

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052821\
 Data File : VN067181.D
 Acq On : 28 May 2021 14:28
 Operator : JC/MD
 Sample : VN0528WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0528WBS01

Manual Integrations
 APPROVED

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 6/1/2021 12:13:30 PM

Quant Time: May 29 02:19:35 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	7.578	168	234276	50.00	ug/l	#-0.02
34) 1,4-Difluorobenzene	8.509	114	441336	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.343	117	393264	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.283	152	172366	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.940	65	176732	48.61	ug/l	-0.02
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.22%		
35) Dibromofluoromethane	7.500	113	135395	49.99	ug/l	-0.02
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.98%		
50) Toluene-d8	10.021	98	525873	50.45	ug/l	-0.01
Spiked Amount 50.000	Range 65 - 126		Recovery =	100.90%		
62) 4-Bromofluorobenzene	12.341	95	193575	54.32	ug/l	-0.01
Spiked Amount 50.000	Range 58 - 135		Recovery =	108.64%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.828	85	58658	19.59	ug/l	95
3) Chloromethane	2.026	50	69759	16.62	ug/l	98
4) Vinyl Chloride	2.155	62	67296	18.68	ug/l	99
5) Bromomethane	2.509	94	34485	17.68	ug/l	94
6) Chloroethane	2.651	64	36709	19.02	ug/l	98
7) Trichlorofluoromethane	2.962	101	81514	19.01	ug/l	99
8) Diethyl Ether	3.346	74	36953	18.64	ug/l	77
9) 1,1,2-Trichlorotrifluo...	3.686	101	54373	20.03	ug/l #	60
10) Methyl Iodide	3.877	142	58519	14.65	ug/l	92
11) Tert butyl alcohol	4.687	59	49783	64.99	ug/l #	93
12) 1,1-Dichloroethene	3.662	96	53653	19.07	ug/l	89
13) Acrolein	3.536	56	43013	67.55	ug/l	91
14) Allyl chloride	4.234	41	112126	18.13	ug/l #	93
15) Acrylonitrile	4.880	53	127796	81.14	ug/l	98
16) Acetone	3.740	43	127605	85.38	ug/l	95
17) Carbon Disulfide	3.973	76	160351	18.55	ug/l	100
18) Methyl Acetate	4.239	43	72393	17.35	ug/l #	89
19) Methyl tert-butyl Ether	4.936	73	171477	18.31	ug/l	95
20) Methylene Chloride	4.456	84	63958	17.41	ug/l #	89
21) trans-1,2-Dichloroethene	4.939	96	57546	18.75	ug/l	87
22) Diisopropyl ether	5.845	45	198455	18.57	ug/l #	88
23) Vinyl Acetate	5.792	43	858235	87.47	ug/l #	93
24) 1,1-Dichloroethane	5.741	63	116879	18.90	ug/l	97
25) 2-Butanone	6.730	43	188817	79.48	ug/l	92
26) 2,2-Dichloropropane	6.717	77	98835	18.81	ug/l	99
27) cis-1,2-Dichloroethene	6.725	96	66702	18.70	ug/l	88
28) Bromochloromethane	7.098	49	55403	18.50	ug/l #	70
29) Tetrahydrofuran	7.114	42	120888	78.44	ug/l #	83
30) Chloroform	7.280	83	110587	18.34	ug/l	100
31) Cyclohexane	7.565	56	101396	18.02	ug/l	90
32) 1,1,1-Trichloroethane	7.479	97	96215	18.64	ug/l	97
36) 1,1-Dichloropropene	7.707	75	82820	18.56	ug/l	97
37) Ethyl Acetate	6.832	43	79746	16.21	ug/l	95
38) Carbon Tetrachloride	7.685	117	77737	17.88	ug/l	98
39) Methylcyclohexane	9.007	83	95897	19.56	ug/l	90
40) Benzene	7.959	78	257828	18.90	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.087	41	39606m	16.79	ug/l	
42) 1,2-Dichloroethane	8.039	62	84231	18.14	ug/l	99
43) Isopropyl Acetate	8.082	43	141351	16.56	ug/l #	92
44) Trichloroethene	8.761	130	59211	19.39	ug/l	83
45) 1,2-Dichloropropane	9.042	63	68393	18.37	ug/l	98
46) Dibromomethane	9.134	93	40891	17.94	ug/l #	82
47) Bromodichloromethane	9.329	83	86993	18.35	ug/l	98
48) Methyl methacrylate	9.128	41	60897	16.06	ug/l	89
49) 1,4-Dioxane	9.131	88	15567	330.01	ug/l #	85
51) 4-Methyl-2-Pentanone	9.911	43	389248	82.34	ug/l	92
52) Toluene	10.086	92	156734	19.07	ug/l	98
53) t-1,3-Dichloropropene	10.316	75	93119	18.45	ug/l	99
54) cis-1,3-Dichloropropene	9.769	75	105175	18.58	ug/l #	89
55) 1,1,2-Trichloroethane	10.493	97	59384	18.70	ug/l	96
56) Ethyl methacrylate	10.365	69	85170	17.12	ug/l #	85
57) 1,3-Dichloropropane	10.638	76	99193	17.99	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.624	63	111581	150.91	ug/l	91
59) 2-Hexanone	10.689	43	235535	79.63	ug/l	91
60) Dibromochloromethane	10.834	129	59339	18.04	ug/l	100
61) 1,2-Dibromoethane	10.938	107	56153	17.91	ug/l	100
64) Tetrachloroethene	10.566	164	48836	18.18	ug/l	92
65) Chlorobenzene	11.368	112	153323	19.09	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.443	131	54322	17.78	ug/l	98
67) Ethyl Benzene	11.448	91	291026	19.33	ug/l	96
68) m/p-Xylenes	11.558	106	219786	41.24	ug/l	92
69) o-Xylene	11.885	106	106303	19.37	ug/l	89
70) Styrene	11.904	104	168961	19.36	ug/l	96
71) Bromoform	12.065	173	35802	17.61	ug/l #	99
73) Isopropylbenzene	12.188	105	281718	16.70	ug/l	97
74) N-amyl acetate	12.027	43	39812	12.50	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.443	83	88592	15.78	ug/l	98
76) 1,2,3-Trichloropropane	12.491	75	79171m	16.50	ug/l	
77) Bromobenzene	12.465	156	61998	18.11	ug/l	76
78) n-propylbenzene	12.529	91	336627	18.59	ug/l	92
79) 2-Chlorotoluene	12.612	91	200465	17.10	ug/l	92
80) 1,3,5-Trimethylbenzene	12.671	105	244588	17.58	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.242	75	21016	17.94	ug/l #	92
82) 4-Chlorotoluene	12.711	91	195385	18.59	ug/l	93
83) tert-Butylbenzene	12.931	119	200398	16.06	ug/l	91
84) 1,2,4-Trimethylbenzene	12.979	105	235586	18.71	ug/l	94
85) sec-Butylbenzene	13.108	105	289265	18.49	ug/l	95
86) p-Isopropyltoluene	13.229	119	244500	20.00	ug/l	95
87) 1,3-Dichlorobenzene	13.224	146	112777	19.79	ug/l	96
88) 1,4-Dichlorobenzene	13.301	146	112980	18.61	ug/l	95
89) n-Butylbenzene	13.556	91	221558	21.87	ug/l	96
90) Hexachloroethane	13.808	117	37512	14.94	ug/l	71
91) 1,2-Dichlorobenzene	13.596	146	109713	20.20	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.216	75	14451	15.45	ug/l	70
93) 1,2,4-Trichlorobenzene	14.851	180	54252	20.38	ug/l	98
94) Hexachlorobutadiene	14.945	225	30028	19.99	ug/l	97
95) Naphthalene	15.071	128	133919	17.99	ug/l	98
96) 1,2,3-Trichlorobenzene	15.248	180	49872	20.20	ug/l	96

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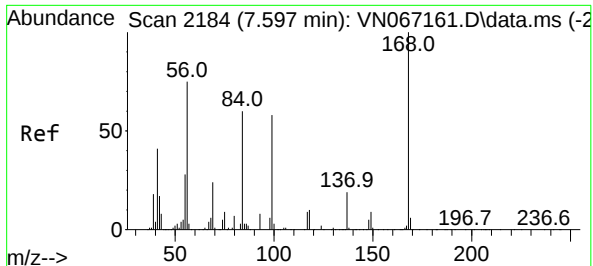
Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



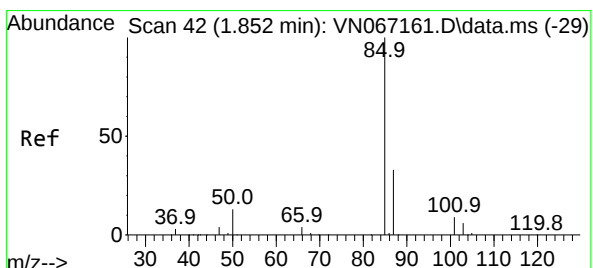
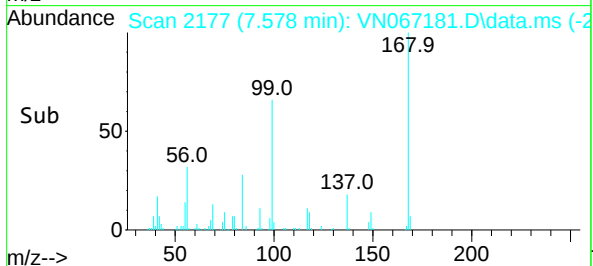
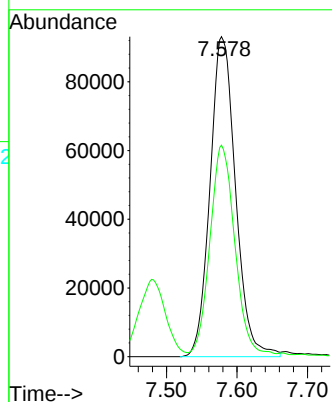
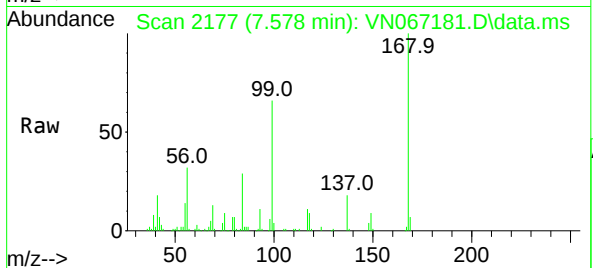
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.578 min Scan# 2177
Delta R.T. -0.019 min
Lab File: VN067181.D
Acq: 28 May 2021 14:28

Tgt Ion: 168 Resp: 234276
Ion Ratio Lower Upper
168 100
99 65.0 38.5 57.7#

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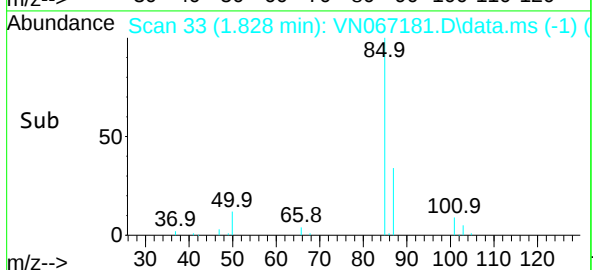
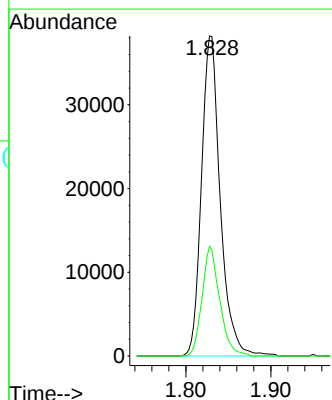
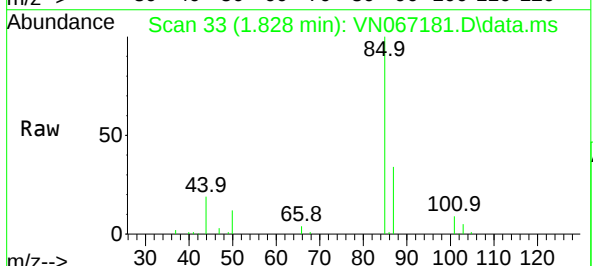
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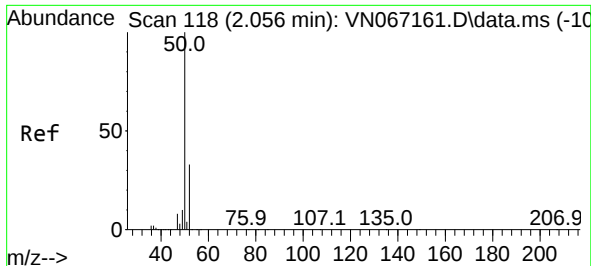
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#2
Dichlorodifluoromethane
Concen: 19.59 ug/l
RT: 1.828 min Scan# 33
Delta R.T. -0.024 min
Lab File: VN067181.D
Acq: 28 May 2021 14:28

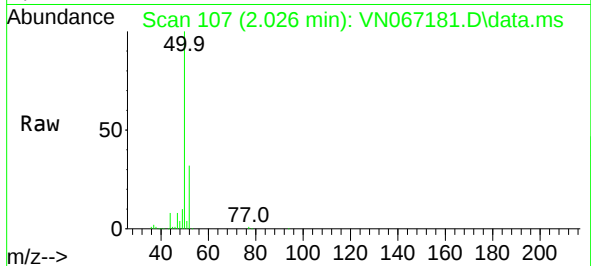
Tgt Ion: 85 Resp: 58658
Ion Ratio Lower Upper
85 100
87 34.2 15.8 47.4





#3
Chloromethane
Concen: 16.62 ug/l
RT: 2.026 min Scan# 107
Delta R.T. -0.030 min
Lab File: VN067181.D
Acq: 28 May 2021 14:28

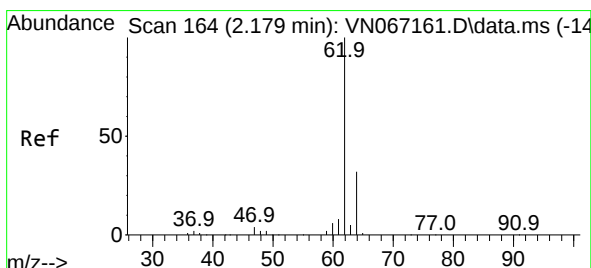
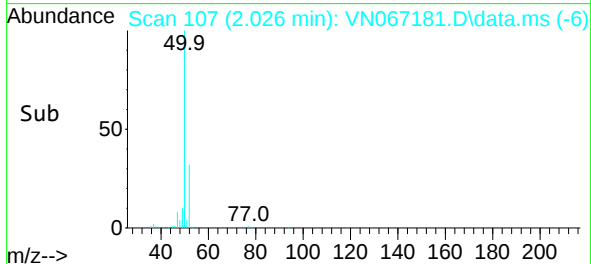
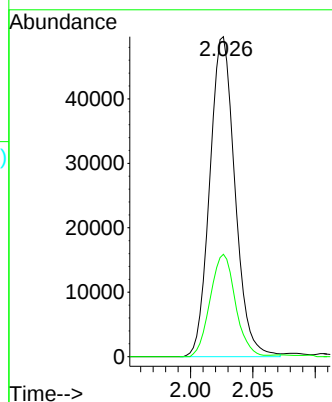
Instrument :
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Tgt Ion: 50 Resp: 69759
Ion Ratio Lower Upper
50 100
52 32.0 26.5 39.7

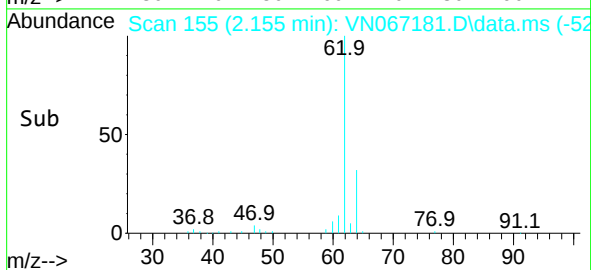
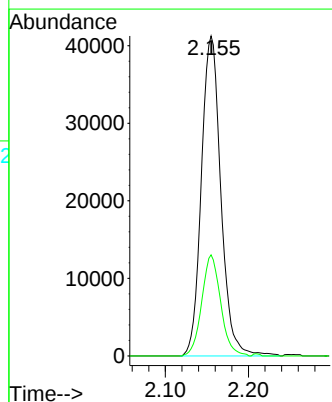
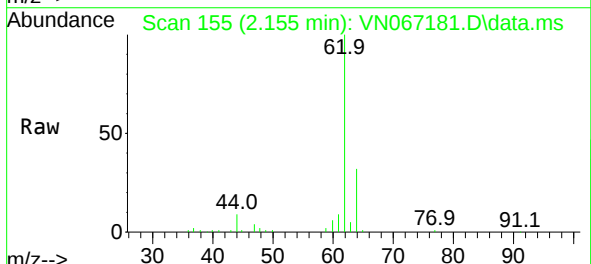
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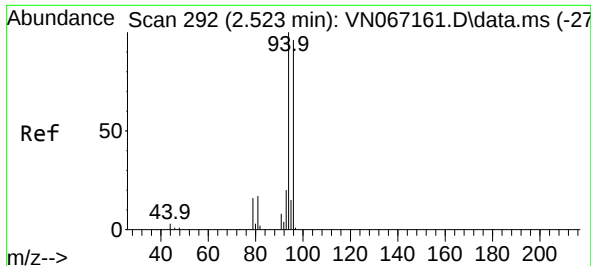
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#4
Vinyl Chloride
Concen: 18.68 ug/l
RT: 2.155 min Scan# 155
Delta R.T. -0.024 min
Lab File: VN067181.D
Acq: 28 May 2021 14:28

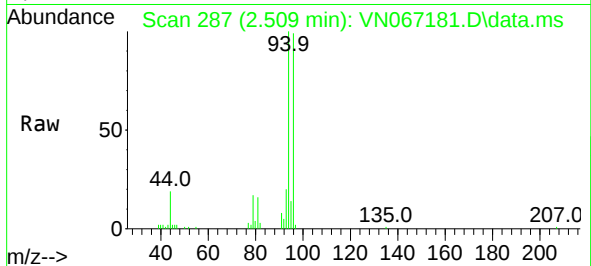
Tgt Ion: 62 Resp: 67296
Ion Ratio Lower Upper
62 100
64 31.6 25.9 38.9





#5
Bromomethane
Concen: 17.68 ug/l
RT: 2.509 min Scan# 287
Delta R.T. -0.014 min
Lab File: VN067181.D
Acq: 28 May 2021 14:28

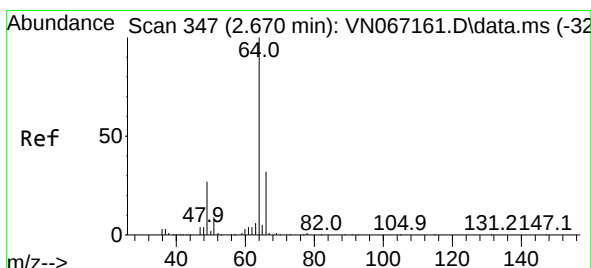
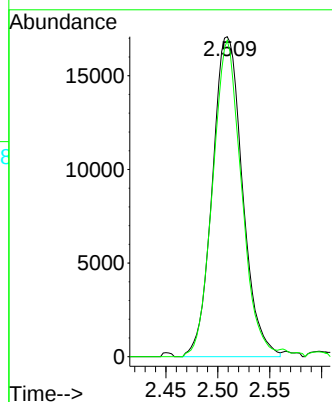
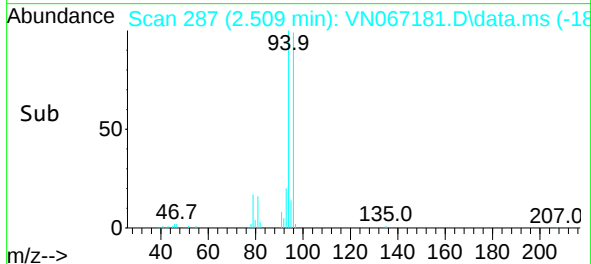
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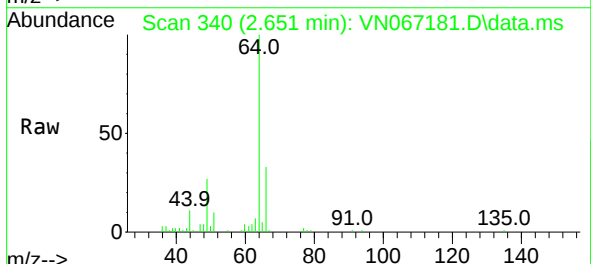
Tgt Ion: 94 Resp: 34485
Ion Ratio Lower Upper
94 100
96 98.8 74.4 111.6

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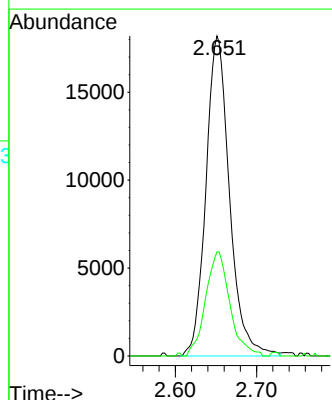
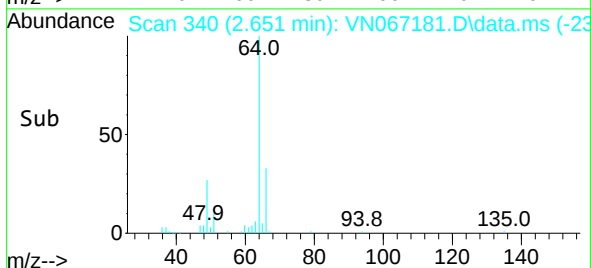
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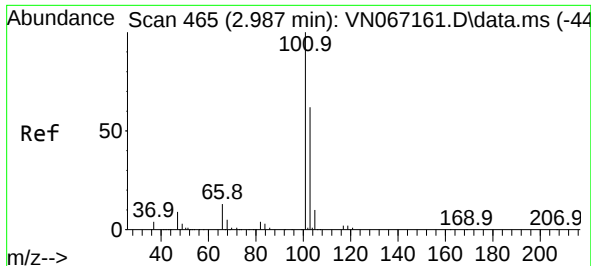


#6
Chloroethane
Concen: 19.02 ug/l
RT: 2.651 min Scan# 340
Delta R.T. -0.019 min
Lab File: VN067181.D
Acq: 28 May 2021 14:28



Tgt Ion: 64 Resp: 36709
Ion Ratio Lower Upper
64 100
66 32.5 25.0 37.6





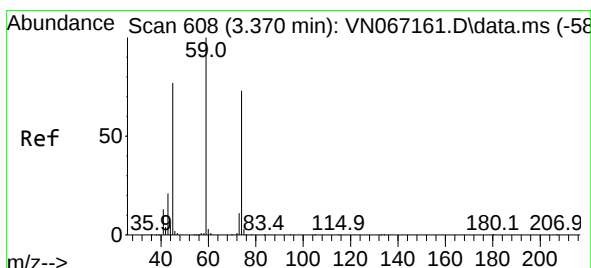
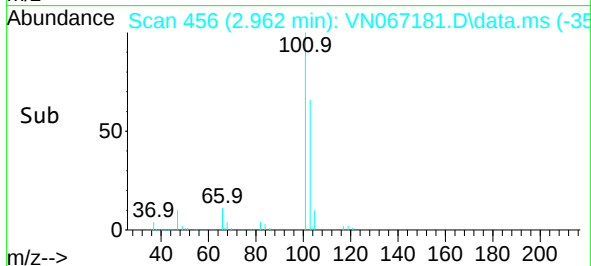
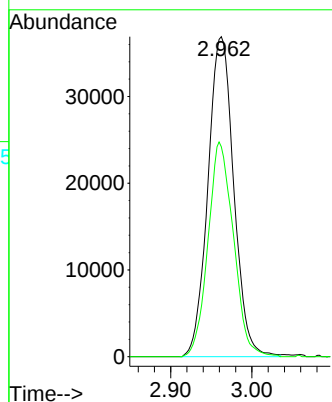
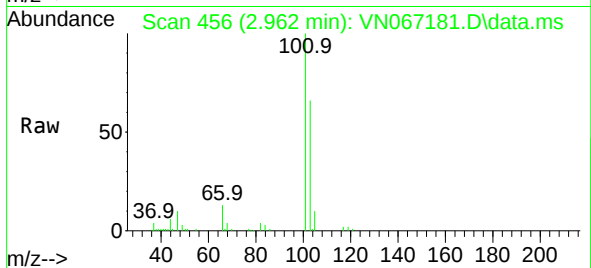
#7
Trichlorofluoromethane
Concen: 19.01 ug/l
RT: 2.962 min Scan# 456
Delta R.T. -0.025 min
Lab File: VN067181.D
Acq: 28 May 2021 14:28

Tgt Ion:101 Resp: 81514
Ion Ratio Lower Upper
101 100
103 65.6 53.2 79.8

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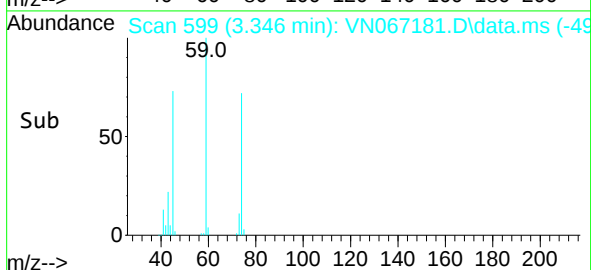
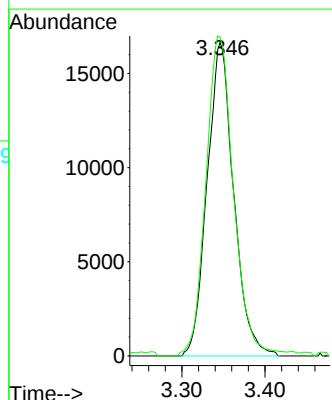
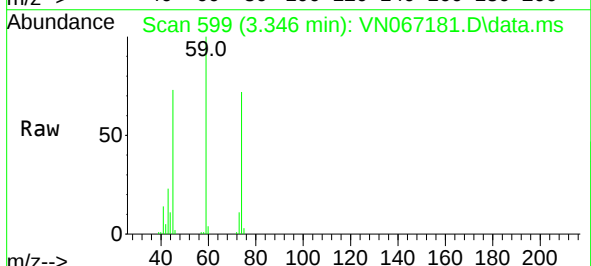
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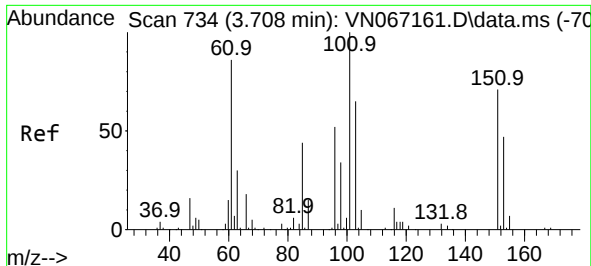
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#8
Diethyl Ether
Concen: 18.64 ug/l
RT: 3.346 min Scan# 599
Delta R.T. -0.024 min
Lab File: VN067181.D
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Tgt Ion: 74 Resp: 36953
Ion Ratio Lower Upper
74 100
45 106.3 42.7 128.1





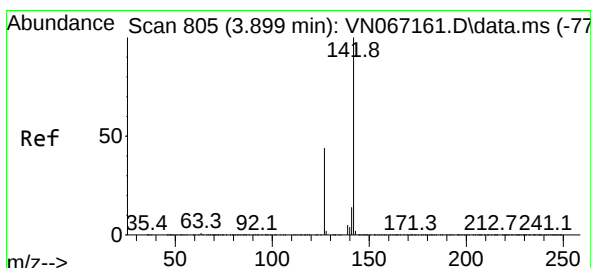
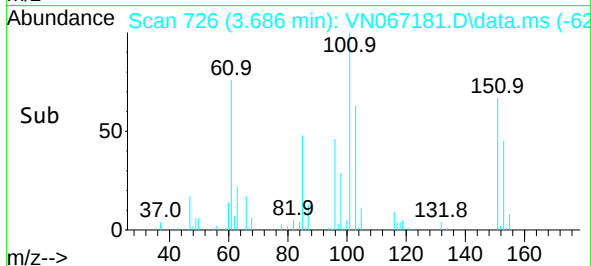
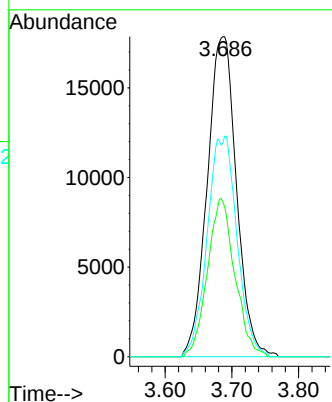
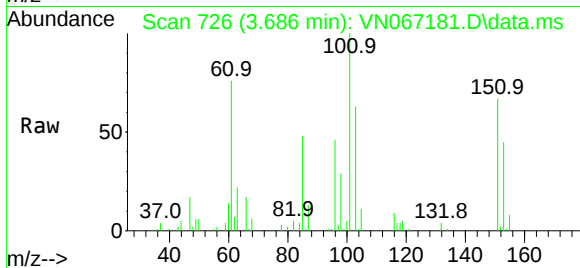
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.03 ug/l
RT: 3.686 min Scan# 726
Delta R.T. -0.022 min
Lab File: VN067181.D
Acq: 28 May 2021 14:28

Tgt Ion:101 Resp: 54373
Ion Ratio Lower Upper
101 100
85 46.3 32.6 49.0
151 34.5 68.2 102.2#

