

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092821\
 Data File : VN068729.D
 Acq On : 28 Sep 2021 19:38
 Operator : JC/MD
 Sample : VN0928WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0928WBS01

Manual Integrations
 APPROVED

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 9/30/2021 12:17:42 PM

Quant Time: Sep 29 09:07:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N092821W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Sep 29 08:56:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.659	128	74024	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.971	114	421932	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.747	117	395789	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	177934	31.185	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 103.933%	
60) 4-Bromofluorobenzene	12.734	95	178862	28.928	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 96.433%	
63) Toluene-d8	10.443	98	554446	30.993	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 103.300%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	60193	18.336	ug/l	95
3) Chloromethane	2.303	50	88317	21.022	ug/l	98
4) Vinyl Chloride	2.443	62	174588	21.317	ug/l	99
5) Bromomethane	2.864	94	162413	20.430	ug/l	97
6) Chloroethane	3.019	64	145202	21.809	ug/l	96
7) Trichlorofluoromethane	3.373	101	137863	20.178	ug/l	99
8) Diethyl Ether	3.824	74	50014m	21.377	ug/l	
9) 1,1,2-Trichlorotrifluo...	4.213	101	78882	19.943	ug/l	74
10) 1,1-Dichloroethene	4.183	96	71675	19.636	ug/l	95
11) Methyl Iodide	4.425	142	78183	17.758	ug/l	96
12) Methyl Acetate	4.859	43	130507	20.702	ug/l	100
13) Acrolein	4.044	56	23808	89.960	ug/l	94
14) Acrylonitrile	5.557	53	209620	103.539	ug/l	99
15) Acetone	4.288	58	52117	92.930	ug/l	100
16) Carbon Disulfide	4.535	76	190197	19.242	ug/l	98
17) Allyl chloride	4.846	41	112152	19.337	ug/l	99
18) Methylene Chloride	5.101	84	94112	20.527	ug/l	96
19) trans-1,2-Dichloroethene	5.605	96	83581	19.373	ug/l	96
20) Diisopropyl ether	6.498	45	268642	19.920	ug/l	99
21) 1,1-Dichloroethane	6.393	63	159047	20.316	ug/l	97
22) cis-1,2-Dichloroethene	7.327	96	103532	19.722	ug/l	96
23) tert-Butyl Alcohol	5.369	59	79003	105.170	ug/l #	100
24) Methyl tert-Butyl Ether	5.618	73	283379	19.764	ug/l	99
25) Chloroform	7.820	83	187634	20.328	ug/l	98
26) Cyclohexane	8.102	56	133845	19.642	ug/l #	99
29) 1,1-Dichloropropene	8.225	75	127013	18.943	ug/l	98
30) 2-Butanone	7.335	43	295548	98.133	ug/l	100
31) 2,2-Dichloropropane	7.327	77	138926	18.031	ug/l	97
32) 1,1,1-Trichloroethane	8.016	97	166529	19.380	ug/l	97
33) Carbon Tetrachloride	8.209	117	148023	19.380	ug/l	96
34) Benzene	8.461	78	388988	19.556	ug/l	98
35) Methacrylonitrile	7.638	41	56629	18.764	ug/l	95
36) 1,2-Dichloroethane	8.531	62	149085	20.034	ug/l	100
37) Trichloroethene	9.217	130	99858	18.986	ug/l	91
38) Methylcyclohexane	9.462	83	151667	18.273	ug/l	100
39) 1,2-Dichloropropane	9.491	63	98586	20.008	ug/l	98
40) Dibromomethane	9.580	93	74914	19.262	ug/l	99
41) Bromodichloromethane	9.765	83	147918	19.403	ug/l	94
42) Vinyl Acetate	6.436	43	1077346	96.605	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.410	43	131326m	21.814	ug/l	
44) Isopropyl Acetate	8.563	43	217507	19.947	ug/l	100
45) 1,4-Dioxane	9.574	88	36481	413.225	ug/l	98
46) Methyl methacrylate	9.563	41	91563	18.986	ug/l	97
47) n-amyl Acetate	12.390	43	169981	18.408	ug/l	98
48) t-1,3-Dichloropropene	10.719	75	155300	18.745	ug/l	100
49) cis-1,3-Dichloropropene	10.191	75	160079	18.894	ug/l	97
50) 1,1,2-Trichloroethane	10.899	97	104150	19.325	ug/l	99
51) Ethyl methacrylate	10.765	69	150029	18.482	ug/l	99
52) 1,3-Dichloropropane	11.047	76	171002	19.607	ug/l	98
53) Dibromochloromethane	11.240	129	113372	18.519	ug/l	98
54) 1,2-Dibromoethane	11.347	107	109076	19.291	ug/l	98
55) 2-Chloroethyl vinyl ether	10.044	63	206801	91.246	ug/l	99
56) Bromoform	12.460	173	77561	17.568	ug/l #	99
58) 4-Methyl-2-Pentanone	10.333	43	693785	103.852	ug/l	99
59) 2-Hexanone	11.087	43	488625	100.411	ug/l	100
61) Tetrachloroethene	10.980	164	89846	19.369	ug/l	95
62) Toluene	10.508	91	465168	19.658	ug/l	100
64) Chlorobenzene	11.771	112	277079	19.081	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.843	131	108615	19.285	ug/l	98
66) Ethyl Benzene	11.846	91	509266	19.099	ug/l	99
67) m/p-Xylenes	11.956	106	387062	37.594	ug/l	99
68) o-Xylene	12.283	106	187802	18.529	ug/l	97
69) Styrene	12.296	104	308579	18.447	ug/l	99
70) Isopropylbenzene	12.581	105	505517	18.808	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.830	83	153547	20.276	ug/l	99
72) 1,2,3-Trichloropropane	12.884	75	133730m	21.797	ug/l	
73) Bromobenzene	12.862	156	113129	18.594	ug/l	99
74) n-propylbenzene	12.924	91	570931	18.528	ug/l	100
75) 2-Chlorotoluene	13.010	91	343309	19.089	ug/l	100
76) 1,3,5-Trimethylbenzene	13.061	105	414067	18.655	ug/l	98
77) t-1,4-Dichloro-2-butene	12.626	75	41897	17.507	ug/l	93
78) 4-Chlorotoluene	13.106	91	326992	18.357	ug/l	99
79) tert-butylbenzene	13.326	119	361087	18.636	ug/l	99
80) 1,2,4-Trimethylbenzene	13.369	105	409465m	18.610	ug/l	
81) sec-Butylbenzene	13.503	105	511404	18.411	ug/l	99
82) p-Isopropyltoluene	13.619	119	409906	17.815	ug/l	99
83) 1,3-Dichlorobenzene	13.619	146	199524	17.678	ug/l	99
84) 1,4-Dichlorobenzene	13.696	146	190042	17.699	ug/l	99
85) n-Butylbenzene	13.946	91	325943	17.221	ug/l	98
86) Hexachloroethane	14.211	117	79784	18.424	ug/l	100
87) 1,2-Dichlorobenzene	13.991	146	192257	18.423	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.603	75	27101	20.010	ug/l	97
89) 1,2,4-Trichlorobenzene	15.265	180	83309	16.249	ug/l	95
90) Hexachlorobutadiene	15.373	225	45963	17.986	ug/l	99
91) Naphthalene	15.507	128	221556	15.310	ug/l	99
92) 1,2,3-Trichlorobenzene	15.705	180	82329	16.749	ug/l	98

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

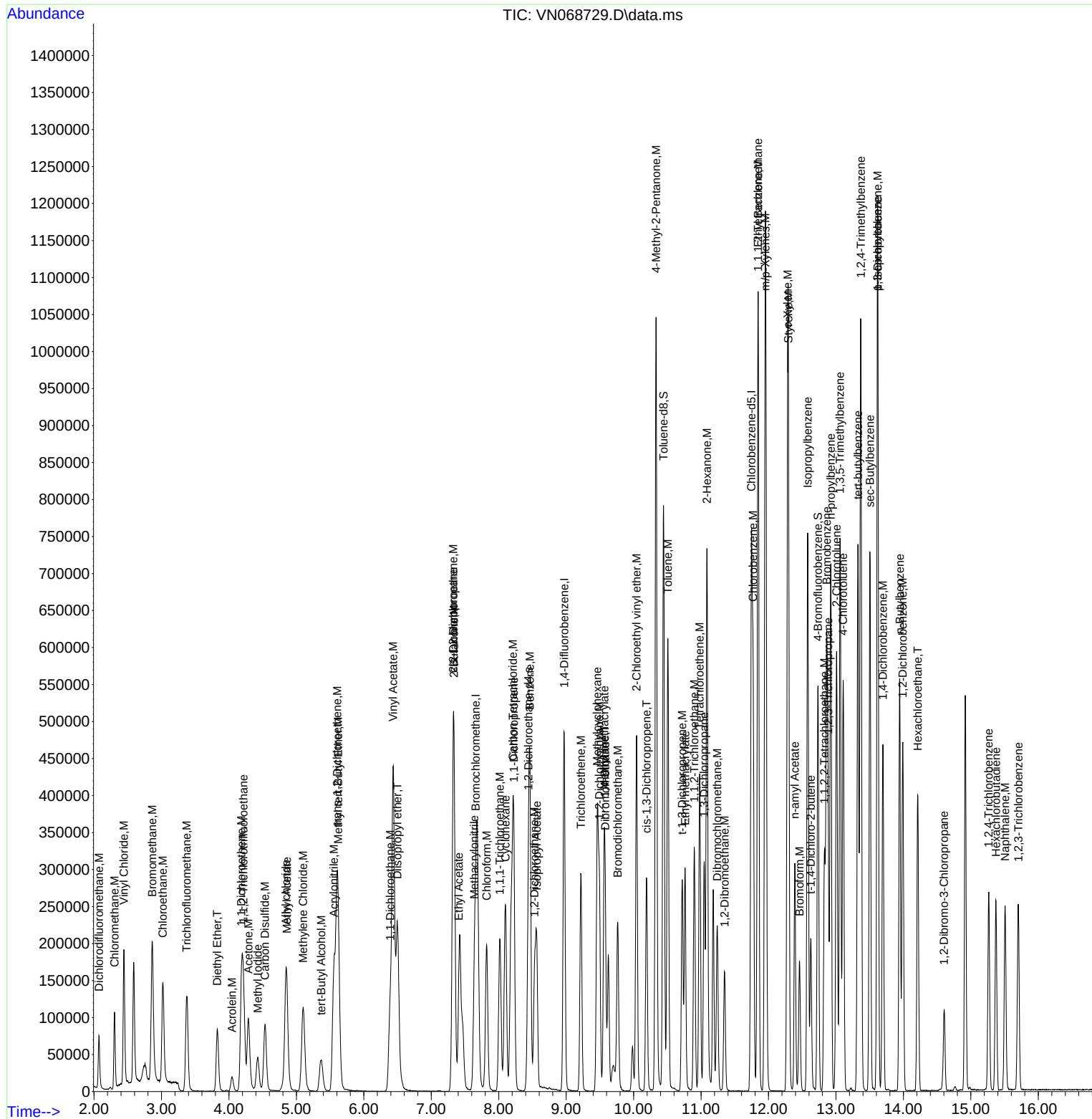
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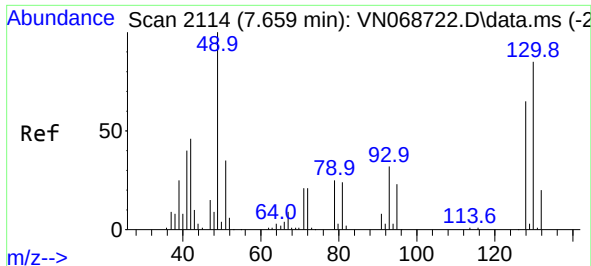
Instrument :
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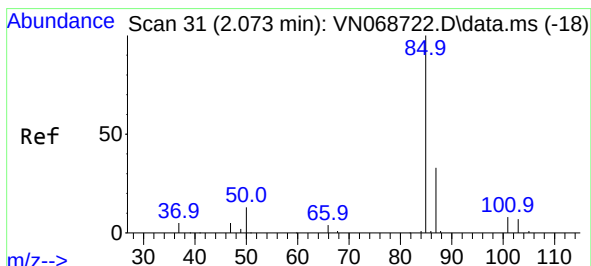
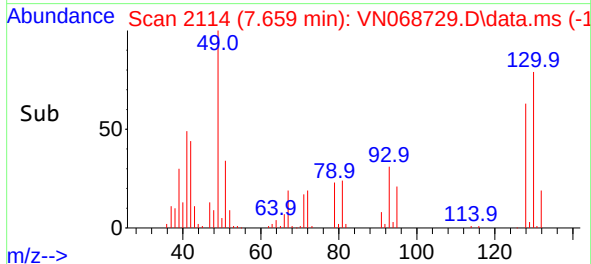
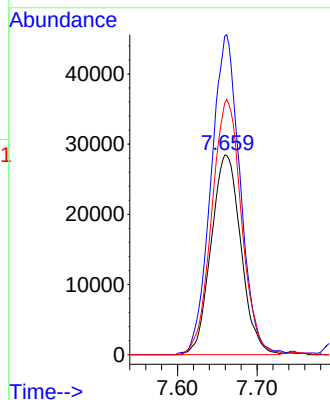
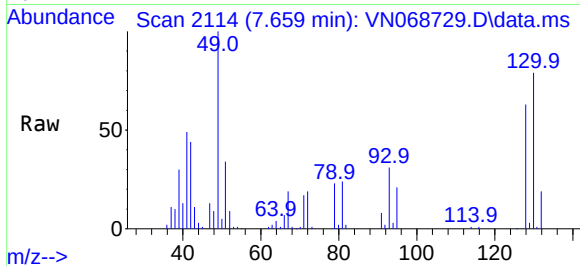
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.659 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VN068729.D
Acq: 28 Sep 2021 19:38

Tgt Ion:128 Resp: 74024
Ion Ratio Lower Upper
128 100
49 156.0 0.0 392.3
130 127.2 0.0 320.2

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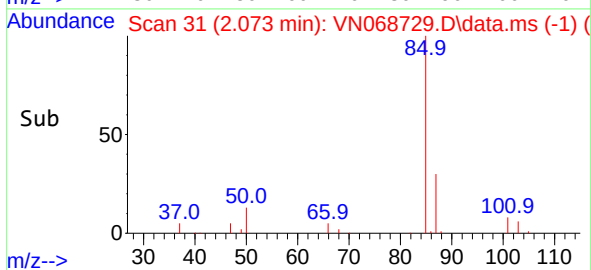
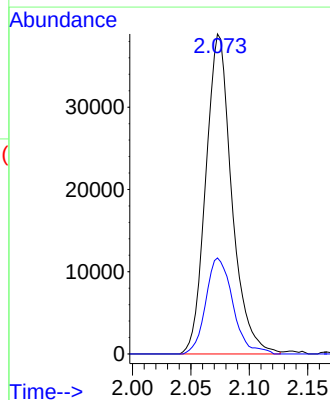
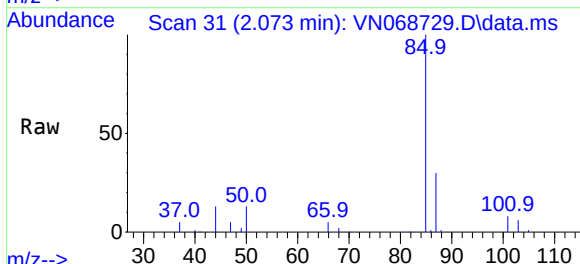
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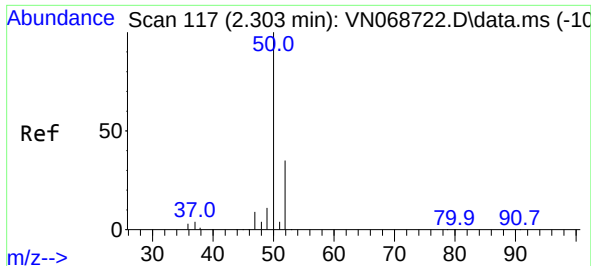
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#2
Dichlorodifluoromethane
Concen: 18.336 ug/l
RT: 2.073 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN068729.D
Acq: 28 Sep 2021 19:38

Tgt Ion: 85 Resp: 60193
Ion Ratio Lower Upper
85 100
87 30.0 16.6 49.7





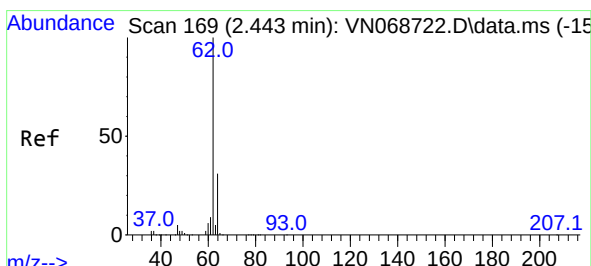
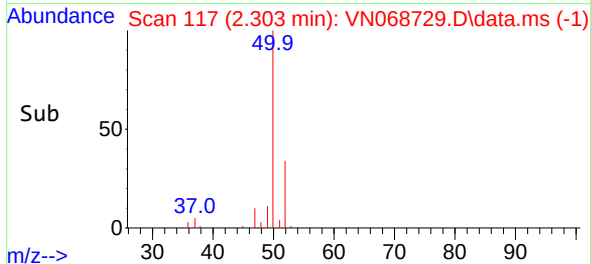
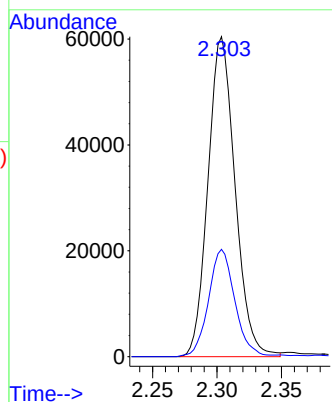
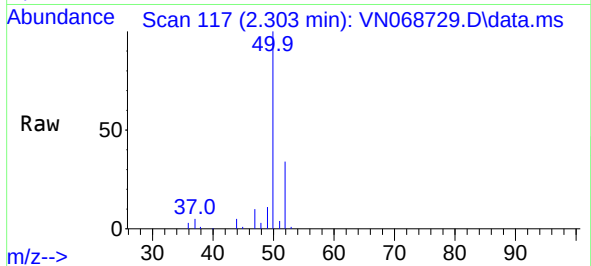
#3
Chloromethane
Concen: 21.022 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN068729.D
Acq: 28 Sep 2021 19:38

Tgt Ion: 50 Resp: 88317
Ion Ratio Lower Upper
50 100
52 33.3 27.8 41.6

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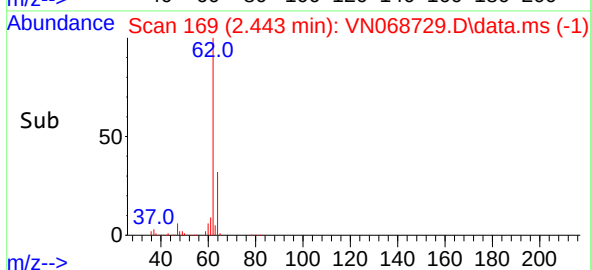
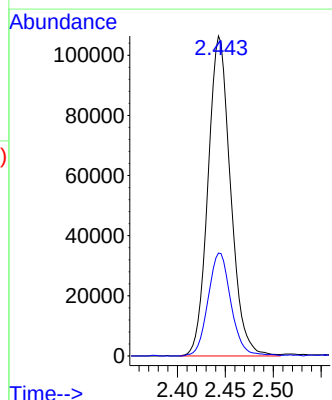
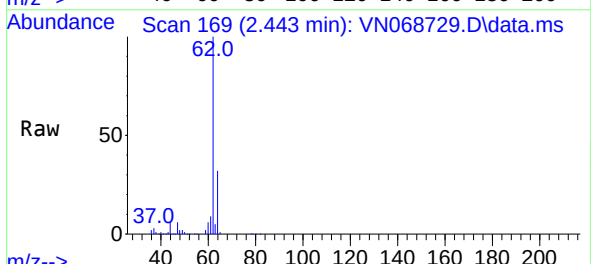
Manual Integrations
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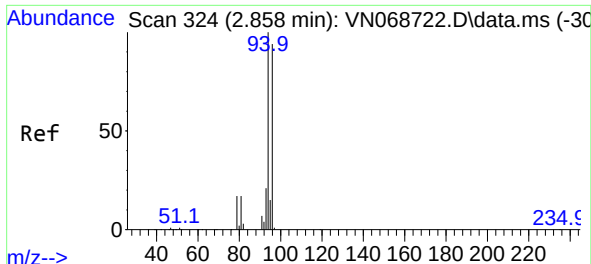
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#4
Vinyl Chloride
Concen: 21.317 ug/l
RT: 2.443 min Scan# 169
Delta R.T. -0.000 min
Lab File: VN068729.D
Acq: 28 Sep 2021 19:38

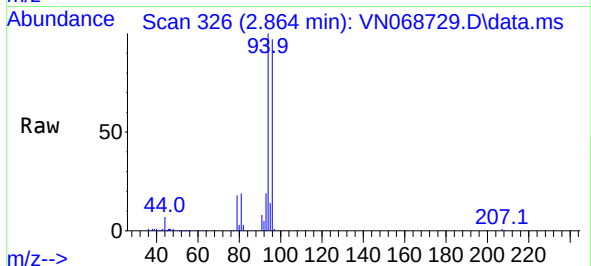
Tgt Ion: 62 Resp: 174588
Ion Ratio Lower Upper
62 100
64 32.2 25.1 37.7





#5
Bromomethane
Concen: 20.430 ug/l
RT: 2.864 min Scan# 326
Delta R.T. 0.006 min
Lab File: VN068729.D
Acq: 28 Sep 2021 19:38

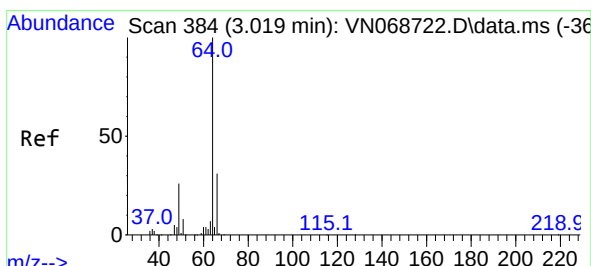
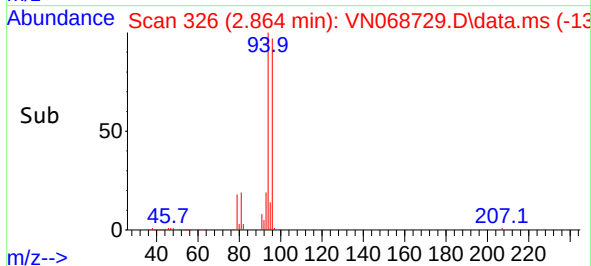
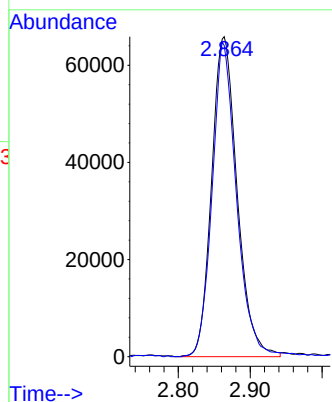
Instrument :
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ClientSampleId :
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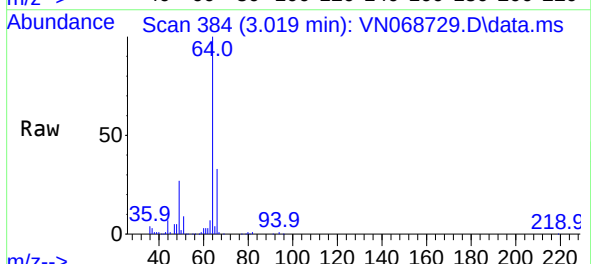
Tgt Ion: 94 Resp: 162413
Ion Ratio Lower Upper
94 100
96 97.2 75.2 112.8

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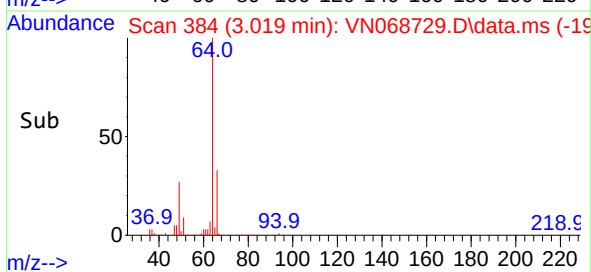
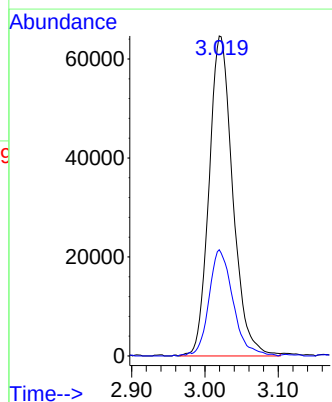
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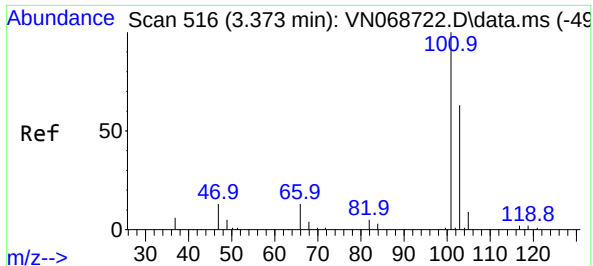


#6
Chloroethane
Concen: 21.809 ug/l
RT: 3.019 min Scan# 384
Delta R.T. 0.000 min
Lab File: VN068729.D
Acq: 28 Sep 2021 19:38



Tgt Ion: 64 Resp: 145202
Ion Ratio Lower Upper
64 100
66 33.0 24.6 36.8





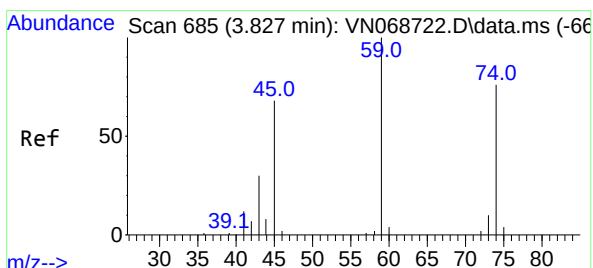
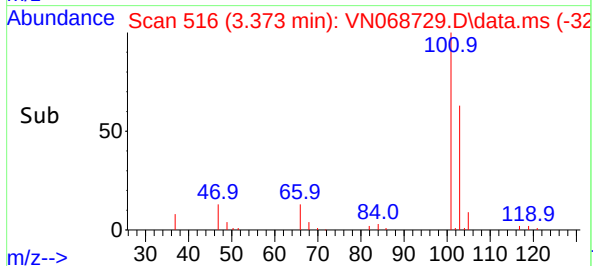
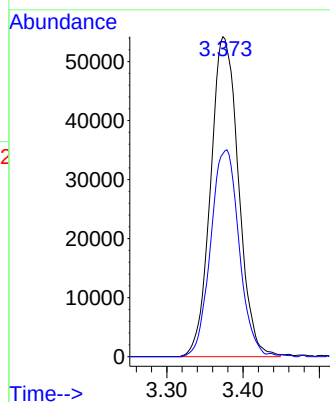
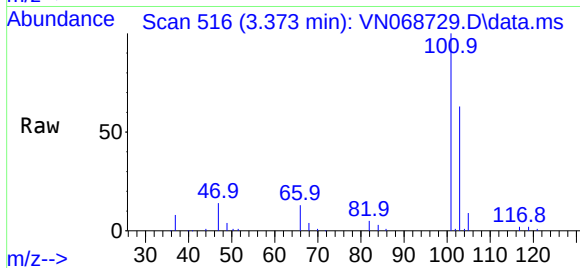
#7
Trichlorofluoromethane
Concen: 20.178 ug/l
RT: 3.373 min Scan# 516
Delta R.T. 0.000 min
Lab File: VN068729.D
Acq: 28 Sep 2021 19:38

