

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052621\
 Data File : VN067177.D
 Acq On : 26 May 2021 19:15
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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 5/28/2021 2:36:40 PM

Quant Time: May 27 02:42:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N052121W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 21 17:24:08 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.597	168	210400	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.522	114	390963	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.357	117	355019	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.296	152	167796	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.959	65	158809	48.64	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.28%
35) Dibromofluoromethane	7.517	113	122519	51.06	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.12%
50) Toluene-d8	10.035	98	471510	51.07	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	102.14%
62) 4-Bromofluorobenzene	12.355	95	176719	55.98	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	111.96%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.850	85	136467	50.74	ug/l	99
3) Chloromethane	2.048	50	172159	45.68	ug/l	99
4) Vinyl Chloride	2.177	62	160480	49.60	ug/l	99
5) Bromomethane	2.533	94	110043	62.83	ug/l	99
6) Chloroethane	2.673	64	87495	50.48	ug/l	98
7) Trichlorofluoromethane	2.984	101	194549	50.51	ug/l	99
8) Diethyl Ether	3.368	74	89865	50.47	ug/l	80
9) 1,1,2-Trichlorotrifluo...	3.705	101	125290	51.39	ug/l	88
10) Methyl Iodide	3.901	142	156534	43.64	ug/l	91
11) Tert butyl alcohol	4.730	59	134360	195.31	ug/l	# 86
12) 1,1-Dichloroethene	3.687	96	126615	50.10	ug/l	86
13) Acrolein	3.558	56	118320	206.92	ug/l	96
14) Allyl chloride	4.258	41	269950	48.61	ug/l	# 93
15) Acrylonitrile	4.904	53	334516	236.49	ug/l	98
16) Acetone	3.770	43	283293	211.07	ug/l	95
17) Carbon Disulfide	3.998	76	393030	50.62	ug/l	100
18) Methyl Acetate	4.261	43	180827	48.27	ug/l	91
19) Methyl tert-butyl Ether	4.963	73	416903	49.56	ug/l	96
20) Methylene Chloride	4.483	84	156730	47.51	ug/l	90
21) trans-1,2-Dichloroethene	4.961	96	138835	50.38	ug/l	88
22) Diisopropyl ether	5.870	45	476180	49.62	ug/l	# 94
23) Vinyl Acetate	5.811	43	2175228	246.85	ug/l	# 93
24) 1,1-Dichloroethane	5.765	63	282285	50.82	ug/l	97
25) 2-Butanone	6.752	43	471907	221.18	ug/l	# 89
26) 2,2-Dichloropropane	6.739	77	214701	45.50	ug/l	100
27) cis-1,2-Dichloroethene	6.747	96	161703	50.48	ug/l	91
28) Bromochloromethane	7.117	49	132158	49.13	ug/l	# 71
29) Tetrahydrofuran	7.136	42	299730	216.54	ug/l	# 85
30) Chloroform	7.297	83	273361	50.47	ug/l	99
31) Cyclohexane	7.581	56	236084	46.72	ug/l	87
32) 1,1,1-Trichloroethane	7.498	97	235357	50.76	ug/l	97
36) 1,1-Dichloropropene	7.720	75	201013	50.85	ug/l	96
37) Ethyl Acetate	6.849	43	209104	47.99	ug/l	95
38) Carbon Tetrachloride	7.704	117	194530	50.51	ug/l	99
39) Methylcyclohexane	9.021	83	223494	51.45	ug/l	90
40) Benzene	7.972	78	624192	51.65	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.087	41	100183	47.96	ug/l #	78
42) 1,2-Dichloroethane	8.056	62	206316	50.16	ug/l	96
43) Isopropyl Acetate	8.099	43	361144	47.77	ug/l #	86
44) Trichloroethene	8.774	130	147286	54.45	ug/l	81
45) 1,2-Dichloropropane	9.056	63	172402	52.28	ug/l	99
46) Dibromomethane	9.150	93	102736	50.88	ug/l #	83
47) Bromodichloromethane	9.343	83	221521	52.74	ug/l	97
48) Methyl methacrylate	9.144	41	157181	46.79	ug/l	87
49) 1,4-Dioxane	9.153	88	42583	892.58	ug/l #	85
51) 4-Methyl-2-Pentanone	9.928	43	1025013	244.78	ug/l	92
52) Toluene	10.099	92	381854	52.44	ug/l	98
53) t-1,3-Dichloropropene	10.330	75	231893	51.86	ug/l	100
54) cis-1,3-Dichloropropene	9.783	75	263522	52.56	ug/l #	88
55) 1,1,2-Trichloroethane	10.507	97	146745	52.17	ug/l	96
56) Ethyl methacrylate	10.378	69	224103	45.35	ug/l #	83
57) 1,3-Dichloropropane	10.654	76	251128	51.40	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.638	63	324168	398.81	ug/l	92
59) 2-Hexanone	10.700	43	644617	206.60	ug/l	92
60) Dibromochloromethane	10.850	129	155674	53.43	ug/l	99
61) 1,2-Dibromoethane	10.955	107	144842	52.15	ug/l	99
64) Tetrachloroethene	10.579	164	117465	48.45	ug/l	93
65) Chlorobenzene	11.381	112	378157	52.16	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.459	131	141681	51.37	ug/l	100
67) Ethyl Benzene	11.462	91	720327	53.00	ug/l	96
68) m/p-Xylenes	11.572	106	539510	112.14	ug/l	91
69) o-Xylene	11.899	106	262923	53.08	ug/l	88
70) Styrene	11.915	104	435403	50.62	ug/l	96
71) Bromoform	12.079	173	99600	54.26	ug/l #	99
73) Isopropylbenzene	12.202	105	691493	42.12	ug/l	96
74) N-amyl acetate	12.028	43	186506	60.17	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.457	83	212107	38.80	ug/l	98
76) 1,2,3-Trichloropropane	12.505	75	207237m	44.37	ug/l	
77) Bromobenzene	12.476	156	152045	45.61	ug/l	75
78) n-propylbenzene	12.543	91	828529	47.00	ug/l	93
79) 2-Chlorotoluene	12.626	91	488700	42.83	ug/l	93
80) 1,3,5-Trimethylbenzene	12.685	105	601250	44.39	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.253	75	60905	40.00	ug/l	94
82) 4-Chlorotoluene	12.725	91	496993	48.58	ug/l	92
83) tert-Butylbenzene	12.945	119	495379	40.79	ug/l	90
84) 1,2,4-Trimethylbenzene	12.990	105	585983	47.80	ug/l	96
85) sec-Butylbenzene	13.125	105	714598	46.92	ug/l	95
86) p-Isopropyltoluene	13.243	119	607705	51.06	ug/l	95
87) 1,3-Dichlorobenzene	13.234	146	280692	50.61	ug/l	97
88) 1,4-Dichlorobenzene	13.315	146	285051	48.24	ug/l	96
89) n-Butylbenzene	13.570	91	571448	57.93	ug/l	96
90) Hexachloroethane	13.825	117	102325	41.87	ug/l	77
91) 1,2-Dichlorobenzene	13.607	146	288825	54.62	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.227	75	40227	44.18	ug/l	73
93) 1,2,4-Trichlorobenzene	14.865	180	154013	53.17	ug/l	97
94) Hexachlorobutadiene	14.964	225	77062	52.70	ug/l	99
95) Naphthalene	15.085	128	436459	51.17	ug/l	100
96) 1,2,3-Trichlorobenzene	15.265	180	147853	61.53	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

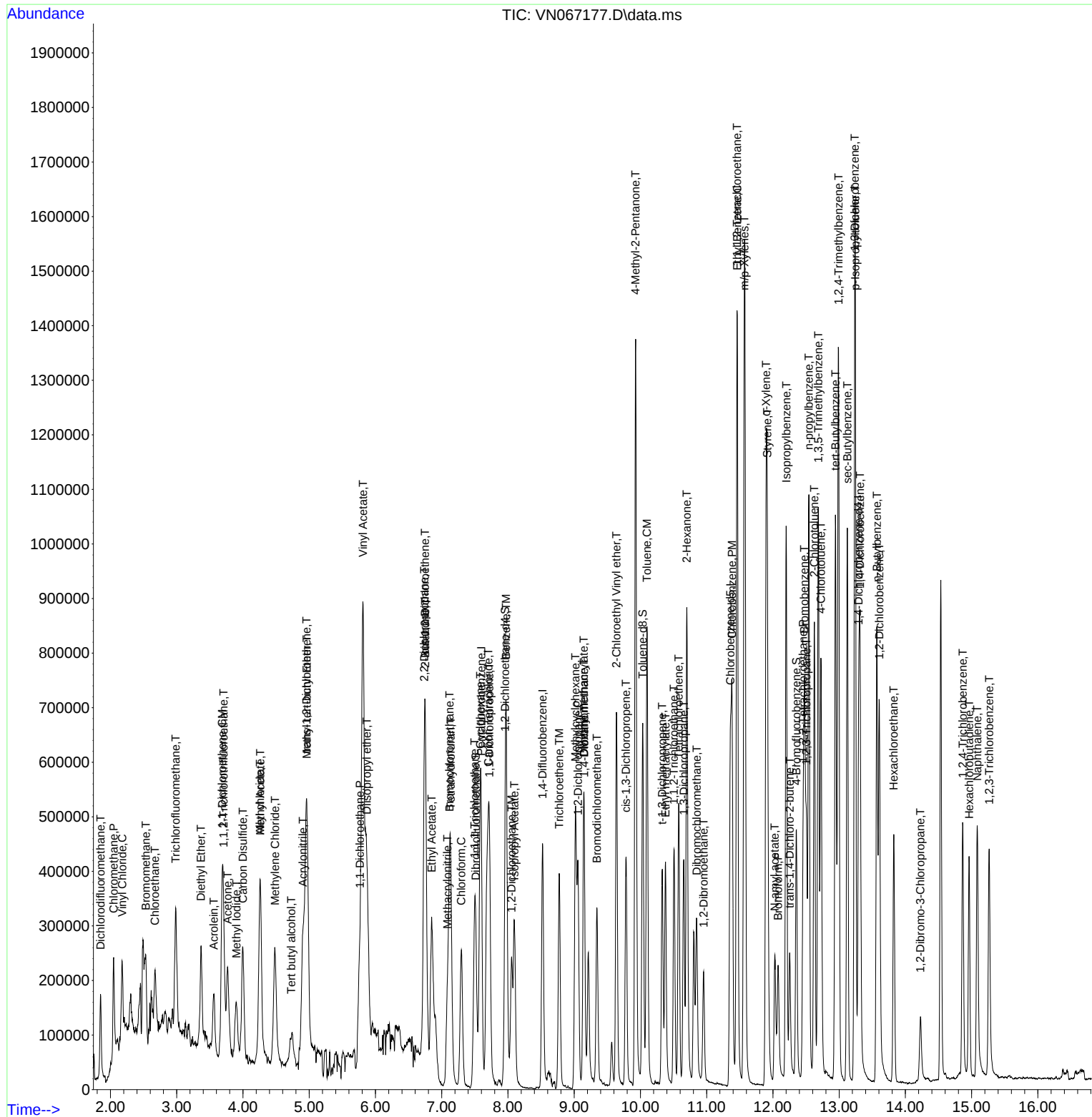
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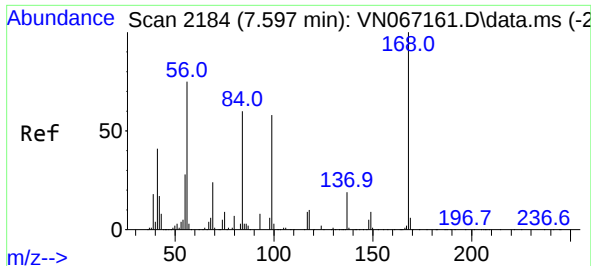
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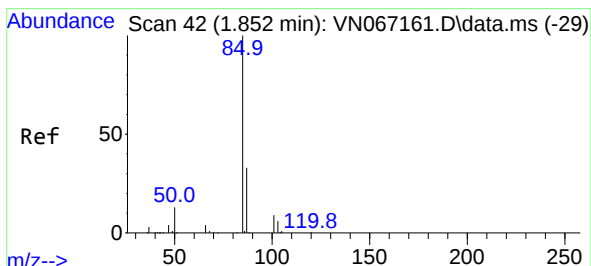
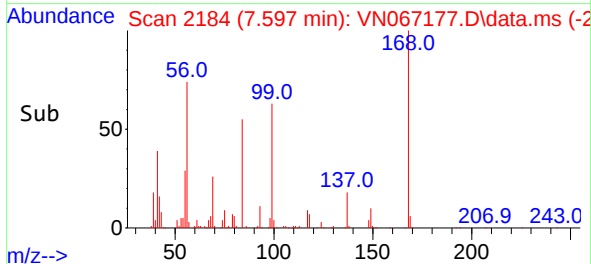
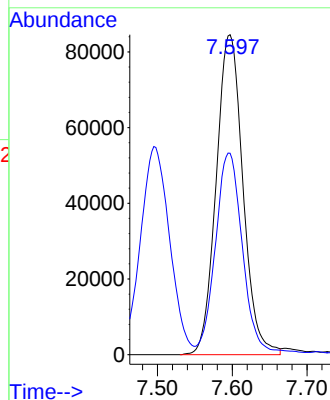
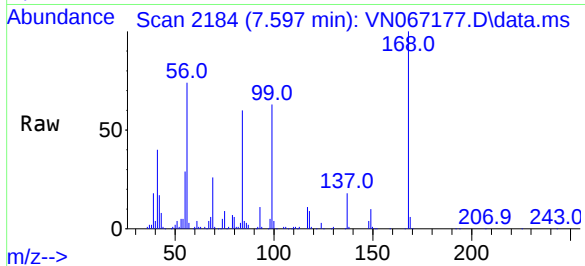
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.597 min Scan# 2184
Delta R.T. -0.000 min
Lab File: VN067177.D
Acq: 26 May 2021 19:15

Tgt Ion: 168 Resp: 210400
Ion Ratio Lower Upper
168 100
99 61.5 38.5 57.7#

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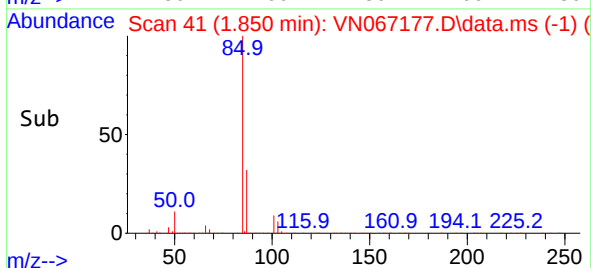
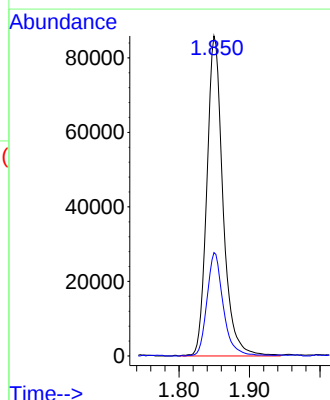
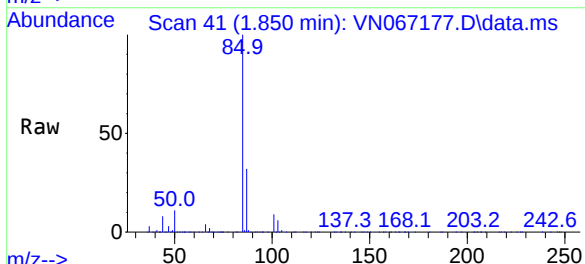
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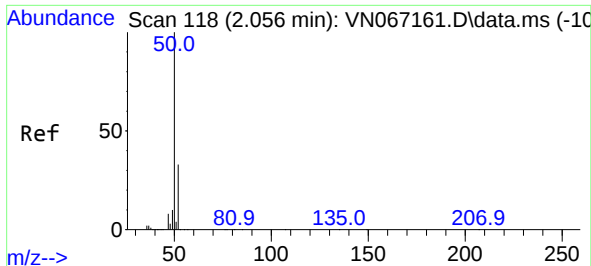
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#2
Dichlorodifluoromethane
Concen: 50.74 ug/l
RT: 1.850 min Scan# 41
Delta R.T. -0.002 min
Lab File: VN067177.D
Acq: 26 May 2021 19:15

Tgt Ion: 85 Resp: 136467
Ion Ratio Lower Upper
85 100
87 32.3 15.8 47.4





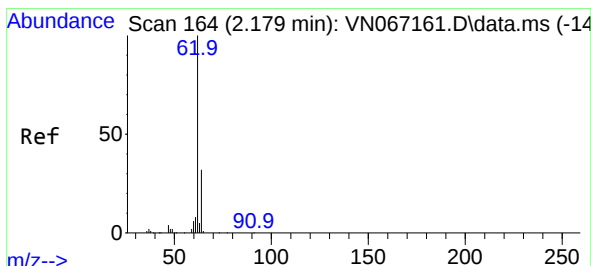
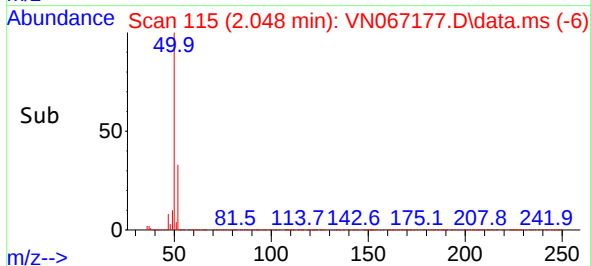
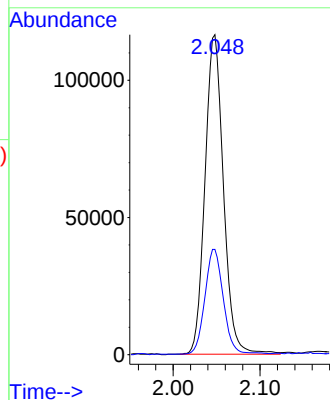
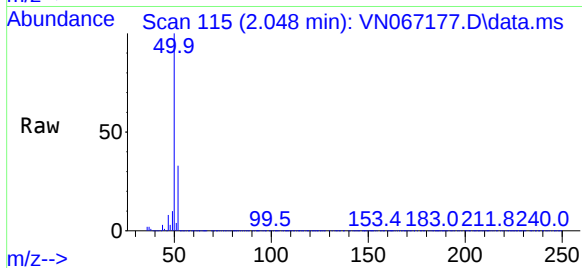
#3
Chloromethane
Concen: 45.68 ug/l
RT: 2.048 min Scan# 115
Delta R.T. -0.008 min
Lab File: VN067177.D
Acq: 26 May 2021 19:15

Tgt Ion: 50 Resp: 172159
Ion Ratio Lower Upper
50 100
52 32.8 26.5 39.7

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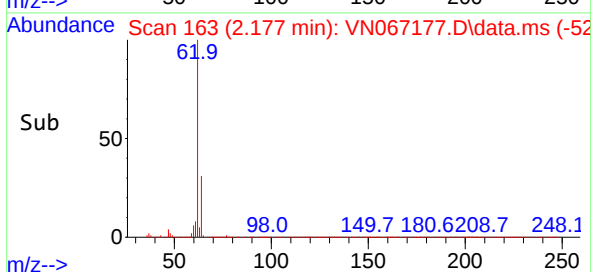
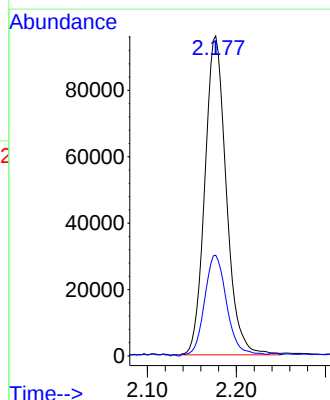
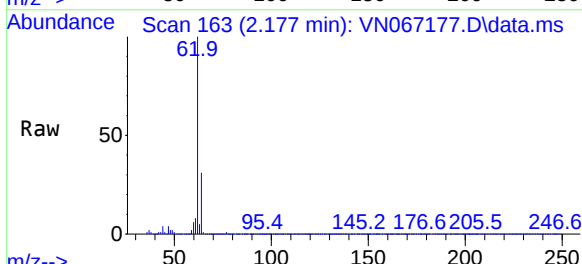
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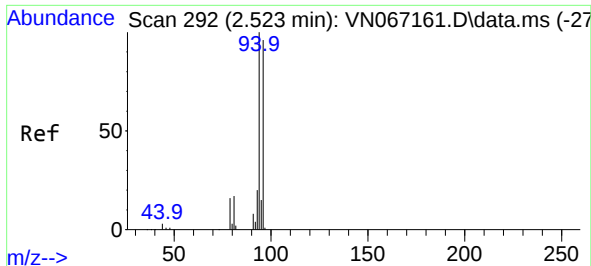
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#4
Vinyl Chloride
Concen: 49.60 ug/l
RT: 2.177 min Scan# 163
Delta R.T. -0.002 min
Lab File: VN067177.D
Acq: 26 May 2021 19:15

Tgt Ion: 62 Resp: 160480
Ion Ratio Lower Upper
62 100
64 31.6 25.9 38.9





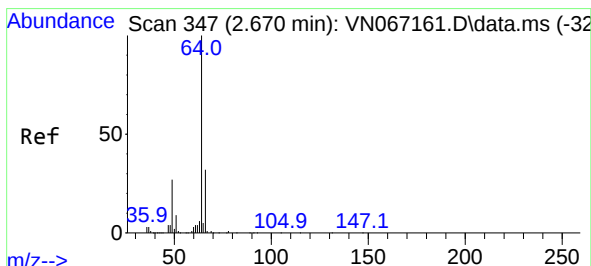
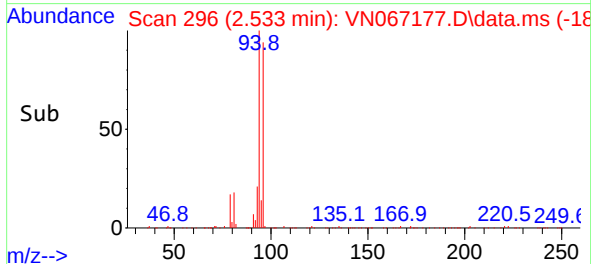
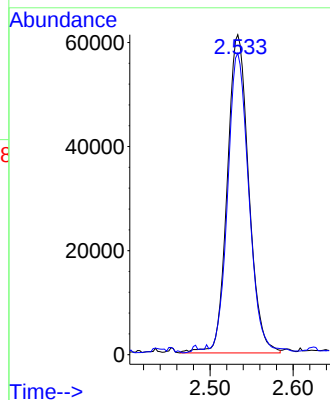
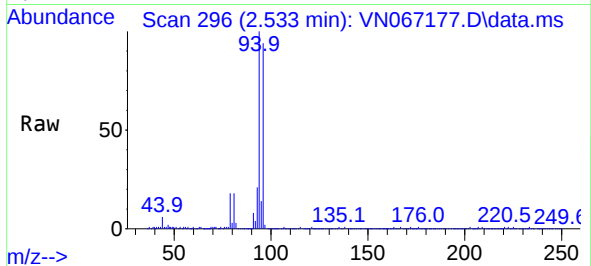
#5
Bromomethane
Concen: 62.83 ug/l
RT: 2.533 min Scan# 296
Delta R.T. 0.010 min
Lab File: VN067177.D
Acq: 26 May 2021 19:15

Tgt Ion: 94 Resp: 110043
Ion Ratio Lower Upper
94 100
96 93.7 74.4 111.6

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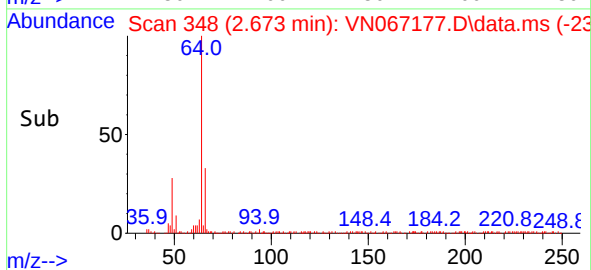
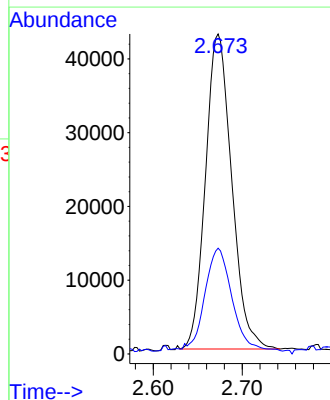
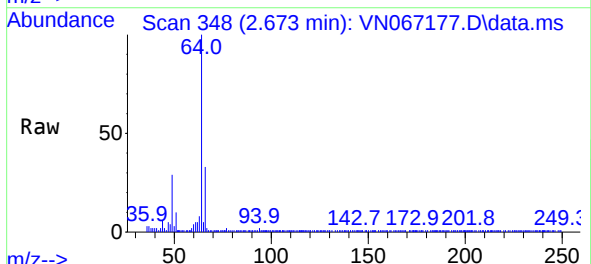
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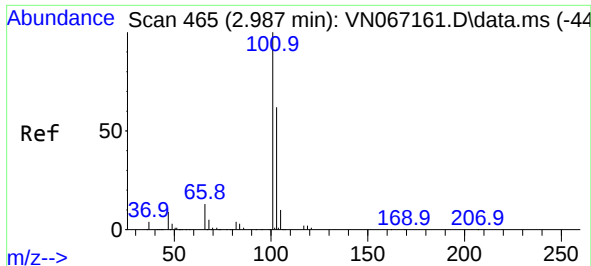
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#6
Chloroethane
Concen: 50.48 ug/l
RT: 2.673 min Scan# 348
Delta R.T. 0.003 min
Lab File: VN067177.D
Acq: 26 May 2021 19:15

Tgt Ion: 64 Resp: 87495
Ion Ratio Lower Upper
64 100
66 32.5 25.0 37.6





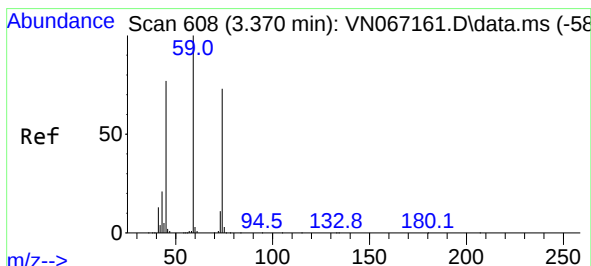
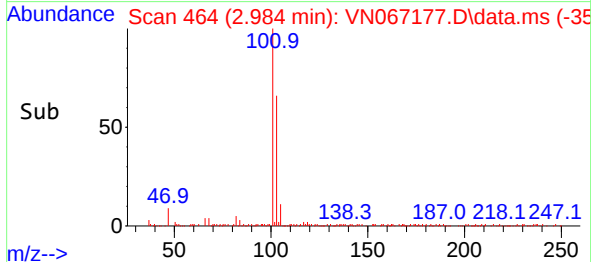
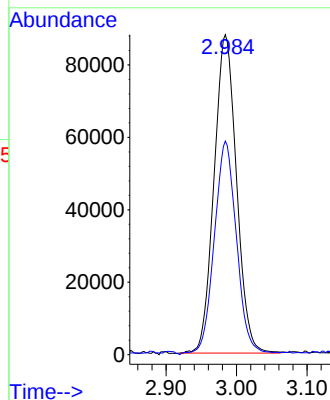
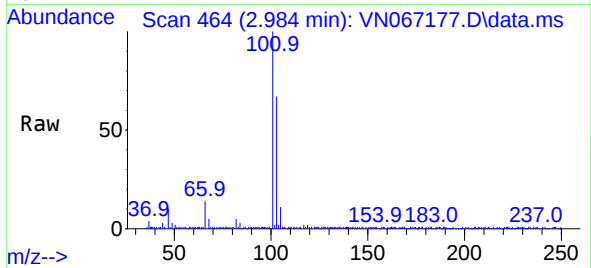
#7
Trichlorofluoromethane
Concen: 50.51 ug/l
RT: 2.984 min Scan# 464
Delta R.T. -0.003 min
Lab File: VN067177.D
Acq: 26 May 2021 19:15

Tgt Ion:101 Resp: 194549
Ion Ratio Lower Upper
101 100
103 67.1 53.2 79.8

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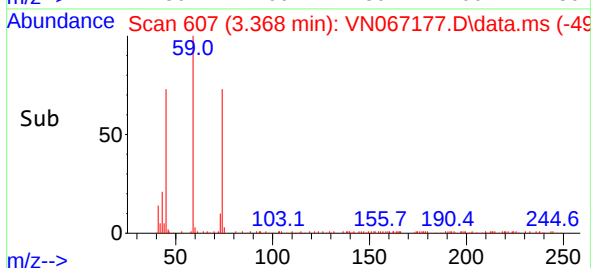
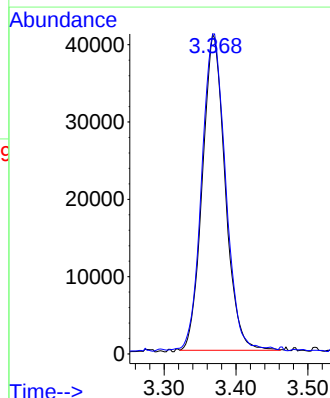
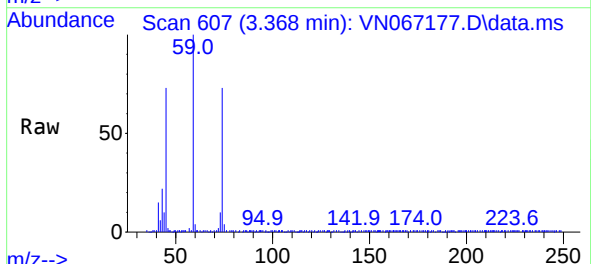
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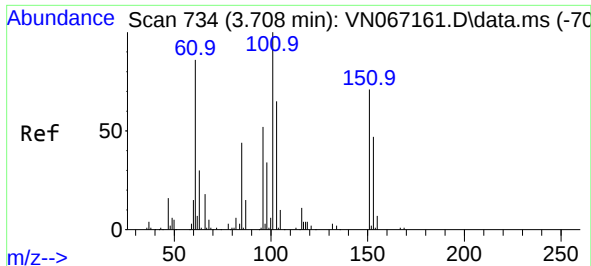
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#8
Diethyl Ether
Concen: 50.47 ug/l
RT: 3.368 min Scan# 607
Delta R.T. -0.002 min
Lab File: VN067177.D
Acq: 26 May 2021 19:15

