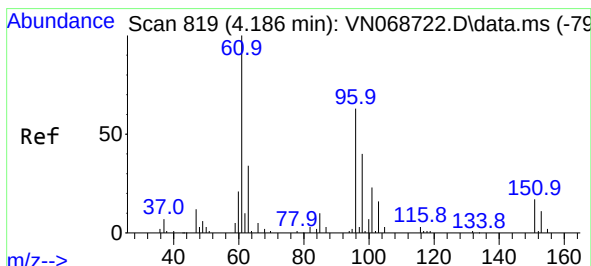
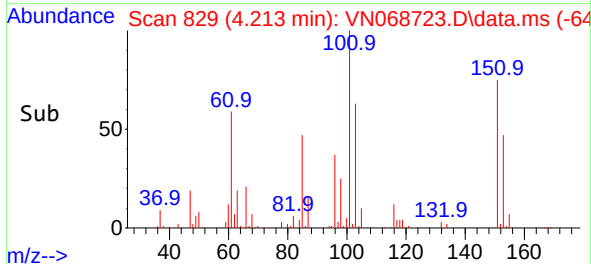
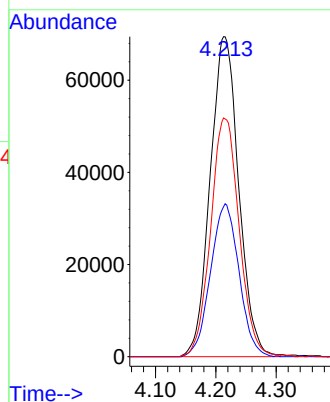
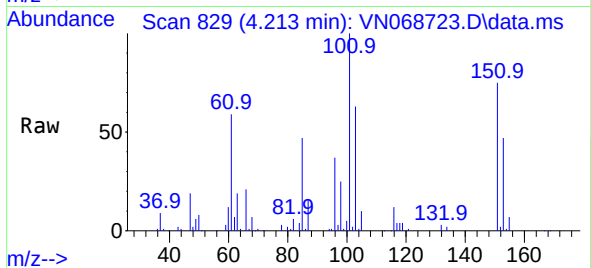
#9
1,1,2-Trichlorotrifluoroethane
Concen: 43.740 ug/l
RT: 4.213 min Scan# 829
Delta R.T. -0.003 min
Lab File: VN068723.D
Acq: 28 Sep 2021 16:10

Tgt Ion:101 Resp: 228511
Ion Ratio Lower Upper
101 100
85 47.6 0.0 94.0
151 74.6 0.0 74.6

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VSTDIC050

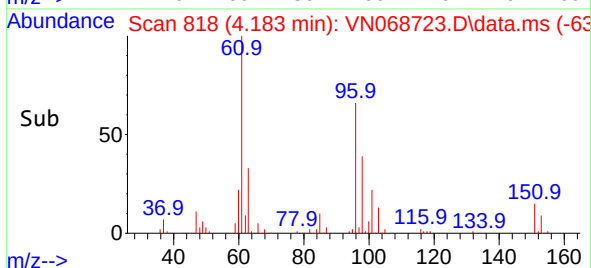
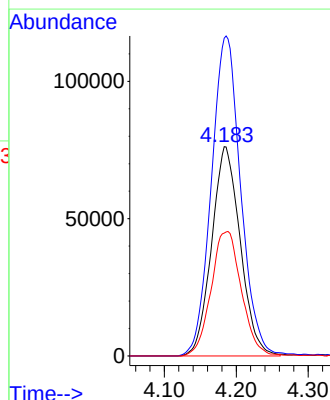
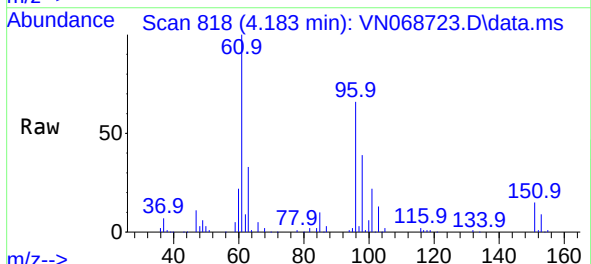
Manual Integrations
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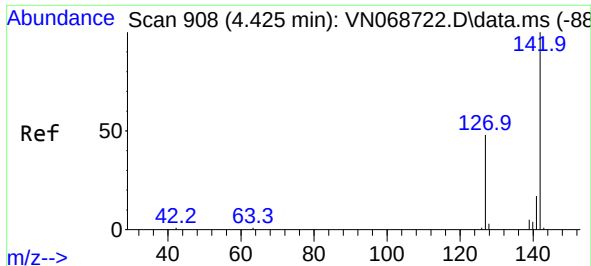
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#10
1,1-Dichloroethene
Concen: 43.483 ug/l
RT: 4.183 min Scan# 818
Delta R.T. -0.003 min
Lab File: VN068723.D
Acq: 28 Sep 2021 16:10

Tgt Ion: 96 Resp: 210512
Ion Ratio Lower Upper
96 100
61 151.5 126.2 189.4
98 58.7 50.9 76.3





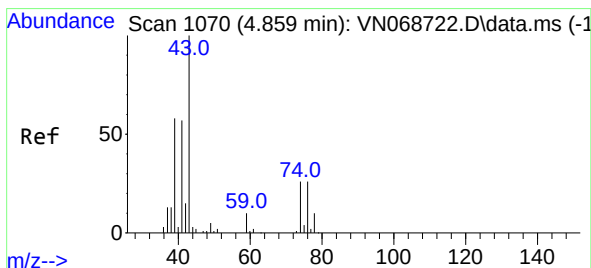
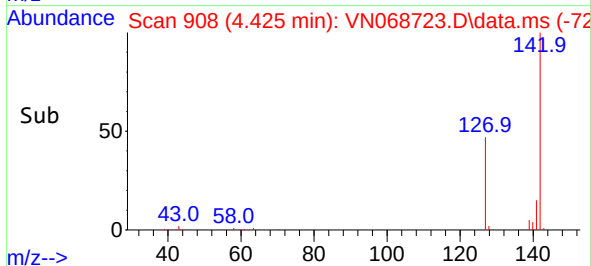
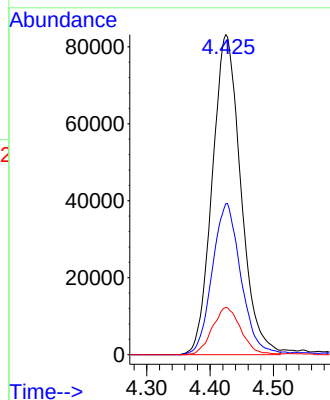
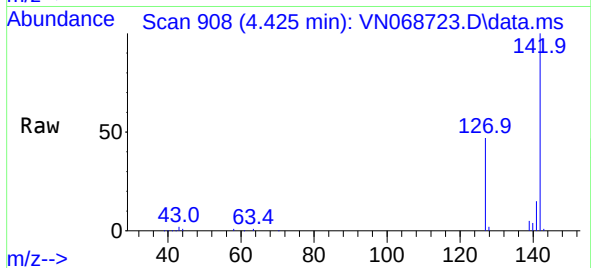
#11
Methyl Iodide
Concen: 42.313 ug/l
RT: 4.425 min Scan# 908
Delta R.T. 0.000 min
Lab File: VN068723.D
Acq: 28 Sep 2021 16:10

Tgt Ion:142 Resp: 260511
Ion Ratio Lower Upper
142 100
127 47.1 24.0 72.0
141 14.8 8.4 25.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

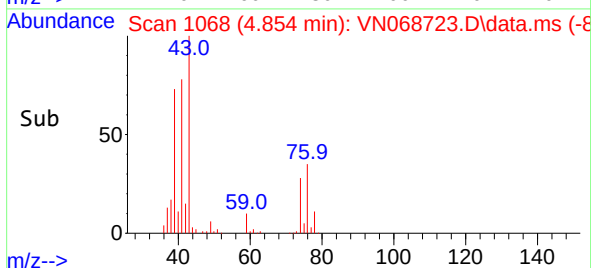
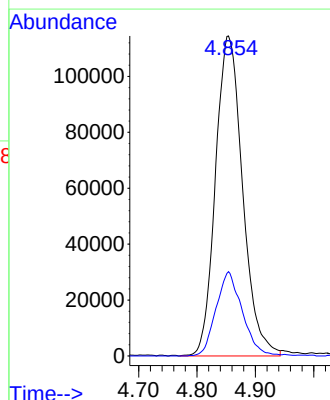
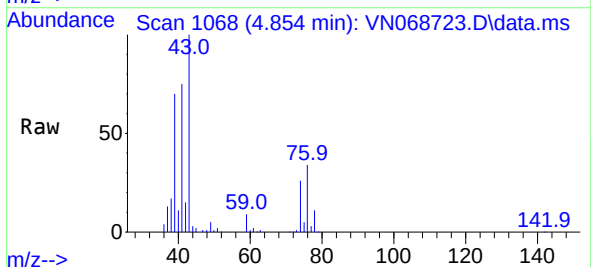
Manual Integrations
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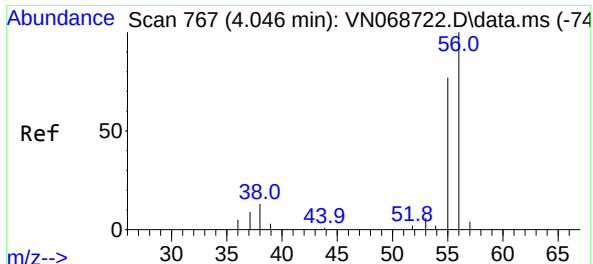
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#12
Methyl Acetate
Concen: 37.140 ug/l
RT: 4.854 min Scan# 1068
Delta R.T. -0.005 min
Lab File: VN068723.D
Acq: 28 Sep 2021 16:10

Tgt Ion: 43 Resp: 369374
Ion Ratio Lower Upper
43 100
74 26.4 20.8 31.2





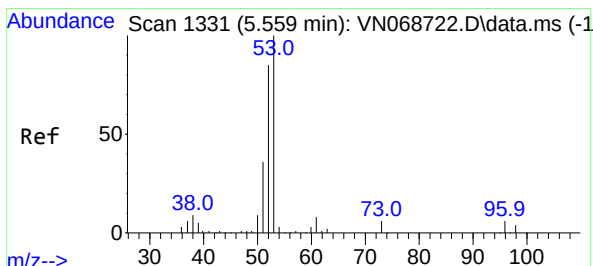
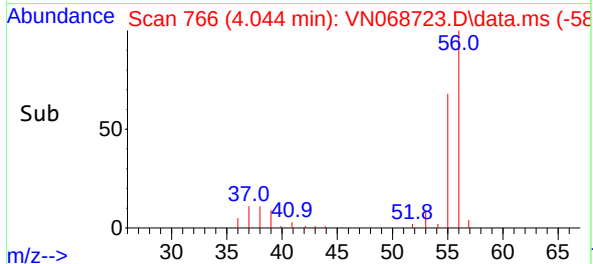
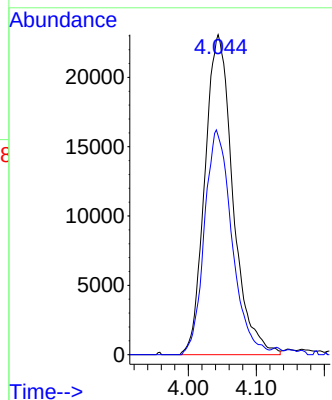
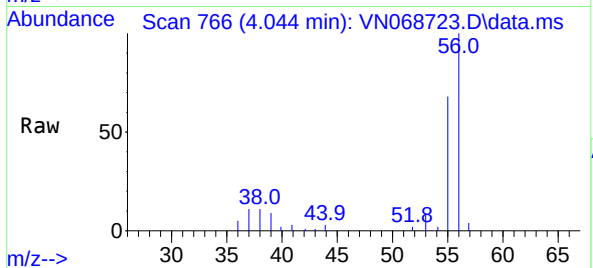
#13
Acrolein
Concen: 195.449 ug/l
RT: 4.044 min Scan# 766
Delta R.T. -0.003 min
Lab File: VN068723.D
Acq: 28 Sep 2021 16:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion: 56 Resp: 66345
Ion Ratio Lower Upper
56 100
55 68.3 57.6 86.4

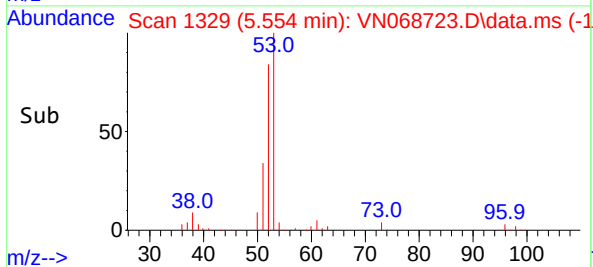
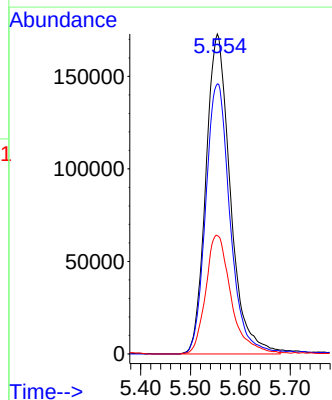
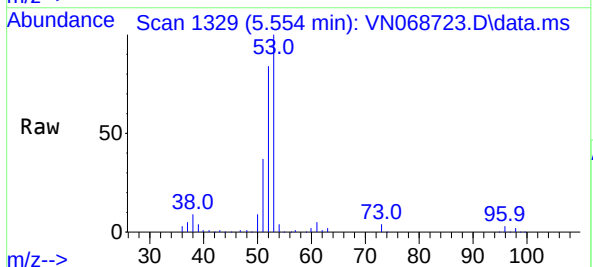
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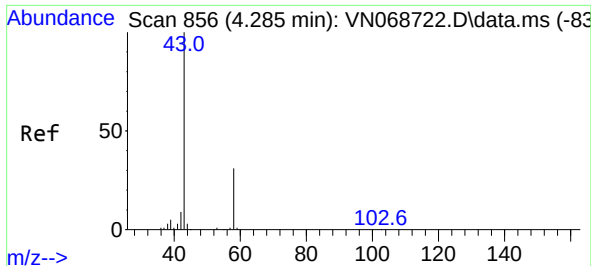
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#14
Acrylonitrile
Concen: 196.854 ug/l
RT: 5.554 min Scan# 1329
Delta R.T. -0.005 min
Lab File: VN068723.D
Acq: 28 Sep 2021 16:10

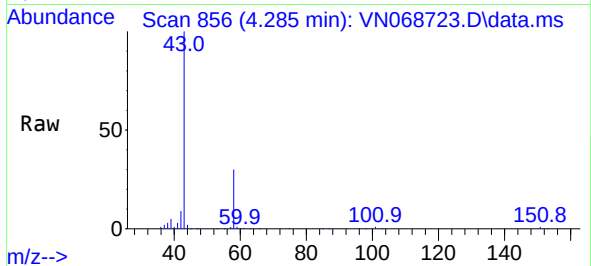
Tgt Ion: 53 Resp: 590441
Ion Ratio Lower Upper
53 100
52 84.0 41.8 125.4
51 38.4 19.0 57.0





#15
Acetone
Concen: 190.191 ug/l
RT: 4.285 min Scan# 856
Delta R.T. 0.000 min
Lab File: VN068723.D
Acq: 28 Sep 2021 16:10

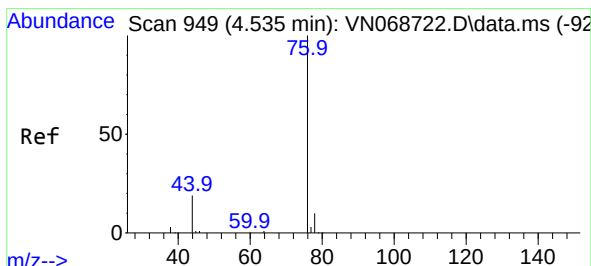
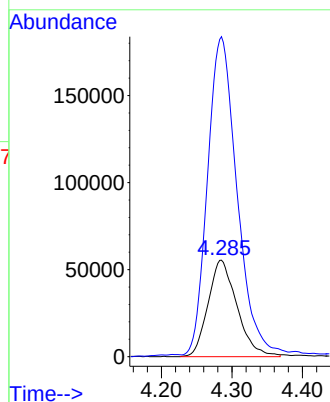
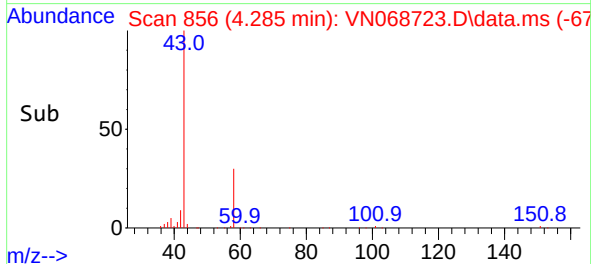
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



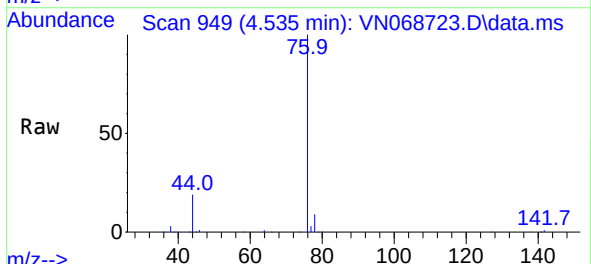
Tgt Ion: 58 Resp: 158067
Ion Ratio Lower Upper
58 100
43 329.5 256.6 384.8

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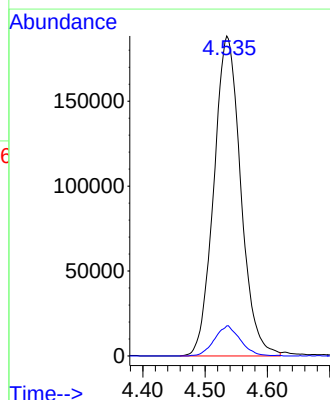
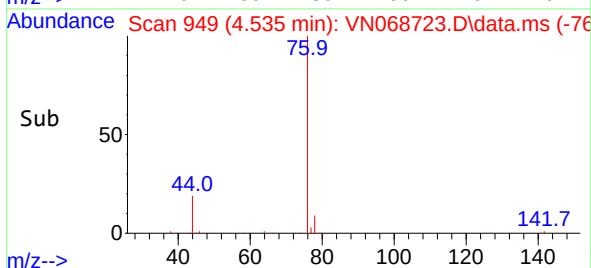
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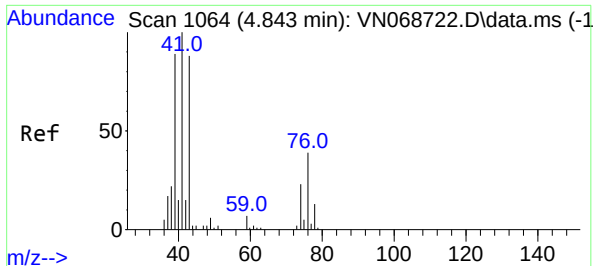


#16
Carbon Disulfide
Concen: 41.663 ug/l
RT: 4.535 min Scan# 949
Delta R.T. 0.000 min
Lab File: VN068723.D
Acq: 28 Sep 2021 16:10



Tgt Ion: 76 Resp: 565955
Ion Ratio Lower Upper
76 100
78 9.4 7.8 11.8





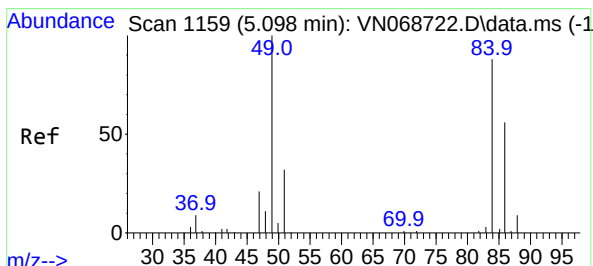
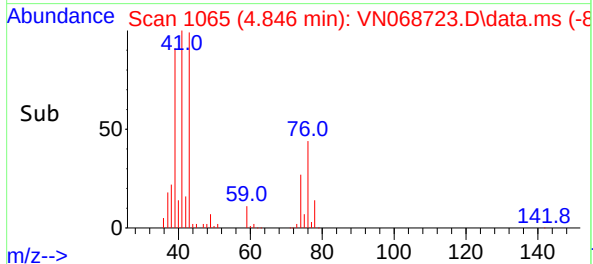
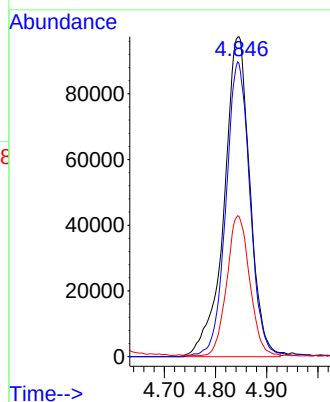
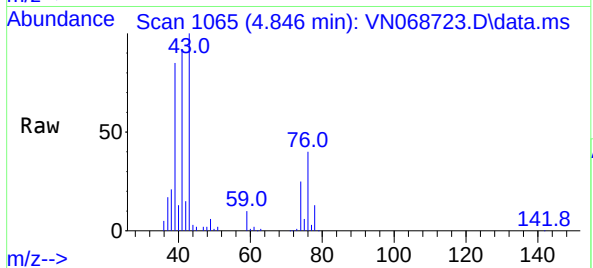
#17
 Allyl chloride
 Concen: 36.734 ug/l
 RT: 4.846 min Scan# 1065
 Delta R.T. 0.003 min
 Lab File: VN068723.D
 Acq: 28 Sep 2021 16:10

Tgt Ion: 41 Resp: 341351
 Ion Ratio Lower Upper
 41 100
 39 91.7 44.6 134.0
 76 43.5 19.6 58.7

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC050

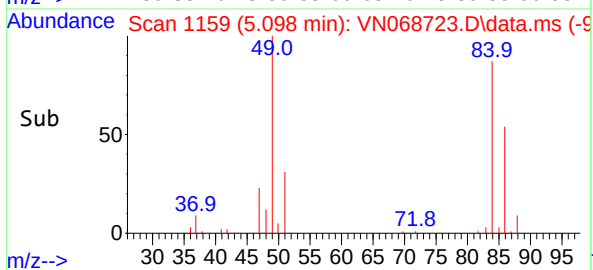
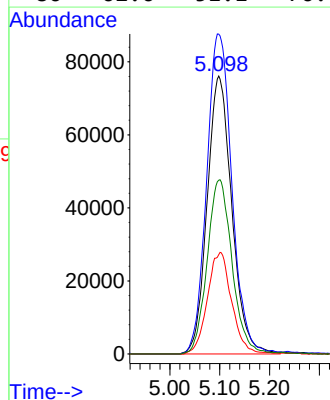
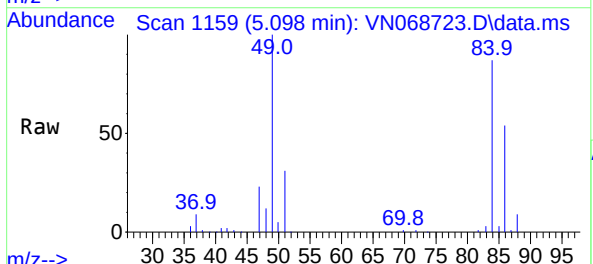
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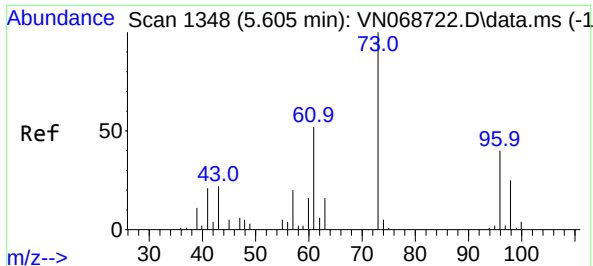
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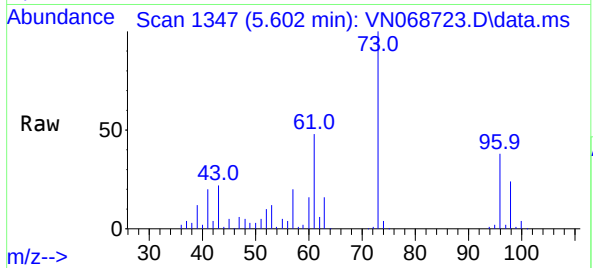
#18
 Methylene Chloride
 Concen: 43.955 ug/l
 RT: 5.098 min Scan# 1159
 Delta R.T. 0.000 min
 Lab File: VN068723.D
 Acq: 28 Sep 2021 16:10

Tgt Ion: 84 Resp: 262055
 Ion Ratio Lower Upper
 84 100
 49 115.1 91.4 137.0
 51 35.8 29.4 44.0
 86 62.6 51.1 76.7

