

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071421\
 Data File : VN067720.D
 Acq On : 13 Jul 2021 16:35
 Operator : JC/MD
 Sample : VSTDICCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Manual Integrations
 APPROVED

MMDadoda
 7/16/2021 10:42:29 AM

Quant Time: Jul 14 01:07:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N071421W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jul 14 01:07:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.659	128	66376	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.968	114	397684	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.747	117	381227	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.437	65	176386	33.253	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 110.833%#			
60) 4-Bromofluorobenzene	12.734	95	183951	30.018	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 100.067%			
63) Toluene-d8	10.443	98	529136	30.300	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 101.000%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	63615	18.678	ug/l	100
3) Chloromethane	2.301	50	84867	19.964	ug/l	100
4) Vinyl Chloride	2.443	62	132344	20.233	ug/l	100
5) Bromomethane	2.861	94	113039	20.575	ug/l	100
6) Chloroethane	3.020	64	102546	21.253	ug/l	100
7) Trichlorofluoromethane	3.371	101	256626	20.847	ug/l	100
8) Diethyl Ether	3.819	74	44532m	19.574	ug/l	
9) 1,1,2-Trichlorotrifluo...	4.202	101	67830	19.097	ug/l	100
10) 1,1-Dichloroethene	4.178	96	61791	18.674	ug/l	100
11) Methyl Iodide	4.420	142	75979	17.743	ug/l	100
12) Methyl Acetate	4.859	43	82292	18.576	ug/l	100
13) Acrolein	4.041	56	41562m	81.131	ug/l	
14) Acrylonitrile	5.559	53	178787	93.436	ug/l	100
15) Acetone	4.291	58	45534	88.159	ug/l	100
16) Carbon Disulfide	4.521	76	155221	17.733	ug/l	100
17) Allyl chloride	4.833	41	107653	19.075	ug/l	100
18) Methylene Chloride	5.093	84	81843	18.991	ug/l	100
19) trans-1,2-Dichloroethene	5.594	96	70942	18.313	ug/l	100
20) Diisopropyl ether	6.498	45	249725	18.833	ug/l	100
21) 1,1-Dichloroethane	6.383	63	140220	19.119	ug/l	100
22) cis-1,2-Dichloroethene	7.324	96	86310	18.395	ug/l	100
23) tert-Butyl Alcohol	5.388	59	68516	91.224	ug/l #	100
24) Methyl tert-Butyl Ether	5.621	73	249338	18.823	ug/l	100
25) Chloroform	7.818	83	155424	19.126	ug/l	100
26) Cyclohexane	8.094	56	119295	18.599	ug/l #	100
29) 1,1-Dichloropropene	8.223	75	111748	18.099	ug/l	100
30) 2-Butanone	7.340	43	254998	88.245	ug/l	100
31) 2,2-Dichloropropane	7.324	77	122691	17.352	ug/l	100
32) 1,1,1-Trichloroethane	8.016	97	134700	17.744	ug/l	100
33) Carbon Tetrachloride	8.204	117	112821	17.425	ug/l	100
34) Benzene	8.461	78	334610	18.033	ug/l	100
35) Methacrylonitrile	7.641	41	47565	16.112	ug/l	100
36) 1,2-Dichloroethane	8.531	62	131382	19.257	ug/l	100
37) Trichloroethene	9.218	130	85735	17.663	ug/l	100
38) Methylcyclohexane	9.462	83	122555	17.702	ug/l	100
39) 1,2-Dichloropropane	9.491	63	85034	18.199	ug/l	100
40) Dibromomethane	9.580	93	61061	17.794	ug/l	100
41) Bromodichloromethane	9.765	83	118763	17.864	ug/l	100
42) Vinyl Acetate	6.436	43	939179	81.217	ug/l	100

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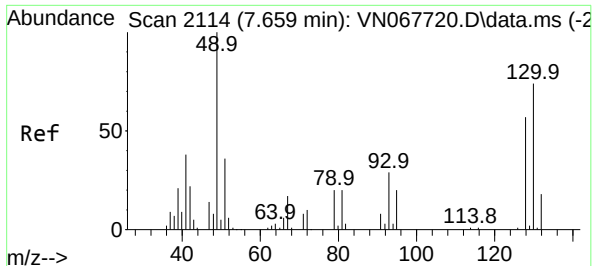
Manual Integrations
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N071421W.M
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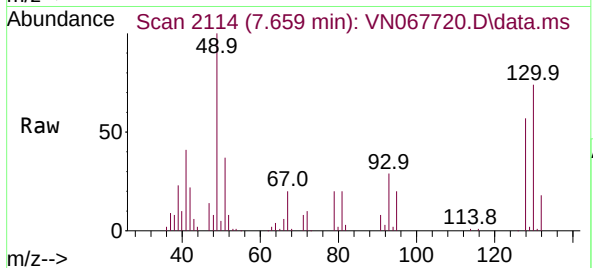
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.415	43	99300	16.459	ug/l	100
44) Isopropyl Acetate	8.563	43	186512	17.895	ug/l	100
45) 1,4-Dioxane	9.572	88	28605	353.798	ug/l	100
46) Methyl methacrylate	9.561	41	79516	17.502	ug/l	100
47) n-amyl Acetate	12.390	43	145213	16.767	ug/l	100
48) t-1,3-Dichloropropene	10.719	75	121593	16.795	ug/l	100
49) cis-1,3-Dichloropropene	10.191	75	131447	17.276	ug/l	100
50) 1,1,2-Trichloroethane	10.902	97	84368	17.508	ug/l	100
51) Ethyl methacrylate	10.762	69	129479	17.226	ug/l	100
52) 1,3-Dichloropropane	11.047	76	142914	17.968	ug/l	100
53) Dibromochloromethane	11.240	129	82828	16.190	ug/l	100
54) 1,2-Dibromoethane	11.347	107	86832	17.331	ug/l	100
55) 2-Chloroethyl vinyl ether	10.044	63	116250	74.035	ug/l	100
56) Bromoform	12.460	173	52370	14.624	ug/l #	100
58) 4-Methyl-2-Pentanone	10.333	43	581169	89.959	ug/l	100
59) 2-Hexanone	11.087	43	401589	88.150	ug/l	100
61) Tetrachloroethene	10.980	164	82439	17.493	ug/l	100
62) Toluene	10.508	91	400592	18.101	ug/l	100
64) Chlorobenzene	11.771	112	235488	17.645	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.843	131	83257	16.773	ug/l	100
66) Ethyl Benzene	11.846	91	438741	17.911	ug/l	100
67) m/p-Xylenes	11.953	106	333358	35.577	ug/l	100
68) o-Xylene	12.283	106	162875	17.582	ug/l	100
69) Styrene	12.296	104	267568	17.611	ug/l	100
70) Isopropylbenzene	12.581	105	423859	17.742	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.830	83	120924	17.866	ug/l	100
72) 1,2,3-Trichloropropane	12.884	75	109915m	19.005	ug/l	
73) Bromobenzene	12.865	156	92018	16.758	ug/l	100
74) n-propylbenzene	12.924	91	491537	18.056	ug/l	100
75) 2-Chlorotoluene	13.010	91	295624	18.084	ug/l	100
76) 1,3,5-Trimethylbenzene	13.061	105	352046	17.817	ug/l	100
77) t-1,4-Dichloro-2-butene	12.629	75	30066	15.370	ug/l	100
78) 4-Chlorotoluene	13.106	91	296855	18.320	ug/l	100
79) tert-butylbenzene	13.326	119	298367	17.818	ug/l	100
80) 1,2,4-Trimethylbenzene	13.369	105	348650m	17.927	ug/l	
81) sec-Butylbenzene	13.503	105	422635	18.181	ug/l	100
82) p-Isopropyltoluene	13.619	119	337659	17.431	ug/l	100
83) 1,3-Dichlorobenzene	13.619	146	174492	17.012	ug/l	100
84) 1,4-Dichlorobenzene	13.696	146	170956	17.212	ug/l	100
85) n-Butylbenzene	13.946	91	281650	17.547	ug/l	100
86) Hexachloroethane	14.211	117	53483	16.169	ug/l	100
87) 1,2-Dichlorobenzene	13.991	146	168243	17.336	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	14.603	75	20868	16.980	ug/l	100
89) 1,2,4-Trichlorobenzene	15.265	180	69901	15.291	ug/l	100
90) Hexachlorobutadiene	15.370	225	38654	17.765	ug/l	100
91) Naphthalene	15.507	128	189133	15.117	ug/l	100
92) 1,2,3-Trichlorobenzene	15.703	180	66721	15.339	ug/l	100

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.659 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VN067720.D
Acq: 13 Jul 2021 16:35

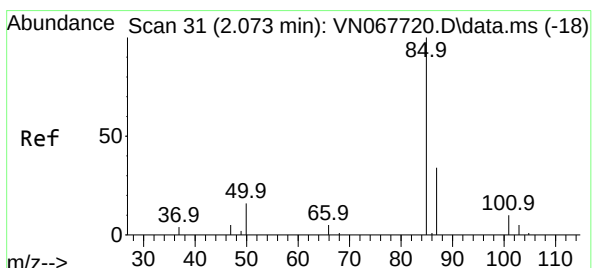
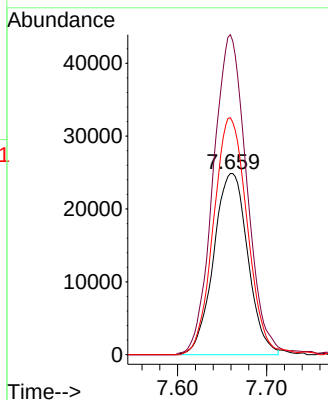
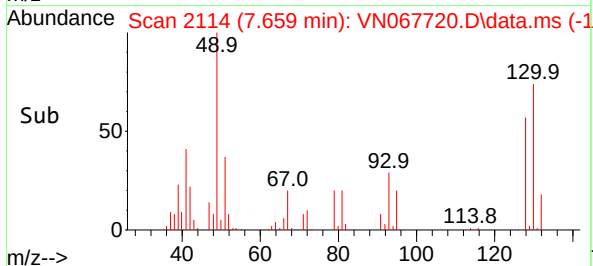
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



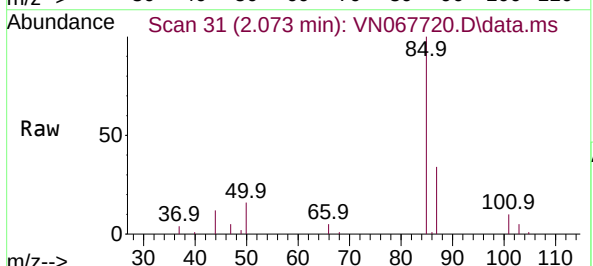
Tgt Ion:128 Resp: 66376
Ion Ratio Lower Upper
128 100
49 173.2 0.0 433.0
130 129.5 0.0 323.8

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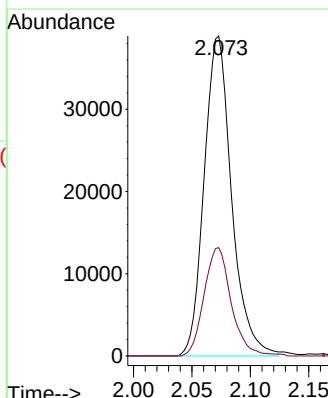
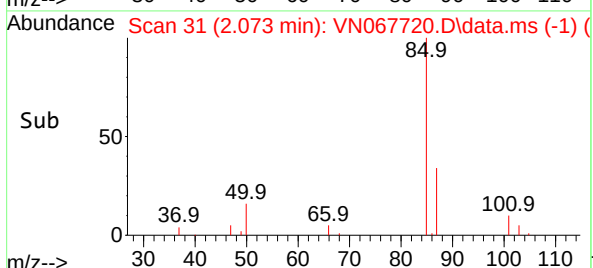
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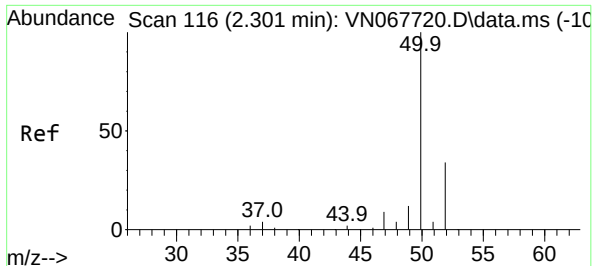


#2
Dichlorodifluoromethane
Concen: 18.678 ug/l
RT: 2.073 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN067720.D
Acq: 13 Jul 2021 16:35



Tgt Ion: 85 Resp: 63615
Ion Ratio Lower Upper
85 100
87 33.9 17.0 50.9





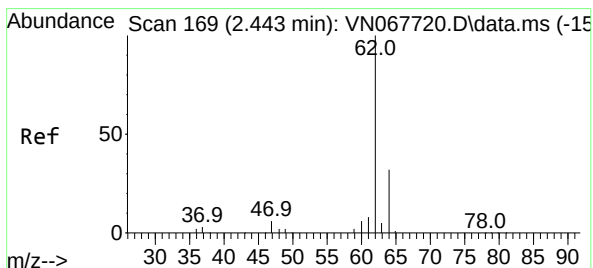
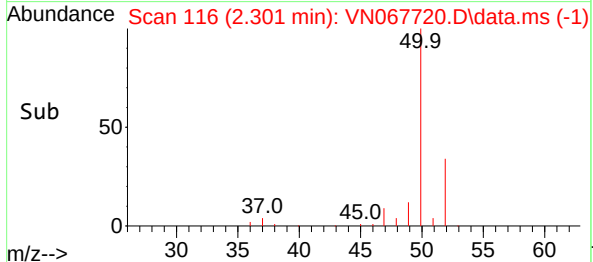
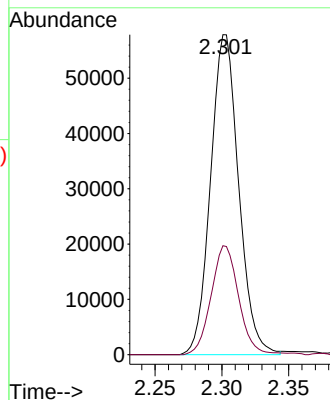
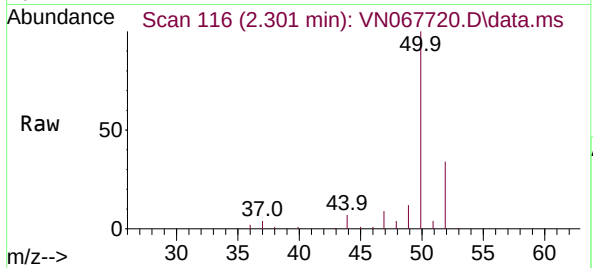
#3
Chloromethane
Concen: 19.964 ug/l
RT: 2.301 min Scan# 116
Delta R.T. 0.000 min
Lab File: VN067720.D
Acq: 13 Jul 2021 16:35

Tgt Ion: 50 Resp: 84867
Ion Ratio Lower Upper
50 100
52 34.0 27.2 40.8

Instrument :
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ClientSampleId :
VSTDICCC020

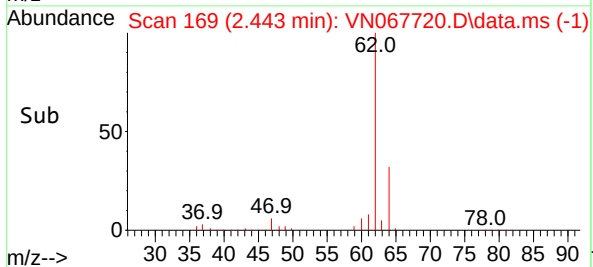
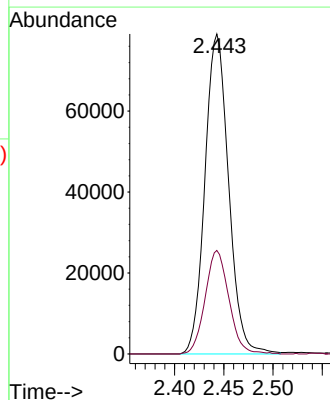
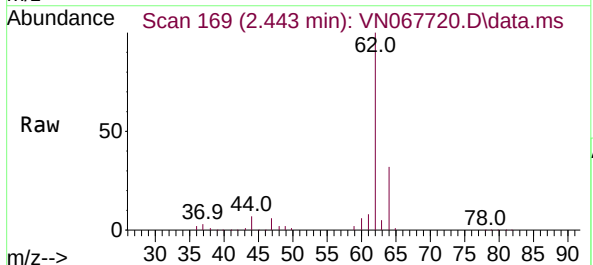
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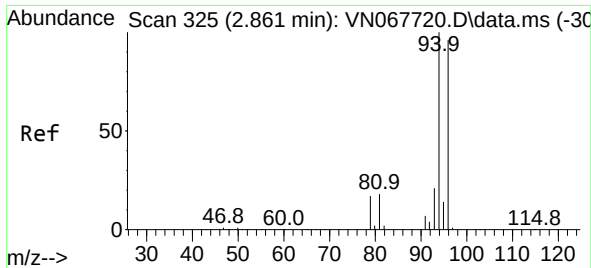
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#4
Vinyl Chloride
Concen: 20.233 ug/l
RT: 2.443 min Scan# 169
Delta R.T. 0.000 min
Lab File: VN067720.D
Acq: 13 Jul 2021 16:35

Tgt Ion: 62 Resp: 132344
Ion Ratio Lower Upper
62 100
64 32.4 25.9 38.9





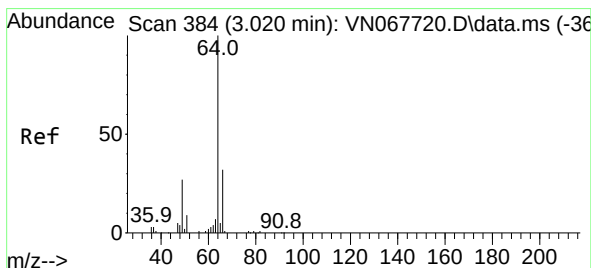
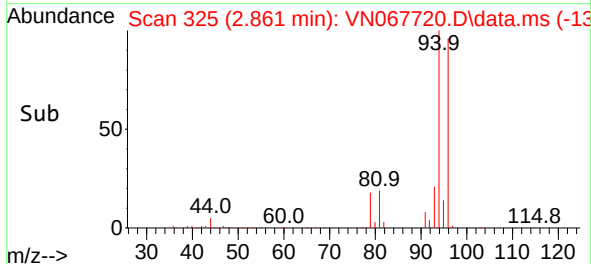
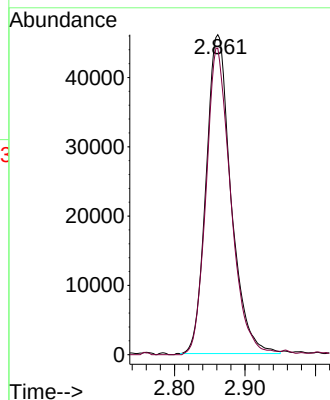
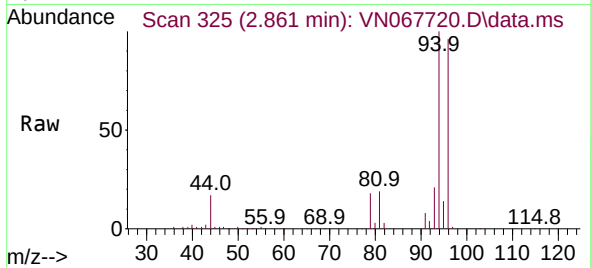
#5
Bromomethane
Concen: 20.575 ug/l
RT: 2.861 min Scan# 325
Delta R.T. 0.000 min
Lab File: VN067720.D
Acq: 13 Jul 2021 16:35

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 94 Resp: 113039
Ion Ratio Lower Upper
94 100
96 96.1 76.9 115.3

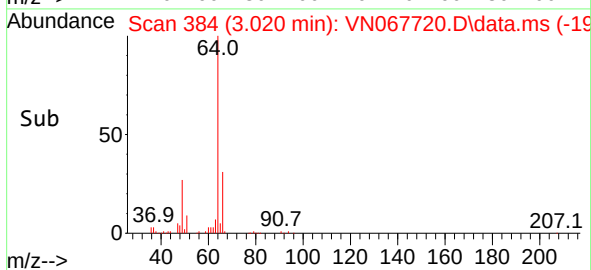
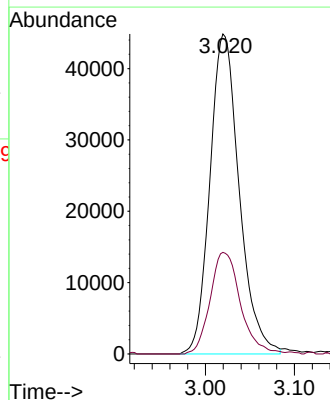
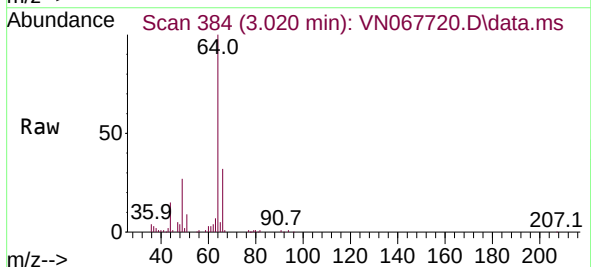
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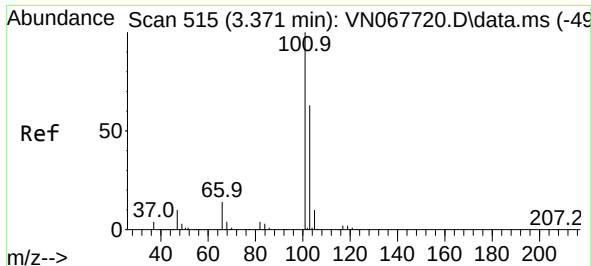
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#6
Chloroethane
Concen: 21.253 ug/l
RT: 3.020 min Scan# 384
Delta R.T. 0.000 min
Lab File: VN067720.D
Acq: 13 Jul 2021 16:35

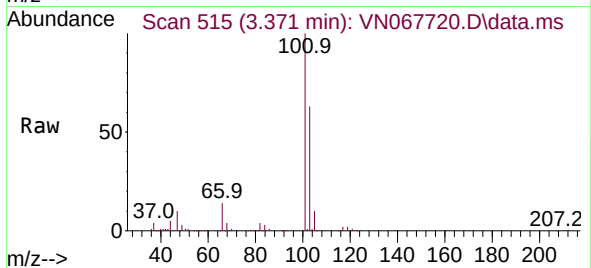
Tgt Ion: 64 Resp: 102546
Ion Ratio Lower Upper
64 100
66 31.7 25.4 38.0





#7
 Trichlorofluoromethane
 Concen: 20.847 ug/l
 RT: 3.371 min Scan# 515
 Delta R.T. 0.000 min
 Lab File: VN067720.D
 Acq: 13 Jul 2021 16:35

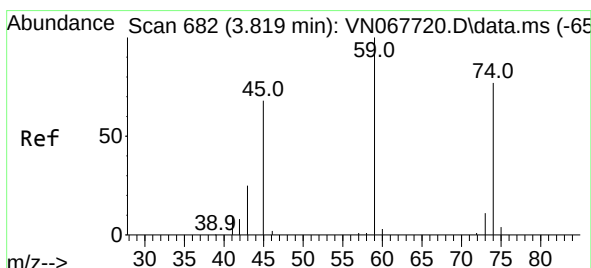
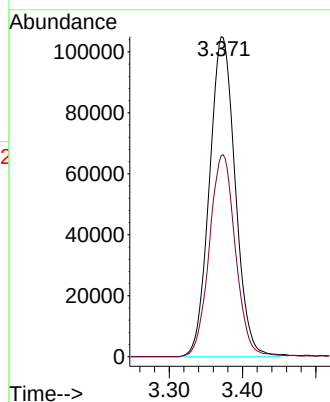
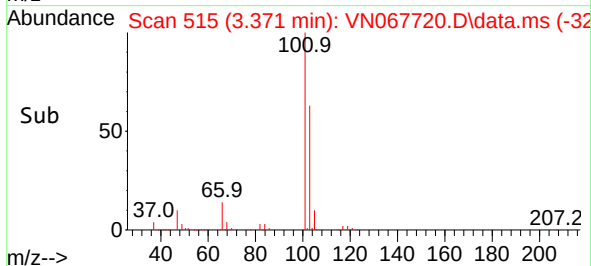
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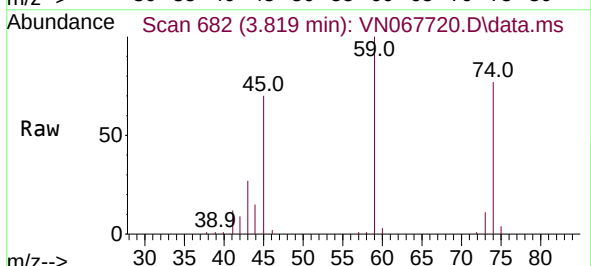
Tgt Ion:101 Resp: 256626
 Ion Ratio Lower Upper
 101 100
 103 62.9 50.3 75.5

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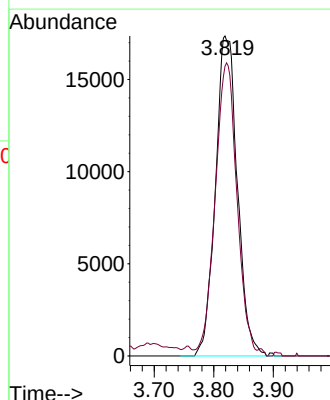
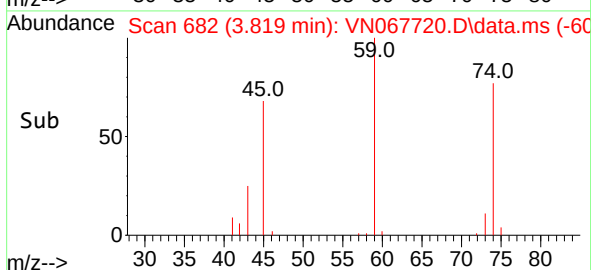
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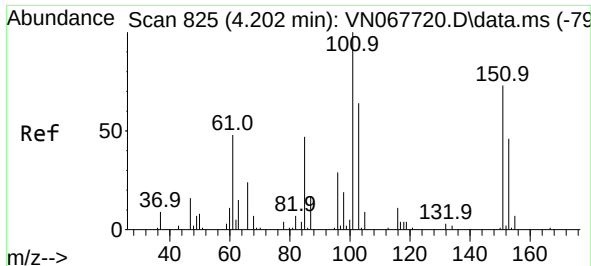


#8
 Diethyl Ether
 Concen: 19.574 ug/l m
 RT: 3.819 min Scan# 682
 Delta R.T. 0.000 min
 Lab File: VN067720.D
 Acq: 13 Jul 2021 16:35



Tgt Ion: 74 Resp: 44532
 Ion Ratio Lower Upper
 74 100
 45 87.3 17.5 157.1





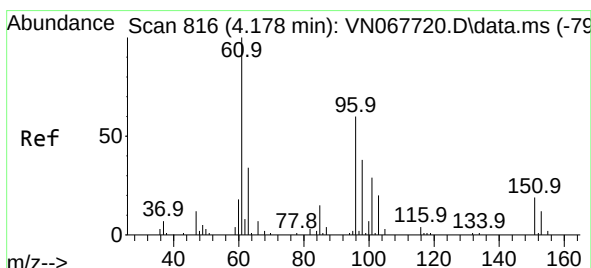
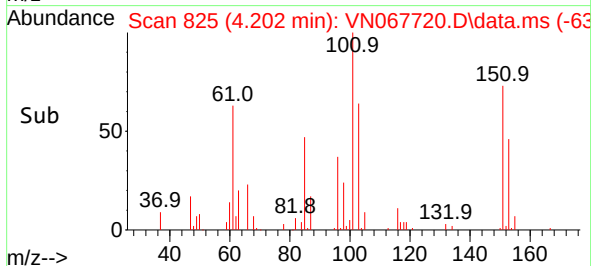
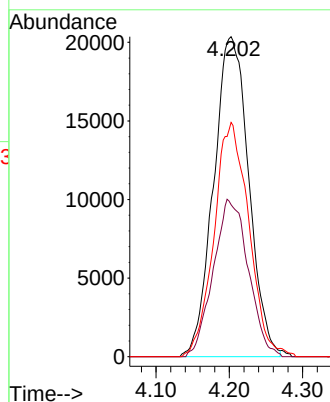
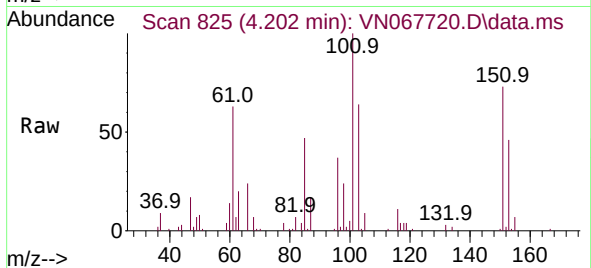
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 1,1,2-Trichlorotrifluoroethane
 Concen: 19.097 ug/l
 RT: 4.202 min Scan# 825
 Delta R.T. 0.000 min
 Lab File: VN067720.D
 Acq: 13 Jul 2021 16:35