Tgt Ion: 74 Resp: 89865
Ion Ratio Lower Upper
74 100
45 104.1 42.7 128.1





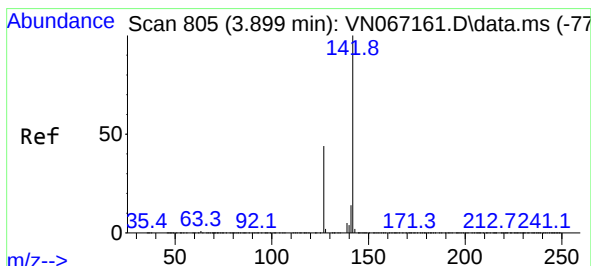
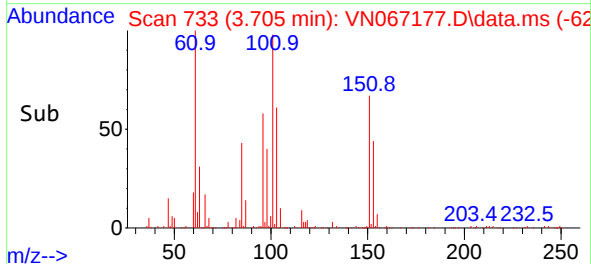
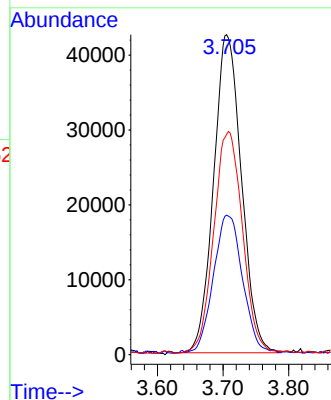
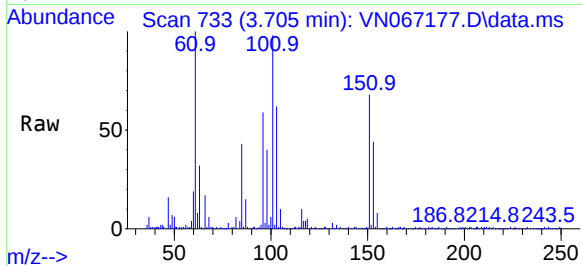
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.39 ug/l
RT: 3.705 min Scan# 733
Delta R.T. -0.003 min
Lab File: VN067177.D
Acq: 26 May 2021 19:15

Tgt Ion:101 Resp: 125290
Ion Ratio Lower Upper
101 100
85 44.4 32.6 49.0
151 71.9 68.2 102.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

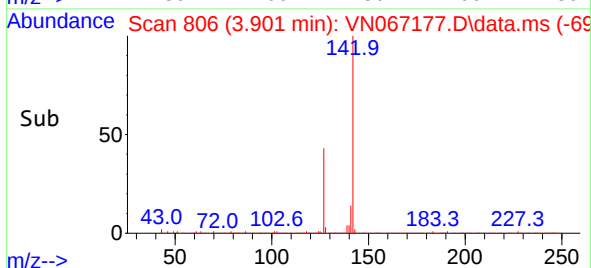
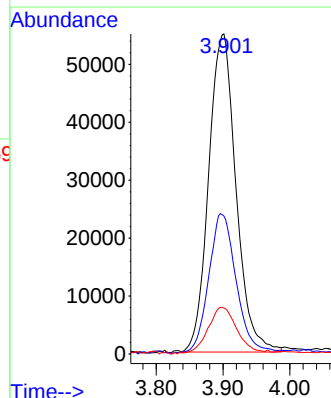
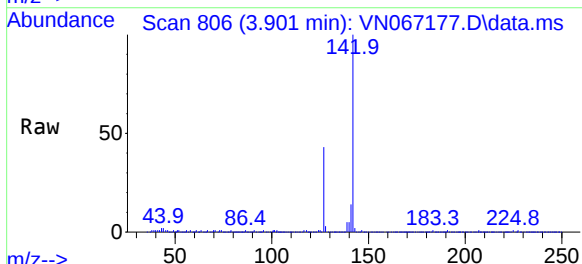
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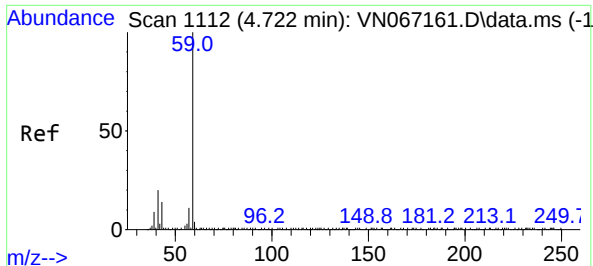
MMDadoda
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#10
Methyl Iodide
Concen: 43.64 ug/l
RT: 3.901 min Scan# 806
Delta R.T. 0.002 min
Lab File: VN067177.D
Acq: 26 May 2021 19:15

Tgt Ion:142 Resp: 156534
Ion Ratio Lower Upper
142 100
127 44.9 29.9 44.9
141 14.7 11.3 16.9





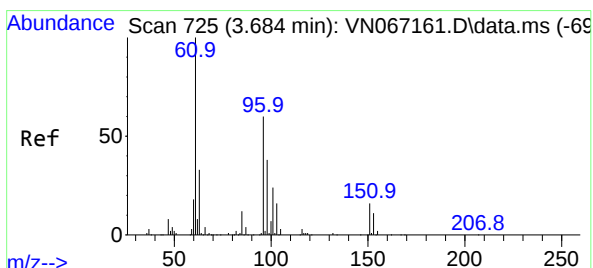
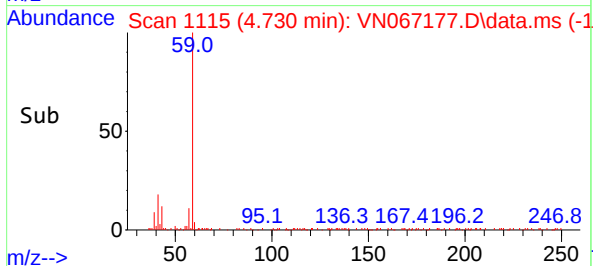
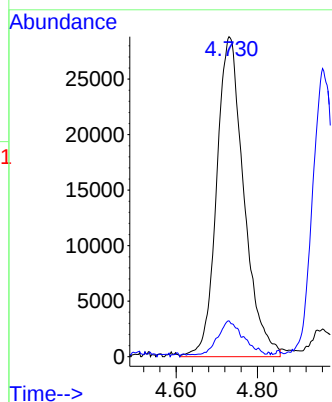
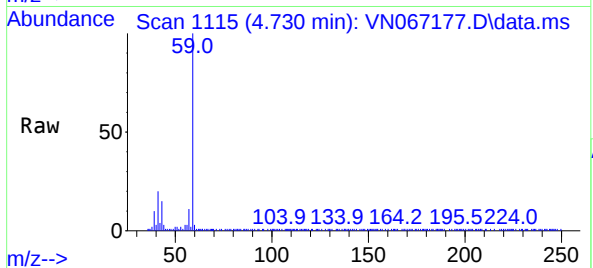
#11
Tert butyl alcohol
Concen: 195.31 ug/l
RT: 4.730 min Scan# 1115
Delta R.T. 0.008 min
Lab File: VN067177.D
Acq: 26 May 2021 19:15

Tgt Ion: 59 Resp: 134360
Ion Ratio Lower Upper
59 100
57 9.0 3.5 5.3#

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

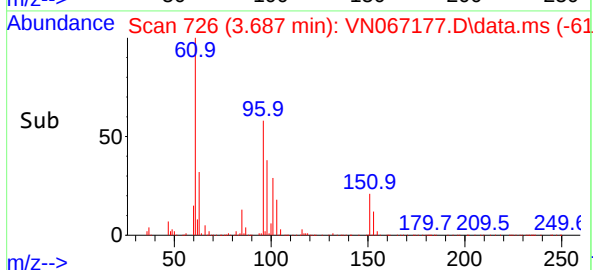
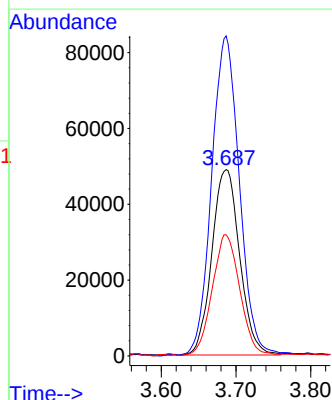
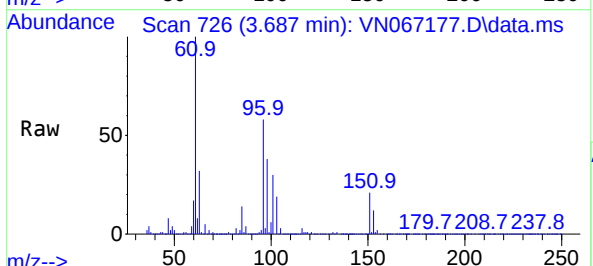
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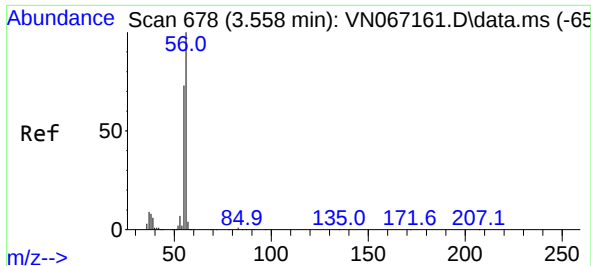
MMDadoda
5/28/2021 2:36:40 PM



#12
1,1-Dichloroethene
Concen: 50.10 ug/l
RT: 3.687 min Scan# 726
Delta R.T. 0.003 min
Lab File: VN067177.D
Acq: 26 May 2021 19:15

Tgt Ion: 96 Resp: 126615
Ion Ratio Lower Upper
96 100
61 172.7 118.1 177.1
98 65.3 51.1 76.7





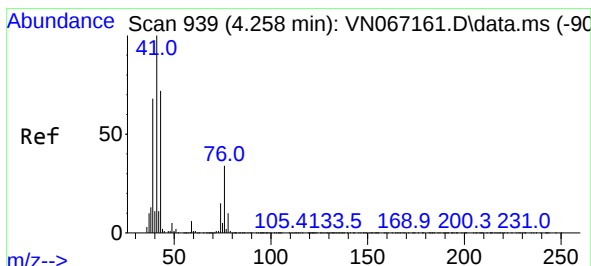
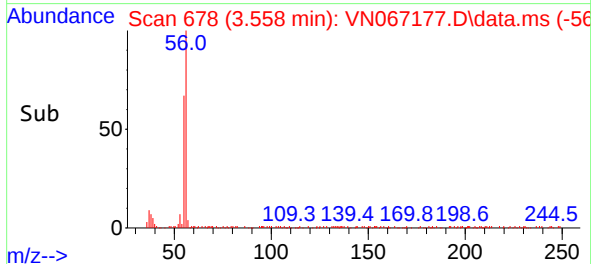
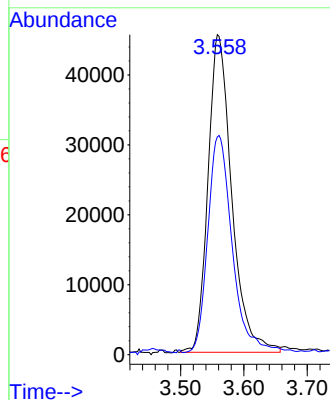
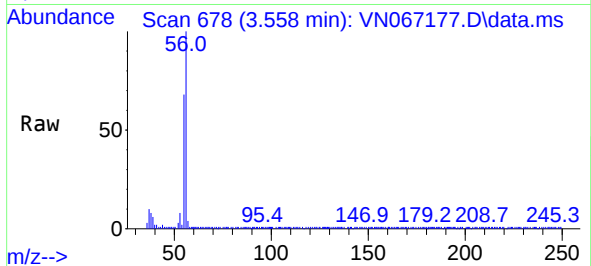
#13
Acrolein
Concen: 206.92 ug/l
RT: 3.558 min Scan# 678
Delta R.T. -0.000 min
Lab File: VN067177.D
Acq: 26 May 2021 19:15

Tgt Ion: 56 Resp: 118320
Ion Ratio Lower Upper
56 100
55 70.1 53.8 80.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

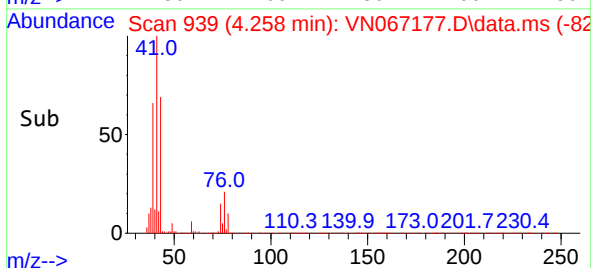
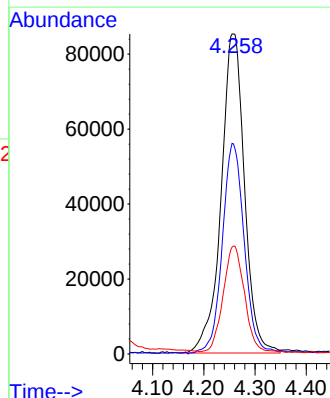
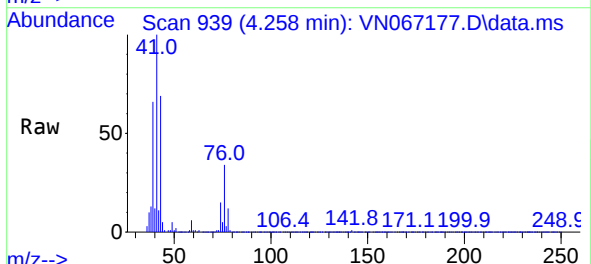
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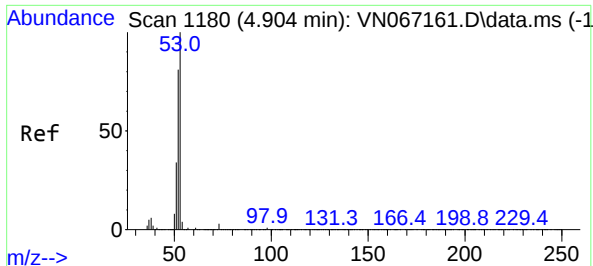
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#14
Allyl chloride
Concen: 48.61 ug/l
RT: 4.258 min Scan# 939
Delta R.T. -0.000 min
Lab File: VN067177.D
Acq: 26 May 2021 19:15

Tgt Ion: 41 Resp: 269950
Ion Ratio Lower Upper
41 100
39 62.2 48.7 73.1
76 29.7 31.4 47.2#





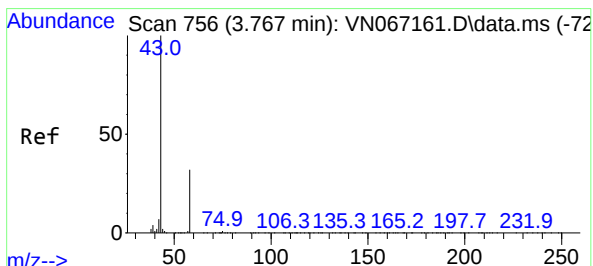
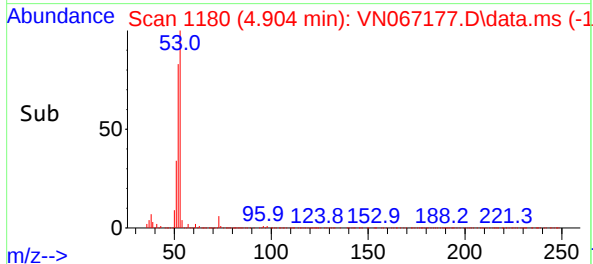
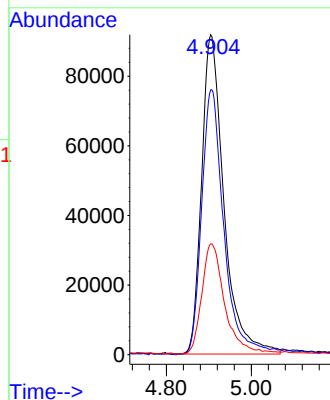
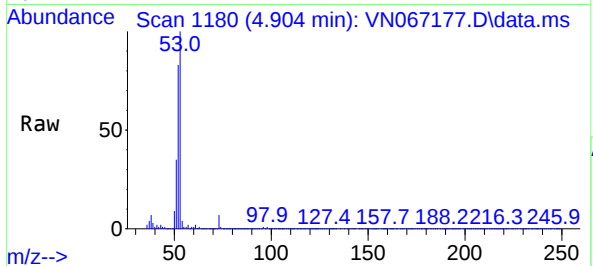
#15
Acrylonitrile
Concen: 236.49 ug/l
RT: 4.904 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VN067177.D
Acq: 26 May 2021 19:15

Tgt Ion: 53 Resp: 334516
Ion Ratio Lower Upper
53 100
52 81.5 66.6 100.0
51 34.7 28.6 42.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

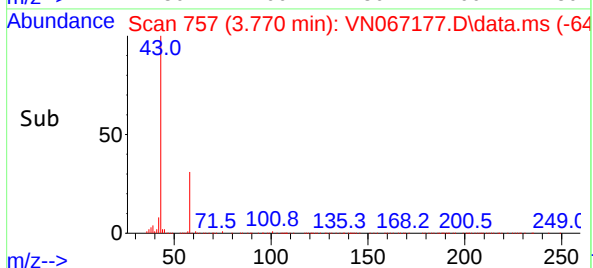
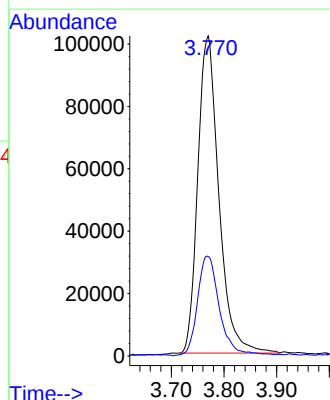
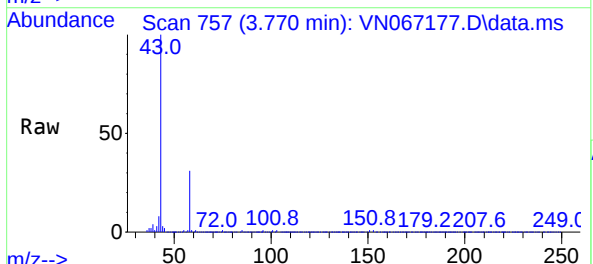
Manual Integrations
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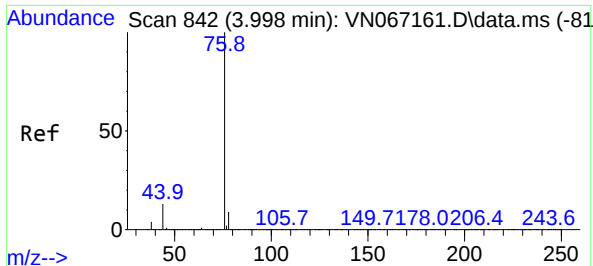
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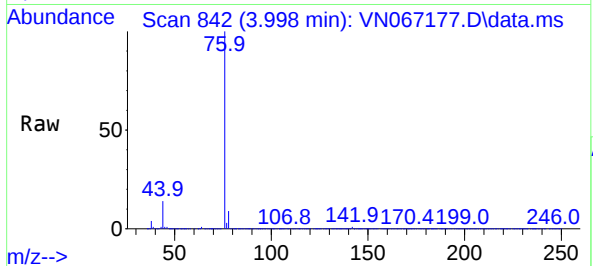
#16
Acetone
Concen: 211.07 ug/l
RT: 3.770 min Scan# 757
Delta R.T. 0.003 min
Lab File: VN067177.D
Acq: 26 May 2021 19:15

Tgt Ion: 43 Resp: 283293
Ion Ratio Lower Upper
43 100
58 31.0 27.2 40.8

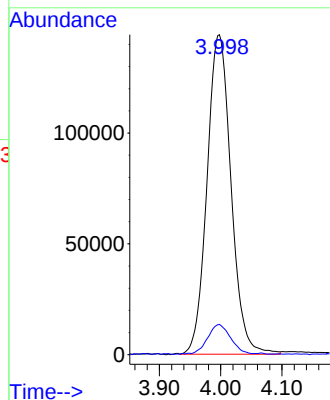
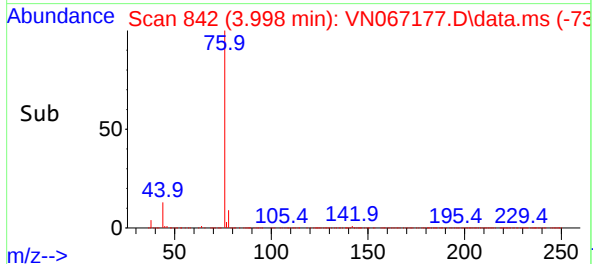




#17
Carbon Disulfide
Concen: 50.62 ug/l
RT: 3.998 min Scan# 842
Delta R.T. -0.000 min
Lab File: VN067177.D
Acq: 26 May 2021 19:15



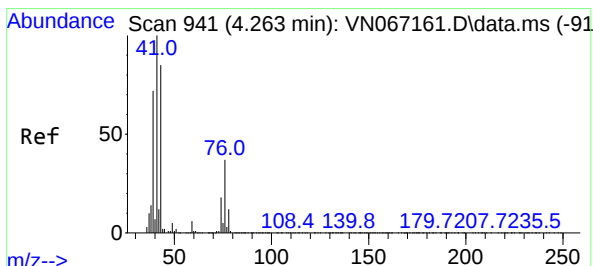
Tgt Ion: 76 Resp: 393030
Ion Ratio Lower Upper
76 100
78 9.3 7.5 11.3



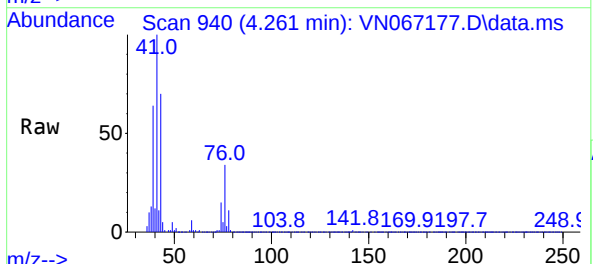
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

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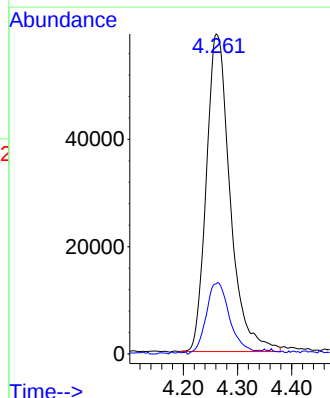
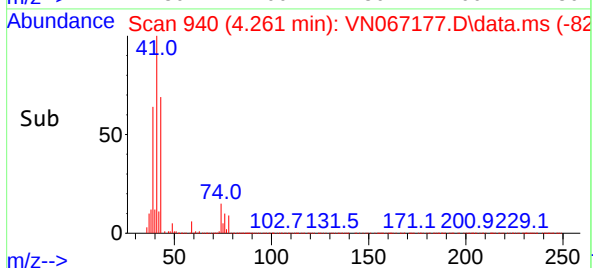
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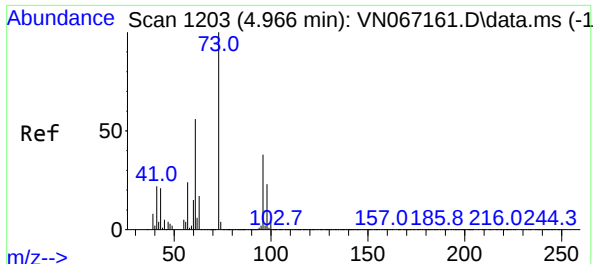


#18
Methyl Acetate
Concen: 48.27 ug/l
RT: 4.261 min Scan# 940
Delta R.T. -0.002 min
Lab File: VN067177.D
Acq: 26 May 2021 19:15



Tgt Ion: 43 Resp: 180827
Ion Ratio Lower Upper
43 100
74 22.3 21.4 32.2





#19

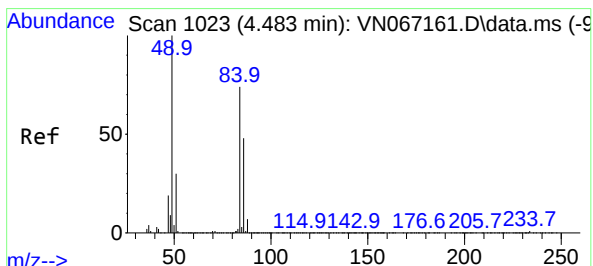
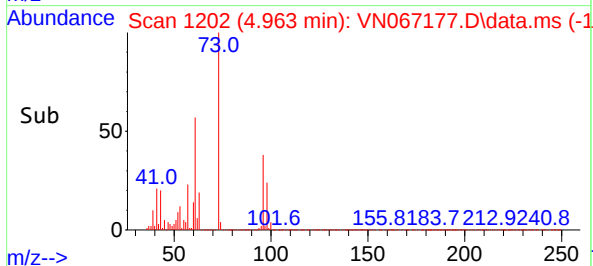
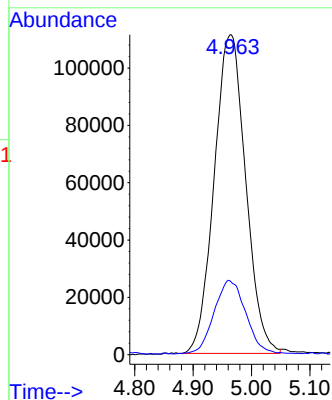
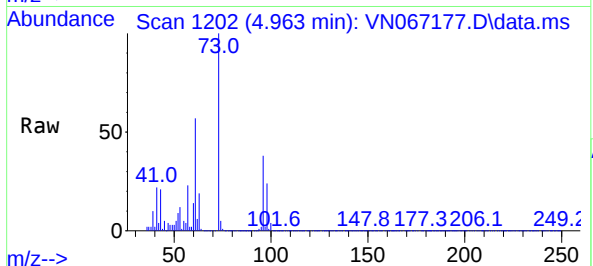
Methyl tert-butyl Ether
Concen: 49.56 ug/l
RT: 4.963 min Scan# 1202
Delta R.T. -0.003 min
Lab File: VN067177.D
Acq: 26 May 2021 19:15

Tgt Ion: 73 Resp: 416903
Ion Ratio Lower Upper
73 100
57 22.8 16.9 25.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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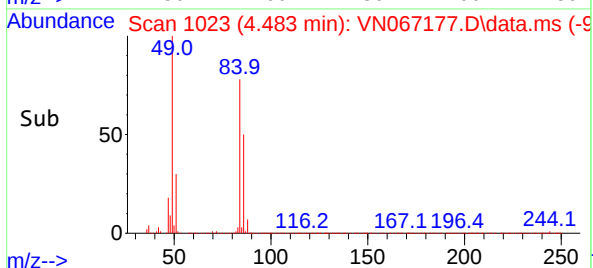
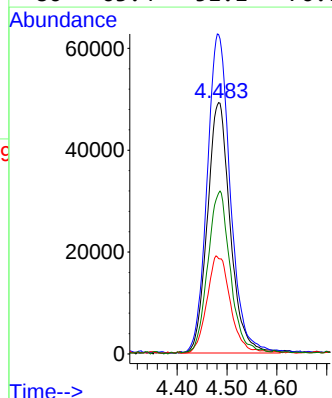
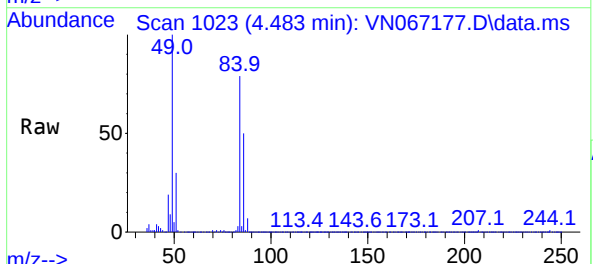
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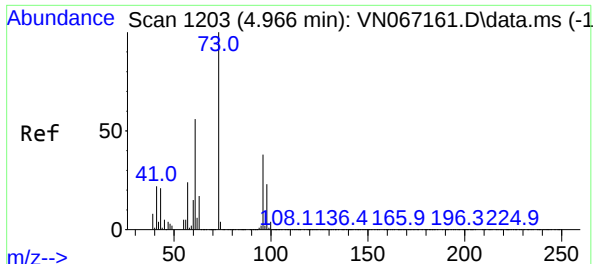


#20

Methylene Chloride
Concen: 47.51 ug/l
RT: 4.483 min Scan# 1023
Delta R.T. 0.000 min
Lab File: VN067177.D
Acq: 26 May 2021 19:15

Tgt Ion: 84 Resp: 156730
Ion Ratio Lower Upper
84 100
49 126.7 88.3 132.5
51 37.5 26.7 40.1
86 63.4 51.1 76.7