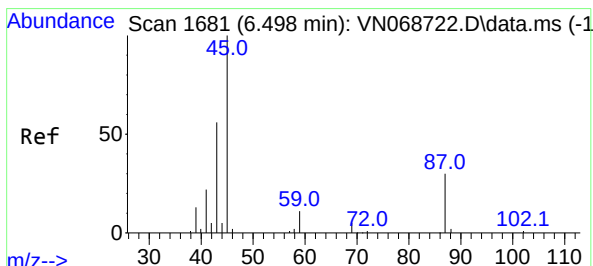
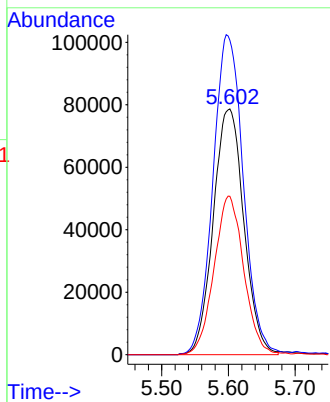
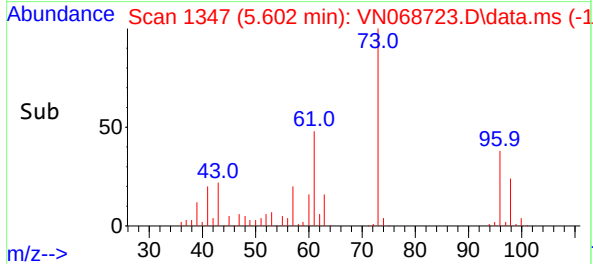




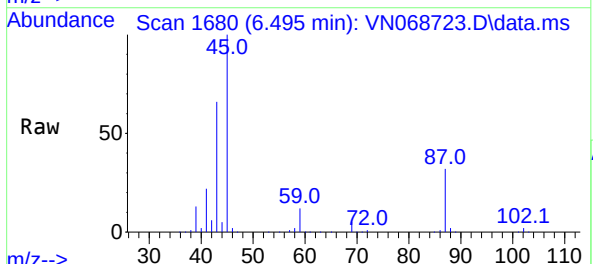
#19
trans-1,2-Dichloroethene
Concen: 46.344 ug/l
RT: 5.602 min Scan# 1347
Delta R.T. -0.003 min
Lab File: VN068723.D
Acq: 28 Sep 2021 16:10



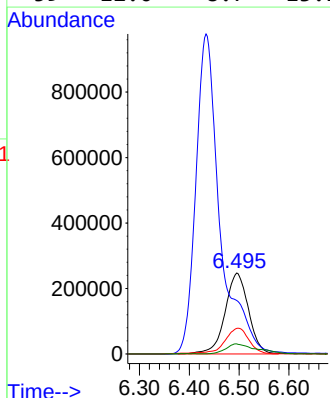
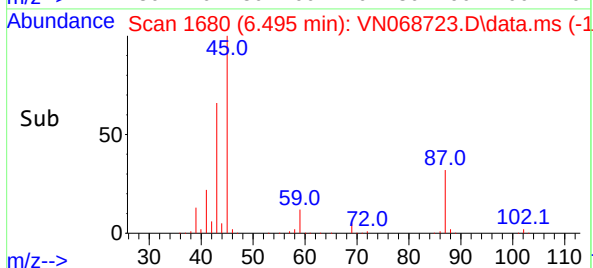
Tgt Ion: 96 Resp: 250479
Ion Ratio Lower Upper
96 100
61 128.0 102.8 154.2
98 64.5 49.3 73.9



#20
Diisopropyl ether
Concen: 39.946 ug/l
RT: 6.495 min Scan# 1680
Delta R.T. -0.003 min
Lab File: VN068723.D
Acq: 28 Sep 2021 16:10



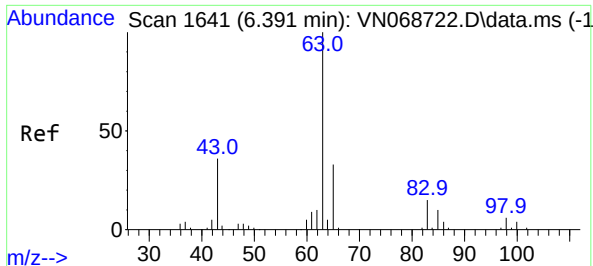
Tgt Ion: 45 Resp: 805647
Ion Ratio Lower Upper
45 100
43 63.5 51.0 76.4
87 31.4 25.0 37.4
59 12.0 8.7 13.1



Instrument :
MSVOA_N
ClientSampled :
VSTDIC050

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#21

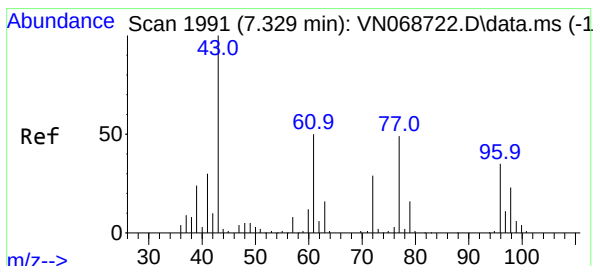
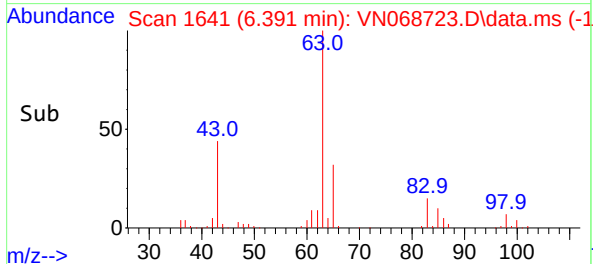
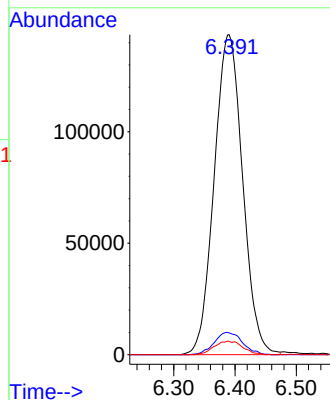
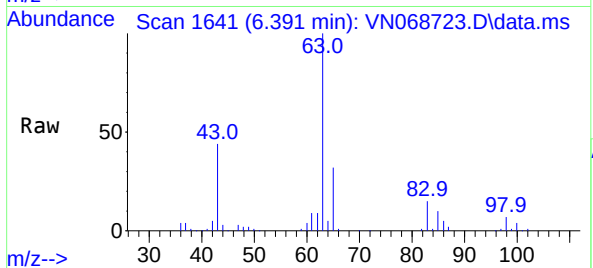
1,1-Dichloroethane
Concen: 42.842 ug/l
RT: 6.391 min Scan# 1641
Delta R.T. 0.000 min
Lab File: VN068723.D
Acq: 28 Sep 2021 16:10

Tgt Ion: 63 Resp: 462616
Ion Ratio Lower Upper
63 100
98 6.8 3.2 9.6
100 4.1 2.1 6.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Manual Integrations
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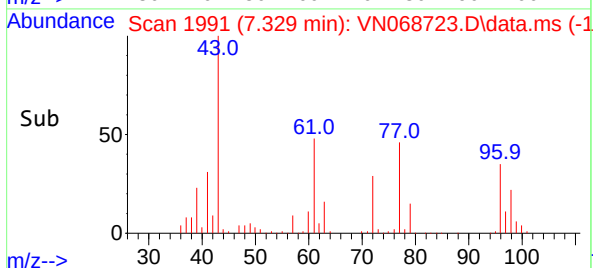
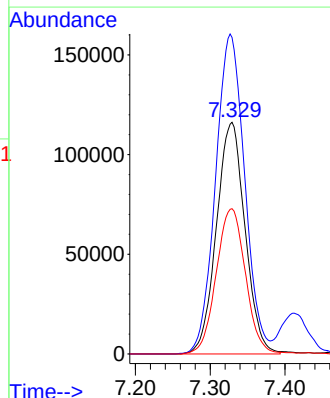
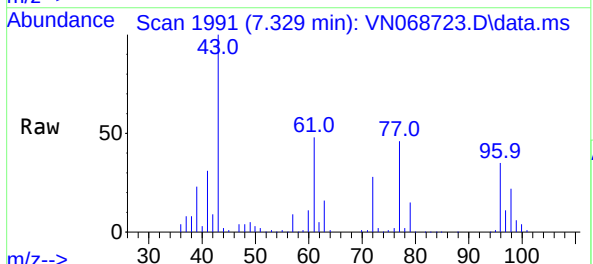
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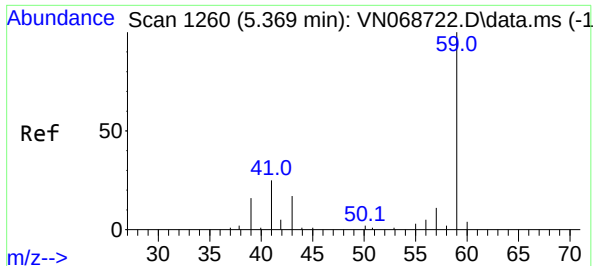


#22

cis-1,2-Dichloroethene
Concen: 47.477 ug/l
RT: 7.329 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VN068723.D
Acq: 28 Sep 2021 16:10

Tgt Ion: 96 Resp: 309370
Ion Ratio Lower Upper
96 100
61 140.5 115.7 173.5
98 64.1 51.6 77.4





#23

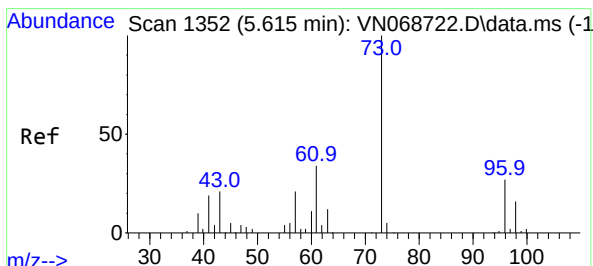
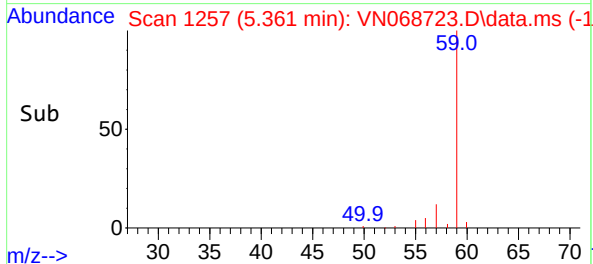
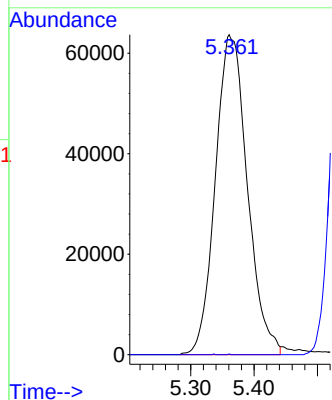
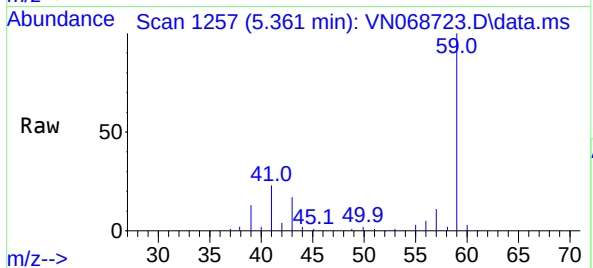
tert-Butyl Alcohol
Concen: 219.379 ug/l
RT: 5.361 min Scan# 1257
Delta R.T. -0.008 min
Lab File: VN068723.D
Acq: 28 Sep 2021 16:10

Tgt Ion: 59 Resp: 223436
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

Instrument :
MSVOA_N
ClientSampled :
VSTDIC050

Manual Integrations
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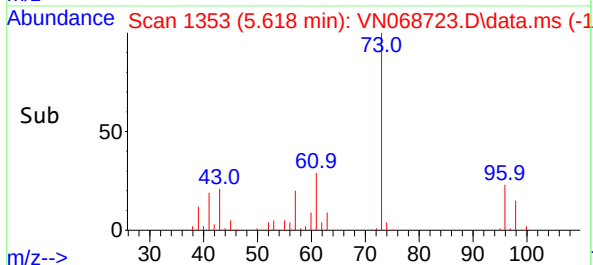
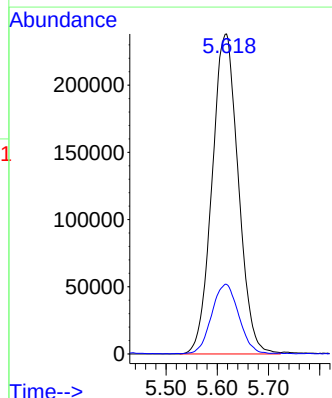
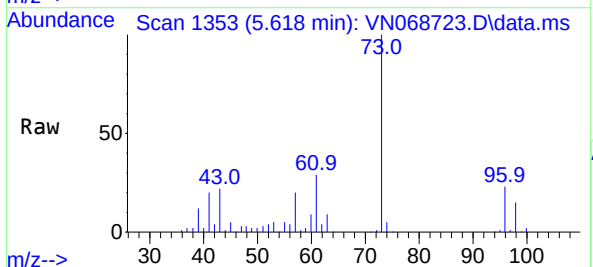
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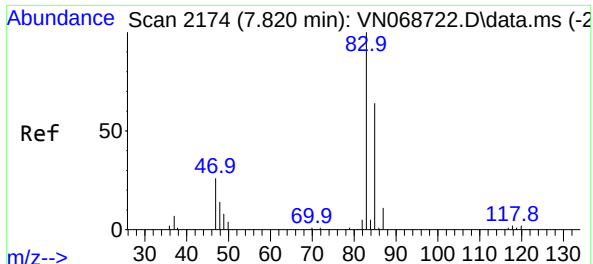


#24

Methyl tert-Butyl Ether
Concen: 45.182 ug/l
RT: 5.618 min Scan# 1353
Delta R.T. 0.003 min
Lab File: VN068723.D
Acq: 28 Sep 2021 16:10

Tgt Ion: 73 Resp: 847183
Ion Ratio Lower Upper
73 100
43 22.4 18.1 27.1





#25

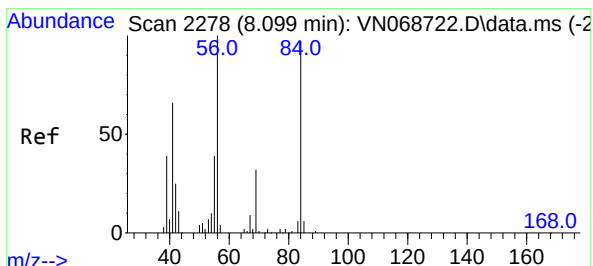
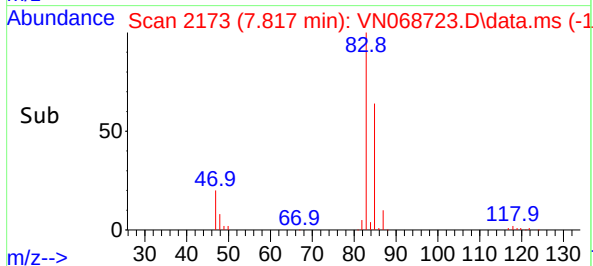
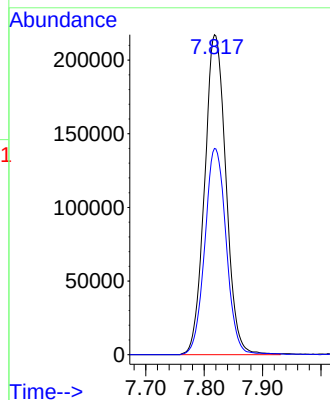
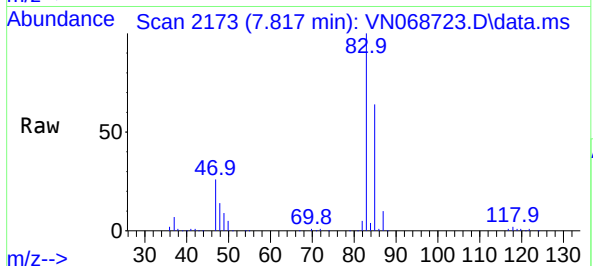
Chloroform
Concen: 45.526 ug/l
RT: 7.817 min Scan# 2173
Delta R.T. -0.003 min
Lab File: VN068723.D
Acq: 28 Sep 2021 16:10

Tgt Ion: 83 Resp: 552296
Ion Ratio Lower Upper
83 100
85 64.4 51.3 76.9

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Manual Integrations
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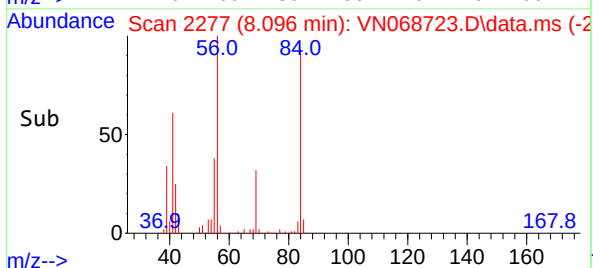
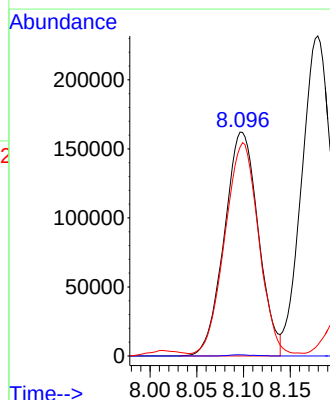
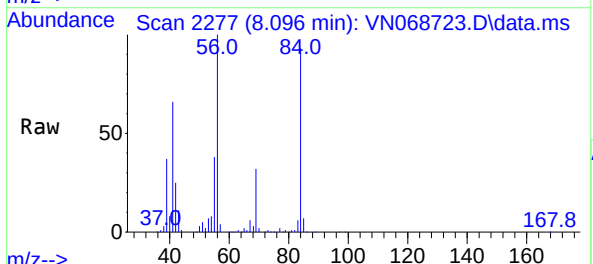
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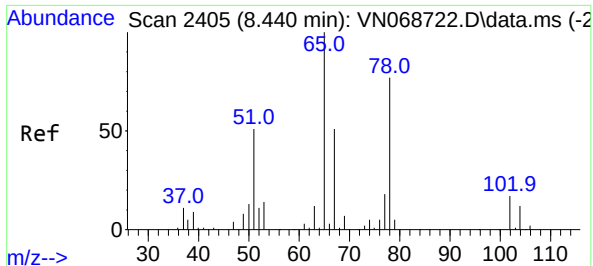


#26

Cyclohexane
Concen: 41.290 ug/l
RT: 8.096 min Scan# 2277
Delta R.T. -0.003 min
Lab File: VN068723.D
Acq: 28 Sep 2021 16:10

Tgt Ion: 56 Resp: 411877
Ion Ratio Lower Upper
56 100
89 0.2 0.1 0.1#
84 95.2 74.6 111.8





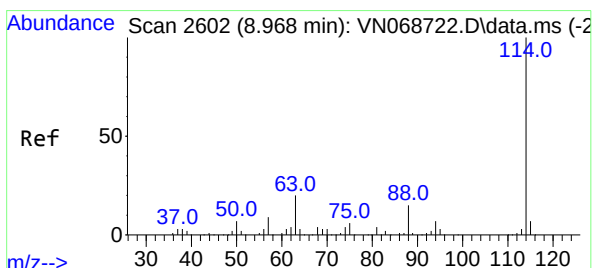
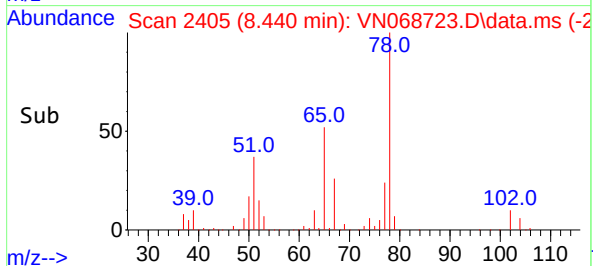
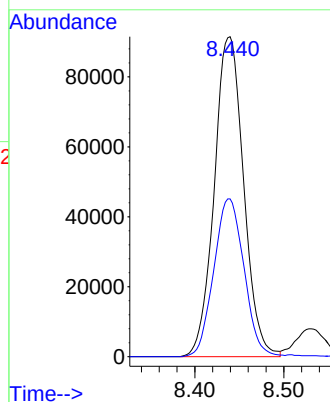
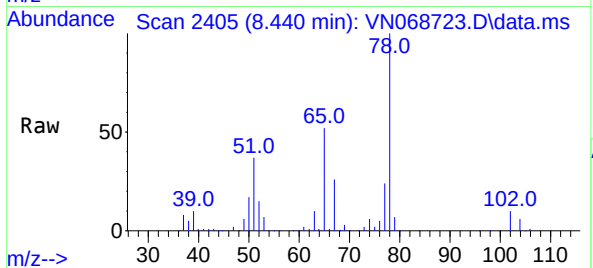
#27
1,2-Dichloroethane-d4
Concen: 25.884 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN068723.D
Acq: 28 Sep 2021 16:10

Tgt Ion: 65 Resp: 209976
Ion Ratio Lower Upper
65 100
67 50.6 40.2 60.2

Instrument :
MSVOA_N
ClientSampled :
VSTDIC050

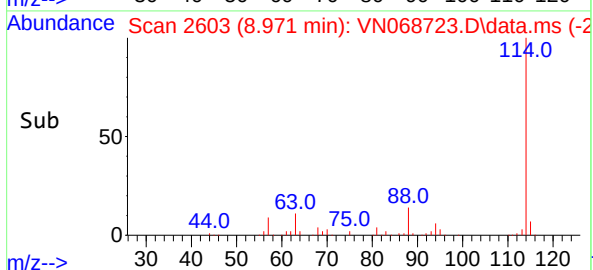
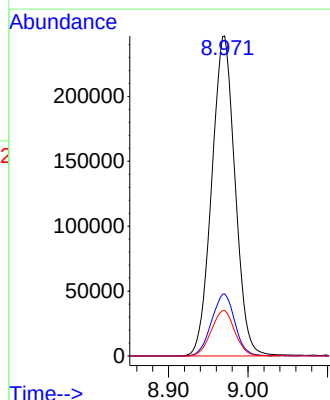
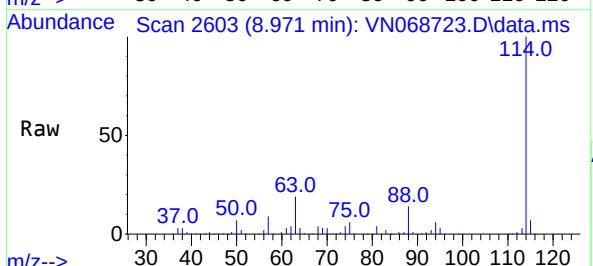
Manual Integrations
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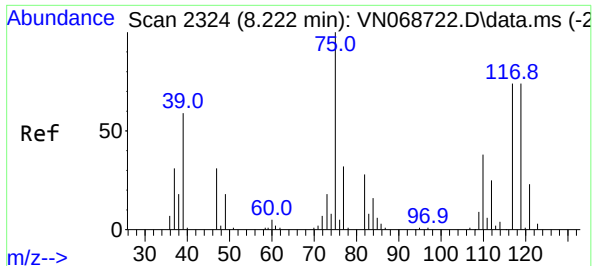
MMDadoda
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#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068723.D
Acq: 28 Sep 2021 16:10

Tgt Ion: 114 Resp: 502512
Ion Ratio Lower Upper
114 100
63 19.4 15.8 23.6
88 14.3 11.6 17.4





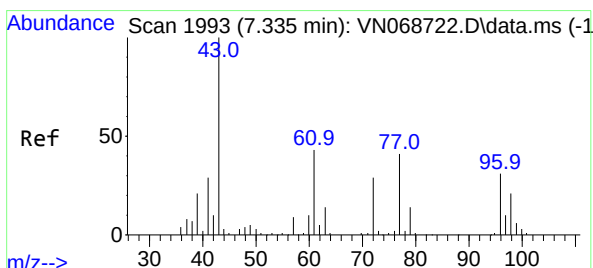
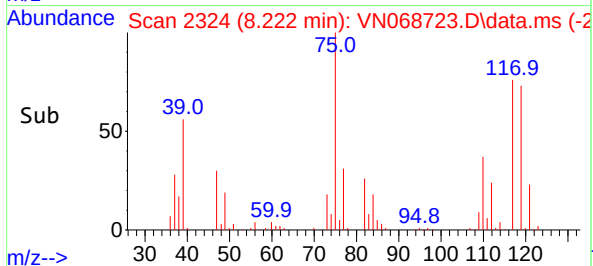
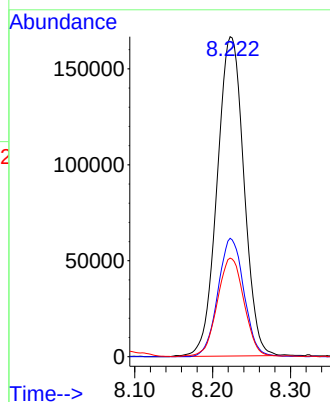
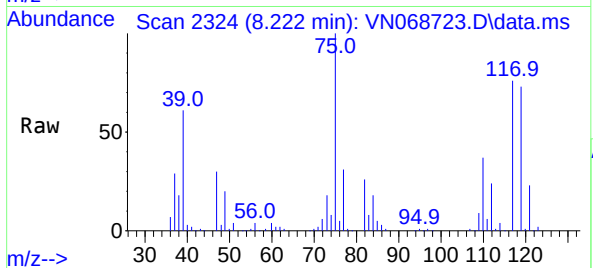
#29
1,1-Dichloropropene
Concen: 41.566 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VN068723.D
Acq: 28 Sep 2021 16:10