Instrument :
MSVOA_N
ClientSampleId :
VN0528WBS01

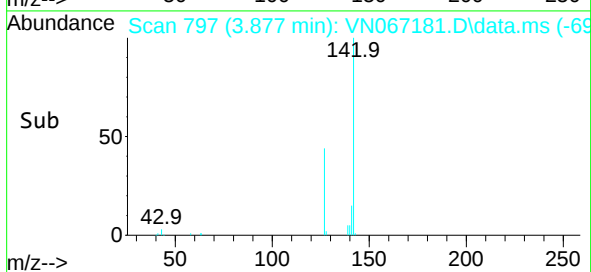
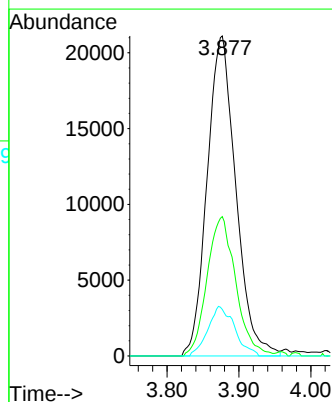
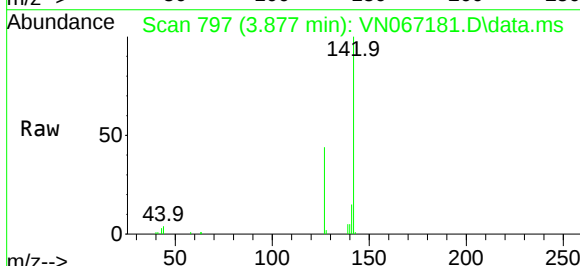
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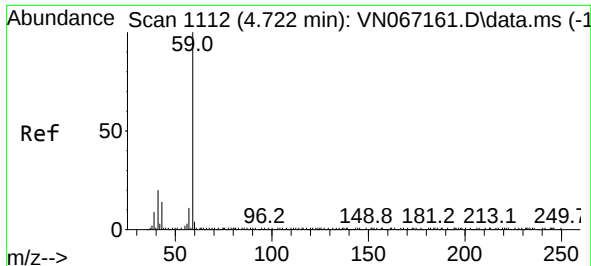
MMDadoda
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#10
Methyl Iodide
Concen: 14.65 ug/l
RT: 3.877 min Scan# 797
Delta R.T. -0.022 min
Lab File: VN067181.D
Acq: 28 May 2021 14:28

Tgt Ion:142 Resp: 58519
Ion Ratio Lower Upper
142 100
127 43.6 29.9 44.9
141 14.5 11.3 16.9





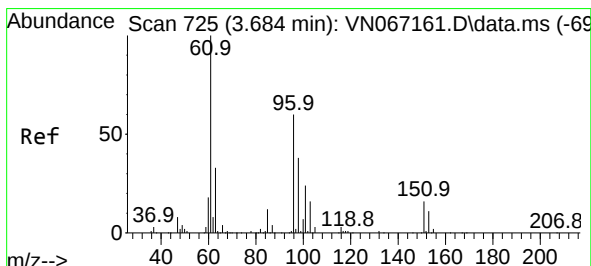
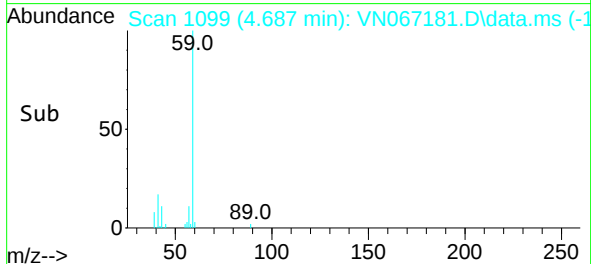
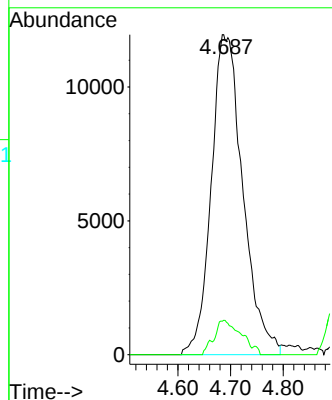
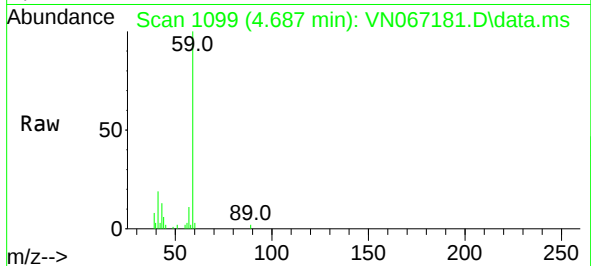
#11
Tert butyl alcohol
Concen: 64.99 ug/l
RT: 4.687 min Scan# 1099
Delta R.T. -0.035 min
Lab File: VN067181.D
Acq: 28 May 2021 14:28

Tgt Ion: 59 Resp: 49783
Ion Ratio Lower Upper
59 100
57 6.6 3.5 5.3#

Instrument :
MSVOA_N
ClientSampleId :
VN0528WBS01

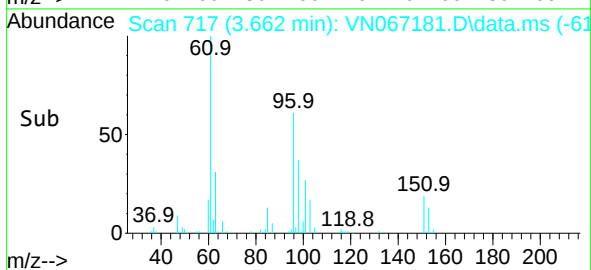
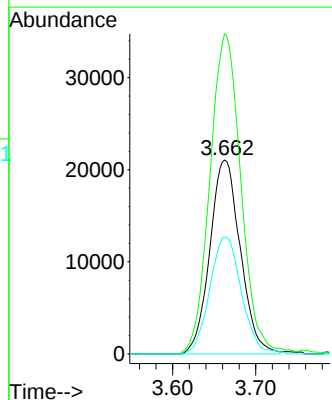
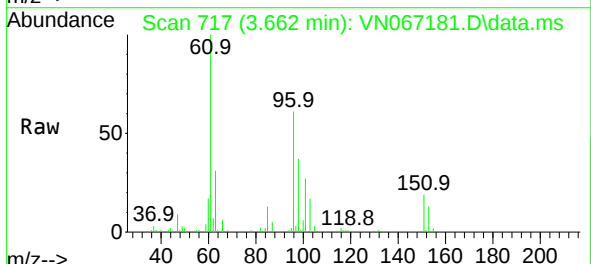
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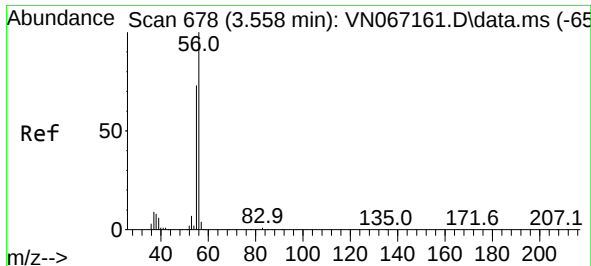
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#12
1,1-Dichloroethene
Concen: 19.07 ug/l
RT: 3.662 min Scan# 717
Delta R.T. -0.022 min
Lab File: VN067181.D
Acq: 28 May 2021 14:28

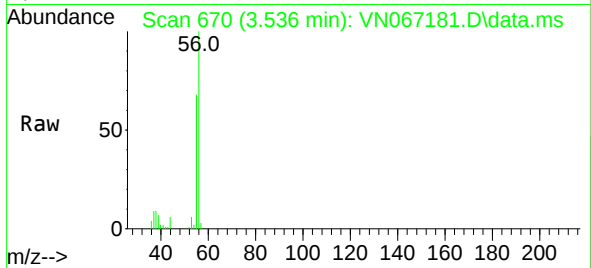
Tgt Ion: 96 Resp: 53653
Ion Ratio Lower Upper
96 100
61 164.9 118.1 177.1
98 60.3 51.1 76.7





#13
Acrolein
Concen: 67.55 ug/l
RT: 3.536 min Scan# 670
Delta R.T. -0.022 min
Lab File: VN067181.D
Acq: 28 May 2021 14:28

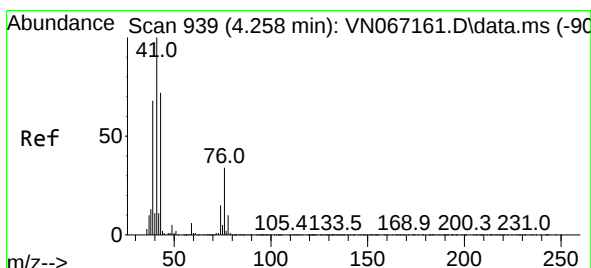
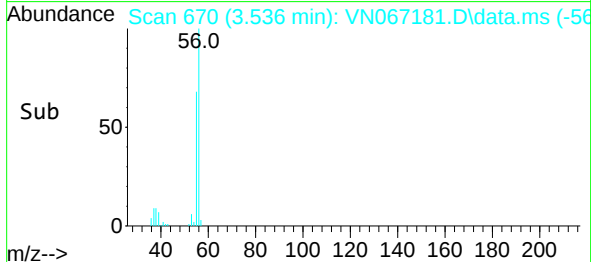
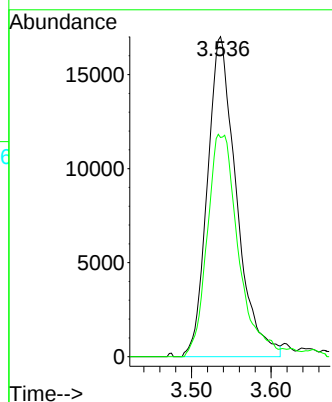
Instrument :
MSVOA_N
ClientSampleId :
VN0528WBS01



Tgt Ion: 56 Resp: 43013
Ion Ratio Lower Upper
56 100
55 74.6 53.8 80.6

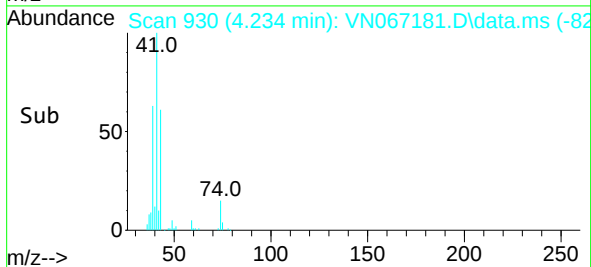
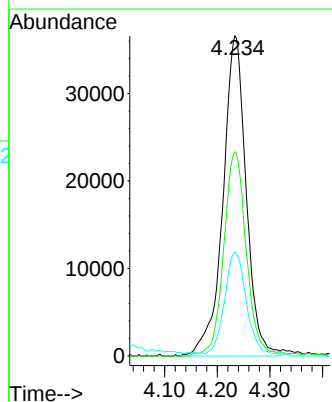
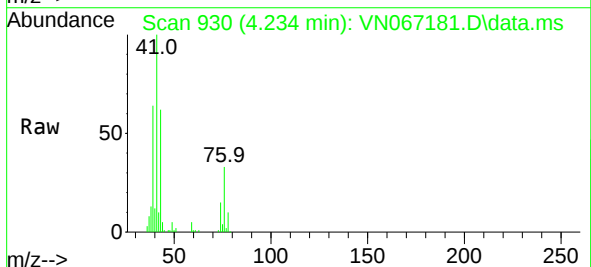
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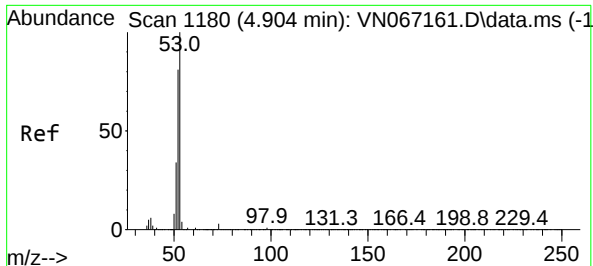
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#14
Allyl chloride
Concen: 18.13 ug/l
RT: 4.234 min Scan# 930
Delta R.T. -0.024 min
Lab File: VN067181.D
Acq: 28 May 2021 14:28

Tgt Ion: 41 Resp: 112126
Ion Ratio Lower Upper
41 100
39 61.6 48.7 73.1
76 29.0 31.4 47.2#





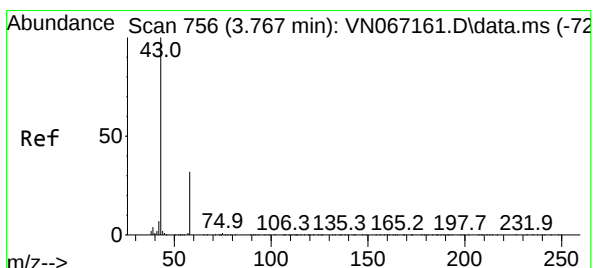
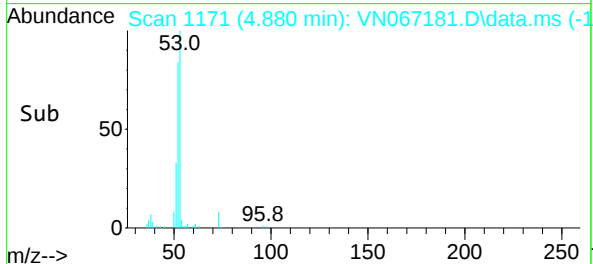
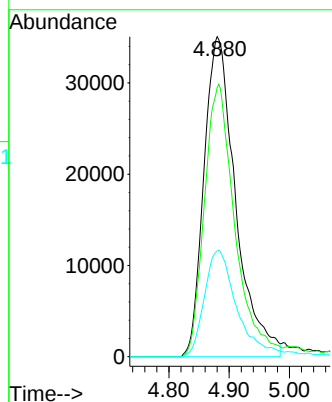
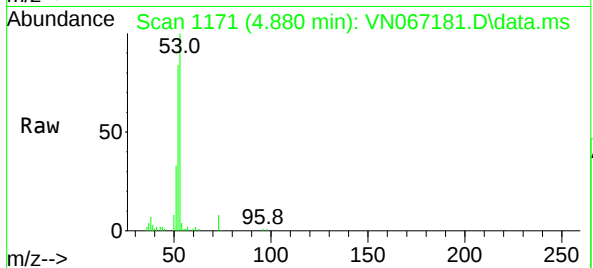
#15
Acrylonitrile
Concen: 81.14 ug/l
RT: 4.880 min Scan# 1171
Delta R.T. -0.024 min
Lab File: VN067181.D
Acq: 28 May 2021 14:28

Tgt Ion: 53 Resp: 127796
Ion Ratio Lower Upper
53 100
52 81.9 66.6 100.0
51 33.0 28.6 42.8

Instrument :
MSVOA_N
ClientSampleId :
VN0528WBS01

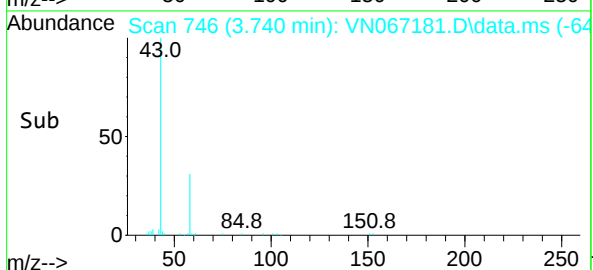
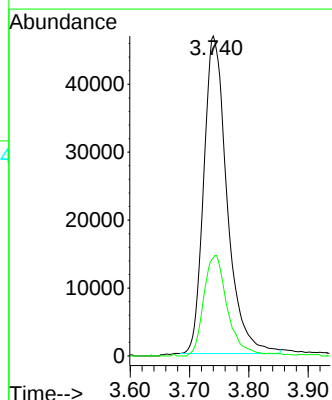
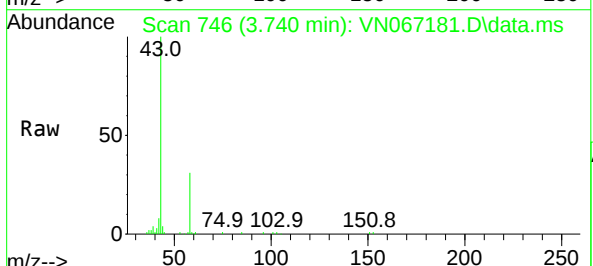
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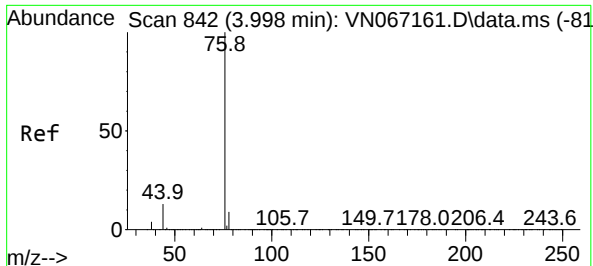
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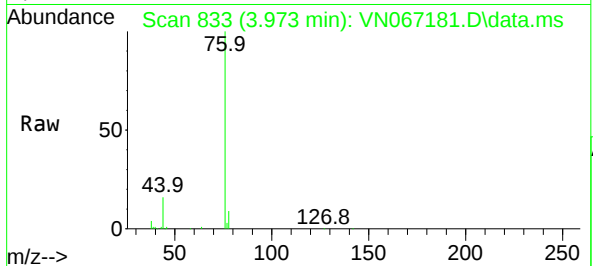
#16
Acetone
Concen: 85.38 ug/l
RT: 3.740 min Scan# 746
Delta R.T. -0.027 min
Lab File: VN067181.D
Acq: 28 May 2021 14:28

Tgt Ion: 43 Resp: 127605
Ion Ratio Lower Upper
43 100
58 30.9 27.2 40.8

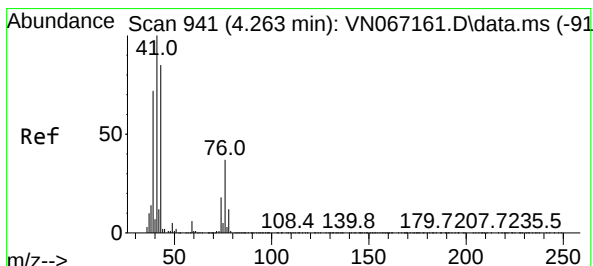
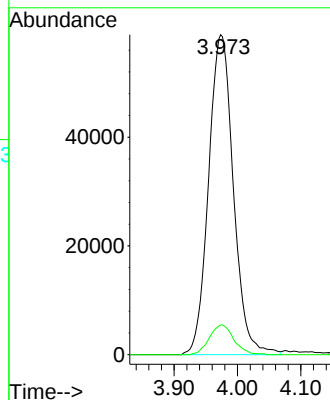
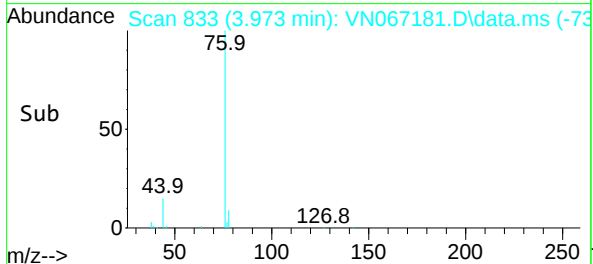




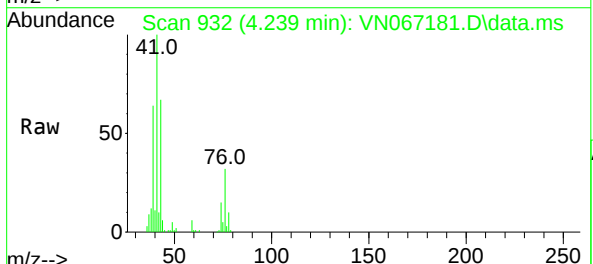
#17
Carbon Disulfide
Concen: 18.55 ug/l
RT: 3.973 min Scan# 833
Delta R.T. -0.025 min
Lab File: VN067181.D
Acq: 28 May 2021 14:28



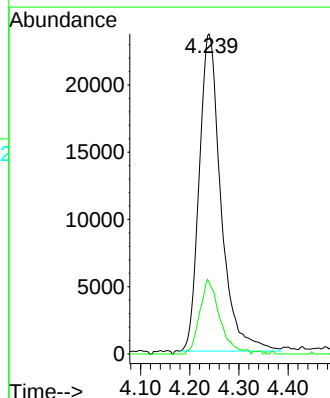
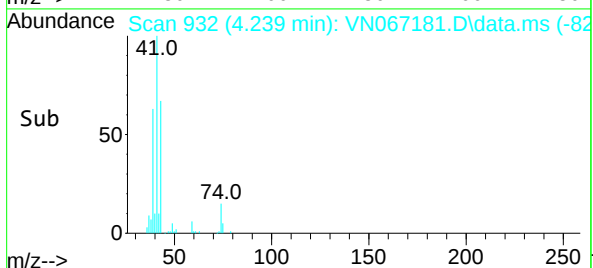
Tgt Ion: 76 Resp: 160351
Ion Ratio Lower Upper
76 100
78 9.3 7.5 11.3



#18
Methyl Acetate
Concen: 17.35 ug/l
RT: 4.239 min Scan# 932
Delta R.T. -0.024 min
Lab File: VN067181.D
Acq: 28 May 2021 14:28



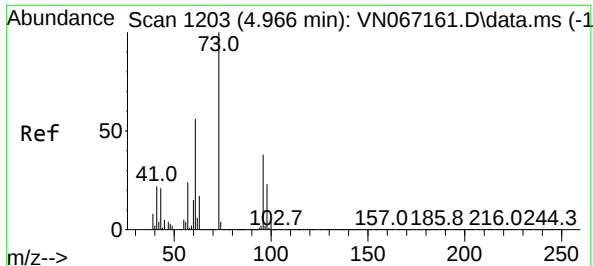
Tgt Ion: 43 Resp: 72393
Ion Ratio Lower Upper
43 100
74 21.3 21.4 32.2#



Instrument :
MSVOA_N
ClientSampleId :
VN0528WBS01

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#19

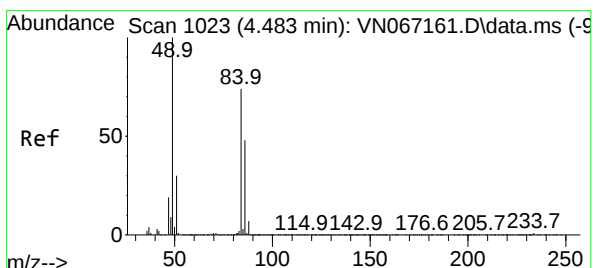
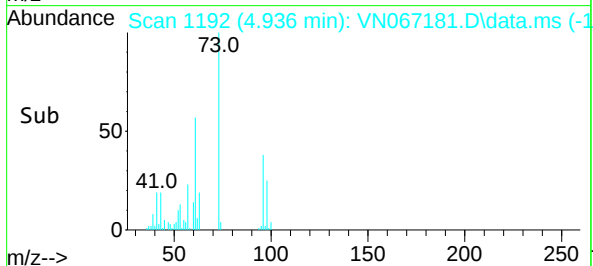
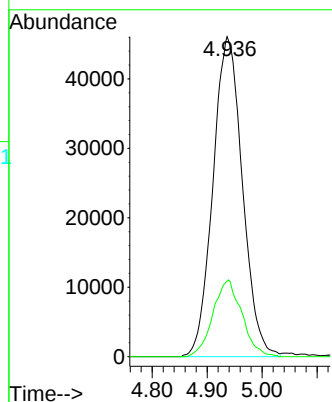
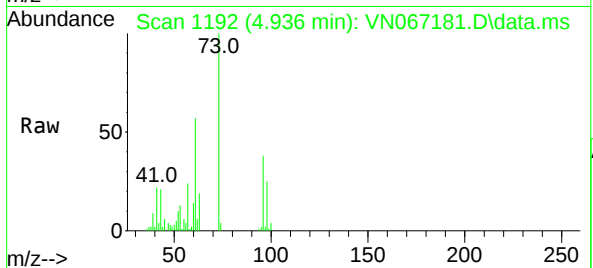
Methyl tert-butyl Ether
Concen: 18.31 ug/l
RT: 4.936 min Scan# 1192
Delta R.T. -0.030 min
Lab File: VN067181.D
Acq: 28 May 2021 14:28

Tgt Ion: 73 Resp: 171477
Ion Ratio Lower Upper
73 100
57 23.6 16.9 25.3

Instrument :
MSVOA_N
ClientSampleId :
VN0528WBS01

Manual Integrations
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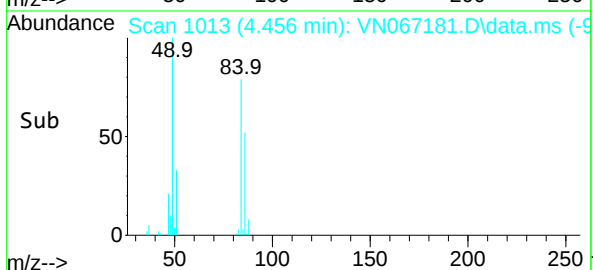
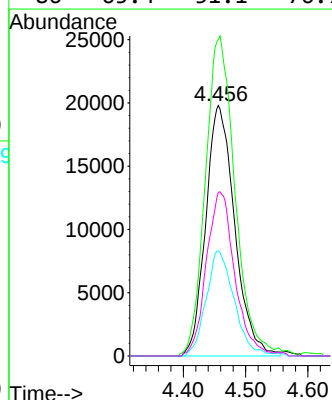
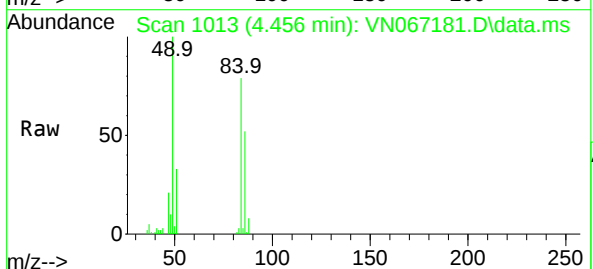
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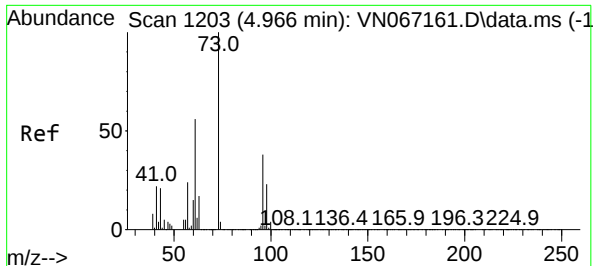


#20

Methylene Chloride
Concen: 17.41 ug/l
RT: 4.456 min Scan# 1013
Delta R.T. -0.027 min
Lab File: VN067181.D
Acq: 28 May 2021 14:28

Tgt Ion: 84 Resp: 63958
Ion Ratio Lower Upper
84 100
49 125.6 88.3 132.5
51 42.0 26.7 40.1#
86 65.4 51.1 76.7





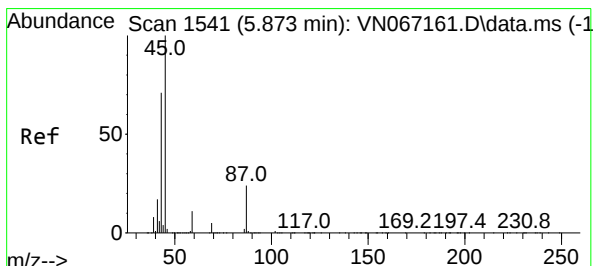
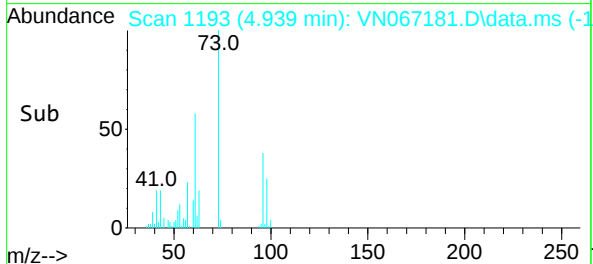
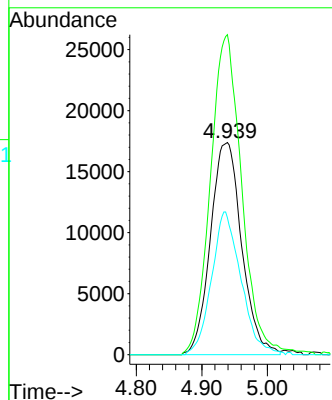
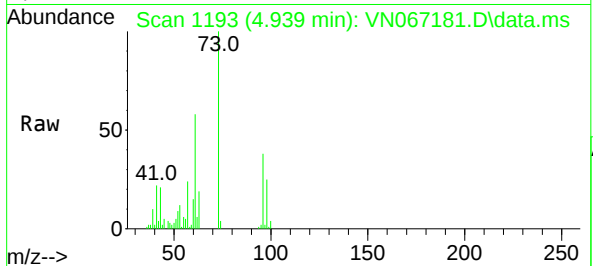
#21
trans-1,2-Dichloroethene
Concen: 18.75 ug/l
RT: 4.939 min Scan# 1193
Delta R.T. -0.027 min
Lab File: VN067181.D
Acq: 28 May 2021 14:28

Tgt Ion: 96 Resp: 57546
Ion Ratio Lower Upper
96 100
61 150.8 103.8 155.6
98 64.5 49.8 74.8

