

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031721\
 Data File : VN066236.D
 Acq On : 17 Mar 2021 16:00
 Operator : JC/MD
 Sample : VN0317WBS02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0317WBS02

Manual Integrations
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Quant Time: Mar 18 04:45:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031621W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 17 05:05:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.590	168	277823	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.518	114	421712	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.350	117	398518	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	198219	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.952	65	176720	44.15	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 88.30%			
35) Dibromofluoromethane	7.515	113	141070	52.44	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.88%			
50) Toluene-d8	10.028	98	523778	50.35	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.70%			
62) 4-Bromofluorobenzene	12.345	95	189175	50.45	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.90%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.821	85	48446	17.72	ug/l	98
3) Chloromethane	2.022	50	75429	16.92	ug/l	100
4) Vinyl Chloride	2.151	62	63958	16.21	ug/l	100
5) Bromomethane	2.518	94	37243	16.50	ug/l	91
6) Chloroethane	2.660	64	36479	15.98	ug/l	99
7) Trichlorofluoromethane	2.969	101	79372	17.18	ug/l	97
8) Diethyl Ether	3.350	74	30993	16.43	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.688	101	40420	16.51	ug/l	98
10) Methyl Iodide	3.875	142	54028	15.59	ug/l	100
11) Tert butyl alcohol	4.715	59	59409	86.95	ug/l	98
12) 1,1-Dichloroethene	3.666	96	40082	15.37	ug/l	96
13) Acrolein	3.537	56	40511	62.53	ug/l	97
14) Allyl chloride	4.237	41	97164	15.72	ug/l	86
15) Acrylonitrile	4.886	53	177922	86.95	ug/l	99
16) Acetone	3.744	43	158157	82.25	ug/l	99
17) Carbon Disulfide	3.972	76	110793	15.04	ug/l	99
18) Methyl Acetate	4.240	43	100464	18.67	ug/l	98
19) Methyl tert-butyl Ether	4.948	73	171707	17.22	ug/l	98
20) Methylene Chloride	4.457	84	50200	16.69	ug/l	99
21) trans-1,2-Dichloroethene	4.937	96	45775	15.84	ug/l	97
22) Diisopropyl ether	5.868	45	228493	18.00	ug/l	98
23) Vinyl Acetate	5.804	43	944520	86.77	ug/l	99
24) 1,1-Dichloroethane	5.747	63	109210	17.26	ug/l	99
25) 2-Butanone	6.750	43	265974	89.05	ug/l	99
26) 2,2-Dichloropropane	6.729	77	95182	18.20	ug/l	100
27) cis-1,2-Dichloroethene	6.740	96	61493	18.46	ug/l	94
28) Bromochloromethane	7.110	49	60021	17.94	ug/l	90
29) Tetrahydrofuran	7.134	42	175624	85.39	ug/l	94
30) Chloroform	7.290	83	110019	19.04	ug/l	95
31) Cyclohexane	7.574	56	97899	16.33	ug/l #	95
32) 1,1,1-Trichloroethane	7.493	97	91432	18.41	ug/l	98
36) 1,1-Dichloropropene	7.713	75	75240	17.62	ug/l	96
37) Ethyl Acetate	6.847	43	109115	17.88	ug/l #	97
38) Carbon Tetrachloride	7.695	117	75885	19.82	ug/l	96
39) Methylcyclohexane	9.014	83	78146	17.04	ug/l	95
40) Benzene	7.965	78	240845	18.79	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.083	41	47167	15.67	ug/l #	84
42) 1,2-Dichloroethane	8.049	62	80378	17.28	ug/l	93
43) Isopropyl Acetate	8.094	43	147201	15.60	ug/l #	94
44) Trichloroethene	8.767	130	62932	20.19	ug/l	94
45) 1,2-Dichloropropane	9.052	63	66790	18.00	ug/l	99
46) Dibromomethane	9.140	93	41140	19.90	ug/l	92
47) Bromodichloromethane	9.339	83	82727	18.35	ug/l	99
48) Methyl methacrylate	9.137	41	68403	15.29	ug/l	89
49) 1,4-Dioxane	9.137	88	18294	376.82	ug/l	93
51) 4-Methyl-2-Pentanone	9.923	43	460449	80.72	ug/l	93
52) Toluene	10.092	92	143868	19.36	ug/l	99
53) t-1,3-Dichloropropene	10.320	75	90513	17.76	ug/l	99
54) cis-1,3-Dichloropropene	9.778	75	99506	17.97	ug/l #	88
55) 1,1,2-Trichloroethane	10.503	97	60346	19.83	ug/l	98
56) Ethyl methacrylate	10.371	69	83499	16.86	ug/l #	84
57) 1,3-Dichloropropane	10.647	76	103875	18.92	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.634	63	46182	108.82	ug/l	92
59) 2-Hexanone	10.693	43	321662	73.07	ug/l	92
60) Dibromochloromethane	10.843	129	63975	20.07	ug/l	98
61) 1,2-Dibromoethane	10.948	107	61157	20.18	ug/l	98
64) Tetrachloroethene	10.572	164	70986	21.48	ug/l	96
65) Chlorobenzene	11.374	112	153856	19.24	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.449	131	60321	20.14	ug/l	99
67) Ethyl Benzene	11.455	91	253168	17.85	ug/l	98
68) m/p-Xylenes	11.565	106	201820	38.36	ug/l	90
69) o-Xylene	11.892	106	99661	19.72	ug/l	88
70) Styrene	11.908	104	164636	18.93	ug/l	96
71) Bromoform	12.072	173	48630	20.48	ug/l #	97
73) Isopropylbenzene	12.192	105	248364	17.88	ug/l	96
74) N-amyl acetate	12.015	43	89408	13.25	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.450	83	90424	18.63	ug/l	97
76) 1,2,3-Trichloropropane	12.498	75	84477m	16.50	ug/l	
77) Bromobenzene	12.468	156	73225	20.10	ug/l	81
78) n-propylbenzene	12.535	91	279861	17.52	ug/l	94
79) 2-Chlorotoluene	12.616	91	169994	17.42	ug/l	92
80) 1,3,5-Trimethylbenzene	12.678	105	207623	18.02	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.243	75	25938	15.16	ug/l	90
82) 4-Chlorotoluene	12.718	91	174934	16.80	ug/l	91
83) tert-Butylbenzene	12.938	119	175132	17.42	ug/l	95
84) 1,2,4-Trimethylbenzene	12.983	105	205148	18.21	ug/l	93
85) sec-Butylbenzene	13.115	105	229493	17.81	ug/l	96
86) p-Isopropyltoluene	13.233	119	211901	18.75	ug/l	97
87) 1,3-Dichlorobenzene	13.227	146	120158	19.46	ug/l	98
88) 1,4-Dichlorobenzene	13.308	146	120466	18.63	ug/l	98
89) n-Butylbenzene	13.560	91	177417	17.19	ug/l	97
90) Hexachloroethane	13.815	117	31516	15.93	ug/l	90
91) 1,2-Dichlorobenzene	13.595	146	122577	20.15	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.214	75	16421	15.74	ug/l	73
93) 1,2,4-Trichlorobenzene	14.853	180	81279	20.45	ug/l	98
94) Hexachlorobutadiene	14.949	225	40590	21.01	ug/l	97
95) Naphthalene	15.070	128	239616	20.62	ug/l	100
96) 1,2,3-Trichlorobenzene	15.250	180	79721	20.14	ug/l	97

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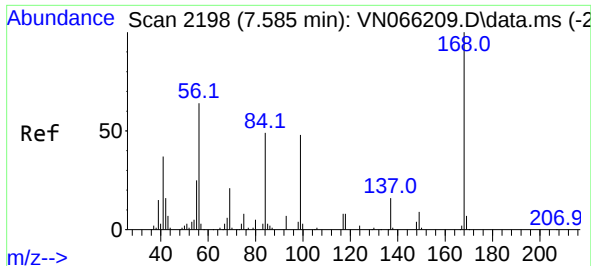
Manual Integrations
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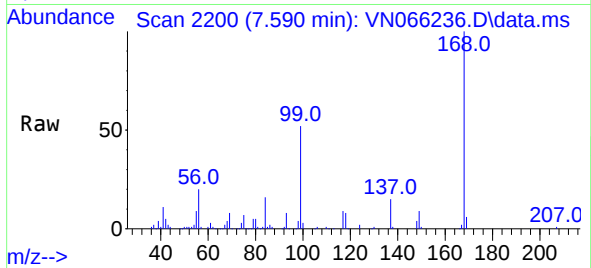
Quant Time: Mar 18 04:45:16 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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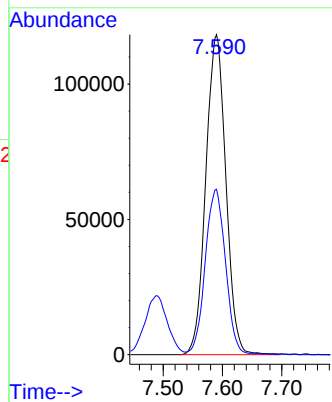
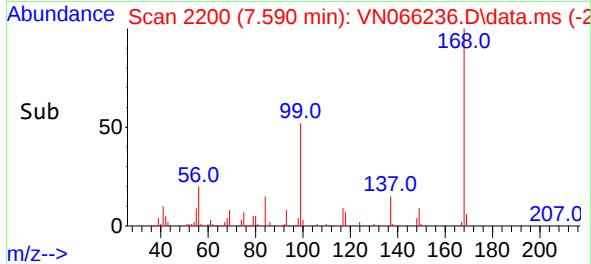
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.590 min Scan# 2200
Delta R.T. 0.005 min
Lab File: VN066236.D
Acq: 17 Mar 2021 16:00



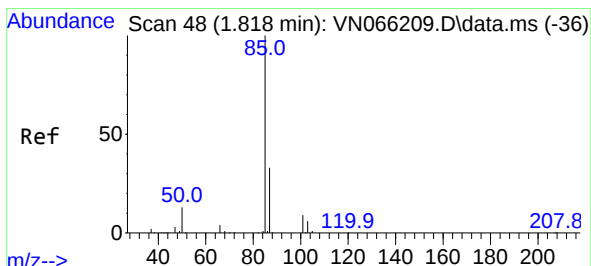
Tgt Ion: 168 Resp: 277823
Ion Ratio Lower Upper
168 100
99 51.5 45.4 68.0



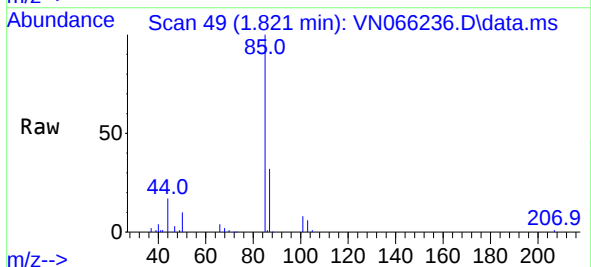
Instrument :
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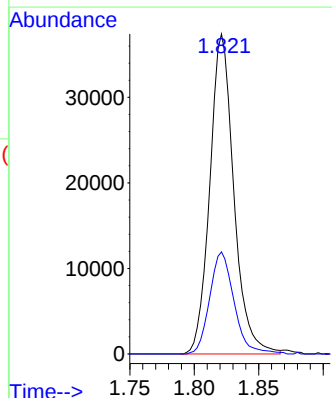
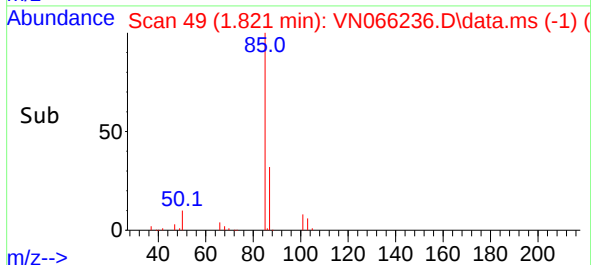
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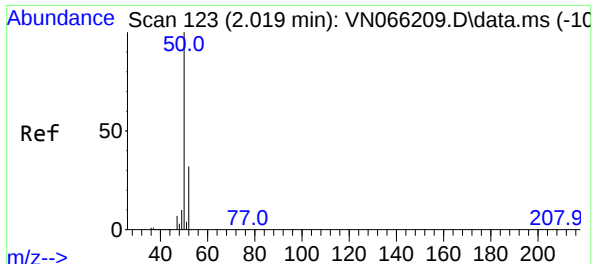


#2
Dichlorodifluoromethane
Concen: 17.72 ug/l
RT: 1.821 min Scan# 49
Delta R.T. 0.003 min
Lab File: VN066236.D
Acq: 17 Mar 2021 16:00



Tgt Ion: 85 Resp: 48446
Ion Ratio Lower Upper
85 100
87 31.9 16.4 49.2





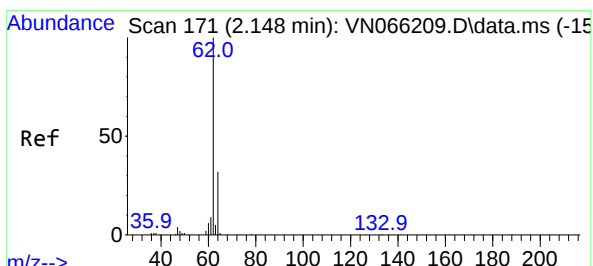
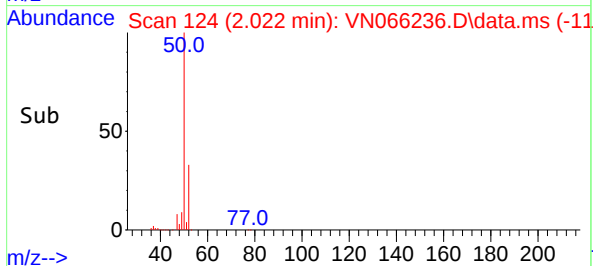
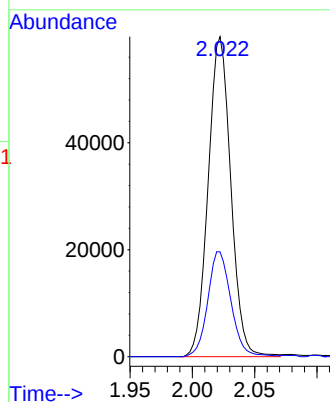
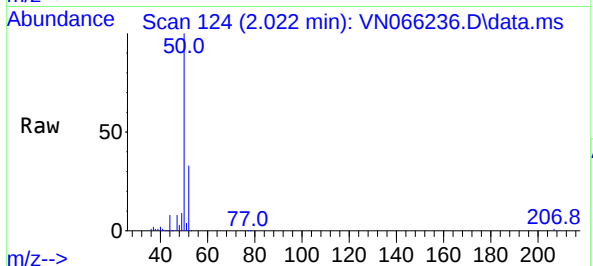
#3
Chloromethane
Concen: 16.92 ug/l
RT: 2.022 min Scan# 124
Delta R.T. 0.003 min
Lab File: VN066236.D
Acq: 17 Mar 2021 16:00