Tgt Ion: 75 Resp: 396988
Ion Ratio Lower Upper
75 100
110 36.0 0.0 74.2
77 30.9 0.0 63.2

Instrument :
MSVOA_N
ClientSampled :
VSTDIC050

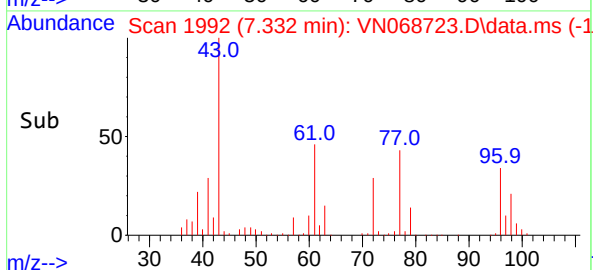
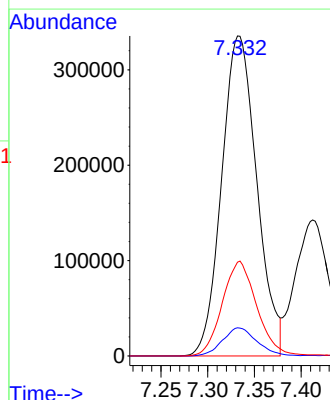
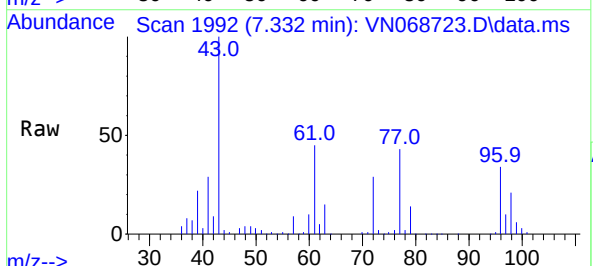
Manual Integrations
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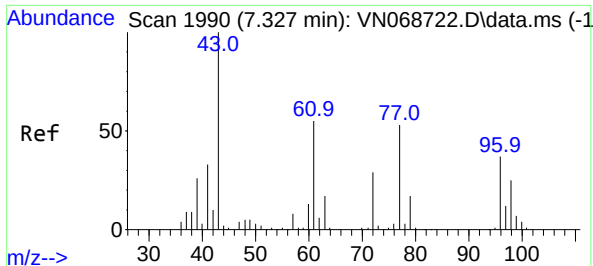
MMDadoda
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#30
2-Butanone
Concen: 199.393 ug/l
RT: 7.332 min Scan# 1992
Delta R.T. -0.003 min
Lab File: VN068723.D
Acq: 28 Sep 2021 16:10

Tgt Ion: 43 Resp: 877209
Ion Ratio Lower Upper
43 100
57 8.6 6.7 10.1
72 29.1 23.2 34.8





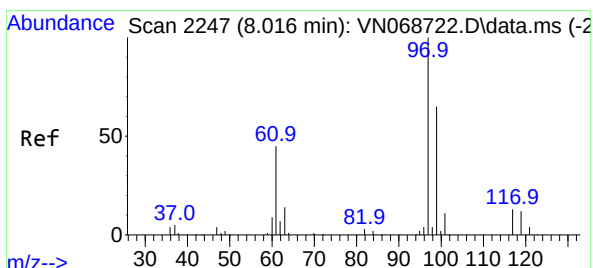
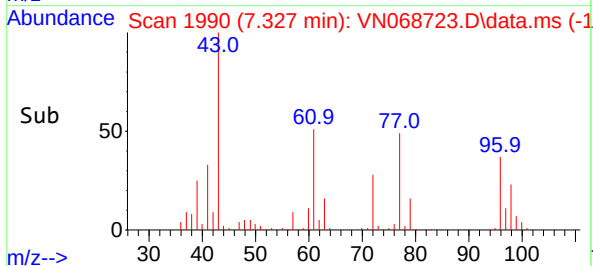
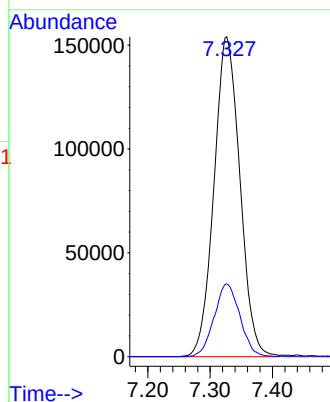
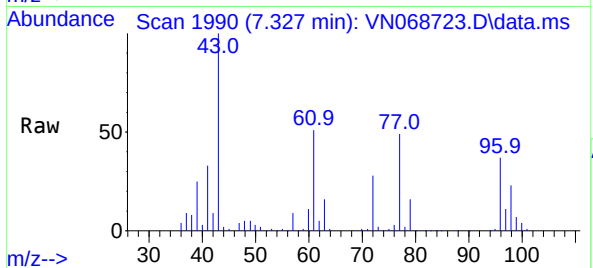
#31
2,2-Dichloropropane
Concen: 46.028 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. 0.000 min
Lab File: VN068723.D
Acq: 28 Sep 2021 16:10

Tgt Ion: 77 Resp: 444706
Ion Ratio Lower Upper
77 100
97 22.6 18.3 27.5

Instrument :
MSVOA_N
ClientSampled :
VSTDIC050

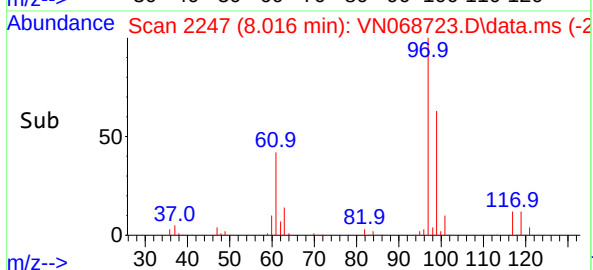
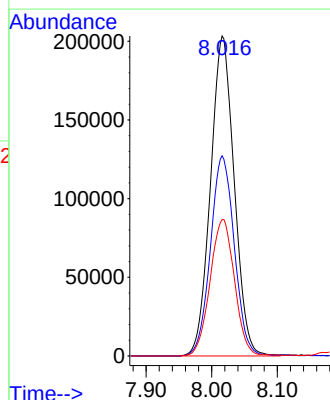
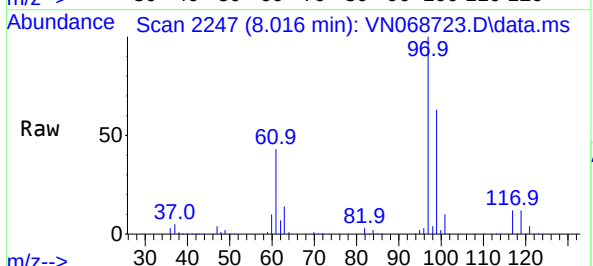
Manual Integrations
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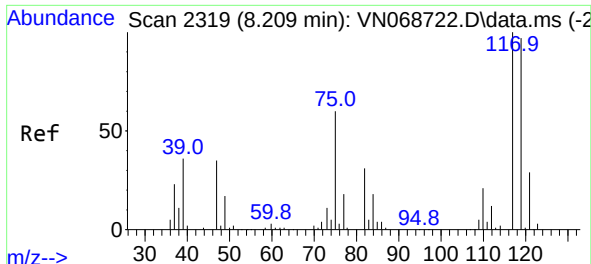
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#32
1,1,1-Trichloroethane
Concen: 46.193 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. 0.000 min
Lab File: VN068723.D
Acq: 28 Sep 2021 16:10

Tgt Ion: 97 Resp: 510193
Ion Ratio Lower Upper
97 100
99 62.9 50.4 75.6
61 43.9 34.6 51.8





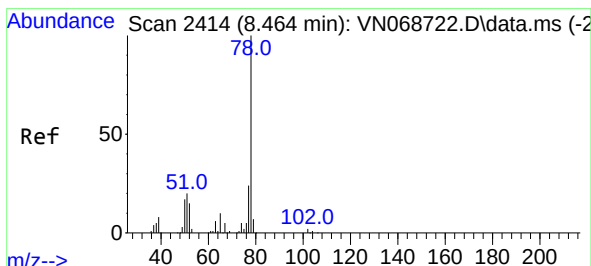
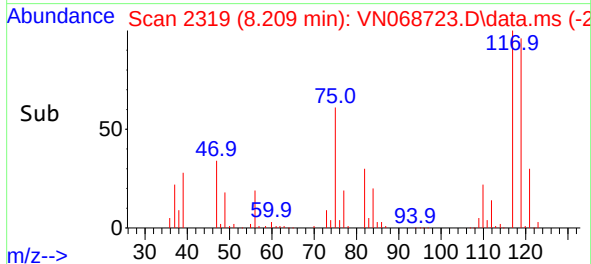
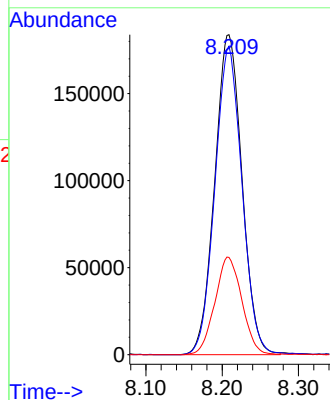
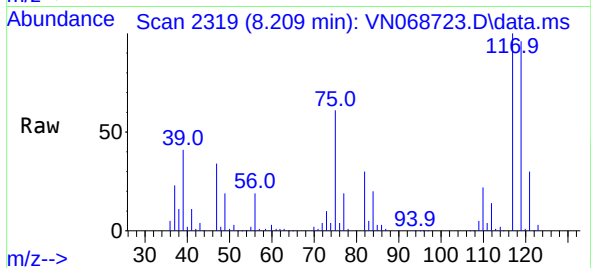
#33
Carbon Tetrachloride
Concen: 44.236 ug/l
RT: 8.209 min Scan# 2319
Delta R.T. 0.000 min
Lab File: VN068723.D
Acq: 28 Sep 2021 16:10

Tgt Ion:117 Resp: 456909
Ion Ratio Lower Upper
117 100
119 96.4 77.5 116.3
121 30.4 23.5 35.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

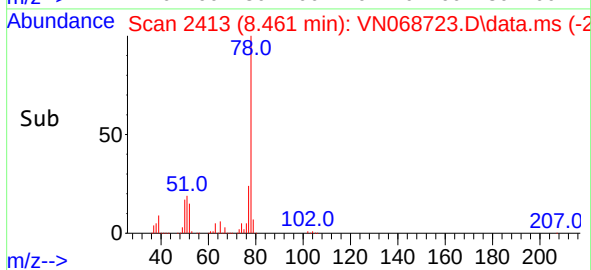
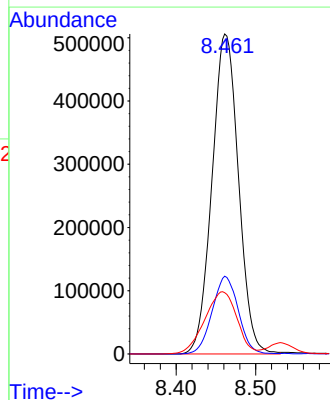
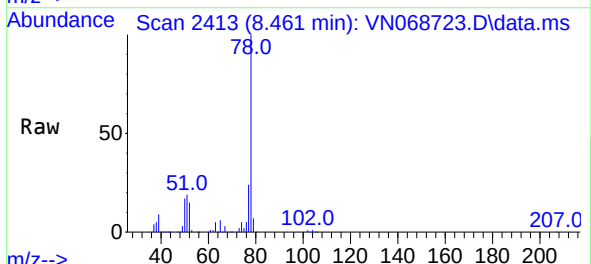
Manual Integrations
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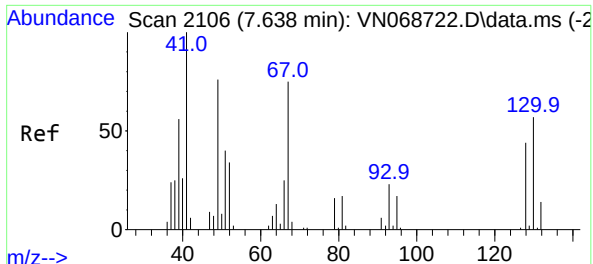
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#34
Benzene
Concen: 45.276 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. -0.003 min
Lab File: VN068723.D
Acq: 28 Sep 2021 16:10

Tgt Ion: 78 Resp: 1170474
Ion Ratio Lower Upper
78 100
77 24.2 19.1 28.7
51 18.6 16.0 24.0





#35
Methacrylonitrile
Concen: 39.866 ug/l
RT: 7.635 min Scan# 2105
Delta R.T. -0.003 min
Lab File: VN068723.D
Acq: 28 Sep 2021 16:10

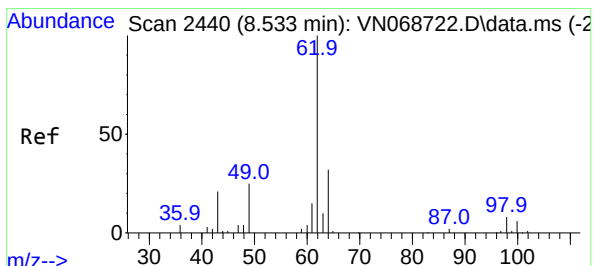
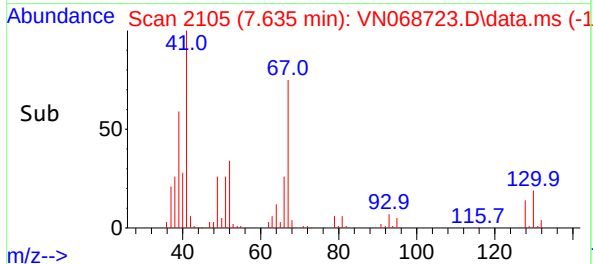
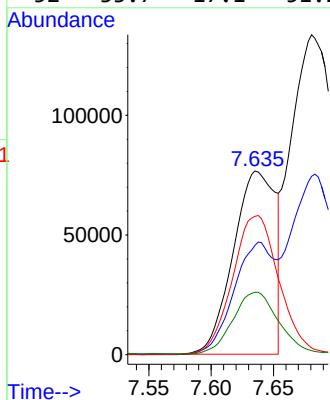
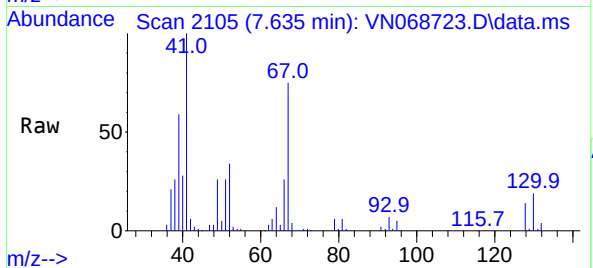
Tgt Ion: 41 Resp: 179219

Ion	Ratio	Lower	Upper
41	100		
39	59.3	28.0	83.9
67	75.4	37.7	113.1
52	33.7	17.1	51.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Manual Integrations
APPROVED

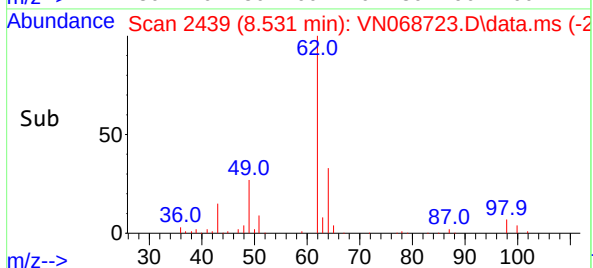
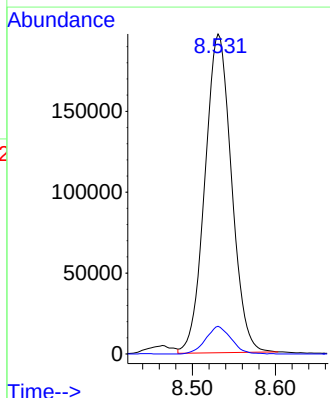
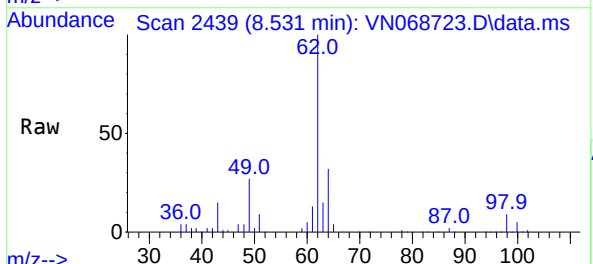
MMDadoda
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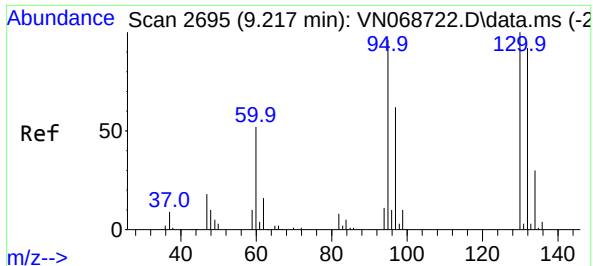


#36
1,2-Dichloroethane
Concen: 43.845 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. -0.003 min
Lab File: VN068723.D
Acq: 28 Sep 2021 16:10

Tgt Ion: 62 Resp: 438476

Ion	Ratio	Lower	Upper
62	100		
98	8.2	6.6	10.0





#37

Trichloroethene

Concen: 47.508 ug/l

RT: 9.217 min Scan# 2695

Delta R.T. 0.000 min

Lab File: VN068723.D

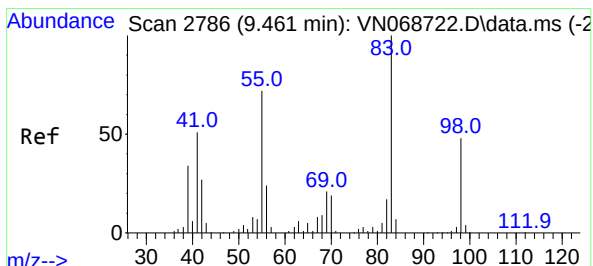
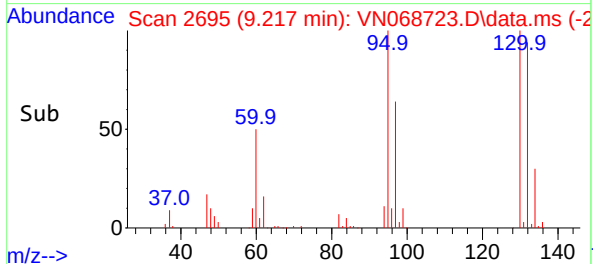
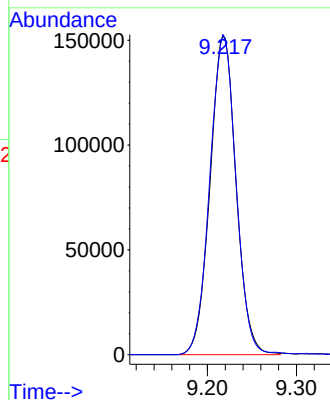
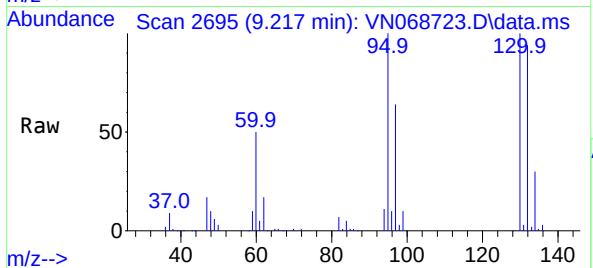
Acq: 28 Sep 2021 16:10

Tgt Ion:130 Resp: 308289

Ion Ratio Lower Upper

130 100

95 100.2 76.6 115.0



#38

Methylcyclohexane

Concen: 41.673 ug/l

RT: 9.461 min Scan# 2786

Delta R.T. 0.000 min

Lab File: VN068723.D

Acq: 28 Sep 2021 16:10

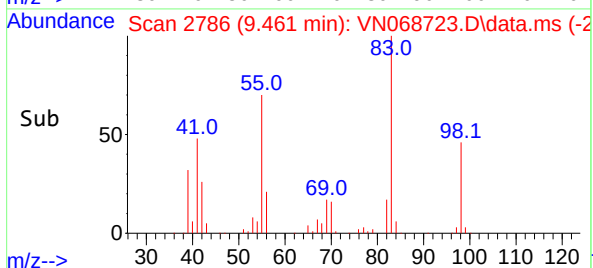
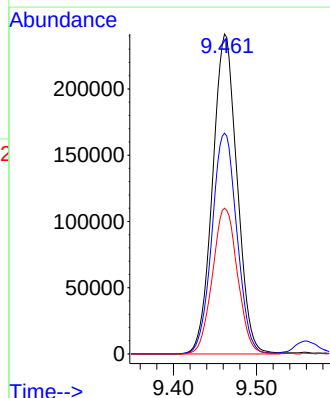
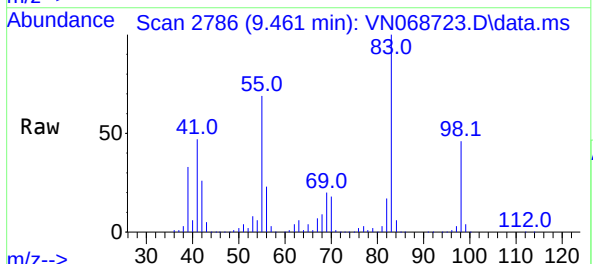
Tgt Ion: 83 Resp: 494808

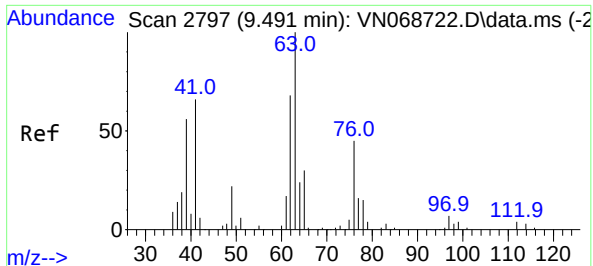
Ion Ratio Lower Upper

83 100

55 70.4 35.1 105.3

98 46.6 23.4 70.2





#39

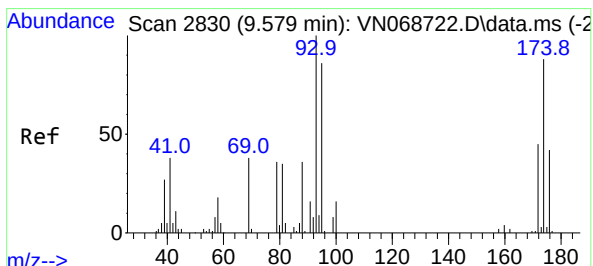
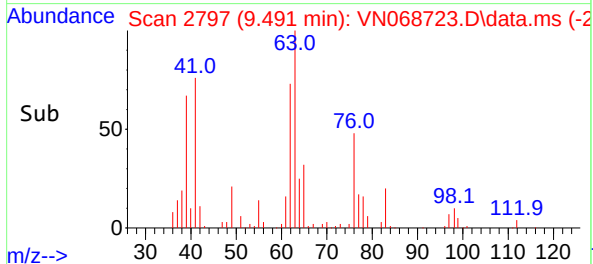
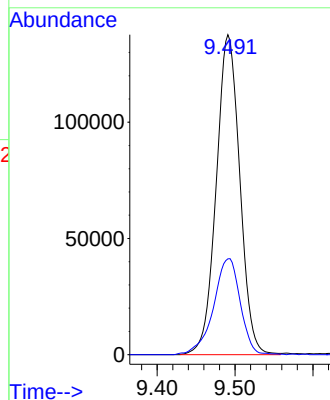
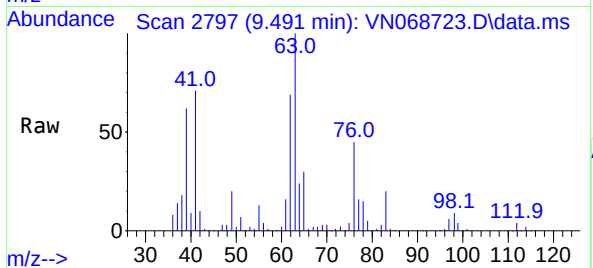
1,2-Dichloropropane
Concen: 39.069 ug/l
RT: 9.491 min Scan# 2797
Delta R.T. 0.000 min
Lab File: VN068723.D
Acq: 28 Sep 2021 16:10