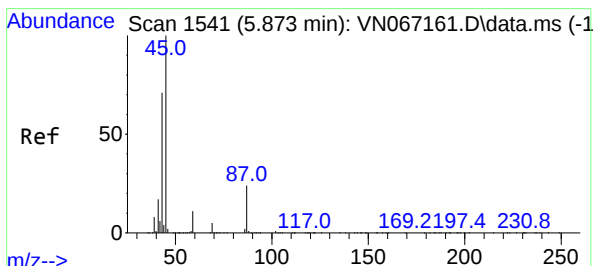
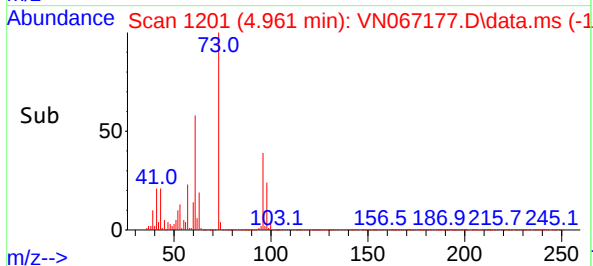
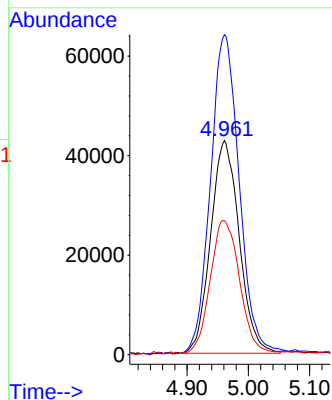
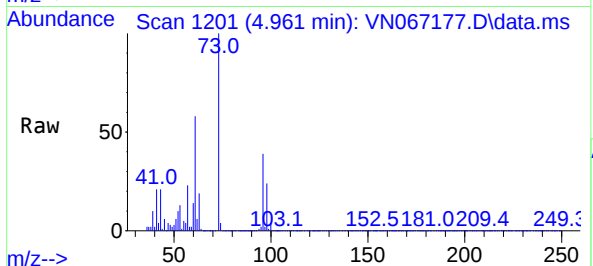
#21
trans-1,2-Dichloroethene
Concen: 50.38 ug/l
RT: 4.961 min Scan# 1201
Delta R.T. -0.005 min
Lab File: VN067177.D
Acq: 26 May 2021 19:15

Tgt Ion: 96 Resp: 138835
Ion Ratio Lower Upper
96 100
61 149.9 103.8 155.6
98 62.5 49.8 74.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

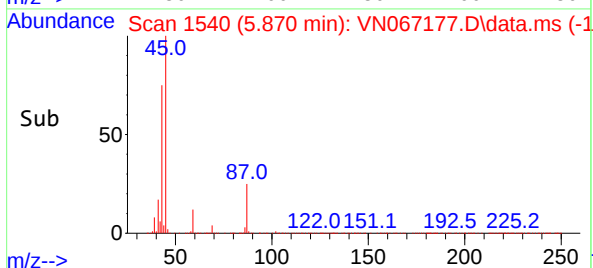
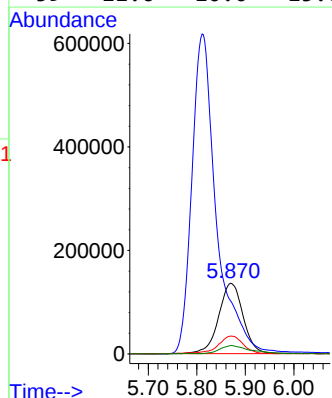
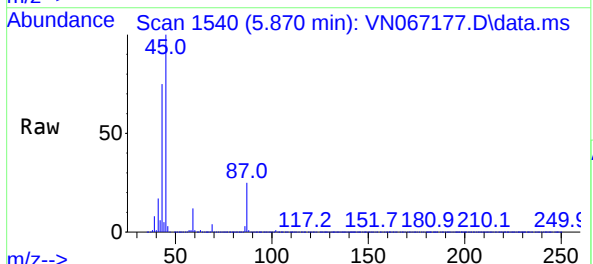
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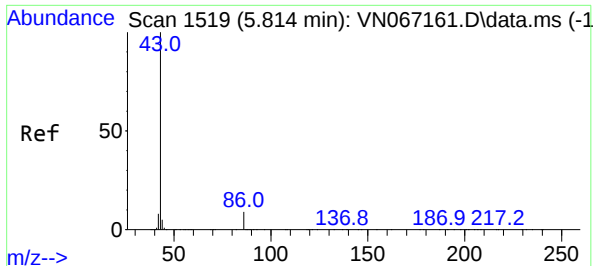
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#22
Diisopropyl ether
Concen: 49.62 ug/l
RT: 5.870 min Scan# 1540
Delta R.T. -0.003 min
Lab File: VN067177.D
Acq: 26 May 2021 19:15

Tgt Ion: 45 Resp: 476180
Ion Ratio Lower Upper
45 100
43 71.7 55.6 83.4
87 24.9 26.5 39.7#
59 11.6 10.0 15.0





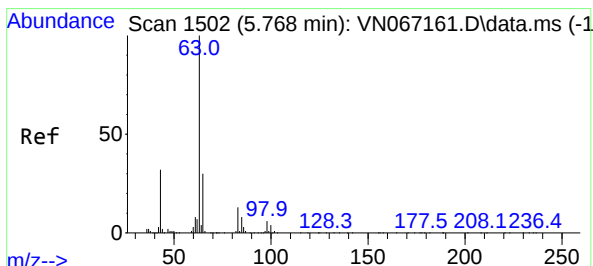
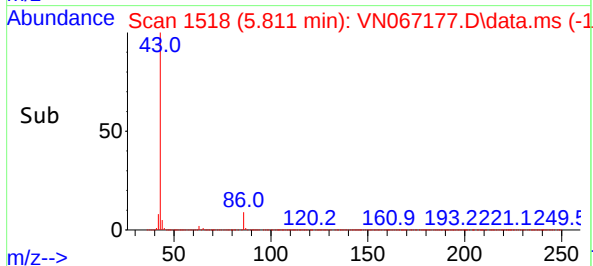
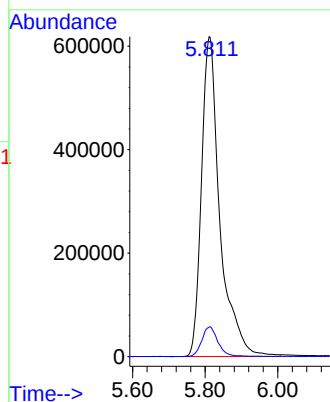
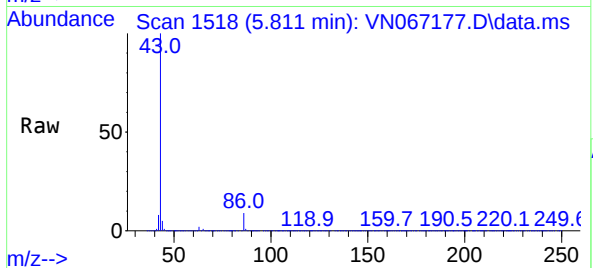
#23
Vinyl Acetate
Concen: 246.85 ug/l
RT: 5.811 min Scan# 1518
Delta R.T. -0.003 min
Lab File: VN067177.D
Acq: 26 May 2021 19:15

Tgt Ion: 43 Resp: 2175228
Ion Ratio Lower Upper
43 100
86 9.2 9.5 14.3#

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

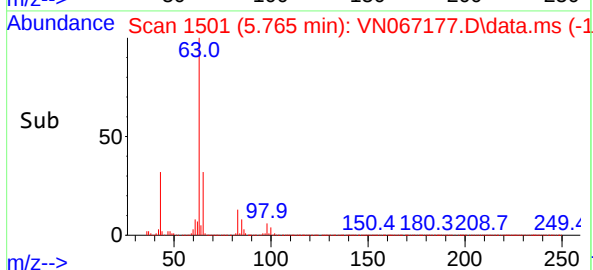
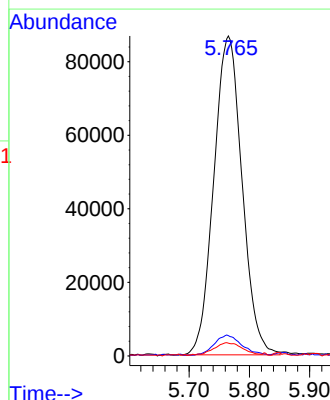
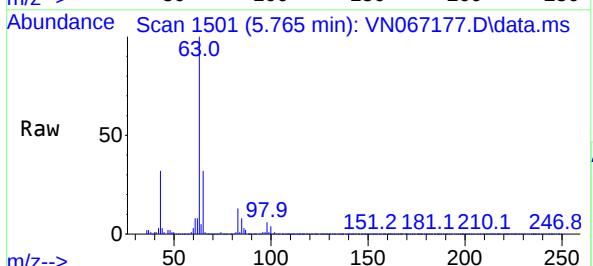
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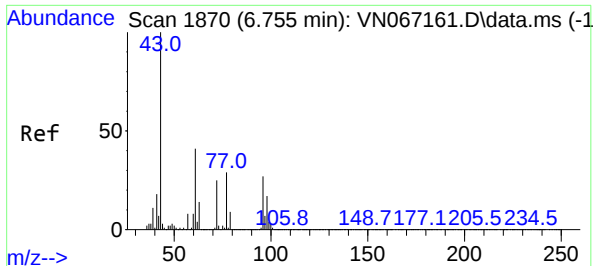
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#24
1,1-Dichloroethane
Concen: 50.82 ug/l
RT: 5.765 min Scan# 1501
Delta R.T. -0.003 min
Lab File: VN067177.D
Acq: 26 May 2021 19:15

Tgt Ion: 63 Resp: 282285
Ion Ratio Lower Upper
63 100
98 5.8 3.6 10.8
100 3.7 2.3 6.8





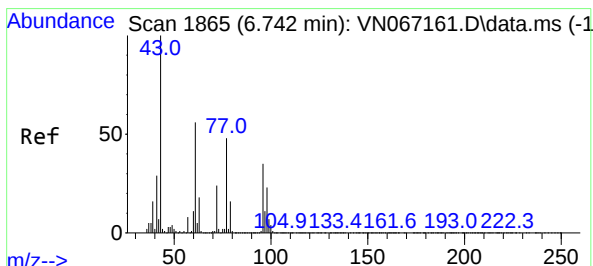
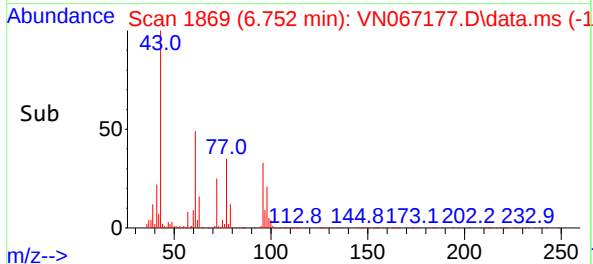
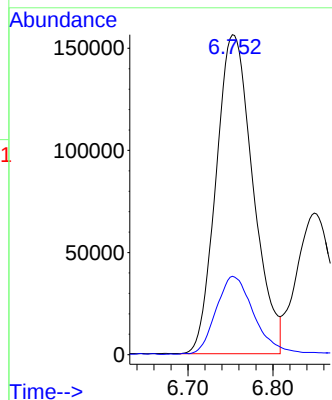
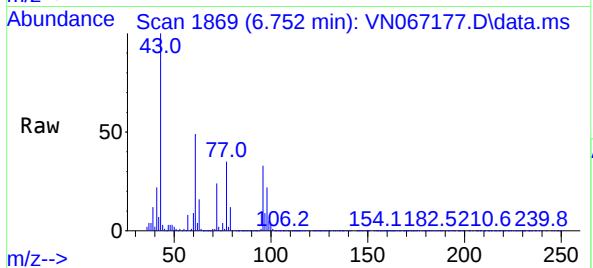
#25
2-Butanone
Concen: 221.18 ug/l
RT: 6.752 min Scan# 1869
Delta R.T. -0.003 min
Lab File: VN067177.D
Acq: 26 May 2021 19:15

Tgt Ion: 43 Resp: 471907
Ion Ratio Lower Upper
43 100
72 24.4 24.4 36.6#

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

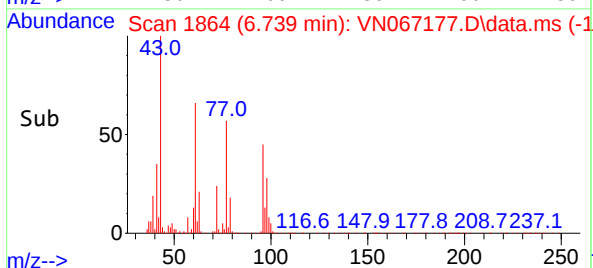
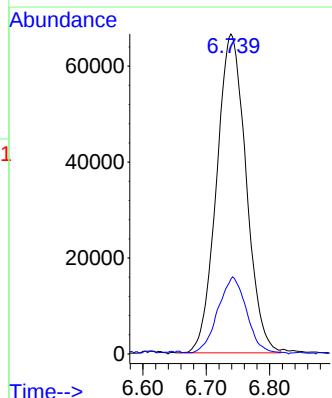
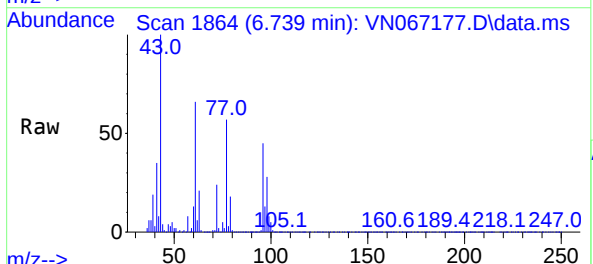
Manual Integrations
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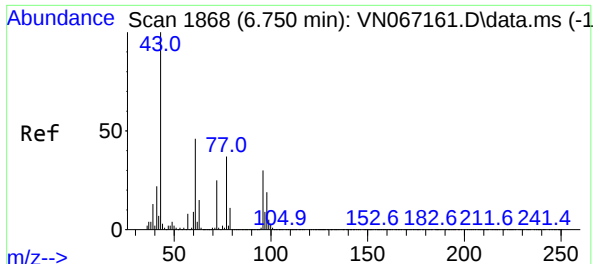
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#26
2,2-Dichloropropane
Concen: 45.50 ug/l
RT: 6.739 min Scan# 1864
Delta R.T. -0.003 min
Lab File: VN067177.D
Acq: 26 May 2021 19:15

Tgt Ion: 77 Resp: 214701
Ion Ratio Lower Upper
77 100
97 23.9 12.0 36.0





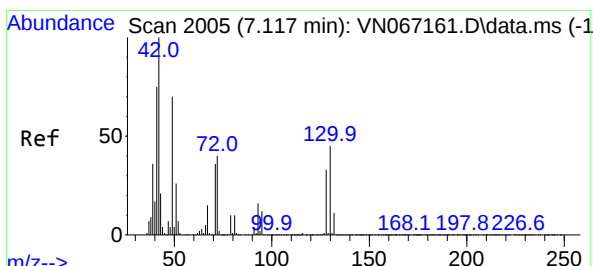
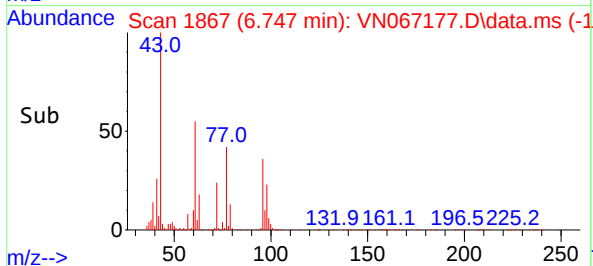
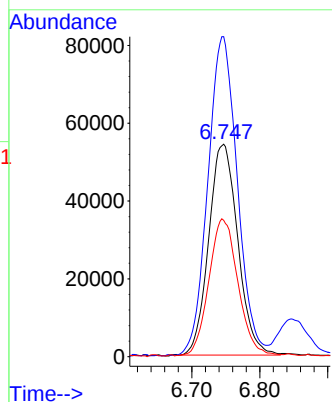
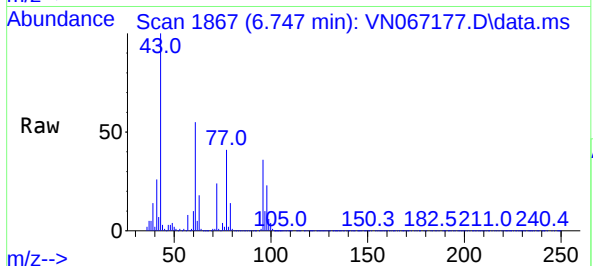
#27
cis-1,2-Dichloroethene
Concen: 50.48 ug/l
RT: 6.747 min Scan# 1867
Delta R.T. -0.003 min
Lab File: VN067177.D
Acq: 26 May 2021 19:15

Tgt Ion: 96 Resp: 161703
Ion Ratio Lower Upper
96 100
61 152.3 0.0 272.4
98 64.6 0.0 130.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

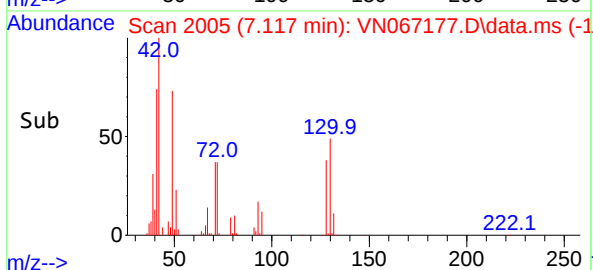
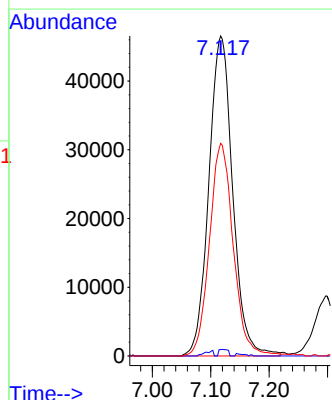
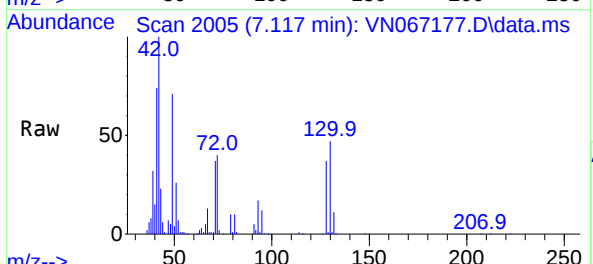
Manual Integrations
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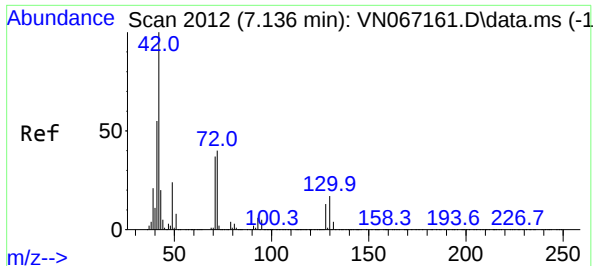
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#28
Bromochloromethane
Concen: 49.13 ug/l
RT: 7.117 min Scan# 2005
Delta R.T. -0.000 min
Lab File: VN067177.D
Acq: 26 May 2021 19:15

Tgt Ion: 49 Resp: 132158
Ion Ratio Lower Upper
49 100
129 0.8 0.0 4.8
130 66.2 76.4 114.6#





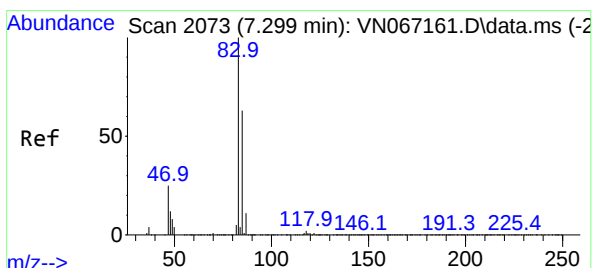
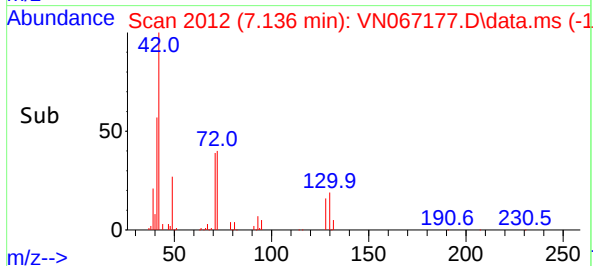
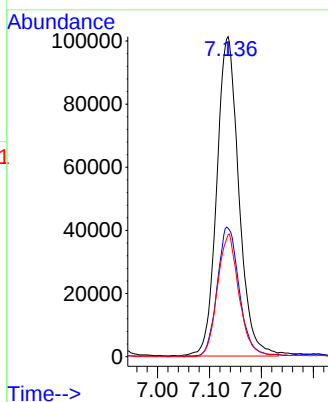
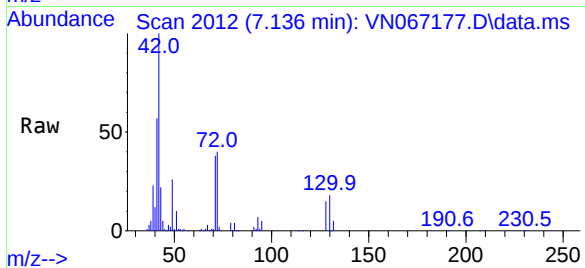
#29
Tetrahydrofuran
Concen: 216.54 ug/l
RT: 7.136 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN067177.D
Acq: 26 May 2021 19:15

Tgt Ion: 42 Resp: 299730
Ion Ratio Lower Upper
42 100
72 40.1 40.1 60.1
71 37.3 37.9 56.9#

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

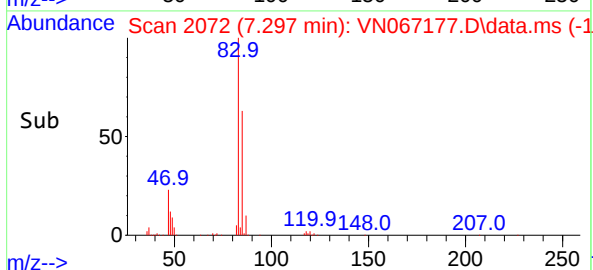
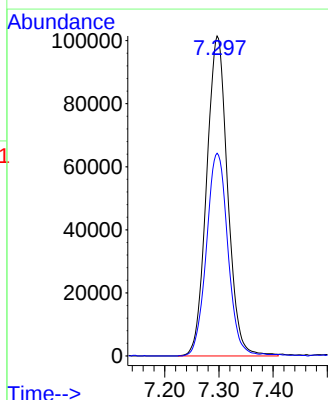
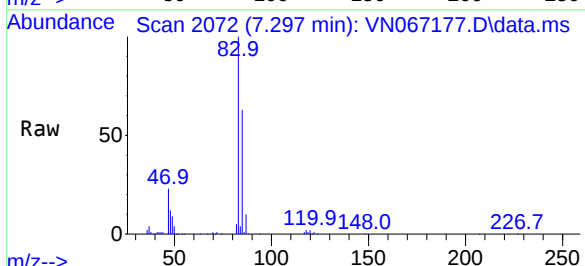
Manual Integrations
APPROVED

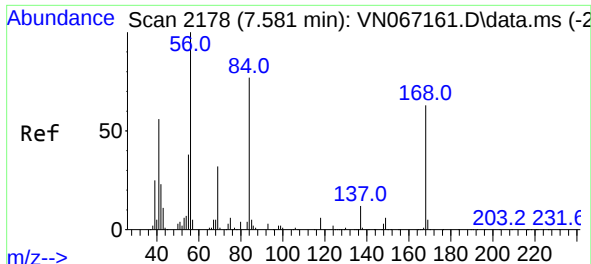
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#30
Chloroform
Concen: 50.47 ug/l
RT: 7.297 min Scan# 2072
Delta R.T. -0.002 min
Lab File: VN067177.D
Acq: 26 May 2021 19:15

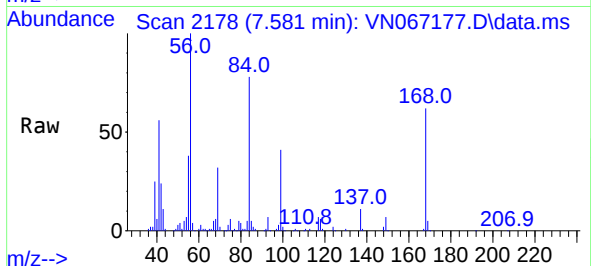
Tgt Ion: 83 Resp: 273361
Ion Ratio Lower Upper
83 100
85 63.4 51.2 76.8





#31
Cyclohexane
Concen: 46.72 ug/l
RT: 7.581 min Scan# 2178
Delta R.T. -0.000 min
Lab File: VN067177.D
Acq: 26 May 2021 19:15

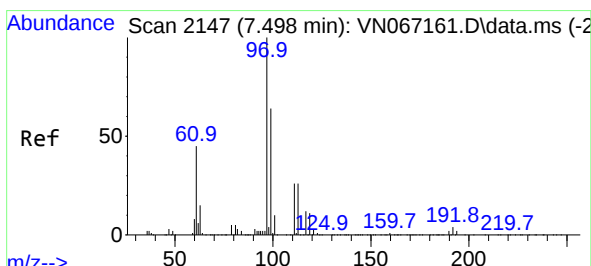
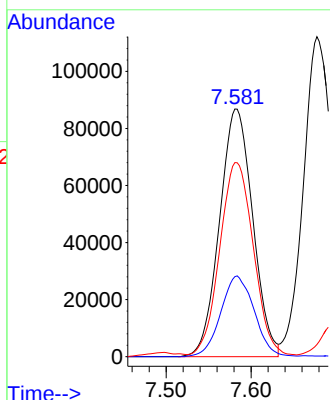
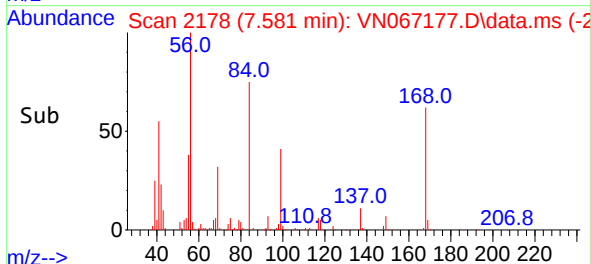
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



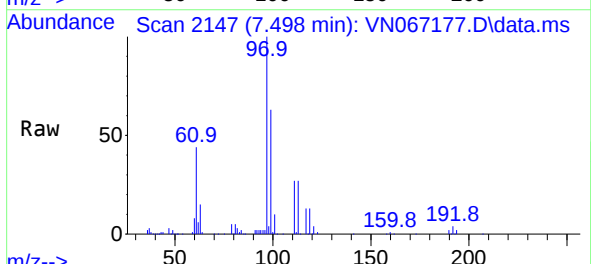
Tgt Ion: 56 Resp: 236084
Ion Ratio Lower Upper
56 100
69 32.3 28.0 42.0
84 77.2 74.2 111.2

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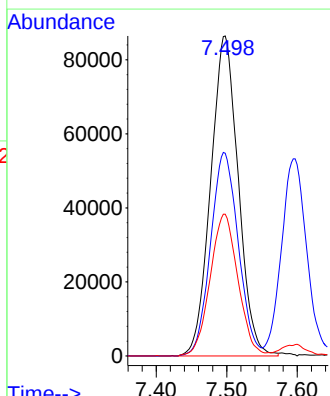
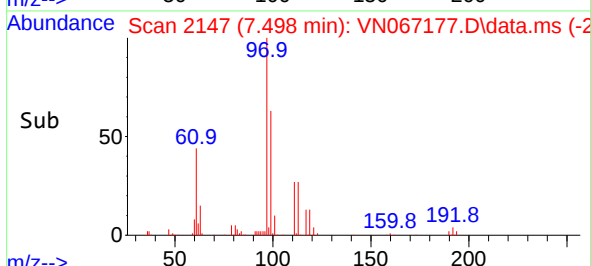
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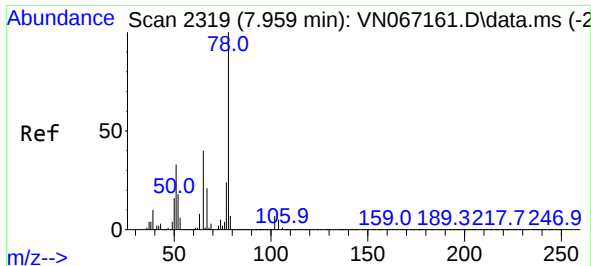


#32
1,1,1-Trichloroethane
Concen: 50.76 ug/l
RT: 7.498 min Scan# 2147
Delta R.T. -0.000 min
Lab File: VN067177.D
Acq: 26 May 2021 19:15



Tgt Ion: 97 Resp: 235357
Ion Ratio Lower Upper
97 100
99 63.7 50.7 76.1
61 44.7 31.6 47.4





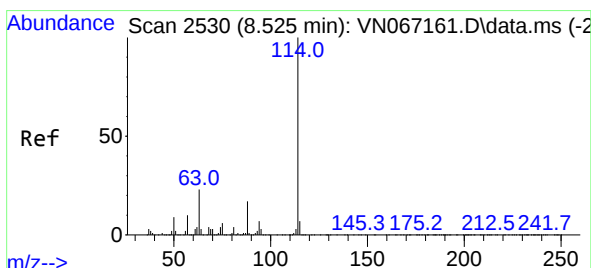
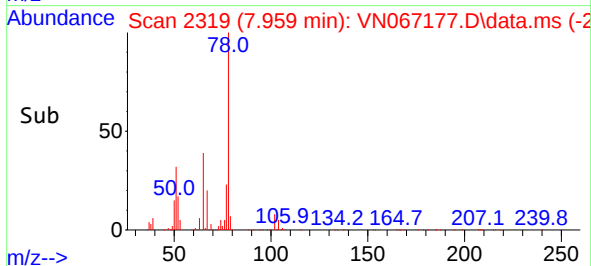
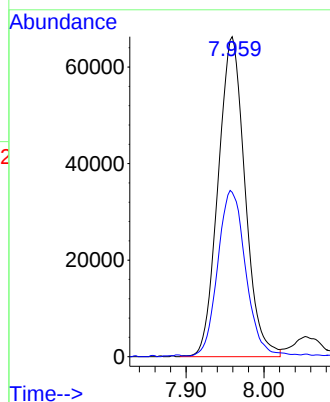
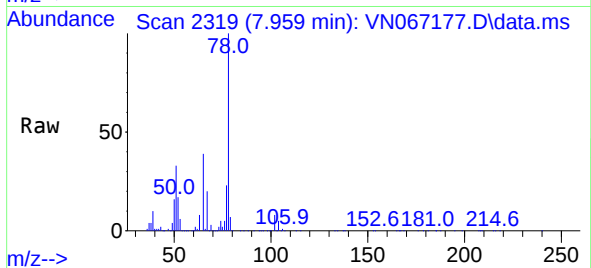
#33
1,2-Dichloroethane-d4
Concen: 48.64 ug/l
RT: 7.959 min Scan# 2319
Delta R.T. 0.000 min
Lab File: VN067177.D
Acq: 26 May 2021 19:15

