

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032921\
 Data File : VN066413.D
 Acq On : 30 Mar 2021 6:16
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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 3/31/2021 5:51:27 PM

Quant Time: Mar 30 07:11:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 26 16:26:01 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.582	168	385242	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.512	114	612594	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	566435	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	281449	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.946	65	268050	52.34	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.68%			
35) Dibromofluoromethane	7.504	113	207314	51.05	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.10%			
50) Toluene-d8	10.025	98	783371	50.86	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.72%			
62) 4-Bromofluorobenzene	12.342	95	270052	50.47	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.94%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.815	85	249521	51.42	ug/l	99
3) Chloromethane	2.014	50	282230	55.13	ug/l	100
4) Vinyl Chloride	2.143	62	308366	55.53	ug/l	99
5) Bromomethane	2.502	94	206151	55.34	ug/l	100
6) Chloroethane	2.644	64	197514	57.06	ug/l	98
7) Trichlorofluoromethane	2.958	101	414382	54.26	ug/l	99
8) Diethyl Ether	3.339	74	163534	52.57	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.677	101	229730	53.28	ug/l	97
10) Methyl Iodide	3.864	142	327208	53.49	ug/l	99
11) Tert butyl alcohol	4.707	59	208674	267.18	ug/l #	84
12) 1,1-Dichloroethene	3.655	96	231579	52.45	ug/l	97
13) Acrolein	3.527	56	91098	222.57	ug/l	100
14) Allyl chloride	4.227	41	473553	54.24	ug/l	98
15) Acrylonitrile	4.881	53	587944	269.94	ug/l	100
16) Acetone	3.736	43	708050	255.90	ug/l	98
17) Carbon Disulfide	3.961	76	693766	53.22	ug/l	100
18) Methyl Acetate	4.232	43	431290	59.68	ug/l	99
19) Methyl tert-butyl Ether	4.943	73	649732	49.64	ug/l	98
20) Methylene Chloride	4.449	84	281460	58.30	ug/l	97
21) trans-1,2-Dichloroethene	4.927	96	201864	50.42	ug/l	98
22) Diisopropyl ether	5.857	45	722942	53.07	ug/l	98
23) Vinyl Acetate	5.793	43	3125333	269.48	ug/l	100
24) 1,1-Dichloroethane	5.739	63	394643	52.46	ug/l	99
25) 2-Butanone	6.745	43	821096	271.48	ug/l	99
26) 2,2-Dichloropropane	6.721	77	243351	36.29	ug/l	97
27) cis-1,2-Dichloroethene	6.729	96	237237	50.80	ug/l	97
28) Bromochloromethane	7.102	49	203826	53.76	ug/l	97
29) Tetrahydrofuran	7.126	42	554777	281.12	ug/l	99
30) Chloroform	7.284	83	399053	53.09	ug/l	100
31) Cyclohexane	7.568	56	352494	49.73	ug/l	96
32) 1,1,1-Trichloroethane	7.482	97	342890	51.92	ug/l	99
36) 1,1-Dichloropropene	7.708	75	287933	50.03	ug/l	99
37) Ethyl Acetate	6.841	43	342637	54.09	ug/l	99
38) Carbon Tetrachloride	7.689	117	288450	49.85	ug/l	100
39) Methylcyclohexane	9.011	83	345363	49.23	ug/l	100
40) Benzene	7.960	78	912831	52.52	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.077	41	158959	50.58	ug/l	96
42) 1,2-Dichloroethane	8.046	62	317707	51.03	ug/l	99
43) Isopropyl Acetate	8.091	43	566557	52.33	ug/l	99
44) Trichloroethene	8.764	130	222817	48.74	ug/l	99
45) 1,2-Dichloropropane	9.049	63	248222	53.61	ug/l	96
46) Dibromomethane	9.137	93	161042	53.05	ug/l	98
47) Bromodichloromethane	9.336	83	325419	51.92	ug/l	97
48) Methyl methacrylate	9.135	41	270404	52.49	ug/l	97
49) 1,4-Dioxane	9.135	88	69435	1072.40	ug/l	98
51) 4-Methyl-2-Pentanone	9.920	43	1762303	278.52	ug/l	100
52) Toluene	10.092	92	557329	52.23	ug/l	98
53) t-1,3-Dichloropropene	10.320	75	338035	49.65	ug/l	100
54) cis-1,3-Dichloropropene	9.776	75	367345	50.24	ug/l	97
55) 1,1,2-Trichloroethane	10.500	97	229947	53.60	ug/l	98
56) Ethyl methacrylate	10.371	69	348818	53.02	ug/l	97
57) 1,3-Dichloropropane	10.645	76	379092	53.26	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.631	63	260851	348.90	ug/l	99
59) 2-Hexanone	10.693	43	1265765	285.54	ug/l	100
60) Dibromochloromethane	10.840	129	251884	52.88	ug/l	100
61) 1,2-Dibromoethane	10.945	107	235857	52.73	ug/l	100
64) Tetrachloroethene	10.569	164	200262	41.54	ug/l	98
65) Chlorobenzene	11.374	112	574798	50.91	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.449	131	225945	51.96	ug/l	100
67) Ethyl Benzene	11.452	91	1064808	51.94	ug/l	100
68) m/p-Xylenes	11.562	106	794736	102.04	ug/l	99
69) o-Xylene	11.889	106	379437	50.49	ug/l	100
70) Styrene	11.905	104	640297	52.55	ug/l	99
71) Bromoform	12.069	173	188327	52.07	ug/l #	100
73) Isopropylbenzene	12.192	105	1017621	48.61	ug/l	100
74) N-amyl acetate	12.015	43	391133	47.67	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.447	83	346062	51.91	ug/l	97
76) 1,2,3-Trichloropropane	12.495	75	296146m	47.95	ug/l	
77) Bromobenzene	12.466	156	257655	48.74	ug/l	99
78) n-propylbenzene	12.535	91	1148922	50.48	ug/l	99
79) 2-Chlorotoluene	12.616	91	673301	48.10	ug/l	99
80) 1,3,5-Trimethylbenzene	12.677	105	839153	49.01	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.243	75	98217	47.83	ug/l	99
82) 4-Chlorotoluene	12.715	91	687262	49.34	ug/l	99
83) tert-Butylbenzene	12.935	119	708107	48.04	ug/l	99
84) 1,2,4-Trimethylbenzene	12.983	105	824519	49.56	ug/l	100
85) sec-Butylbenzene	13.115	105	957662	50.14	ug/l	99
86) p-Isopropyltoluene	13.233	119	845038	49.41	ug/l	99
87) 1,3-Dichlorobenzene	13.225	146	441487	49.77	ug/l	100
88) 1,4-Dichlorobenzene	13.305	146	452707	49.15	ug/l	99
89) n-Butylbenzene	13.557	91	700432	49.57	ug/l	100
90) Hexachloroethane	13.815	117	154107	49.96	ug/l	100
91) 1,2-Dichlorobenzene	13.595	146	438453	50.27	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.214	75	67822	53.05	ug/l	97
93) 1,2,4-Trichlorobenzene	14.850	180	263726	48.76	ug/l	99
94) Hexachlorobutadiene	14.949	225	141313	47.90	ug/l	99
95) Naphthalene	15.067	128	766133	48.58	ug/l	100
96) 1,2,3-Trichlorobenzene	15.247	180	263465	48.46	ug/l	100

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

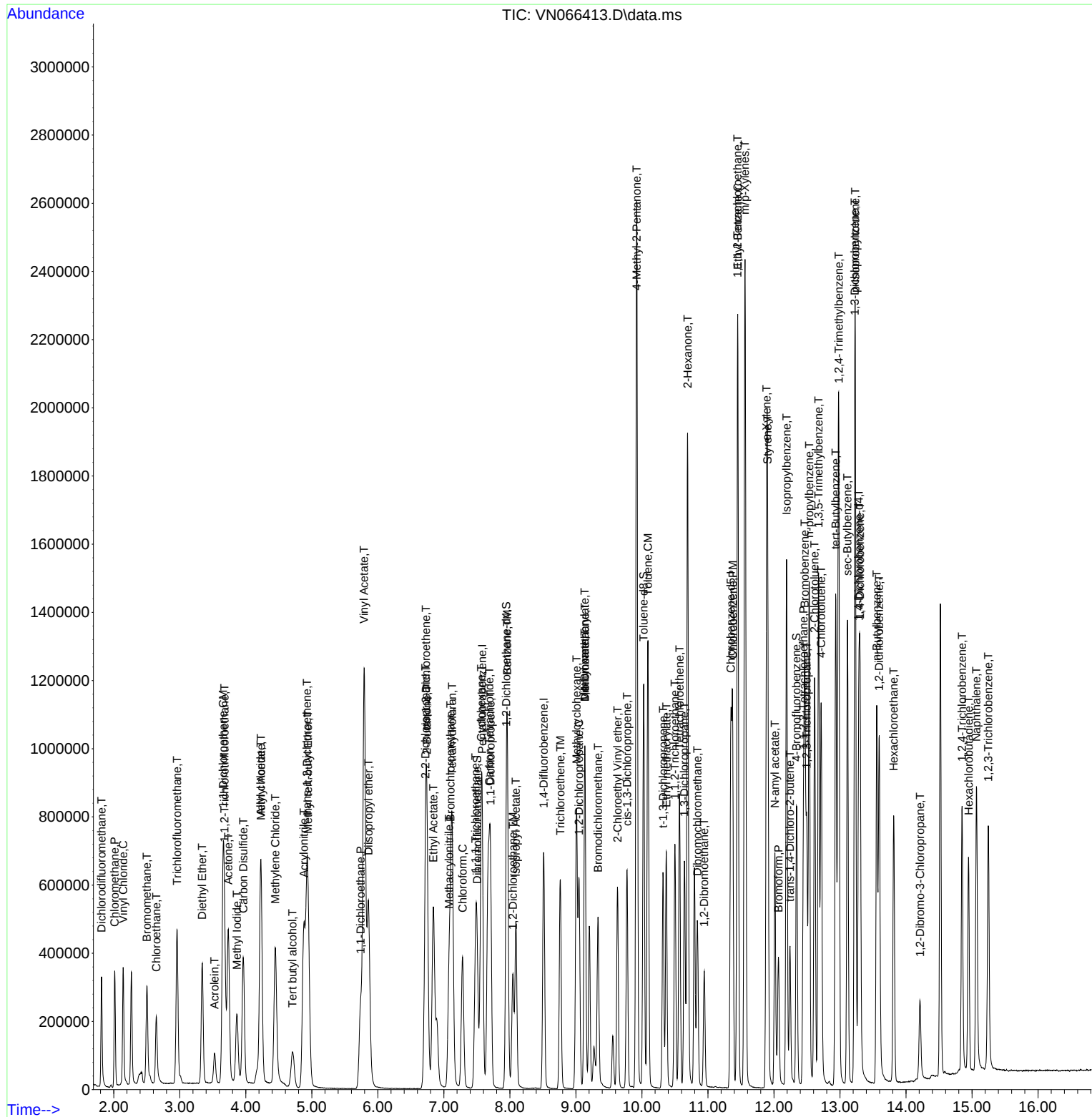
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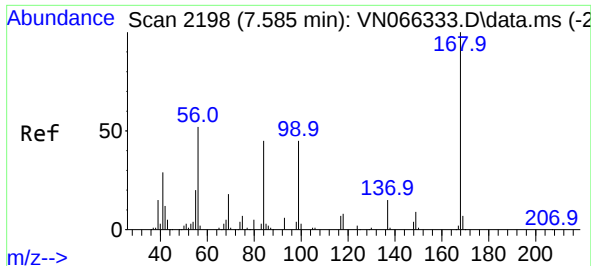
Instrument :
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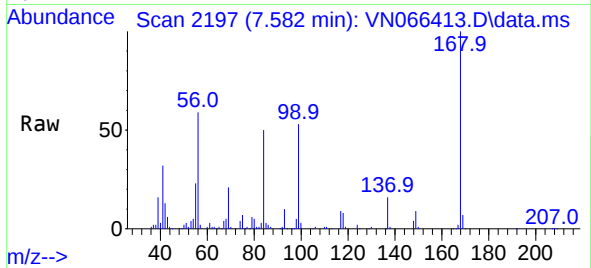
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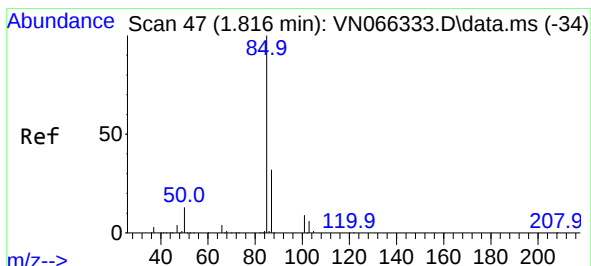
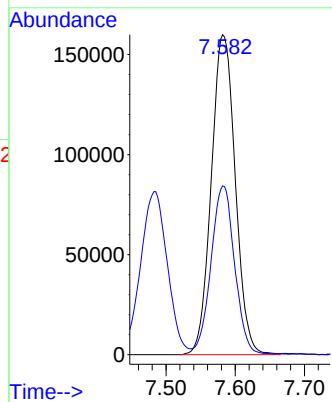
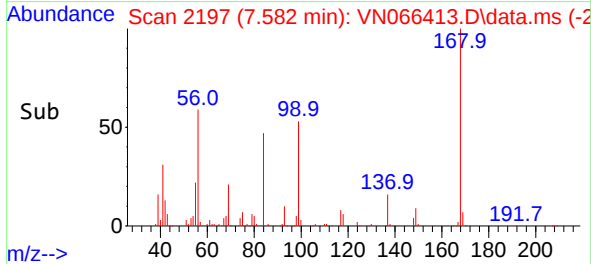




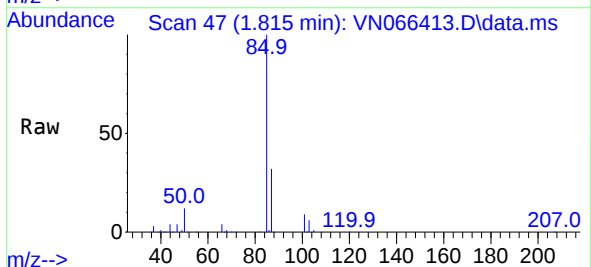
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.582 min Scan# 2197
Delta R.T. -0.003 min
Lab File: VN066413.D
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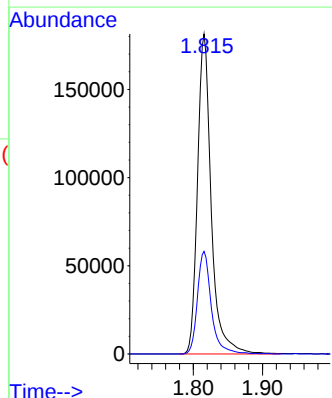
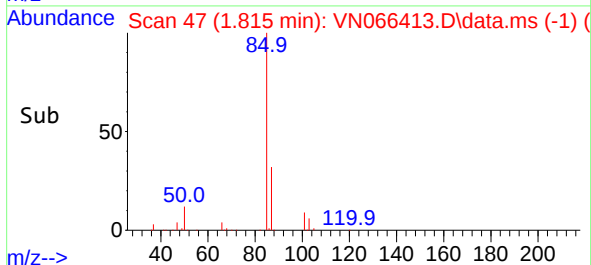
Tgt Ion: 168 Resp: 385242
Ion Ratio Lower Upper
168 100
99 52.5 41.1 61.7



#2
Dichlorodifluoromethane
Concen: 51.42 ug/l
RT: 1.815 min Scan# 47
Delta R.T. -0.000 min
Lab File: VN066413.D
Acq: 30 Mar 2021 6:16



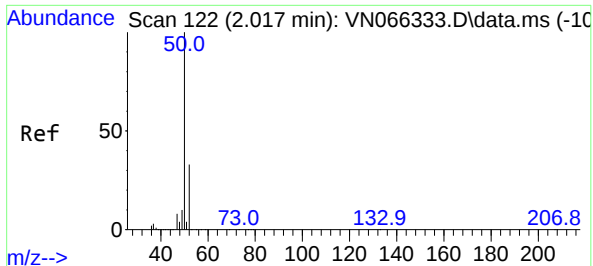
Tgt Ion: 85 Resp: 249521
Ion Ratio Lower Upper
85 100
87 32.1 16.2 48.6



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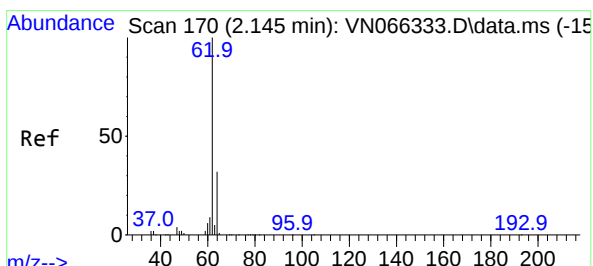
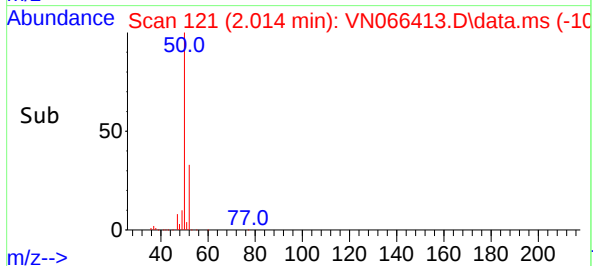
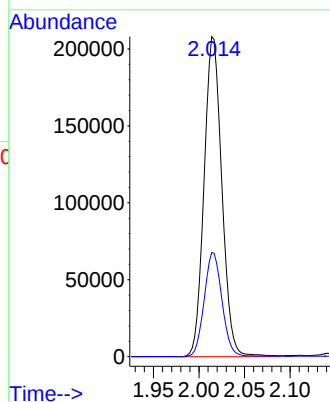
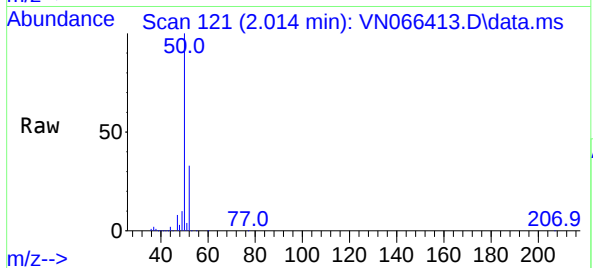
#3
Chloromethane
Concen: 55.13 ug/l
RT: 2.014 min Scan# 121
Delta R.T. -0.003 min
Lab File: VN066413.D
Acq: 30 Mar 2021 6:16

Tgt Ion: 50 Resp: 282230
Ion Ratio Lower Upper
50 100
52 32.6 26.2 39.2

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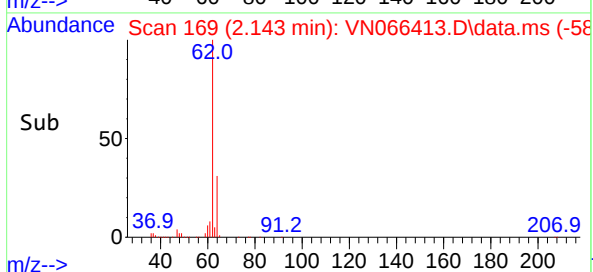
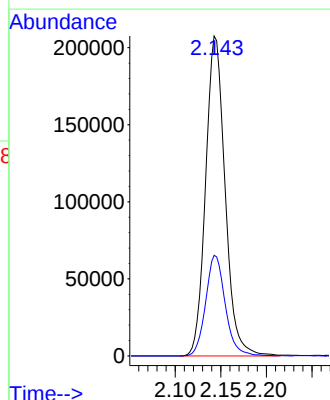
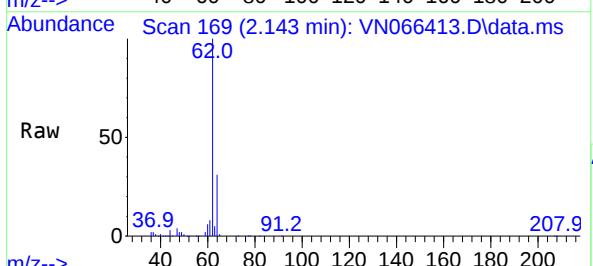
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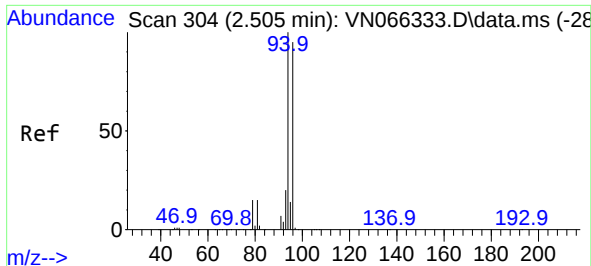
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#4
Vinyl Chloride
Concen: 55.53 ug/l
RT: 2.143 min Scan# 169
Delta R.T. -0.003 min
Lab File: VN066413.D
Acq: 30 Mar 2021 6:16

Tgt Ion: 62 Resp: 308366
Ion Ratio Lower Upper
62 100
64 31.5 25.6 38.4





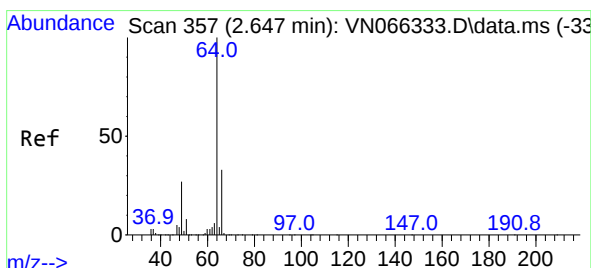
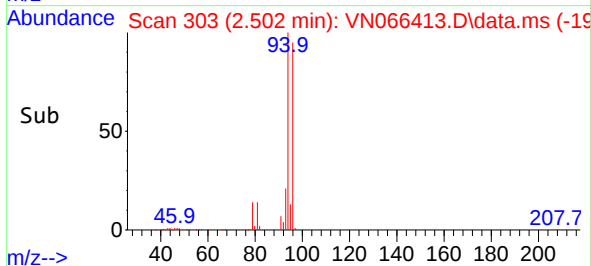
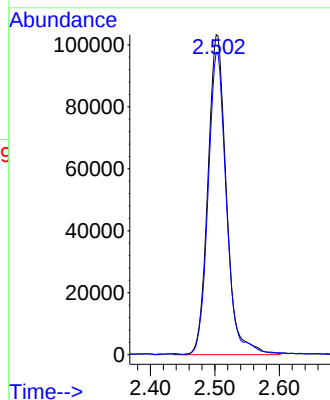
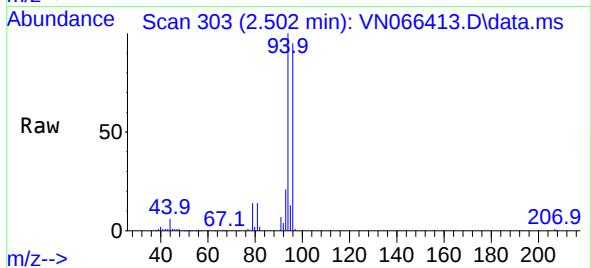
#5
Bromomethane
Concen: 55.34 ug/l
RT: 2.502 min Scan# 303
Delta R.T. -0.003 min
Lab File: VN066413.D
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Tgt Ion: 94 Resp: 206151
Ion Ratio Lower Upper
94 100
96 94.3 75.8 113.6

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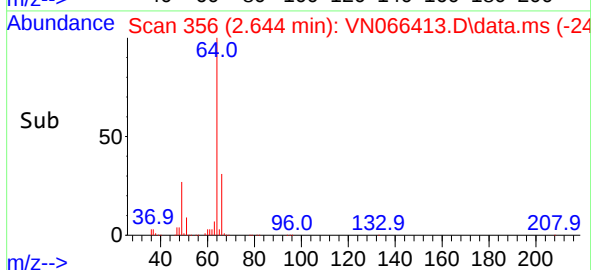
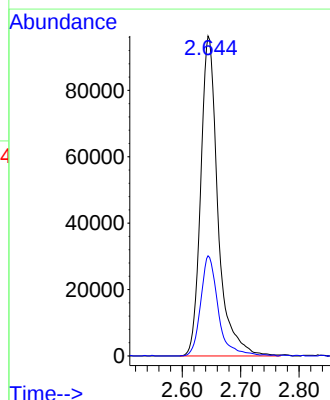
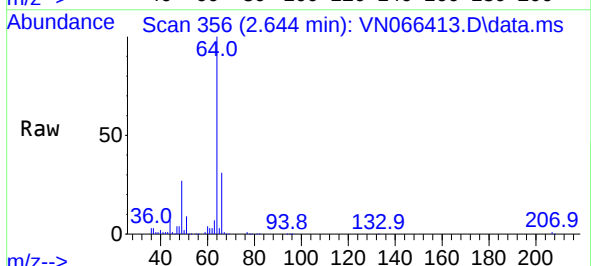
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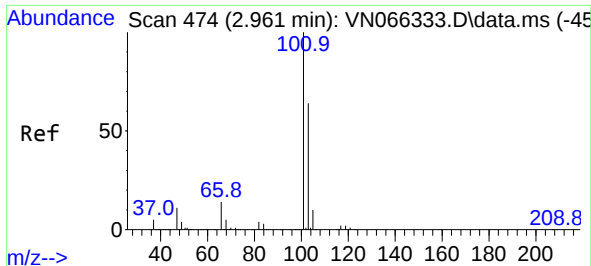
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#6
Chloroethane
Concen: 57.06 ug/l
RT: 2.644 min Scan# 356
Delta R.T. -0.003 min
Lab File: VN066413.D
Acq: 30 Mar 2021 6:16

Tgt Ion: 64 Resp: 197514
Ion Ratio Lower Upper
64 100
66 31.3 26.1 39.1





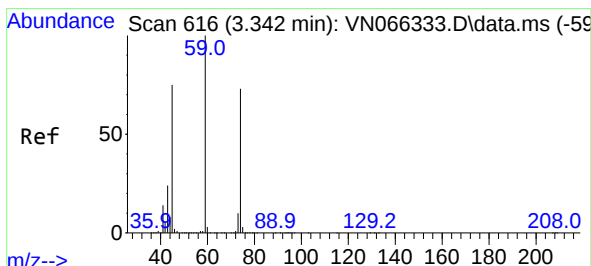
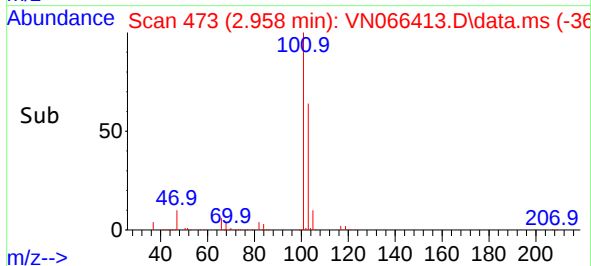
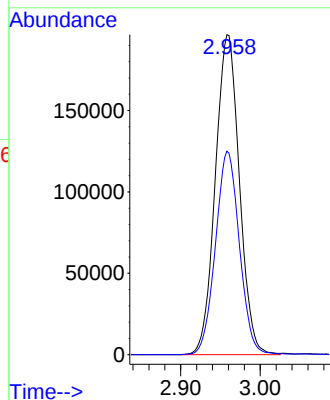
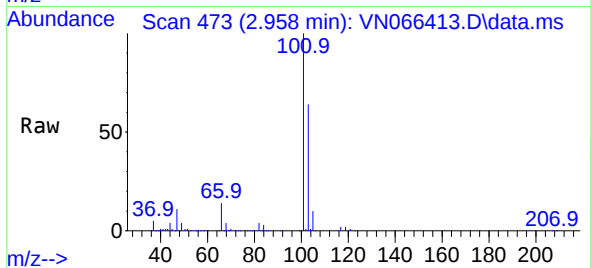
#7
Trichlorofluoromethane
Concen: 54.26 ug/l
RT: 2.958 min Scan# 473
Delta R.T. -0.003 min
Lab File: VN066413.D
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Tgt Ion:101 Resp: 414382
Ion Ratio Lower Upper
101 100
103 63.6 51.4 77.0

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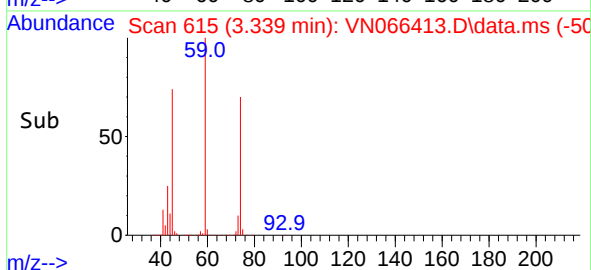
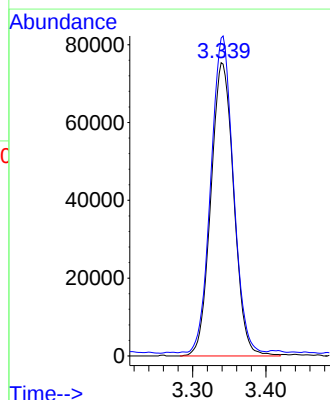
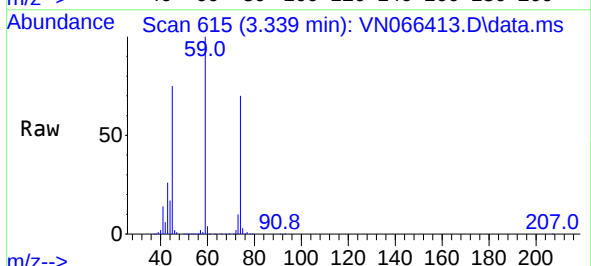
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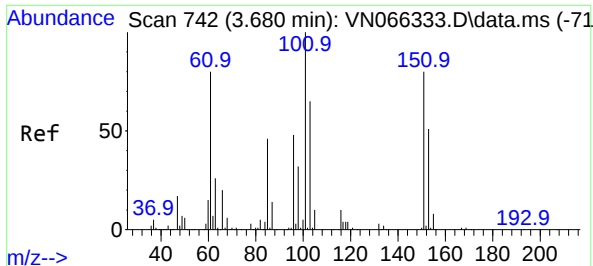
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#8
Diethyl Ether
Concen: 52.57 ug/l
RT: 3.339 min Scan# 615
Delta R.T. -0.003 min
Lab File: VN066413.D
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Tgt Ion: 74 Resp: 163534
Ion Ratio Lower Upper
74 100
45 106.0 51.6 154.8