Tgt Ion: 63 Resp: 289243
Ion Ratio Lower Upper
63 100
65 29.8 24.2 36.4

Instrument :
MSVOA_N
ClientSampled :
VSTDIC050

Manual Integrations
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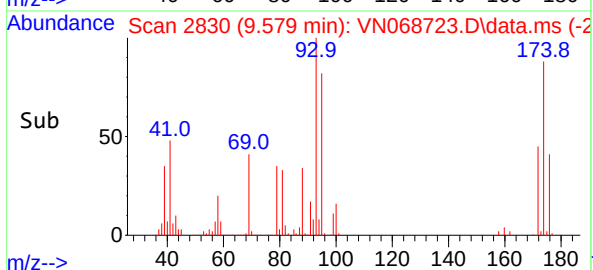
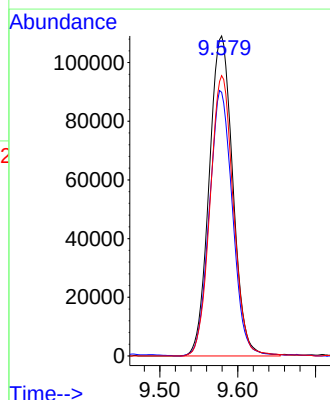
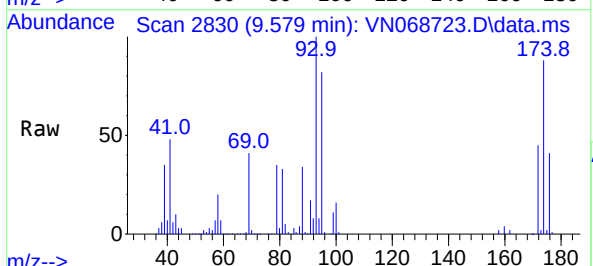
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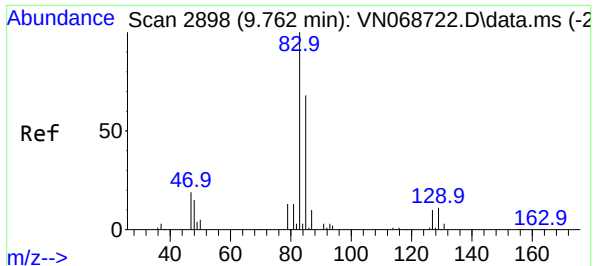


#40

Dibromomethane
Concen: 45.565 ug/l
RT: 9.579 min Scan# 2830
Delta R.T. 0.000 min
Lab File: VN068723.D
Acq: 28 Sep 2021 16:10

Tgt Ion: 93 Resp: 229886
Ion Ratio Lower Upper
93 100
95 81.4 0.0 168.8
174 86.2 0.0 173.6





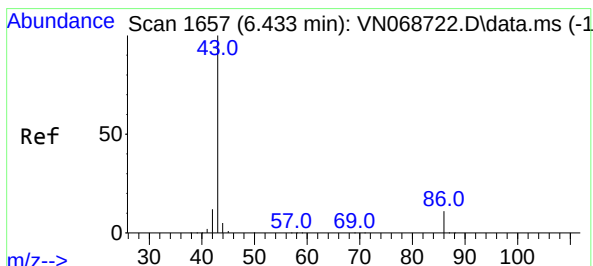
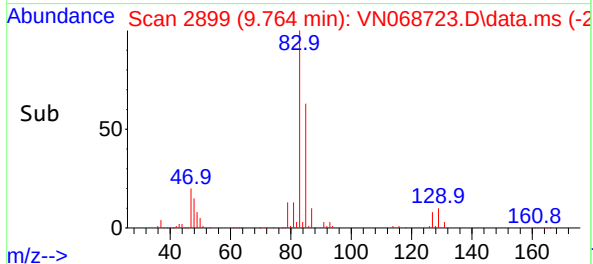
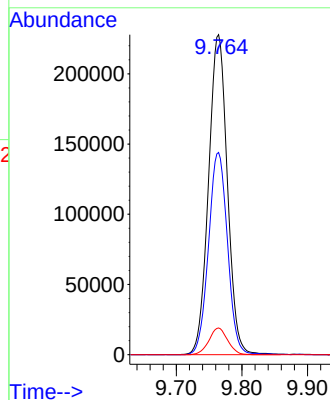
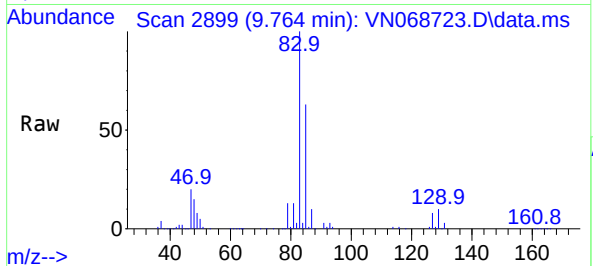
#41
Bromodichloromethane
Concen: 44.910 ug/l
RT: 9.764 min Scan# 2899
Delta R.T. 0.003 min
Lab File: VN068723.D
Acq: 28 Sep 2021 16:10

Tgt Ion: 83 Resp: 454546
Ion Ratio Lower Upper
83 100
85 63.2 54.1 81.1
127 8.3 7.6 11.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

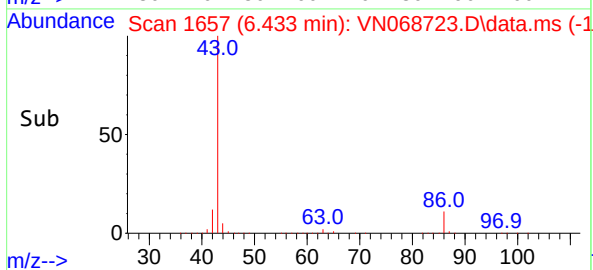
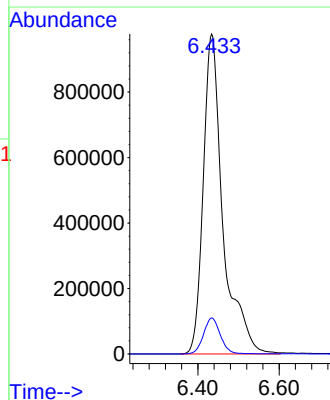
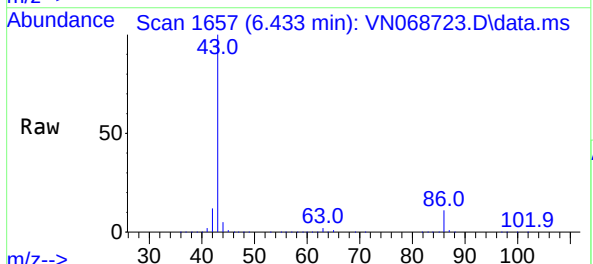
Manual Integrations
APPROVED

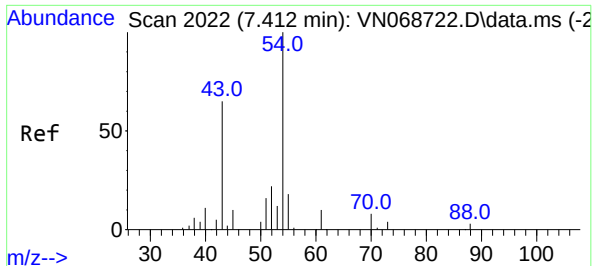
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#42
Vinyl Acetate
Concen: 207.000 ug/l
RT: 6.433 min Scan# 1657
Delta R.T. 0.000 min
Lab File: VN068723.D
Acq: 28 Sep 2021 16:10

Tgt Ion: 43 Resp: 3291549
Ion Ratio Lower Upper
43 100
86 9.6 7.5 11.3





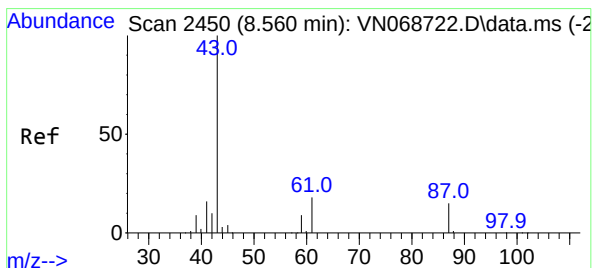
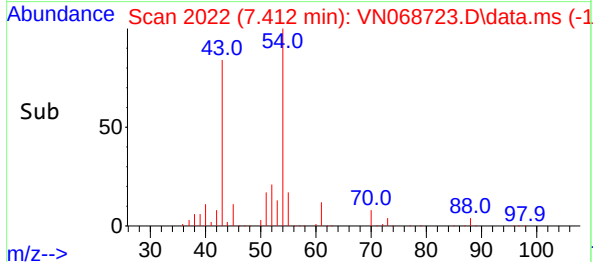
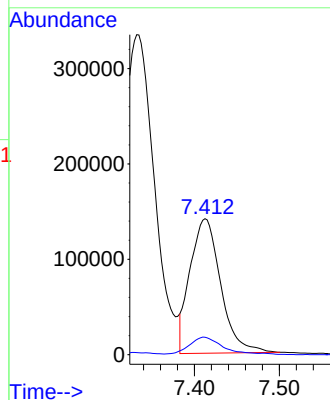
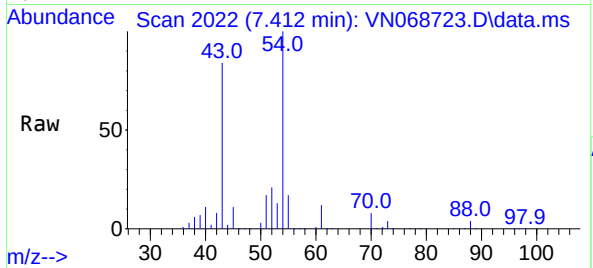
#43
Ethyl Acetate
Concen: 41.061 ug/l
RT: 7.412 min Scan# 2022
Delta R.T. 0.000 min
Lab File: VN068723.D
Acq: 28 Sep 2021 16:10

Tgt Ion: 43 Resp: 352581
Ion Ratio Lower Upper
43 100
45 12.7 10.6 16.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

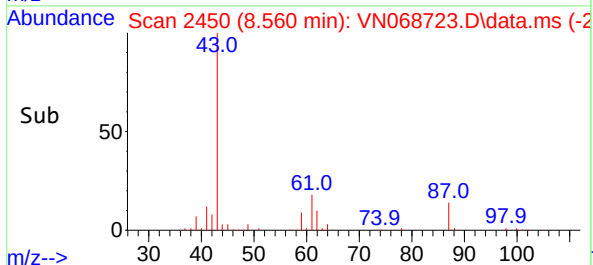
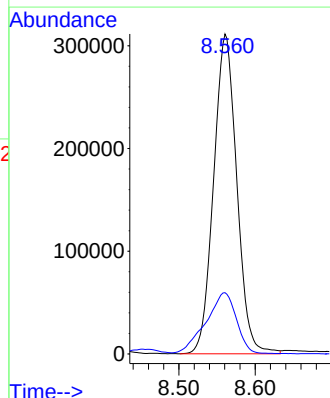
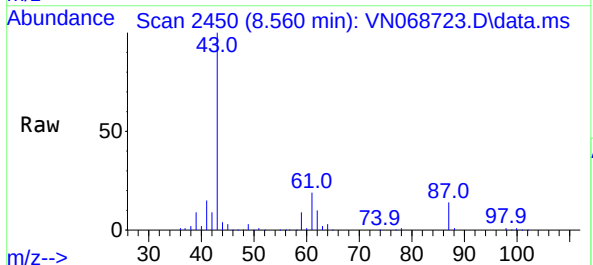
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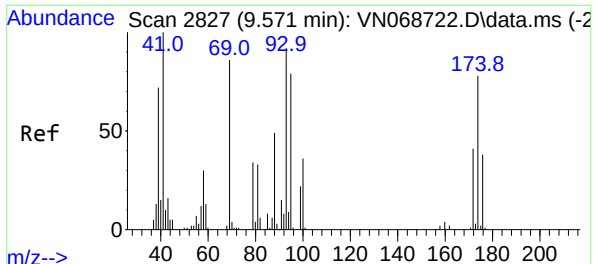
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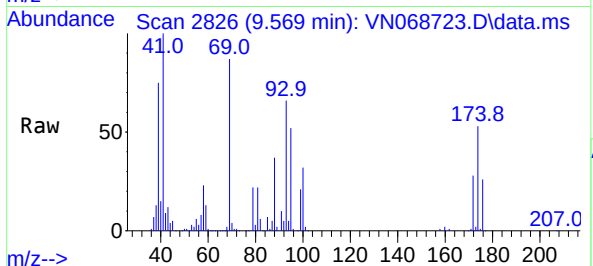
#44
Isopropyl Acetate
Concen: 41.059 ug/l
RT: 8.560 min Scan# 2450
Delta R.T. 0.000 min
Lab File: VN068723.D
Acq: 28 Sep 2021 16:10

Tgt Ion: 43 Resp: 654890
Ion Ratio Lower Upper
43 100
61 25.1 20.1 30.1

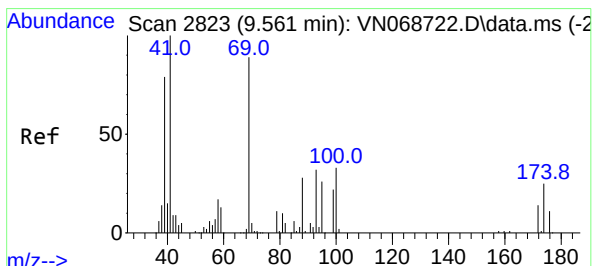
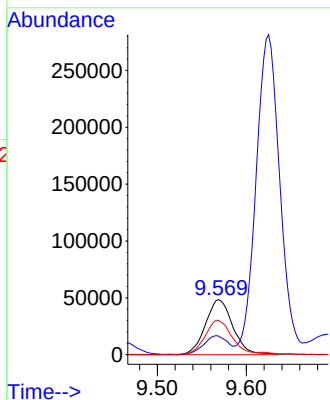
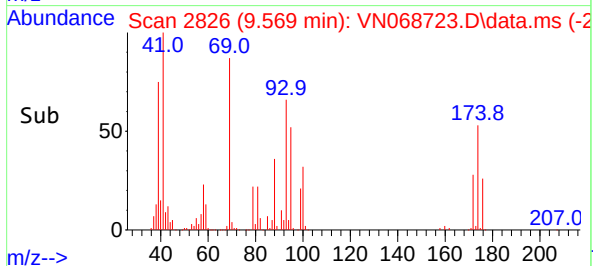




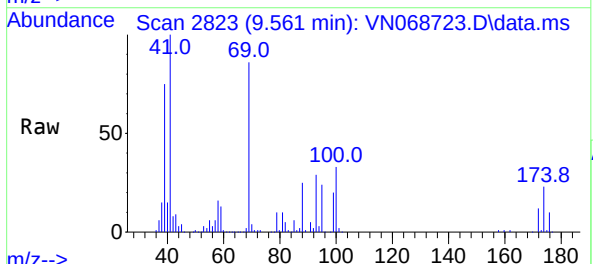
#45
1,4-Dioxane
Concen: 872.991 ug/l
RT: 9.569 min Scan# 2826
Delta R.T. -0.003 min
Lab File: VN068723.D
Acq: 28 Sep 2021 16:10



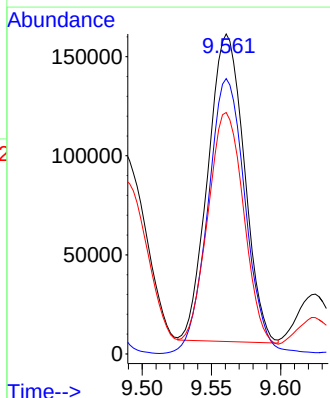
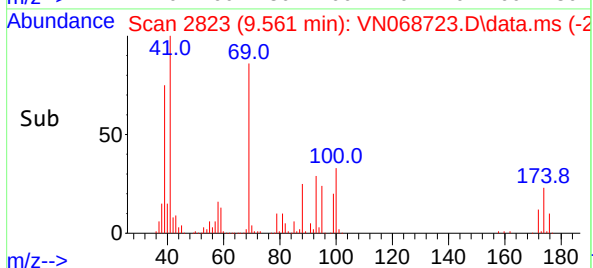
Tgt Ion: 88 Resp: 103360
Ion Ratio Lower Upper
88 100
43 29.3 25.0 37.6
58 61.3 49.4 74.2



#46
Methyl methacrylate
Concen: 35.219 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. 0.000 min
Lab File: VN068723.D
Acq: 28 Sep 2021 16:10



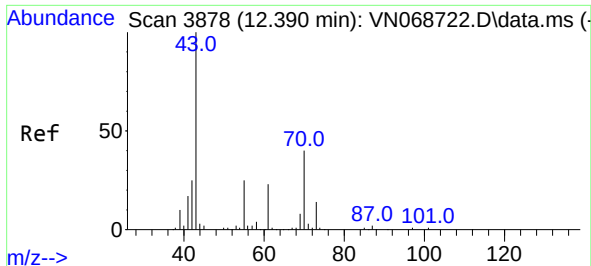
Tgt Ion: 41 Resp: 282010
Ion Ratio Lower Upper
41 100
69 88.2 44.4 133.2
39 75.7 39.9 119.6



Instrument :
MSVOA_N
ClientSampled :
VSTDIC050

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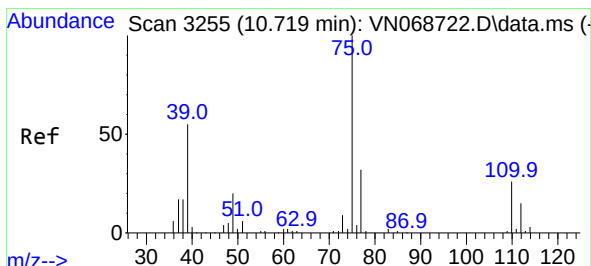
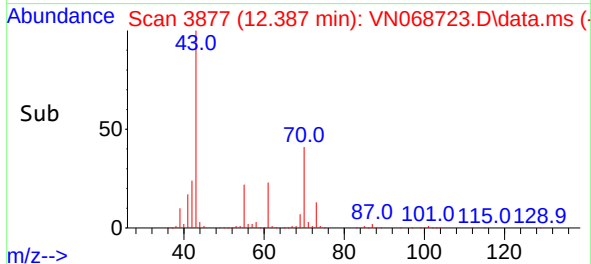
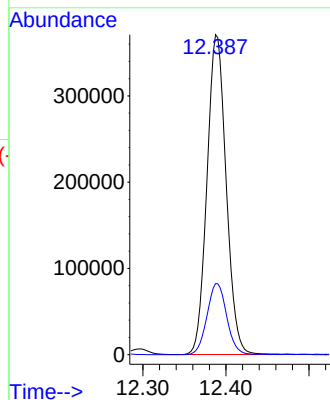
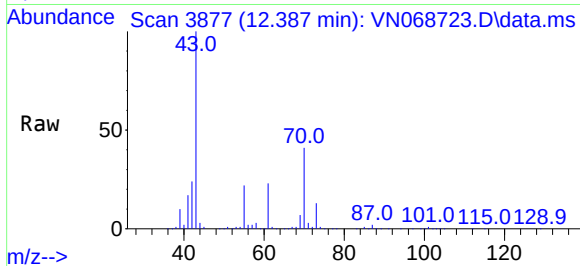
#47
n-amy1 Acetate
Concen: 39.441 ug/l
RT: 12.387 min Scan# 3877
Delta R.T. -0.003 min
Lab File: VN068723.D
Acq: 28 Sep 2021 16:10

Tgt Ion: 43 Resp: 592618
Ion Ratio Lower Upper
43 100
55 22.9 19.0 28.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

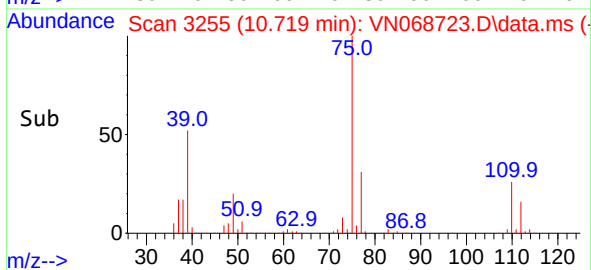
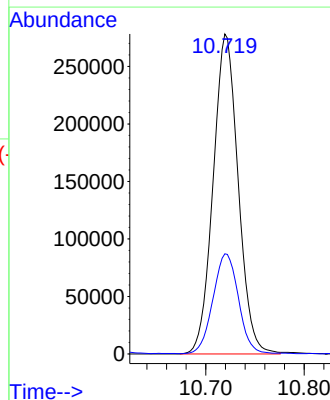
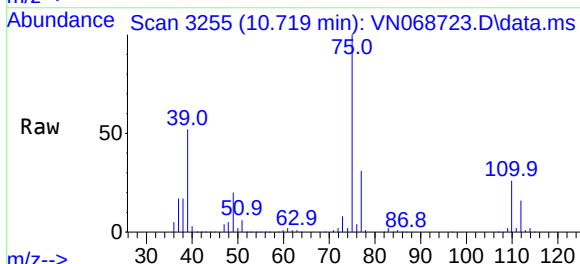
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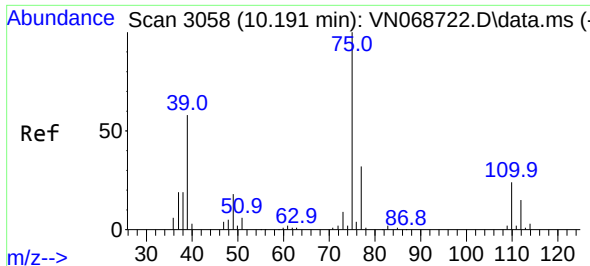
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#48
t-1,3-Dichloropropene
Concen: 44.239 ug/l
RT: 10.719 min Scan# 3255
Delta R.T. 0.000 min
Lab File: VN068723.D
Acq: 28 Sep 2021 16:10

Tgt Ion: 75 Resp: 492623
Ion Ratio Lower Upper
75 100
77 31.2 25.3 37.9





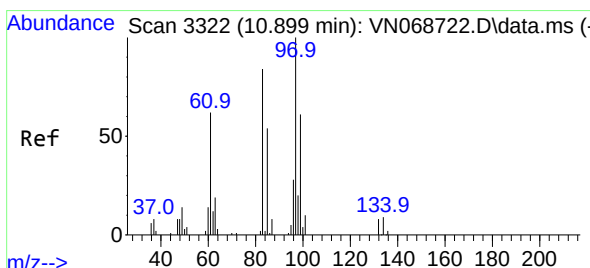
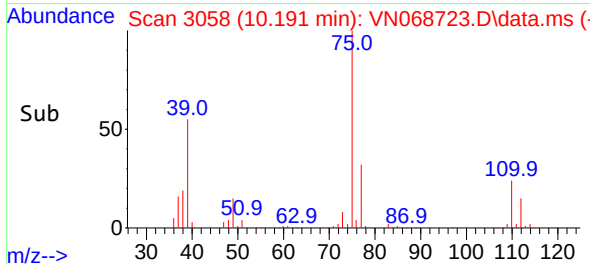
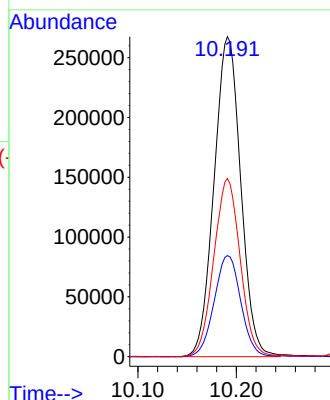
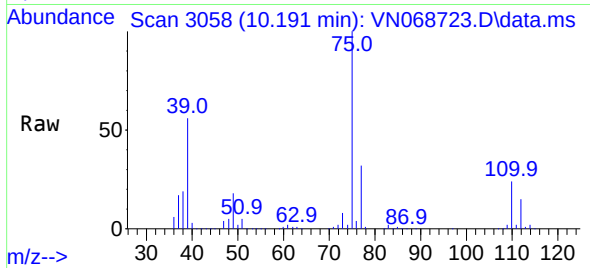
#49
cis-1,3-Dichloropropene
Concen: 44.276 ug/l
RT: 10.191 min Scan# 3058
Delta R.T. 0.000 min
Lab File: VN068723.D
Acq: 28 Sep 2021 16:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion: 75 Resp: 504080
Ion Ratio Lower Upper
75 100
77 31.6 25.3 37.9
39 55.7 46.2 69.4

