

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032421\
 Data File : VN066313.D
 Acq On : 24 Mar 2021 15:40
 Operator : JC/MD
 Sample : VSTDIC100
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 3/30/2021 10:41:17 AM

Quant Time: Mar 25 04:39:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032421W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 25 04:35:34 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.110	128	90198	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.518	114	480329	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.350	117	422367	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.949	65	202324	26.36	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	87.87%#		
60) 4-Bromofluorobenzene	12.345	95	201970	28.02	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	93.40%		
63) Toluene-d8	10.028	98	603737	31.66	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	105.53%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.818	85	443421	95.87	ug/l	97
3) Chloromethane	2.014	50	553031	90.88	ug/l	100
4) Vinyl Chloride	2.145	62	595072	92.95	ug/l	99
5) Bromomethane	2.505	94	422215	95.24	ug/l	96
6) Chloroethane	2.647	64	385345	100.79	ug/l	98
7) Trichlorofluoromethane	2.958	101	878661	91.69	ug/l	100
8) Diethyl Ether	3.342	74	298000	91.00	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.685	101	424186	102.01	ug/l	99
10) 1,1-Dichloroethene	3.661	96	425816	93.28	ug/l	93
11) Methyl Iodide	3.873	142	644475	90.85	ug/l	98
12) Methyl Acetate	4.235	43	705107	130.08	ug/l	99
13) Acrolein	3.529	56	176741	229.49	ug/l	97
14) Acrylonitrile	4.878	53	1406057	559.93	ug/l	99
15) Acetone	3.736	58	362189	506.89	ug/l	98
16) Carbon Disulfide	3.972	76	1161784	87.10	ug/l	100
17) Allyl chloride	4.235	41	830715	98.68	ug/l	97
18) Methylene Chloride	4.457	84	492844	87.26	ug/l	97
19) trans-1,2-Dichloroethene	4.937	96	474960	91.66	ug/l	99
20) Diisopropyl ether	5.852	45	1772367	107.09	ug/l	99
21) 1,1-Dichloroethane	5.750	63	926164	91.70	ug/l	99
22) cis-1,2-Dichloroethene	6.734	96	570754	90.29	ug/l	99
23) tert-Butyl Alcohol	4.693	59	543610	492.94	ug/l #	100
24) Methyl tert-Butyl Ether	4.940	73	1666232	90.51	ug/l	100
25) Chloroform	7.287	83	942646	87.26	ug/l	95
26) Cyclohexane	7.574	56	822361	103.25	ug/l #	98
29) 1,1-Dichloropropene	7.713	75	691692	96.65	ug/l	98
30) 2-Butanone	6.737	43	2017186	642.17	ug/l	100
31) 2,2-Dichloropropane	6.729	77	832713	89.91	ug/l	100
32) 1,1,1-Trichloroethane	7.488	97	828195	90.64	ug/l	99
33) Carbon Tetrachloride	7.694	117	709284	90.63	ug/l	95
34) Benzene	7.965	78	2098776	96.43	ug/l #	92
35) Methacrylonitrile	7.080	41	380410	114.69	ug/l	97
36) 1,2-Dichloroethane	8.048	62	768369	88.03	ug/l	100
37) Trichloroethene	8.767	130	545310	93.05	ug/l	100
38) Methylcyclohexane	9.014	83	846796	106.89	ug/l	99
39) 1,2-Dichloropropane	9.052	63	559909	99.76	ug/l	100
40) Dibromomethane	9.143	93	365831	96.80	ug/l	98
41) Bromodichloromethane	9.338	83	770614	91.48	ug/l	98
42) Vinyl Acetate	5.793	43	7702956	570.20	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	6.834	43	838326	122.48	ug/l #	100
44) Isopropyl Acetate	8.089	43	1415946	119.96	ug/l #	100
45) 1,4-Dioxane	9.140	88	168918	1771.41	ug/l	98
46) Methyl methacrylate	9.135	41	669969	121.57	ug/l	97
47) n-amyl Acetate	12.015	43	948775	121.52	ug/l	99
48) t-1,3-Dichloropropene	10.323	75	861254	89.44	ug/l	99
49) cis-1,3-Dichloropropene	9.776	75	916060	91.66	ug/l	99
50) 1,1,2-Trichloroethane	10.502	97	519461	97.02	ug/l	98
51) Ethyl methacrylate	10.371	69	850978	103.77	ug/l	98
52) 1,3-Dichloropropane	10.647	76	872801	94.22	ug/l	100
53) Dibromochloromethane	10.843	129	602038	93.18	ug/l	99
54) 1,2-Dibromoethane	10.945	107	540334	96.09	ug/l	100
55) 2-Chloroethyl vinyl ether	9.631	63	618981	247.01	ug/l	99
56) Bromoform	12.071	173	440464	100.98	ug/l #	99
58) 4-Methyl-2-Pentanone	9.920	43	4115328	664.21	ug/l	99
59) 2-Hexanone	10.693	43	2970241	685.37	ug/l	99
61) Tetrachloroethene	10.572	164	543222	98.28	ug/l	98
62) Toluene	10.095	91	2257787	101.04	ug/l	100
64) Chlorobenzene	11.374	112	1325150	92.60	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.452	131	524743	95.27	ug/l	99
66) Ethyl Benzene	11.455	91	2467141	97.21	ug/l	100
67) m/p-Xylenes	11.565	106	1837769	188.19	ug/l	98
68) o-Xylene	11.892	106	886602	92.32	ug/l	99
69) Styrene	11.908	104	1490460	94.58	ug/l	100
70) Isopropylbenzene	12.192	105	2366822	94.07	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.450	83	736955	104.21	ug/l	98
72) 1,2,3-Trichloropropane	12.498	75	718180m	101.78	ug/l	
73) Bromobenzene	12.468	156	577523	94.56	ug/l	96
74) n-propylbenzene	12.535	91	2715131	97.48	ug/l	99
75) 2-Chlorotoluene	12.619	91	1575439	89.41	ug/l	98
76) 1,3,5-Trimethylbenzene	12.678	105	1963911	88.32	ug/l	99
77) t-1,4-Dichloro-2-butene	12.243	75	277158	111.71	ug/l	96
78) 4-Chlorotoluene	12.715	91	1632144	91.25	ug/l	99
79) tert-butylbenzene	12.938	119	1679937	90.53	ug/l	100
80) 1,2,4-Trimethylbenzene	12.983	105	1957479	89.76	ug/l	100
81) sec-Butylbenzene	13.115	105	2251792	96.16	ug/l	99
82) p-Isopropyltoluene	13.233	119	2046643	93.36	ug/l	99
83) 1,3-Dichlorobenzene	13.225	146	1017977	97.26	ug/l	100
84) 1,4-Dichlorobenzene	13.308	146	1011748	99.44	ug/l	99
85) n-Butylbenzene	13.557	91	1755384	100.10	ug/l	98
86) Hexachloroethane	13.815	117	370810	103.67	ug/l	99
87) 1,2-Dichlorobenzene	13.595	146	1002841	97.17	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	14.212	75	178354	107.79	ug/l	99
89) 1,2,4-Trichlorobenzene	14.850	180	682399	116.54	ug/l	98
90) Hexachlorobutadiene	14.949	225	335790	124.82	ug/l	99
91) Naphthalene	15.070	128	2035176	118.03	ug/l	100
92) 1,2,3-Trichlorobenzene	15.247	180	665201	113.06	ug/l	99

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

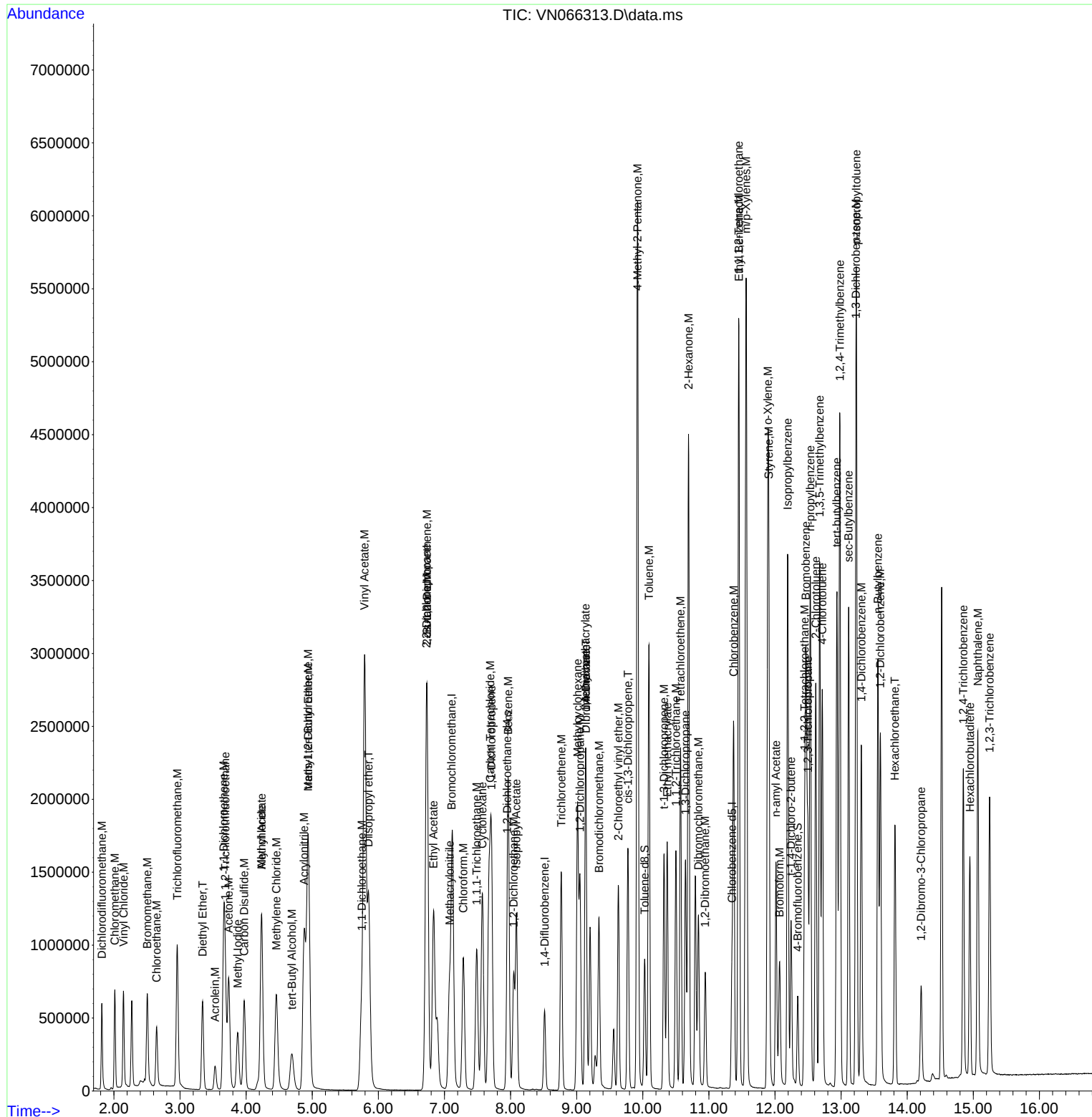
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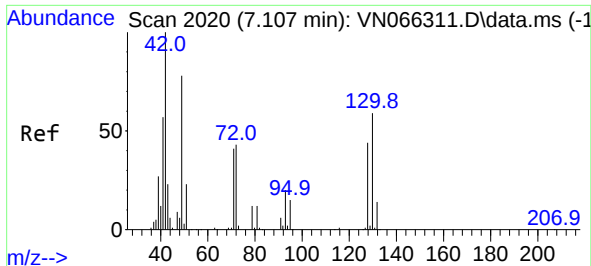
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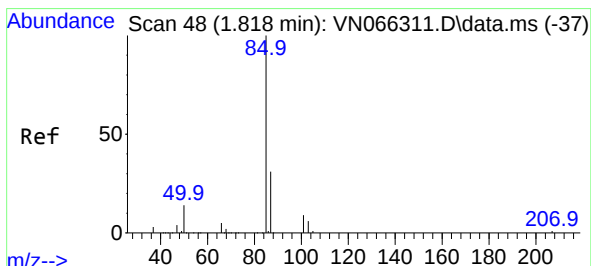
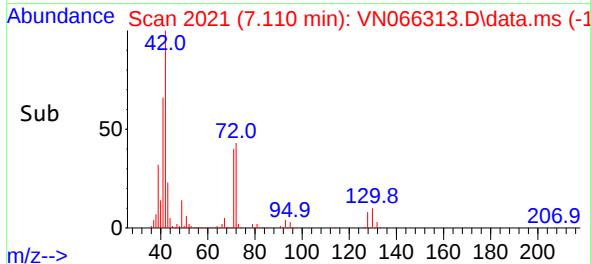
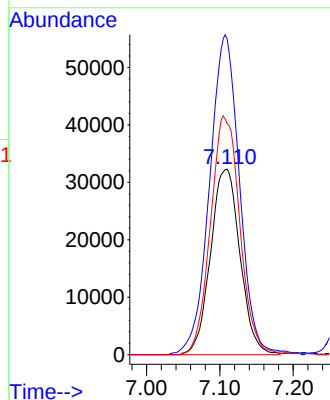
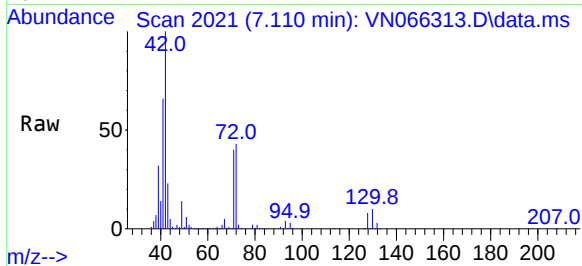
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Bromochloromethane
Concen: 30.00 ug/l
RT: 7.110 min Scan# 2021
Delta R.T. 0.003 min
Lab File: VN066313.D
Acq: 24 Mar 2021 15:40

Tgt Ion:128 Resp: 90198
Ion Ratio Lower Upper
128 100
49 174.4 0.0 429.3
130 128.4 0.0 328.5

Instrument :
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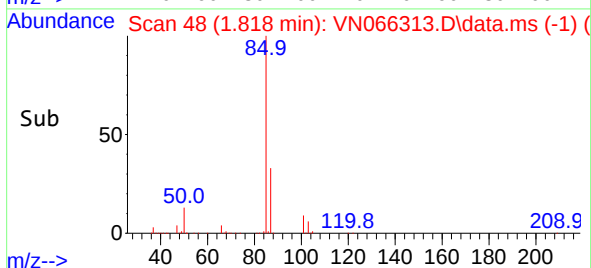
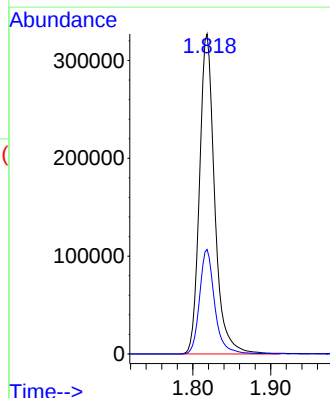
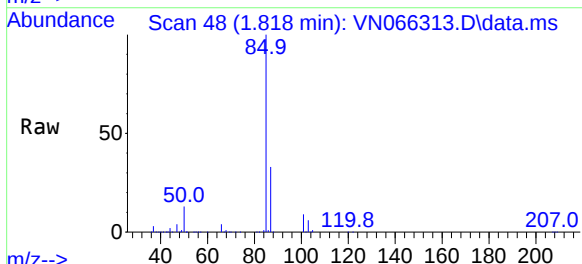
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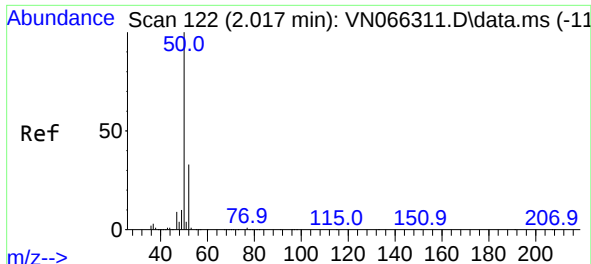
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#2
Dichlorodifluoromethane
Concen: 95.87 ug/l
RT: 1.818 min Scan# 48
Delta R.T. 0.000 min
Lab File: VN066313.D
Acq: 24 Mar 2021 15:40

Tgt Ion: 85 Resp: 443421
Ion Ratio Lower Upper
85 100
87 32.6 15.4 46.4





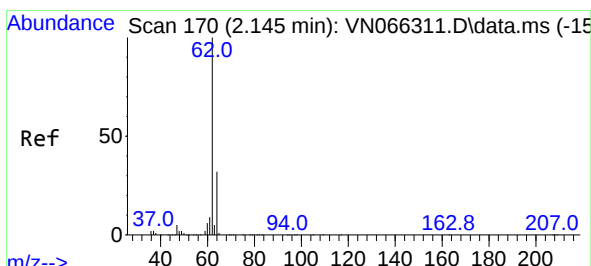
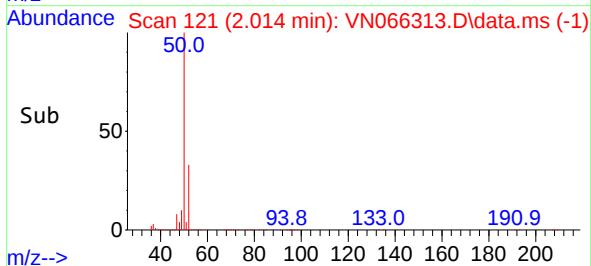
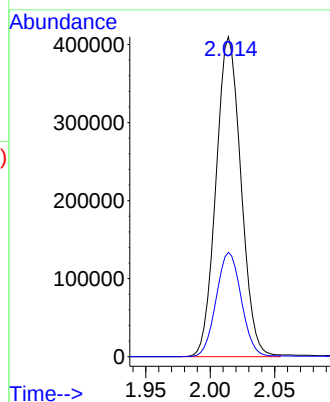
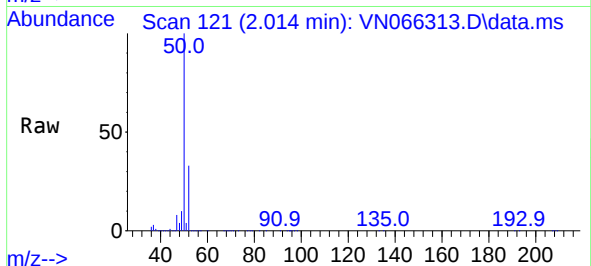
#3
Chloromethane
Concen: 90.88 ug/l
RT: 2.014 min Scan# 121
Delta R.T. -0.003 min
Lab File: VN066313.D
Acq: 24 Mar 2021 15:40

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Tgt Ion: 50 Resp: 553031
Ion Ratio Lower Upper
50 100
52 32.6 26.2 39.4

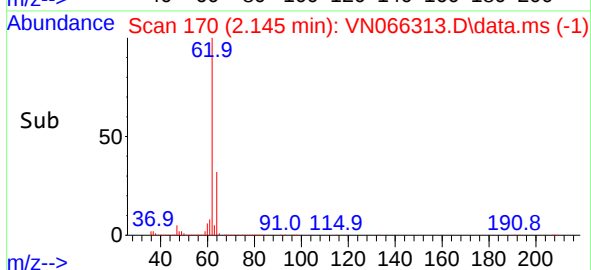
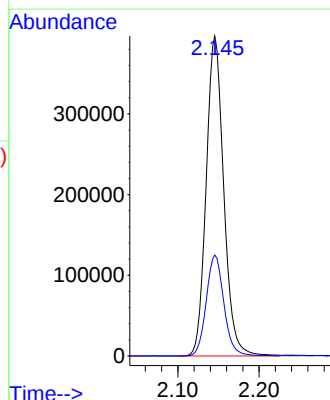
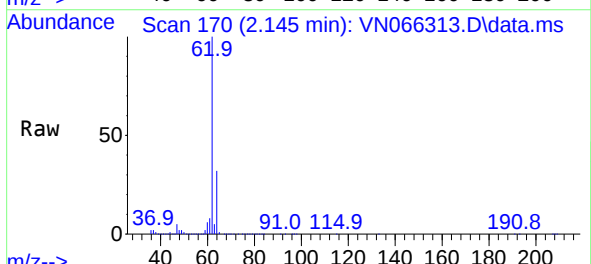
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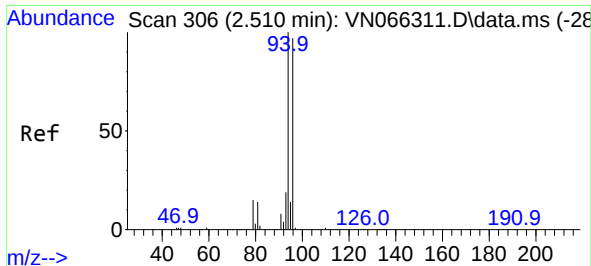
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#4
Vinyl Chloride
Concen: 92.95 ug/l
RT: 2.145 min Scan# 170
Delta R.T. 0.000 min
Lab File: VN066313.D
Acq: 24 Mar 2021 15:40

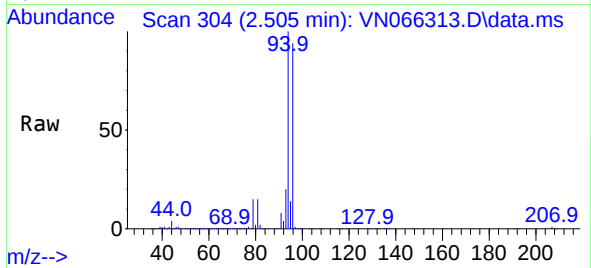
Tgt Ion: 62 Resp: 595072
Ion Ratio Lower Upper
62 100
64 31.6 25.8 38.6





#5
Bromomethane
Concen: 95.24 ug/l
RT: 2.505 min Scan# 304
Delta R.T. -0.005 min
Lab File: VN066313.D
Acq: 24 Mar 2021 15:40

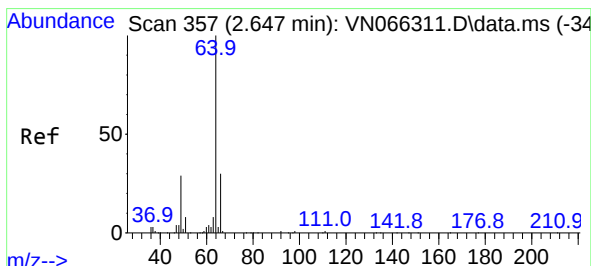
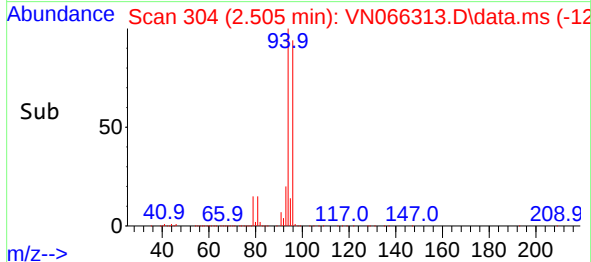
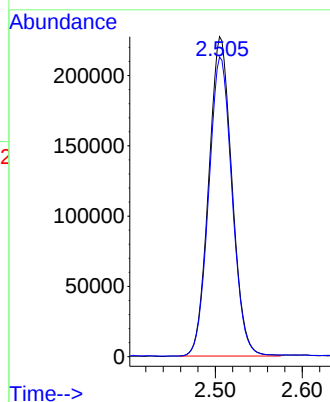
Instrument :
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Tgt Ion: 94 Resp: 422215
Ion Ratio Lower Upper
94 100
96 93.6 77.8 116.8

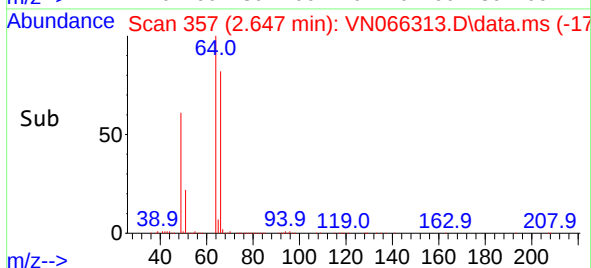
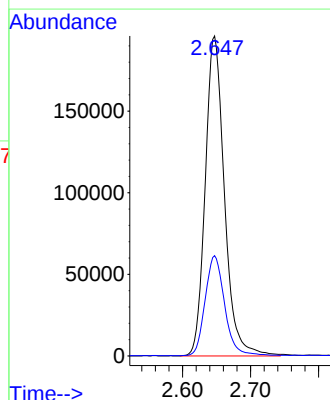
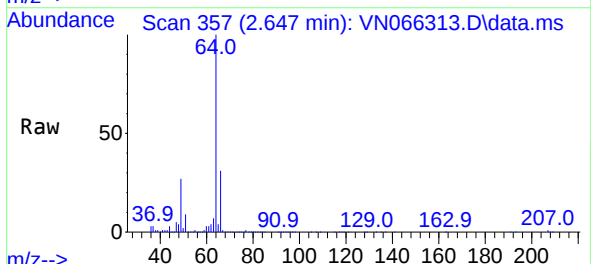
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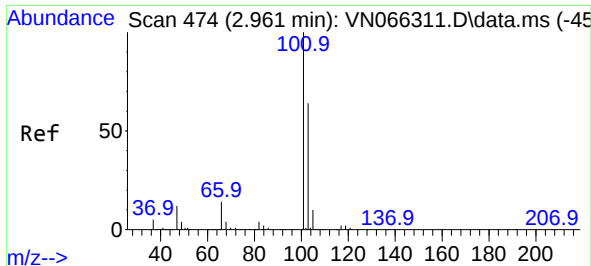
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#6
Chloroethane
Concen: 100.79 ug/l
RT: 2.647 min Scan# 357
Delta R.T. 0.000 min
Lab File: VN066313.D
Acq: 24 Mar 2021 15:40

Tgt Ion: 64 Resp: 385345
Ion Ratio Lower Upper
64 100
66 31.2 24.2 36.4





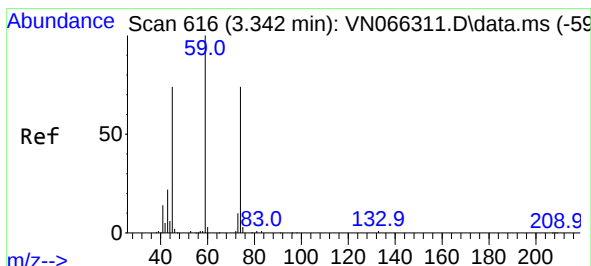
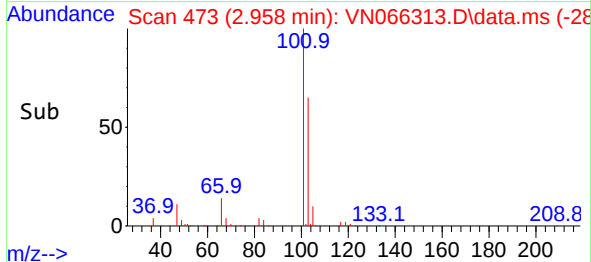
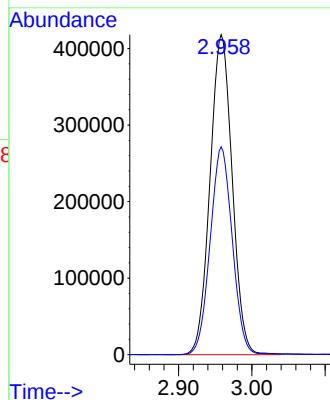
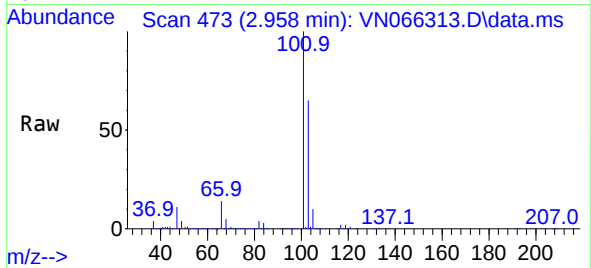
#7
Trichlorofluoromethane
Concen: 91.69 ug/l
RT: 2.958 min Scan# 473
Delta R.T. -0.003 min
Lab File: VN066313.D
Acq: 24 Mar 2021 15:40