Instrument :
MSVOA_N
ClientSampleId :
VN0528WBS01

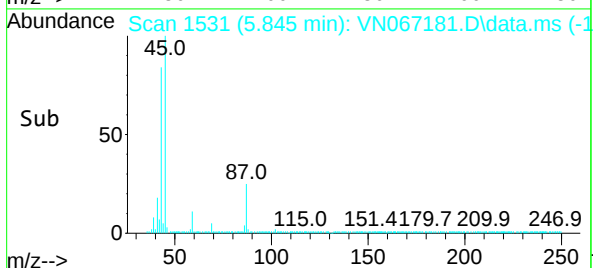
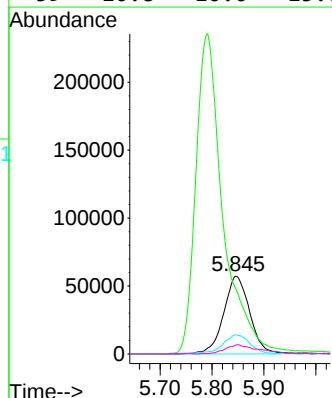
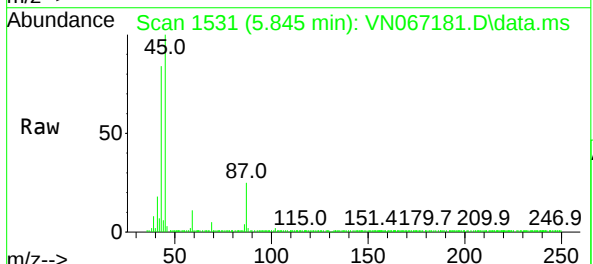
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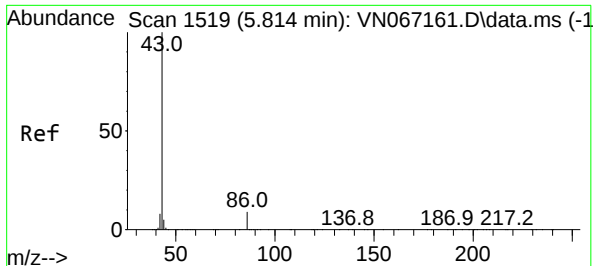
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#22
Diisopropyl ether
Concen: 18.57 ug/l
RT: 5.845 min Scan# 1531
Delta R.T. -0.028 min
Lab File: VN067181.D
Acq: 28 May 2021 14:28

Tgt Ion: 45 Resp: 198455
Ion Ratio Lower Upper
45 100
43 78.5 55.6 83.4
87 24.0 26.5 39.7#
59 10.8 10.0 15.0





#23

Vinyl Acetate

Concen: 87.47 ug/l

RT: 5.792 min Scan# 1511

Delta R.T. -0.022 min

Lab File: VN067181.D

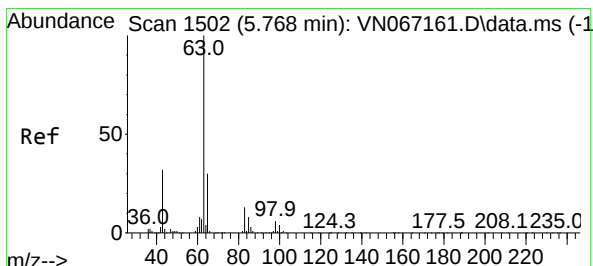
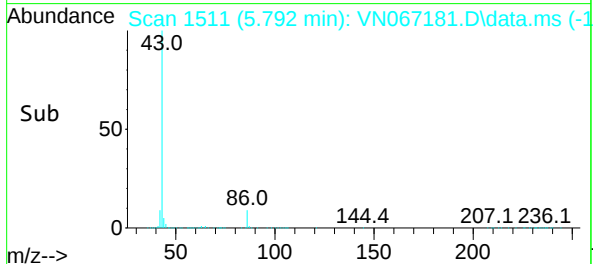
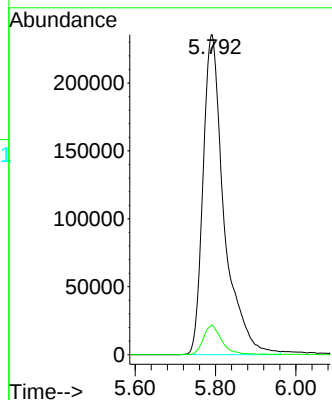
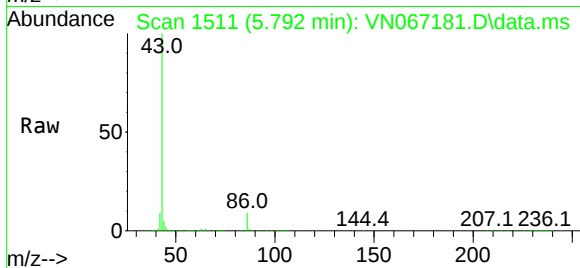
Acq: 28 May 2021 14:28

Tgt Ion: 43 Resp: 858235

Ion Ratio Lower Upper

43 100

86 9.2 9.5 14.3#



#24

1,1-Dichloroethane

Concen: 18.90 ug/l

RT: 5.741 min Scan# 1492

Delta R.T. -0.027 min

Lab File: VN067181.D

Acq: 28 May 2021 14:28

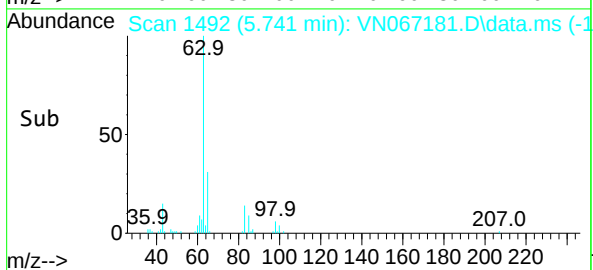
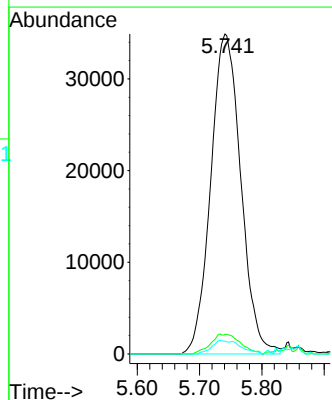
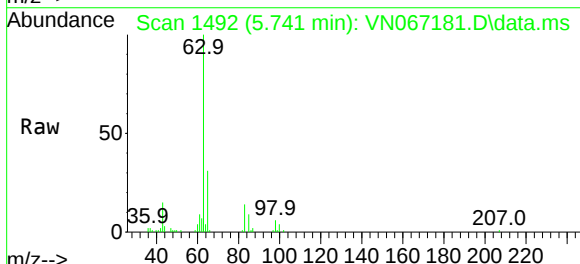
Tgt Ion: 63 Resp: 116879

Ion Ratio Lower Upper

63 100

98 6.1 3.6 10.8

100 4.0 2.3 6.8



Instrument :

MSVOA_N

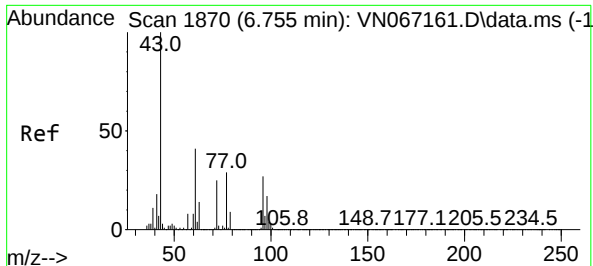
ClientSampleId :

VN0528WBS01

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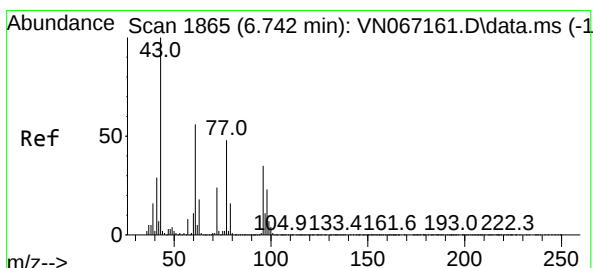
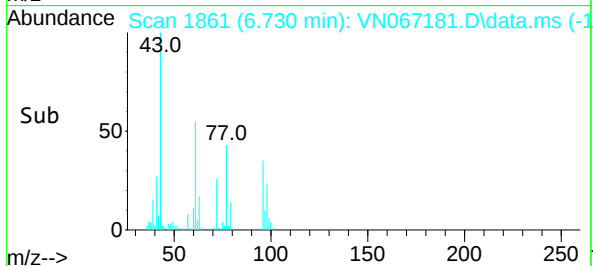
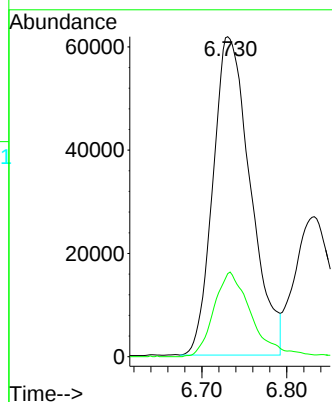
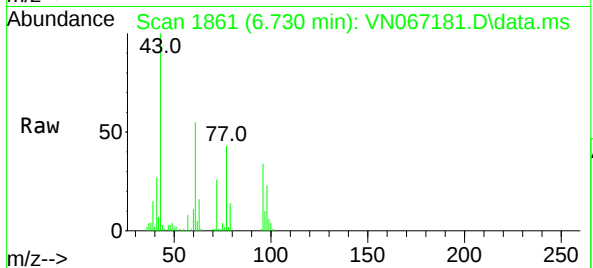
#25
2-Butanone
Concen: 79.48 ug/l
RT: 6.730 min Scan# 1861
Delta R.T. -0.025 min
Lab File: VN067181.D
Acq: 28 May 2021 14:28

Tgt Ion: 43 Resp: 188817
Ion Ratio Lower Upper
43 100
72 26.1 24.4 36.6

Instrument :
MSVOA_N
ClientSampleId :
VN0528WBS01

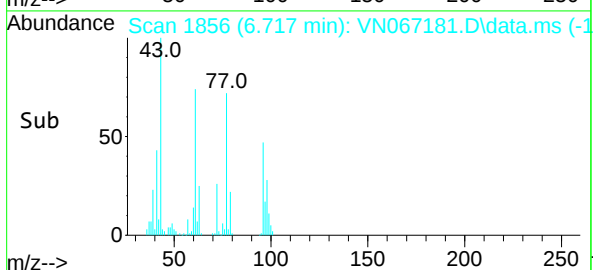
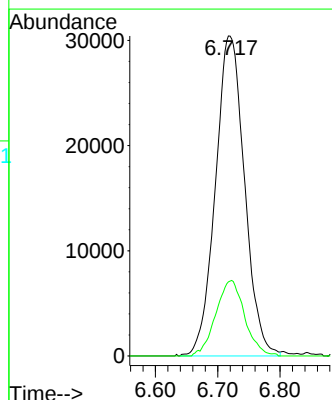
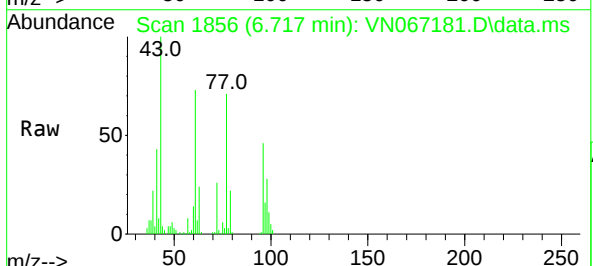
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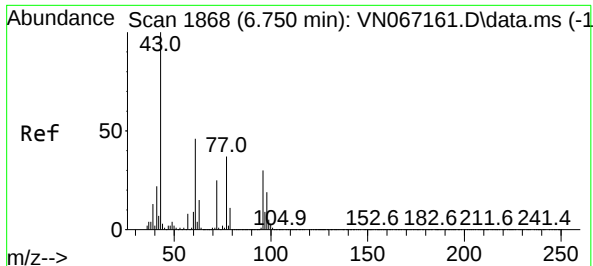
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#26
2,2-Dichloropropane
Concen: 18.81 ug/l
RT: 6.717 min Scan# 1856
Delta R.T. -0.025 min
Lab File: VN067181.D
Acq: 28 May 2021 14:28

Tgt Ion: 77 Resp: 98835
Ion Ratio Lower Upper
77 100
97 23.4 12.0 36.0





#27

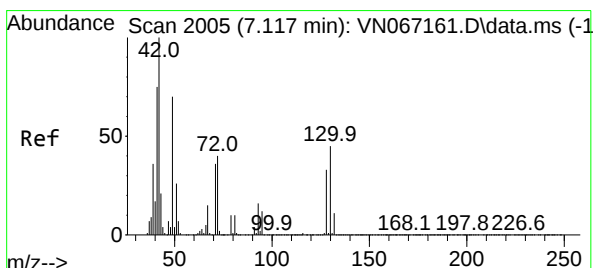
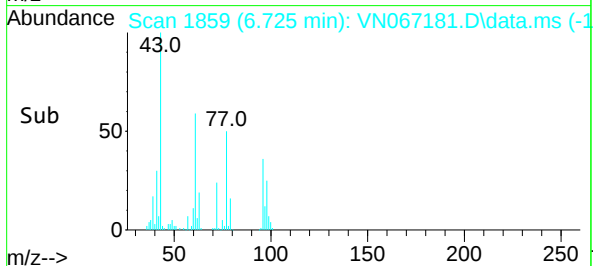
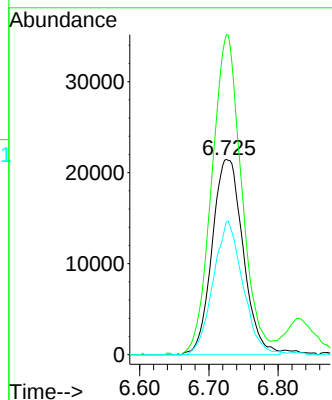
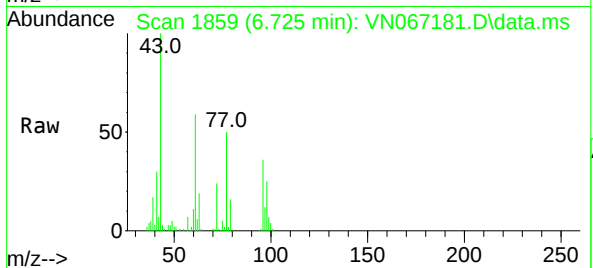
cis-1,2-Dichloroethene
Concen: 18.70 ug/l
RT: 6.725 min Scan# 1859
Delta R.T. -0.025 min
Lab File: VN067181.D
Acq: 28 May 2021 14:28

Tgt Ion	Ratio	Lower	Upper
96	100		
61	157.1	0.0	272.4
98	65.6	0.0	130.4

Instrument :
MSVOA_N
ClientSampleId :
VN0528WBS01

Manual Integrations
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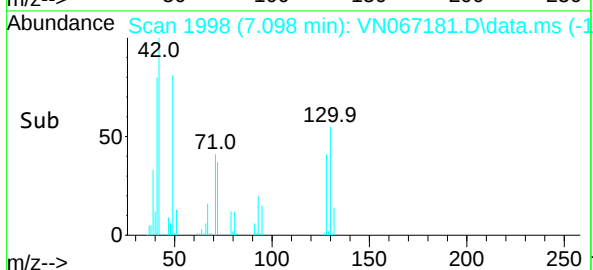
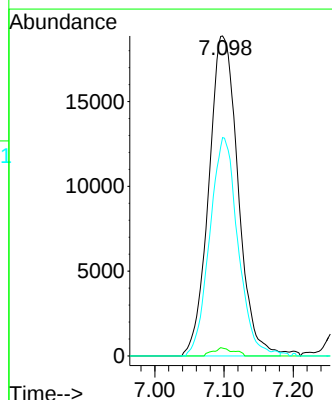
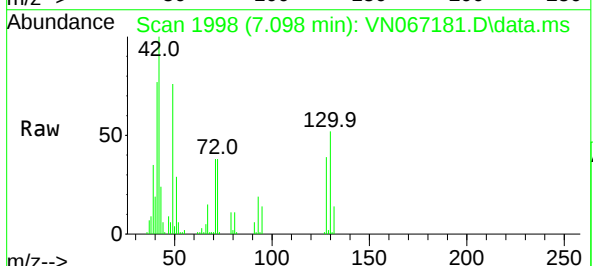
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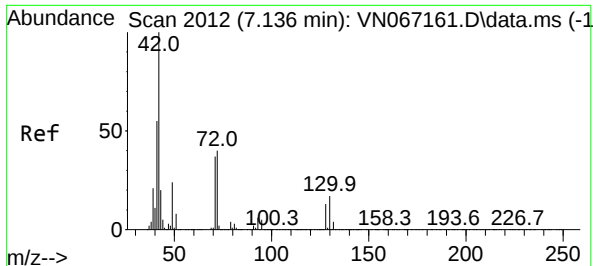


#28

Bromochloromethane
Concen: 18.50 ug/l
RT: 7.098 min Scan# 1998
Delta R.T. -0.019 min
Lab File: VN067181.D
Acq: 28 May 2021 14:28

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.4	0.0	4.8
130	65.6	76.4	114.6#





#29

Tetrahydrofuran

Concen: 78.44 ug/l

RT: 7.114 min Scan# 2004

Delta R.T. -0.022 min

Lab File: VN067181.D

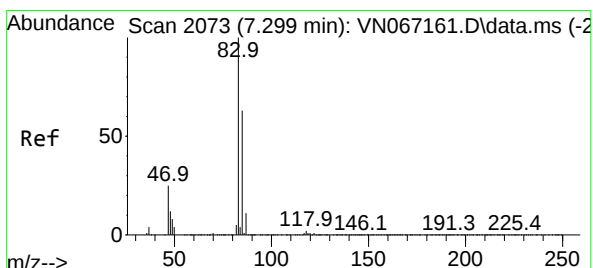
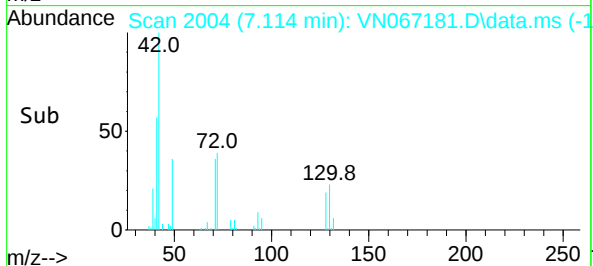
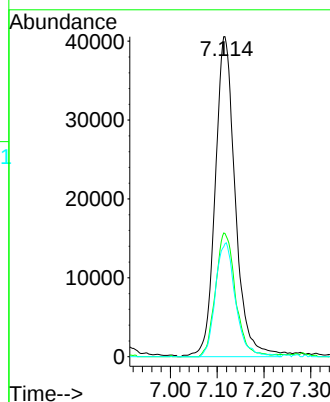
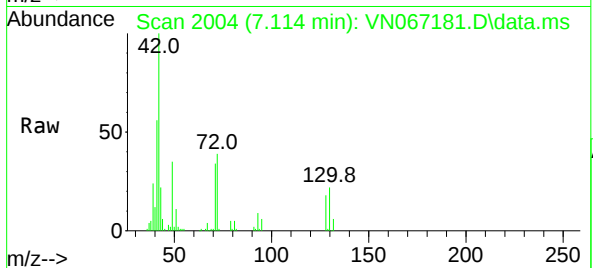
Acq: 28 May 2021 14:28

Tgt Ion:	42	Resp:	120888
Ion	Ratio	Lower	Upper
42	100		
72	38.7	40.1	60.1#
71	35.5	37.9	56.9#

Instrument :
MSVOA_N
ClientSampleId :
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#30

Chloroform

Concen: 18.34 ug/l

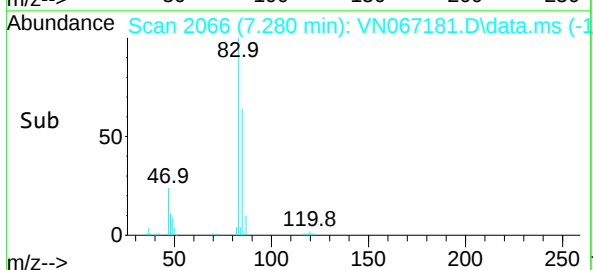
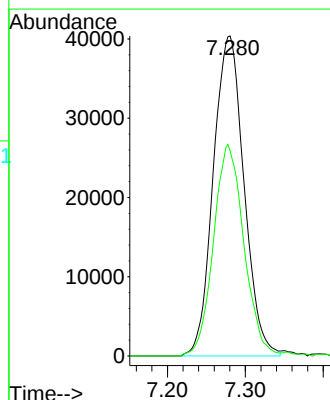
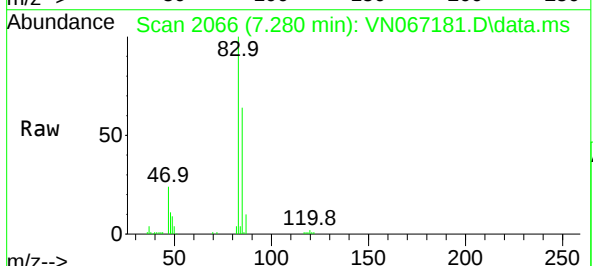
RT: 7.280 min Scan# 2066

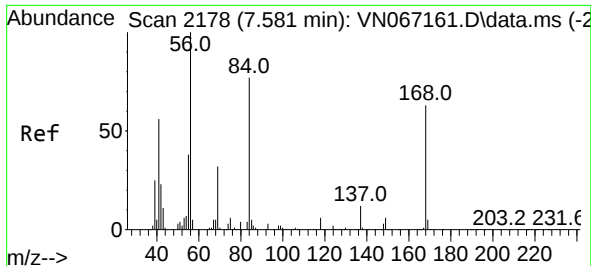
Delta R.T. -0.019 min

Lab File: VN067181.D

Acq: 28 May 2021 14:28

Tgt Ion:	83	Resp:	110587
Ion	Ratio	Lower	Upper
83	100		
85	64.1	51.2	76.8



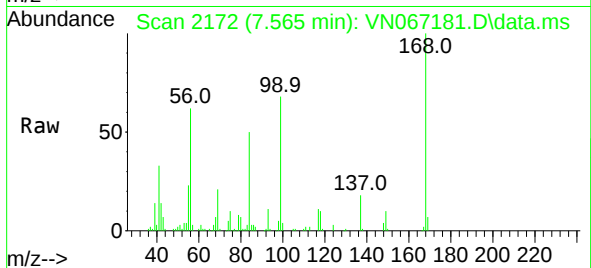


#31
Cyclohexane
Concen: 18.02 ug/l
RT: 7.565 min Scan# 2172
Delta R.T. -0.016 min
Lab File: VN067181.D
Acq: 28 May 2021 14:28

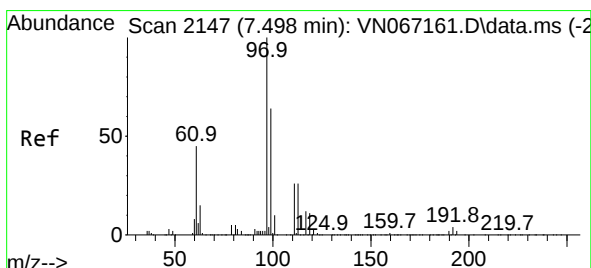
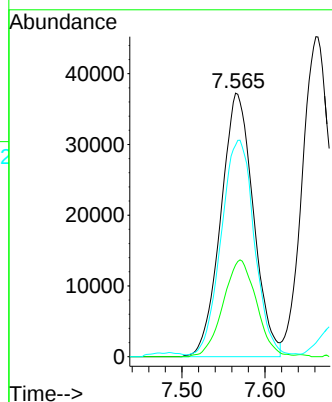
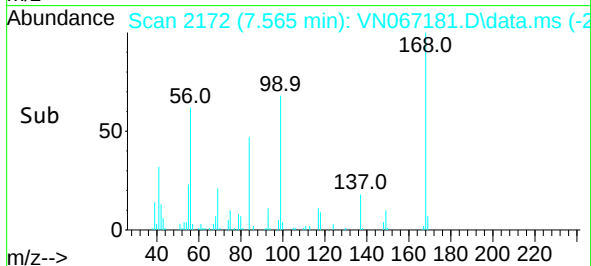
Instrument :
MSVOA_N
ClientSampleId :
VN0528WBS01

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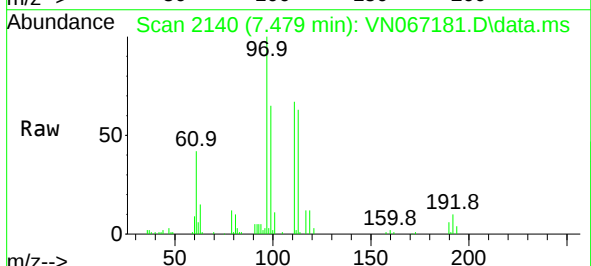
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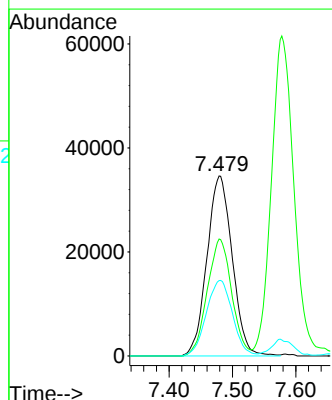
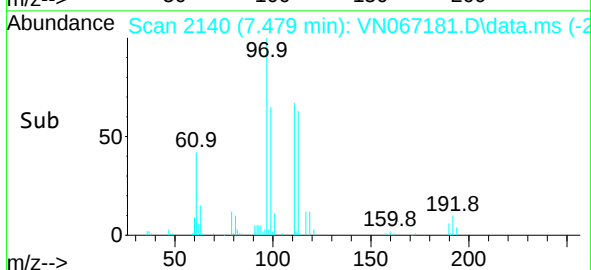
Tgt Ion: 56 Resp: 101396
Ion Ratio Lower Upper
56 100
69 34.8 28.0 42.0
84 79.1 74.2 111.2

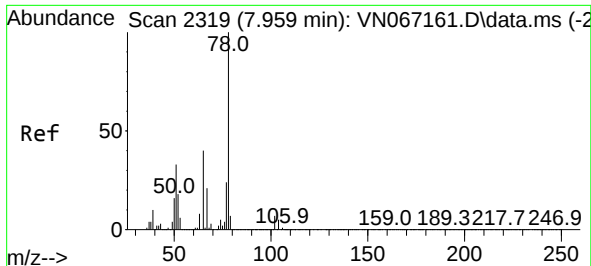


#32
1,1,1-Trichloroethane
Concen: 18.64 ug/l
RT: 7.479 min Scan# 2140
Delta R.T. -0.019 min
Lab File: VN067181.D
Acq: 28 May 2021 14:28



Tgt Ion: 97 Resp: 96215
Ion Ratio Lower Upper
97 100
99 62.6 50.7 76.1
61 43.3 31.6 47.4





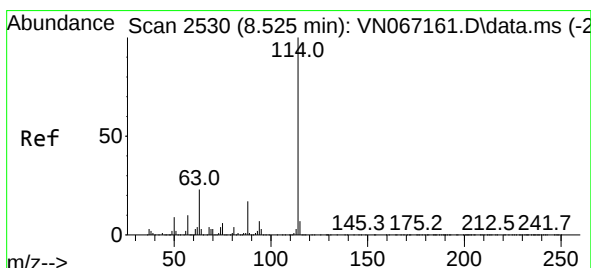
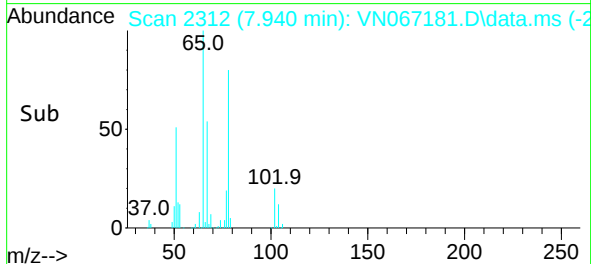
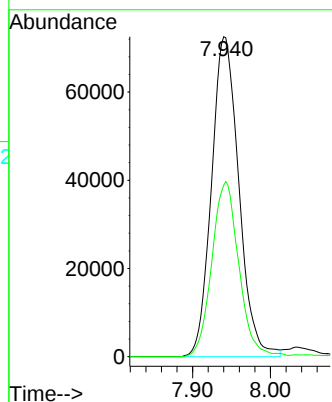
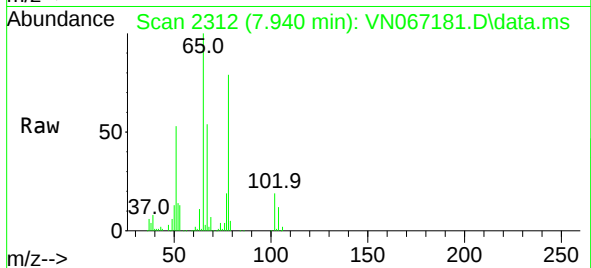
#33
 1,2-Dichloroethane-d4
 Concen: 48.61 ug/l
 RT: 7.940 min Scan# 2312
 Delta R.T. -0.019 min
 Lab File: VN067181.D
 Acq: 28 May 2021 14:28

Tgt Ion: 65 Resp: 176732
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 110.4

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0528WBS01

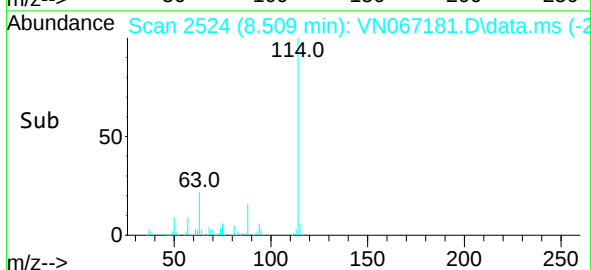
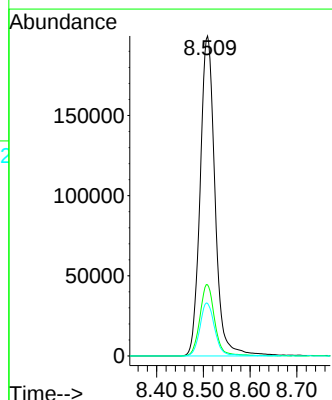
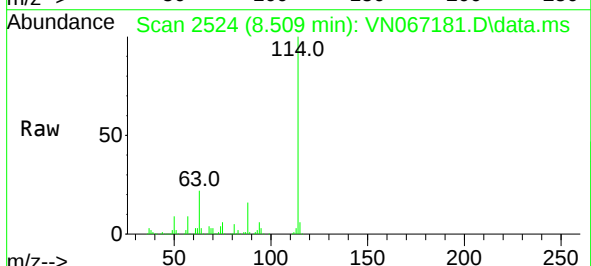
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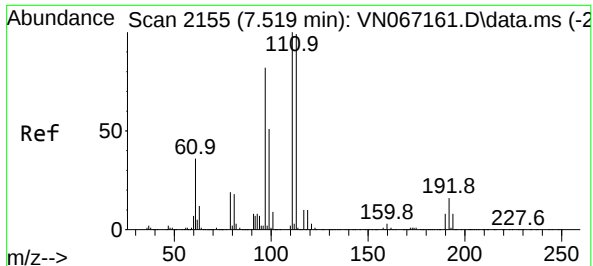
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.509 min Scan# 2524
 Delta R.T. -0.016 min
 Lab File: VN067181.D
 Acq: 28 May 2021 14:28