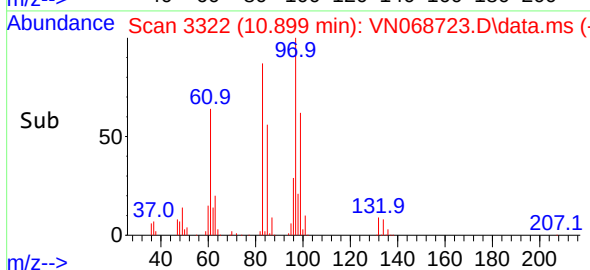
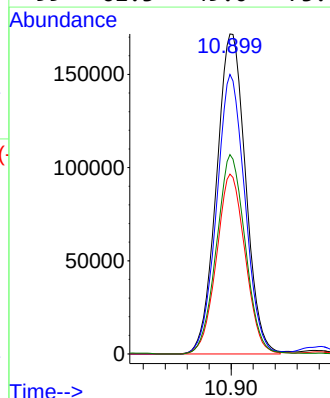
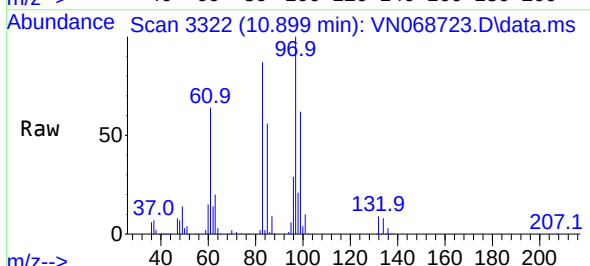
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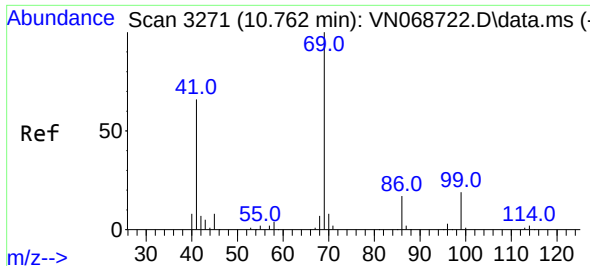
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#50
1,1,2-Trichloroethane
Concen: 45.277 ug/l
RT: 10.899 min Scan# 3322
Delta R.T. 0.000 min
Lab File: VN068723.D
Acq: 28 Sep 2021 16:10

Tgt Ion: 97 Resp: 315173
Ion Ratio Lower Upper
97 100
83 87.4 67.2 100.8
85 56.2 43.0 64.4
99 62.3 49.0 73.4





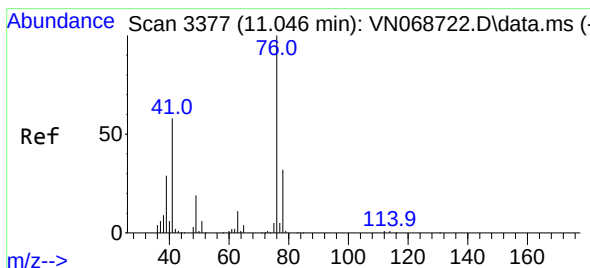
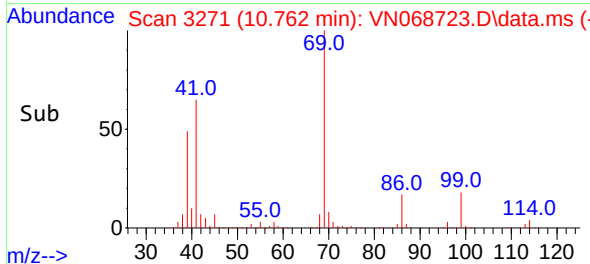
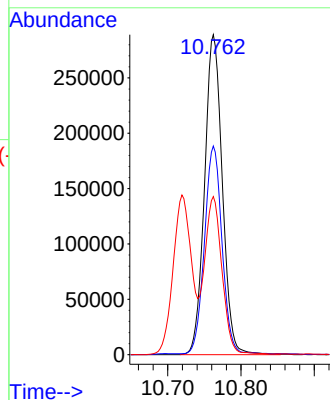
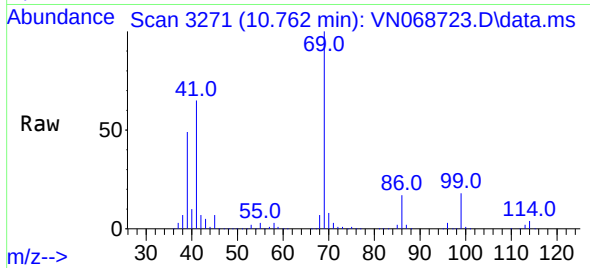
#51
Ethyl methacrylate
Concen: 45.160 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN068723.D
Acq: 28 Sep 2021 16:10

Tgt Ion: 69 Resp: 487258
Ion Ratio Lower Upper
69 100
41 64.9 33.0 98.9
39 49.2 25.4 76.4

Instrument :
MSVOA_N
ClientSampleId :
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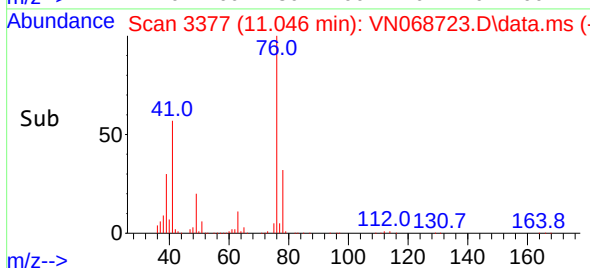
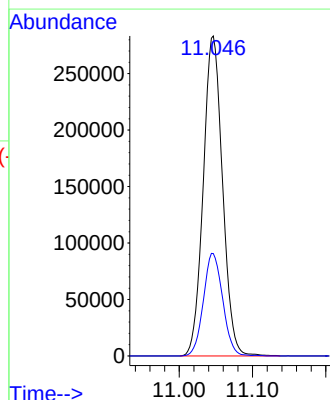
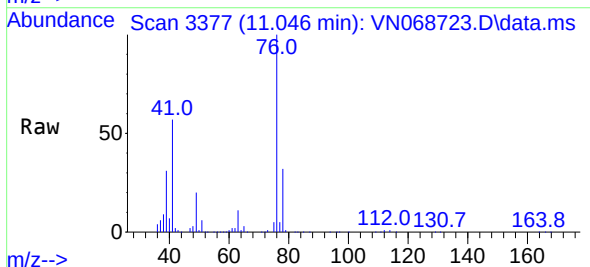
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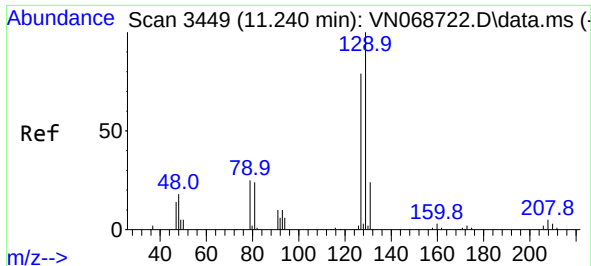
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#52
1,3-Dichloropropane
Concen: 46.342 ug/l
RT: 11.046 min Scan# 3377
Delta R.T. 0.000 min
Lab File: VN068723.D
Acq: 28 Sep 2021 16:10

Tgt Ion: 76 Resp: 517324
Ion Ratio Lower Upper
76 100
78 32.0 0.0 65.4





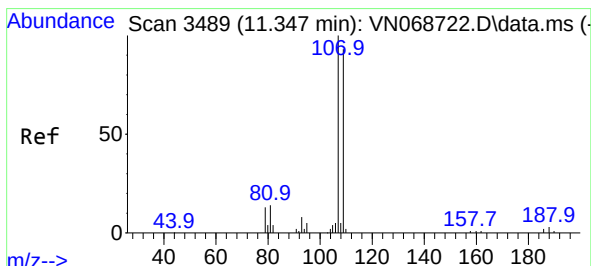
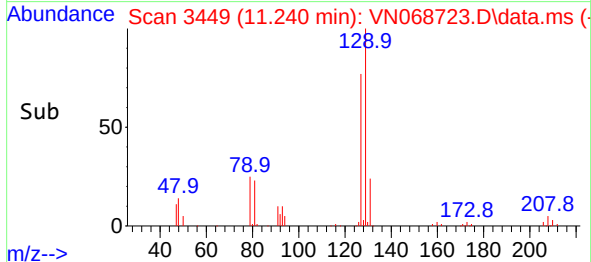
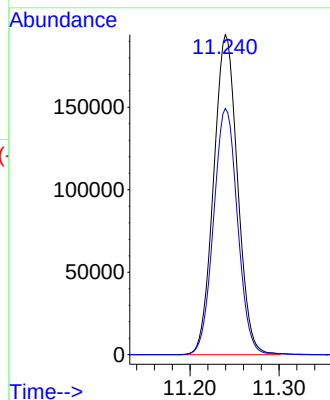
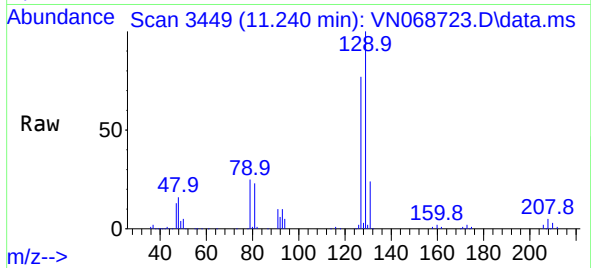
#53
Dibromochloromethane
Concen: 45.631 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. 0.000 min
Lab File: VN068723.D
Acq: 28 Sep 2021 16:10

Tgt Ion:129 Resp: 362962
Ion Ratio Lower Upper
129 100
127 76.9 39.0 117.0

Instrument :
MSVOA_N
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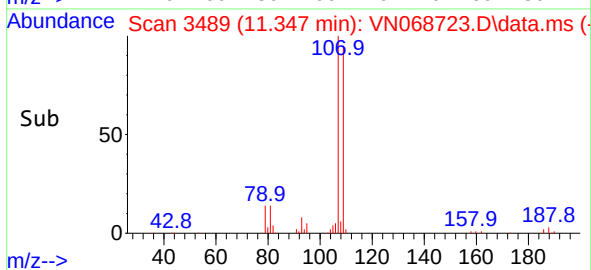
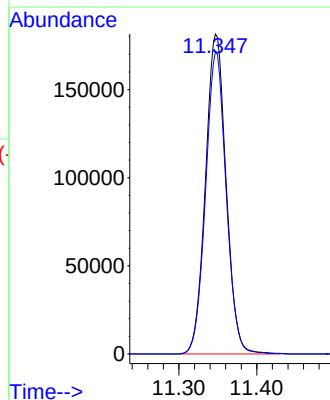
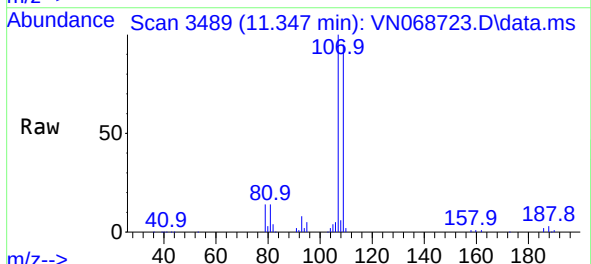
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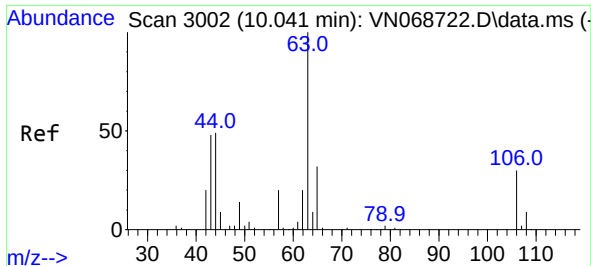
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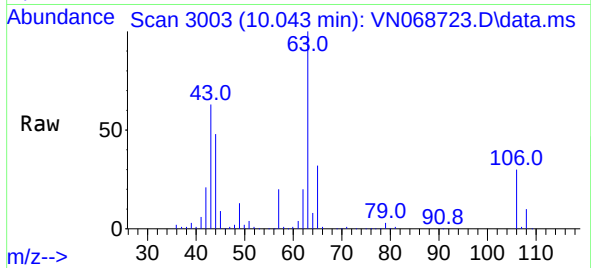
#54
1,2-Dibromoethane
Concen: 46.215 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. 0.000 min
Lab File: VN068723.D
Acq: 28 Sep 2021 16:10

Tgt Ion:107 Resp: 334709
Ion Ratio Lower Upper
107 100
109 93.9 72.8 109.2

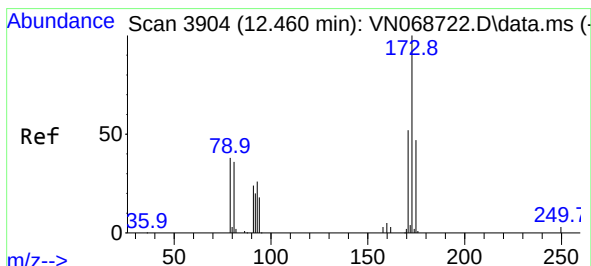
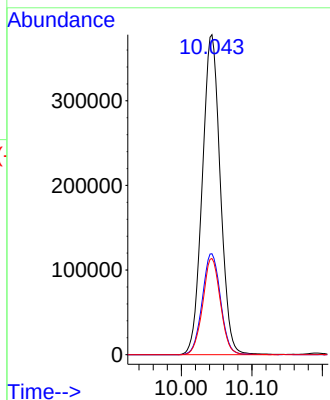
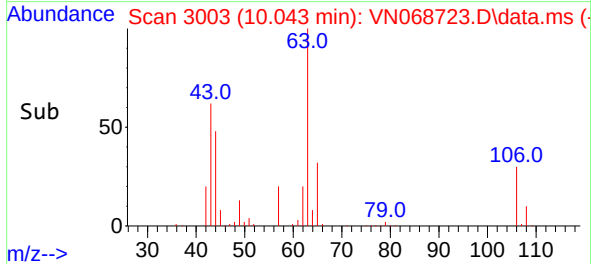




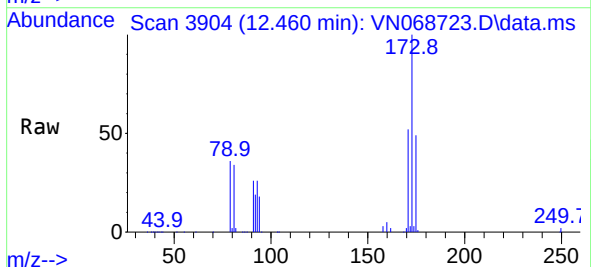
#55
2-Chloroethyl vinyl ether
Concen: 213.370 ug/l
RT: 10.043 min Scan# 3003
Delta R.T. 0.003 min
Lab File: VN068723.D
Acq: 28 Sep 2021 16:10



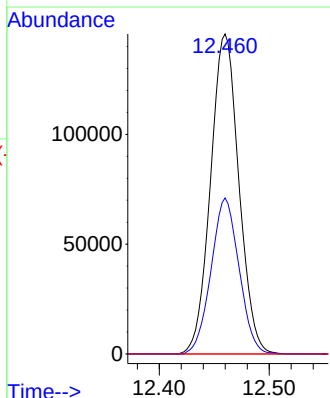
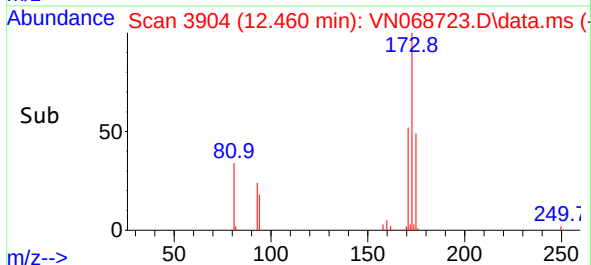
Tgt Ion: 63 Resp: 670606
Ion Ratio Lower Upper
63 100
65 32.0 25.4 38.0
106 29.5 23.2 34.8



#56
Bromoform
Concen: 44.911 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. 0.000 min
Lab File: VN068723.D
Acq: 28 Sep 2021 16:10



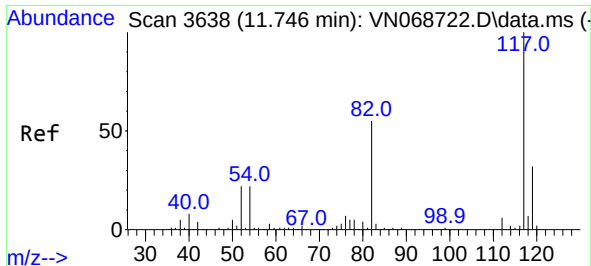
Tgt Ion: 173 Resp: 260608
Ion Ratio Lower Upper
173 100
175 48.2 38.6 58.0
254 0.0 0.0 0.0



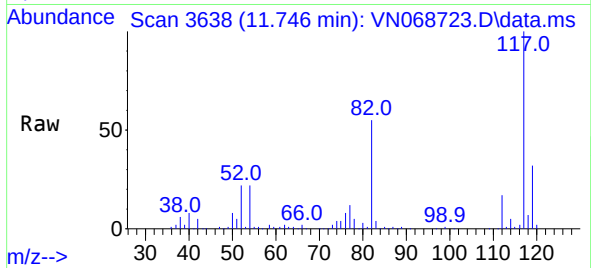
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

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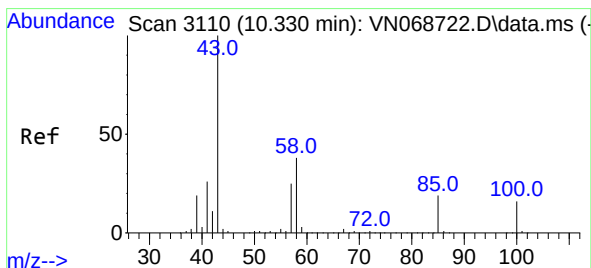
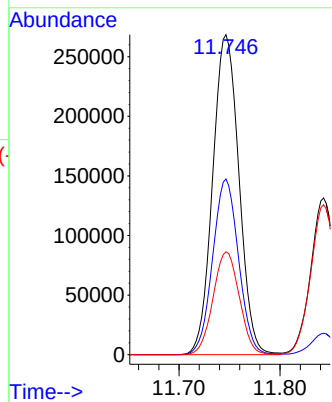
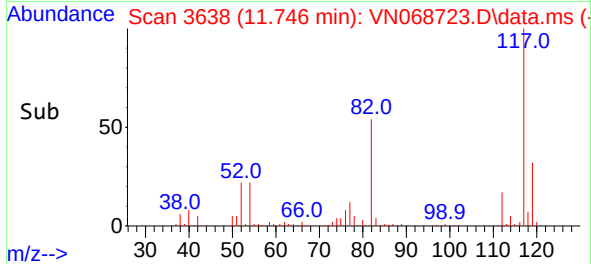
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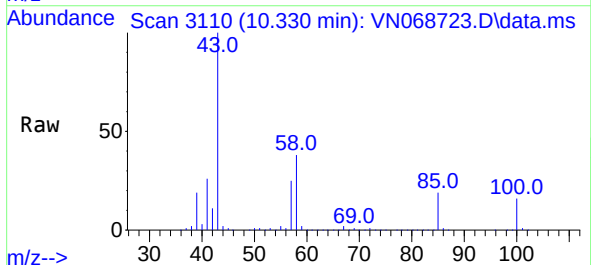
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN068723.D
Acq: 28 Sep 2021 16:10



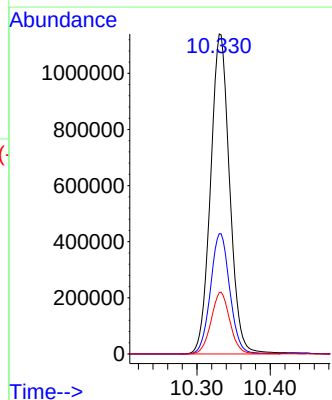
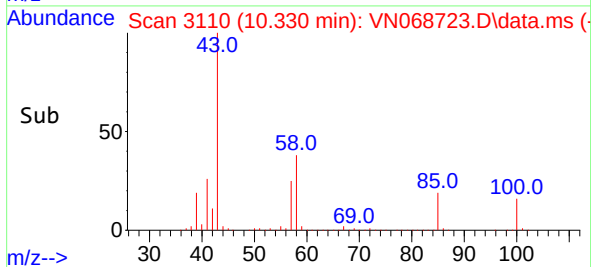
Tgt Ion: 117 Resp: 484912
Ion Ratio Lower Upper
117 100
82 54.2 43.6 65.4
119 32.1 25.8 38.6



#58
4-Methyl-2-Pentanone
Concen: 205.295 ug/l
RT: 10.330 min Scan# 3110
Delta R.T. 0.000 min
Lab File: VN068723.D
Acq: 28 Sep 2021 16:10



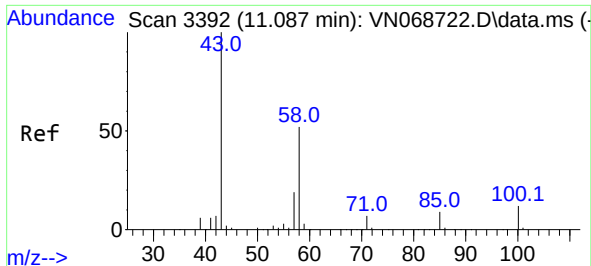
Tgt Ion: 43 Resp: 2063259
Ion Ratio Lower Upper
43 100
58 38.2 30.0 45.0
85 19.1 15.0 22.6



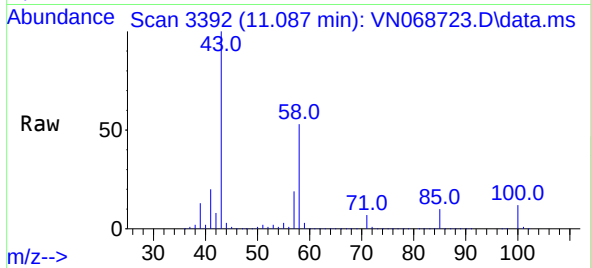
Instrument :
MSVOA_N
ClientSampled :
VSTDIC050

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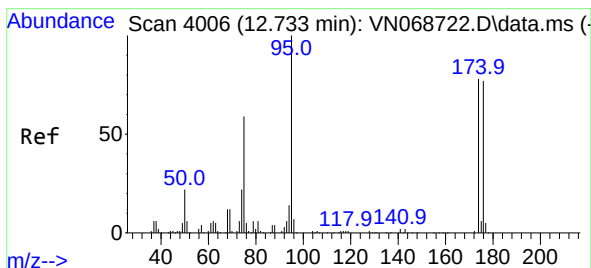
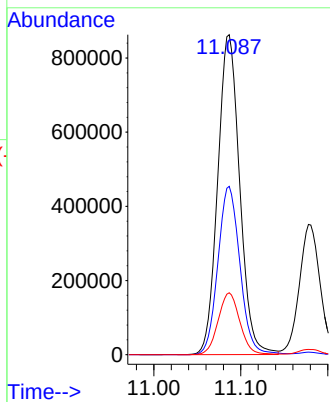
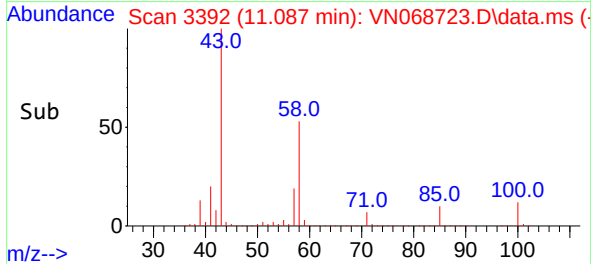
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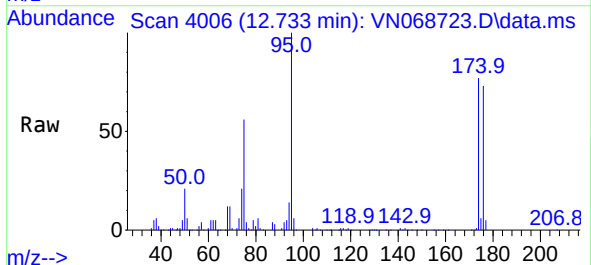
#59
2-Hexanone
Concen: 197.977 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. 0.000 min
Lab File: VN068723.D
Acq: 28 Sep 2021 16:10



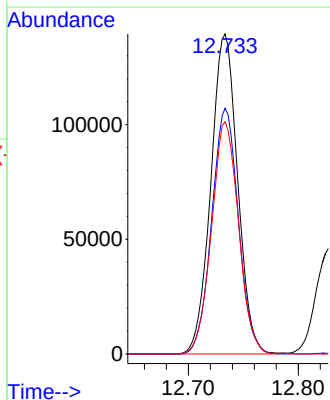
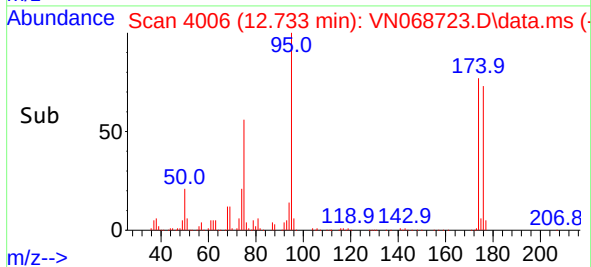
Tgt Ion: 43 Resp: 1516017
Ion Ratio Lower Upper
43 100
58 52.8 42.2 63.2
57 19.1 15.0 22.4



#60
4-Bromofluorobenzene
Concen: 27.492 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN068723.D
Acq: 28 Sep 2021 16:10