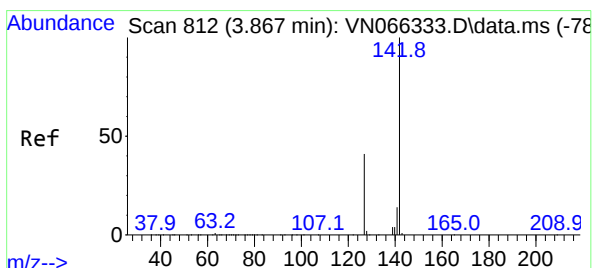
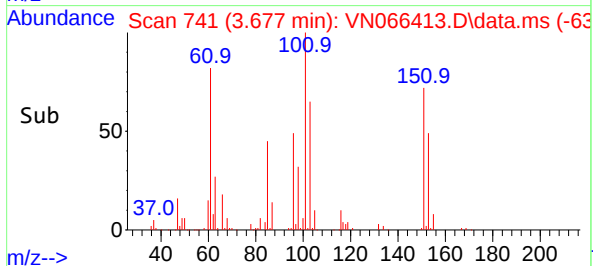
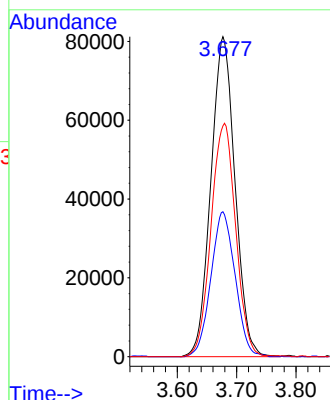
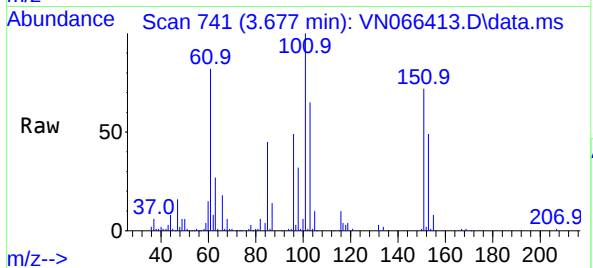
#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.28 ug/l
RT: 3.677 min Scan# 741
Delta R.T. -0.003 min
Lab File: VN066413.D
Acq: 30 Mar 2021 6:16

Tgt Ion:101 Resp: 229730
Ion Ratio Lower Upper
101 100
85 45.5 36.8 55.2
151 74.5 63.0 94.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

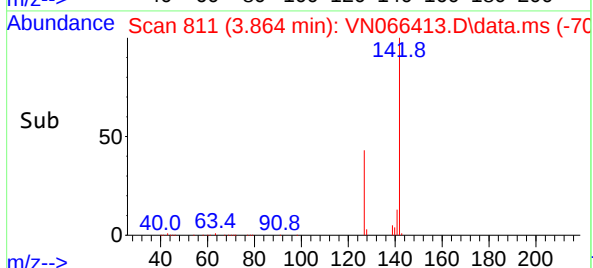
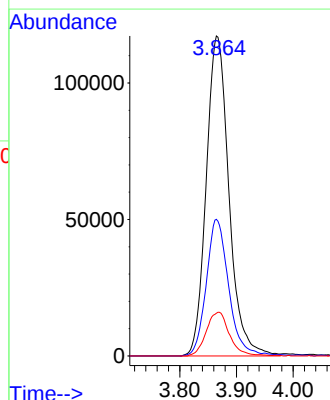
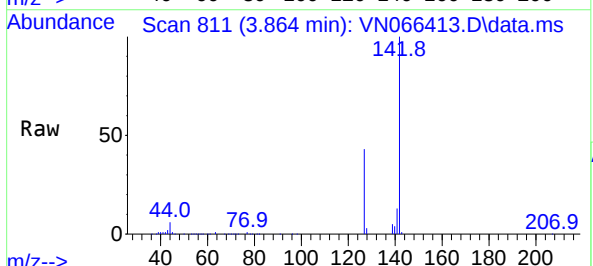
Manual Integrations
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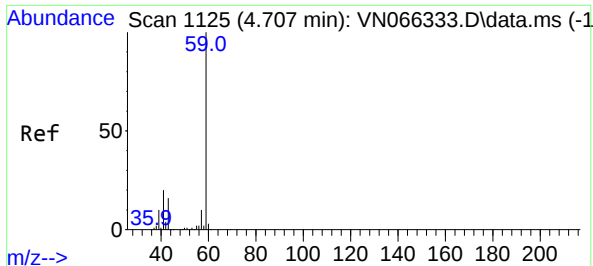
SAM
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#10
Methyl Iodide
Concen: 53.49 ug/l
RT: 3.864 min Scan# 811
Delta R.T. -0.003 min
Lab File: VN066413.D
Acq: 30 Mar 2021 6:16

Tgt Ion:142 Resp: 327208
Ion Ratio Lower Upper
142 100
127 41.8 33.0 49.6
141 14.0 11.1 16.7





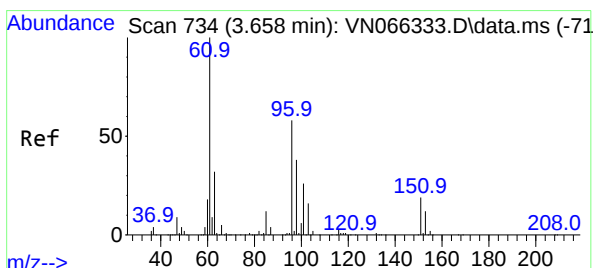
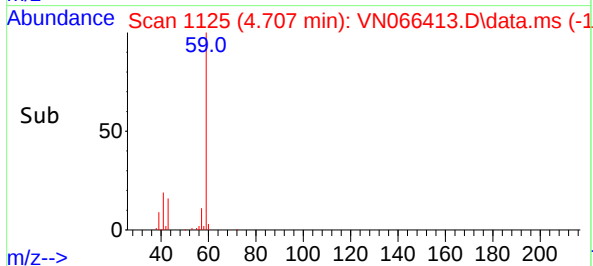
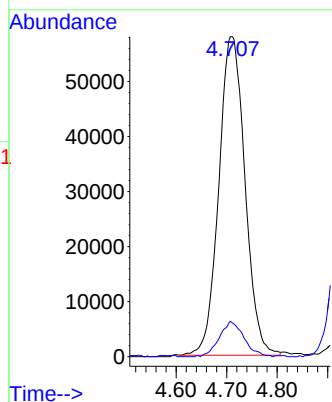
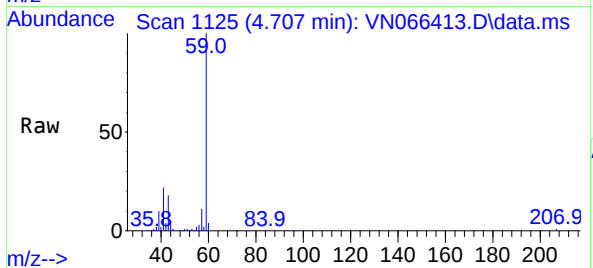
#11
Tert butyl alcohol
Concen: 267.18 ug/l
RT: 4.707 min Scan# 1125
Delta R.T. -0.000 min
Lab File: VN066413.D
Acq: 30 Mar 2021 6:16

Tgt Ion: 59 Resp: 208674
Ion Ratio Lower Upper
59 100
57 10.4 4.1 6.1#

Instrument :
MSVOA_N
ClientSampleId :
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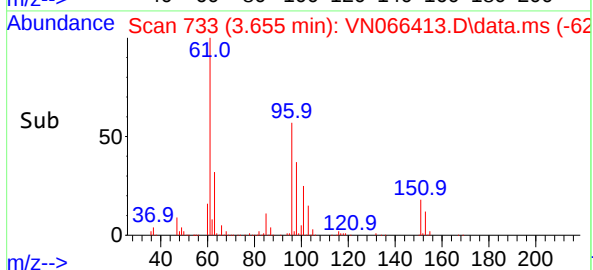
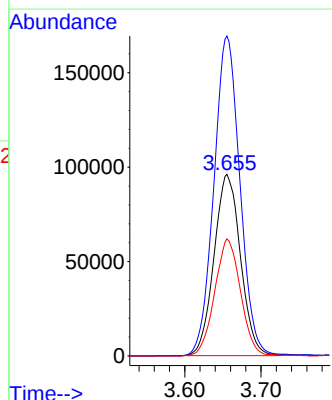
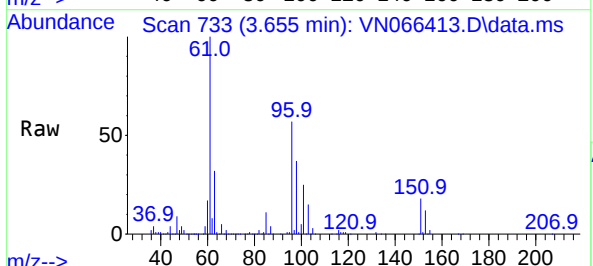
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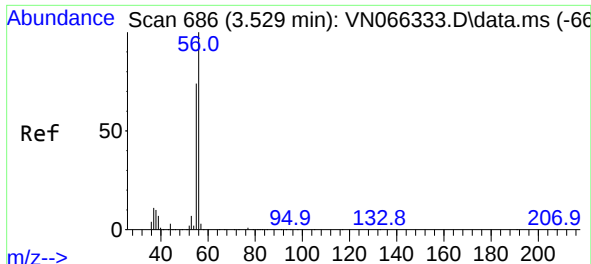
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#12
1,1-Dichloroethene
Concen: 52.45 ug/l
RT: 3.655 min Scan# 733
Delta R.T. -0.003 min
Lab File: VN066413.D
Acq: 30 Mar 2021 6:16

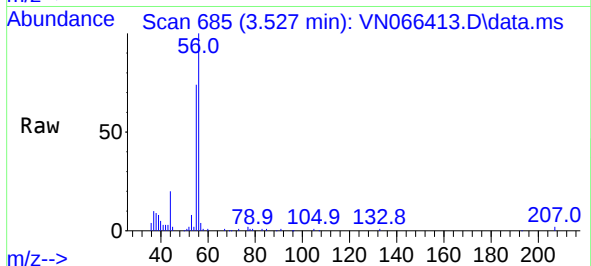
Tgt Ion: 96 Resp: 231579
Ion Ratio Lower Upper
96 100
61 176.6 137.0 205.4
98 64.6 51.5 77.3





#13
Acrolein
Concen: 222.57 ug/l
RT: 3.527 min Scan# 685
Delta R.T. -0.002 min
Lab File: VN066413.D
Acq: 30 Mar 2021 6:16

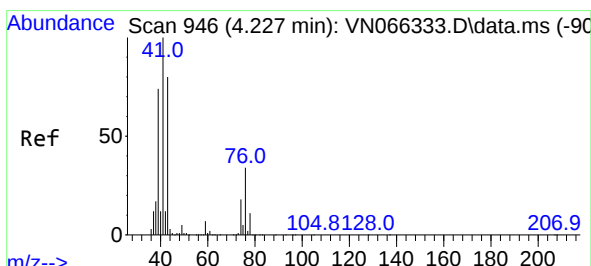
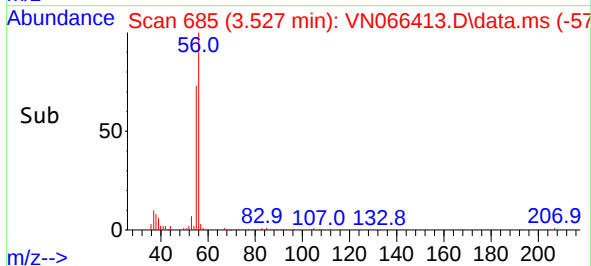
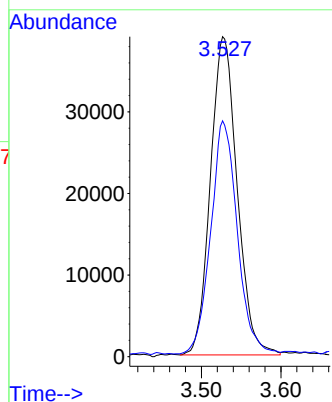
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 91098
Ion Ratio Lower Upper
56 100
55 72.6 57.9 86.9

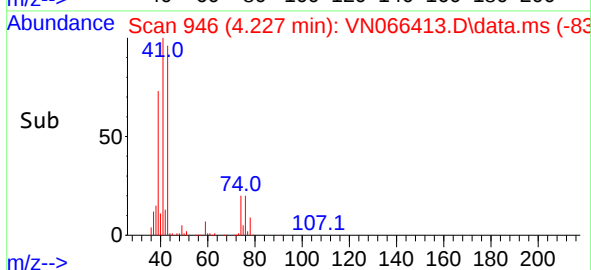
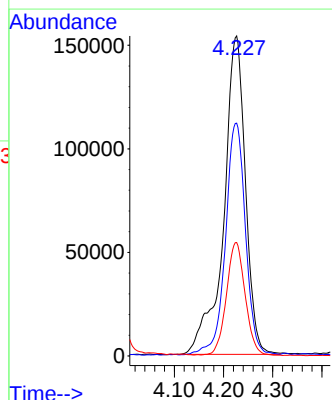
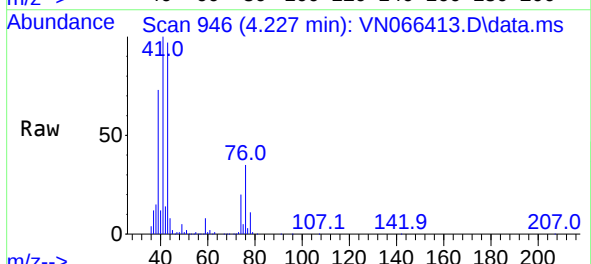
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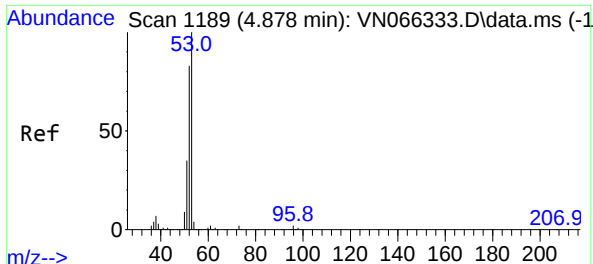
SAM
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#14
Allyl chloride
Concen: 54.24 ug/l
RT: 4.227 min Scan# 946
Delta R.T. -0.000 min
Lab File: VN066413.D
Acq: 30 Mar 2021 6:16

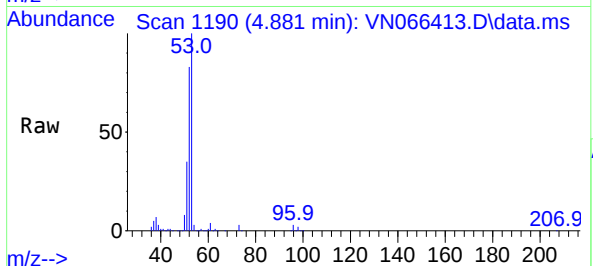
Tgt Ion: 41 Resp: 473553
Ion Ratio Lower Upper
41 100
39 66.8 55.3 82.9
76 30.4 24.6 36.8





#15
Acrylonitrile
Concen: 269.94 ug/l
RT: 4.881 min Scan# 1190
Delta R.T. 0.003 min
Lab File: VN066413.D
Acq: 30 Mar 2021 6:16

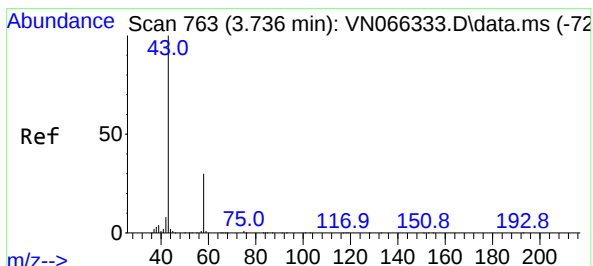
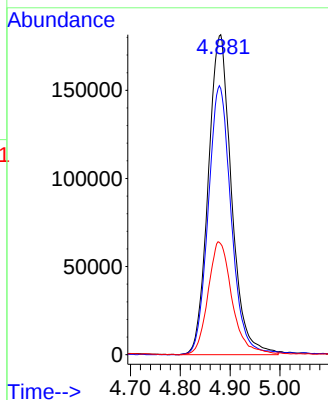
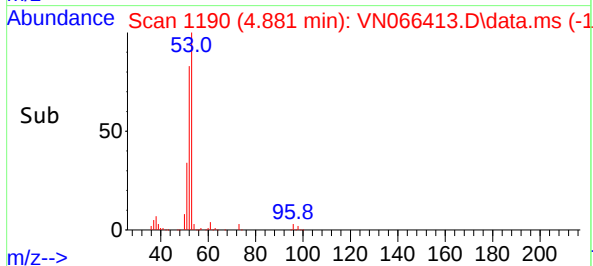
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



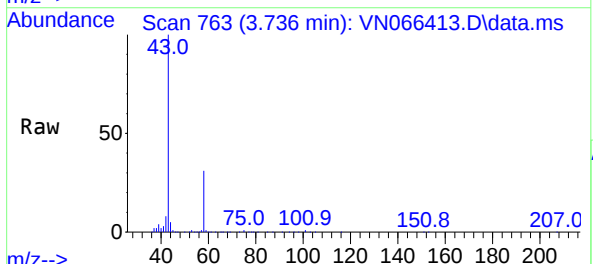
Tgt Ion: 53 Resp: 587944
Ion Ratio Lower Upper
53 100
52 83.6 66.6 99.8
51 36.6 29.4 44.0

Manual Integrations
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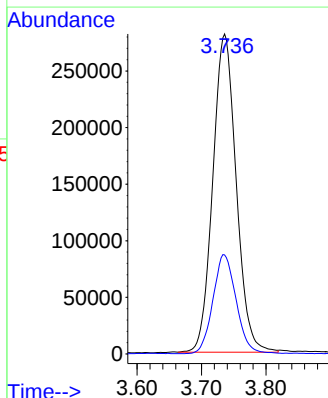
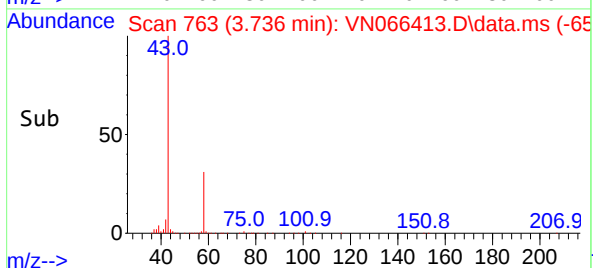
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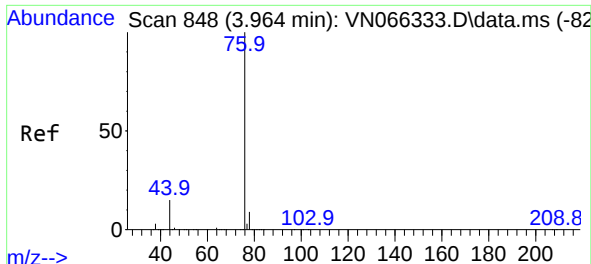


#16
Acetone
Concen: 255.90 ug/l
RT: 3.736 min Scan# 763
Delta R.T. -0.000 min
Lab File: VN066413.D
Acq: 30 Mar 2021 6:16



Tgt Ion: 43 Resp: 708050
Ion Ratio Lower Upper
43 100
58 31.0 23.8 35.8





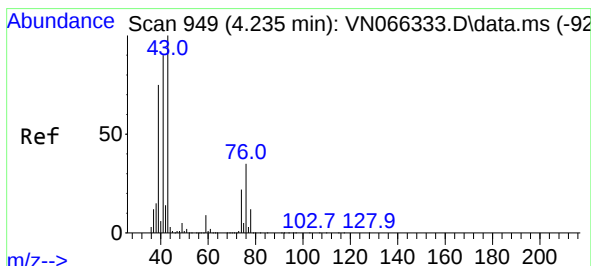
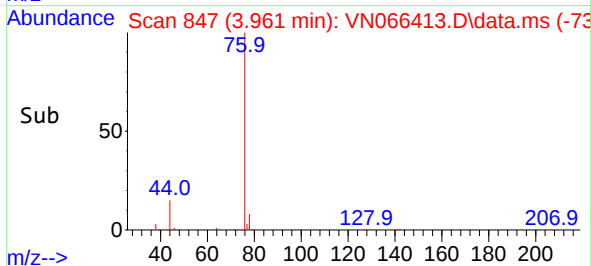
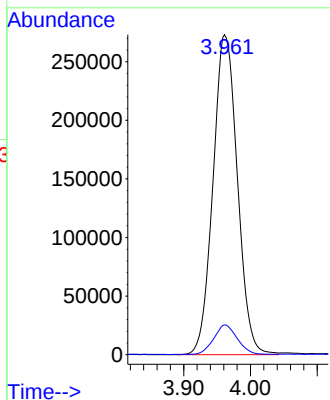
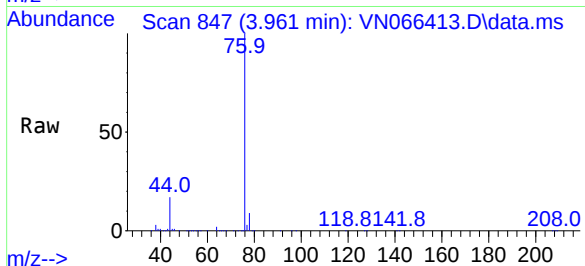
#17
Carbon Disulfide
Concen: 53.22 ug/l
RT: 3.961 min Scan# 847
Delta R.T. -0.003 min
Lab File: VN066413.D
Acq: 30 Mar 2021 6:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 693766
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0

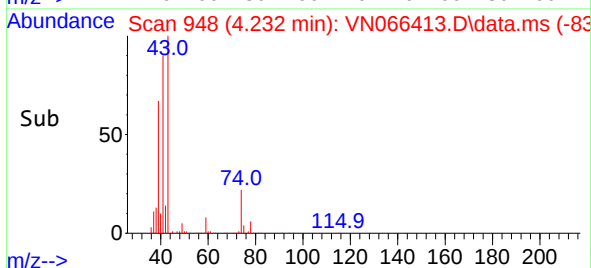
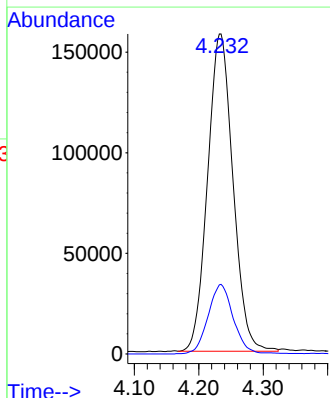
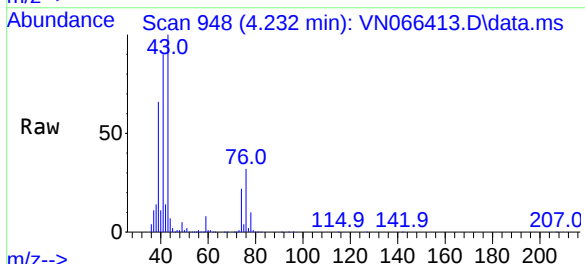
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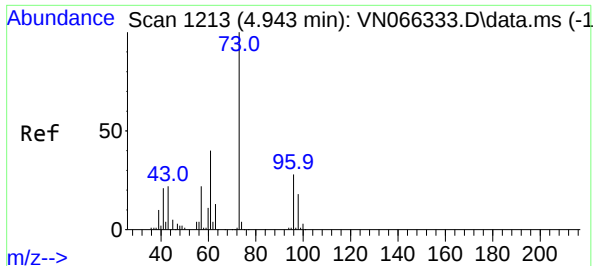
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#18
Methyl Acetate
Concen: 59.68 ug/l
RT: 4.232 min Scan# 948
Delta R.T. -0.003 min
Lab File: VN066413.D
Acq: 30 Mar 2021 6:16

Tgt Ion: 43 Resp: 431290
Ion Ratio Lower Upper
43 100
74 21.7 17.6 26.4





#19

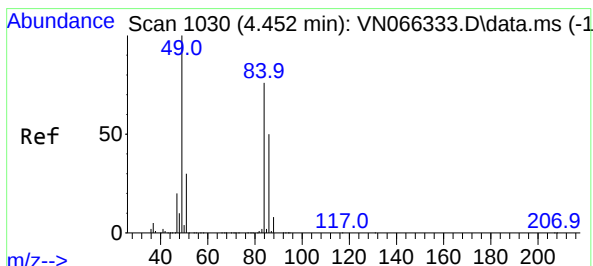
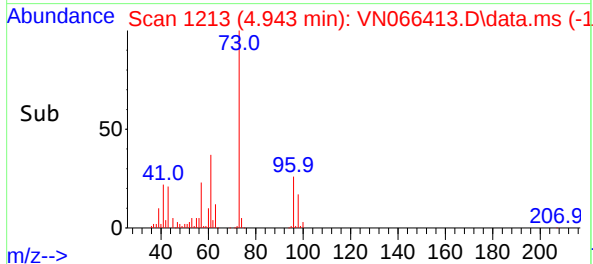
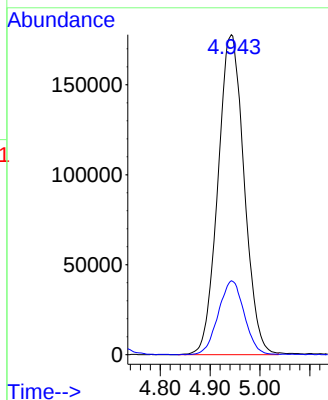
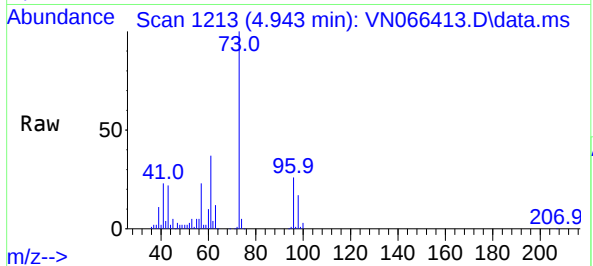
Methyl tert-butyl Ether
Concen: 49.64 ug/l
RT: 4.943 min Scan# 1213
Delta R.T. -0.000 min
Lab File: VN066413.D
Acq: 30 Mar 2021 6:16

Tgt Ion: 73 Resp: 649732
Ion Ratio Lower Upper
73 100
57 23.1 17.6 26.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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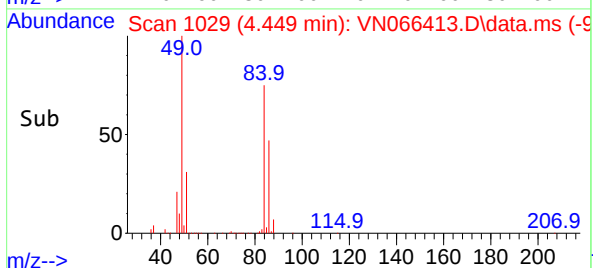
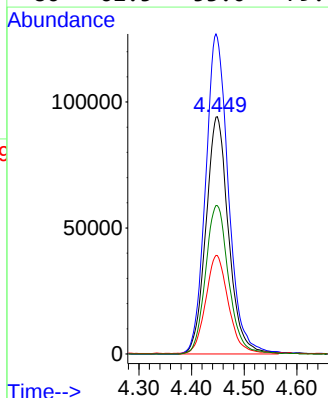
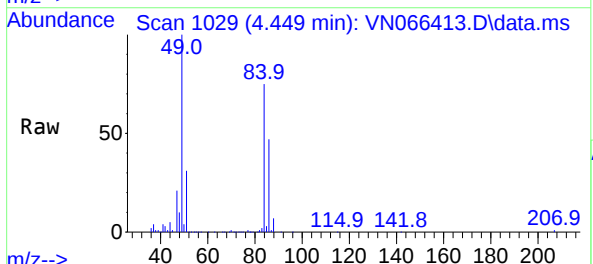
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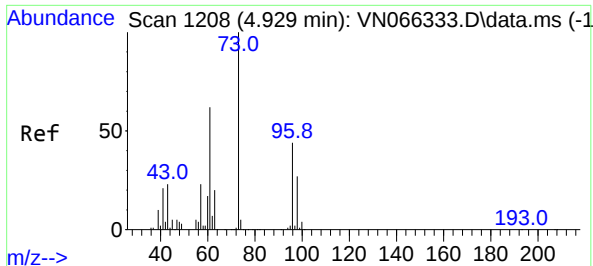


#20

Methylene Chloride
Concen: 58.30 ug/l
RT: 4.449 min Scan# 1029
Delta R.T. -0.003 min
Lab File: VN066413.D
Acq: 30 Mar 2021 6:16

Tgt Ion: 84 Resp: 281460
Ion Ratio Lower Upper
84 100
49 133.3 105.0 157.6
51 41.2 31.6 47.4
86 62.5 53.0 79.6