Tgt Ion:101 Resp: 137863
Ion Ratio Lower Upper
101 100
103 63.5 50.1 75.1

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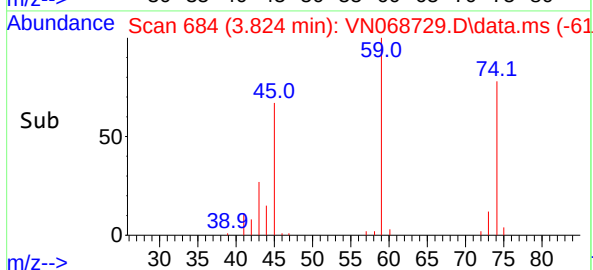
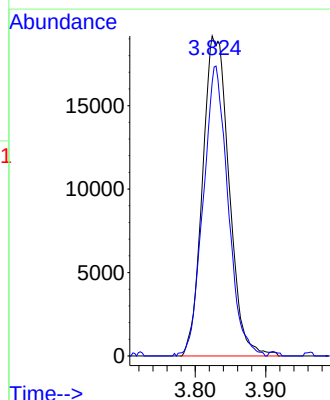
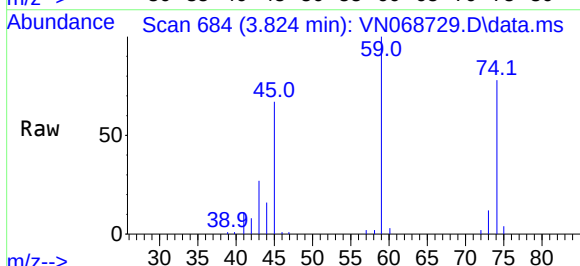
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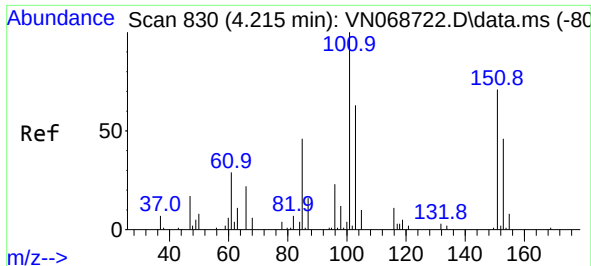
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#8
Diethyl Ether
Concen: 21.377 ug/l m
RT: 3.824 min Scan# 684
Delta R.T. -0.003 min
Lab File: VN068729.D
Acq: 28 Sep 2021 19:38

Tgt Ion: 74 Resp: 50014
Ion Ratio Lower Upper
74 100
45 84.5 17.6 158.8





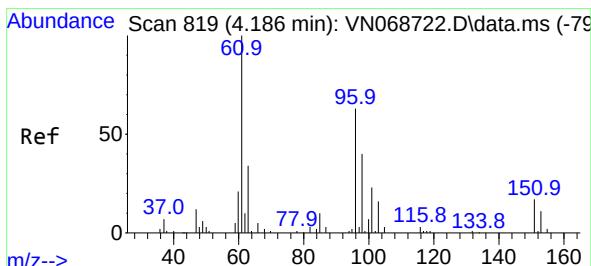
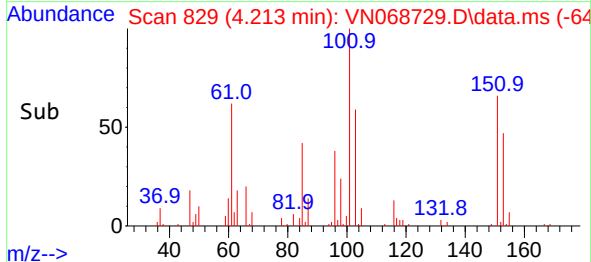
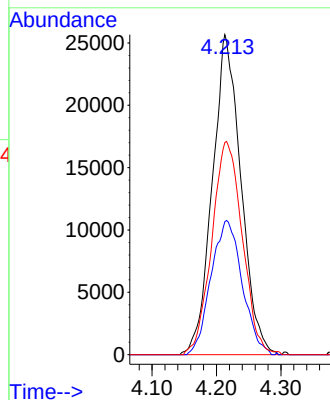
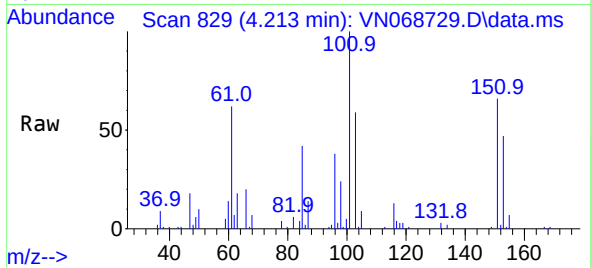
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.943 ug/l
RT: 4.213 min Scan# 829
Delta R.T. -0.002 min
Lab File: VN068729.D
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Tgt Ion:	101	Resp:	78882
Ion	Ratio	Lower	Upper
101	100		
85	45.9	0.0	94.0
151	71.1	0.0	74.6

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ClientSampleId :
VN0928WBS01

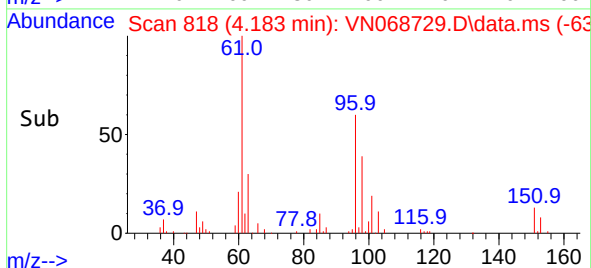
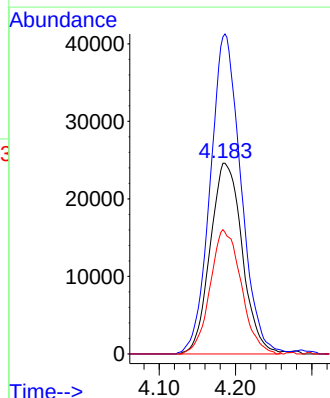
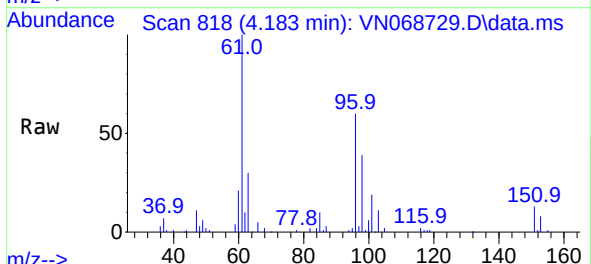
Manual Integrations
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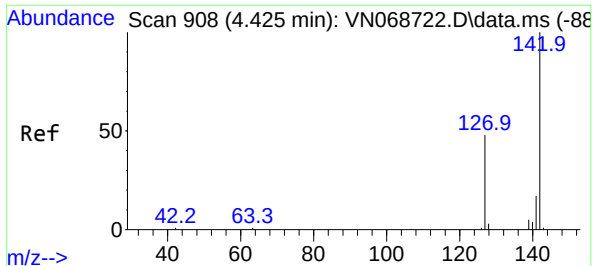
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#10
1,1-Dichloroethene
Concen: 19.636 ug/l
RT: 4.183 min Scan# 818
Delta R.T. -0.003 min
Lab File: VN068729.D
Acq: 28 Sep 2021 19:38

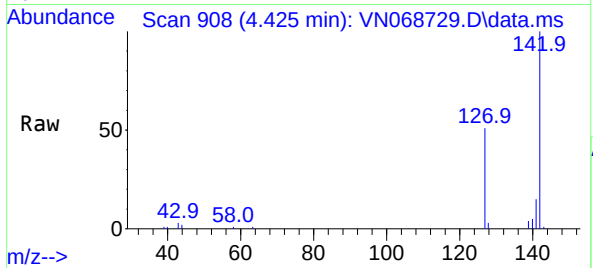
Tgt Ion:	96	Resp:	71675
Ion	Ratio	Lower	Upper
96	100		
61	165.4	126.2	189.4
98	65.1	50.9	76.3





#11
Methyl Iodide
Concen: 17.758 ug/l
RT: 4.425 min Scan# 908
Delta R.T. -0.000 min
Lab File: VN068729.D
Acq: 28 Sep 2021 19:38

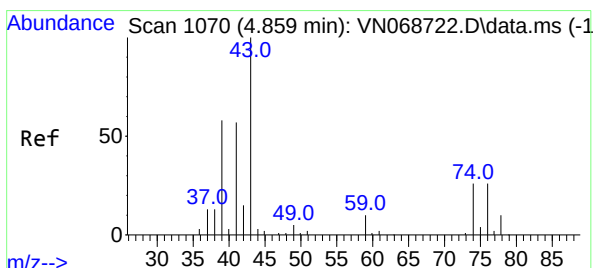
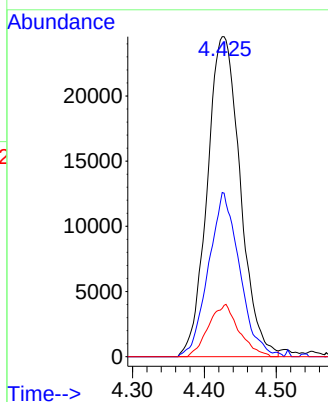
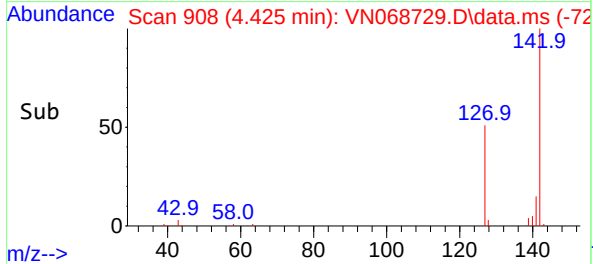
Instrument :
MSVOA_N
ClientSampled :
VN0928WBS01



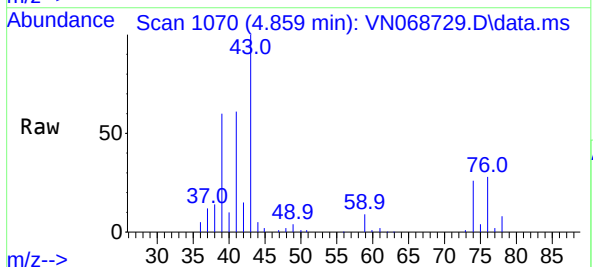
Tgt Ion:142 Resp: 78183
Ion Ratio Lower Upper
142 100
127 51.1 24.0 72.0
141 15.2 8.4 25.2

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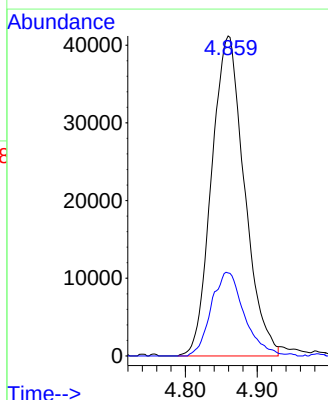
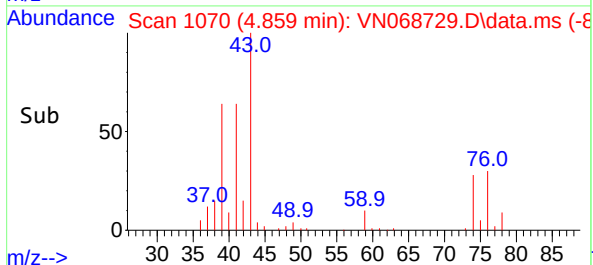
MMDadoda
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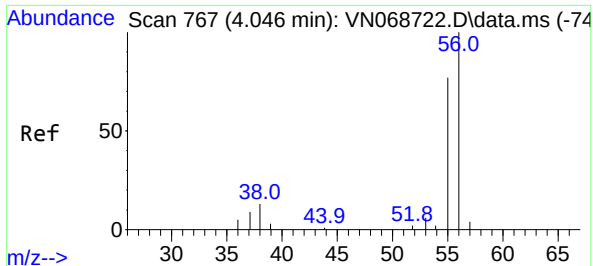


#12
Methyl Acetate
Concen: 20.702 ug/l
RT: 4.859 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VN068729.D
Acq: 28 Sep 2021 19:38



Tgt Ion: 43 Resp: 130507
Ion Ratio Lower Upper
43 100
74 25.9 20.8 31.2





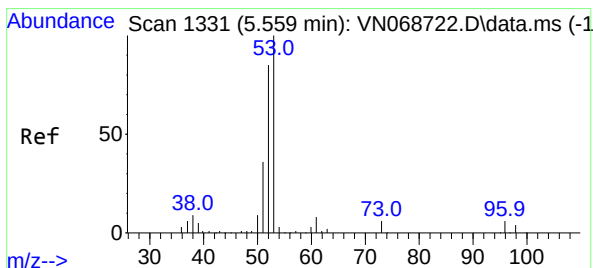
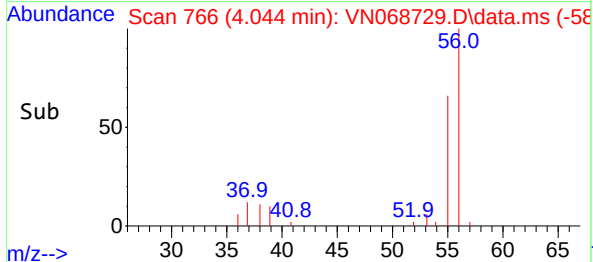
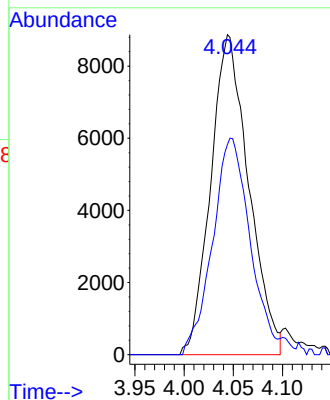
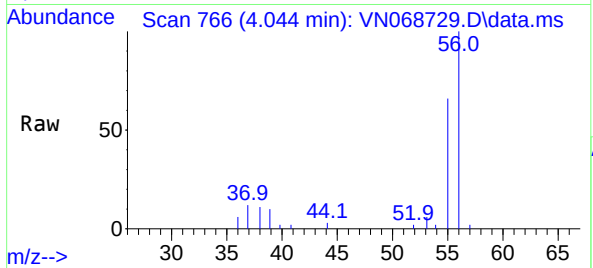
#13
Acrolein
Concen: 89.960 ug/l
RT: 4.044 min Scan# 766
Delta R.T. -0.002 min
Lab File: VN068729.D
Acq: 28 Sep 2021 19:38

Tgt Ion: 56 Resp: 23808
Ion Ratio Lower Upper
56 100
55 66.6 57.6 86.4

Instrument :
MSVOA_N
ClientSampleId :
VN0928WBS01

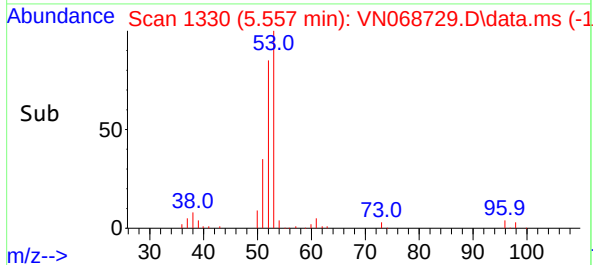
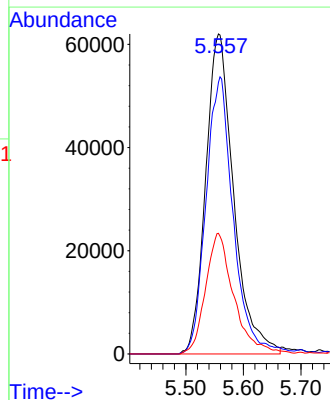
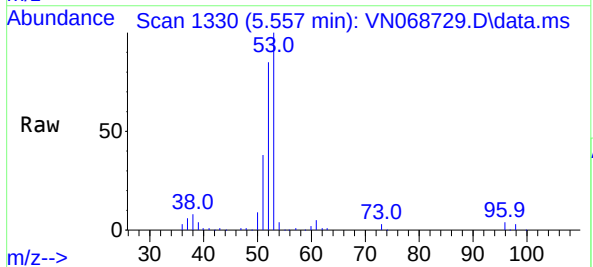
Manual Integrations
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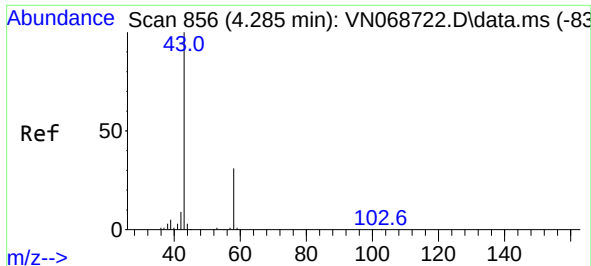
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#14
Acrylonitrile
Concen: 103.539 ug/l
RT: 5.557 min Scan# 1330
Delta R.T. -0.002 min
Lab File: VN068729.D
Acq: 28 Sep 2021 19:38

Tgt Ion: 53 Resp: 209620
Ion Ratio Lower Upper
53 100
52 82.5 41.8 125.4
51 36.7 19.0 57.0





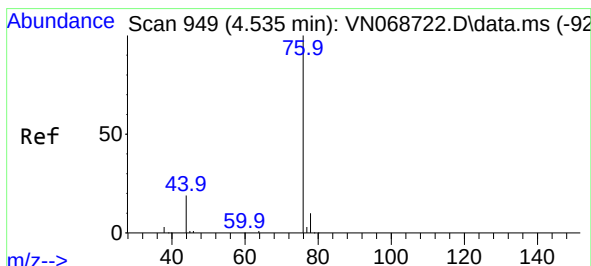
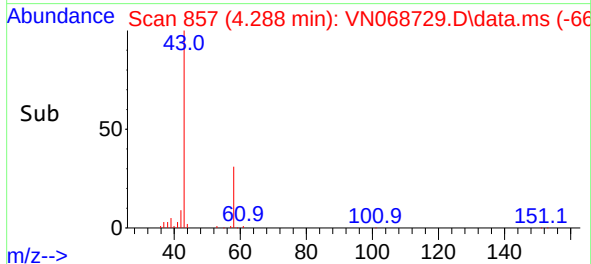
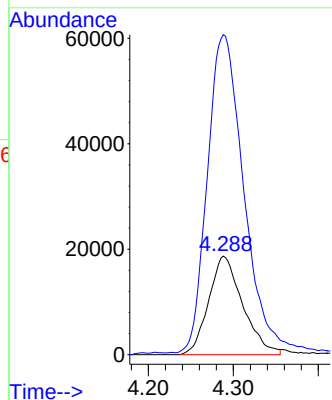
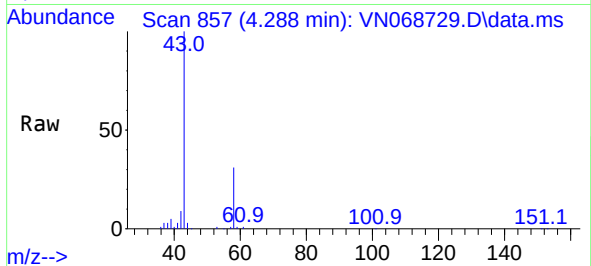
#15
Acetone
Concen: 92.930 ug/l
RT: 4.288 min Scan# 857
Delta R.T. 0.003 min
Lab File: VN068729.D
Acq: 28 Sep 2021 19:38

Tgt Ion: 58 Resp: 52117
Ion Ratio Lower Upper
58 100
43 321.4 256.6 384.8

Instrument :
MSVOA_N
ClientSampled :
VN0928WBS01

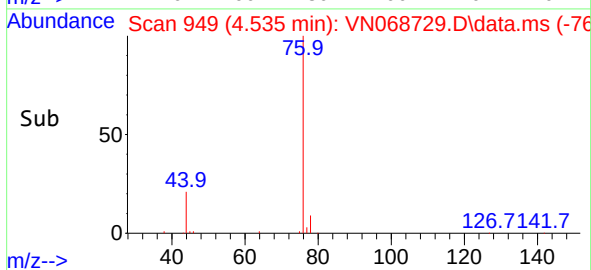
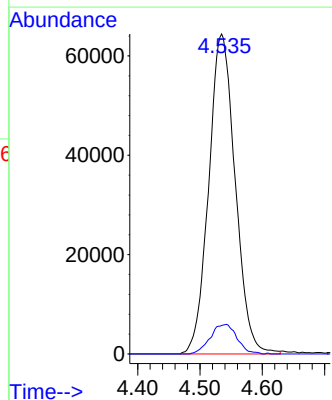
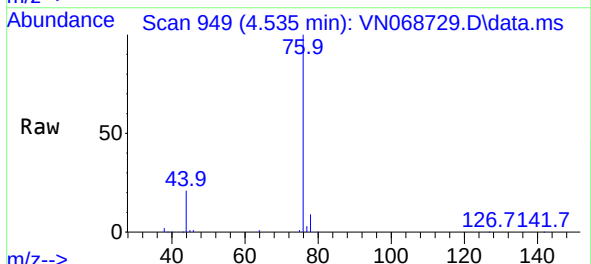
Manual Integrations
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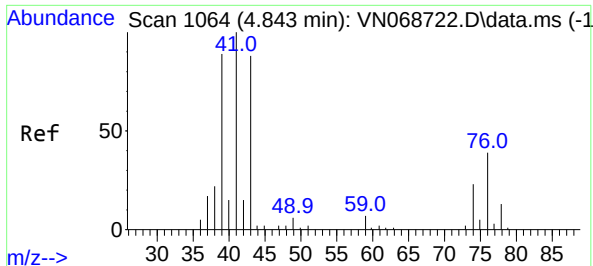
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#16
Carbon Disulfide
Concen: 19.242 ug/l
RT: 4.535 min Scan# 949
Delta R.T. -0.000 min
Lab File: VN068729.D
Acq: 28 Sep 2021 19:38

Tgt Ion: 76 Resp: 190197
Ion Ratio Lower Upper
76 100
78 8.9 7.8 11.8





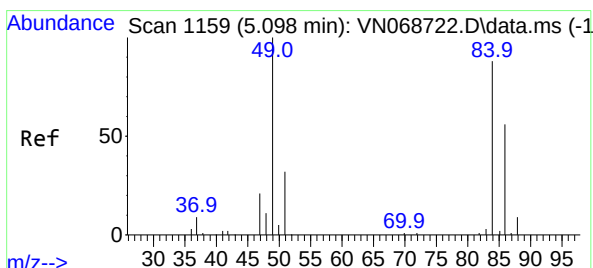
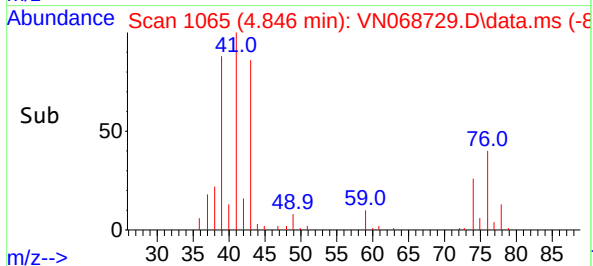
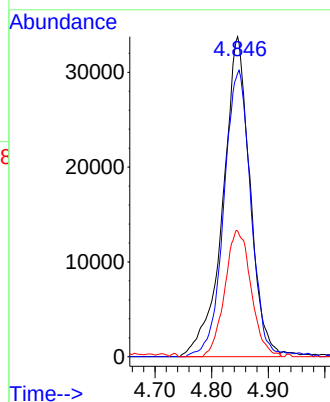
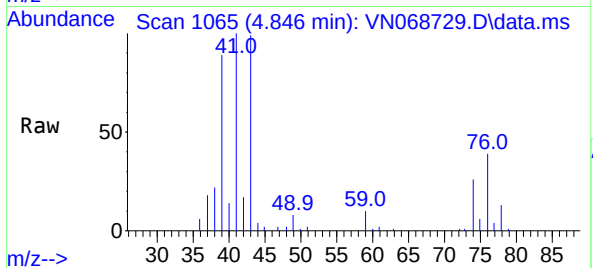
#17
 Allyl chloride
 Concen: 19.337 ug/l
 RT: 4.846 min Scan# 1065
 Delta R.T. 0.003 min
 Lab File: VN068729.D
 Acq: 28 Sep 2021 19:38

Tgt Ion:	41	Resp:	112152
Ion	Ratio	Lower	Upper
41	100		
39	88.6	44.6	134.0
76	39.3	19.6	58.7

Instrument :
 MSVOA_N
 ClientSampled :
 VN0928WBS01

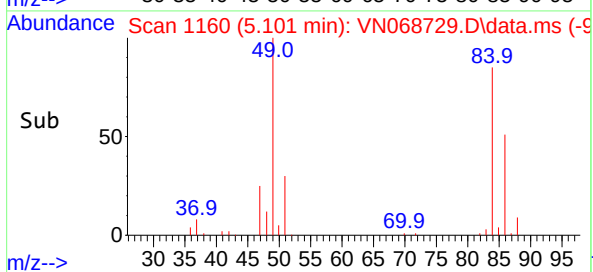
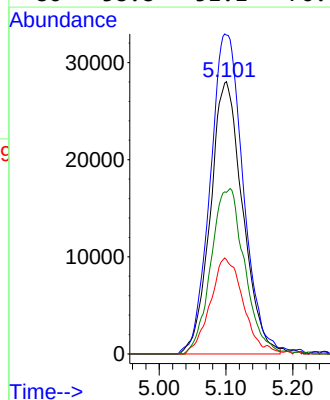
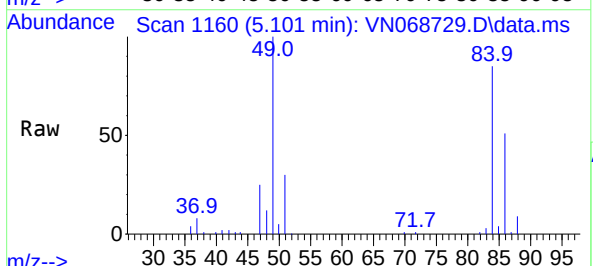
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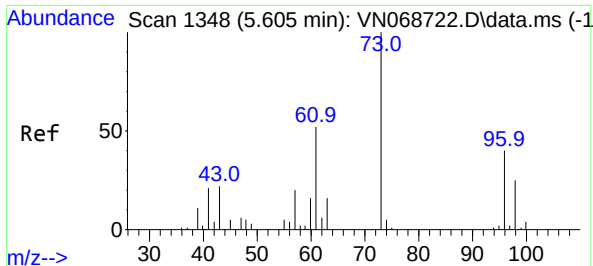
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#18
 Methylene Chloride
 Concen: 20.527 ug/l
 RT: 5.101 min Scan# 1160
 Delta R.T. 0.003 min
 Lab File: VN068729.D
 Acq: 28 Sep 2021 19:38

Tgt Ion:	84	Resp:	94112
Ion	Ratio	Lower	Upper
84	100		
49	116.2	91.4	137.0
51	34.7	29.4	44.0
86	58.8	51.1	76.7





#19

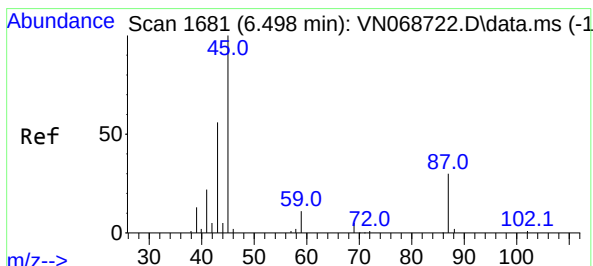
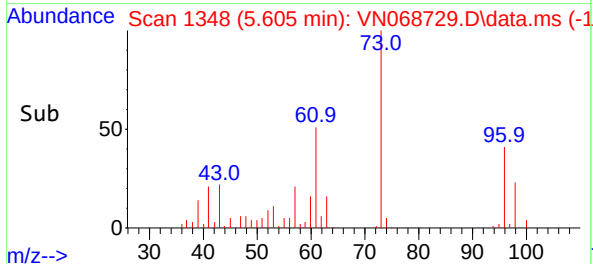
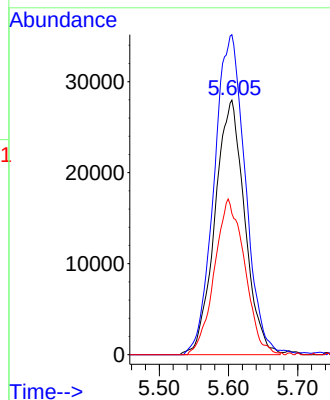
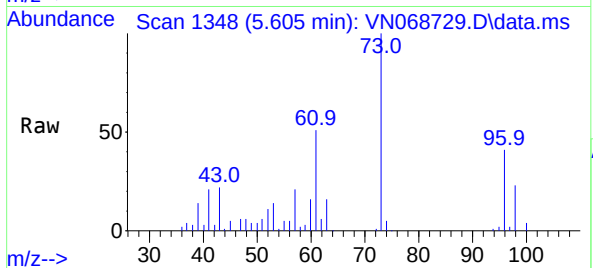
trans-1,2-Dichloroethene
Concen: 19.373 ug/l
RT: 5.605 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VN068729.D
Acq: 28 Sep 2021 19:38

Tgt Ion: 96 Resp: 83581
Ion Ratio Lower Upper
96 100
61 125.7 102.8 154.2
98 55.4 49.3 73.9