Tgt Ion:101 Resp: 67830
 Ion Ratio Lower Upper
 101 100
 85 49.0 0.0 98.0
 151 71.9 0.0 143.8

Instrument :
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 VSTDICCC020

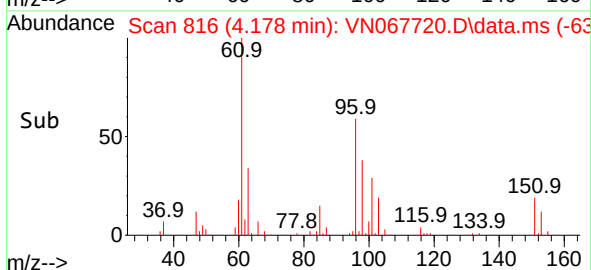
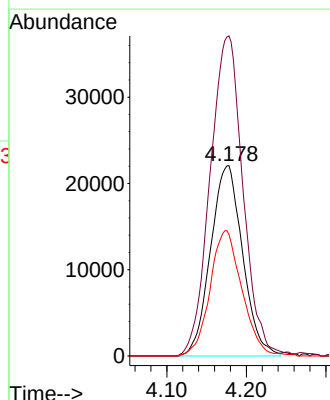
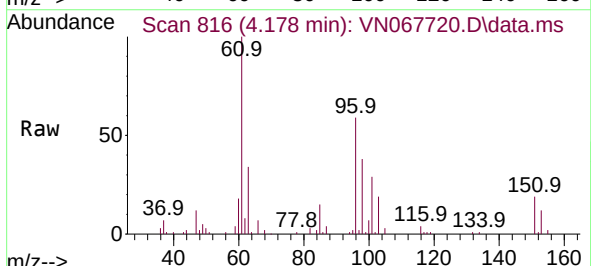
Manual Integrations
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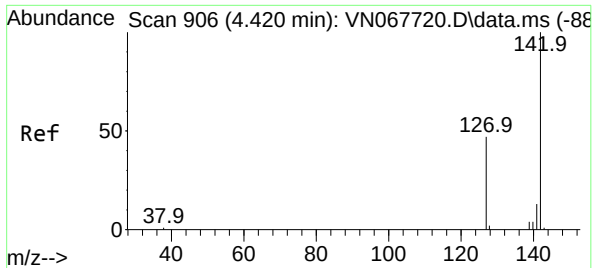
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#10
 1,1-Dichloroethene
 Concen: 18.674 ug/l
 RT: 4.178 min Scan# 816
 Delta R.T. 0.000 min
 Lab File: VN067720.D
 Acq: 13 Jul 2021 16:35

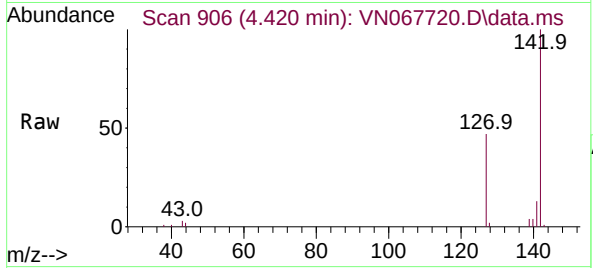
Tgt Ion: 96 Resp: 61791
 Ion Ratio Lower Upper
 96 100
 61 167.4 133.9 200.9
 98 63.1 50.5 75.7





#11
Methyl Iodide
Concen: 17.743 ug/l
RT: 4.420 min Scan# 906
Delta R.T. 0.000 min
Lab File: VN067720.D
Acq: 13 Jul 2021 16:35

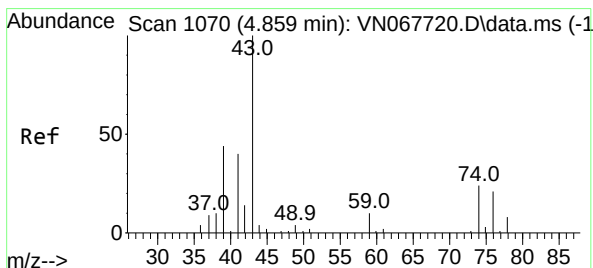
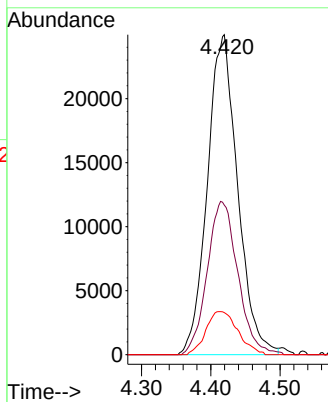
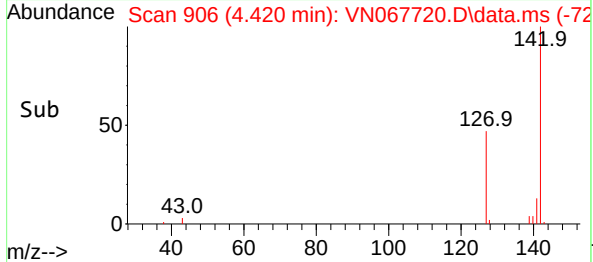
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



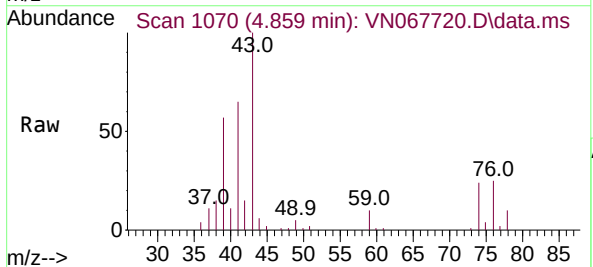
Tgt Ion:	142	Resp:	75979
Ion	Ratio	Lower	Upper
142	100		
127	46.8	23.4	70.2
141	13.3	6.7	20.0

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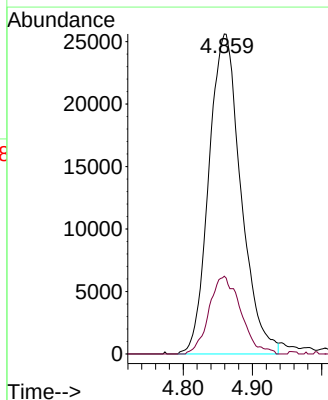
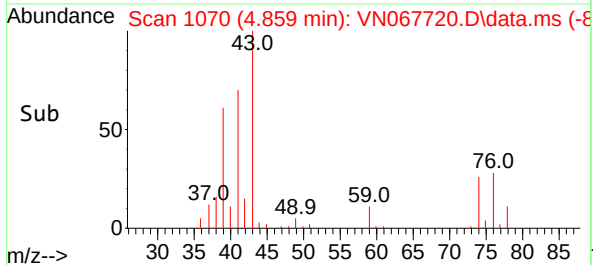
MMDadoda
7/16/2021 10:42:29 AM

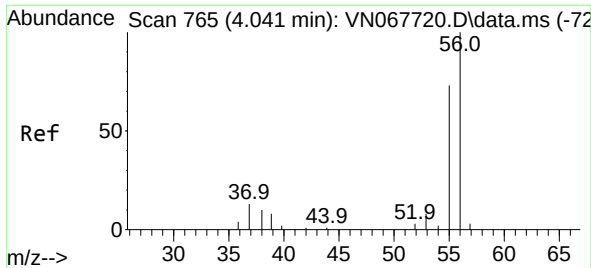


#12
Methyl Acetate
Concen: 18.576 ug/l
RT: 4.859 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VN067720.D
Acq: 13 Jul 2021 16:35



Tgt Ion:	43	Resp:	82292
Ion	Ratio	Lower	Upper
43	100		
74	24.7	19.8	29.6





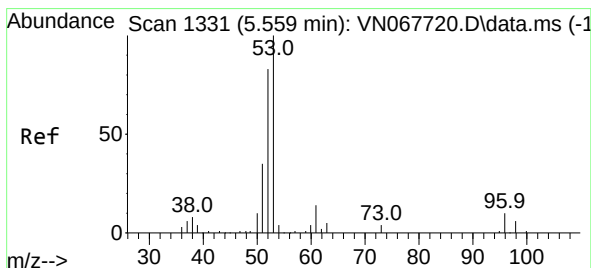
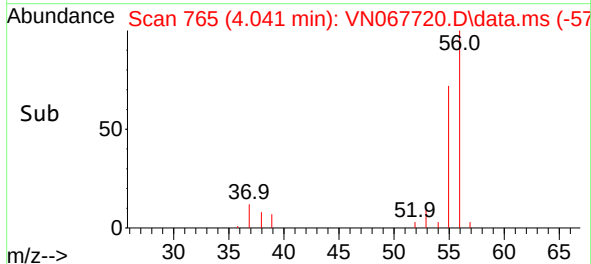
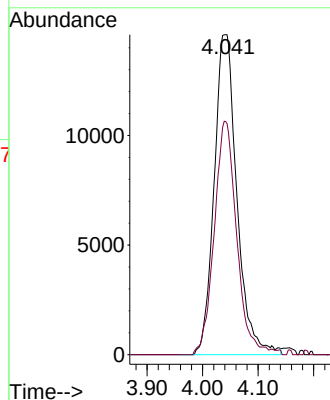
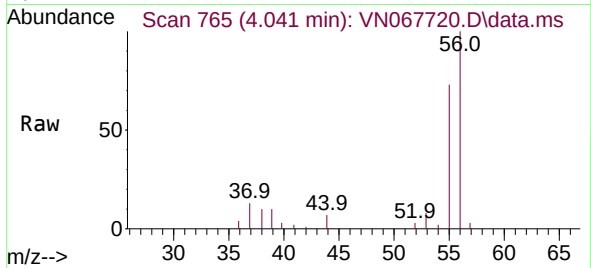
#13
Acrolein
Concen: 81.131 ug/l m
RT: 4.041 min Scan# 765
Delta R.T. 0.000 min
Lab File: VN067720.D
Acq: 13 Jul 2021 16:35

Tgt Ion: 56 Resp: 41562
Ion Ratio Lower Upper
56 100
55 0.1 0.2 0.2#

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

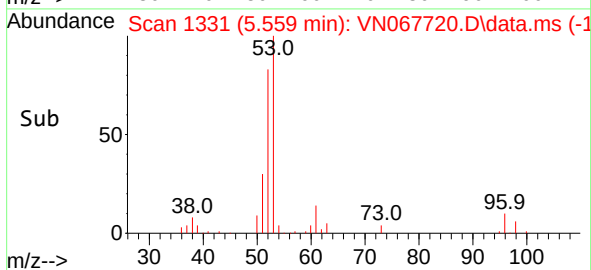
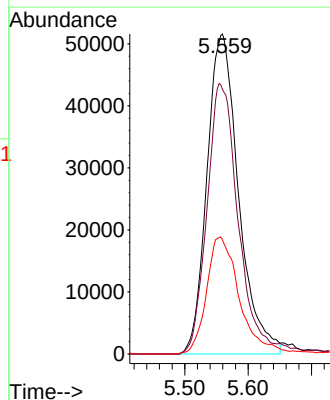
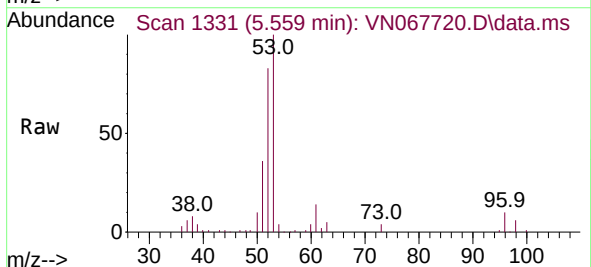
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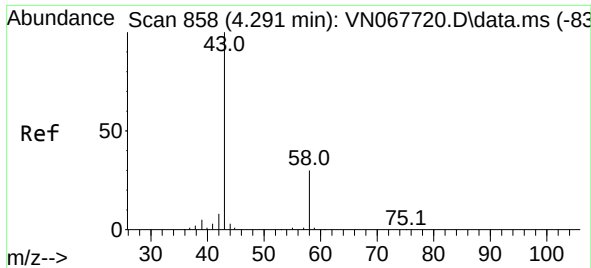
MMDadoda
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#14
Acrylonitrile
Concen: 93.436 ug/l
RT: 5.559 min Scan# 1331
Delta R.T. 0.000 min
Lab File: VN067720.D
Acq: 13 Jul 2021 16:35

Tgt Ion: 53 Resp: 178787
Ion Ratio Lower Upper
53 100
52 82.5 41.3 123.7
51 36.7 18.4 55.0





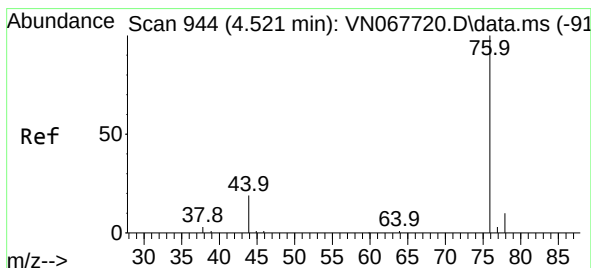
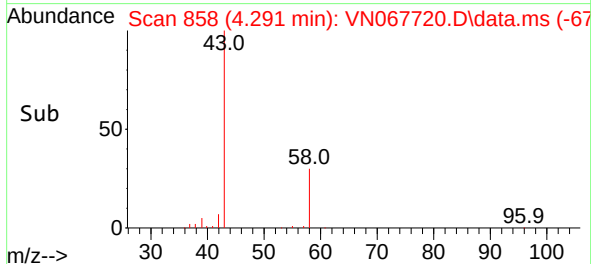
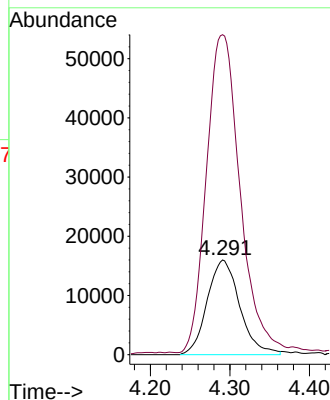
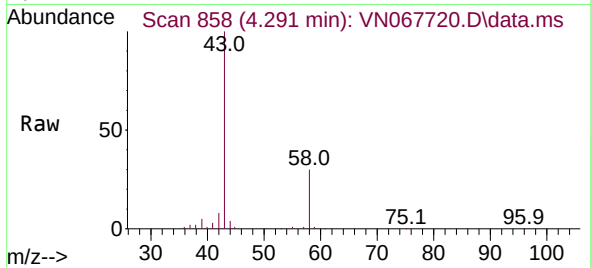
#15
Acetone
Concen: 88.159 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.000 min
Lab File: VN067720.D
Acq: 13 Jul 2021 16:35

Tgt Ion: 58 Resp: 45534
Ion Ratio Lower Upper
58 100
43 335.3 268.2 402.4

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC020

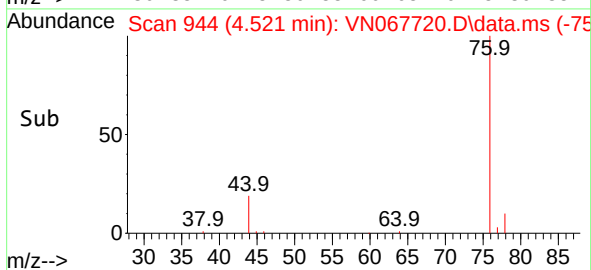
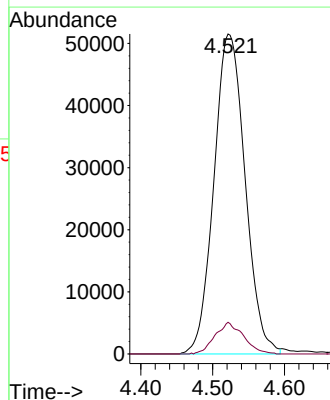
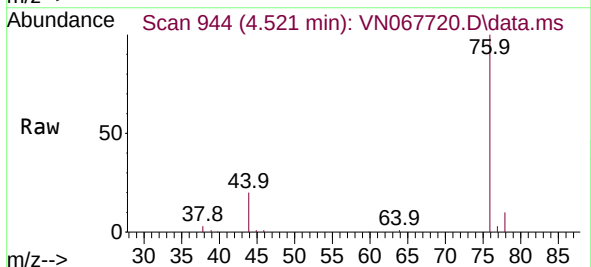
Manual Integrations
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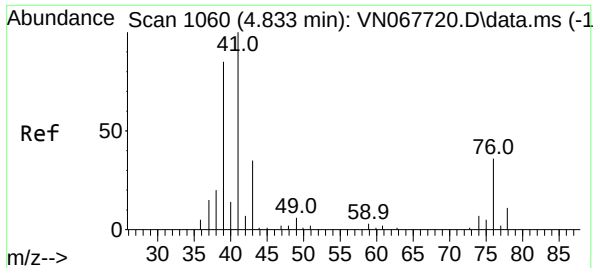
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#16
Carbon Disulfide
Concen: 17.733 ug/l
RT: 4.521 min Scan# 944
Delta R.T. 0.000 min
Lab File: VN067720.D
Acq: 13 Jul 2021 16:35

Tgt Ion: 76 Resp: 155221
Ion Ratio Lower Upper
76 100
78 9.9 7.9 11.9





#17

Allyl chloride

Concen: 19.075 ug/l

RT: 4.833 min Scan# 1060

Delta R.T. 0.000 min

Lab File: VN067720.D

Acq: 13 Jul 2021 16:35

Tgt Ion:	41	Resp:	107653
Ion	Ratio	Lower	Upper
41	100		
39	84.9	42.4	127.3
76	35.9	17.9	53.8

Instrument :

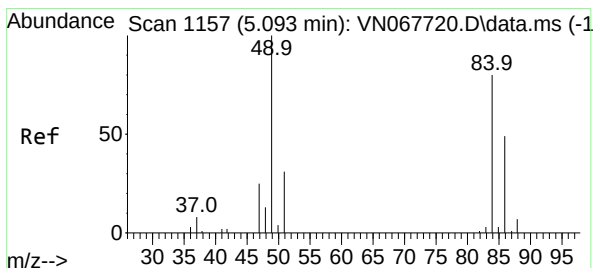
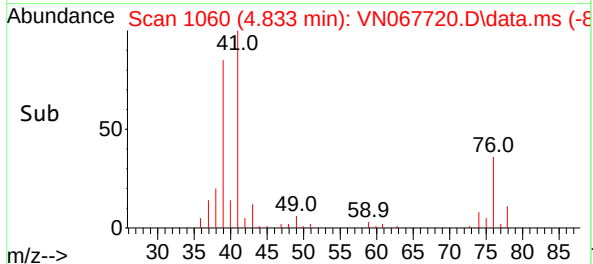
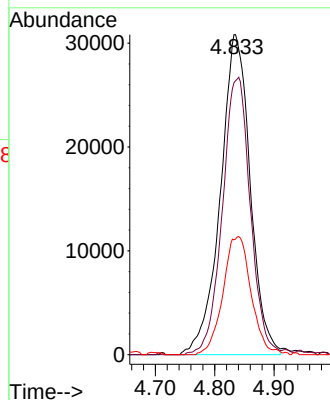
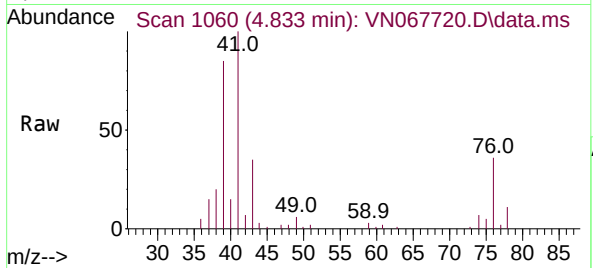
MSVOA_N

ClientSampled :

VSTDICCC020

Manual Integrations
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#18

Methylene Chloride

Concen: 18.991 ug/l

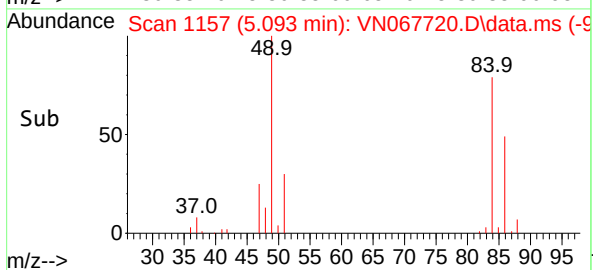
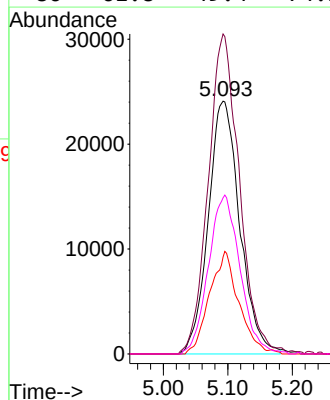
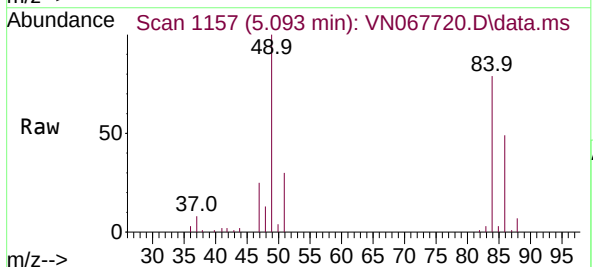
RT: 5.093 min Scan# 1157

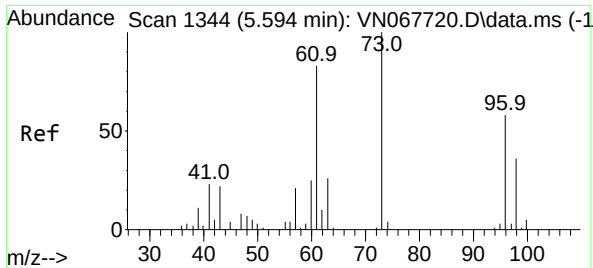
Delta R.T. 0.000 min

Lab File: VN067720.D

Acq: 13 Jul 2021 16:35

Tgt Ion:	84	Resp:	81843
Ion	Ratio	Lower	Upper
84	100		
49	125.6	100.5	150.7
51	38.4	30.7	46.1
86	61.8	49.4	74.2





#19

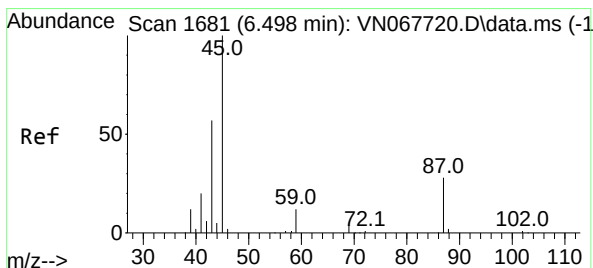
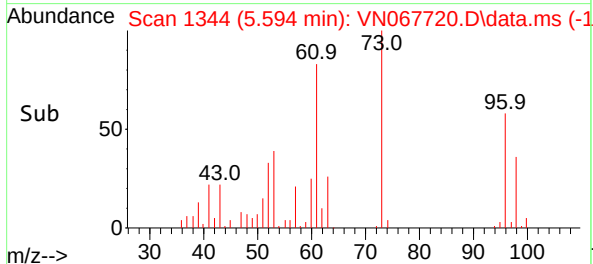
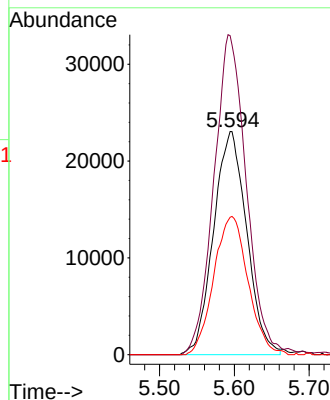
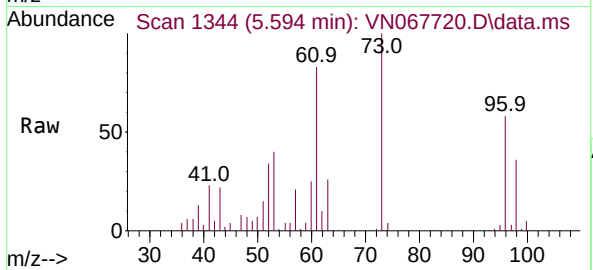
trans-1,2-Dichloroethene
Concen: 18.313 ug/l
RT: 5.594 min Scan# 1344
Delta R.T. 0.000 min
Lab File: VN067720.D
Acq: 13 Jul 2021 16:35

Tgt Ion:	96	Resp:	70942
Ion	Ratio	Lower	Upper
96	100		
61	142.9	114.3	171.5
98	61.6	49.3	73.9

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

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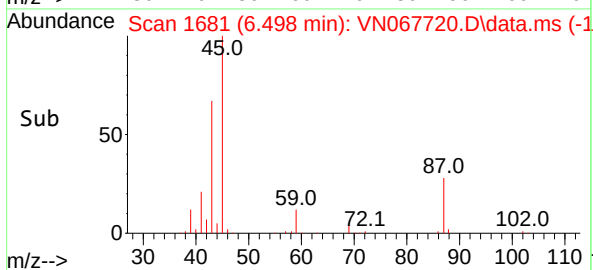
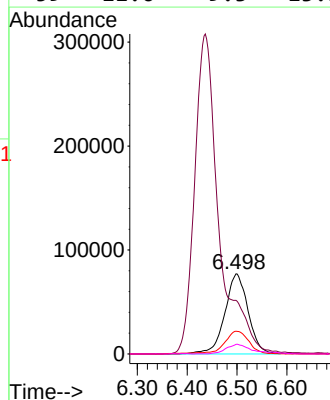
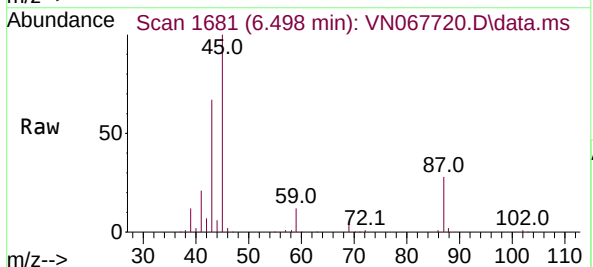
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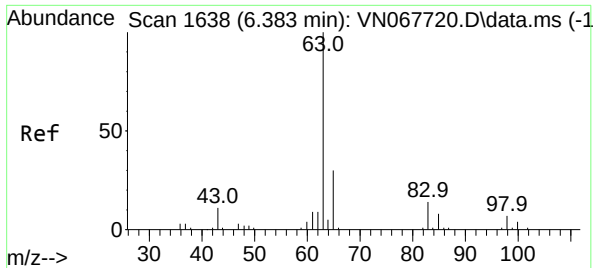


#20

Diisopropyl ether
Concen: 18.833 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VN067720.D
Acq: 13 Jul 2021 16:35

Tgt Ion:	45	Resp:	249725
Ion	Ratio	Lower	Upper
45	100		
43	64.7	51.8	77.6
87	28.1	22.5	33.7
59	11.6	9.3	13.9