Tgt Ion:101 Resp: 878661
Ion Ratio Lower Upper
101 100
103 64.9 51.6 77.4

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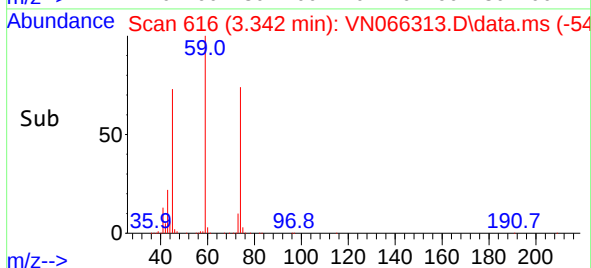
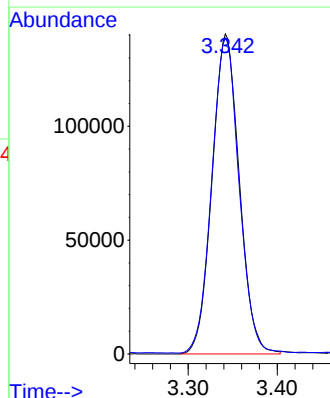
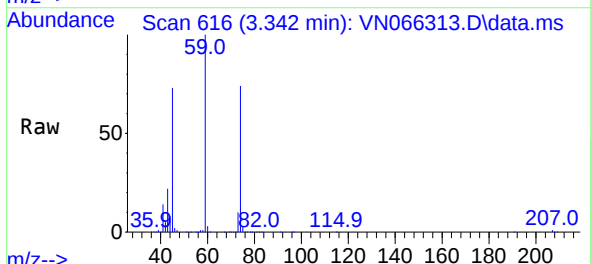
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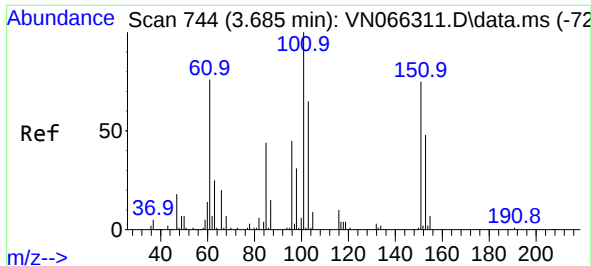
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#8
Diethyl Ether
Concen: 91.00 ug/l
RT: 3.342 min Scan# 616
Delta R.T. 0.000 min
Lab File: VN066313.D
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Tgt Ion: 74 Resp: 298000
Ion Ratio Lower Upper
74 100
45 98.7 19.5 175.9





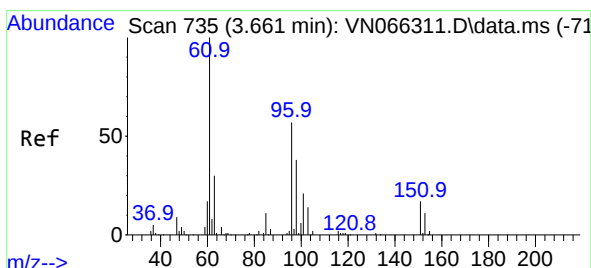
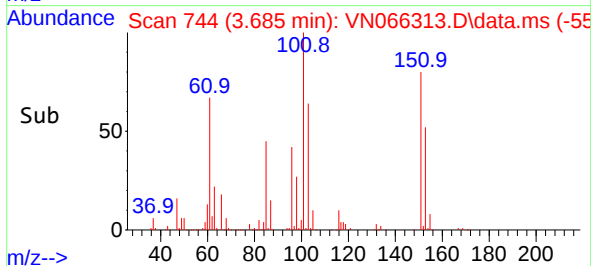
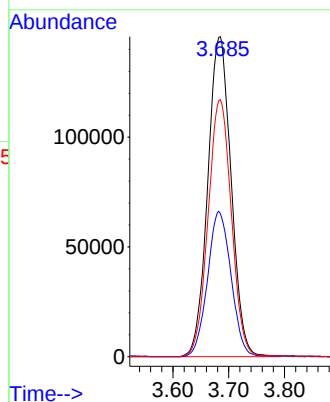
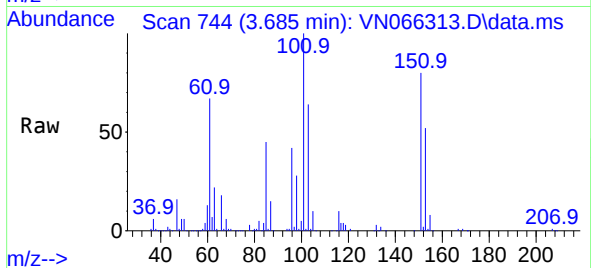
#9
1,1,2-Trichlorotrifluoroethane
Concen: 102.01 ug/l
RT: 3.685 min Scan# 744
Delta R.T. 0.000 min
Lab File: VN066313.D
Acq: 24 Mar 2021 15:40

Tgt Ion: 101 Resp: 424186
Ion Ratio Lower Upper
101 100
85 45.6 0.0 90.6
151 80.0 0.0 159.0

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ClientSampleId :
VSTDIC100

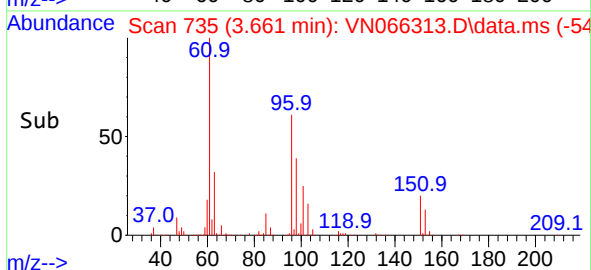
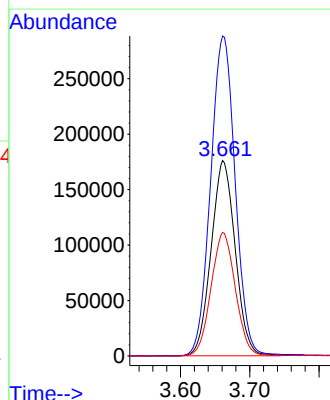
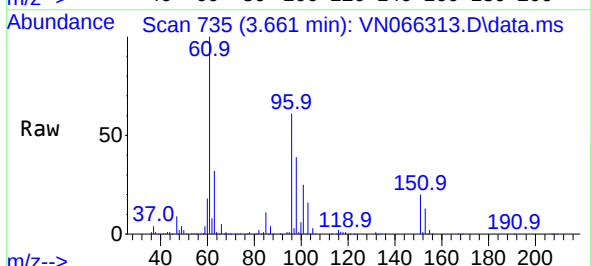
Manual Integrations
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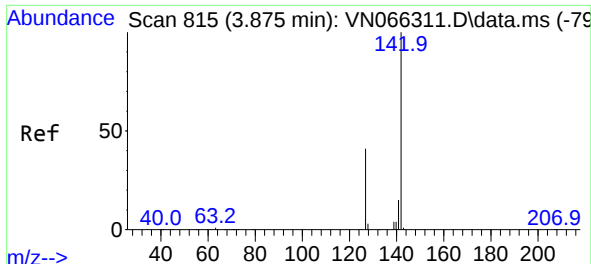
MMDadoda
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#10
1,1-Dichloroethene
Concen: 93.28 ug/l
RT: 3.661 min Scan# 735
Delta R.T. 0.000 min
Lab File: VN066313.D
Acq: 24 Mar 2021 15:40

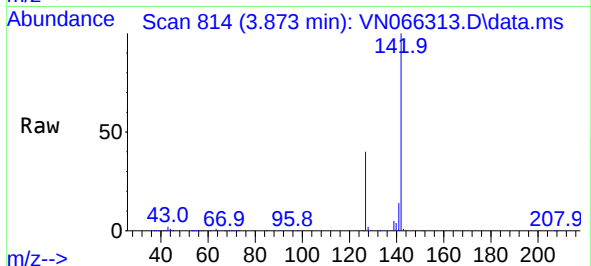
Tgt Ion: 96 Resp: 425816
Ion Ratio Lower Upper
96 100
61 163.8 139.6 209.4
98 63.2 53.7 80.5





#11
Methyl Iodide
Concen: 90.85 ug/l
RT: 3.873 min Scan# 814
Delta R.T. -0.003 min
Lab File: VN066313.D
Acq: 24 Mar 2021 15:40

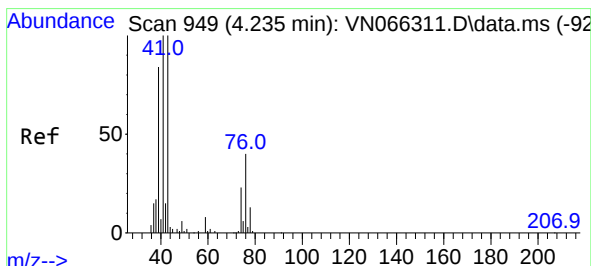
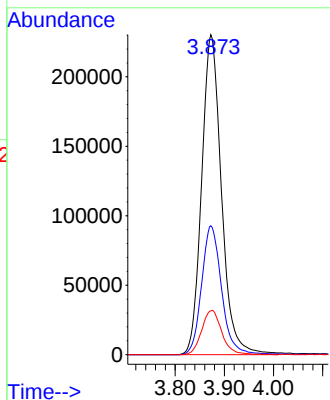
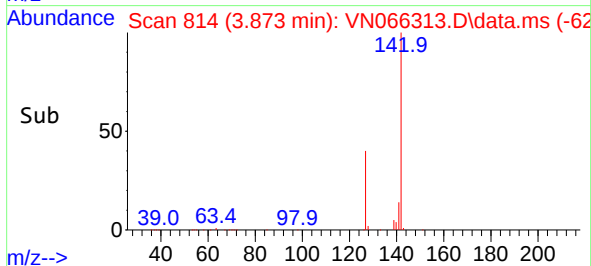
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



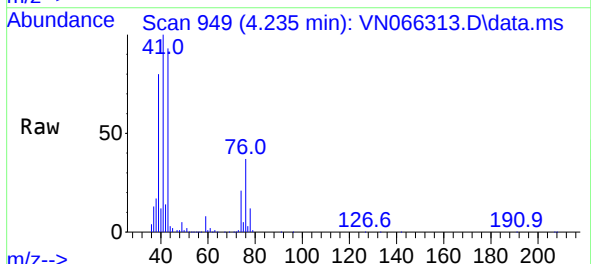
Tgt Ion:142 Resp: 644475
Ion Ratio Lower Upper
142 100
127 40.3 20.5 61.6
141 13.7 7.4 22.3

Manual Integrations
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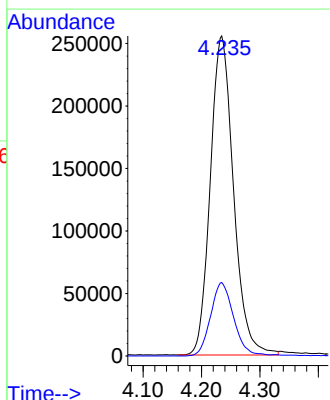
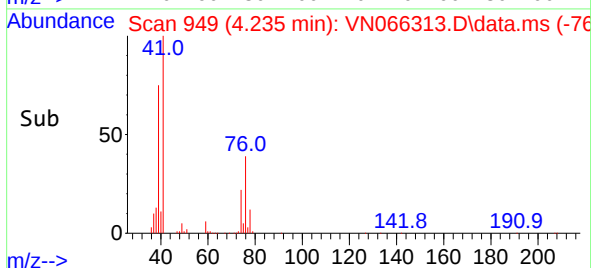
MMDadoda
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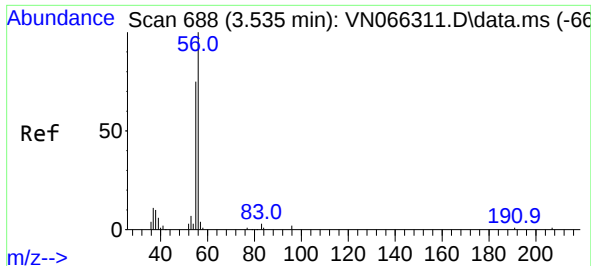


#12
Methyl Acetate
Concen: 130.08 ug/l
RT: 4.235 min Scan# 949
Delta R.T. 0.000 min
Lab File: VN066313.D
Acq: 24 Mar 2021 15:40



Tgt Ion: 43 Resp: 705107
Ion Ratio Lower Upper
43 100
74 23.0 18.0 27.0





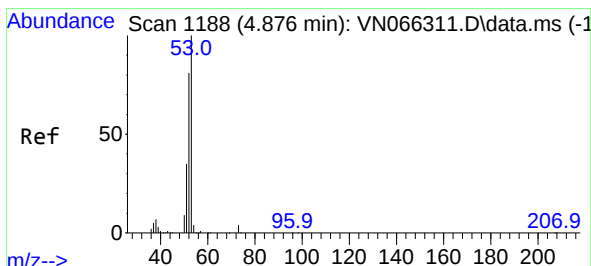
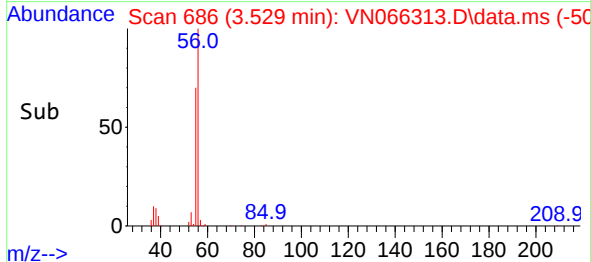
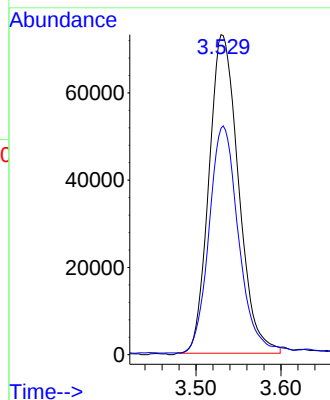
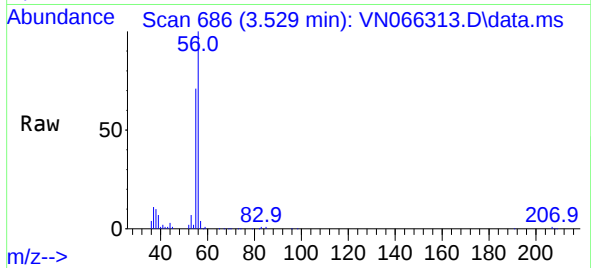
#13
Acrolein
Concen: 229.49 ug/l
RT: 3.529 min Scan# 686
Delta R.T. -0.005 min
Lab File: VN066313.D
Acq: 24 Mar 2021 15:40

Tgt Ion: 56 Resp: 176741
Ion Ratio Lower Upper
56 100
55 70.4 54.1 81.1

Instrument :
MSVOA_N
ClientSampleId :
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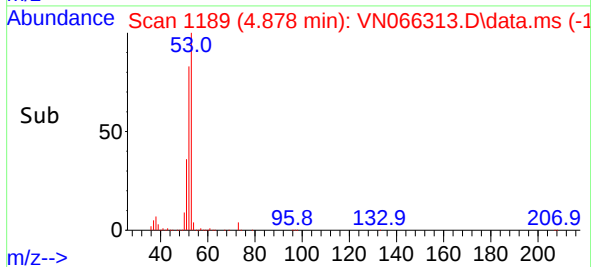
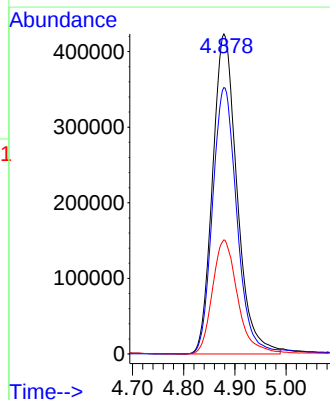
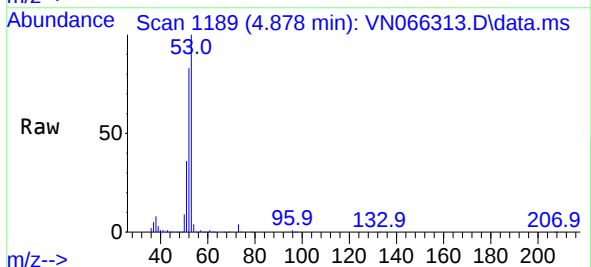
Manual Integrations
APPROVED

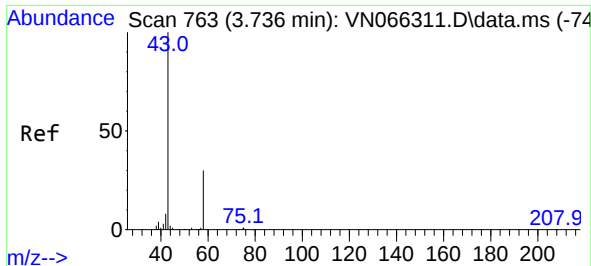
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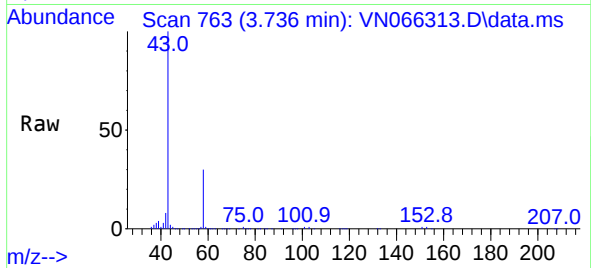
#14
Acrylonitrile
Concen: 559.93 ug/l
RT: 4.878 min Scan# 1189
Delta R.T. 0.003 min
Lab File: VN066313.D
Acq: 24 Mar 2021 15:40

Tgt Ion: 53 Resp: 1406057
Ion Ratio Lower Upper
53 100
52 83.2 41.0 123.0
51 36.6 17.8 53.4

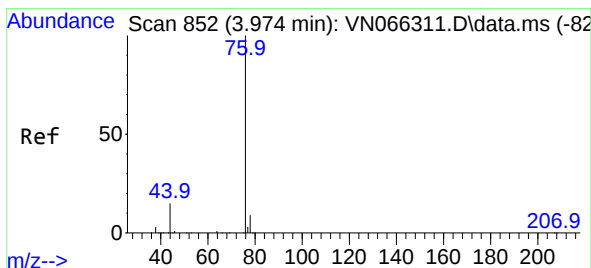
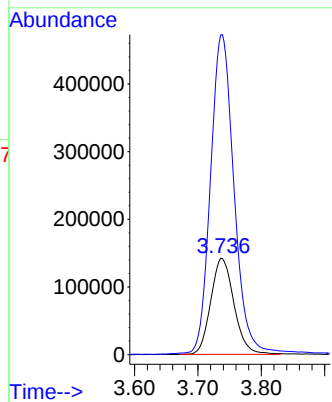
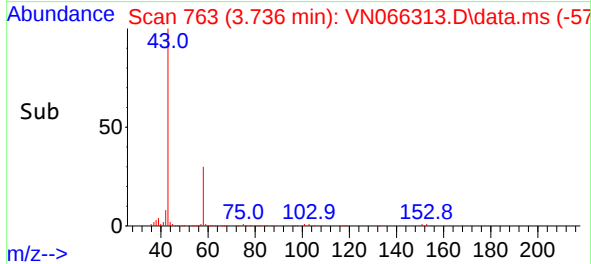




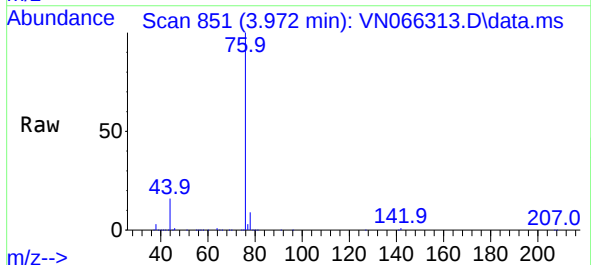
#15
Acetone
Concen: 506.89 ug/l
RT: 3.736 min Scan# 763
Delta R.T. 0.000 min
Lab File: VN066313.D
Acq: 24 Mar 2021 15:40



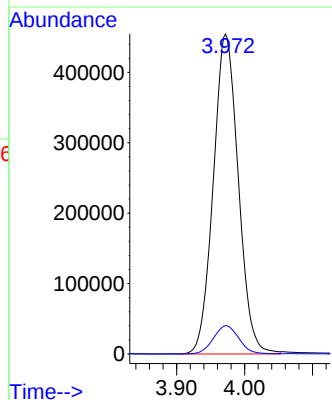
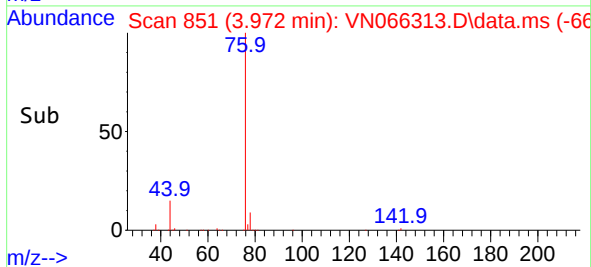
Tgt Ion: 58 Resp: 362189
Ion Ratio Lower Upper
58 100
43 330.5 267.3 400.9



#16
Carbon Disulfide
Concen: 87.10 ug/l
RT: 3.972 min Scan# 851
Delta R.T. -0.003 min
Lab File: VN066313.D
Acq: 24 Mar 2021 15:40



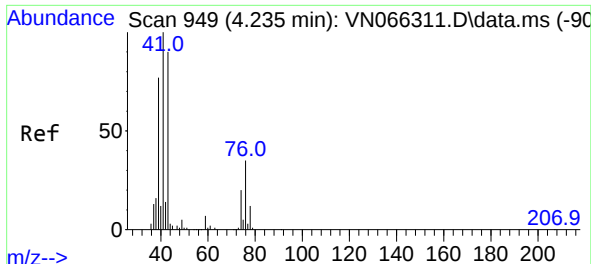
Tgt Ion: 76 Resp: 1161784
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.6



Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

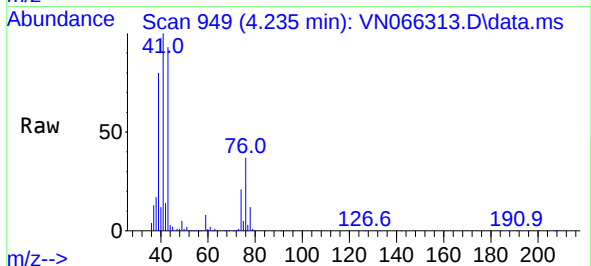
Manual Integrations
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#17
Allyl chloride
Concen: 98.68 ug/l
RT: 4.235 min Scan# 949
Delta R.T. 0.000 min
Lab File: VN066313.D
Acq: 24 Mar 2021 15:40

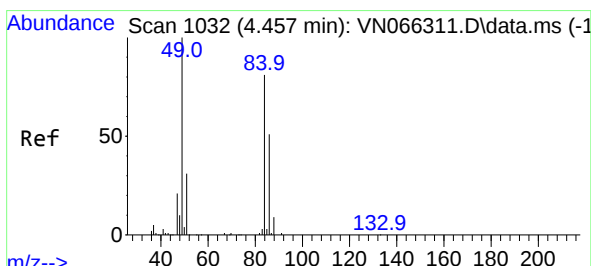
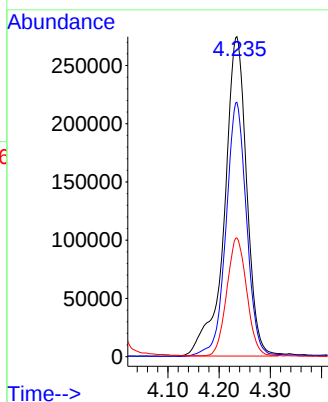
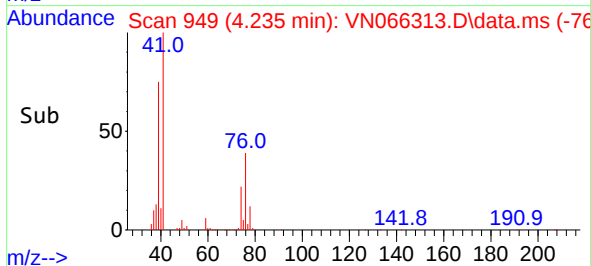
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



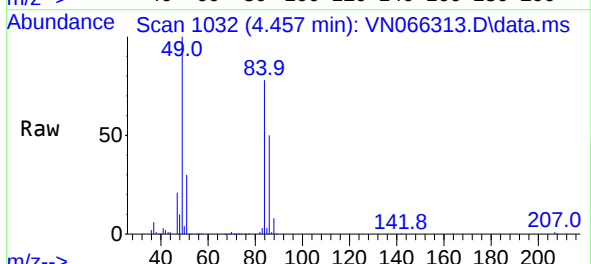
Tgt Ion: 41 Resp: 830715
Ion Ratio Lower Upper
41 100
39 79.5 38.6 116.0
76 36.8 17.6 52.8

Manual Integrations
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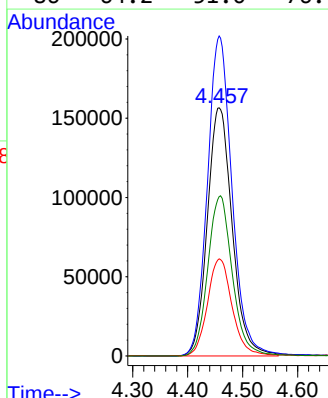
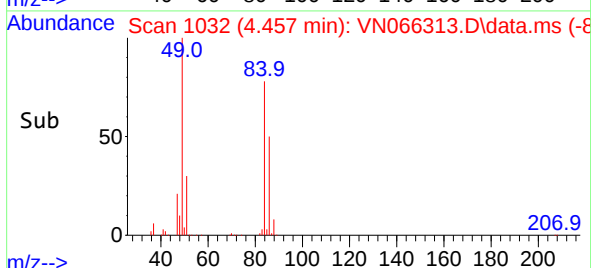
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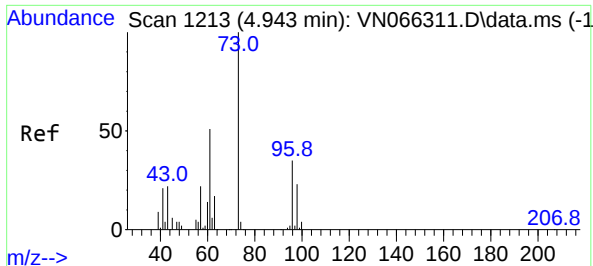


#18
Methylene Chloride
Concen: 87.26 ug/l
RT: 4.457 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VN066313.D
Acq: 24 Mar 2021 15:40



Tgt Ion: 84 Resp: 492844
Ion Ratio Lower Upper
84 100
49 128.8 98.9 148.3
51 39.0 30.8 46.2
86 64.2 51.0 76.4





#19

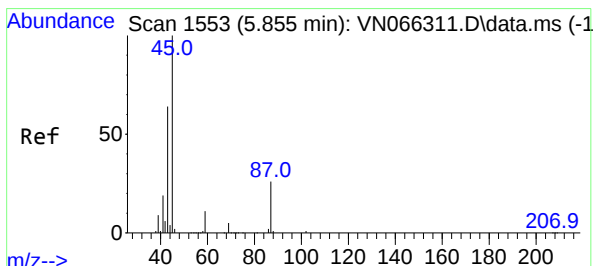
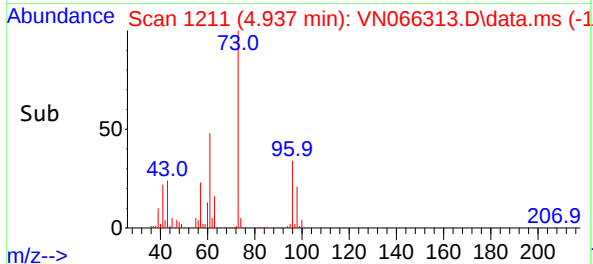
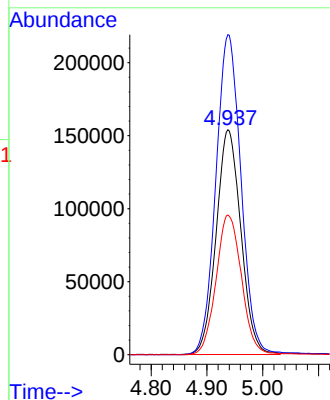
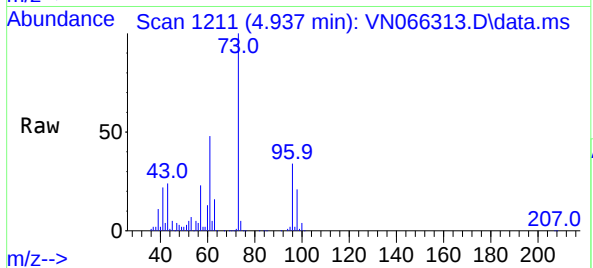
trans-1,2-Dichloroethene
Concen: 91.66 ug/l
RT: 4.937 min Scan# 1211
Delta R.T. -0.005 min
Lab File: VN066313.D
Acq: 24 Mar 2021 15:40