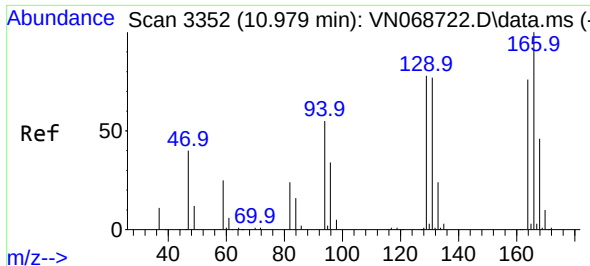
Tgt Ion: 95 Resp: 235852
Ion Ratio Lower Upper
95 100
174 76.6 62.9 94.3
176 73.2 61.0 91.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

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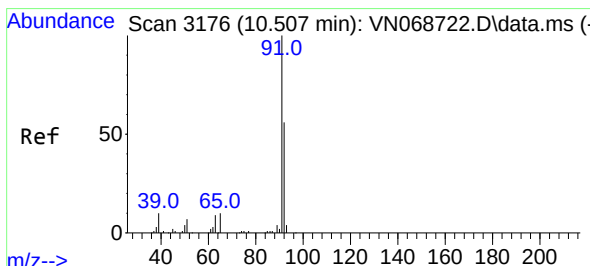
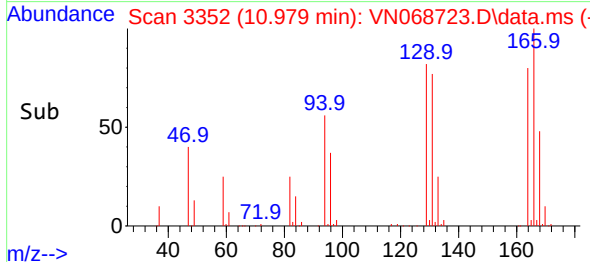
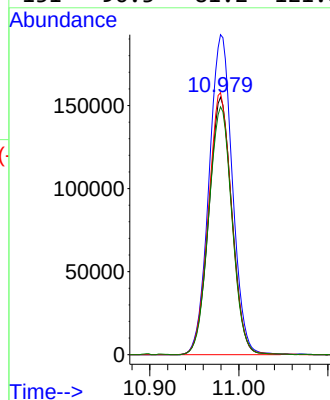
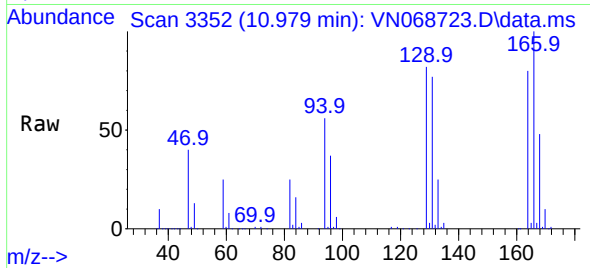
#61
Tetrachloroethene
Concen: 47.099 ug/l
RT: 10.979 min Scan# 3352
Delta R.T. 0.000 min
Lab File: VN068723.D
Acq: 28 Sep 2021 16:10

Tgt Ion:164 Resp: 279911
Ion Ratio Lower Upper
164 100
166 124.3 105.8 158.8
129 101.6 82.5 123.7
131 96.3 81.2 121.8

Instrument :
MSVOA_N
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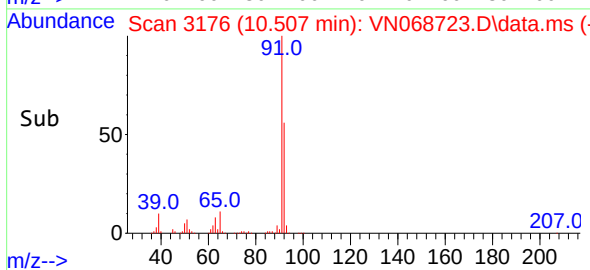
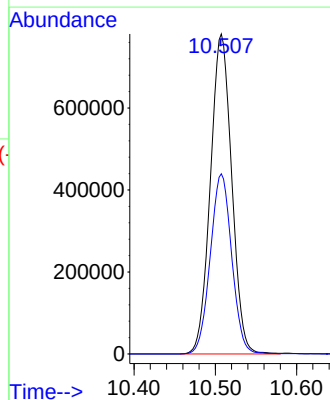
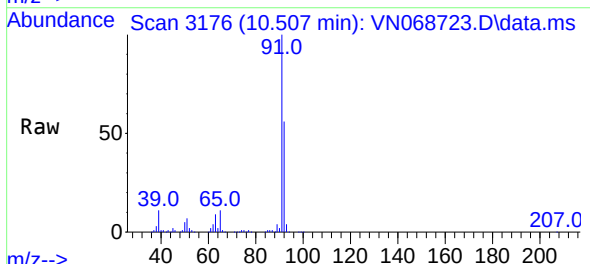
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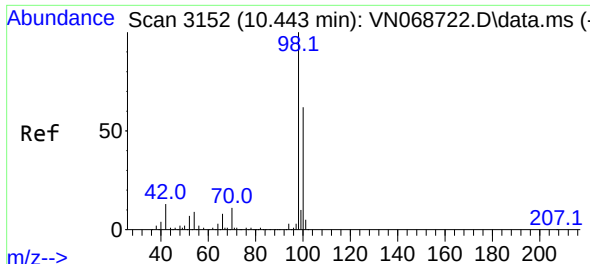
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#62
Toluene
Concen: 45.861 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. 0.000 min
Lab File: VN068723.D
Acq: 28 Sep 2021 16:10

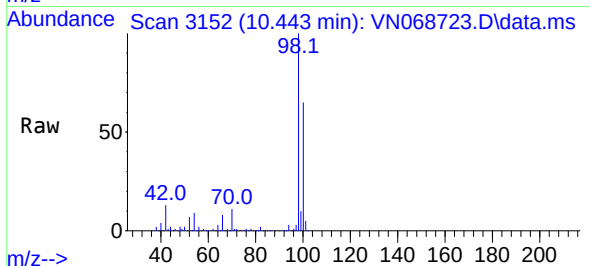
Tgt Ion: 91 Resp: 1421225
Ion Ratio Lower Upper
91 100
92 56.7 44.6 67.0



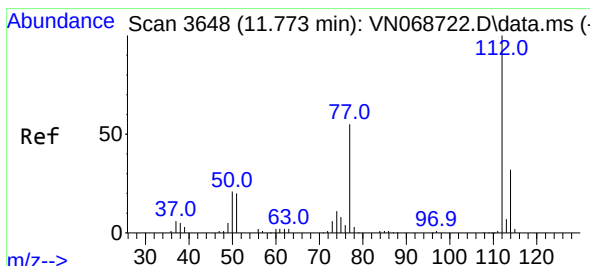
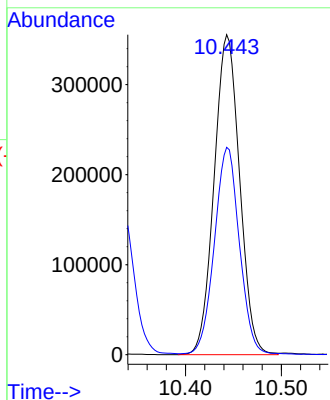
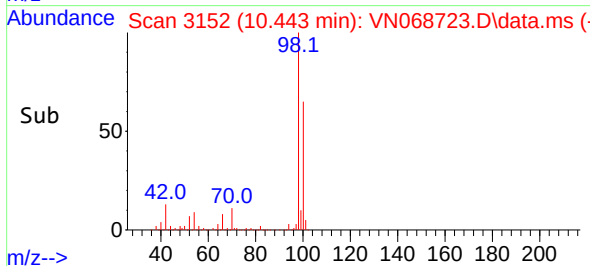


#63
Toluene-d8
Concen: 29.037 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068723.D
Acq: 28 Sep 2021 16:10

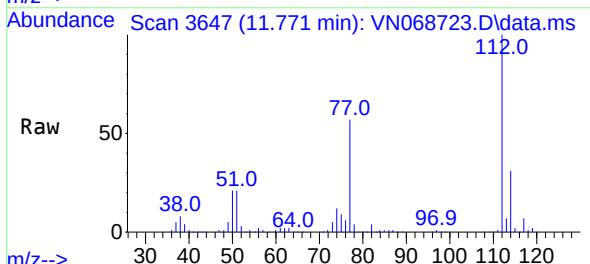
Instrument :
MSVOA_N
ClientSampleId :
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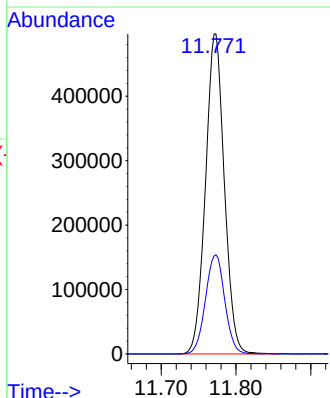
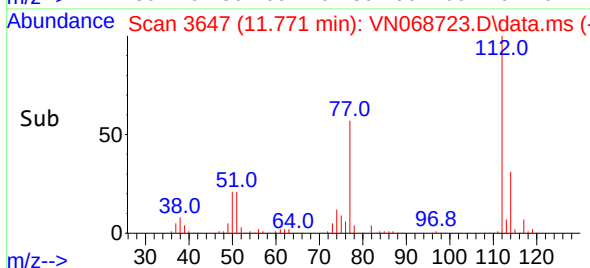
Tgt Ion: 98 Resp: 655831
Ion Ratio Lower Upper
98 100
100 63.6 50.6 76.0

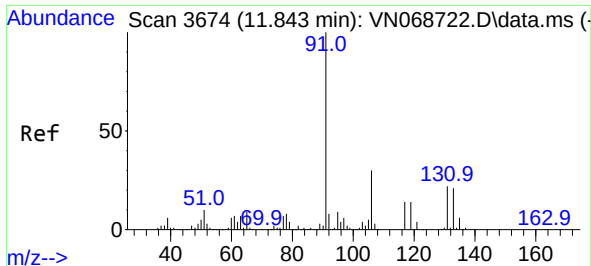


#64
Chlorobenzene
Concen: 48.492 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.003 min
Lab File: VN068723.D
Acq: 28 Sep 2021 16:10

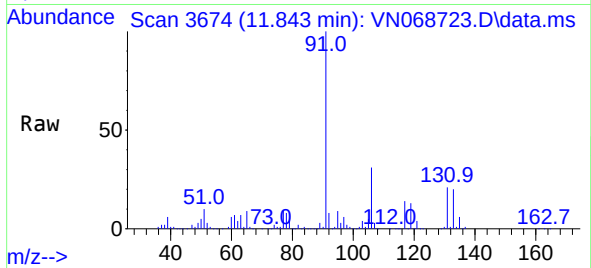


Tgt Ion: 112 Resp: 868350
Ion Ratio Lower Upper
112 100
114 30.6 25.8 38.6

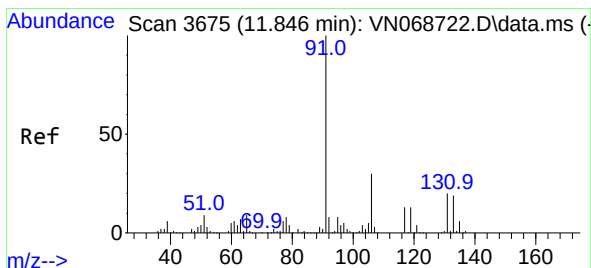
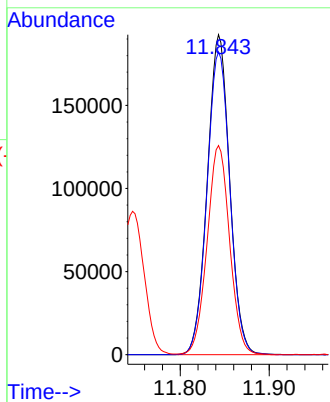
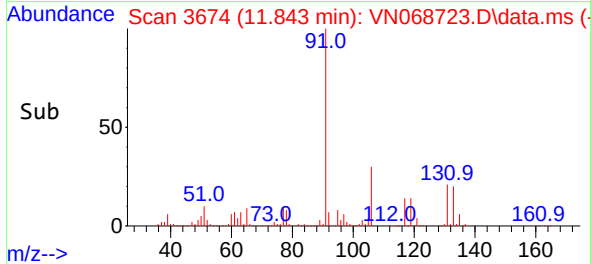




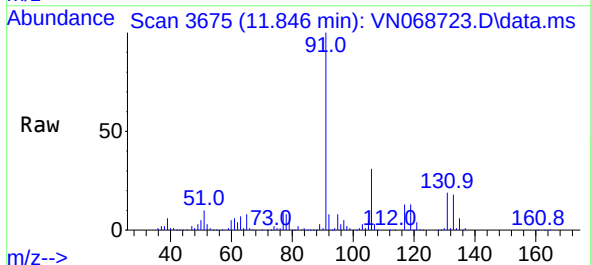
#65
1,1,1,2-Tetrachloroethane
Concen: 46.084 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN068723.D
Acq: 28 Sep 2021 16:10



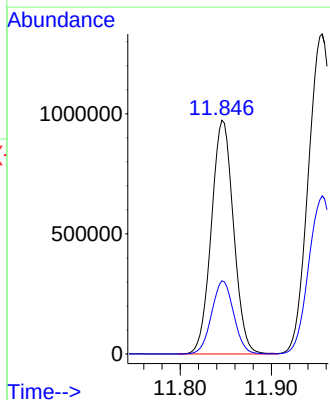
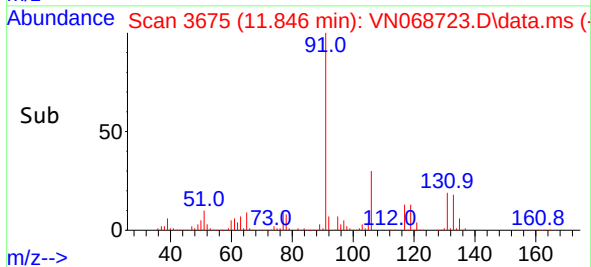
Tgt Ion:131 Resp: 336465
Ion Ratio Lower Upper
131 100
133 96.7 0.0 191.2
119 65.9 0.0 128.8



#66
Ethyl Benzene
Concen: 46.876 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. 0.000 min
Lab File: VN068723.D
Acq: 28 Sep 2021 16:10



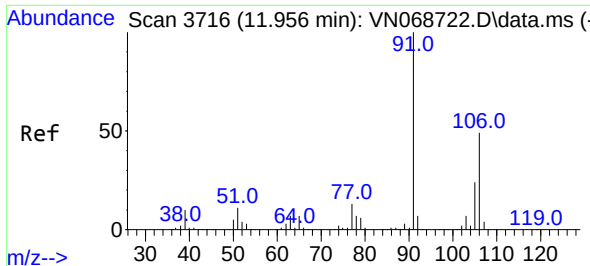
Tgt Ion: 91 Resp: 1645105
Ion Ratio Lower Upper
91 100
106 31.3 24.0 36.0



Instrument :
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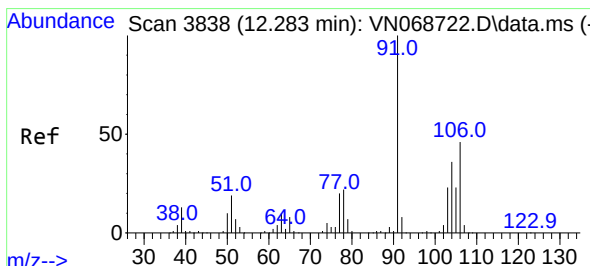
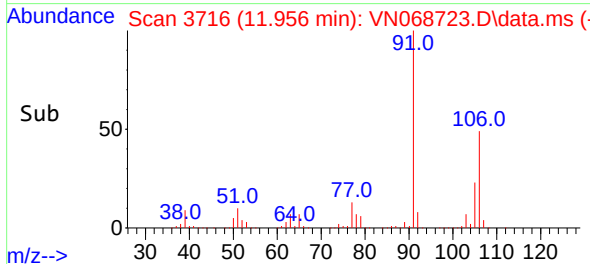
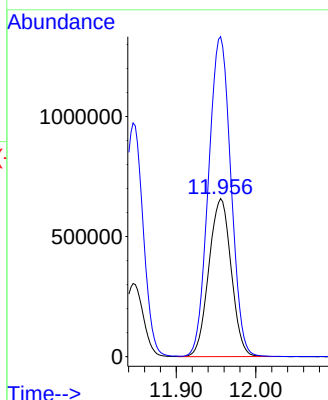
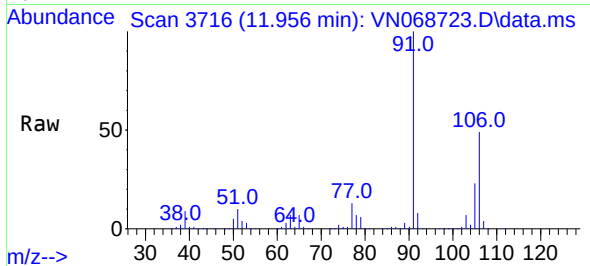
#67
m/p-Xylenes
Concen: 94.168 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. 0.000 min
Lab File: VN068723.D
Acq: 28 Sep 2021 16:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion:106 Resp: 1283772
Ion Ratio Lower Upper
106 100
91 203.4 162.9 244.3

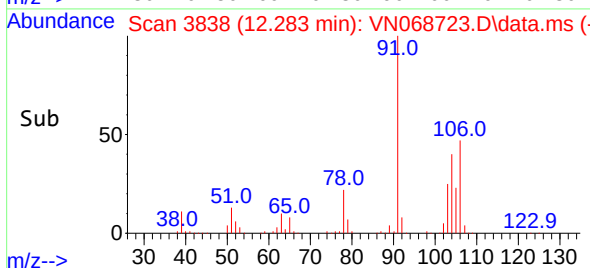
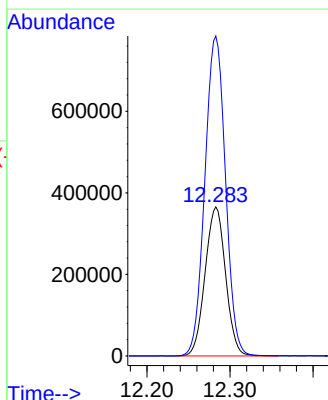
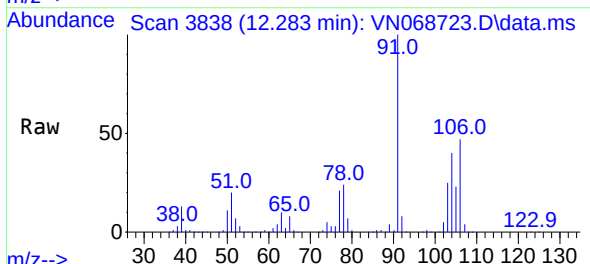
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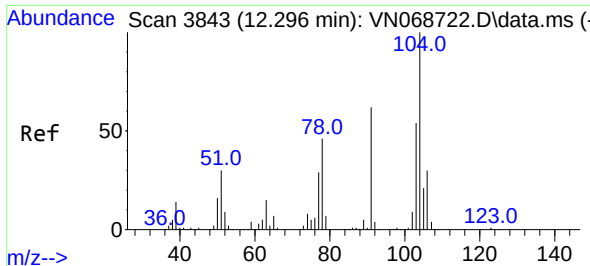
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#68
o-Xylene
Concen: 44.929 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. 0.000 min
Lab File: VN068723.D
Acq: 28 Sep 2021 16:10

Tgt Ion:106 Resp: 625351
Ion Ratio Lower Upper
106 100
91 216.1 107.7 323.1





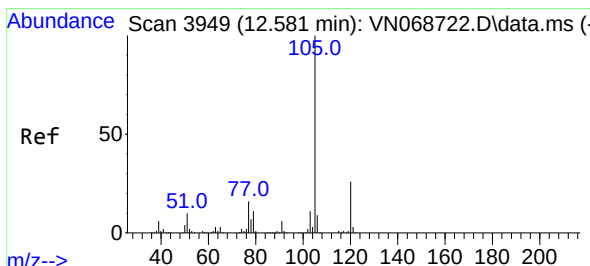
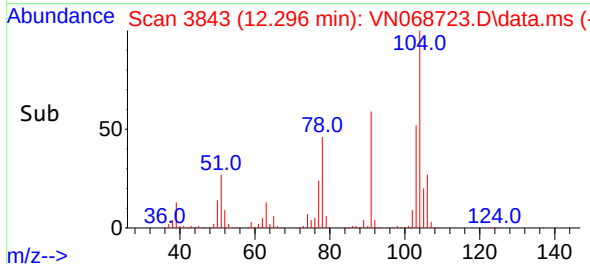
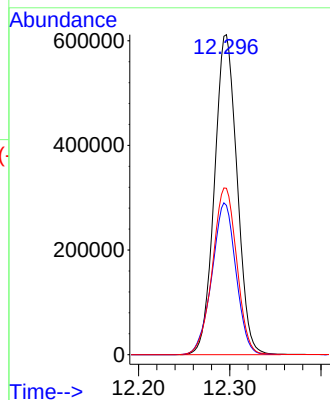
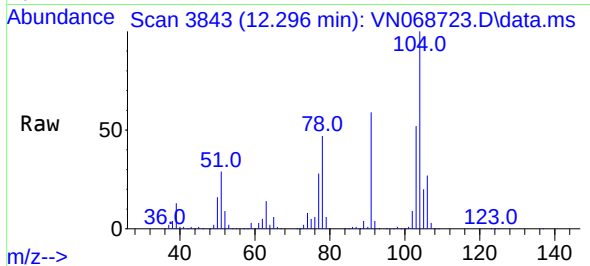
#69
Styrene
Concen: 44.696 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.000 min
Lab File: VN068723.D
Acq: 28 Sep 2021 16:10

Tgt Ion:104 Resp: 1053230
Ion Ratio Lower Upper
104 100
78 50.5 40.7 61.1
103 56.1 45.8 68.8

Instrument :
MSVOA_N
ClientSampleId :
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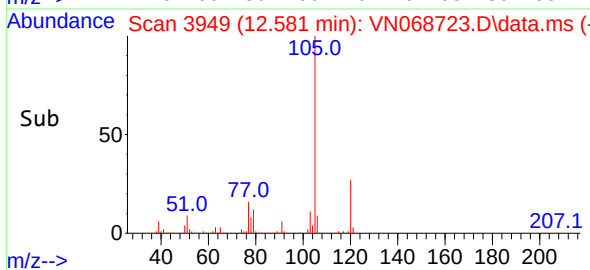
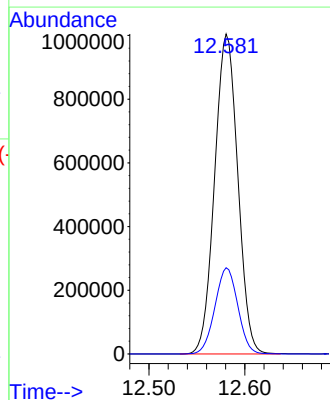
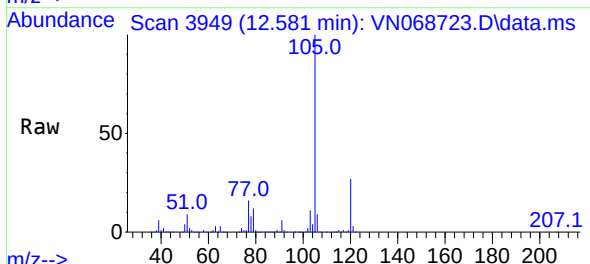
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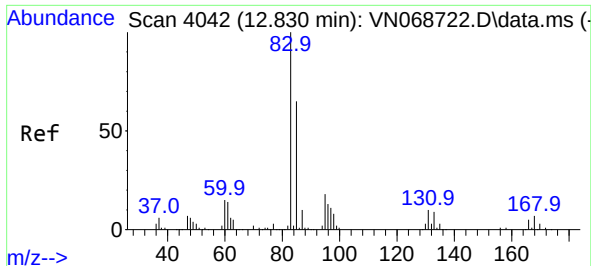
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#70
Isopropylbenzene
Concen: 46.334 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. 0.000 min
Lab File: VN068723.D
Acq: 28 Sep 2021 16:10