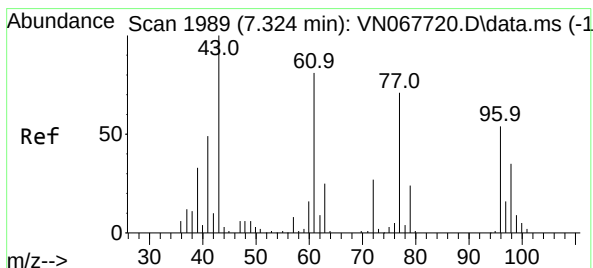
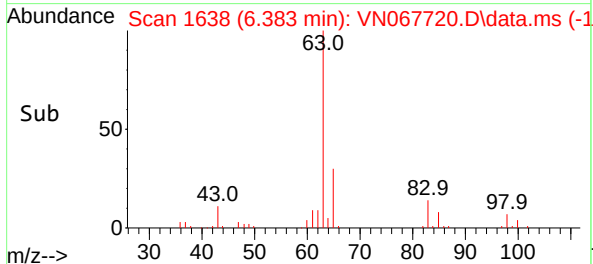
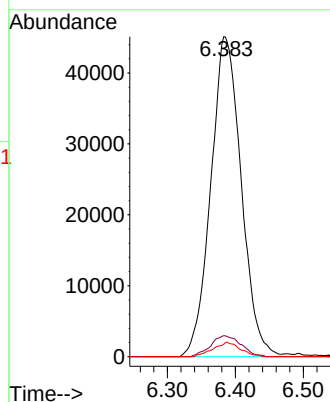
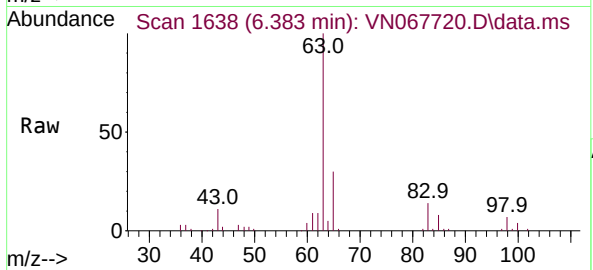
#21
1,1-Dichloroethane
Concen: 19.119 ug/l
RT: 6.383 min Scan# 1638
Delta R.T. 0.000 min
Lab File: VN067720.D
Acq: 13 Jul 2021 16:35

Tgt Ion:	63	Resp:	140220
Ion Ratio	Lower	Upper	
63	100		
98	6.5	3.3	9.8
100	3.9	2.0	5.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

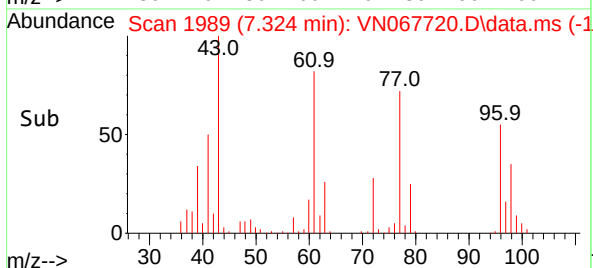
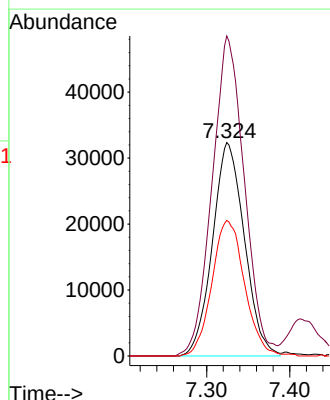
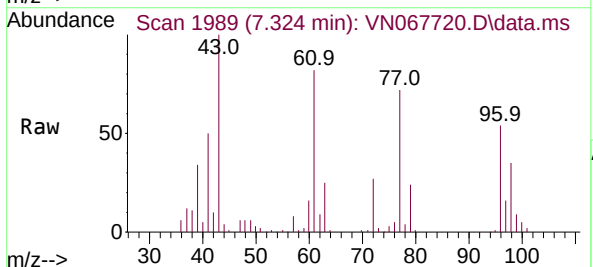
Manual Integrations
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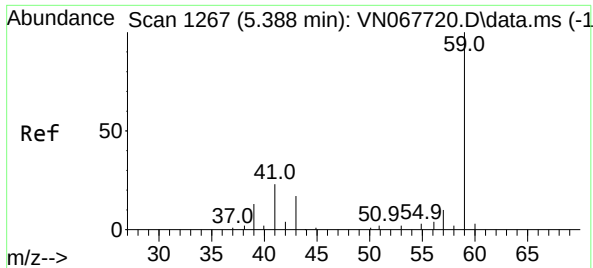
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#22
cis-1,2-Dichloroethene
Concen: 18.395 ug/l
RT: 7.324 min Scan# 1989
Delta R.T. 0.000 min
Lab File: VN067720.D
Acq: 13 Jul 2021 16:35

Tgt Ion:	96	Resp:	86310
Ion Ratio	Lower	Upper	
96	100		
61	151.5	121.2	181.8
98	64.8	51.8	77.8





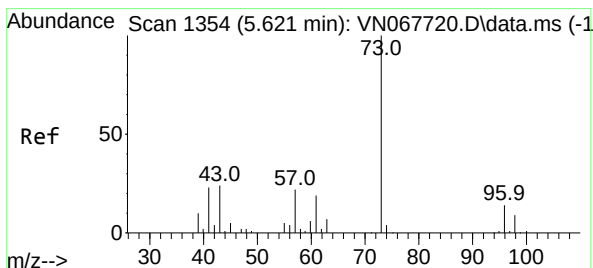
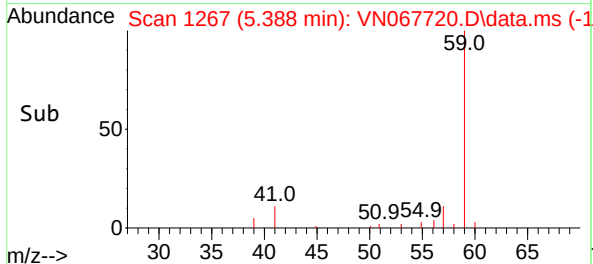
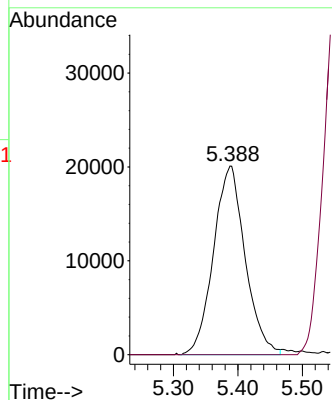
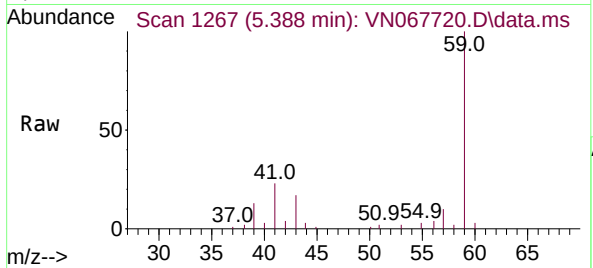
#23
tert-Butyl Alcohol
Concen: 91.224 ug/l
RT: 5.388 min Scan# 1267
Delta R.T. 0.000 min
Lab File: VN067720.D
Acq: 13 Jul 2021 16:35

Tgt Ion: 59 Resp: 68516
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

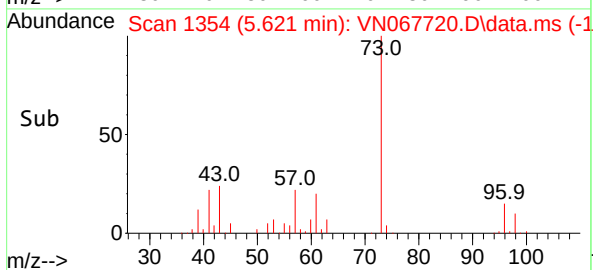
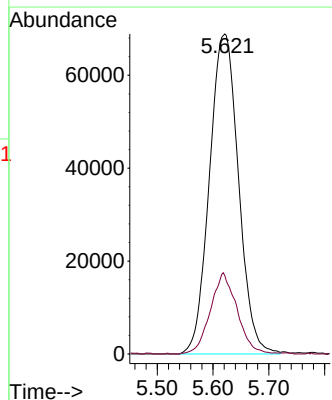
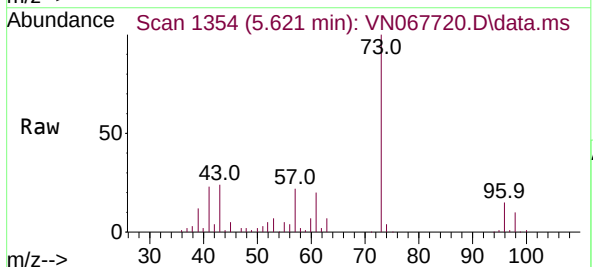
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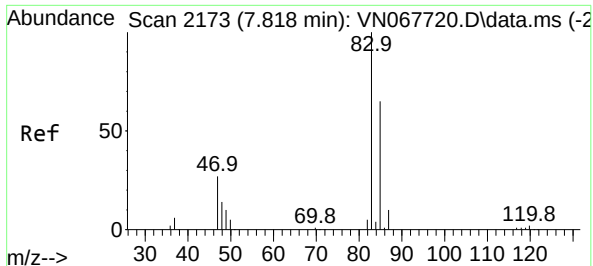
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#24
Methyl tert-Butyl Ether
Concen: 18.823 ug/l
RT: 5.621 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VN067720.D
Acq: 13 Jul 2021 16:35

Tgt Ion: 73 Resp: 249338
Ion Ratio Lower Upper
73 100
43 23.2 18.6 27.8





#25

Chloroform

Concen: 19.126 ug/l

RT: 7.818 min Scan# 2173

Delta R.T. 0.000 min

Lab File: VN067720.D

Acq: 13 Jul 2021 16:35

Tgt Ion: 83 Resp: 155424

Ion Ratio Lower Upper

83 100

85 65.4 52.3 78.5

Instrument :

MSVOA_N

ClientSampleId :

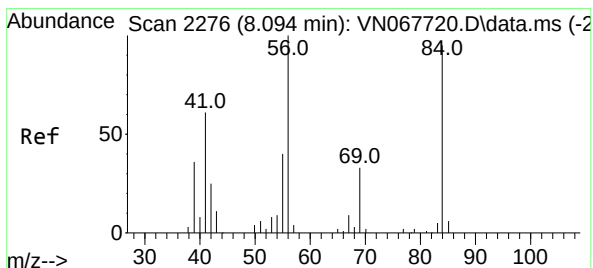
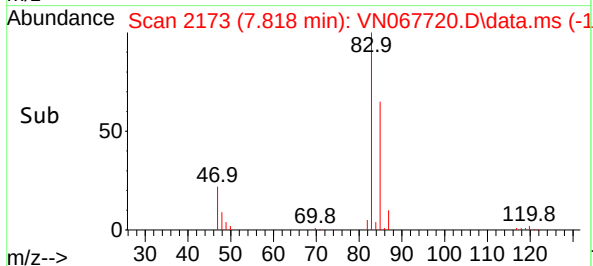
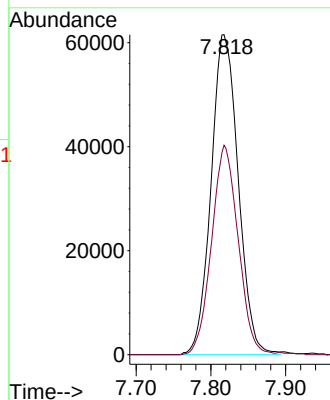
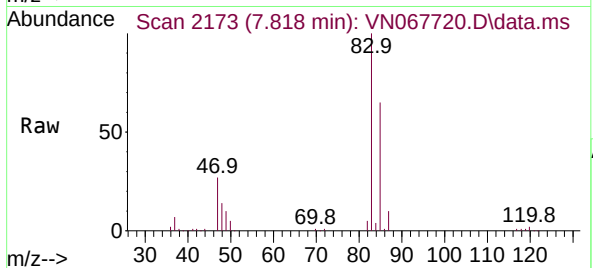
VSTDICCC020

Manual Integrations

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#26

Cyclohexane

Concen: 18.599 ug/l

RT: 8.094 min Scan# 2276

Delta R.T. 0.000 min

Lab File: VN067720.D

Acq: 13 Jul 2021 16:35

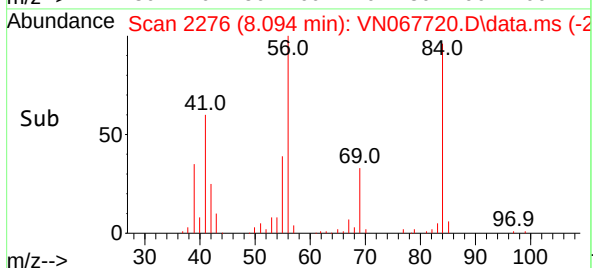
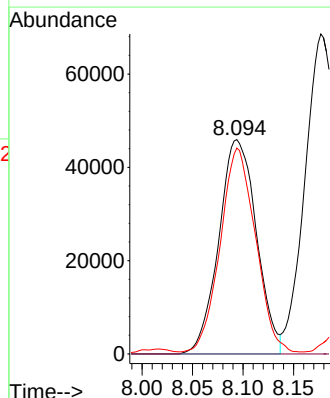
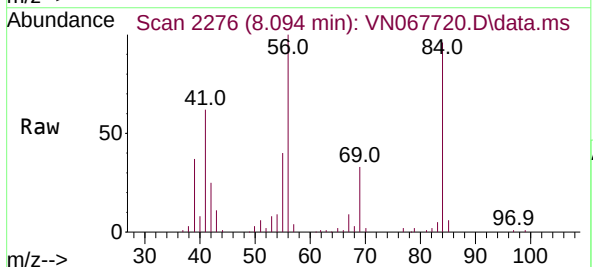
Tgt Ion: 56 Resp: 119295

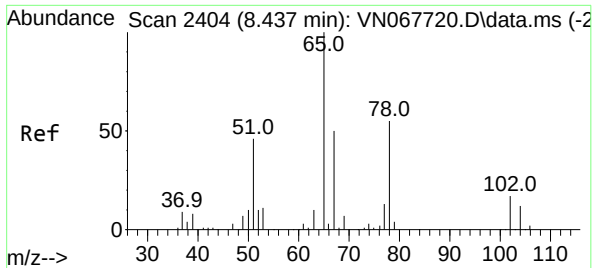
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 89.2 71.4 107.0





#27

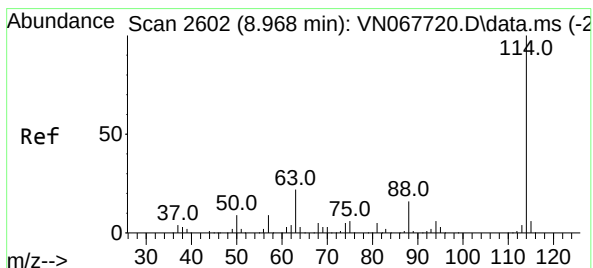
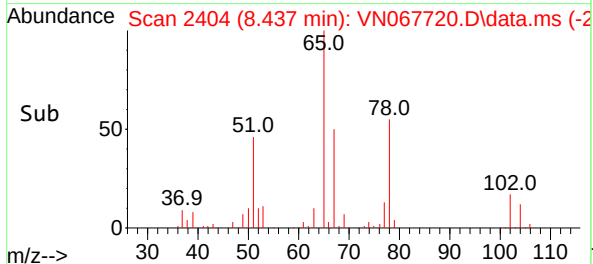
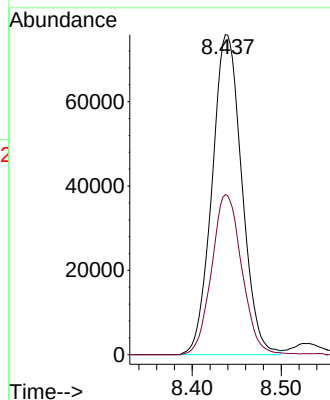
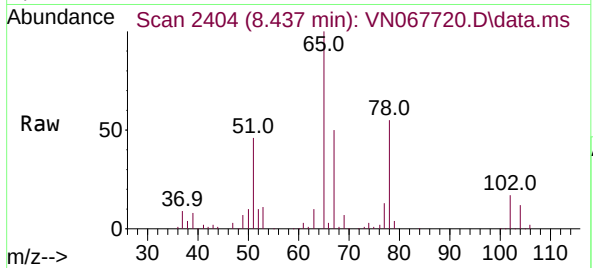
1,2-Dichloroethane-d4
Concen: 33.253 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.000 min
Lab File: VN067720.D
Acq: 13 Jul 2021 16:35

Tgt Ion: 65 Resp: 176386
Ion Ratio Lower Upper
65 100
67 50.7 40.6 60.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations
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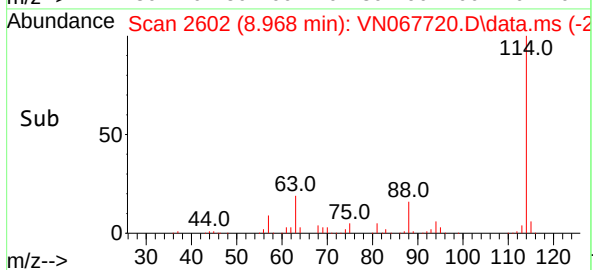
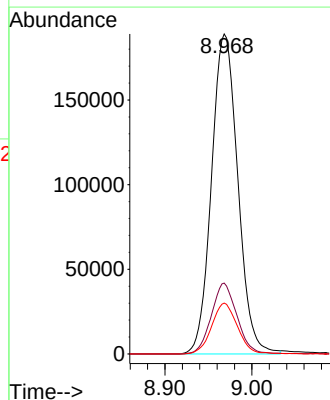
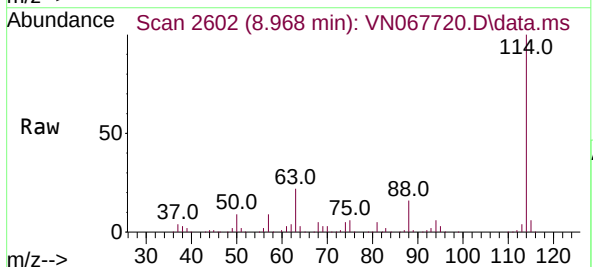
MMDadoda
7/16/2021 10:42:29 AM

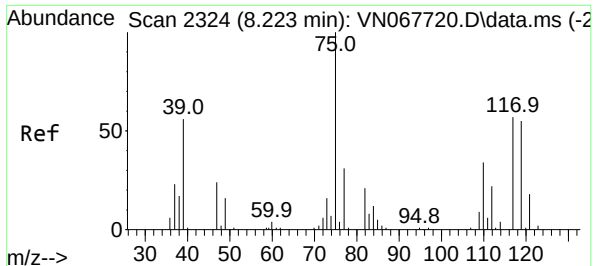


#28

1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.000 min
Lab File: VN067720.D
Acq: 13 Jul 2021 16:35

Tgt Ion: 114 Resp: 397684
Ion Ratio Lower Upper
114 100
63 21.5 17.2 25.8
88 15.5 12.4 18.6





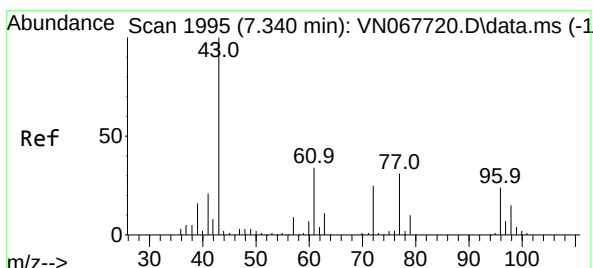
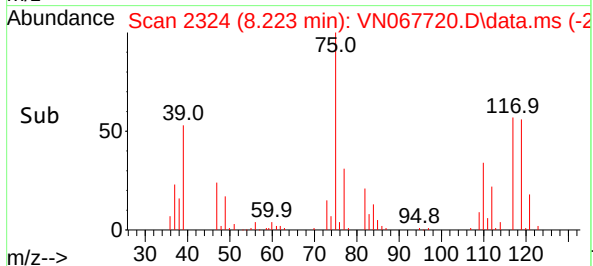
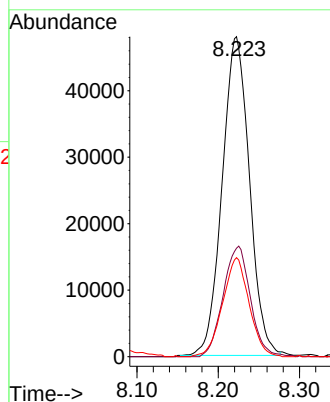
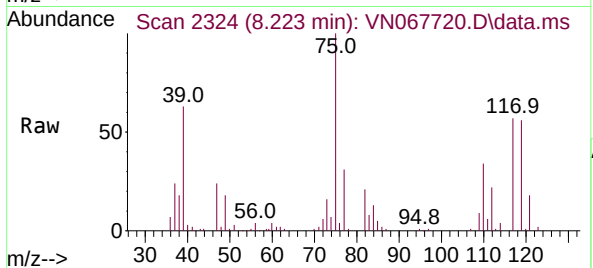
#29
1,1-Dichloropropene
Concen: 18.099 ug/l
RT: 8.223 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VN067720.D
Acq: 13 Jul 2021 16:35

Tgt Ion: 75 Resp: 111748
Ion Ratio Lower Upper
75 100
110 34.6 0.0 69.2
77 30.2 0.0 60.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

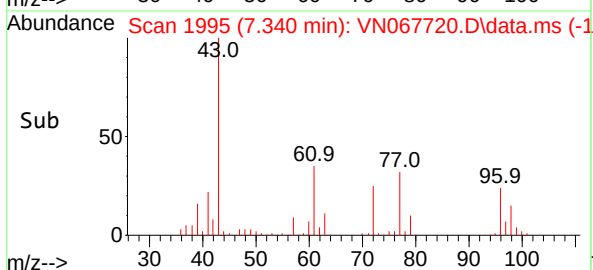
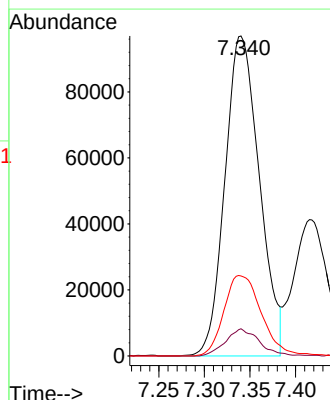
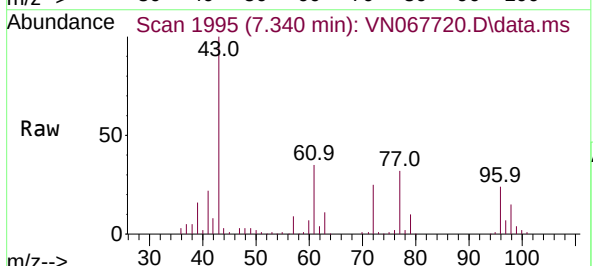
Manual Integrations
APPROVED

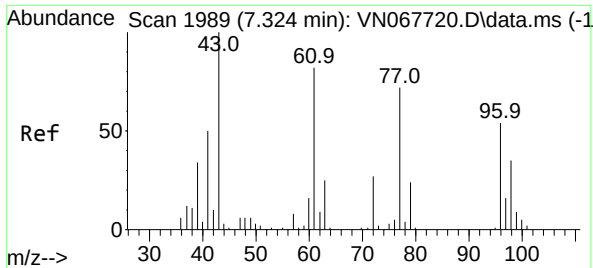
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7/16/2021 10:42:29 AM



#30
2-Butanone
Concen: 88.245 ug/l
RT: 7.340 min Scan# 1995
Delta R.T. 0.000 min
Lab File: VN067720.D
Acq: 13 Jul 2021 16:35

Tgt Ion: 43 Resp: 254998
Ion Ratio Lower Upper
43 100
57 8.2 6.6 9.8
72 27.2 21.8 32.6





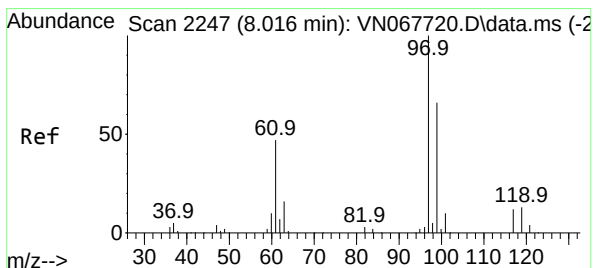
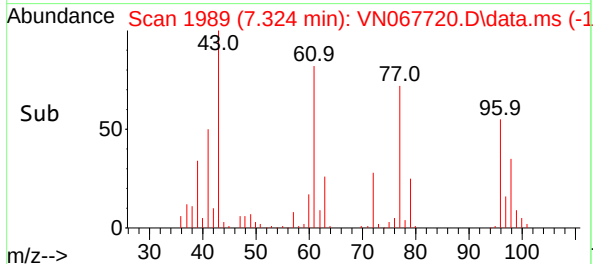
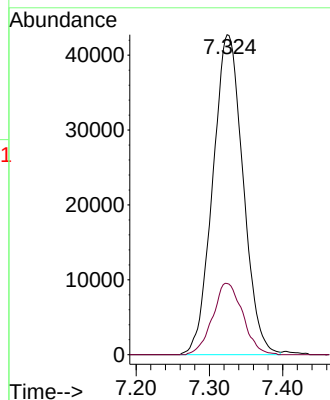
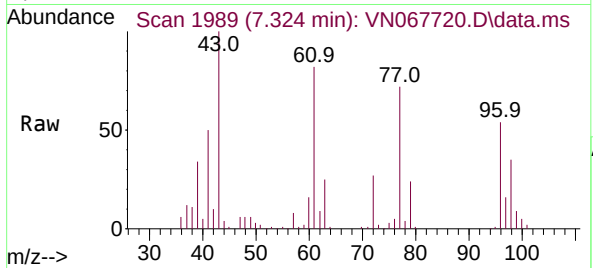
#31
2,2-Dichloropropane
Concen: 17.352 ug/l
RT: 7.324 min Scan# 1989
Delta R.T. 0.000 min
Lab File: VN067720.D
Acq: 13 Jul 2021 16:35

Tgt Ion: 77 Resp: 122691
Ion Ratio Lower Upper
77 100
97 22.2 17.8 26.6

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC020

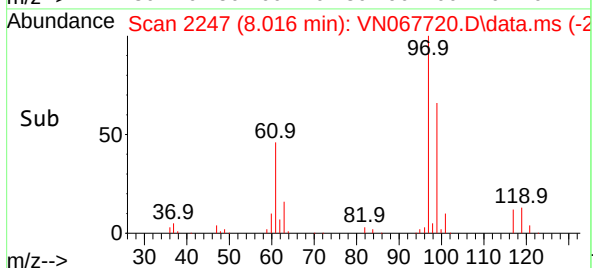
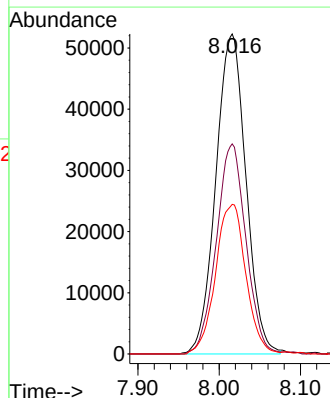
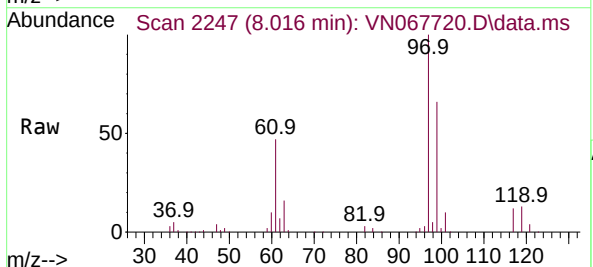
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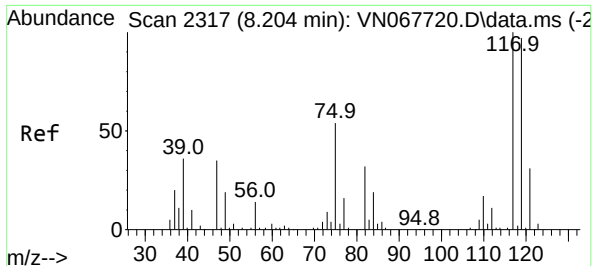
MMDadoda
7/16/2021 10:42:29 AM



#32
1,1,1-Trichloroethane
Concen: 17.744 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. 0.000 min
Lab File: VN067720.D
Acq: 13 Jul 2021 16:35