Tgt Ion: 114 Resp: 441336
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 35.8
 88 16.5 0.0 30.4





#35

Dibromofluoromethane

Concen: 49.99 ug/l

RT: 7.500 min Scan# 2148

Delta R.T. -0.019 min

Lab File: VN067181.D

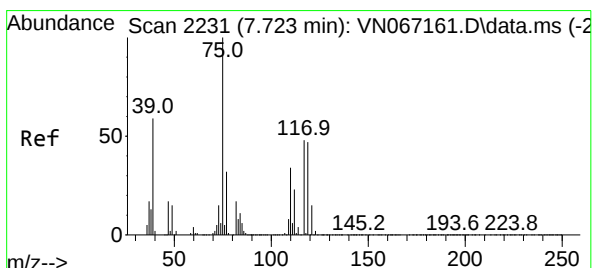
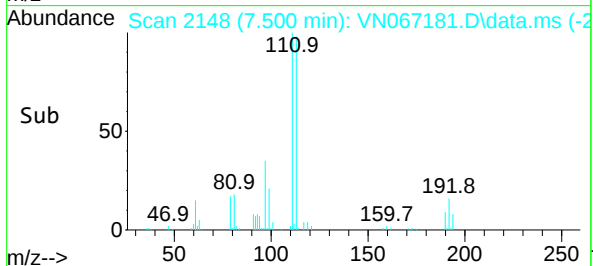
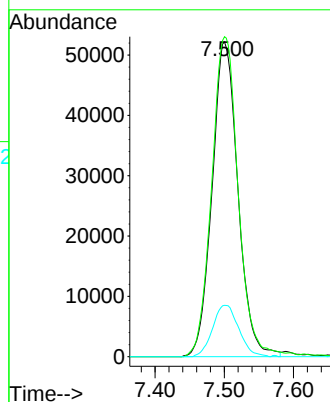
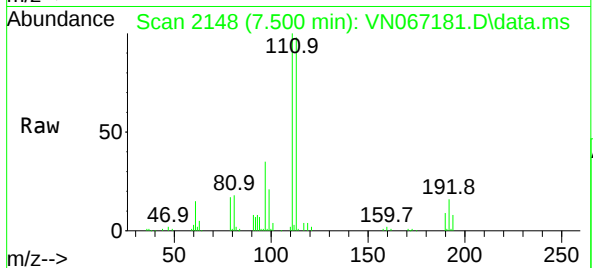
Acq: 28 May 2021 14:28

Tgt Ion:	113	Resp:	135395
Ion Ratio	Lower	Upper	
113	100		
111	104.0	82.6	124.0
192	16.5	18.2	27.4#

Instrument :
MSVOA_N
ClientSampleId :
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#36

1,1-Dichloropropene

Concen: 18.56 ug/l

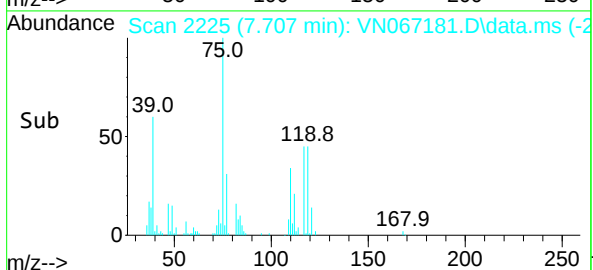
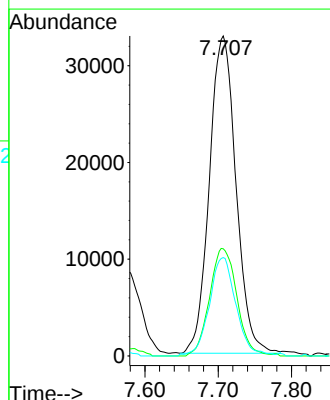
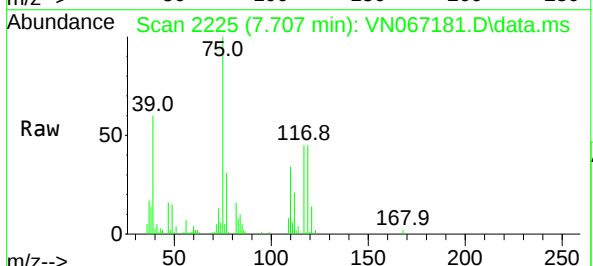
RT: 7.707 min Scan# 2225

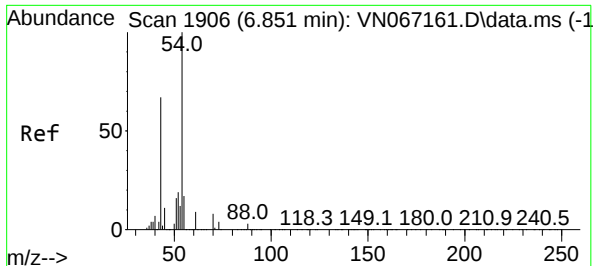
Delta R.T. -0.016 min

Lab File: VN067181.D

Acq: 28 May 2021 14:28

Tgt Ion:	75	Resp:	82820
Ion Ratio	Lower	Upper	
75	100		
110	34.8	19.1	57.3
77	31.0	24.8	37.2





#37

Ethyl Acetate

Concen: 16.21 ug/l

RT: 6.832 min Scan# 1899

Delta R.T. -0.019 min

Lab File: VN067181.D

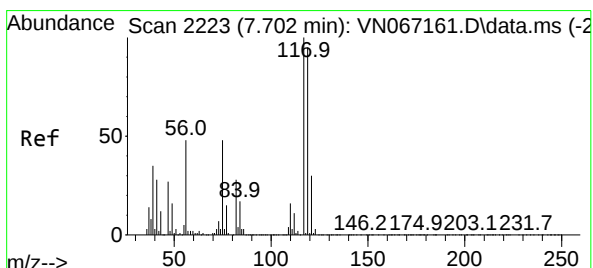
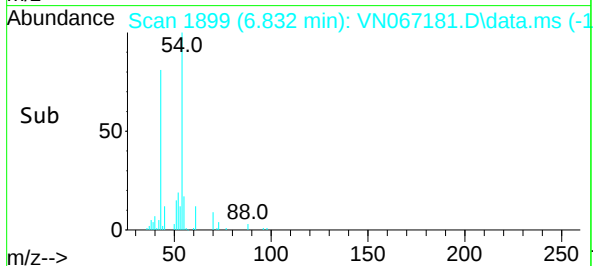
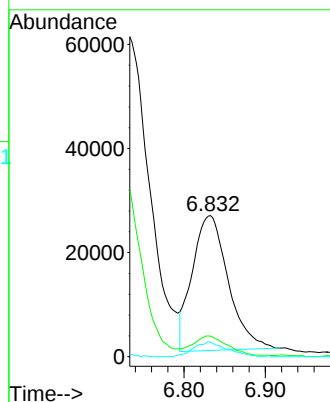
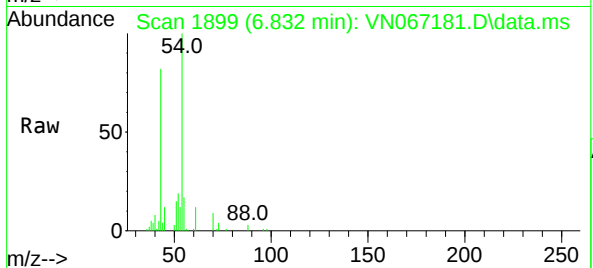
Acq: 28 May 2021 14:28

Tgt Ion:	43	Resp:	79746
Ion	Ratio	Lower	Upper
43	100		
61	13.6	13.0	19.4
70	10.1	9.2	13.8

Instrument :
MSVOA_N
ClientSampleId :
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#38

Carbon Tetrachloride

Concen: 17.88 ug/l

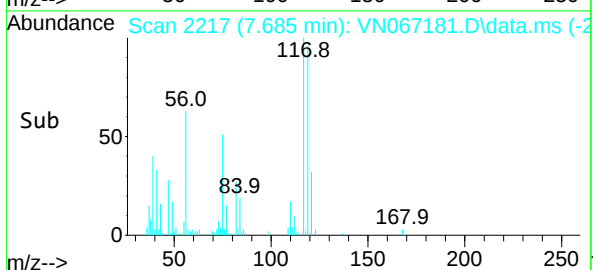
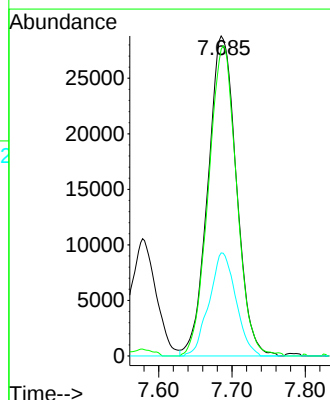
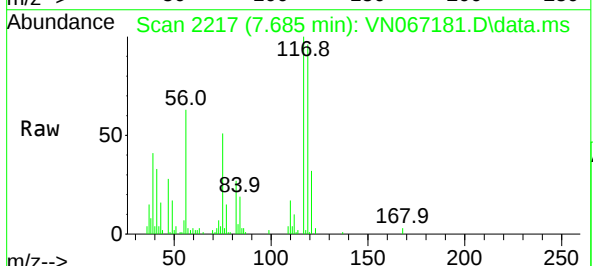
RT: 7.685 min Scan# 2217

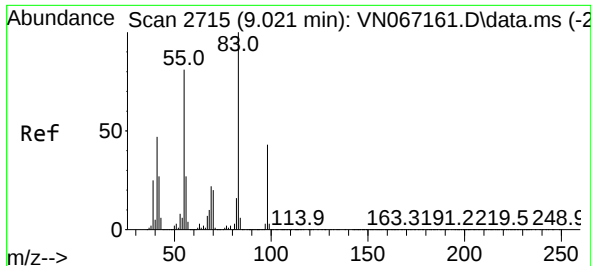
Delta R.T. -0.017 min

Lab File: VN067181.D

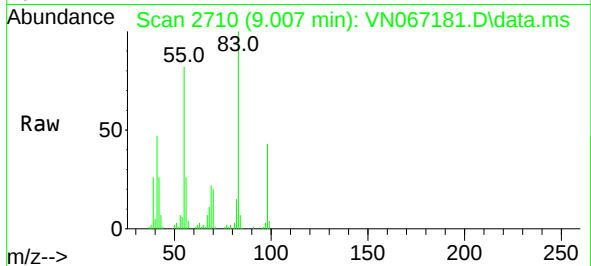
Acq: 28 May 2021 14:28

Tgt Ion:	117	Resp:	77737
Ion	Ratio	Lower	Upper
117	100		
119	95.8	78.2	117.2
121	32.2	24.7	37.1

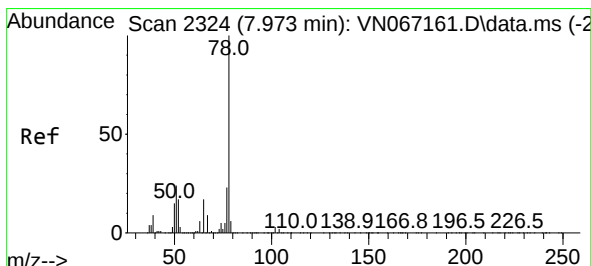
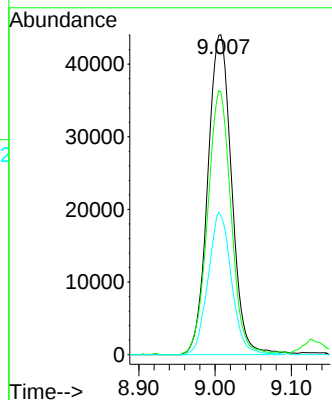
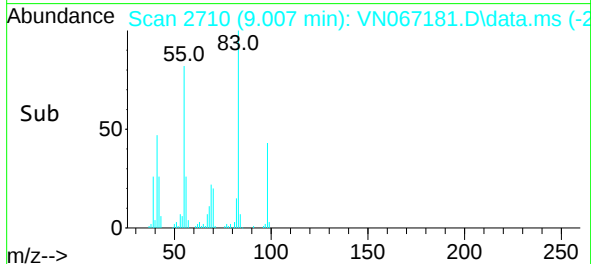




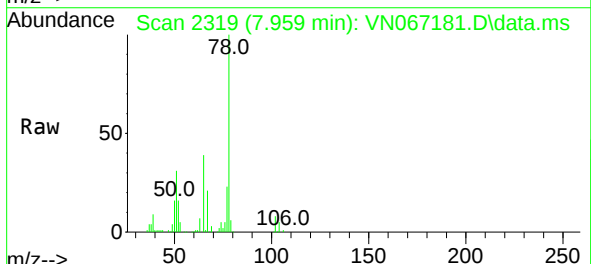
#39
Methylcyclohexane
Concen: 19.56 ug/l
RT: 9.007 min Scan# 2710
Delta R.T. -0.014 min
Lab File: VN067181.D
Acq: 28 May 2021 14:28



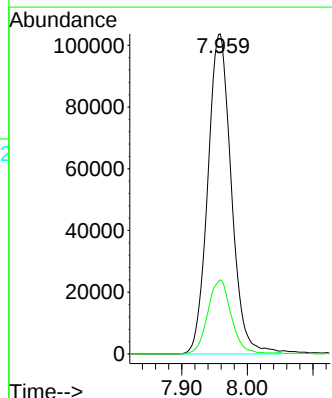
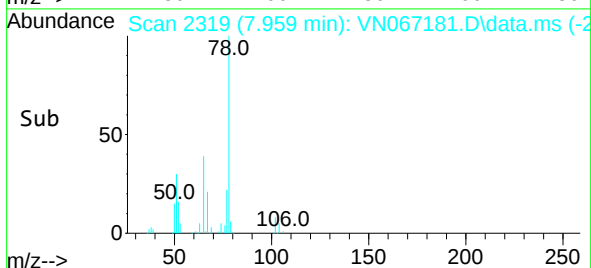
Tgt Ion: 83 Resp: 95897
Ion Ratio Lower Upper
83 100
55 82.2 56.2 84.2
98 43.5 36.8 55.2



#40
Benzene
Concen: 18.90 ug/l
RT: 7.959 min Scan# 2319
Delta R.T. -0.014 min
Lab File: VN067181.D
Acq: 28 May 2021 14:28



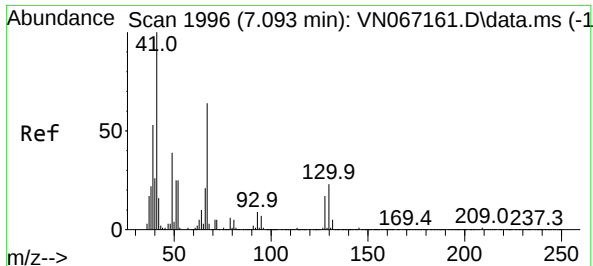
Tgt Ion: 78 Resp: 257828
Ion Ratio Lower Upper
78 100
77 23.2 18.4 27.6



Instrument :
MSVOA_N
ClientSampleId :
VN0528WBS01

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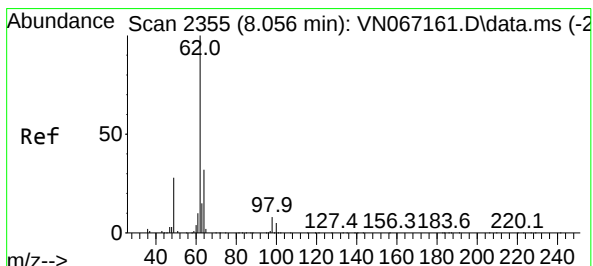
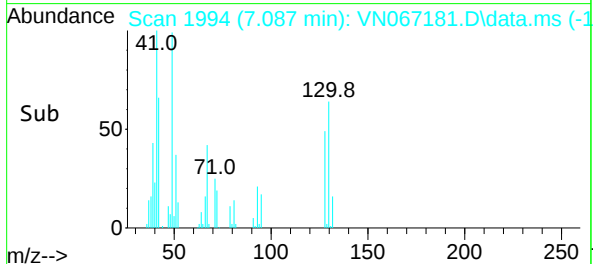
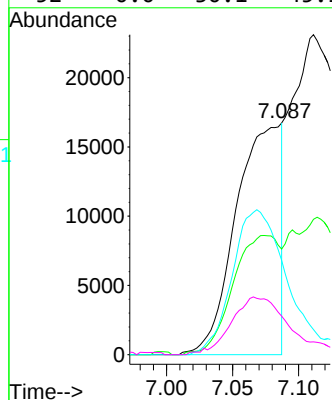
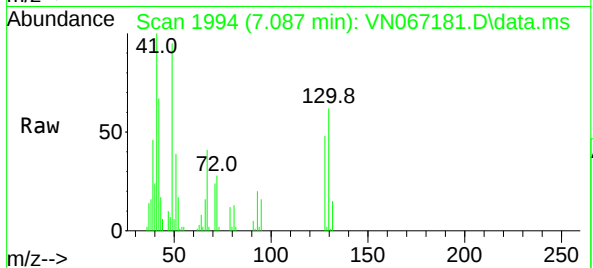
#41
Methacrylonitrile
Concen: 16.79 ug/l m
RT: 7.087 min Scan# 1994
Delta R.T. -0.006 min
Lab File: VN067181.D
Acq: 28 May 2021 14:28

Tgt Ion:	41	Resp:	39606
Ion Ratio	Lower	Upper	
41	100		
39	0.0	45.3	67.9#
67	0.0	85.1	127.7#
52	0.0	30.1	45.1#

Instrument :
MSVOA_N
ClientSampleId :
VN0528WBS01

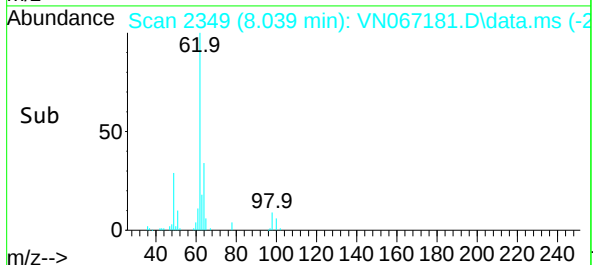
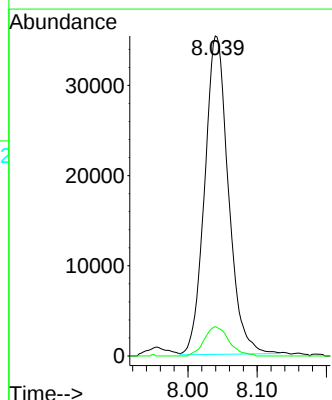
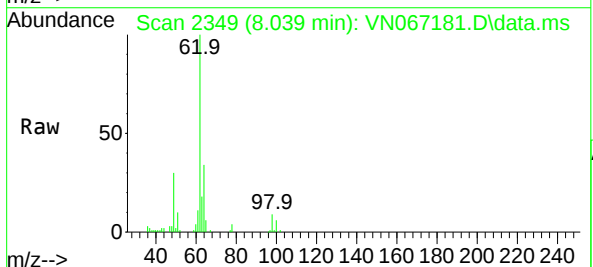
Manual Integrations
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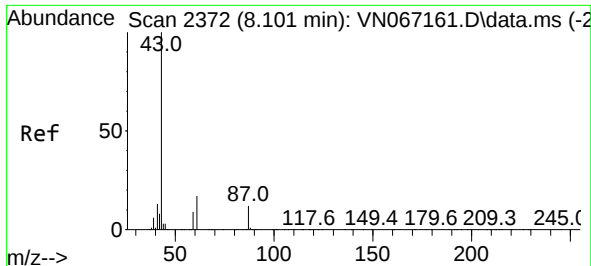
MMDadoda
6/1/2021 12:13:30 PM



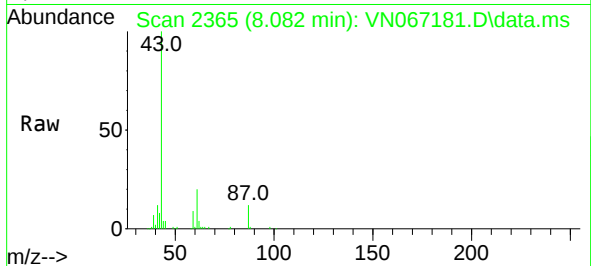
#42
1,2-Dichloroethane
Concen: 18.14 ug/l
RT: 8.039 min Scan# 2349
Delta R.T. -0.017 min
Lab File: VN067181.D
Acq: 28 May 2021 14:28

Tgt Ion:	62	Resp:	84231
Ion Ratio	Lower	Upper	
62	100		
98	9.6	0.0	20.2

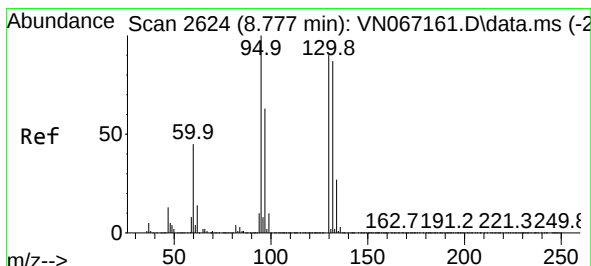
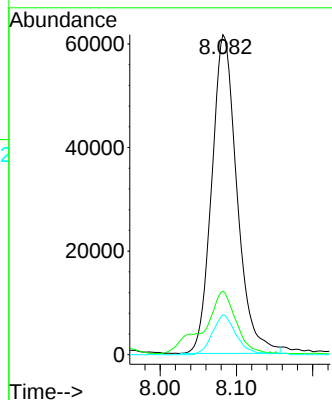
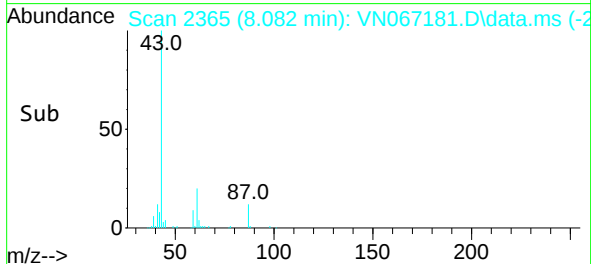




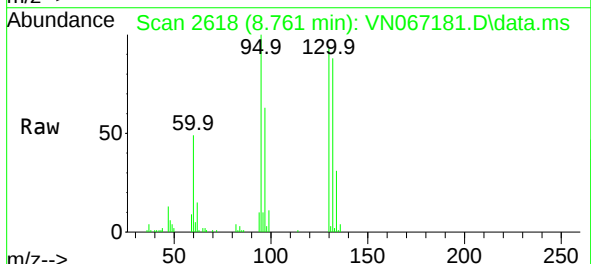
#43
Isopropyl Acetate
Concen: 16.56 ug/l
RT: 8.082 min Scan# 2365
Delta R.T. -0.019 min
Lab File: VN067181.D
Acq: 28 May 2021 14:28



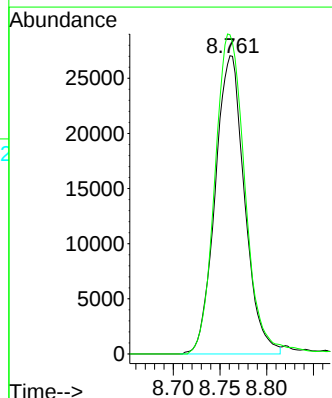
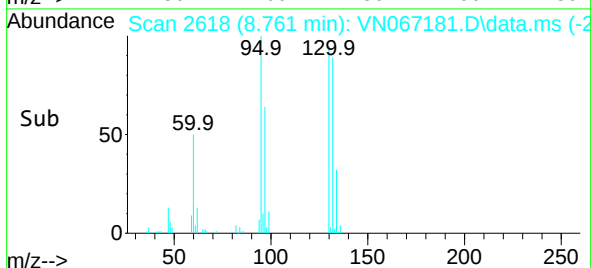
Tgt Ion: 43 Resp: 141351
Ion Ratio Lower Upper
43 100
61 24.6 23.4 35.0
87 11.8 12.2 18.2#



#44
Trichloroethene
Concen: 19.39 ug/l
RT: 8.761 min Scan# 2618
Delta R.T. -0.016 min
Lab File: VN067181.D
Acq: 28 May 2021 14:28



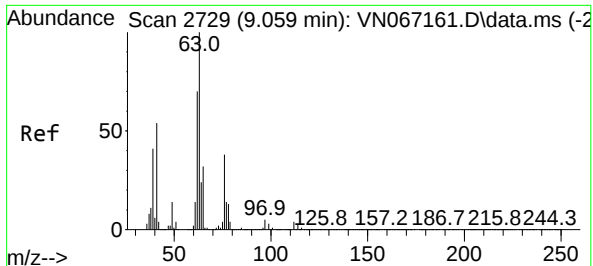
Tgt Ion: 130 Resp: 59211
Ion Ratio Lower Upper
130 100
95 107.0 0.0 182.4



Instrument :
MSVOA_N
ClientSampleId :
VN0528WBS01

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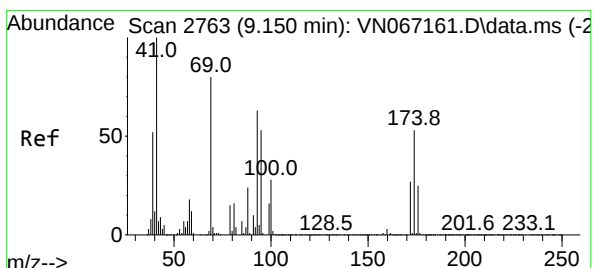
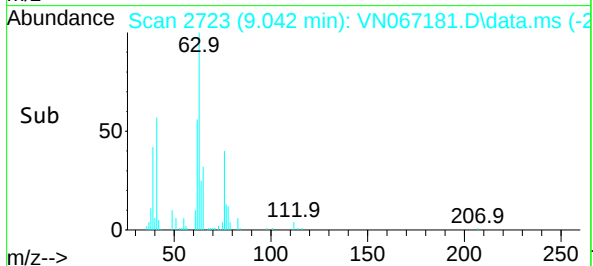
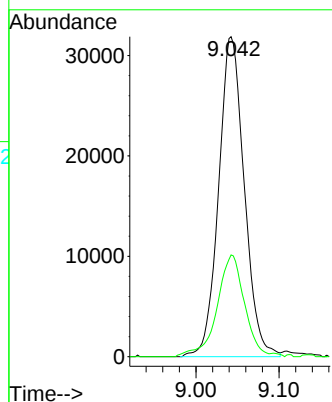
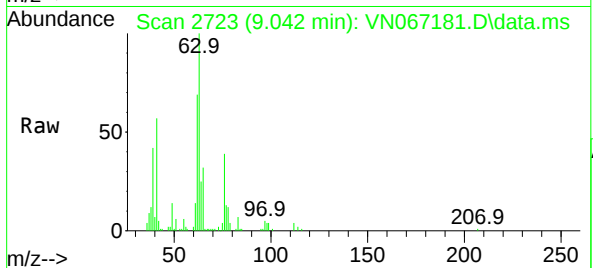
#45
1,2-Dichloropropane
Concen: 18.37 ug/l
RT: 9.042 min Scan# 2723
Delta R.T. -0.017 min
Lab File: VN067181.D
Acq: 28 May 2021 14:28

Tgt Ion: 63 Resp: 68393
Ion Ratio Lower Upper
63 100
65 31.1 23.9 35.9

Instrument :
MSVOA_N
ClientSampleId :
VN0528WBS01

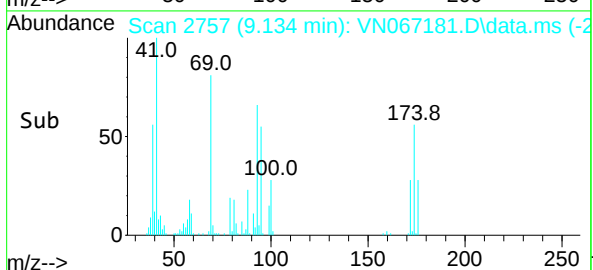
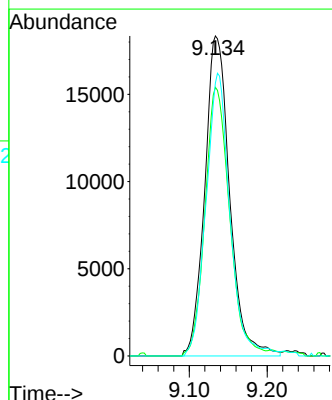
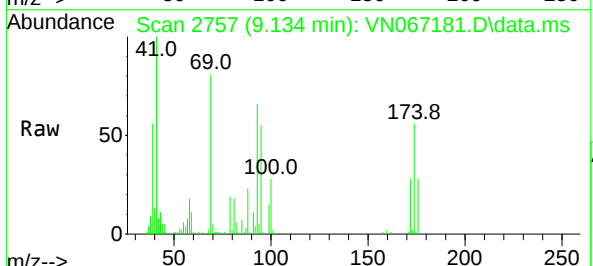
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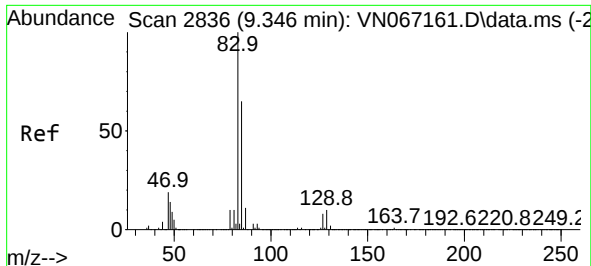
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#46
Dibromomethane
Concen: 17.94 ug/l
RT: 9.134 min Scan# 2757
Delta R.T. -0.016 min
Lab File: VN067181.D
Acq: 28 May 2021 14:28