Instrument :
MSVOA_N
ClientSampled :
VN0928WBS01

Manual Integrations
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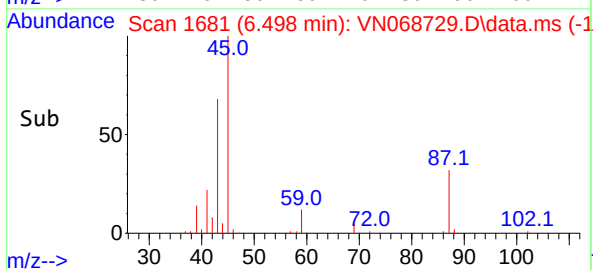
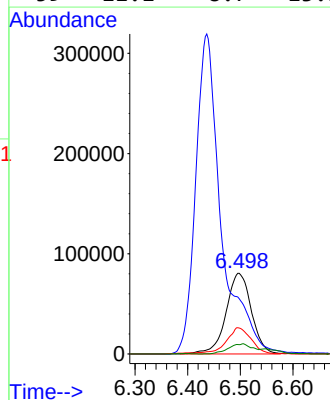
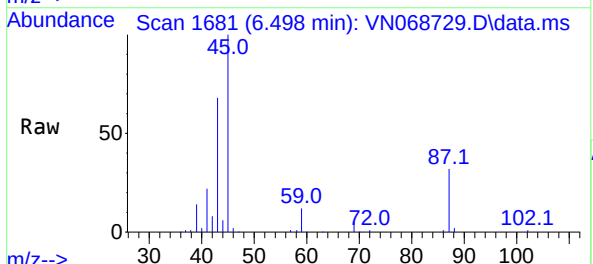
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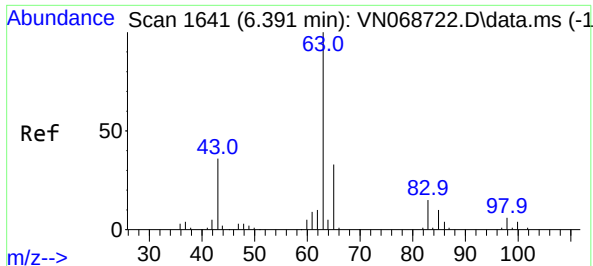


#20

Diisopropyl ether
Concen: 19.920 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VN068729.D
Acq: 28 Sep 2021 19:38

Tgt Ion: 45 Resp: 268642
Ion Ratio Lower Upper
45 100
43 64.9 51.0 76.4
87 31.8 25.0 37.4
59 11.1 8.7 13.1





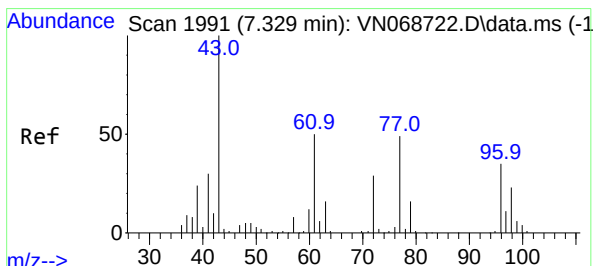
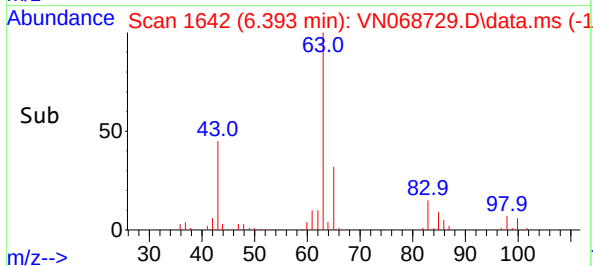
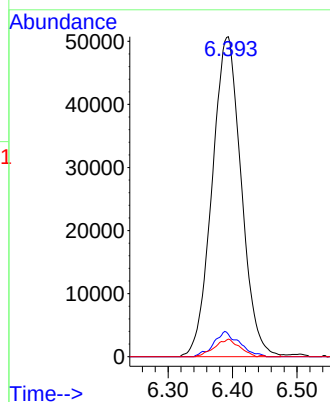
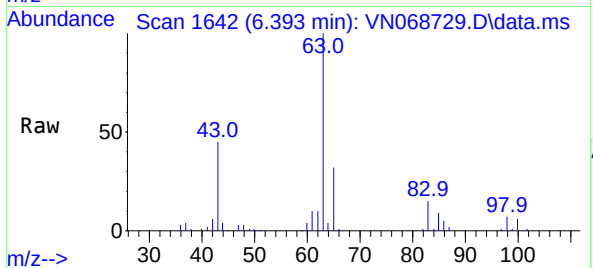
#21
1,1-Dichloroethane
Concen: 20.316 ug/l
RT: 6.393 min Scan# 1642
Delta R.T. 0.002 min
Lab File: VN068729.D
Acq: 28 Sep 2021 19:38

Tgt Ion: 63 Resp: 159047
Ion Ratio Lower Upper
63 100
98 7.0 3.2 9.6
100 5.5 2.1 6.2

Instrument :
MSVOA_N
ClientSampled :
VN0928WBS01

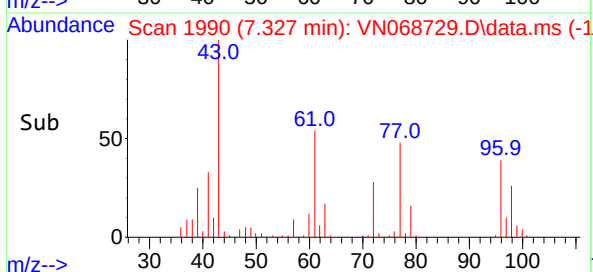
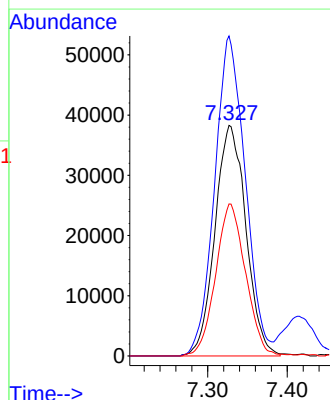
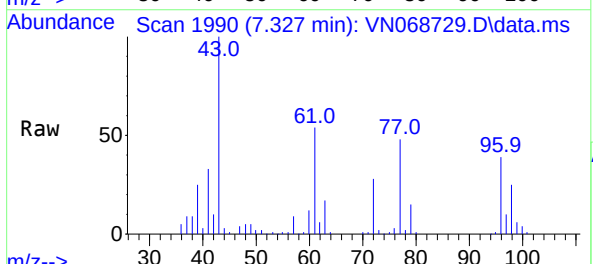
Manual Integrations
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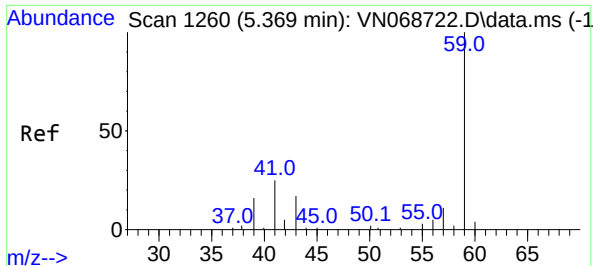
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#22
cis-1,2-Dichloroethene
Concen: 19.722 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. -0.002 min
Lab File: VN068729.D
Acq: 28 Sep 2021 19:38

Tgt Ion: 96 Resp: 103532
Ion Ratio Lower Upper
96 100
61 137.4 115.7 173.5
98 63.6 51.6 77.4





#23

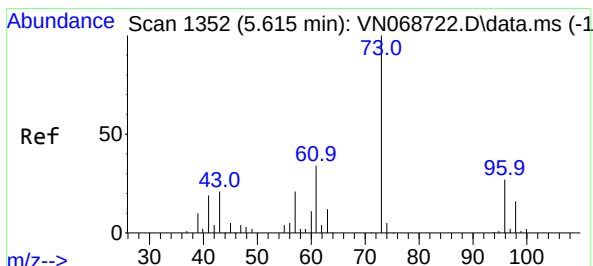
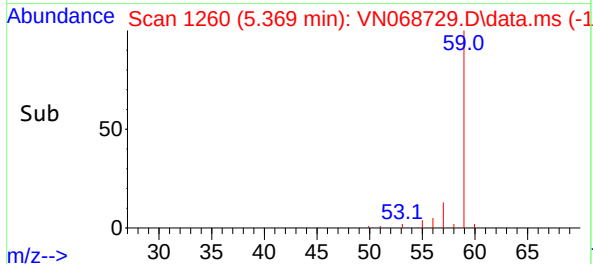
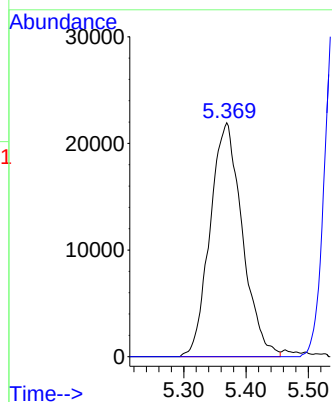
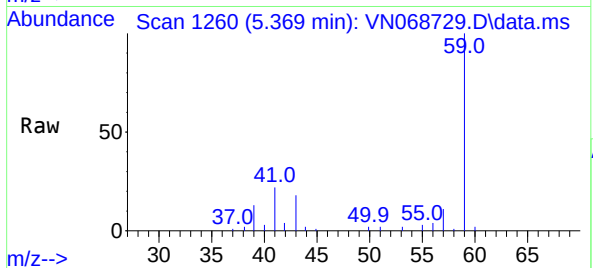
tert-Butyl Alcohol
Concen: 105.170 ug/l
RT: 5.369 min Scan# 1260
Delta R.T. -0.000 min
Lab File: VN068729.D
Acq: 28 Sep 2021 19:38

Tgt Ion: 59 Resp: 79003
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

Instrument :
MSVOA_N
ClientSampleId :
VN0928WBS01

Manual Integrations
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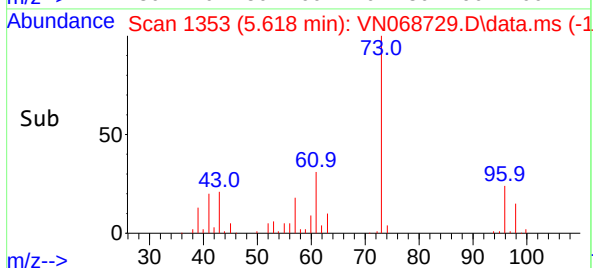
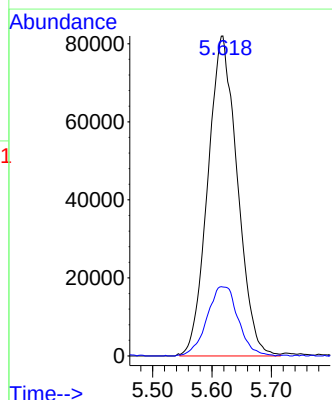
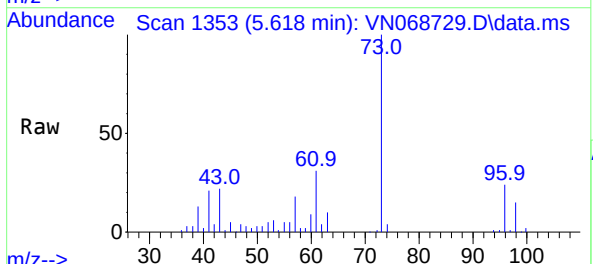
MMDadoda
9/30/2021 12:17:42 PM

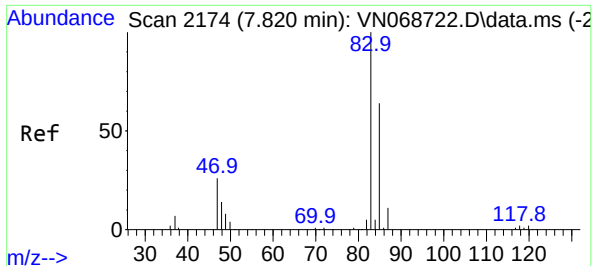


#24

Methyl tert-Butyl Ether
Concen: 19.764 ug/l
RT: 5.618 min Scan# 1353
Delta R.T. 0.003 min
Lab File: VN068729.D
Acq: 28 Sep 2021 19:38

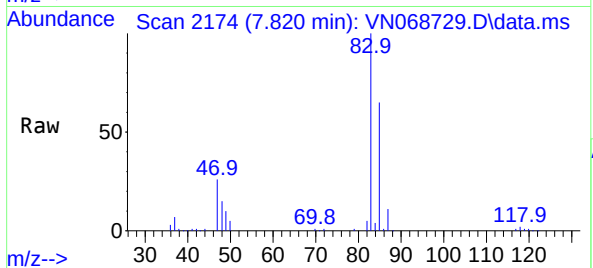
Tgt Ion: 73 Resp: 283379
Ion Ratio Lower Upper
73 100
43 22.9 18.1 27.1





#25
Chloroform
Concen: 20.328 ug/l
RT: 7.820 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN068729.D
Acq: 28 Sep 2021 19:38

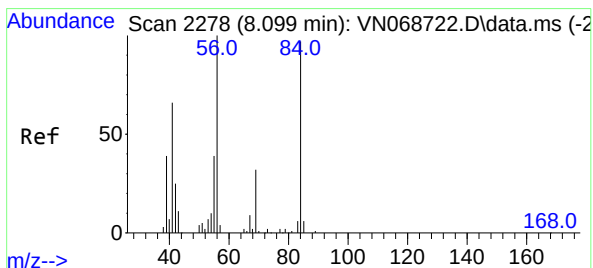
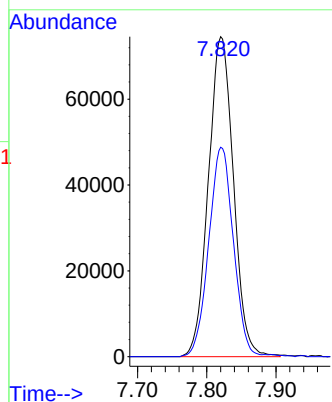
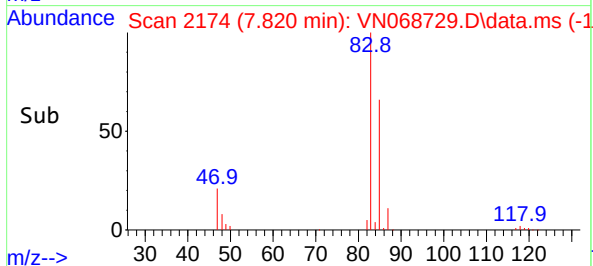
Instrument :
MSVOA_N
ClientSampleId :
VN0928WBS01



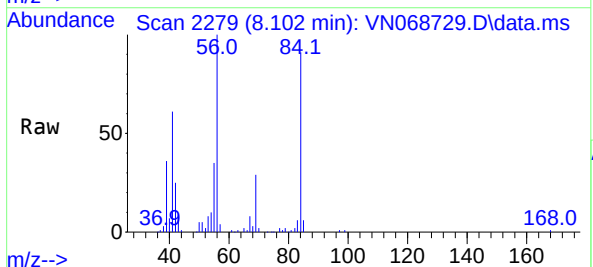
Tgt Ion: 83 Resp: 187634
Ion Ratio Lower Upper
83 100
85 65.4 51.3 76.9

Manual Integrations
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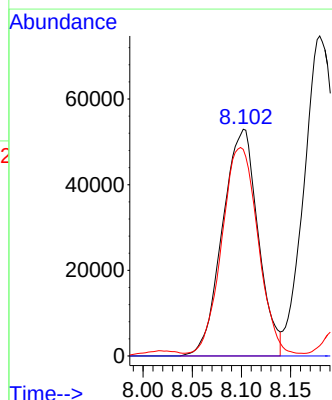
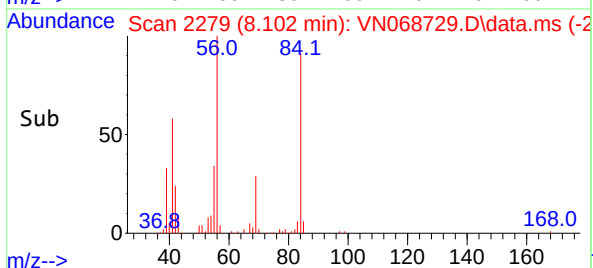
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9/30/2021 12:17:42 PM

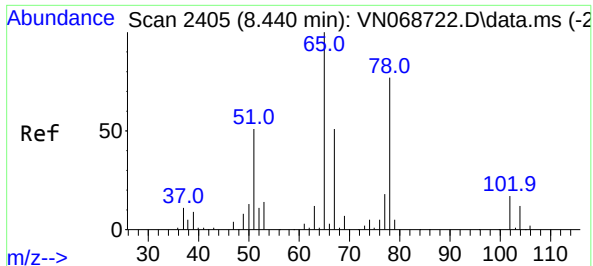


#26
Cyclohexane
Concen: 19.642 ug/l
RT: 8.102 min Scan# 2279
Delta R.T. 0.003 min
Lab File: VN068729.D
Acq: 28 Sep 2021 19:38



Tgt Ion: 56 Resp: 133845
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 94.4 74.6 111.8





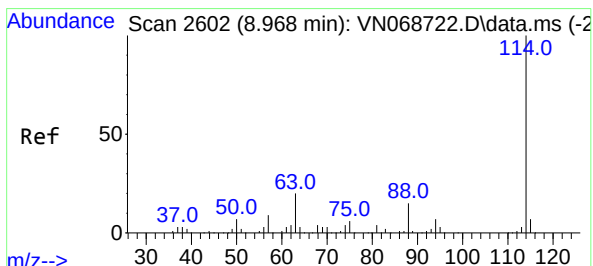
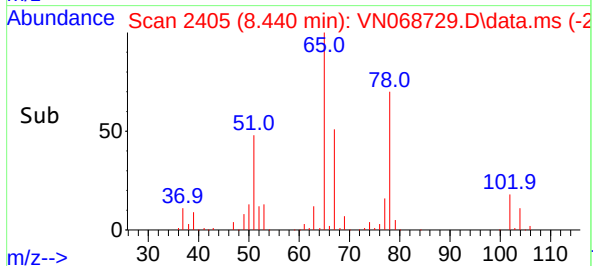
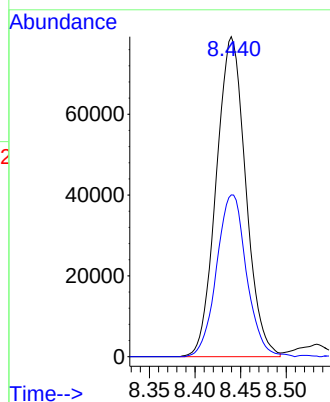
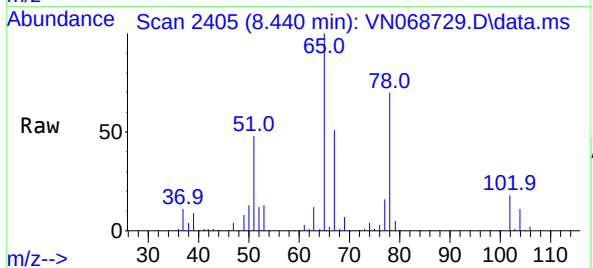
#27
1,2-Dichloroethane-d4
Concen: 31.185 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN068729.D
Acq: 28 Sep 2021 19:38

Tgt Ion: 65 Resp: 177934
Ion Ratio Lower Upper
65 100
67 51.3 40.2 60.2

Instrument :
MSVOA_N
ClientSampled :
VN0928WBS01

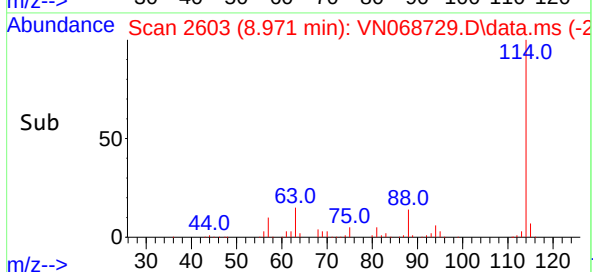
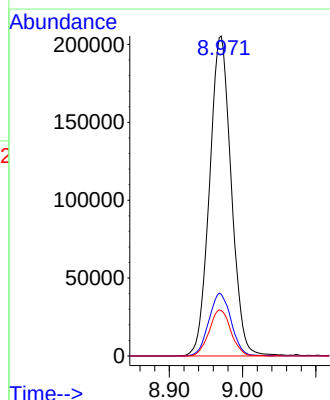
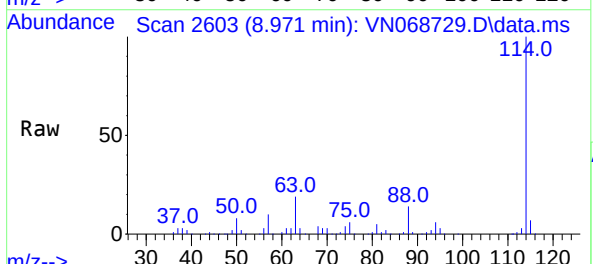
Manual Integrations
APPROVED

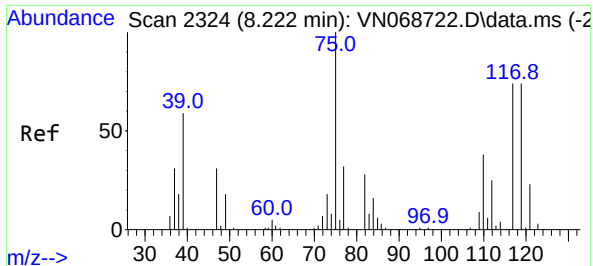
MMDadoda
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#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068729.D
Acq: 28 Sep 2021 19:38

Tgt Ion: 114 Resp: 421932
Ion Ratio Lower Upper
114 100
63 20.1 15.8 23.6
88 14.4 11.6 17.4





#29
1,1-Dichloropropene
Concen: 18.943 ug/l
RT: 8.225 min Scan# 2325
Delta R.T. 0.003 min
Lab File: VN068729.D
Acq: 28 Sep 2021 19:38

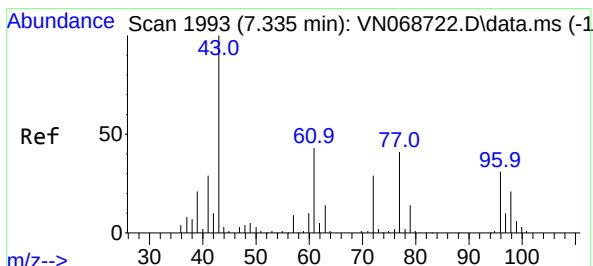
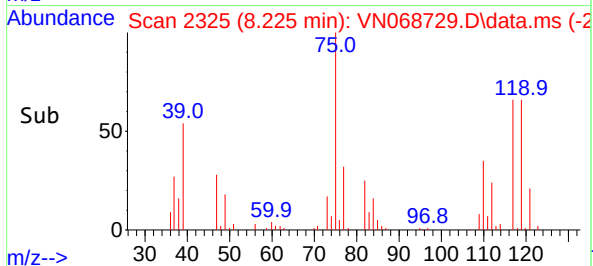
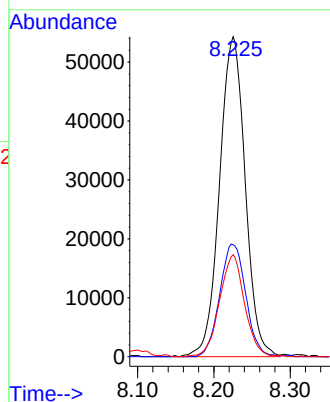
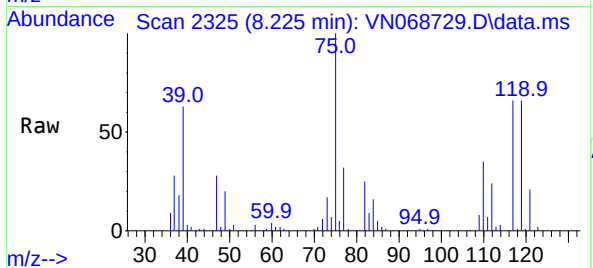
Tgt Ion: 75 Resp: 127013

Ion	Ratio	Lower	Upper
75	100		
110	35.7	0.0	74.2
77	30.9	0.0	63.2

Instrument :
MSVOA_N
ClientSampled :
VN0928WBS01

Manual Integrations
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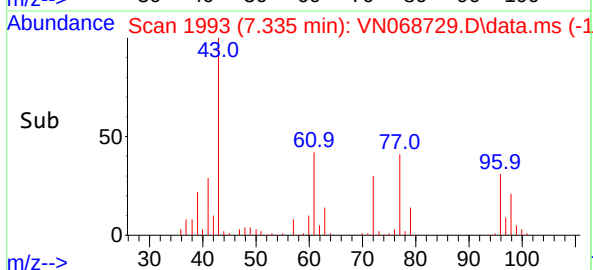
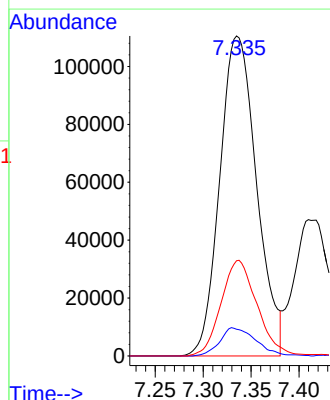
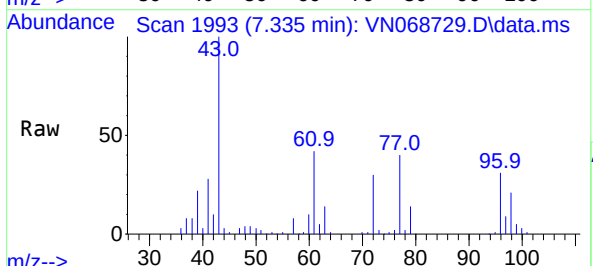
MMDadoda
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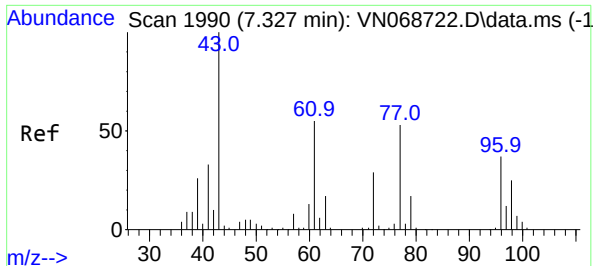


#30
2-Butanone
Concen: 98.133 ug/l
RT: 7.335 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN068729.D
Acq: 28 Sep 2021 19:38

Tgt Ion: 43 Resp: 295548

Ion	Ratio	Lower	Upper
43	100		
57	8.7	6.7	10.1
72	29.2	23.2	34.8





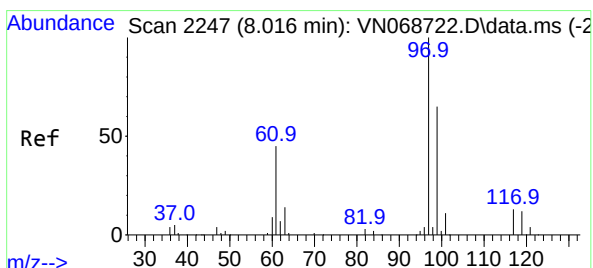
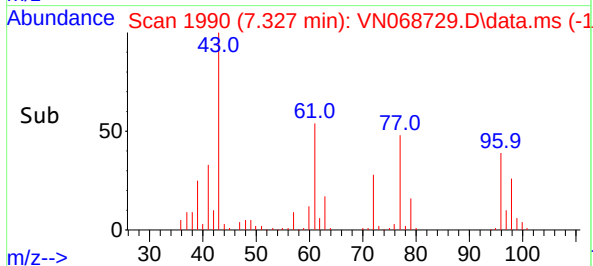
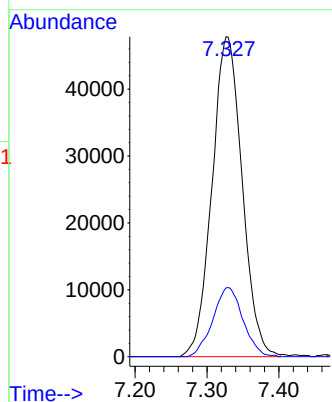
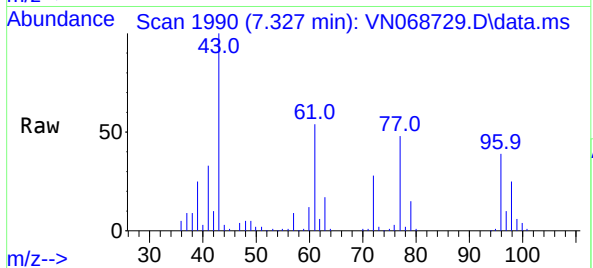
#31
2,2-Dichloropropane
Concen: 18.031 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. -0.000 min
Lab File: VN068729.D
Acq: 28 Sep 2021 19:38