Tgt Ion: 97 Resp: 134700
Ion Ratio Lower Upper
97 100
99 64.5 51.6 77.4
61 47.0 37.6 56.4





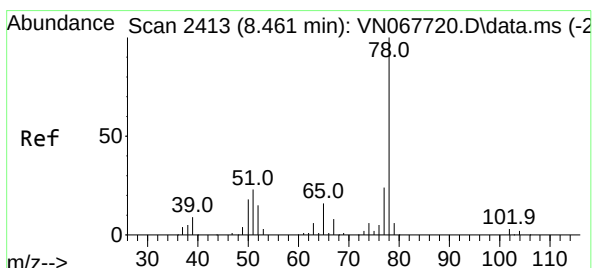
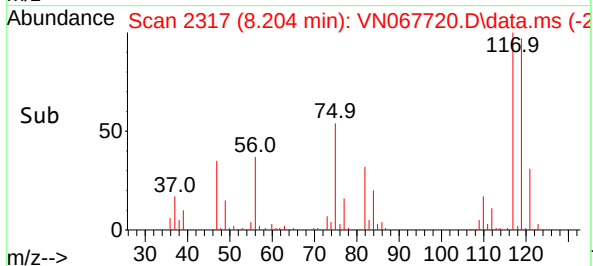
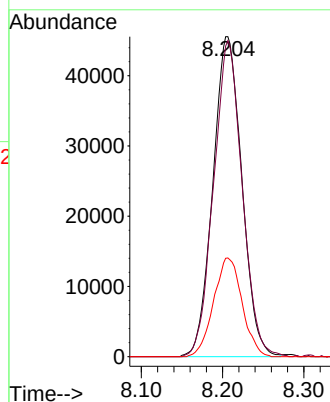
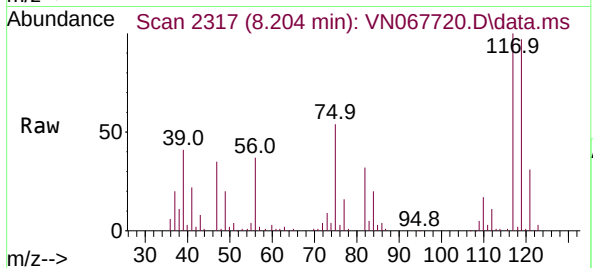
#33
Carbon Tetrachloride
Concen: 17.425 ug/l
RT: 8.204 min Scan# 2317
Delta R.T. 0.000 min
Lab File: VN067720.D
Acq: 13 Jul 2021 16:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:117 Resp: 112821
Ion Ratio Lower Upper
117 100
119 97.0 77.6 116.4
121 30.7 24.6 36.8

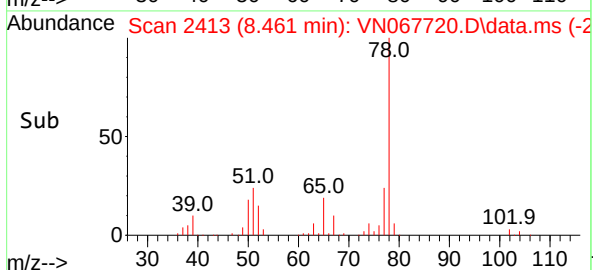
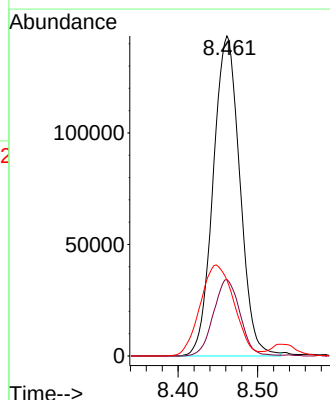
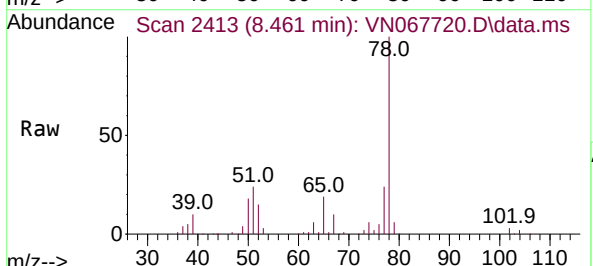
Manual Integrations
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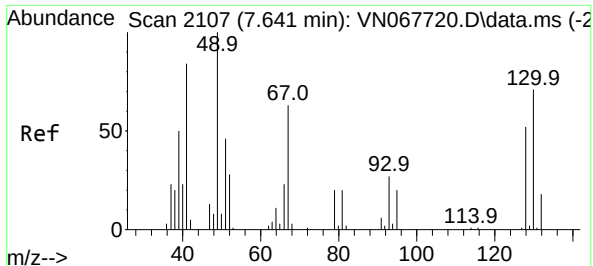
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#34
Benzene
Concen: 18.033 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN067720.D
Acq: 13 Jul 2021 16:35

Tgt Ion: 78 Resp: 334610
Ion Ratio Lower Upper
78 100
77 23.9 19.1 28.7
51 22.8 18.2 27.4





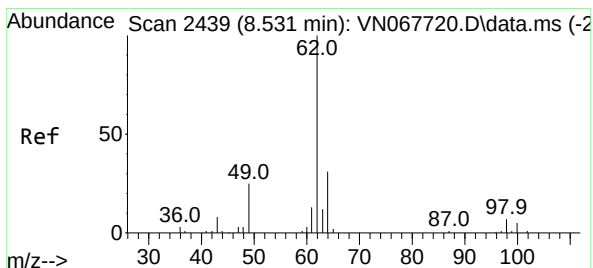
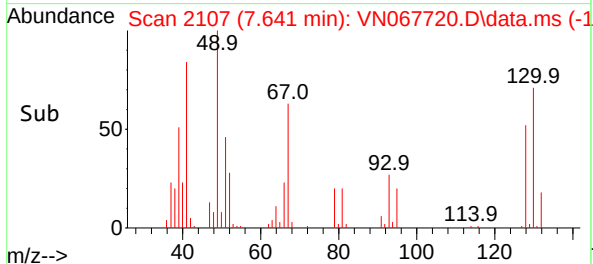
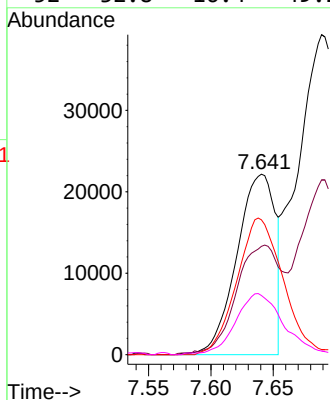
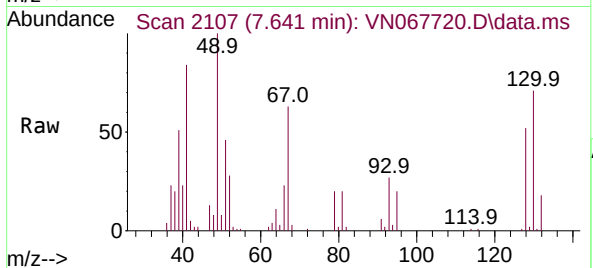
#35
Methacrylonitrile
Concen: 16.112 ug/l
RT: 7.641 min Scan# 2107
Delta R.T. 0.000 min
Lab File: VN067720.D
Acq: 13 Jul 2021 16:35

Tgt Ion:	41	Resp:	47565
Ion	Ratio	Lower	Upper
41	100		
39	59.3	29.6	88.9
67	74.8	37.4	112.2
52	32.8	16.4	49.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

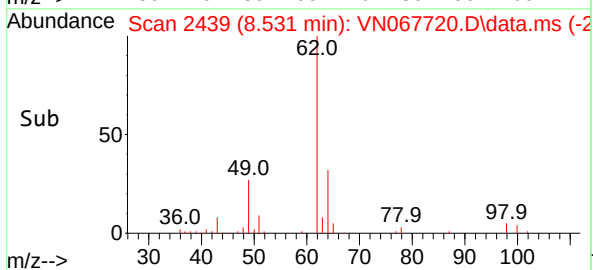
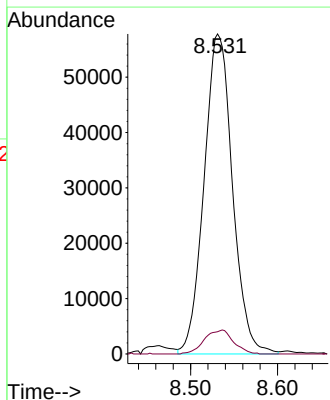
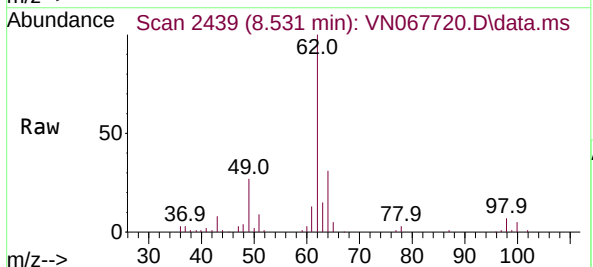
Manual Integrations
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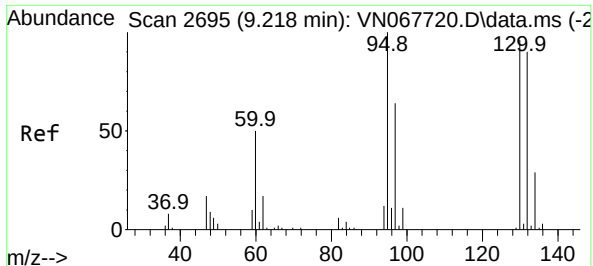
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#36
1,2-Dichloroethane
Concen: 19.257 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. 0.000 min
Lab File: VN067720.D
Acq: 13 Jul 2021 16:35

Tgt Ion:	62	Resp:	131382
Ion	Ratio	Lower	Upper
62	100		
98	7.7	6.2	9.2





#37

Trichloroethene

Concen: 17.663 ug/l

RT: 9.218 min Scan# 2695

Delta R.T. 0.000 min

Lab File: VN067720.D

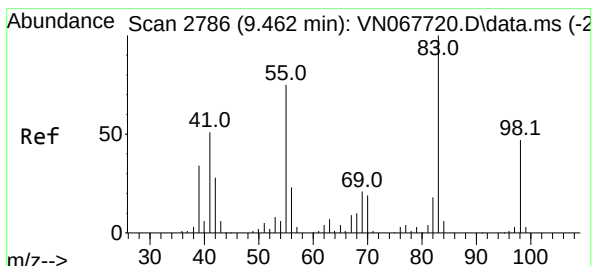
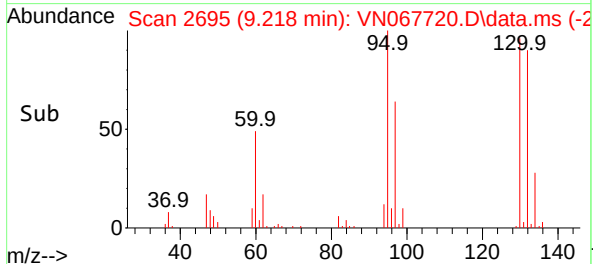
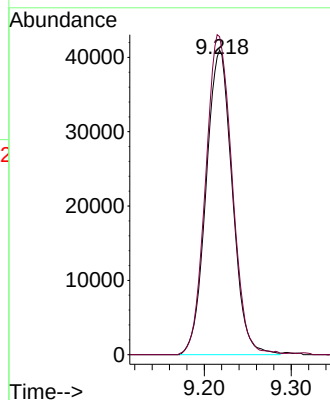
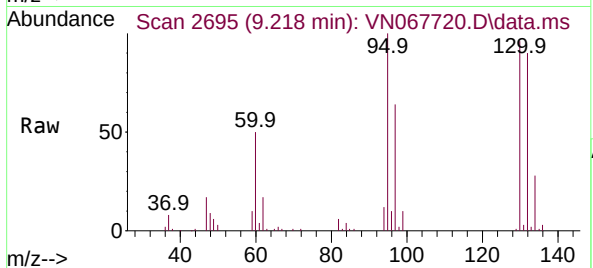
Acq: 13 Jul 2021 16:35

Tgt Ion:130 Resp: 85735

Ion Ratio Lower Upper

130 100

95 104.0 83.2 124.8



#38

Methylcyclohexane

Concen: 17.702 ug/l

RT: 9.462 min Scan# 2786

Delta R.T. 0.000 min

Lab File: VN067720.D

Acq: 13 Jul 2021 16:35

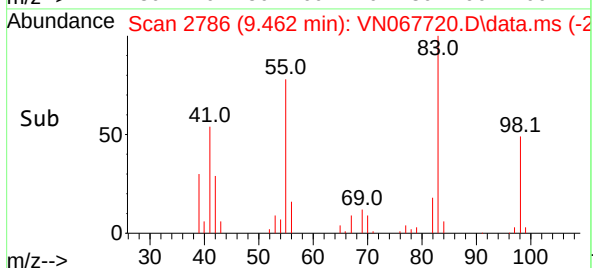
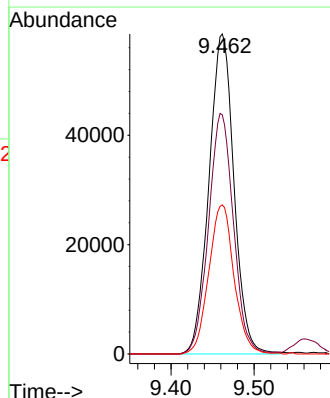
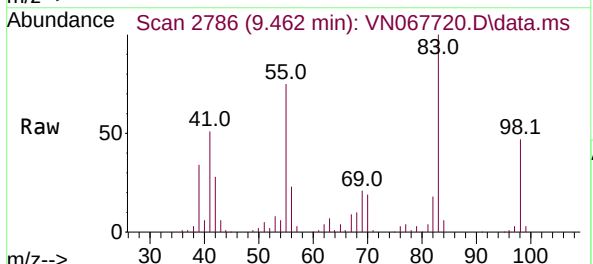
Tgt Ion: 83 Resp: 122555

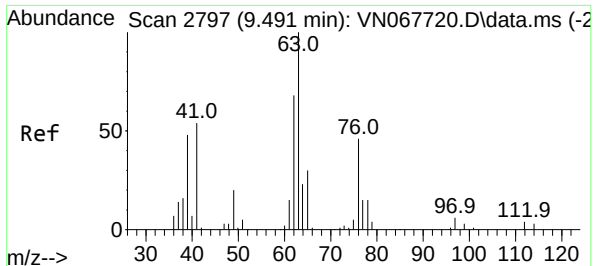
Ion Ratio Lower Upper

83 100

55 74.8 37.4 112.2

98 47.1 23.5 70.6





#39

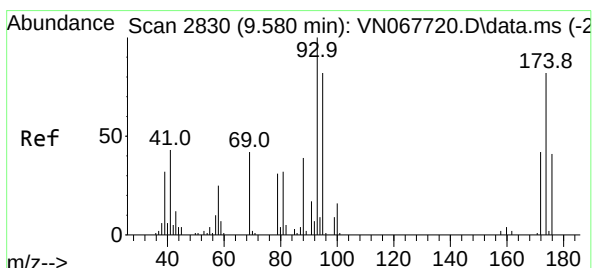
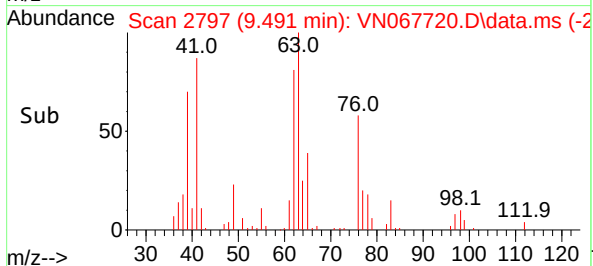
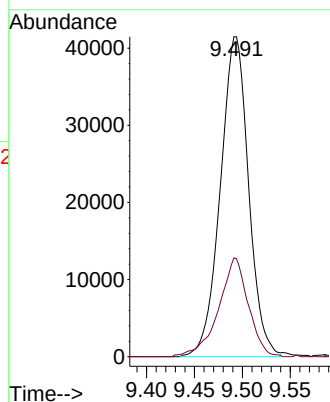
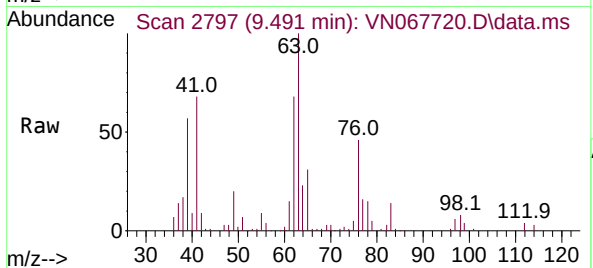
1,2-Dichloropropane
Concen: 18.199 ug/l
RT: 9.491 min Scan# 2797
Delta R.T. 0.000 min
Lab File: VN067720.D
Acq: 13 Jul 2021 16:35

Tgt Ion: 63 Resp: 85034
Ion Ratio Lower Upper
63 100
65 30.4 24.3 36.5

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC020

Manual Integrations
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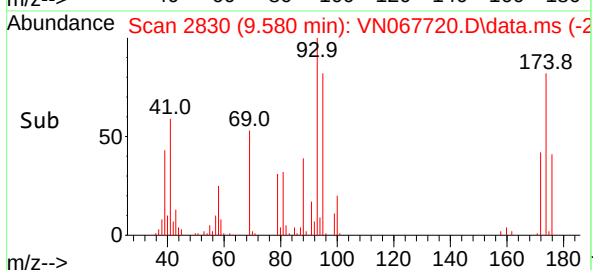
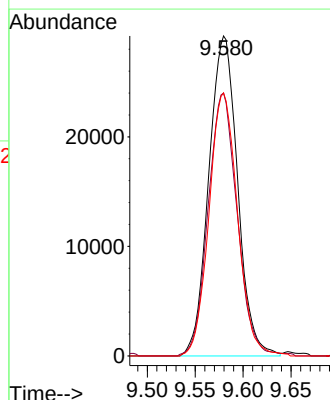
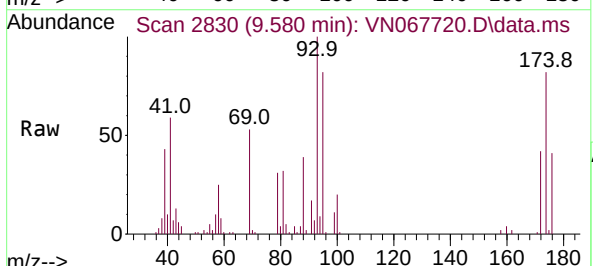
MMDadoda
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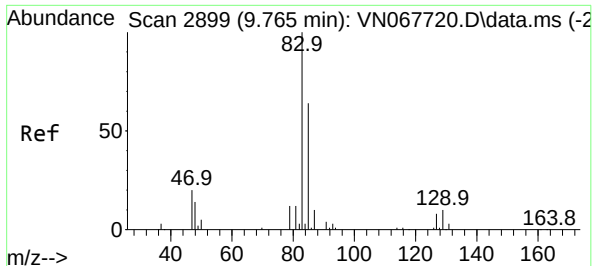


#40

Dibromomethane
Concen: 17.794 ug/l
RT: 9.580 min Scan# 2830
Delta R.T. 0.000 min
Lab File: VN067720.D
Acq: 13 Jul 2021 16:35

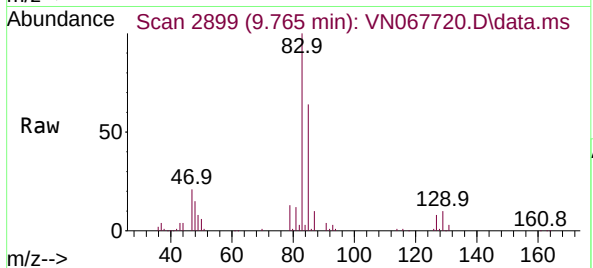
Tgt Ion: 93 Resp: 61061
Ion Ratio Lower Upper
93 100
95 82.7 0.0 165.4
174 81.5 0.0 163.0





#41
Bromodichloromethane
Concen: 17.864 ug/l
RT: 9.765 min Scan# 2899
Delta R.T. 0.000 min
Lab File: VN067720.D
Acq: 13 Jul 2021 16:35

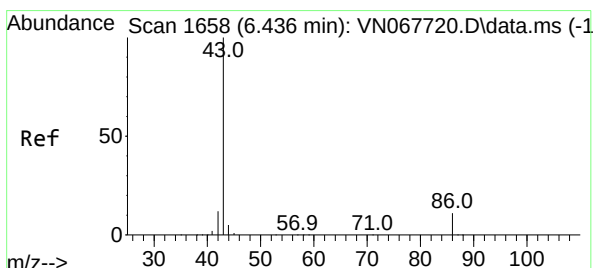
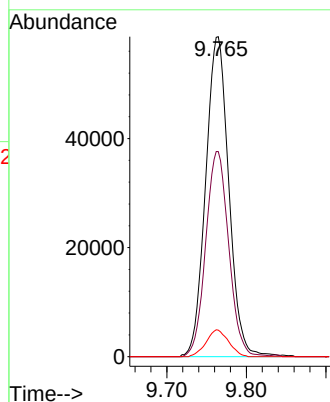
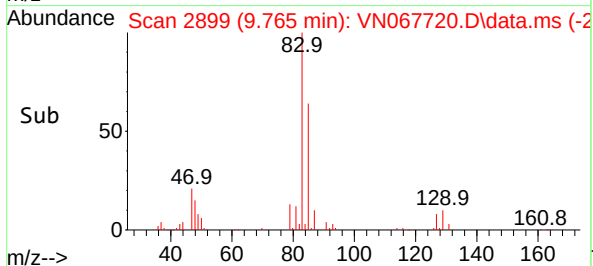
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



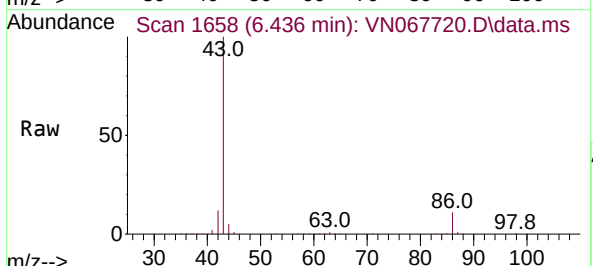
Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.1	51.3	76.9
127	8.3	6.6	10.0

Manual Integrations
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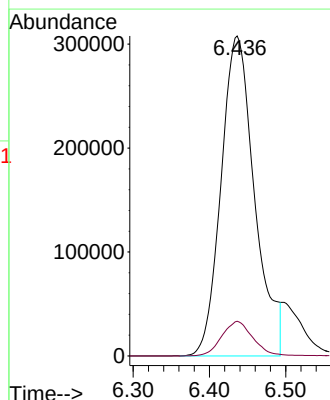
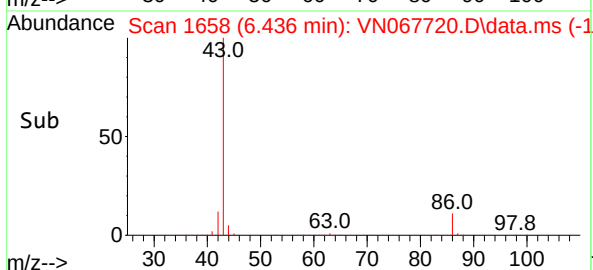
MMDadoda
7/16/2021 10:42:29 AM

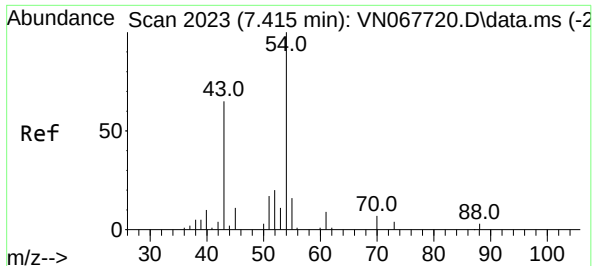


#42
Vinyl Acetate
Concen: 81.217 ug/l
RT: 6.436 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN067720.D
Acq: 13 Jul 2021 16:35



Tgt Ion	Ratio	Lower	Upper
43	100		
86	10.2	8.2	12.2





#43

Ethyl Acetate

Concen: 16.459 ug/l

RT: 7.415 min Scan# 2023

Delta R.T. 0.000 min

Lab File: VN067720.D

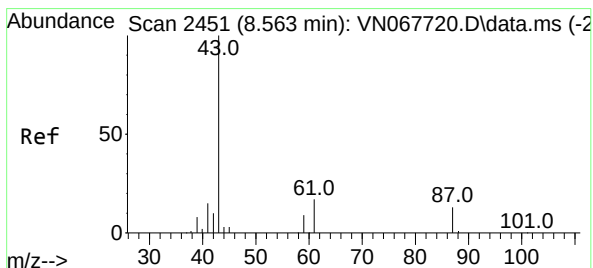
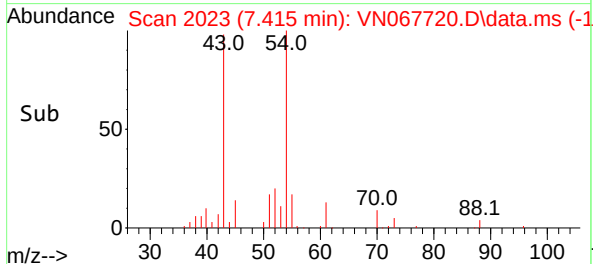
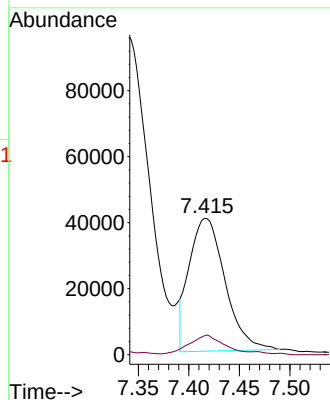
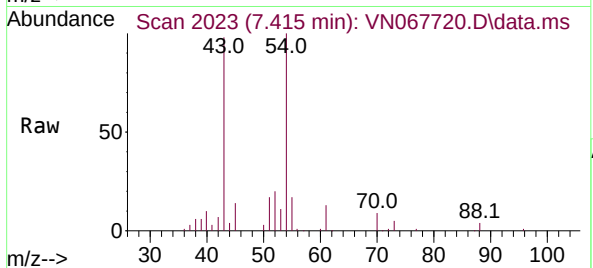
Acq: 13 Jul 2021 16:35

Tgt Ion: 43 Resp: 99300

Ion Ratio Lower Upper

43 100

45 13.1 10.5 15.7



#44

Isopropyl Acetate

Concen: 17.895 ug/l

RT: 8.563 min Scan# 2451

Delta R.T. 0.000 min

Lab File: VN067720.D

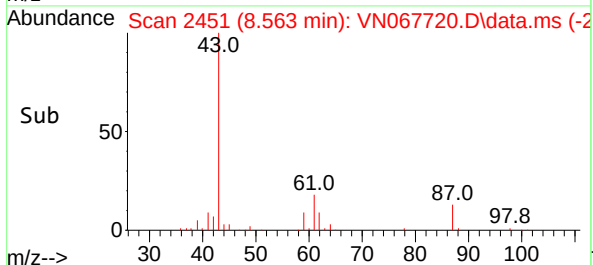
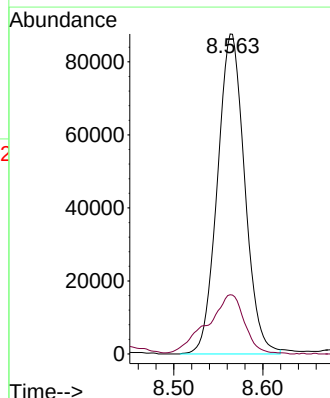
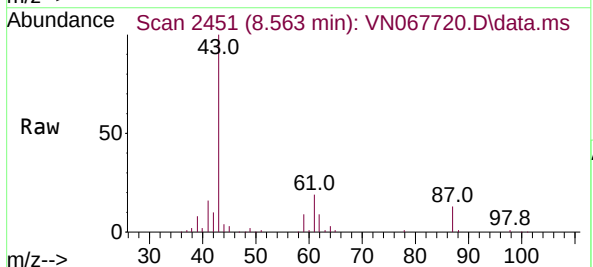
Acq: 13 Jul 2021 16:35