Tgt Ion: 93 Resp: 40891
Ion Ratio Lower Upper
93 100
95 82.7 67.8 101.6
174 83.7 93.4 140.0#





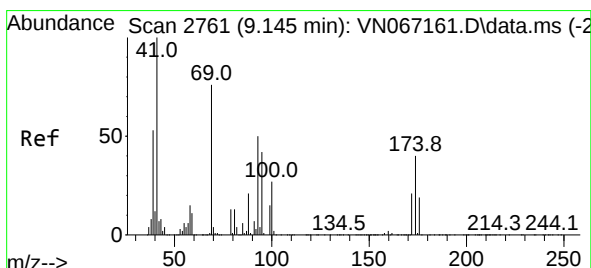
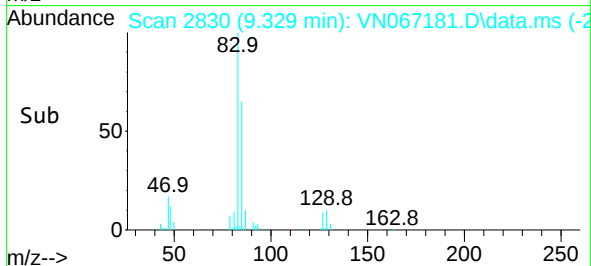
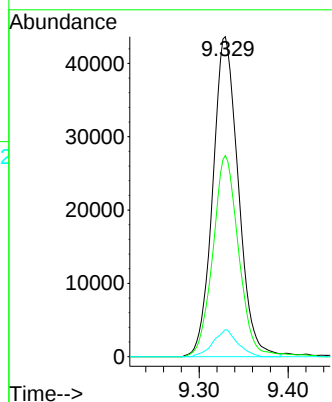
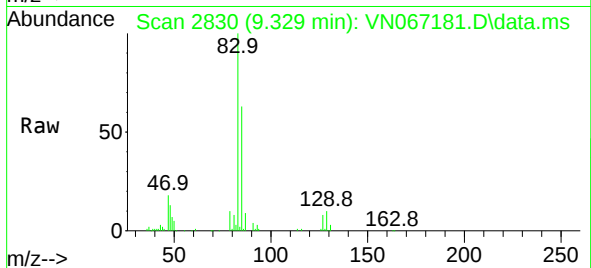
#47
Bromodichloromethane
Concen: 18.35 ug/l
RT: 9.329 min Scan# 2830
Delta R.T. -0.017 min
Lab File: VN067181.D
Acq: 28 May 2021 14:28

Tgt Ion:	83	Resp:	86993
Ion Ratio	Lower	Upper	
83	100		
85	62.8	51.7	77.5
127	8.5	7.4	11.0

Instrument :
MSVOA_N
ClientSampleId :
VN0528WBS01

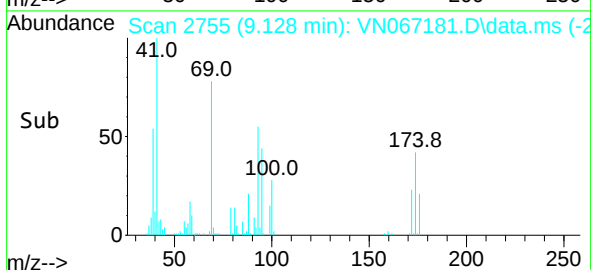
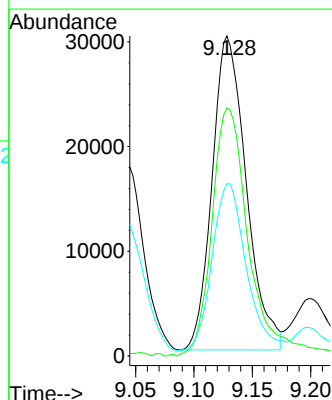
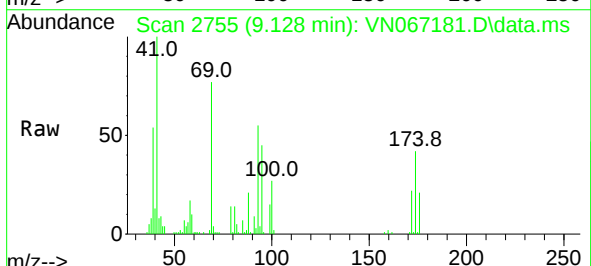
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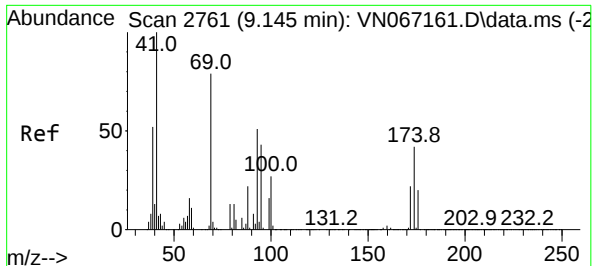
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#48
Methyl methacrylate
Concen: 16.06 ug/l
RT: 9.128 min Scan# 2755
Delta R.T. -0.017 min
Lab File: VN067181.D
Acq: 28 May 2021 14:28

Tgt Ion:	41	Resp:	60897
Ion Ratio	Lower	Upper	
41	100		
69	85.4	80.5	120.7
39	53.3	41.4	62.0





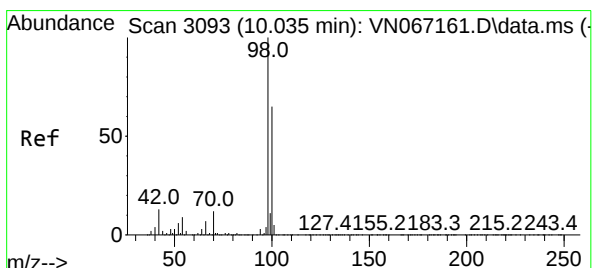
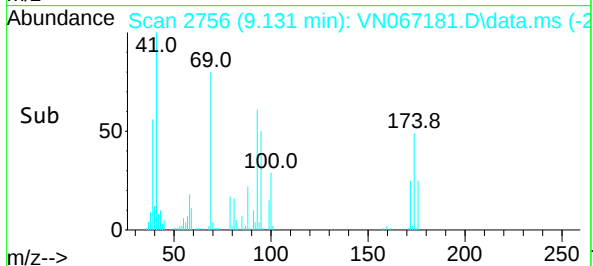
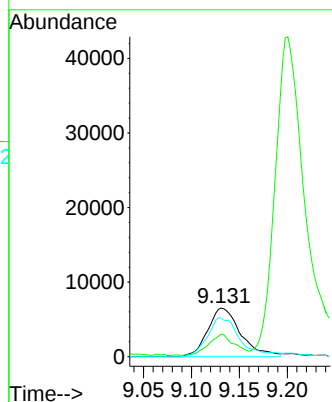
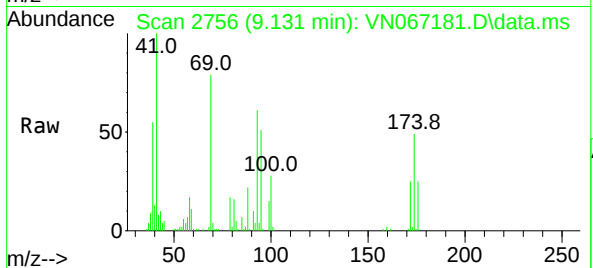
#49
1,4-Dioxane
Concen: 330.01 ug/l
RT: 9.131 min Scan# 2756
Delta R.T. -0.014 min
Lab File: VN067181.D
Acq: 28 May 2021 14:28

Tgt Ion: 88 Resp: 15567
Ion Ratio Lower Upper
88 100
43 33.6 21.8 32.8#
58 76.3 50.8 76.2#

Instrument :
MSVOA_N
ClientSampleId :
VN0528WBS01

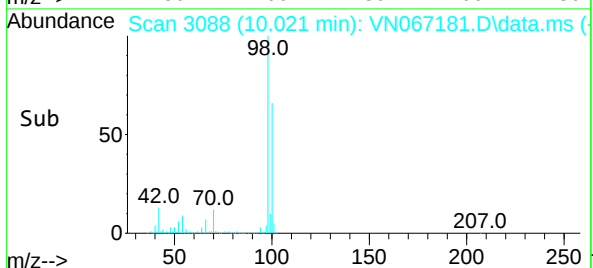
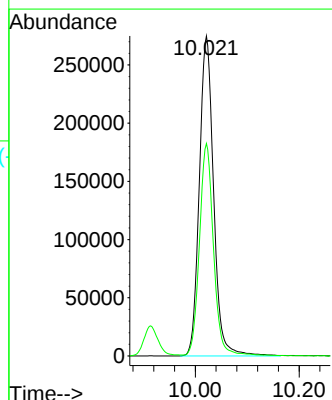
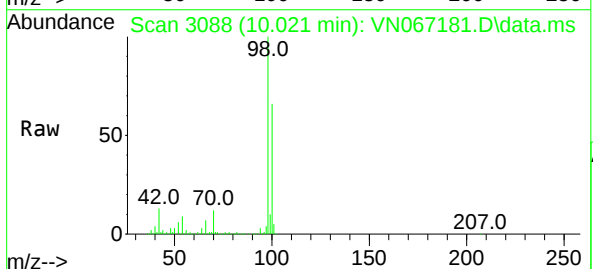
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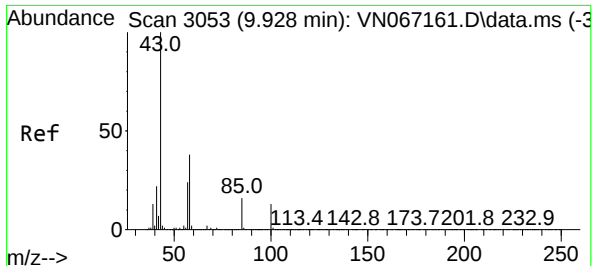
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#50
Toluene-d8
Concen: 50.45 ug/l
RT: 10.021 min Scan# 3088
Delta R.T. -0.014 min
Lab File: VN067181.D
Acq: 28 May 2021 14:28

Tgt Ion: 98 Resp: 525873
Ion Ratio Lower Upper
98 100
100 64.5 51.8 77.8





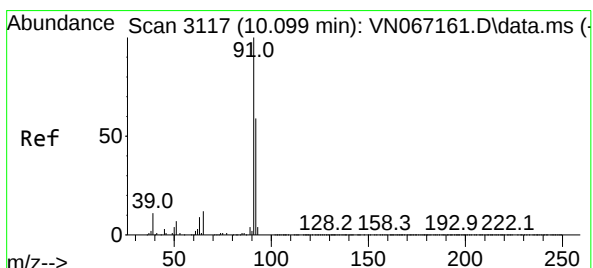
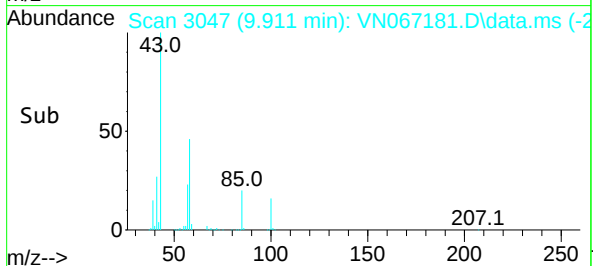
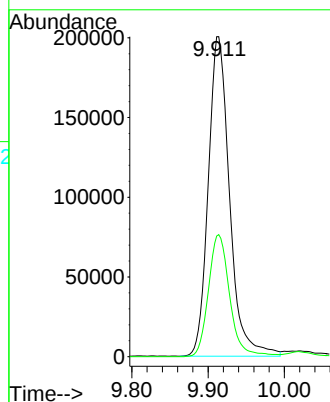
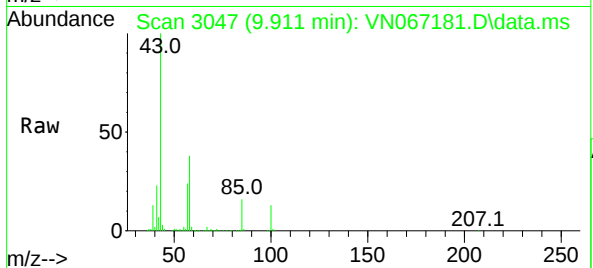
#51
4-Methyl-2-Pentanone
Concen: 82.34 ug/l
RT: 9.911 min Scan# 3047
Delta R.T. -0.017 min
Lab File: VN067181.D
Acq: 28 May 2021 14:28

Tgt Ion: 43 Resp: 389248
Ion Ratio Lower Upper
43 100
58 38.2 34.5 51.7

Instrument :
MSVOA_N
ClientSampleId :
VN0528WBS01

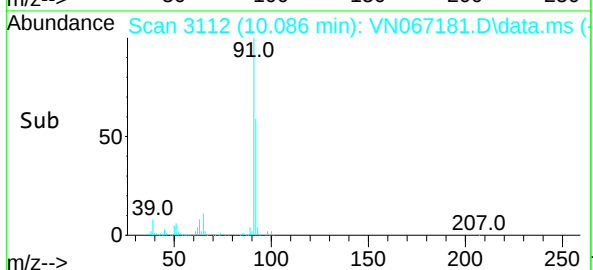
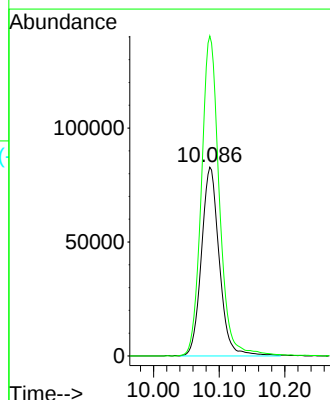
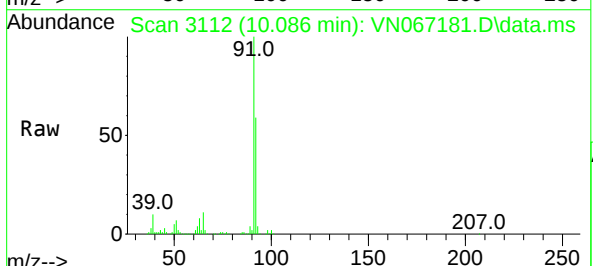
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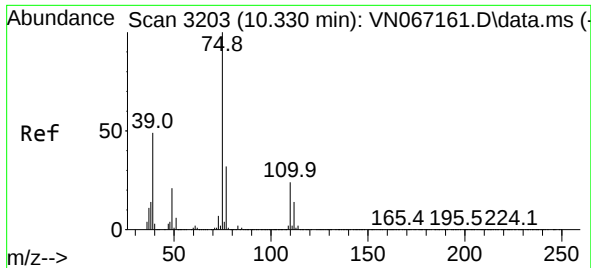
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6/1/2021 12:13:30 PM



#52
Toluene
Concen: 19.07 ug/l
RT: 10.086 min Scan# 3112
Delta R.T. -0.013 min
Lab File: VN067181.D
Acq: 28 May 2021 14:28

Tgt Ion: 92 Resp: 156734
Ion Ratio Lower Upper
92 100
91 170.6 138.7 208.1





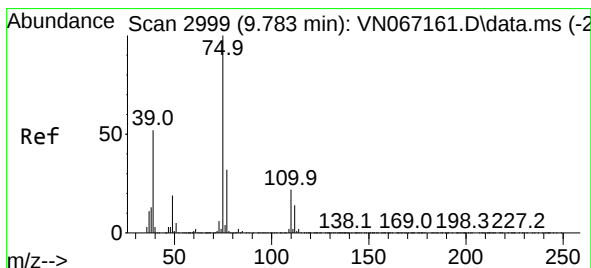
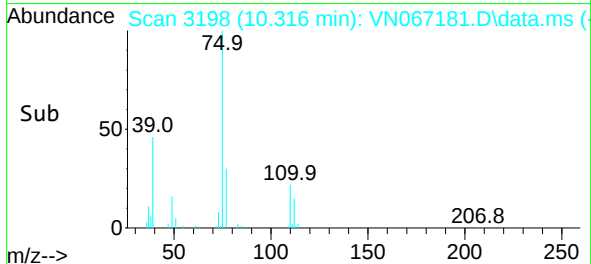
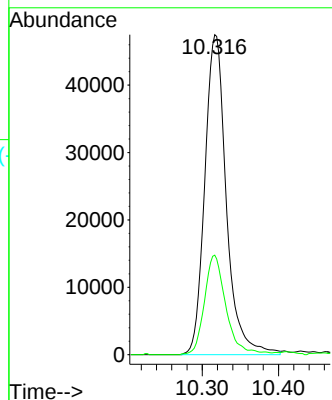
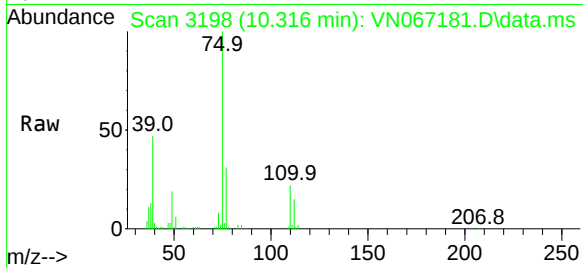
#53
t-1,3-Dichloropropene
Concen: 18.45 ug/l
RT: 10.316 min Scan# 3198
Delta R.T. -0.014 min
Lab File: VN067181.D
Acq: 28 May 2021 14:28

Tgt Ion: 75 Resp: 93119
Ion Ratio Lower Upper
75 100
77 31.1 25.5 38.3

Instrument :
MSVOA_N
ClientSampleId :
VN0528WBS01

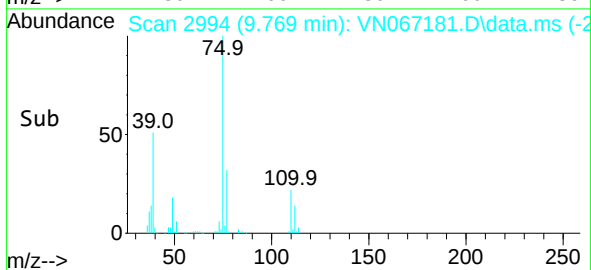
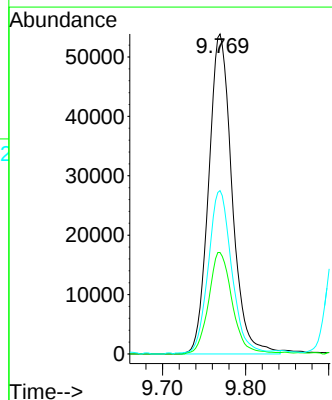
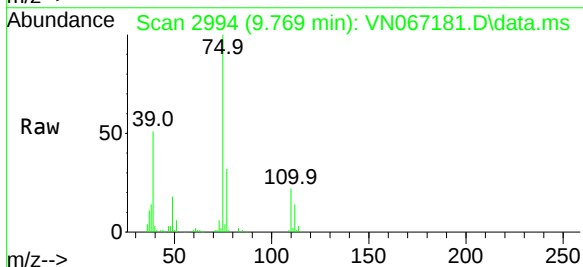
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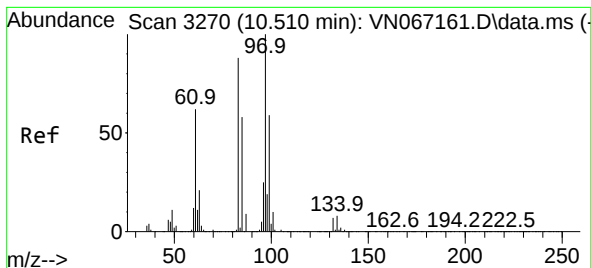
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#54
cis-1,3-Dichloropropene
Concen: 18.58 ug/l
RT: 9.769 min Scan# 2994
Delta R.T. -0.014 min
Lab File: VN067181.D
Acq: 28 May 2021 14:28

Tgt Ion: 75 Resp: 105175
Ion Ratio Lower Upper
75 100
77 31.7 25.1 37.7
39 50.7 30.9 46.3#





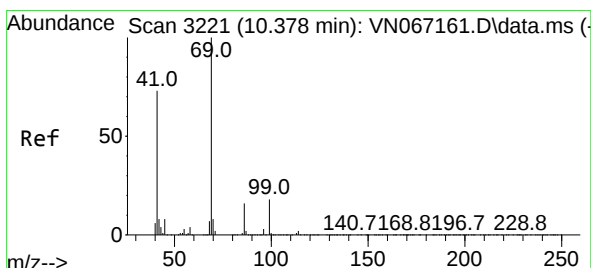
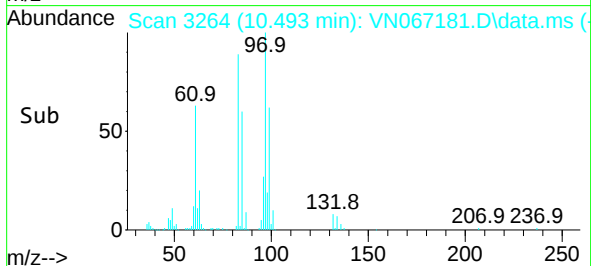
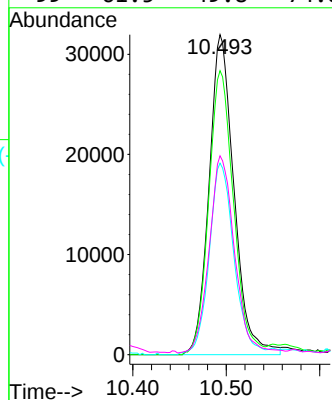
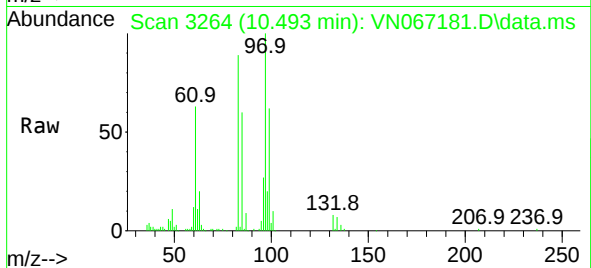
#55
1,1,2-Trichloroethane
Concen: 18.70 ug/l
RT: 10.493 min Scan# 3264
Delta R.T. -0.017 min
Lab File: VN067181.D
Acq: 28 May 2021 14:28

Tgt Ion:	97	Resp:	59384
Ion	Ratio	Lower	Upper
97	100		
83	88.7	67.3	100.9
85	59.3	44.2	66.4
99	61.5	49.8	74.8

Instrument :
MSVOA_N
ClientSampleId :
VN0528WBS01

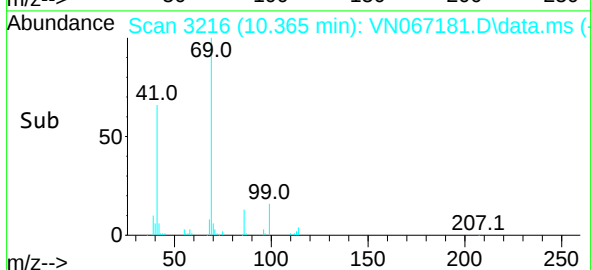
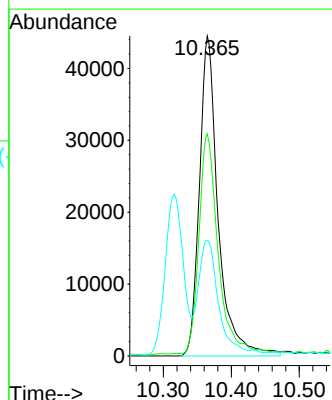
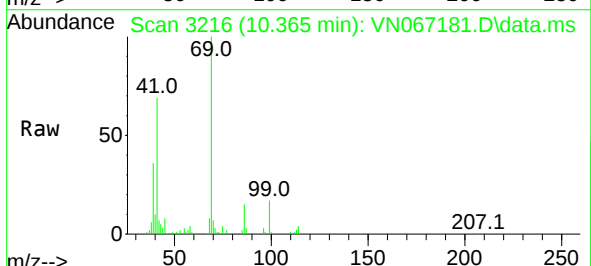
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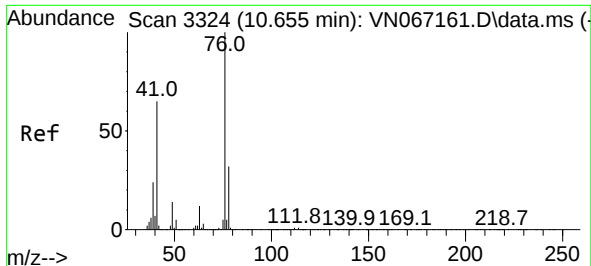
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#56
Ethyl methacrylate
Concen: 17.12 ug/l
RT: 10.365 min Scan# 3216
Delta R.T. -0.013 min
Lab File: VN067181.D
Acq: 28 May 2021 14:28

Tgt Ion:	69	Resp:	85170
Ion	Ratio	Lower	Upper
69	100		
41	69.1	45.5	68.3#
39	35.3	22.9	34.3#





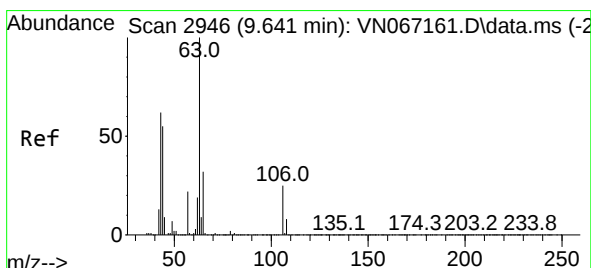
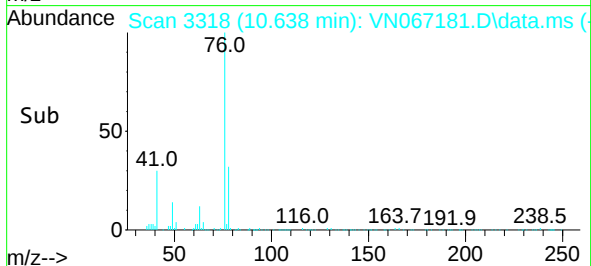
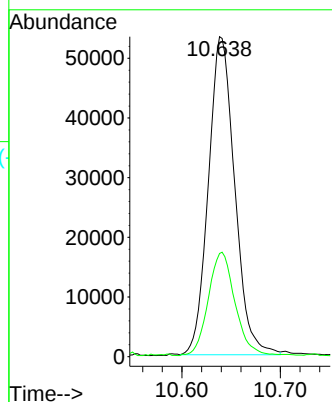
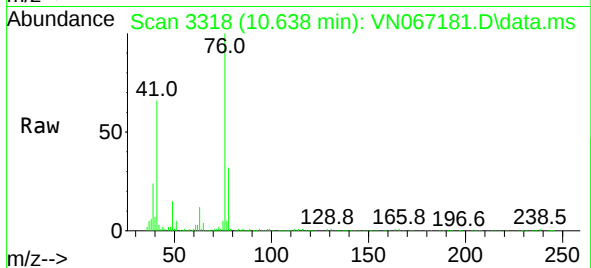
#57
1,3-Dichloropropane
Concen: 17.99 ug/l
RT: 10.638 min Scan# 3318
Delta R.T. -0.017 min
Lab File: VN067181.D
Acq: 28 May 2021 14:28

Tgt Ion: 76 Resp: 99193
Ion Ratio Lower Upper
76 100
78 32.9 26.3 39.5

Instrument :
MSVOA_N
ClientSampleId :
VN0528WBS01

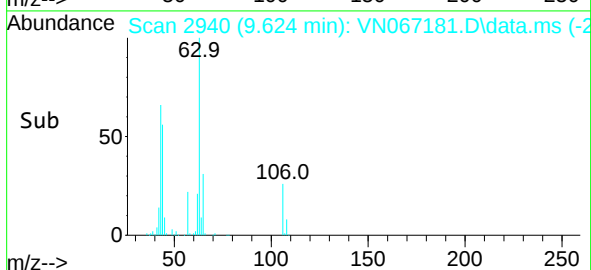
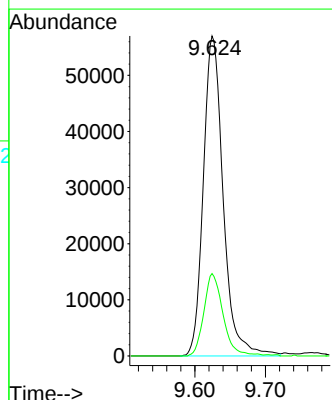
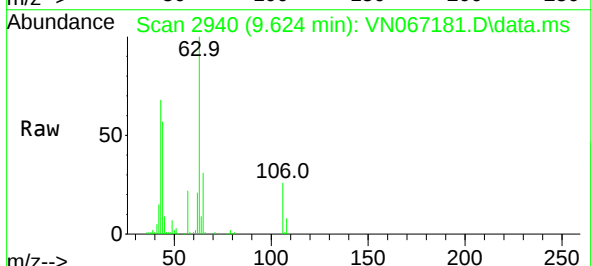
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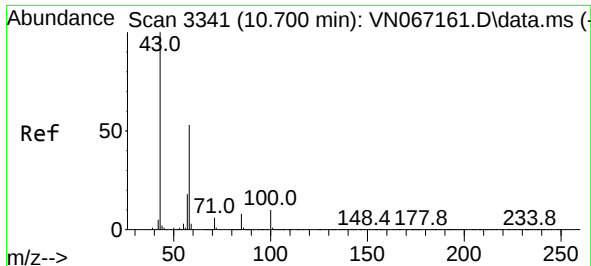
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#58
2-Chloroethyl Vinyl ether
Concen: 150.91 ug/l
RT: 9.624 min Scan# 2940
Delta R.T. -0.017 min
Lab File: VN067181.D
Acq: 28 May 2021 14:28