Tgt Ion: 77 Resp: 138926
Ion Ratio Lower Upper
77 100
97 21.6 18.3 27.5

Instrument :
MSVOA_N
ClientSampled :
VN0928WBS01

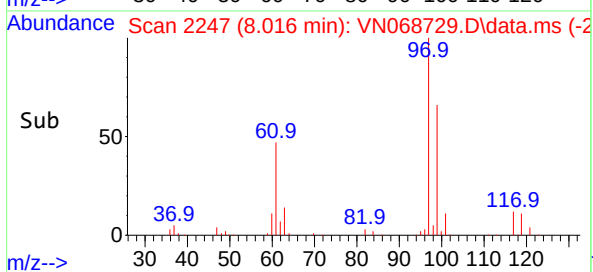
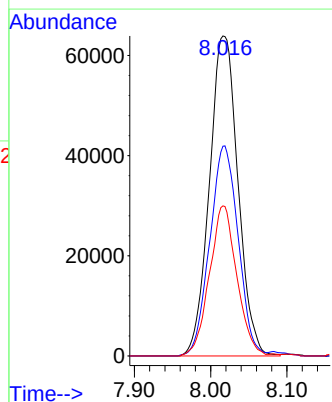
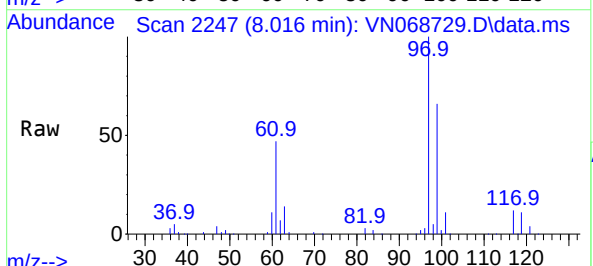
Manual Integrations
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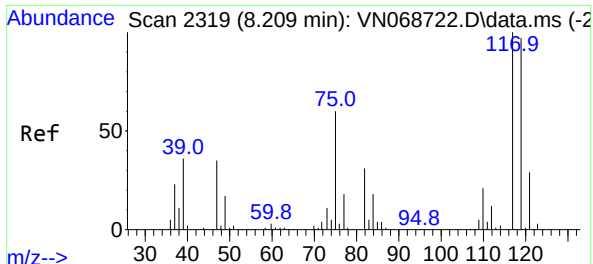
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#32
1,1,1-Trichloroethane
Concen: 19.380 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. -0.000 min
Lab File: VN068729.D
Acq: 28 Sep 2021 19:38

Tgt Ion: 97 Resp: 166529
Ion Ratio Lower Upper
97 100
99 65.1 50.4 75.6
61 45.0 34.6 51.8





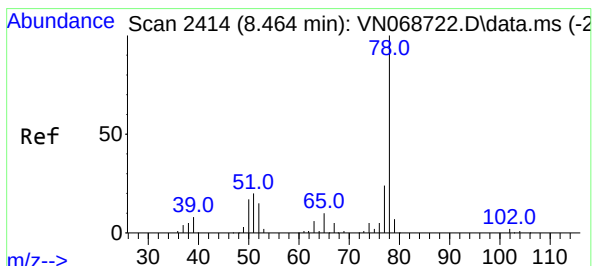
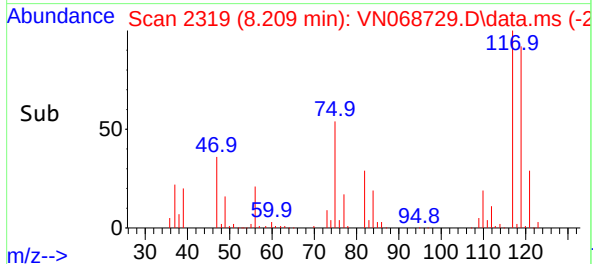
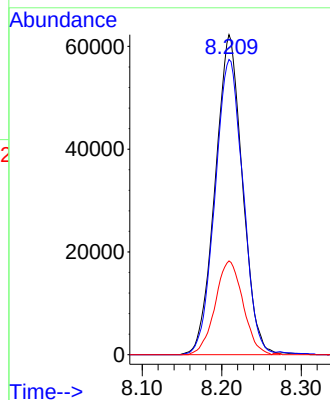
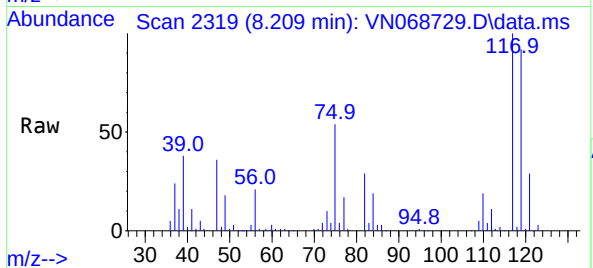
#33
Carbon Tetrachloride
Concen: 19.380 ug/l
RT: 8.209 min Scan# 2319
Delta R.T. 0.000 min
Lab File: VN068729.D
Acq: 28 Sep 2021 19:38

Tgt Ion:117 Resp: 148023
Ion Ratio Lower Upper
117 100
119 92.2 77.5 116.3
121 29.3 23.5 35.3

Instrument :
MSVOA_N
ClientSampled :
VN0928WBS01

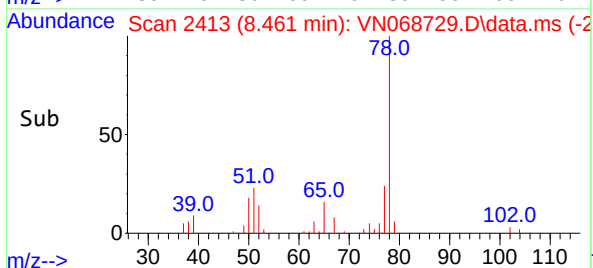
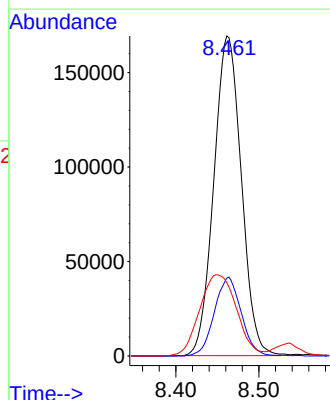
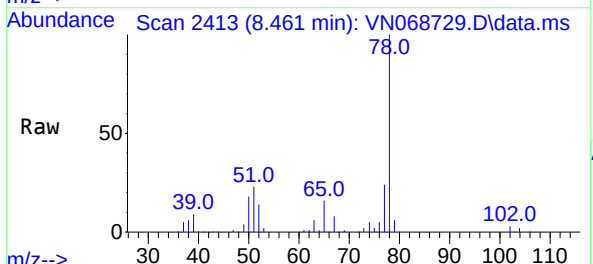
Manual Integrations
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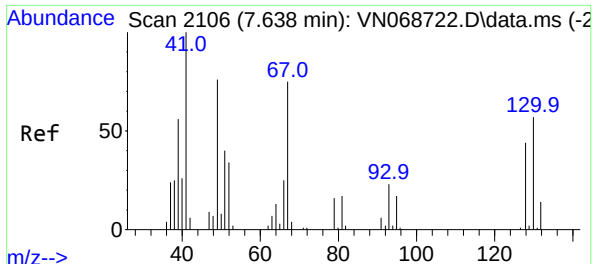
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#34
Benzene
Concen: 19.556 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. -0.003 min
Lab File: VN068729.D
Acq: 28 Sep 2021 19:38

Tgt Ion: 78 Resp: 388988
Ion Ratio Lower Upper
78 100
77 24.4 19.1 28.7
51 21.8 16.0 24.0





#35
Methacrylonitrile
Concen: 18.764 ug/l
RT: 7.638 min Scan# 2106
Delta R.T. -0.000 min
Lab File: VN068729.D
Acq: 28 Sep 2021 19:38

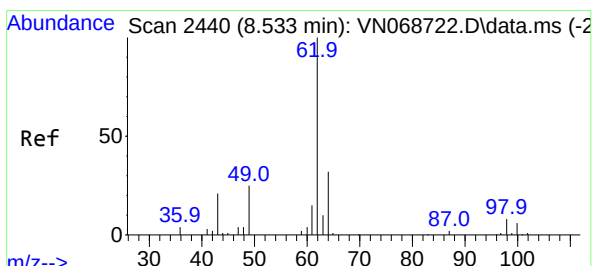
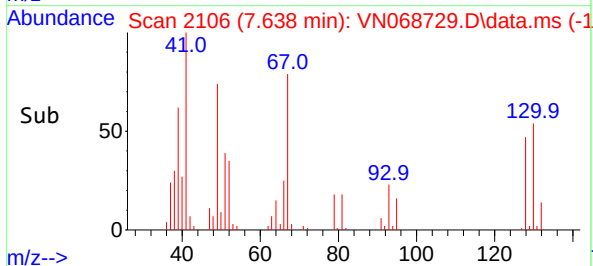
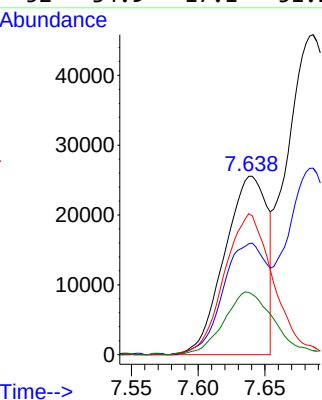
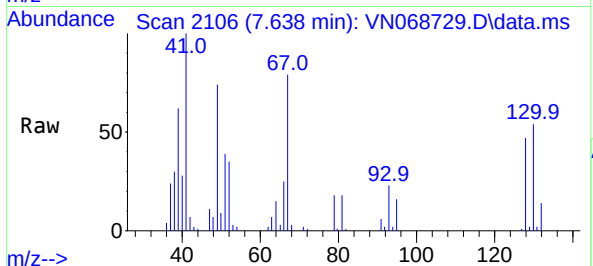
Tgt Ion: 41 Resp: 56629

Ion	Ratio	Lower	Upper
41	100		
39	61.3	28.0	83.9
67	79.0	37.7	113.1
52	34.9	17.1	51.2

Instrument :
MSVOA_N
ClientSampled :
VN0928WBS01

Manual Integrations
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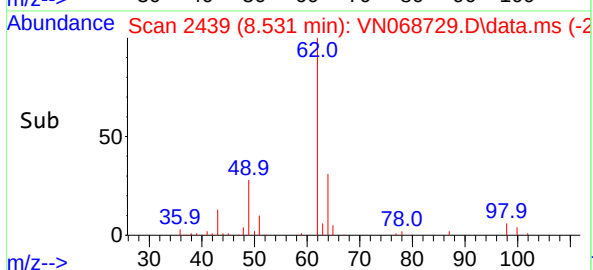
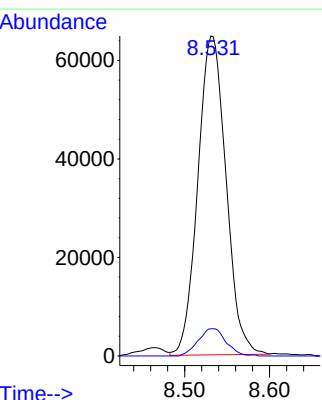
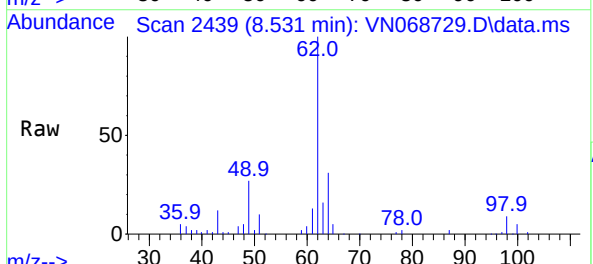
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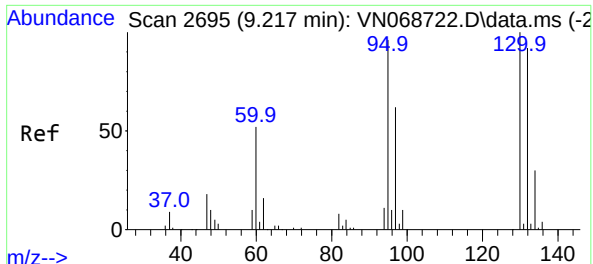


#36
1,2-Dichloroethane
Concen: 20.034 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. -0.002 min
Lab File: VN068729.D
Acq: 28 Sep 2021 19:38

Tgt Ion: 62 Resp: 149085

Ion	Ratio	Lower	Upper
62	100		
98	8.4	6.6	10.0





#37

Trichloroethene

Concen: 18.986 ug/l

RT: 9.217 min Scan# 2695

Delta R.T. 0.000 min

Lab File: VN068729.D

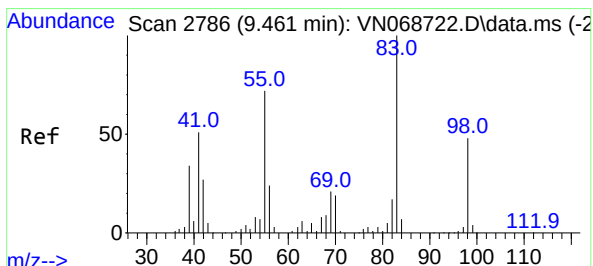
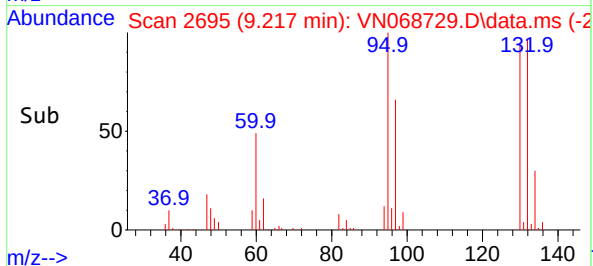
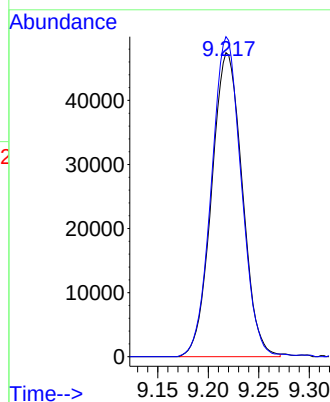
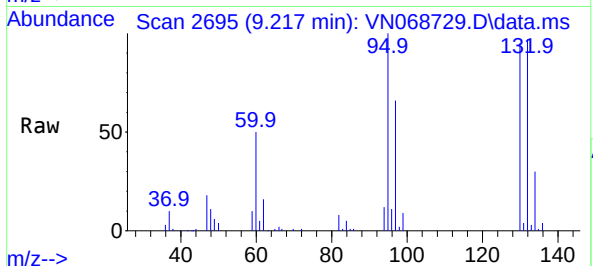
Acq: 28 Sep 2021 19:38

Tgt Ion:130 Resp: 99858

Ion Ratio Lower Upper

130 100

95 104.9 76.6 115.0



#38

Methylcyclohexane

Concen: 18.273 ug/l

RT: 9.462 min Scan# 2786

Delta R.T. 0.001 min

Lab File: VN068729.D

Acq: 28 Sep 2021 19:38

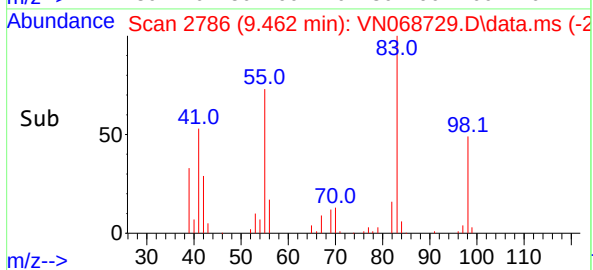
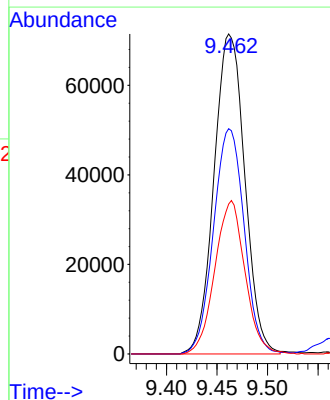
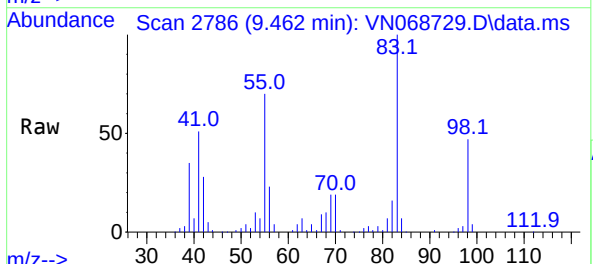
Tgt Ion: 83 Resp: 151667

Ion Ratio Lower Upper

83 100

55 70.1 35.1 105.3

98 46.9 23.4 70.2



Instrument :

MSVOA_N

ClientSampleId :

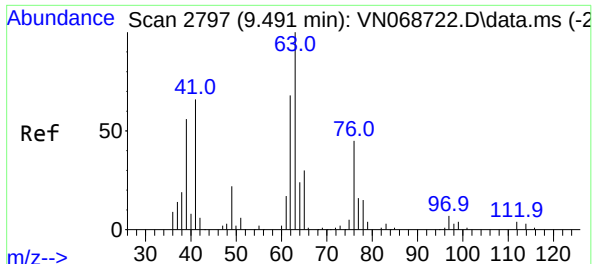
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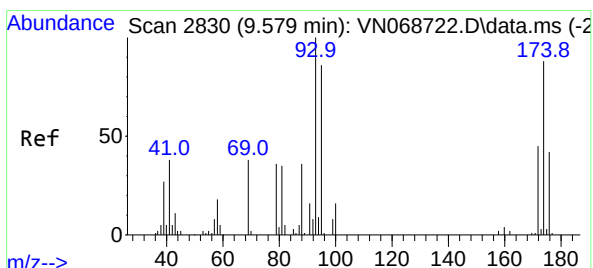
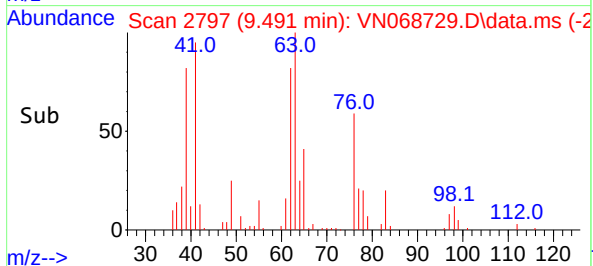
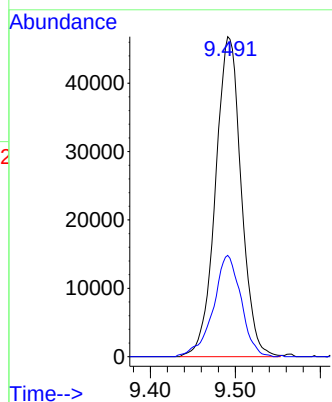
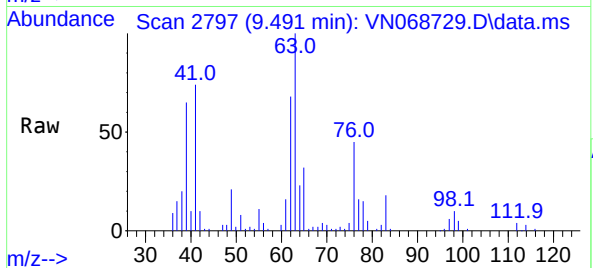
#39
1,2-Dichloropropane
Concen: 20.008 ug/l
RT: 9.491 min Scan# 2797
Delta R.T. 0.000 min
Lab File: VN068729.D
Acq: 28 Sep 2021 19:38

Tgt Ion: 63 Resp: 98586
Ion Ratio Lower Upper
63 100
65 31.3 24.2 36.4

Instrument :
MSVOA_N
ClientSampled :
VN0928WBS01

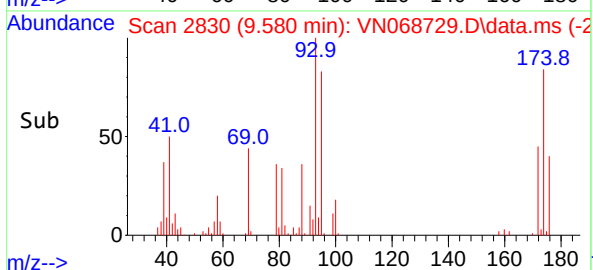
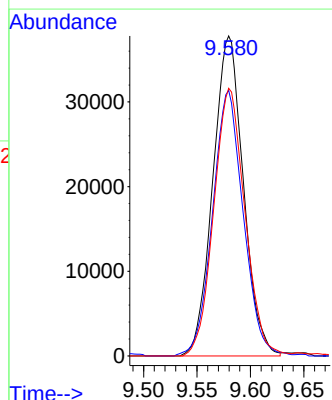
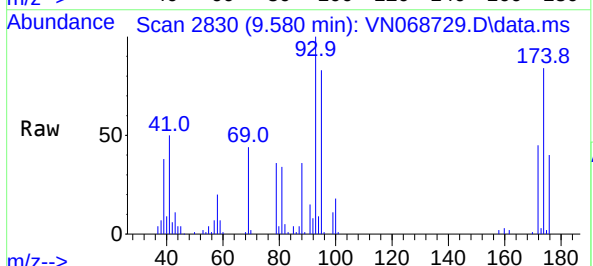
Manual Integrations
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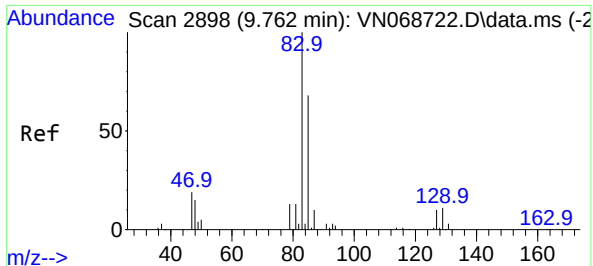
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#40
Dibromomethane
Concen: 19.262 ug/l
RT: 9.580 min Scan# 2830
Delta R.T. 0.001 min
Lab File: VN068729.D
Acq: 28 Sep 2021 19:38

Tgt Ion: 93 Resp: 74914
Ion Ratio Lower Upper
93 100
95 83.7 0.0 168.8
174 85.5 0.0 173.6





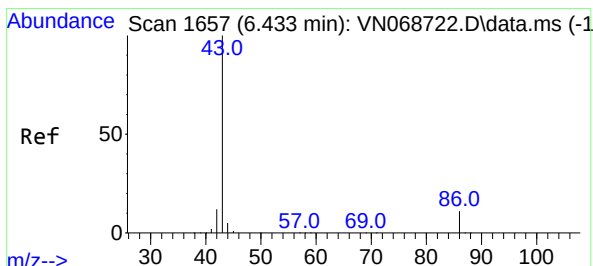
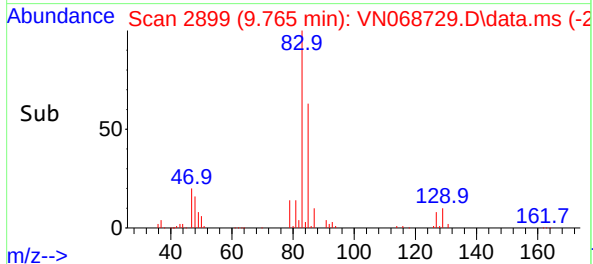
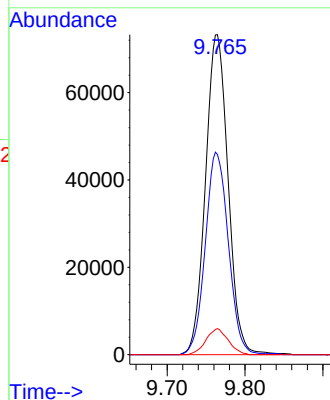
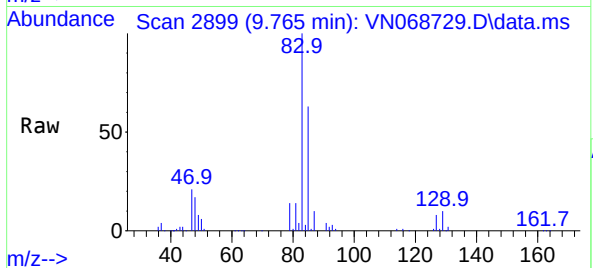
#41
Bromodichloromethane
Concen: 19.403 ug/l
RT: 9.765 min Scan# 2899
Delta R.T. 0.003 min
Lab File: VN068729.D
Acq: 28 Sep 2021 19:38

Tgt Ion: 83 Resp: 147918
Ion Ratio Lower Upper
83 100
85 62.6 54.1 81.1
127 8.2 7.6 11.4

Instrument :
MSVOA_N
ClientSampleId :
VN0928WBS01

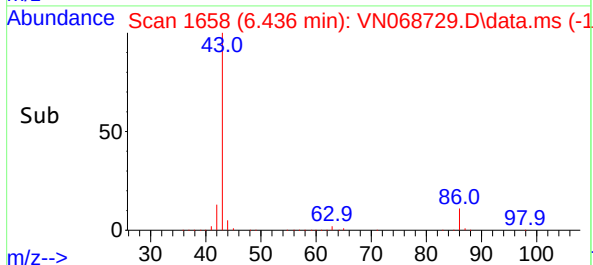
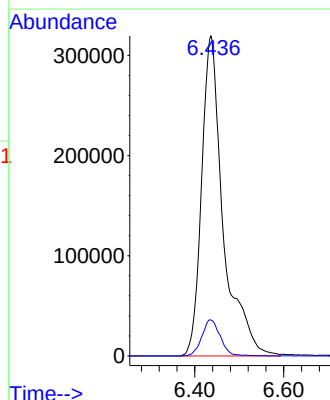
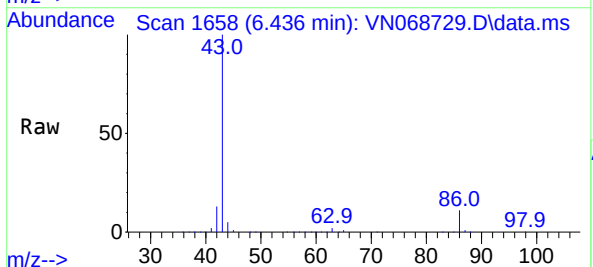
Manual Integrations
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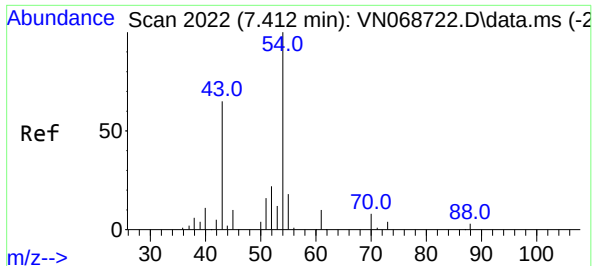
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#42
Vinyl Acetate
Concen: 96.605 ug/l
RT: 6.436 min Scan# 1658
Delta R.T. 0.003 min
Lab File: VN068729.D
Acq: 28 Sep 2021 19:38

Tgt Ion: 43 Resp: 1077346
Ion Ratio Lower Upper
43 100
86 9.5 7.5 11.3





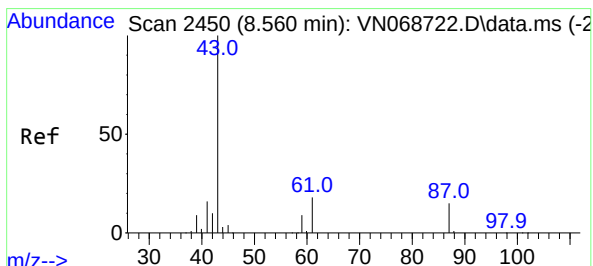
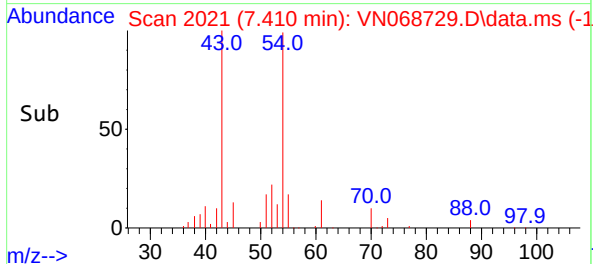
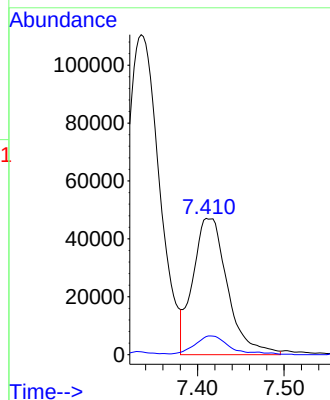
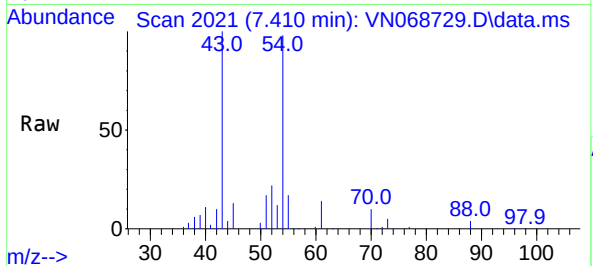
#43
Ethyl Acetate
Concen: 21.814 ug/l m
RT: 7.410 min Scan# 2021
Delta R.T. -0.002 min
Lab File: VN068729.D
Acq: 28 Sep 2021 19:38