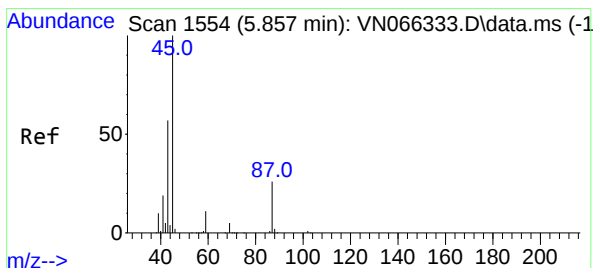
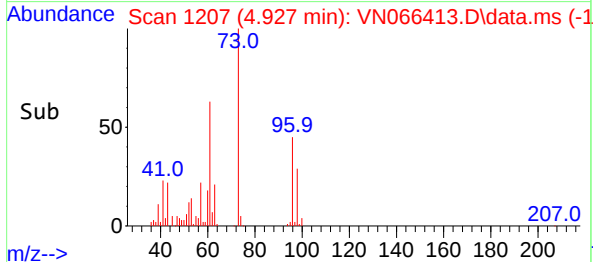
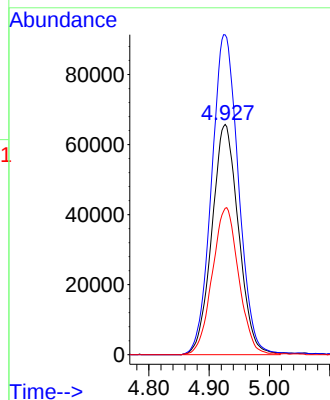
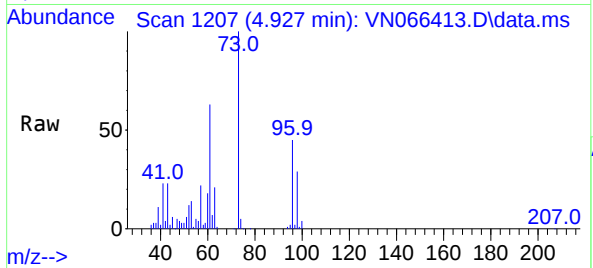
#21
trans-1,2-Dichloroethene
Concen: 50.42 ug/l
RT: 4.927 min Scan# 1207
Delta R.T. -0.003 min
Lab File: VN066413.D
Acq: 30 Mar 2021 6:16

Tgt Ion: 96 Resp: 201864
Ion Ratio Lower Upper
96 100
61 139.0 113.7 170.5
98 63.6 50.2 75.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

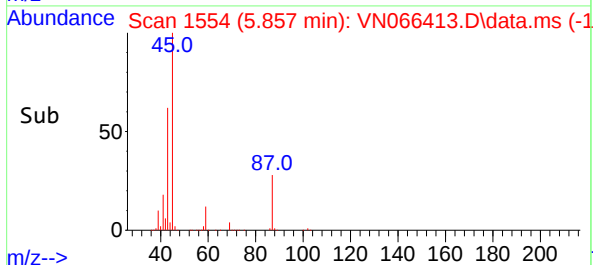
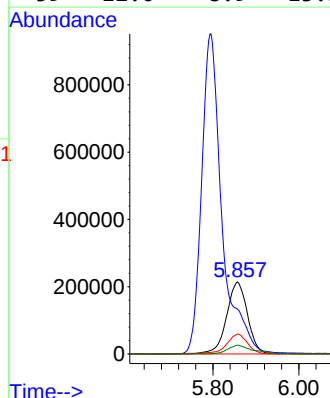
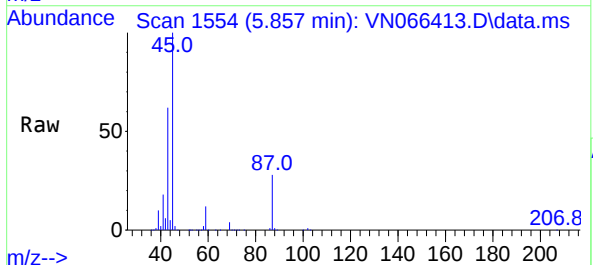
Manual Integrations
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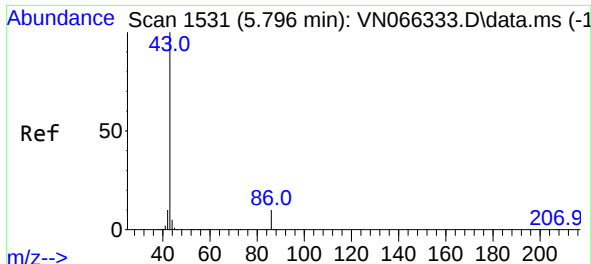
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#22
Diisopropyl ether
Concen: 53.07 ug/l
RT: 5.857 min Scan# 1554
Delta R.T. -0.000 min
Lab File: VN066413.D
Acq: 30 Mar 2021 6:16

Tgt Ion: 45 Resp: 722942
Ion Ratio Lower Upper
45 100
43 61.7 48.1 72.1
87 27.6 21.6 32.4
59 12.0 8.9 13.3





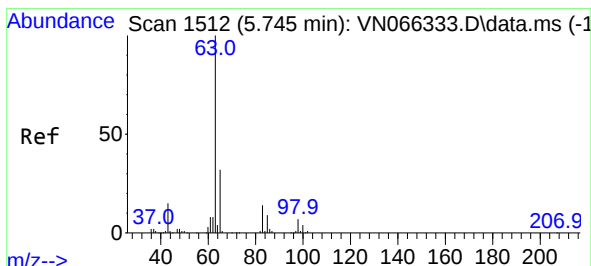
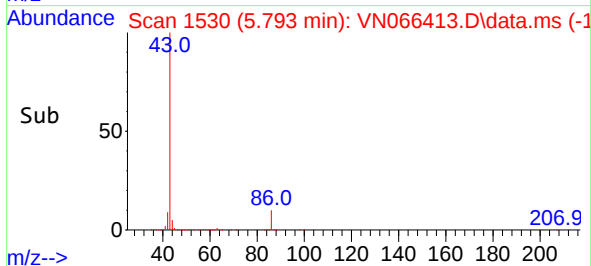
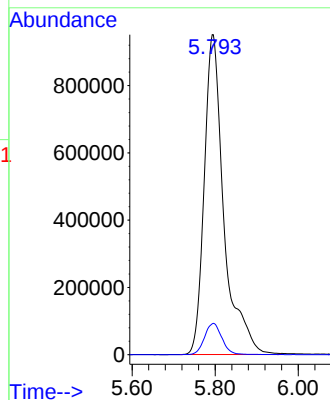
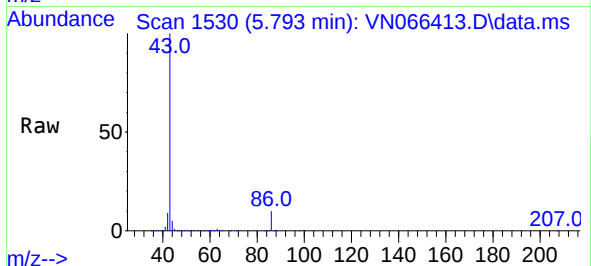
#23
 Vinyl Acetate
 Concen: 269.48 ug/l
 RT: 5.793 min Scan# 1530
 Delta R.T. -0.003 min
 Lab File: VN066413.D
 Acq: 30 Mar 2021 6:16

Tgt Ion: 43 Resp: 3125333
 Ion Ratio Lower Upper
 43 100
 86 9.7 7.7 11.5

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

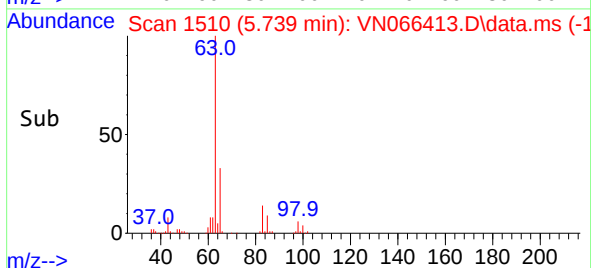
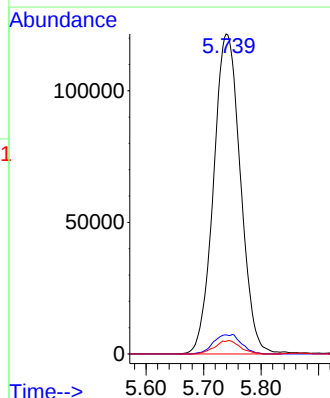
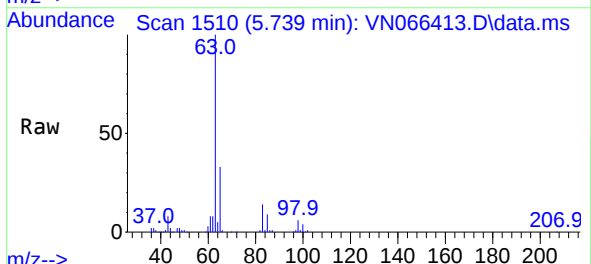
Manual Integrations
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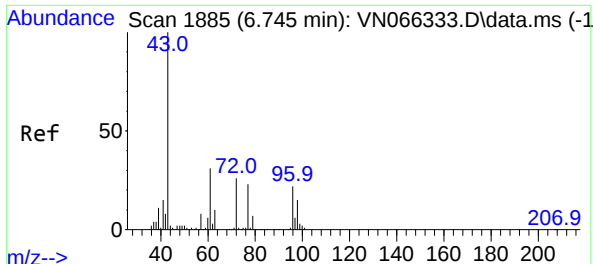
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#24
 1,1-Dichloroethane
 Concen: 52.46 ug/l
 RT: 5.739 min Scan# 1510
 Delta R.T. -0.006 min
 Lab File: VN066413.D
 Acq: 30 Mar 2021 6:16

Tgt Ion: 63 Resp: 394643
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.4 10.1
 100 3.9 2.0 6.0





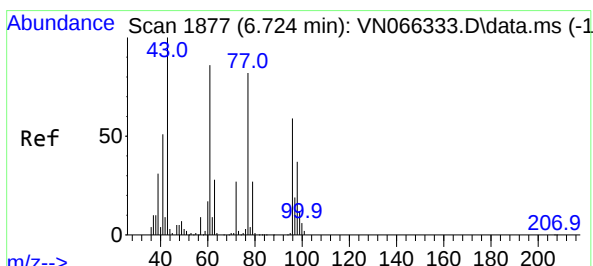
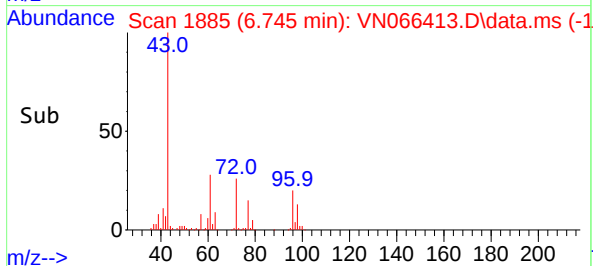
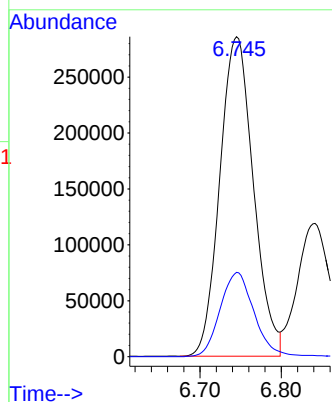
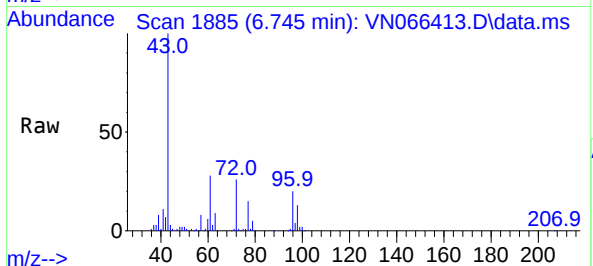
#25
2-Butanone
Concen: 271.48 ug/l
RT: 6.745 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN066413.D
Acq: 30 Mar 2021 6:16

Tgt Ion: 43 Resp: 821096
Ion Ratio Lower Upper
43 100
72 26.4 20.7 31.1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

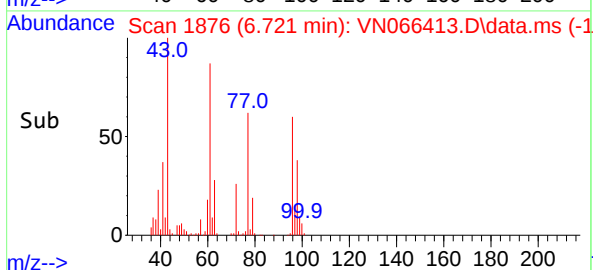
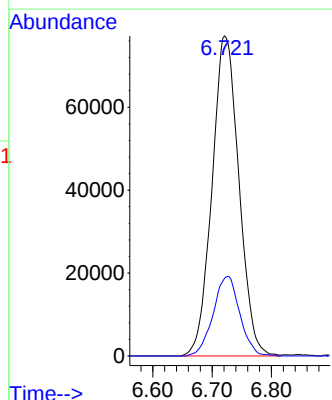
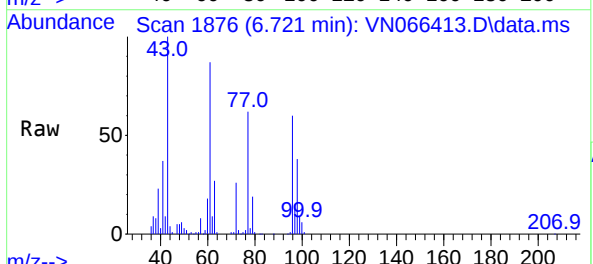
Manual Integrations
APPROVED

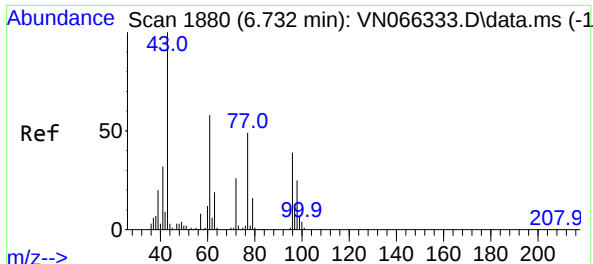
SAM
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#26
2,2-Dichloropropane
Concen: 36.29 ug/l
RT: 6.721 min Scan# 1876
Delta R.T. -0.003 min
Lab File: VN066413.D
Acq: 30 Mar 2021 6:16

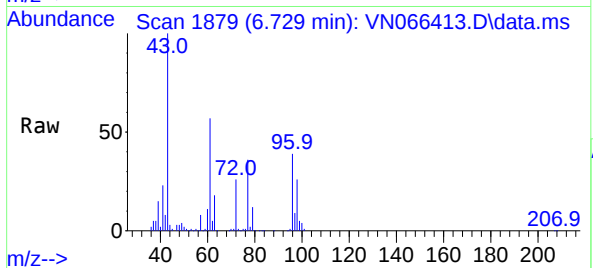
Tgt Ion: 77 Resp: 243351
Ion Ratio Lower Upper
77 100
97 24.6 11.6 34.7





#27
cis-1,2-Dichloroethene
Concen: 50.80 ug/l
RT: 6.729 min Scan# 1879
Delta R.T. -0.003 min
Lab File: VN066413.D
Acq: 30 Mar 2021 6:16

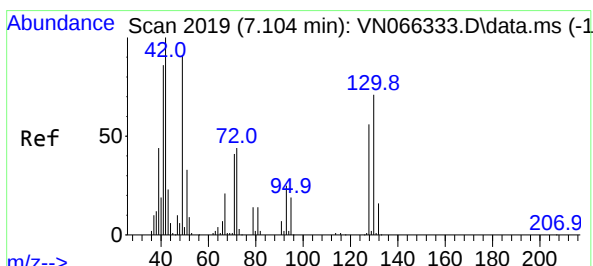
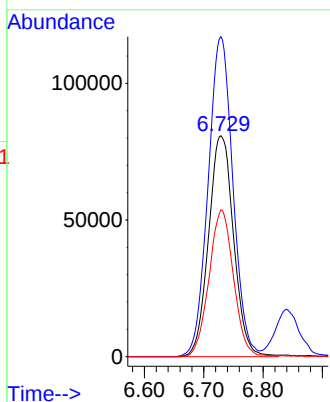
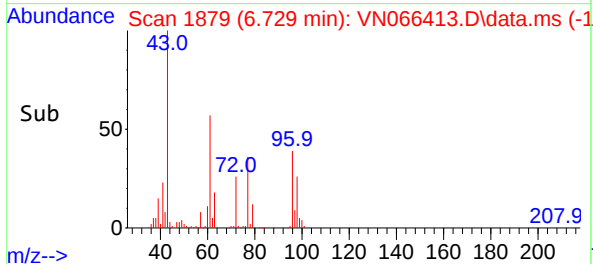
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



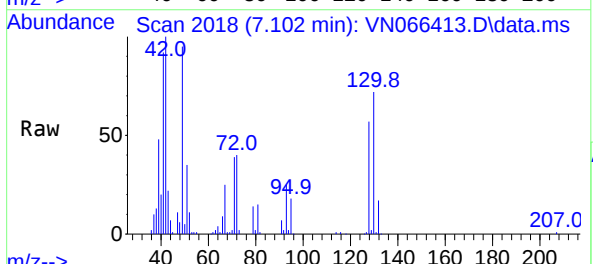
Tgt Ion: 96 Resp: 237237
Ion Ratio Lower Upper
96 100
61 143.1 0.0 296.2
98 64.9 0.0 129.2

Manual Integrations
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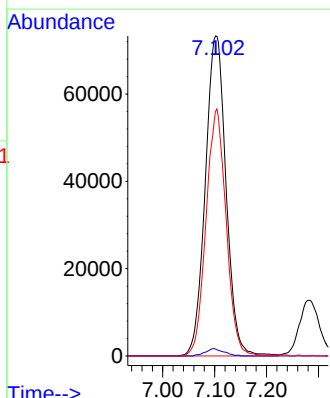
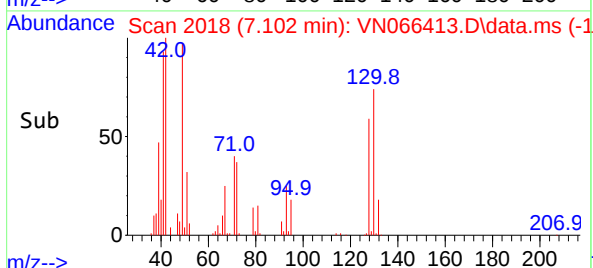
SAM
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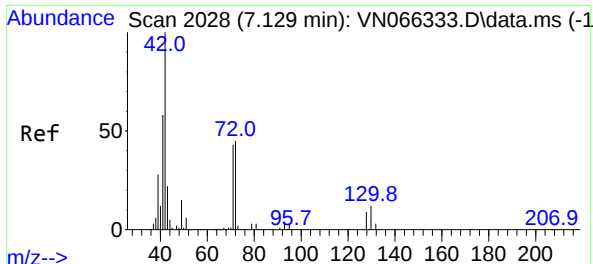


#28
Bromochloromethane
Concen: 53.76 ug/l
RT: 7.102 min Scan# 2018
Delta R.T. -0.003 min
Lab File: VN066413.D
Acq: 30 Mar 2021 6:16



Tgt Ion: 49 Resp: 203826
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.2
130 74.4 61.6 92.4





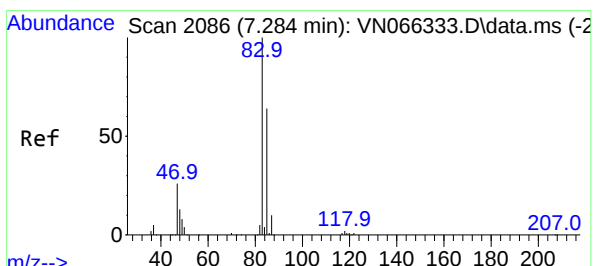
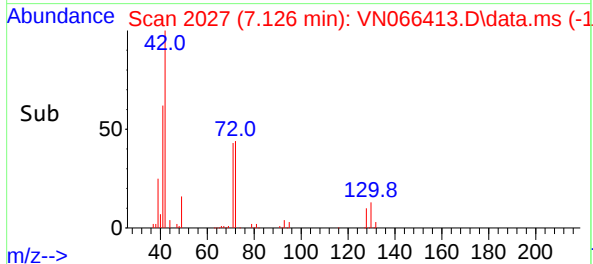
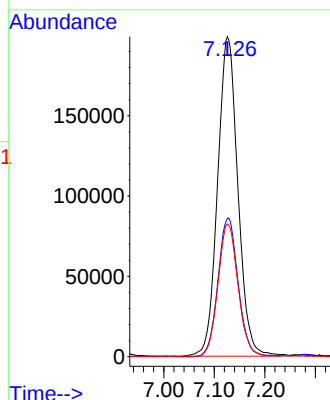
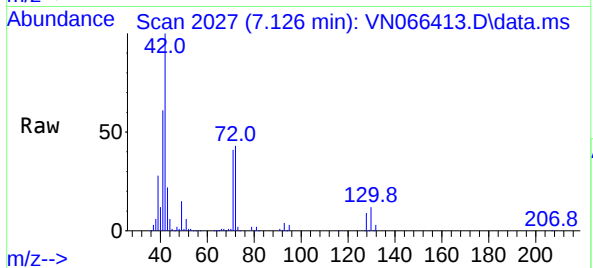
#29
Tetrahydrofuran
Concen: 281.12 ug/l
RT: 7.126 min Scan# 2027
Delta R.T. -0.003 min
Lab File: VN066413.D
Acq: 30 Mar 2021 6:16

Tgt Ion: 42 Resp: 554777
Ion Ratio Lower Upper
42 100
72 43.3 35.2 52.8
71 41.2 33.1 49.7

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

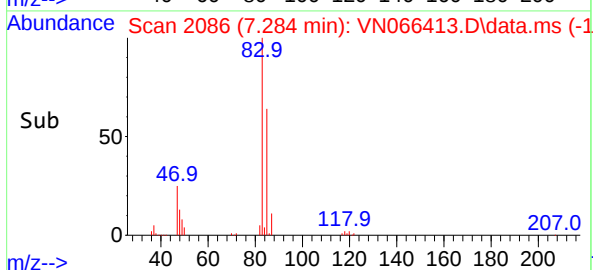
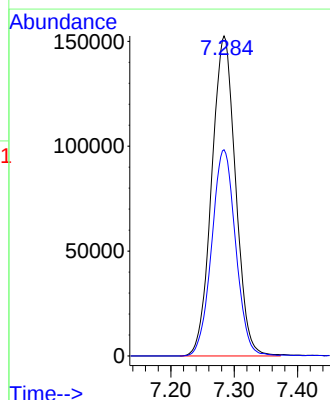
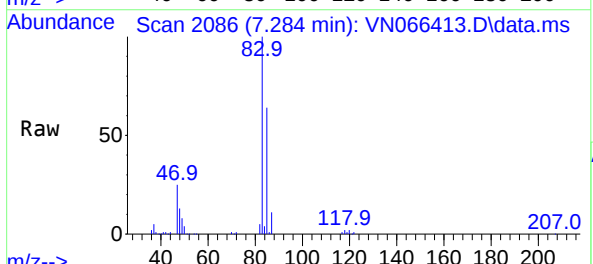
Manual Integrations
APPROVED

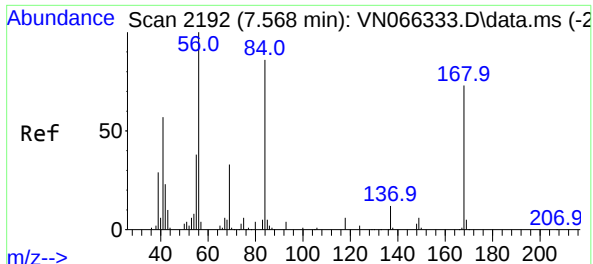
SAM
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#30
Chloroform
Concen: 53.09 ug/l
RT: 7.284 min Scan# 2086
Delta R.T. -0.000 min
Lab File: VN066413.D
Acq: 30 Mar 2021 6:16

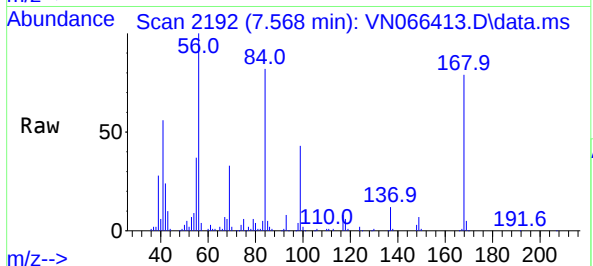
Tgt Ion: 83 Resp: 399053
Ion Ratio Lower Upper
83 100
85 64.5 51.3 76.9





#31
Cyclohexane
Concen: 49.73 ug/l
RT: 7.568 min Scan# 2192
Delta R.T. -0.000 min
Lab File: VN066413.D
Acq: 30 Mar 2021 6:16

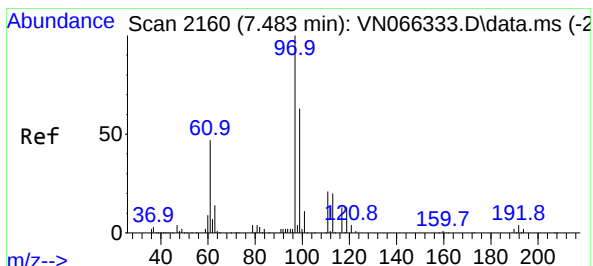
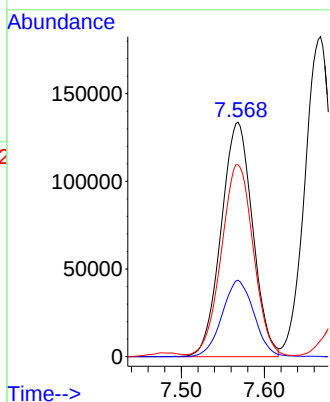
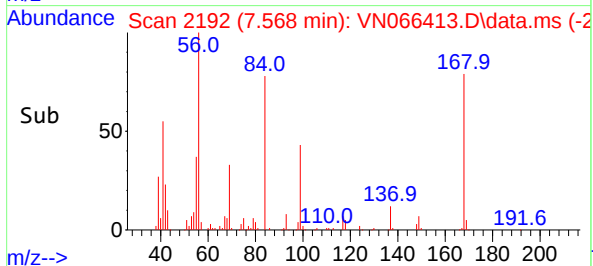
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



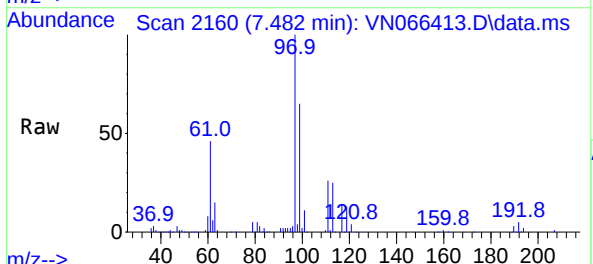
Tgt Ion: 56 Resp: 352494
Ion Ratio Lower Upper
56 100
69 32.6 26.6 40.0
84 80.7 68.7 103.1

Manual Integrations
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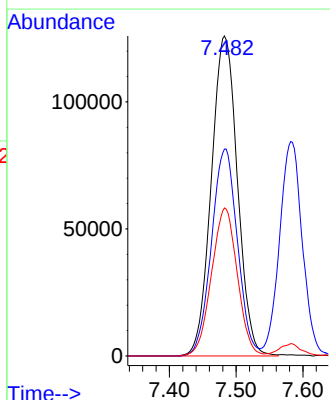
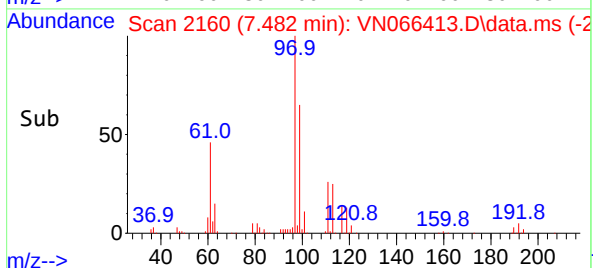
SAM
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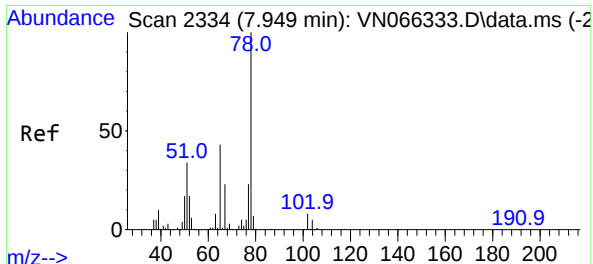


#32
1,1,1-Trichloroethane
Concen: 51.92 ug/l
RT: 7.482 min Scan# 2160
Delta R.T. -0.000 min
Lab File: VN066413.D
Acq: 30 Mar 2021 6:16



Tgt Ion: 97 Resp: 342890
Ion Ratio Lower Upper
97 100
99 64.3 51.1 76.7
61 45.6 36.9 55.3





#33

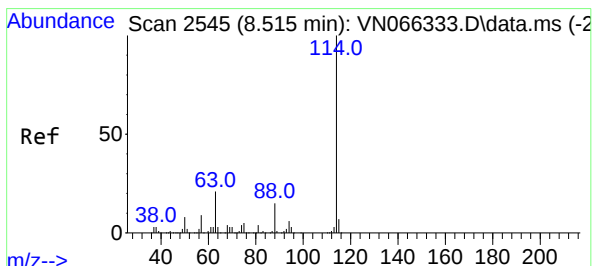
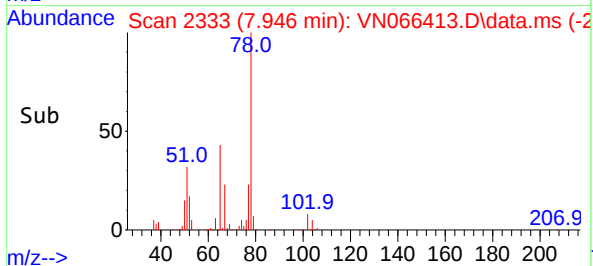
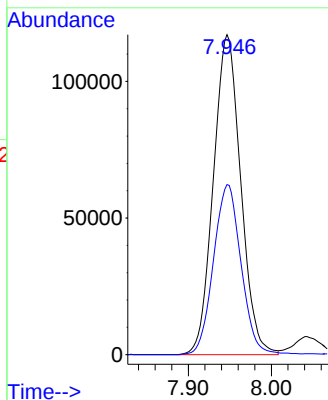
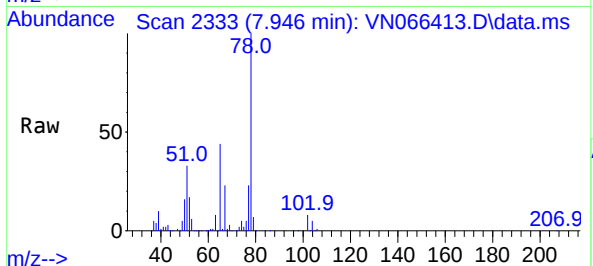
1,2-Dichloroethane-d4
Concen: 52.34 ug/l
RT: 7.946 min Scan# 2333
Delta R.T. -0.003 min
Lab File: VN066413.D
Acq: 30 Mar 2021 6:16