Tgt Ion: 43 Resp: 186512

Ion Ratio Lower Upper

43 100

61 25.5 20.4 30.6



Instrument :

MSVOA_N

ClientSampleId :

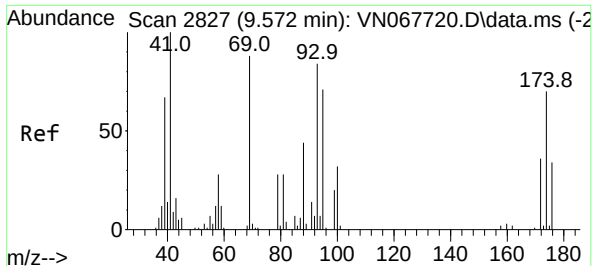
VSTDICCC020

Manual Integrations

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7/16/2021 10:42:29 AM



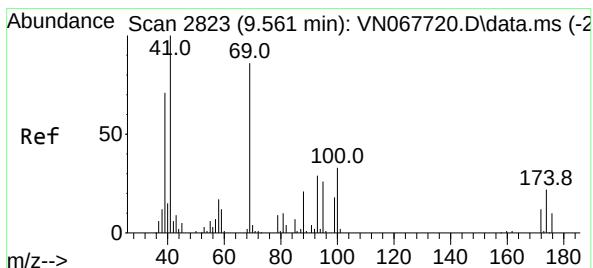
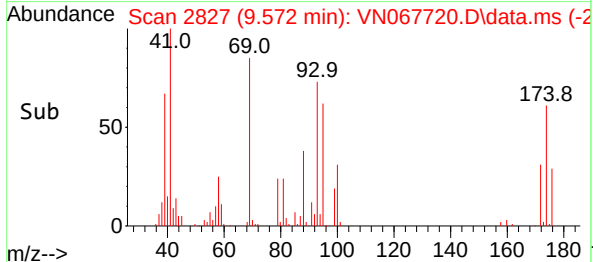
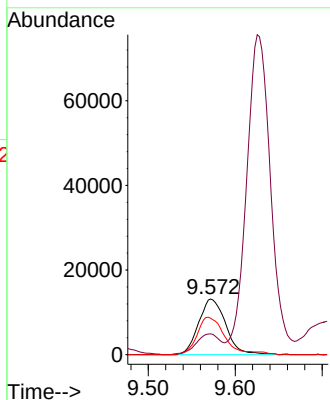
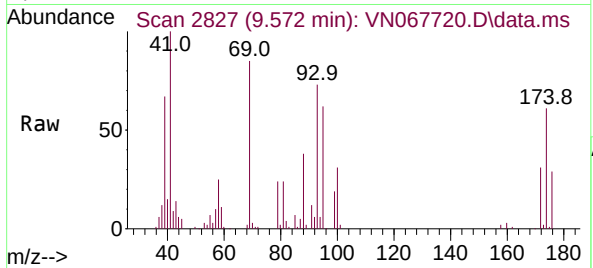
#45
1,4-Dioxane
Concen: 353.798 ug/l
RT: 9.572 min Scan# 2827
Delta R.T. 0.000 min
Lab File: VN067720.D
Acq: 13 Jul 2021 16:35

Tgt Ion: 88 Resp: 28605
Ion Ratio Lower Upper
88 100
43 33.6 26.9 40.3
58 65.3 52.2 78.4

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC020

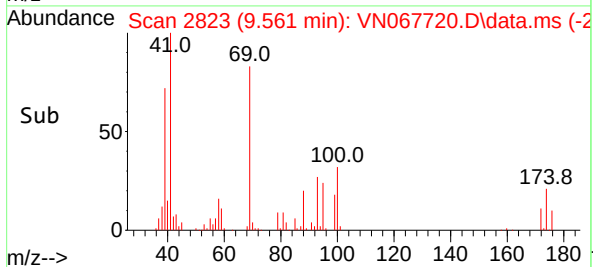
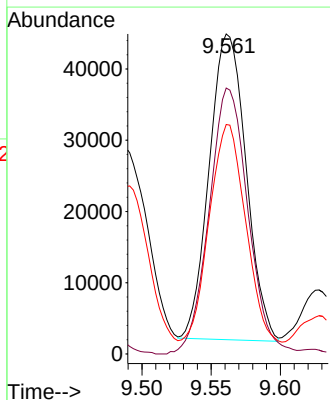
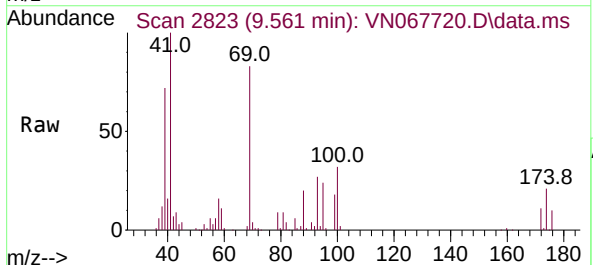
Manual Integrations
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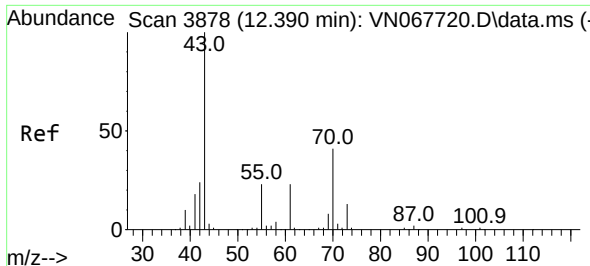
MMDadoda
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#46
Methyl methacrylate
Concen: 17.502 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. 0.000 min
Lab File: VN067720.D
Acq: 13 Jul 2021 16:35

Tgt Ion: 41 Resp: 79516
Ion Ratio Lower Upper
41 100
69 85.9 43.0 128.8
39 71.1 35.5 106.7





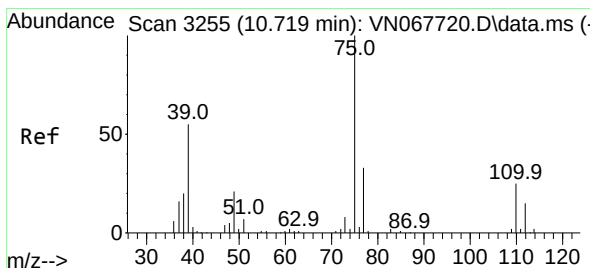
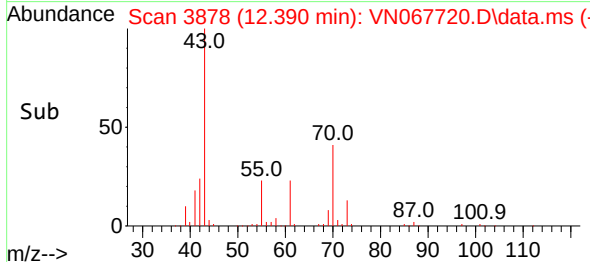
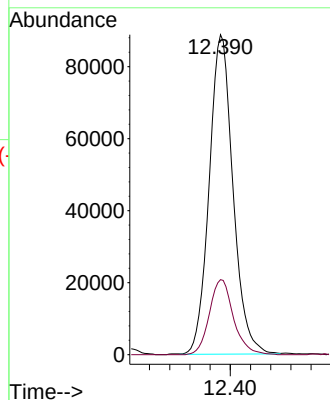
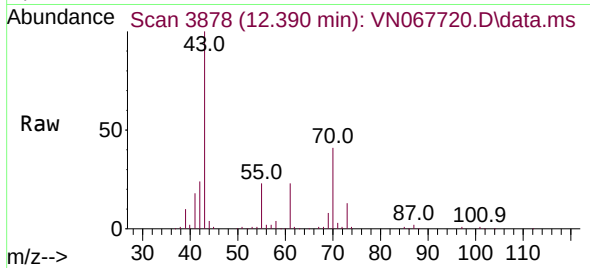
#47
n-amyl Acetate
Concen: 16.767 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. 0.000 min
Lab File: VN067720.D
Acq: 13 Jul 2021 16:35

Tgt Ion: 43 Resp: 145213
Ion Ratio Lower Upper
43 100
55 23.8 19.0 28.6

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC020

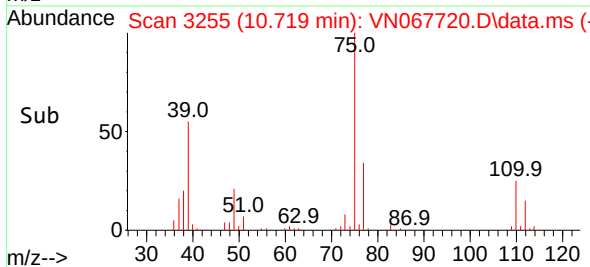
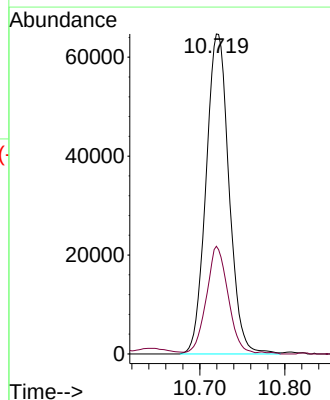
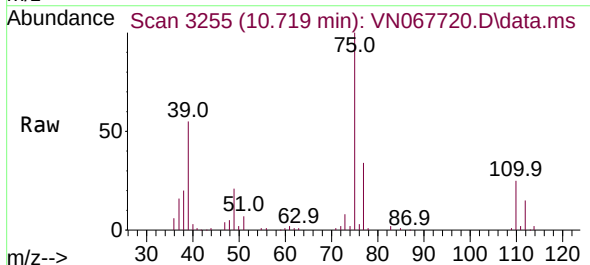
Manual Integrations
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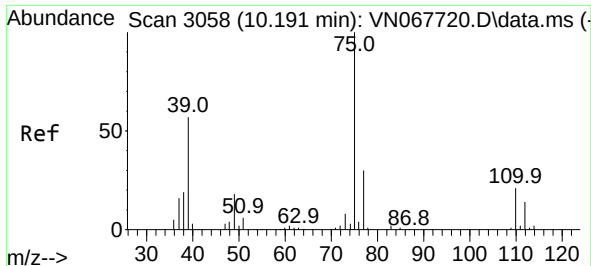
MMDadoda
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#48
t-1,3-Dichloropropene
Concen: 16.795 ug/l
RT: 10.719 min Scan# 3255
Delta R.T. 0.000 min
Lab File: VN067720.D
Acq: 13 Jul 2021 16:35

Tgt Ion: 75 Resp: 121593
Ion Ratio Lower Upper
75 100
77 33.7 27.0 40.4





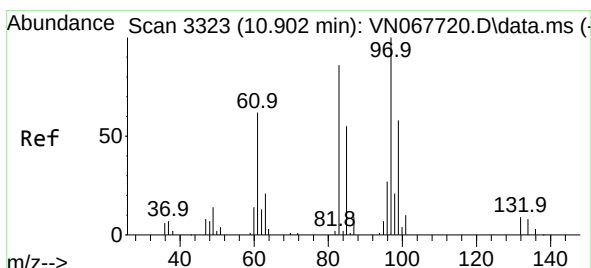
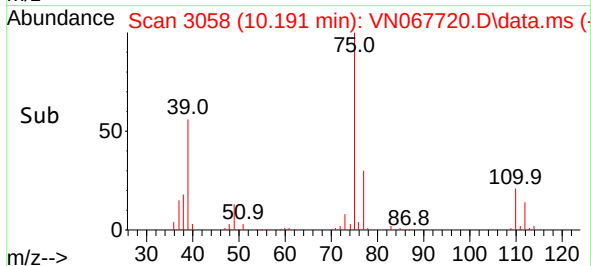
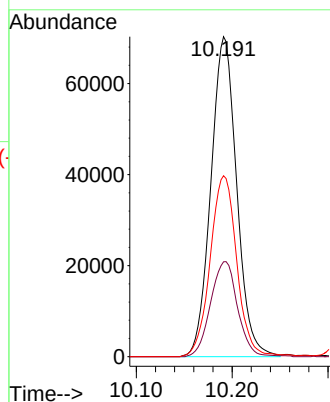
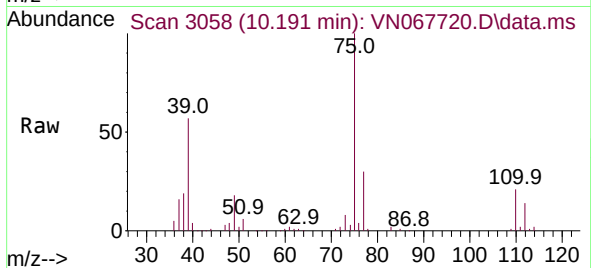
#49
 cis-1,3-Dichloropropene
 Concen: 17.276 ug/l
 RT: 10.191 min Scan# 3058
 Delta R.T. 0.000 min
 Lab File: VN067720.D
 Acq: 13 Jul 2021 16:35

Tgt Ion: 75 Resp: 131447
 Ion Ratio Lower Upper
 75 100
 77 29.7 23.8 35.6
 39 56.6 45.3 67.9

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

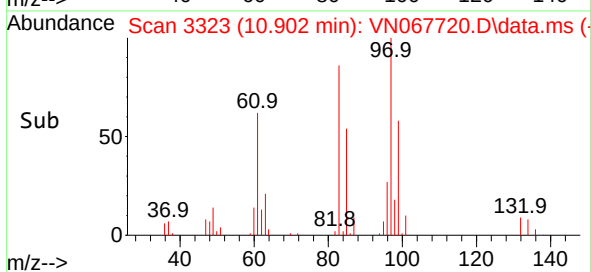
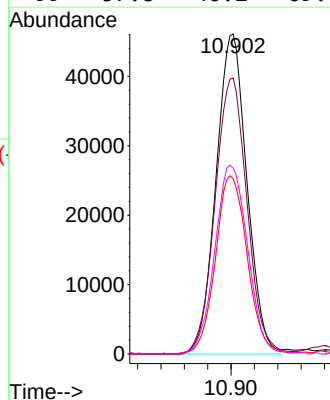
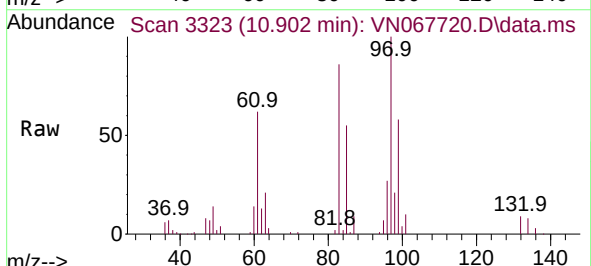
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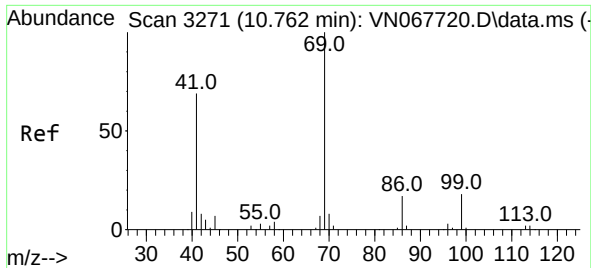
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#50
 1,1,2-Trichloroethane
 Concen: 17.508 ug/l
 RT: 10.902 min Scan# 3323
 Delta R.T. 0.000 min
 Lab File: VN067720.D
 Acq: 13 Jul 2021 16:35

Tgt Ion: 97 Resp: 84368
 Ion Ratio Lower Upper
 97 100
 83 86.2 69.0 103.4
 85 54.8 43.8 65.8
 99 57.8 46.2 69.4





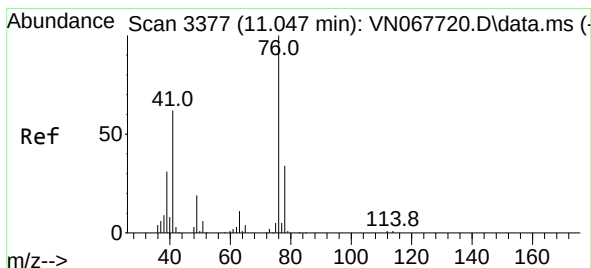
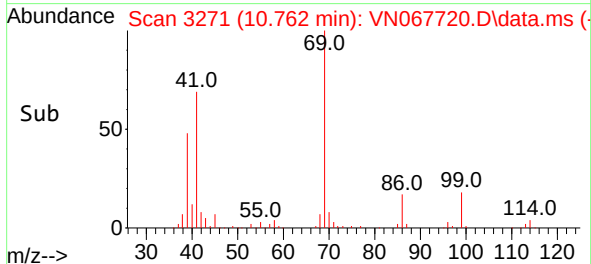
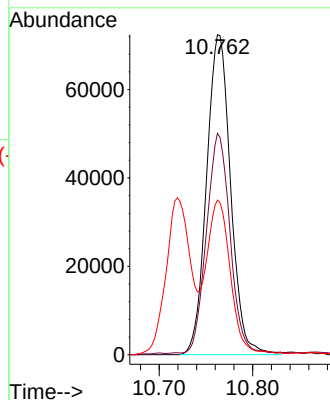
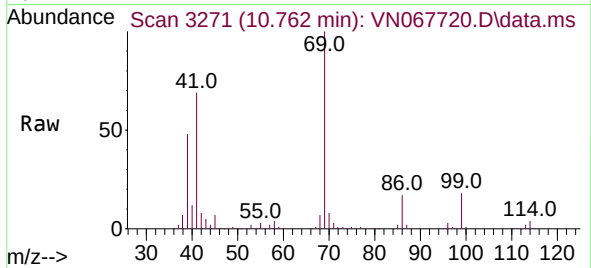
#51
Ethyl methacrylate
Concen: 17.226 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN067720.D
Acq: 13 Jul 2021 16:35

Tgt Ion: 69 Resp: 129479
Ion Ratio Lower Upper
69 100
41 68.6 34.3 102.9
39 47.4 23.7 71.1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

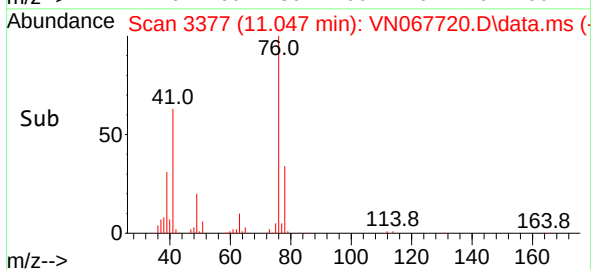
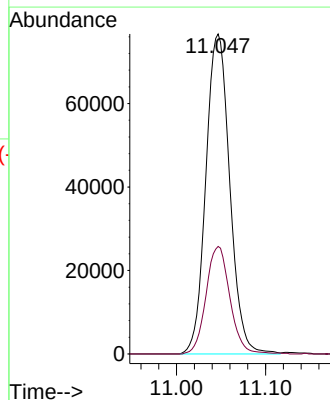
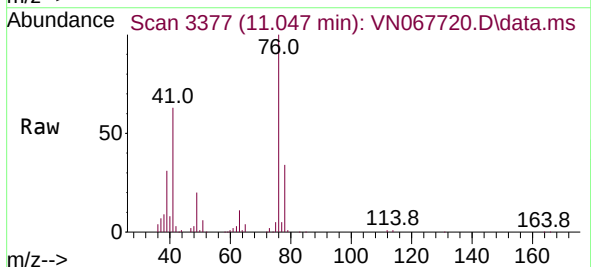
Manual Integrations
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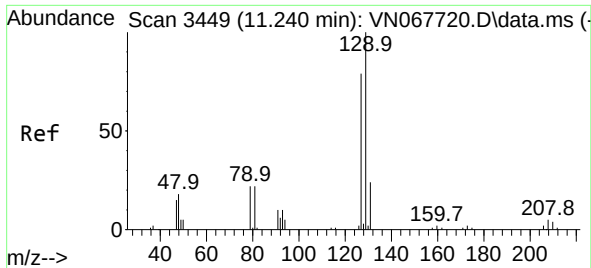
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#52
1,3-Dichloropropane
Concen: 17.968 ug/l
RT: 11.047 min Scan# 3377
Delta R.T. 0.000 min
Lab File: VN067720.D
Acq: 13 Jul 2021 16:35

Tgt Ion: 76 Resp: 142914
Ion Ratio Lower Upper
76 100
78 33.5 0.0 67.0





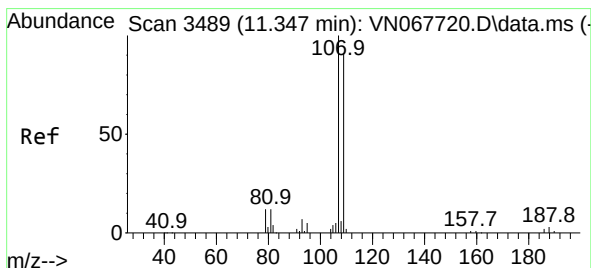
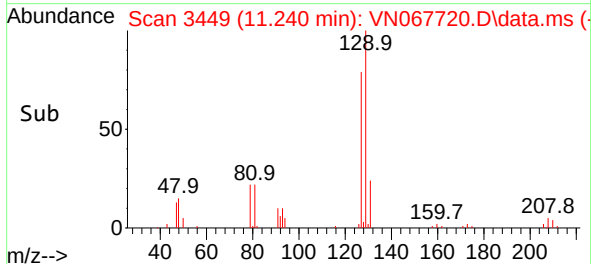
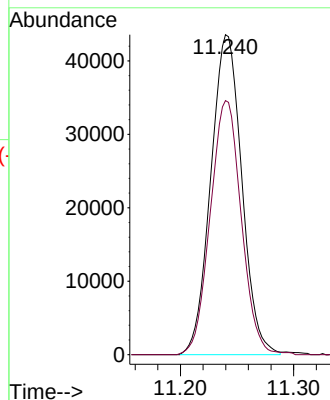
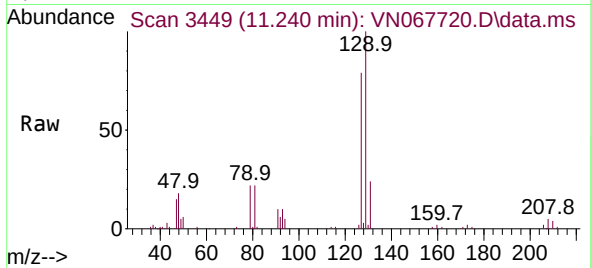
#53
Dibromochloromethane
Concen: 16.190 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. 0.000 min
Lab File: VN067720.D
Acq: 13 Jul 2021 16:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:129 Resp: 82828
Ion Ratio Lower Upper
129 100
127 79.2 39.6 118.8

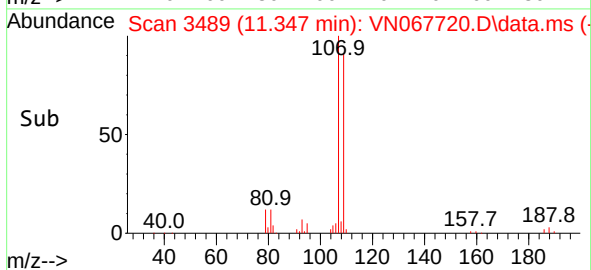
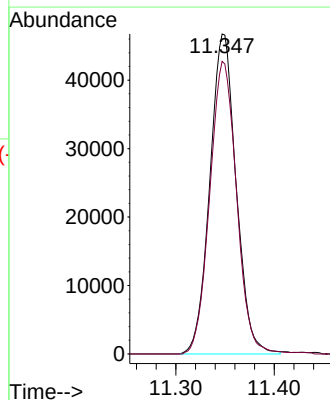
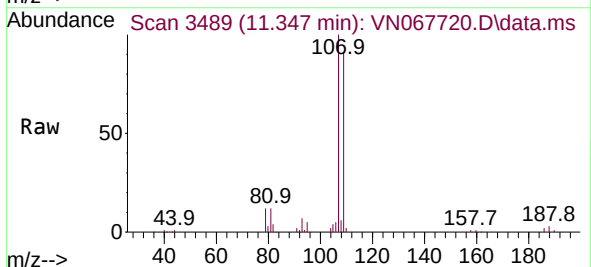
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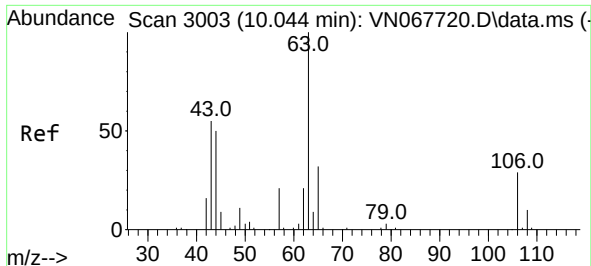
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#54
1,2-Dibromoethane
Concen: 17.331 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. 0.000 min
Lab File: VN067720.D
Acq: 13 Jul 2021 16:35

Tgt Ion:107 Resp: 86832
Ion Ratio Lower Upper
107 100
109 93.2 74.6 111.8





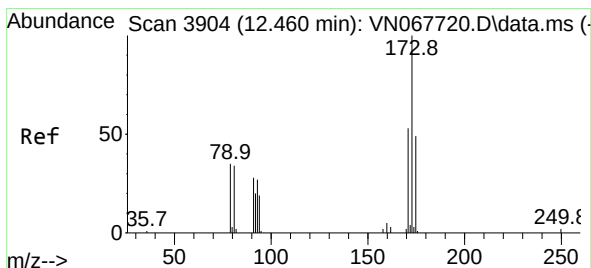
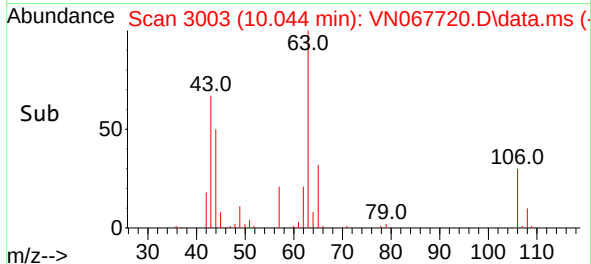
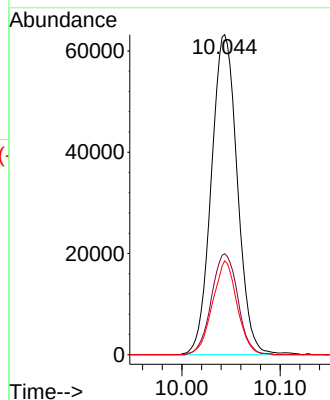
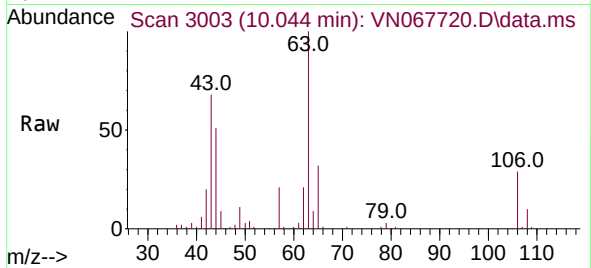
#55
2-Chloroethyl vinyl ether
Concen: 74.035 ug/l
RT: 10.044 min Scan# 3003
Delta R.T. 0.000 min
Lab File: VN067720.D
Acq: 13 Jul 2021 16:35

Tgt Ion: 63 Resp: 116250
Ion Ratio Lower Upper
63 100
65 31.9 25.5 38.3
106 27.6 22.1 33.1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

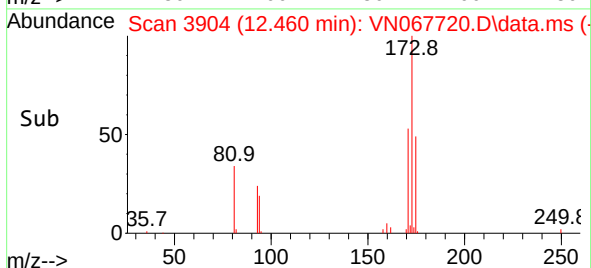
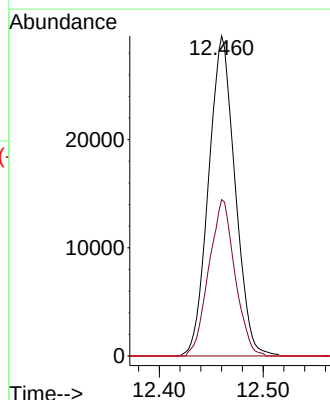
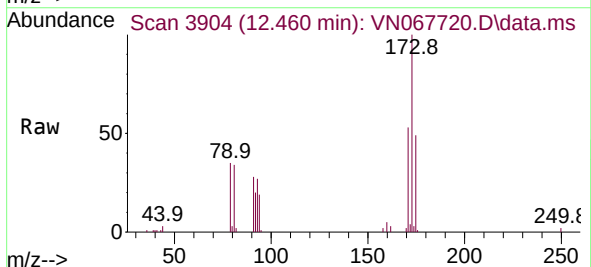
Manual Integrations
APPROVED