Tgt Ion: 96 Resp: 474960
Ion Ratio Lower Upper
96 100
61 142.4 113.4 170.0
98 62.2 51.0 76.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Manual Integrations
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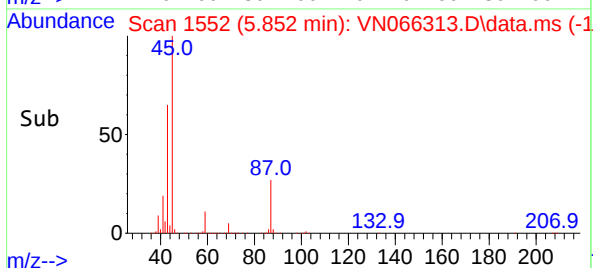
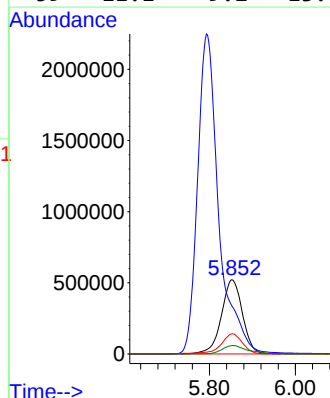
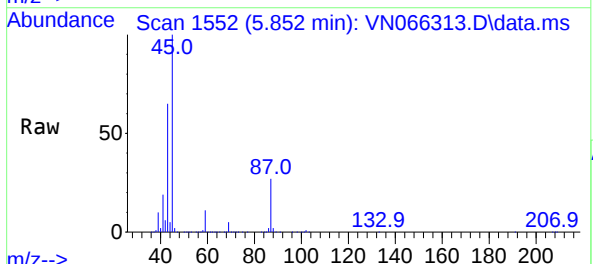
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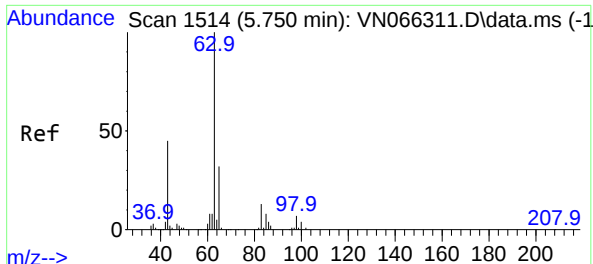


#20

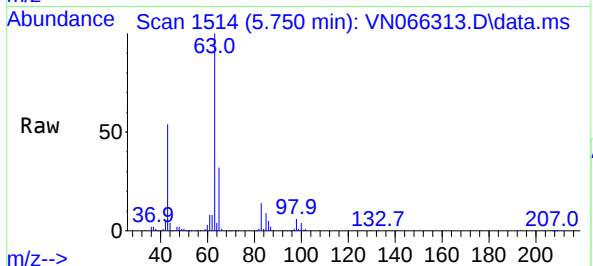
Diisopropyl ether
Concen: 107.09 ug/l
RT: 5.852 min Scan# 1552
Delta R.T. -0.003 min
Lab File: VN066313.D
Acq: 24 Mar 2021 15:40

Tgt Ion: 45 Resp: 1772367
Ion Ratio Lower Upper
45 100
43 63.8 51.4 77.2
87 27.0 21.4 32.0
59 11.1 9.2 13.8

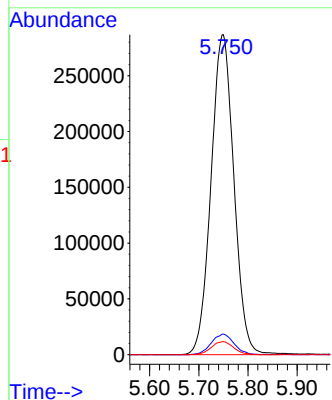




#21
1,1-Dichloroethane
Concen: 91.70 ug/l
RT: 5.750 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN066313.D
Acq: 24 Mar 2021 15:40



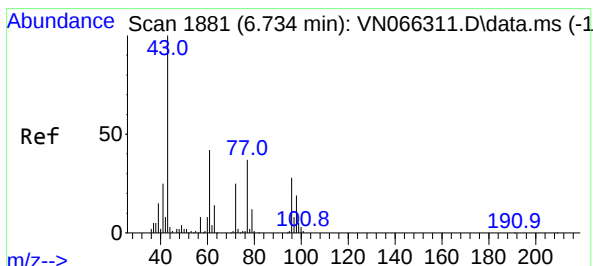
Tgt Ion: 63 Resp: 926164
Ion Ratio Lower Upper
63 100
98 6.5 3.3 9.9
100 4.0 1.9 5.7



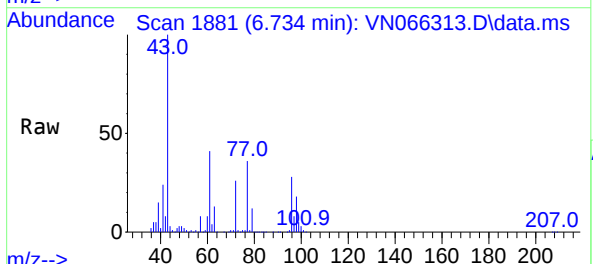
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

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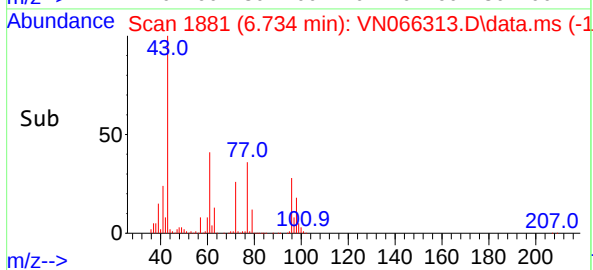
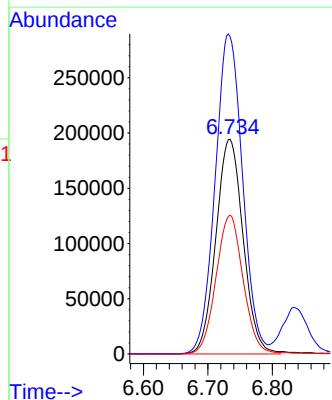
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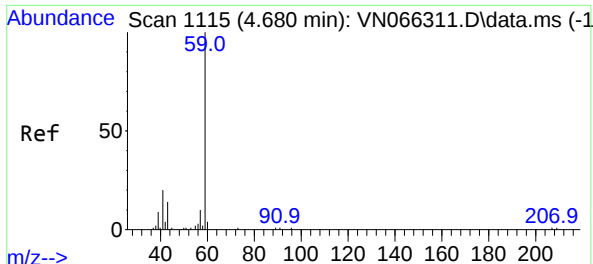


#22
cis-1,2-Dichloroethene
Concen: 90.29 ug/l
RT: 6.734 min Scan# 1881
Delta R.T. 0.000 min
Lab File: VN066313.D
Acq: 24 Mar 2021 15:40



Tgt Ion: 96 Resp: 570754
Ion Ratio Lower Upper
96 100
61 150.2 119.4 179.0
98 64.4 51.5 77.3





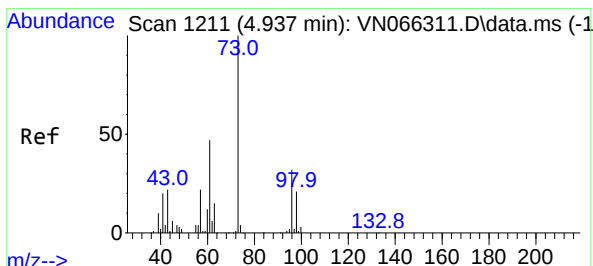
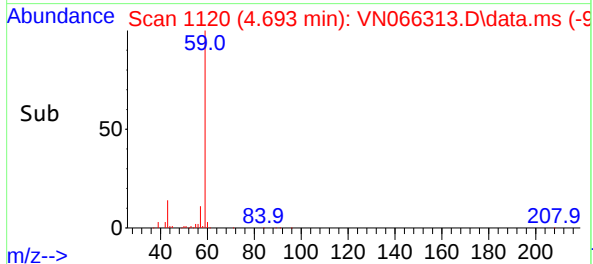
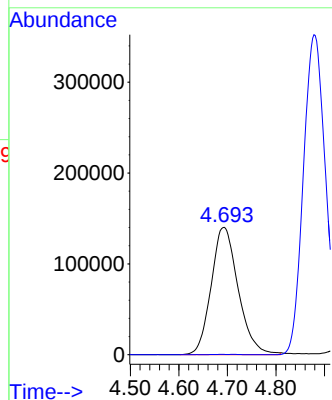
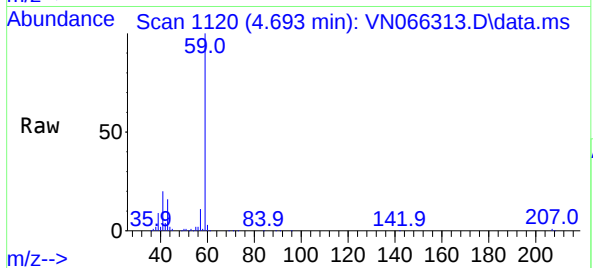
#23
tert-Butyl Alcohol
Concen: 492.94 ug/l
RT: 4.693 min Scan# 1120
Delta R.T. 0.013 min
Lab File: VN066313.D
Acq: 24 Mar 2021 15:40

Tgt Ion: 59 Resp: 543610
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1#

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

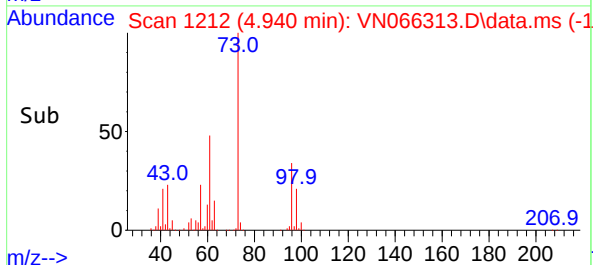
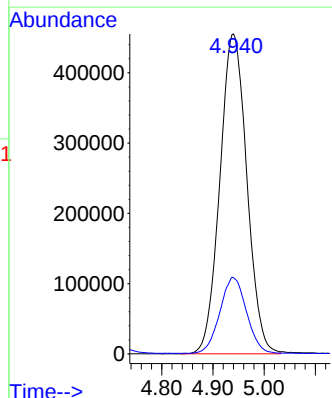
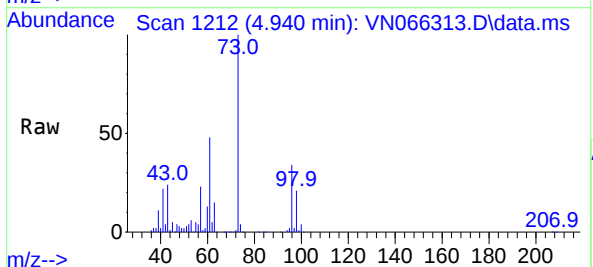
Manual Integrations
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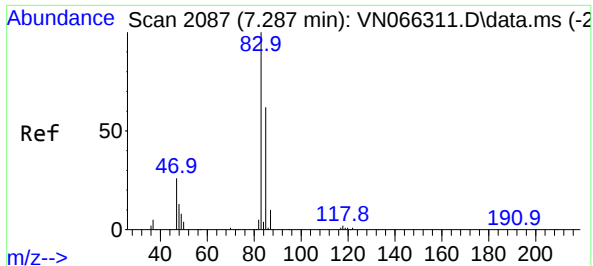
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#24
Methyl tert-Butyl Ether
Concen: 90.51 ug/l
RT: 4.940 min Scan# 1212
Delta R.T. 0.003 min
Lab File: VN066313.D
Acq: 24 Mar 2021 15:40

Tgt Ion: 73 Resp: 1666232
Ion Ratio Lower Upper
73 100
43 23.3 18.5 27.7





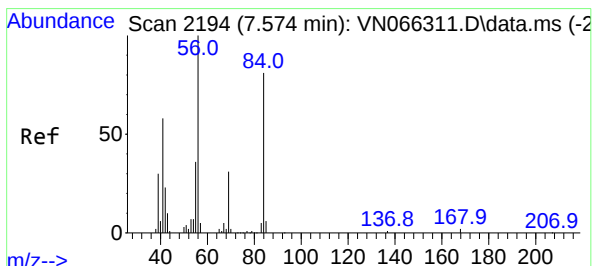
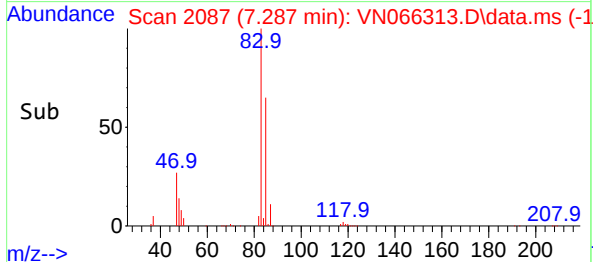
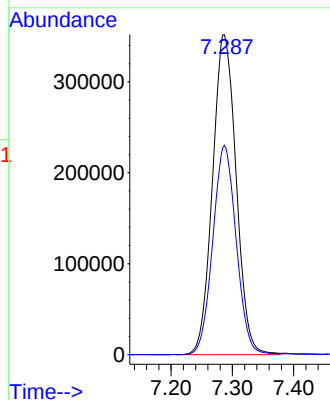
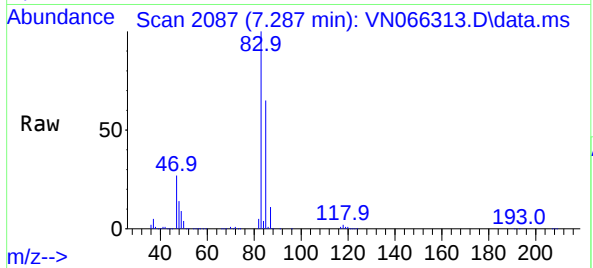
#25
Chloroform
Concen: 87.26 ug/l
RT: 7.287 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VN066313.D
Acq: 24 Mar 2021 15:40

Tgt Ion: 83 Resp: 942646
Ion Ratio Lower Upper
83 100
85 65.5 49.4 74.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

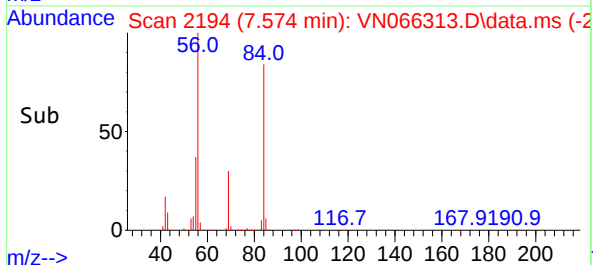
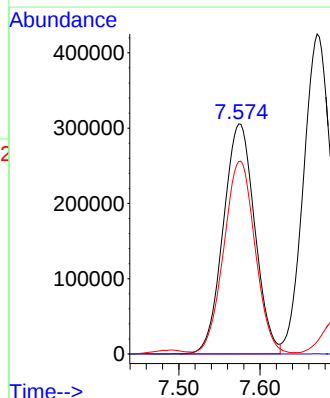
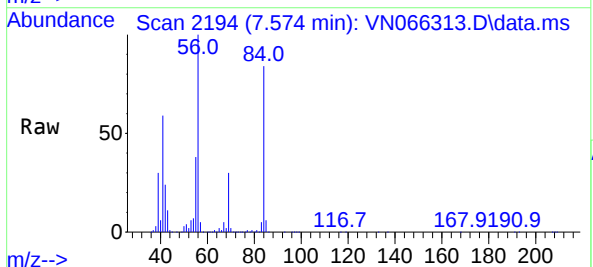
Manual Integrations
APPROVED

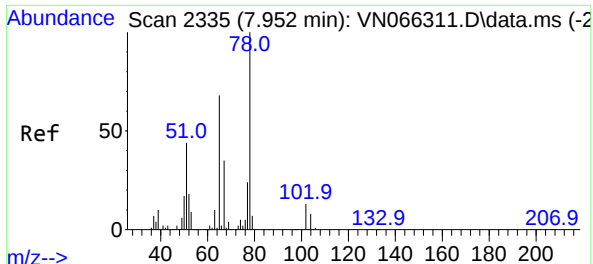
MMDadoda
3/30/2021 10:41:17 AM



#26
Cyclohexane
Concen: 103.25 ug/l
RT: 7.574 min Scan# 2194
Delta R.T. 0.000 min
Lab File: VN066313.D
Acq: 24 Mar 2021 15:40

Tgt Ion: 56 Resp: 822361
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 83.8 65.4 98.2





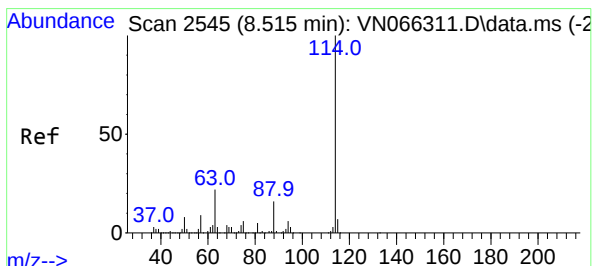
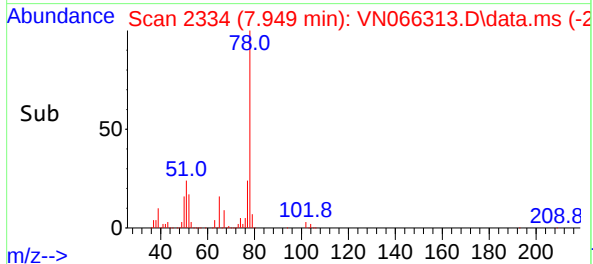
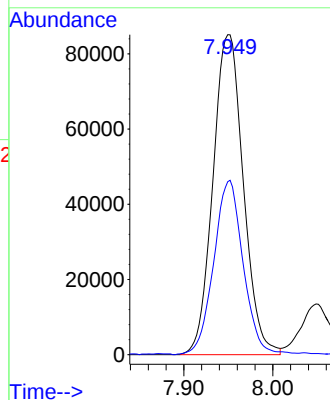
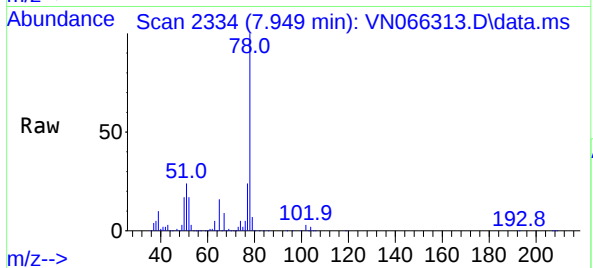
#27
1,2-Dichloroethane-d4
Concen: 26.36 ug/l
RT: 7.949 min Scan# 2334
Delta R.T. -0.003 min
Lab File: VN066313.D
Acq: 24 Mar 2021 15:40

Tgt Ion: 65 Resp: 202324
Ion Ratio Lower Upper
65 100
67 52.4 42.2 63.4

Instrument :
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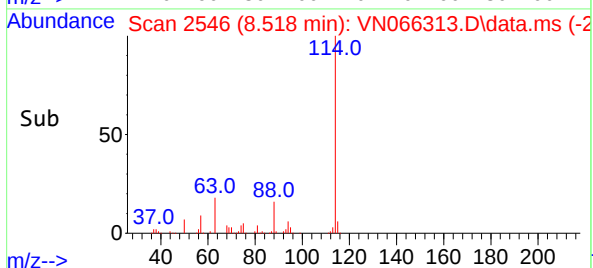
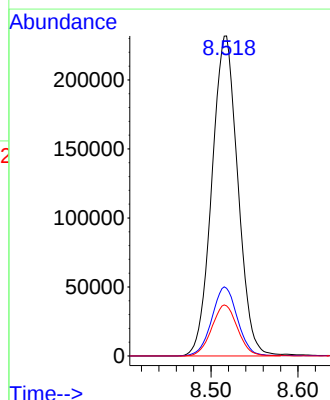
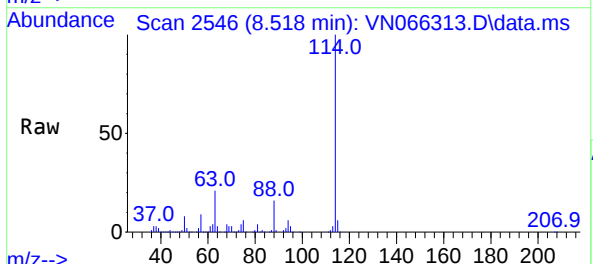
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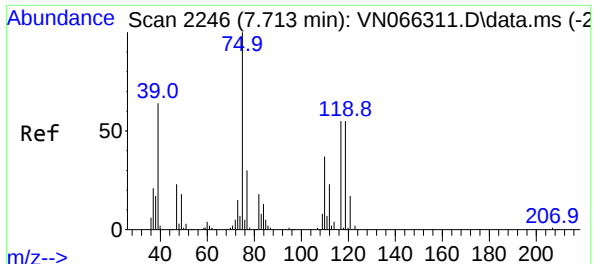
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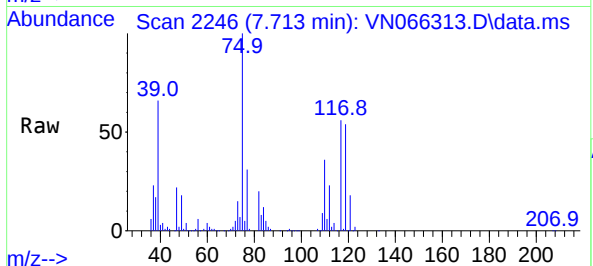
#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 8.518 min Scan# 2546
Delta R.T. 0.003 min
Lab File: VN066313.D
Acq: 24 Mar 2021 15:40

Tgt Ion:114 Resp: 480329
Ion Ratio Lower Upper
114 100
63 21.4 17.4 26.0
88 15.9 12.6 19.0

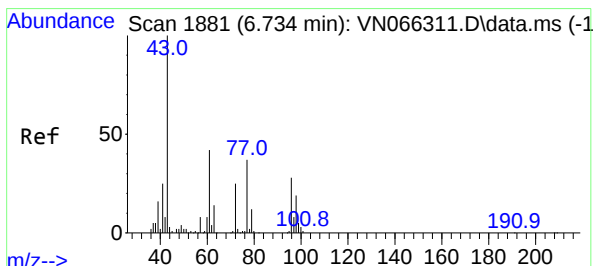
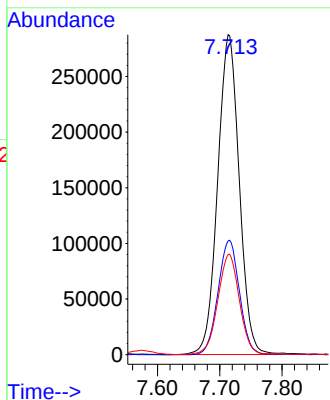
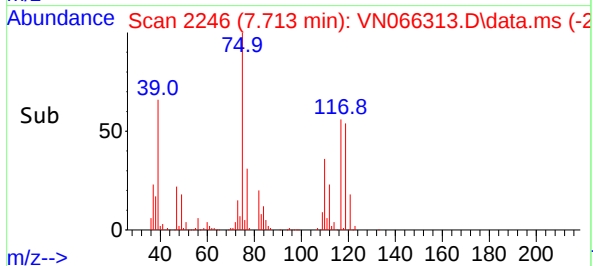




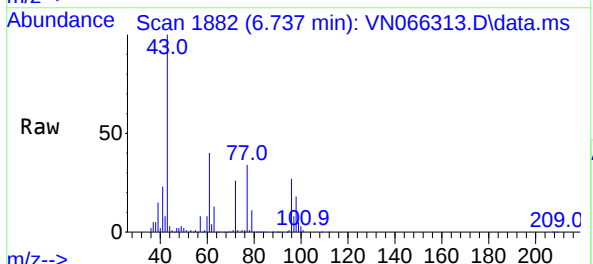
#29
1,1-Dichloropropene
Concen: 96.65 ug/l
RT: 7.713 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VN066313.D
Acq: 24 Mar 2021 15:40



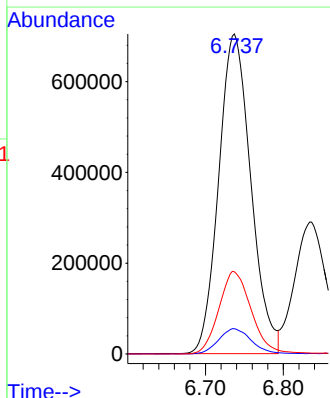
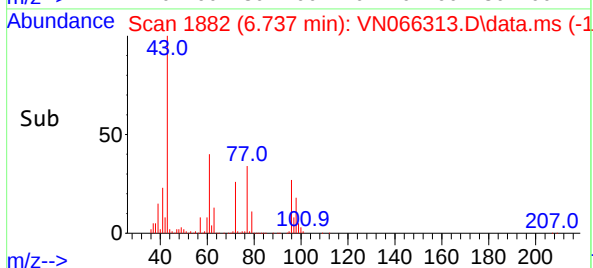
Tgt Ion: 75 Resp: 691692
Ion Ratio Lower Upper
75 100
110 35.6 0.0 69.4
77 31.2 0.0 60.6



#30
2-Butanone
Concen: 642.17 ug/l
RT: 6.737 min Scan# 1882
Delta R.T. 0.003 min
Lab File: VN066313.D
Acq: 24 Mar 2021 15:40



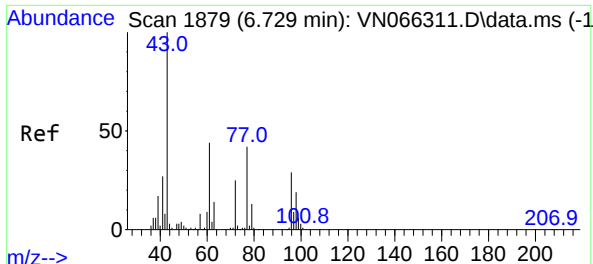
Tgt Ion: 43 Resp: 2017186
Ion Ratio Lower Upper
43 100
57 8.1 6.9 10.3
72 26.1 20.9 31.3



Instrument :
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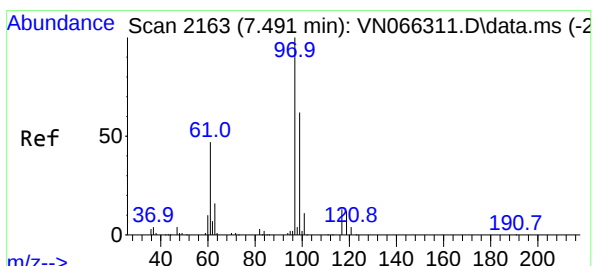
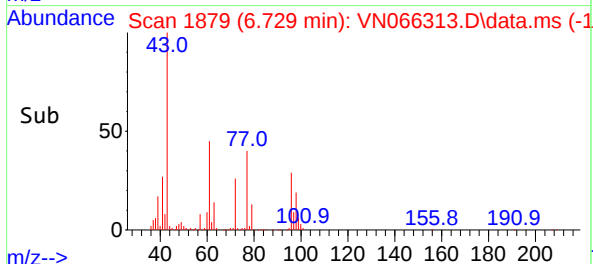
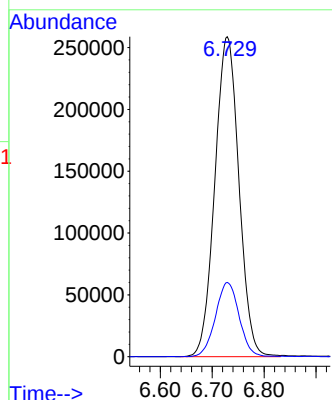
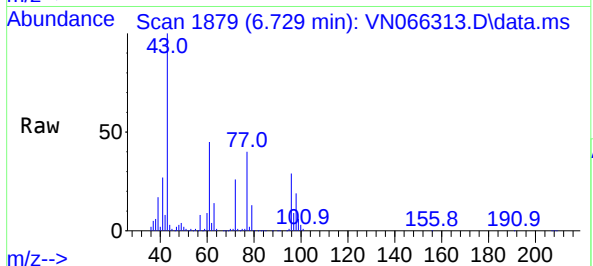
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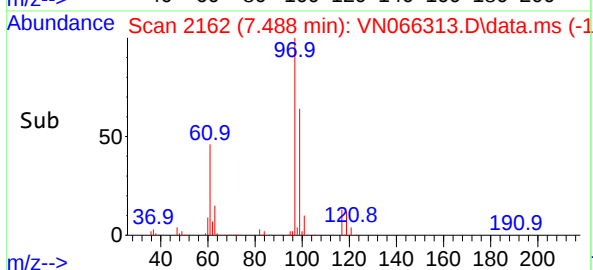
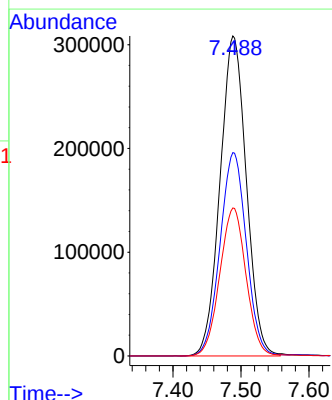
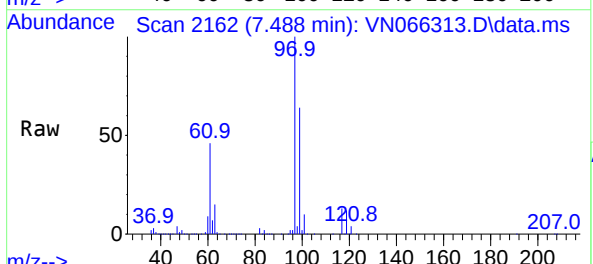
#31
2,2-Dichloropropane
Concen: 89.91 ug/l
RT: 6.729 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VN066313.D
Acq: 24 Mar 2021 15:40