Tgt Ion: 63 Resp: 111581
Ion Ratio Lower Upper
63 100
106 24.8 23.9 35.9





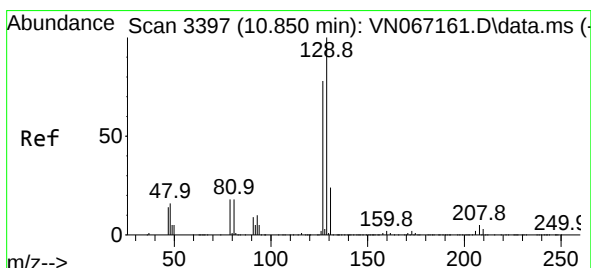
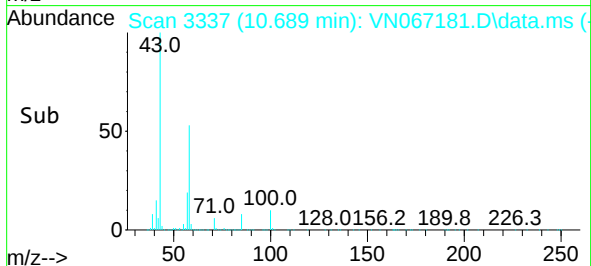
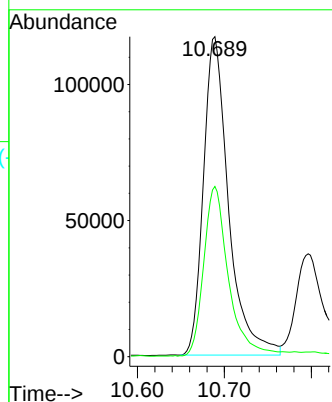
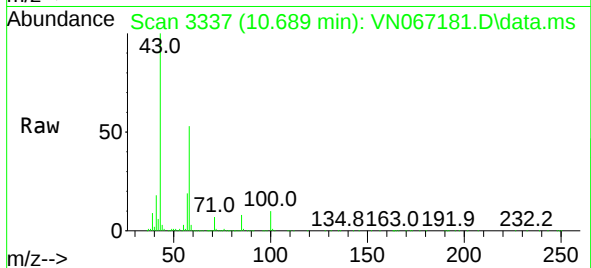
#59
2-Hexanone
Concen: 79.63 ug/l
RT: 10.689 min Scan# 3337
Delta R.T. -0.011 min
Lab File: VN067181.D
Acq: 28 May 2021 14:28

Tgt Ion: 43 Resp: 235535
Ion Ratio Lower Upper
43 100
58 52.9 29.8 89.5

Instrument :
MSVOA_N
ClientSampleId :
VN0528WBS01

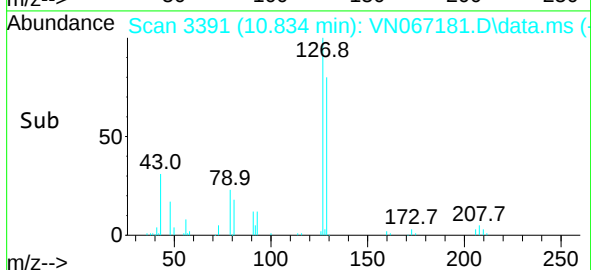
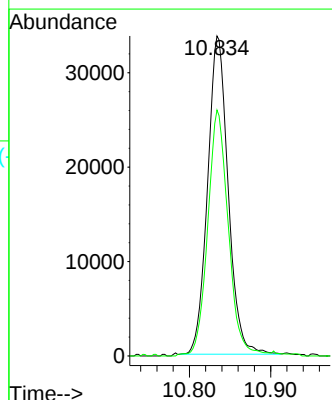
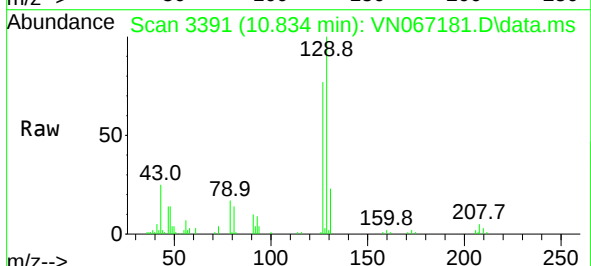
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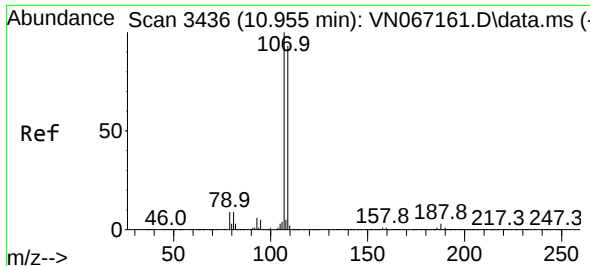
MMDadoda
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#60
Dibromochloromethane
Concen: 18.04 ug/l
RT: 10.834 min Scan# 3391
Delta R.T. -0.016 min
Lab File: VN067181.D
Acq: 28 May 2021 14:28

Tgt Ion: 129 Resp: 59339
Ion Ratio Lower Upper
129 100
127 77.4 38.9 116.6





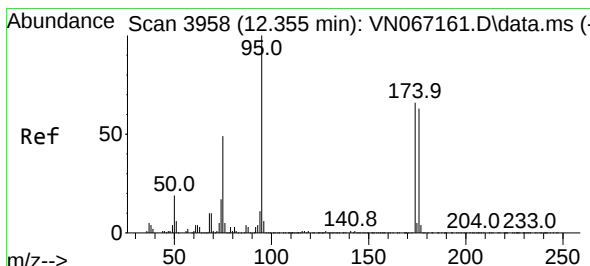
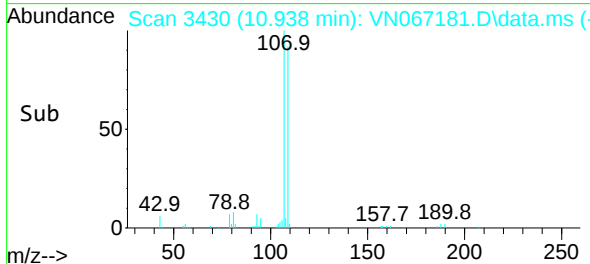
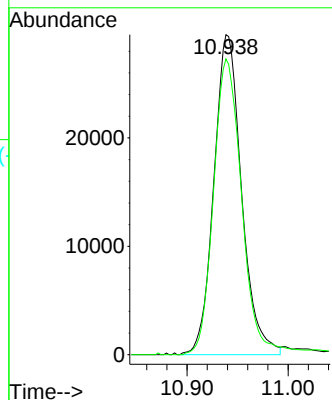
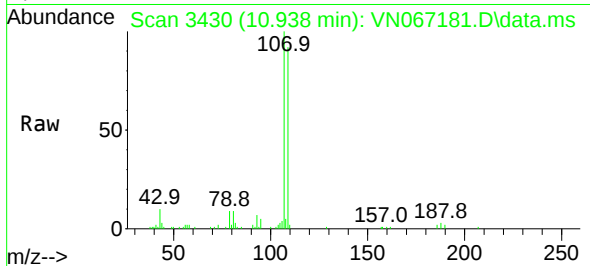
#61
1,2-Dibromoethane
Concen: 17.91 ug/l
RT: 10.938 min Scan# 3430
Delta R.T. -0.017 min
Lab File: VN067181.D
Acq: 28 May 2021 14:28

Tgt Ion:107 Resp: 56153
Ion Ratio Lower Upper
107 100
109 94.8 75.8 113.6

Instrument :
MSVOA_N
ClientSampleId :
VN0528WBS01

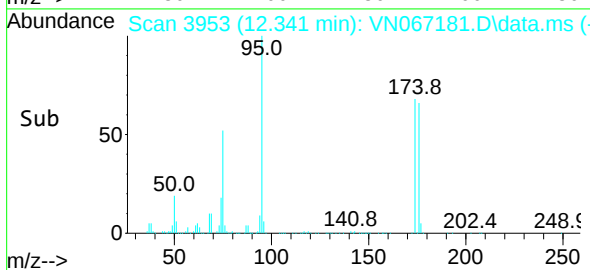
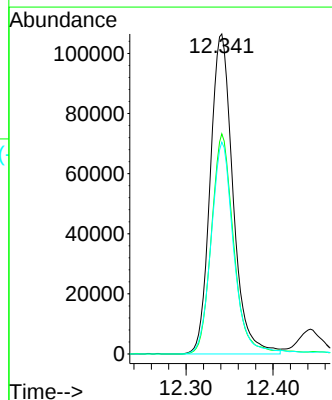
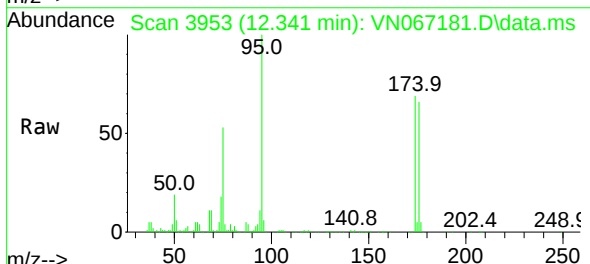
Manual Integrations
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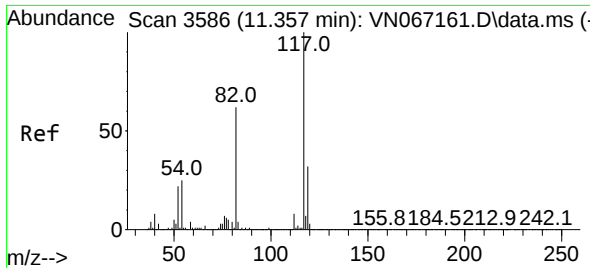
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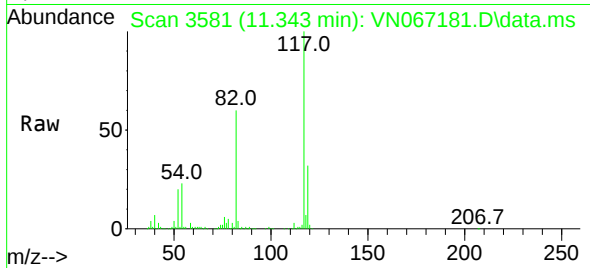
#62
4-Bromofluorobenzene
Concen: 54.32 ug/l
RT: 12.341 min Scan# 3953
Delta R.T. -0.014 min
Lab File: VN067181.D
Acq: 28 May 2021 14:28

Tgt Ion: 95 Resp: 193575
Ion Ratio Lower Upper
95 100
174 66.9 0.0 182.8
176 65.7 0.0 176.6

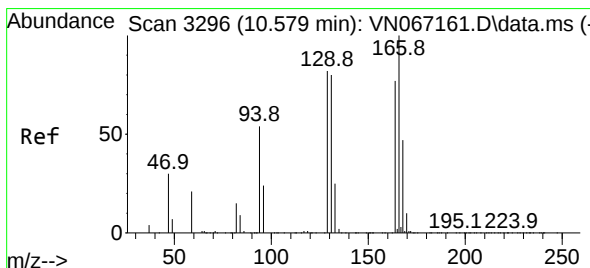
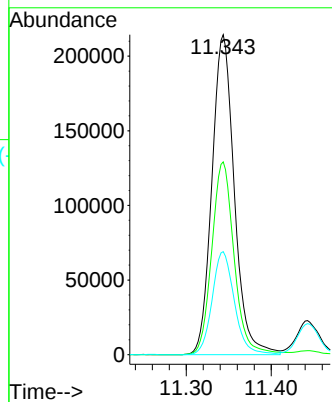
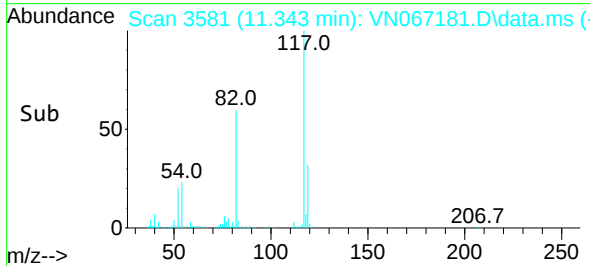




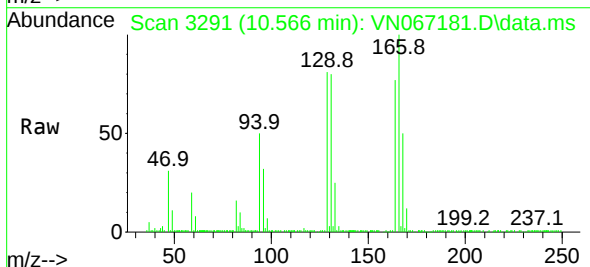
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.343 min Scan# 3581
Delta R.T. -0.014 min
Lab File: VN067181.D
Acq: 28 May 2021 14:28



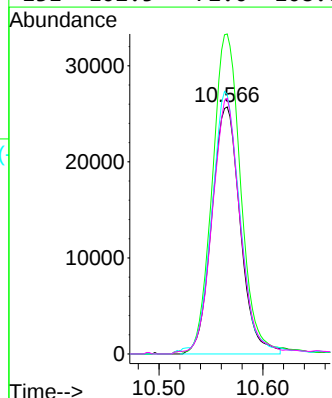
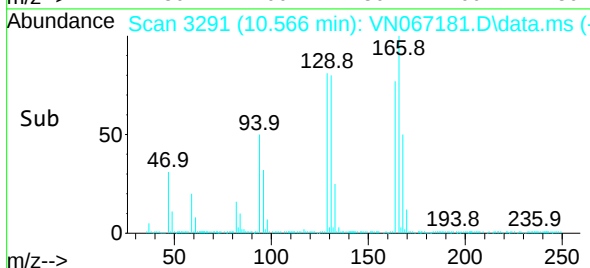
Tgt Ion	Ratio	Lower	Upper
117	100		
82	60.3	42.2	63.2
119	32.2	25.8	38.6



#64
Tetrachloroethene
Concen: 18.18 ug/l
RT: 10.566 min Scan# 3291
Delta R.T. -0.013 min
Lab File: VN067181.D
Acq: 28 May 2021 14:28



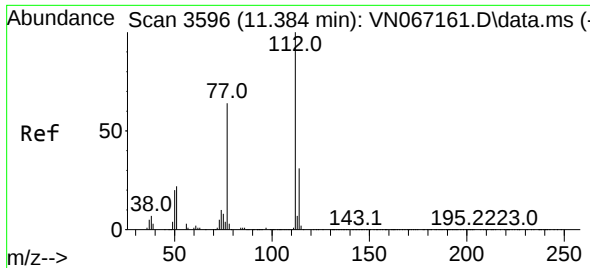
Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.3	103.0	154.6
129	104.0	73.3	109.9
131	102.5	72.0	108.0



Instrument :
MSVOA_N
ClientSampleId :
VN0528WBS01

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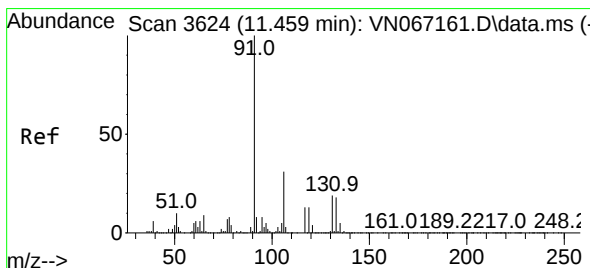
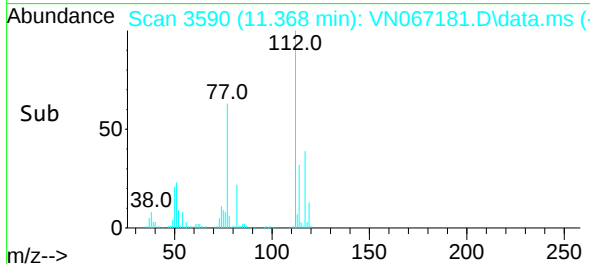
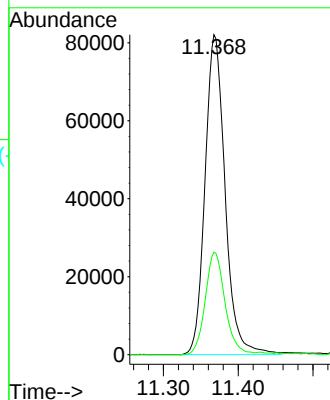
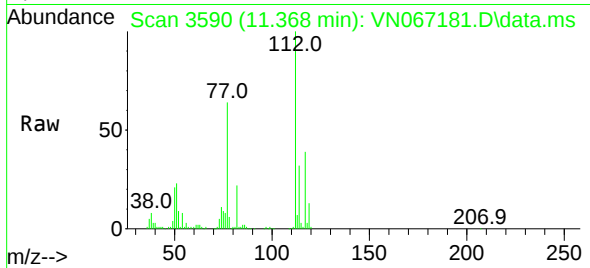
#65
Chlorobenzene
Concen: 19.09 ug/l
RT: 11.368 min Scan# 3590
Delta R.T. -0.016 min
Lab File: VN067181.D
Acq: 28 May 2021 14:28

Tgt Ion:112 Resp: 153323
Ion Ratio Lower Upper
112 100
114 32.0 25.6 38.4

Instrument :
MSVOA_N
ClientSampleId :
VN0528WBS01

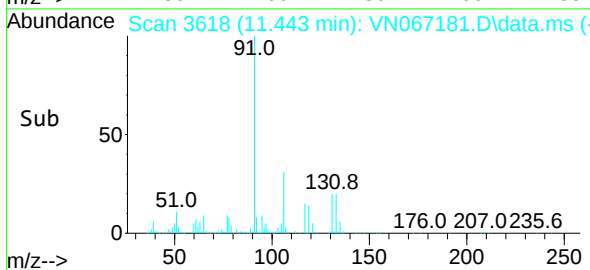
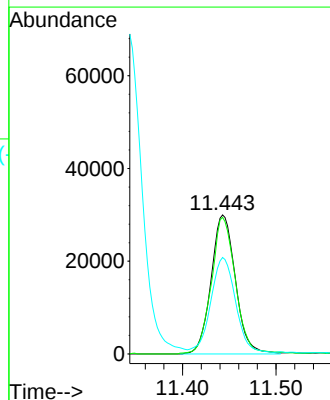
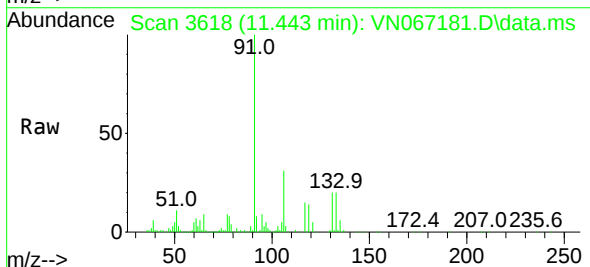
Manual Integrations
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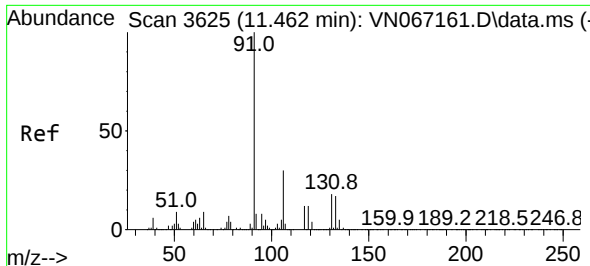
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#66
1,1,1,2-Tetrachloroethane
Concen: 17.78 ug/l
RT: 11.443 min Scan# 3618
Delta R.T. -0.016 min
Lab File: VN067181.D
Acq: 28 May 2021 14:28

Tgt Ion:131 Resp: 54322
Ion Ratio Lower Upper
131 100
133 97.9 47.8 143.3
119 69.3 33.8 101.3





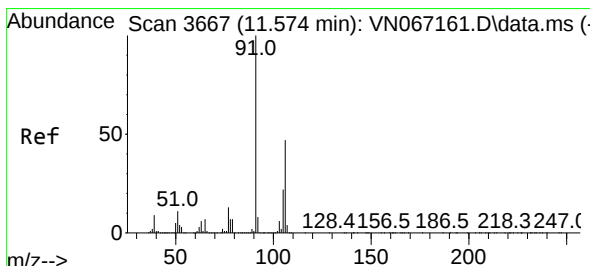
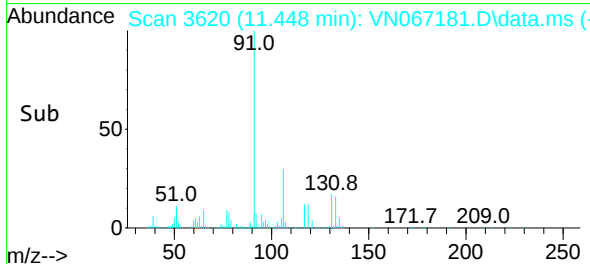
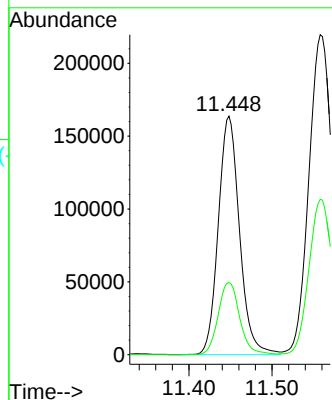
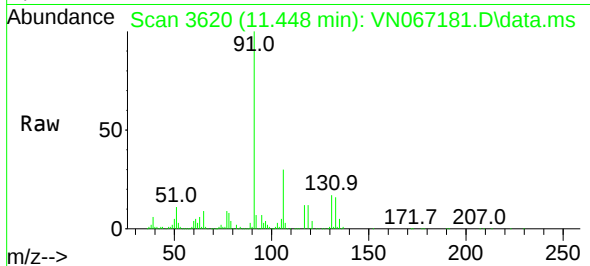
#67
Ethyl Benzene
Concen: 19.33 ug/l
RT: 11.448 min Scan# 3620
Delta R.T. -0.014 min
Lab File: VN067181.D
Acq: 28 May 2021 14:28

Tgt Ion: 91 Resp: 291026
Ion Ratio Lower Upper
91 100
106 30.2 26.2 39.2

Instrument :
MSVOA_N
ClientSampleId :
VN0528WBS01

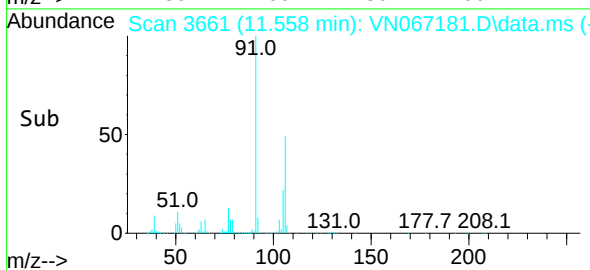
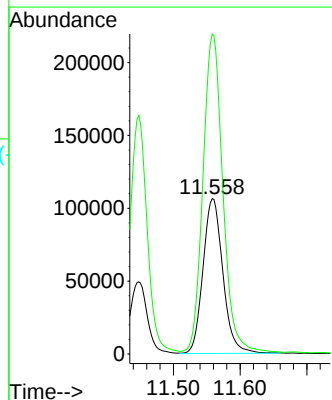
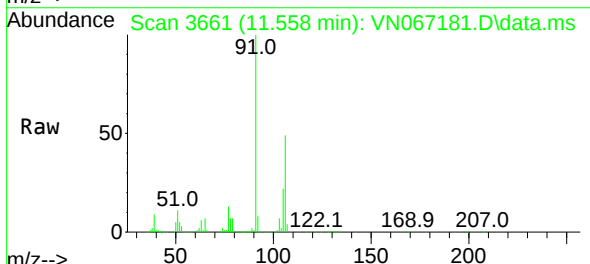
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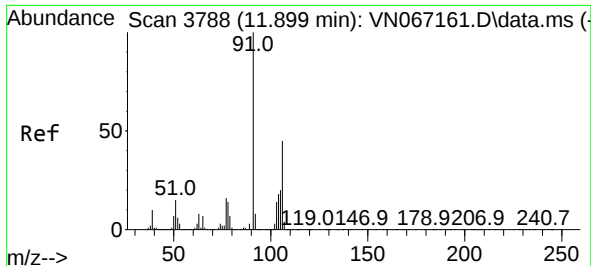
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#68
m/p-Xylenes
Concen: 41.24 ug/l
RT: 11.558 min Scan# 3661
Delta R.T. -0.016 min
Lab File: VN067181.D
Acq: 28 May 2021 14:28

Tgt Ion: 106 Resp: 219786
Ion Ratio Lower Upper
106 100
91 206.1 155.2 232.8





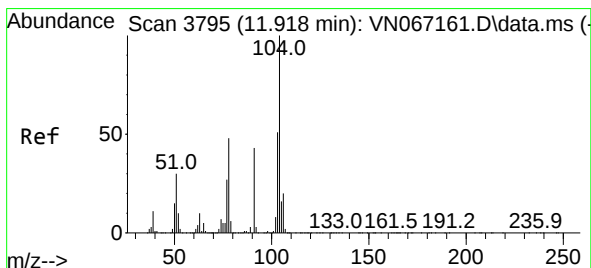
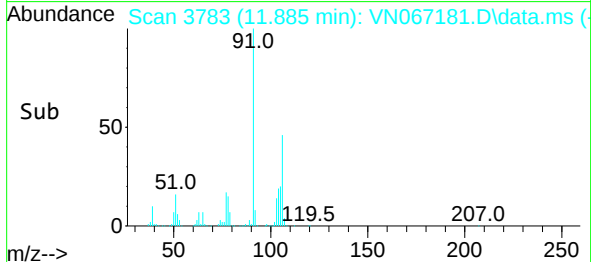
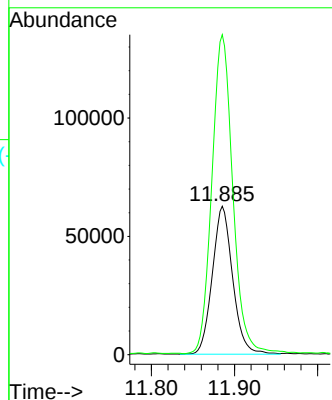
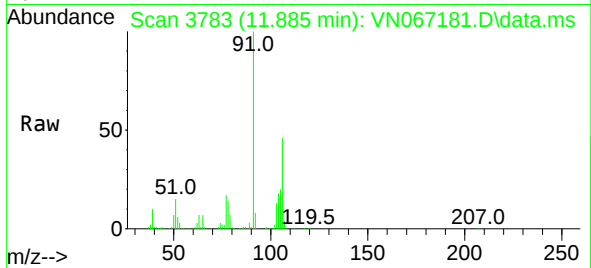
#69
o-Xylene
Concen: 19.37 ug/l
RT: 11.885 min Scan# 3783
Delta R.T. -0.014 min
Lab File: VN067181.D
Acq: 28 May 2021 14:28

Tgt Ion:106 Resp: 106303
Ion Ratio Lower Upper
106 100
91 221.8 102.3 306.8

Instrument :
MSVOA_N
ClientSampleId :
VN0528WBS01

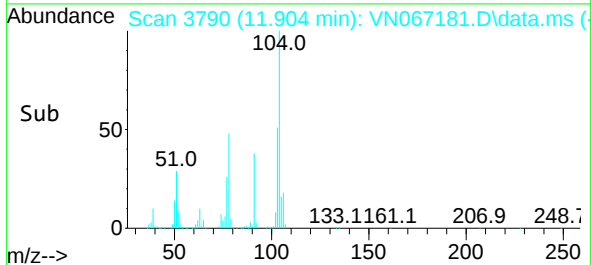
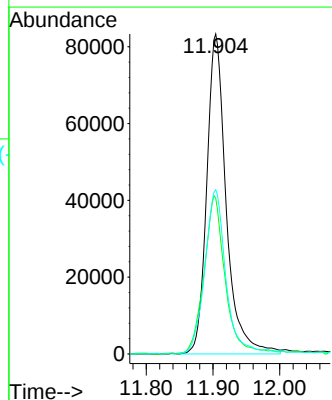
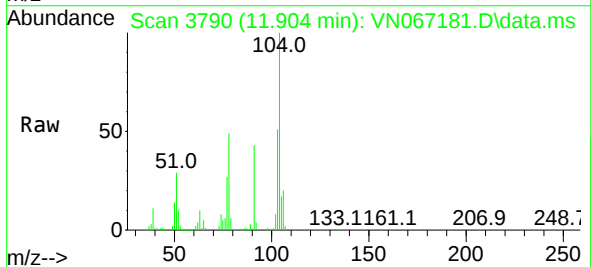
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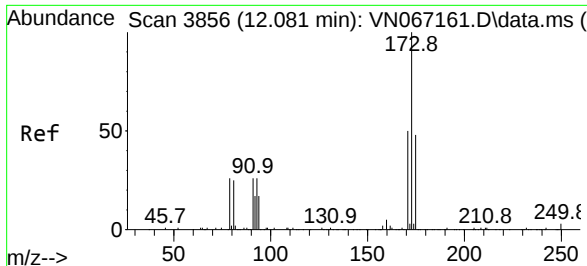
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#70
Styrene
Concen: 19.36 ug/l
RT: 11.904 min Scan# 3790
Delta R.T. -0.014 min
Lab File: VN067181.D
Acq: 28 May 2021 14:28

Tgt Ion:104 Resp: 168961
Ion Ratio Lower Upper
104 100
78 53.3 37.7 56.5
103 55.0 44.2 66.4





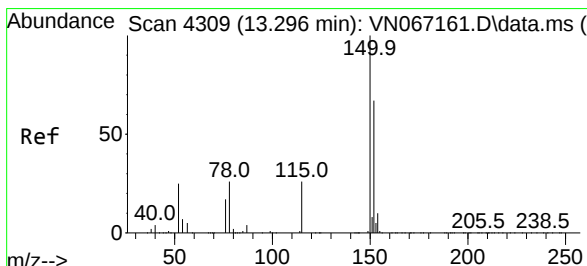
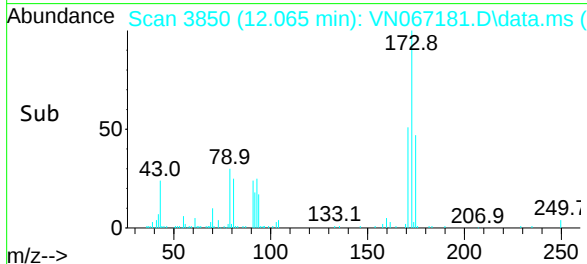
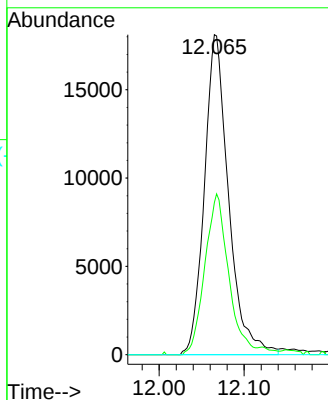
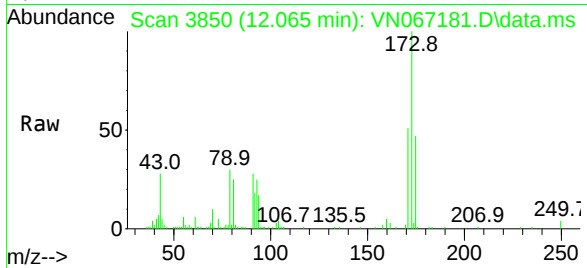
#71
Bromoform
Concen: 17.61 ug/l
RT: 12.065 min Scan# 3850
Delta R.T. -0.016 min
Lab File: VN067181.D
Acq: 28 May 2021 14:28