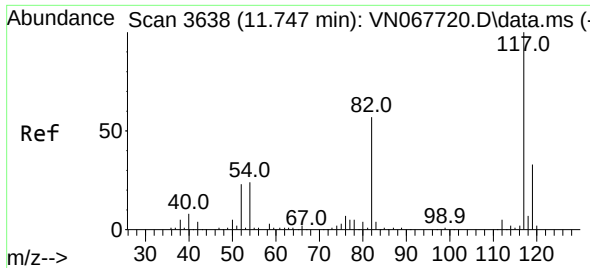
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#56
Bromoform
Concen: 14.624 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. 0.000 min
Lab File: VN067720.D
Acq: 13 Jul 2021 16:35

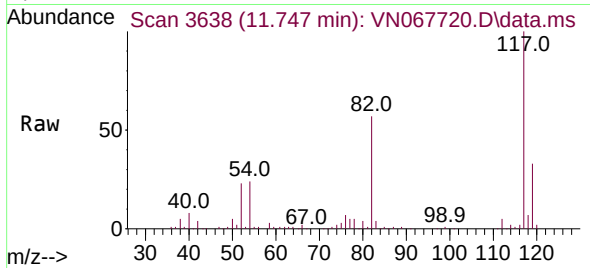
Tgt Ion: 173 Resp: 52370
Ion Ratio Lower Upper
173 100
175 48.1 38.5 57.7
254 0.0 0.0 0.0





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN067720.D
Acq: 13 Jul 2021 16:35

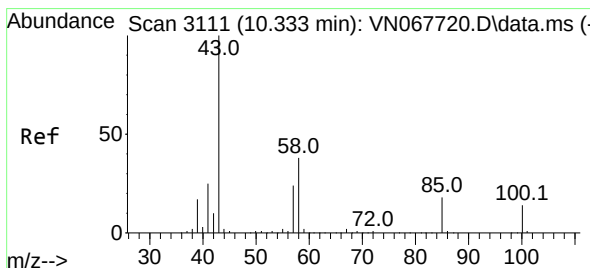
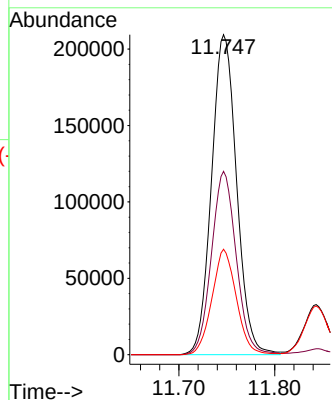
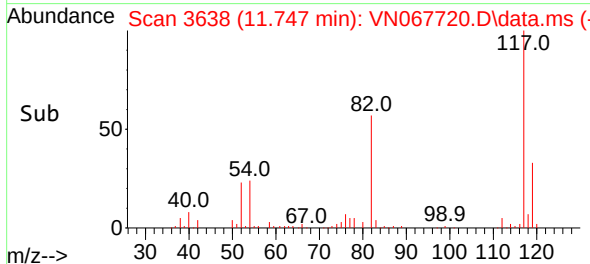
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



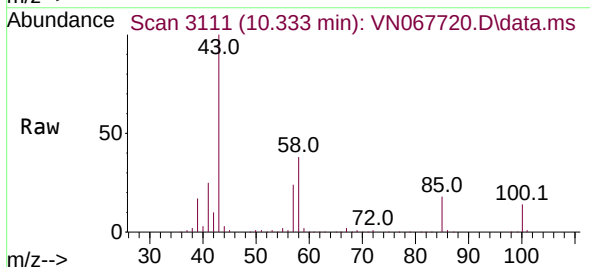
Tgt Ion:117 Resp: 381227
Ion Ratio Lower Upper
117 100
82 56.7 45.4 68.0
119 32.1 25.7 38.5

Manual Integrations
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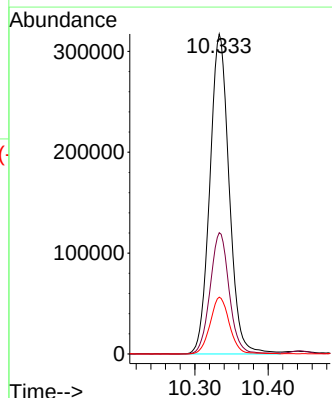
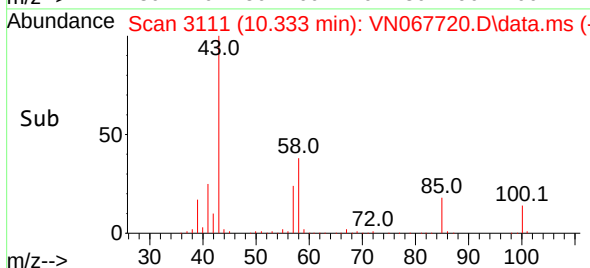
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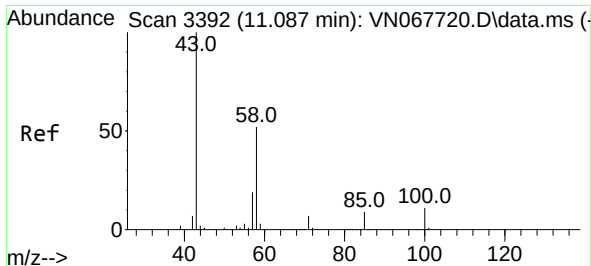


#58
4-Methyl-2-Pentanone
Concen: 89.959 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.000 min
Lab File: VN067720.D
Acq: 13 Jul 2021 16:35



Tgt Ion: 43 Resp: 581169
Ion Ratio Lower Upper
43 100
58 37.4 29.9 44.9
85 17.6 14.1 21.1





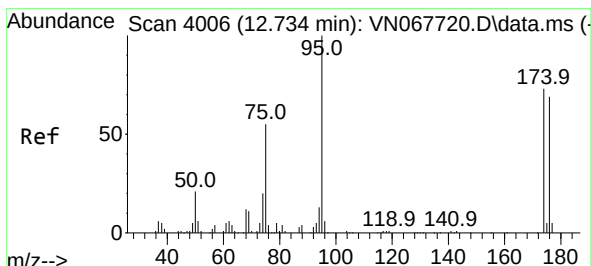
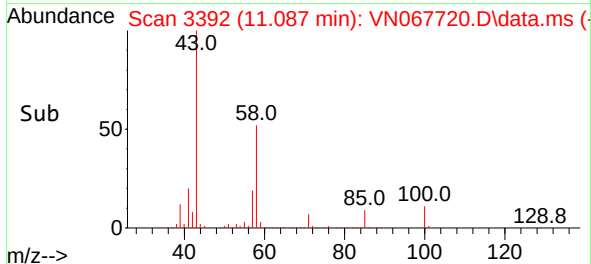
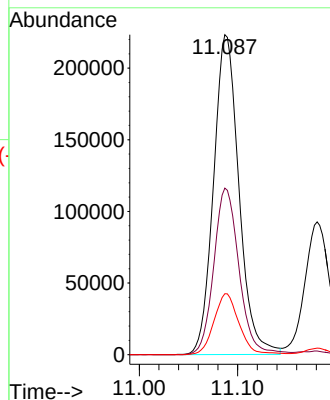
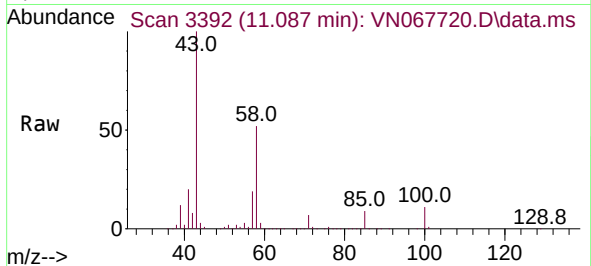
#59
2-Hexanone
Concen: 88.150 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. 0.000 min
Lab File: VN067720.D
Acq: 13 Jul 2021 16:35

Tgt Ion:	43	Resp:	401589
Ion	Ratio	Lower	Upper
43	100		
58	51.9	41.5	62.3
57	18.9	15.1	22.7

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC020

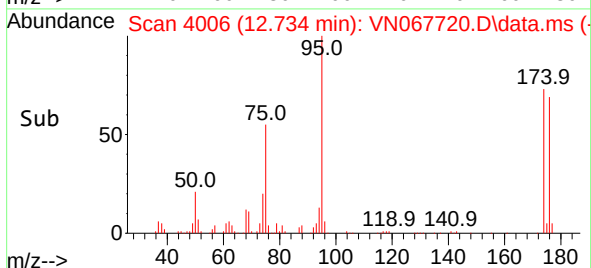
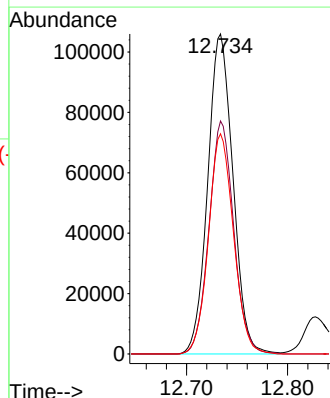
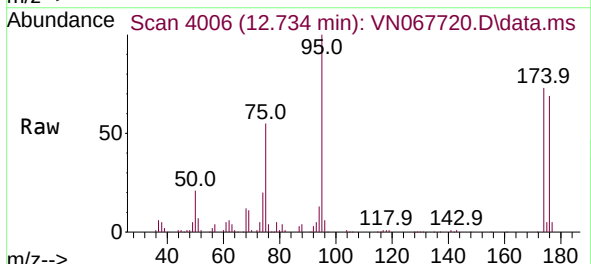
Manual Integrations
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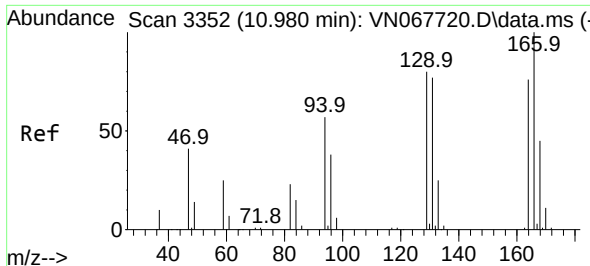
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#60
4-Bromofluorobenzene
Concen: 30.018 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN067720.D
Acq: 13 Jul 2021 16:35

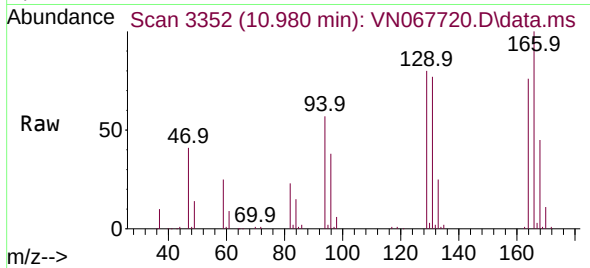
Tgt Ion:	95	Resp:	183951
Ion	Ratio	Lower	Upper
95	100		
174	71.4	57.1	85.7
176	68.2	54.6	81.8





#61
Tetrachloroethene
Concen: 17.493 ug/l
RT: 10.980 min Scan# 3352
Delta R.T. 0.000 min
Lab File: VN067720.D
Acq: 13 Jul 2021 16:35

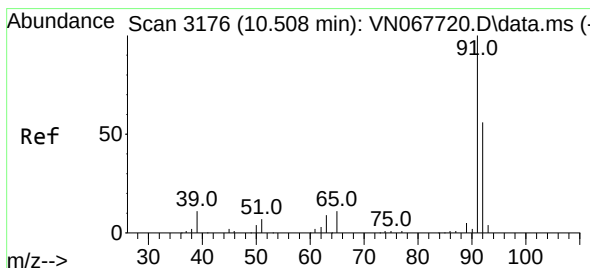
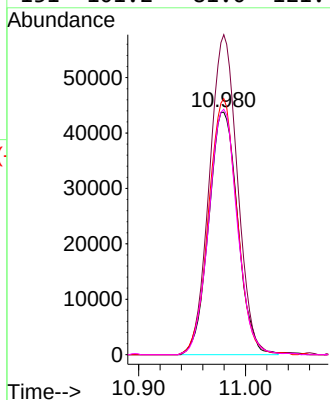
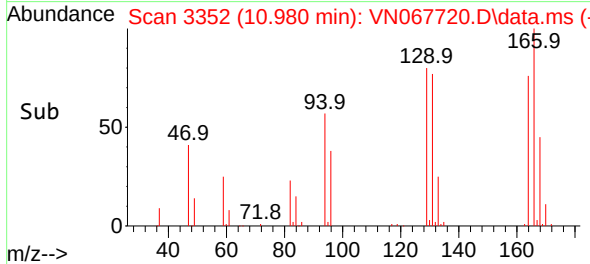
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



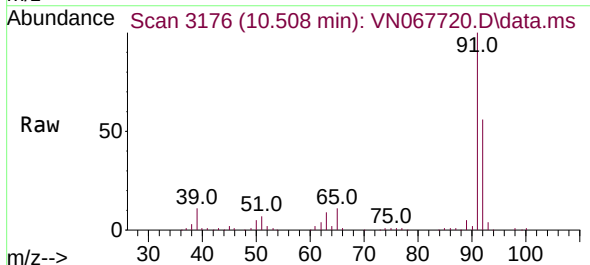
Tgt Ion:164 Resp: 82439
Ion Ratio Lower Upper
164 100
166 131.9 105.5 158.3
129 105.6 84.5 126.7
131 101.2 81.0 121.4

Manual Integrations
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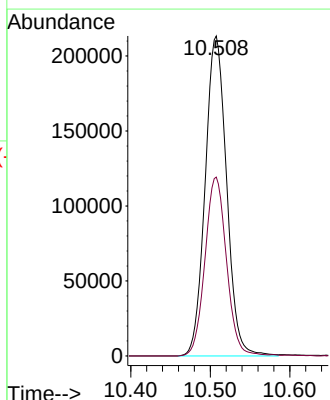
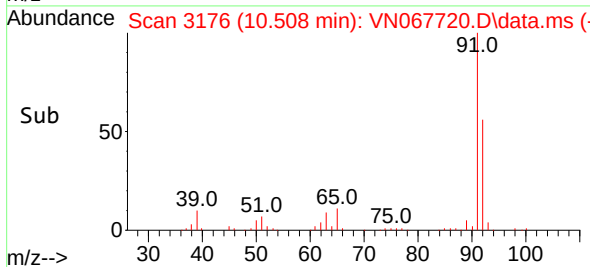
MMDadoda
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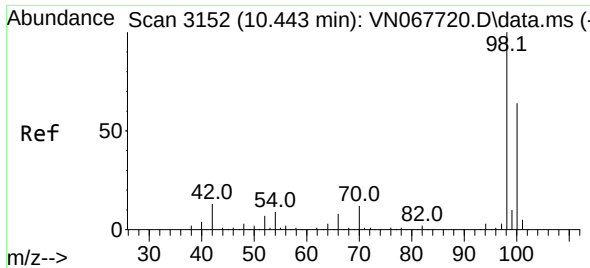


#62
Toluene
Concen: 18.101 ug/l
RT: 10.508 min Scan# 3176
Delta R.T. 0.000 min
Lab File: VN067720.D
Acq: 13 Jul 2021 16:35



Tgt Ion: 91 Resp: 400592
Ion Ratio Lower Upper
91 100
92 56.0 44.8 67.2





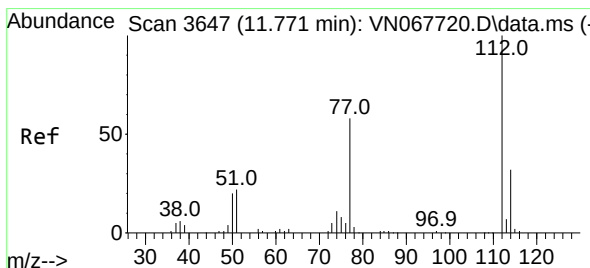
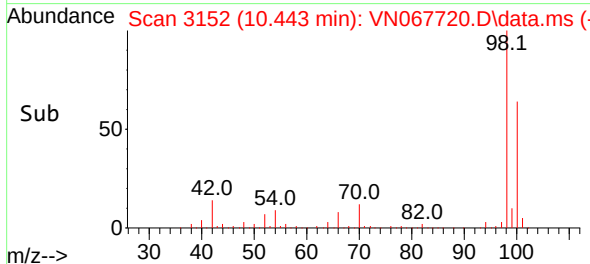
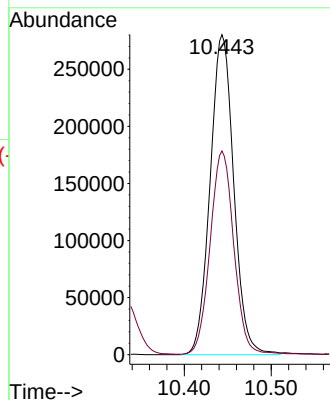
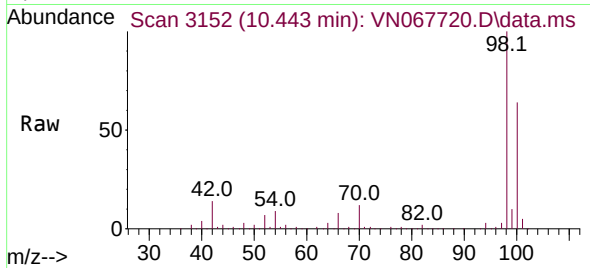
#63
Toluene-d8
Concen: 30.300 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN067720.D
Acq: 13 Jul 2021 16:35

Tgt Ion: 98 Resp: 529136
Ion Ratio Lower Upper
98 100
100 63.7 51.0 76.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

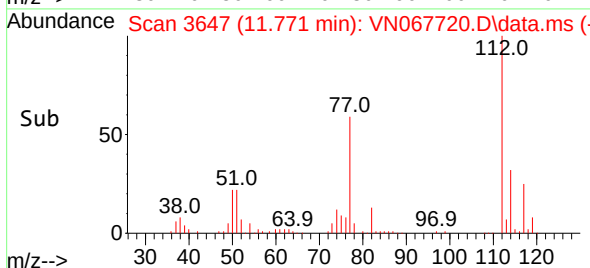
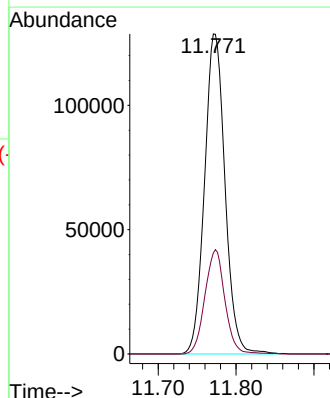
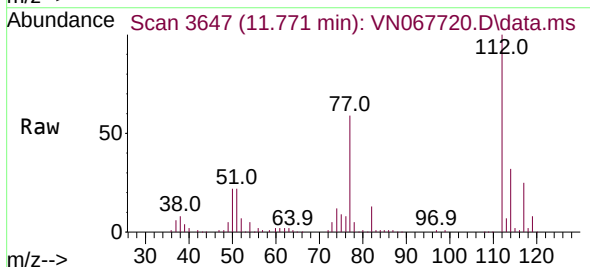
Manual Integrations
APPROVED

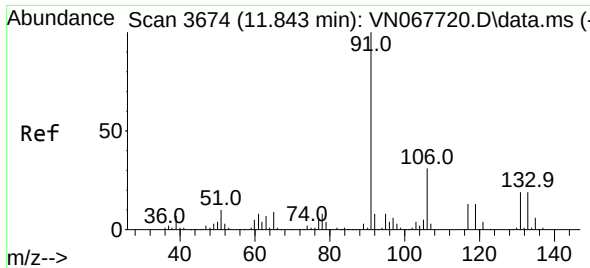
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#64
Chlorobenzene
Concen: 17.645 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. 0.000 min
Lab File: VN067720.D
Acq: 13 Jul 2021 16:35

Tgt Ion: 112 Resp: 235488
Ion Ratio Lower Upper
112 100
114 31.5 25.2 37.8





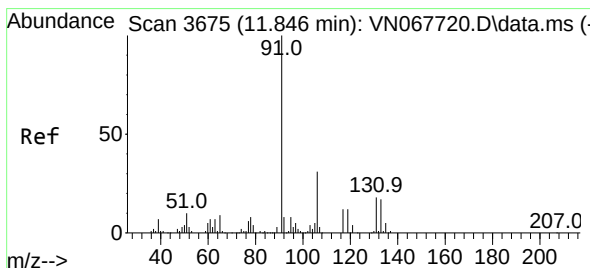
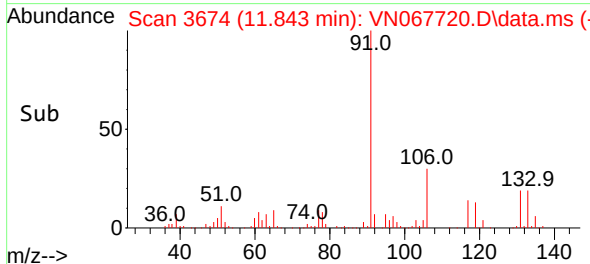
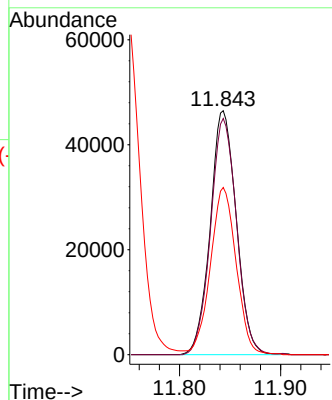
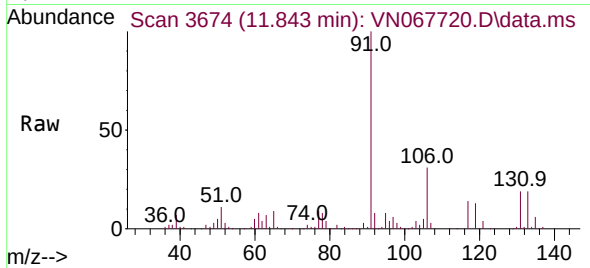
#65
1,1,1,2-Tetrachloroethane
Concen: 16.773 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN067720.D
Acq: 13 Jul 2021 16:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.3	0.0	192.6
119	66.9	0.0	133.8

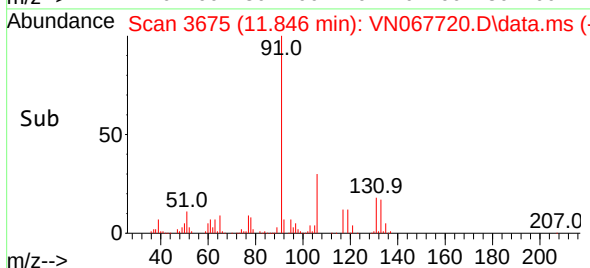
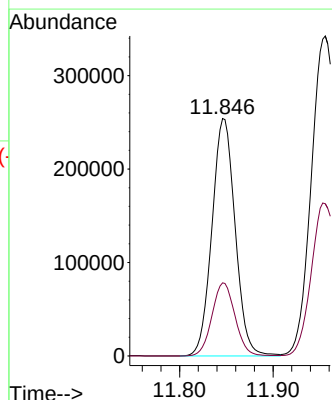
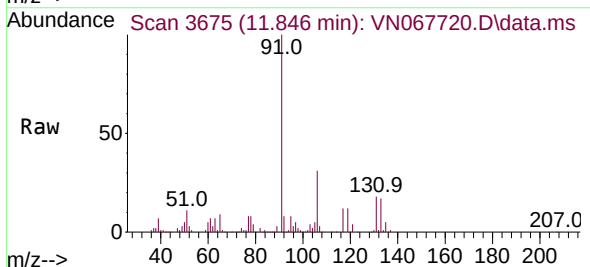
Manual Integrations
APPROVED

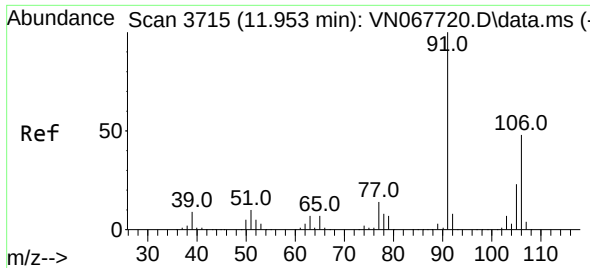
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#66
Ethyl Benzene
Concen: 17.911 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. 0.000 min
Lab File: VN067720.D
Acq: 13 Jul 2021 16:35

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.8	24.6	37.0





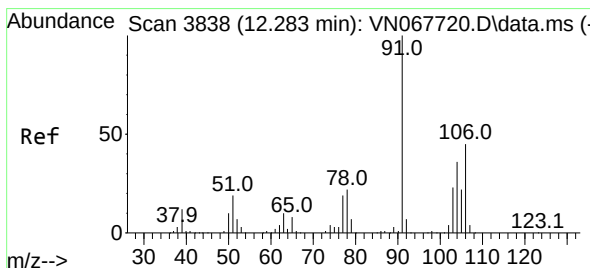
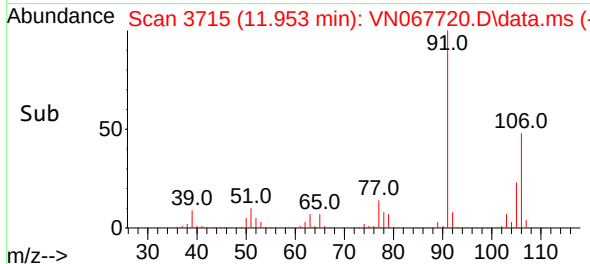
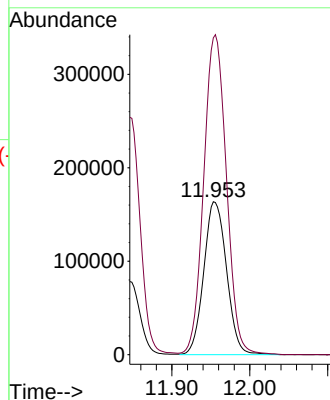
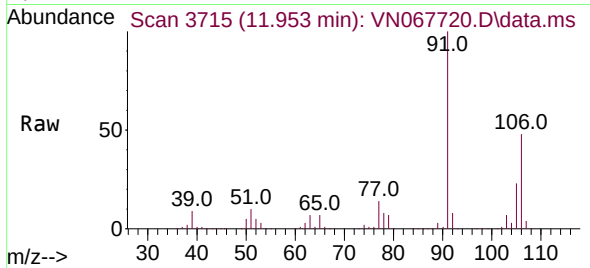
#67
m/p-Xylenes
Concen: 35.577 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN067720.D
Acq: 13 Jul 2021 16:35

Tgt Ion:106 Resp: 333358
Ion Ratio Lower Upper
106 100
91 208.3 166.6 250.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

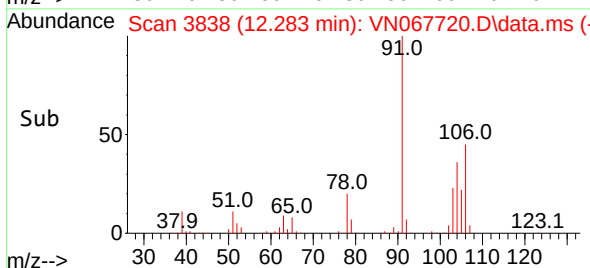
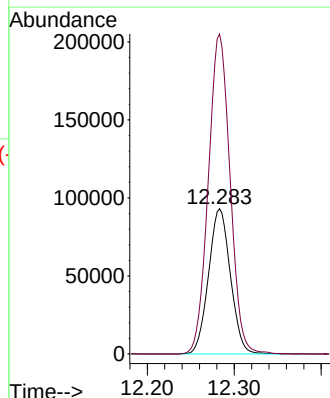
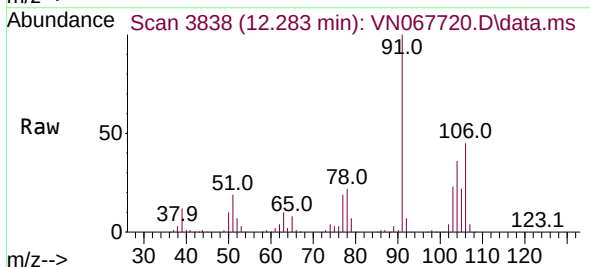
Manual Integrations
APPROVED