Tgt Ion: 65 Resp: 158809
Ion Ratio Lower Upper
65 100
67 53.4 0.0 110.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

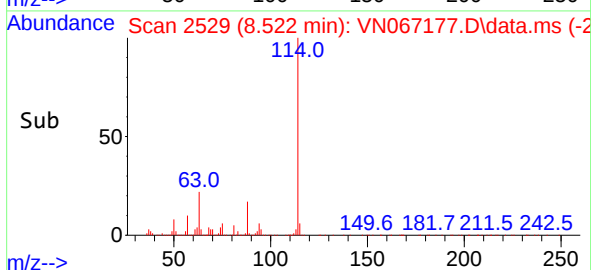
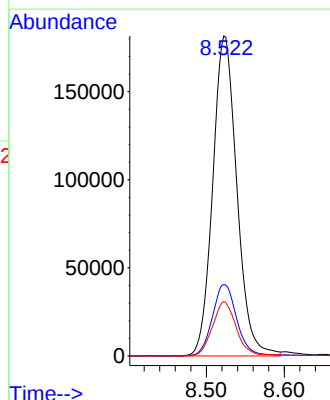
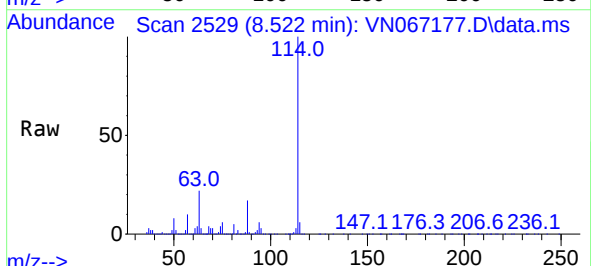
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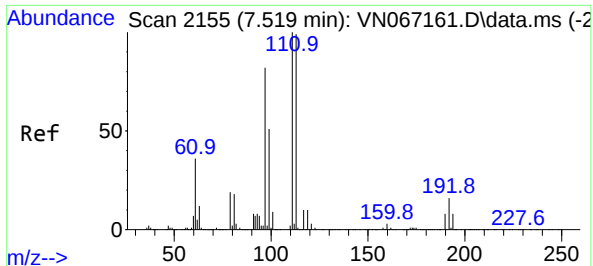
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#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.522 min Scan# 2529
Delta R.T. -0.003 min
Lab File: VN067177.D
Acq: 26 May 2021 19:15

Tgt Ion: 114 Resp: 390963
Ion Ratio Lower Upper
114 100
63 22.3 0.0 35.8
88 17.0 0.0 30.4





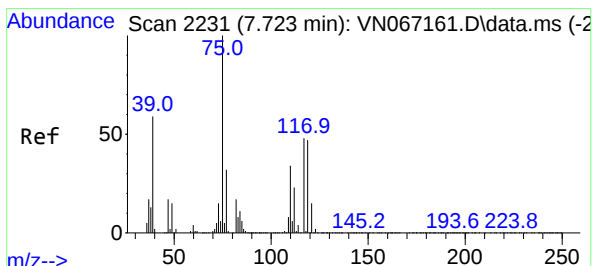
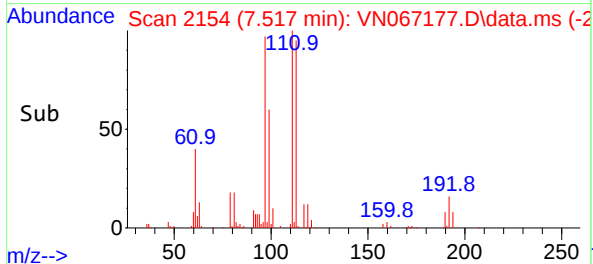
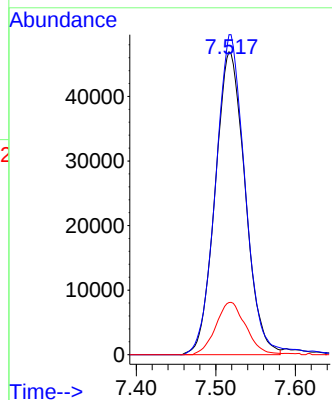
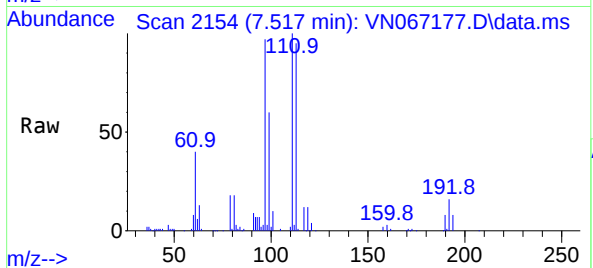
#35
Dibromofluoromethane
Concen: 51.06 ug/l
RT: 7.517 min Scan# 2154
Delta R.T. -0.002 min
Lab File: VN067177.D
Acq: 26 May 2021 19:15

Tgt Ion: 113 Resp: 122519
Ion Ratio Lower Upper
113 100
111 104.4 82.6 124.0
192 17.4 18.2 27.4#

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

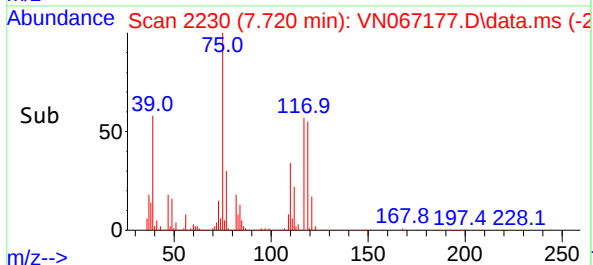
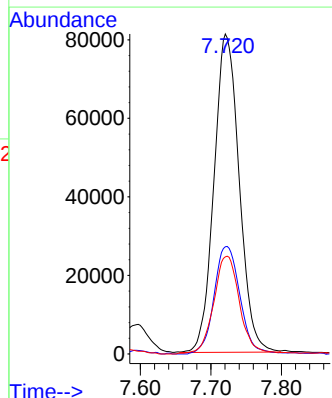
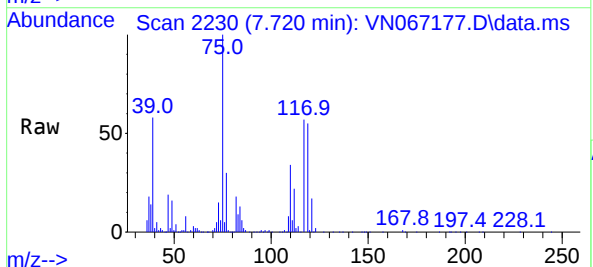
Manual Integrations
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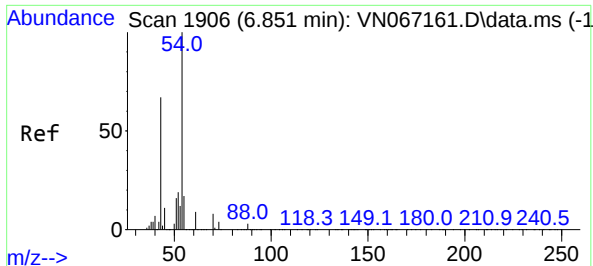
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#36
1,1-Dichloropropene
Concen: 50.85 ug/l
RT: 7.720 min Scan# 2230
Delta R.T. -0.003 min
Lab File: VN067177.D
Acq: 26 May 2021 19:15

Tgt Ion: 75 Resp: 201013
Ion Ratio Lower Upper
75 100
110 34.8 19.1 57.3
77 31.7 24.8 37.2





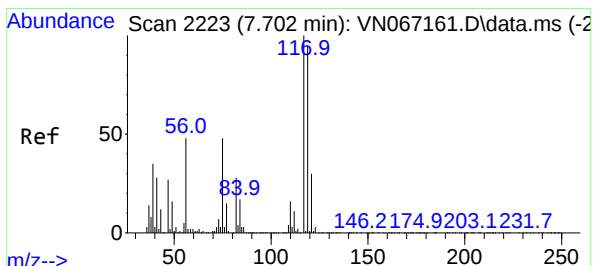
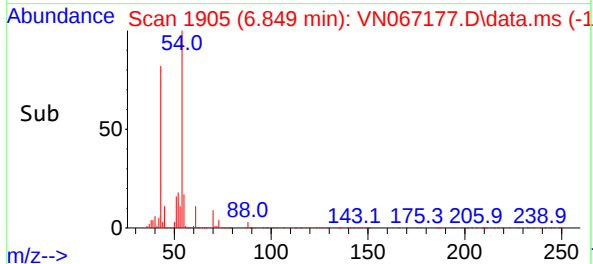
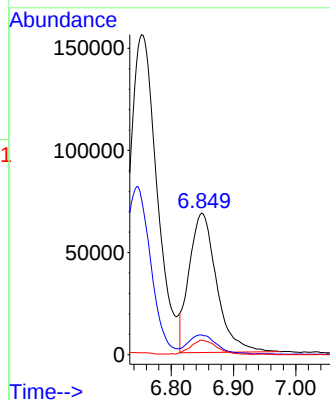
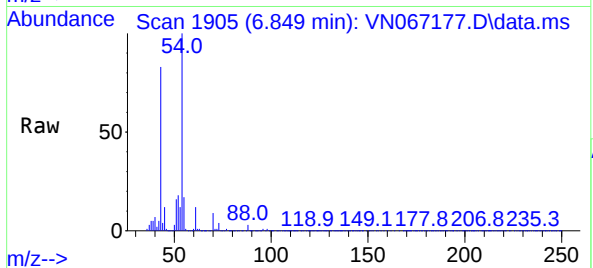
#37
Ethyl Acetate
Concen: 47.99 ug/l
RT: 6.849 min Scan# 1905
Delta R.T. -0.002 min
Lab File: VN067177.D
Acq: 26 May 2021 19:15

Tgt Ion:	43	Resp:	209104
Ion	Ratio	Lower	Upper
43	100		
61	13.7	13.0	19.4
70	9.6	9.2	13.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

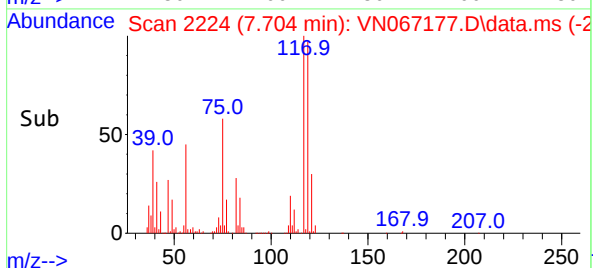
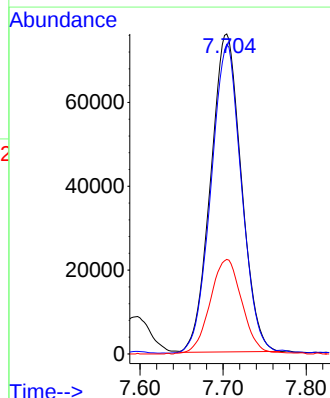
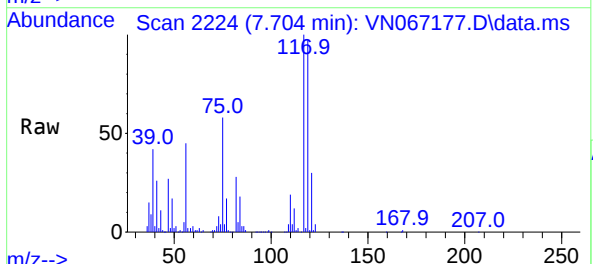
Manual Integrations
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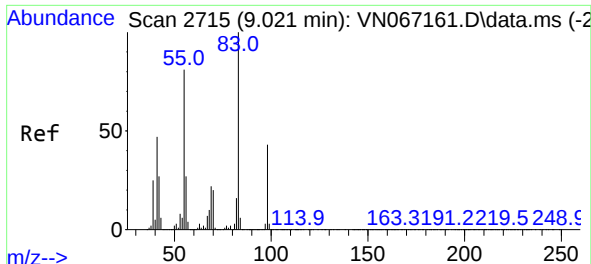
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#38
Carbon Tetrachloride
Concen: 50.51 ug/l
RT: 7.704 min Scan# 2224
Delta R.T. 0.002 min
Lab File: VN067177.D
Acq: 26 May 2021 19:15

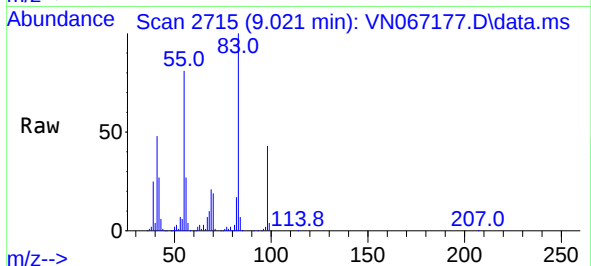
Tgt Ion:	117	Resp:	194530
Ion	Ratio	Lower	Upper
117	100		
119	96.8	78.2	117.2
121	29.5	24.7	37.1





#39
Methylcyclohexane
Concen: 51.45 ug/l
RT: 9.021 min Scan# 2715
Delta R.T. 0.000 min
Lab File: VN067177.D
Acq: 26 May 2021 19:15

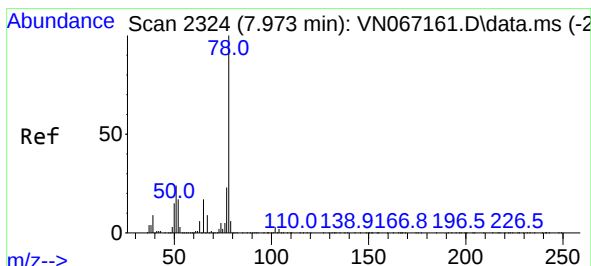
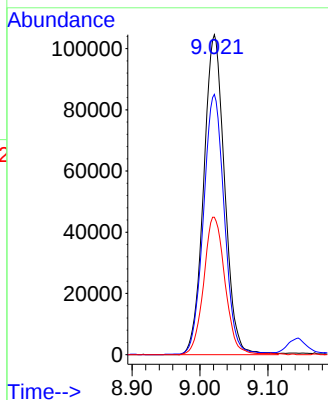
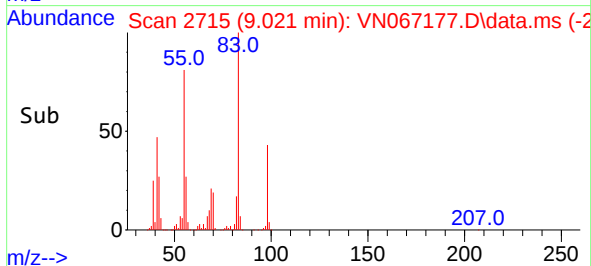
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



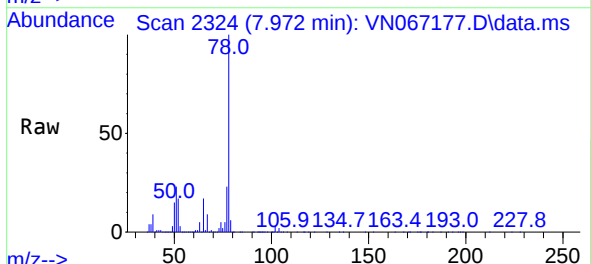
Tgt Ion: 83 Resp: 223494
Ion Ratio Lower Upper
83 100
55 81.1 56.2 84.2
98 43.0 36.8 55.2

Manual Integrations
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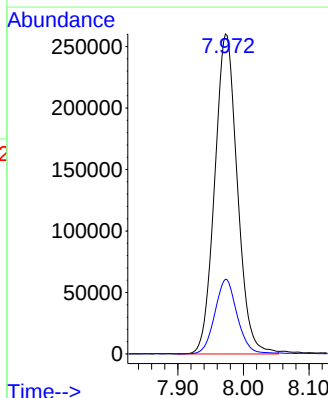
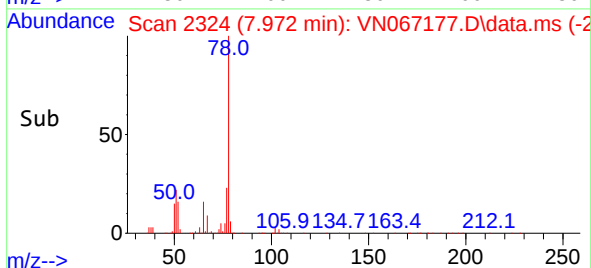
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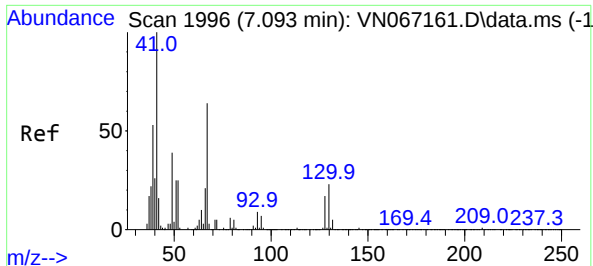


#40
Benzene
Concen: 51.65 ug/l
RT: 7.972 min Scan# 2324
Delta R.T. -0.001 min
Lab File: VN067177.D
Acq: 26 May 2021 19:15



Tgt Ion: 78 Resp: 624192
Ion Ratio Lower Upper
78 100
77 23.3 18.4 27.6





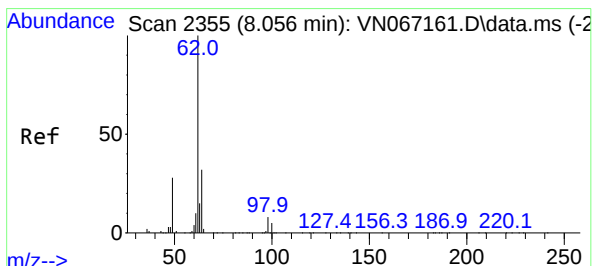
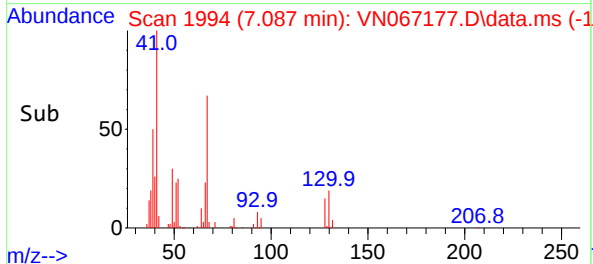
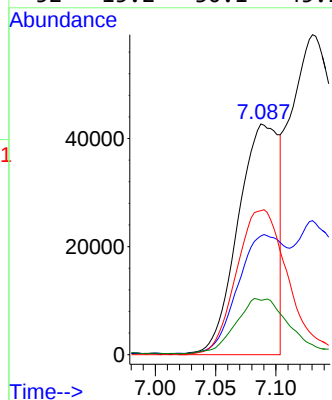
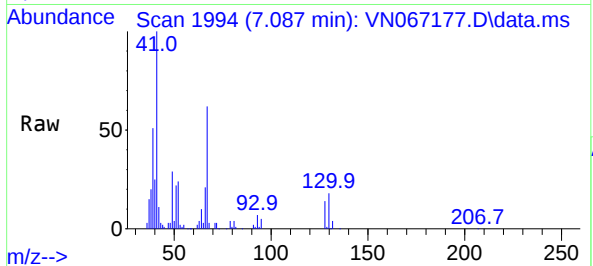
#41
Methacrylonitrile
Concen: 47.96 ug/l
RT: 7.087 min Scan# 1994
Delta R.T. -0.006 min
Lab File: VN067177.D
Acq: 26 May 2021 19:15

Tgt Ion: 41 Resp: 100183
Ion Ratio Lower Upper
41 100
39 60.8 45.3 67.9
67 80.3 85.1 127.7#
52 15.2 30.1 45.1#

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

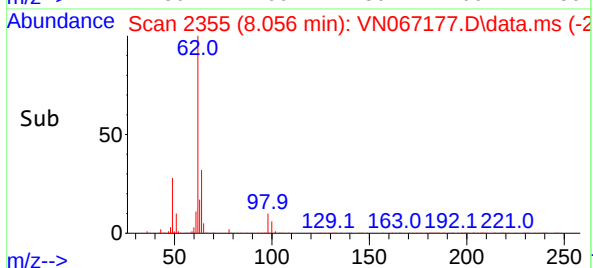
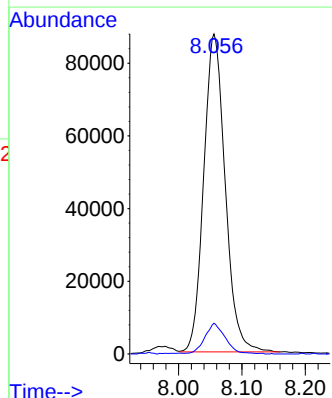
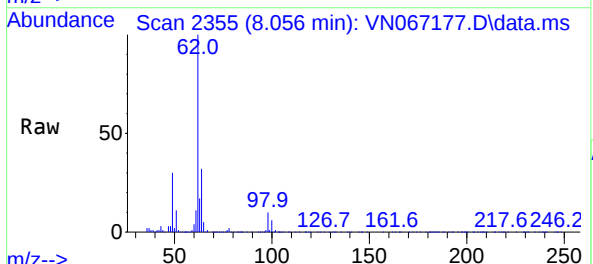
Manual Integrations
APPROVED

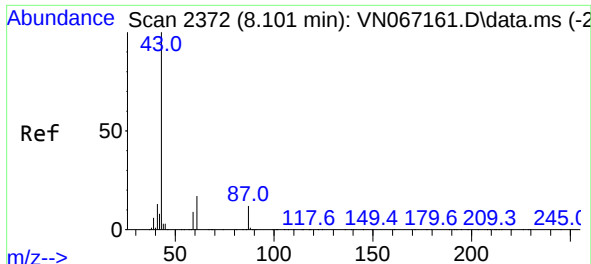
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5/28/2021 2:36:40 PM



#42
1,2-Dichloroethane
Concen: 50.16 ug/l
RT: 8.056 min Scan# 2355
Delta R.T. -0.000 min
Lab File: VN067177.D
Acq: 26 May 2021 19:15

Tgt Ion: 62 Resp: 206316
Ion Ratio Lower Upper
62 100
98 8.7 0.0 20.2





#43

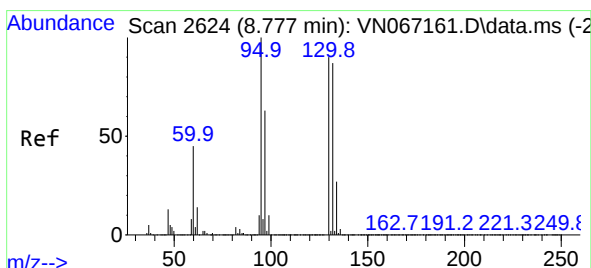
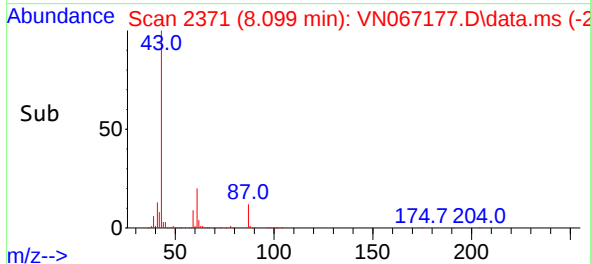
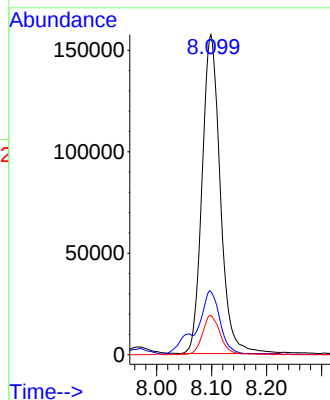
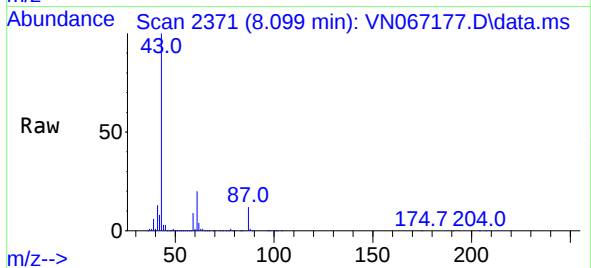
Isopropyl Acetate
Concen: 47.77 ug/l
RT: 8.099 min Scan# 2371
Delta R.T. -0.002 min
Lab File: VN067177.D
Acq: 26 May 2021 19:15

Tgt Ion: 43 Resp: 361144
Ion Ratio Lower Upper
43 100
61 19.8 23.4 35.0#
87 12.0 12.2 18.2#

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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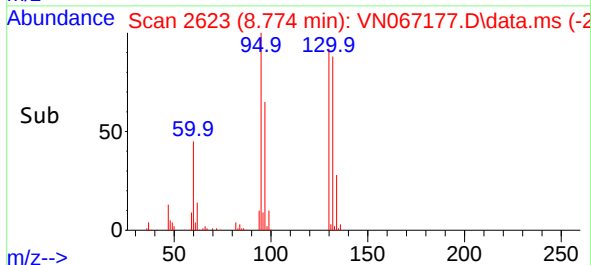
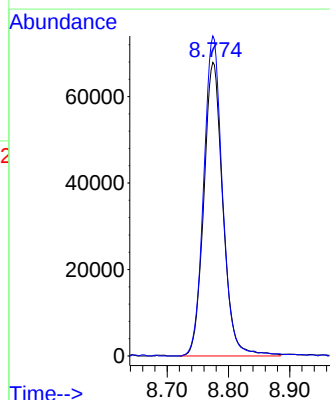
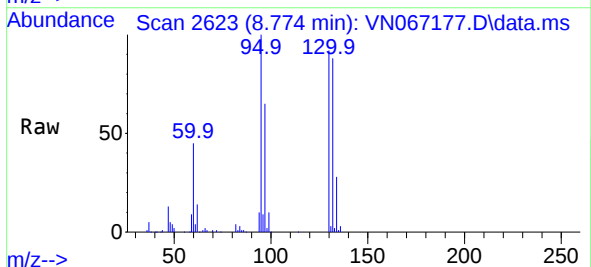
MMDadoda
5/28/2021 2:36:40 PM

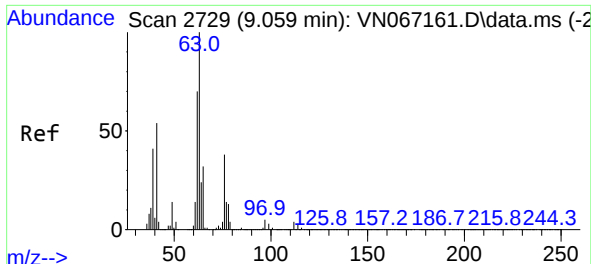


#44

Trichloroethene
Concen: 54.45 ug/l
RT: 8.774 min Scan# 2623
Delta R.T. -0.003 min
Lab File: VN067177.D
Acq: 26 May 2021 19:15

Tgt Ion: 130 Resp: 147286
Ion Ratio Lower Upper
130 100
95 109.0 0.0 182.4





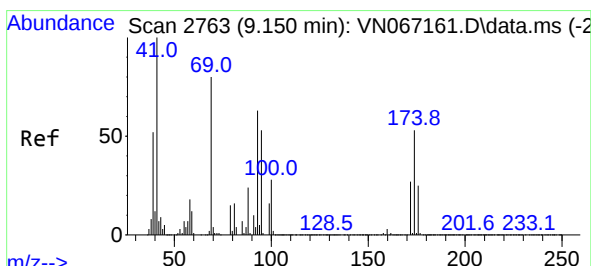
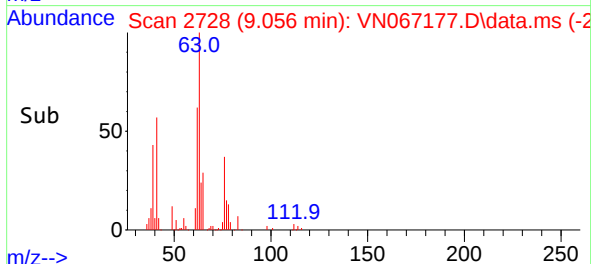
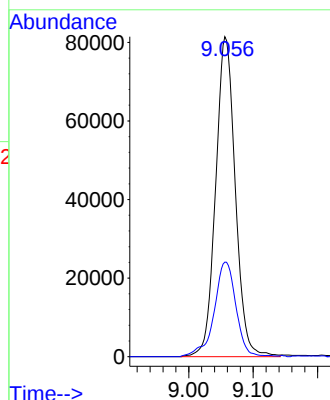
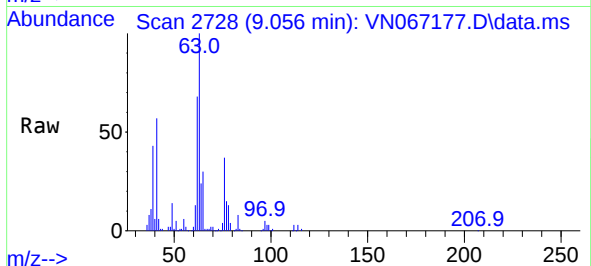
#45
1,2-Dichloropropane
Concen: 52.28 ug/l
RT: 9.056 min Scan# 2728
Delta R.T. -0.003 min
Lab File: VN067177.D
Acq: 26 May 2021 19:15