Tgt Ion: 65 Resp: 268050
Ion Ratio Lower Upper
65 100
67 53.7 0.0 105.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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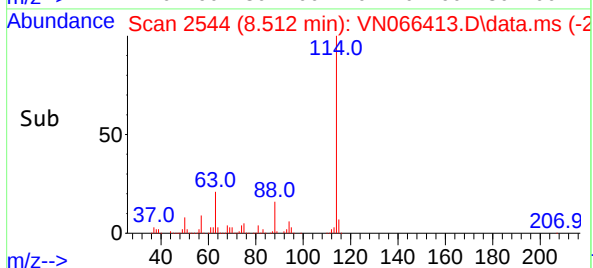
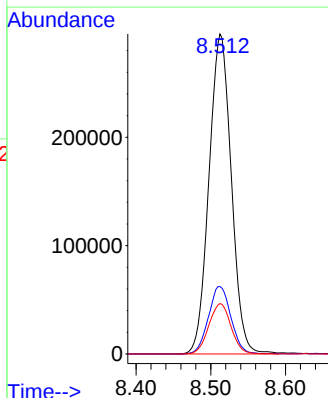
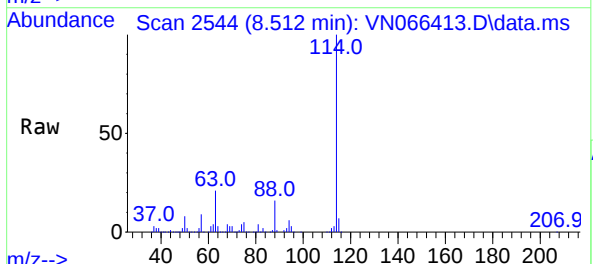
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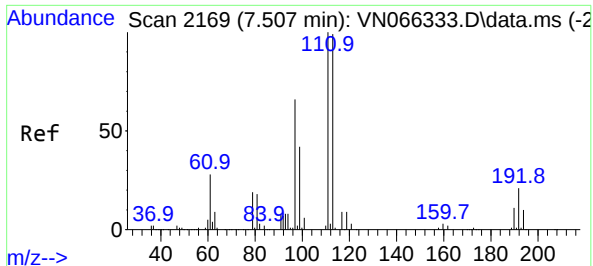


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.512 min Scan# 2544
Delta R.T. -0.003 min
Lab File: VN066413.D
Acq: 30 Mar 2021 6:16

Tgt Ion: 114 Resp: 612594
Ion Ratio Lower Upper
114 100
63 21.1 0.0 42.0
88 15.7 0.0 31.0





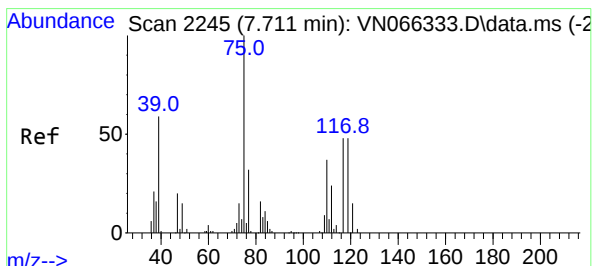
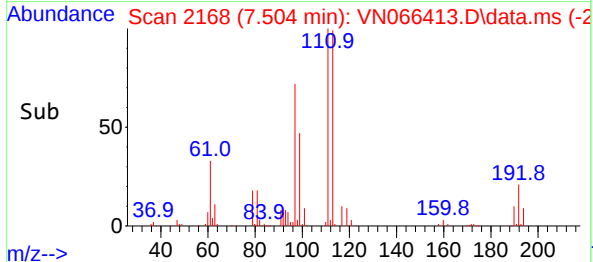
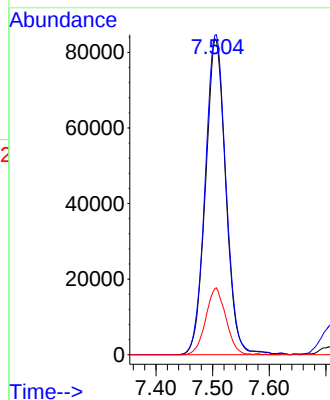
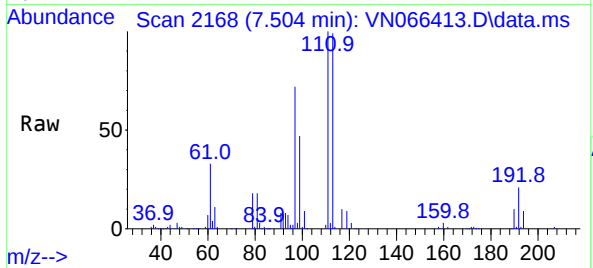
#35
Dibromofluoromethane
Concen: 51.05 ug/l
RT: 7.504 min Scan# 2168
Delta R.T. -0.003 min
Lab File: VN066413.D
Acq: 30 Mar 2021 6:16

Tgt Ion: 113 Resp: 207314
Ion Ratio Lower Upper
113 100
111 104.1 81.8 122.8
192 21.0 17.1 25.7

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

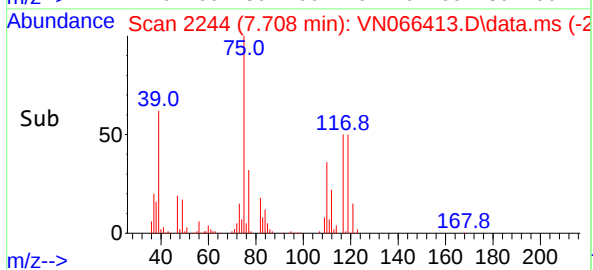
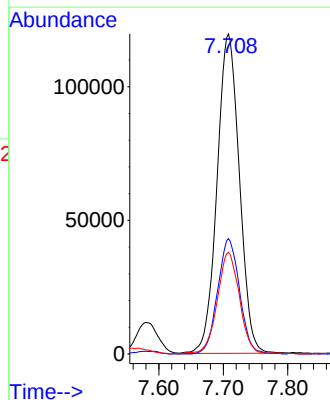
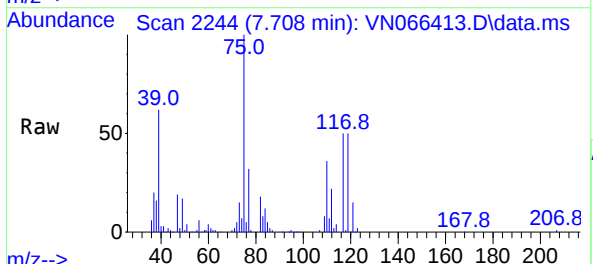
Manual Integrations
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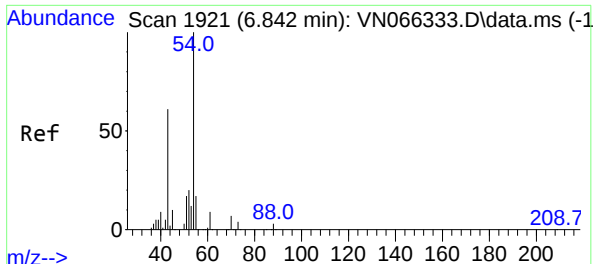
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#36
1,1-Dichloropropene
Concen: 50.03 ug/l
RT: 7.708 min Scan# 2244
Delta R.T. -0.003 min
Lab File: VN066413.D
Acq: 30 Mar 2021 6:16

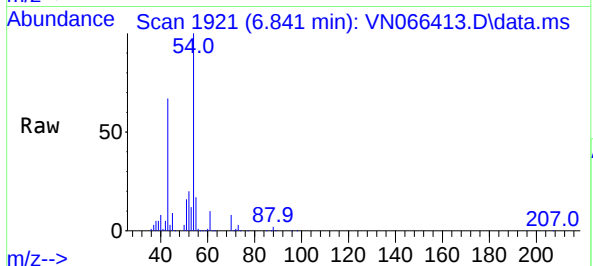
Tgt Ion: 75 Resp: 287933
Ion Ratio Lower Upper
75 100
110 35.4 18.1 54.3
77 31.6 25.0 37.4





#37
Ethyl Acetate
Concen: 54.09 ug/l
RT: 6.841 min Scan# 1921
Delta R.T. -0.000 min
Lab File: VN066413.D
Acq: 30 Mar 2021 6:16

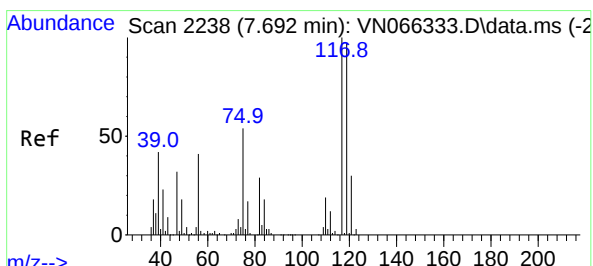
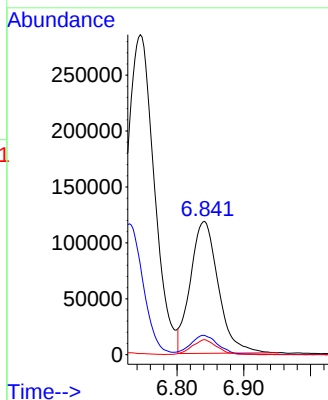
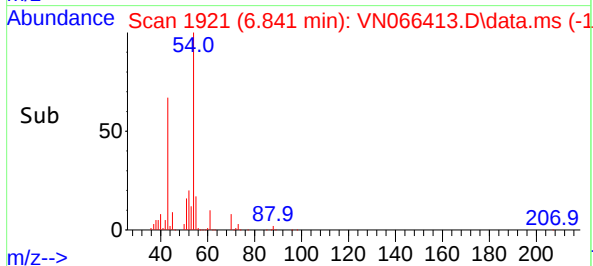
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



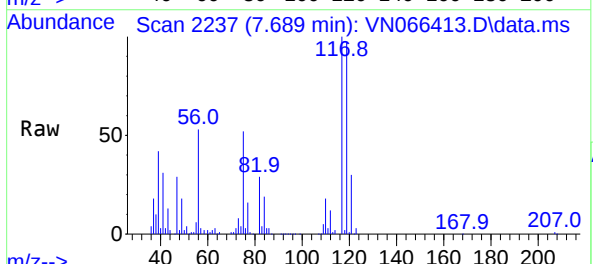
Tgt Ion: 43 Resp: 342637
Ion Ratio Lower Upper
43 100
61 14.3 11.1 16.7
70 9.8 8.0 12.0

Manual Integrations
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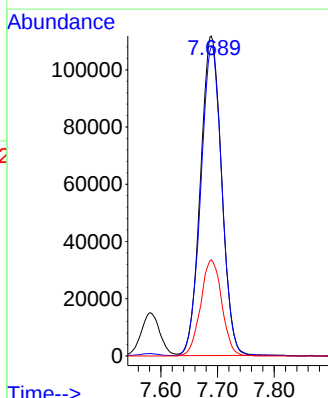
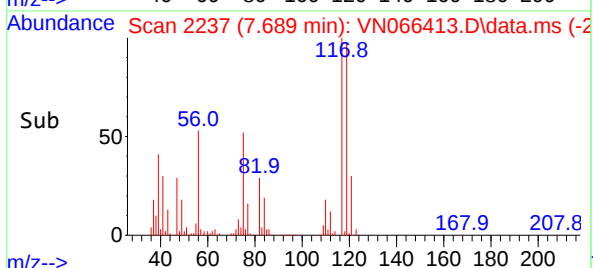
SAM
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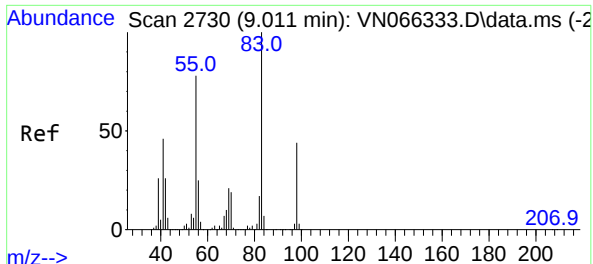


#38
Carbon Tetrachloride
Concen: 49.85 ug/l
RT: 7.689 min Scan# 2237
Delta R.T. -0.003 min
Lab File: VN066413.D
Acq: 30 Mar 2021 6:16



Tgt Ion: 117 Resp: 288450
Ion Ratio Lower Upper
117 100
119 96.7 77.2 115.8
121 30.1 24.2 36.4





#39

Methylcyclohexane

Concen: 49.23 ug/l

RT: 9.011 min Scan# 2730

Delta R.T. -0.000 min

Lab File: VN066413.D

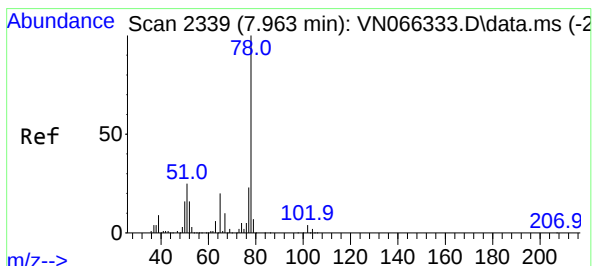
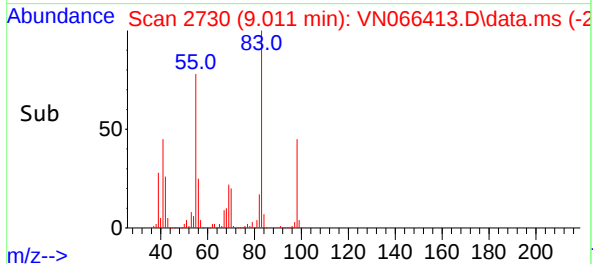
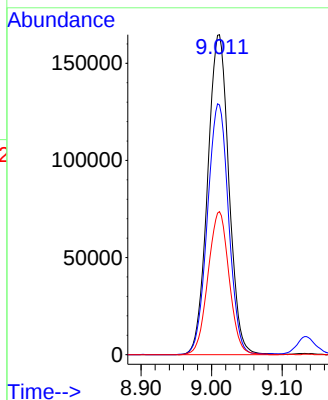
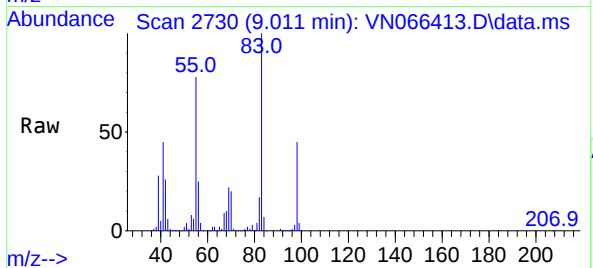
Acq: 30 Mar 2021 6:16

Tgt Ion:	83	Resp:	345363
Ion	Ratio	Lower	Upper
83	100		
55	77.9	62.3	93.5
98	44.7	35.6	53.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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#40

Benzene

Concen: 52.52 ug/l

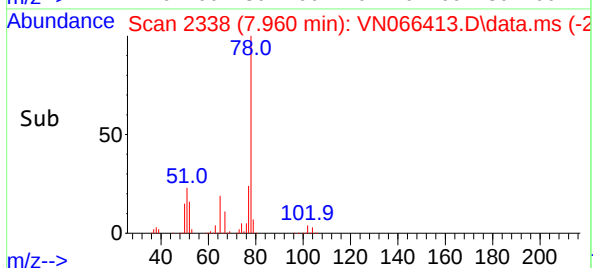
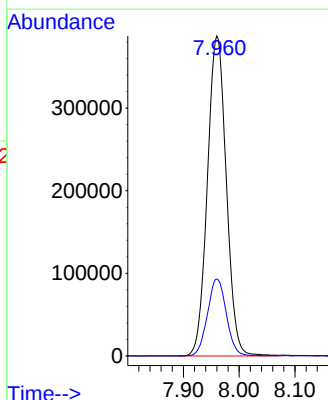
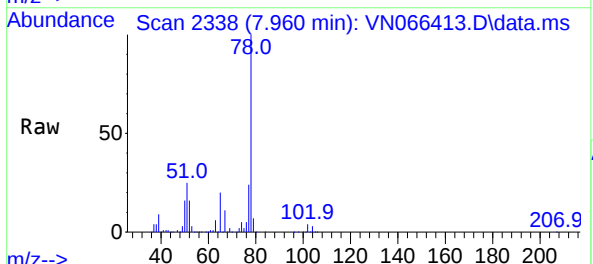
RT: 7.960 min Scan# 2338

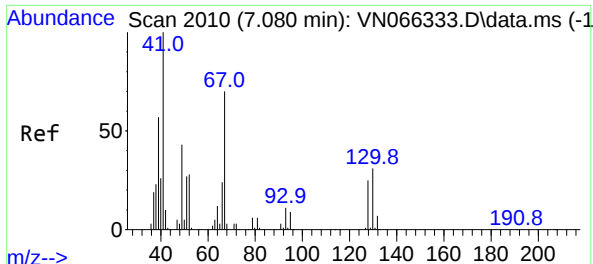
Delta R.T. -0.003 min

Lab File: VN066413.D

Acq: 30 Mar 2021 6:16

Tgt Ion:	78	Resp:	912831
Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.7	28.1





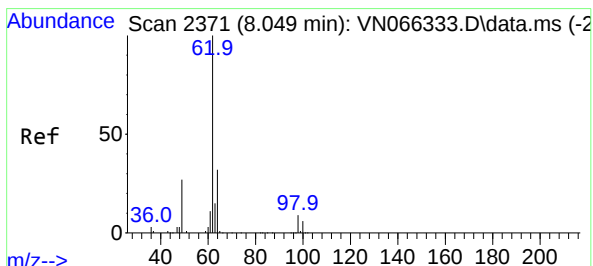
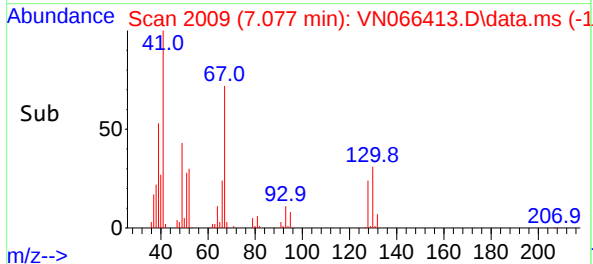
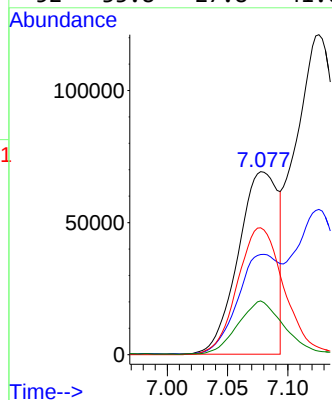
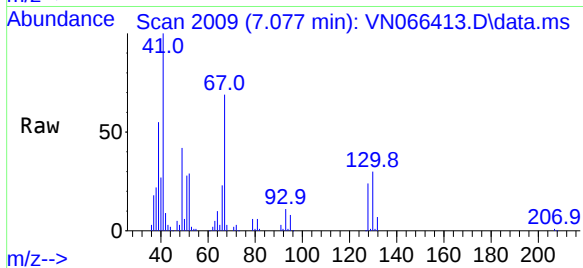
#41
Methacrylonitrile
Concen: 50.58 ug/l
RT: 7.077 min Scan# 2009
Delta R.T. -0.003 min
Lab File: VN066413.D
Acq: 30 Mar 2021 6:16

Tgt Ion:	41	Resp:	158959
Ion	Ratio	Lower	Upper
41	100		
39	58.7	51.7	77.5
67	82.8	68.5	102.7
52	33.8	27.8	41.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

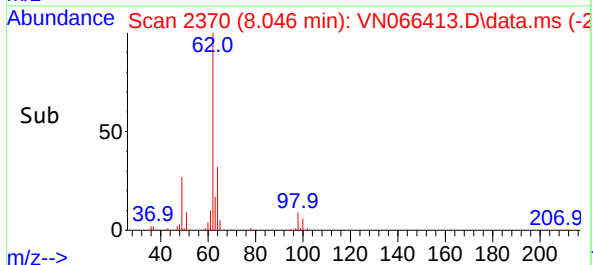
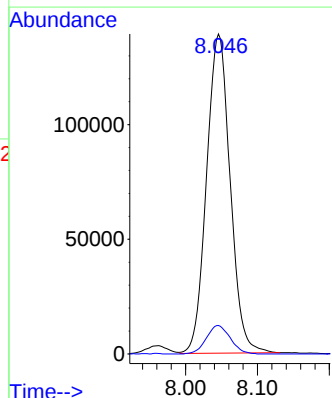
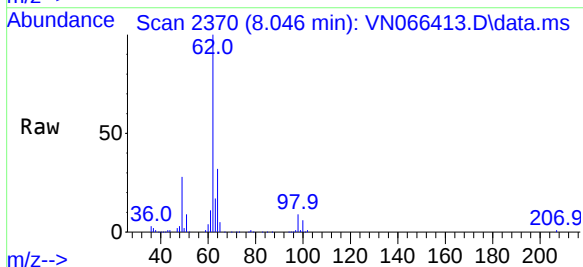
Manual Integrations
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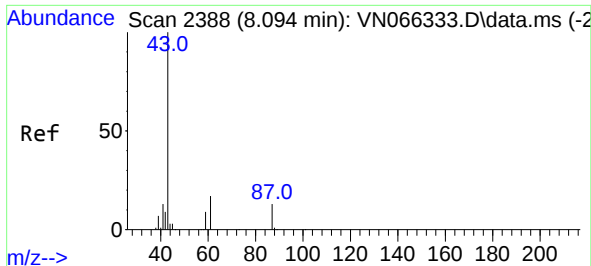
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#42
1,2-Dichloroethane
Concen: 51.03 ug/l
RT: 8.046 min Scan# 2370
Delta R.T. -0.003 min
Lab File: VN066413.D
Acq: 30 Mar 2021 6:16

Tgt Ion:	62	Resp:	317707
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	17.6





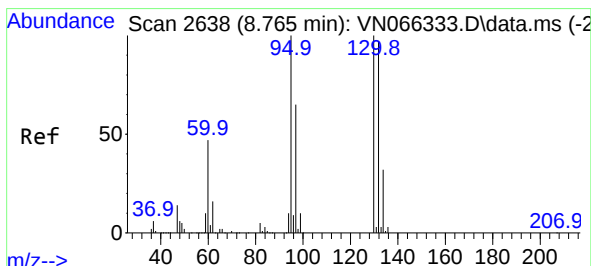
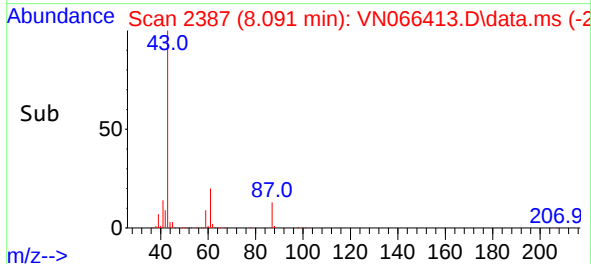
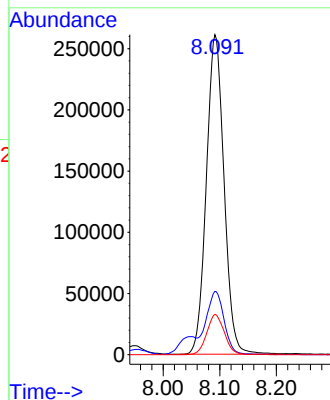
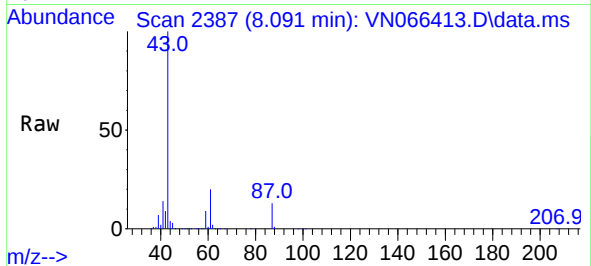
#43
Isopropyl Acetate
Concen: 52.33 ug/l
RT: 8.091 min Scan# 2387
Delta R.T. -0.003 min
Lab File: VN066413.D
Acq: 30 Mar 2021 6:16

Tgt Ion: 43 Resp: 566557
Ion Ratio Lower Upper
43 100
61 19.8 15.5 23.3
87 12.5 10.5 15.7

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

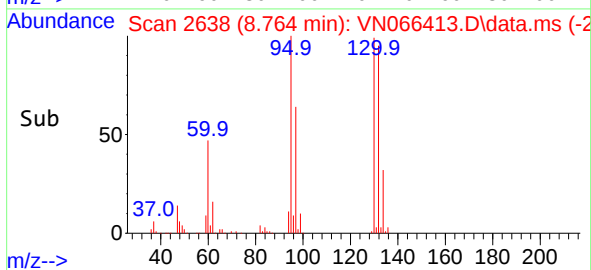
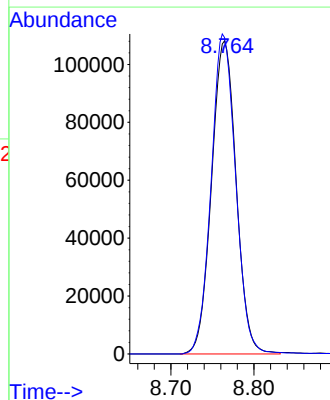
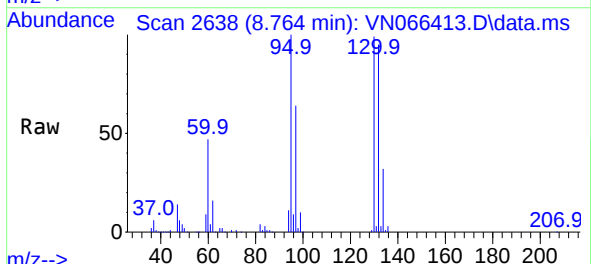
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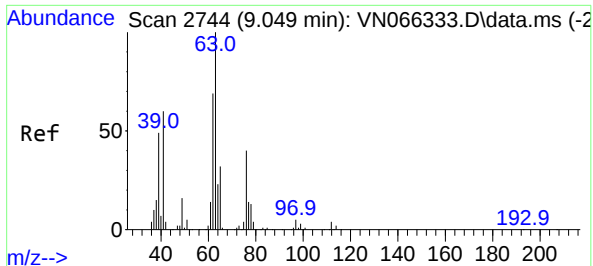
SAM
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#44
Trichloroethene
Concen: 48.74 ug/l
RT: 8.764 min Scan# 2638
Delta R.T. -0.000 min
Lab File: VN066413.D
Acq: 30 Mar 2021 6:16

Tgt Ion:130 Resp: 222817
Ion Ratio Lower Upper
130 100
95 101.1 0.0 200.6





#45

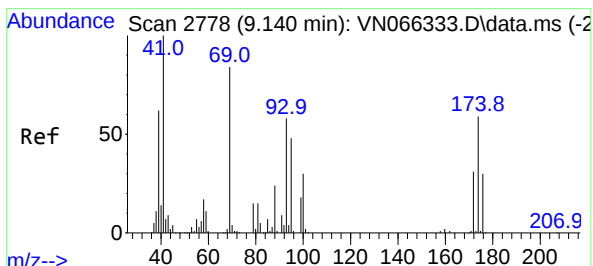
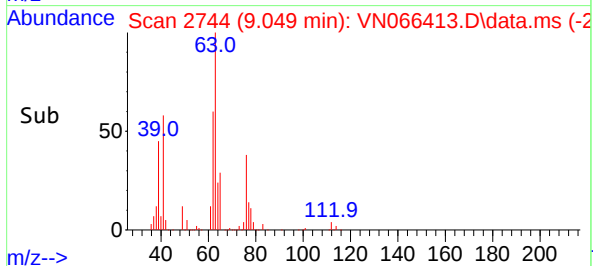
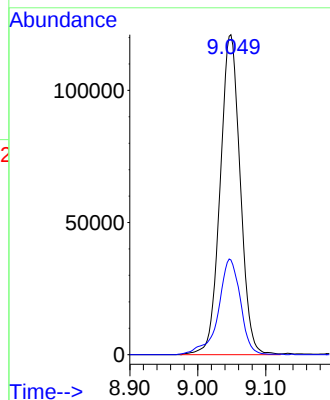
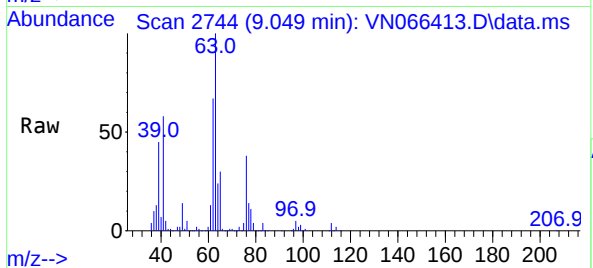
1,2-Dichloropropane
Concen: 53.61 ug/l
RT: 9.049 min Scan# 2744
Delta R.T. -0.000 min
Lab File: VN066413.D
Acq: 30 Mar 2021 6:16