Tgt Ion:105 Resp: 1681818
Ion Ratio Lower Upper
105 100
120 26.6 18.3 34.1





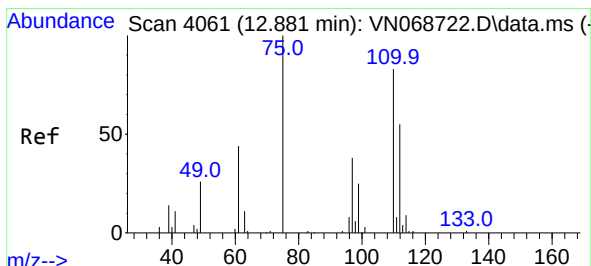
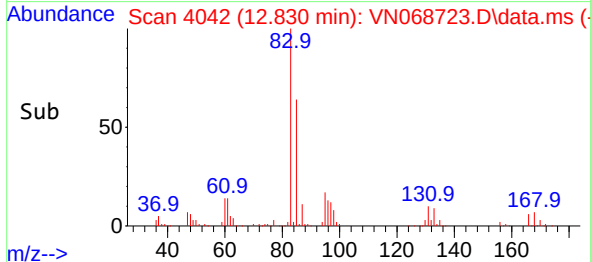
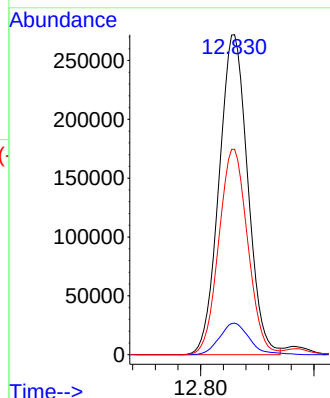
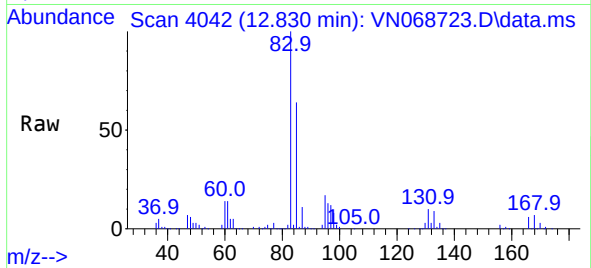
#71
1,1,2,2-Tetrachloroethane
Concen: 46.728 ug/l
RT: 12.830 min Scan# 4042
Delta R.T. 0.000 min
Lab File: VN068723.D
Acq: 28 Sep 2021 16:10

Tgt Ion: 83 Resp: 477576
Ion Ratio Lower Upper
83 100
131 10.3 5.1 15.3
85 64.7 33.1 99.2

Instrument :
MSVOA_N
ClientSampleId :
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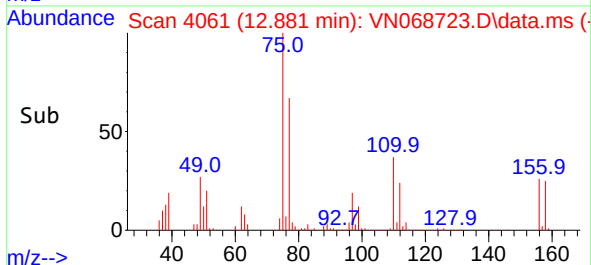
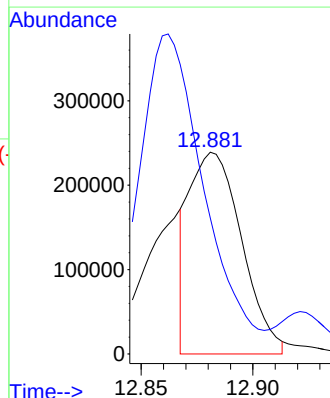
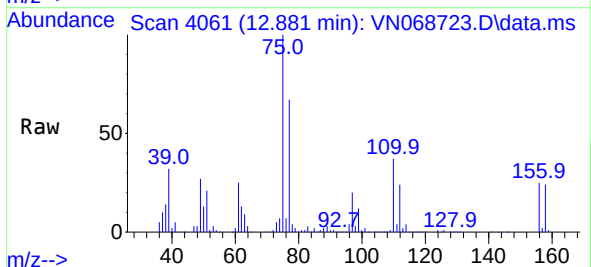
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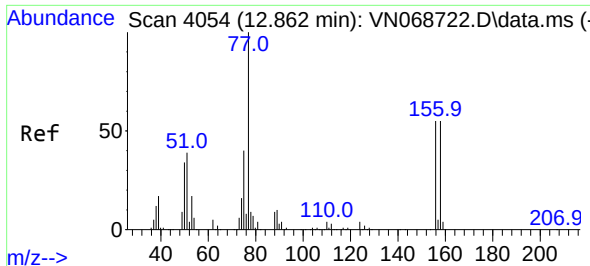
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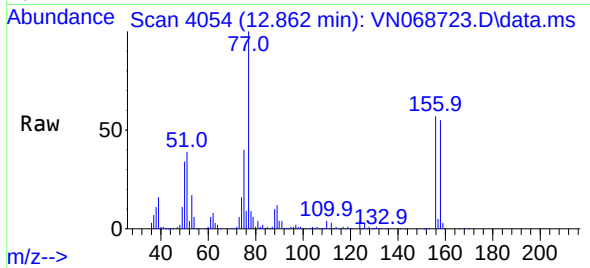
#72
1,2,3-Trichloropropane
Concen: 41.165 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. 0.000 min
Lab File: VN068723.D
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Tgt Ion: 75 Resp: 389396
Ion Ratio Lower Upper
75 100
77 198.3 0.0 378.0

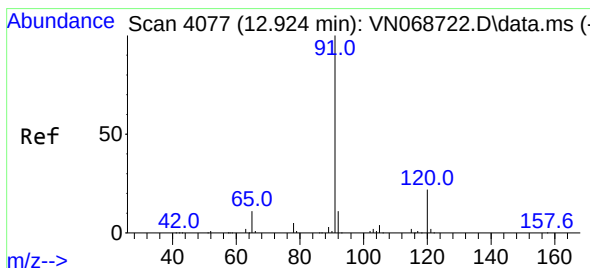
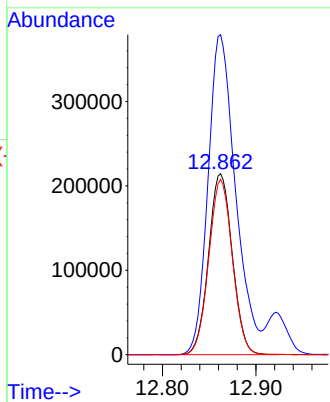
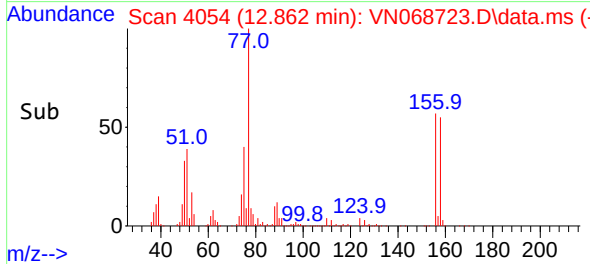




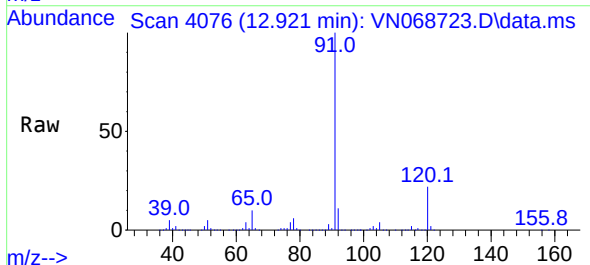
#73
Bromobenzene
Concen: 47.692 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VN068723.D
Acq: 28 Sep 2021 16:10



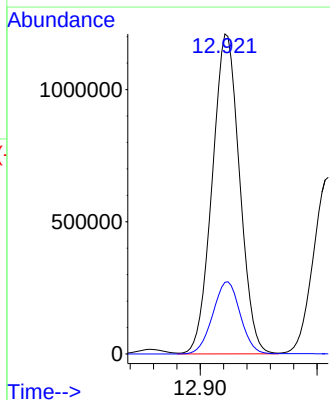
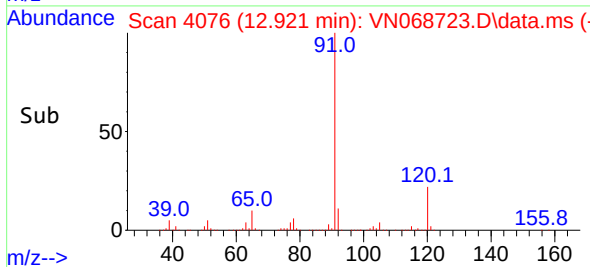
Tgt Ion:156 Resp: 379058
Ion Ratio Lower Upper
156 100
77 203.7 0.0 416.0
158 95.8 0.0 195.4



#74
n-propylbenzene
Concen: 48.017 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. -0.003 min
Lab File: VN068723.D
Acq: 28 Sep 2021 16:10



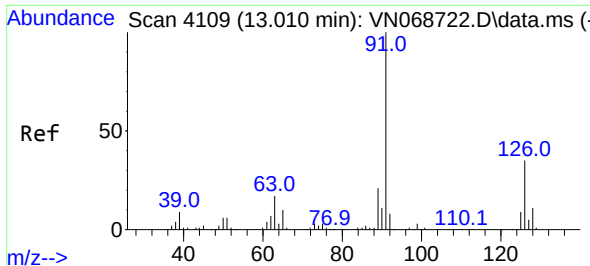
Tgt Ion: 91 Resp: 1968078
Ion Ratio Lower Upper
91 100
120 22.7 0.0 45.0



Instrument :
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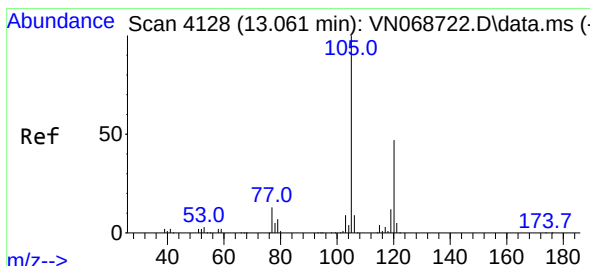
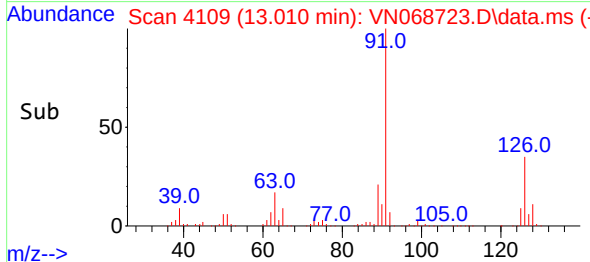
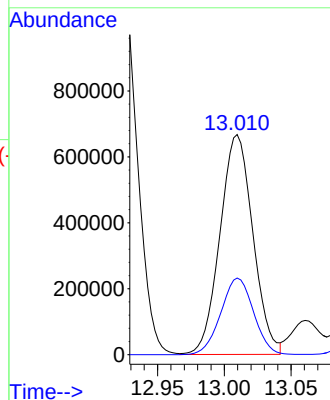
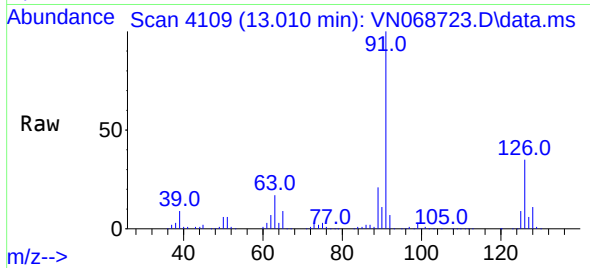
#75
2-Chlorotoluene
Concen: 49.119 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. 0.000 min
Lab File: VN068723.D
Acq: 28 Sep 2021 16:10

Tgt Ion: 91 Resp: 1147627
Ion Ratio Lower Upper
91 100
126 34.6 0.0 69.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

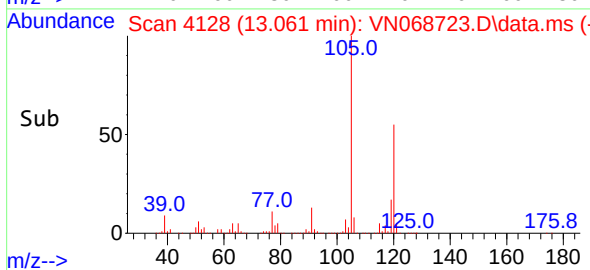
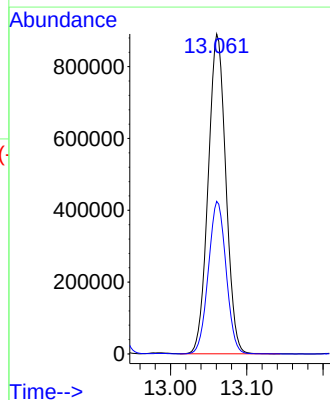
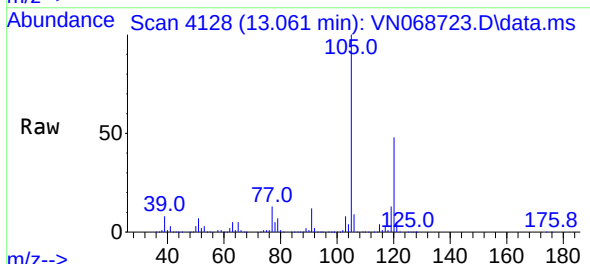
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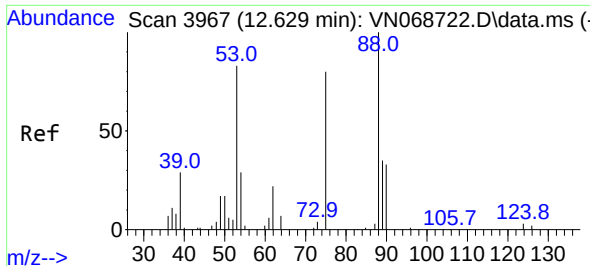
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#76
1,3,5-Trimethylbenzene
Concen: 51.299 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.000 min
Lab File: VN068723.D
Acq: 28 Sep 2021 16:10

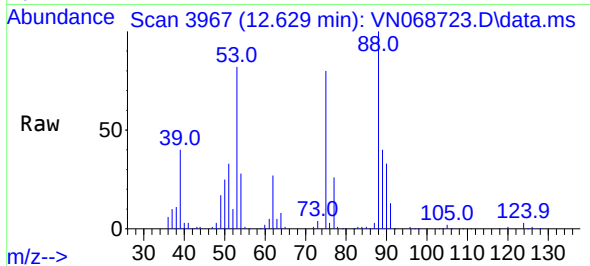
Tgt Ion: 105 Resp: 1432385
Ion Ratio Lower Upper
105 100
120 47.7 0.0 93.8





#77
t-1,4-Dichloro-2-butene
Concen: 43.032 ug/l
RT: 12.629 min Scan# 3967
Delta R.T. 0.000 min
Lab File: VN068723.D
Acq: 28 Sep 2021 16:10

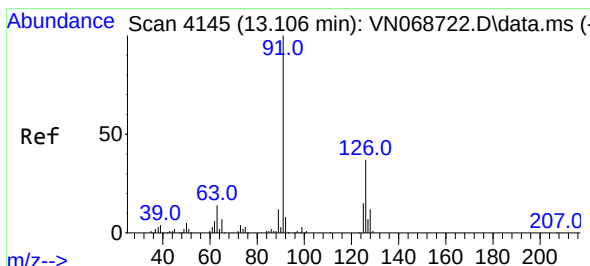
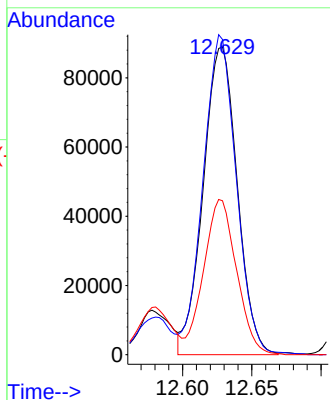
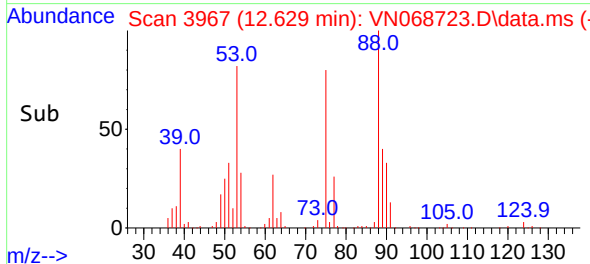
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



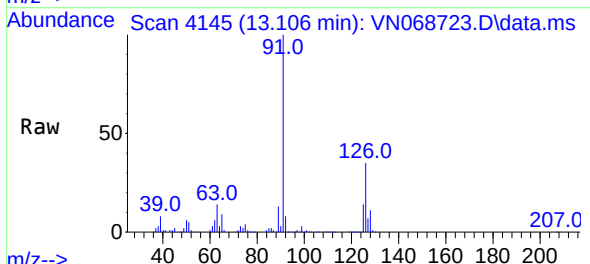
Tgt Ion: 75 Resp: 152168
Ion Ratio Lower Upper
75 100
53 102.2 51.8 155.5
89 50.0 22.9 68.7

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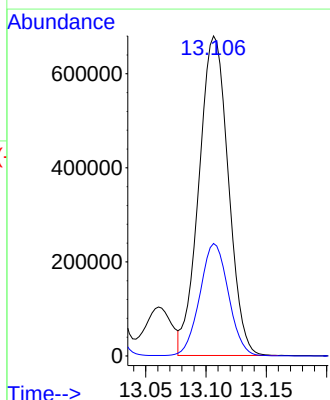
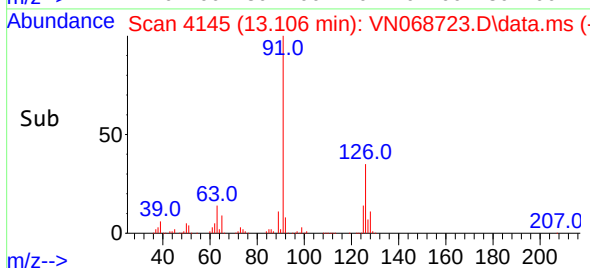
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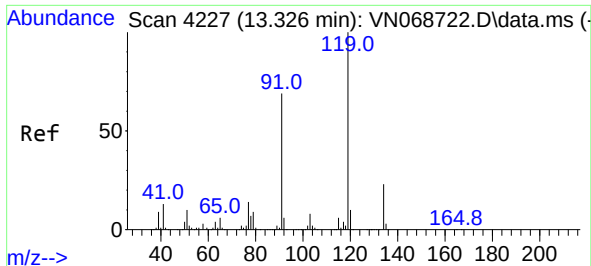


#78
4-Chlorotoluene
Concen: 50.297 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN068723.D
Acq: 28 Sep 2021 16:10



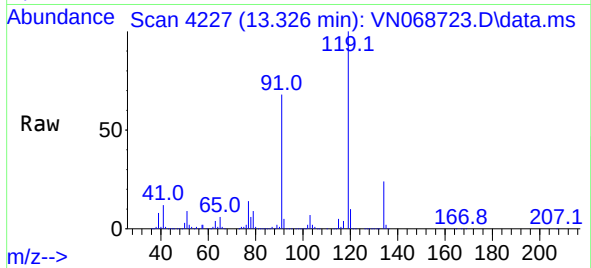
Tgt Ion: 91 Resp: 1148544
Ion Ratio Lower Upper
91 100
126 34.5 0.0 70.6





#79
tert-butylbenzene
Concen: 51.865 ug/l
RT: 13.326 min Scan# 4227
Delta R.T. 0.000 min
Lab File: VN068723.D
Acq: 28 Sep 2021 16:10

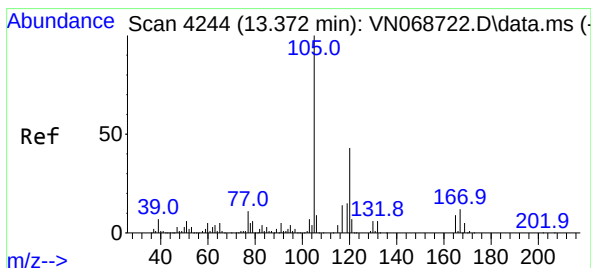
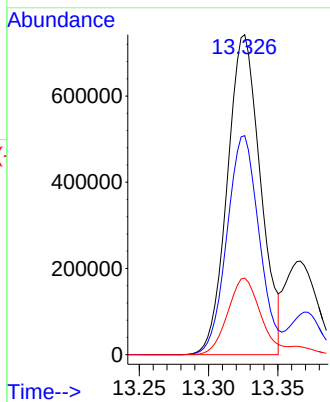
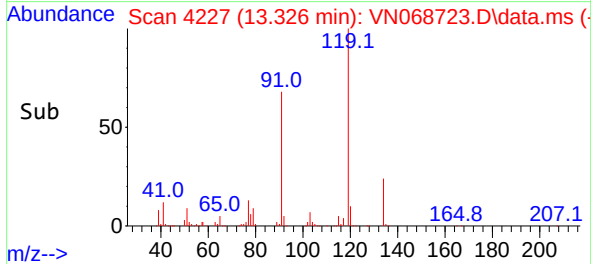
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



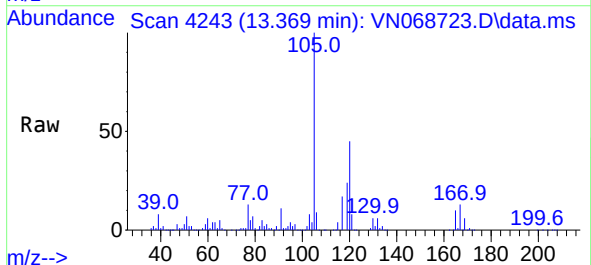
Tgt Ion:119 Resp: 1235303
Ion Ratio Lower Upper
119 100
91 67.1 0.0 137.0
134 24.1 0.0 47.6

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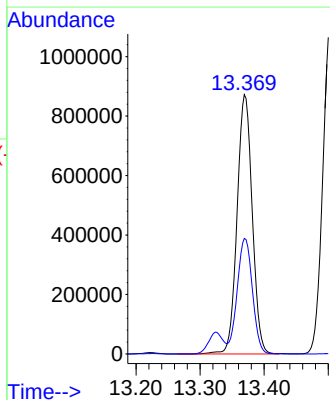
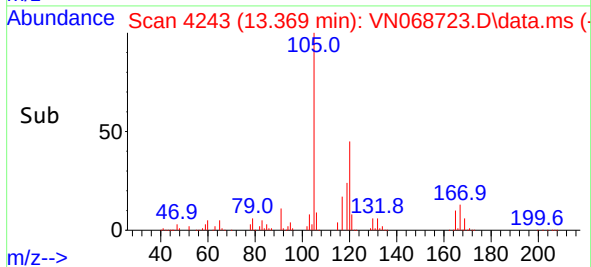
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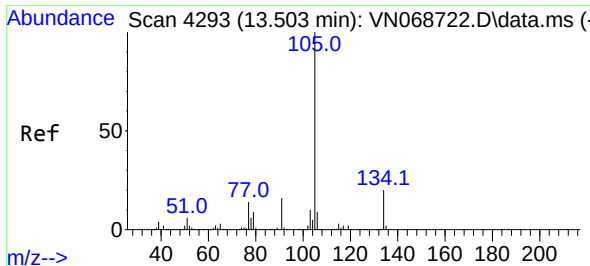


#80
1,2,4-Trimethylbenzene
Concen: 54.944 ug/l m
RT: 13.369 min Scan# 4243
Delta R.T. -0.003 min
Lab File: VN068723.D
Acq: 28 Sep 2021 16:10



Tgt Ion:105 Resp: 1431524
Ion Ratio Lower Upper
105 100
120 0.2 0.0 0.2





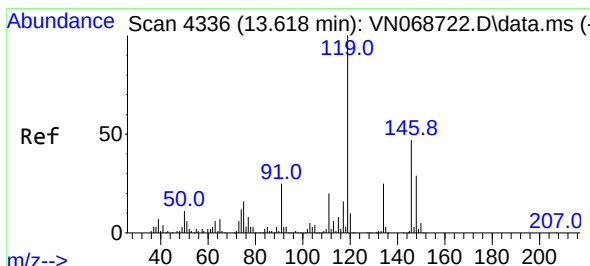
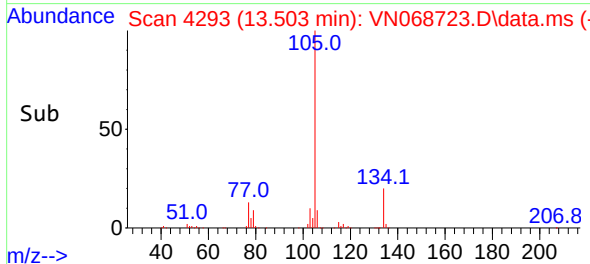
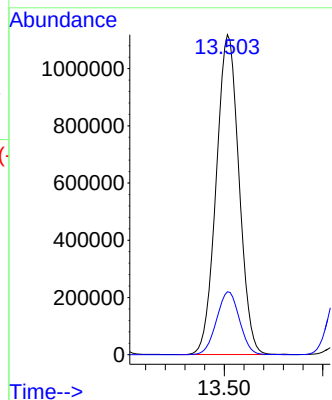
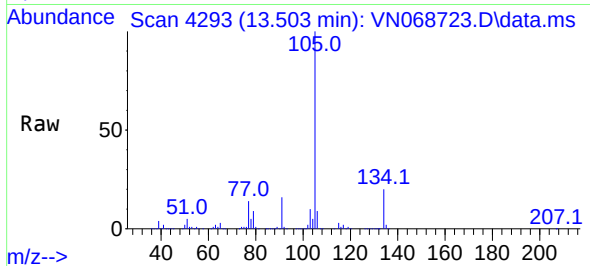
#81
sec-Butylbenzene
Concen: 56.257 ug/l
RT: 13.503 min Scan# 4293
Delta R.T. 0.000 min
Lab File: VN068723.D
Acq: 28 Sep 2021 16:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion:105 Resp: 1801372
Ion Ratio Lower Upper
105 100
134 19.8 0.0 39.4