Tgt Ion: 43 Resp: 131326
Ion Ratio Lower Upper
43 100
45 11.6 10.6 16.0

Instrument :
MSVOA_N
ClientSampleId :
VN0928WBS01

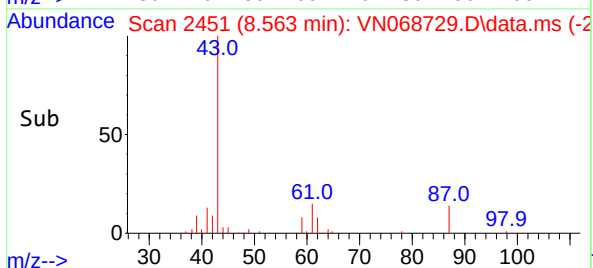
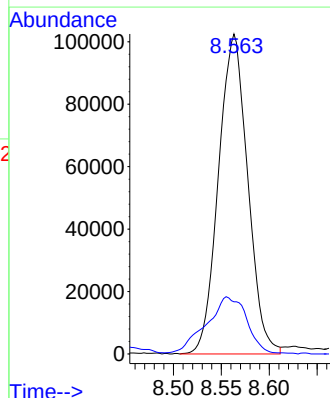
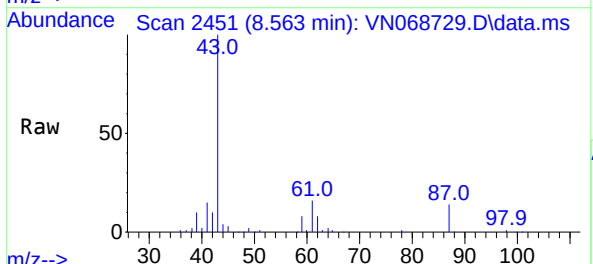
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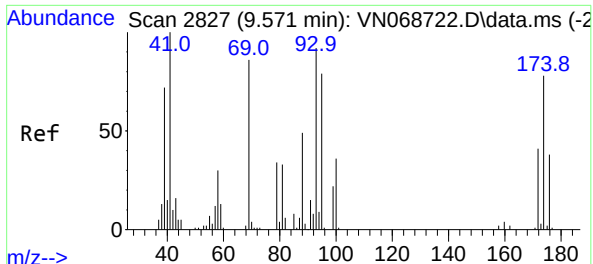
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#44
Isopropyl Acetate
Concen: 19.947 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. 0.003 min
Lab File: VN068729.D
Acq: 28 Sep 2021 19:38

Tgt Ion: 43 Resp: 217507
Ion Ratio Lower Upper
43 100
61 25.0 20.1 30.1





#45
1,4-Dioxane
Concen: 413.225 ug/l
RT: 9.574 min Scan# 2828
Delta R.T. 0.003 min
Lab File: VN068729.D
Acq: 28 Sep 2021 19:38

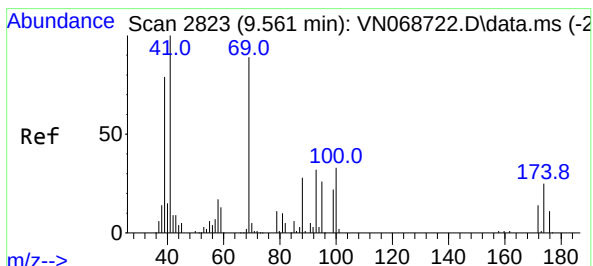
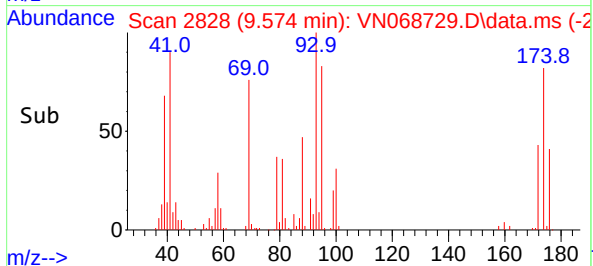
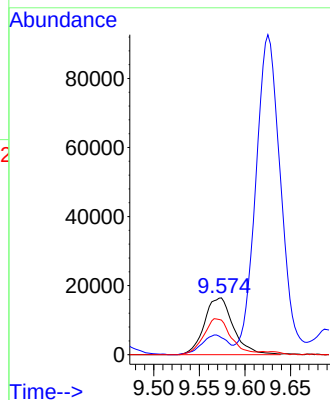
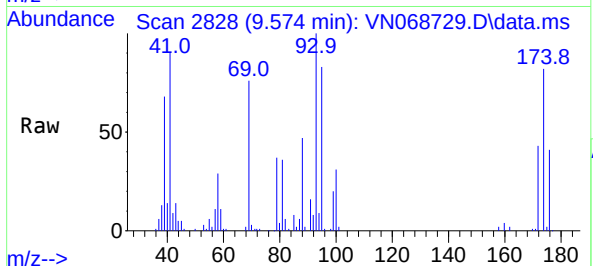
Tgt Ion: 88 Resp: 36481

Ion	Ratio	Lower	Upper
88	100		
43	31.0	25.0	37.6
58	59.3	49.4	74.2

Instrument :
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ClientSampled :
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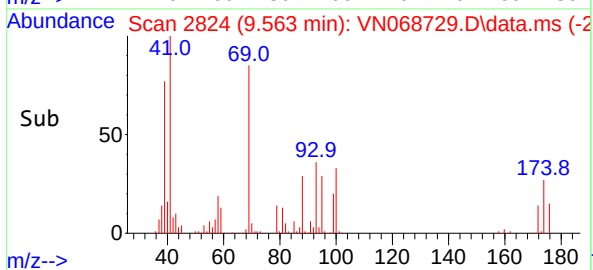
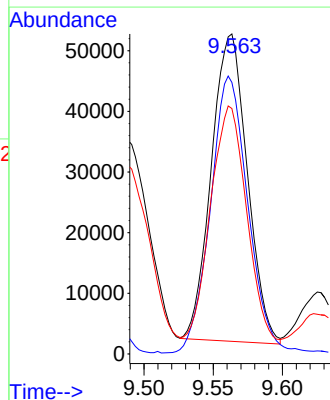
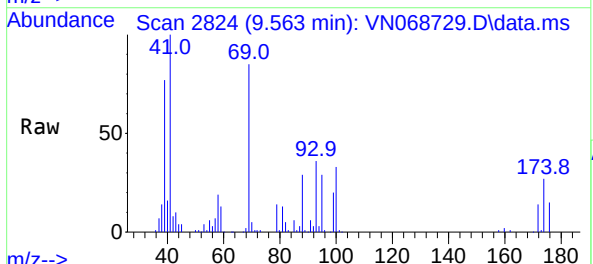
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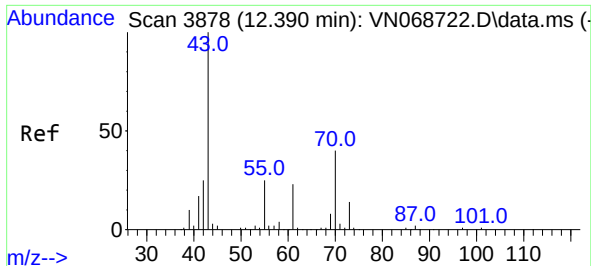


#46
Methyl methacrylate
Concen: 18.986 ug/l
RT: 9.563 min Scan# 2824
Delta R.T. 0.002 min
Lab File: VN068729.D
Acq: 28 Sep 2021 19:38

Tgt Ion: 41 Resp: 91563

Ion	Ratio	Lower	Upper
41	100		
69	87.7	44.4	133.2
39	75.9	39.9	119.6





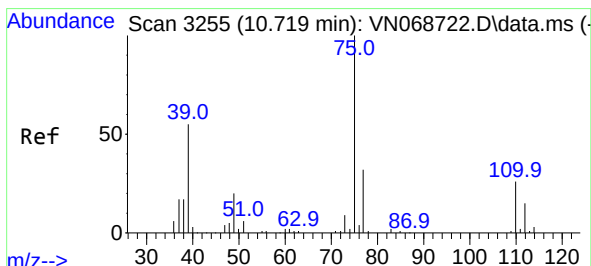
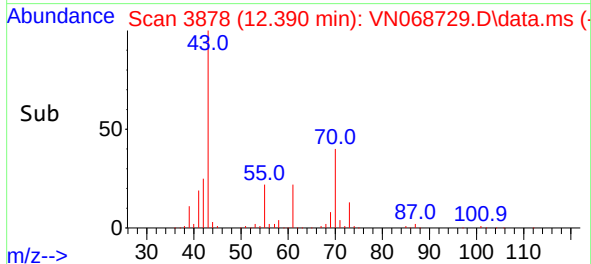
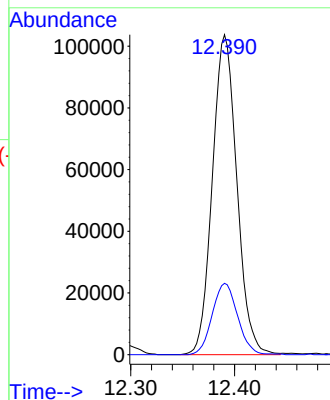
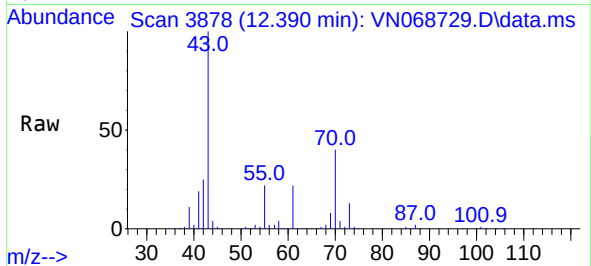
#47
n-amy1 Acetate
Concen: 18.408 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. 0.000 min
Lab File: VN068729.D
Acq: 28 Sep 2021 19:38

Tgt Ion: 43 Resp: 169981
Ion Ratio Lower Upper
43 100
55 23.0 19.0 28.6

Instrument :
MSVOA_N
ClientSampled :
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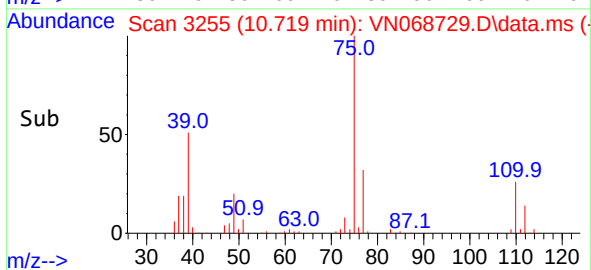
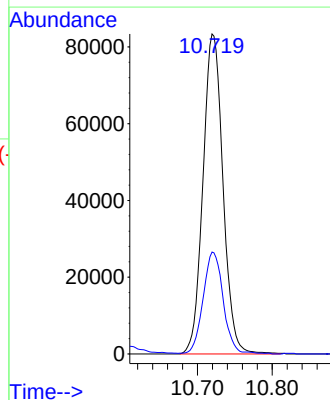
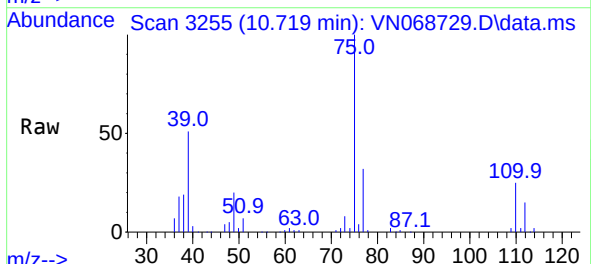
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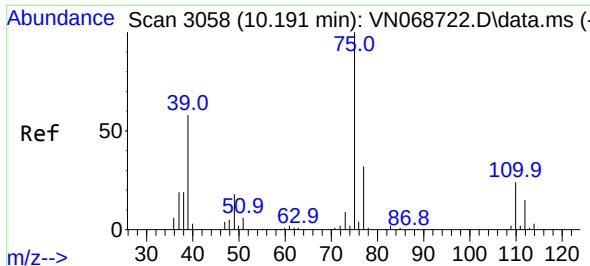
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#48
t-1,3-Dichloropropene
Concen: 18.745 ug/l
RT: 10.719 min Scan# 3255
Delta R.T. 0.000 min
Lab File: VN068729.D
Acq: 28 Sep 2021 19:38

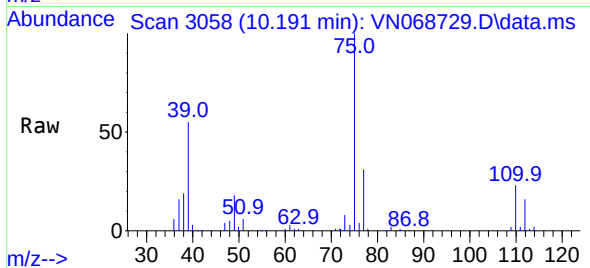
Tgt Ion: 75 Resp: 155300
Ion Ratio Lower Upper
75 100
77 31.9 25.3 37.9





#49
cis-1,3-Dichloropropene
Concen: 18.894 ug/l
RT: 10.191 min Scan# 3058
Delta R.T. 0.000 min
Lab File: VN068729.D
Acq: 28 Sep 2021 19:38

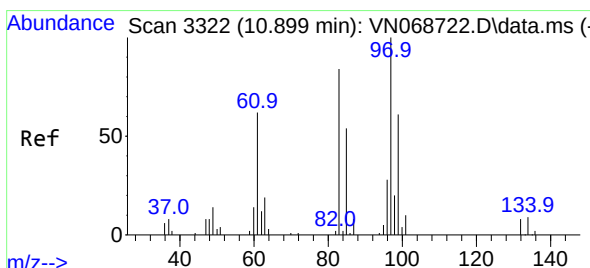
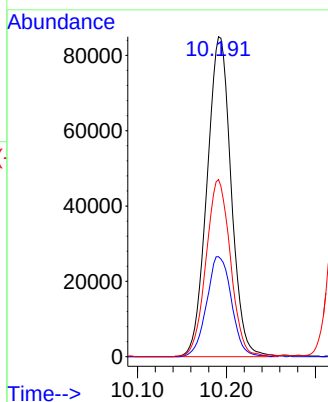
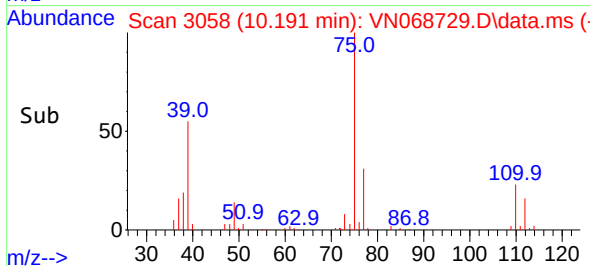
Instrument :
MSVOA_N
ClientSampled :
VN0928WBS01



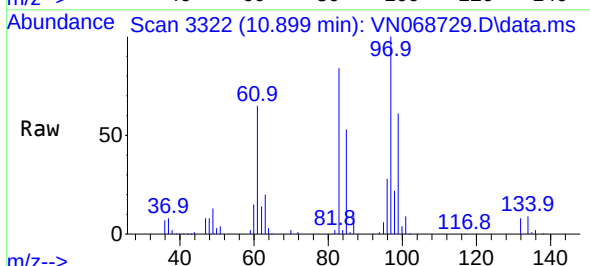
Tgt Ion: 75 Resp: 160079
Ion Ratio Lower Upper
75 100
77 31.2 25.3 37.9
39 55.1 46.2 69.4

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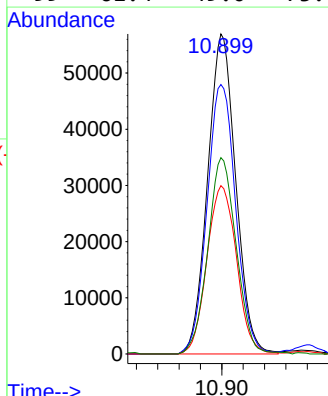
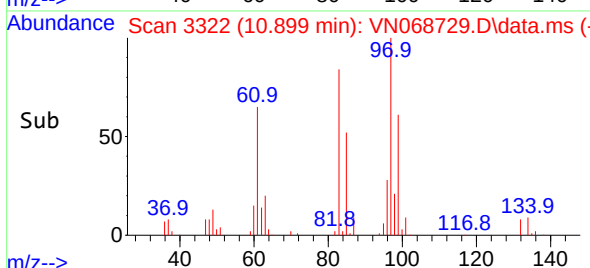
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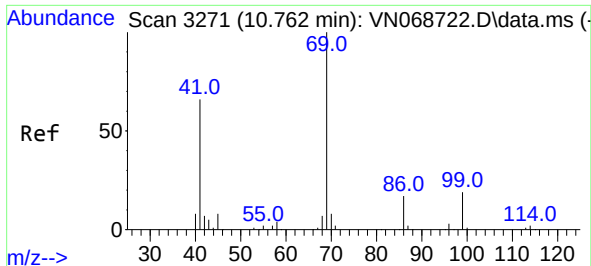


#50
1,1,2-Trichloroethane
Concen: 19.325 ug/l
RT: 10.899 min Scan# 3322
Delta R.T. 0.000 min
Lab File: VN068729.D
Acq: 28 Sep 2021 19:38

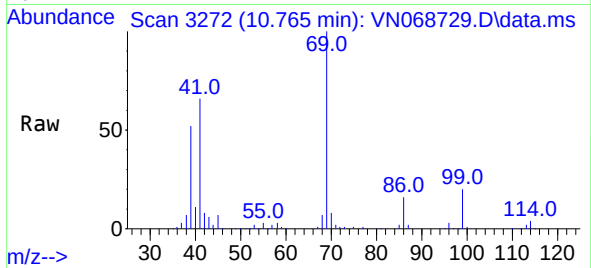


Tgt Ion: 97 Resp: 104150
Ion Ratio Lower Upper
97 100
83 84.2 67.2 100.8
85 52.6 43.0 64.4
99 61.4 49.0 73.4

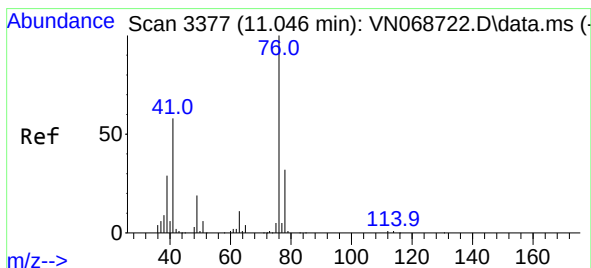
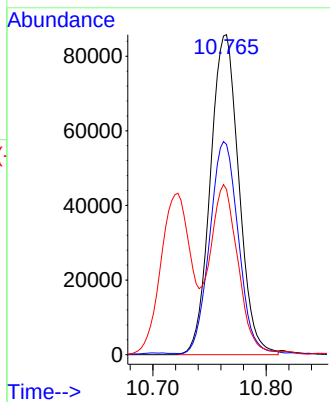
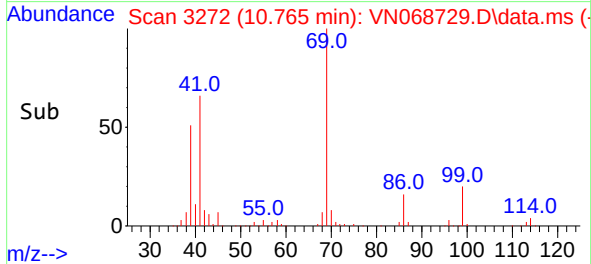




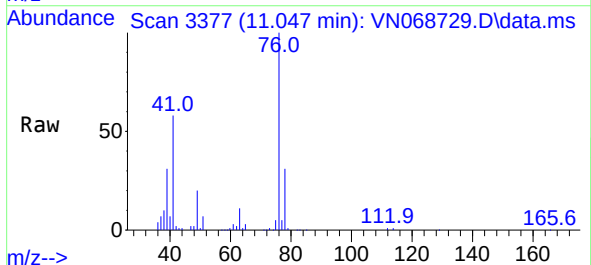
#51
Ethyl methacrylate
Concen: 18.482 ug/l
RT: 10.765 min Scan# 3272
Delta R.T. 0.003 min
Lab File: VN068729.D
Acq: 28 Sep 2021 19:38



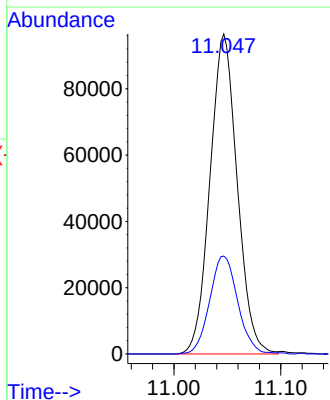
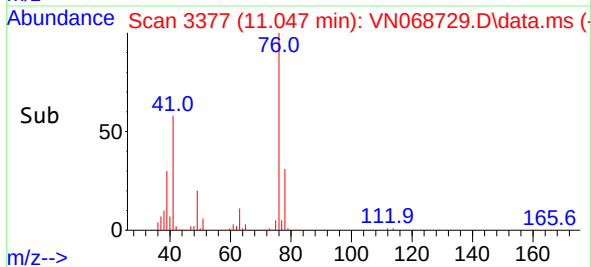
Tgt Ion: 69 Resp: 150029
Ion Ratio Lower Upper
69 100
41 65.3 33.0 98.9
39 50.7 25.4 76.4



#52
1,3-Dichloropropane
Concen: 19.607 ug/l
RT: 11.047 min Scan# 3377
Delta R.T. 0.001 min
Lab File: VN068729.D
Acq: 28 Sep 2021 19:38



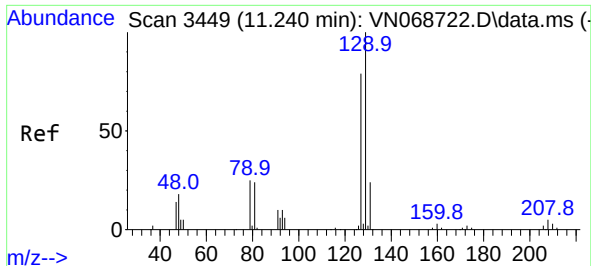
Tgt Ion: 76 Resp: 171002
Ion Ratio Lower Upper
76 100
78 31.4 0.0 65.4



Instrument :
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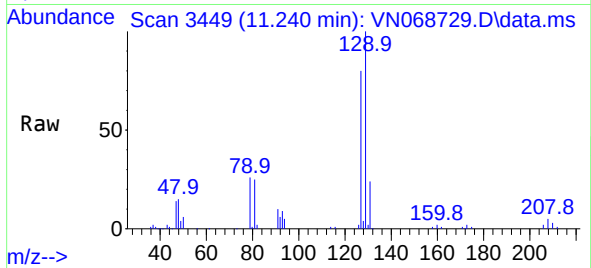
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#53
Dibromochloromethane
Concen: 18.519 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. -0.000 min
Lab File: VN068729.D
Acq: 28 Sep 2021 19:38

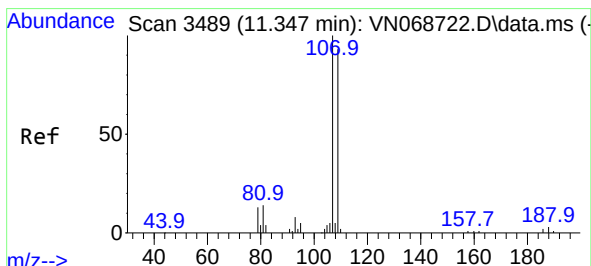
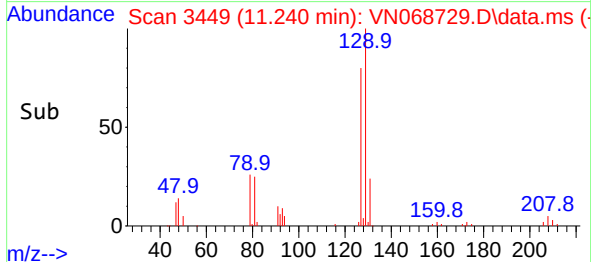
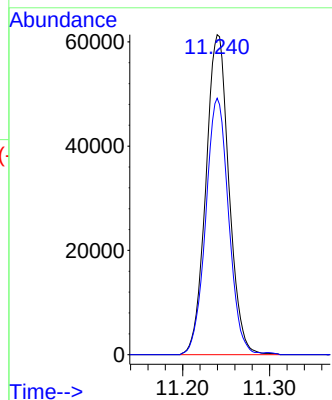
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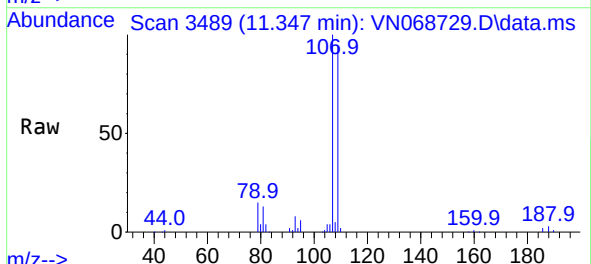
Tgt Ion:129 Resp: 113372
Ion Ratio Lower Upper
129 100
127 79.5 39.0 117.0

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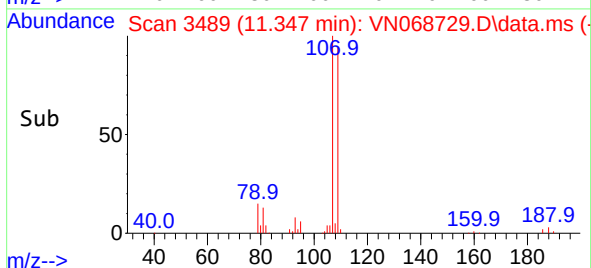
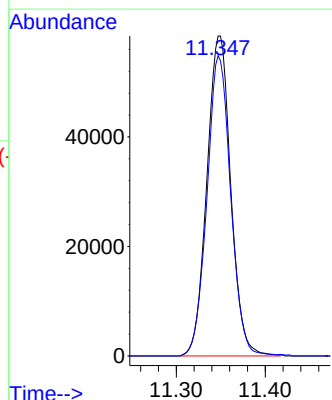
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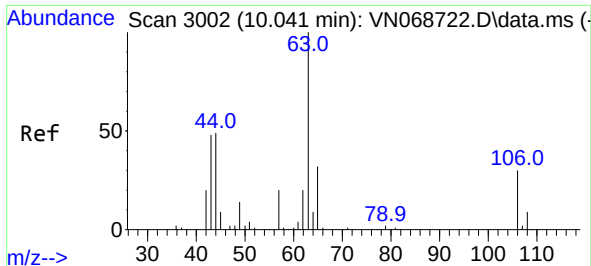


#54
1,2-Dibromoethane
Concen: 19.291 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. -0.000 min
Lab File: VN068729.D
Acq: 28 Sep 2021 19:38

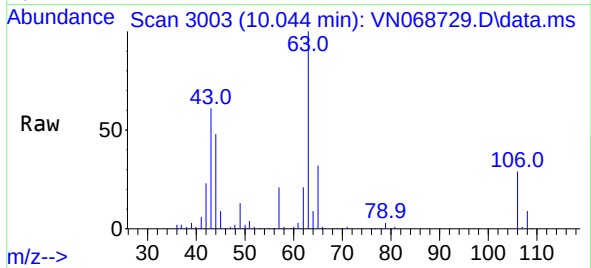


Tgt Ion:107 Resp: 109076
Ion Ratio Lower Upper
107 100
109 93.0 72.8 109.2

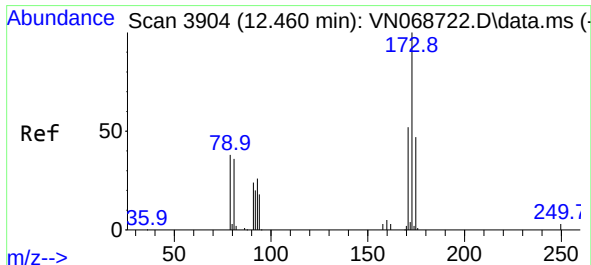
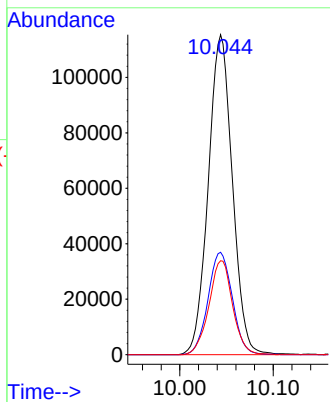
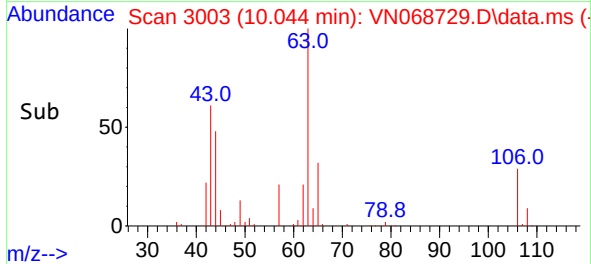




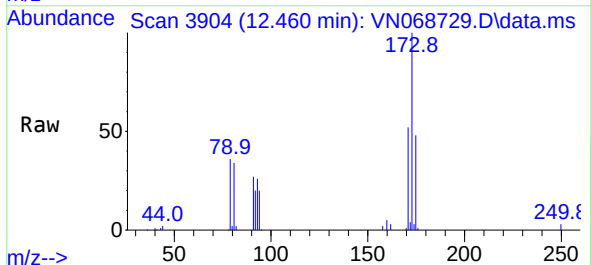
#55
2-Chloroethyl vinyl ether
Concen: 91.246 ug/l
RT: 10.044 min Scan# 3003
Delta R.T. 0.003 min
Lab File: VN068729.D
Acq: 28 Sep 2021 19:38