Tgt Ion: 50 Resp: 75429
Ion Ratio Lower Upper
50 100
52 32.8 26.2 39.4

Instrument :
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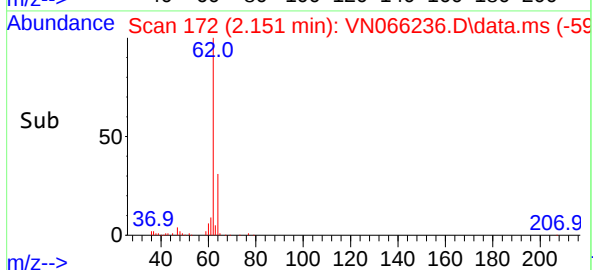
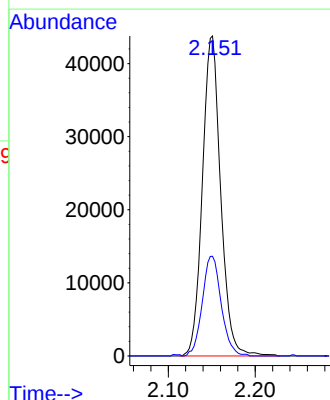
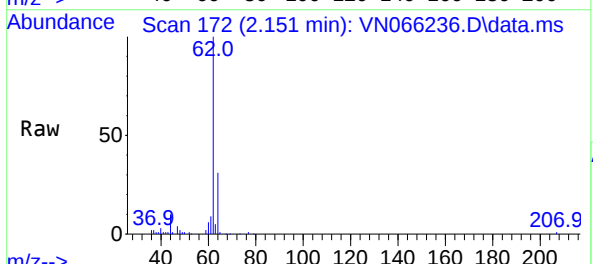
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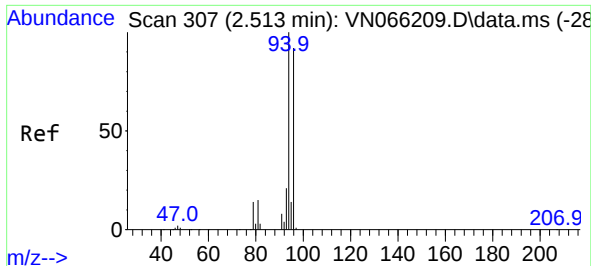
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#4
Vinyl Chloride
Concen: 16.21 ug/l
RT: 2.151 min Scan# 172
Delta R.T. 0.003 min
Lab File: VN066236.D
Acq: 17 Mar 2021 16:00

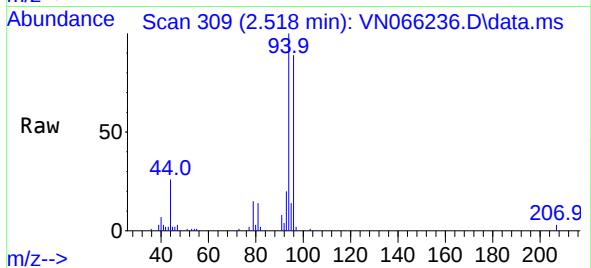
Tgt Ion: 62 Resp: 63958
Ion Ratio Lower Upper
62 100
64 31.2 24.9 37.3





#5
Bromomethane
Concen: 16.50 ug/l
RT: 2.518 min Scan# 309
Delta R.T. 0.005 min
Lab File: VN066236.D
Acq: 17 Mar 2021 16:00

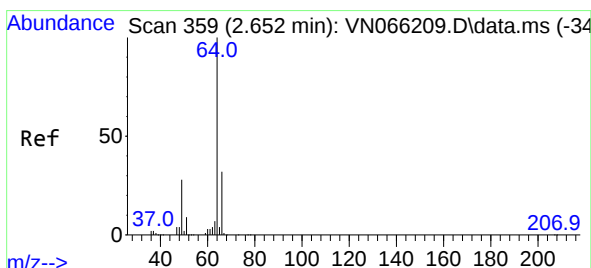
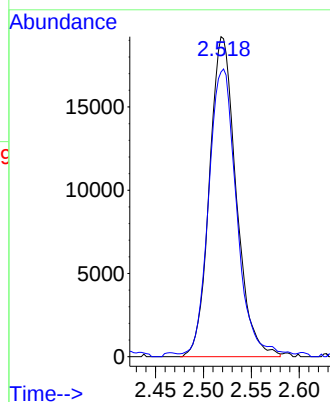
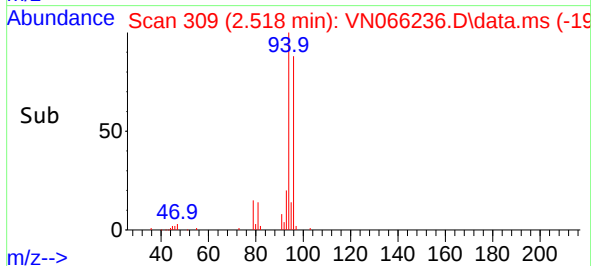
Instrument :
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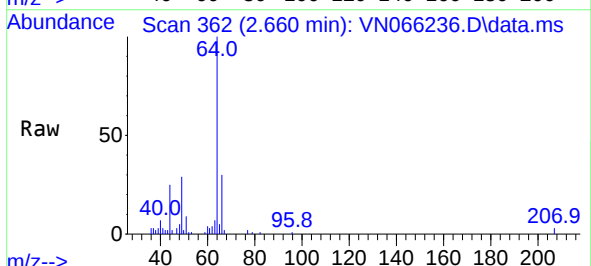
Tgt Ion: 94 Resp: 37243
Ion Ratio Lower Upper
94 100
96 88.1 77.3 115.9

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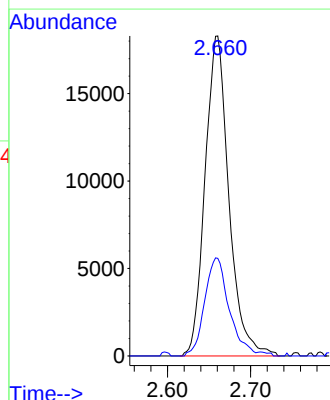
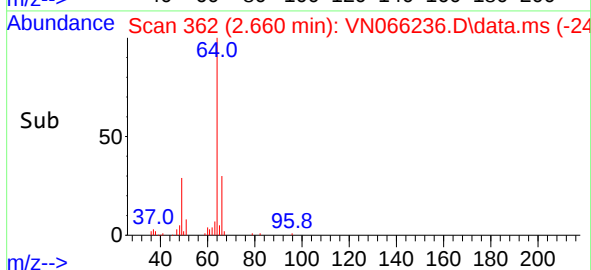
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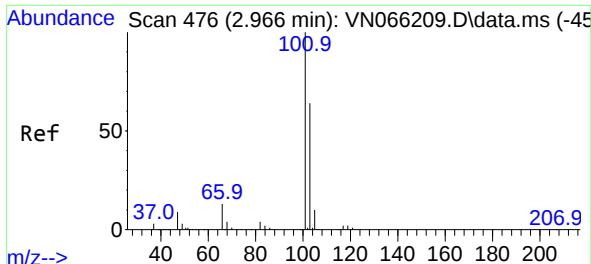


#6
Chloroethane
Concen: 15.98 ug/l
RT: 2.660 min Scan# 362
Delta R.T. 0.008 min
Lab File: VN066236.D
Acq: 17 Mar 2021 16:00



Tgt Ion: 64 Resp: 36479
Ion Ratio Lower Upper
64 100
66 30.5 24.8 37.2





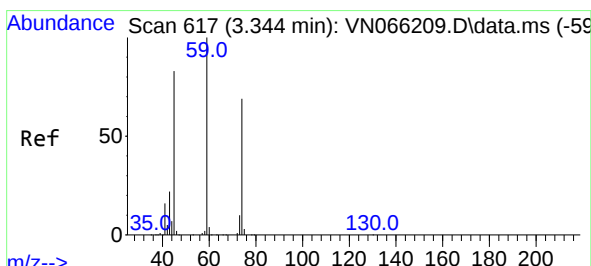
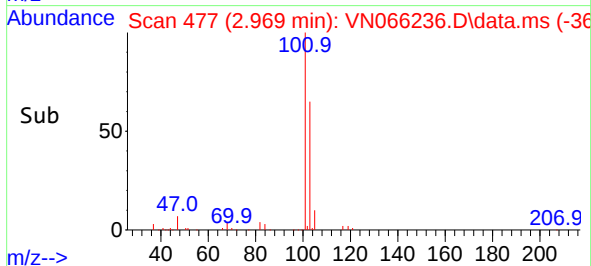
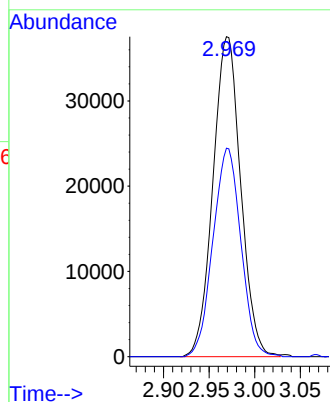
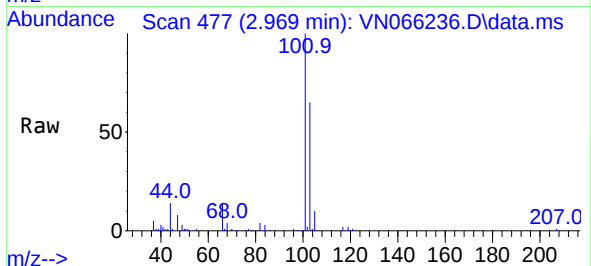
#7
Trichlorofluoromethane
Concen: 17.18 ug/l
RT: 2.969 min Scan# 477
Delta R.T. 0.003 min
Lab File: VN066236.D
Acq: 17 Mar 2021 16:00

Tgt Ion:101 Resp: 79372
Ion Ratio Lower Upper
101 100
103 65.2 50.3 75.5

Instrument :
MSVOA_N
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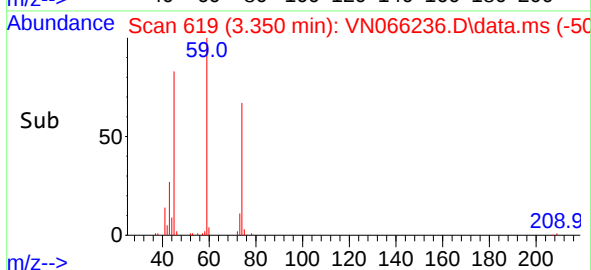
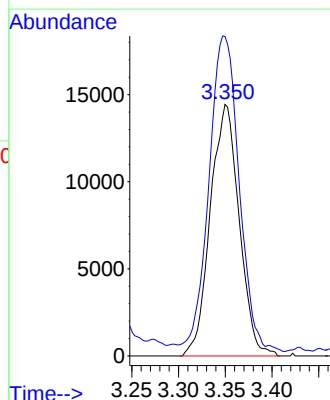
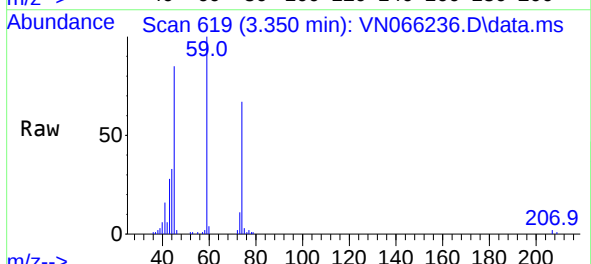
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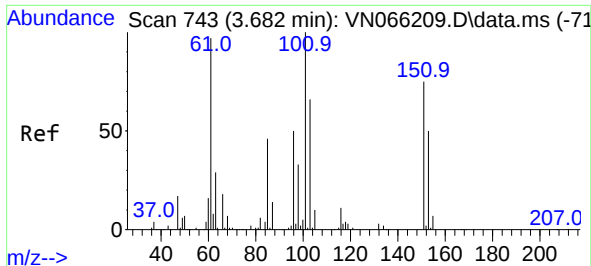
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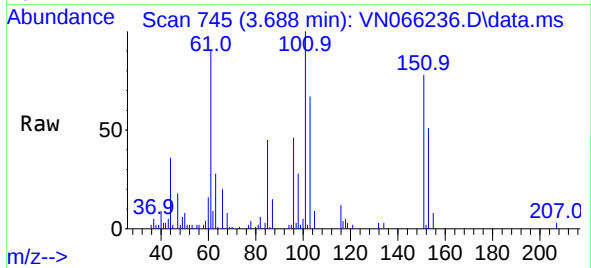
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Diethyl Ether
Concen: 16.43 ug/l
RT: 3.350 min Scan# 619
Delta R.T. 0.006 min
Lab File: VN066236.D
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Tgt Ion: 74 Resp: 30993
Ion Ratio Lower Upper
74 100
45 131.3 66.1 198.4

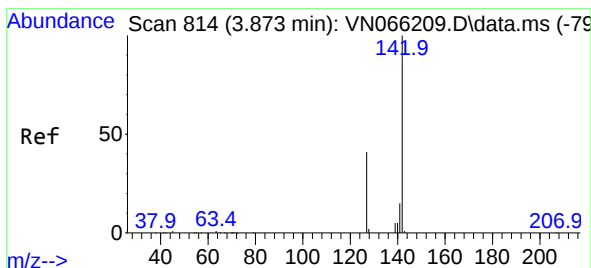
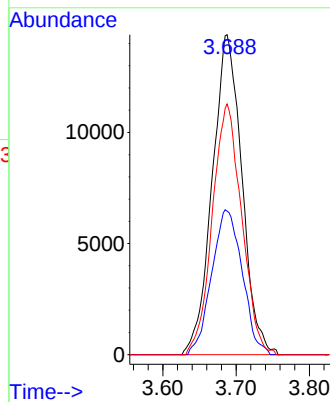
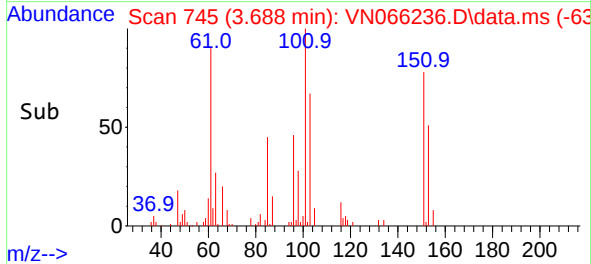




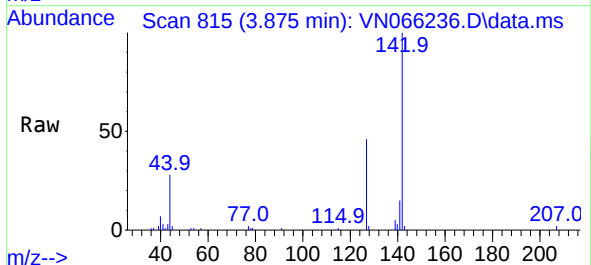
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1,1,2-Trichlorotrifluoroethane
Concen: 16.51 ug/l
RT: 3.688 min Scan# 745
Delta R.T. 0.006 min
Lab File: VN066236.D
Acq: 17 Mar 2021 16:00



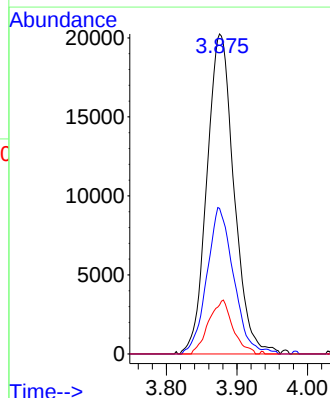
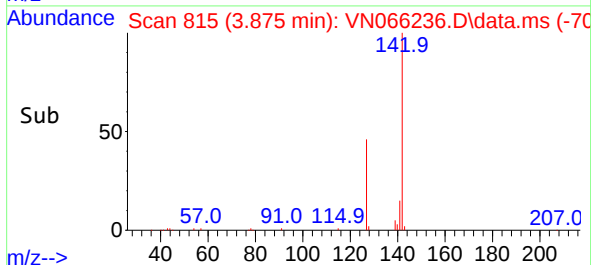
Tgt Ion:101 Resp: 40420
Ion Ratio Lower Upper
101 100
85 46.7 36.6 54.8
151 77.7 61.0 91.6