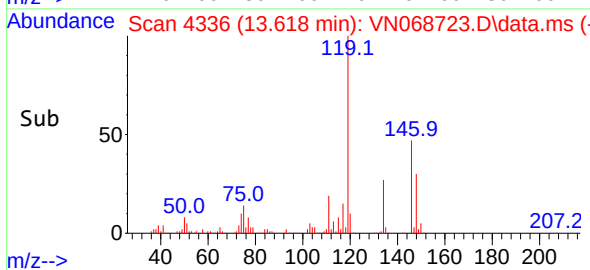
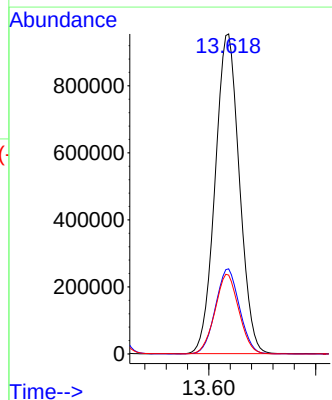
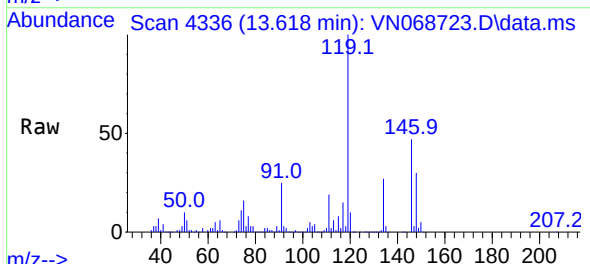
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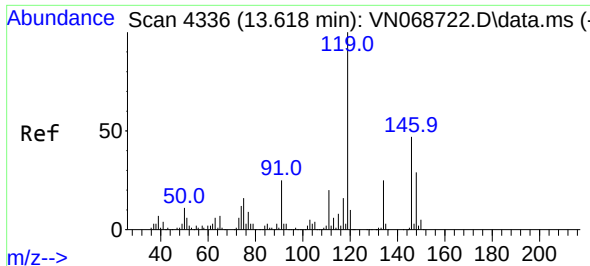
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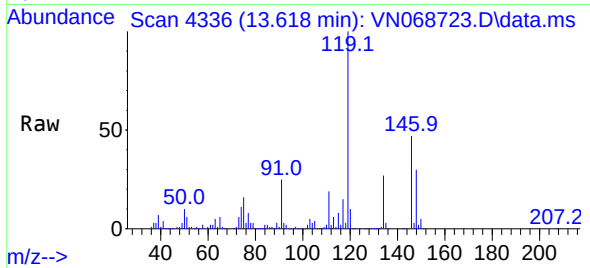
#82
p-Isopropyltoluene
Concen: 52.243 ug/l
RT: 13.618 min Scan# 4336
Delta R.T. 0.000 min
Lab File: VN068723.D
Acq: 28 Sep 2021 16:10

Tgt Ion:119 Resp: 1503570
Ion Ratio Lower Upper
119 100
134 26.4 0.0 51.8
91 24.5 0.0 50.4

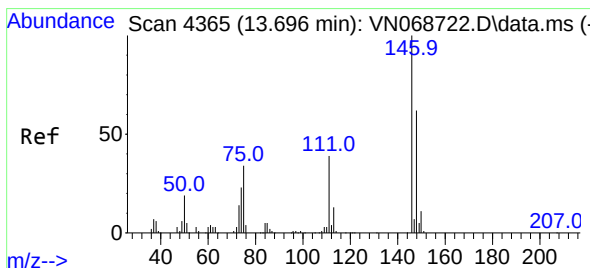
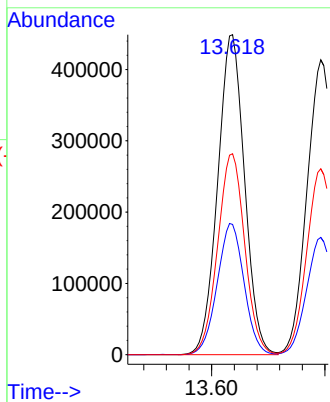
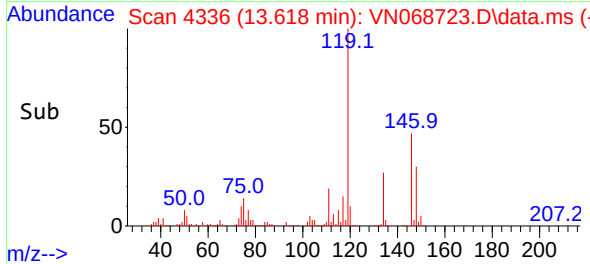




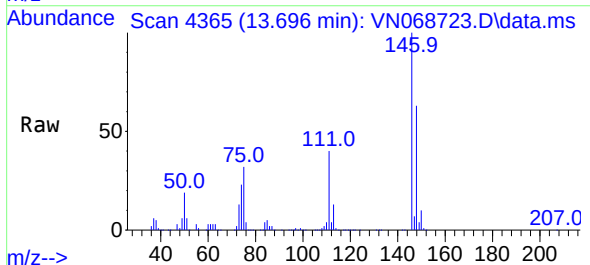
#83
1,3-Dichlorobenzene
Concen: 53.605 ug/l
RT: 13.618 min Scan# 4336
Delta R.T. 0.000 min
Lab File: VN068723.D
Acq: 28 Sep 2021 16:10



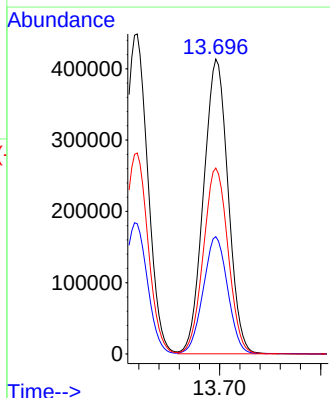
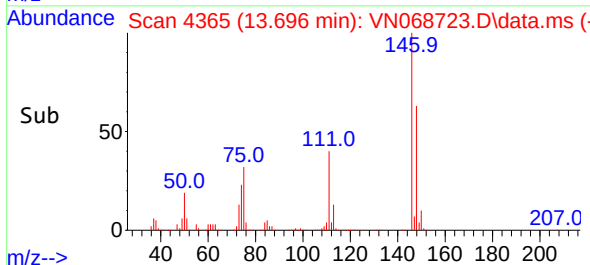
Tgt Ion:146 Resp: 739781
Ion Ratio Lower Upper
146 100
111 41.0 20.8 62.2
148 63.3 31.4 94.3



#84
1,4-Dichlorobenzene
Concen: 54.849 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. 0.000 min
Lab File: VN068723.D
Acq: 28 Sep 2021 16:10



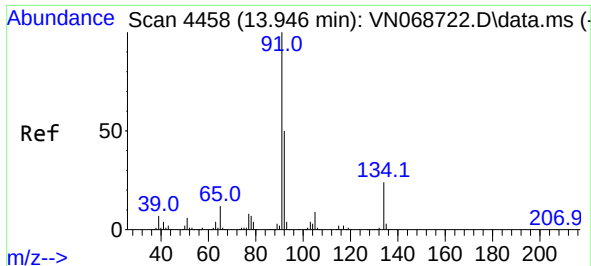
Tgt Ion:146 Resp: 698237
Ion Ratio Lower Upper
146 100
111 39.5 19.5 58.5
148 63.6 31.1 93.5



Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

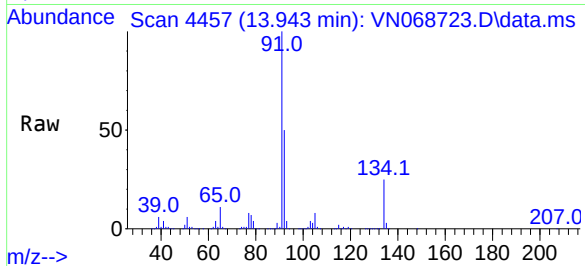
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#85
n-Butylbenzene
Concen: 53.925 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. -0.003 min
Lab File: VN068723.D
Acq: 28 Sep 2021 16:10

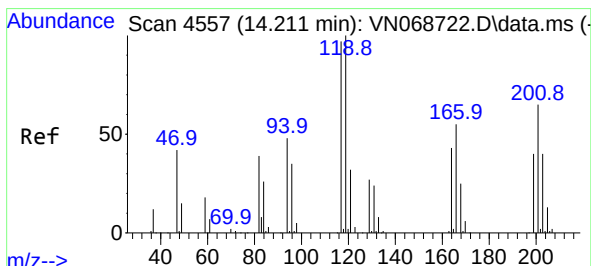
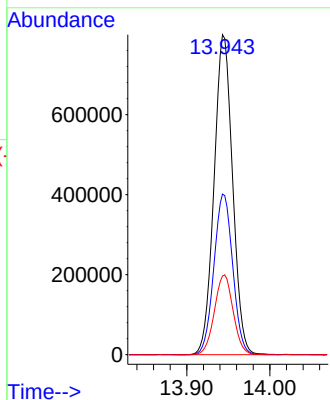
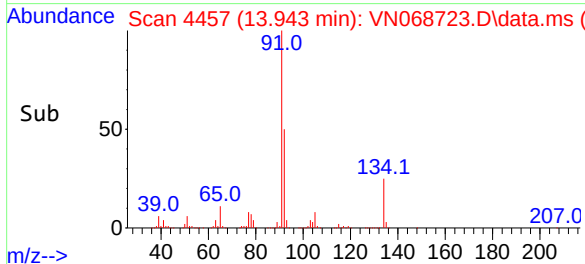
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



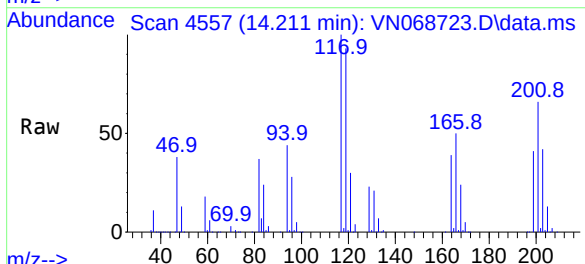
Tgt Ion: 91 Resp: 1241929
Ion Ratio Lower Upper
91 100
92 51.0 0.0 100.6
134 25.2 0.0 50.2

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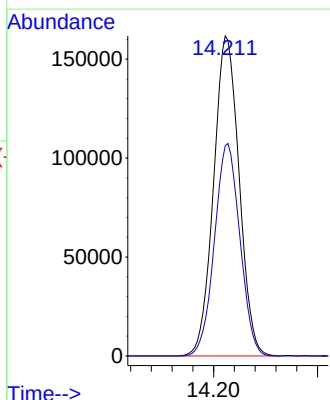
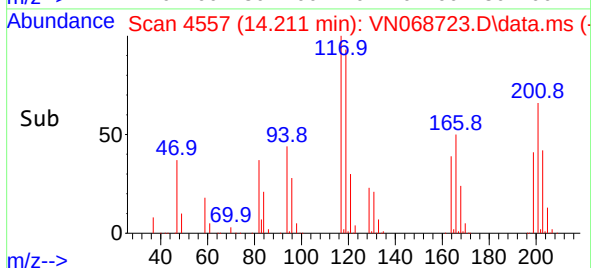
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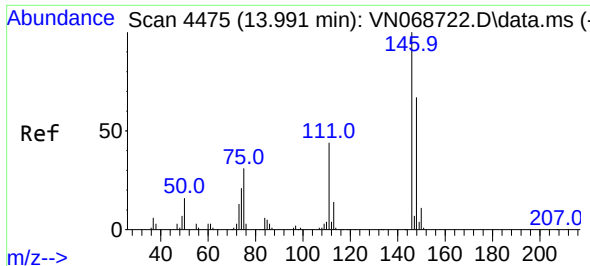


#86
Hexachloroethane
Concen: 51.642 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.000 min
Lab File: VN068723.D
Acq: 28 Sep 2021 16:10



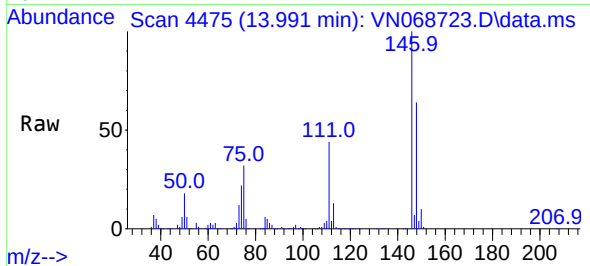
Tgt Ion: 117 Resp: 276171
Ion Ratio Lower Upper
117 100
201 66.1 33.3 99.8





#87
1,2-Dichlorobenzene
Concen: 54.964 ug/l
RT: 13.991 min Scan# 4475
Delta R.T. 0.000 min
Lab File: VN068723.D
Acq: 28 Sep 2021 16:10

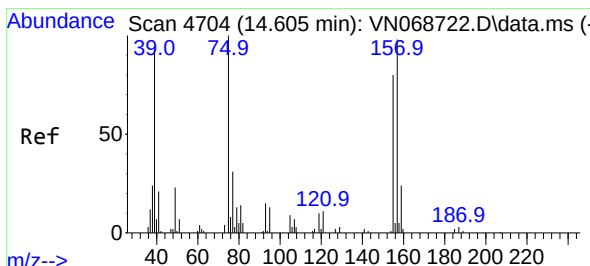
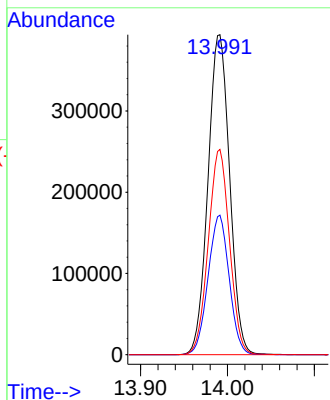
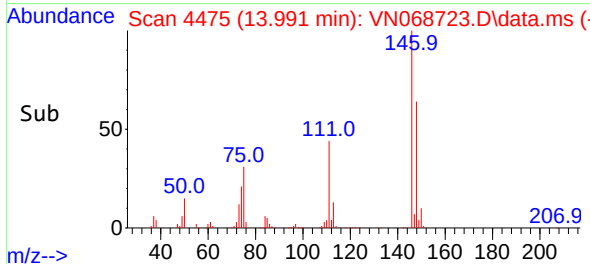
Instrument :
MSVOA_N
ClientSampled :
VSTDIC050



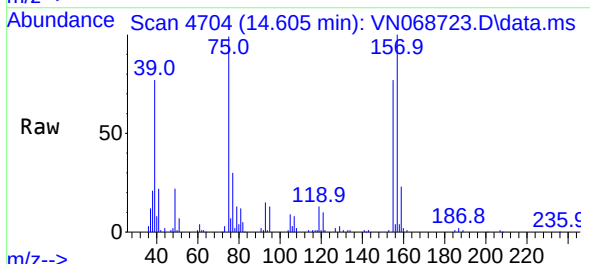
Tgt Ion:146 Resp: 682149
Ion Ratio Lower Upper
146 100
111 42.6 21.4 64.2
148 63.0 32.5 97.4

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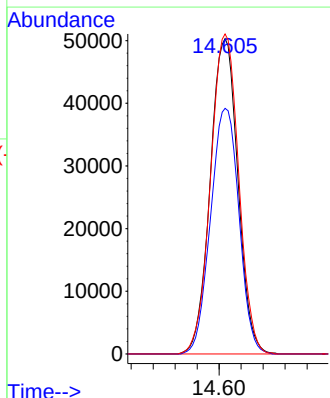
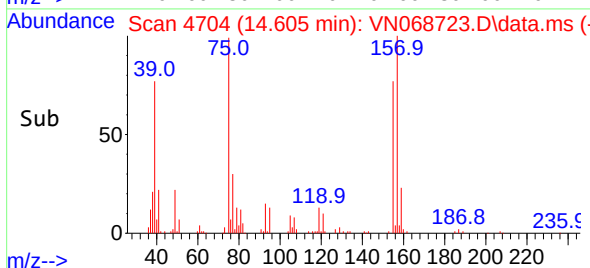
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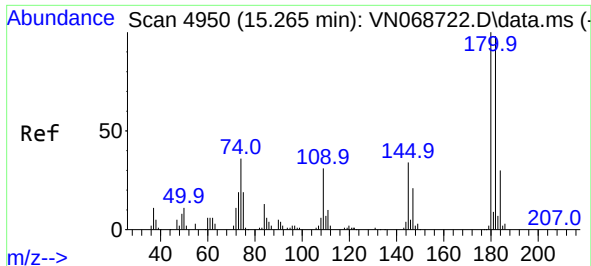


#88
1,2-Dibromo-3-Chloropropane
Concen: 44.800 ug/l
RT: 14.605 min Scan# 4704
Delta R.T. 0.000 min
Lab File: VN068723.D
Acq: 28 Sep 2021 16:10



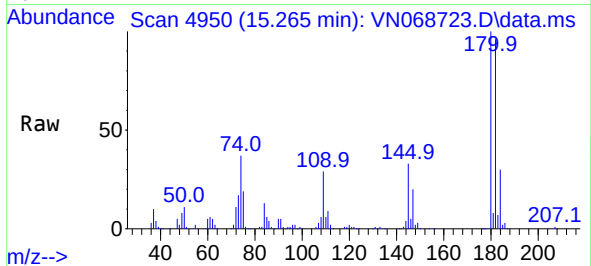
Tgt Ion: 75 Resp: 88075
Ion Ratio Lower Upper
75 100
155 79.8 63.8 95.8
157 102.8 77.9 116.9





#89
1,2,4-Trichlorobenzene
Concen: 51.001 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN068723.D
Acq: 28 Sep 2021 16:10

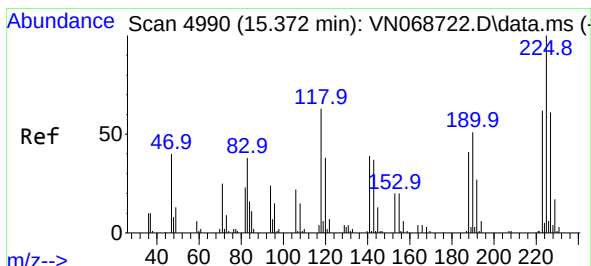
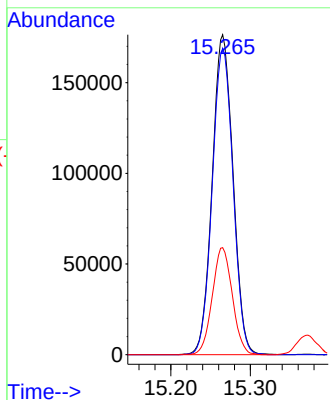
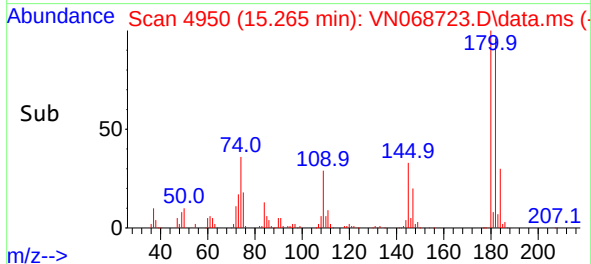
Instrument :
MSVOA_N
ClientSampled :
VSTDIC050



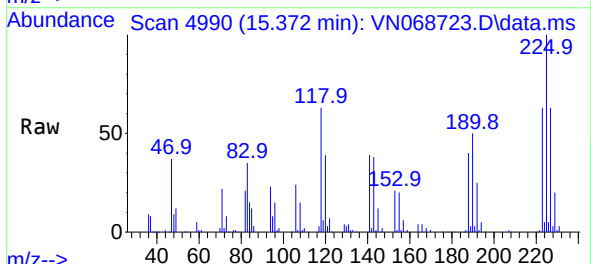
Tgt Ion:180 Resp: 320925
Ion Ratio Lower Upper
180 100
182 95.7 77.7 116.5
145 32.2 26.6 39.8

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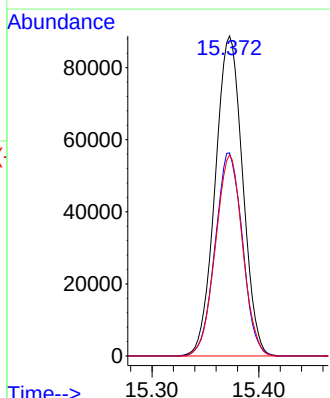
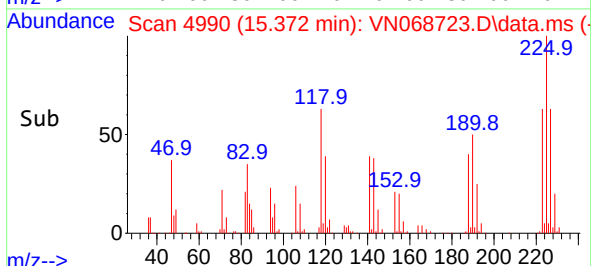
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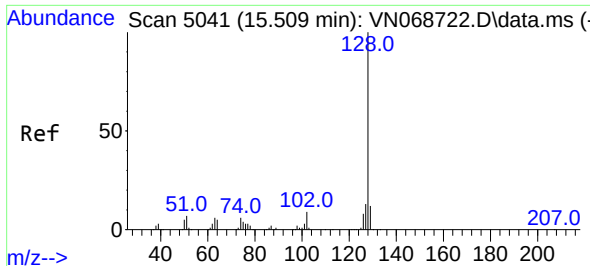


#90
Hexachlorobutadiene
Concen: 47.050 ug/l
RT: 15.372 min Scan# 4990
Delta R.T. 0.000 min
Lab File: VN068723.D
Acq: 28 Sep 2021 16:10



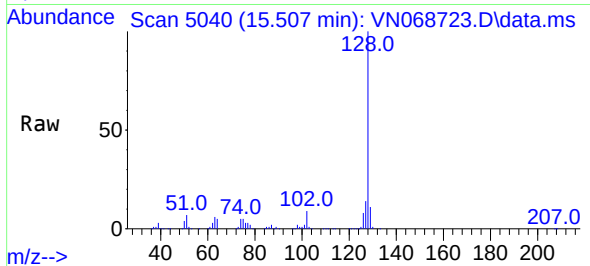
Tgt Ion:225 Resp: 158458
Ion Ratio Lower Upper
225 100
223 63.1 0.0 126.8
227 62.0 0.0 123.0





#91
Naphthalene
Concen: 53.897 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.003 min
Lab File: VN068723.D
Acq: 28 Sep 2021 16:10

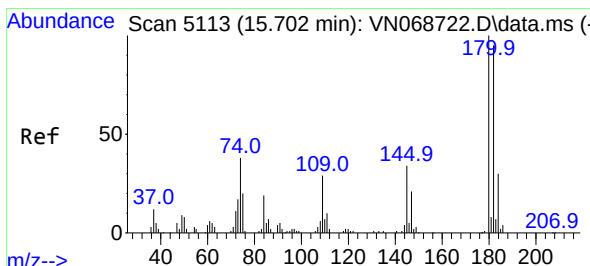
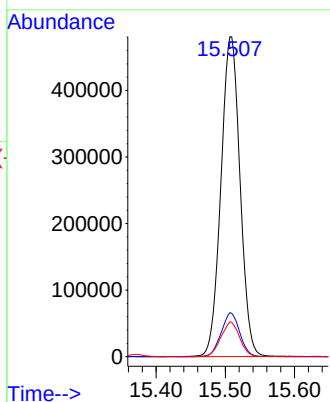
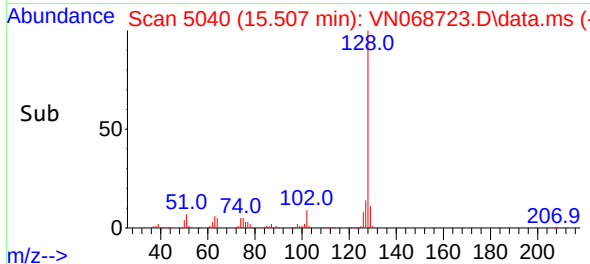
Instrument :
MSVOA_N
ClientSampled :
VSTDIC050



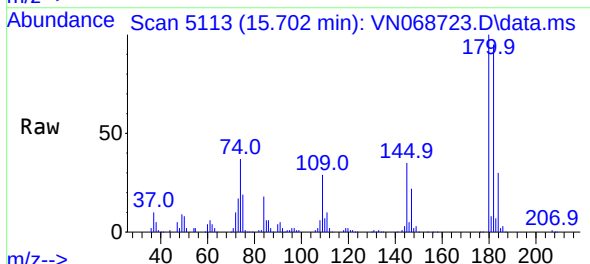
Tgt Ion:128 Resp: 920980
Ion Ratio Lower Upper
128 100
127 13.4 10.7 16.1
129 10.6 9.0 13.6

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#92
1,2,3-Trichlorobenzene
Concen: 50.957 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. 0.000 min
Lab File: VN068723.D
Acq: 28 Sep 2021 16:10



Tgt Ion:180 Resp: 305821
Ion Ratio Lower Upper
180 100
182 94.7 0.0 190.0
145 34.5 0.0 67.8