Tgt Ion: 63 Resp: 248222
Ion Ratio Lower Upper
63 100
65 29.5 25.5 38.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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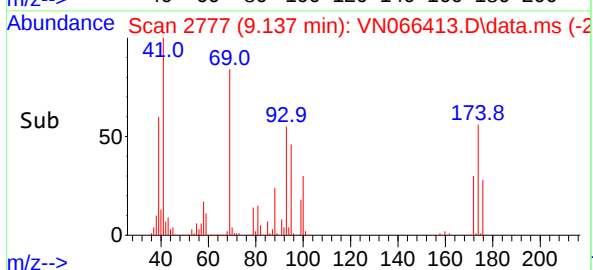
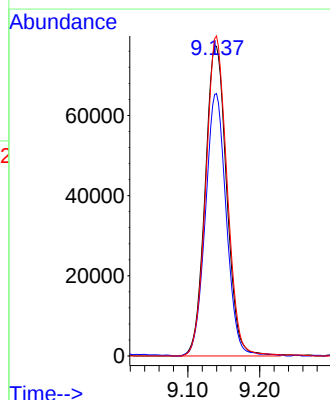
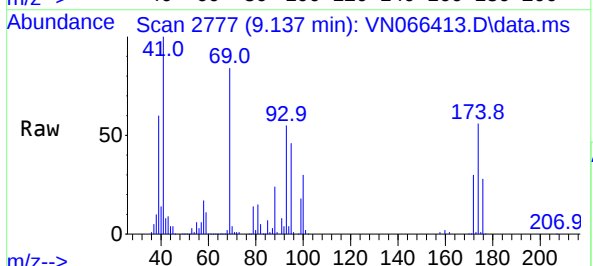
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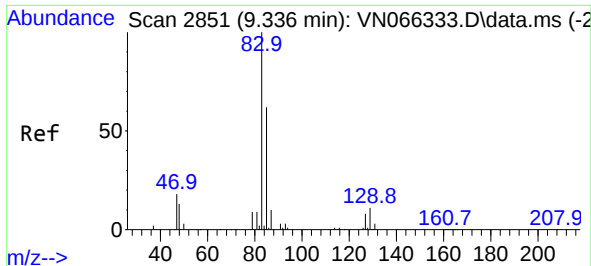


#46

Dibromomethane
Concen: 53.05 ug/l
RT: 9.137 min Scan# 2777
Delta R.T. -0.003 min
Lab File: VN066413.D
Acq: 30 Mar 2021 6:16

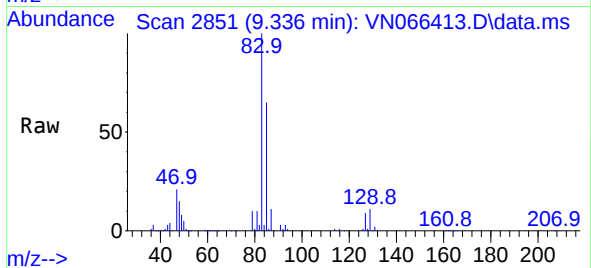
Tgt Ion: 93 Resp: 161042
Ion Ratio Lower Upper
93 100
95 82.1 66.8 100.2
174 101.6 83.2 124.8





#47
Bromodichloromethane
Concen: 51.92 ug/l
RT: 9.336 min Scan# 2851
Delta R.T. -0.000 min
Lab File: VN066413.D
Acq: 30 Mar 2021 6:16

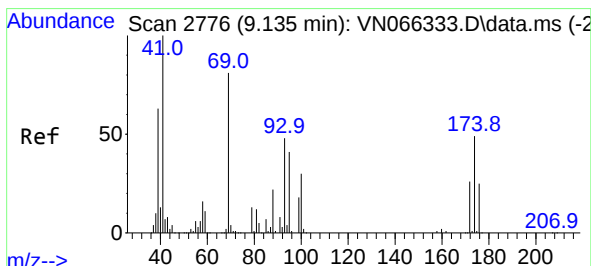
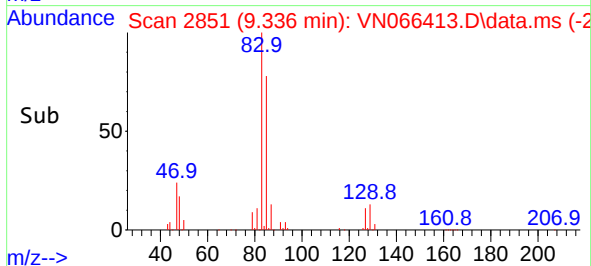
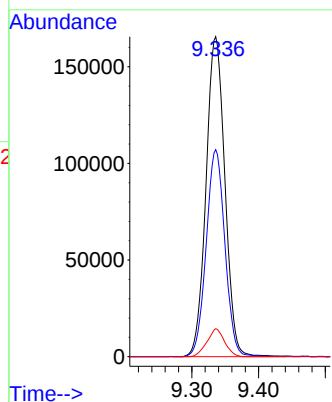
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



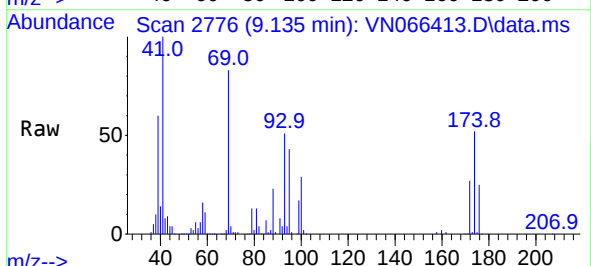
Tgt Ion: 83 Resp: 325419
Ion Ratio Lower Upper
83 100
85 64.7 49.4 74.2
127 8.7 6.7 10.1

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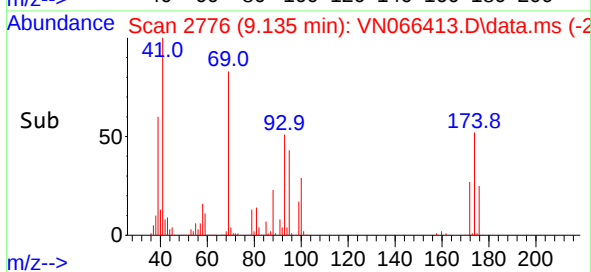
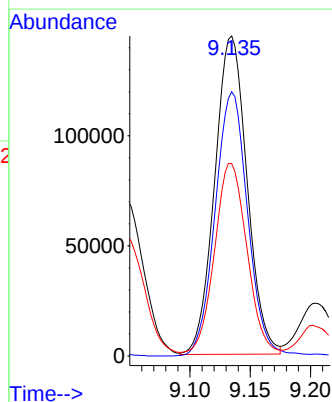
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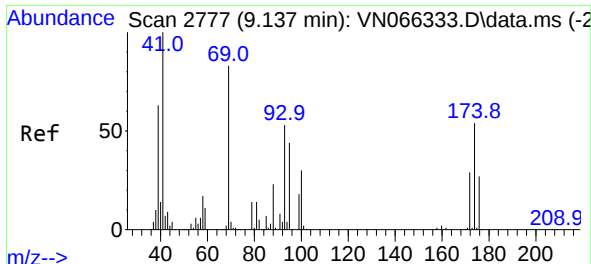


#48
Methyl methacrylate
Concen: 52.49 ug/l
RT: 9.135 min Scan# 2776
Delta R.T. -0.000 min
Lab File: VN066413.D
Acq: 30 Mar 2021 6:16

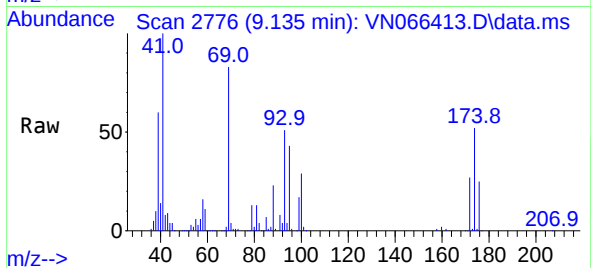


Tgt Ion: 41 Resp: 270404
Ion Ratio Lower Upper
41 100
69 83.5 66.2 99.4
39 60.7 51.5 77.3

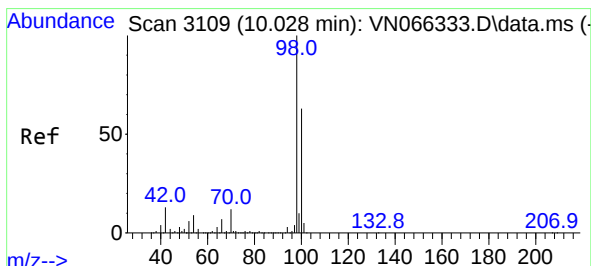
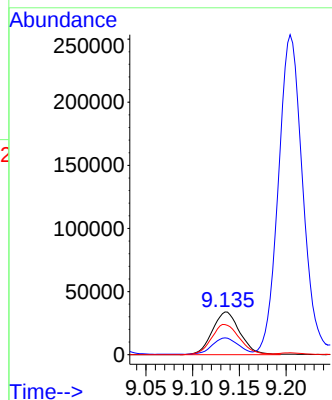
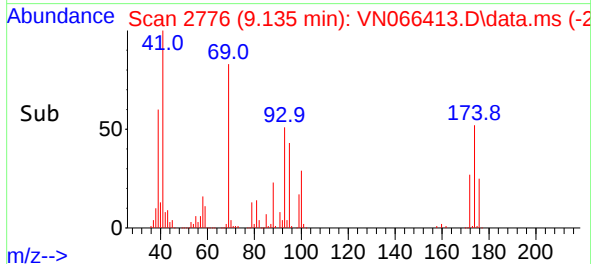




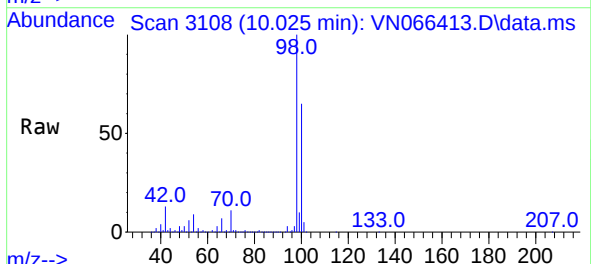
#49
1,4-Dioxane
Concen: 1072.40 ug/l
RT: 9.135 min Scan# 2776
Delta R.T. -0.003 min
Lab File: VN066413.D
Acq: 30 Mar 2021 6:16



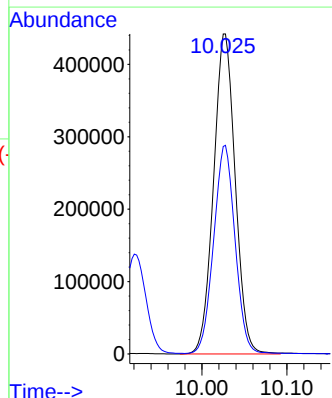
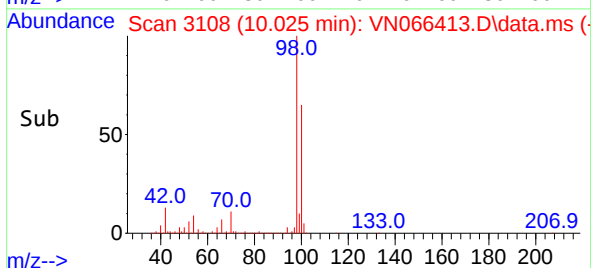
Tgt Ion: 88 Resp: 69435
Ion Ratio Lower Upper
88 100
43 36.4 28.2 42.4
58 72.4 56.6 84.8



#50
Toluene-d8
Concen: 50.86 ug/l
RT: 10.025 min Scan# 3108
Delta R.T. -0.003 min
Lab File: VN066413.D
Acq: 30 Mar 2021 6:16



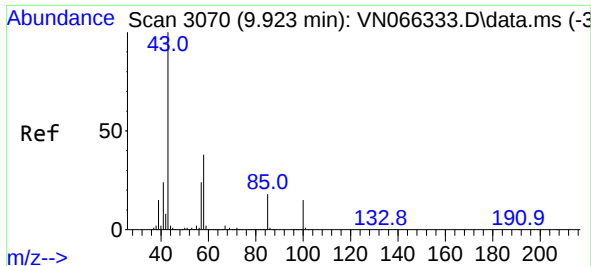
Tgt Ion: 98 Resp: 783371
Ion Ratio Lower Upper
98 100
100 64.0 50.5 75.7



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

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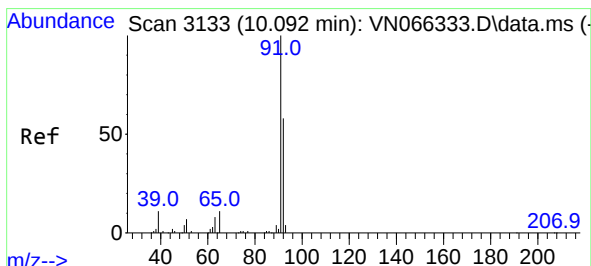
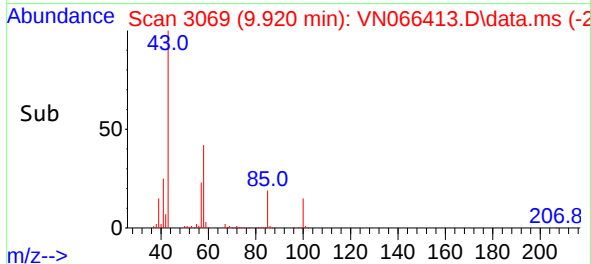
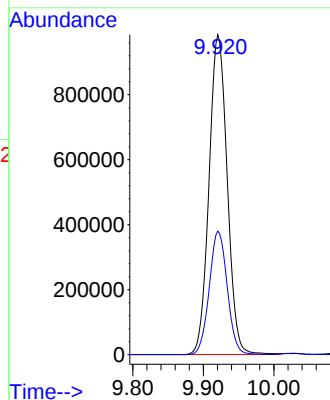
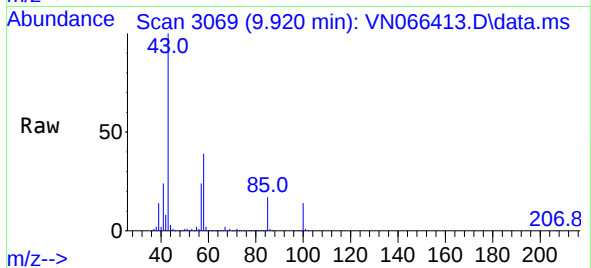
#51
4-Methyl-2-Pentanone
Concen: 278.52 ug/l
RT: 9.920 min Scan# 3069
Delta R.T. -0.003 min
Lab File: VN066413.D
Acq: 30 Mar 2021 6:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 1762303
Ion Ratio Lower Upper
43 100
58 38.3 30.8 46.2

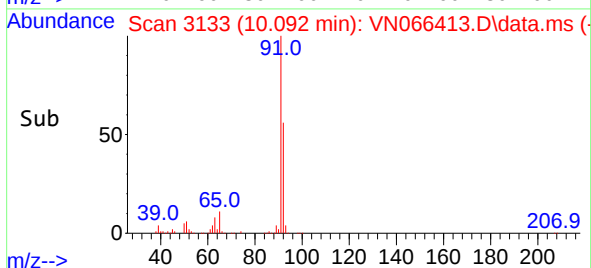
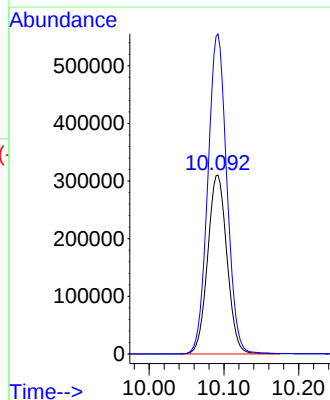
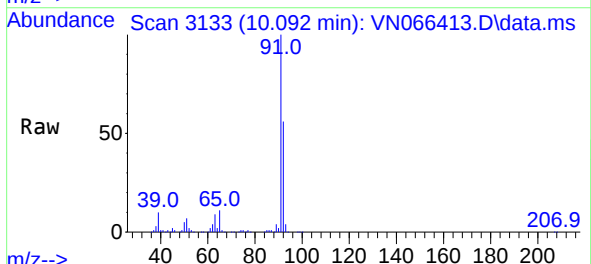
Manual Integrations
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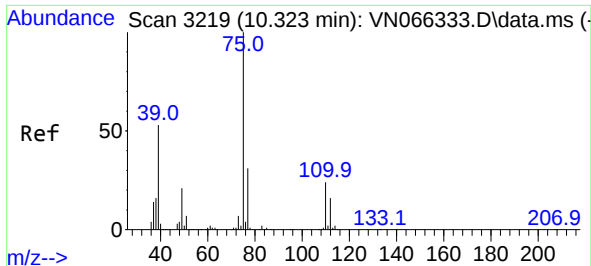
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#52
Toluene
Concen: 52.23 ug/l
RT: 10.092 min Scan# 3133
Delta R.T. -0.000 min
Lab File: VN066413.D
Acq: 30 Mar 2021 6:16

Tgt Ion: 92 Resp: 557329
Ion Ratio Lower Upper
92 100
91 176.6 138.8 208.2





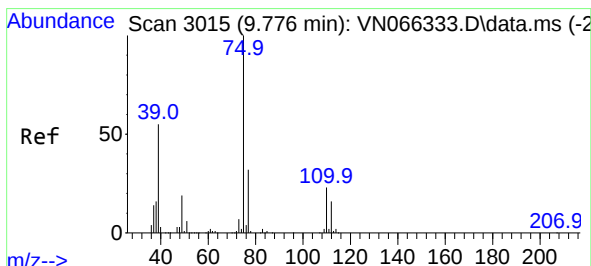
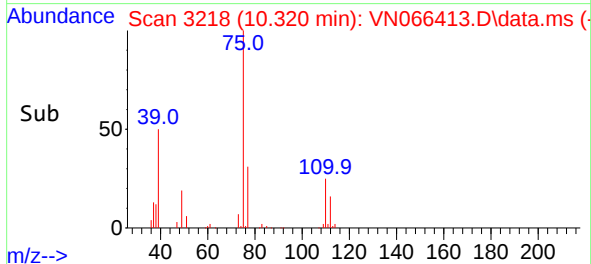
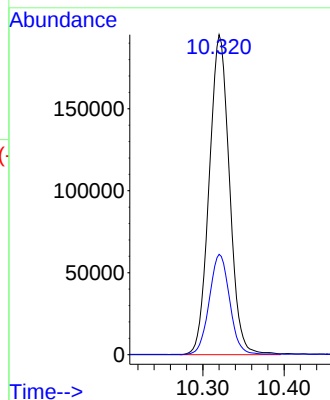
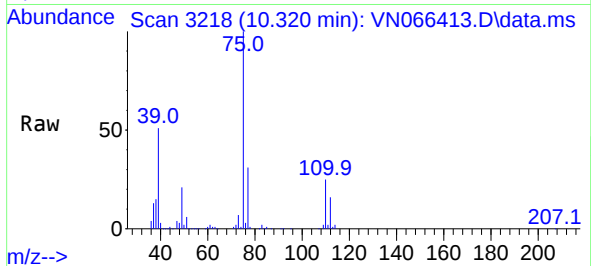
#53
t-1,3-Dichloropropene
Concen: 49.65 ug/l
RT: 10.320 min Scan# 3218
Delta R.T. -0.003 min
Lab File: VN066413.D
Acq: 30 Mar 2021 6:16

Tgt Ion: 75 Resp: 338035
Ion Ratio Lower Upper
75 100
77 31.2 25.0 37.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

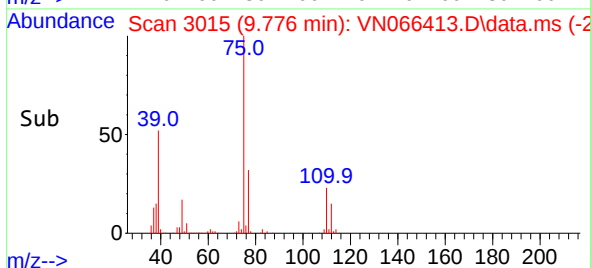
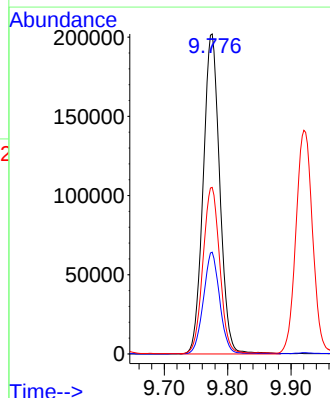
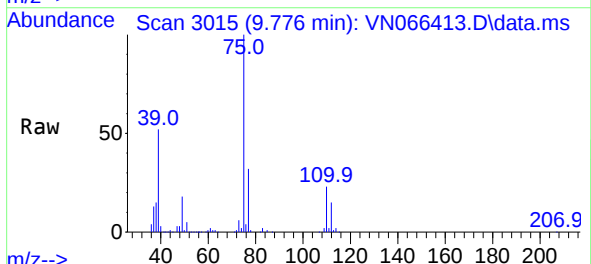
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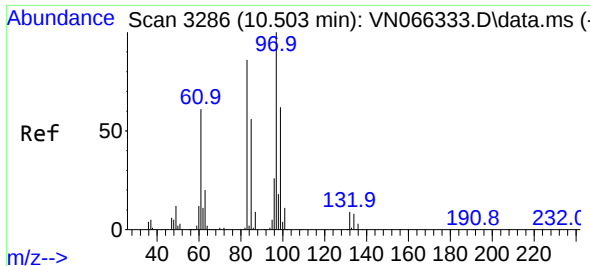
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#54
cis-1,3-Dichloropropene
Concen: 50.24 ug/l
RT: 9.776 min Scan# 3015
Delta R.T. -0.000 min
Lab File: VN066413.D
Acq: 30 Mar 2021 6:16

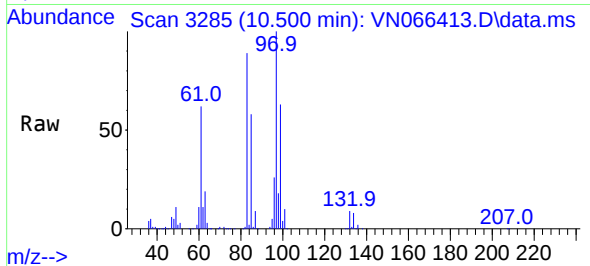
Tgt Ion: 75 Resp: 367345
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.2
39 51.9 44.2 66.4





#55
1,1,2-Trichloroethane
Concen: 53.60 ug/l
RT: 10.500 min Scan# 3285
Delta R.T. -0.003 min
Lab File: VN066413.D
Acq: 30 Mar 2021 6:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

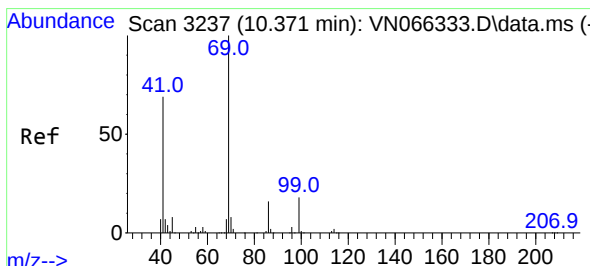
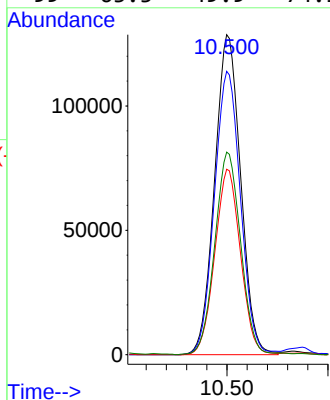
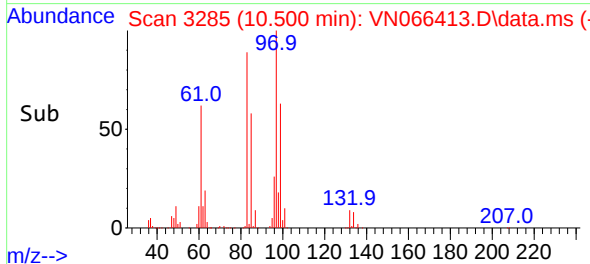


Tgt Ion: 97 Resp: 229947

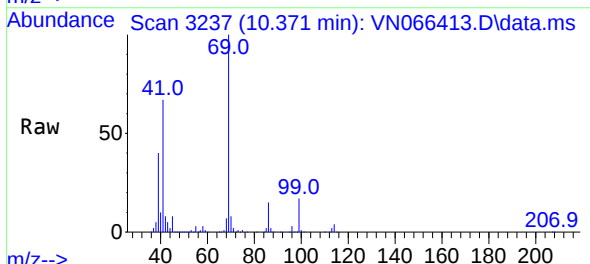
Ion	Ratio	Lower	Upper
97	100		
83	88.5	68.9	103.3
85	58.0	45.1	67.7
99	63.3	49.9	74.9

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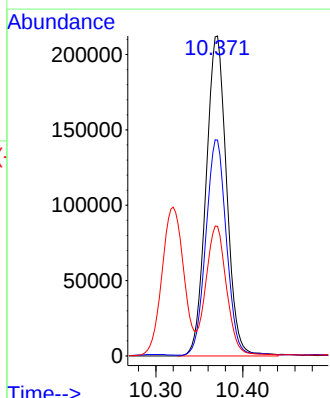
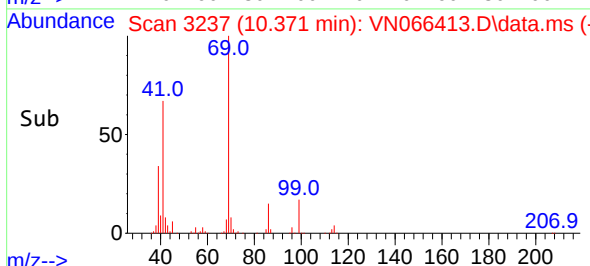


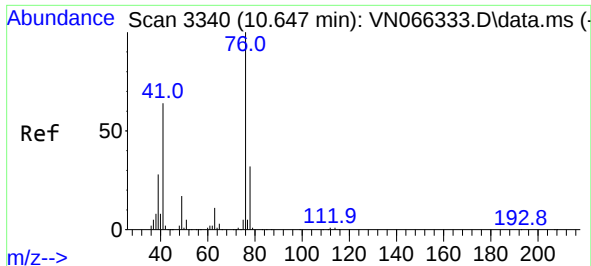
#56
Ethyl methacrylate
Concen: 53.02 ug/l
RT: 10.371 min Scan# 3237
Delta R.T. -0.000 min
Lab File: VN066413.D
Acq: 30 Mar 2021 6:16



Tgt Ion: 69 Resp: 348818

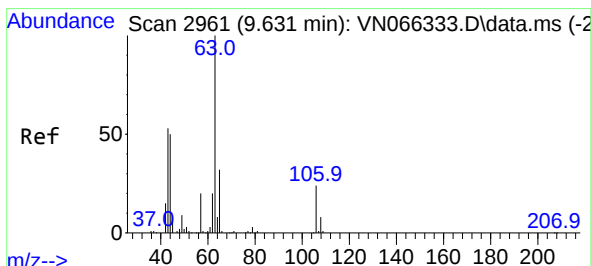
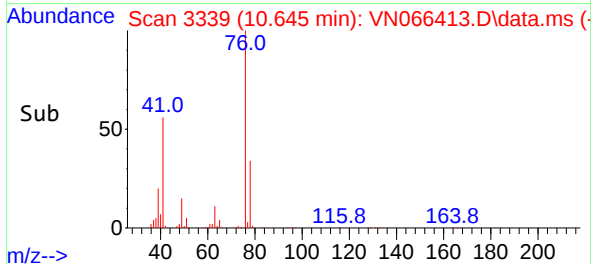
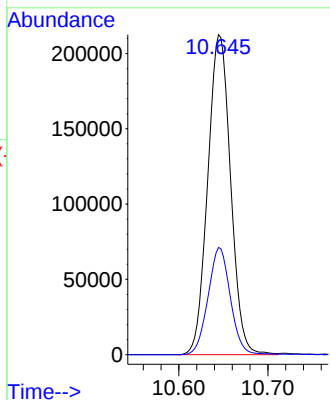
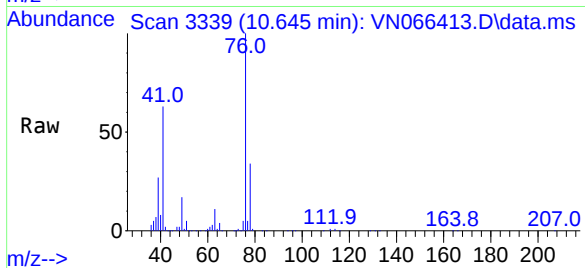
Ion	Ratio	Lower	Upper
69	100		
41	67.4	55.3	82.9
39	40.0	33.8	50.6





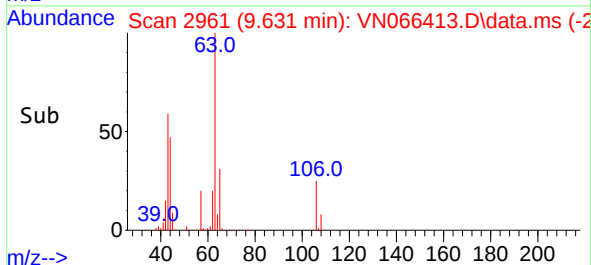
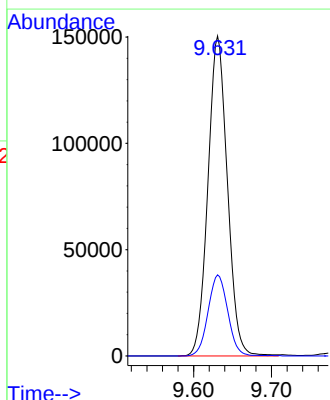
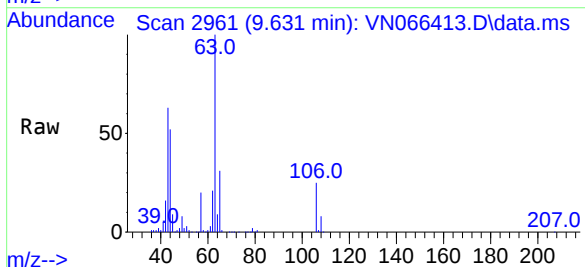
#57
1,3-Dichloropropane
Concen: 53.26 ug/l
RT: 10.645 min Scan# 3339
Delta R.T. -0.003 min
Lab File: VN066413.D
Acq: 30 Mar 2021 6:16

Tgt Ion: 76 Resp: 379092
Ion Ratio Lower Upper
76 100
78 32.8 25.9 38.9



#58
2-Chloroethyl Vinyl ether
Concen: 348.90 ug/l
RT: 9.631 min Scan# 2961
Delta R.T. -0.000 min
Lab File: VN066413.D
Acq: 30 Mar 2021 6:16