#10
Methyl Iodide
Concen: 15.59 ug/l
RT: 3.875 min Scan# 815
Delta R.T. 0.002 min
Lab File: VN066236.D
Acq: 17 Mar 2021 16:00



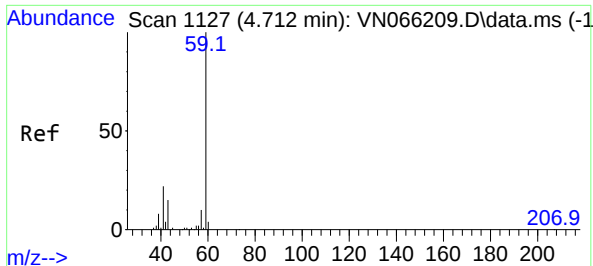
Tgt Ion:142 Resp: 54028
Ion Ratio Lower Upper
142 100
127 44.8 35.9 53.9
141 15.0 11.8 17.8



Instrument :
MSVOA_N
ClientSampleId :
VN0317WBS02

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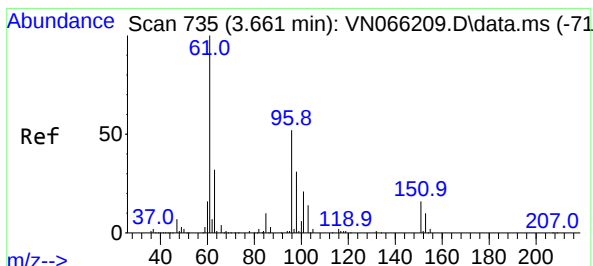
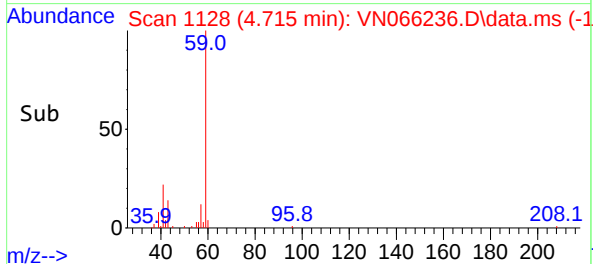
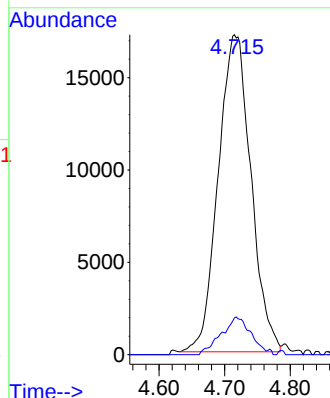
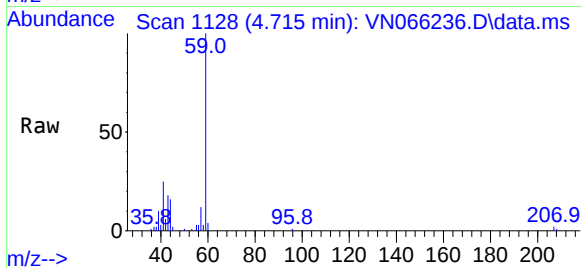
#11
Tert butyl alcohol
Concen: 86.95 ug/l
RT: 4.715 min Scan# 1128
Delta R.T. 0.003 min
Lab File: VN066236.D
Acq: 17 Mar 2021 16:00

Tgt Ion: 59 Resp: 59409
Ion Ratio Lower Upper
59 100
57 10.7 8.0 12.0

Instrument :
MSVOA_N
ClientSampleId :
VN0317WBS02

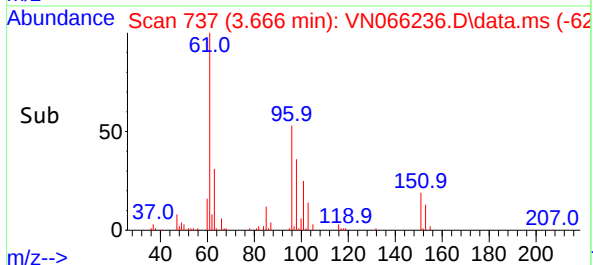
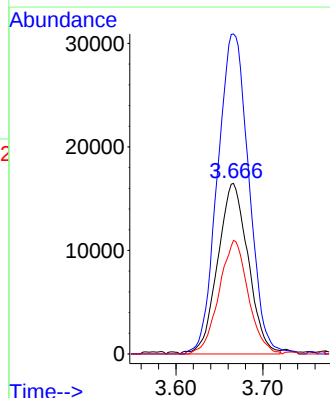
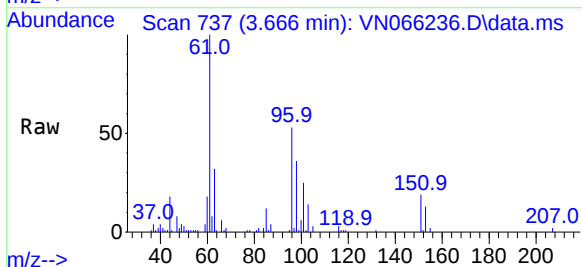
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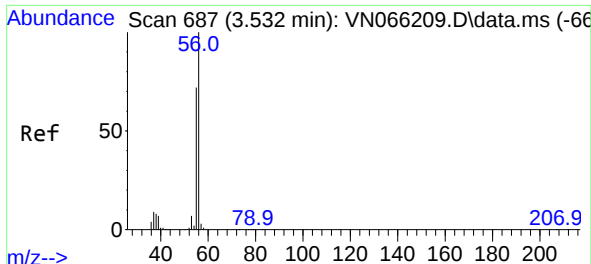
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#12
1,1-Dichloroethene
Concen: 15.37 ug/l
RT: 3.666 min Scan# 737
Delta R.T. 0.005 min
Lab File: VN066236.D
Acq: 17 Mar 2021 16:00

Tgt Ion: 96 Resp: 40082
Ion Ratio Lower Upper
96 100
61 187.6 155.4 233.2
98 66.6 50.8 76.2





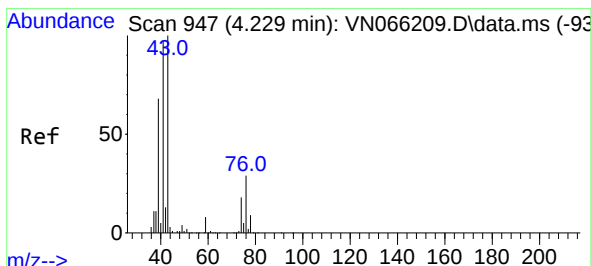
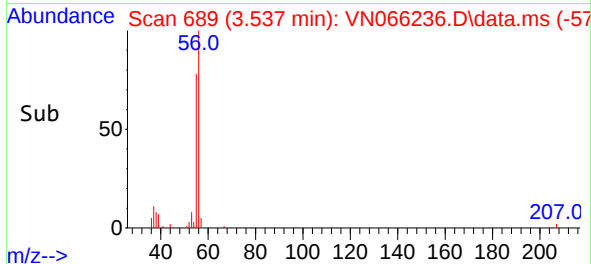
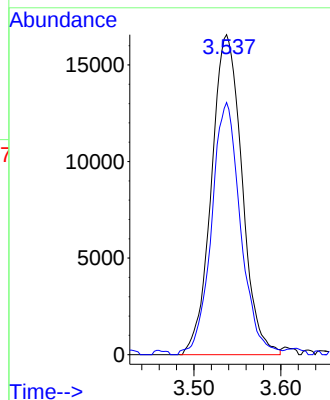
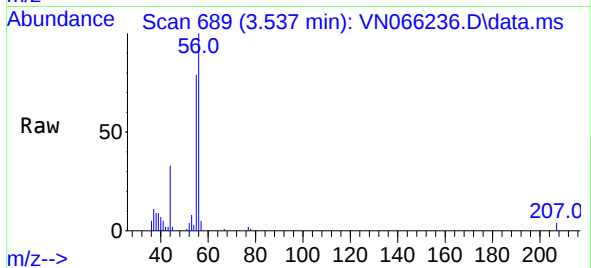
#13
Acrolein
Concen: 62.53 ug/l
RT: 3.537 min Scan# 689
Delta R.T. 0.005 min
Lab File: VN066236.D
Acq: 17 Mar 2021 16:00

Tgt Ion: 56 Resp: 40511
Ion Ratio Lower Upper
56 100
55 74.9 58.0 87.0

Instrument :
MSVOA_N
ClientSampleId :
VN0317WBS02

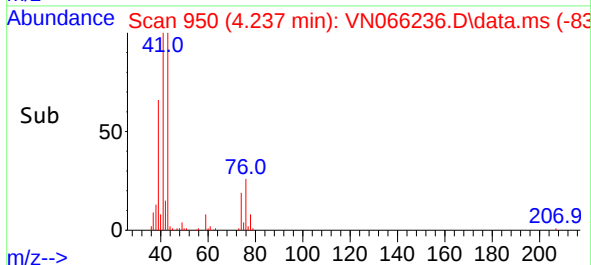
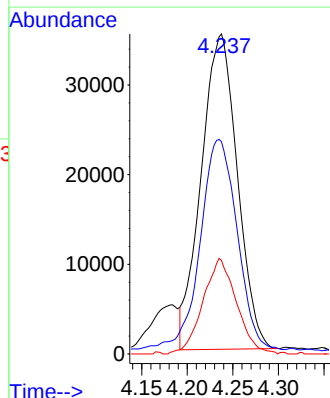
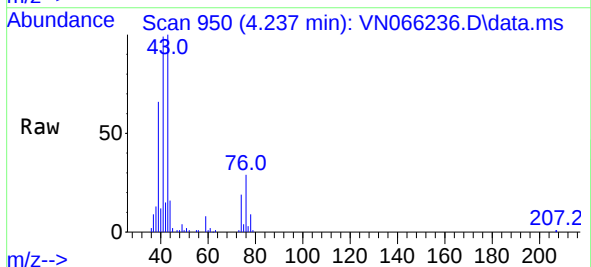
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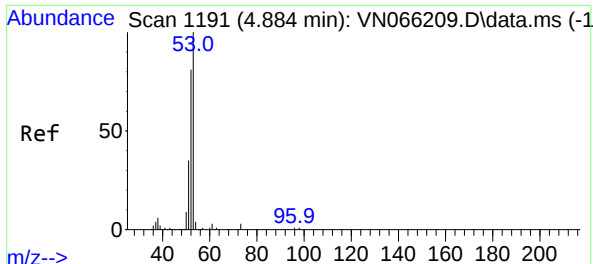
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#14
Allyl chloride
Concen: 15.72 ug/l
RT: 4.237 min Scan# 950
Delta R.T. 0.008 min
Lab File: VN066236.D
Acq: 17 Mar 2021 16:00

Tgt Ion: 41 Resp: 97164
Ion Ratio Lower Upper
41 100
39 69.4 46.4 69.6
76 28.0 18.8 28.2





#15
Acrylonitrile
Concen: 86.95 ug/l
RT: 4.886 min Scan# 1192
Delta R.T. 0.002 min
Lab File: VN066236.D
Acq: 17 Mar 2021 16:00

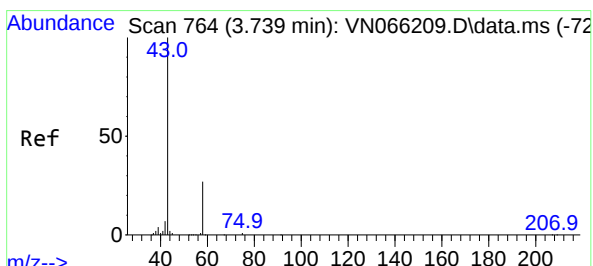
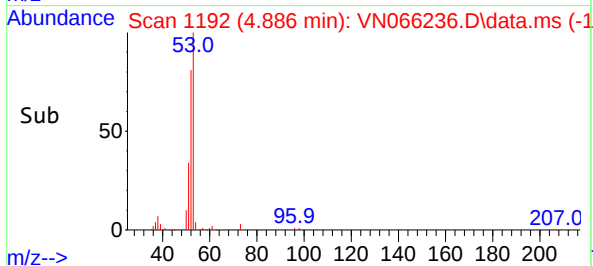
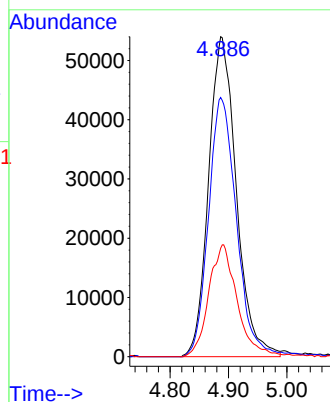
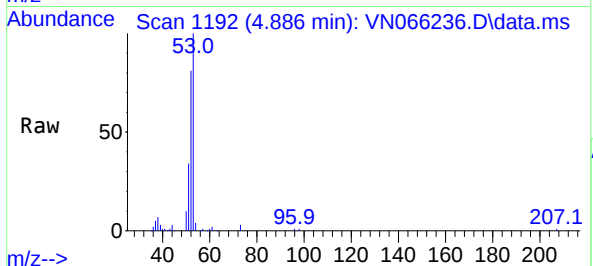
Tgt Ion: 53 Resp: 177922

Ion	Ratio	Lower	Upper
53	100		
52	81.6	66.2	99.2
51	35.8	28.5	42.7

Instrument :
MSVOA_N
ClientSampleId :
VN0317WBS02

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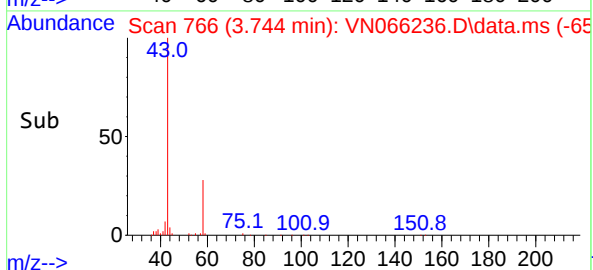
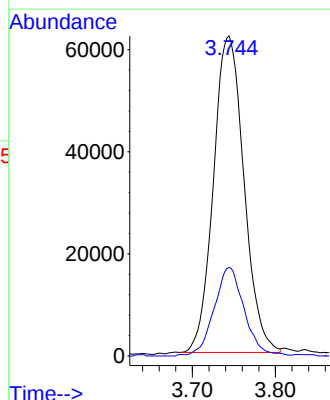
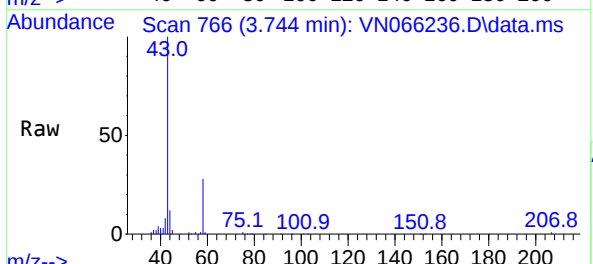
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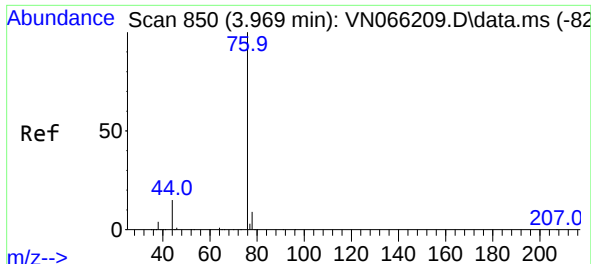