Tgt Ion: 77 Resp: 832713
Ion Ratio Lower Upper
77 100
97 22.8 18.1 27.1



#32
1,1,1-Trichloroethane
Concen: 90.64 ug/l
RT: 7.488 min Scan# 2162
Delta R.T. -0.003 min
Lab File: VN066313.D
Acq: 24 Mar 2021 15:40

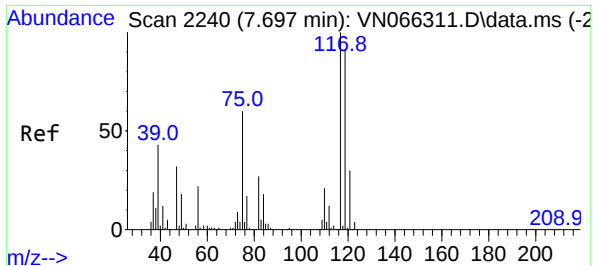
Tgt Ion: 97 Resp: 828195
Ion Ratio Lower Upper
97 100
99 63.8 50.7 76.1
61 46.2 37.6 56.4



Instrument :
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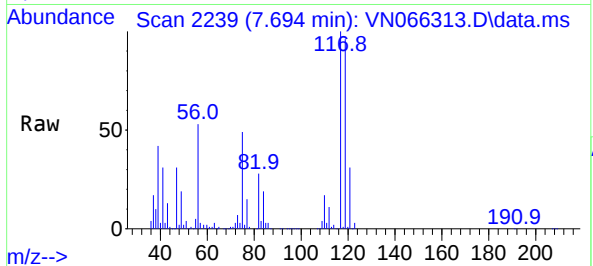
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#33
Carbon Tetrachloride
Concen: 90.63 ug/l
RT: 7.694 min Scan# 2239
Delta R.T. -0.003 min
Lab File: VN066313.D
Acq: 24 Mar 2021 15:40

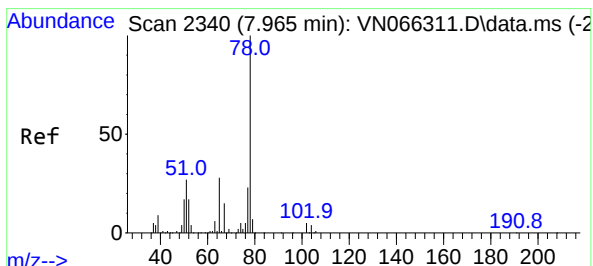
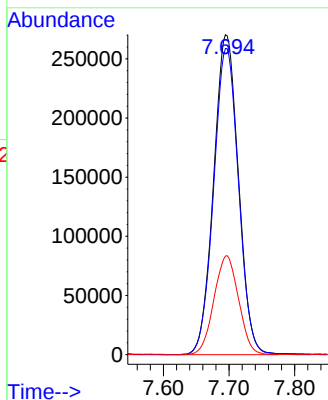
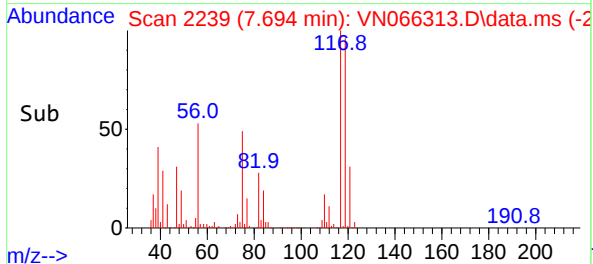
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



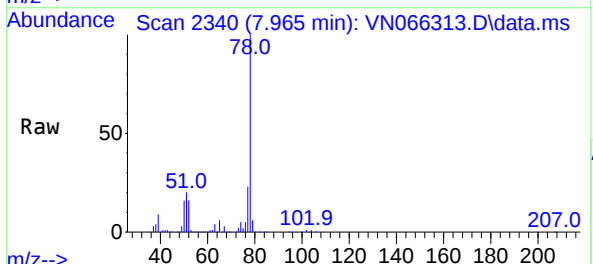
Tgt Ion:117 Resp: 709284
Ion Ratio Lower Upper
117 100
119 95.6 72.6 108.8
121 30.8 23.5 35.3

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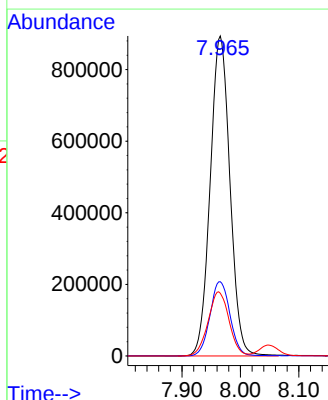
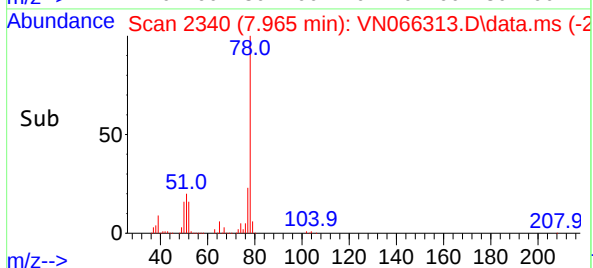
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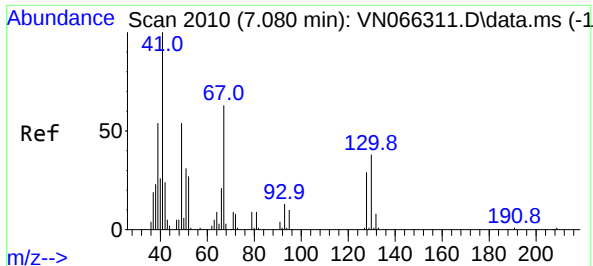


#34
Benzene
Concen: 96.43 ug/l
RT: 7.965 min Scan# 2340
Delta R.T. 0.000 min
Lab File: VN066313.D
Acq: 24 Mar 2021 15:40

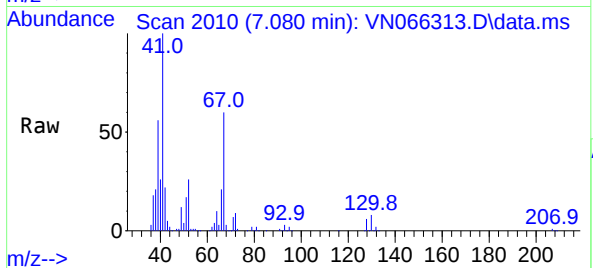


Tgt Ion: 78 Resp: 2098776
Ion Ratio Lower Upper
78 100
77 23.2 18.6 27.8
51 19.6 21.9 32.9#



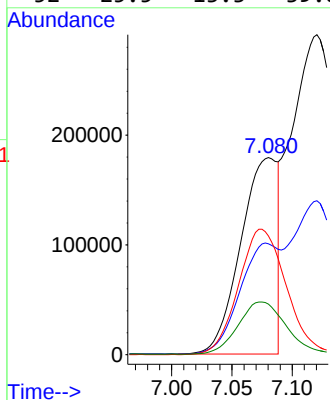


#35
Methacrylonitrile
Concen: 114.69 ug/l
RT: 7.080 min Scan# 2010
Delta R.T. 0.000 min
Lab File: VN066313.D
Acq: 24 Mar 2021 15:40



Tgt Ion: 41 Resp: 380410

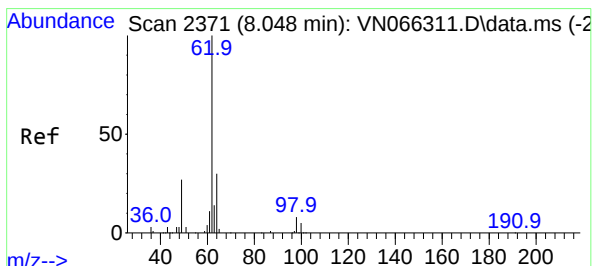
Ion	Ratio	Lower	Upper
41	100		
39	56.2	27.3	81.8
67	60.4	31.4	94.3
52	25.5	13.3	39.8



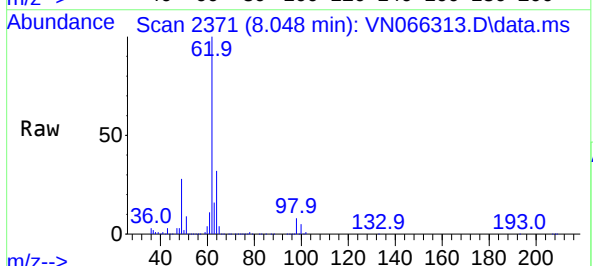
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

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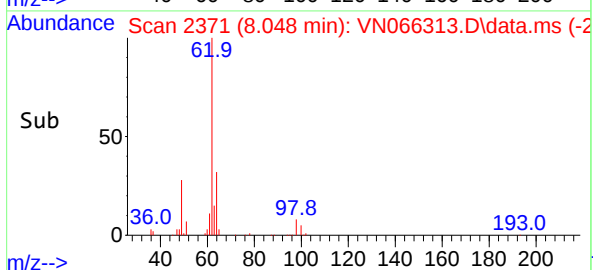
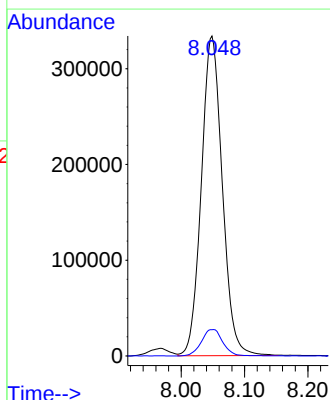


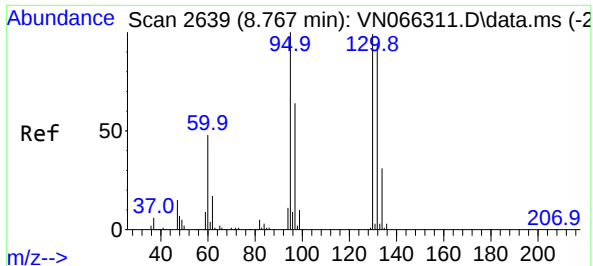
#36
1,2-Dichloroethane
Concen: 88.03 ug/l
RT: 8.048 min Scan# 2371
Delta R.T. 0.000 min
Lab File: VN066313.D
Acq: 24 Mar 2021 15:40



Tgt Ion: 62 Resp: 768369

Ion	Ratio	Lower	Upper
62	100		
98	8.5	6.9	10.3





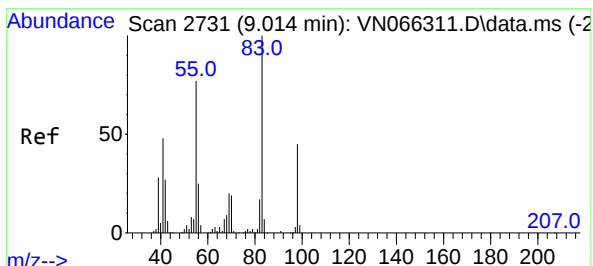
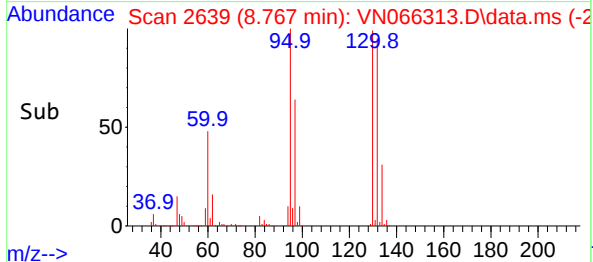
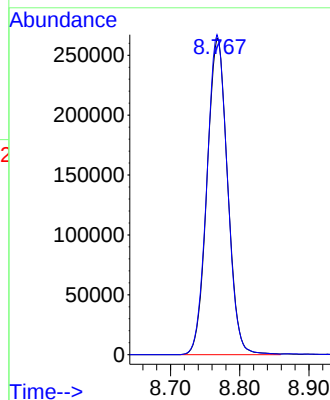
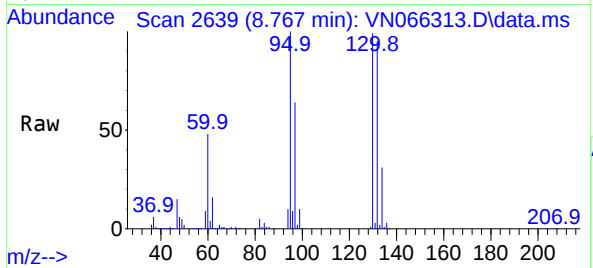
#37
Trichloroethene
Concen: 93.05 ug/l
RT: 8.767 min Scan# 2639
Delta R.T. 0.000 min
Lab File: VN066313.D
Acq: 24 Mar 2021 15:40

Tgt Ion:130 Resp: 545310
Ion Ratio Lower Upper
130 100
95 101.1 80.7 121.1

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

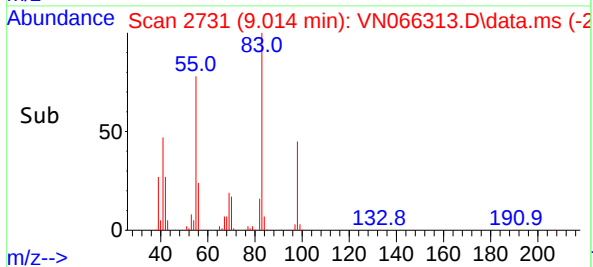
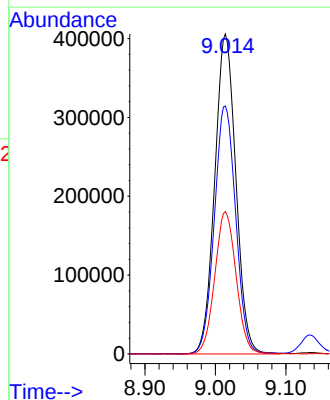
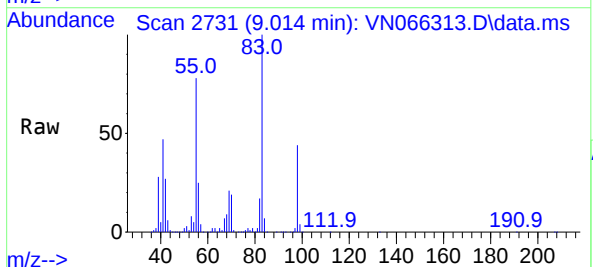
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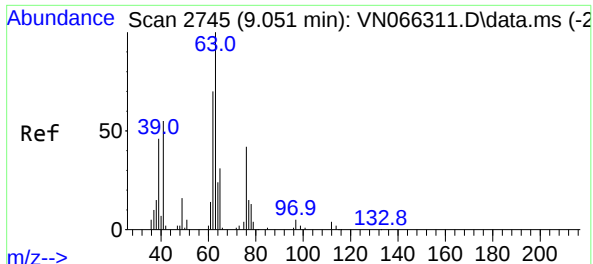
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#38
Methylcyclohexane
Concen: 106.89 ug/l
RT: 9.014 min Scan# 2731
Delta R.T. 0.000 min
Lab File: VN066313.D
Acq: 24 Mar 2021 15:40

Tgt Ion: 83 Resp: 846796
Ion Ratio Lower Upper
83 100
55 78.1 38.8 116.3
98 44.9 22.2 66.6





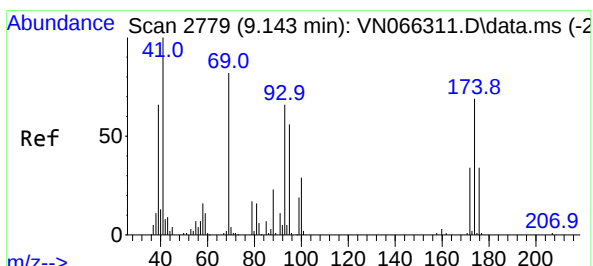
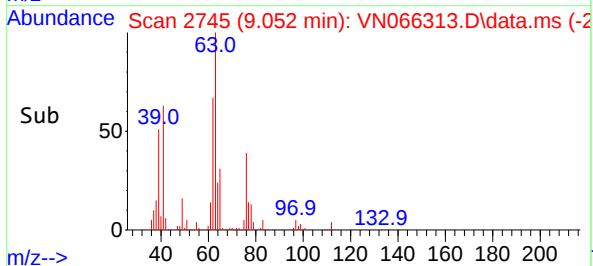
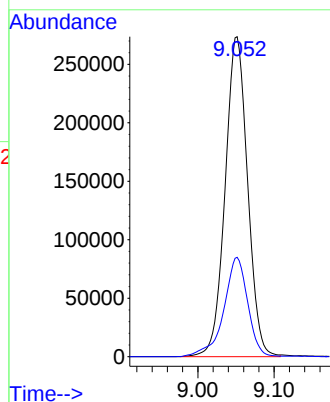
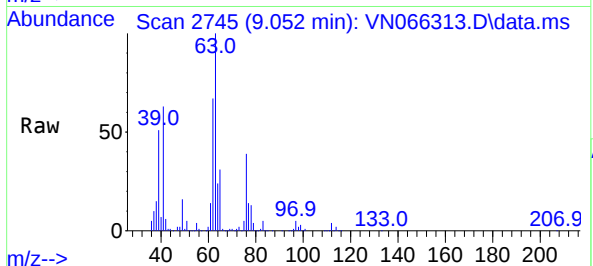
#39
1,2-Dichloropropane
Concen: 99.76 ug/l
RT: 9.052 min Scan# 2745
Delta R.T. 0.000 min
Lab File: VN066313.D
Acq: 24 Mar 2021 15:40

Tgt Ion: 63 Resp: 559909
Ion Ratio Lower Upper
63 100
65 31.0 24.9 37.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

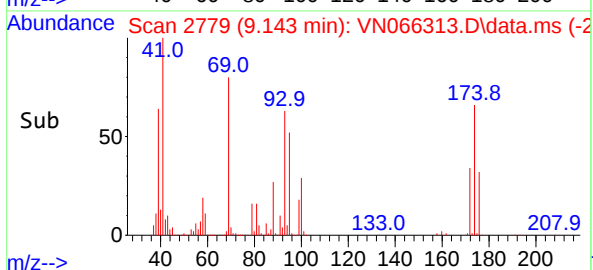
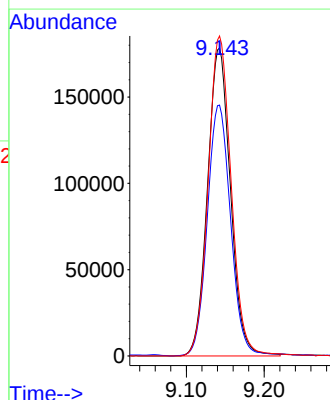
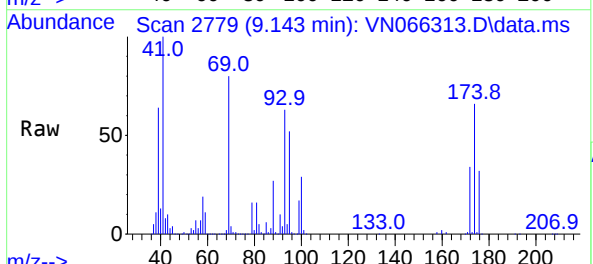
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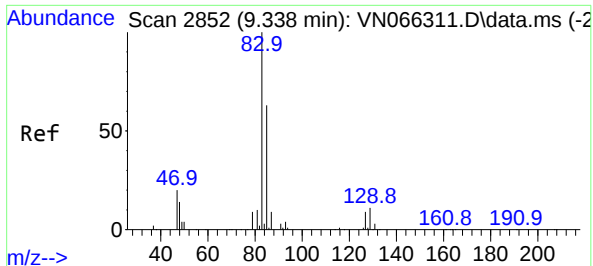
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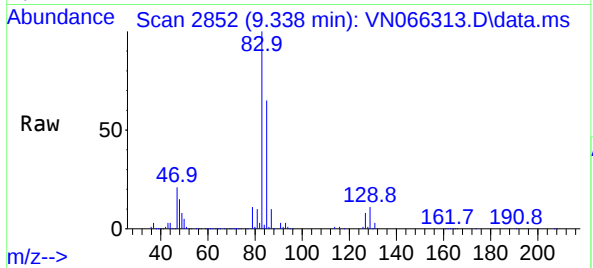
#40
Dibromomethane
Concen: 96.80 ug/l
RT: 9.143 min Scan# 2779
Delta R.T. 0.000 min
Lab File: VN066313.D
Acq: 24 Mar 2021 15:40

Tgt Ion: 93 Resp: 365831
Ion Ratio Lower Upper
93 100
95 82.7 0.0 169.0
174 104.1 0.0 205.8

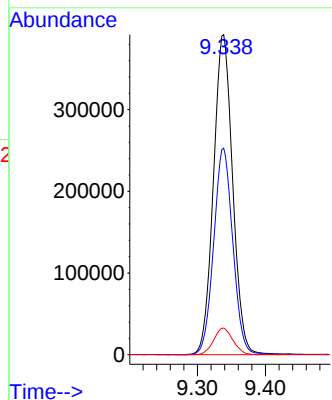




#41
Bromodichloromethane
Concen: 91.48 ug/l
RT: 9.338 min Scan# 2852
Delta R.T. 0.000 min
Lab File: VN066313.D
Acq: 24 Mar 2021 15:40



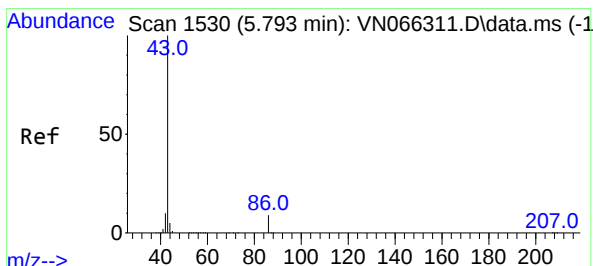
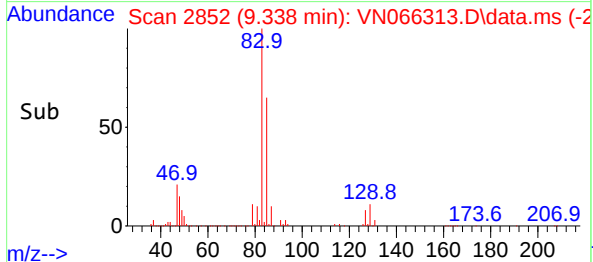
Tgt Ion: 83 Resp: 770614
Ion Ratio Lower Upper
83 100
85 64.5 50.6 75.8
127 8.3 6.9 10.3



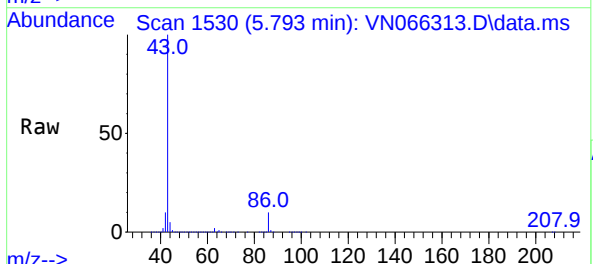
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

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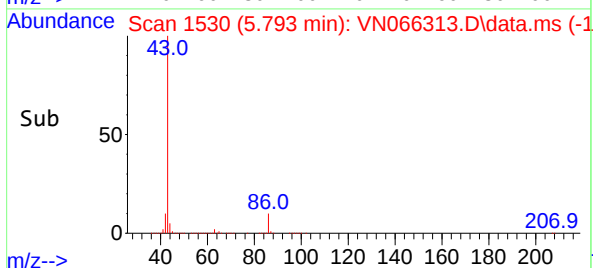
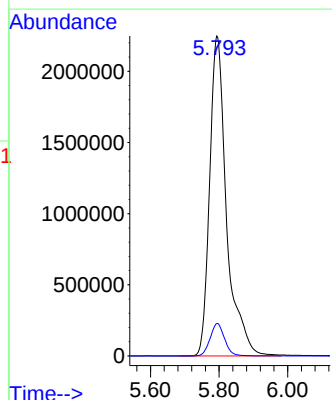
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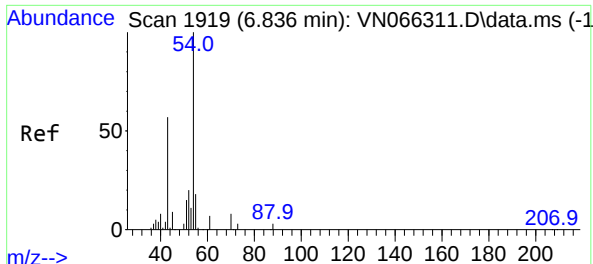


#42
Vinyl Acetate
Concen: 570.20 ug/l
RT: 5.793 min Scan# 1530
Delta R.T. 0.000 min
Lab File: VN066313.D
Acq: 24 Mar 2021 15:40



Tgt Ion: 43 Resp: 7702956
Ion Ratio Lower Upper
43 100
86 8.7 6.7 10.1





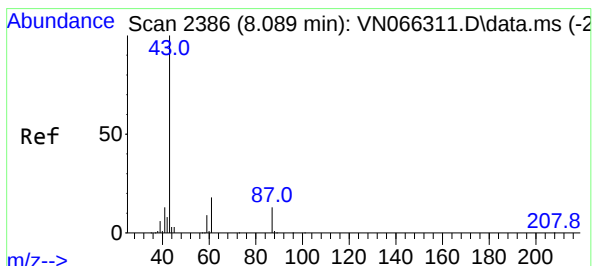
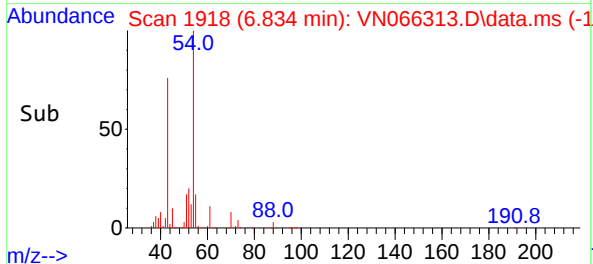
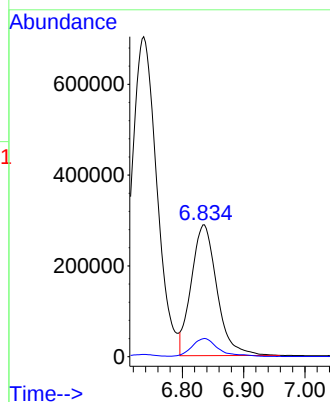
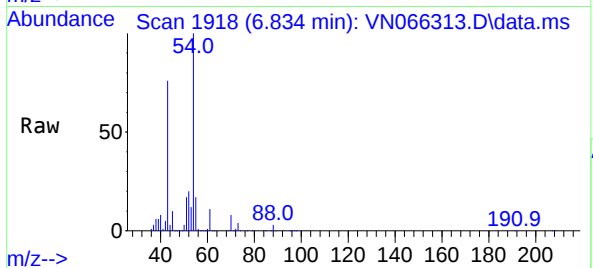
#43
Ethyl Acetate
Concen: 122.48 ug/l
RT: 6.834 min Scan# 1918
Delta R.T. -0.003 min
Lab File: VN066313.D
Acq: 24 Mar 2021 15:40

Tgt Ion: 43 Resp: 838326
Ion Ratio Lower Upper
43 100
45 14.2 0.0 0.0#

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

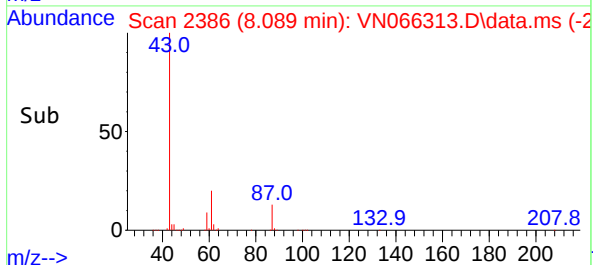
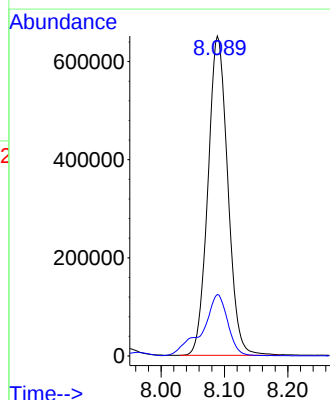
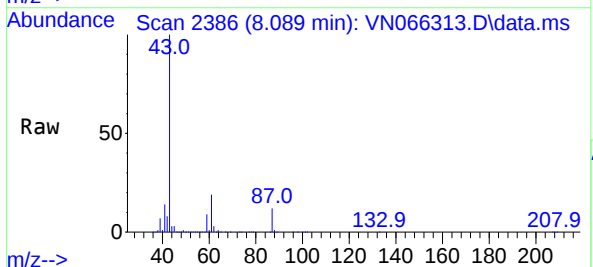
Manual Integrations
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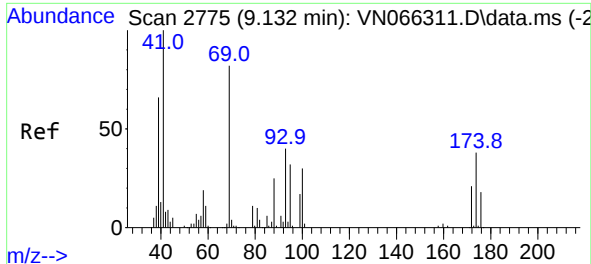
MMDadoda
3/30/2021 10:41:17 AM