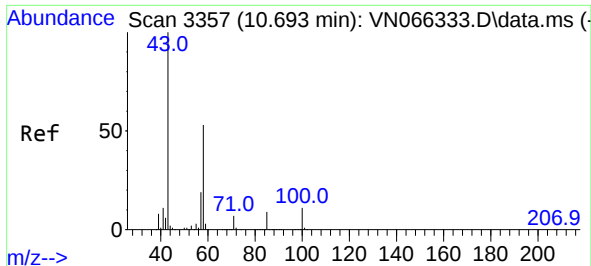
Tgt Ion: 63 Resp: 260851
Ion Ratio Lower Upper
63 100
106 25.6 21.0 31.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

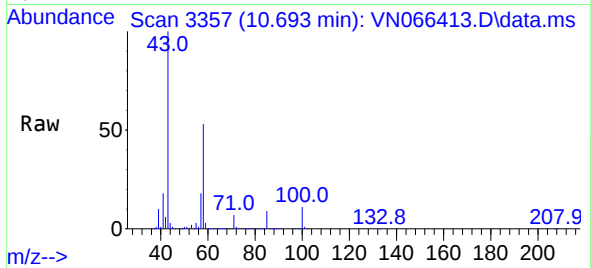
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#59
2-Hexanone
Concen: 285.54 ug/l
RT: 10.693 min Scan# 3357
Delta R.T. -0.000 min
Lab File: VN066413.D
Acq: 30 Mar 2021 6:16

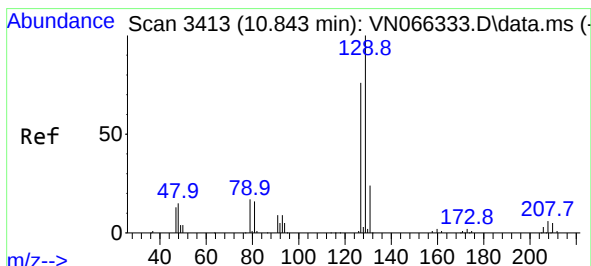
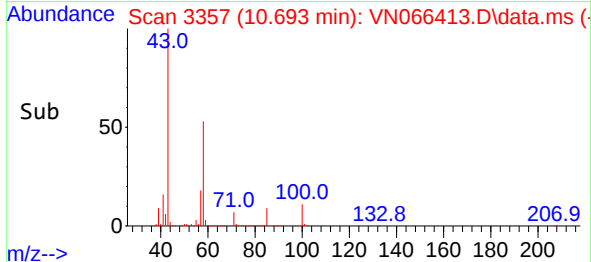
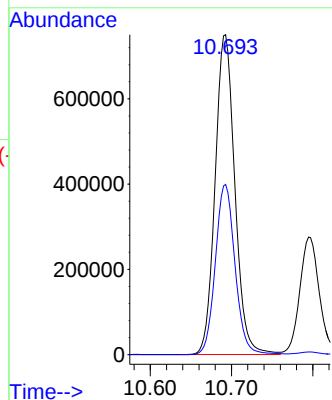
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 1265765
Ion Ratio Lower Upper
43 100
58 53.2 26.6 79.8

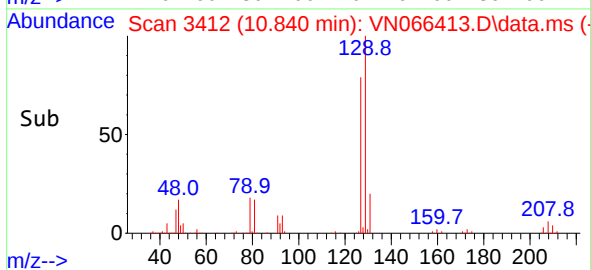
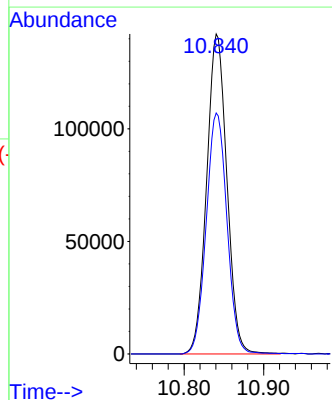
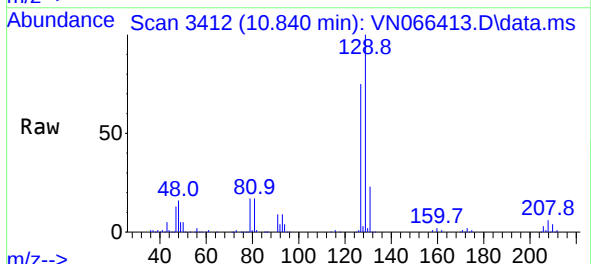
Manual Integrations
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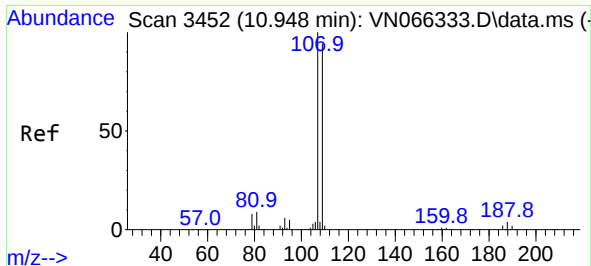
SAM
3/31/2021 5:51:27 PM



#60
Dibromochloromethane
Concen: 52.88 ug/l
RT: 10.840 min Scan# 3412
Delta R.T. -0.003 min
Lab File: VN066413.D
Acq: 30 Mar 2021 6:16

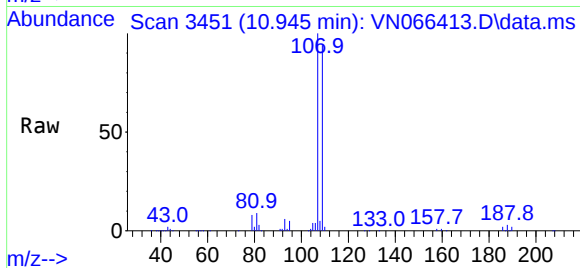
Tgt Ion: 129 Resp: 251884
Ion Ratio Lower Upper
129 100
127 77.1 38.5 115.5





#61
1,2-Dibromoethane
Concen: 52.73 ug/l
RT: 10.945 min Scan# 3451
Delta R.T. -0.003 min
Lab File: VN066413.D
Acq: 30 Mar 2021 6:16

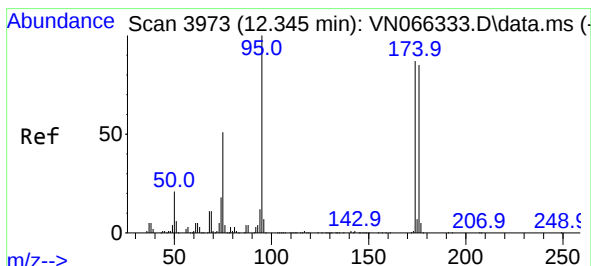
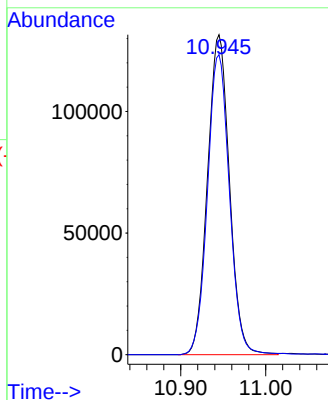
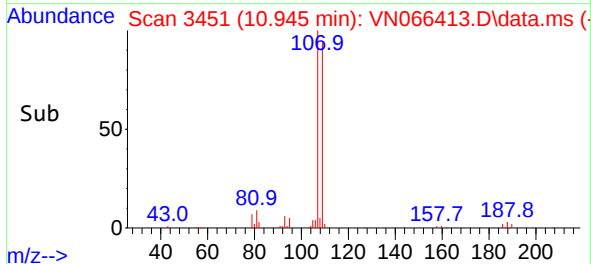
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



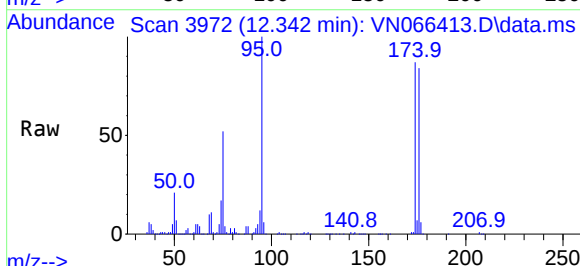
Tgt Ion:107 Resp: 235857
Ion Ratio Lower Upper
107 100
109 93.8 75.4 113.2

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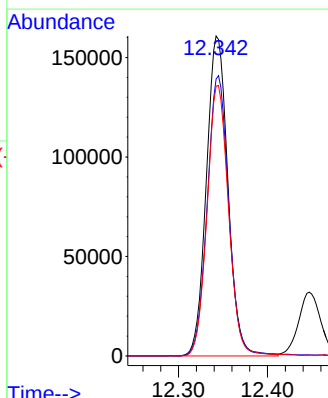
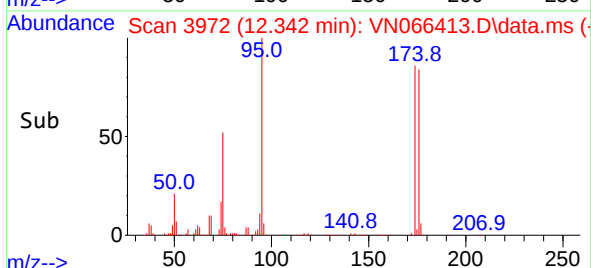
SAM
3/31/2021 5:51:27 PM

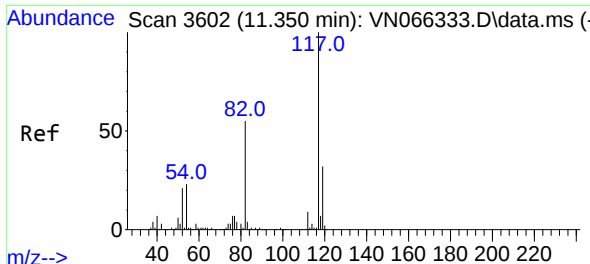


#62
4-Bromofluorobenzene
Concen: 50.47 ug/l
RT: 12.342 min Scan# 3972
Delta R.T. -0.003 min
Lab File: VN066413.D
Acq: 30 Mar 2021 6:16



Tgt Ion: 95 Resp: 270052
Ion Ratio Lower Upper
95 100
174 87.6 0.0 172.2
176 84.4 0.0 167.8





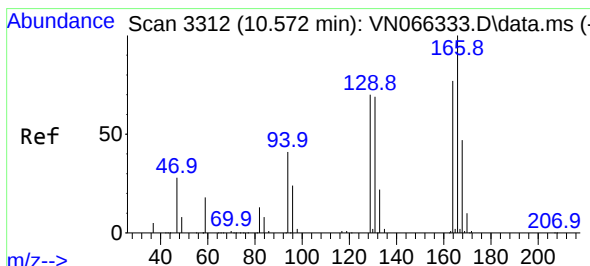
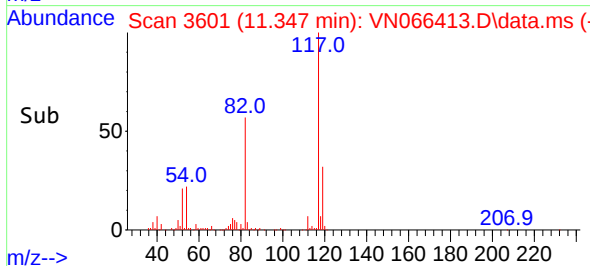
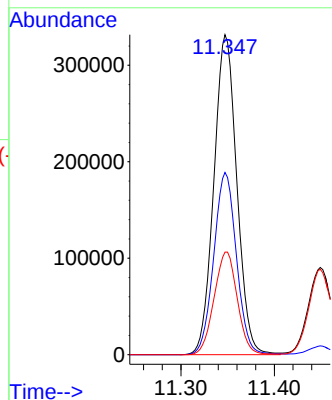
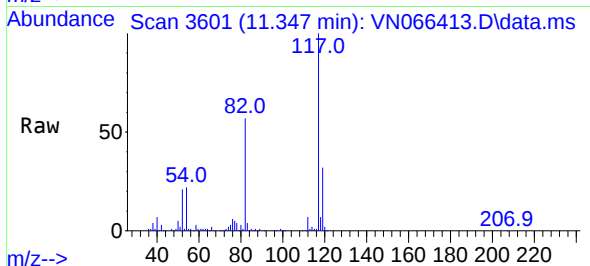
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.347 min Scan# 3601
Delta R.T. -0.003 min
Lab File: VN066413.D
Acq: 30 Mar 2021 6:16

Tgt Ion:117 Resp: 566435
Ion Ratio Lower Upper
117 100
82 56.9 44.2 66.4
119 32.1 25.8 38.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

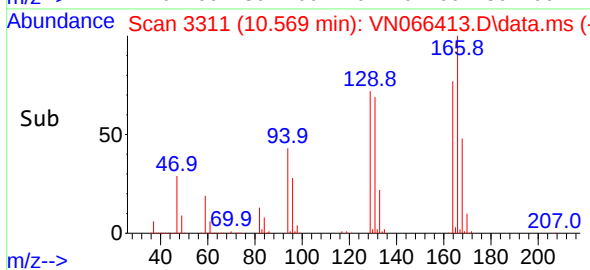
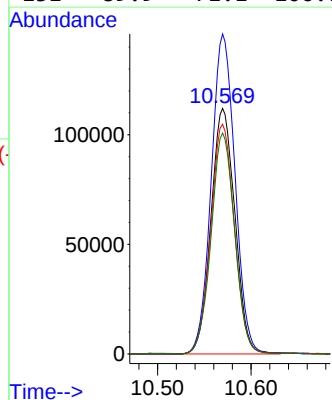
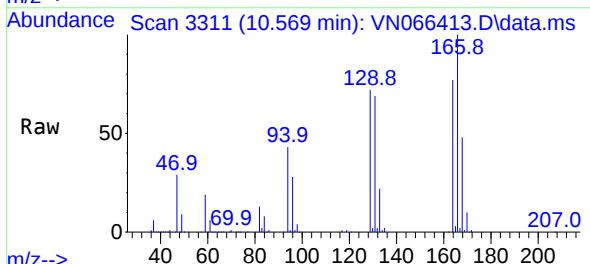
Manual Integrations
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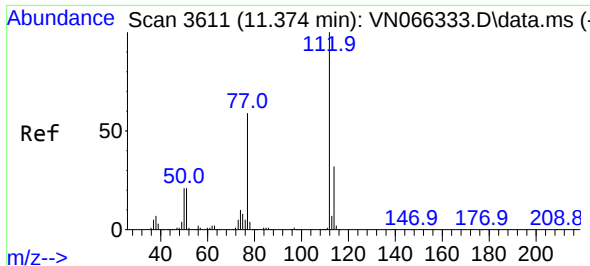
SAM
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#64
Tetrachloroethene
Concen: 41.54 ug/l
RT: 10.569 min Scan# 3311
Delta R.T. -0.003 min
Lab File: VN066413.D
Acq: 30 Mar 2021 6:16

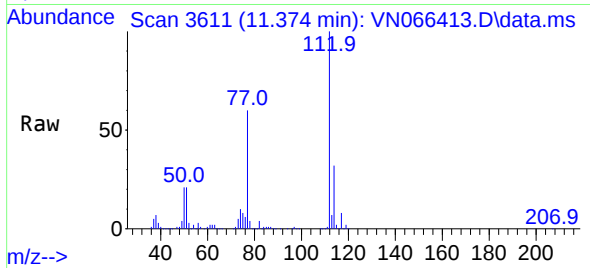
Tgt Ion:164 Resp: 200262
Ion Ratio Lower Upper
164 100
166 130.3 103.3 154.9
129 93.5 72.5 108.7
131 89.9 71.1 106.7





#65
Chlorobenzene
Concen: 50.91 ug/l
RT: 11.374 min Scan# 3611
Delta R.T. -0.000 min
Lab File: VN066413.D
Acq: 30 Mar 2021 6:16

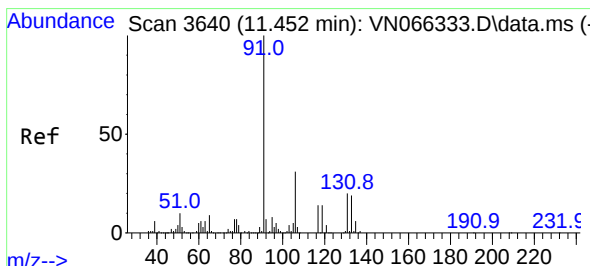
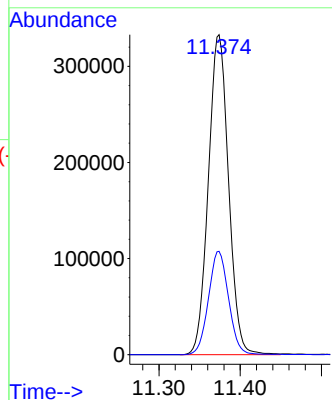
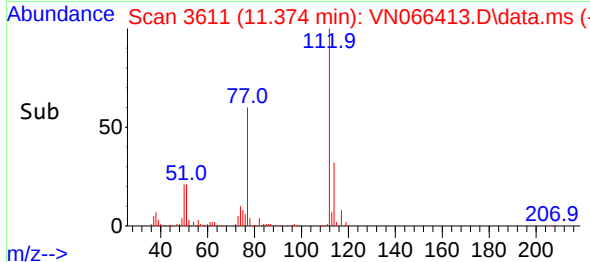
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



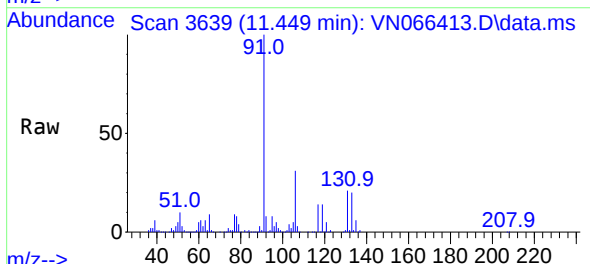
Tgt Ion:112 Resp: 574798
Ion Ratio Lower Upper
112 100
114 32.3 25.7 38.5

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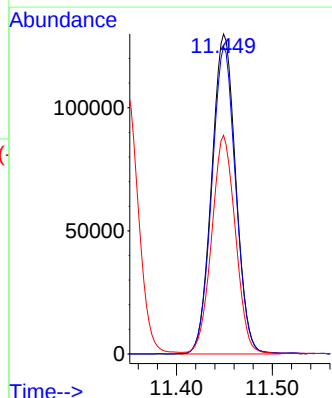
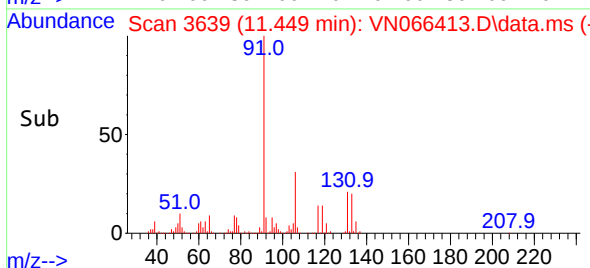
SAM
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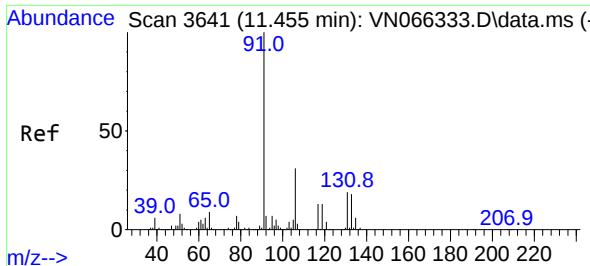


#66
1,1,1,2-Tetrachloroethane
Concen: 51.96 ug/l
RT: 11.449 min Scan# 3639
Delta R.T. -0.003 min
Lab File: VN066413.D
Acq: 30 Mar 2021 6:16



Tgt Ion:131 Resp: 225945
Ion Ratio Lower Upper
131 100
133 95.6 47.6 142.8
119 67.1 33.6 100.6





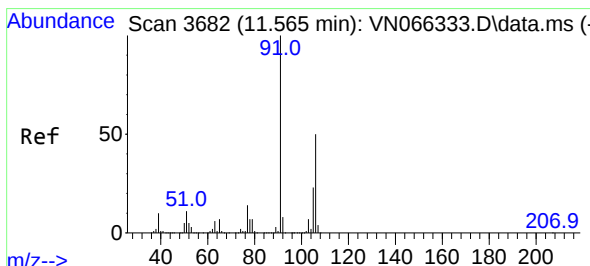
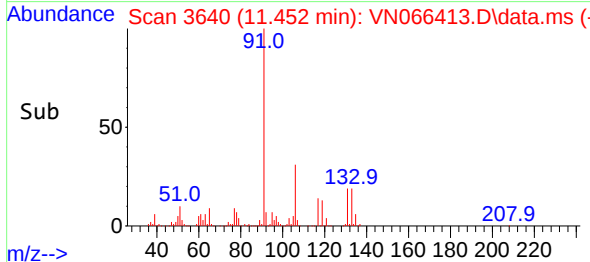
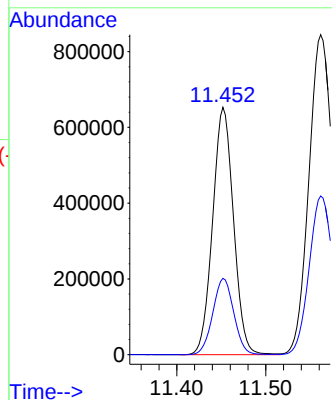
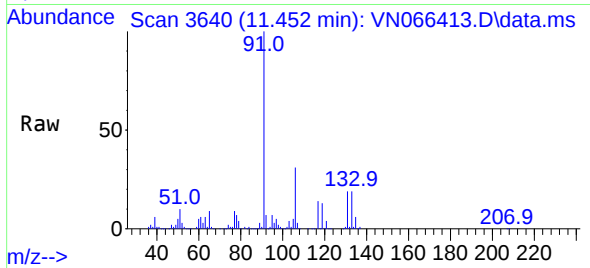
#67
Ethyl Benzene
Concen: 51.94 ug/l
RT: 11.452 min Scan# 3640
Delta R.T. -0.003 min
Lab File: VN066413.D
Acq: 30 Mar 2021 6:16

Tgt Ion: 91 Resp: 1064808
Ion Ratio Lower Upper
91 100
106 30.9 24.7 37.1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

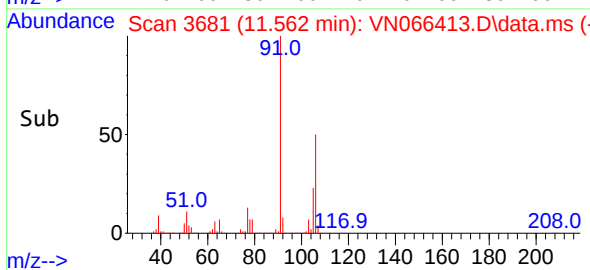
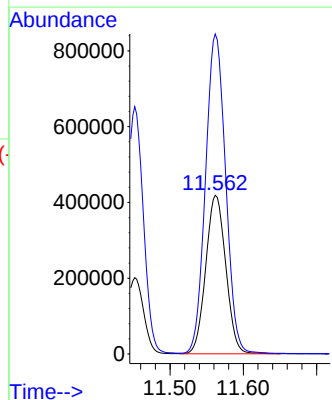
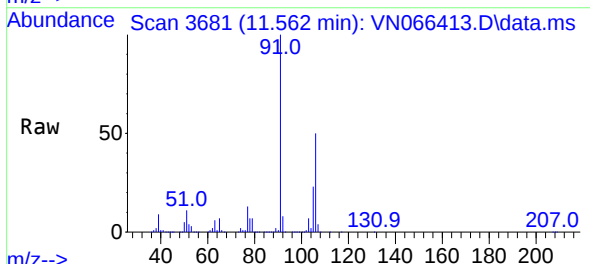
Manual Integrations
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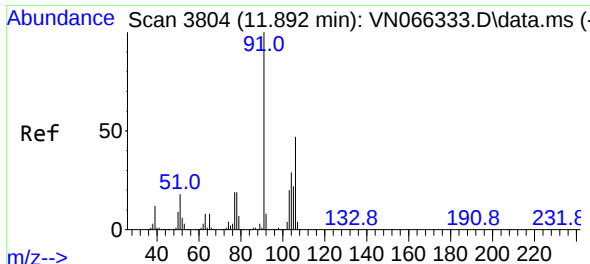
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#68
m/p-Xylenes
Concen: 102.04 ug/l
RT: 11.562 min Scan# 3681
Delta R.T. -0.003 min
Lab File: VN066413.D
Acq: 30 Mar 2021 6:16

Tgt Ion:106 Resp: 794736
Ion Ratio Lower Upper
106 100
91 202.2 162.7 244.1





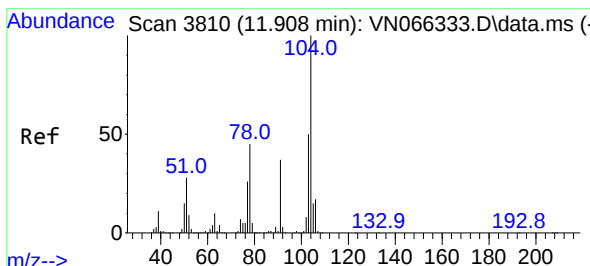
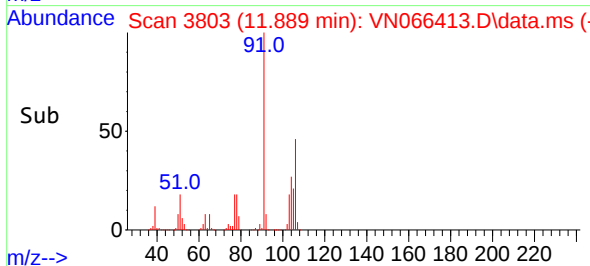
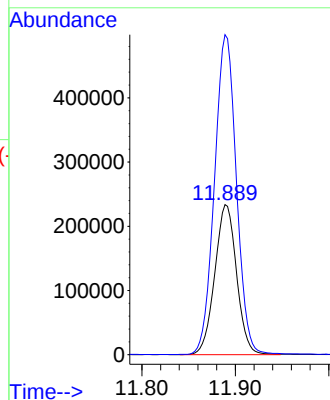
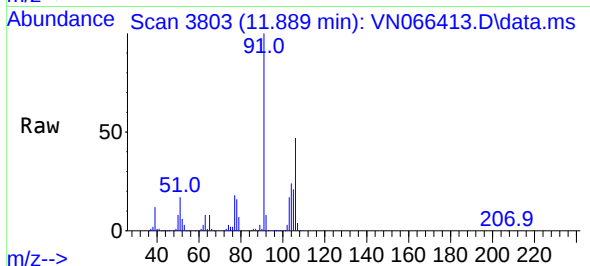
#69
o-Xylene
Concen: 50.49 ug/l
RT: 11.889 min Scan# 3803
Delta R.T. -0.003 min
Lab File: VN066413.D
Acq: 30 Mar 2021 6:16

Tgt Ion:106 Resp: 379437
Ion Ratio Lower Upper
106 100
91 214.4 107.1 321.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

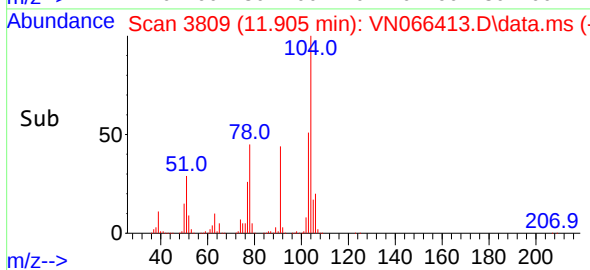
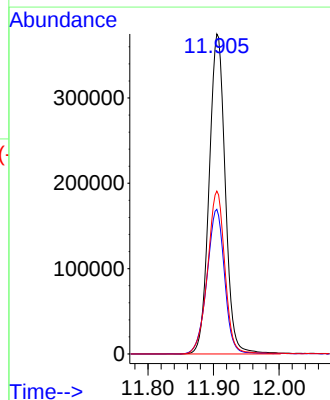
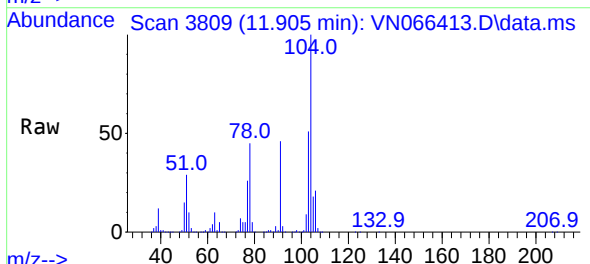
Manual Integrations
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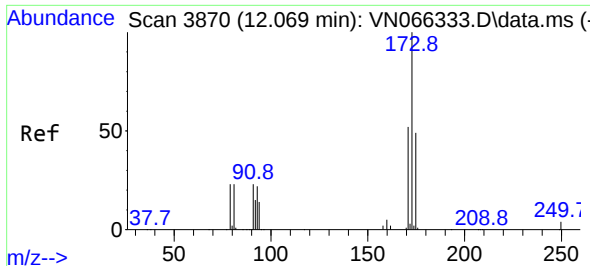
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#70
Styrene
Concen: 52.55 ug/l
RT: 11.905 min Scan# 3809
Delta R.T. -0.003 min
Lab File: VN066413.D
Acq: 30 Mar 2021 6:16

Tgt Ion:104 Resp: 640297
Ion Ratio Lower Upper
104 100
78 49.4 40.7 61.1
103 54.6 44.2 66.2