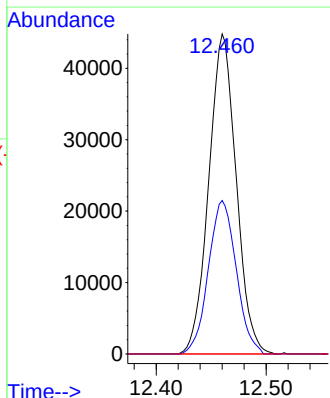
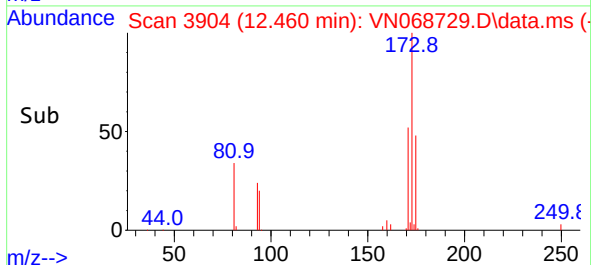
Tgt Ion: 63 Resp: 206801
Ion Ratio Lower Upper
63 100
65 32.2 25.4 38.0
106 28.9 23.2 34.8



#56
Bromoform
Concen: 17.568 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. -0.000 min
Lab File: VN068729.D
Acq: 28 Sep 2021 19:38



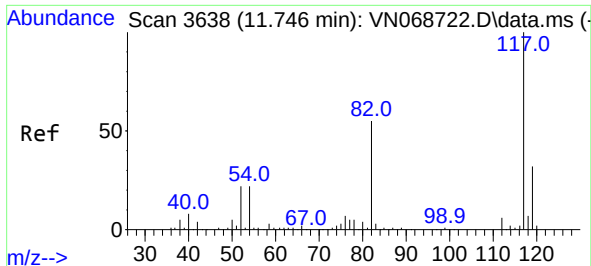
Tgt Ion: 173 Resp: 77561
Ion Ratio Lower Upper
173 100
175 48.8 38.6 58.0
254 0.0 0.0 0.0



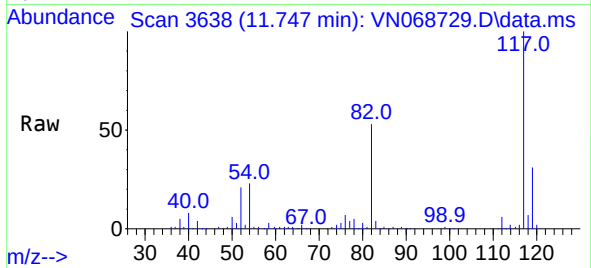
Instrument :
MSVOA_N
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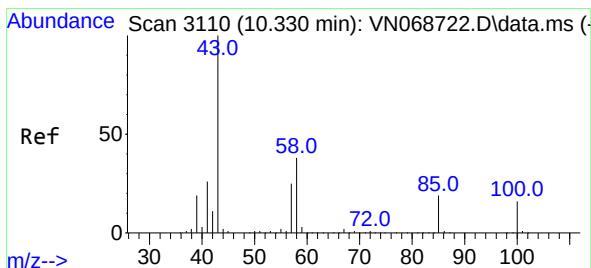
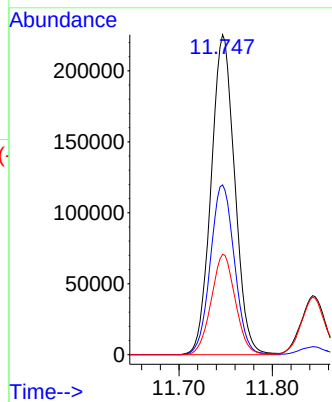
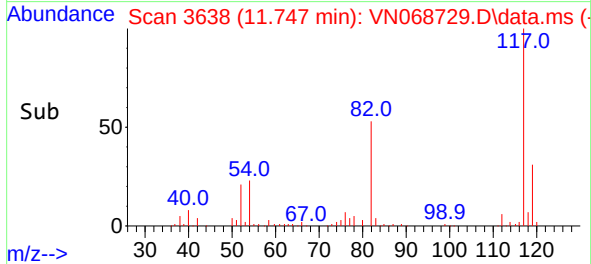
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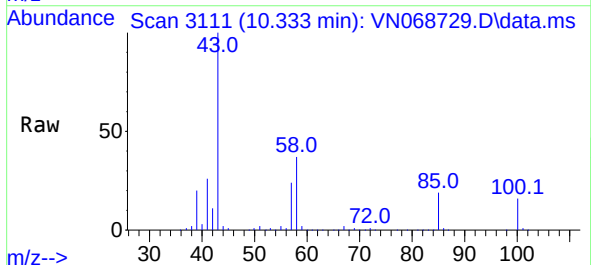
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.001 min
Lab File: VN068729.D
Acq: 28 Sep 2021 19:38



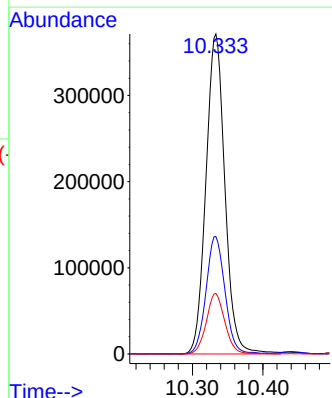
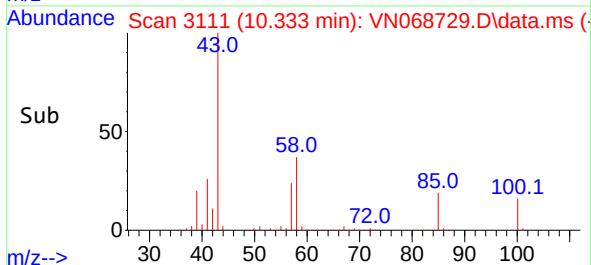
Tgt Ion:117 Resp: 395789
Ion Ratio Lower Upper
117 100
82 54.4 43.6 65.4
119 32.0 25.8 38.6



#58
4-Methyl-2-Pentanone
Concen: 103.852 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.003 min
Lab File: VN068729.D
Acq: 28 Sep 2021 19:38



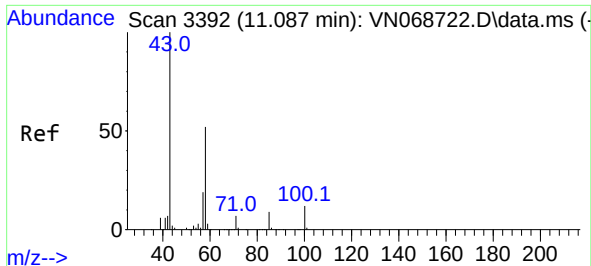
Tgt Ion: 43 Resp: 693785
Ion Ratio Lower Upper
43 100
58 36.5 30.0 45.0
85 18.6 15.0 22.6



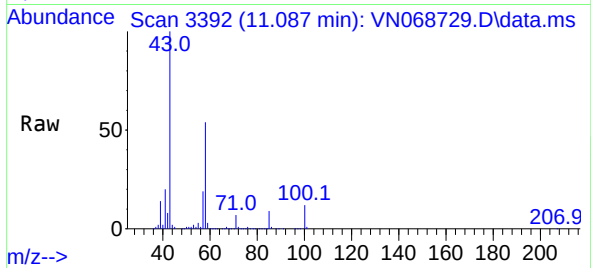
Instrument :
MSVOA_N
ClientSampled :
VN0928WBS01

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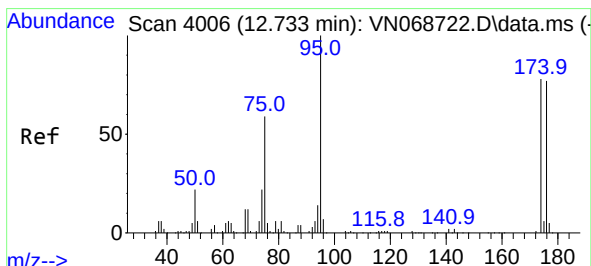
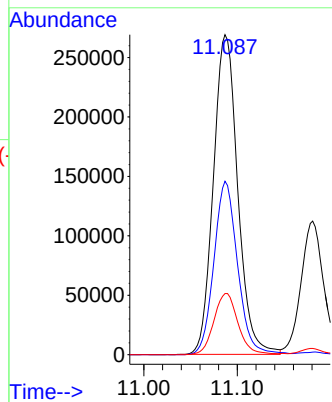
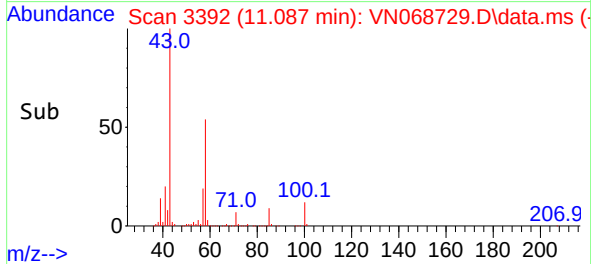
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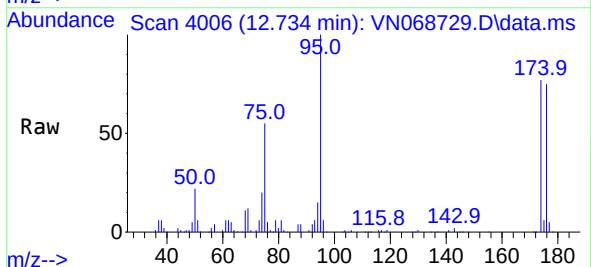
#59
2-Hexanone
Concen: 100.411 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. -0.000 min
Lab File: VN068729.D
Acq: 28 Sep 2021 19:38



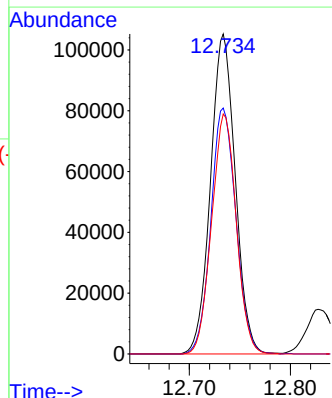
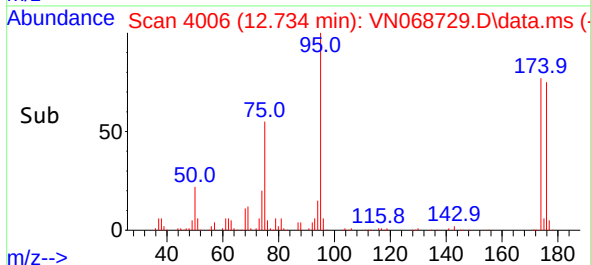
Tgt Ion: 43 Resp: 488625
Ion Ratio Lower Upper
43 100
58 52.8 42.2 63.2
57 19.0 15.0 22.4



#60
4-Bromofluorobenzene
Concen: 28.928 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.001 min
Lab File: VN068729.D
Acq: 28 Sep 2021 19:38



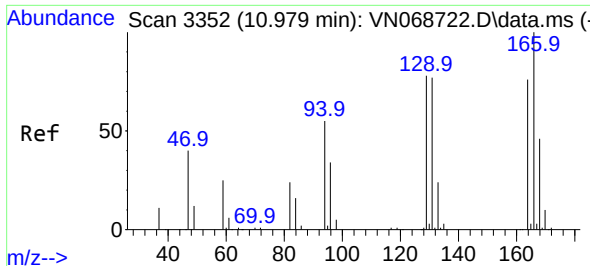
Tgt Ion: 95 Resp: 178862
Ion Ratio Lower Upper
95 100
174 77.9 62.9 94.3
176 74.7 61.0 91.4



Instrument :
MSVOA_N
ClientSampled :
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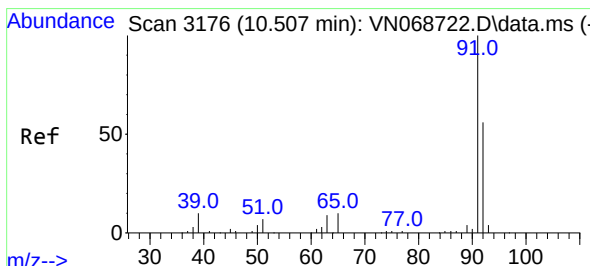
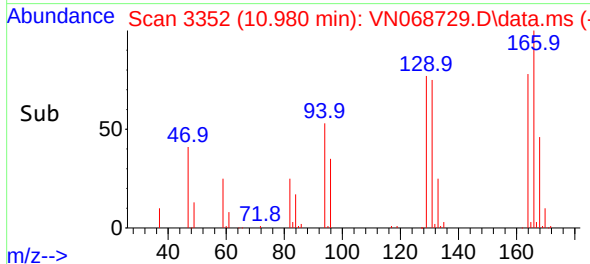
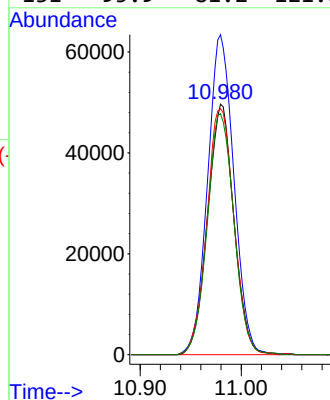
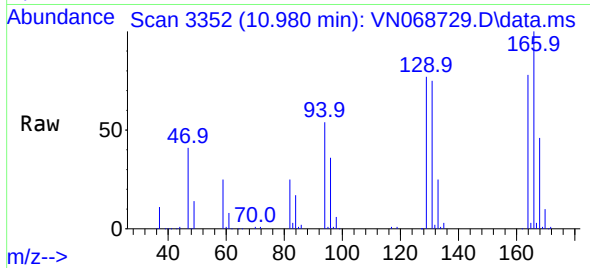
#61
Tetrachloroethene
Concen: 19.369 ug/l
RT: 10.980 min Scan# 3352
Delta R.T. 0.001 min
Lab File: VN068729.D
Acq: 28 Sep 2021 19:38

Tgt Ion:164 Resp: 89846
Ion Ratio Lower Upper
164 100
166 127.4 105.8 158.8
129 98.2 82.5 123.7
131 95.9 81.2 121.8

Instrument :
MSVOA_N
ClientSampled :
VN0928WBS01

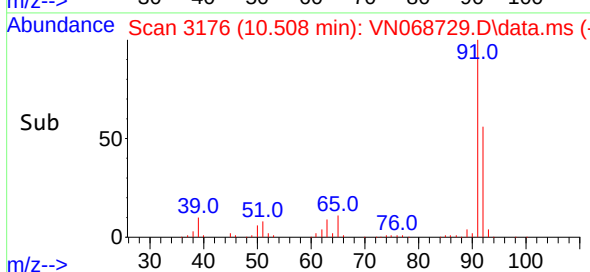
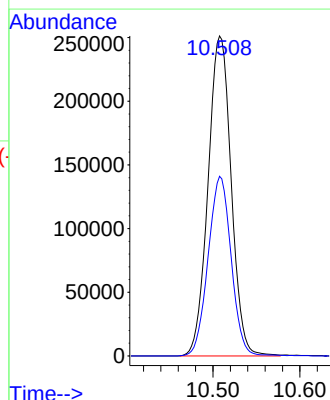
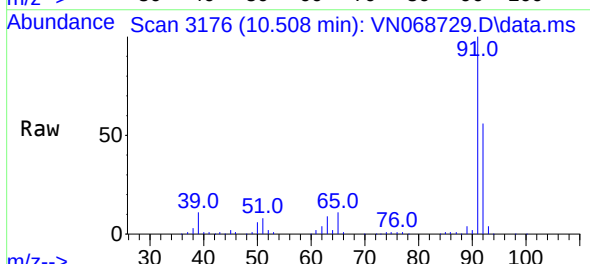
Manual Integrations
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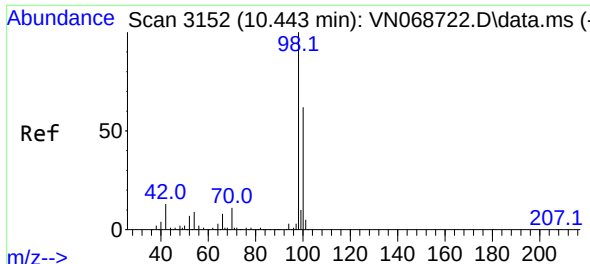
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#62
Toluene
Concen: 19.658 ug/l
RT: 10.508 min Scan# 3176
Delta R.T. 0.001 min
Lab File: VN068729.D
Acq: 28 Sep 2021 19:38

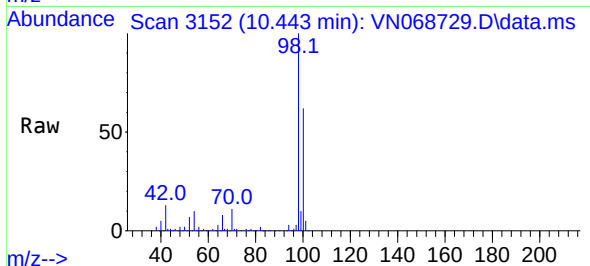
Tgt Ion: 91 Resp: 465168
Ion Ratio Lower Upper
91 100
92 55.8 44.6 67.0





#63
Toluene-d8
Concen: 30.993 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068729.D
Acq: 28 Sep 2021 19:38

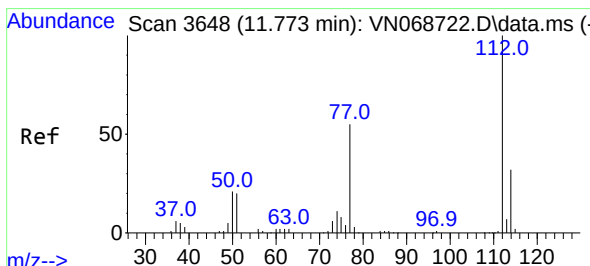
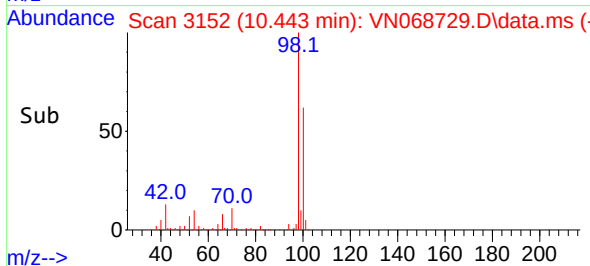
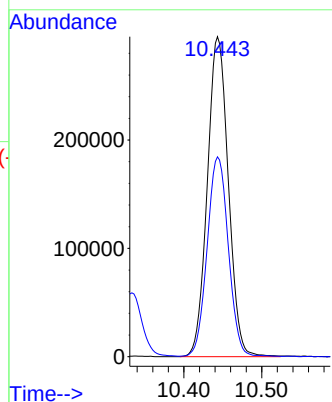
Instrument :
MSVOA_N
ClientSampleId :
VN0928WBS01



Tgt Ion: 98 Resp: 554446
Ion Ratio Lower Upper
98 100
100 62.5 50.6 76.0

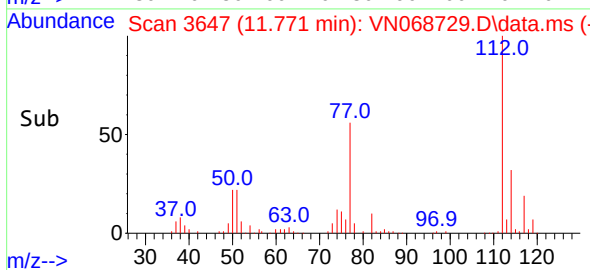
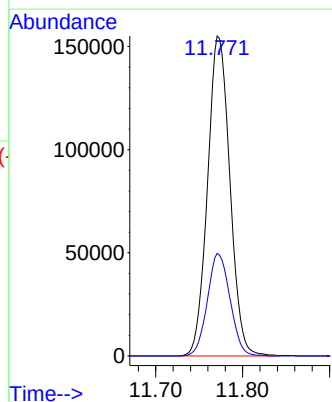
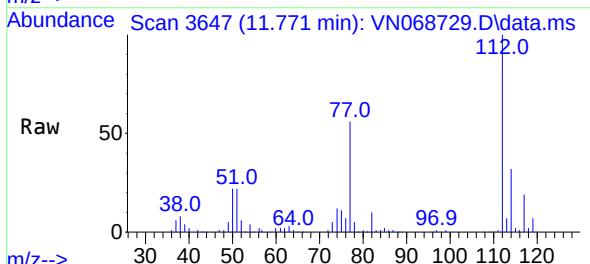
Manual Integrations
APPROVED

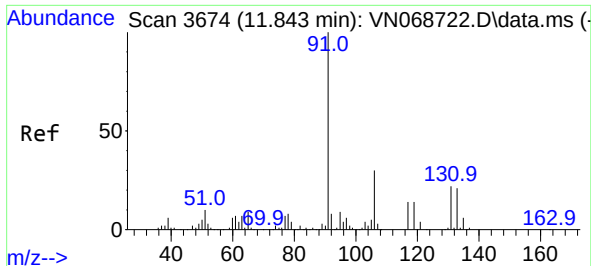
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#64
Chlorobenzene
Concen: 19.081 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.002 min
Lab File: VN068729.D
Acq: 28 Sep 2021 19:38

Tgt Ion: 112 Resp: 277079
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.6





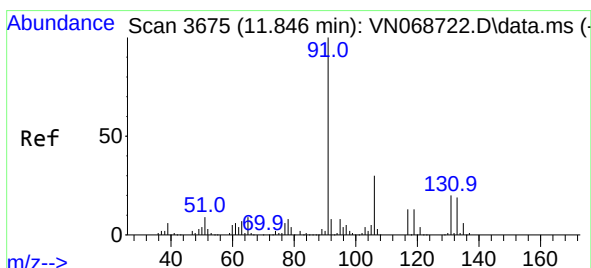
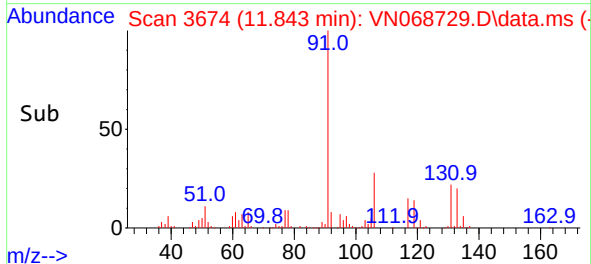
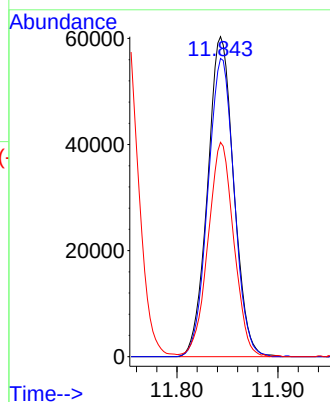
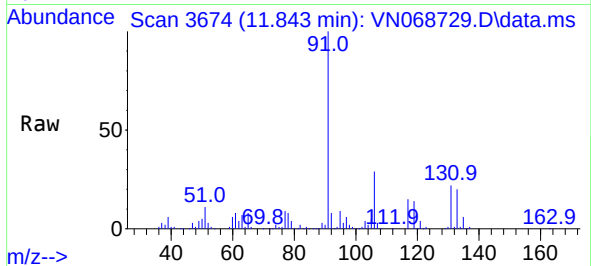
#65
1,1,1,2-Tetrachloroethane
Concen: 19.285 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN068729.D
Acq: 28 Sep 2021 19:38

Instrument :
MSVOA_N
ClientSampleId :
VN0928WBS01

Tgt Ion	Ratio	Lower	Upper
131	100		
133	93.6	0.0	191.2
119	66.1	0.0	128.8

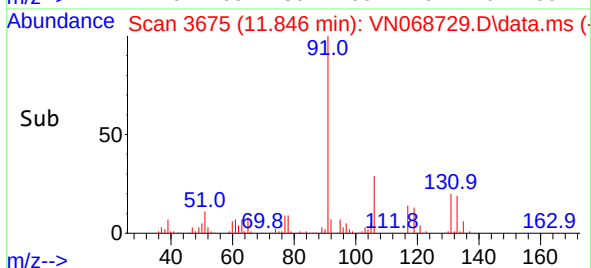
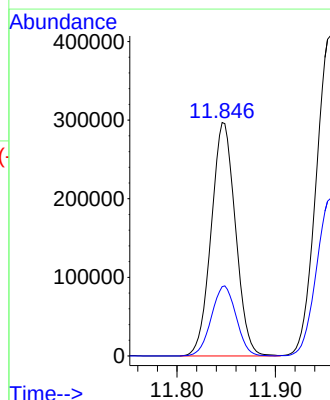
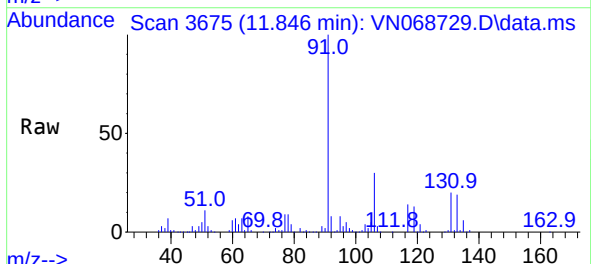
Manual Integrations
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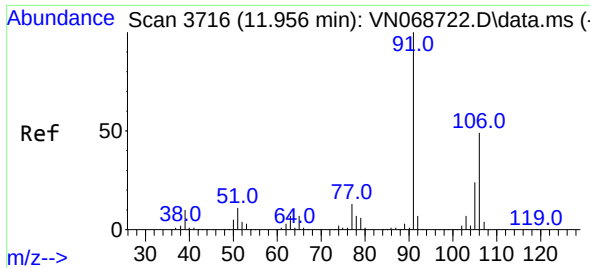
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#66
Ethyl Benzene
Concen: 19.099 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.000 min
Lab File: VN068729.D
Acq: 28 Sep 2021 19:38

Tgt Ion	Ratio	Lower	Upper
91	100		
106	29.7	24.0	36.0





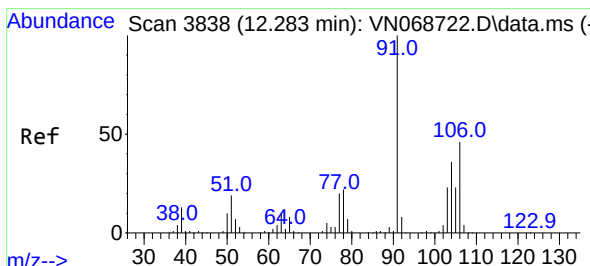
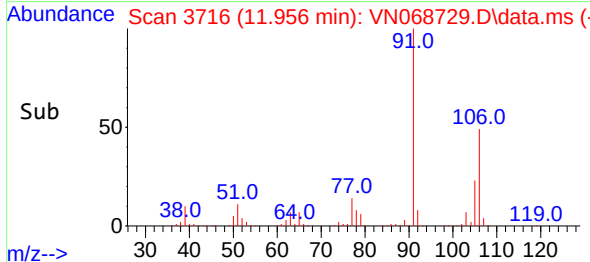
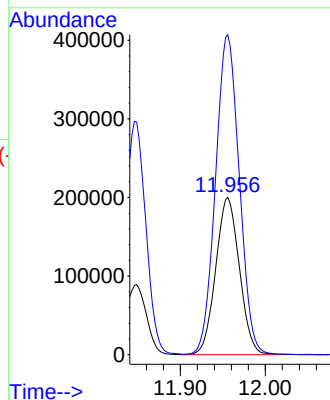
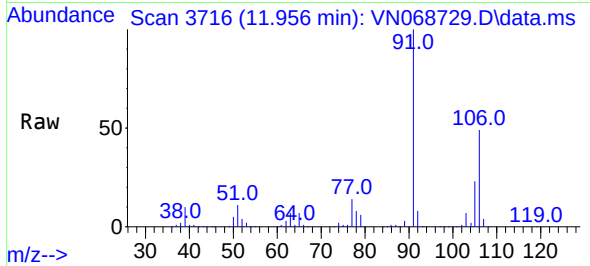
#67
m/p-Xylenes
Concen: 37.594 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. -0.000 min
Lab File: VN068729.D
Acq: 28 Sep 2021 19:38