#44
Isopropyl Acetate
Concen: 119.96 ug/l
RT: 8.089 min Scan# 2386
Delta R.T. 0.000 min
Lab File: VN066313.D
Acq: 24 Mar 2021 15:40

Tgt Ion: 43 Resp: 1415946
Ion Ratio Lower Upper
43 100
61 19.3 0.0 0.0#





#45
1,4-Dioxane
Concen: 1771.41 ug/l
RT: 9.140 min Scan# 2778
Delta R.T. 0.008 min
Lab File: VN066313.D
Acq: 24 Mar 2021 15:40

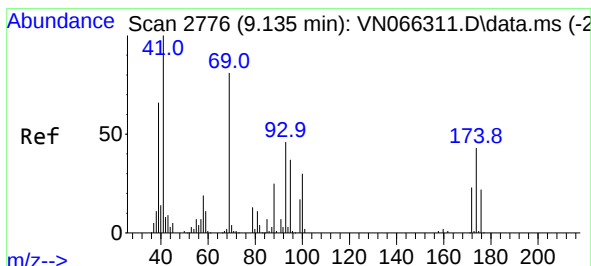
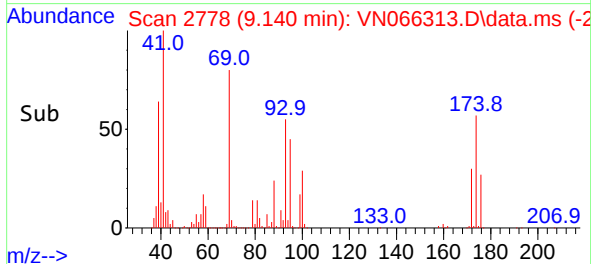
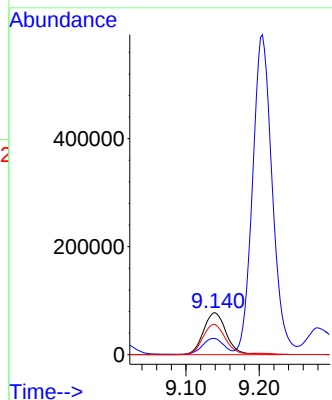
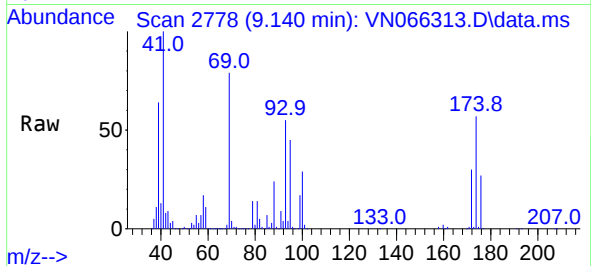
Tgt Ion: 88 Resp: 168918

Ion	Ratio	Lower	Upper
88	100		
43	35.4	27.0	40.4
58	71.0	57.9	86.9

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Manual Integrations
APPROVED

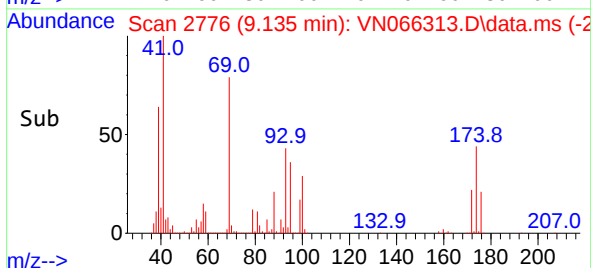
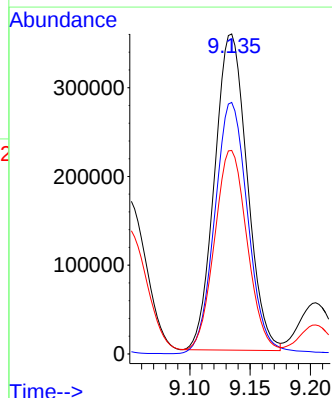
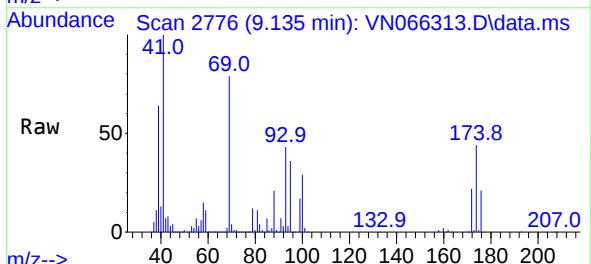
MMDadoda
3/30/2021 10:41:17 AM

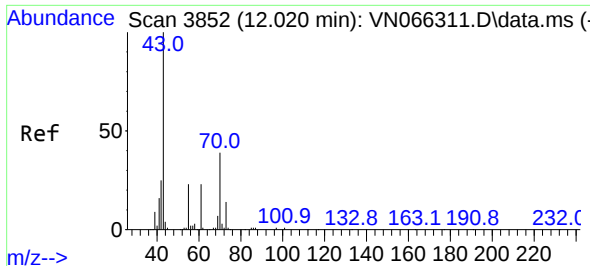


#46
Methyl methacrylate
Concen: 121.57 ug/l
RT: 9.135 min Scan# 2776
Delta R.T. 0.000 min
Lab File: VN066313.D
Acq: 24 Mar 2021 15:40

Tgt Ion: 41 Resp: 669969

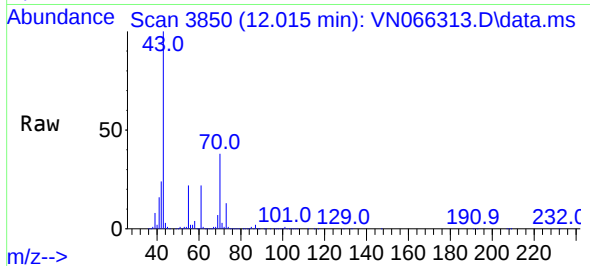
Ion	Ratio	Lower	Upper
41	100		
69	79.4	40.6	121.7
39	63.0	33.2	99.6





#47
n-amy1 Acetate
Concen: 121.52 ug/l
RT: 12.015 min Scan# 3850
Delta R.T. -0.005 min
Lab File: VN066313.D
Acq: 24 Mar 2021 15:40

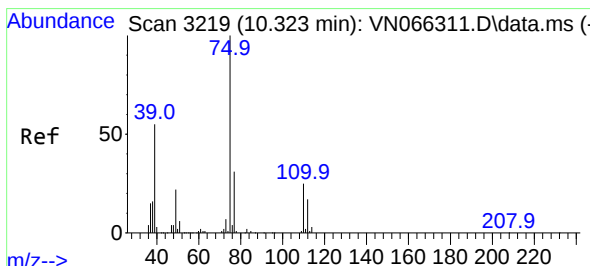
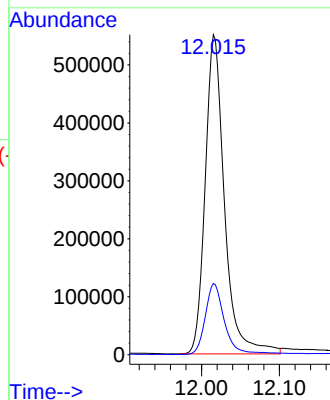
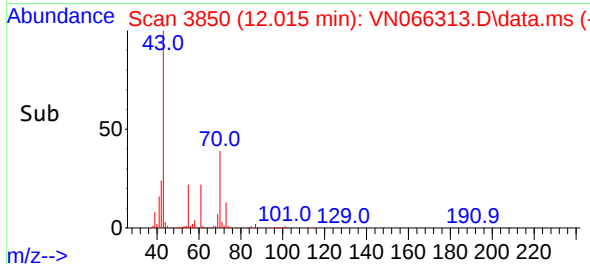
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



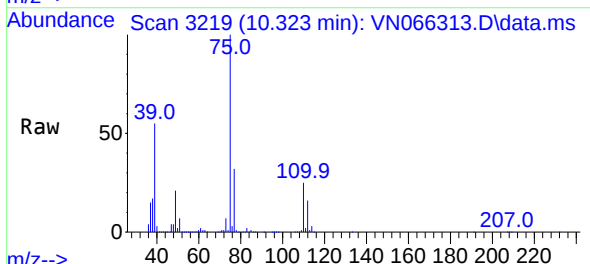
Tgt Ion: 43 Resp: 948775
Ion Ratio Lower Upper
43 100
55 22.4 17.7 26.5

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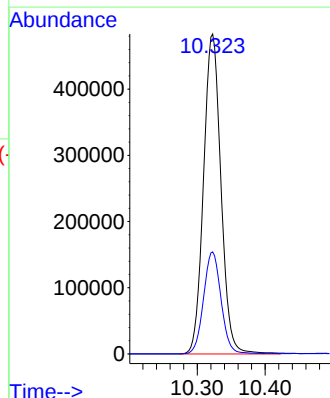
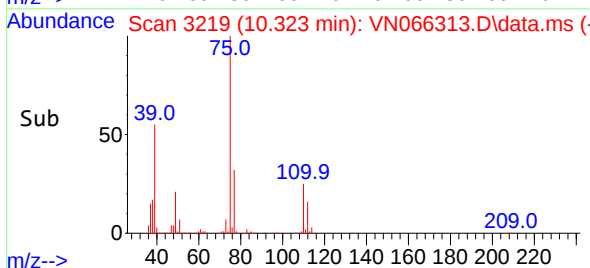
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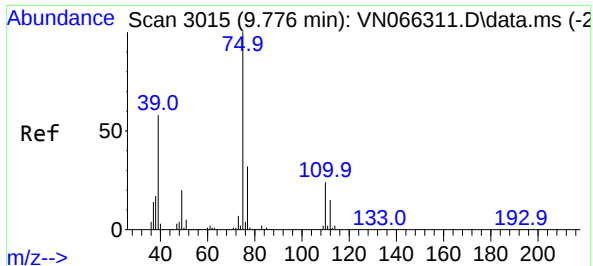


#48
t-1,3-Dichloropropene
Concen: 89.44 ug/l
RT: 10.323 min Scan# 3219
Delta R.T. 0.000 min
Lab File: VN066313.D
Acq: 24 Mar 2021 15:40



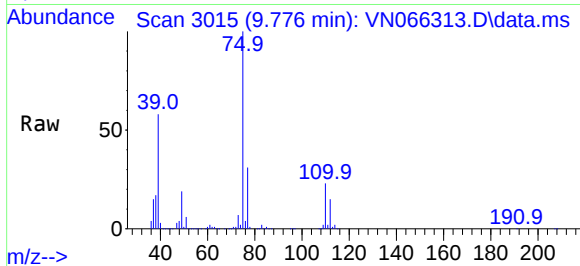
Tgt Ion: 75 Resp: 861254
Ion Ratio Lower Upper
75 100
77 31.9 24.9 37.3





#49
cis-1,3-Dichloropropene
Concen: 91.66 ug/l
RT: 9.776 min Scan# 3015
Delta R.T. 0.000 min
Lab File: VN066313.D
Acq: 24 Mar 2021 15:40

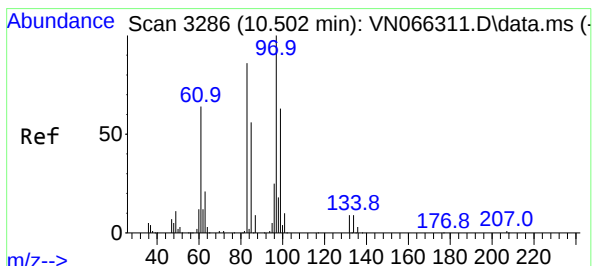
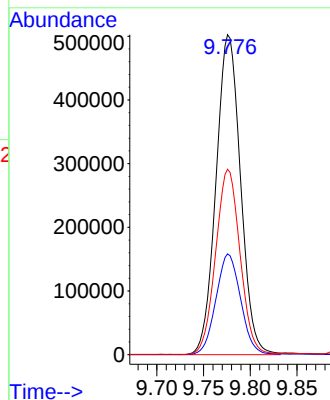
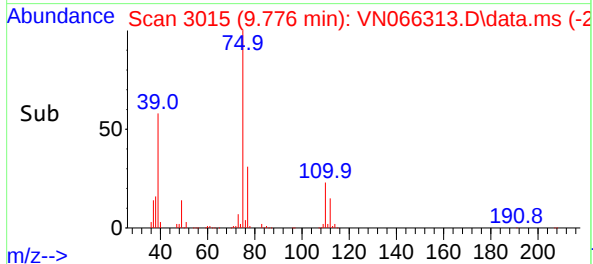
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



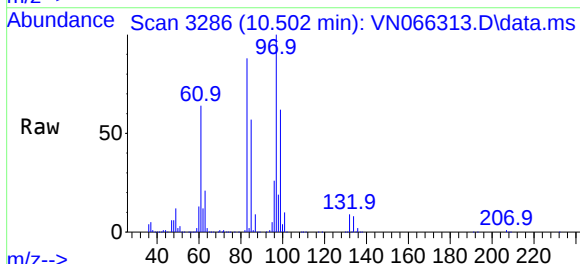
Tgt Ion: 75 Resp: 916060
Ion Ratio Lower Upper
75 100
77 31.4 25.4 38.0
39 57.9 46.8 70.2

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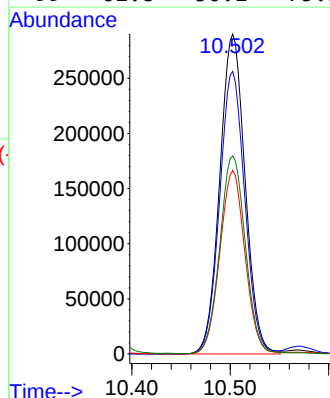
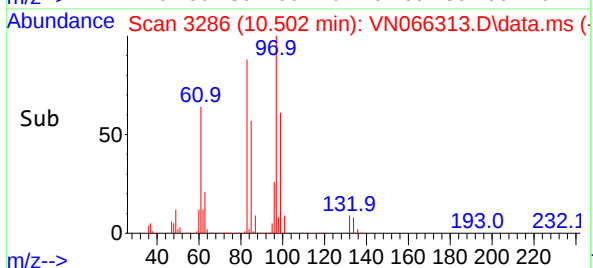
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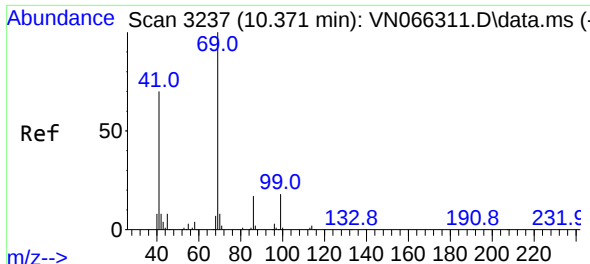


#50
1,1,2-Trichloroethane
Concen: 97.02 ug/l
RT: 10.502 min Scan# 3286
Delta R.T. 0.000 min
Lab File: VN066313.D
Acq: 24 Mar 2021 15:40



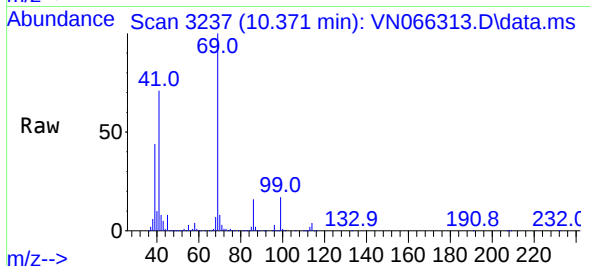
Tgt Ion: 97 Resp: 519461
Ion Ratio Lower Upper
97 100
83 88.3 68.8 103.2
85 57.3 44.8 67.2
99 61.8 50.1 75.1





#51
Ethyl methacrylate
Concen: 103.77 ug/l
RT: 10.371 min Scan# 3237
Delta R.T. 0.000 min
Lab File: VN066313.D
Acq: 24 Mar 2021 15:40

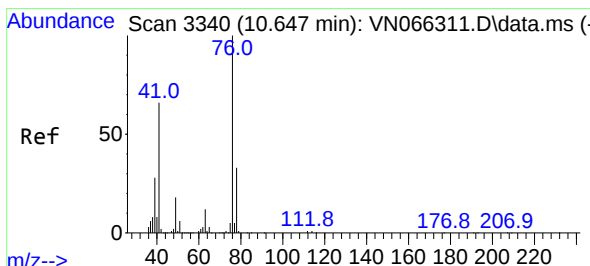
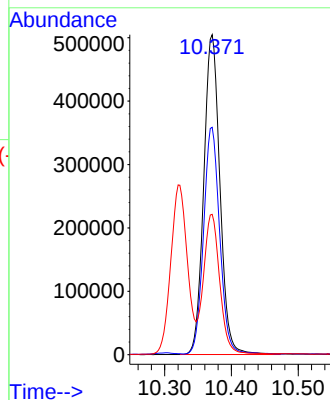
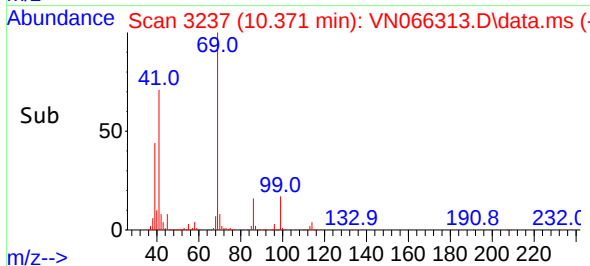
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



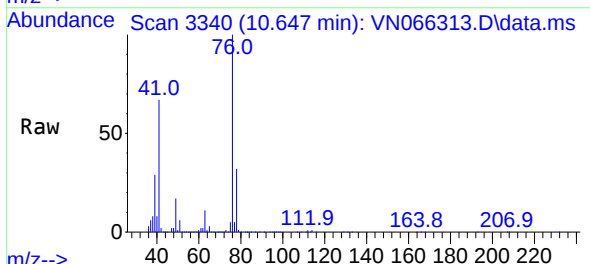
Tgt Ion: 69 Resp: 850978
Ion Ratio Lower Upper
69 100
41 70.8 34.8 104.5
39 43.6 22.5 67.5

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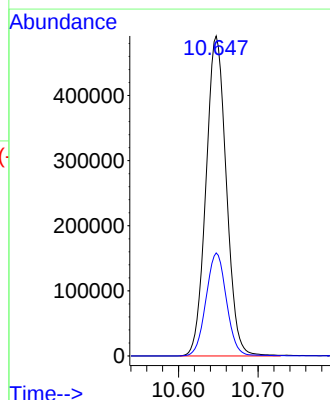
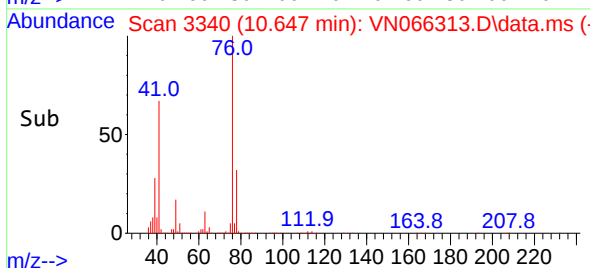
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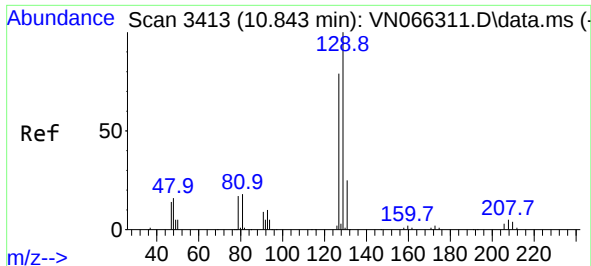


#52
1,3-Dichloropropane
Concen: 94.22 ug/l
RT: 10.647 min Scan# 3340
Delta R.T. 0.000 min
Lab File: VN066313.D
Acq: 24 Mar 2021 15:40



Tgt Ion: 76 Resp: 872801
Ion Ratio Lower Upper
76 100
78 32.5 0.0 65.6





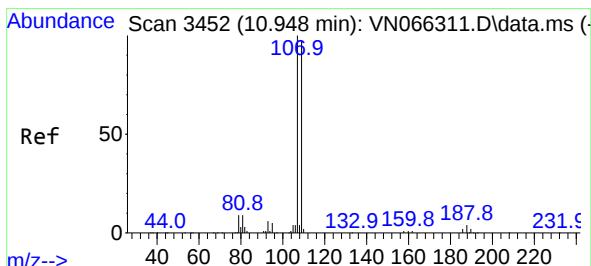
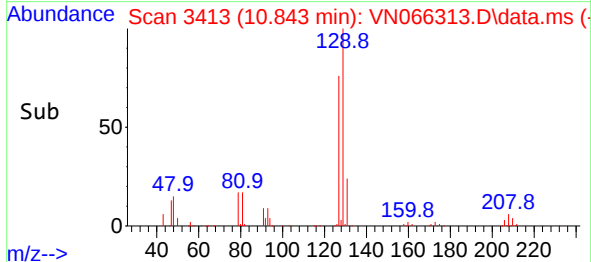
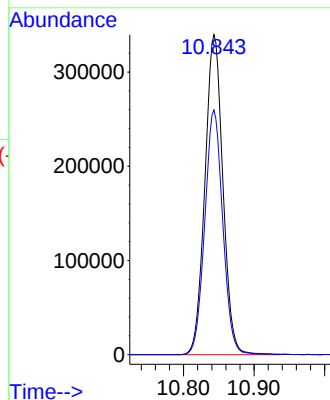
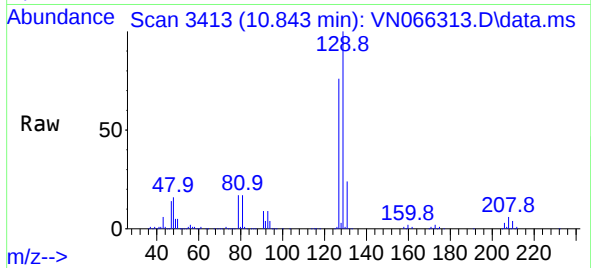
#53
Dibromochloromethane
Concen: 93.18 ug/l
RT: 10.843 min Scan# 3413
Delta R.T. 0.000 min
Lab File: VN066313.D
Acq: 24 Mar 2021 15:40

Tgt Ion:129 Resp: 602038
Ion Ratio Lower Upper
129 100
127 76.6 38.6 115.7

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

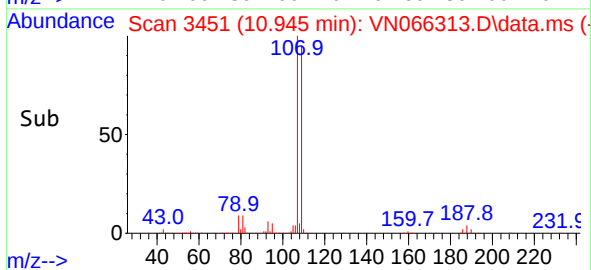
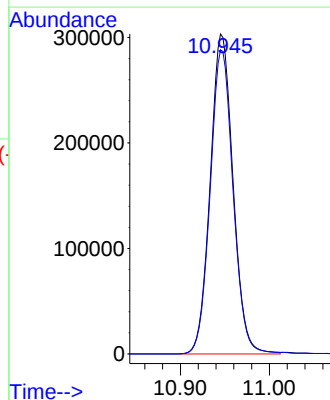
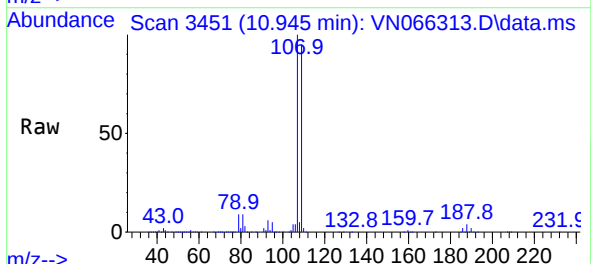
Manual Integrations
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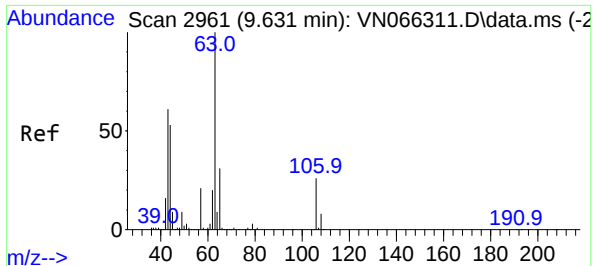
MMDadoda
3/30/2021 10:41:17 AM



#54
1,2-Dibromoethane
Concen: 96.09 ug/l
RT: 10.945 min Scan# 3451
Delta R.T. -0.003 min
Lab File: VN066313.D
Acq: 24 Mar 2021 15:40

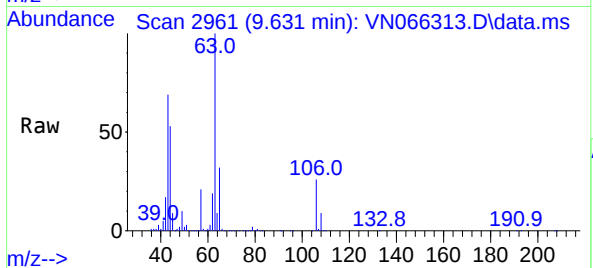
Tgt Ion:107 Resp: 540334
Ion Ratio Lower Upper
107 100
109 95.1 75.8 113.6





#55
2-Chloroethyl vinyl ether
Concen: 247.01 ug/l
RT: 9.631 min Scan# 2961
Delta R.T. 0.000 min
Lab File: VN066313.D
Acq: 24 Mar 2021 15:40

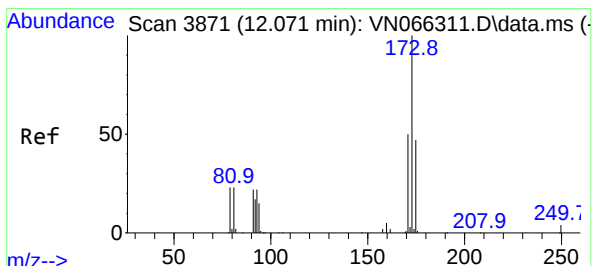
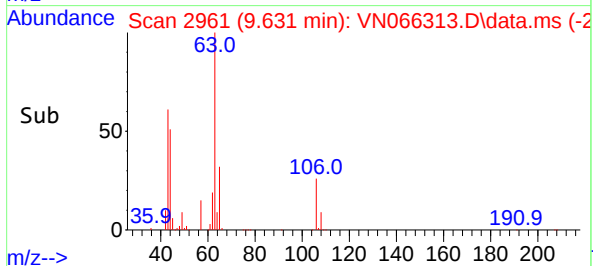
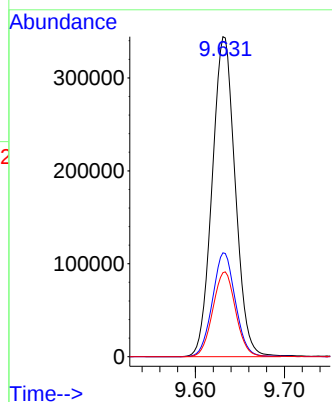
Instrument :
MSVOA_N
ClientSampled :
VSTDIC100



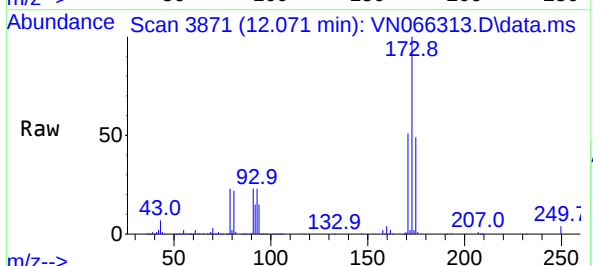
Tgt Ion: 63 Resp: 618981
Ion Ratio Lower Upper
63 100
65 32.4 26.0 39.0
106 26.3 20.6 31.0