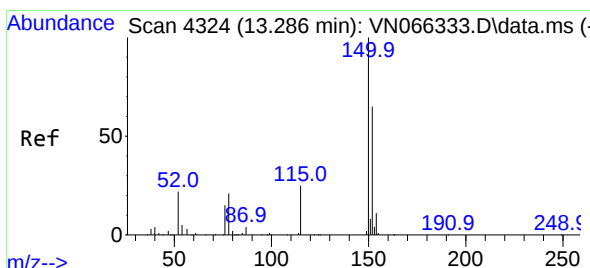
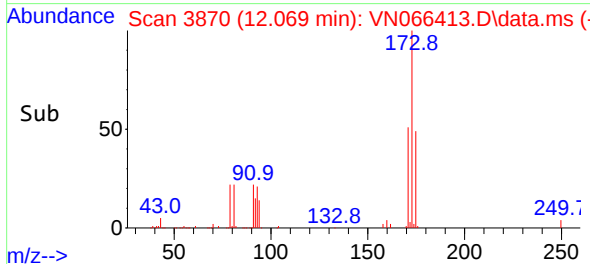
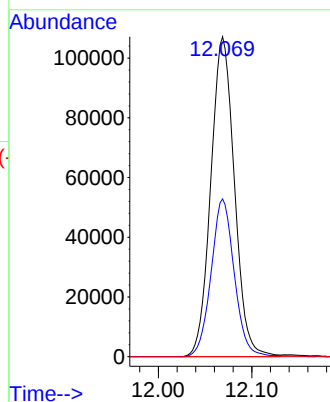
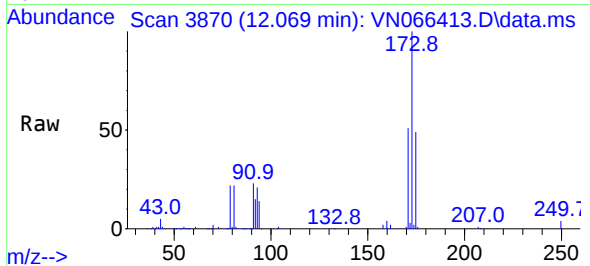
#71
Bromoform
Concen: 52.07 ug/l
RT: 12.069 min Scan# 3870
Delta R.T. -0.000 min
Lab File: VN066413.D
Acq: 30 Mar 2021 6:16

Tgt Ion:173 Resp: 188327
Ion Ratio Lower Upper
173 100
175 48.5 24.3 72.8
254 0.0 0.0 0.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

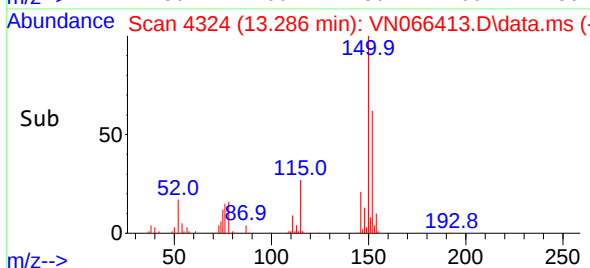
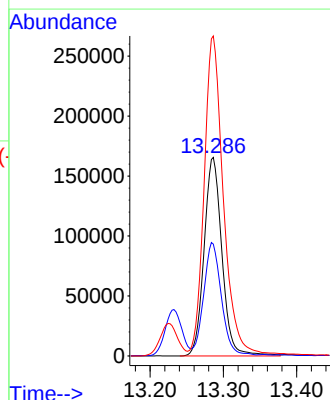
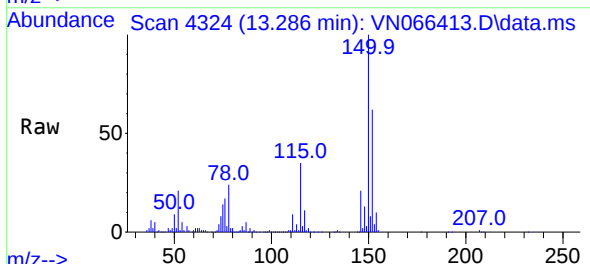
Manual Integrations
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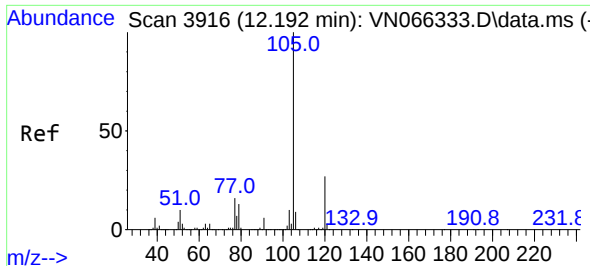
SAM
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.286 min Scan# 4324
Delta R.T. 0.000 min
Lab File: VN066413.D
Acq: 30 Mar 2021 6:16

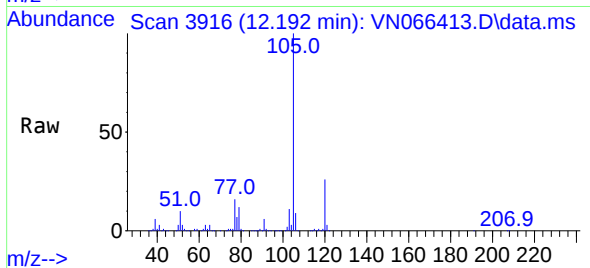
Tgt Ion:152 Resp: 281449
Ion Ratio Lower Upper
152 100
115 55.1 27.8 83.4
150 173.5 0.0 348.4





#73
Isopropylbenzene
Concen: 48.61 ug/l
RT: 12.192 min Scan# 3916
Delta R.T. -0.000 min
Lab File: VN066413.D
Acq: 30 Mar 2021 6:16

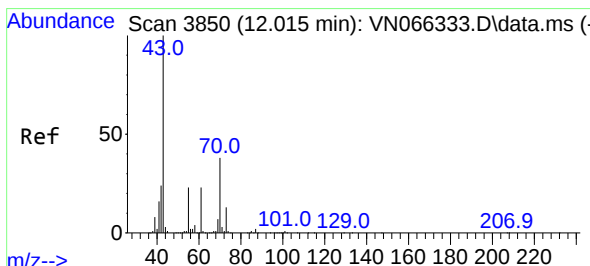
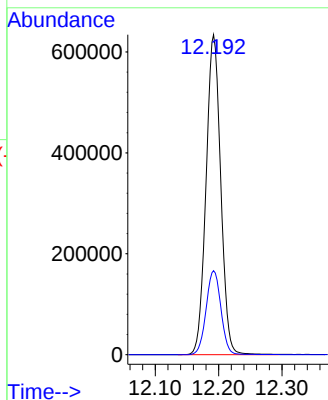
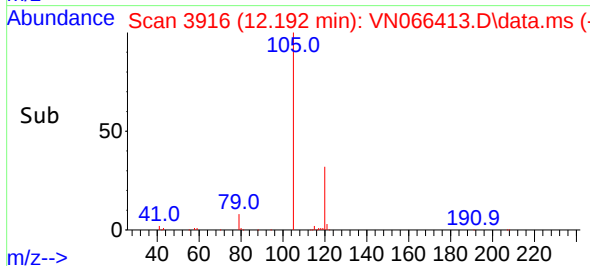
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



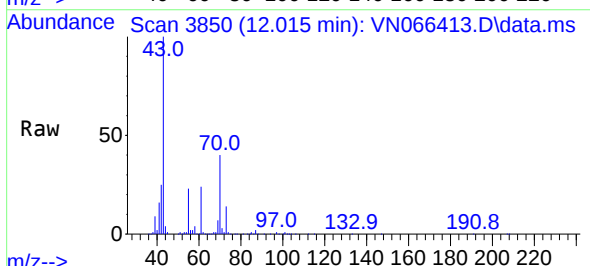
Tgt Ion:105 Resp: 1017621
Ion Ratio Lower Upper
105 100
120 26.5 13.3 39.8

Manual Integrations
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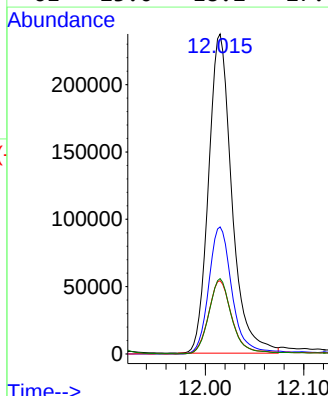
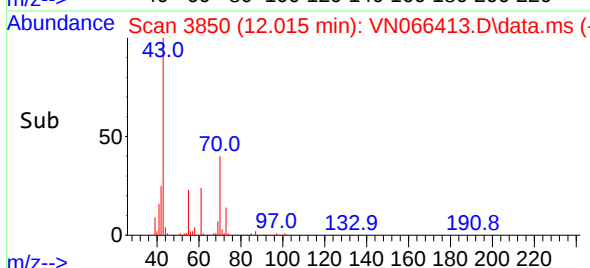
SAM
3/31/2021 5:51:27 PM

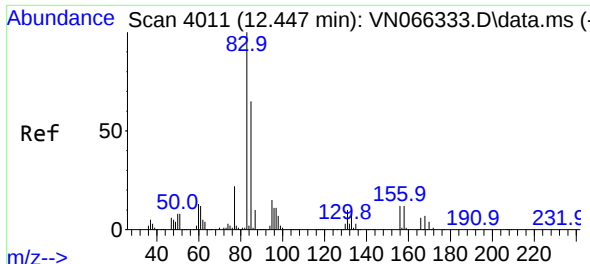


#74
N-ethyl acetate
Concen: 47.67 ug/l
RT: 12.015 min Scan# 3850
Delta R.T. 0.000 min
Lab File: VN066413.D
Acq: 30 Mar 2021 6:16



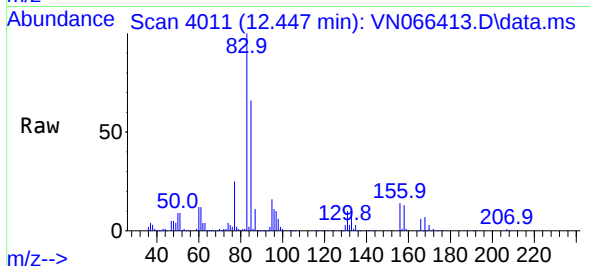
Tgt Ion: 43 Resp: 391133
Ion Ratio Lower Upper
43 100
70 40.2 31.2 46.8
55 23.4 18.6 28.0
61 23.0 18.2 27.4





#75
1,1,2,2-Tetrachloroethane
Concen: 51.91 ug/l
RT: 12.447 min Scan# 4011
Delta R.T. -0.000 min
Lab File: VN066413.D
Acq: 30 Mar 2021 6:16

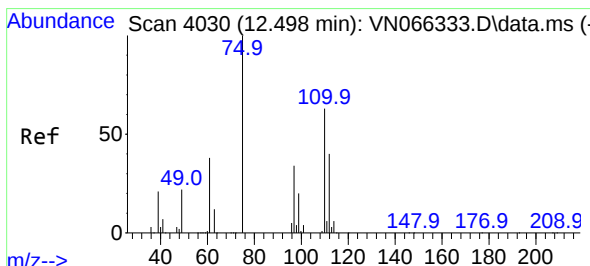
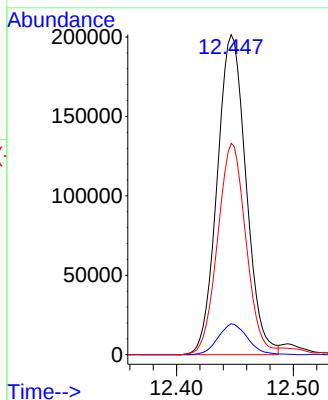
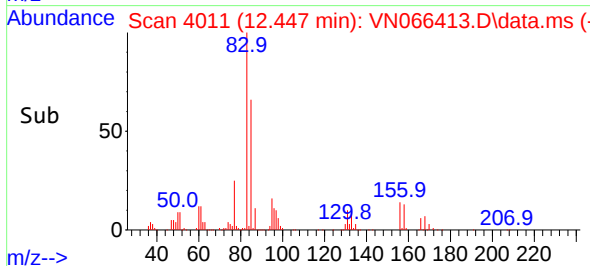
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



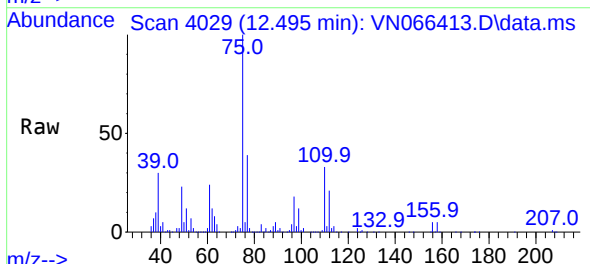
Tgt Ion: 83 Resp: 346062
Ion Ratio Lower Upper
83 100
131 9.8 5.0 15.0
85 64.9 33.8 101.3

Manual Integrations
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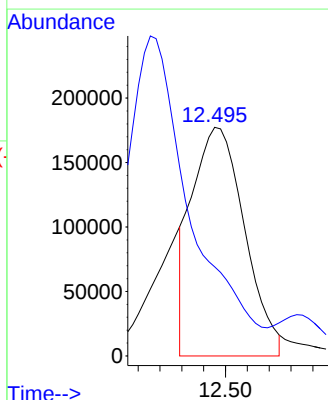
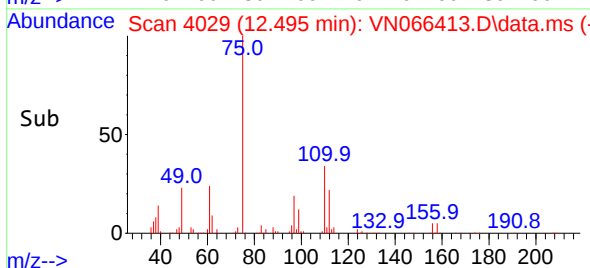
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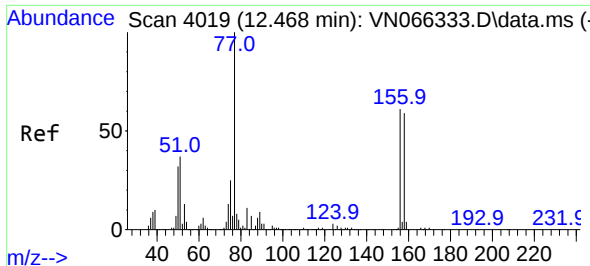


#76
1,2,3-Trichloropropane
Concen: 47.95 ug/l m
RT: 12.495 min Scan# 4029
Delta R.T. -0.003 min
Lab File: VN066413.D
Acq: 30 Mar 2021 6:16



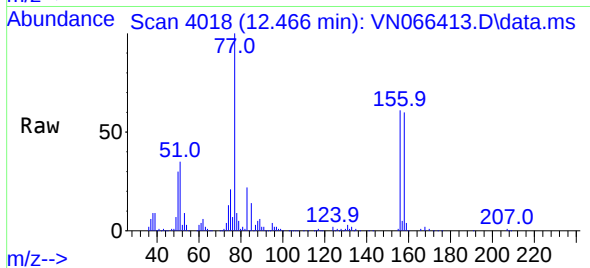
Tgt Ion: 75 Resp: 296146
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 48.74 ug/l
RT: 12.466 min Scan# 4018
Delta R.T. -0.003 min
Lab File: VN066413.D
Acq: 30 Mar 2021 6:16

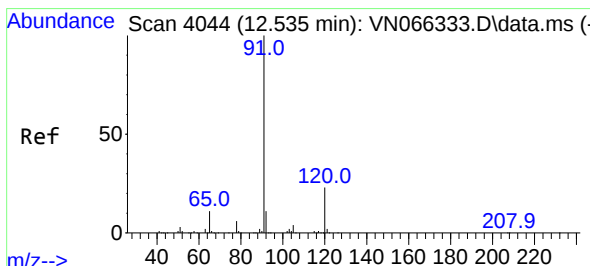
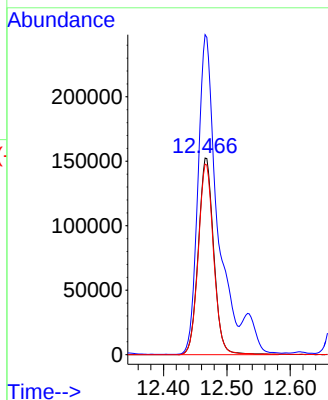
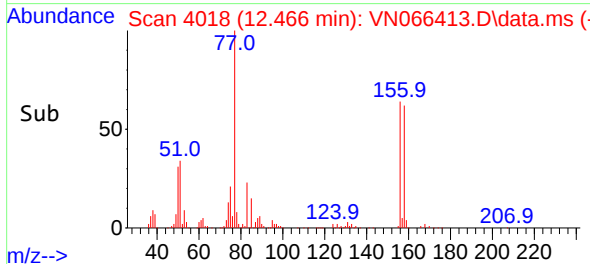
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



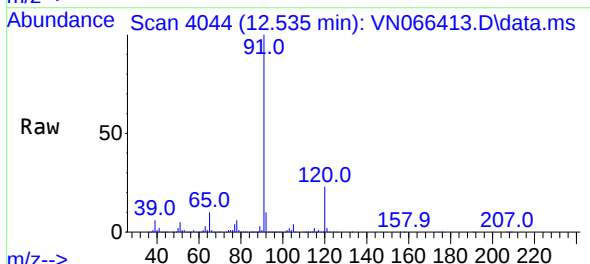
Tgt Ion:156 Resp: 257655
Ion Ratio Lower Upper
156 100
77 199.8 99.7 299.1
158 96.6 48.8 146.3

Manual Integrations
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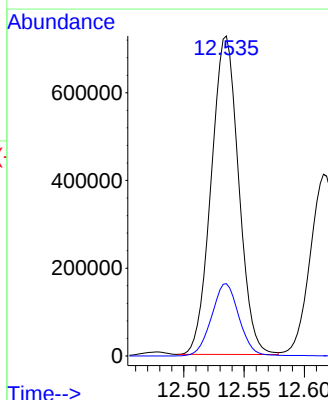
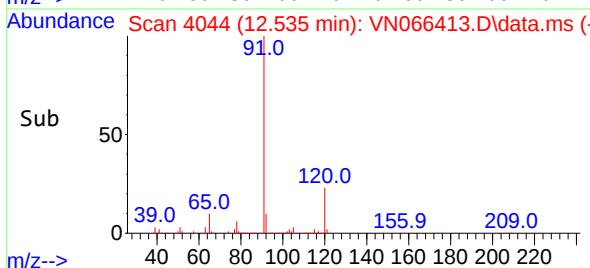
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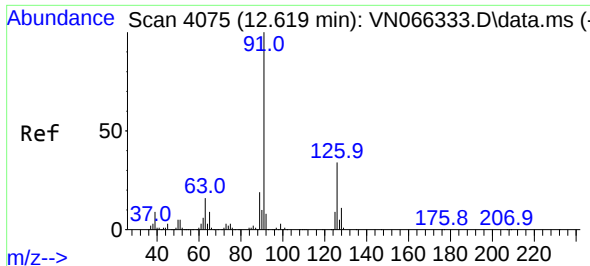


#78
n-propylbenzene
Concen: 50.48 ug/l
RT: 12.535 min Scan# 4044
Delta R.T. -0.000 min
Lab File: VN066413.D
Acq: 30 Mar 2021 6:16



Tgt Ion: 91 Resp: 1148922
Ion Ratio Lower Upper
91 100
120 22.9 11.7 35.1





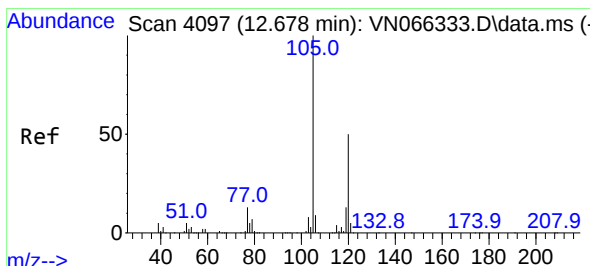
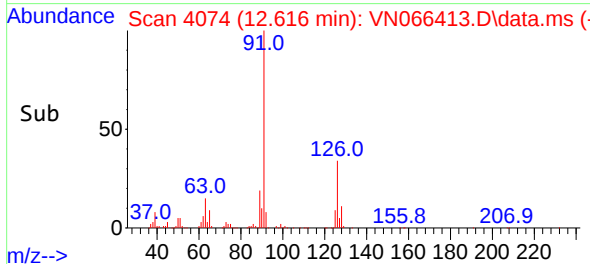
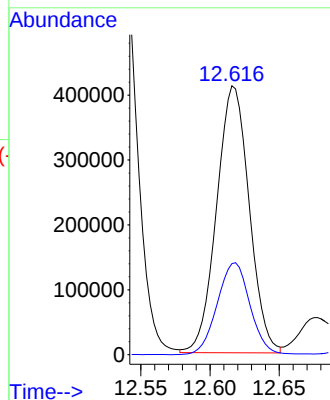
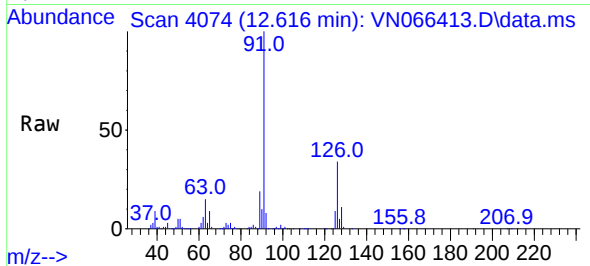
#79
2-Chlorotoluene
Concen: 48.10 ug/l
RT: 12.616 min Scan# 4074
Delta R.T. -0.003 min
Lab File: VN066413.D
Acq: 30 Mar 2021 6:16

Tgt Ion: 91 Resp: 673301
Ion Ratio Lower Upper
91 100
126 34.9 17.2 51.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

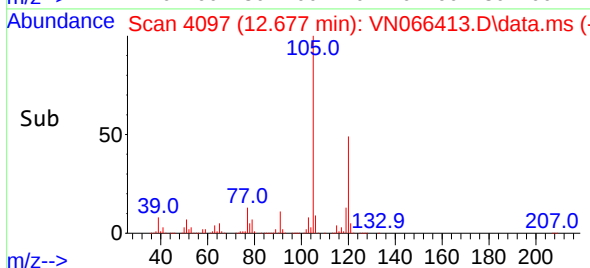
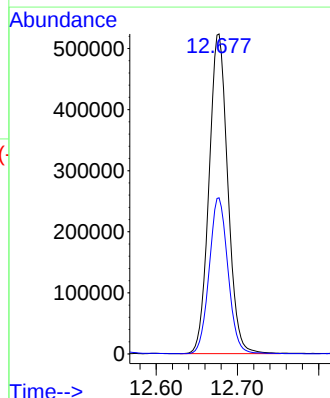
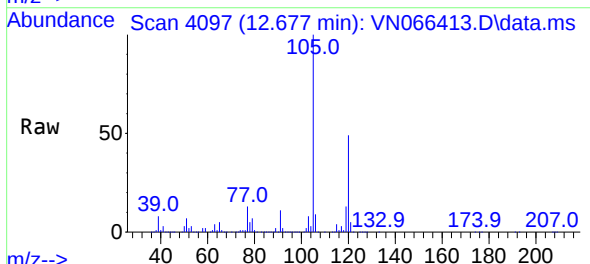
Manual Integrations
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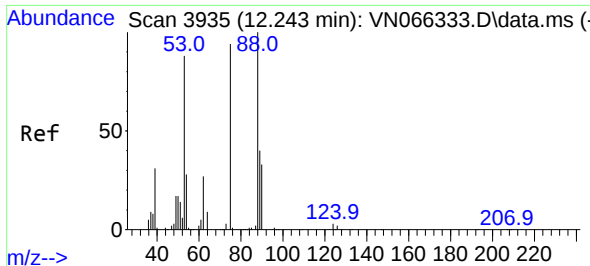
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#80
1,3,5-Trimethylbenzene
Concen: 49.01 ug/l
RT: 12.677 min Scan# 4097
Delta R.T. -0.000 min
Lab File: VN066413.D
Acq: 30 Mar 2021 6:16

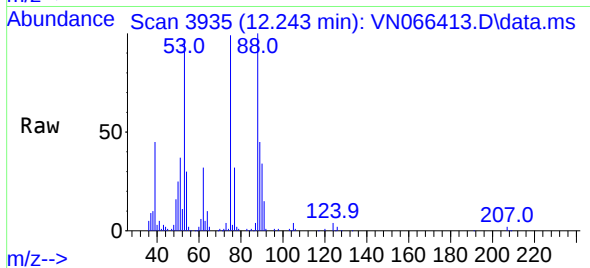
Tgt Ion: 105 Resp: 839153
Ion Ratio Lower Upper
105 100
120 48.7 24.5 73.5





#81
trans-1,4-Dichloro-2-butene
Concen: 47.83 ug/l
RT: 12.243 min Scan# 3935
Delta R.T. -0.000 min
Lab File: VN066413.D
Acq: 30 Mar 2021 6:16

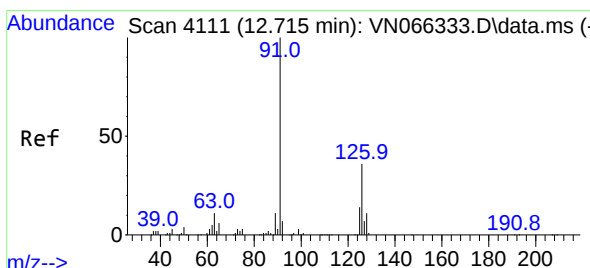
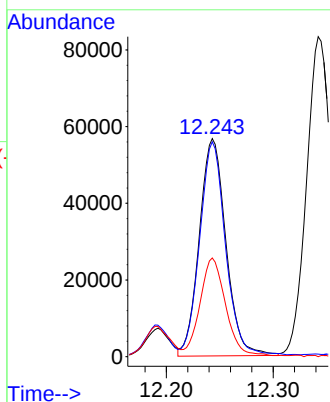
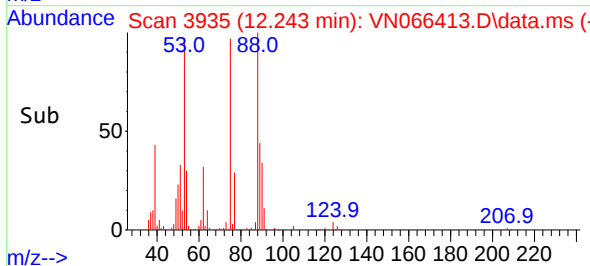
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



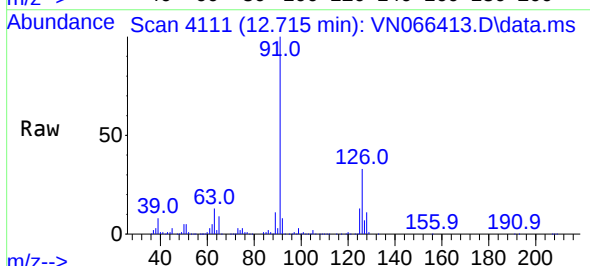
Tgt Ion: 75 Resp: 98217
Ion Ratio Lower Upper
75 100
53 95.3 76.1 114.1
89 43.2 35.7 53.5

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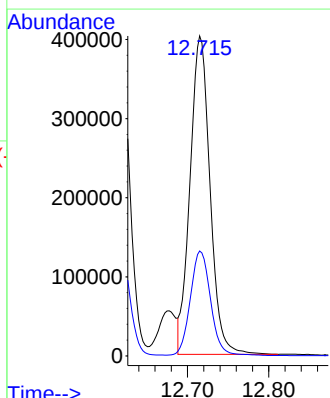
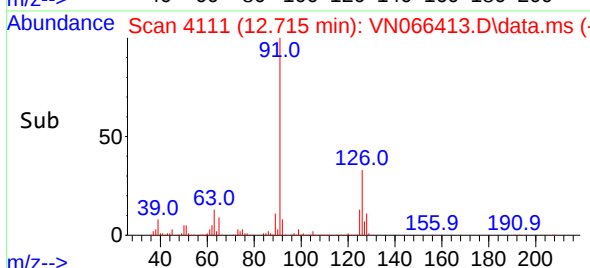
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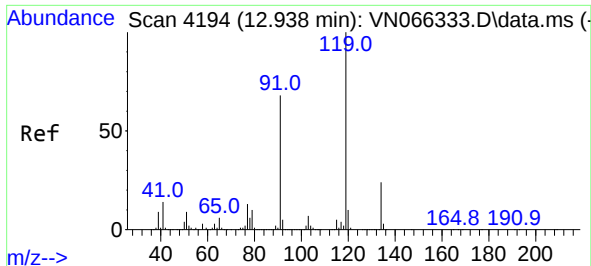


#82
4-Chlorotoluene
Concen: 49.34 ug/l
RT: 12.715 min Scan# 4111
Delta R.T. -0.000 min
Lab File: VN066413.D
Acq: 30 Mar 2021 6:16



Tgt Ion: 91 Resp: 687262
Ion Ratio Lower Upper
91 100
126 33.5 16.6 49.8





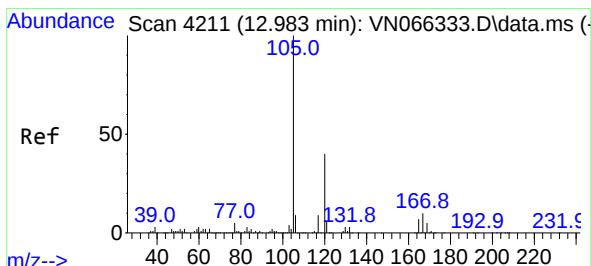
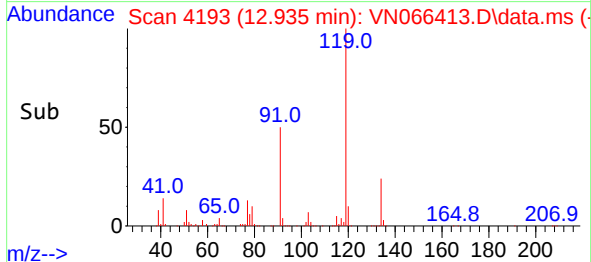
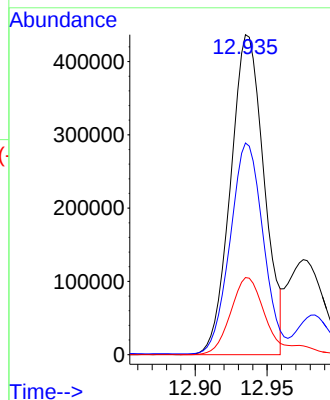
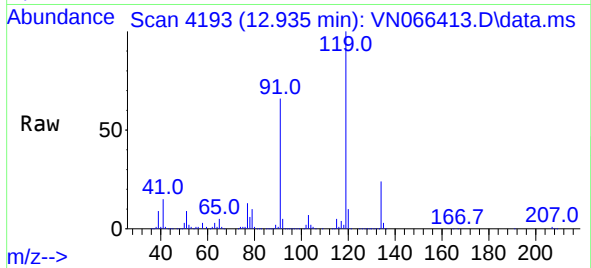
#83
tert-Butylbenzene
Concen: 48.04 ug/l
RT: 12.935 min Scan# 4193
Delta R.T. -0.003 min
Lab File: VN066413.D
Acq: 30 Mar 2021 6:16