#16
Acetone
Concen: 82.25 ug/l
RT: 3.744 min Scan# 766
Delta R.T. 0.005 min
Lab File: VN066236.D
Acq: 17 Mar 2021 16:00

Tgt Ion: 43 Resp: 158157

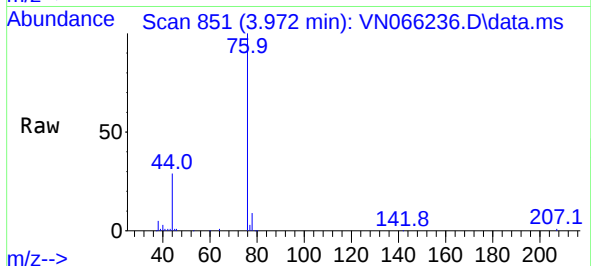
Ion	Ratio	Lower	Upper
43	100		
58	27.5	22.3	33.5





#17
Carbon Disulfide
Concen: 15.04 ug/l
RT: 3.972 min Scan# 851
Delta R.T. 0.003 min
Lab File: VN066236.D
Acq: 17 Mar 2021 16:00

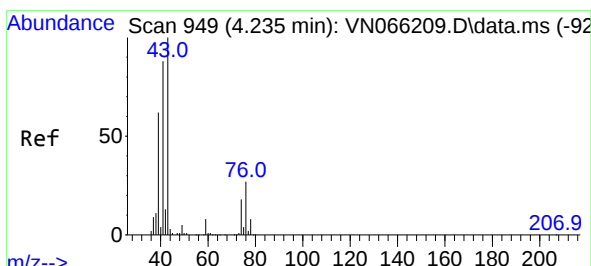
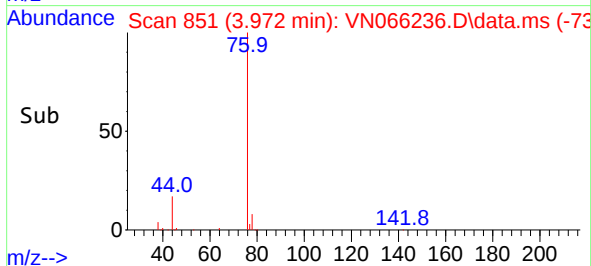
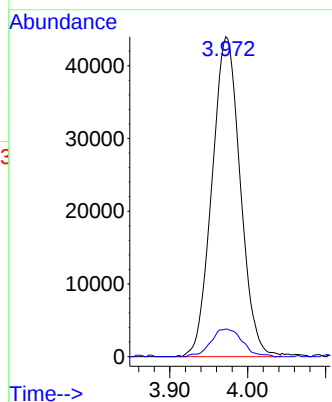
Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 76 Resp: 110793
Ion Ratio Lower Upper
76 100
78 8.7 7.3 10.9

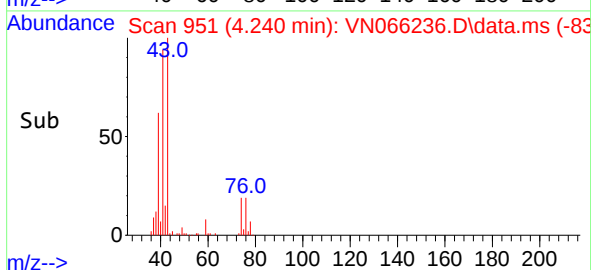
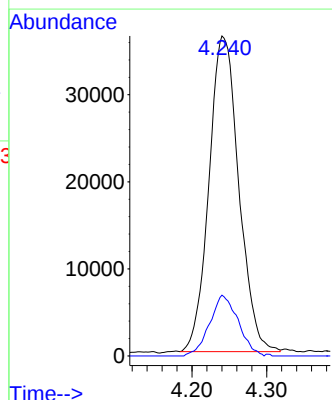
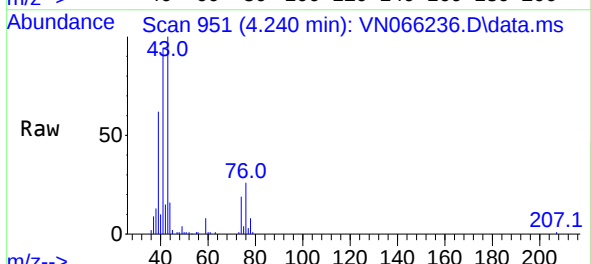
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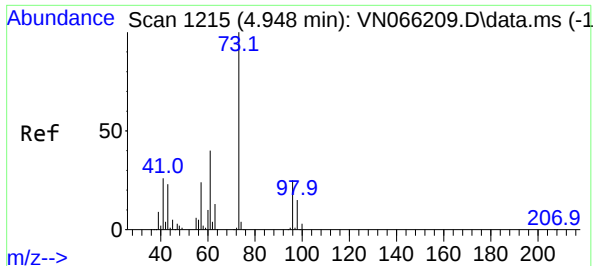
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#18
Methyl Acetate
Concen: 18.67 ug/l
RT: 4.240 min Scan# 951
Delta R.T. 0.005 min
Lab File: VN066236.D
Acq: 17 Mar 2021 16:00

Tgt Ion: 43 Resp: 100464
Ion Ratio Lower Upper
43 100
74 18.4 14.2 21.2





#19

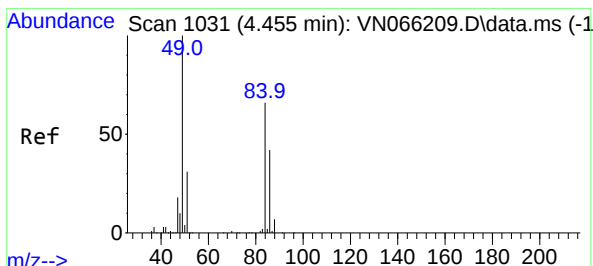
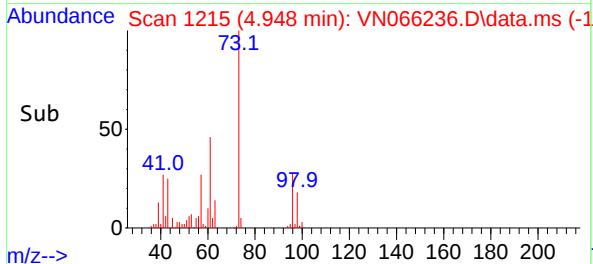
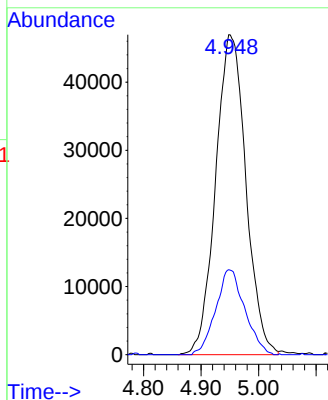
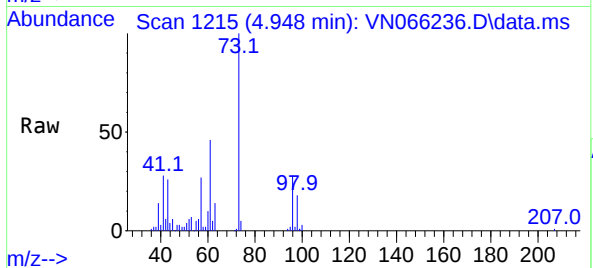
Methyl tert-butyl Ether
Concen: 17.22 ug/l
RT: 4.948 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN066236.D
Acq: 17 Mar 2021 16:00

Tgt Ion: 73 Resp: 171707
Ion Ratio Lower Upper
73 100
57 26.5 20.3 30.5

Instrument :
MSVOA_N
ClientSampleId :
VN0317WBS02

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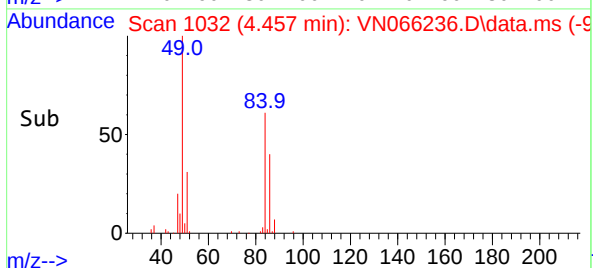
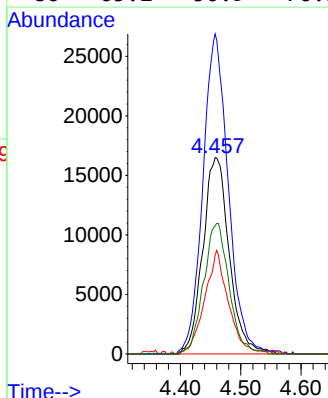
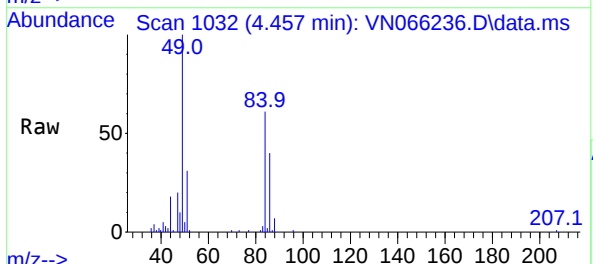
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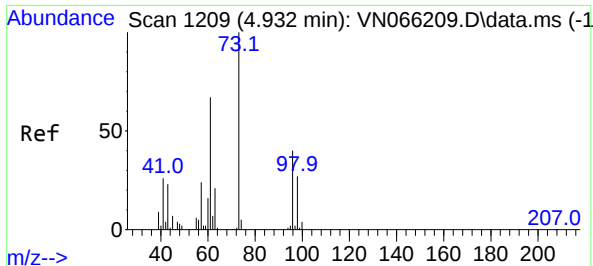


#20

Methylene Chloride
Concen: 16.69 ug/l
RT: 4.457 min Scan# 1032
Delta R.T. 0.002 min
Lab File: VN066236.D
Acq: 17 Mar 2021 16:00

Tgt Ion: 84 Resp: 50200
Ion Ratio Lower Upper
84 100
49 161.7 130.0 195.0
51 50.4 39.1 58.7
86 65.2 50.9 76.3



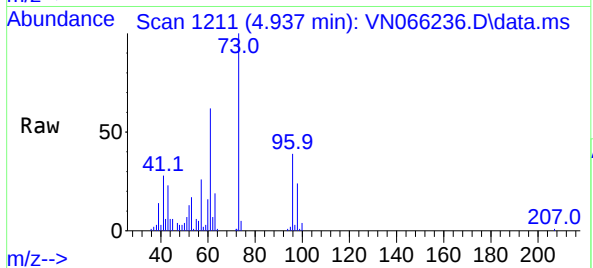


#21
trans-1,2-Dichloroethene
Concen: 15.84 ug/l
RT: 4.937 min Scan# 1211
Delta R.T. 0.005 min
Lab File: VN066236.D
Acq: 17 Mar 2021 16:00

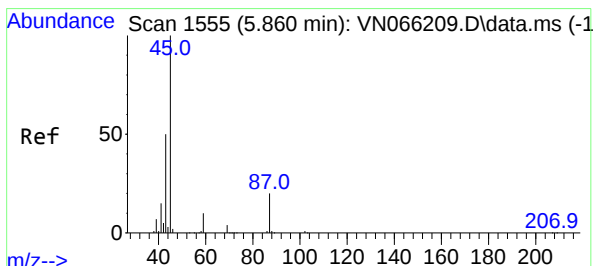
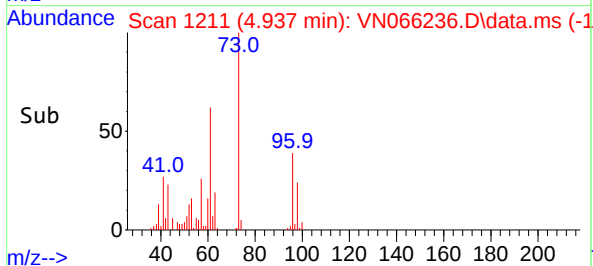
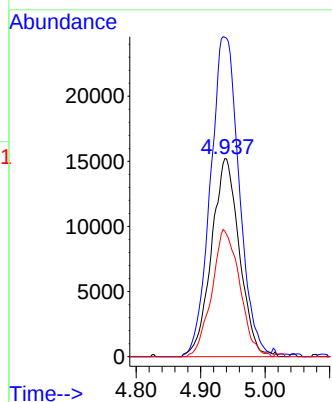
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBS02

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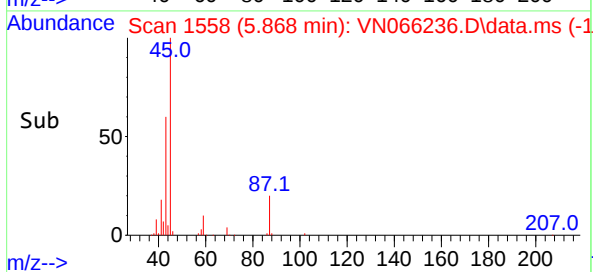
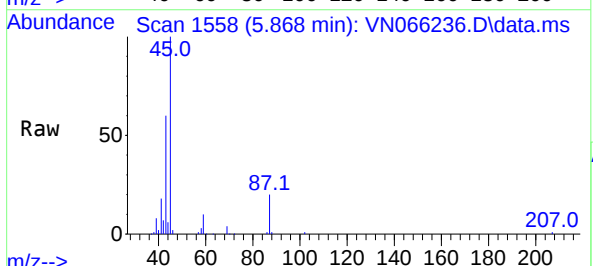
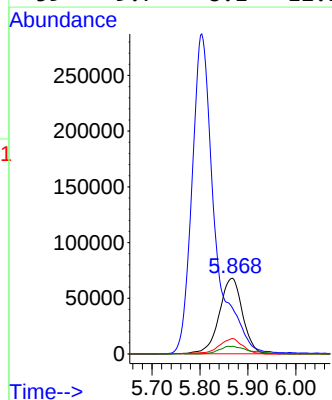


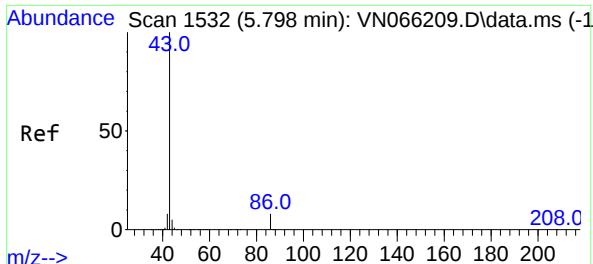
Tgt Ion: 96 Resp: 45775
Ion Ratio Lower Upper
96 100
61 161.2 133.2 199.8
98 63.4 52.0 78.0



#22
Diisopropyl ether
Concen: 18.00 ug/l
RT: 5.868 min Scan# 1558
Delta R.T. 0.008 min
Lab File: VN066236.D
Acq: 17 Mar 2021 16:00

Tgt Ion: 45 Resp: 228493
Ion Ratio Lower Upper
45 100
43 58.6 45.0 67.4
87 20.4 16.4 24.6
59 9.7 8.1 12.1



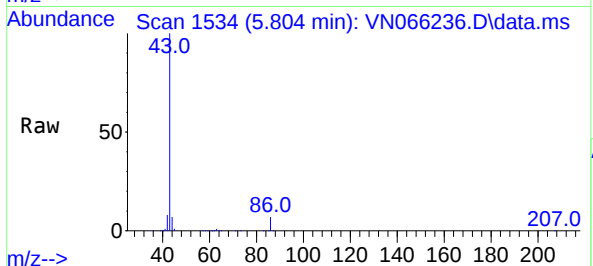


#23
 Vinyl Acetate
 Concen: 86.77 ug/l
 RT: 5.804 min Scan# 1534
 Delta R.T. 0.006 min
 Lab File: VN066236.D
 Acq: 17 Mar 2021 16:00