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.3	24.3	73.0
254	0.0	0.0	0.0

Instrument :
MSVOA_N
ClientSampleId :
VN0528WBS01

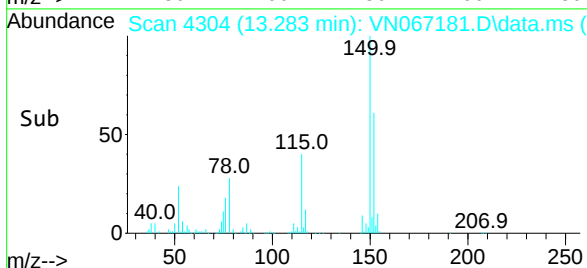
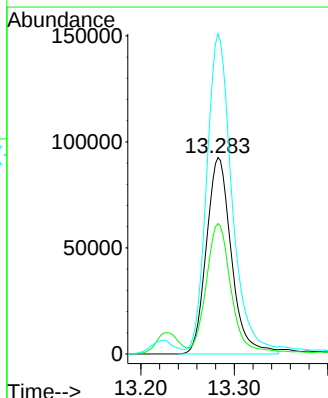
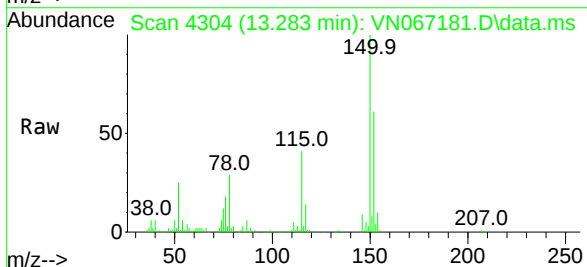
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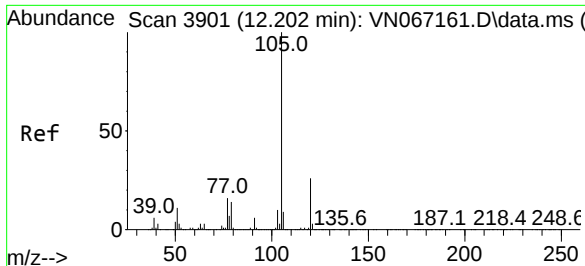
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6/1/2021 12:13:30 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.283 min Scan# 4304
Delta R.T. -0.013 min
Lab File: VN067181.D
Acq: 28 May 2021 14:28

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.2	27.0	80.8
150	163.4	0.0	350.2





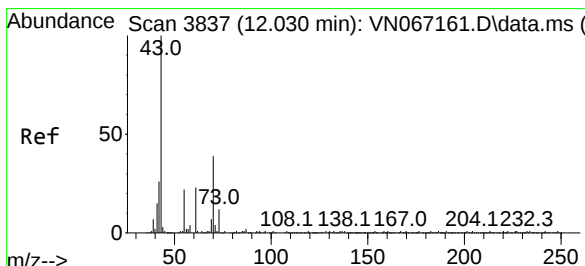
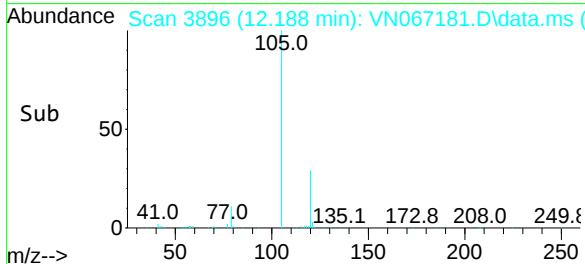
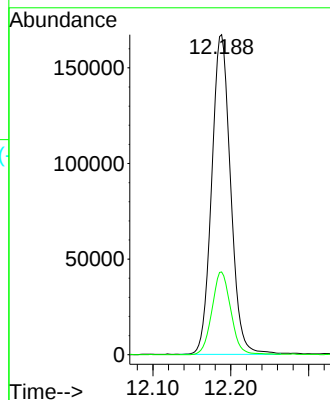
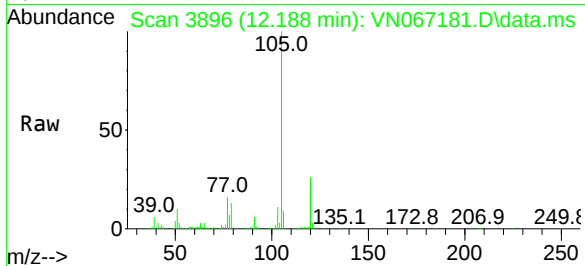
#73
Isopropylbenzene
Concen: 16.70 ug/l
RT: 12.188 min Scan# 3896
Delta R.T. -0.014 min
Lab File: VN067181.D
Acq: 28 May 2021 14:28

Tgt Ion:105 Resp: 281718
Ion Ratio Lower Upper
105 100
120 25.8 13.7 41.0

Instrument :
MSVOA_N
ClientSampleId :
VN0528WBS01

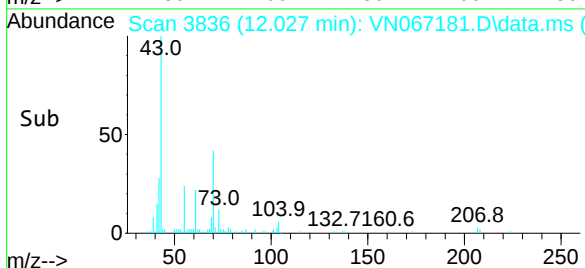
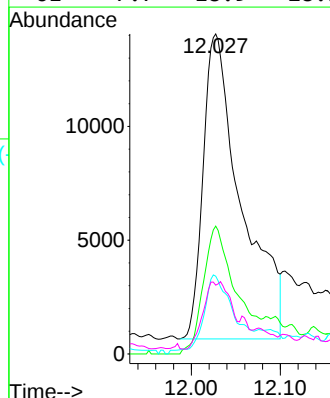
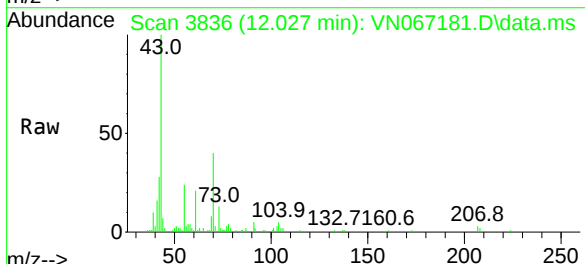
Manual Integrations
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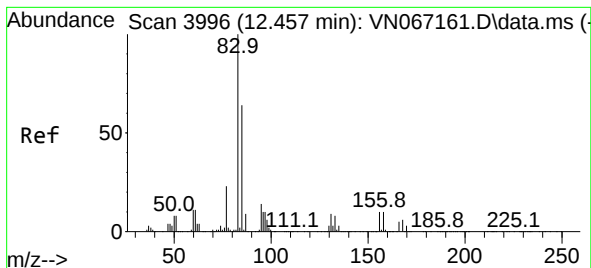
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#74
N-ethyl acetate
Concen: 12.50 ug/l
RT: 12.027 min Scan# 3836
Delta R.T. -0.003 min
Lab File: VN067181.D
Acq: 28 May 2021 14:28

Tgt Ion: 43 Resp: 39812
Ion Ratio Lower Upper
43 100
70 36.5 36.7 55.1#
55 20.9 17.6 26.4
61 7.7 18.9 28.3#





#75

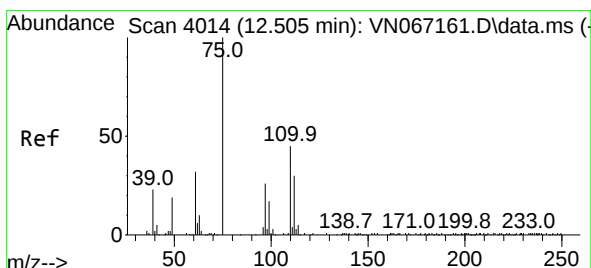
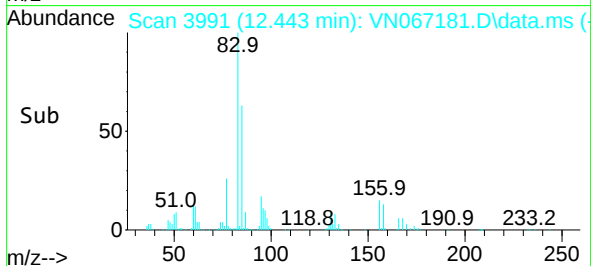
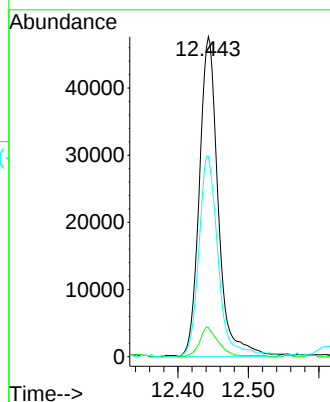
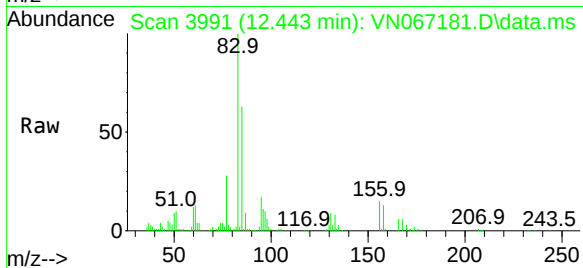
1,1,2,2-Tetrachloroethane
Concen: 15.78 ug/l
RT: 12.443 min Scan# 3991
Delta R.T. -0.014 min
Lab File: VN067181.D
Acq: 28 May 2021 14:28

Tgt Ion: 83 Resp: 88592
Ion Ratio Lower Upper
83 100
131 9.1 5.3 16.1
85 63.7 32.6 97.8

Instrument :
MSVOA_N
ClientSampleId :
VN0528WBS01

Manual Integrations
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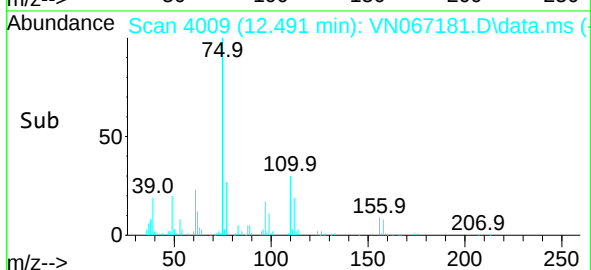
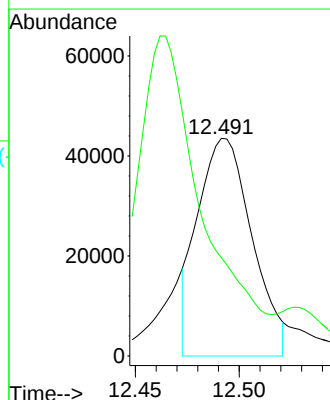
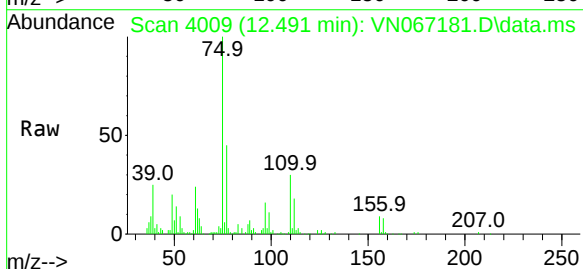
MMDadoda
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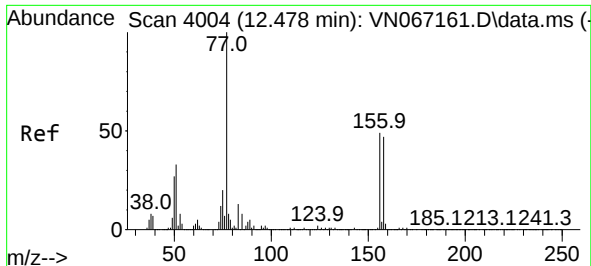


#76

1,2,3-Trichloropropane
Concen: 16.50 ug/l m
RT: 12.491 min Scan# 4009
Delta R.T. -0.014 min
Lab File: VN067181.D
Acq: 28 May 2021 14:28

Tgt Ion: 75 Resp: 79171
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





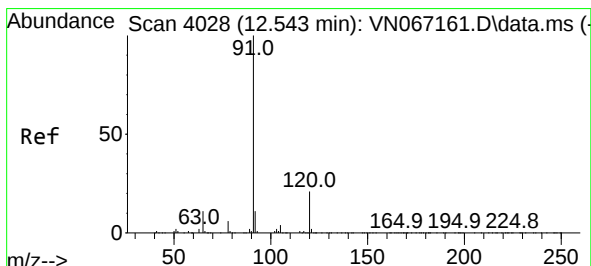
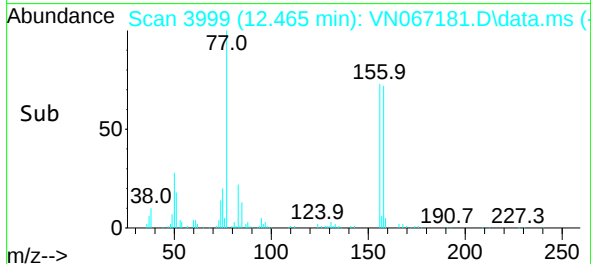
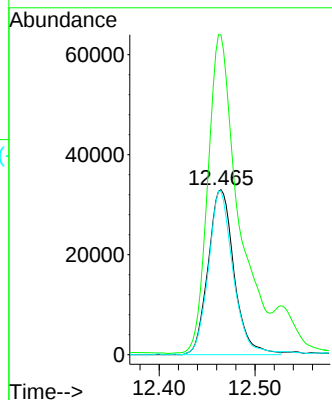
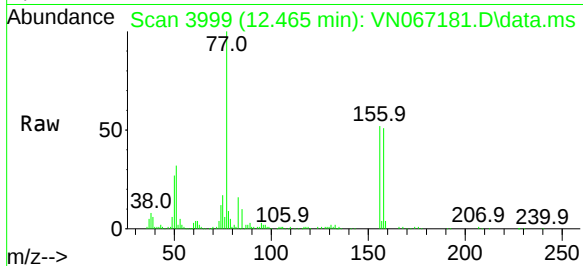
#77
Bromobenzene
Concen: 18.11 ug/l
RT: 12.465 min Scan# 3999
Delta R.T. -0.013 min
Lab File: VN067181.D
Acq: 28 May 2021 14:28

Tgt Ion: 156 Resp: 61998
Ion Ratio Lower Upper
156 100
77 225.8 87.9 263.8
158 94.7 49.0 147.2

Instrument :
MSVOA_N
ClientSampleId :
VN0528WBS01

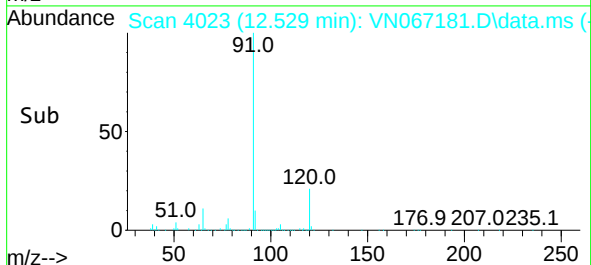
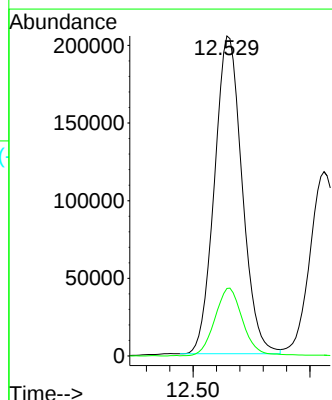
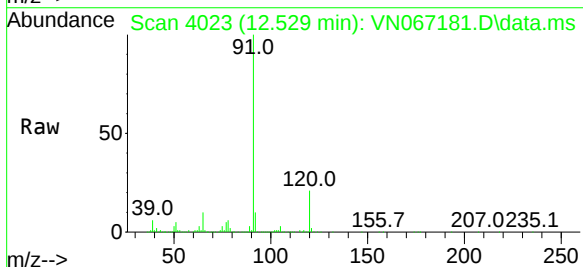
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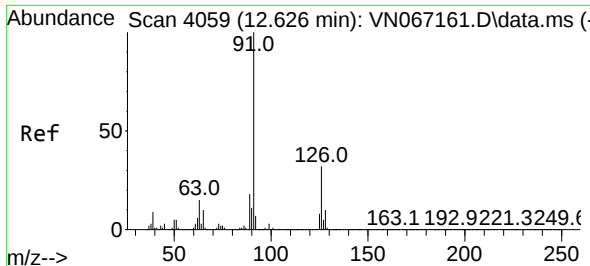
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#78
n-propylbenzene
Concen: 18.59 ug/l
RT: 12.529 min Scan# 4023
Delta R.T. -0.014 min
Lab File: VN067181.D
Acq: 28 May 2021 14:28

Tgt Ion: 91 Resp: 336627
Ion Ratio Lower Upper
91 100
120 21.5 12.7 38.0





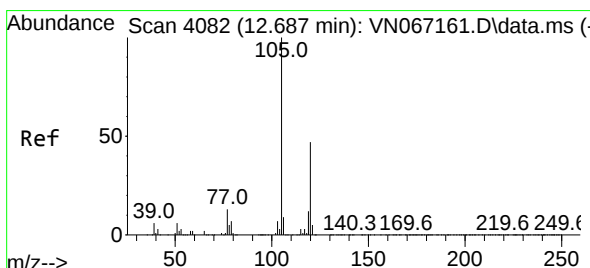
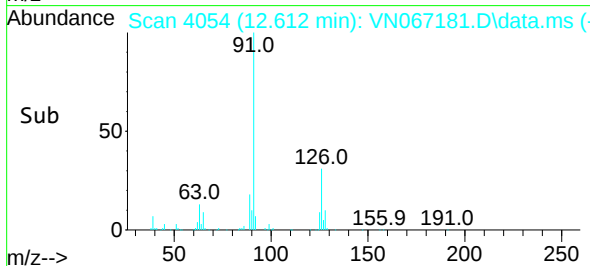
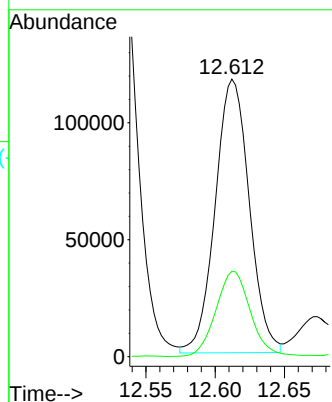
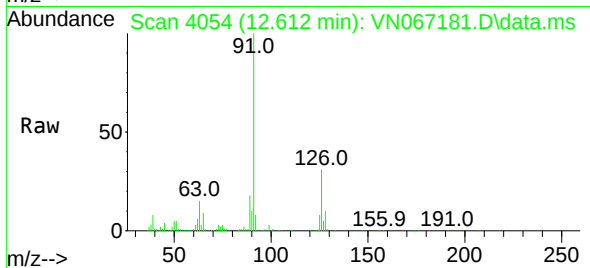
#79
2-Chlorotoluene
Concen: 17.10 ug/l
RT: 12.612 min Scan# 4054
Delta R.T. -0.014 min
Lab File: VN067181.D
Acq: 28 May 2021 14:28

Tgt Ion: 91 Resp: 200465
Ion Ratio Lower Upper
91 100
126 31.9 18.3 54.8

Instrument :
MSVOA_N
ClientSampleId :
VN0528WBS01

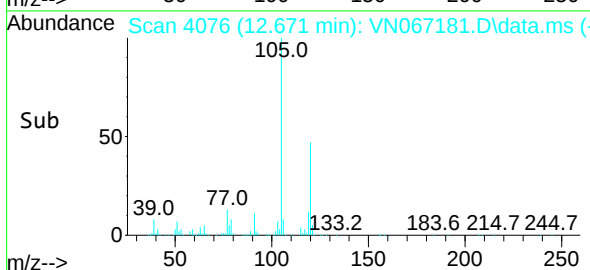
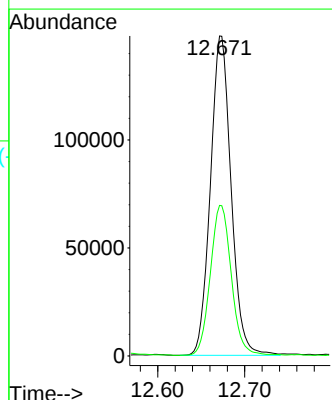
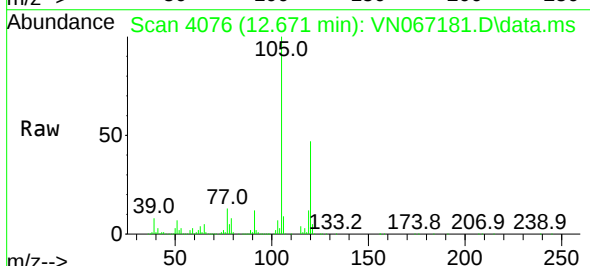
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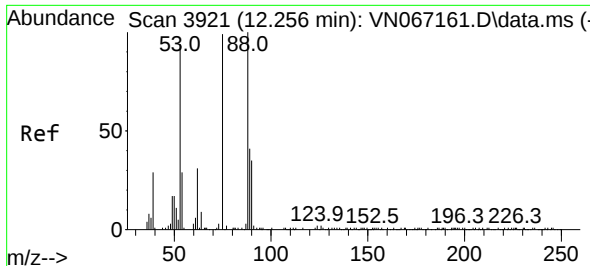
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#80
1,3,5-Trimethylbenzene
Concen: 17.58 ug/l
RT: 12.671 min Scan# 4076
Delta R.T. -0.016 min
Lab File: VN067181.D
Acq: 28 May 2021 14:28

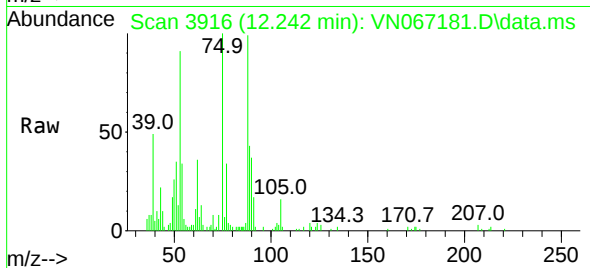
Tgt Ion: 105 Resp: 244588
Ion Ratio Lower Upper
105 100
120 47.5 25.0 75.0





#81
trans-1,4-Dichloro-2-butene
Concen: 17.94 ug/l
RT: 12.242 min Scan# 3916
Delta R.T. -0.014 min
Lab File: VN067181.D
Acq: 28 May 2021 14:28

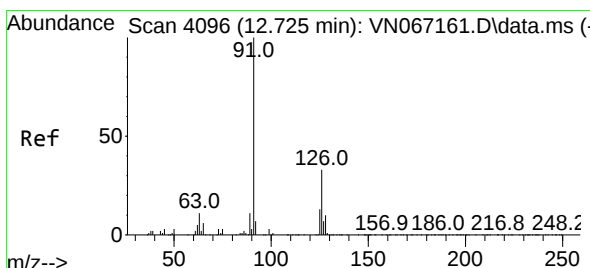
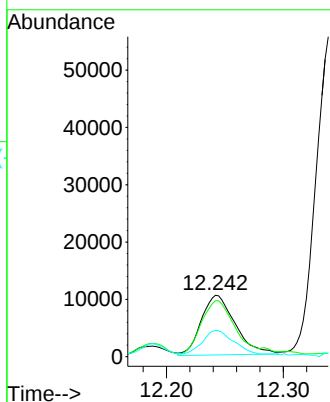
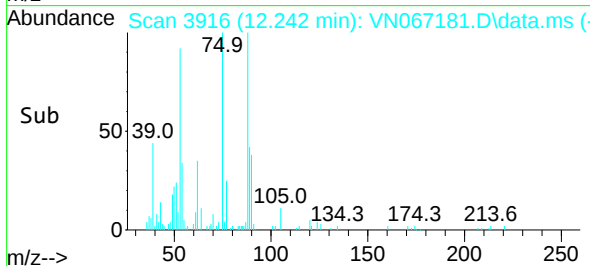
Instrument :
MSVOA_N
ClientSampleId :
VN0528WBS01



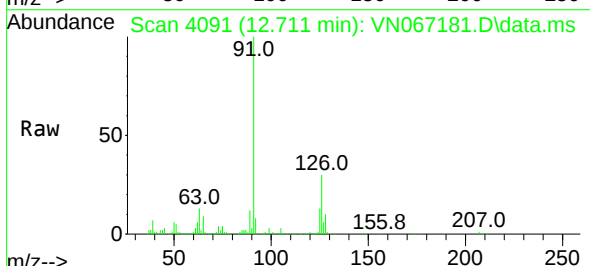
Tgt Ion: 75 Resp: 21016
Ion Ratio Lower Upper
75 100
53 85.9 66.3 99.5
89 37.6 39.5 59.3#

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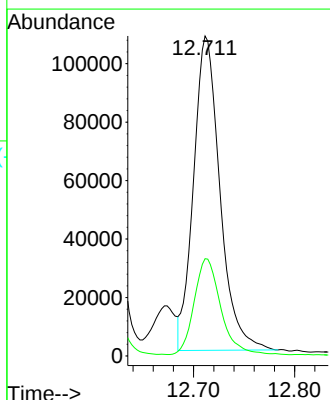
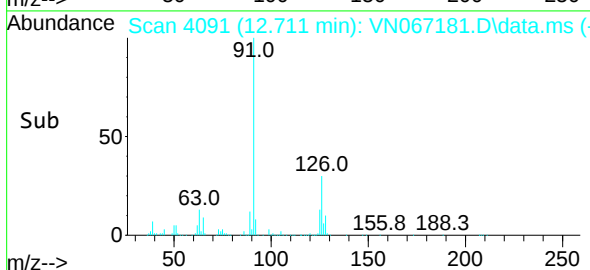
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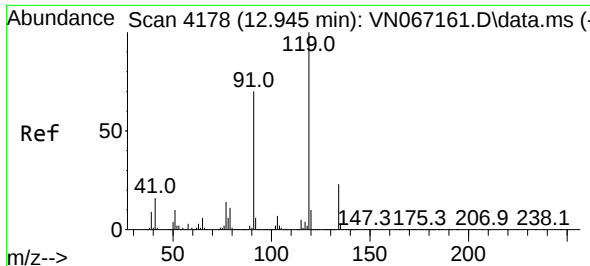


#82
4-Chlorotoluene
Concen: 18.59 ug/l
RT: 12.711 min Scan# 4091
Delta R.T. -0.014 min
Lab File: VN067181.D
Acq: 28 May 2021 14:28



Tgt Ion: 91 Resp: 195385
Ion Ratio Lower Upper
91 100
126 31.2 17.7 53.1





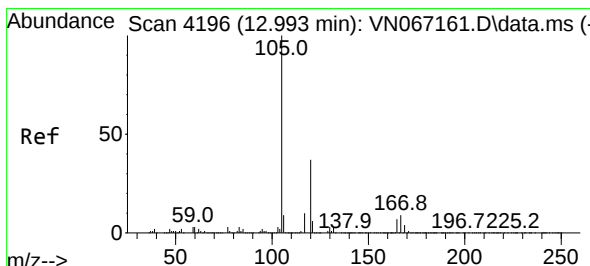
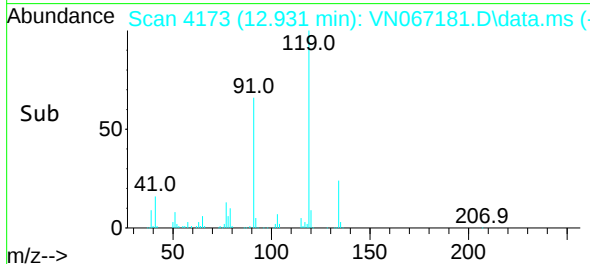
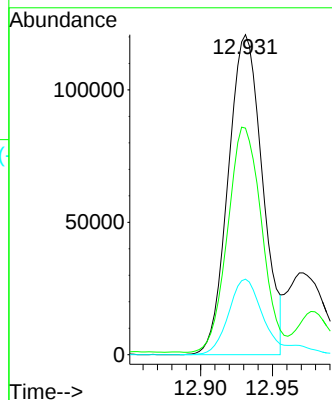
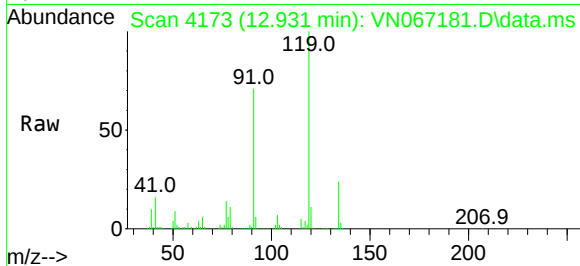
#83
tert-Butylbenzene
Concen: 16.06 ug/l
RT: 12.931 min Scan# 4173
Delta R.T. -0.014 min
Lab File: VN067181.D
Acq: 28 May 2021 14:28