Tgt Ion:106 Resp: 387062
Ion Ratio Lower Upper
106 100
91 204.7 162.9 244.3

Instrument :
MSVOA_N
ClientSampleId :
VN0928WBS01

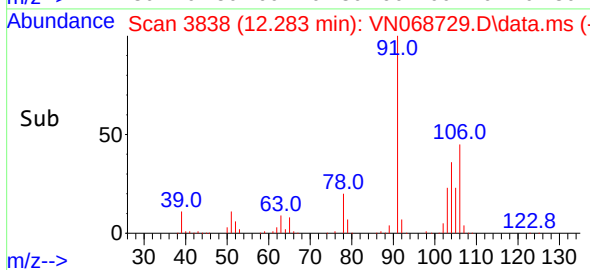
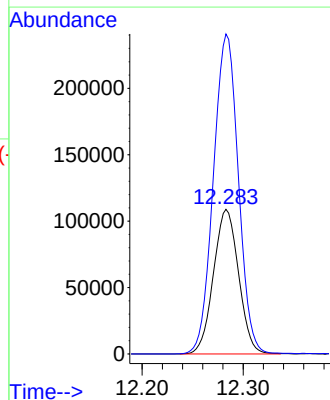
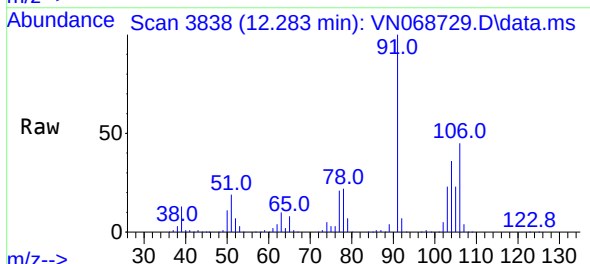
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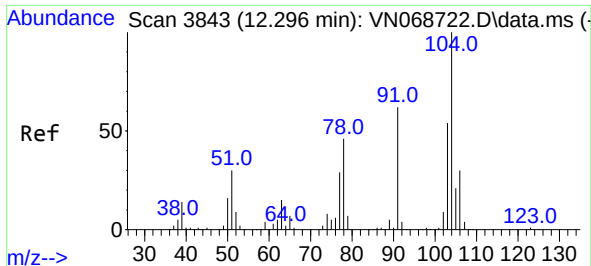
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#68
o-Xylene
Concen: 18.529 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. -0.000 min
Lab File: VN068729.D
Acq: 28 Sep 2021 19:38

Tgt Ion:106 Resp: 187802
Ion Ratio Lower Upper
106 100
91 220.2 107.7 323.1





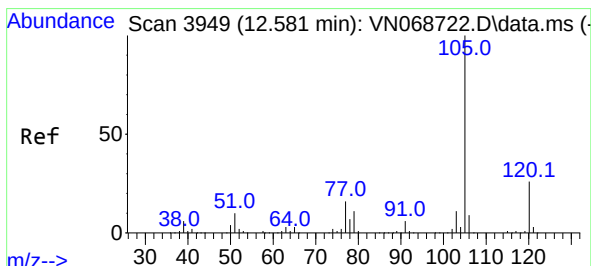
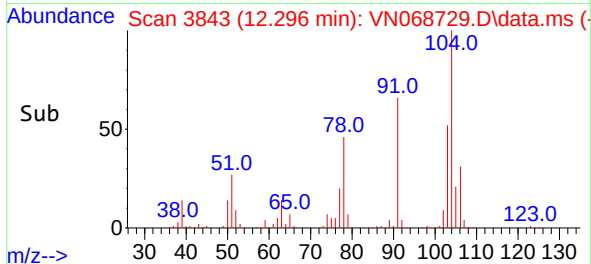
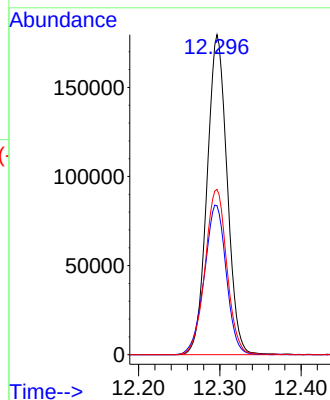
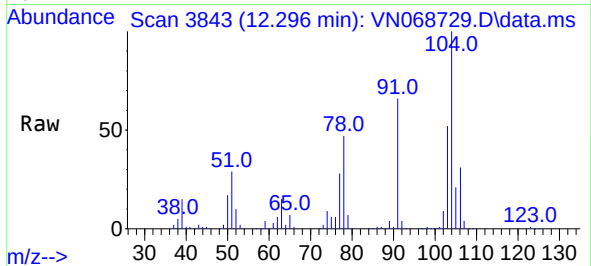
#69
Styrene
Concen: 18.447 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.000 min
Lab File: VN068729.D
Acq: 28 Sep 2021 19:38

Tgt Ion:104 Resp: 308579
Ion Ratio Lower Upper
104 100
78 51.1 40.7 61.1
103 56.1 45.8 68.8

Instrument :
MSVOA_N
ClientSampled :
VN0928WBS01

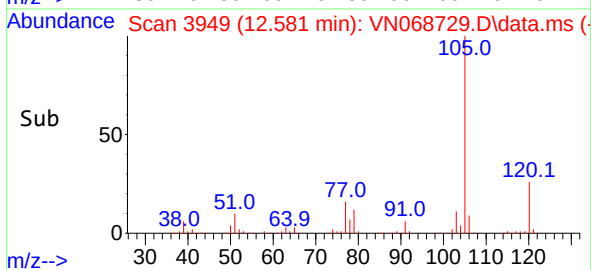
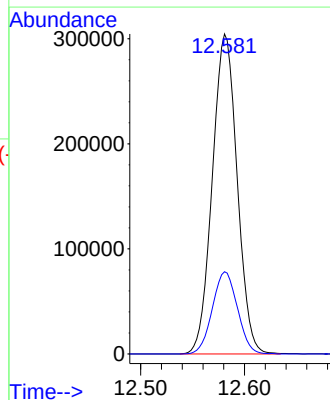
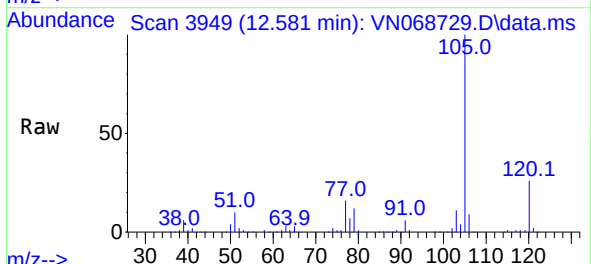
Manual Integrations
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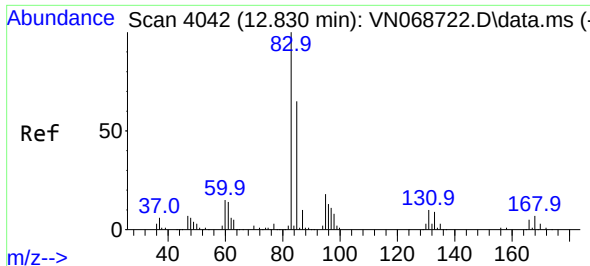
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#70
Isopropylbenzene
Concen: 18.808 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. -0.000 min
Lab File: VN068729.D
Acq: 28 Sep 2021 19:38

Tgt Ion:105 Resp: 505517
Ion Ratio Lower Upper
105 100
120 25.9 18.3 34.1





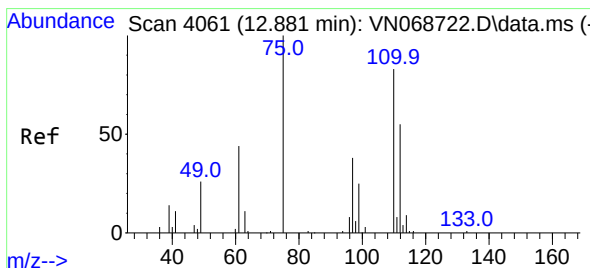
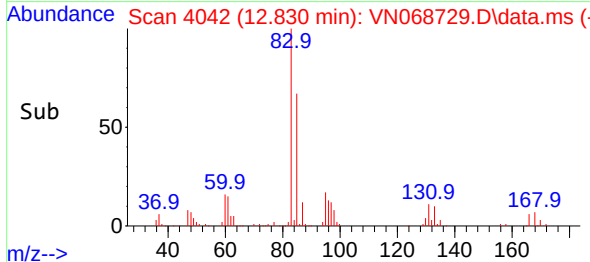
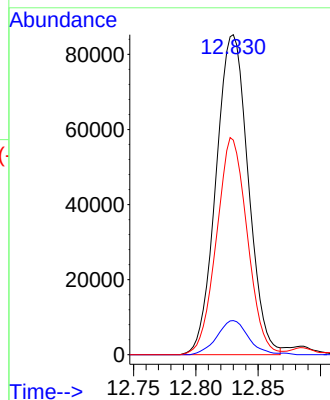
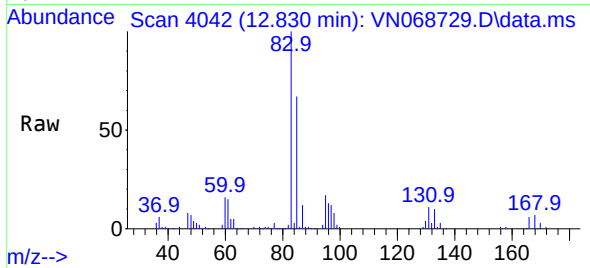
#71
1,1,2,2-Tetrachloroethane
Concen: 20.276 ug/l
RT: 12.830 min Scan# 4042
Delta R.T. 0.000 min
Lab File: VN068729.D
Acq: 28 Sep 2021 19:38

Tgt Ion: 83 Resp: 153547
Ion Ratio Lower Upper
83 100
131 10.3 5.1 15.3
85 64.8 33.1 99.2

Instrument :
MSVOA_N
ClientSampleId :
VN0928WBS01

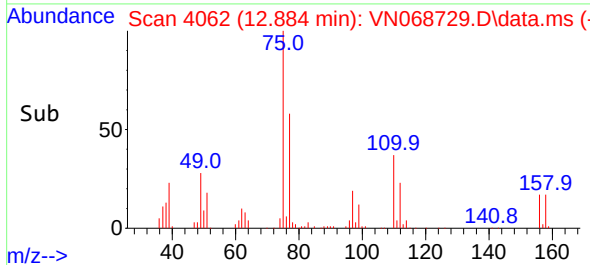
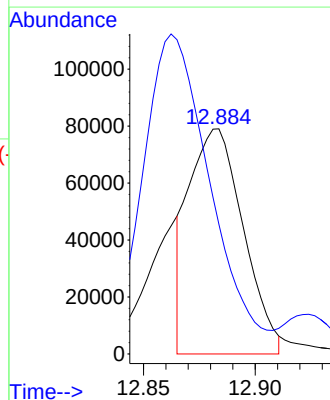
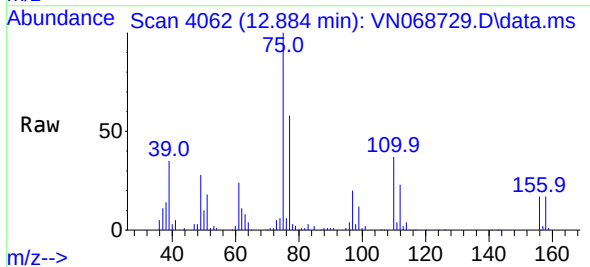
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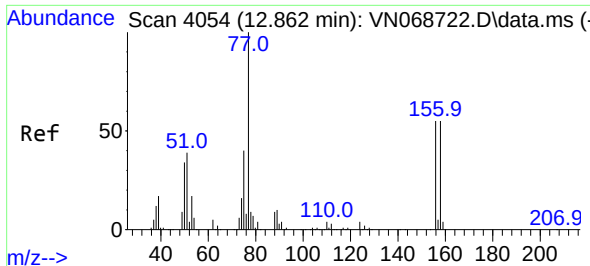
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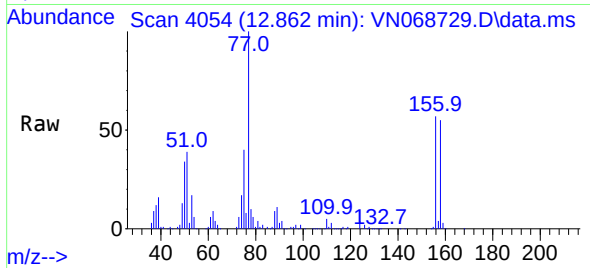
#72
1,2,3-Trichloropropane
Concen: 21.797 ug/l m
RT: 12.884 min Scan# 4062
Delta R.T. 0.003 min
Lab File: VN068729.D
Acq: 28 Sep 2021 19:38

Tgt Ion: 75 Resp: 133730
Ion Ratio Lower Upper
75 100
77 177.3 0.0 378.0

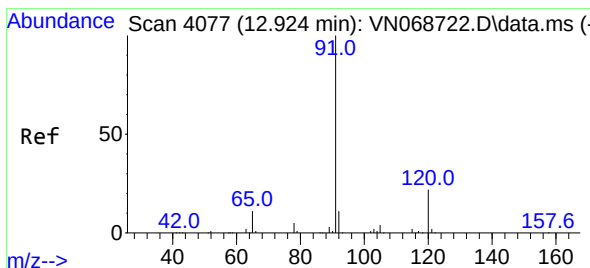
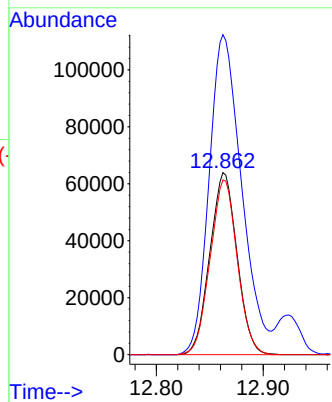
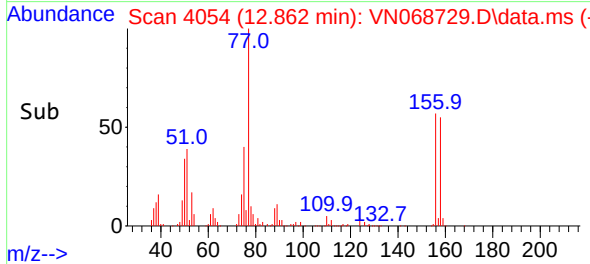




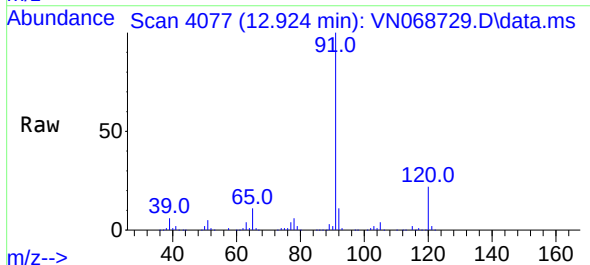
#73
Bromobenzene
Concen: 18.594 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VN068729.D
Acq: 28 Sep 2021 19:38



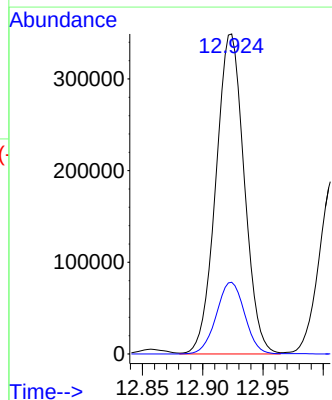
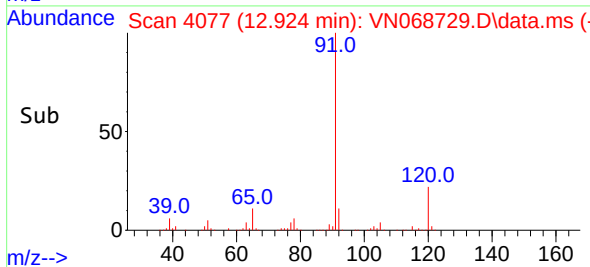
Tgt Ion:156 Resp: 113129
Ion Ratio Lower Upper
156 100
77 209.6 0.0 416.0
158 95.7 0.0 195.4



#74
n-propylbenzene
Concen: 18.528 ug/l
RT: 12.924 min Scan# 4077
Delta R.T. -0.000 min
Lab File: VN068729.D
Acq: 28 Sep 2021 19:38



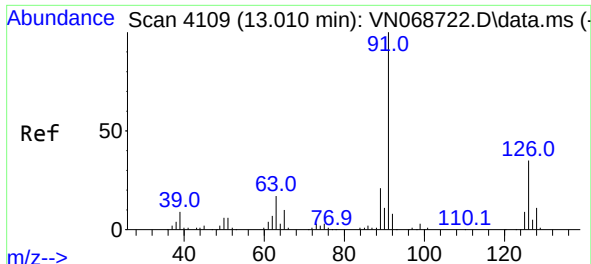
Tgt Ion: 91 Resp: 570931
Ion Ratio Lower Upper
91 100
120 22.4 0.0 45.0



Instrument :
MSVOA_N
ClientSampled :
VN0928WBS01

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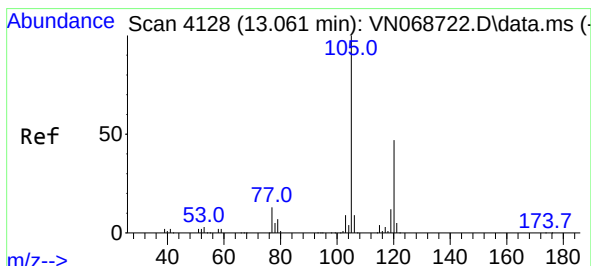
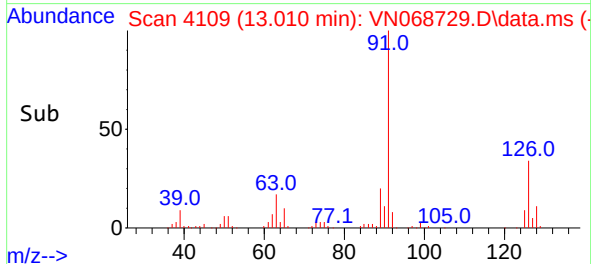
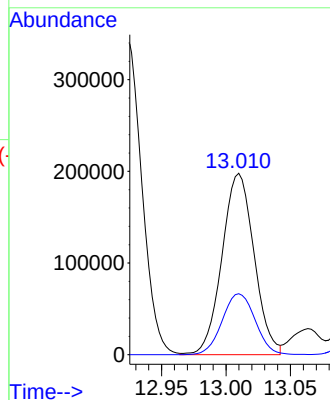
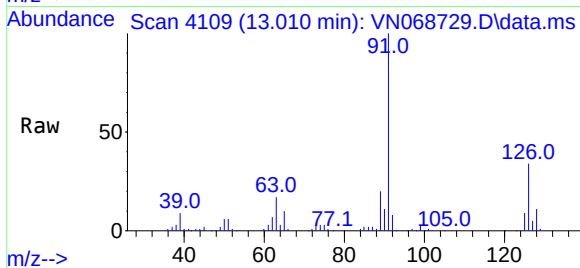
#75
2-Chlorotoluene
Concen: 19.089 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. -0.000 min
Lab File: VN068729.D
Acq: 28 Sep 2021 19:38

Tgt Ion: 91 Resp: 343309
Ion Ratio Lower Upper
91 100
126 34.6 0.0 69.8

Instrument :
MSVOA_N
ClientSampled :
VN0928WBS01

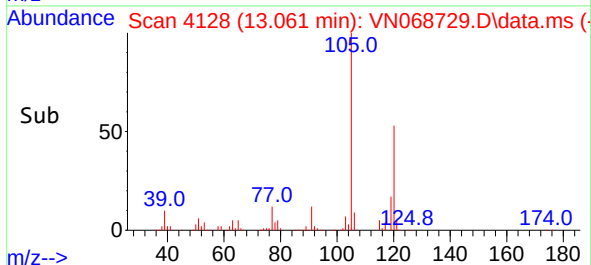
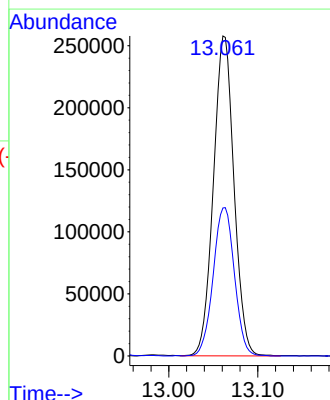
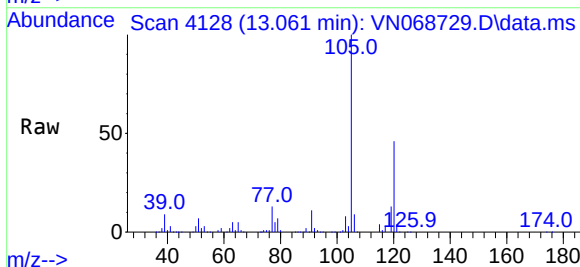
Manual Integrations
APPROVED

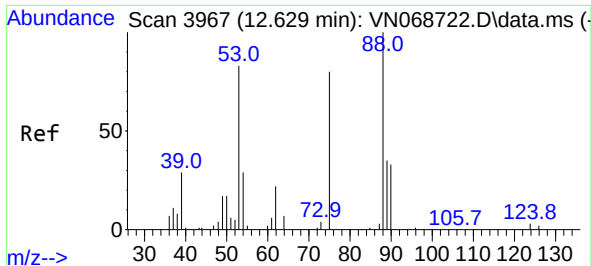
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#76
1,3,5-Trimethylbenzene
Concen: 18.655 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.000 min
Lab File: VN068729.D
Acq: 28 Sep 2021 19:38

Tgt Ion: 105 Resp: 414067
Ion Ratio Lower Upper
105 100
120 47.9 0.0 93.8





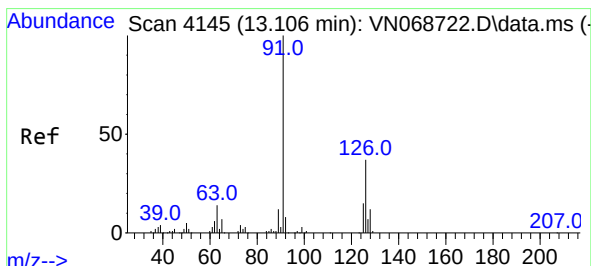
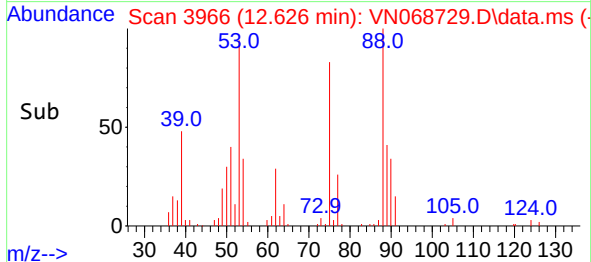
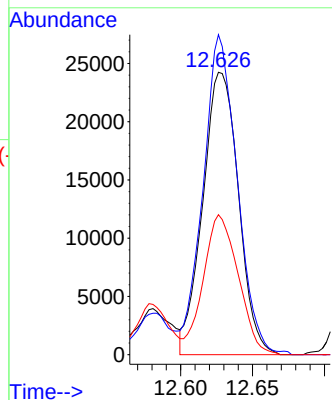
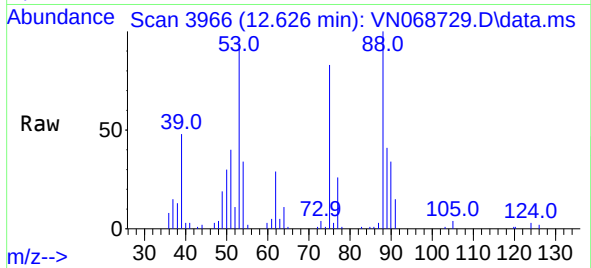
#77
t-1,4-Dichloro-2-butene
Concen: 17.507 ug/l
RT: 12.626 min Scan# 3966
Delta R.T. -0.003 min
Lab File: VN068729.D
Acq: 28 Sep 2021 19:38

Tgt Ion: 75 Resp: 41897
Ion Ratio Lower Upper
75 100
53 112.2 51.8 155.5
89 49.6 22.9 68.7

Instrument :
MSVOA_N
ClientSampleId :
VN0928WBS01

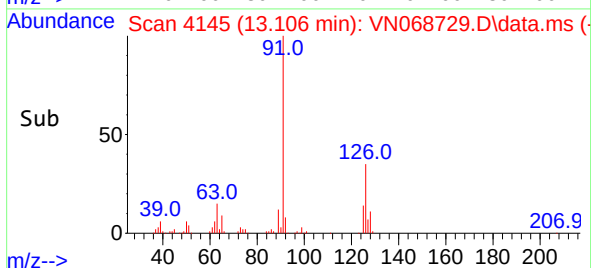
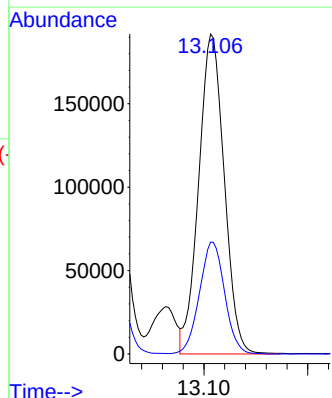
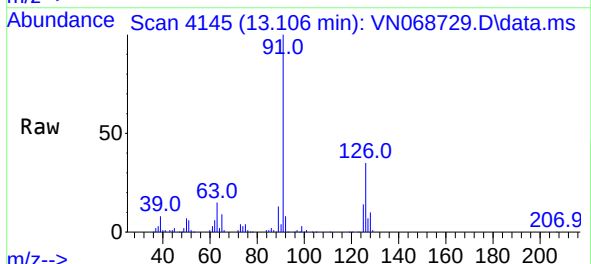
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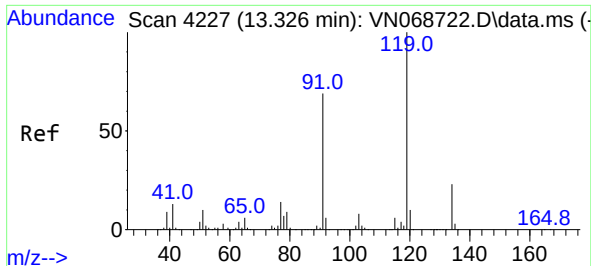
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#78
4-Chlorotoluene
Concen: 18.357 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN068729.D
Acq: 28 Sep 2021 19:38

Tgt Ion: 91 Resp: 326992
Ion Ratio Lower Upper
91 100
126 34.5 0.0 70.6





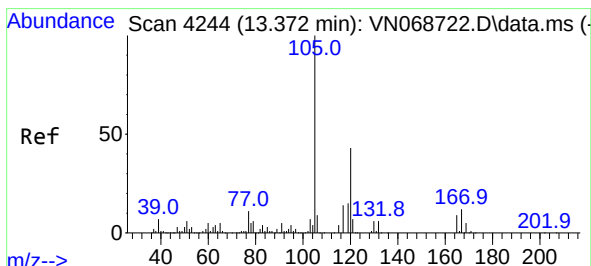
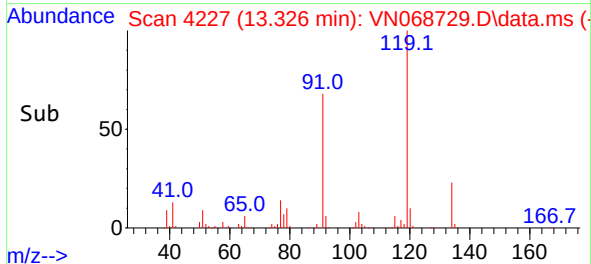
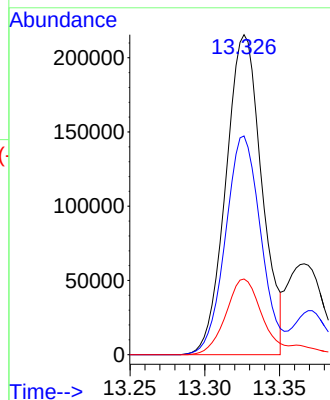
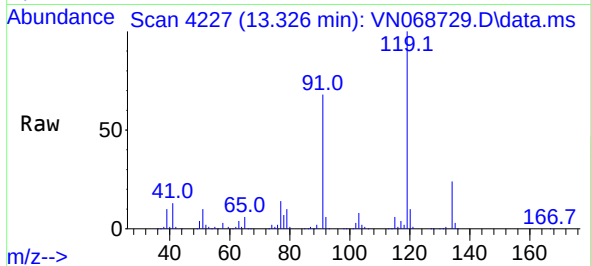
#79
tert-butylbenzene
Concen: 18.636 ug/l
RT: 13.326 min Scan# 4227
Delta R.T. 0.000 min
Lab File: VN068729.D
Acq: 28 Sep 2021 19:38

Tgt Ion:119 Resp: 361087
Ion Ratio Lower Upper
119 100
91 67.5 0.0 137.0
134 23.8 0.0 47.6