Manual Integrations
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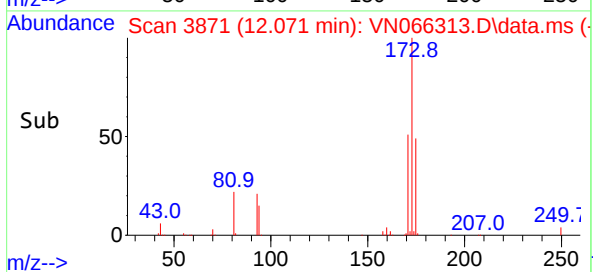
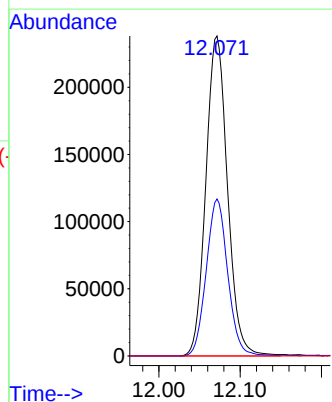
MMDadoda
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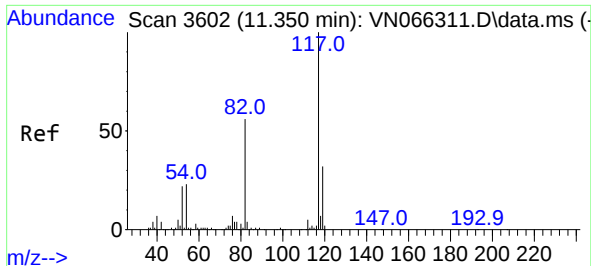


#56
Bromoform
Concen: 100.98 ug/l
RT: 12.071 min Scan# 3871
Delta R.T. 0.000 min
Lab File: VN066313.D
Acq: 24 Mar 2021 15:40



Tgt Ion: 173 Resp: 440464
Ion Ratio Lower Upper
173 100
175 48.7 38.3 57.5
254 0.0 0.0 0.0





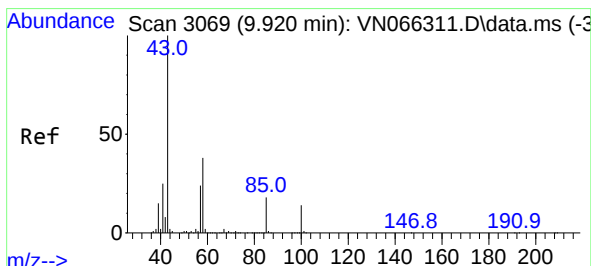
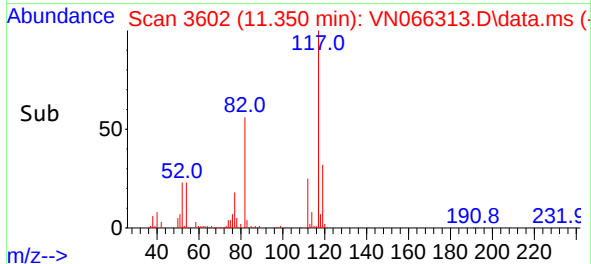
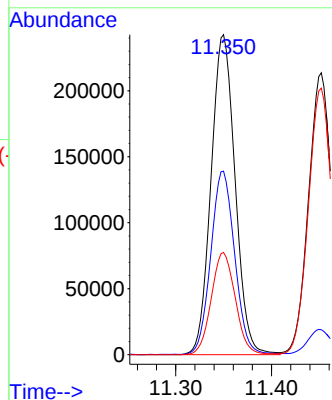
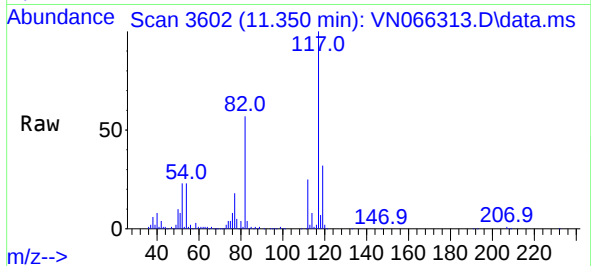
#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.350 min Scan# 3602
Delta R.T. 0.000 min
Lab File: VN066313.D
Acq: 24 Mar 2021 15:40

Tgt Ion: 117 Resp: 422367
Ion Ratio Lower Upper
117 100
82 56.9 45.0 67.6
119 31.9 25.5 38.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

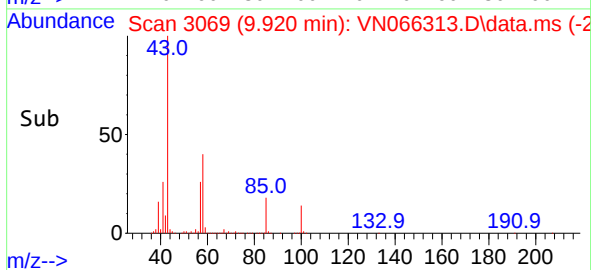
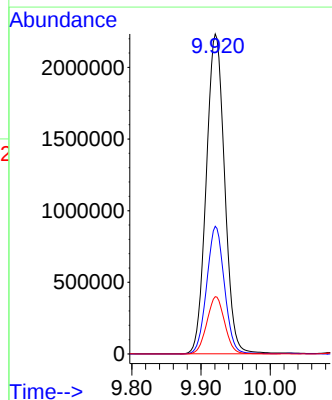
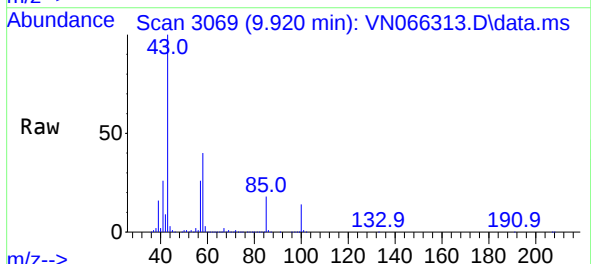
Manual Integrations
APPROVED

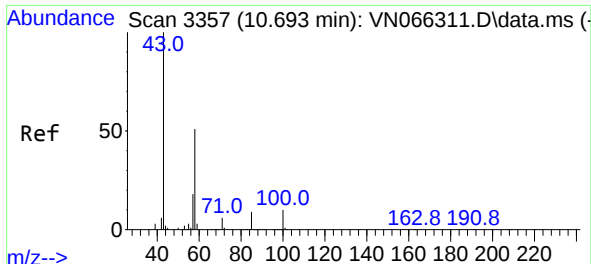
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#58
4-Methyl-2-Pentanone
Concen: 664.21 ug/l
RT: 9.920 min Scan# 3069
Delta R.T. 0.000 min
Lab File: VN066313.D
Acq: 24 Mar 2021 15:40

Tgt Ion: 43 Resp: 4115328
Ion Ratio Lower Upper
43 100
58 38.6 30.4 45.6
85 17.5 13.8 20.8





#59
2-Hexanone
Concen: 685.37 ug/l
RT: 10.693 min Scan# 3357
Delta R.T. 0.000 min
Lab File: VN066313.D
Acq: 24 Mar 2021 15:40

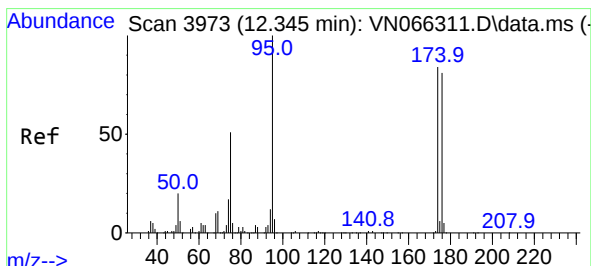
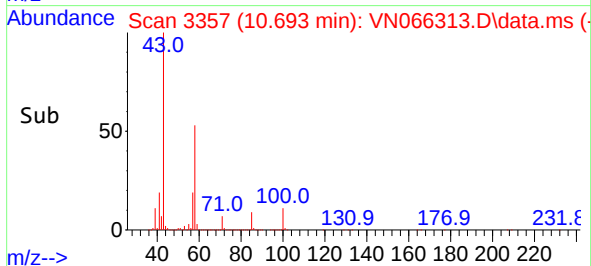
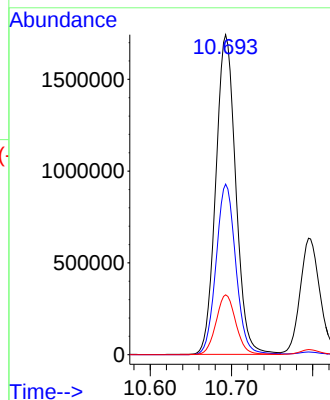
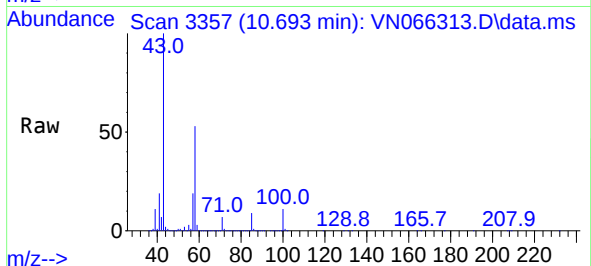
Tgt Ion: 43 Resp: 2970241

Ion	Ratio	Lower	Upper
43	100		
58	52.8	41.8	62.6
57	18.6	14.9	22.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Manual Integrations
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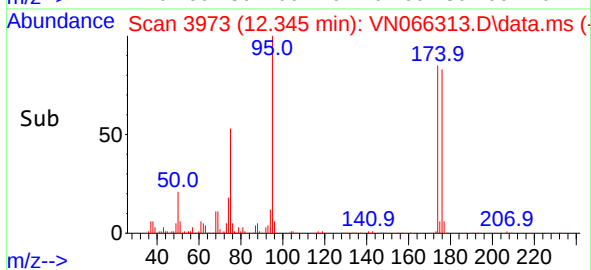
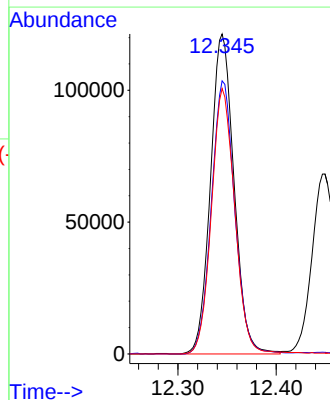
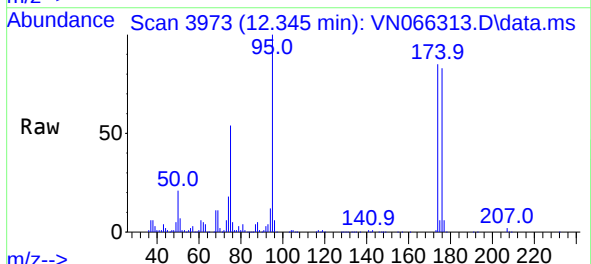
MMDadoda
3/30/2021 10:41:17 AM

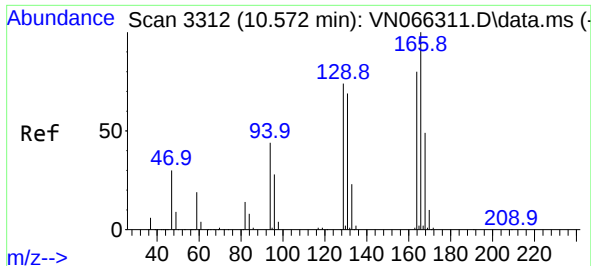


#60
4-Bromofluorobenzene
Concen: 28.02 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.000 min
Lab File: VN066313.D
Acq: 24 Mar 2021 15:40

Tgt Ion: 95 Resp: 201970

Ion	Ratio	Lower	Upper
95	100		
174	84.9	68.1	102.1
176	81.7	65.4	98.0





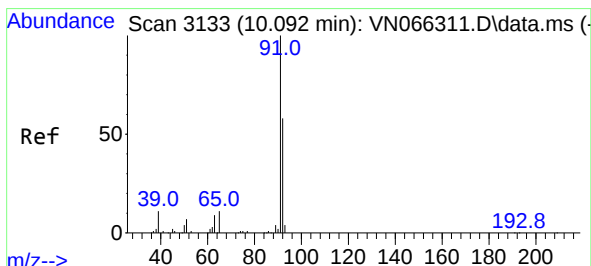
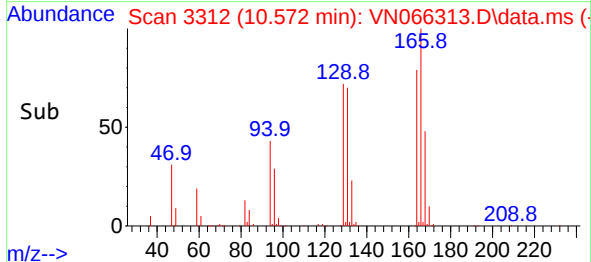
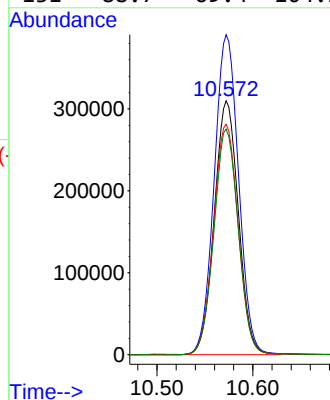
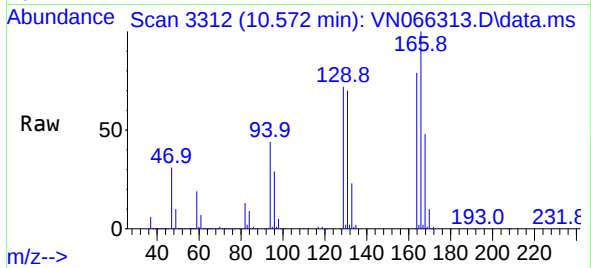
#61
Tetrachloroethene
Concen: 98.28 ug/l
RT: 10.572 min Scan# 3312
Delta R.T. 0.000 min
Lab File: VN066313.D
Acq: 24 Mar 2021 15:40

Tgt Ion:164 Resp: 543222
Ion Ratio Lower Upper
164 100
166 126.0 100.5 150.7
129 90.7 74.7 112.1
131 88.7 69.4 104.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

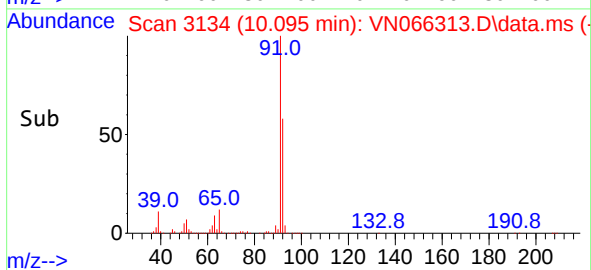
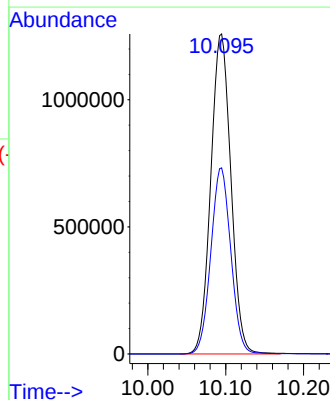
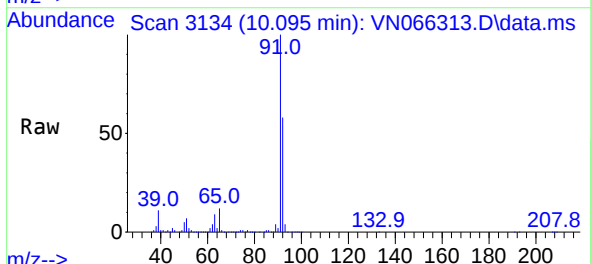
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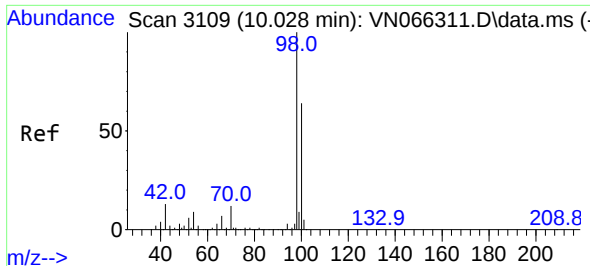
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#62
Toluene
Concen: 101.04 ug/l
RT: 10.095 min Scan# 3134
Delta R.T. 0.003 min
Lab File: VN066313.D
Acq: 24 Mar 2021 15:40

Tgt Ion: 91 Resp: 2257787
Ion Ratio Lower Upper
91 100
92 57.8 46.2 69.2





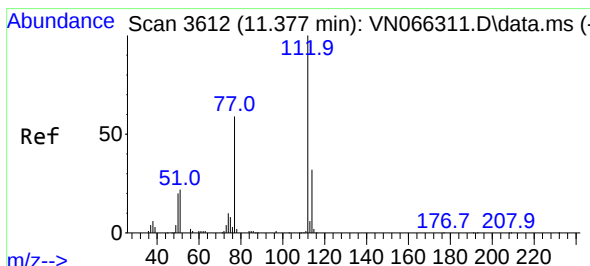
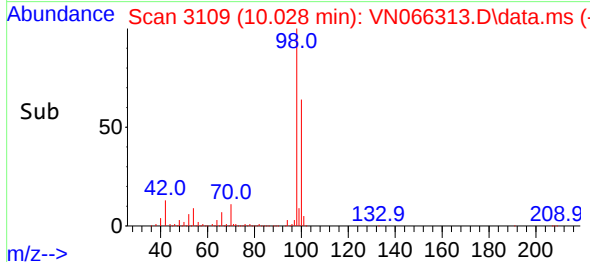
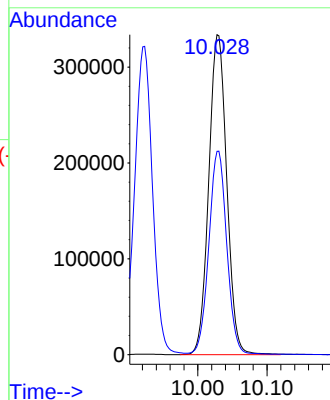
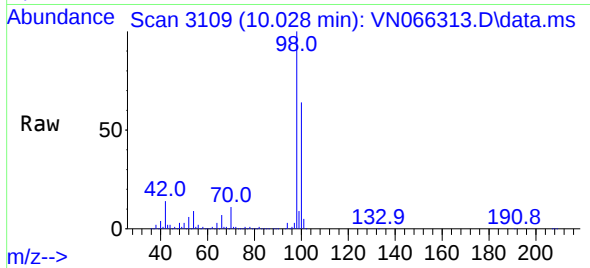
#63
Toluene-d8
Concen: 31.66 ug/l
RT: 10.028 min Scan# 3109
Delta R.T. 0.000 min
Lab File: VN066313.D
Acq: 24 Mar 2021 15:40

Tgt Ion: 98 Resp: 603737
Ion Ratio Lower Upper
98 100
100 63.1 51.1 76.7

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

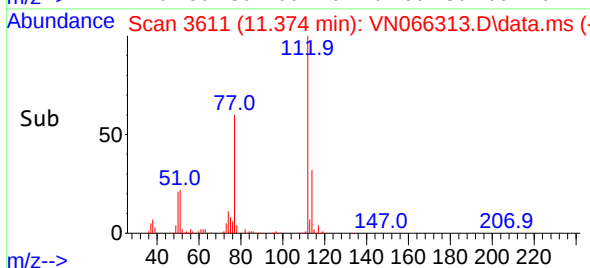
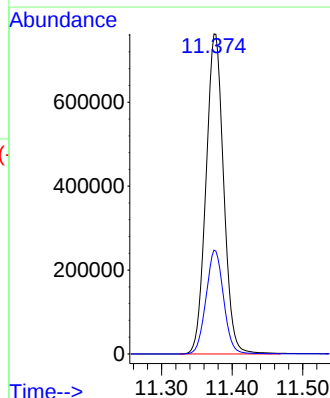
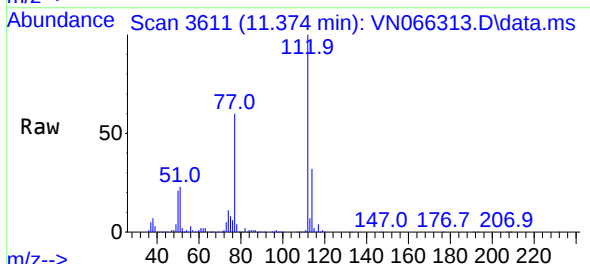
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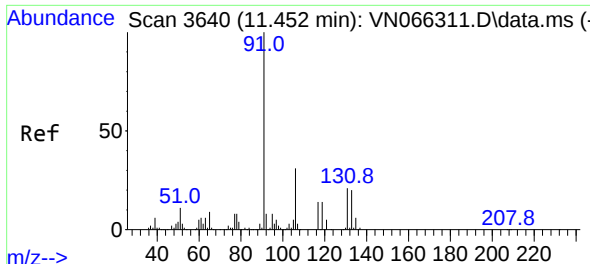
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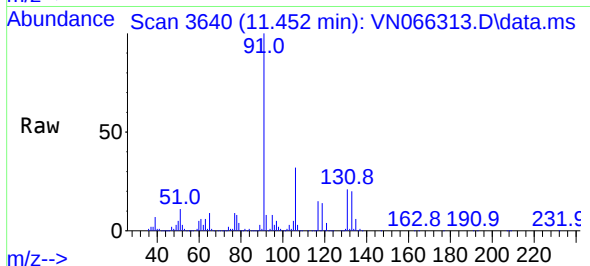
#64
Chlorobenzene
Concen: 92.60 ug/l
RT: 11.374 min Scan# 3611
Delta R.T. -0.003 min
Lab File: VN066313.D
Acq: 24 Mar 2021 15:40

Tgt Ion: 112 Resp: 1325150
Ion Ratio Lower Upper
112 100
114 32.5 25.6 38.4

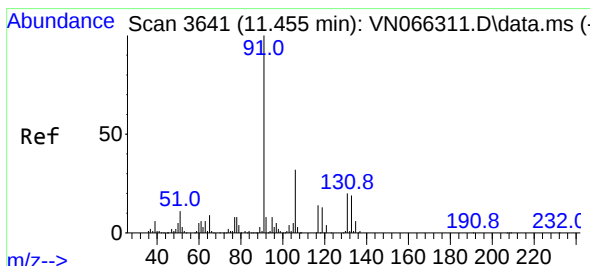
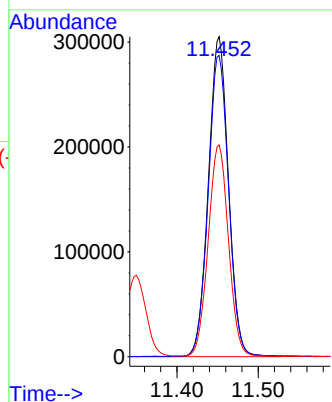
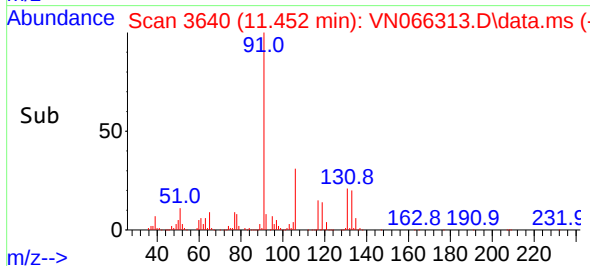




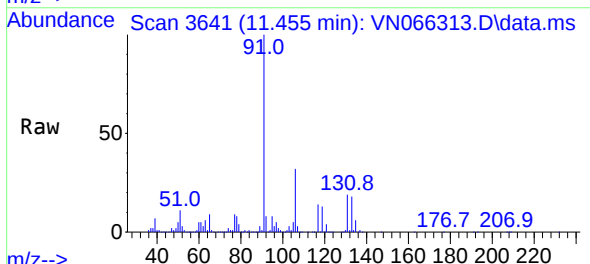
#65
1,1,1,2-Tetrachloroethane
Concen: 95.27 ug/l
RT: 11.452 min Scan# 3640
Delta R.T. 0.000 min
Lab File: VN066313.D
Acq: 24 Mar 2021 15:40



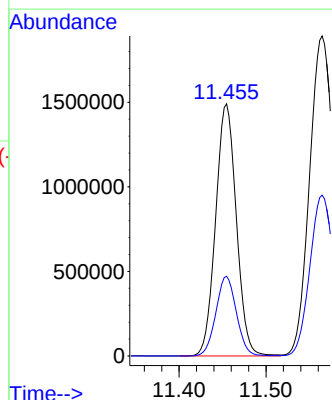
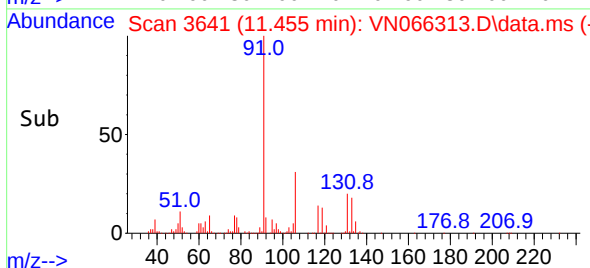
Tgt Ion:131 Resp: 524743
Ion Ratio Lower Upper
131 100
133 95.2 0.0 188.4
119 67.0 0.0 134.4



#66
Ethyl Benzene
Concen: 97.21 ug/l
RT: 11.455 min Scan# 3641
Delta R.T. 0.000 min
Lab File: VN066313.D
Acq: 24 Mar 2021 15:40



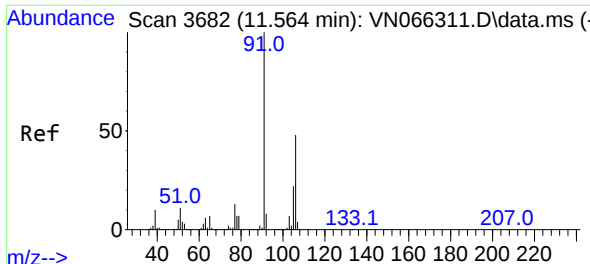
Tgt Ion: 91 Resp: 2467141
Ion Ratio Lower Upper
91 100
106 31.6 25.5 38.3



Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Manual Integrations
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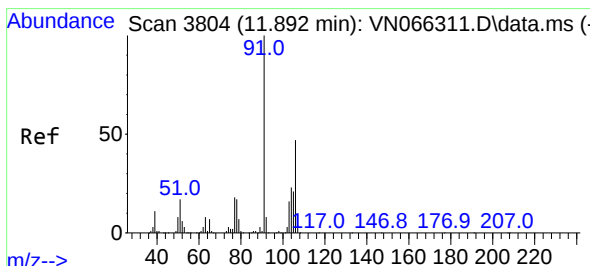
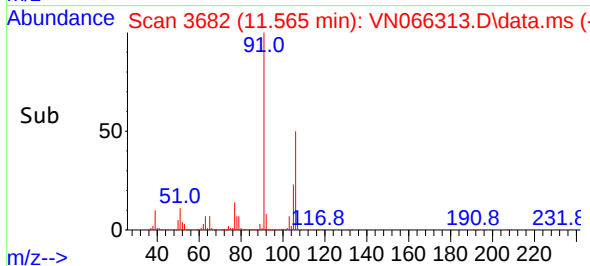
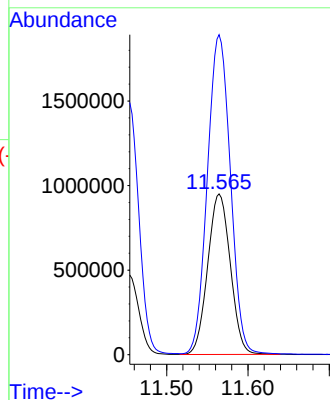
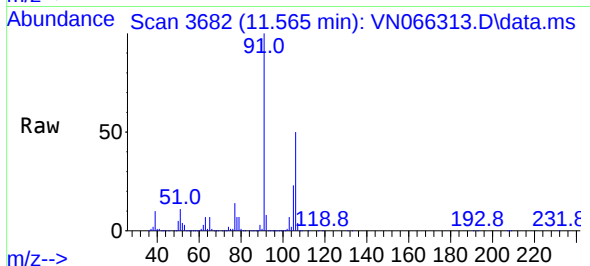
#67
m/p-Xylenes
Concen: 188.19 ug/l
RT: 11.565 min Scan# 3682
Delta R.T. 0.000 min
Lab File: VN066313.D
Acq: 24 Mar 2021 15:40

Tgt Ion:106 Resp: 1837769
Ion Ratio Lower Upper
106 100
91 202.6 164.8 247.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