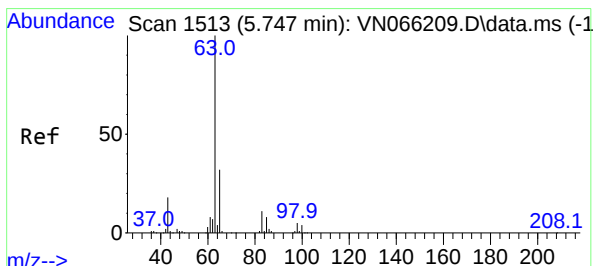
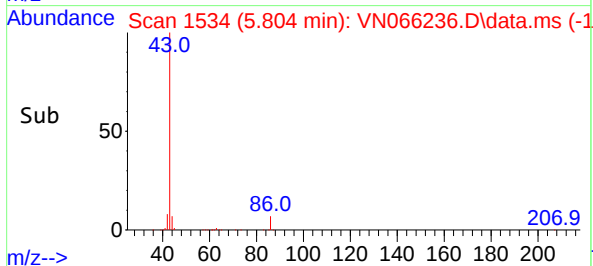
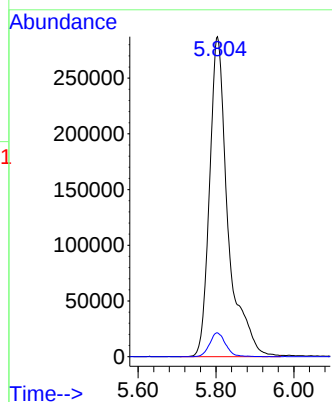
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0317WBS02

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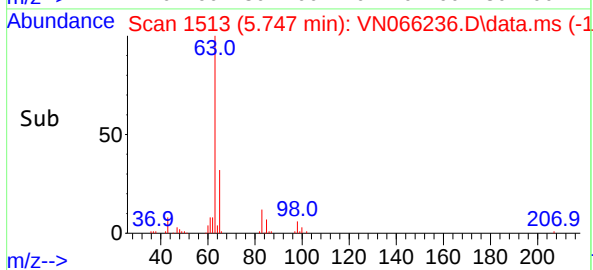
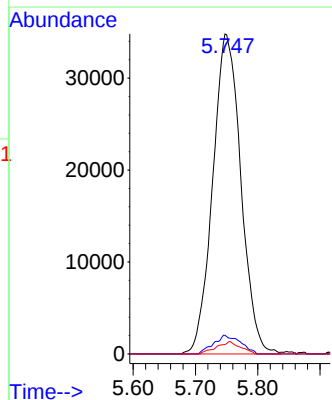
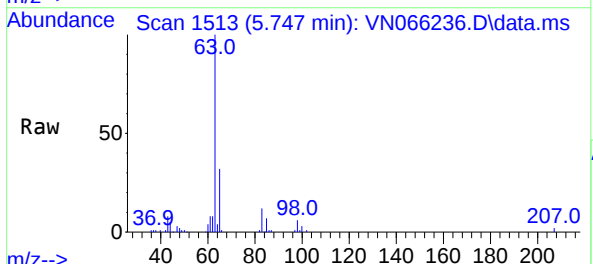


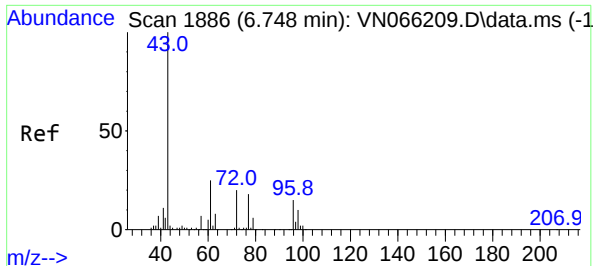
Tgt Ion: 43 Resp: 944520
 Ion Ratio Lower Upper
 43 100
 86 7.5 5.8 8.6



#24
 1,1-Dichloroethane
 Concen: 17.26 ug/l
 RT: 5.747 min Scan# 1513
 Delta R.T. 0.000 min
 Lab File: VN066236.D
 Acq: 17 Mar 2021 16:00

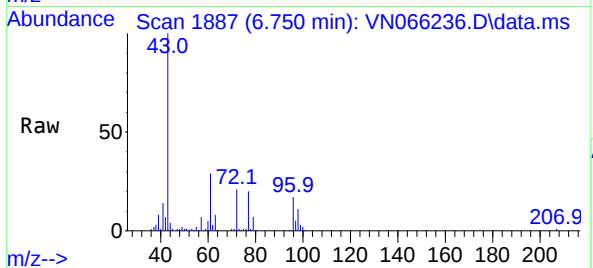
Tgt Ion: 63 Resp: 109210
 Ion Ratio Lower Upper
 63 100
 98 5.9 2.9 8.6
 100 3.0 1.7 5.0





#25
2-Butanone
Concen: 89.05 ug/l
RT: 6.750 min Scan# 1887
Delta R.T. 0.002 min
Lab File: VN066236.D
Acq: 17 Mar 2021 16:00

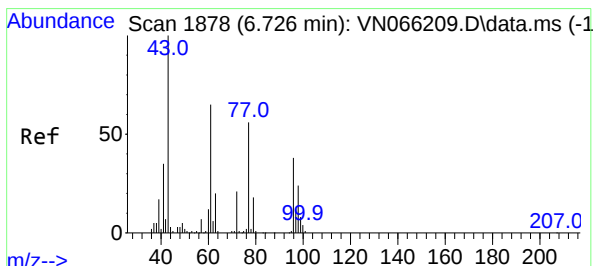
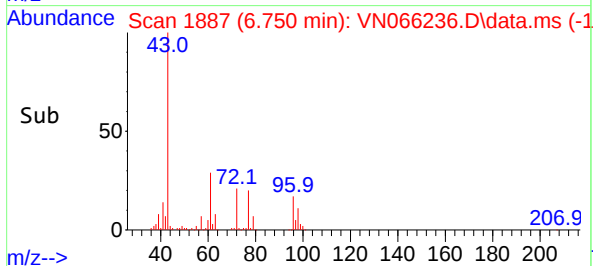
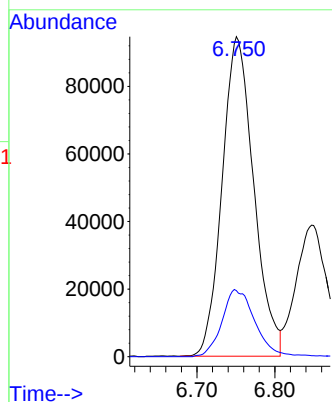
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBS02



Tgt Ion: 43 Resp: 265974
Ion Ratio Lower Upper
43 100
72 20.7 16.2 24.2

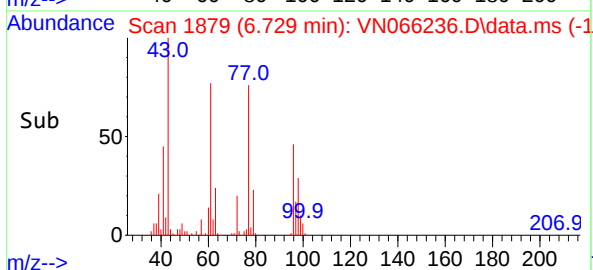
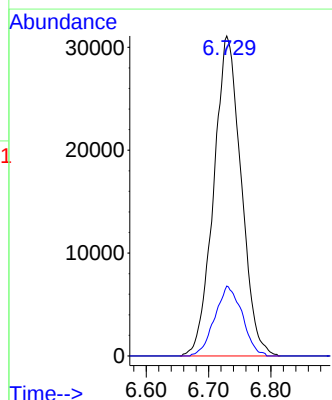
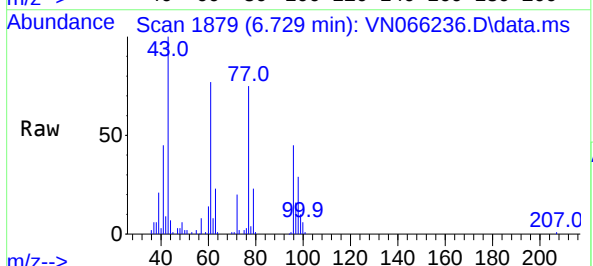
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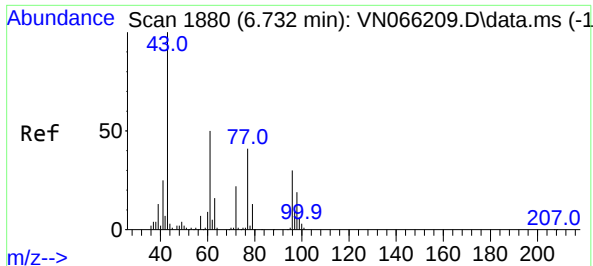
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#26
2,2-Dichloropropane
Concen: 18.20 ug/l
RT: 6.729 min Scan# 1879
Delta R.T. 0.003 min
Lab File: VN066236.D
Acq: 17 Mar 2021 16:00

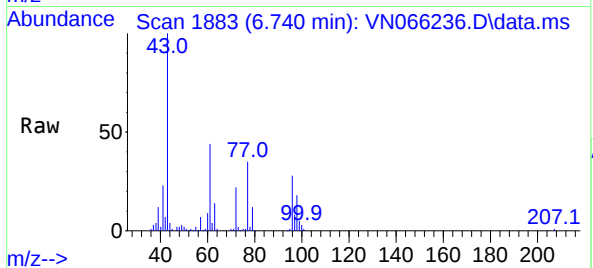
Tgt Ion: 77 Resp: 95182
Ion Ratio Lower Upper
77 100
97 21.9 10.9 32.7





#27
cis-1,2-Dichloroethene
Concen: 18.46 ug/l
RT: 6.740 min Scan# 1883
Delta R.T. 0.008 min
Lab File: VN066236.D
Acq: 17 Mar 2021 16:00

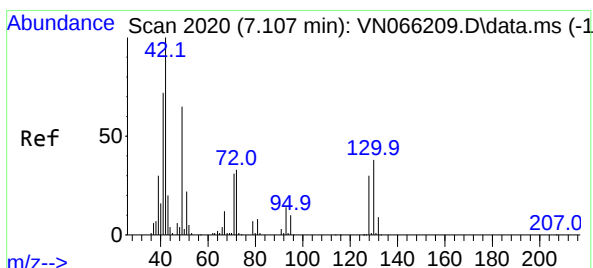
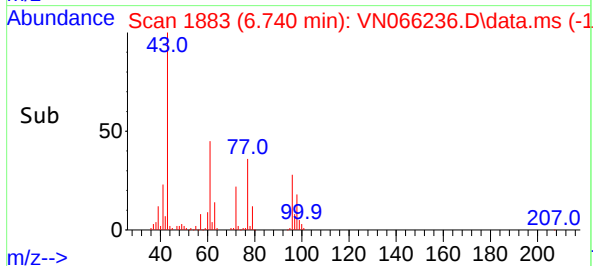
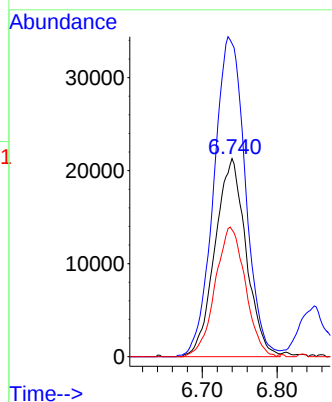
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBS02



Tgt Ion: 96 Resp: 61493
Ion Ratio Lower Upper
96 100
61 164.1 0.0 350.8
98 63.6 0.0 125.0

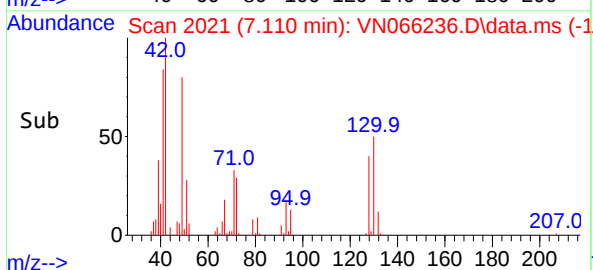
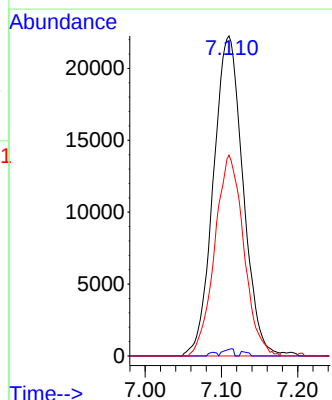
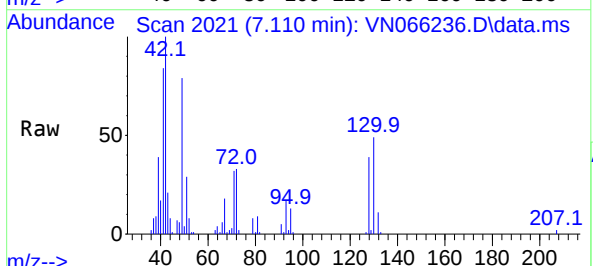
Manual Integrations
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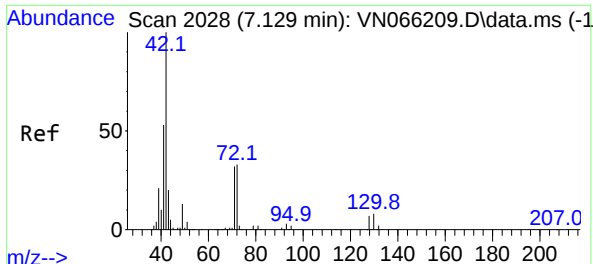
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3/18/2021 4:44:30 PM



#28
Bromochloromethane
Concen: 17.94 ug/l
RT: 7.110 min Scan# 2021
Delta R.T. 0.003 min
Lab File: VN066236.D
Acq: 17 Mar 2021 16:00

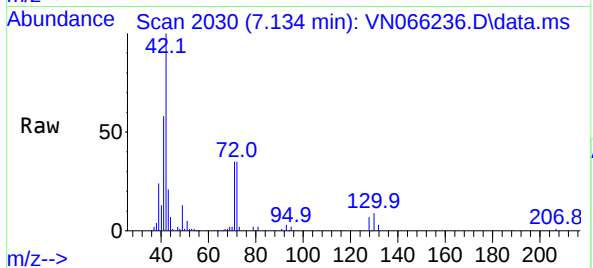
Tgt Ion: 49 Resp: 60021
Ion Ratio Lower Upper
49 100
129 0.7 0.0 2.4
130 61.5 43.6 65.4





#29
Tetrahydrofuran
Concen: 85.39 ug/l
RT: 7.134 min Scan# 2030
Delta R.T. 0.005 min
Lab File: VN066236.D
Acq: 17 Mar 2021 16:00