Instrument :
MSVOA_N
ClientSampled :
VN0928WBS01

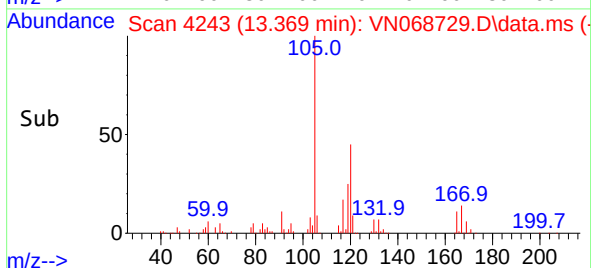
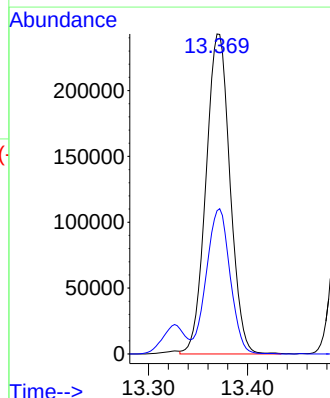
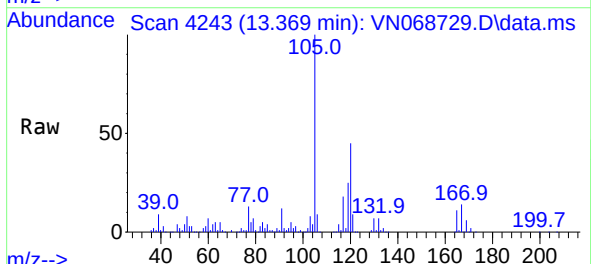
Manual Integrations
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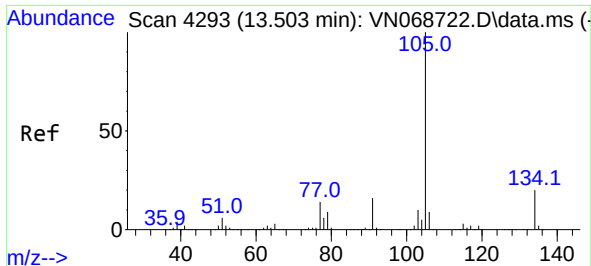
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#80
1,2,4-Trimethylbenzene
Concen: 18.610 ug/l m
RT: 13.369 min Scan# 4243
Delta R.T. -0.003 min
Lab File: VN068729.D
Acq: 28 Sep 2021 19:38

Tgt Ion:105 Resp: 409465
Ion Ratio Lower Upper
105 100
120 0.2 0.0 0.2





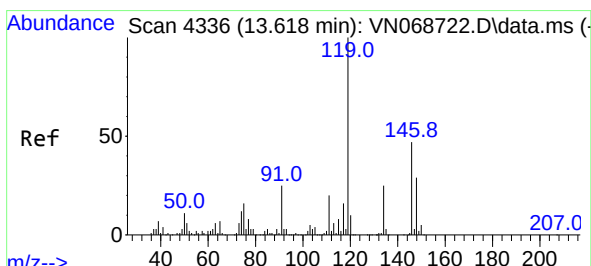
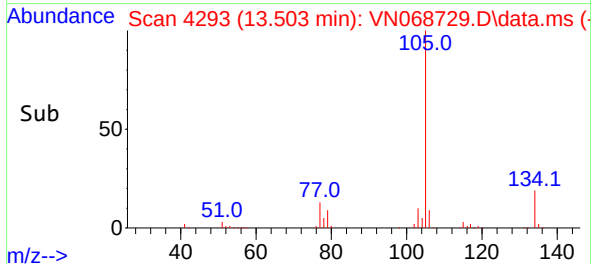
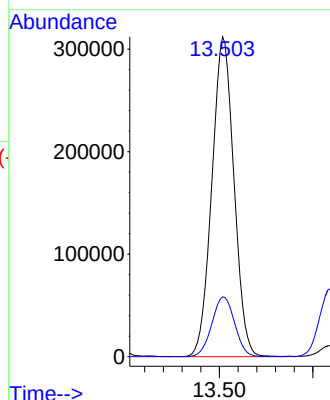
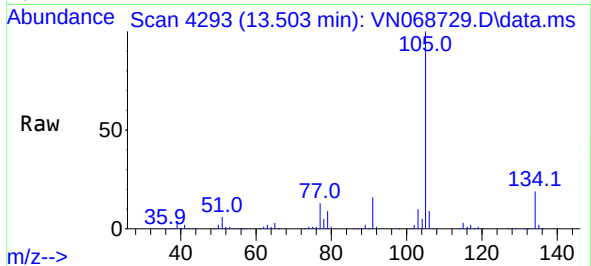
#81
sec-Butylbenzene
Concen: 18.411 ug/l
RT: 13.503 min Scan# 4293
Delta R.T. 0.000 min
Lab File: VN068729.D
Acq: 28 Sep 2021 19:38

Instrument :
MSVOA_N
ClientSampleId :
VN0928WBS01

Tgt Ion:105 Resp: 511404
Ion Ratio Lower Upper
105 100
134 19.4 0.0 39.4

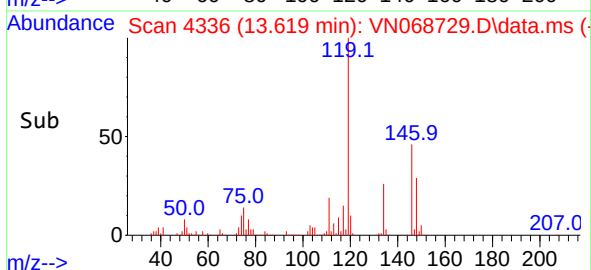
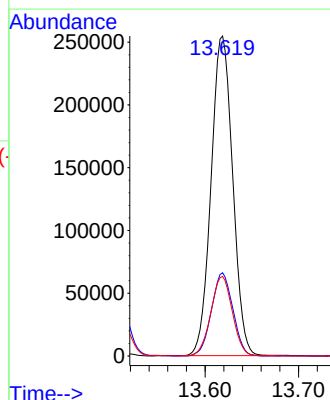
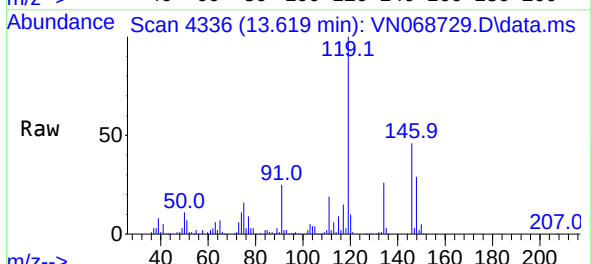
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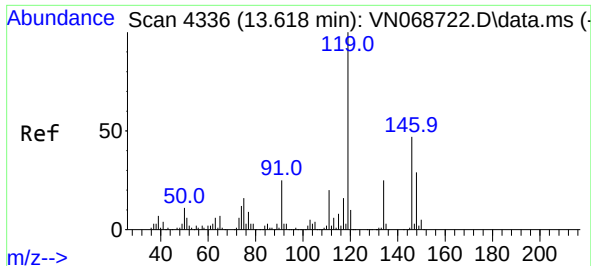
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#82
p-Isopropyltoluene
Concen: 17.815 ug/l
RT: 13.619 min Scan# 4336
Delta R.T. 0.001 min
Lab File: VN068729.D
Acq: 28 Sep 2021 19:38

Tgt Ion:119 Resp: 409906
Ion Ratio Lower Upper
119 100
134 25.8 0.0 51.8
91 24.8 0.0 50.4





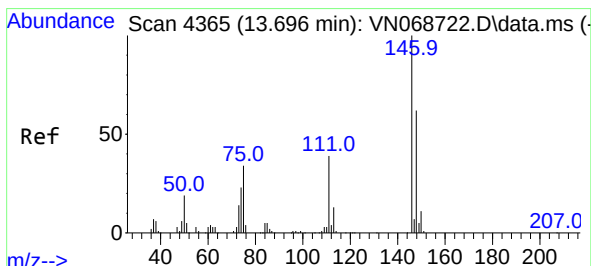
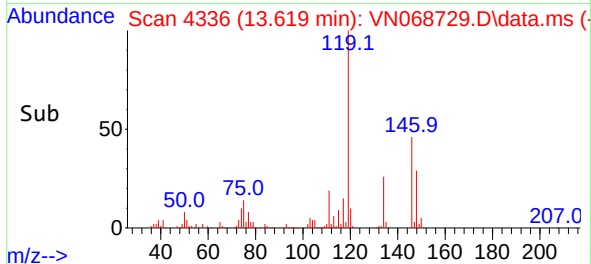
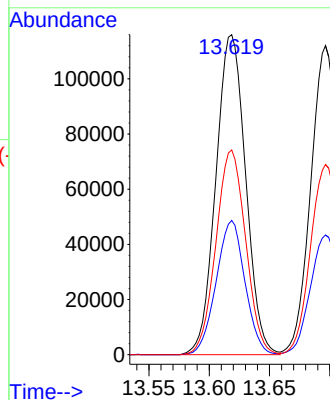
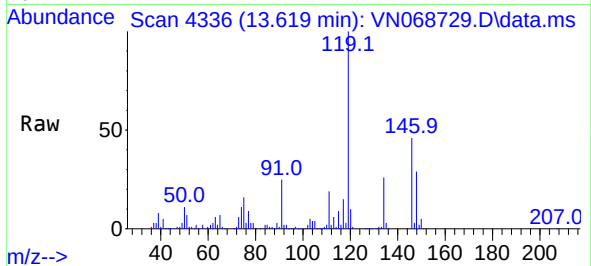
#83
1,3-Dichlorobenzene
Concen: 17.678 ug/l
RT: 13.619 min Scan# 4336
Delta R.T. 0.001 min
Lab File: VN068729.D
Acq: 28 Sep 2021 19:38

Tgt Ion:146 Resp: 199524
Ion Ratio Lower Upper
146 100
111 40.6 20.8 62.2
148 63.8 31.4 94.3

Instrument :
MSVOA_N
ClientSampled :
VN0928WBS01

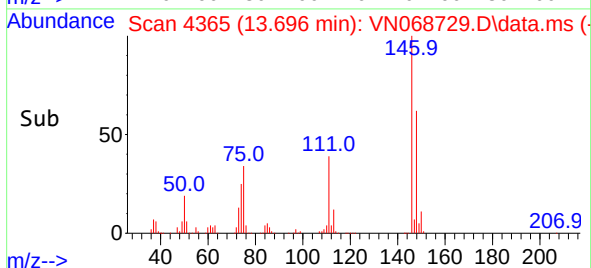
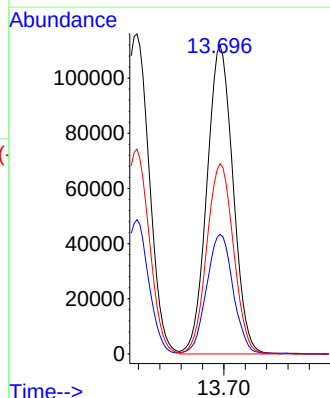
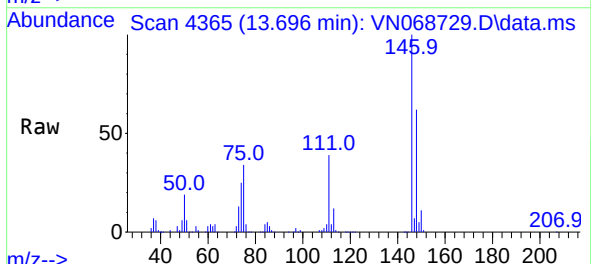
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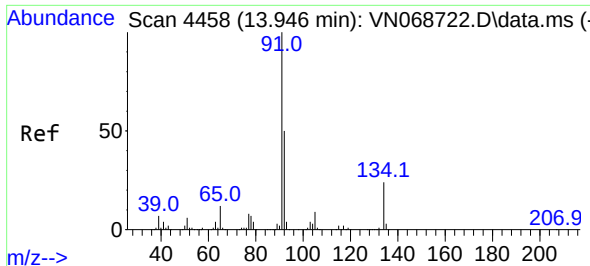
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#84
1,4-Dichlorobenzene
Concen: 17.699 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. 0.000 min
Lab File: VN068729.D
Acq: 28 Sep 2021 19:38

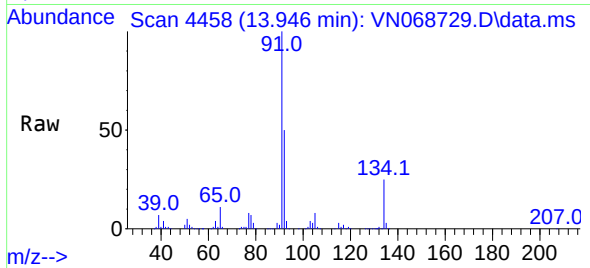
Tgt Ion:146 Resp: 190042
Ion Ratio Lower Upper
146 100
111 39.1 19.5 58.5
148 63.1 31.1 93.5





#85
n-Butylbenzene
Concen: 17.221 ug/l
RT: 13.946 min Scan# 4458
Delta R.T. -0.000 min
Lab File: VN068729.D
Acq: 28 Sep 2021 19:38

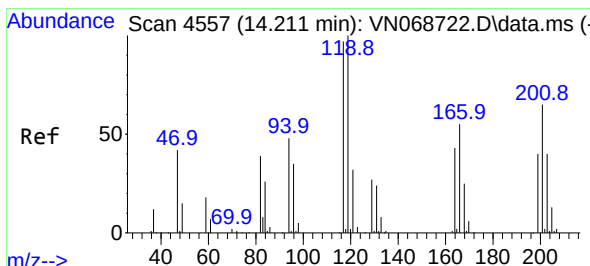
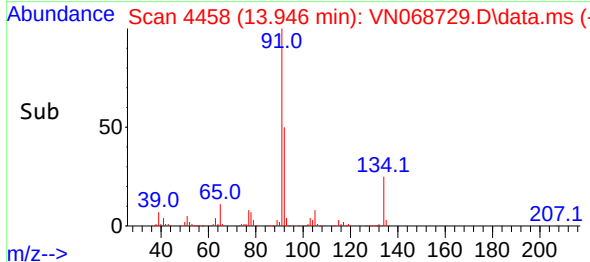
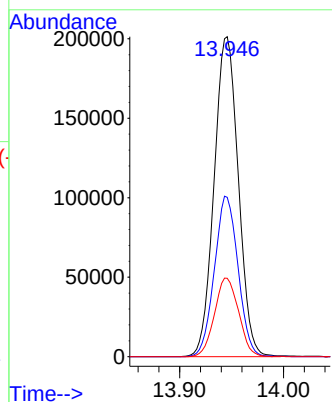
Instrument :
MSVOA_N
ClientSampleId :
VN0928WBS01



Tgt Ion: 91 Resp: 325943
Ion Ratio Lower Upper
91 100
92 48.9 0.0 100.6
134 24.5 0.0 50.2

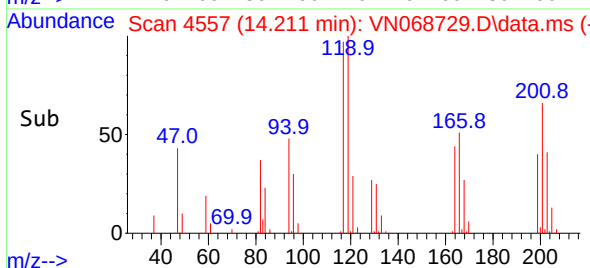
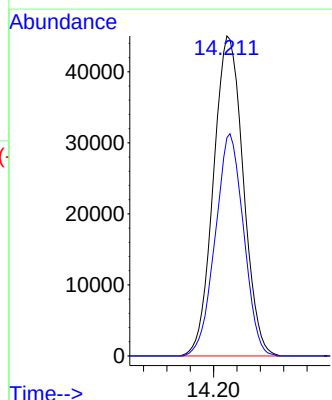
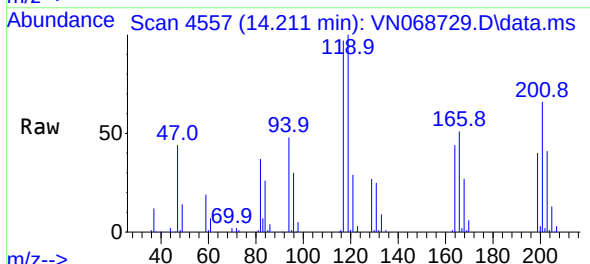
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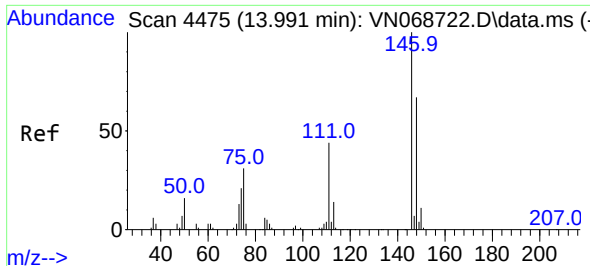
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#86
Hexachloroethane
Concen: 18.424 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.000 min
Lab File: VN068729.D
Acq: 28 Sep 2021 19:38

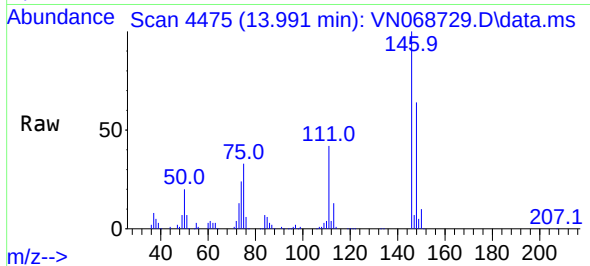
Tgt Ion: 117 Resp: 79784
Ion Ratio Lower Upper
117 100
201 66.2 33.3 99.8





#87
1,2-Dichlorobenzene
Concen: 18.423 ug/l
RT: 13.991 min Scan# 4475
Delta R.T. 0.000 min
Lab File: VN068729.D
Acq: 28 Sep 2021 19:38

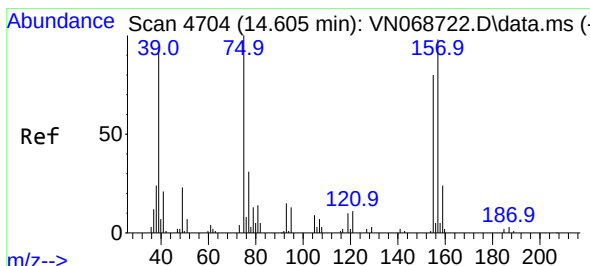
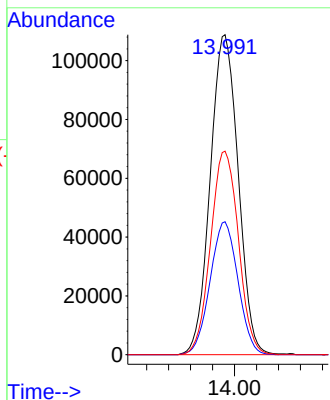
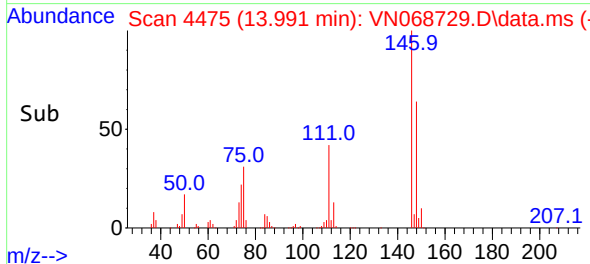
Instrument :
MSVOA_N
ClientSampleId :
VN0928WBS01



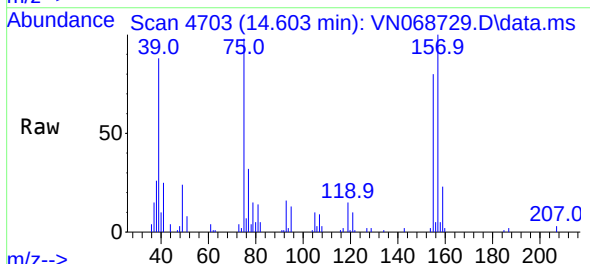
Tgt Ion:146 Resp: 192257
Ion Ratio Lower Upper
146 100
111 41.5 21.4 64.2
148 63.4 32.5 97.4

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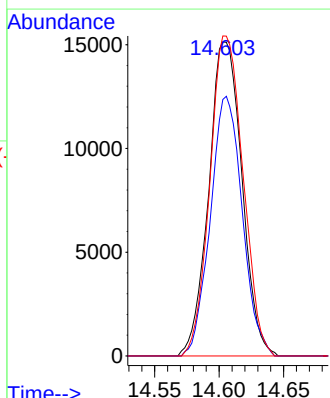
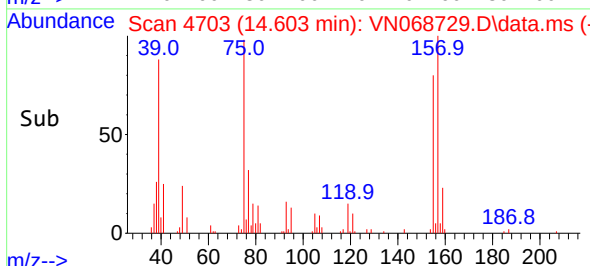
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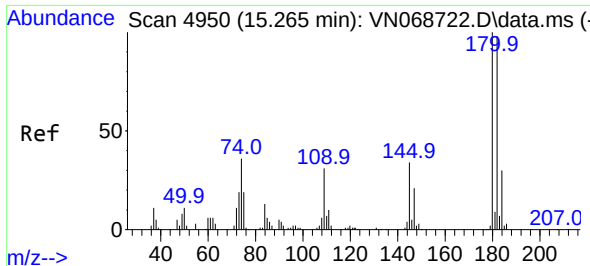


#88
1,2-Dibromo-3-Chloropropane
Concen: 20.010 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. -0.002 min
Lab File: VN068729.D
Acq: 28 Sep 2021 19:38



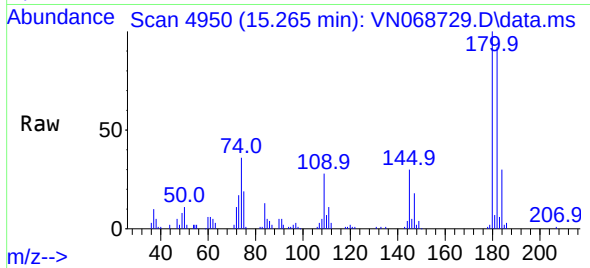
Tgt Ion: 75 Resp: 27101
Ion Ratio Lower Upper
75 100
155 79.5 63.8 95.8
157 101.7 77.9 116.9





#89
1,2,4-Trichlorobenzene
Concen: 16.249 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN068729.D
Acq: 28 Sep 2021 19:38

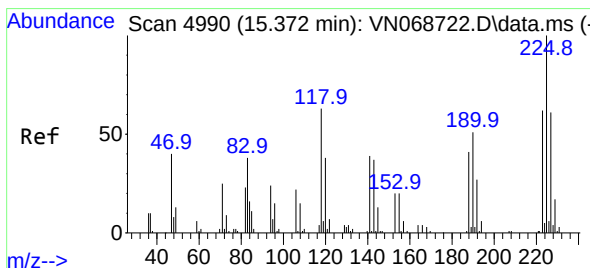
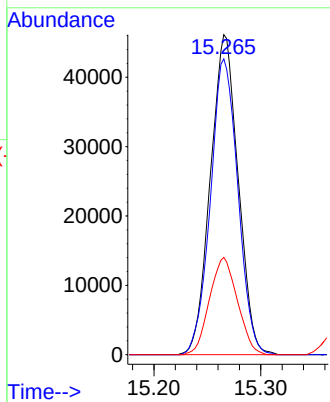
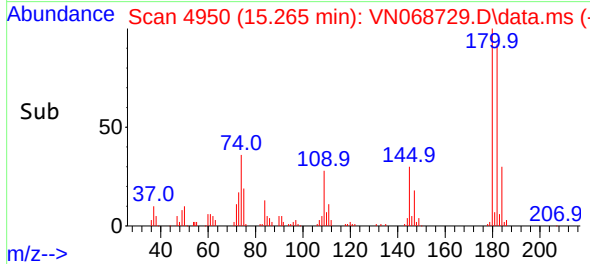
Instrument :
MSVOA_N
ClientSampled :
VN0928WBS01



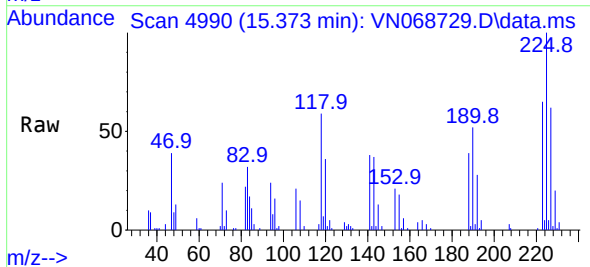
Tgt Ion:180 Resp: 83309
Ion Ratio Lower Upper
180 100
182 91.5 77.7 116.5
145 30.5 26.6 39.8

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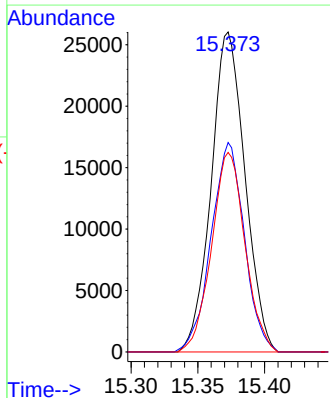
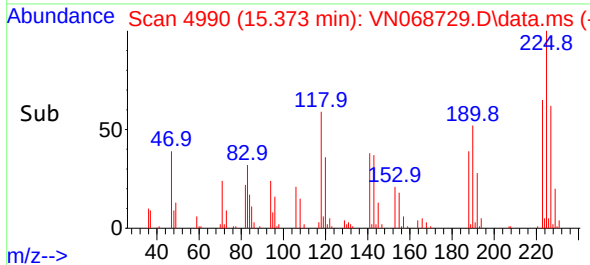
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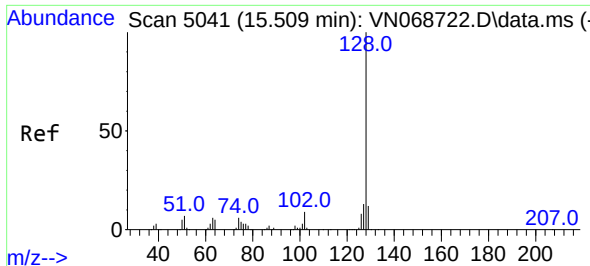


#90
Hexachlorobutadiene
Concen: 17.986 ug/l
RT: 15.373 min Scan# 4990
Delta R.T. 0.001 min
Lab File: VN068729.D
Acq: 28 Sep 2021 19:38



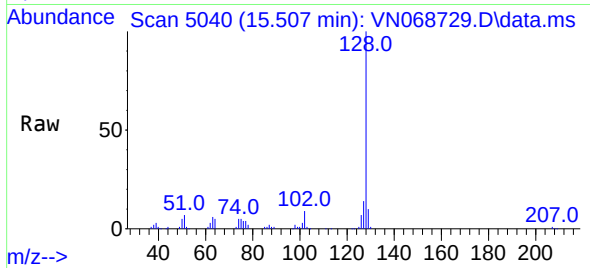
Tgt Ion:225 Resp: 45963
Ion Ratio Lower Upper
225 100
223 64.2 0.0 126.8
227 61.5 0.0 123.0





#91
Naphthalene
Concen: 15.310 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.002 min
Lab File: VN068729.D
Acq: 28 Sep 2021 19:38

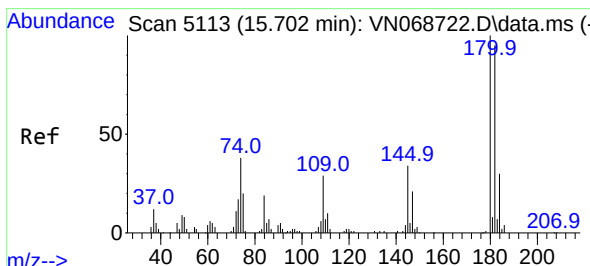
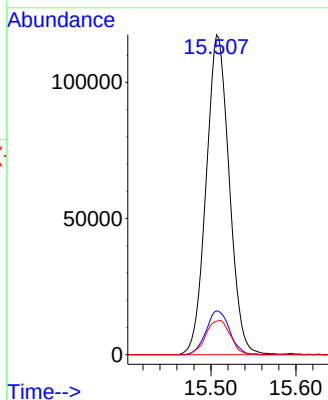
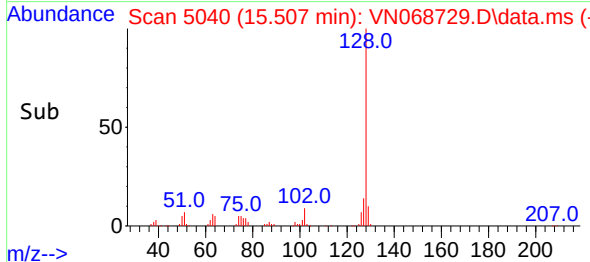
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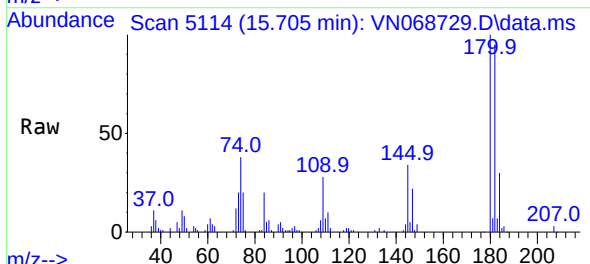
Tgt Ion:128 Resp: 221556
Ion Ratio Lower Upper
128 100
127 14.0 10.7 16.1
129 11.4 9.0 13.6

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#92
1,2,3-Trichlorobenzene
Concen: 16.749 ug/l
RT: 15.705 min Scan# 5114
Delta R.T. 0.003 min
Lab File: VN068729.D
Acq: 28 Sep 2021 19:38



Tgt Ion:180 Resp: 82329
Ion Ratio Lower Upper
180 100
182 93.6 0.0 190.0
145 32.7 0.0 67.8