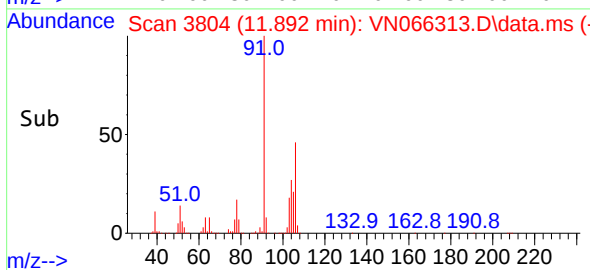
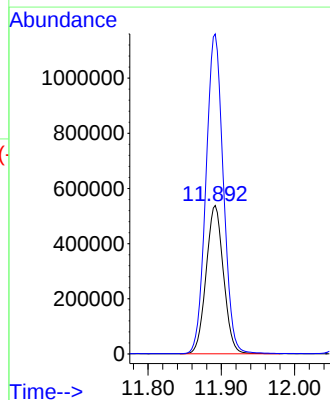
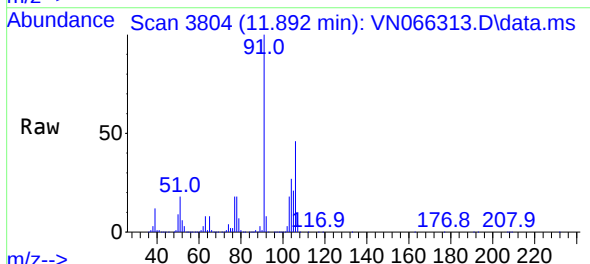
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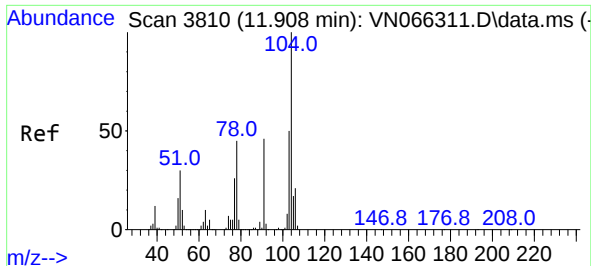
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#68
o-Xylene
Concen: 92.32 ug/l
RT: 11.892 min Scan# 3804
Delta R.T. 0.000 min
Lab File: VN066313.D
Acq: 24 Mar 2021 15:40

Tgt Ion:106 Resp: 886602
Ion Ratio Lower Upper
106 100
91 215.4 107.1 321.4





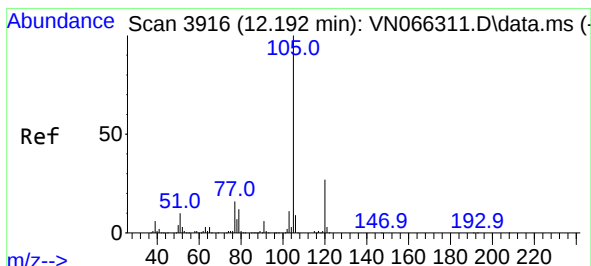
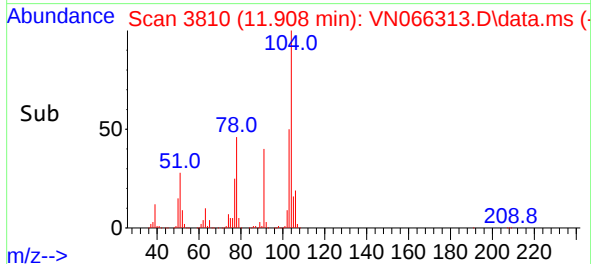
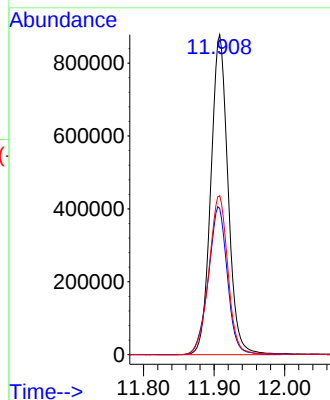
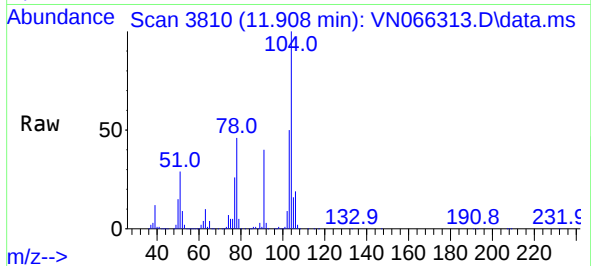
#69
Styrene
Concen: 94.58 ug/l
RT: 11.908 min Scan# 3810
Delta R.T. 0.000 min
Lab File: VN066313.D
Acq: 24 Mar 2021 15:40

Tgt Ion:104 Resp: 1490460
Ion Ratio Lower Upper
104 100
78 51.1 41.0 61.6
103 55.1 43.7 65.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

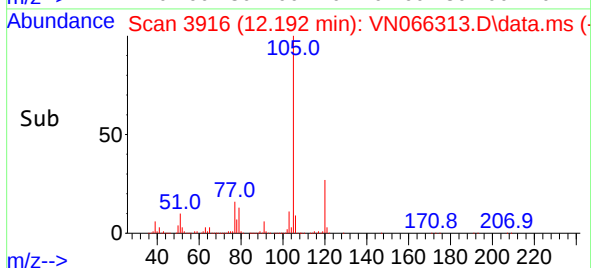
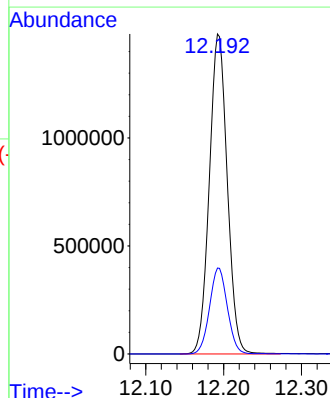
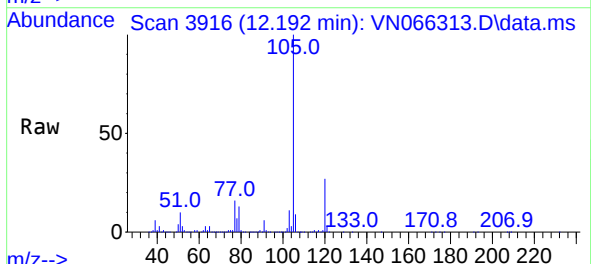
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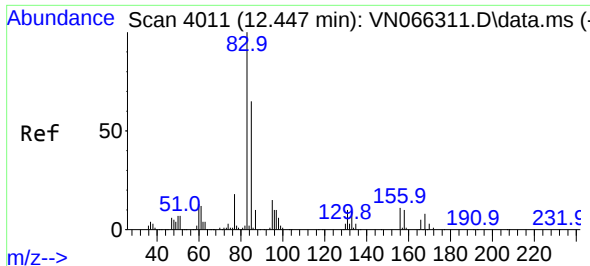
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#70
Isopropylbenzene
Concen: 94.07 ug/l
RT: 12.192 min Scan# 3916
Delta R.T. 0.000 min
Lab File: VN066313.D
Acq: 24 Mar 2021 15:40

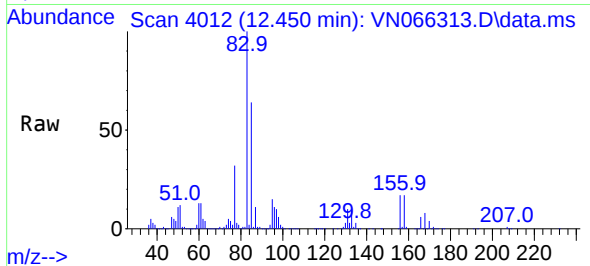
Tgt Ion:105 Resp: 2366822
Ion Ratio Lower Upper
105 100
120 26.7 18.7 34.7





#71
1,1,2,2-Tetrachloroethane
Concen: 104.21 ug/l
RT: 12.450 min Scan# 4012
Delta R.T. 0.003 min
Lab File: VN066313.D
Acq: 24 Mar 2021 15:40

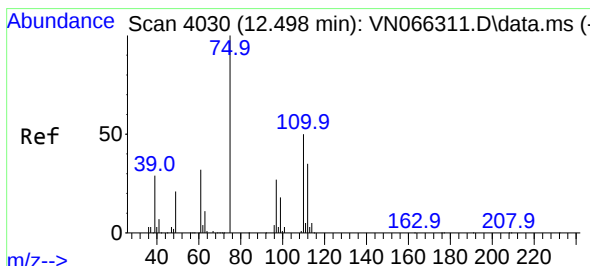
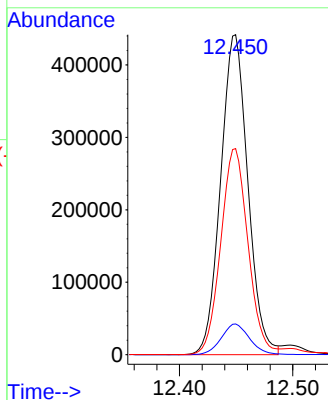
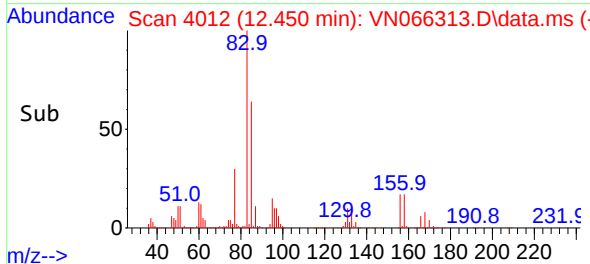
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



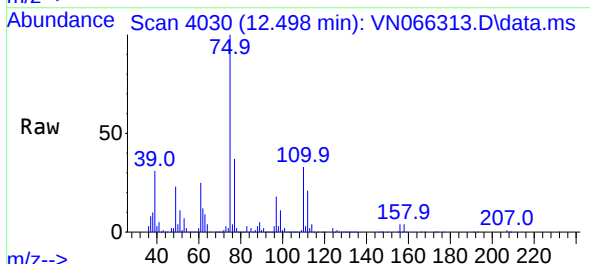
Tgt Ion: 83 Resp: 736955
Ion Ratio Lower Upper
83 100
131 10.0 4.9 14.6
85 64.8 31.4 94.2

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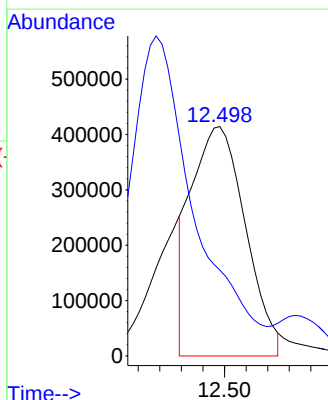
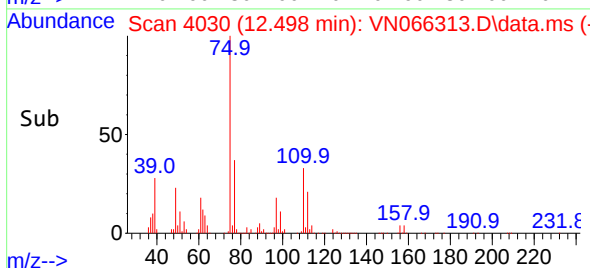
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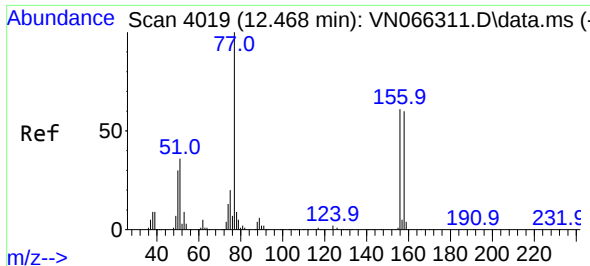


#72
1,2,3-Trichloropropane
Concen: 101.78 ug/l m
RT: 12.498 min Scan# 4030
Delta R.T. 0.000 min
Lab File: VN066313.D
Acq: 24 Mar 2021 15:40



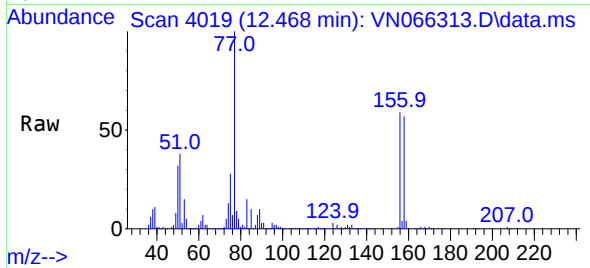
Tgt Ion: 75 Resp: 718180
Ion Ratio Lower Upper
75 100
77 167.3 0.0 313.6





#73
Bromobenzene
Concen: 94.56 ug/l
RT: 12.468 min Scan# 4019
Delta R.T. 0.000 min
Lab File: VN066313.D
Acq: 24 Mar 2021 15:40

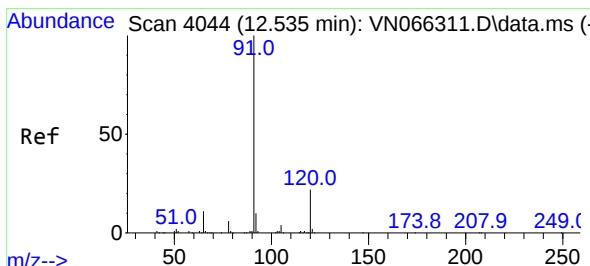
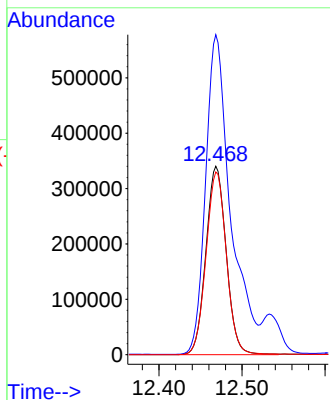
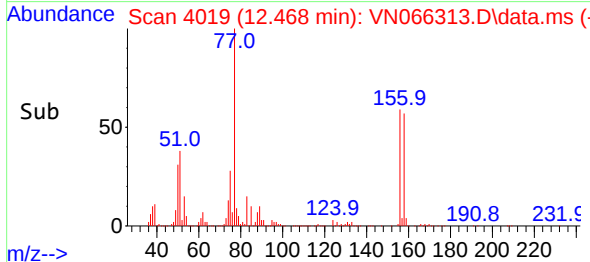
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



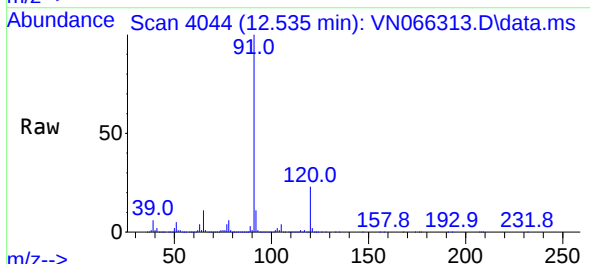
Tgt Ion:156 Resp: 577523
Ion Ratio Lower Upper
156 100
77 208.0 0.0 399.6
158 97.4 0.0 192.8

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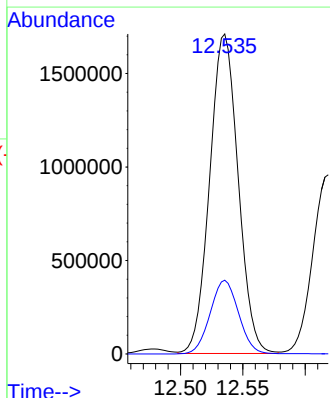
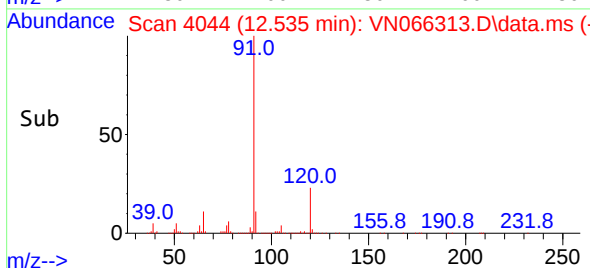
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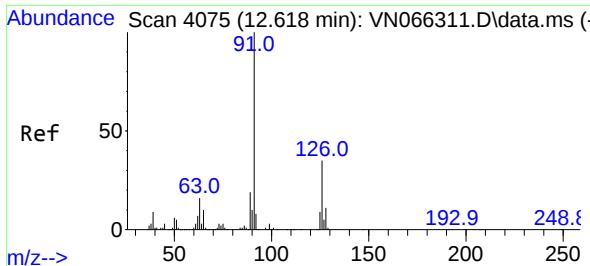


#74
n-propylbenzene
Concen: 97.48 ug/l
RT: 12.535 min Scan# 4044
Delta R.T. 0.000 min
Lab File: VN066313.D
Acq: 24 Mar 2021 15:40



Tgt Ion: 91 Resp: 2715131
Ion Ratio Lower Upper
91 100
120 23.0 0.0 45.2





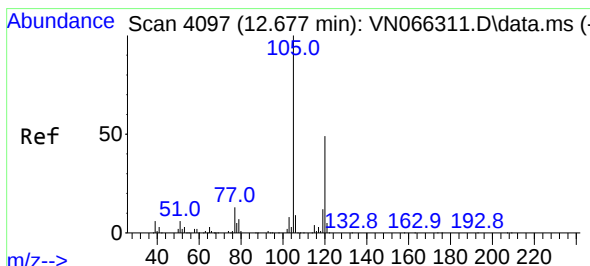
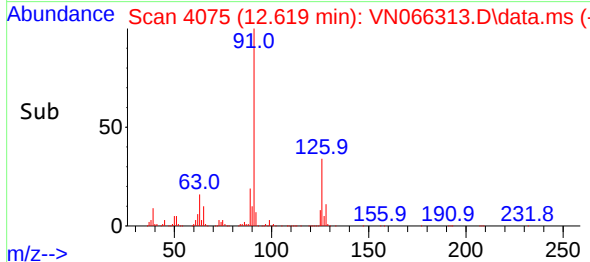
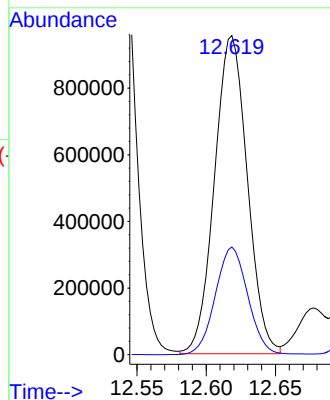
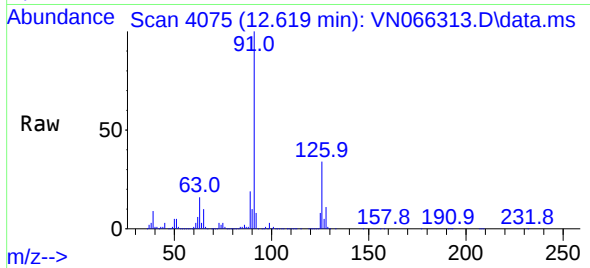
#75
2-Chlorotoluene
Concen: 89.41 ug/l
RT: 12.619 min Scan# 4075
Delta R.T. 0.000 min
Lab File: VN066313.D
Acq: 24 Mar 2021 15:40

Tgt Ion: 91 Resp: 1575439
Ion Ratio Lower Upper
91 100
126 33.4 0.0 68.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

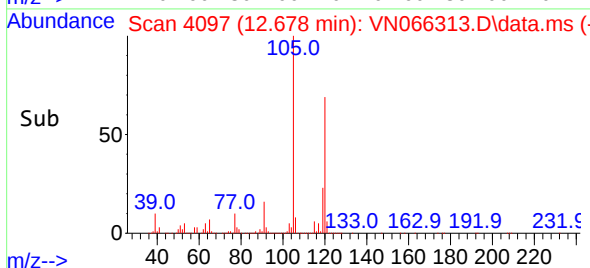
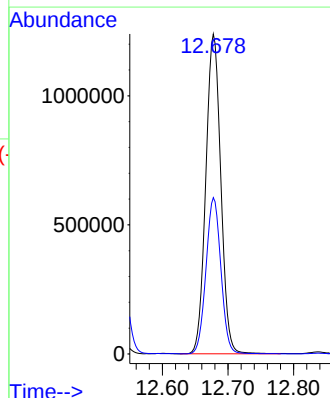
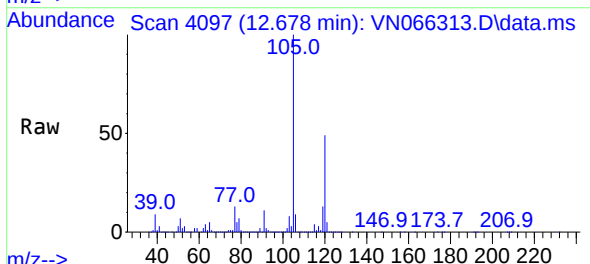
Manual Integrations
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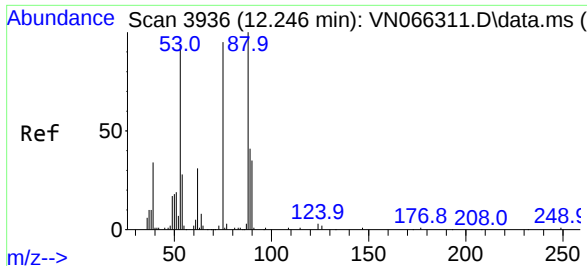
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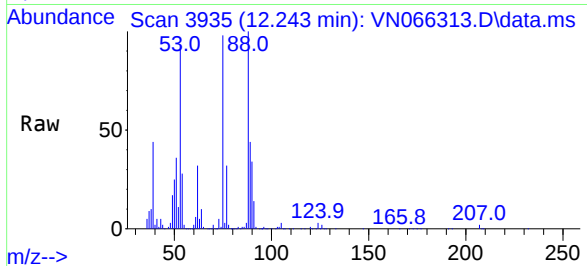
#76
1,3,5-Trimethylbenzene
Concen: 88.32 ug/l
RT: 12.678 min Scan# 4097
Delta R.T. 0.000 min
Lab File: VN066313.D
Acq: 24 Mar 2021 15:40

Tgt Ion: 105 Resp: 1963911
Ion Ratio Lower Upper
105 100
120 48.4 0.0 98.2

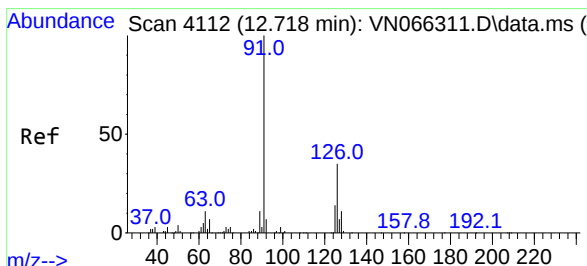
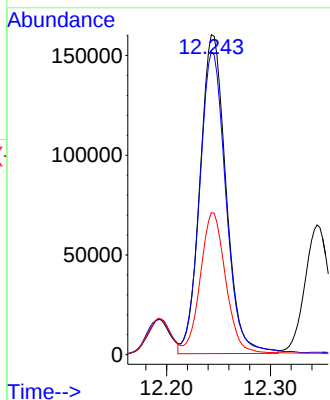
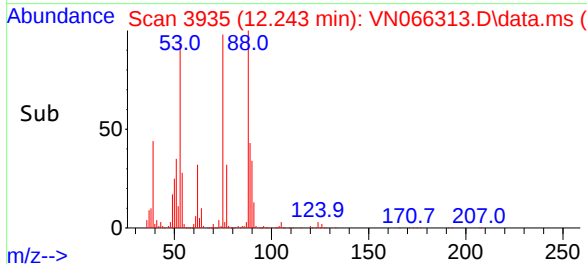




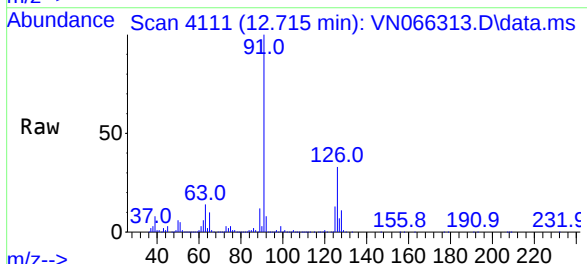
#77
t-1,4-Dichloro-2-butene
Concen: 111.71 ug/l
RT: 12.243 min Scan# 3935
Delta R.T. -0.003 min
Lab File: VN066313.D
Acq: 24 Mar 2021 15:40



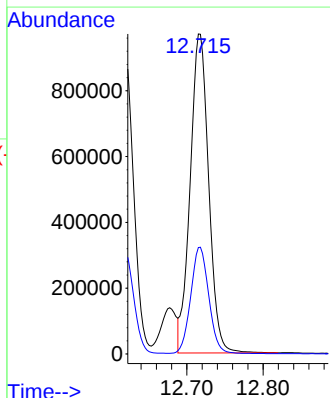
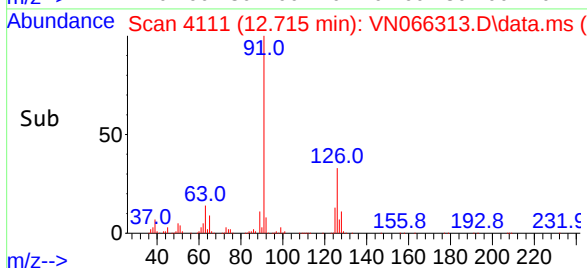
Tgt Ion: 75 Resp: 277158
Ion Ratio Lower Upper
75 100
53 94.7 49.6 149.0
89 44.3 22.9 68.7



#78
4-Chlorotoluene
Concen: 91.25 ug/l
RT: 12.715 min Scan# 4111
Delta R.T. -0.003 min
Lab File: VN066313.D
Acq: 24 Mar 2021 15:40



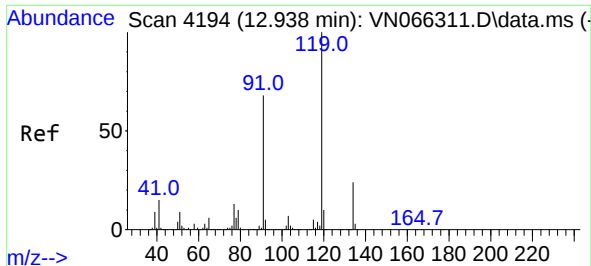
Tgt Ion: 91 Resp: 1632144
Ion Ratio Lower Upper
91 100
126 32.3 0.0 65.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

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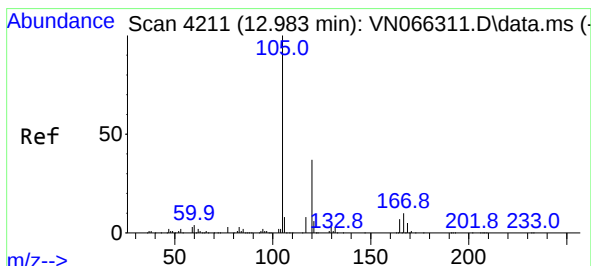
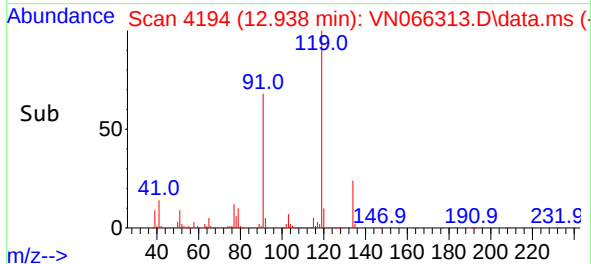
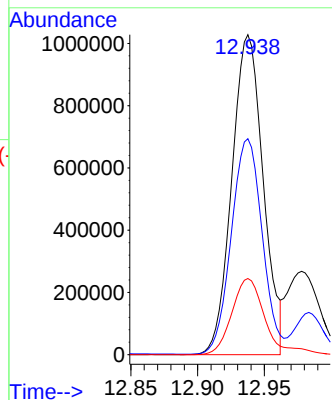
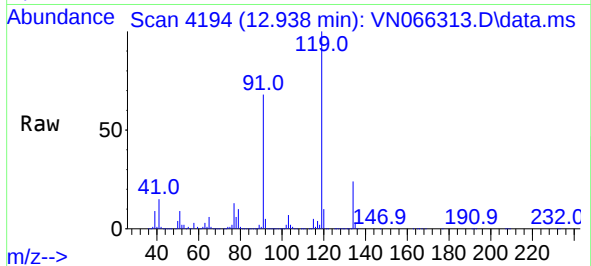
#79
tert-butylbenzene
Concen: 90.53 ug/l
RT: 12.938 min Scan# 4194
Delta R.T. 0.000 min
Lab File: VN066313.D
Acq: 24 Mar 2021 15:40

Tgt Ion:119 Resp: 1679937
Ion Ratio Lower Upper
119 100
91 66.7 0.0 133.4
134 25.4 0.0 51.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