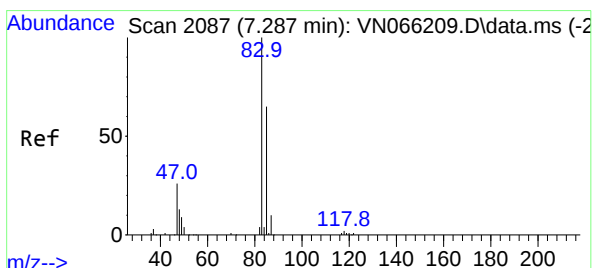
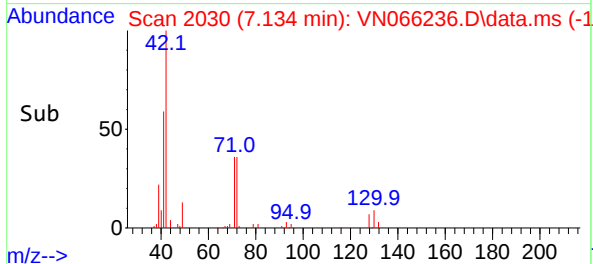
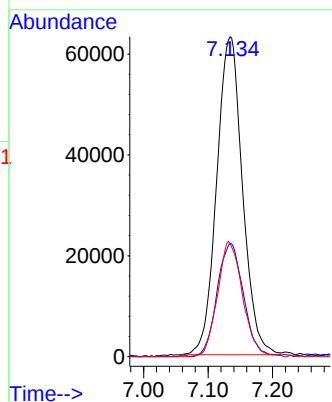
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBS02



Tgt Ion: 42 Resp: 175624
Ion Ratio Lower Upper
42 100
72 36.4 26.2 39.4
71 35.0 25.4 38.2

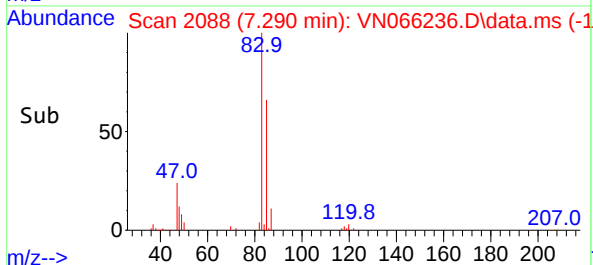
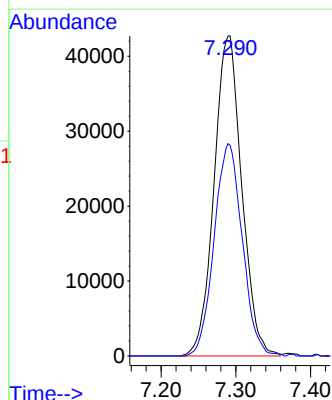
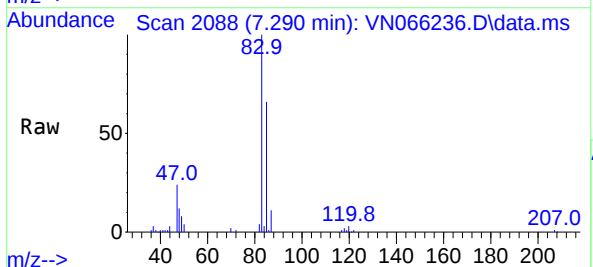
Manual Integrations
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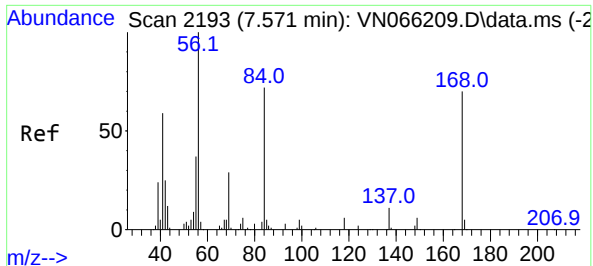
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3/18/2021 4:44:30 PM



#30
Chloroform
Concen: 19.04 ug/l
RT: 7.290 min Scan# 2088
Delta R.T. 0.003 min
Lab File: VN066236.D
Acq: 17 Mar 2021 16:00

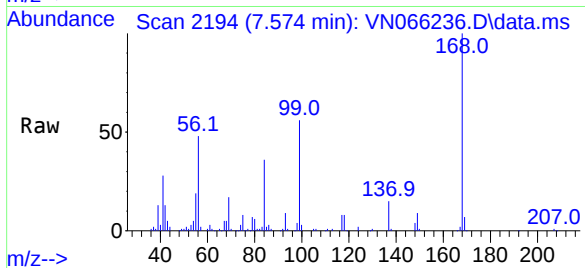
Tgt Ion: 83 Resp: 110019
Ion Ratio Lower Upper
83 100
85 66.4 49.9 74.9





#31
Cyclohexane
Concen: 16.33 ug/l
RT: 7.574 min Scan# 2194
Delta R.T. 0.003 min
Lab File: VN066236.D
Acq: 17 Mar 2021 16:00

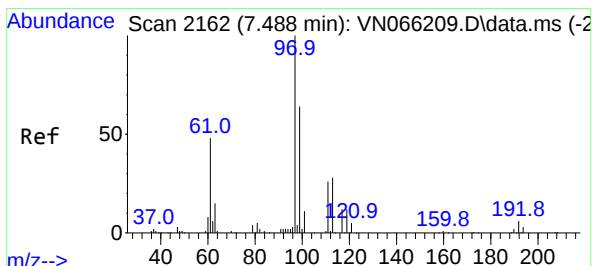
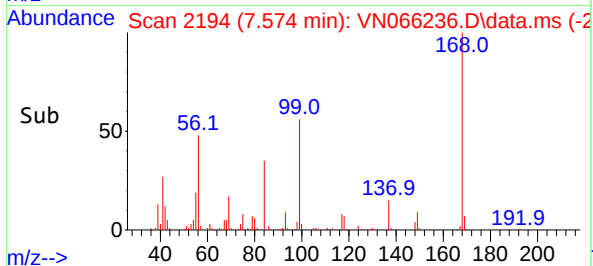
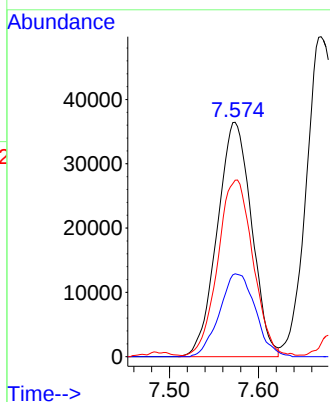
Instrument :
MSVOA_N
ClientSampled :
VN0317WBS02



Tgt Ion: 56 Resp: 97899
Ion Ratio Lower Upper
56 100
69 35.4 23.4 35.0#
84 74.6 57.8 86.6

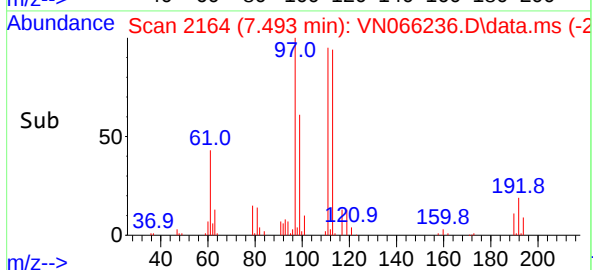
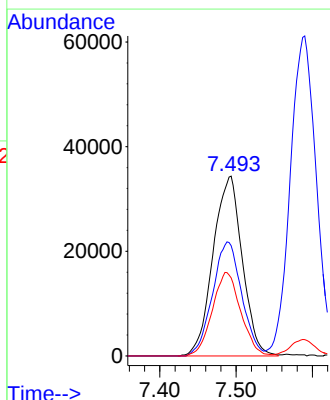
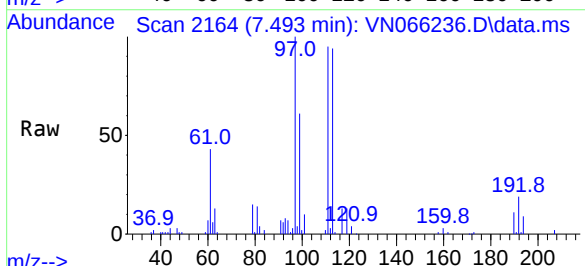
Manual Integrations
APPROVED

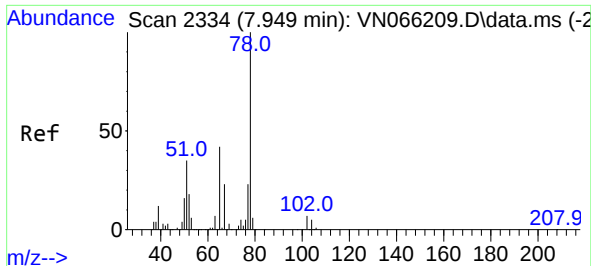
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3/18/2021 4:44:30 PM



#32
1,1,1-Trichloroethane
Concen: 18.41 ug/l
RT: 7.493 min Scan# 2164
Delta R.T. 0.005 min
Lab File: VN066236.D
Acq: 17 Mar 2021 16:00

Tgt Ion: 97 Resp: 91432
Ion Ratio Lower Upper
97 100
99 63.2 50.8 76.2
61 45.2 38.6 57.8





#33

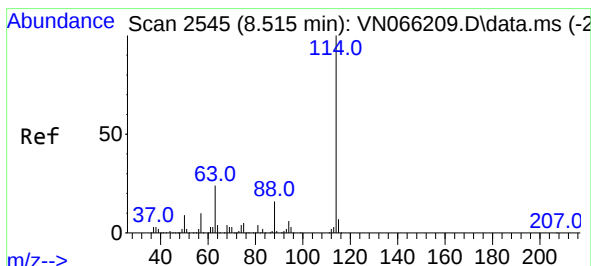
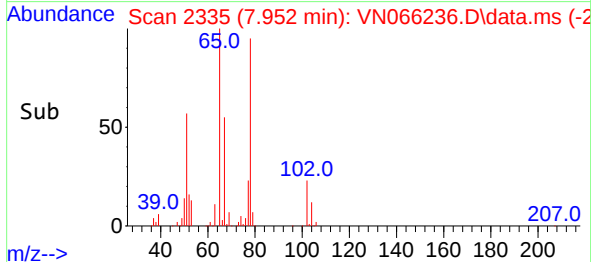
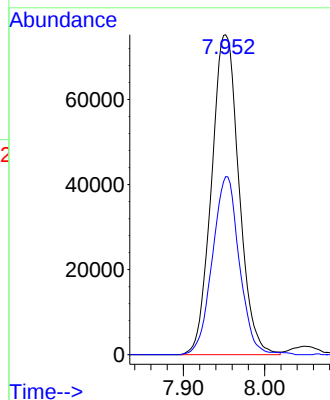
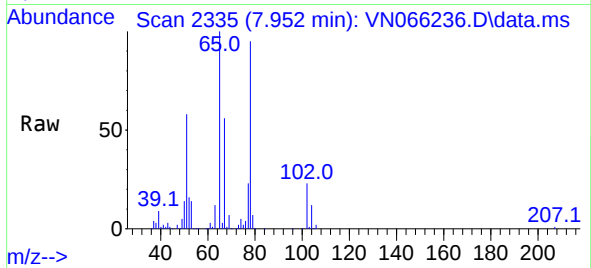
1,2-Dichloroethane-d4
Concen: 44.15 ug/l
RT: 7.952 min Scan# 2335
Delta R.T. 0.003 min
Lab File: VN066236.D
Acq: 17 Mar 2021 16:00

Tgt Ion: 65 Resp: 176720
Ion Ratio Lower Upper
65 100
67 54.6 0.0 107.2

Instrument :
MSVOA_N
ClientSampleId :
VN0317WBS02

Manual Integrations
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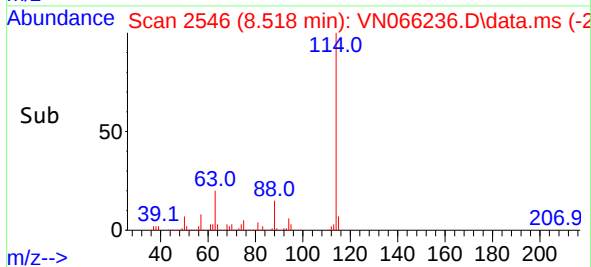
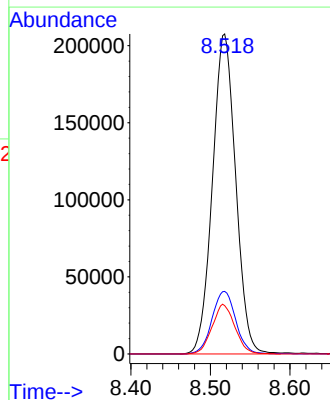
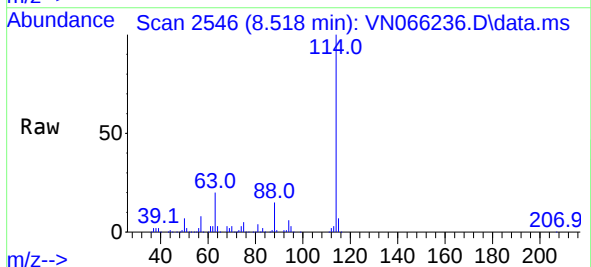
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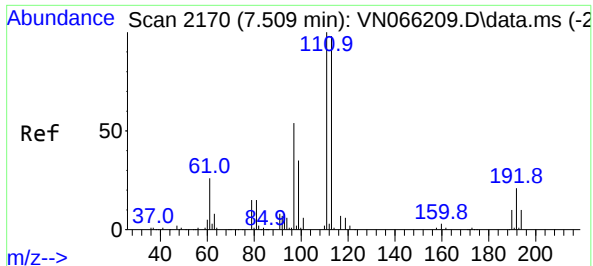


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.518 min Scan# 2546
Delta R.T. 0.003 min
Lab File: VN066236.D
Acq: 17 Mar 2021 16:00

Tgt Ion: 114 Resp: 421712
Ion Ratio Lower Upper
114 100
63 19.6 0.0 49.2
88 15.1 0.0 33.8





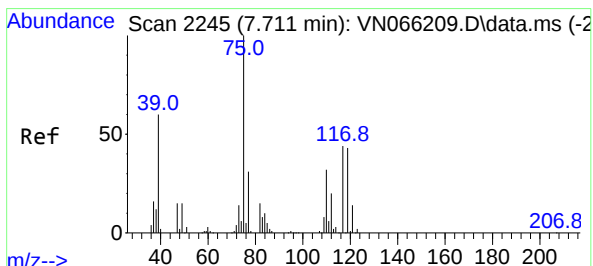
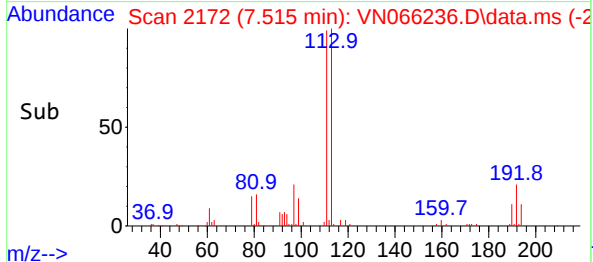
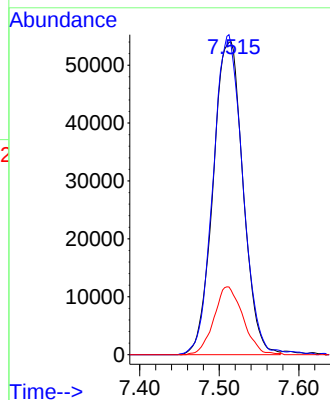
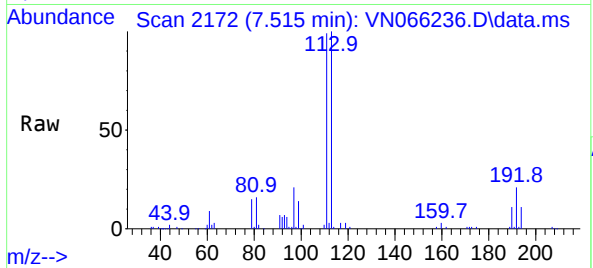
#35
Dibromofluoromethane
Concen: 52.44 ug/l
RT: 7.515 min Scan# 2172
Delta R.T. 0.006 min
Lab File: VN066236.D
Acq: 17 Mar 2021 16:00