Tgt Ion: 63 Resp: 172402
Ion Ratio Lower Upper
63 100
65 29.6 23.9 35.9

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

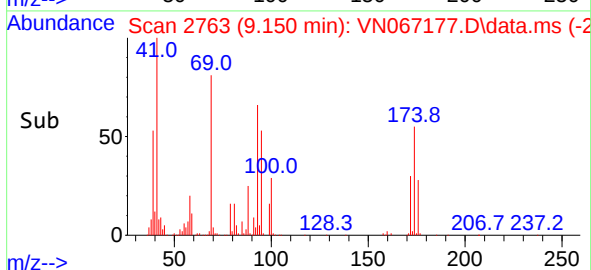
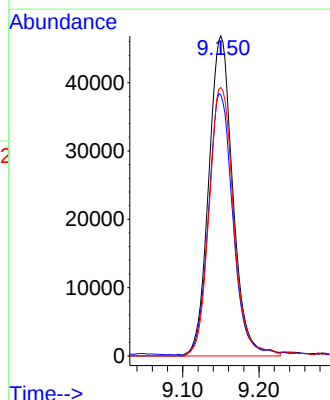
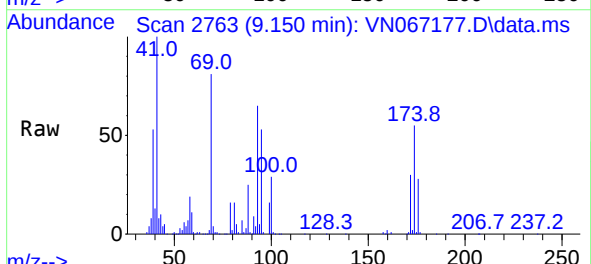
Manual Integrations
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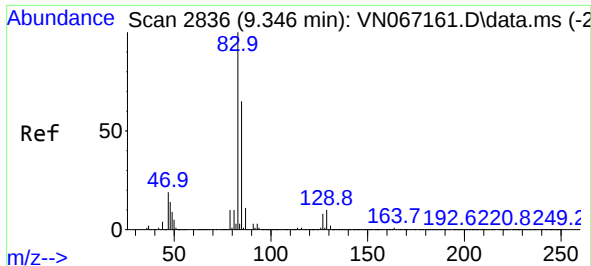
MMDadoda
5/28/2021 2:36:40 PM



#46
Dibromomethane
Concen: 50.88 ug/l
RT: 9.150 min Scan# 2763
Delta R.T. -0.000 min
Lab File: VN067177.D
Acq: 26 May 2021 19:15

Tgt Ion: 93 Resp: 102736
Ion Ratio Lower Upper
93 100
95 83.6 67.8 101.6
174 85.1 93.4 140.0#





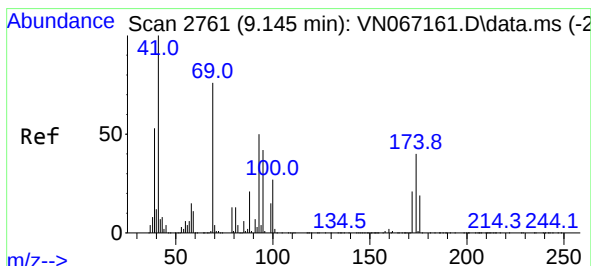
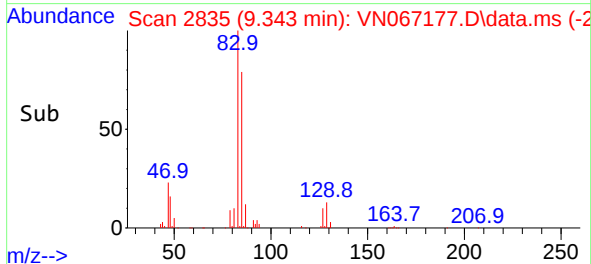
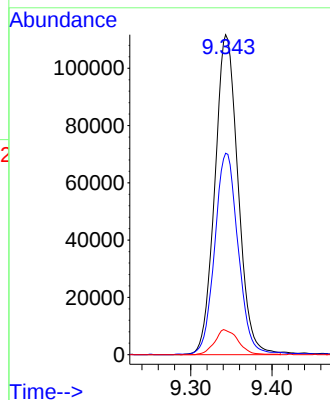
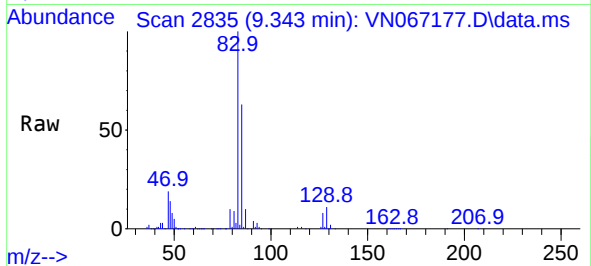
#47
Bromodichloromethane
Concen: 52.74 ug/l
RT: 9.343 min Scan# 2835
Delta R.T. -0.003 min
Lab File: VN067177.D
Acq: 26 May 2021 19:15

Tgt Ion:	83	Resp:	221521
Ion	Ratio	Lower	Upper
83	100		
85	62.8	51.7	77.5
127	7.6	7.4	11.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

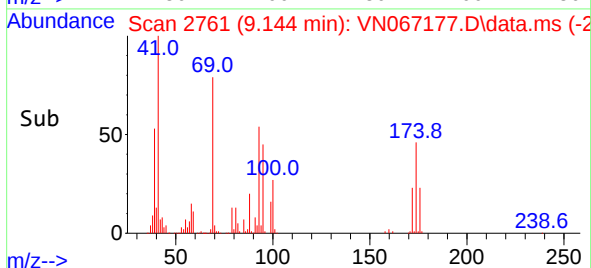
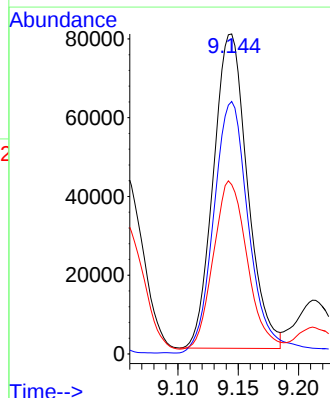
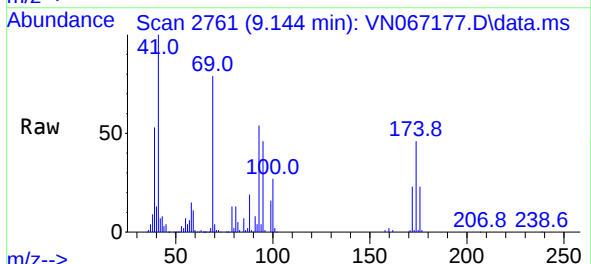
Manual Integrations
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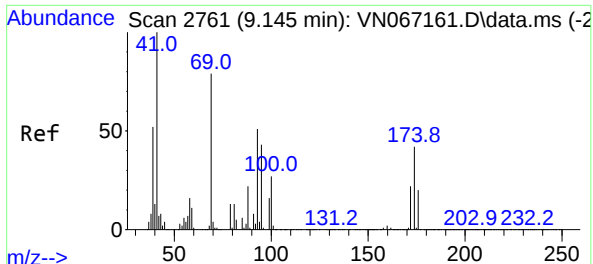
MMDadoda
5/28/2021 2:36:40 PM



#48
Methyl methacrylate
Concen: 46.79 ug/l
RT: 9.144 min Scan# 2761
Delta R.T. -0.001 min
Lab File: VN067177.D
Acq: 26 May 2021 19:15

Tgt Ion:	41	Resp:	157181
Ion	Ratio	Lower	Upper
41	100		
69	83.8	80.5	120.7
39	55.5	41.4	62.0





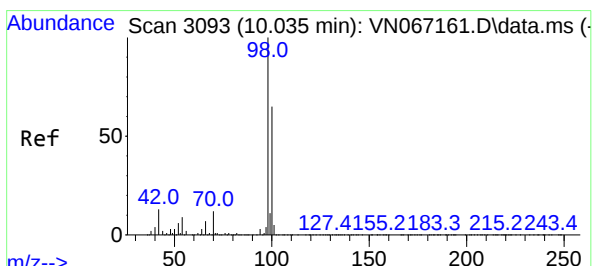
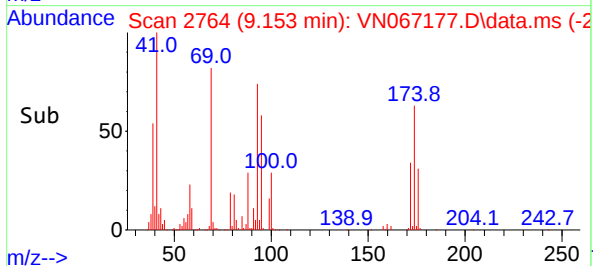
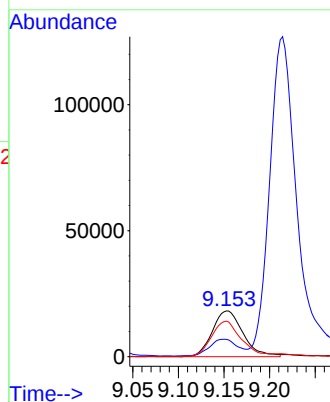
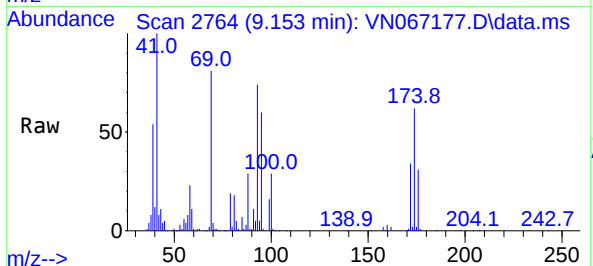
#49
1,4-Dioxane
Concen: 892.58 ug/l
RT: 9.153 min Scan# 2764
Delta R.T. 0.008 min
Lab File: VN067177.D
Acq: 26 May 2021 19:15

Tgt Ion: 88 Resp: 42583
Ion Ratio Lower Upper
88 100
43 33.2 21.8 32.8#
58 75.9 50.8 76.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

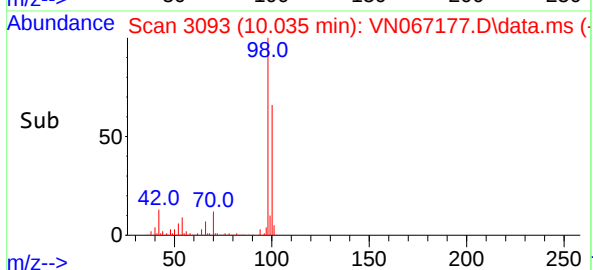
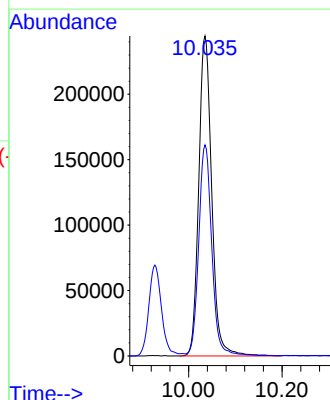
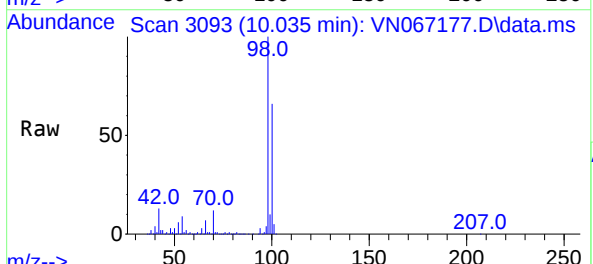
Manual Integrations
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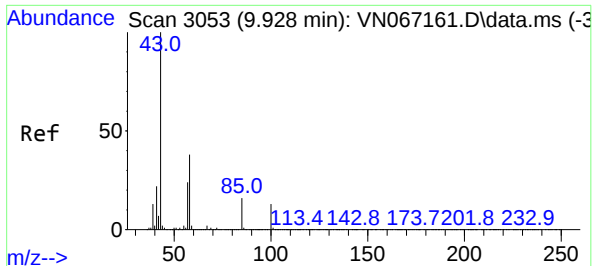
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#50
Toluene-d8
Concen: 51.07 ug/l
RT: 10.035 min Scan# 3093
Delta R.T. -0.000 min
Lab File: VN067177.D
Acq: 26 May 2021 19:15

Tgt Ion: 98 Resp: 471510
Ion Ratio Lower Upper
98 100
100 66.1 51.8 77.8





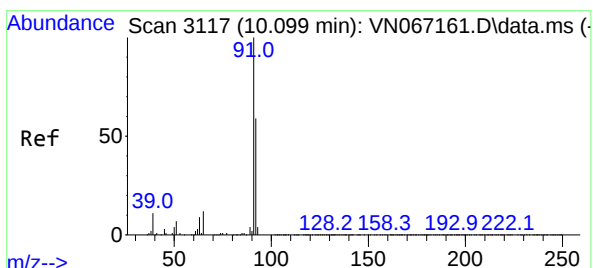
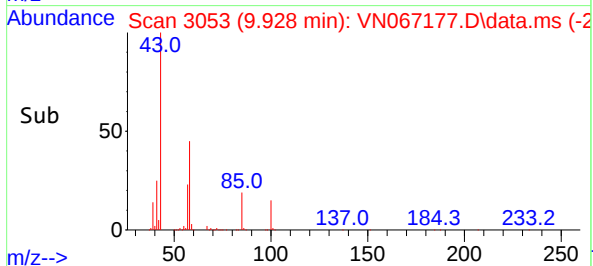
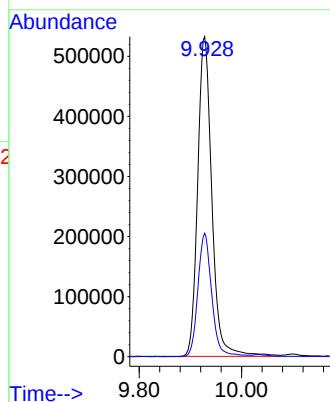
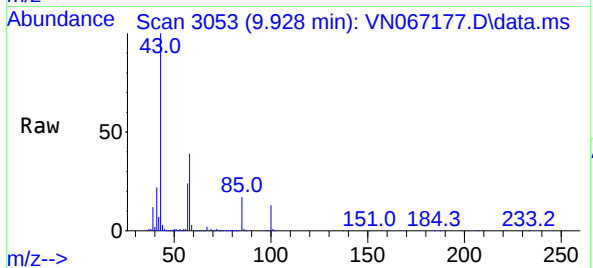
#51
4-Methyl-2-Pentanone
Concen: 244.78 ug/l
RT: 9.928 min Scan# 3053
Delta R.T. -0.000 min
Lab File: VN067177.D
Acq: 26 May 2021 19:15

Tgt Ion: 43 Resp: 1025013
Ion Ratio Lower Upper
43 100
58 37.7 34.5 51.7

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

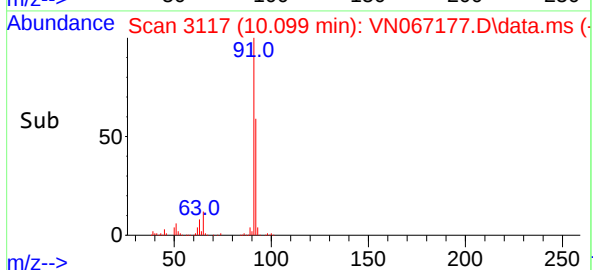
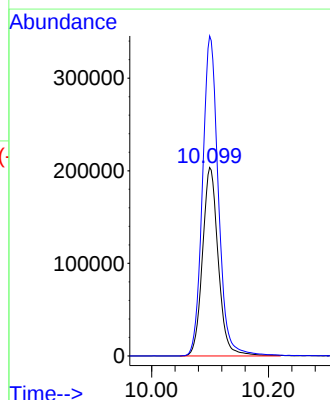
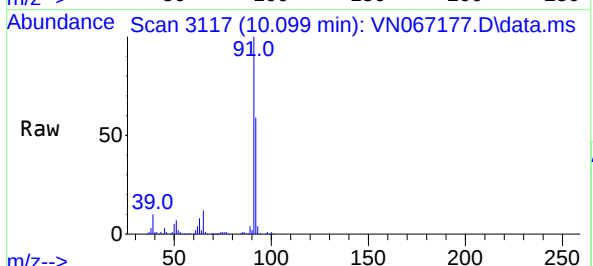
Manual Integrations
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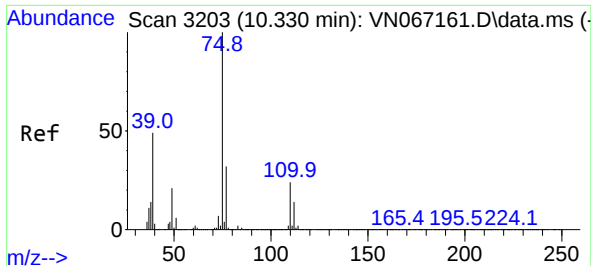
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#52
Toluene
Concen: 52.44 ug/l
RT: 10.099 min Scan# 3117
Delta R.T. 0.000 min
Lab File: VN067177.D
Acq: 26 May 2021 19:15

Tgt Ion: 92 Resp: 381854
Ion Ratio Lower Upper
92 100
91 170.9 138.7 208.1





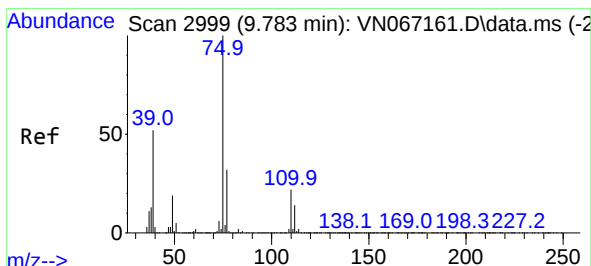
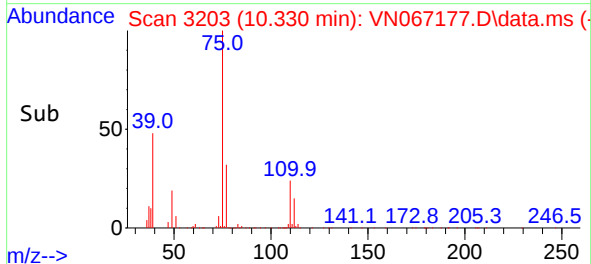
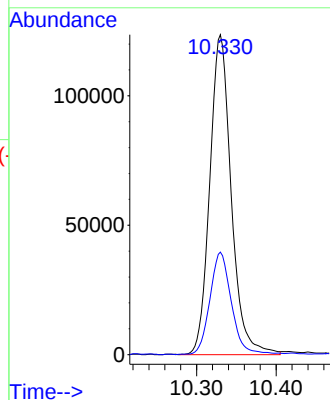
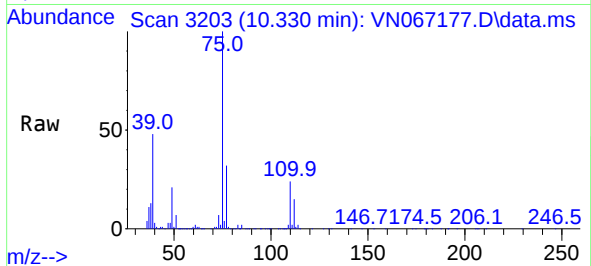
#53
t-1,3-Dichloropropene
Concen: 51.86 ug/l
RT: 10.330 min Scan# 3203
Delta R.T. -0.000 min
Lab File: VN067177.D
Acq: 26 May 2021 19:15

Tgt Ion: 75 Resp: 231893
Ion Ratio Lower Upper
75 100
77 31.9 25.5 38.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

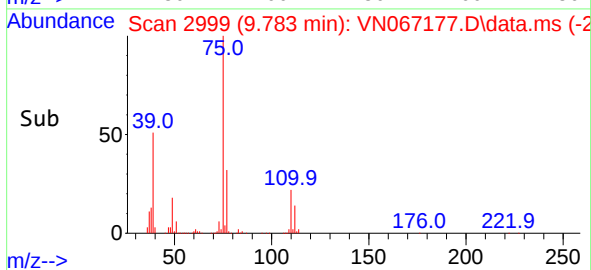
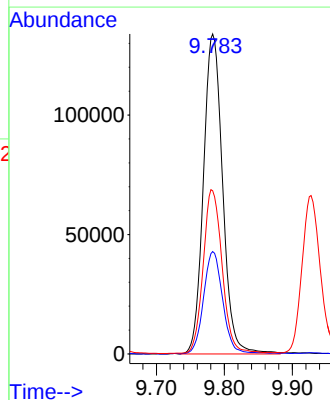
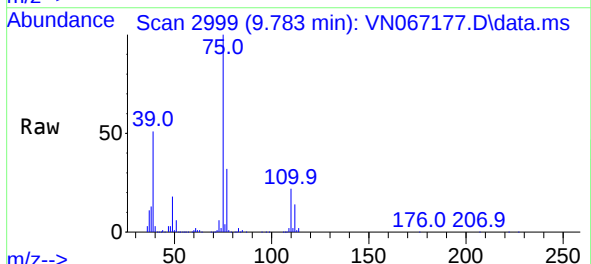
Manual Integrations
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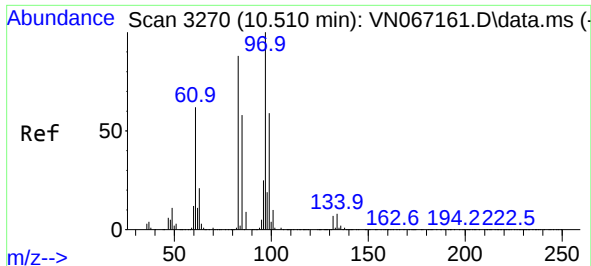
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#54
cis-1,3-Dichloropropene
Concen: 52.56 ug/l
RT: 9.783 min Scan# 2999
Delta R.T. -0.000 min
Lab File: VN067177.D
Acq: 26 May 2021 19:15

Tgt Ion: 75 Resp: 263522
Ion Ratio Lower Upper
75 100
77 32.0 25.1 37.7
39 50.8 30.9 46.3





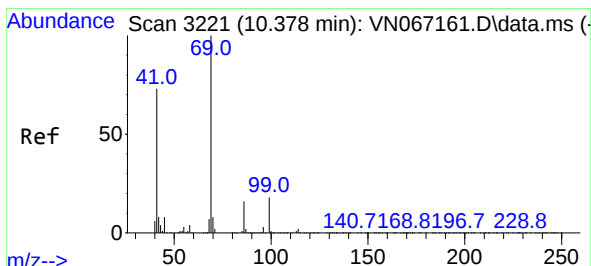
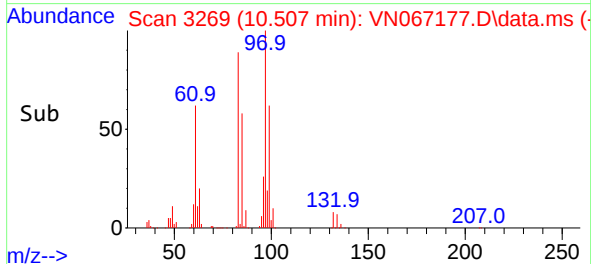
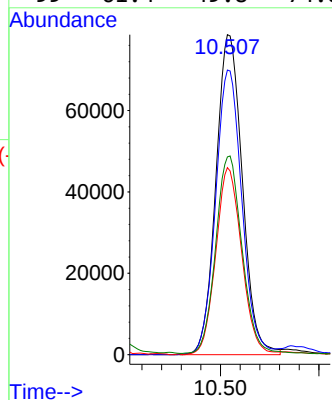
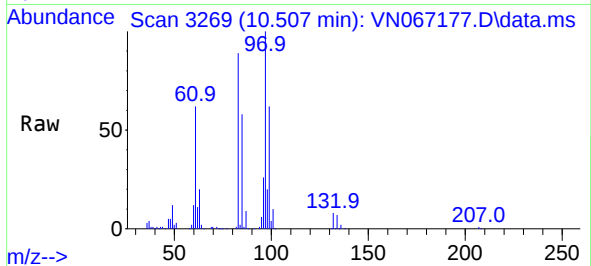
#55
1,1,2-Trichloroethane
Concen: 52.17 ug/l
RT: 10.507 min Scan# 3269
Delta R.T. -0.003 min
Lab File: VN067177.D
Acq: 26 May 2021 19:15

Tgt Ion:	97	Resp:	146745
Ion	Ratio	Lower	Upper
97	100		
83	88.8	67.3	100.9
85	58.3	44.2	66.4
99	61.4	49.8	74.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

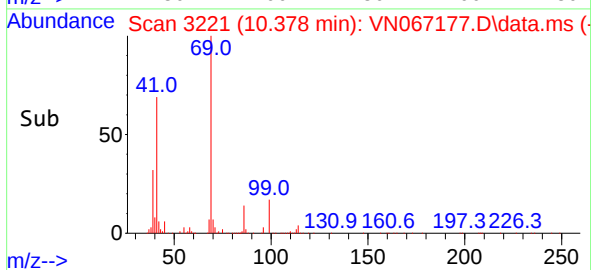
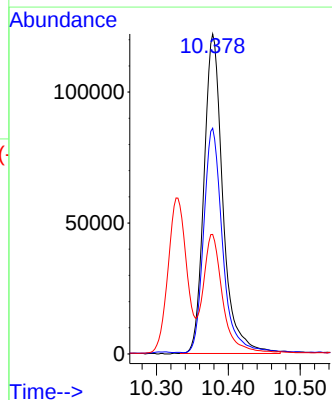
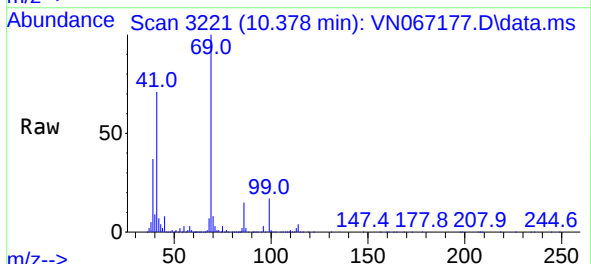
Manual Integrations
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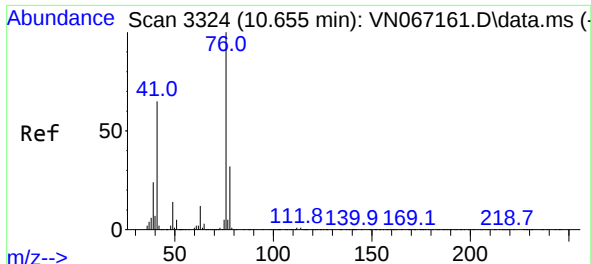
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#56
Ethyl methacrylate
Concen: 45.35 ug/l
RT: 10.378 min Scan# 3221
Delta R.T. 0.000 min
Lab File: VN067177.D
Acq: 26 May 2021 19:15

Tgt Ion:	69	Resp:	224103
Ion	Ratio	Lower	Upper
69	100		
41	70.1	45.5	68.3#
39	36.4	22.9	34.3#





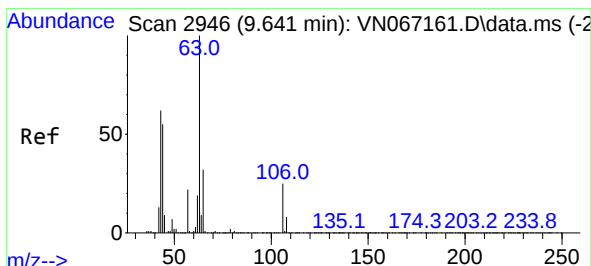
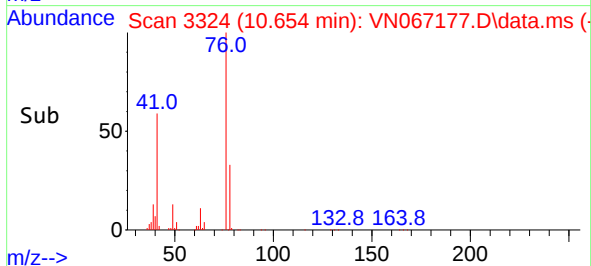
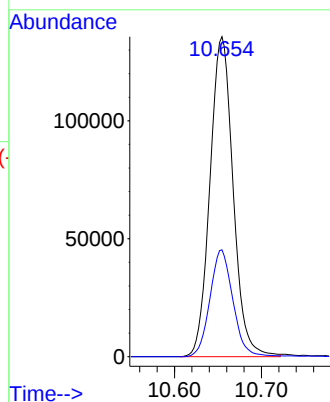
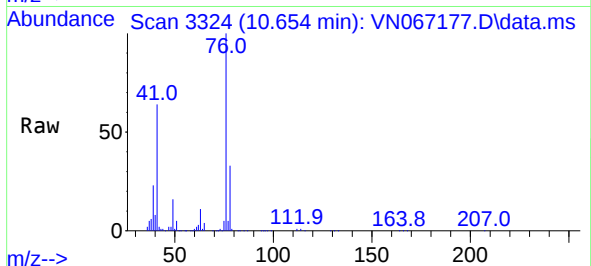
#57
1,3-Dichloropropane
Concen: 51.40 ug/l
RT: 10.654 min Scan# 3324
Delta R.T. -0.001 min
Lab File: VN067177.D
Acq: 26 May 2021 19:15

Tgt Ion: 76 Resp: 251128
Ion Ratio Lower Upper
76 100
78 33.1 26.3 39.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

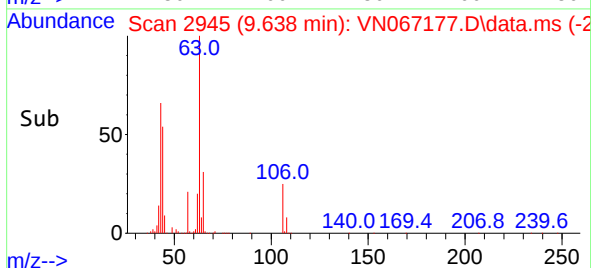
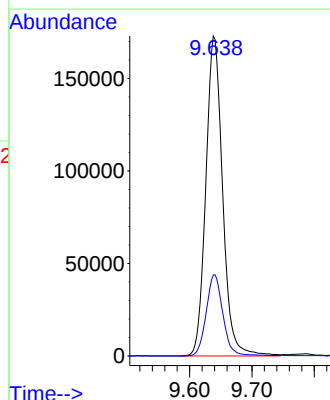
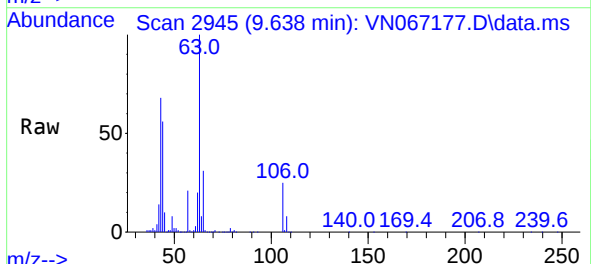
Manual Integrations
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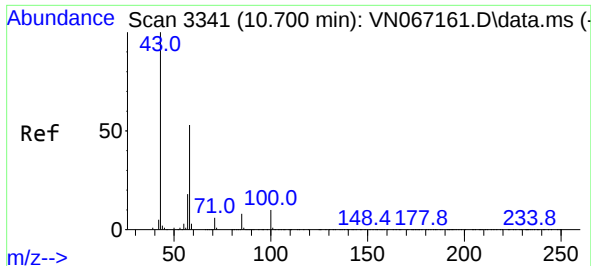
MMDadoda
5/28/2021 2:36:40 PM