Tgt Ion:119 Resp: 200398
Ion Ratio Lower Upper
119 100
91 70.3 30.2 90.6
134 25.5 13.0 39.0

Instrument :
MSVOA_N
ClientSampleId :
VN0528WBS01

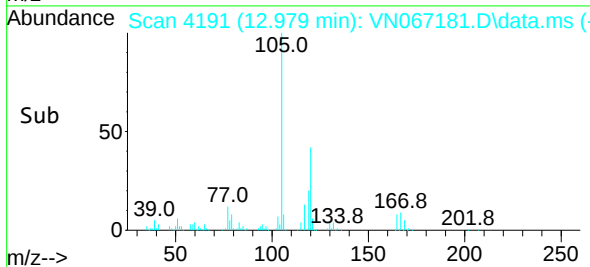
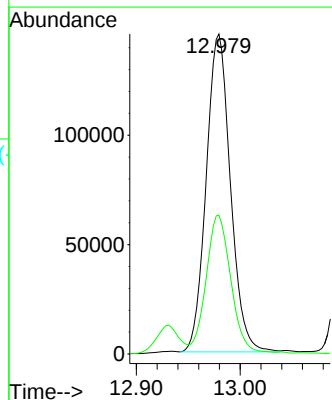
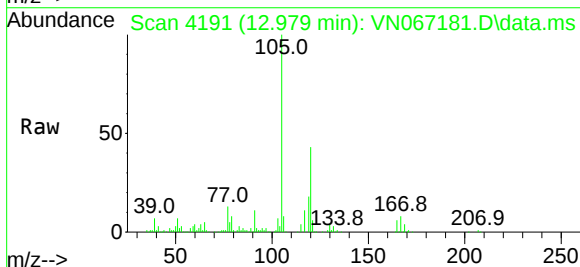
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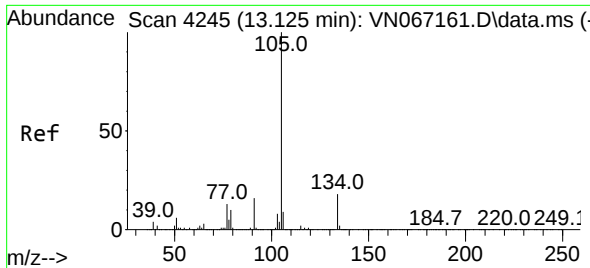
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#84
1,2,4-Trimethylbenzene
Concen: 18.71 ug/l
RT: 12.979 min Scan# 4191
Delta R.T. -0.014 min
Lab File: VN067181.D
Acq: 28 May 2021 14:28

Tgt Ion:105 Resp: 235586
Ion Ratio Lower Upper
105 100
120 43.7 23.8 71.2





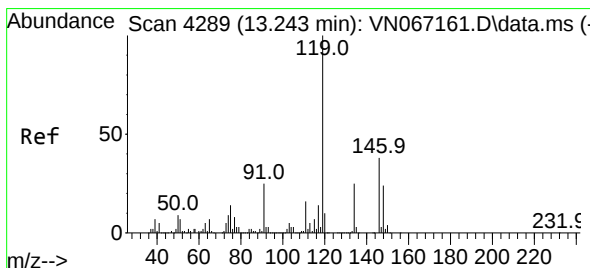
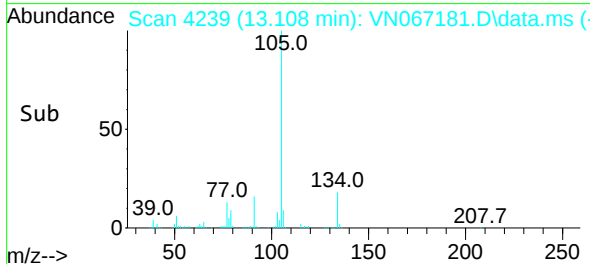
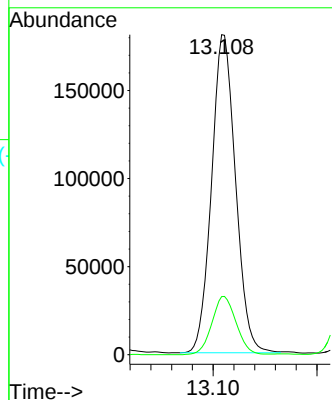
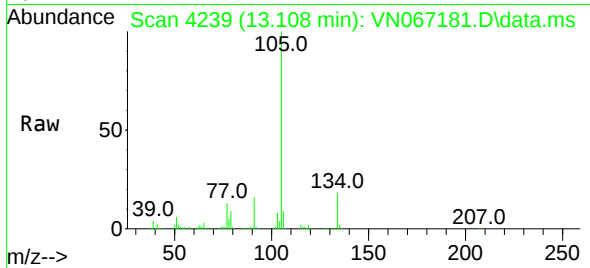
#85
 sec-Butylbenzene
 Concen: 18.49 ug/l
 RT: 13.108 min Scan# 4239
 Delta R.T. -0.017 min
 Lab File: VN067181.D
 Acq: 28 May 2021 14:28

Tgt Ion:105 Resp: 289265
 Ion Ratio Lower Upper
 105 100
 134 18.6 10.5 31.5

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0528WBS01

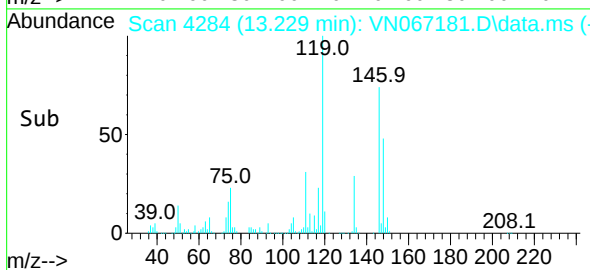
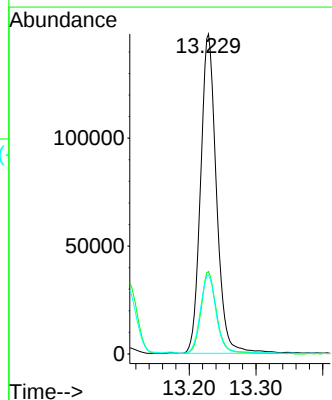
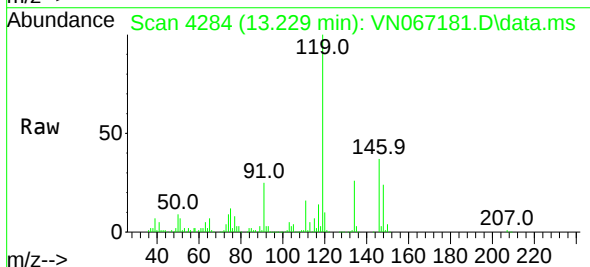
Manual Integrations
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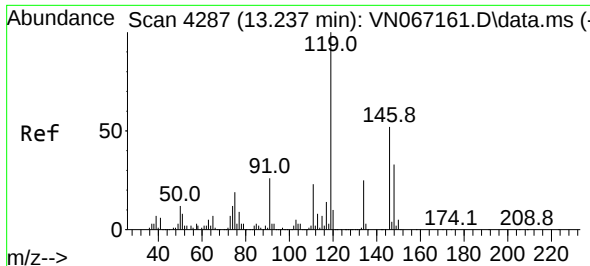
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#86
 p-Isopropyltoluene
 Concen: 20.00 ug/l
 RT: 13.229 min Scan# 4284
 Delta R.T. -0.014 min
 Lab File: VN067181.D
 Acq: 28 May 2021 14:28

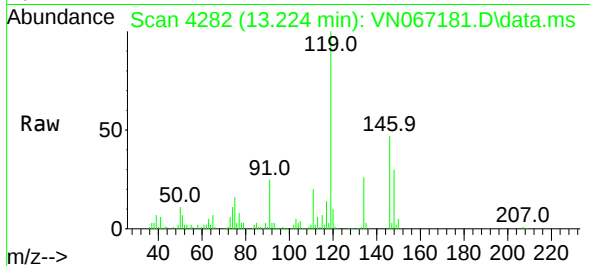
Tgt Ion:119 Resp: 244500
 Ion Ratio Lower Upper
 119 100
 134 25.0 13.3 39.9
 91 24.8 10.7 32.1





#87
1,3-Dichlorobenzene
Concen: 19.79 ug/l
RT: 13.224 min Scan# 4282
Delta R.T. -0.013 min
Lab File: VN067181.D
Acq: 28 May 2021 14:28

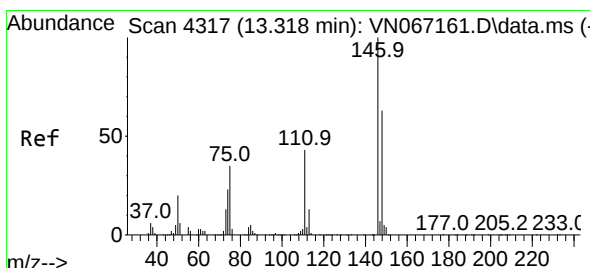
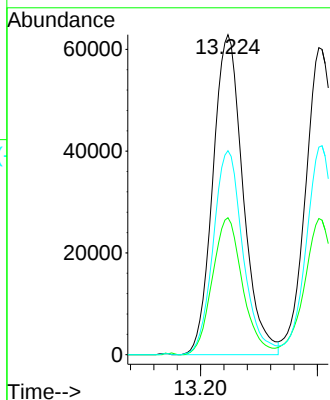
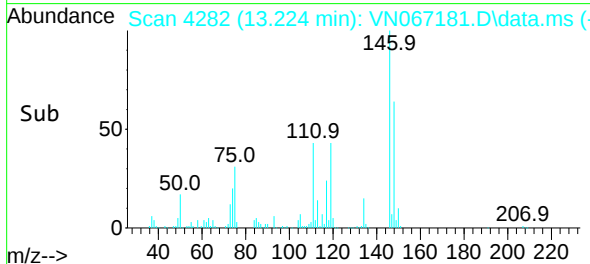
Instrument :
MSVOA_N
ClientSampleId :
VN0528WBS01



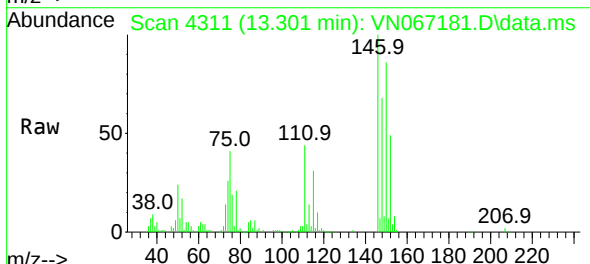
Tgt Ion:146 Resp: 112777
Ion Ratio Lower Upper
146 100
111 42.9 19.3 57.8
148 63.1 32.0 96.2

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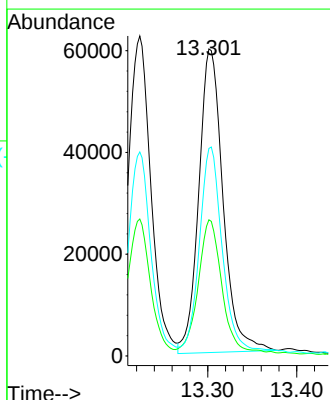
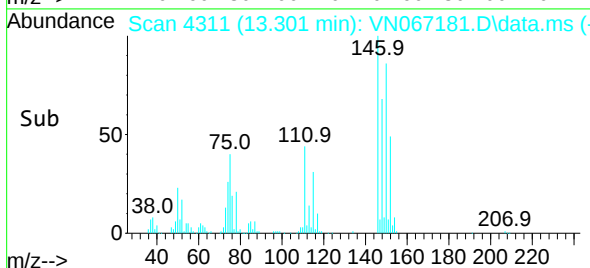
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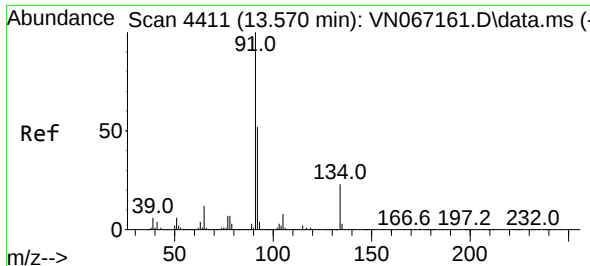


#88
1,4-Dichlorobenzene
Concen: 18.61 ug/l
RT: 13.301 min Scan# 4311
Delta R.T. -0.017 min
Lab File: VN067181.D
Acq: 28 May 2021 14:28



Tgt Ion:146 Resp: 112980
Ion Ratio Lower Upper
146 100
111 42.6 18.5 55.5
148 65.4 31.4 94.3





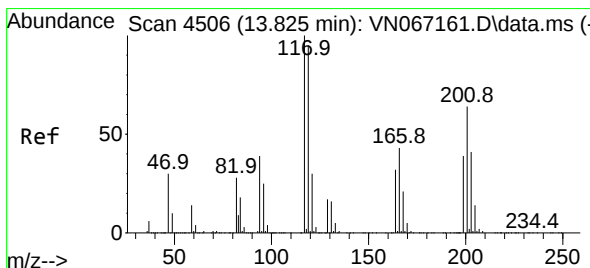
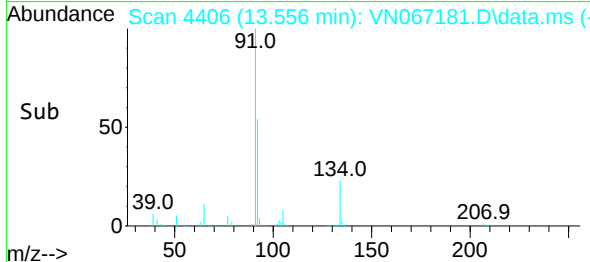
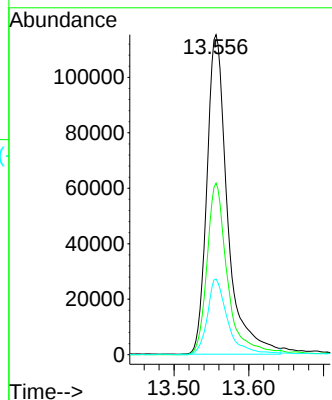
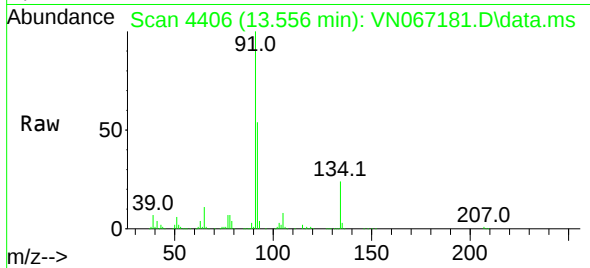
#89
n-Butylbenzene
Concen: 21.87 ug/l
RT: 13.556 min Scan# 4406
Delta R.T. -0.014 min
Lab File: VN067181.D
Acq: 28 May 2021 14:28

Tgt Ion: 91 Resp: 221558
Ion Ratio Lower Upper
91 100
92 53.5 26.5 79.5
134 23.9 14.3 42.9

Instrument :
MSVOA_N
ClientSampleId :
VN0528WBS01

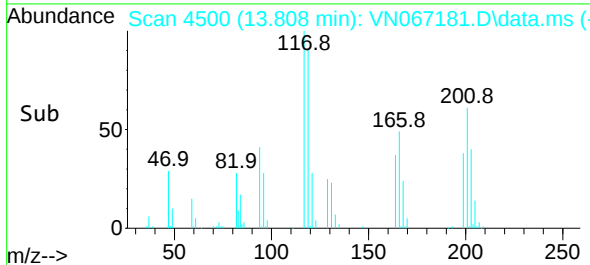
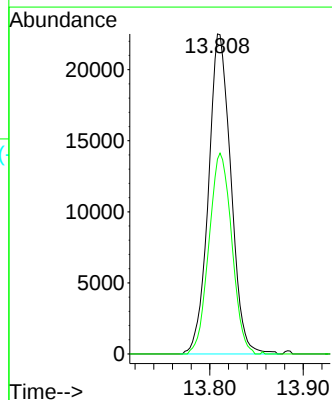
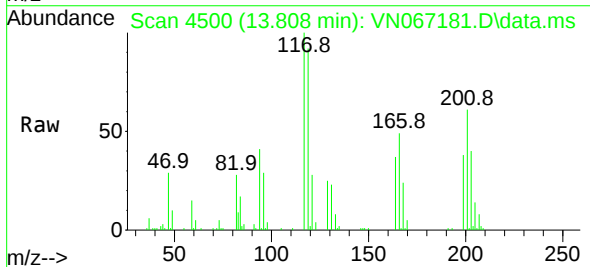
Manual Integrations
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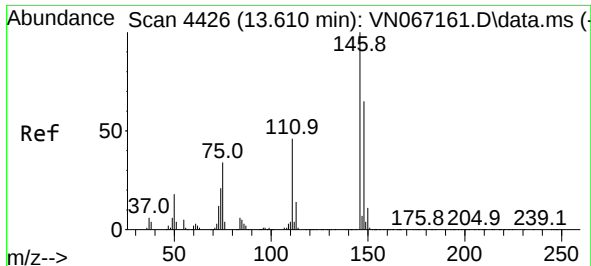
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#90
Hexachloroethane
Concen: 14.94 ug/l
RT: 13.808 min Scan# 4500
Delta R.T. -0.017 min
Lab File: VN067181.D
Acq: 28 May 2021 14:28

Tgt Ion: 117 Resp: 37512
Ion Ratio Lower Upper
117 100
201 63.8 45.5 136.5





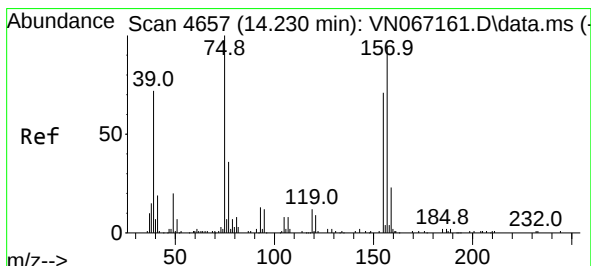
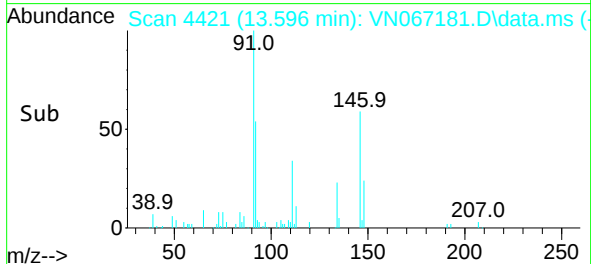
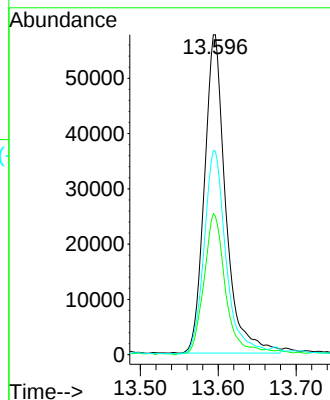
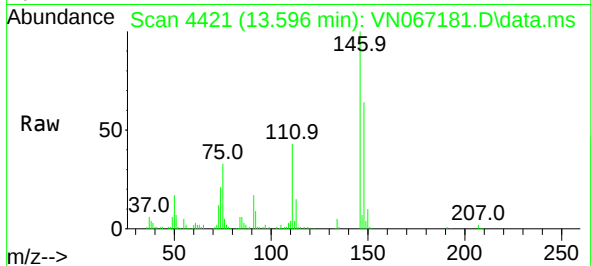
#91
1,2-Dichlorobenzene
Concen: 20.20 ug/l
RT: 13.596 min Scan# 4421
Delta R.T. -0.014 min
Lab File: VN067181.D
Acq: 28 May 2021 14:28

Tgt Ion:146 Resp: 109713
Ion Ratio Lower Upper
146 100
111 45.3 19.8 59.3
148 65.4 31.7 95.1

Instrument :
MSVOA_N
ClientSampleId :
VN0528WBS01

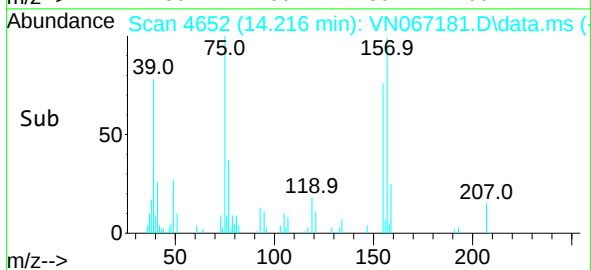
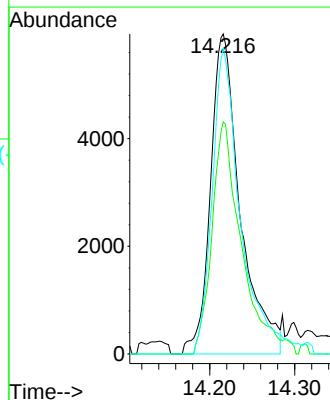
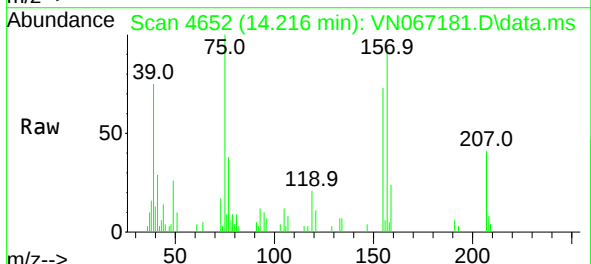
Manual Integrations
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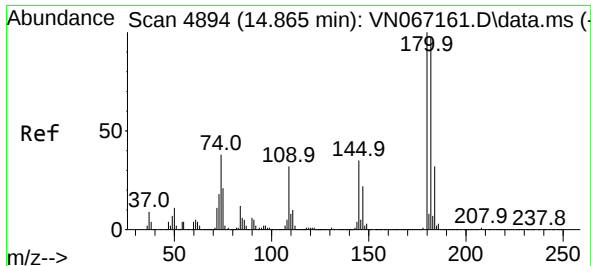
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#92
1,2-Dibromo-3-Chloropropane
Concen: 15.45 ug/l
RT: 14.216 min Scan# 4652
Delta R.T. -0.014 min
Lab File: VN067181.D
Acq: 28 May 2021 14:28

Tgt Ion: 75 Resp: 14451
Ion Ratio Lower Upper
75 100
155 71.0 49.9 149.7
157 92.0 63.8 191.4





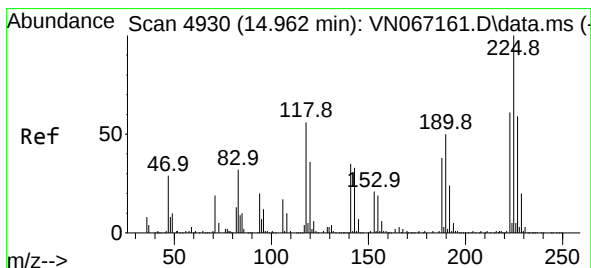
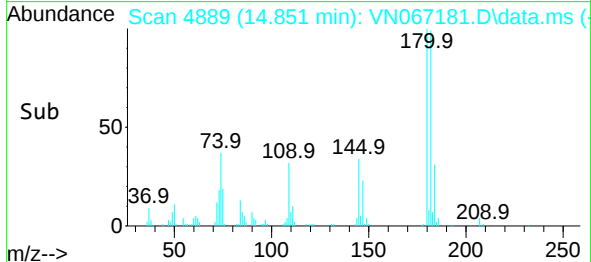
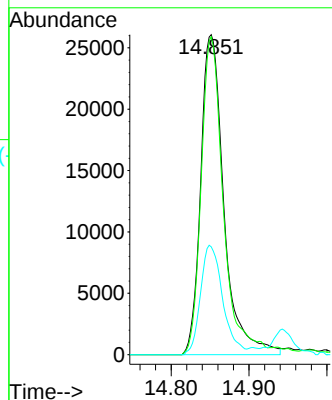
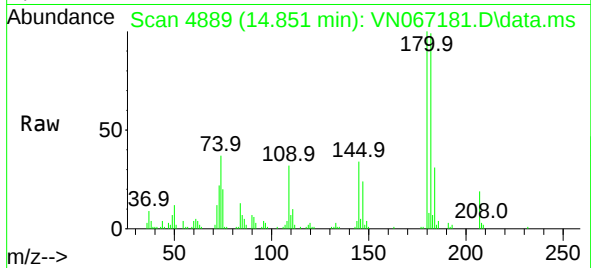
#93
1,2,4-Trichlorobenzene
Concen: 20.38 ug/l
RT: 14.851 min Scan# 4889
Delta R.T. -0.014 min
Lab File: VN067181.D
Acq: 28 May 2021 14:28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.3	141.8
145	32.7	14.0	42.0

Instrument :
MSVOA_N
ClientSampleId :
VN0528WBS01

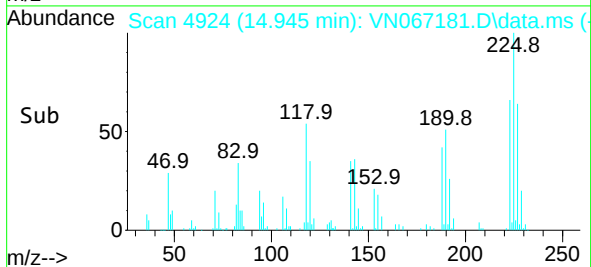
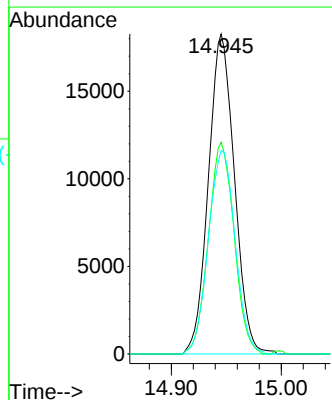
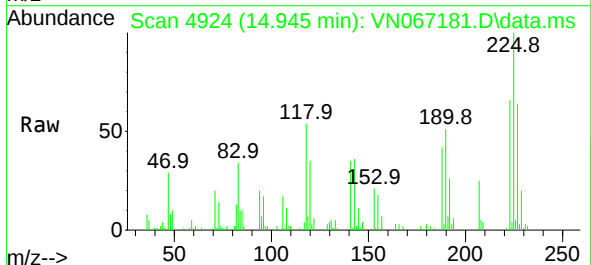
Manual Integrations
APPROVED

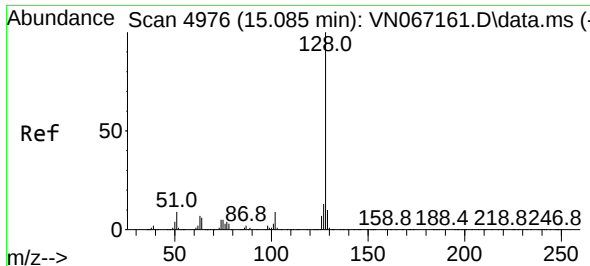
MMDadoda
6/1/2021 12:13:30 PM



#94
Hexachlorobutadiene
Concen: 19.99 ug/l
RT: 14.945 min Scan# 4924
Delta R.T. -0.017 min
Lab File: VN067181.D
Acq: 28 May 2021 14:28

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.3	31.7	95.1
227	65.5	31.7	95.1





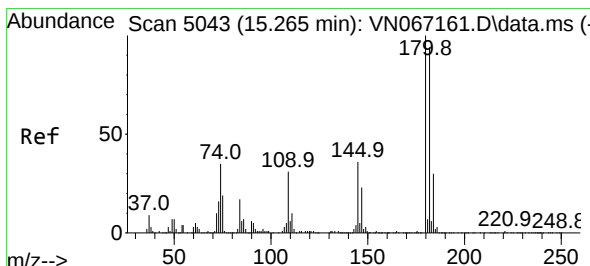
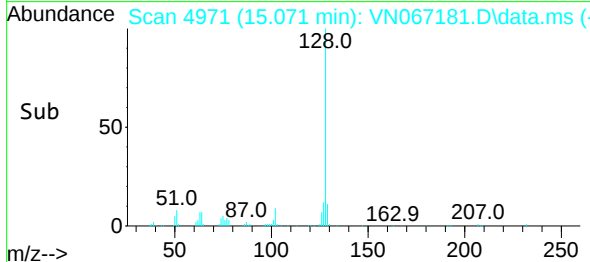
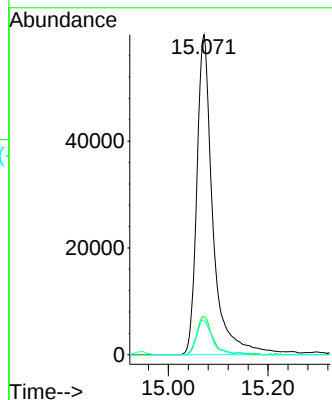
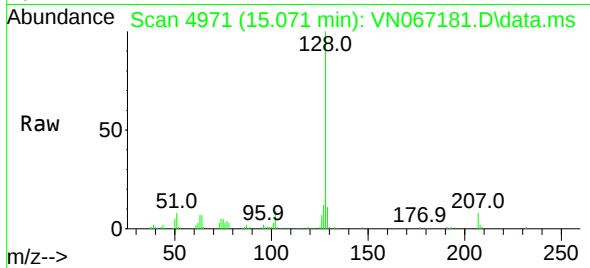
#95
Naphthalene
Concen: 17.99 ug/l
RT: 15.071 min Scan# 4971
Delta R.T. -0.014 min
Lab File: VN067181.D
Acq: 28 May 2021 14:28

Tgt Ion	Ratio	Lower	Upper
128	100		
127	11.5	10.2	15.2
129	10.4	8.6	13.0

Instrument :
MSVOA_N
ClientSampleId :
VN0528WBS01

Manual Integrations
APPROVED

MMDadoda
6/1/2021 12:13:30 PM



#96
1,2,3-Trichlorobenzene
Concen: 20.20 ug/l
RT: 15.248 min Scan# 5037
Delta R.T. -0.017 min
Lab File: VN067181.D
Acq: 28 May 2021 14:28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.4	48.5	145.6
145	34.2	15.4	46.2