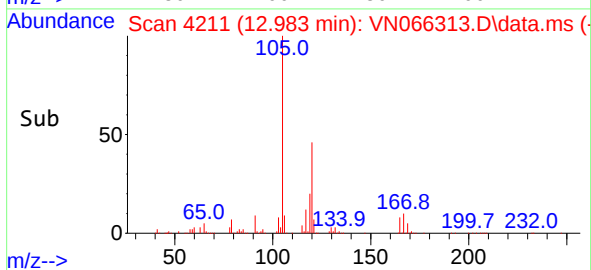
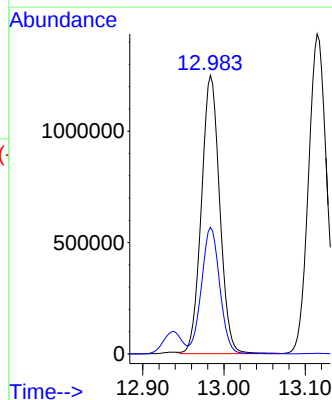
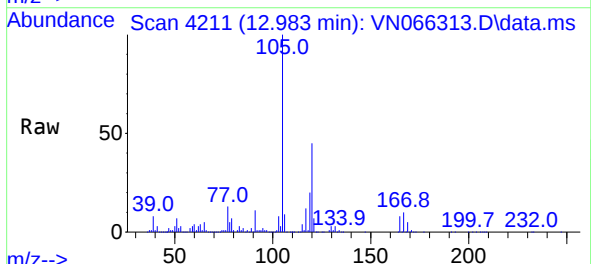
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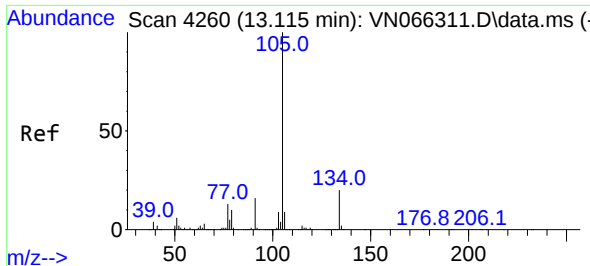
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#80
1,2,4-Trimethylbenzene
Concen: 89.76 ug/l
RT: 12.983 min Scan# 4211
Delta R.T. 0.000 min
Lab File: VN066313.D
Acq: 24 Mar 2021 15:40

Tgt Ion:105 Resp: 1957479
Ion Ratio Lower Upper
105 100
120 45.2 0.0 90.6





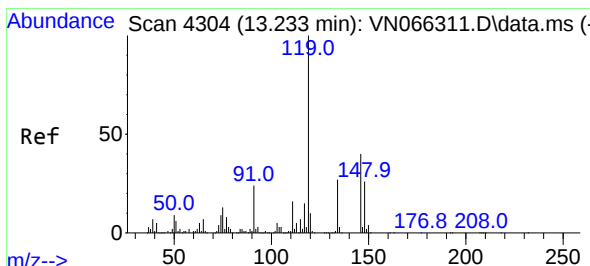
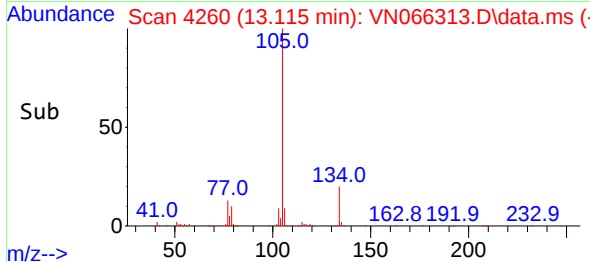
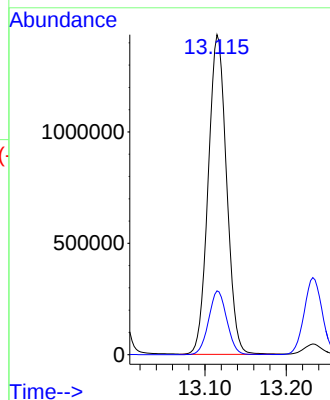
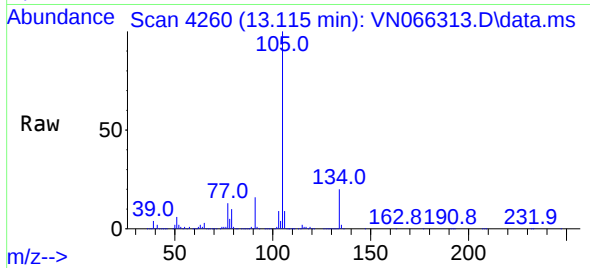
#81
sec-Butylbenzene
Concen: 96.16 ug/l
RT: 13.115 min Scan# 4260
Delta R.T. 0.000 min
Lab File: VN066313.D
Acq: 24 Mar 2021 15:40

Tgt Ion:105 Resp: 2251792
Ion Ratio Lower Upper
105 100
134 19.7 0.0 40.0

Instrument :
MSVOA_N
ClientSampleId :
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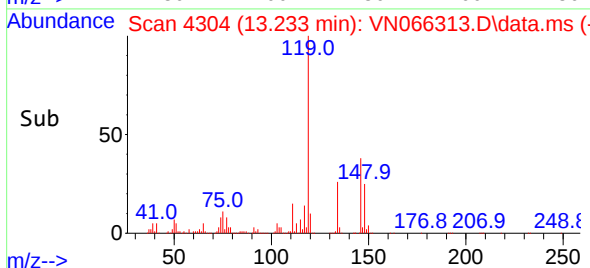
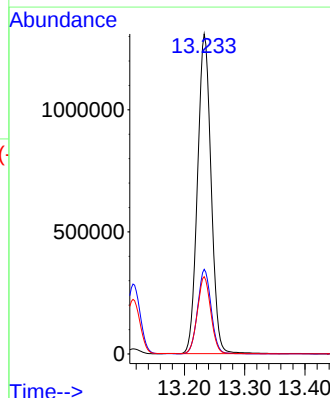
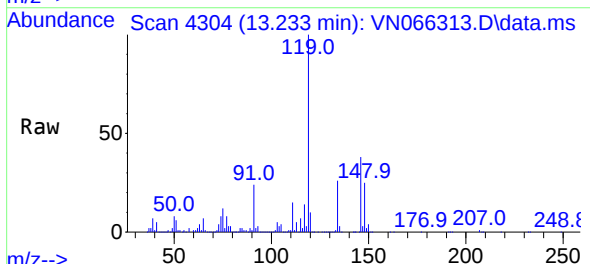
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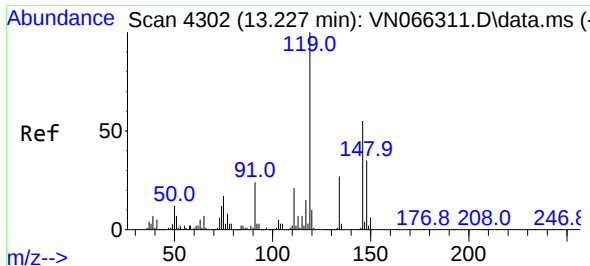
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#82
p-Isopropyltoluene
Concen: 93.36 ug/l
RT: 13.233 min Scan# 4304
Delta R.T. 0.000 min
Lab File: VN066313.D
Acq: 24 Mar 2021 15:40

Tgt Ion:119 Resp: 2046643
Ion Ratio Lower Upper
119 100
134 26.1 0.0 53.4
91 23.7 0.0 47.6





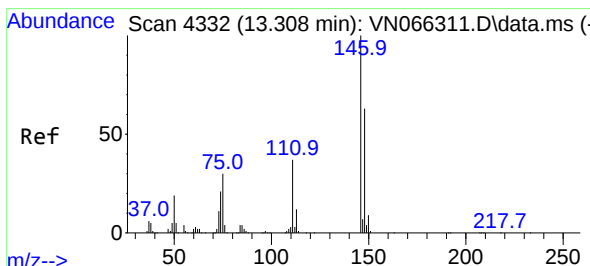
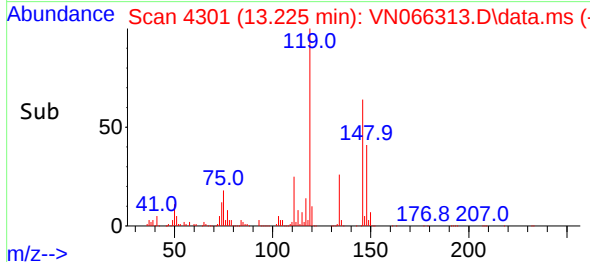
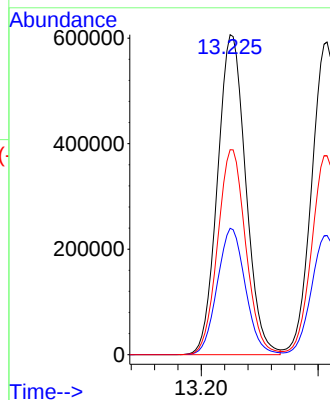
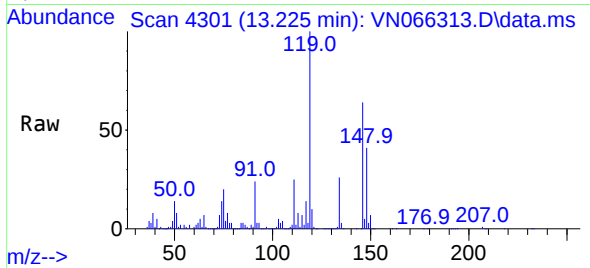
#83
1,3-Dichlorobenzene
Concen: 97.26 ug/l
RT: 13.225 min Scan# 4301
Delta R.T. -0.003 min
Lab File: VN066313.D
Acq: 24 Mar 2021 15:40

Tgt Ion:146 Resp: 1017977
Ion Ratio Lower Upper
146 100
111 39.3 19.3 57.9
148 64.0 31.9 95.9

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

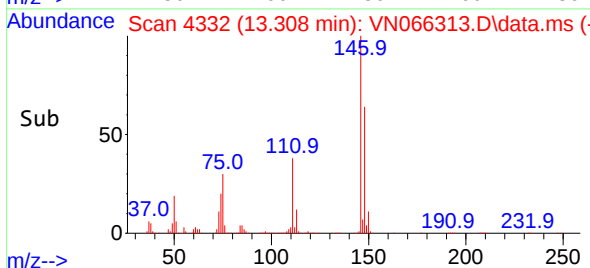
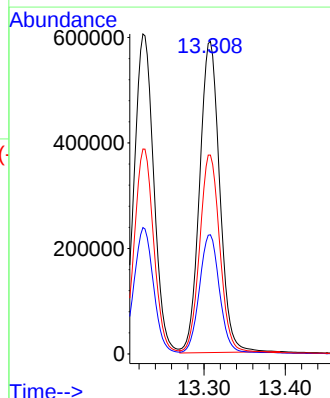
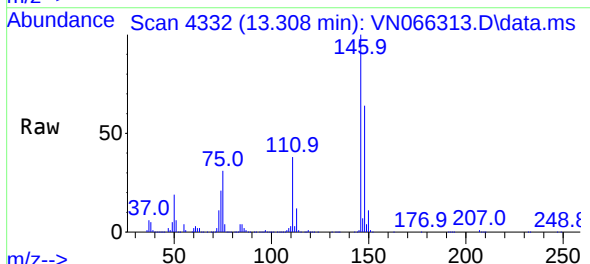
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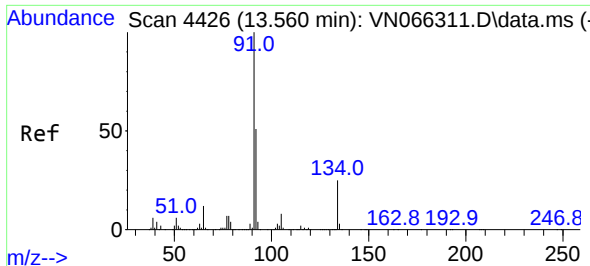
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#84
1,4-Dichlorobenzene
Concen: 99.44 ug/l
RT: 13.308 min Scan# 4332
Delta R.T. 0.000 min
Lab File: VN066313.D
Acq: 24 Mar 2021 15:40

Tgt Ion:146 Resp: 1011748
Ion Ratio Lower Upper
146 100
111 37.6 18.4 55.0
148 64.8 31.9 95.5





#85
n-Butylbenzene
Concen: 100.10 ug/l
RT: 13.557 min Scan# 4425
Delta R.T. -0.003 min
Lab File: VN066313.D
Acq: 24 Mar 2021 15:40

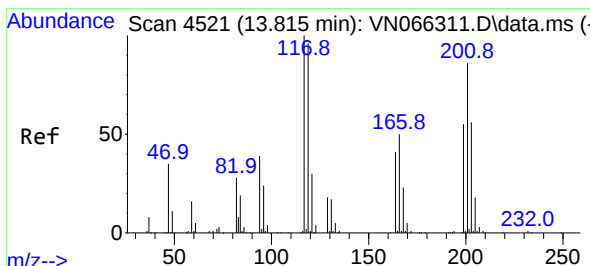
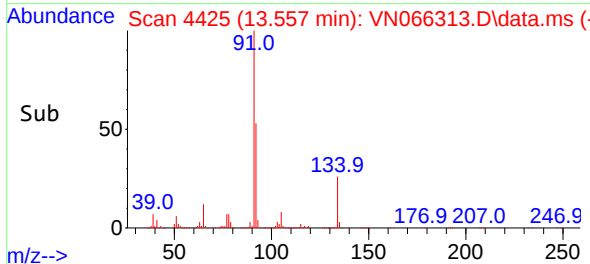
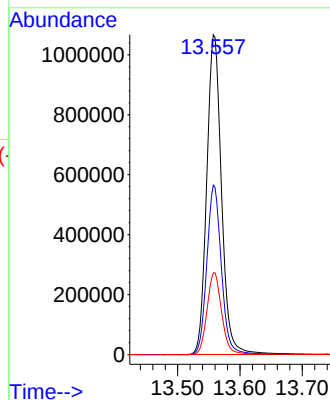
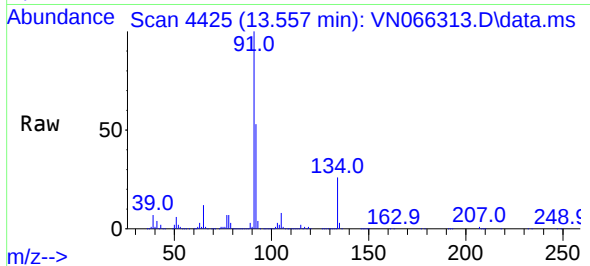
Tgt Ion: 91 Resp: 1755384

Ion	Ratio	Lower	Upper
91	100		
92	52.3	0.0	102.6
134	25.4	0.0	49.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

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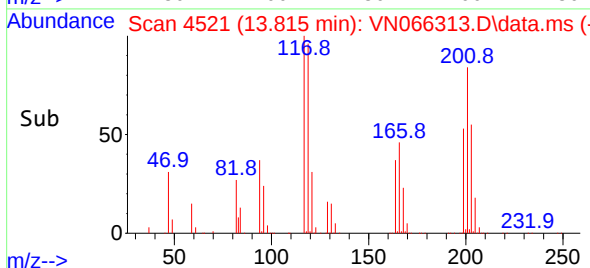
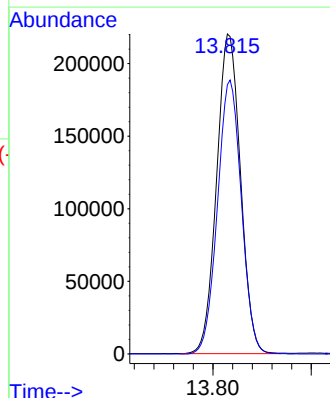
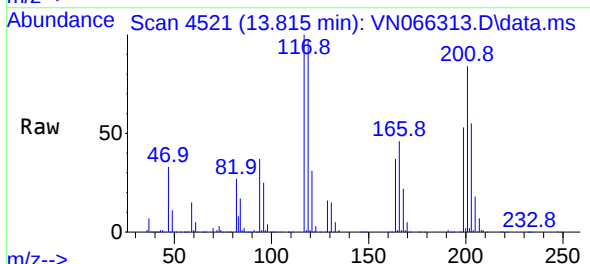
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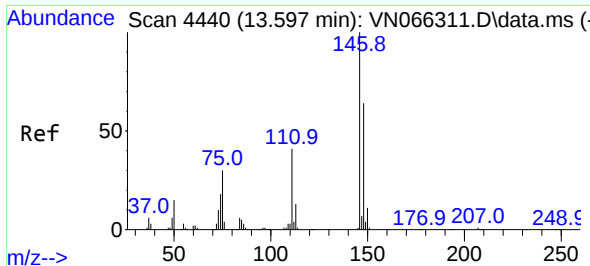


#86
Hexachloroethane
Concen: 103.67 ug/l
RT: 13.815 min Scan# 4521
Delta R.T. 0.000 min
Lab File: VN066313.D
Acq: 24 Mar 2021 15:40

Tgt Ion: 117 Resp: 370810

Ion	Ratio	Lower	Upper
117	100		
201	85.9	43.3	129.8





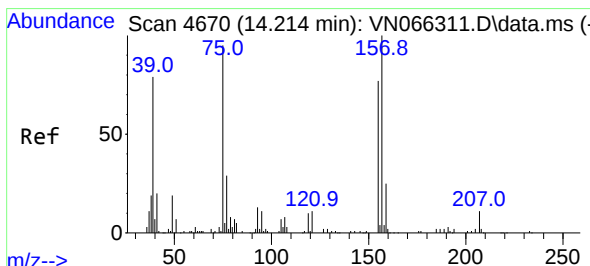
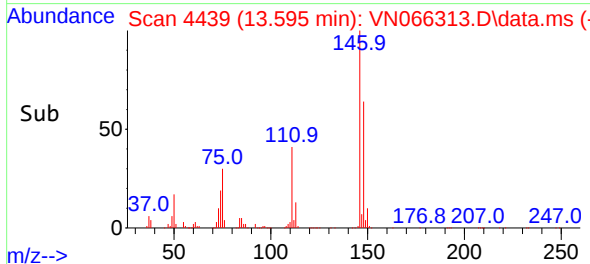
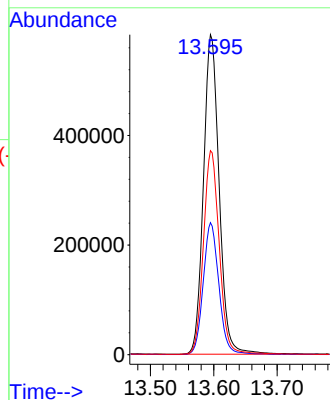
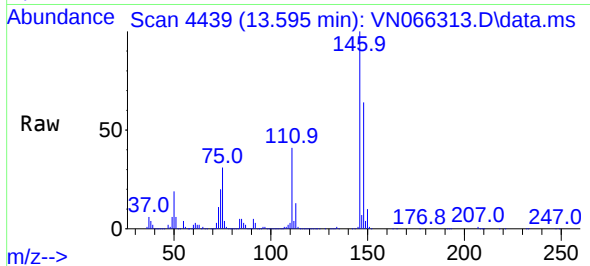
#87
1,2-Dichlorobenzene
Concen: 97.17 ug/l
RT: 13.595 min Scan# 4439
Delta R.T. -0.003 min
Lab File: VN066313.D
Acq: 24 Mar 2021 15:40

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:146 Resp: 1002841
Ion Ratio Lower Upper
146 100
111 41.1 20.3 60.9
148 64.2 32.0 96.0

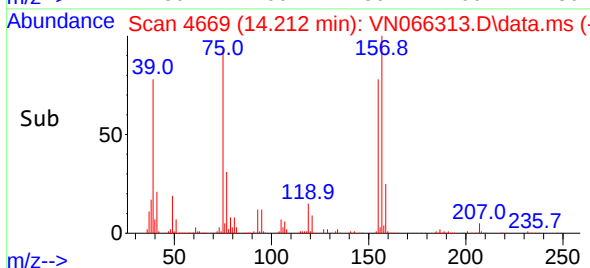
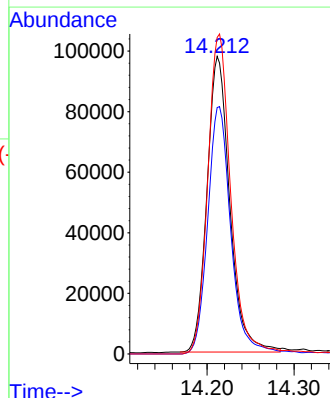
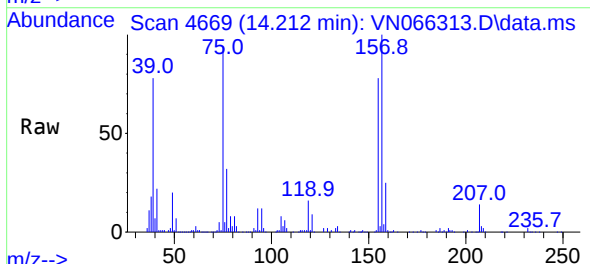
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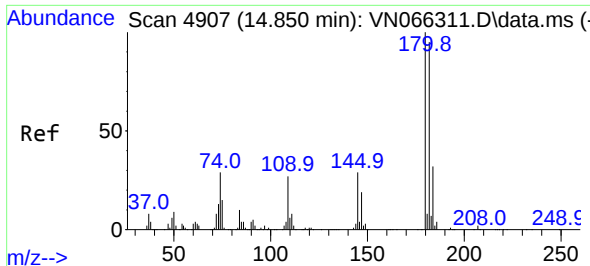
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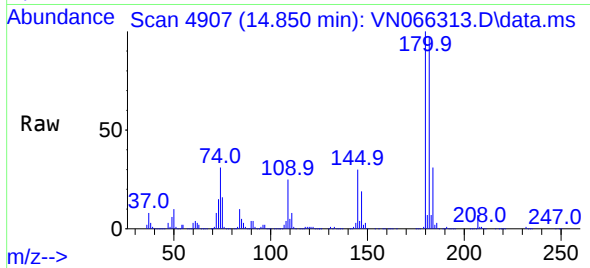
#88
1,2-Dibromo-3-Chloropropane
Concen: 107.79 ug/l
RT: 14.212 min Scan# 4669
Delta R.T. -0.003 min
Lab File: VN066313.D
Acq: 24 Mar 2021 15:40

Tgt Ion: 75 Resp: 178354
Ion Ratio Lower Upper
75 100
155 84.7 68.3 102.5
157 109.0 87.8 131.6

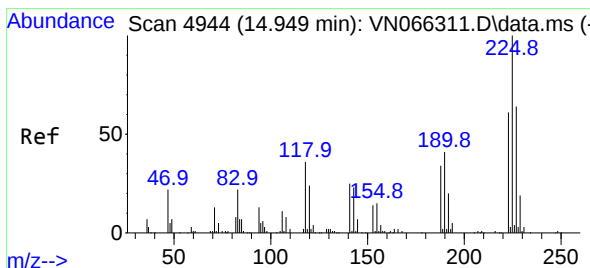
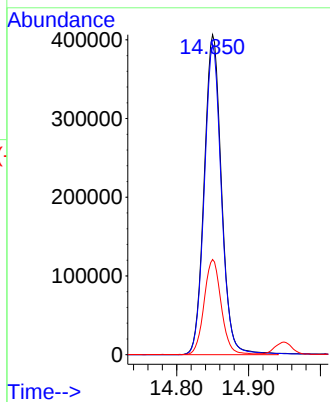
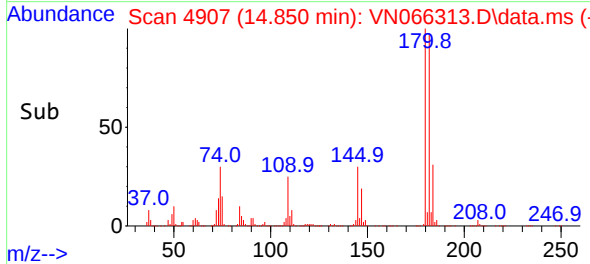




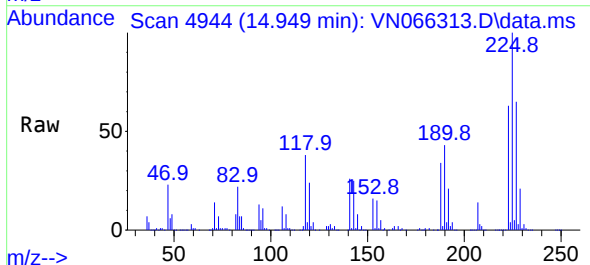
#89
1,2,4-Trichlorobenzene
Concen: 116.54 ug/l
RT: 14.850 min Scan# 4907
Delta R.T. 0.000 min
Lab File: VN066313.D
Acq: 24 Mar 2021 15:40



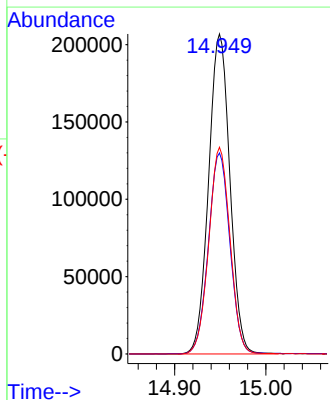
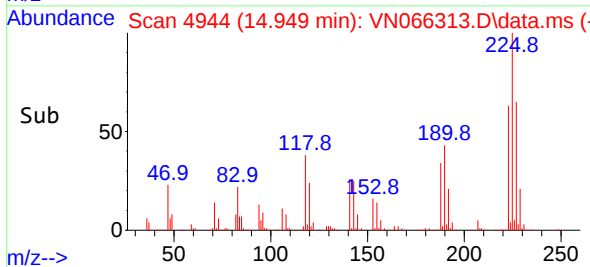
Tgt Ion:180 Resp: 682399
Ion Ratio Lower Upper
180 100
182 95.7 74.3 111.5
145 29.3 23.4 35.0



#90
Hexachlorobutadiene
Concen: 124.82 ug/l
RT: 14.949 min Scan# 4944
Delta R.T. 0.000 min
Lab File: VN066313.D
Acq: 24 Mar 2021 15:40



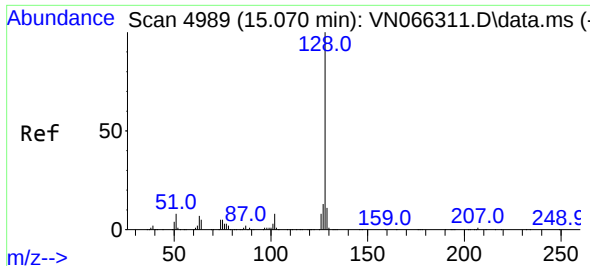
Tgt Ion:225 Resp: 335790
Ion Ratio Lower Upper
225 100
223 63.3 0.0 124.6
227 64.4 0.0 126.6



Instrument :
MSVOA_N
ClientSampleId :
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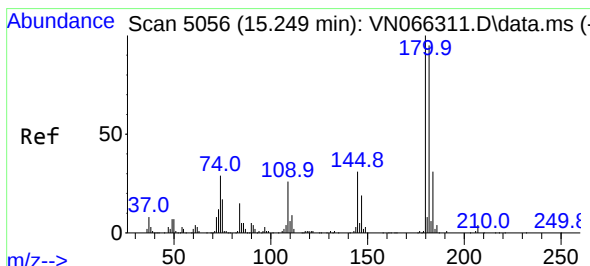
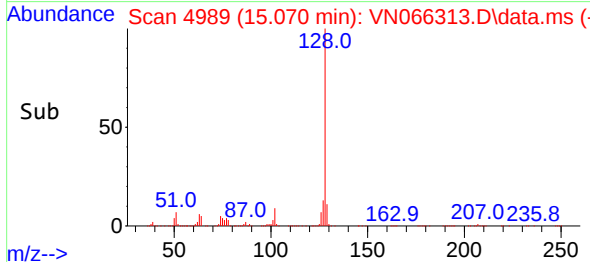
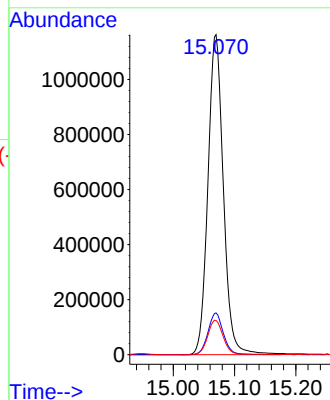
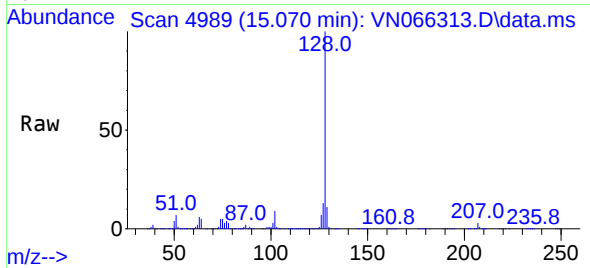
#91
Naphthalene
Concen: 118.03 ug/l
RT: 15.070 min Scan# 4989
Delta R.T. 0.000 min
Lab File: VN066313.D
Acq: 24 Mar 2021 15:40

Tgt Ion:128 Resp: 2035176
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 10.8 8.6 13.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

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#92
1,2,3-Trichlorobenzene
Concen: 113.06 ug/l
RT: 15.247 min Scan# 5055
Delta R.T. -0.003 min
Lab File: VN066313.D
Acq: 24 Mar 2021 15:40

Tgt Ion:180 Resp: 665201
Ion Ratio Lower Upper
180 100
182 95.9 0.0 190.0
145 30.6 0.0 60.8