#58
2-Chloroethyl Vinyl ether
Concen: 398.81 ug/l
RT: 9.638 min Scan# 2945
Delta R.T. -0.003 min
Lab File: VN067177.D
Acq: 26 May 2021 19:15

Tgt Ion: 63 Resp: 324168
Ion Ratio Lower Upper
63 100
106 25.3 23.9 35.9





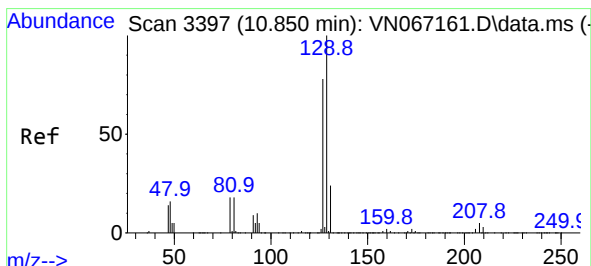
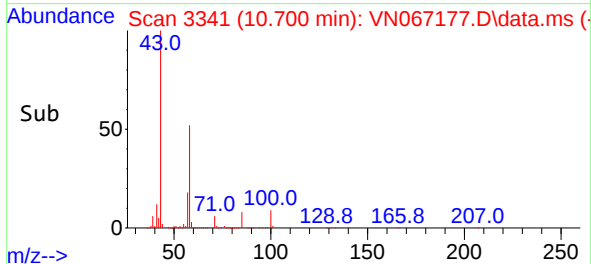
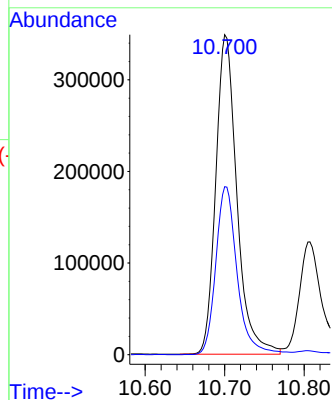
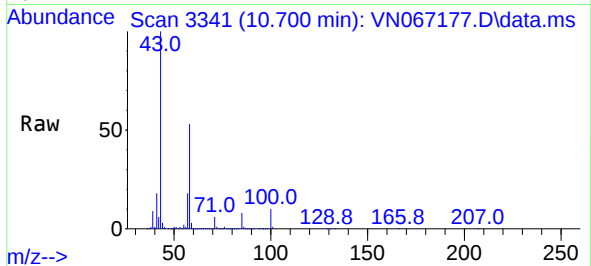
#59
2-Hexanone
Concen: 206.60 ug/l
RT: 10.700 min Scan# 3341
Delta R.T. 0.000 min
Lab File: VN067177.D
Acq: 26 May 2021 19:15

Tgt Ion: 43 Resp: 644617
Ion Ratio Lower Upper
43 100
58 53.4 29.8 89.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

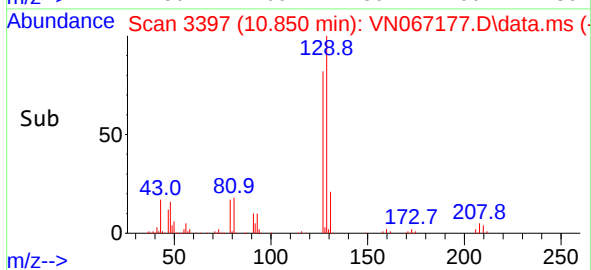
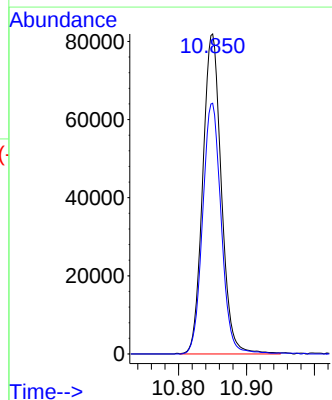
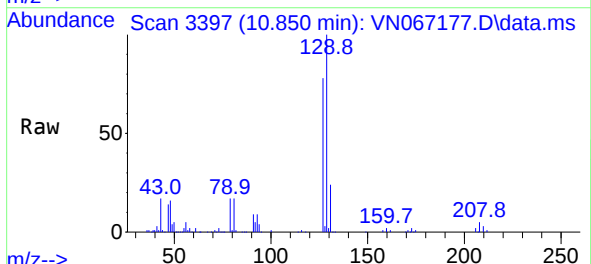
Manual Integrations
APPROVED

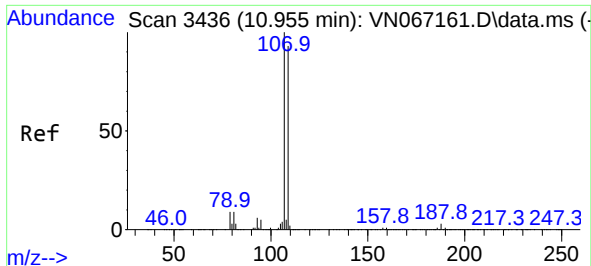
MMDadoda
5/28/2021 2:36:40 PM



#60
Dibromochloromethane
Concen: 53.43 ug/l
RT: 10.850 min Scan# 3397
Delta R.T. 0.000 min
Lab File: VN067177.D
Acq: 26 May 2021 19:15

Tgt Ion: 129 Resp: 155674
Ion Ratio Lower Upper
129 100
127 78.1 38.9 116.6





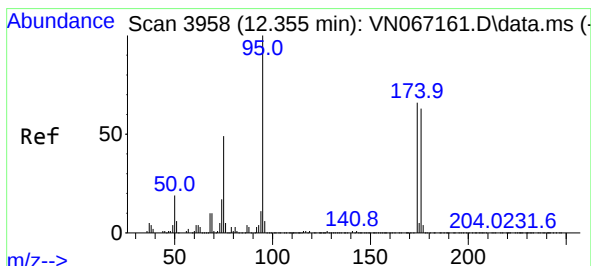
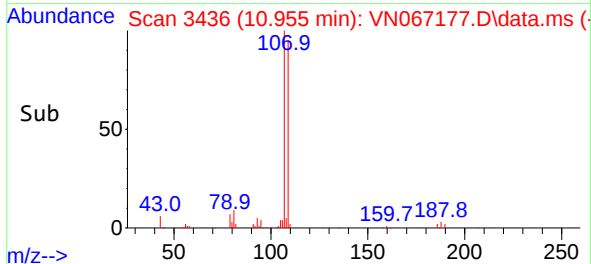
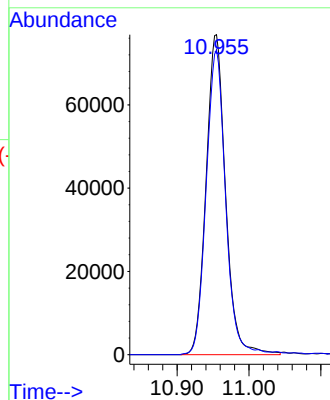
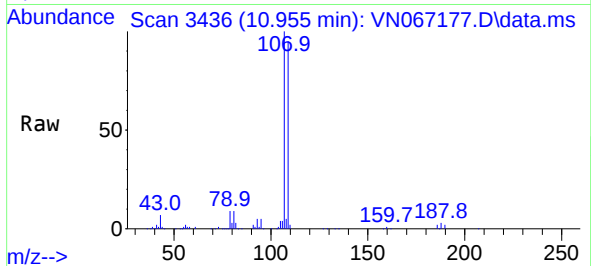
#61
1,2-Dibromoethane
Concen: 52.15 ug/l
RT: 10.955 min Scan# 3436
Delta R.T. -0.000 min
Lab File: VN067177.D
Acq: 26 May 2021 19:15

Tgt Ion:107 Resp: 144842
Ion Ratio Lower Upper
107 100
109 94.0 75.8 113.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

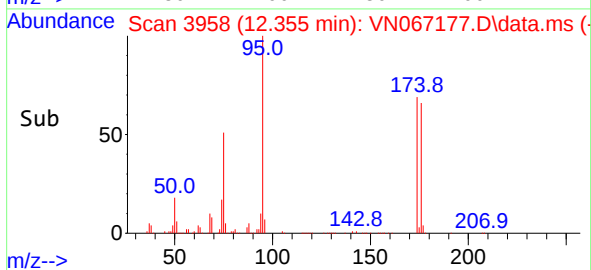
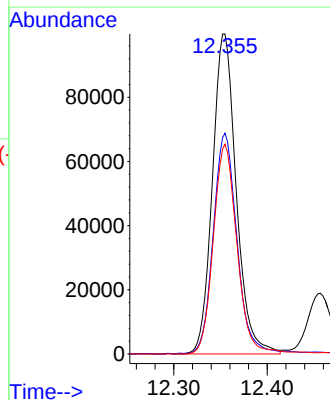
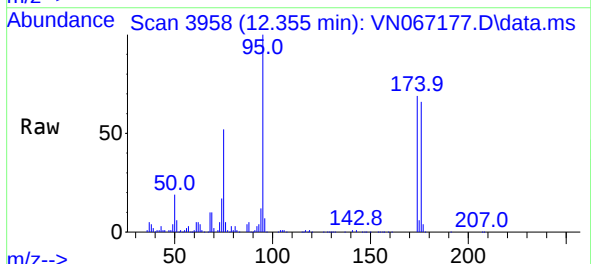
Manual Integrations
APPROVED

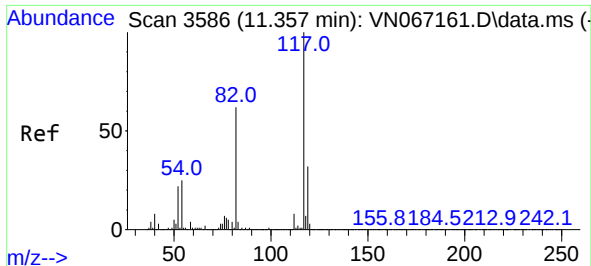
MMDadoda
5/28/2021 2:36:40 PM



#62
4-Bromofluorobenzene
Concen: 55.98 ug/l
RT: 12.355 min Scan# 3958
Delta R.T. -0.000 min
Lab File: VN067177.D
Acq: 26 May 2021 19:15

Tgt Ion: 95 Resp: 176719
Ion Ratio Lower Upper
95 100
174 67.8 0.0 182.8
176 64.9 0.0 176.6





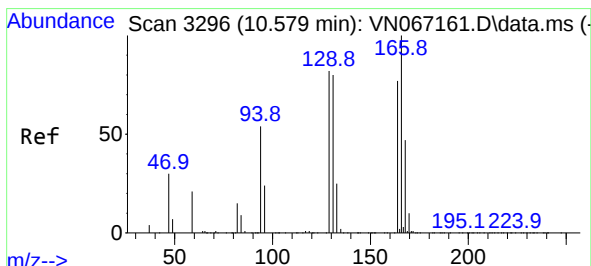
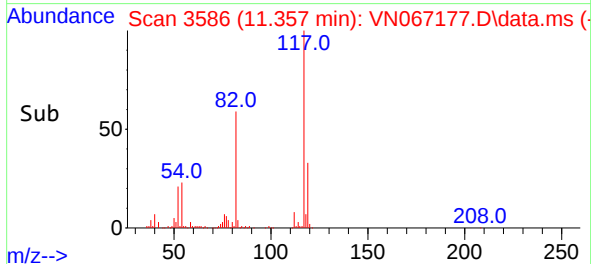
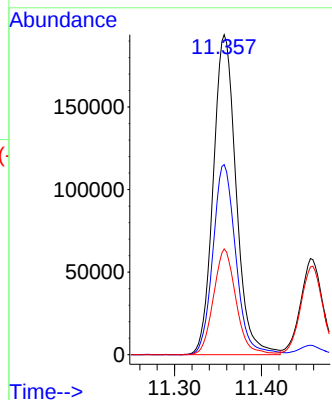
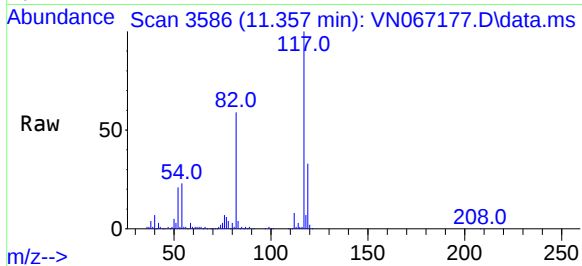
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.357 min Scan# 3586
Delta R.T. 0.000 min
Lab File: VN067177.D
Acq: 26 May 2021 19:15

Tgt Ion:	117	Resp:	355019
Ion	Ratio	Lower	Upper
117	100		
82	59.4	42.2	63.2
119	33.0	25.8	38.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

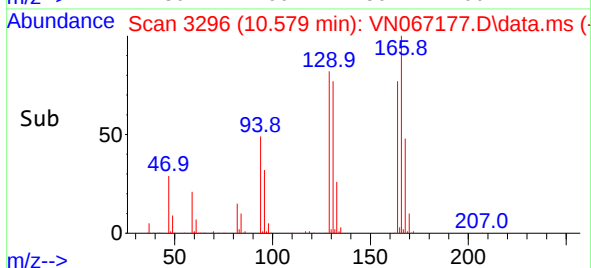
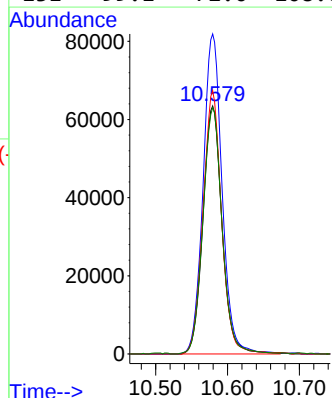
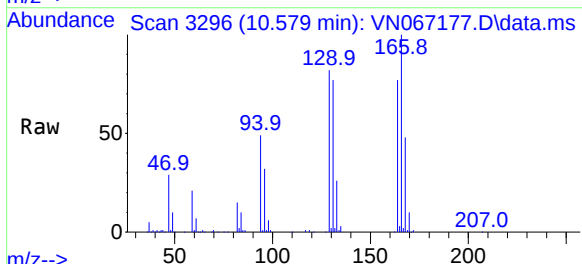
Manual Integrations
APPROVED

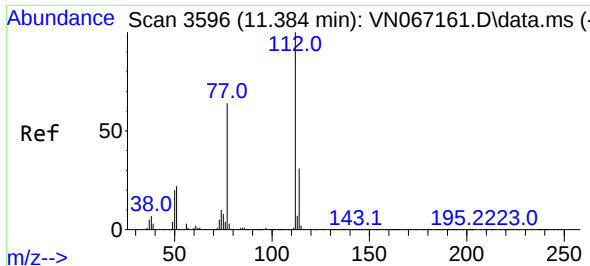
MMDadoda
5/28/2021 2:36:40 PM



#64
Tetrachloroethene
Concen: 48.45 ug/l
RT: 10.579 min Scan# 3296
Delta R.T. 0.000 min
Lab File: VN067177.D
Acq: 26 May 2021 19:15

Tgt Ion:	164	Resp:	117465
Ion	Ratio	Lower	Upper
164	100		
166	129.0	103.0	154.6
129	106.2	73.3	109.9
131	99.1	72.0	108.0





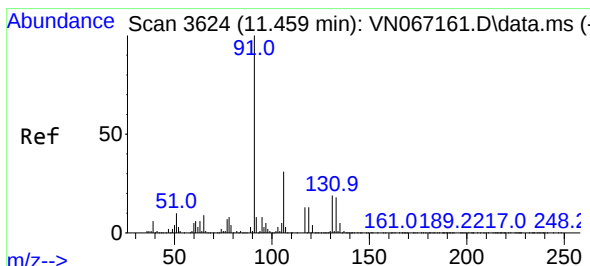
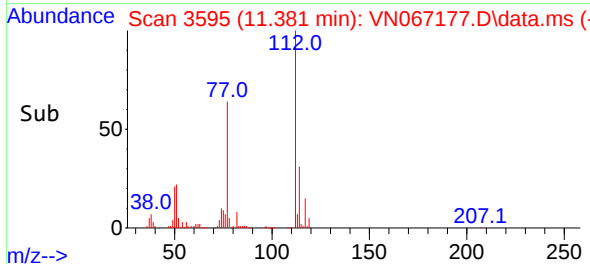
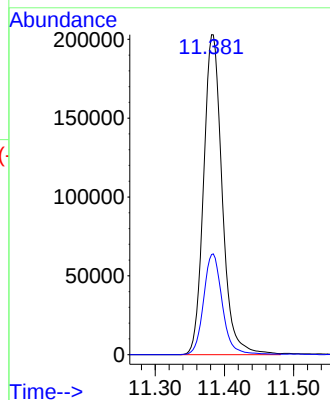
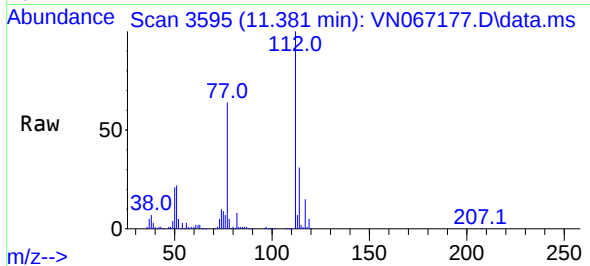
#65
Chlorobenzene
Concen: 52.16 ug/l
RT: 11.381 min Scan# 3595
Delta R.T. -0.003 min
Lab File: VN067177.D
Acq: 26 May 2021 19:15

Tgt Ion:112 Resp: 378157
Ion Ratio Lower Upper
112 100
114 31.3 25.6 38.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

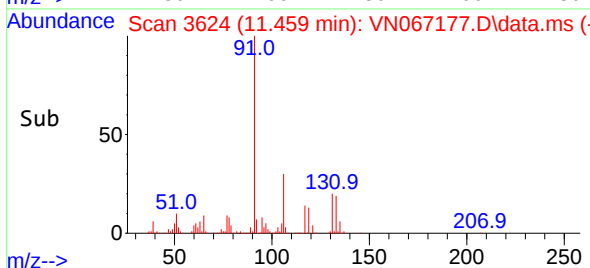
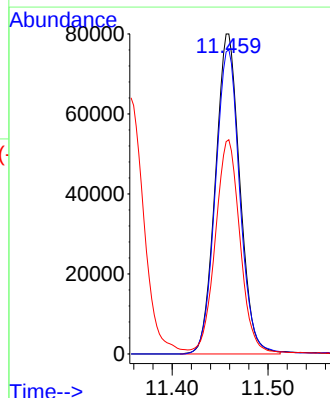
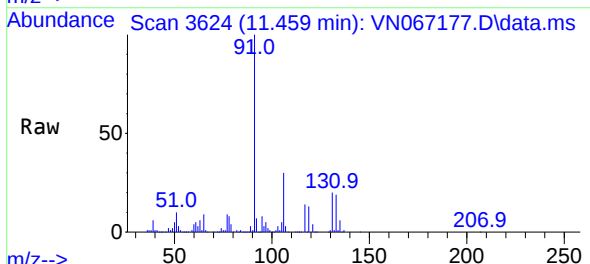
Manual Integrations
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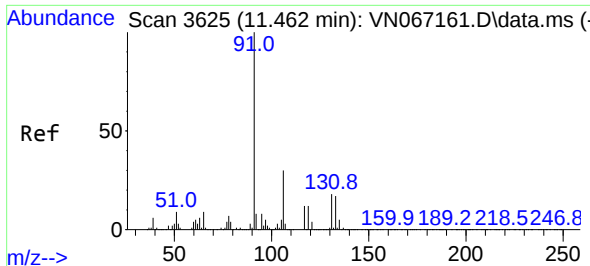
MMDadoda
5/28/2021 2:36:40 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 51.37 ug/l
RT: 11.459 min Scan# 3624
Delta R.T. 0.000 min
Lab File: VN067177.D
Acq: 26 May 2021 19:15

Tgt Ion:131 Resp: 141681
Ion Ratio Lower Upper
131 100
133 95.5 47.8 143.3
119 67.1 33.8 101.3





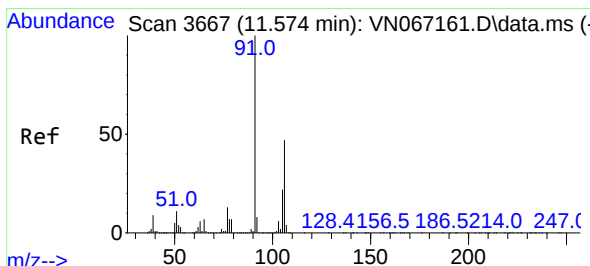
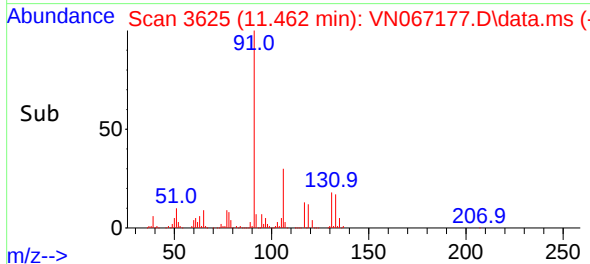
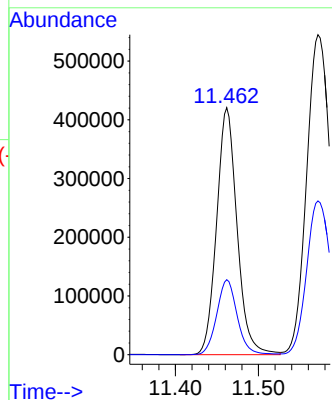
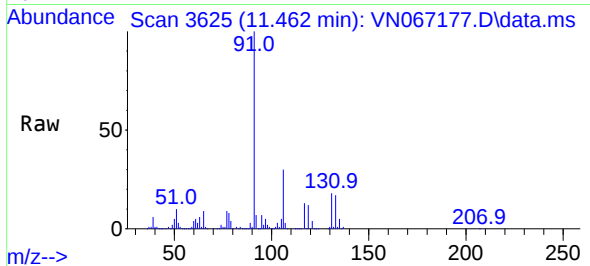
#67
Ethyl Benzene
Concen: 53.00 ug/l
RT: 11.462 min Scan# 3625
Delta R.T. -0.000 min
Lab File: VN067177.D
Acq: 26 May 2021 19:15

Tgt Ion: 91 Resp: 720327
Ion Ratio Lower Upper
91 100
106 30.4 26.2 39.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

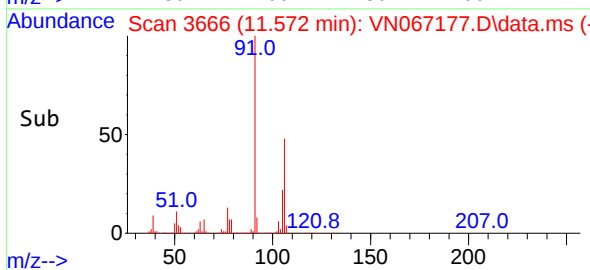
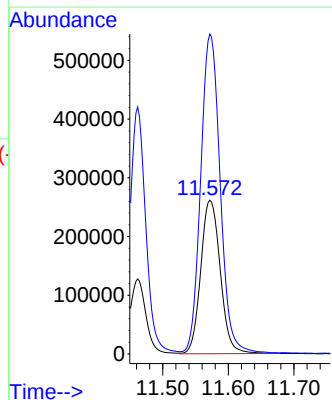
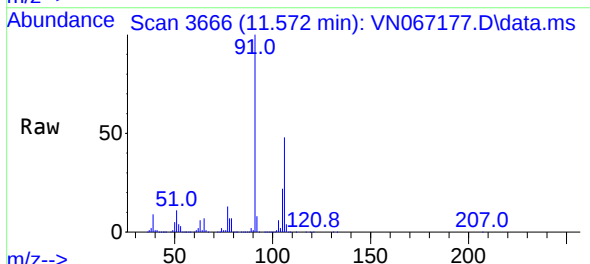
Manual Integrations
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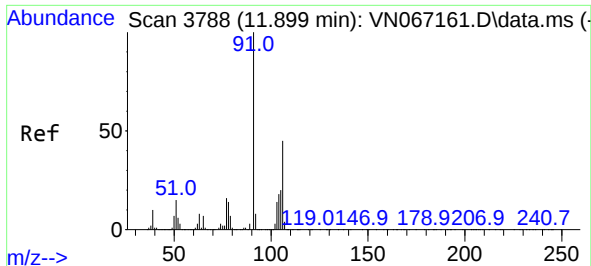
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#68
m/p-Xylenes
Concen: 112.14 ug/l
RT: 11.572 min Scan# 3666
Delta R.T. -0.002 min
Lab File: VN067177.D
Acq: 26 May 2021 19:15

Tgt Ion: 106 Resp: 539510
Ion Ratio Lower Upper
106 100
91 207.3 155.2 232.8





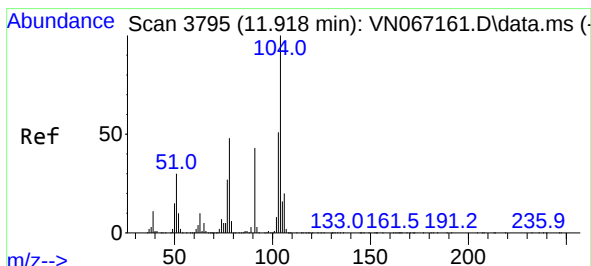
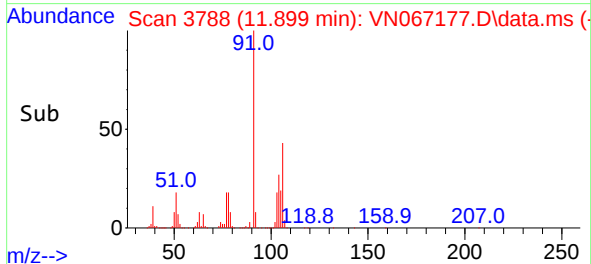
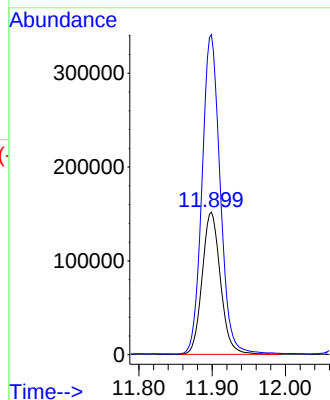
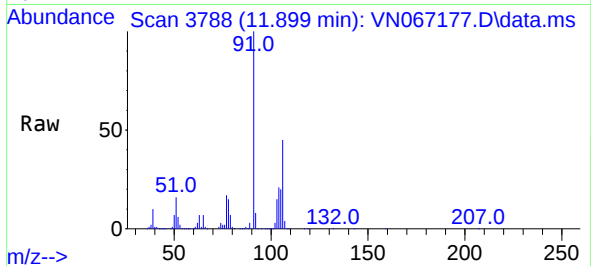
#69
o-Xylene
Concen: 53.08 ug/l
RT: 11.899 min Scan# 3788
Delta R.T. -0.000 min
Lab File: VN067177.D
Acq: 26 May 2021 19:15

Tgt Ion:106 Resp: 262923
Ion Ratio Lower Upper
106 100
91 222.7 102.3 306.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

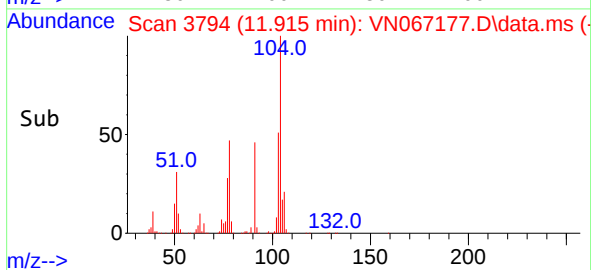
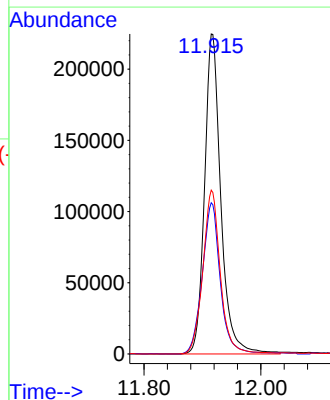
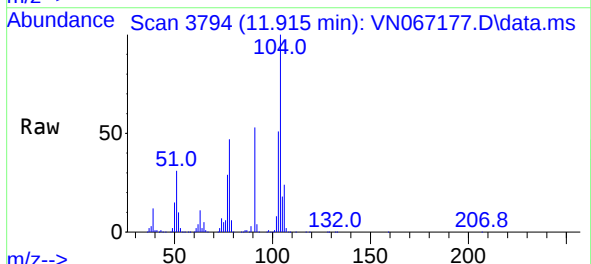
Manual Integrations
APPROVED

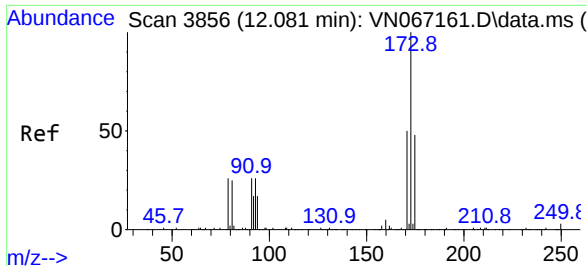
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#70
Styrene
Concen: 50.62 ug/l
RT: 11.915 min Scan# 3794
Delta R.T. -0.003 min
Lab File: VN067177.D
Acq: 26 May 2021 19:15

Tgt Ion:104 Resp: 435403
Ion Ratio Lower Upper
104 100
78 52.0 37.7 56.5
103 55.0 44.2 66.4