Tgt Ion: 113 Resp: 141070
Ion Ratio Lower Upper
113 100
111 100.4 84.0 126.0
192 21.1 16.7 25.1

Instrument :
MSVOA_N
ClientSampleId :
VN0317WBS02

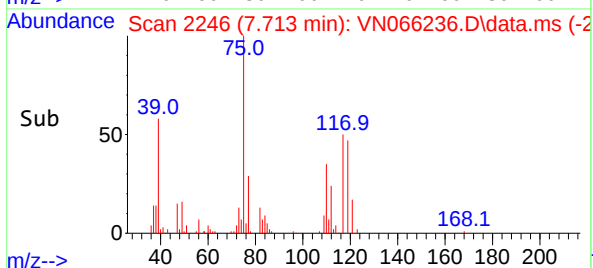
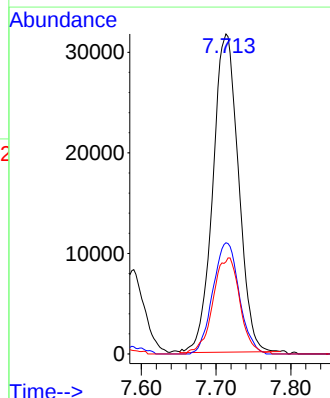
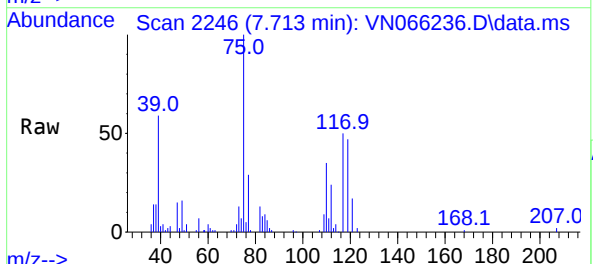
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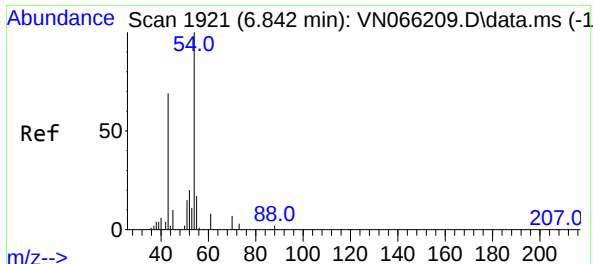
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#36
1,1-Dichloropropene
Concen: 17.62 ug/l
RT: 7.713 min Scan# 2246
Delta R.T. 0.002 min
Lab File: VN066236.D
Acq: 17 Mar 2021 16:00

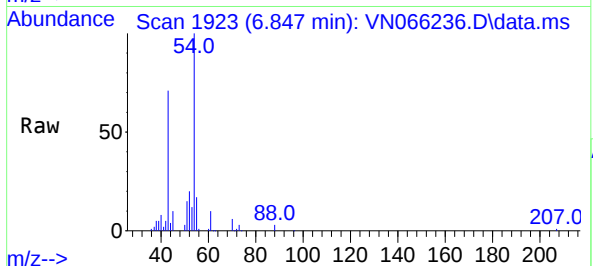
Tgt Ion: 75 Resp: 75240
Ion Ratio Lower Upper
75 100
110 36.1 16.0 48.0
77 31.9 24.9 37.3





#37
Ethyl Acetate
Concen: 17.88 ug/l
RT: 6.847 min Scan# 1923
Delta R.T. 0.005 min
Lab File: VN066236.D
Acq: 17 Mar 2021 16:00

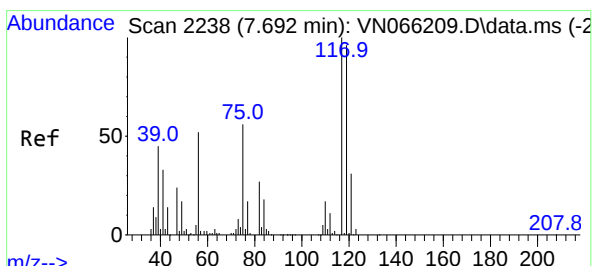
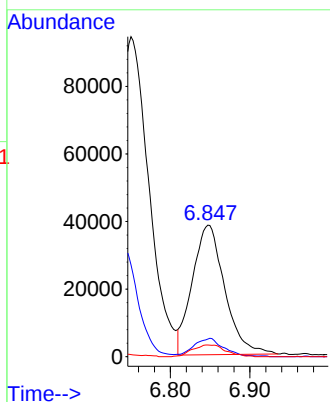
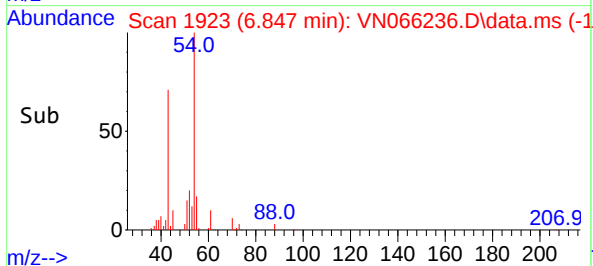
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBS02



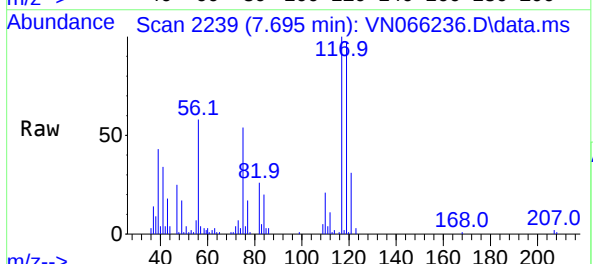
Tgt Ion: 43 Resp: 109115
Ion Ratio Lower Upper
43 100
61 12.1 9.2 13.8
70 9.2 6.1 9.1#

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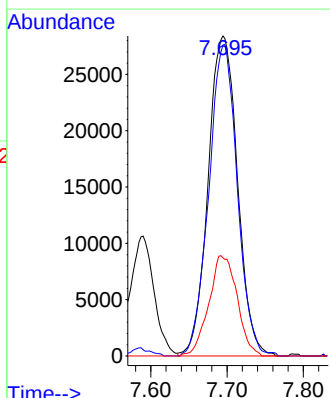
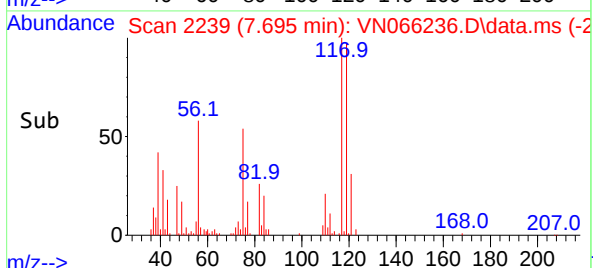
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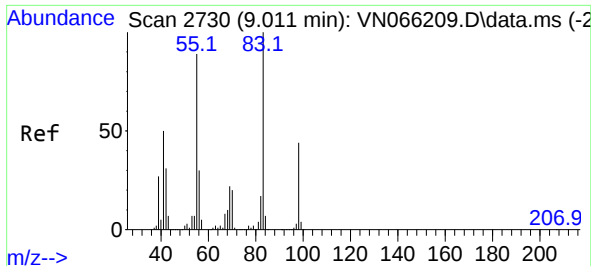


#38
Carbon Tetrachloride
Concen: 19.82 ug/l
RT: 7.695 min Scan# 2239
Delta R.T. 0.003 min
Lab File: VN066236.D
Acq: 17 Mar 2021 16:00



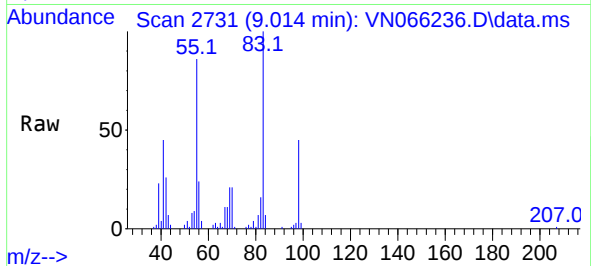
Tgt Ion: 117 Resp: 75885
Ion Ratio Lower Upper
117 100
119 97.2 74.6 111.8
121 30.7 23.9 35.9





#39
Methylcyclohexane
Concen: 17.04 ug/l
RT: 9.014 min Scan# 2731
Delta R.T. 0.003 min
Lab File: VN066236.D
Acq: 17 Mar 2021 16:00

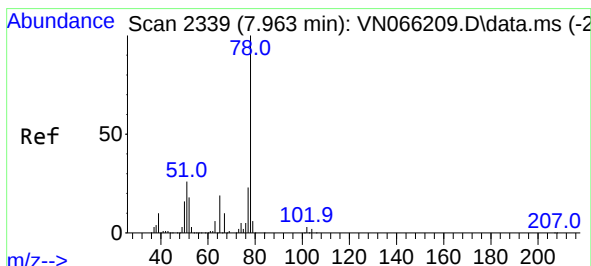
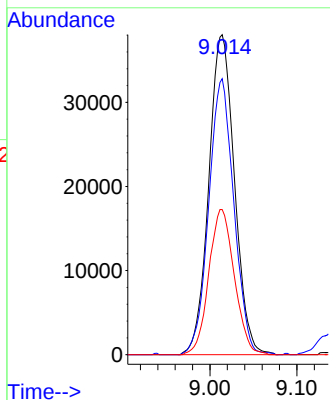
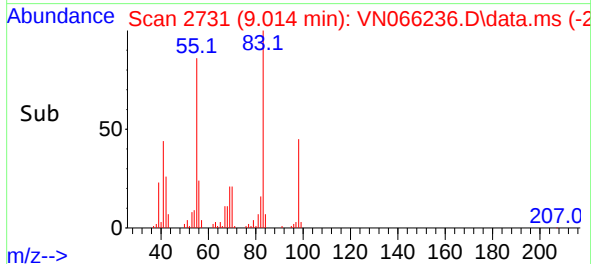
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBS02



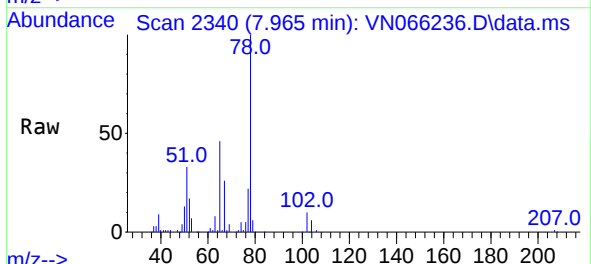
Tgt Ion: 83 Resp: 78146
Ion Ratio Lower Upper
83 100
55 86.2 72.8 109.2
98 45.3 33.7 50.5

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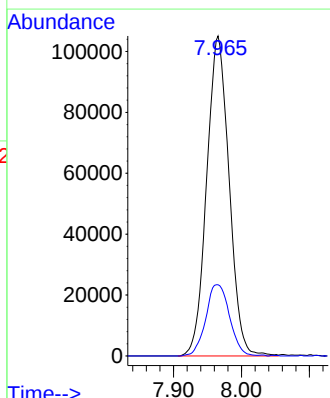
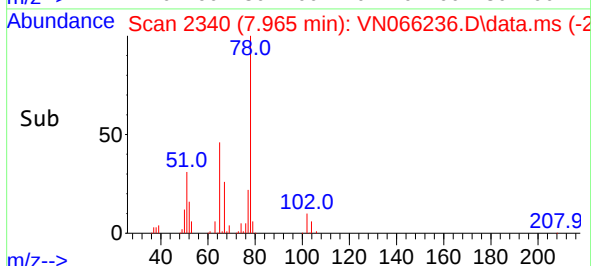
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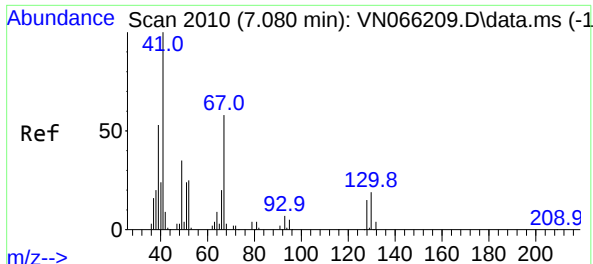


#40
Benzene
Concen: 18.79 ug/l
RT: 7.965 min Scan# 2340
Delta R.T. 0.002 min
Lab File: VN066236.D
Acq: 17 Mar 2021 16:00



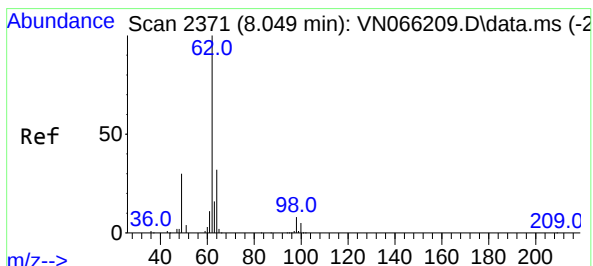
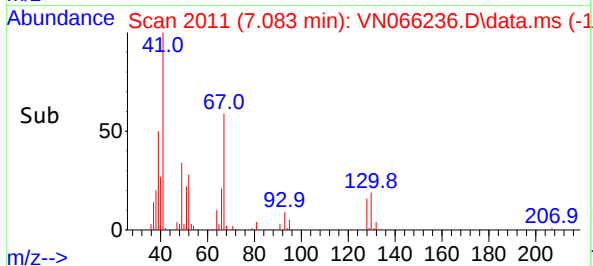
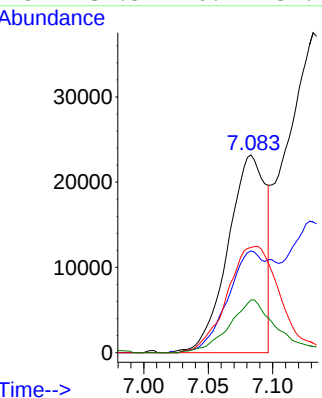
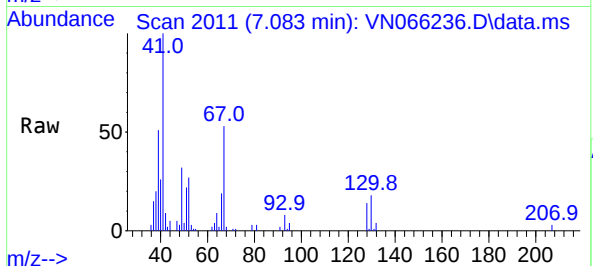
Tgt Ion: 78 Resp: 240845
Ion Ratio Lower Upper
78 100
77 22.3 18.5 27.7