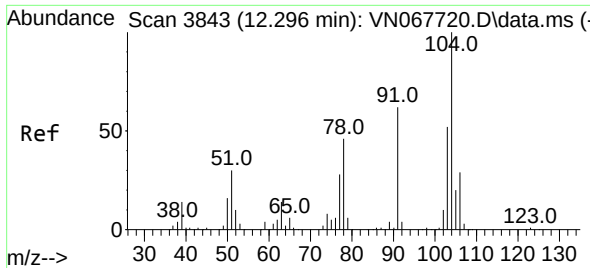
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#68
o-Xylene
Concen: 17.582 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. 0.000 min
Lab File: VN067720.D
Acq: 13 Jul 2021 16:35

Tgt Ion:106 Resp: 162875
Ion Ratio Lower Upper
106 100
91 219.2 109.6 328.8





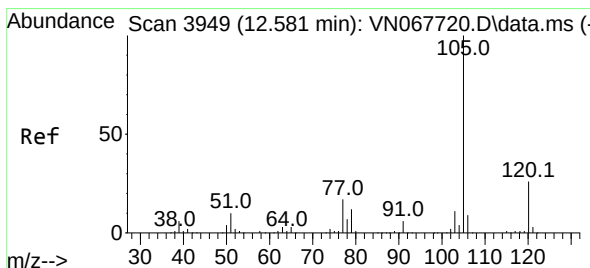
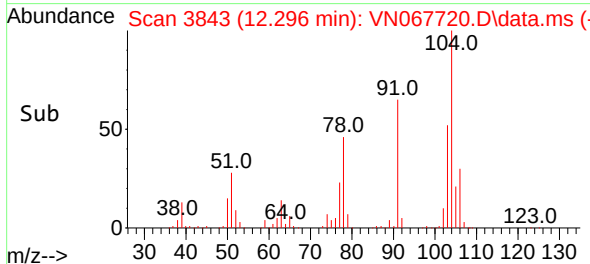
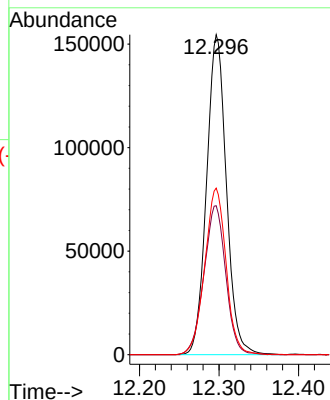
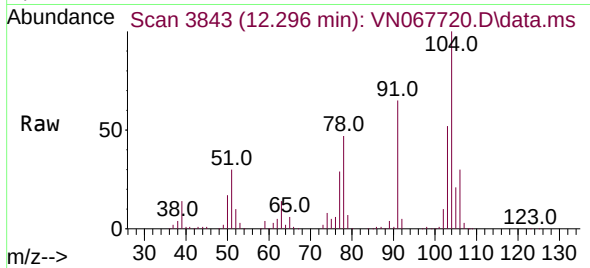
#69
Styrene
Concen: 17.611 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.000 min
Lab File: VN067720.D
Acq: 13 Jul 2021 16:35

Tgt Ion:104 Resp: 267568
Ion Ratio Lower Upper
104 100
78 51.0 40.8 61.2
103 56.1 44.9 67.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

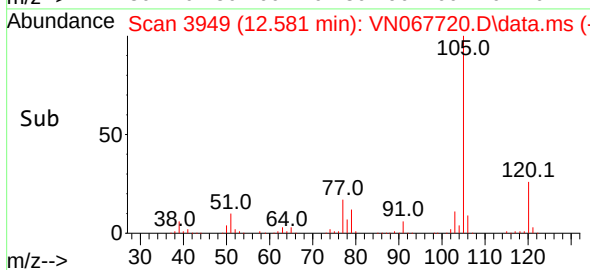
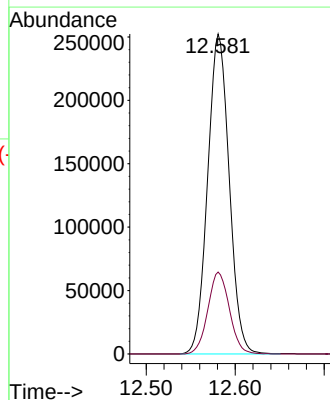
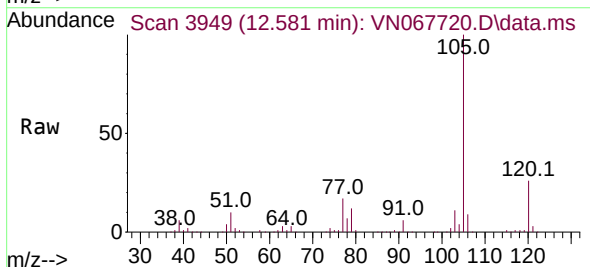
Manual Integrations
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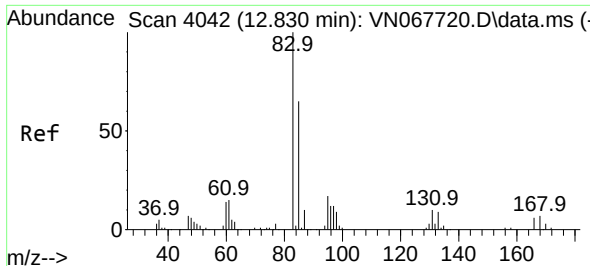
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#70
Isopropylbenzene
Concen: 17.742 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. 0.000 min
Lab File: VN067720.D
Acq: 13 Jul 2021 16:35

Tgt Ion:105 Resp: 423859
Ion Ratio Lower Upper
105 100
120 25.6 17.9 33.3





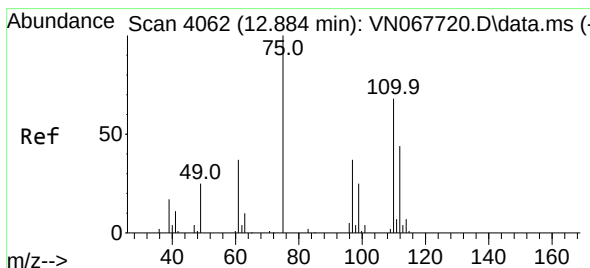
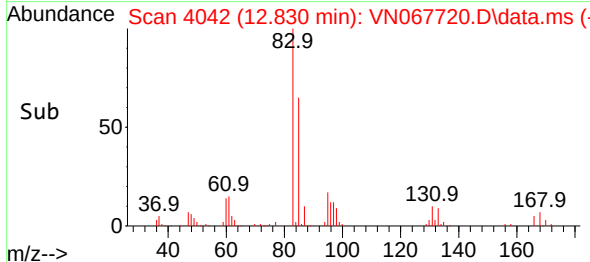
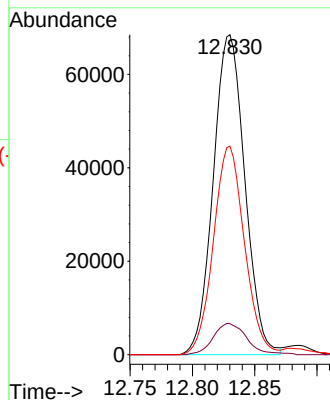
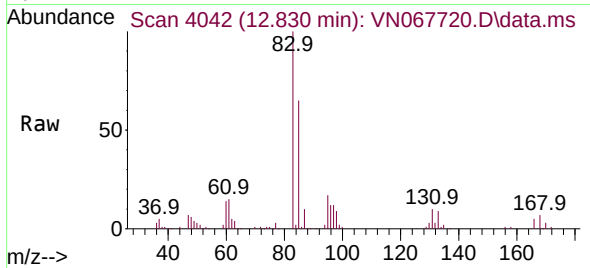
#71
1,1,2,2-Tetrachloroethane
Concen: 17.866 ug/l
RT: 12.830 min Scan# 4042
Delta R.T. 0.000 min
Lab File: VN067720.D
Acq: 13 Jul 2021 16:35

Tgt Ion: 83 Resp: 120924
Ion Ratio Lower Upper
83 100
131 10.4 5.2 15.6
85 64.0 32.0 96.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

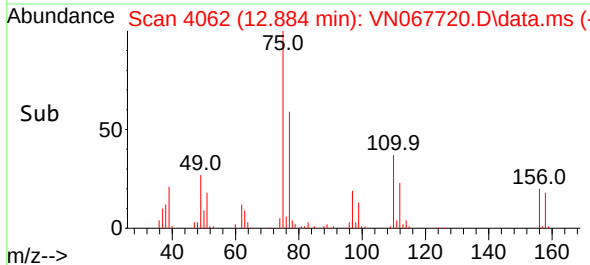
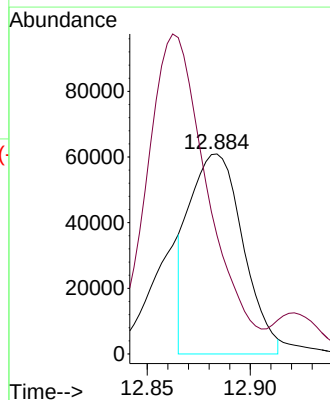
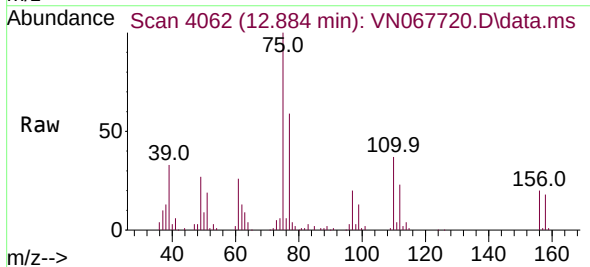
Manual Integrations
APPROVED

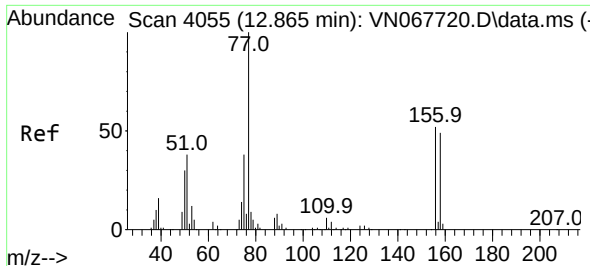
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#72
1,2,3-Trichloropropane
Concen: 19.005 ug/l m
RT: 12.884 min Scan# 4062
Delta R.T. 0.000 min
Lab File: VN067720.D
Acq: 13 Jul 2021 16:35

Tgt Ion: 75 Resp: 109915
Ion Ratio Lower Upper
75 100
77 182.6 0.0 365.2





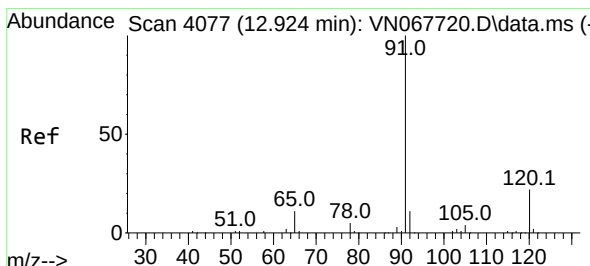
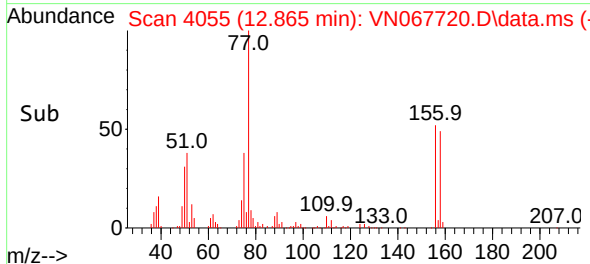
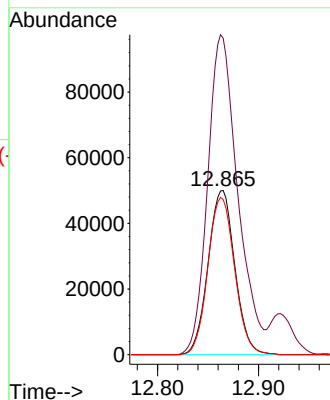
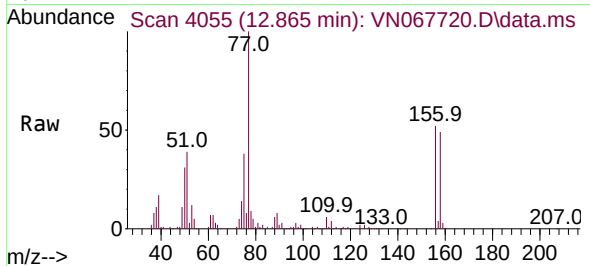
#73
Bromobenzene
Concen: 16.758 ug/l
RT: 12.865 min Scan# 4055
Delta R.T. 0.000 min
Lab File: VN067720.D
Acq: 13 Jul 2021 16:35

Tgt Ion	Ratio	Lower	Upper
156	100		
77	218.2	0.0	436.4
158	95.7	0.0	191.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

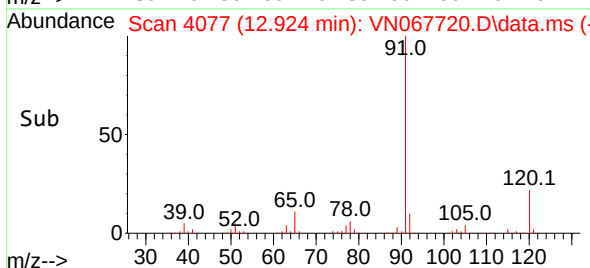
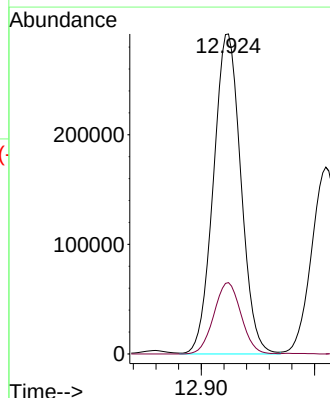
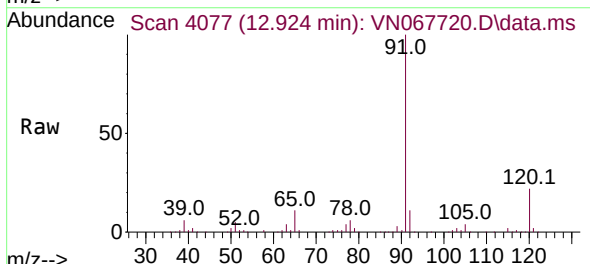
Manual Integrations
APPROVED

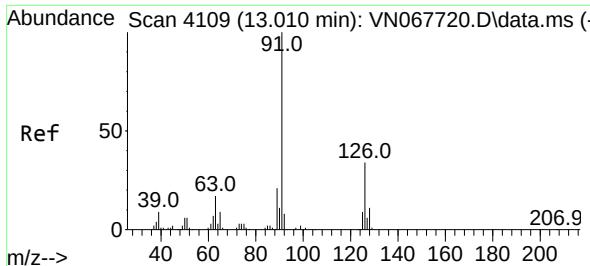
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#74
n-propylbenzene
Concen: 18.056 ug/l
RT: 12.924 min Scan# 4077
Delta R.T. 0.000 min
Lab File: VN067720.D
Acq: 13 Jul 2021 16:35

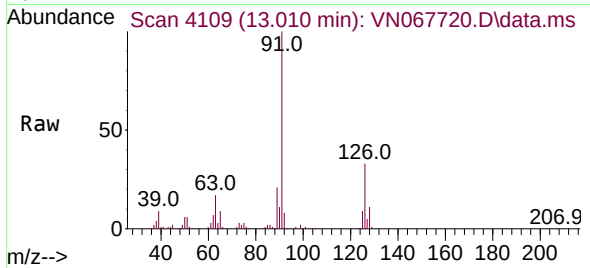
Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.1	0.0	44.2





#75
2-Chlorotoluene
Concen: 18.084 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. 0.000 min
Lab File: VN067720.D
Acq: 13 Jul 2021 16:35

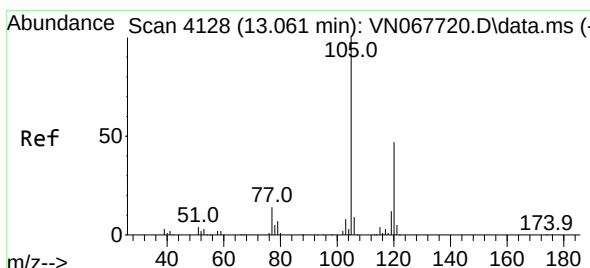
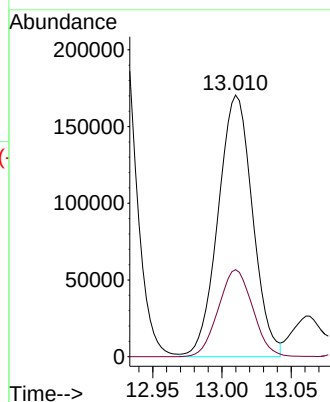
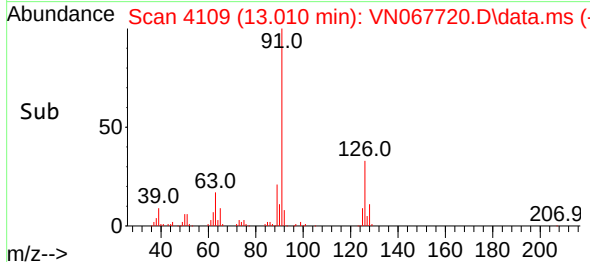
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



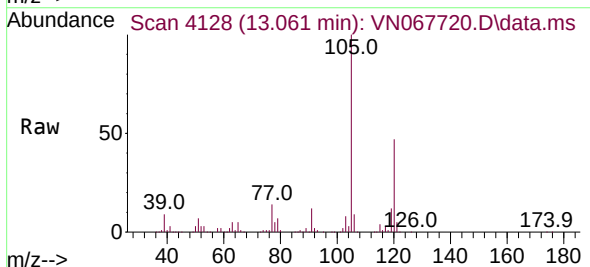
Tgt Ion: 91 Resp: 295624
Ion Ratio Lower Upper
91 100
126 33.1 0.0 66.2

Manual Integrations
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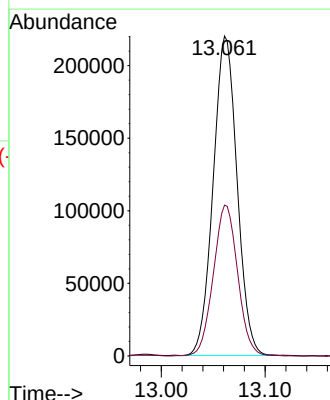
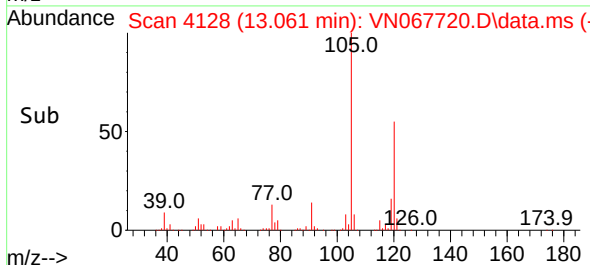
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7/16/2021 10:42:29 AM

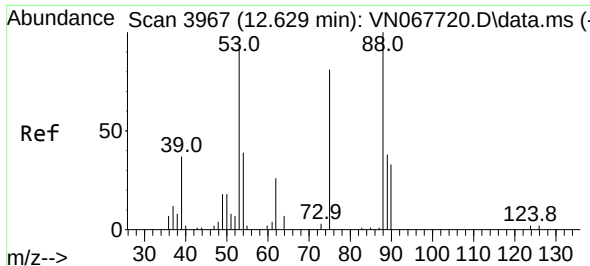


#76
1,3,5-Trimethylbenzene
Concen: 17.817 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.000 min
Lab File: VN067720.D
Acq: 13 Jul 2021 16:35



Tgt Ion: 105 Resp: 352046
Ion Ratio Lower Upper
105 100
120 48.1 0.0 96.2





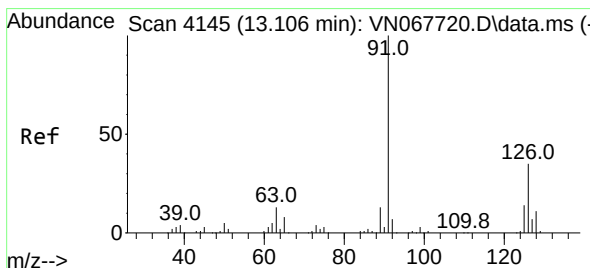
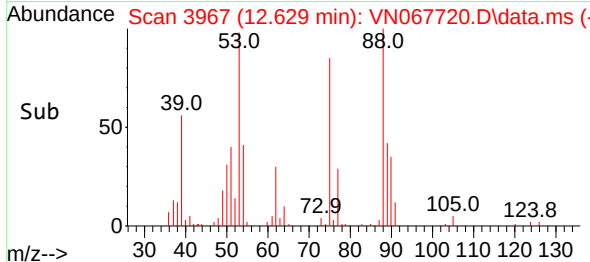
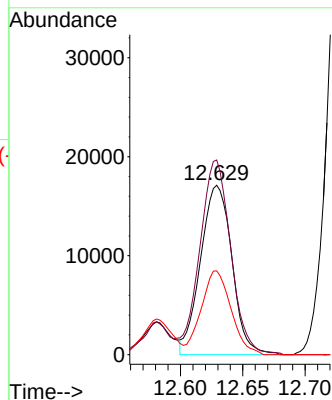
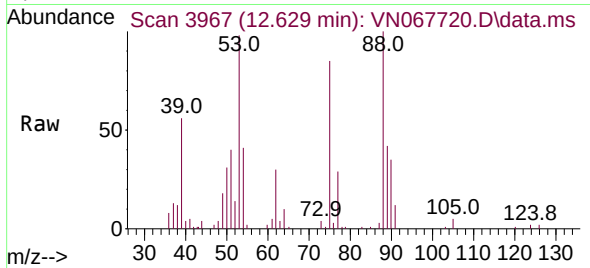
#77
t-1,4-Dichloro-2-butene
Concen: 15.370 ug/l
RT: 12.629 min Scan# 3967
Delta R.T. 0.000 min
Lab File: VN067720.D
Acq: 13 Jul 2021 16:35

Tgt Ion: 75 Resp: 30066
Ion Ratio Lower Upper
75 100
53 114.0 57.0 171.0
89 49.4 24.7 74.1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

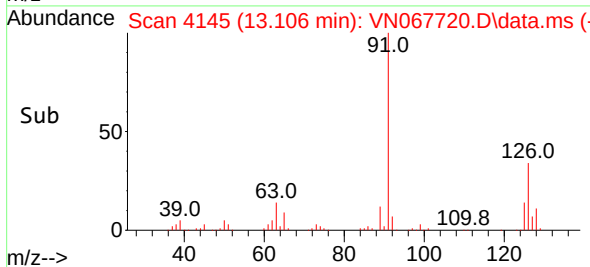
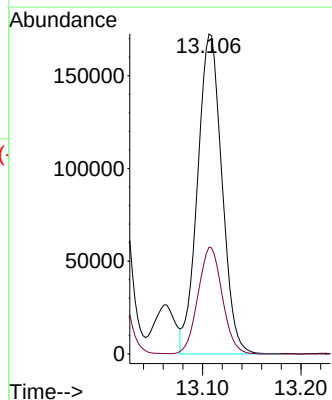
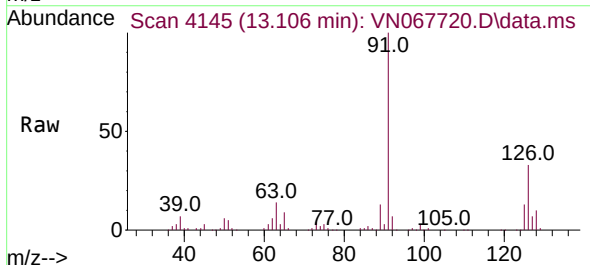
Manual Integrations
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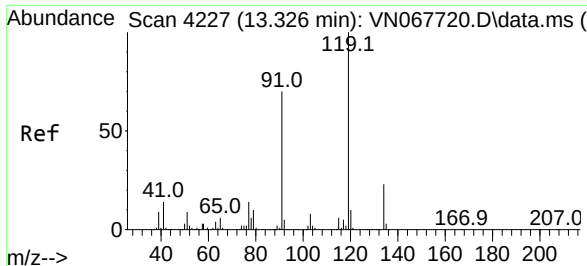
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#78
4-Chlorotoluene
Concen: 18.320 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN067720.D
Acq: 13 Jul 2021 16:35

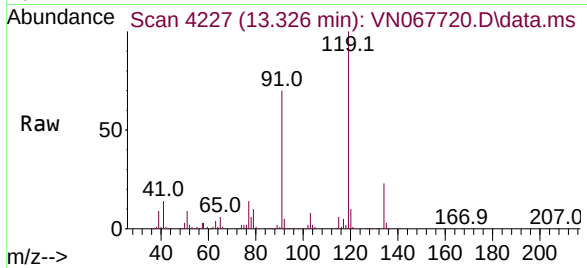
Tgt Ion: 91 Resp: 296855
Ion Ratio Lower Upper
91 100
126 33.2 0.0 66.4





#79
tert-butylbenzene
Concen: 17.818 ug/l
RT: 13.326 min Scan# 4227
Delta R.T. 0.000 min
Lab File: VN067720.D
Acq: 13 Jul 2021 16:35

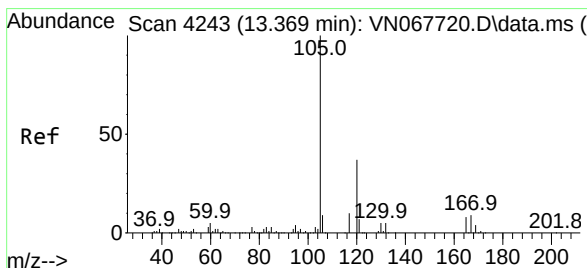
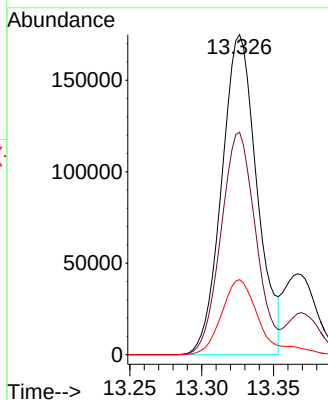
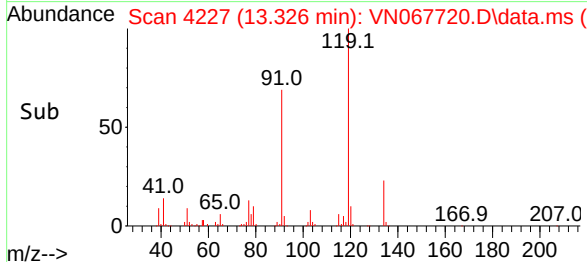
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



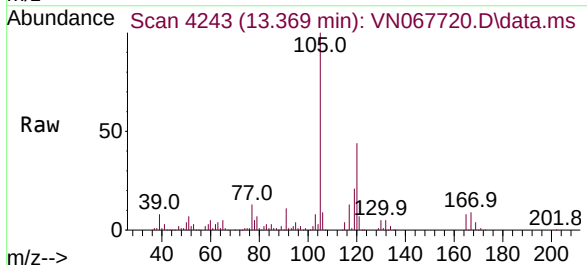
Tgt Ion:119 Resp: 298367
Ion Ratio Lower Upper
119 100
91 68.6 0.0 137.2
134 25.1 0.0 50.2