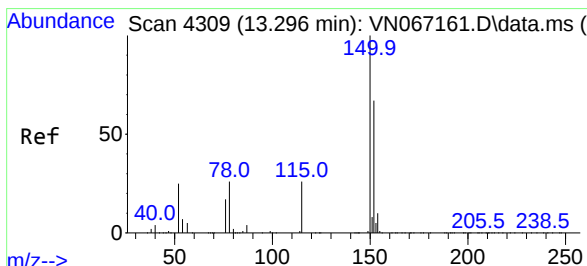
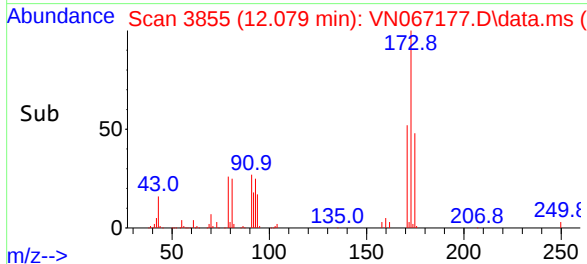
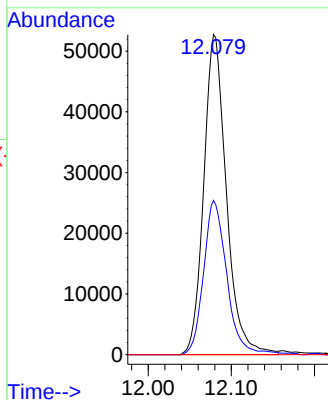
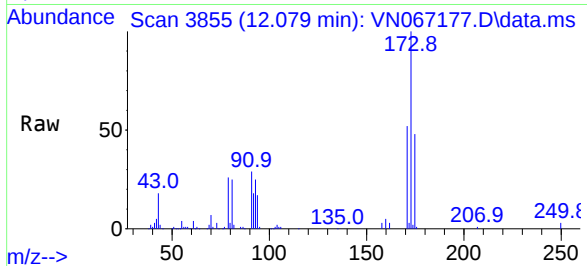
#71
Bromoform
Concen: 54.26 ug/l
RT: 12.079 min Scan# 3855
Delta R.T. -0.002 min
Lab File: VN067177.D
Acq: 26 May 2021 19:15

Tgt Ion:173 Resp: 99600
Ion Ratio Lower Upper
173 100
175 49.7 24.3 73.0
254 0.0 0.0 0.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

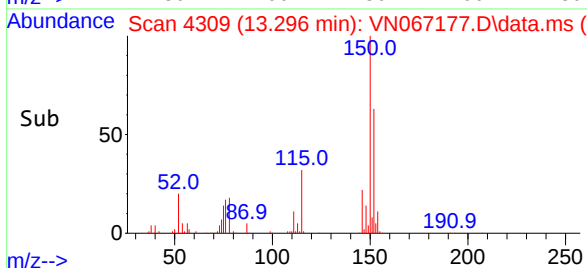
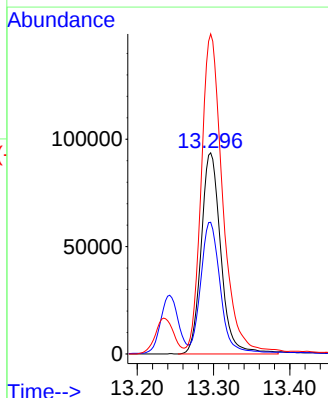
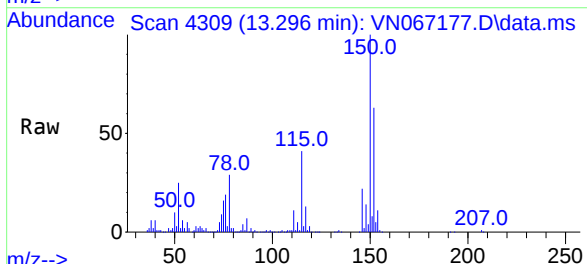
Manual Integrations
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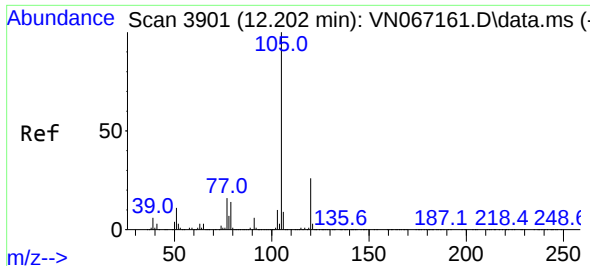
MMDadoda
5/28/2021 2:36:40 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.296 min Scan# 4309
Delta R.T. 0.000 min
Lab File: VN067177.D
Acq: 26 May 2021 19:15

Tgt Ion:152 Resp: 167796
Ion Ratio Lower Upper
152 100
115 63.2 27.0 80.8
150 170.8 0.0 350.2





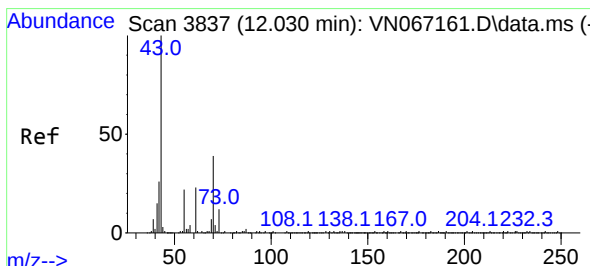
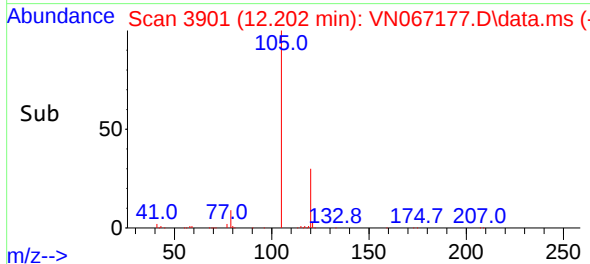
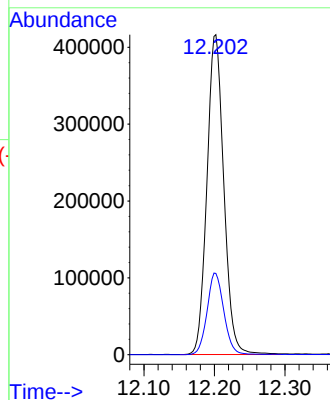
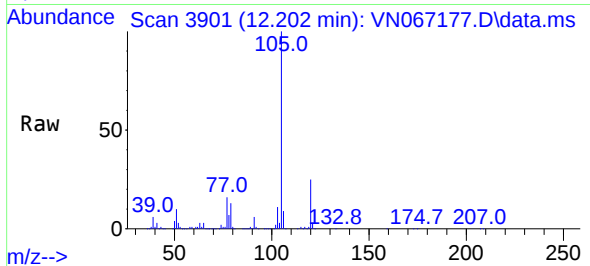
#73
Isopropylbenzene
Concen: 42.12 ug/l
RT: 12.202 min Scan# 3901
Delta R.T. -0.000 min
Lab File: VN067177.D
Acq: 26 May 2021 19:15

Tgt Ion:105 Resp: 691493
Ion Ratio Lower Upper
105 100
120 25.4 13.7 41.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

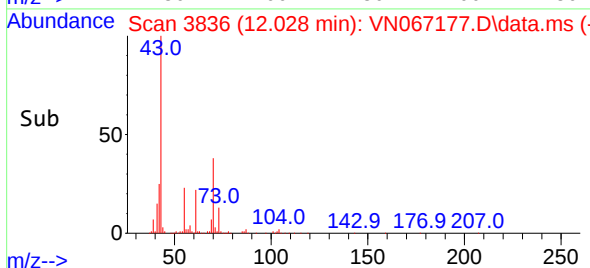
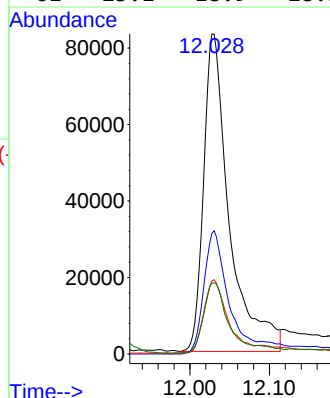
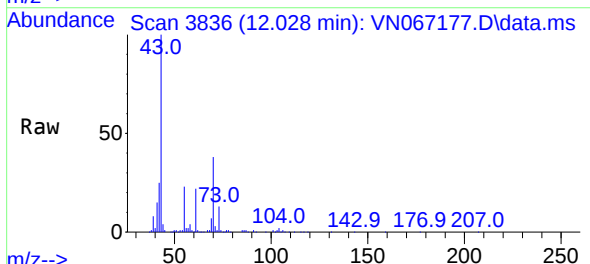
Manual Integrations
APPROVED

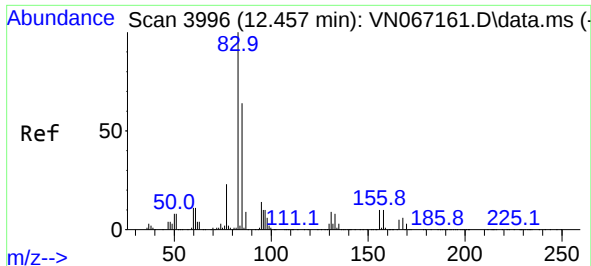
MMDadoda
5/28/2021 2:36:40 PM



#74
N-ethyl acetate
Concen: 60.17 ug/l
RT: 12.028 min Scan# 3836
Delta R.T. -0.002 min
Lab File: VN067177.D
Acq: 26 May 2021 19:15

Tgt Ion: 43 Resp: 186506
Ion Ratio Lower Upper
43 100
70 36.1 36.7 55.1#
55 21.1 17.6 26.4
61 23.1 18.9 28.3





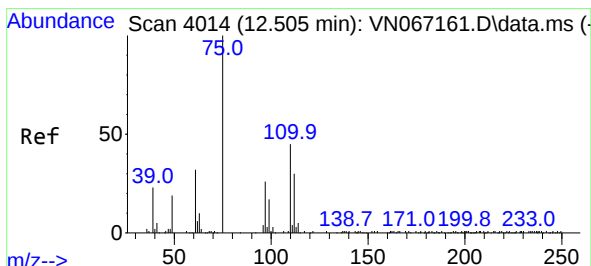
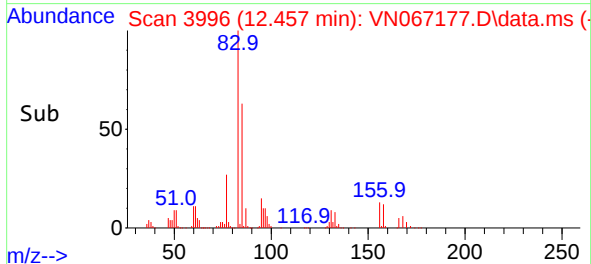
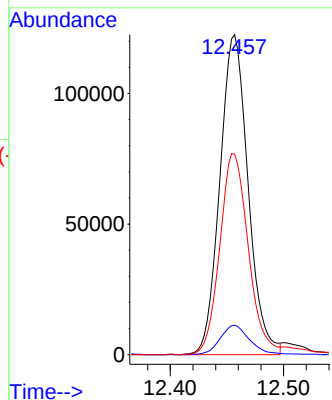
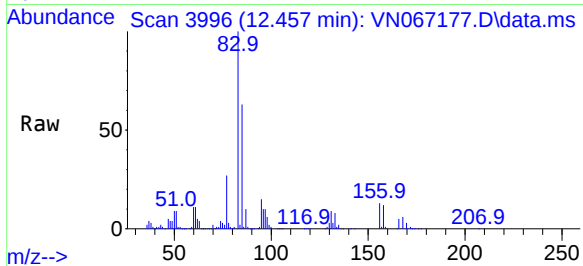
#75
1,1,2,2-Tetrachloroethane
Concen: 38.80 ug/l
RT: 12.457 min Scan# 3996
Delta R.T. -0.000 min
Lab File: VN067177.D
Acq: 26 May 2021 19:15

Tgt Ion: 83 Resp: 212107
Ion Ratio Lower Upper
83 100
131 9.7 5.3 16.1
85 63.5 32.6 97.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

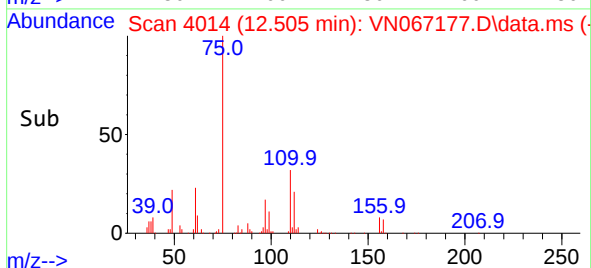
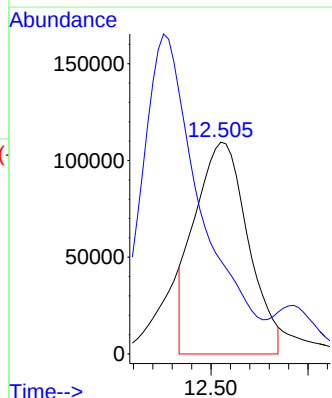
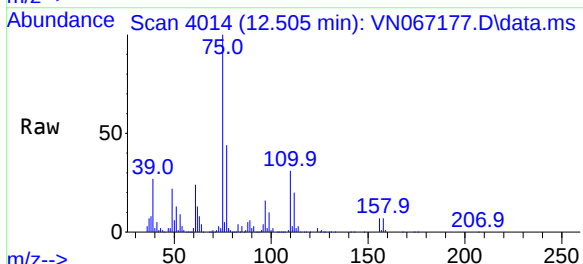
Manual Integrations
APPROVED

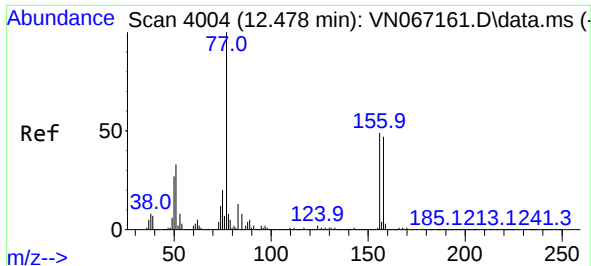
MMDadoda
5/28/2021 2:36:40 PM



#76
1,2,3-Trichloropropane
Concen: 44.37 ug/l m
RT: 12.505 min Scan# 4014
Delta R.T. 0.000 min
Lab File: VN067177.D
Acq: 26 May 2021 19:15

Tgt Ion: 75 Resp: 207237
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





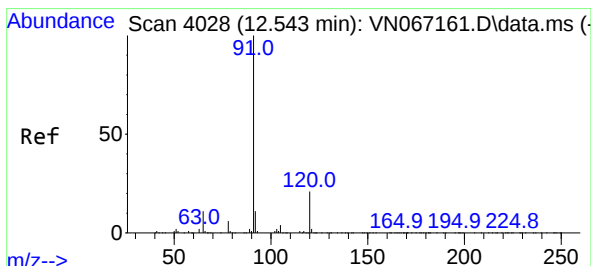
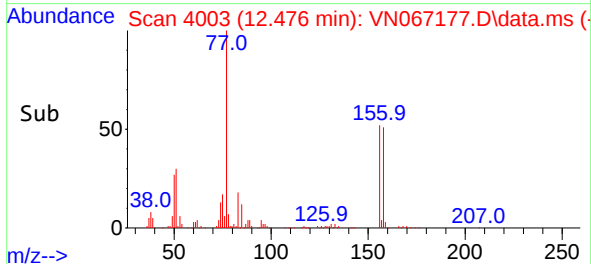
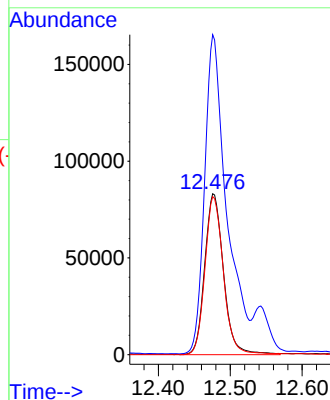
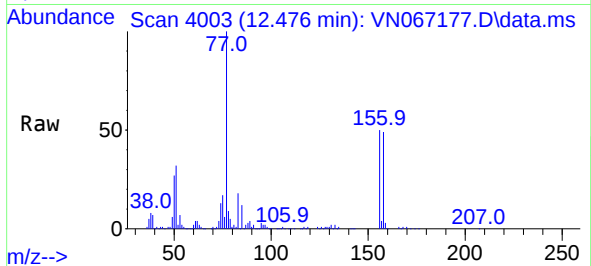
#77
Bromobenzene
Concen: 45.61 ug/l
RT: 12.476 min Scan# 4003
Delta R.T. -0.002 min
Lab File: VN067177.D
Acq: 26 May 2021 19:15

Tgt Ion: 156 Resp: 152045
Ion Ratio Lower Upper
156 100
77 228.5 87.9 263.8
158 96.2 49.0 147.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

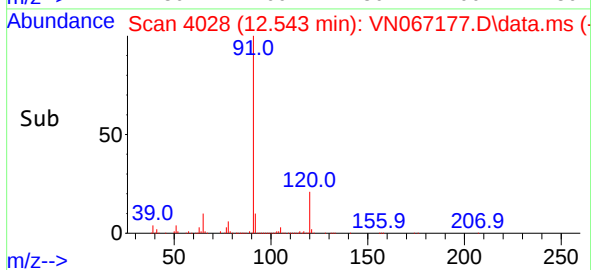
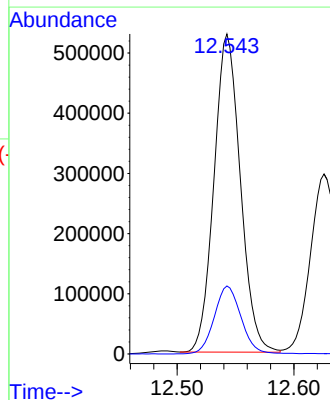
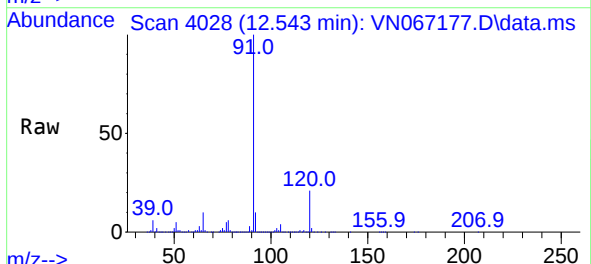
Manual Integrations
APPROVED

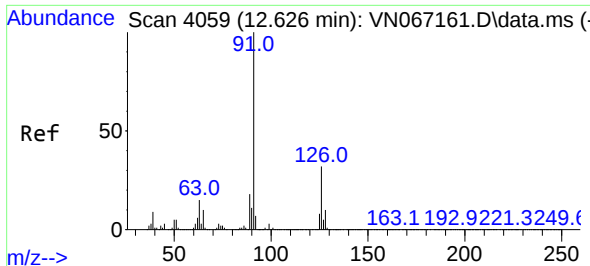
MMDadoda
5/28/2021 2:36:40 PM



#78
n-propylbenzene
Concen: 47.00 ug/l
RT: 12.543 min Scan# 4028
Delta R.T. -0.000 min
Lab File: VN067177.D
Acq: 26 May 2021 19:15

Tgt Ion: 91 Resp: 828529
Ion Ratio Lower Upper
91 100
120 21.8 12.7 38.0





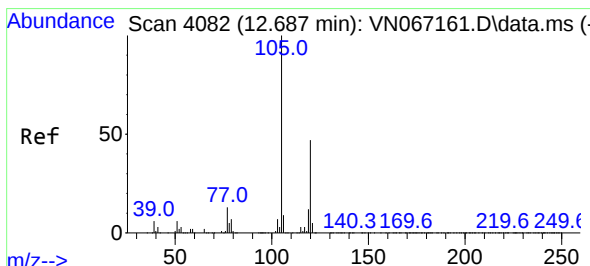
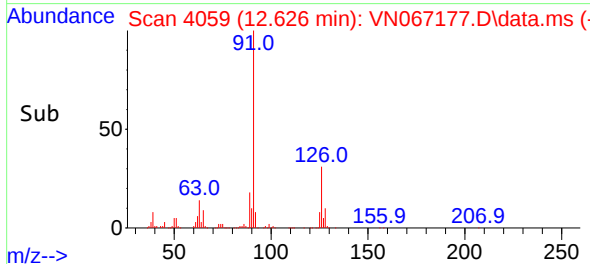
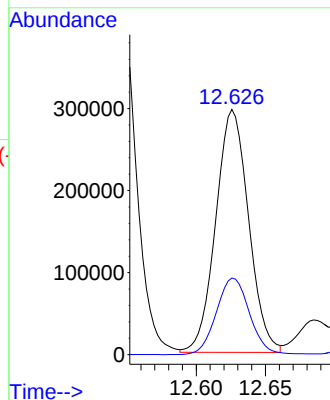
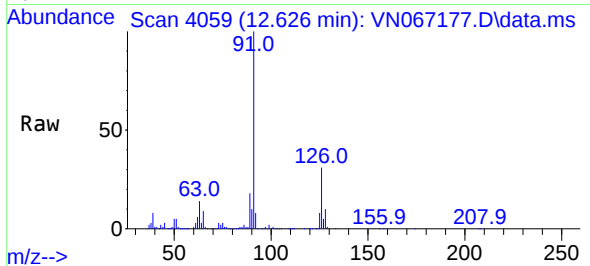
#79
2-Chlorotoluene
Concen: 42.83 ug/l
RT: 12.626 min Scan# 4059
Delta R.T. -0.000 min
Lab File: VN067177.D
Acq: 26 May 2021 19:15

Tgt Ion: 91 Resp: 488700
Ion Ratio Lower Upper
91 100
126 32.2 18.3 54.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

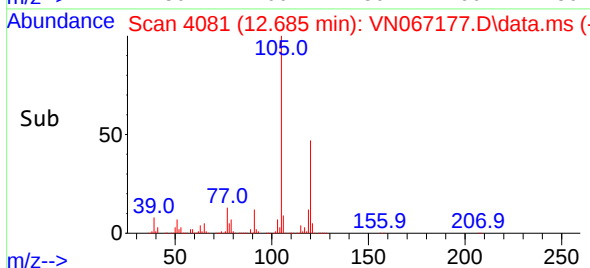
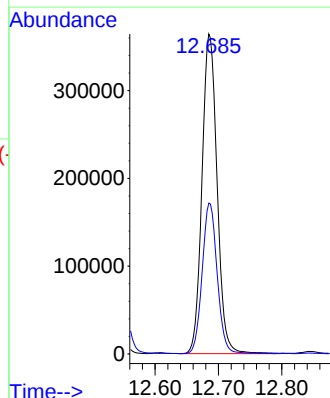
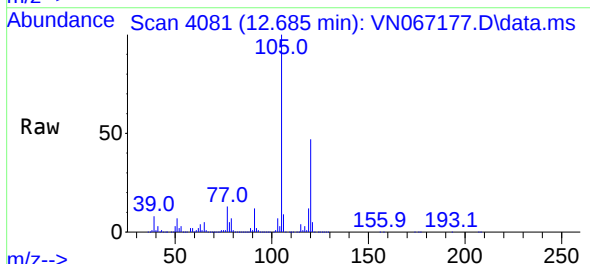
Manual Integrations
APPROVED

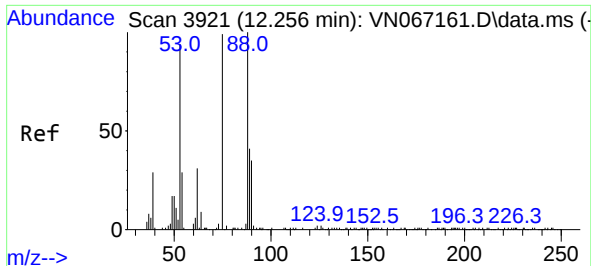
MMDadoda
5/28/2021 2:36:40 PM



#80
1,3,5-Trimethylbenzene
Concen: 44.39 ug/l
RT: 12.685 min Scan# 4081
Delta R.T. -0.002 min
Lab File: VN067177.D
Acq: 26 May 2021 19:15

Tgt Ion: 105 Resp: 601250
Ion Ratio Lower Upper
105 100
120 46.7 25.0 75.0





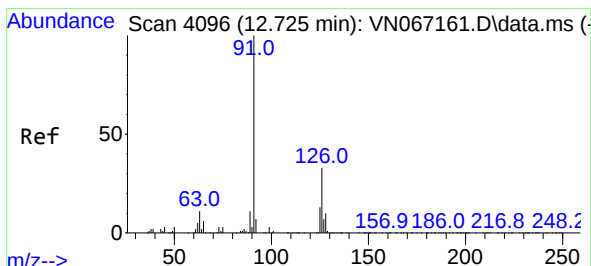
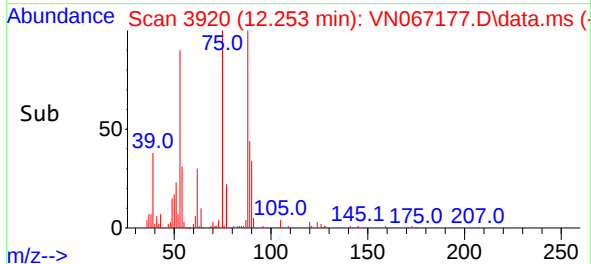
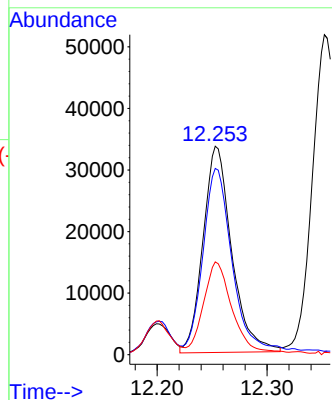
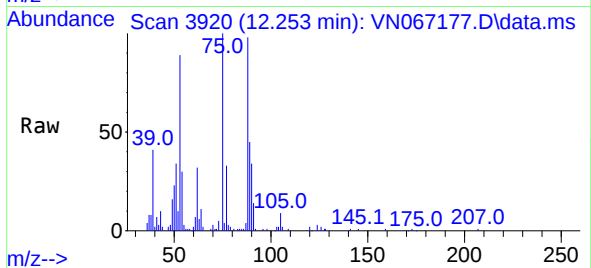
#81
trans-1,4-Dichloro-2-butene
Concen: 40.00 ug/l
RT: 12.253 min Scan# 3920
Delta R.T. -0.003 min
Lab File: VN067177.D
Acq: 26 May 2021 19:15

Tgt Ion: 75 Resp: 60905
Ion Ratio Lower Upper
75 100
53 87.4 66.3 99.5
89 43.2 39.5 59.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

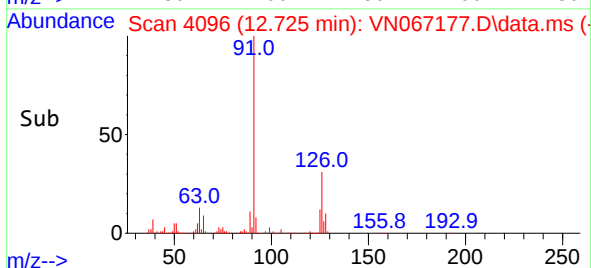
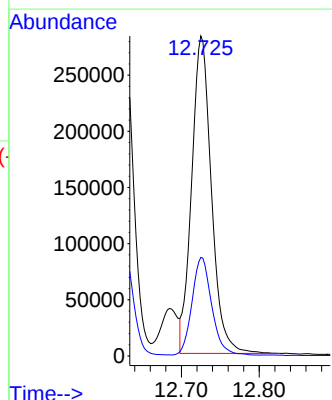
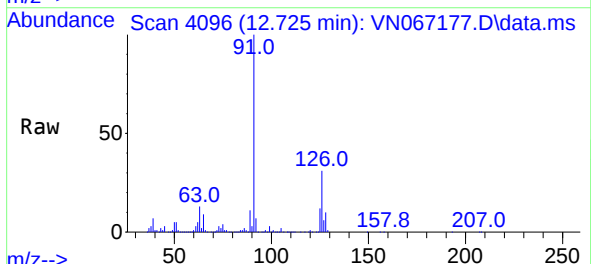
Manual Integrations
APPROVED

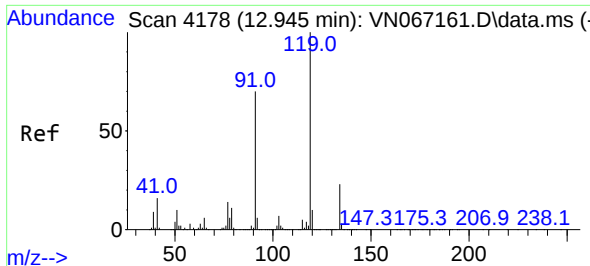
MMDadoda
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#82
4-Chlorotoluene
Concen: 48.58 ug/l
RT: 12.725 min Scan# 4096
Delta R.T. -0.000 min
Lab File: VN067177.D
Acq: 26 May 2021 19:15

Tgt Ion: 91 Resp: 496993
Ion Ratio Lower Upper
91 100
126 30.9 17.7 53.1





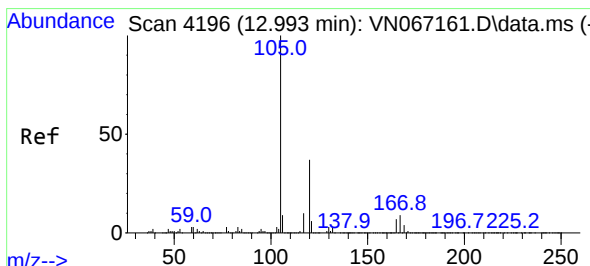
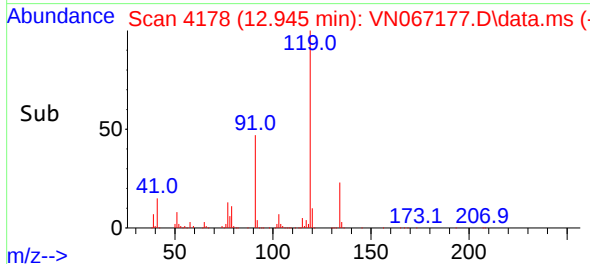
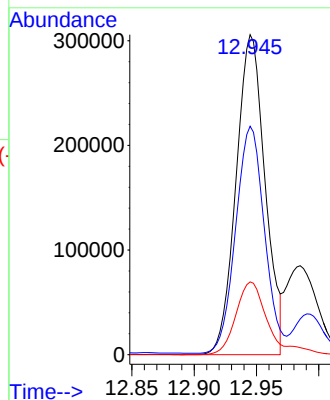
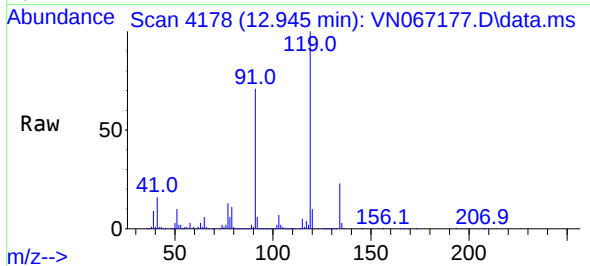
#83
tert-Butylbenzene
Concen: 40.79 ug/l
RT: 12.945 min Scan# 4178
Delta R.T. -0.000 min
Lab File: VN067177.D
Acq: 26 May 2021 19:15