Tgt Ion:119 Resp: 708107
Ion Ratio Lower Upper
119 100
91 65.4 33.3 99.8
134 26.4 12.9 38.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

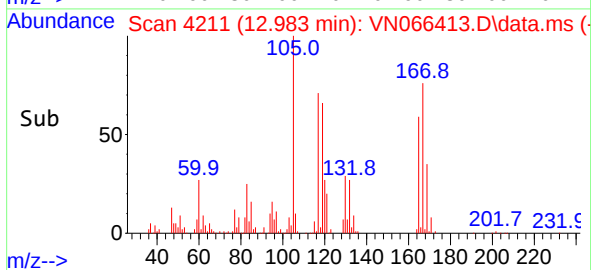
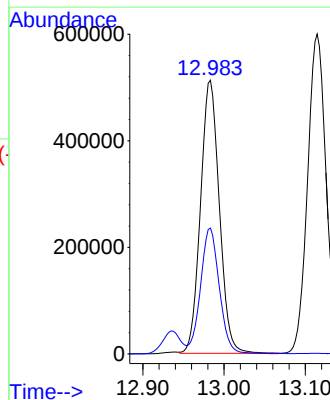
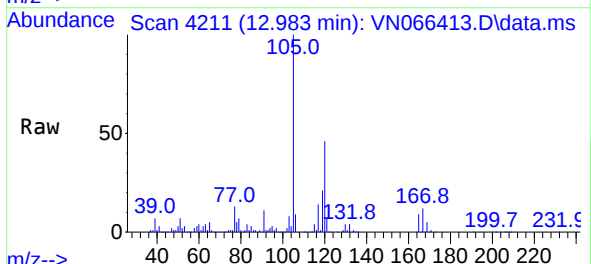
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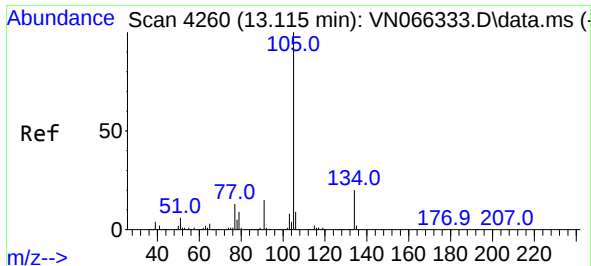
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#84
1,2,4-Trimethylbenzene
Concen: 49.56 ug/l
RT: 12.983 min Scan# 4211
Delta R.T. -0.000 min
Lab File: VN066413.D
Acq: 30 Mar 2021 6:16

Tgt Ion:105 Resp: 824519
Ion Ratio Lower Upper
105 100
120 45.9 23.1 69.2





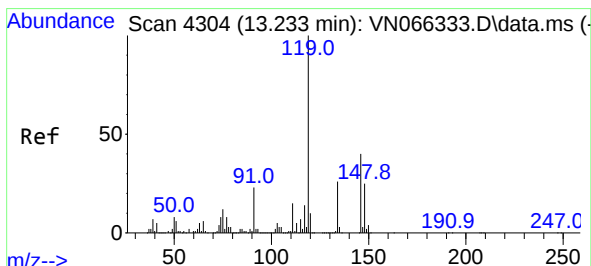
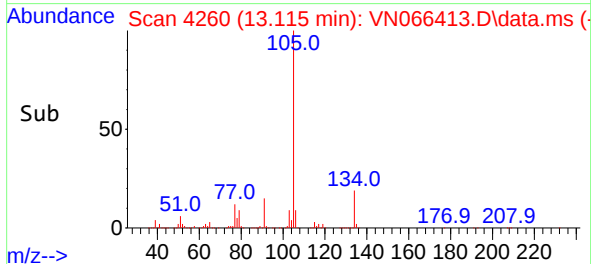
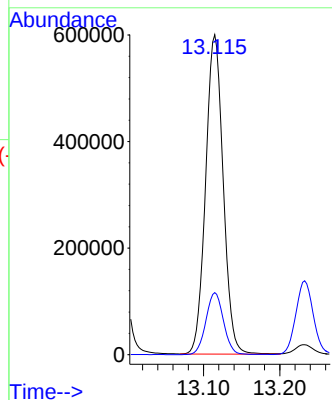
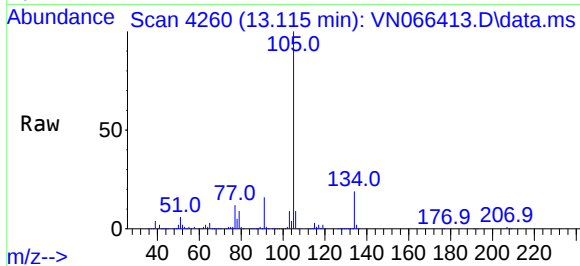
#85
 sec-Butylbenzene
 Concen: 50.14 ug/l
 RT: 13.115 min Scan# 4260
 Delta R.T. -0.000 min
 Lab File: VN066413.D
 Acq: 30 Mar 2021 6:16

Tgt Ion:105 Resp: 957662
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.9 29.7

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

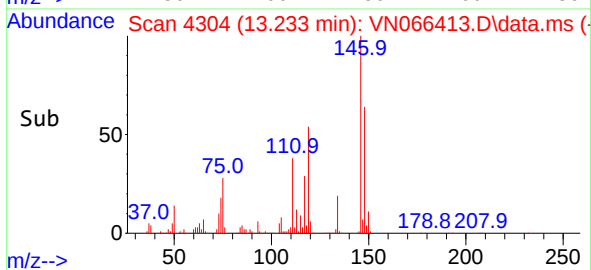
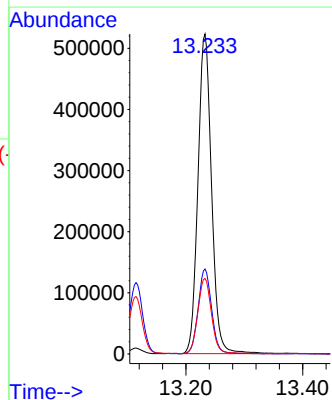
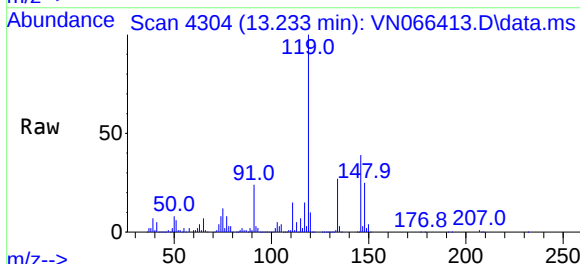
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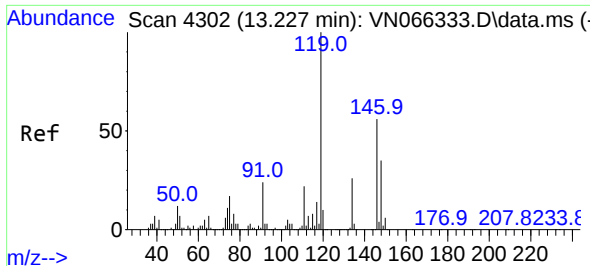
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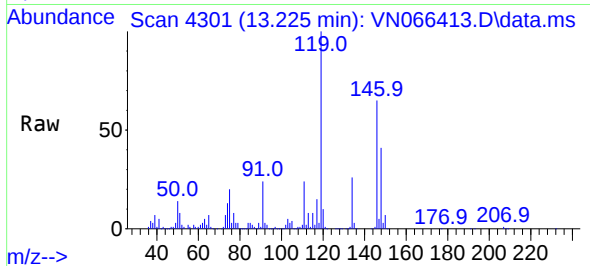
#86
 p-Isopropyltoluene
 Concen: 49.41 ug/l
 RT: 13.233 min Scan# 4304
 Delta R.T. -0.000 min
 Lab File: VN066413.D
 Acq: 30 Mar 2021 6:16

Tgt Ion:119 Resp: 845038
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.9 38.7
 91 23.5 11.5 34.5

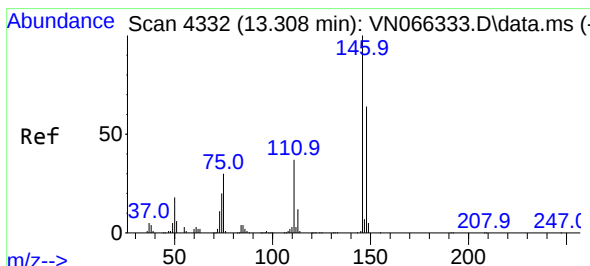
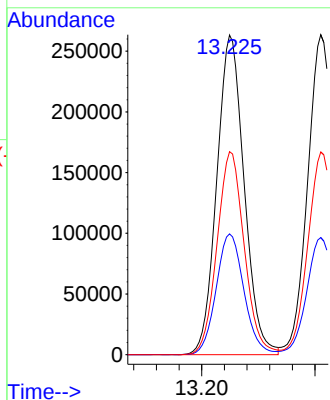
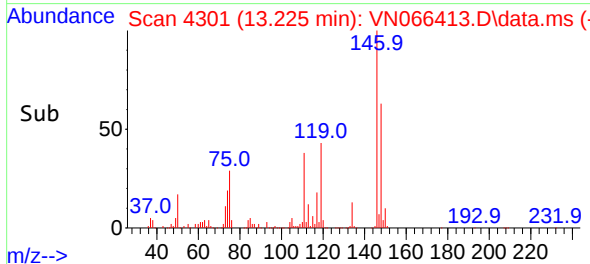




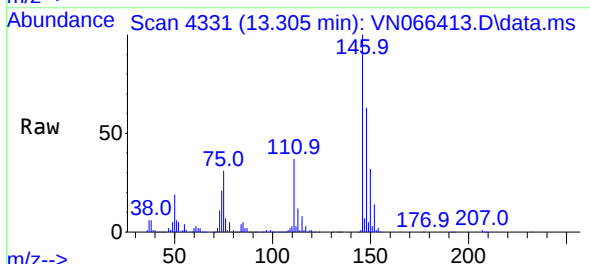
#87
1,3-Dichlorobenzene
Concen: 49.77 ug/l
RT: 13.225 min Scan# 4301
Delta R.T. -0.003 min
Lab File: VN066413.D
Acq: 30 Mar 2021 6:16



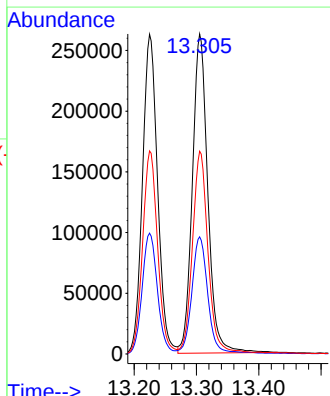
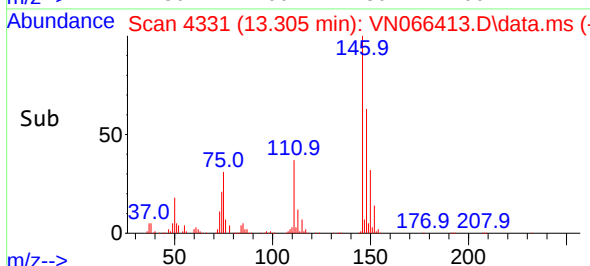
Tgt Ion:146 Resp: 441487
Ion Ratio Lower Upper
146 100
111 38.4 19.4 58.1
148 63.4 31.8 95.4



#88
1,4-Dichlorobenzene
Concen: 49.15 ug/l
RT: 13.305 min Scan# 4331
Delta R.T. -0.003 min
Lab File: VN066413.D
Acq: 30 Mar 2021 6:16



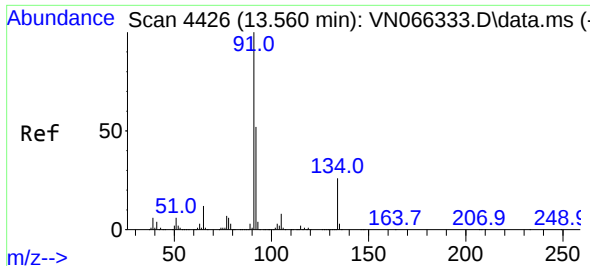
Tgt Ion:146 Resp: 452707
Ion Ratio Lower Upper
146 100
111 37.8 18.3 54.9
148 63.0 31.9 95.9



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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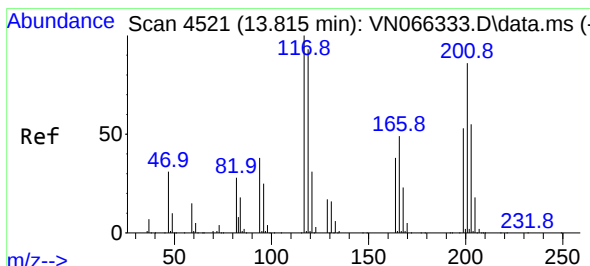
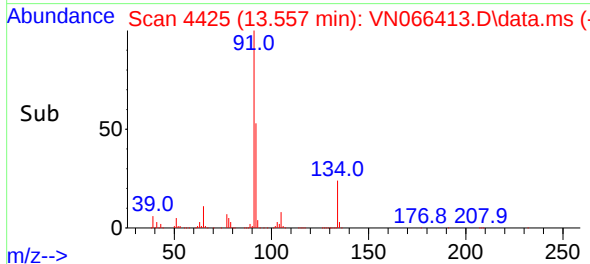
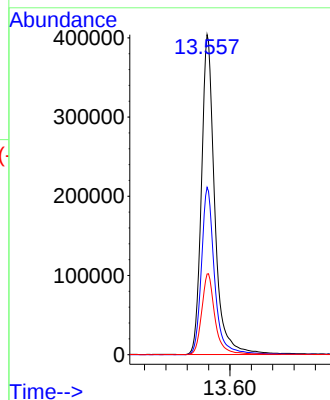
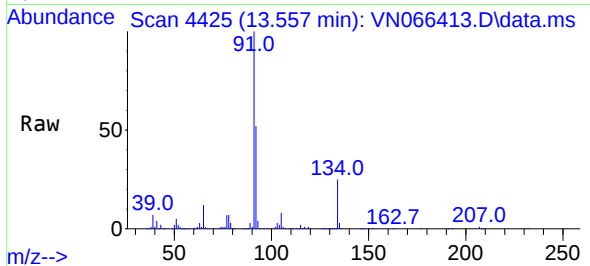
#89
n-Butylbenzene
Concen: 49.57 ug/l
RT: 13.557 min Scan# 4425
Delta R.T. -0.003 min
Lab File: VN066413.D
Acq: 30 Mar 2021 6:16

Tgt Ion: 91 Resp: 700432
Ion Ratio Lower Upper
91 100
92 51.9 26.1 78.3
134 25.3 12.8 38.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

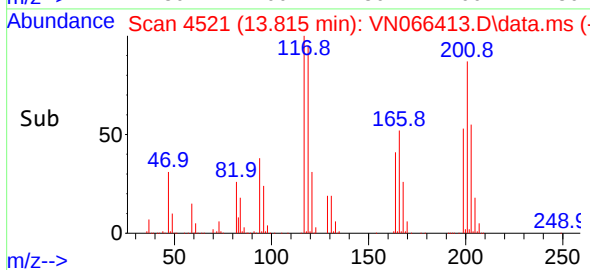
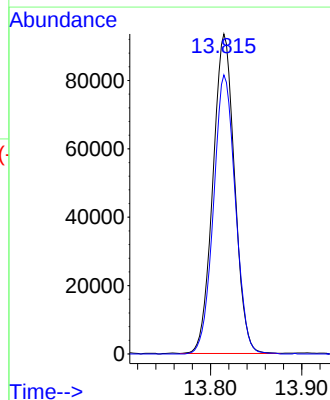
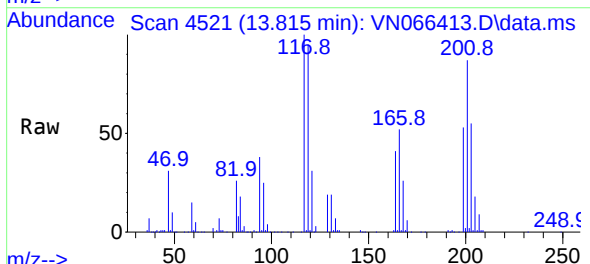
Manual Integrations
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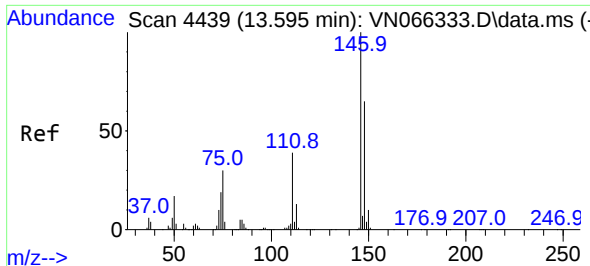
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#90
Hexachloroethane
Concen: 49.96 ug/l
RT: 13.815 min Scan# 4521
Delta R.T. -0.000 min
Lab File: VN066413.D
Acq: 30 Mar 2021 6:16

Tgt Ion: 117 Resp: 154107
Ion Ratio Lower Upper
117 100
201 88.2 44.0 131.8





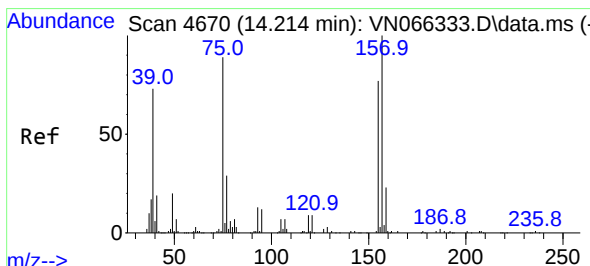
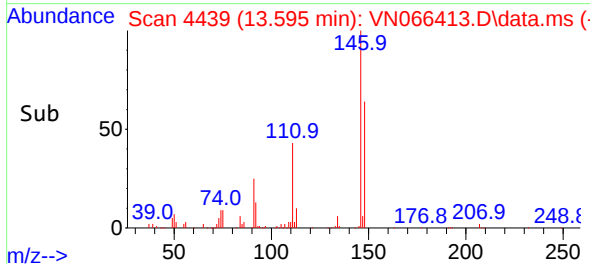
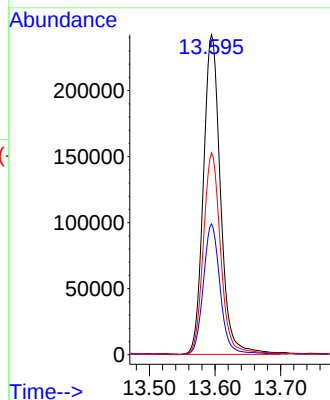
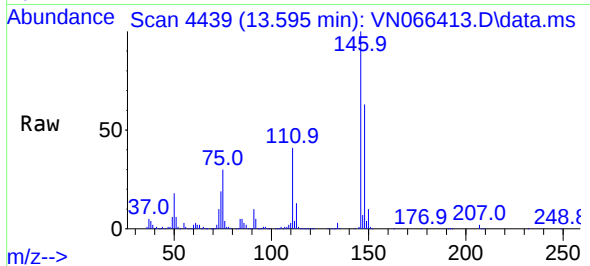
#91
1,2-Dichlorobenzene
Concen: 50.27 ug/l
RT: 13.595 min Scan# 4439
Delta R.T. -0.000 min
Lab File: VN066413.D
Acq: 30 Mar 2021 6:16

Tgt Ion:146 Resp: 438453
Ion Ratio Lower Upper
146 100
111 40.7 19.7 59.1
148 63.9 32.3 96.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

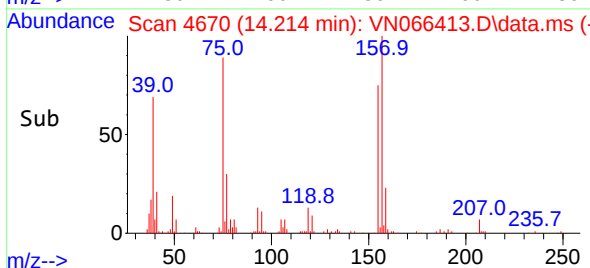
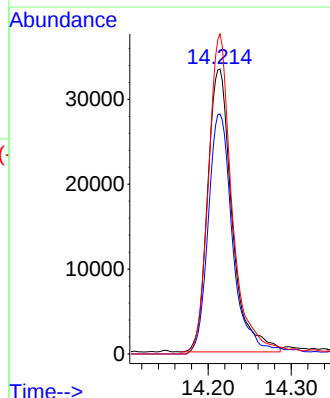
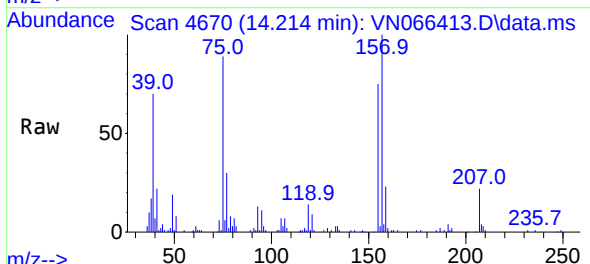
Manual Integrations
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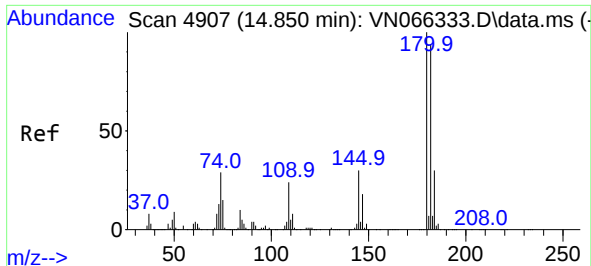
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#92
1,2-Dibromo-3-Chloropropane
Concen: 53.05 ug/l
RT: 14.214 min Scan# 4670
Delta R.T. -0.000 min
Lab File: VN066413.D
Acq: 30 Mar 2021 6:16

Tgt Ion: 75 Resp: 67822
Ion Ratio Lower Upper
75 100
155 86.6 43.8 131.3
157 109.9 57.6 172.8





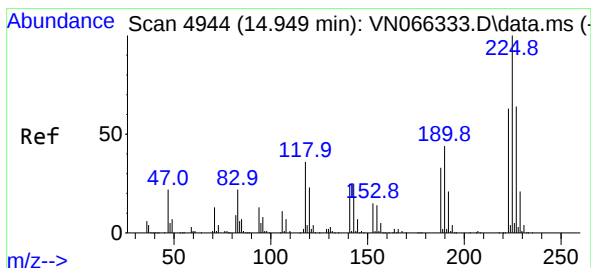
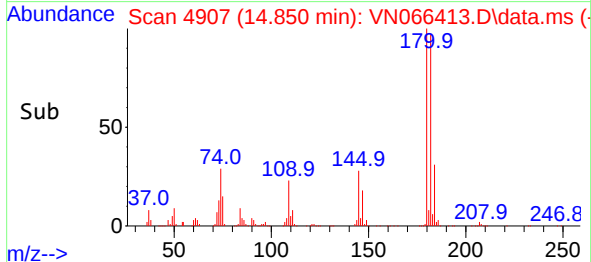
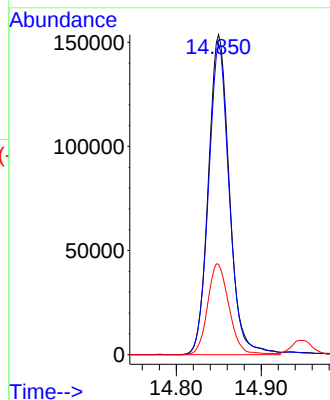
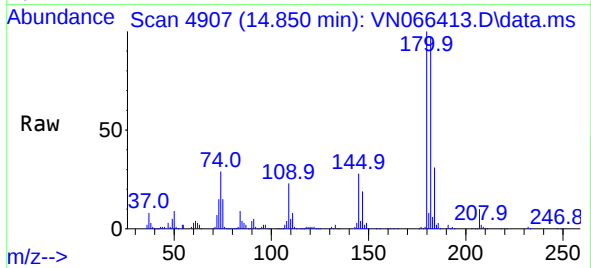
#93
1,2,4-Trichlorobenzene
Concen: 48.76 ug/l
RT: 14.850 min Scan# 4907
Delta R.T. -0.000 min
Lab File: VN066413.D
Acq: 30 Mar 2021 6:16

Tgt Ion:180 Resp: 263726
Ion Ratio Lower Upper
180 100
182 96.2 47.4 142.3
145 29.0 14.2 42.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

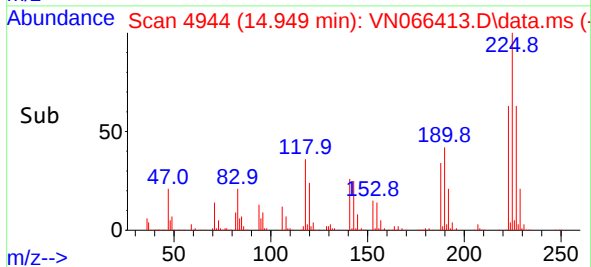
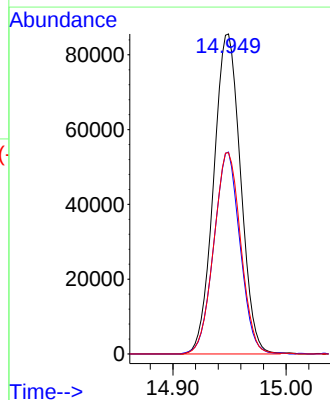
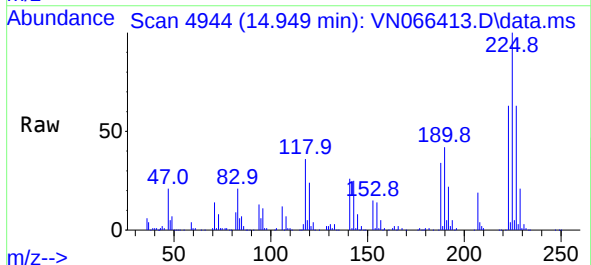
Manual Integrations
APPROVED

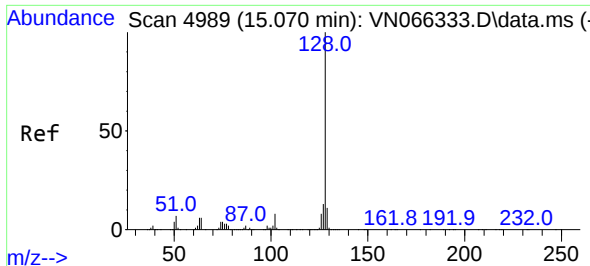
SAM
3/31/2021 5:51:27 PM



#94
Hexachlorobutadiene
Concen: 47.90 ug/l
RT: 14.949 min Scan# 4944
Delta R.T. -0.000 min
Lab File: VN066413.D
Acq: 30 Mar 2021 6:16

Tgt Ion:225 Resp: 141313
Ion Ratio Lower Upper
225 100
223 61.4 31.1 93.5
227 63.0 32.1 96.3





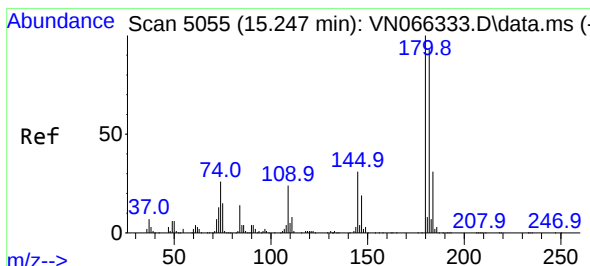
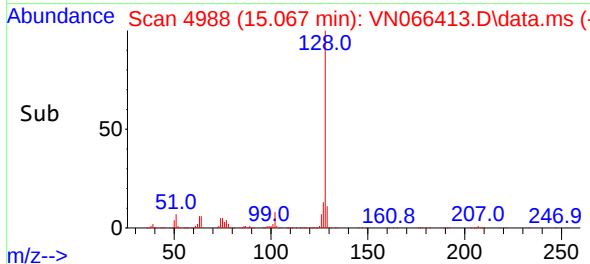
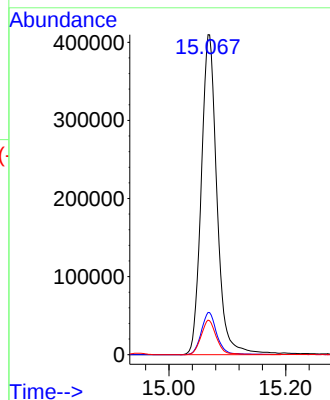
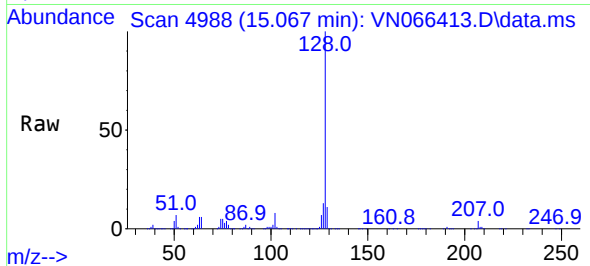
#95
Naphthalene
Concen: 48.58 ug/l
RT: 15.067 min Scan# 4988
Delta R.T. -0.003 min
Lab File: VN066413.D
Acq: 30 Mar 2021 6:16

Tgt Ion:128 Resp: 766133
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 10.6 8.5 12.7

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

SAM
3/31/2021 5:51:27 PM



#96
1,2,3-Trichlorobenzene
Concen: 48.46 ug/l
RT: 15.247 min Scan# 5055
Delta R.T. -0.000 min
Lab File: VN066413.D
Acq: 30 Mar 2021 6:16

Tgt Ion:180 Resp: 263465
Ion Ratio Lower Upper
180 100
182 95.2 47.6 142.9
145 29.8 15.4 46.1