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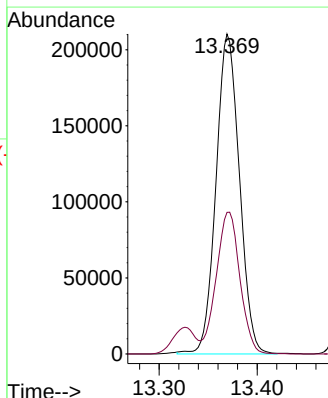
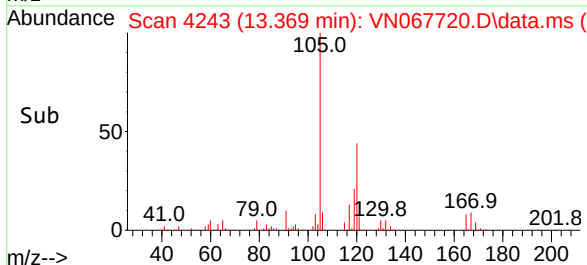
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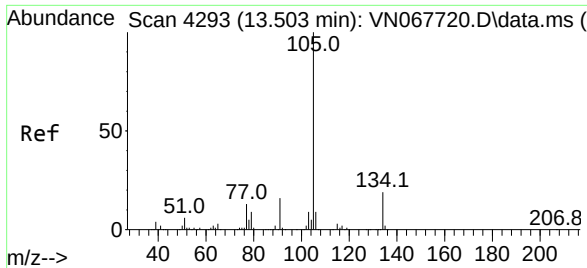


#80
1,2,4-Trimethylbenzene
Concen: 17.927 ug/l m
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN067720.D
Acq: 13 Jul 2021 16:35



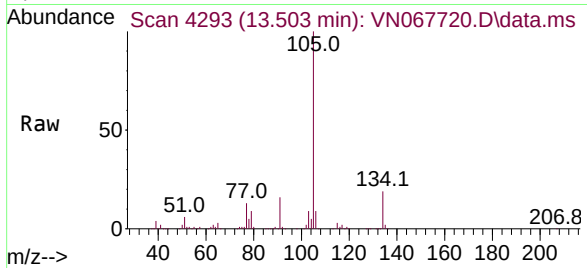
Tgt Ion:105 Resp: 348650
Ion Ratio Lower Upper
105 100
120 0.1 0.0 0.2





#81
 sec-Butylbenzene
 Concen: 18.181 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. 0.000 min
 Lab File: VN067720.D
 Acq: 13 Jul 2021 16:35

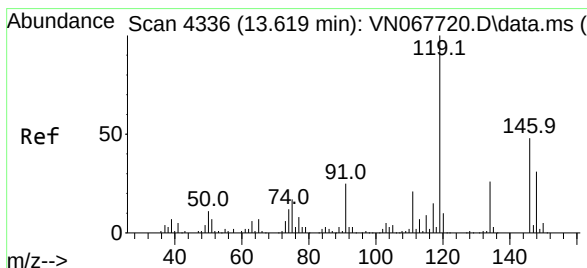
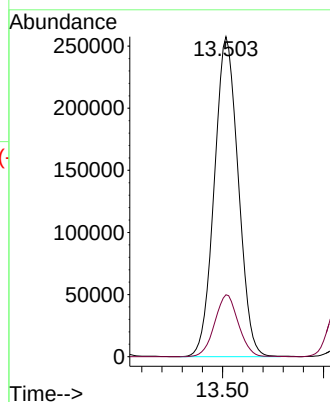
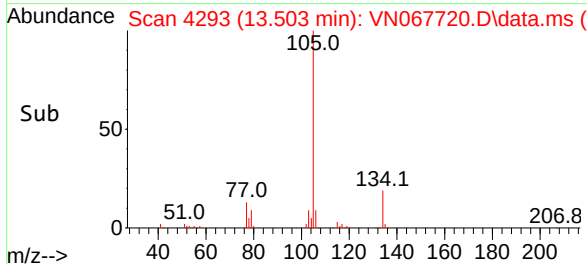
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020



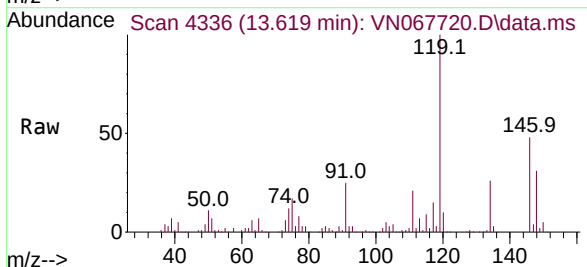
Tgt Ion:105 Resp: 422635
 Ion Ratio Lower Upper
 105 100
 134 19.2 0.0 38.4

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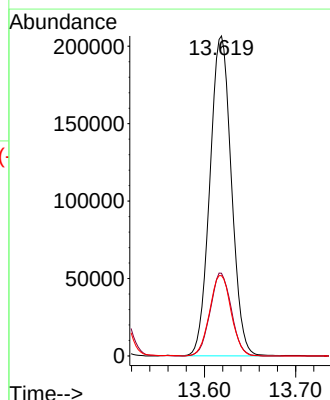
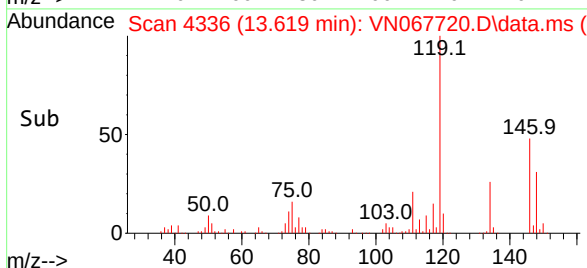
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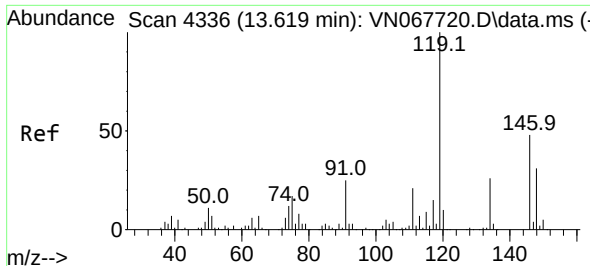


#82
 p-Isopropyltoluene
 Concen: 17.431 ug/l
 RT: 13.619 min Scan# 4336
 Delta R.T. 0.000 min
 Lab File: VN067720.D
 Acq: 13 Jul 2021 16:35



Tgt Ion:119 Resp: 337659
 Ion Ratio Lower Upper
 119 100
 134 25.5 0.0 51.0
 91 25.3 0.0 50.6





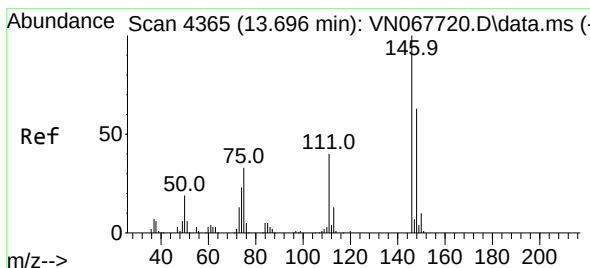
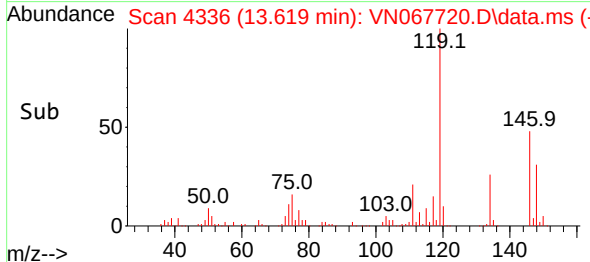
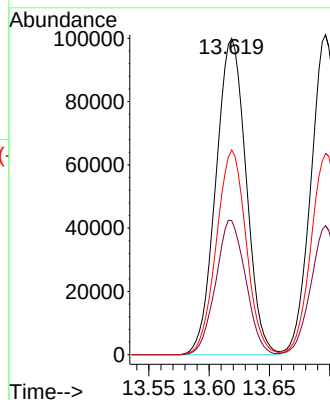
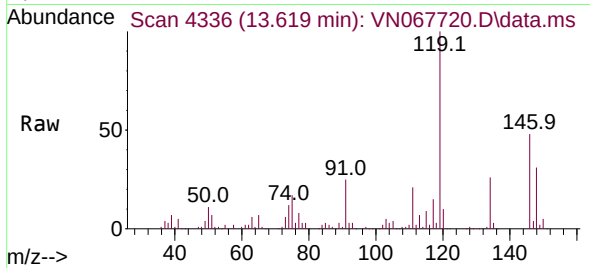
#83
1,3-Dichlorobenzene
Concen: 17.012 ug/l
RT: 13.619 min Scan# 4336
Delta R.T. 0.000 min
Lab File: VN067720.D
Acq: 13 Jul 2021 16:35

Tgt Ion:146 Resp: 174492
Ion Ratio Lower Upper
146 100
111 42.1 21.1 63.1
148 63.8 31.9 95.7

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

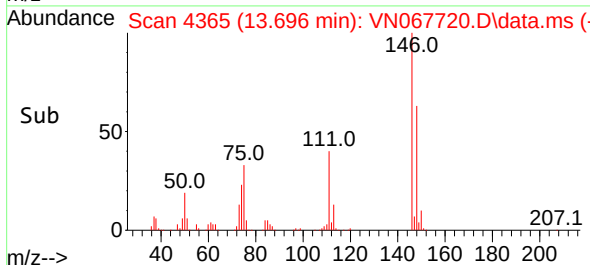
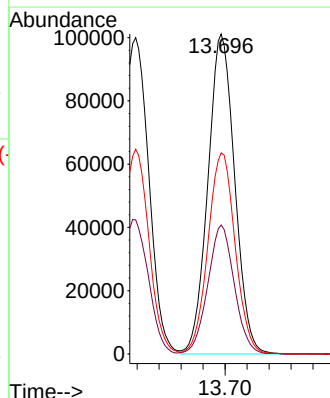
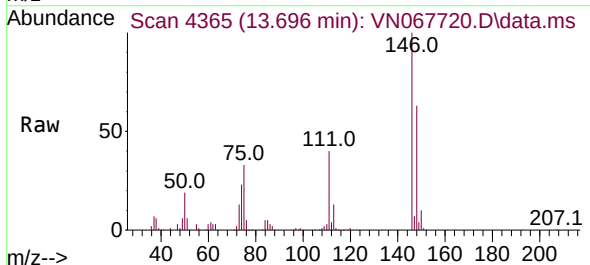
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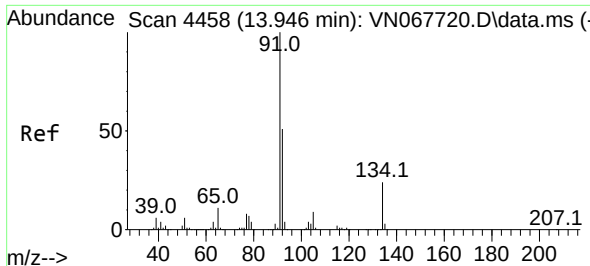
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#84
1,4-Dichlorobenzene
Concen: 17.212 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. 0.000 min
Lab File: VN067720.D
Acq: 13 Jul 2021 16:35

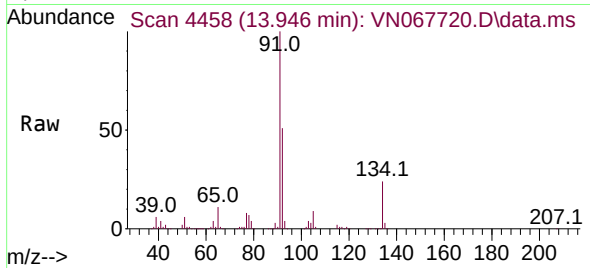
Tgt Ion:146 Resp: 170956
Ion Ratio Lower Upper
146 100
111 39.9 20.0 59.9
148 63.5 31.8 95.3





#85
n-Butylbenzene
Concen: 17.547 ug/l
RT: 13.946 min Scan# 4458
Delta R.T. 0.000 min
Lab File: VN067720.D
Acq: 13 Jul 2021 16:35

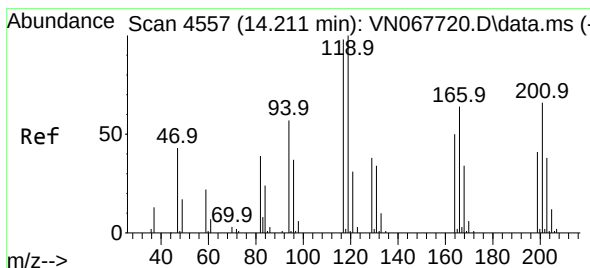
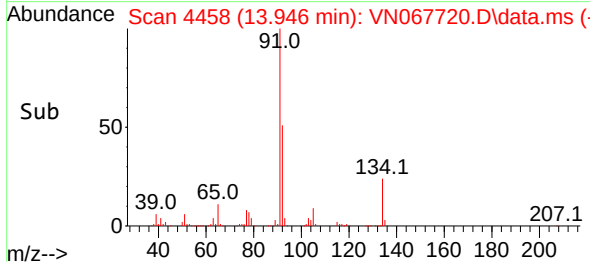
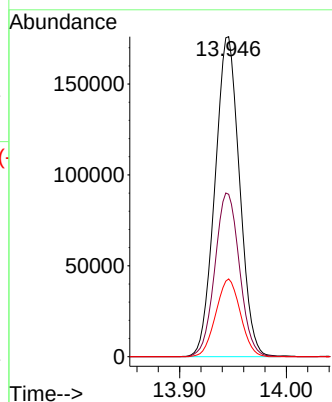
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 91 Resp: 281650
Ion Ratio Lower Upper
91 100
92 51.3 0.0 102.6
134 24.3 0.0 48.6

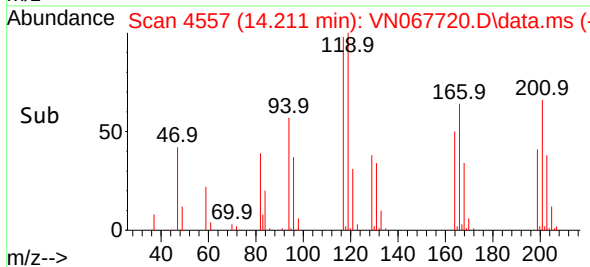
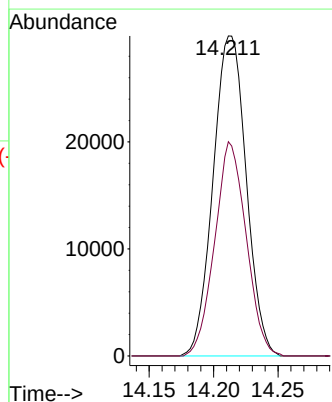
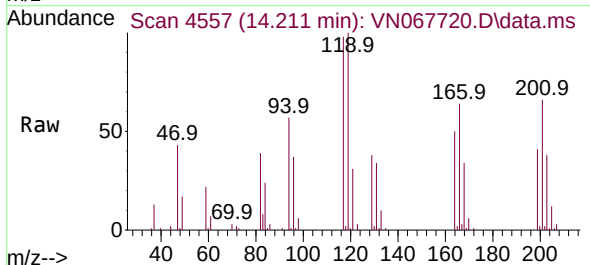
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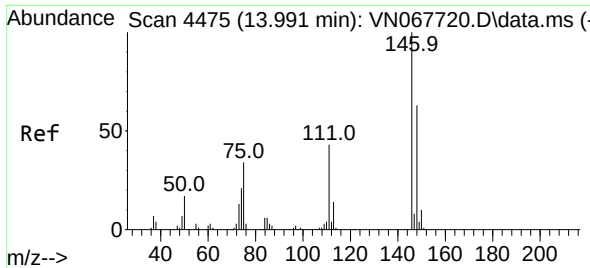
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#86
Hexachloroethane
Concen: 16.169 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.000 min
Lab File: VN067720.D
Acq: 13 Jul 2021 16:35

Tgt Ion: 117 Resp: 53483
Ion Ratio Lower Upper
117 100
201 63.5 31.8 95.3





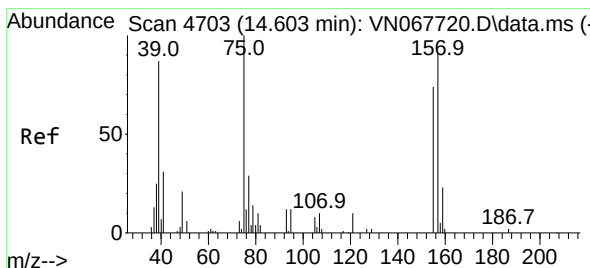
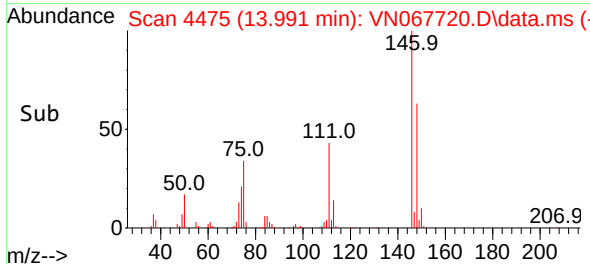
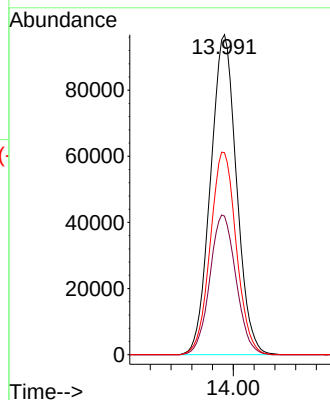
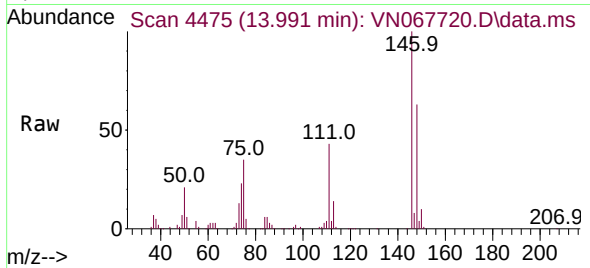
#87
1,2-Dichlorobenzene
Concen: 17.336 ug/l
RT: 13.991 min Scan# 4475
Delta R.T. 0.000 min
Lab File: VN067720.D
Acq: 13 Jul 2021 16:35

Tgt Ion:146 Resp: 168243
Ion Ratio Lower Upper
146 100
111 44.0 22.0 66.0
148 63.4 31.7 95.1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

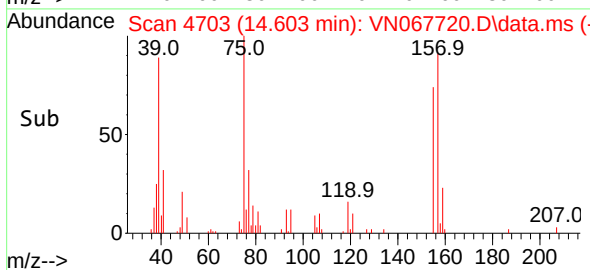
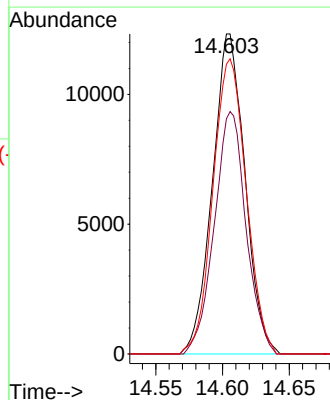
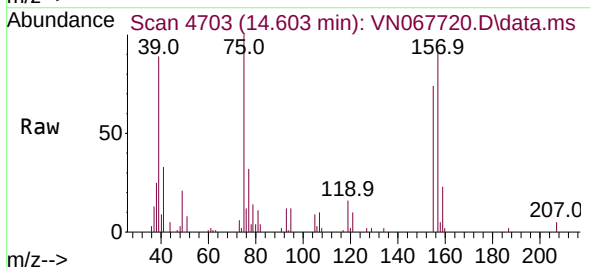
Manual Integrations
APPROVED

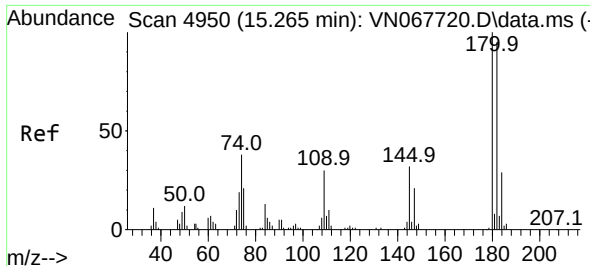
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#88
1,2-Dibromo-3-Chloropropane
Concen: 16.980 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. 0.000 min
Lab File: VN067720.D
Acq: 13 Jul 2021 16:35

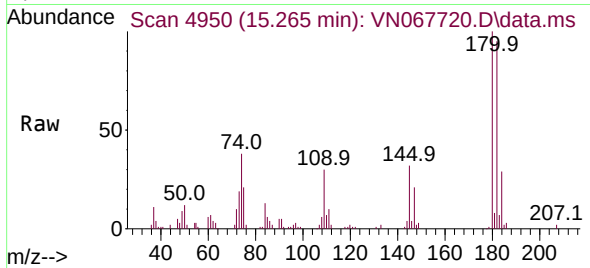
Tgt Ion: 75 Resp: 20868
Ion Ratio Lower Upper
75 100
155 74.0 59.2 88.8
157 94.3 75.4 113.2





#89
1,2,4-Trichlorobenzene
Concen: 15.291 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN067720.D
Acq: 13 Jul 2021 16:35

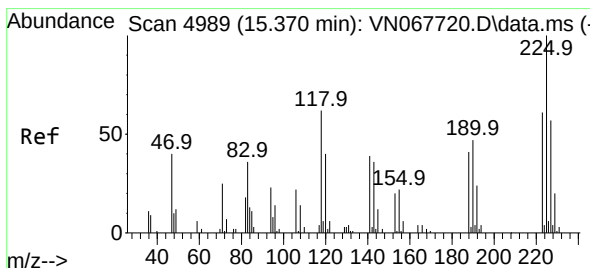
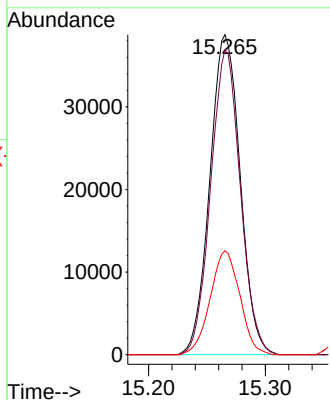
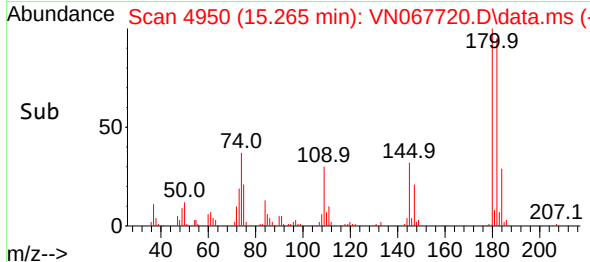
Instrument :
MSVOA_N
ClientSampled :
VSTDICCC020



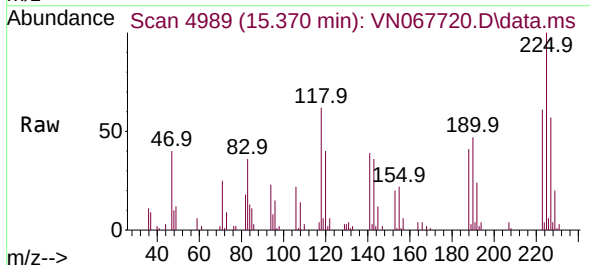
Tgt Ion:180 Resp: 69901
Ion Ratio Lower Upper
180 100
182 93.1 74.5 111.7
145 31.7 25.4 38.0

Manual Integrations
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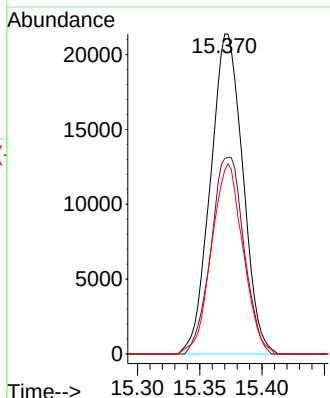
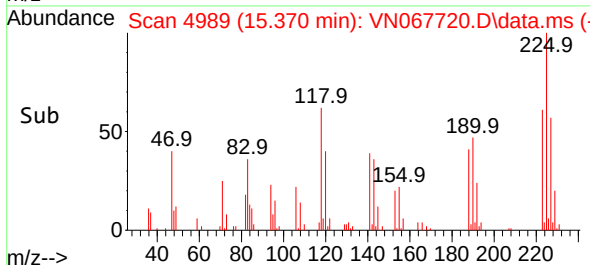
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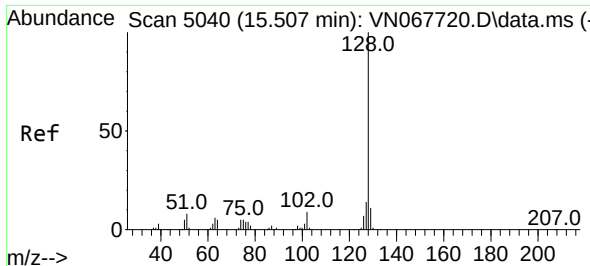


#90
Hexachlorobutadiene
Concen: 17.765 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. 0.000 min
Lab File: VN067720.D
Acq: 13 Jul 2021 16:35



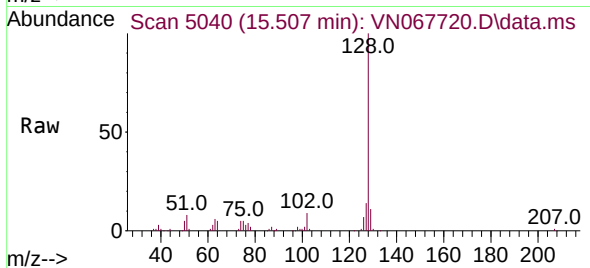
Tgt Ion:225 Resp: 38654
Ion Ratio Lower Upper
225 100
223 62.3 0.0 124.6
227 57.8 0.0 115.6





#91
Naphthalene
Concen: 15.117 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. 0.000 min
Lab File: VN067720.D
Acq: 13 Jul 2021 16:35

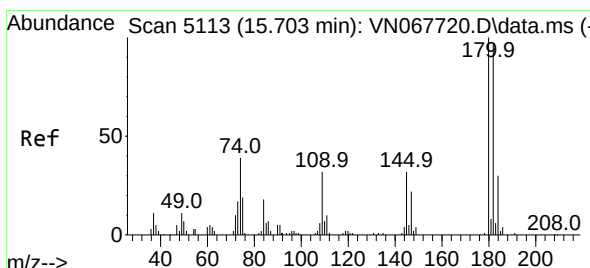
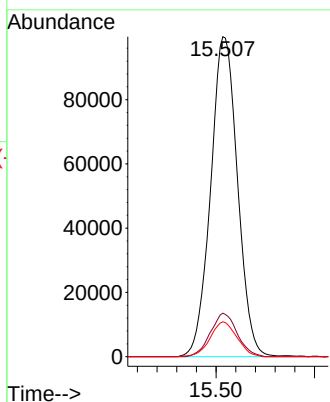
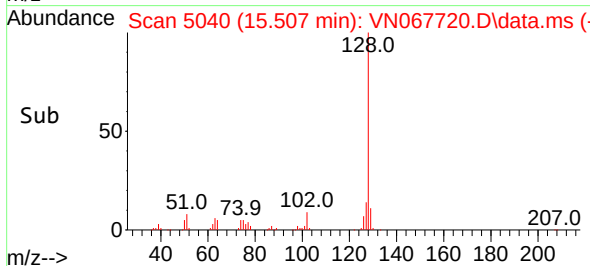
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



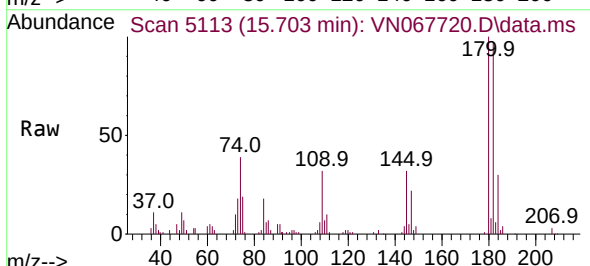
Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.9	16.3
129	10.9	8.7	13.1

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#92
1,2,3-Trichlorobenzene
Concen: 15.339 ug/l
RT: 15.703 min Scan# 5113
Delta R.T. 0.000 min
Lab File: VN067720.D
Acq: 13 Jul 2021 16:35



Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	0.0	190.8
145	34.1	0.0	68.2