Tgt Ion:119 Resp: 495379
Ion Ratio Lower Upper
119 100
91 70.7 30.2 90.6
134 25.3 13.0 39.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

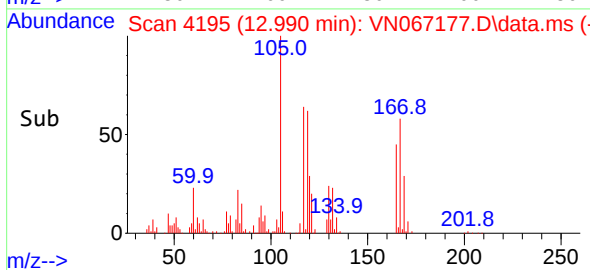
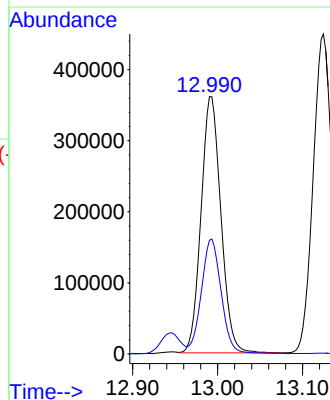
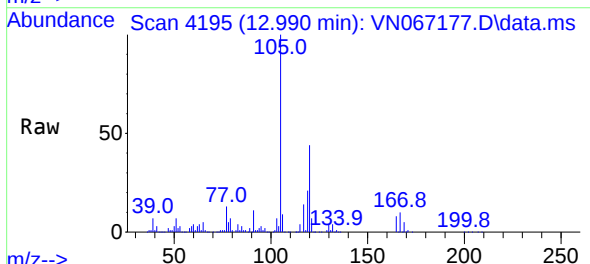
Manual Integrations
APPROVED

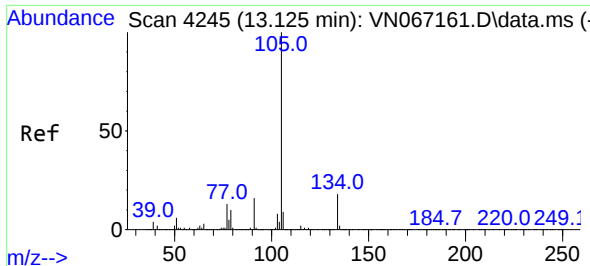
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#84
1,2,4-Trimethylbenzene
Concen: 47.80 ug/l
RT: 12.990 min Scan# 4195
Delta R.T. -0.003 min
Lab File: VN067177.D
Acq: 26 May 2021 19:15

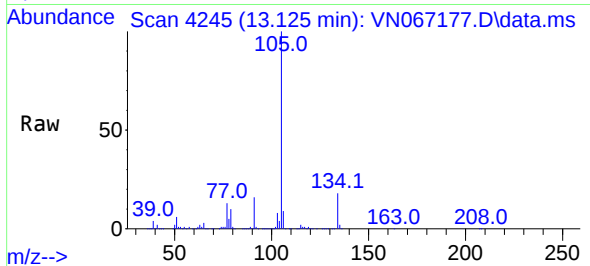
Tgt Ion:105 Resp: 585983
Ion Ratio Lower Upper
105 100
120 44.6 23.8 71.2





#85
sec-Butylbenzene
Concen: 46.92 ug/l
RT: 13.125 min Scan# 4245
Delta R.T. -0.000 min
Lab File: VN067177.D
Acq: 26 May 2021 19:15

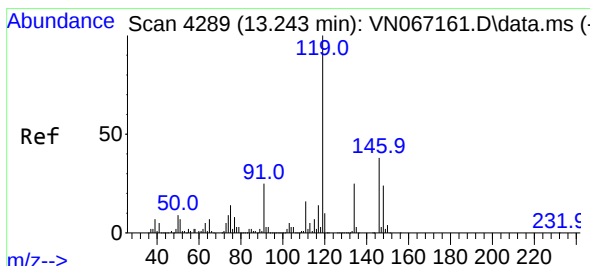
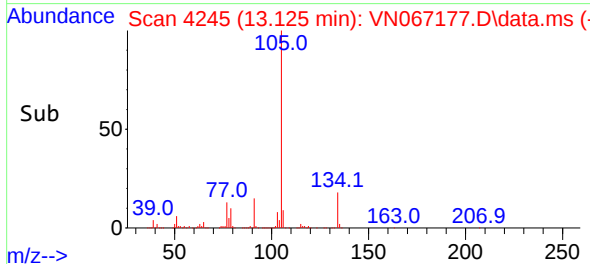
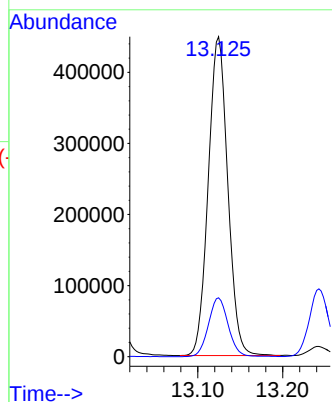
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



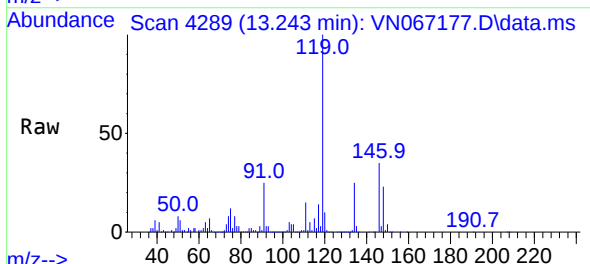
Tgt Ion:105 Resp: 714598
Ion Ratio Lower Upper
105 100
134 18.8 10.5 31.5

Manual Integrations
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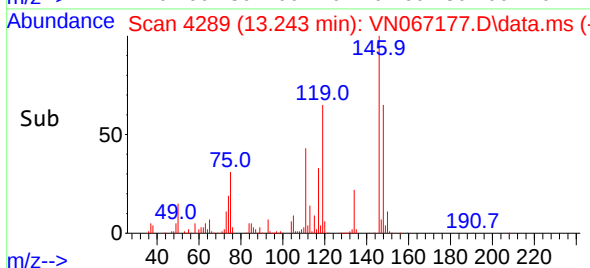
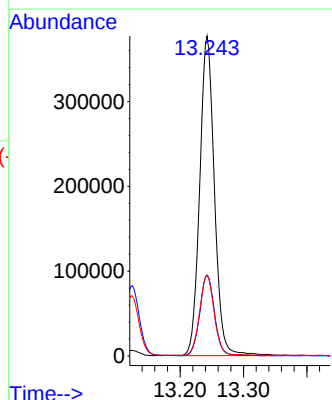
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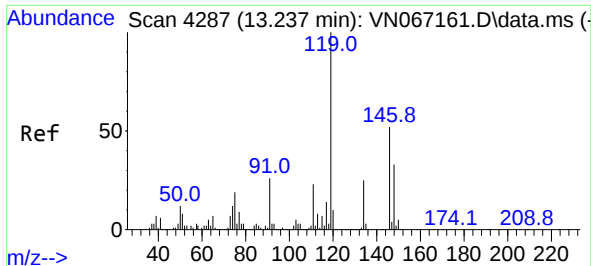


#86
p-Isopropyltoluene
Concen: 51.06 ug/l
RT: 13.243 min Scan# 4289
Delta R.T. -0.000 min
Lab File: VN067177.D
Acq: 26 May 2021 19:15



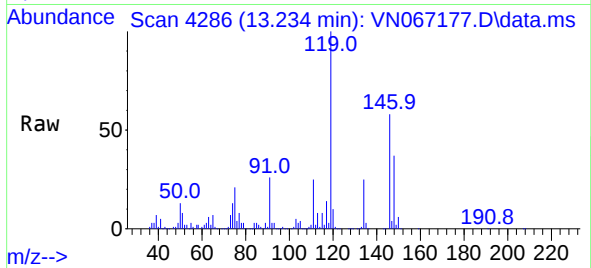
Tgt Ion:119 Resp: 607705
Ion Ratio Lower Upper
119 100
134 25.3 13.3 39.9
91 24.7 10.7 32.1





#87
1,3-Dichlorobenzene
Concen: 50.61 ug/l
RT: 13.234 min Scan# 4286
Delta R.T. -0.003 min
Lab File: VN067177.D
Acq: 26 May 2021 19:15

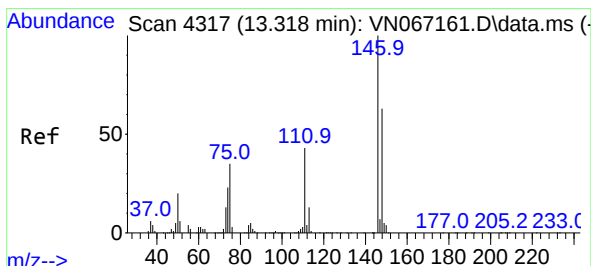
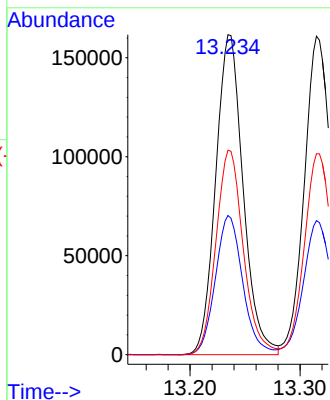
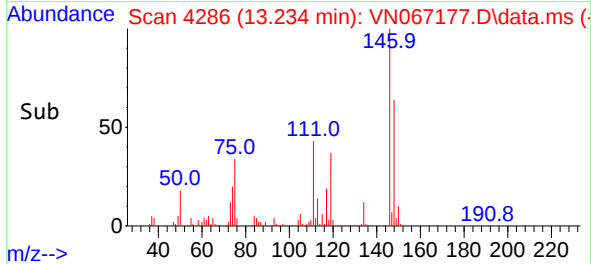
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



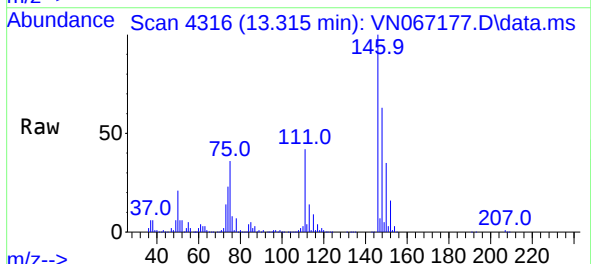
Tgt Ion:146 Resp: 280692
Ion Ratio Lower Upper
146 100
111 43.4 19.3 57.8
148 63.8 32.0 96.2

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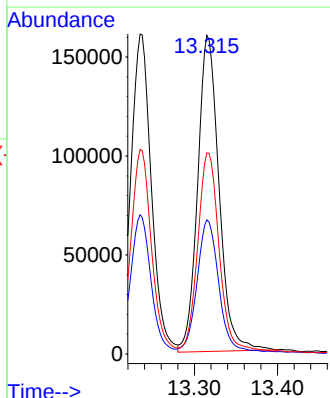
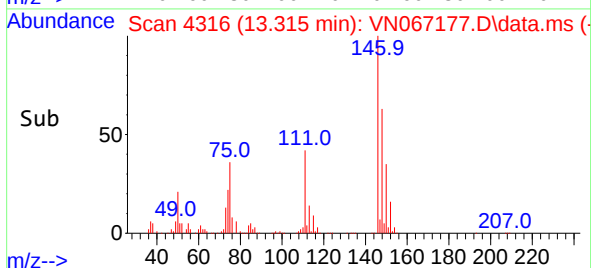
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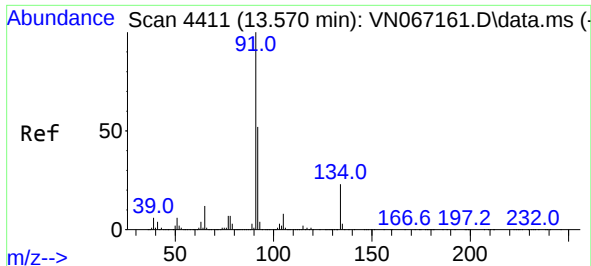


#88
1,4-Dichlorobenzene
Concen: 48.24 ug/l
RT: 13.315 min Scan# 4316
Delta R.T. -0.003 min
Lab File: VN067177.D
Acq: 26 May 2021 19:15



Tgt Ion:146 Resp: 285051
Ion Ratio Lower Upper
146 100
111 42.4 18.5 55.5
148 63.2 31.4 94.3





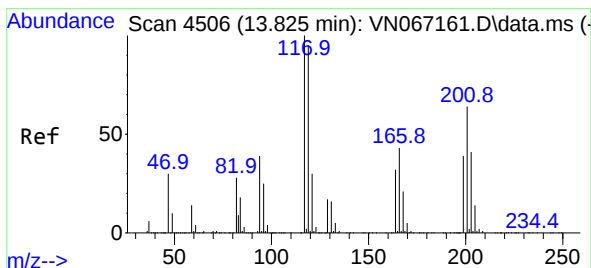
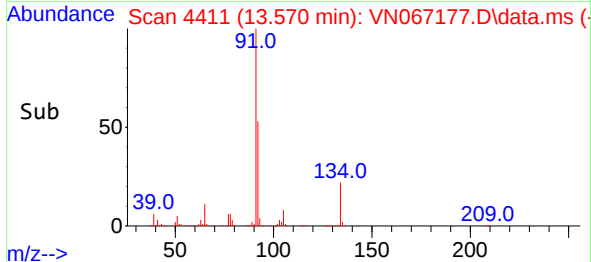
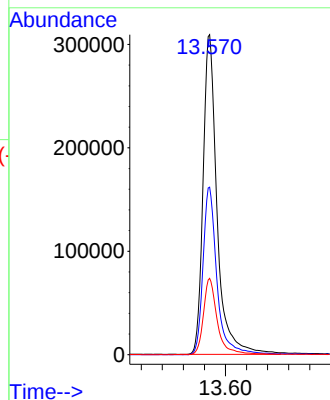
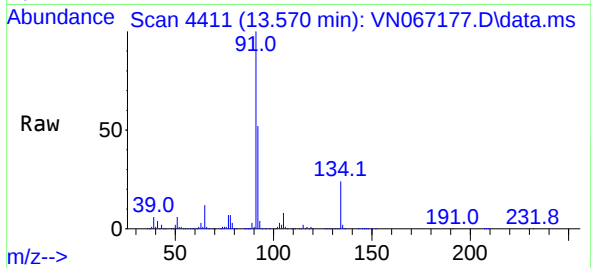
#89
n-Butylbenzene
Concen: 57.93 ug/l
RT: 13.570 min Scan# 4411
Delta R.T. -0.000 min
Lab File: VN067177.D
Acq: 26 May 2021 19:15

Tgt Ion: 91 Resp: 571448
Ion Ratio Lower Upper
91 100
92 52.4 26.5 79.5
134 23.7 14.3 42.9

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

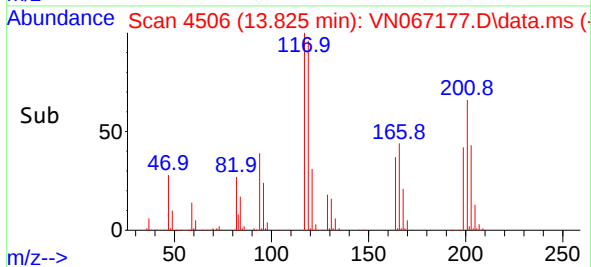
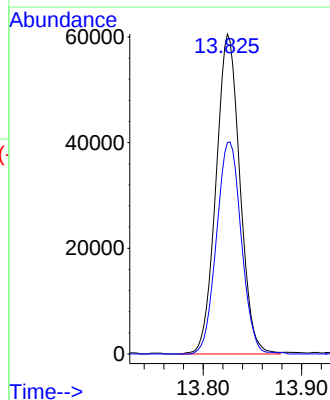
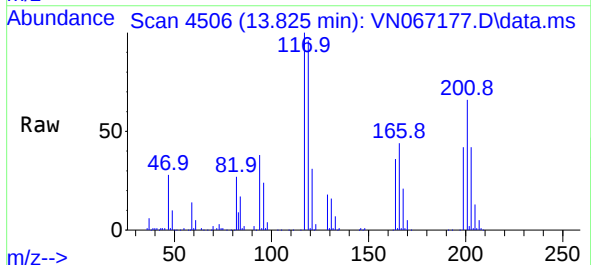
Manual Integrations
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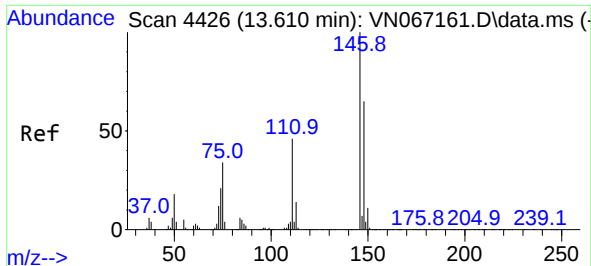
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#90
Hexachloroethane
Concen: 41.87 ug/l
RT: 13.825 min Scan# 4506
Delta R.T. -0.000 min
Lab File: VN067177.D
Acq: 26 May 2021 19:15

Tgt Ion: 117 Resp: 102325
Ion Ratio Lower Upper
117 100
201 68.8 45.5 136.5





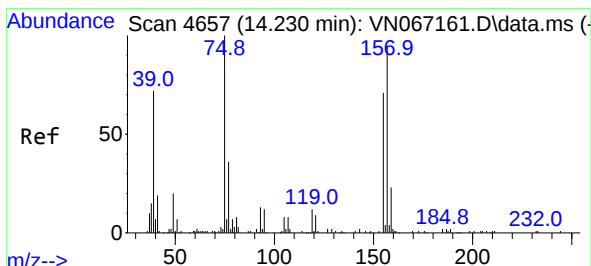
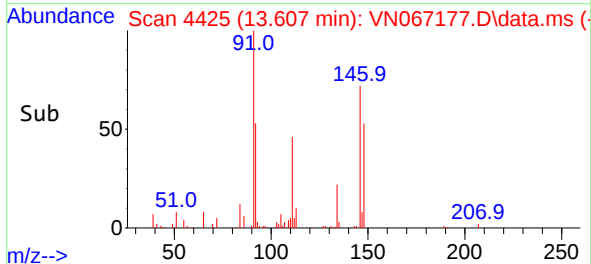
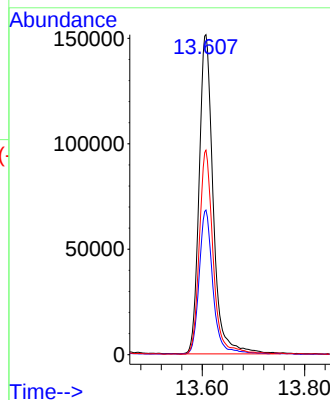
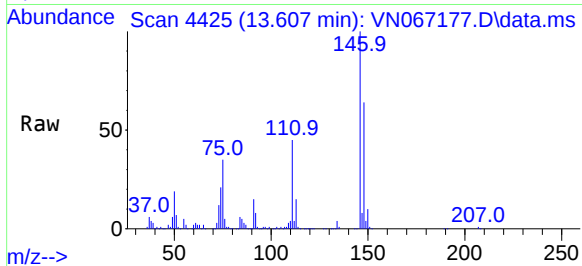
#91
1,2-Dichlorobenzene
Concen: 54.62 ug/l
RT: 13.607 min Scan# 4425
Delta R.T. -0.003 min
Lab File: VN067177.D
Acq: 26 May 2021 19:15

Tgt Ion: 146 Resp: 288825
Ion Ratio Lower Upper
146 100
111 44.1 19.8 59.3
148 62.5 31.7 95.1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

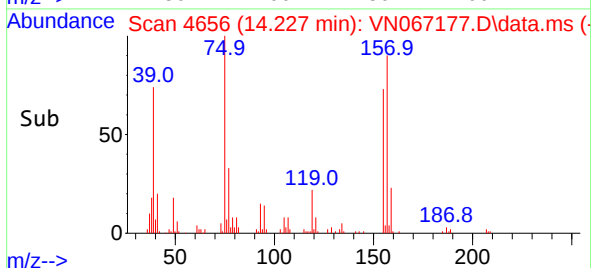
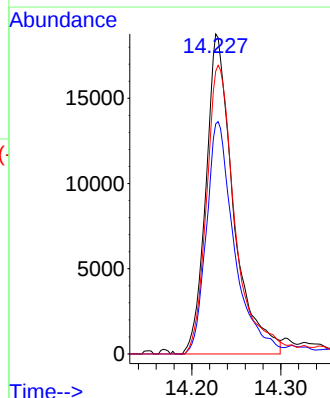
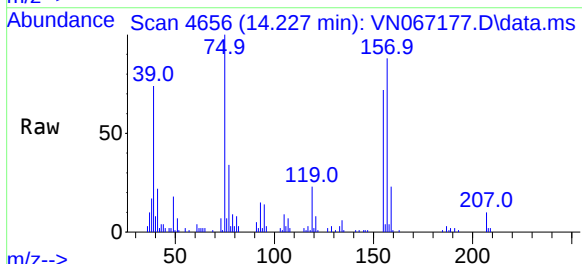
Manual Integrations
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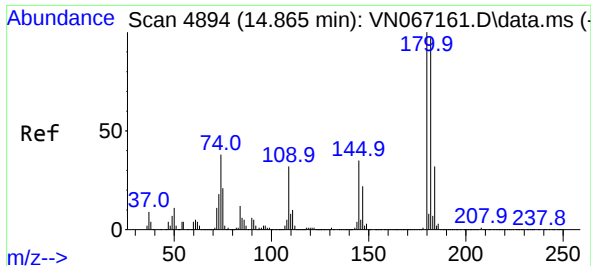
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5/28/2021 2:36:40 PM



#92
1,2-Dibromo-3-Chloropropane
Concen: 44.18 ug/l
RT: 14.227 min Scan# 4656
Delta R.T. -0.003 min
Lab File: VN067177.D
Acq: 26 May 2021 19:15

Tgt Ion: 75 Resp: 40227
Ion Ratio Lower Upper
75 100
155 74.1 49.9 149.7
157 94.5 63.8 191.4





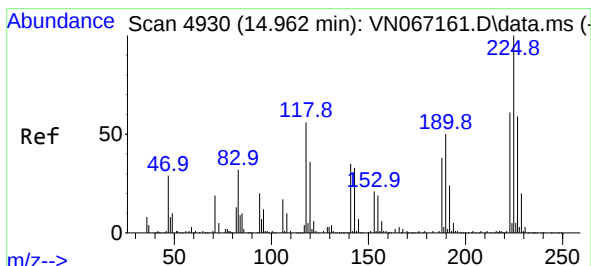
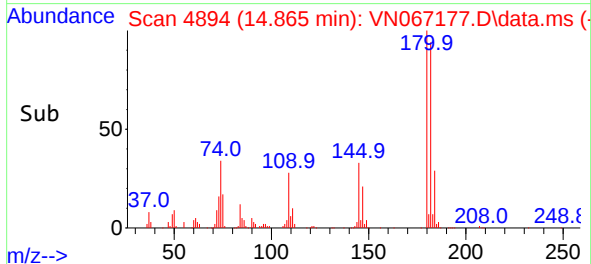
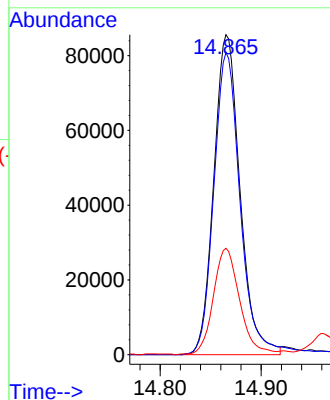
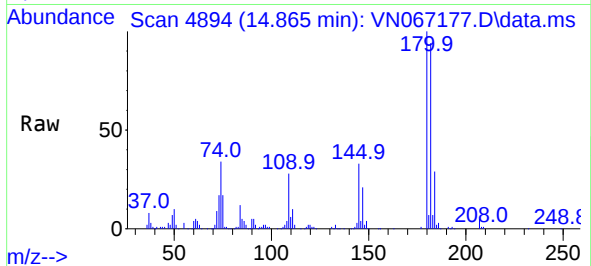
#93
1,2,4-Trichlorobenzene
Concen: 53.17 ug/l
RT: 14.865 min Scan# 4894
Delta R.T. 0.000 min
Lab File: VN067177.D
Acq: 26 May 2021 19:15

Tgt Ion:180 Resp: 154013
Ion Ratio Lower Upper
180 100
182 95.8 47.3 141.8
145 33.4 14.0 42.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

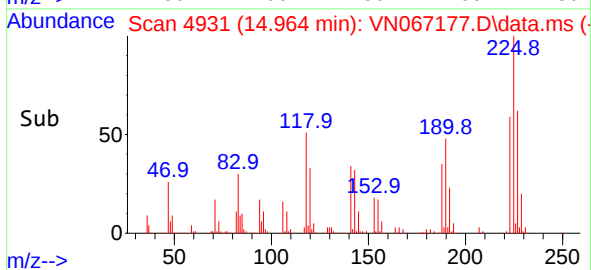
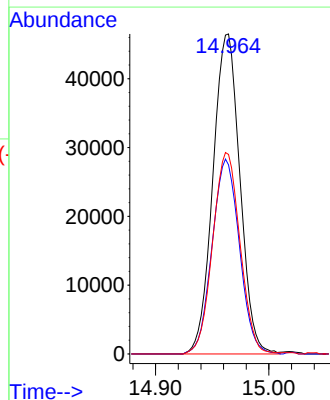
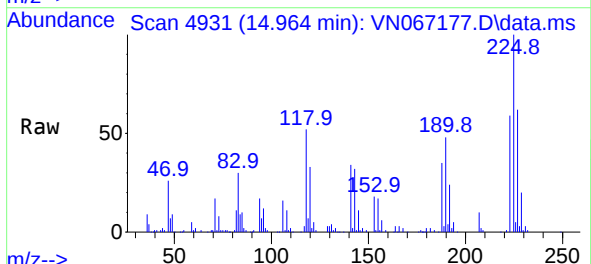
Manual Integrations
APPROVED

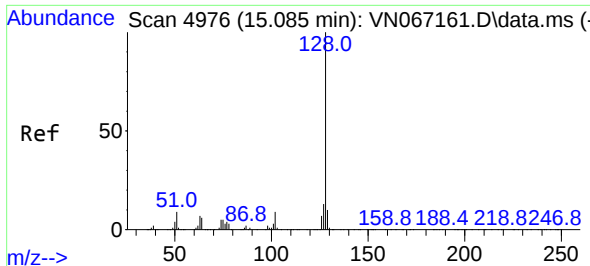
MMDadoda
5/28/2021 2:36:40 PM



#94
Hexachlorobutadiene
Concen: 52.70 ug/l
RT: 14.964 min Scan# 4931
Delta R.T. 0.002 min
Lab File: VN067177.D
Acq: 26 May 2021 19:15

Tgt Ion:225 Resp: 77062
Ion Ratio Lower Upper
225 100
223 61.6 31.7 95.1
227 63.7 31.7 95.1





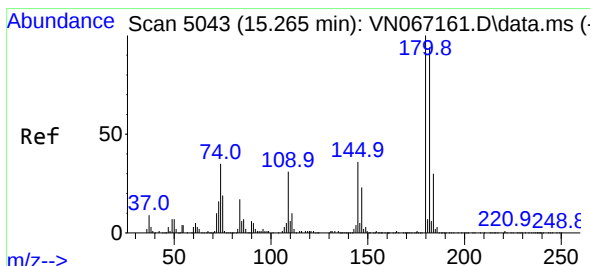
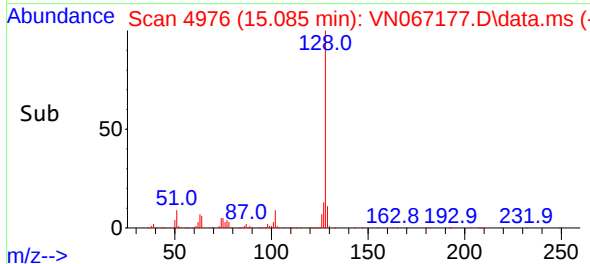
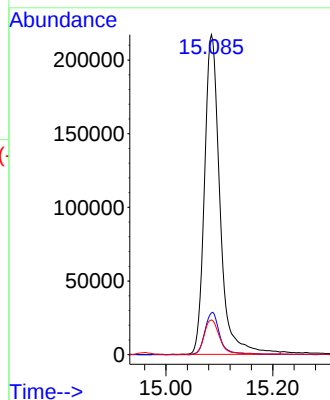
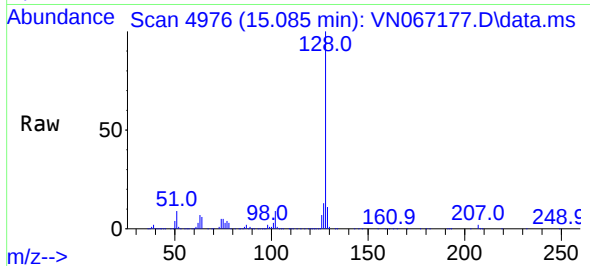
#95
Naphthalene
Concen: 51.17 ug/l
RT: 15.085 min Scan# 4976
Delta R.T. 0.000 min
Lab File: VN067177.D
Acq: 26 May 2021 19:15

Tgt Ion:128 Resp: 436459
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.2
129 10.8 8.6 13.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
5/28/2021 2:36:40 PM



#96
1,2,3-Trichlorobenzene
Concen: 61.53 ug/l
RT: 15.265 min Scan# 5043
Delta R.T. -0.000 min
Lab File: VN067177.D
Acq: 26 May 2021 19:15

Tgt Ion:180 Resp: 147853
Ion Ratio Lower Upper
180 100
182 94.8 48.5 145.6
145 35.2 15.4 46.2