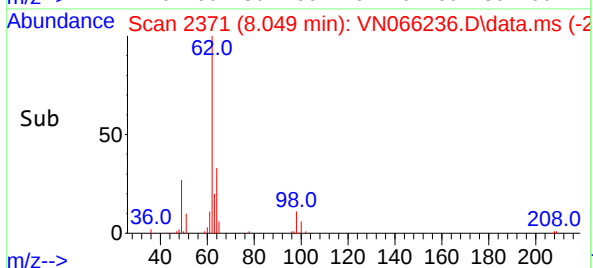
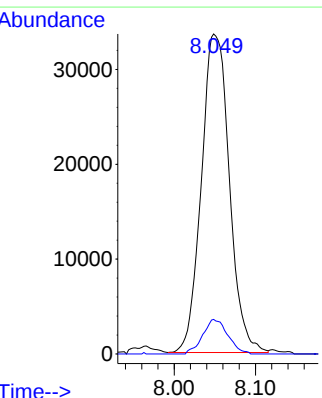
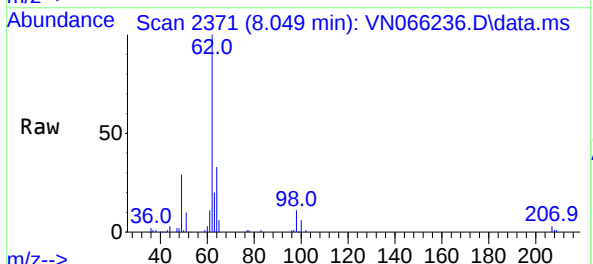
#41
Methacrylonitrile
Concen: 15.67 ug/l
RT: 7.083 min Scan# 2011
Delta R.T. 0.003 min
Lab File: VN066236.D
Acq: 17 Mar 2021 16:00

Tgt Ion:	41	Resp:	47167
Ion	Ratio	Lower	Upper
41	100		
39	48.7	45.0	67.4
67	76.3	48.2	72.4#
52	34.5	20.7	31.1#



#42
1,2-Dichloroethane
Concen: 17.28 ug/l
RT: 8.049 min Scan# 2371
Delta R.T. -0.000 min
Lab File: VN066236.D
Acq: 17 Mar 2021 16:00

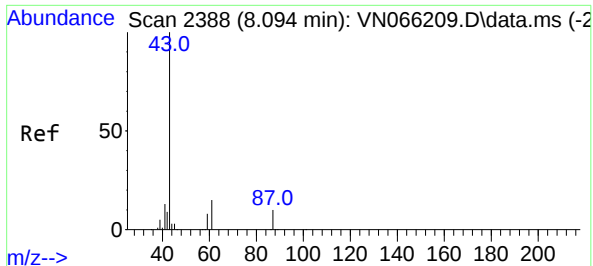
Tgt Ion:	62	Resp:	80378
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	14.8



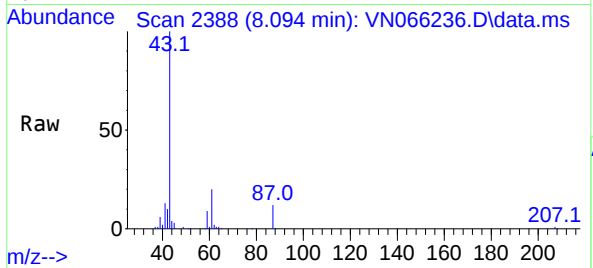
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBS02

Manual Integrations
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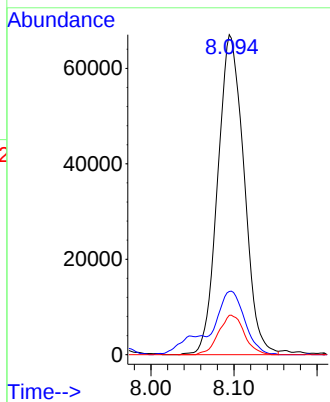
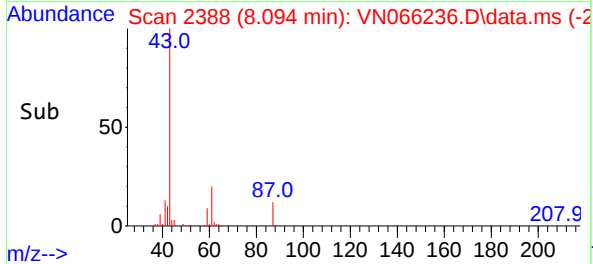
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#43
Isopropyl Acetate
Concen: 15.60 ug/l
RT: 8.094 min Scan# 2388
Delta R.T. 0.000 min
Lab File: VN066236.D
Acq: 17 Mar 2021 16:00



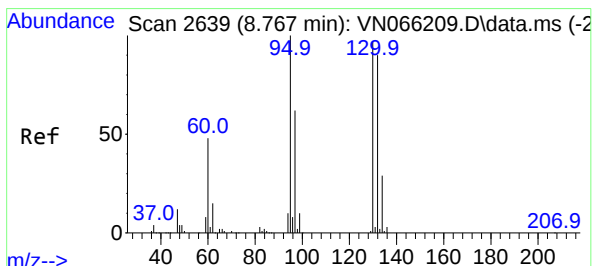
Tgt Ion: 43 Resp: 147201
Ion Ratio Lower Upper
43 100
61 20.1 14.0 21.0
87 12.1 7.9 11.9#



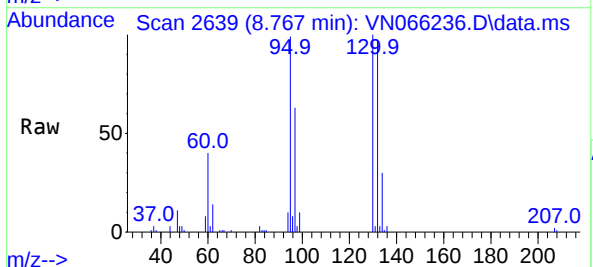
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBS02

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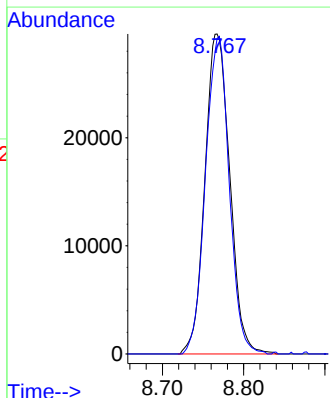
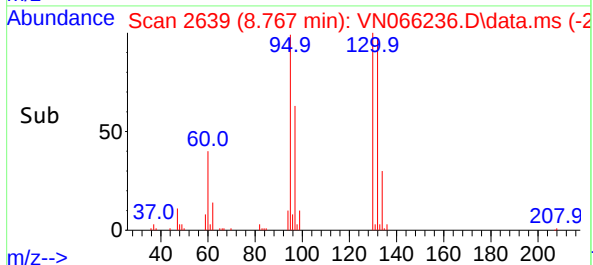
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3/18/2021 4:44:30 PM

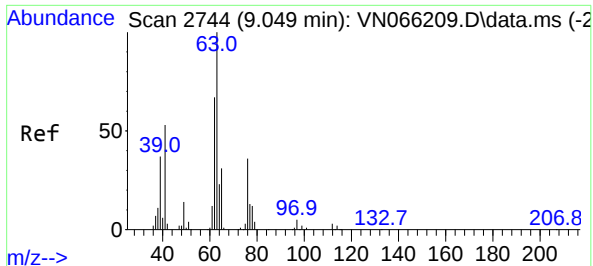


#44
Trichloroethene
Concen: 20.19 ug/l
RT: 8.767 min Scan# 2639
Delta R.T. 0.000 min
Lab File: VN066236.D
Acq: 17 Mar 2021 16:00



Tgt Ion:130 Resp: 62932
Ion Ratio Lower Upper
130 100
95 98.6 0.0 210.2





#45

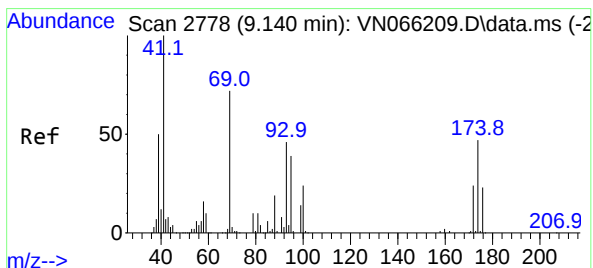
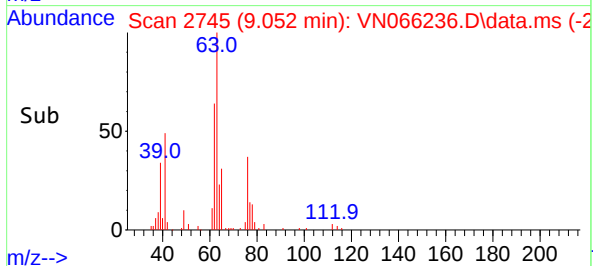
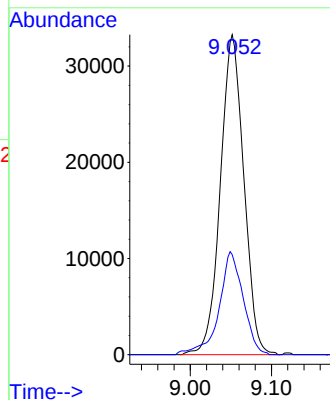
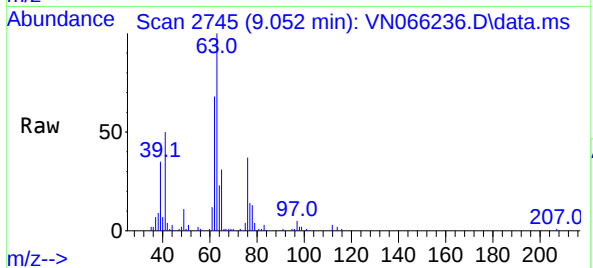
1,2-Dichloropropane
Concen: 18.00 ug/l
RT: 9.052 min Scan# 2745
Delta R.T. 0.003 min
Lab File: VN066236.D
Acq: 17 Mar 2021 16:00

Tgt Ion: 63 Resp: 66790
Ion Ratio Lower Upper
63 100
65 31.2 24.6 37.0

Instrument :
MSVOA_N
ClientSampleId :
VN0317WBS02

Manual Integrations
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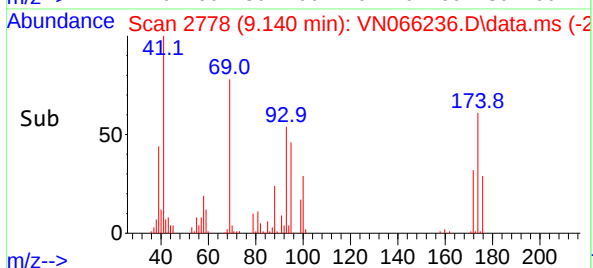
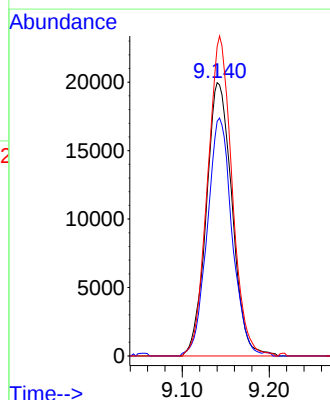
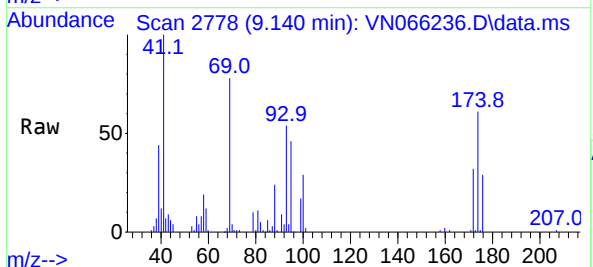
MMDadoda
3/18/2021 4:44:30 PM

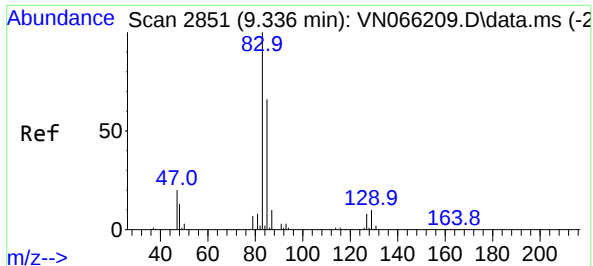


#46

Dibromomethane
Concen: 19.90 ug/l
RT: 9.140 min Scan# 2778
Delta R.T. 0.000 min
Lab File: VN066236.D
Acq: 17 Mar 2021 16:00

Tgt Ion: 93 Resp: 41140
Ion Ratio Lower Upper
93 100
95 83.9 66.1 99.1
174 111.3 78.2 117.4





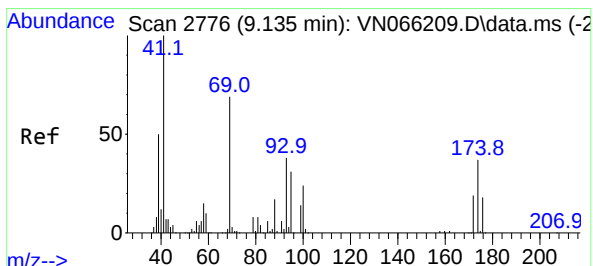
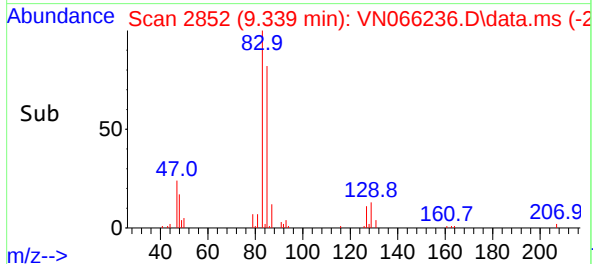
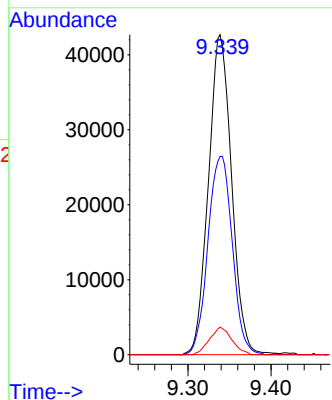
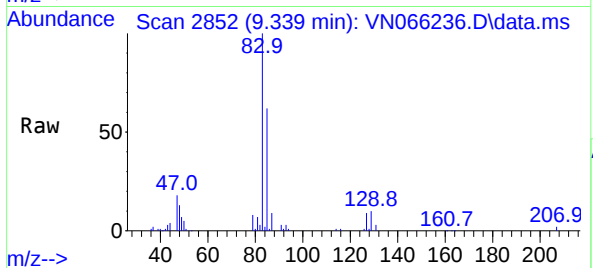
#47
Bromodichloromethane
Concen: 18.35 ug/l
RT: 9.339 min Scan# 2852
Delta R.T. 0.003 min
Lab File: VN066236.D
Acq: 17 Mar 2021 16:00

Tgt Ion:	83	Resp:	82727
Ion	Ratio	Lower	Upper
83	100		
85	62.0	50.3	75.5
127	8.6	6.2	9.2

Instrument :
MSVOA_N
ClientSampleId :
VN0317WBS02

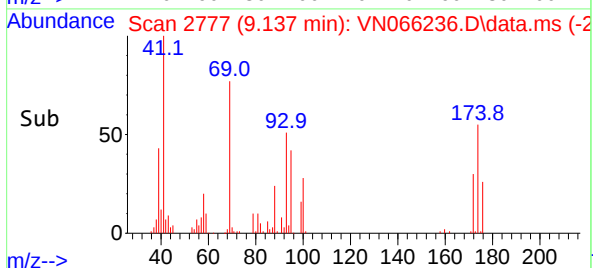
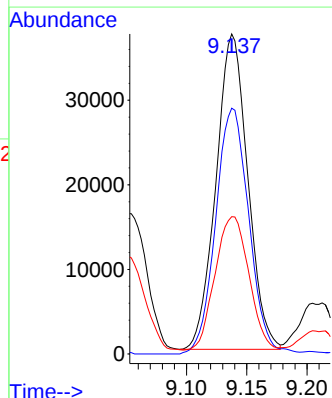
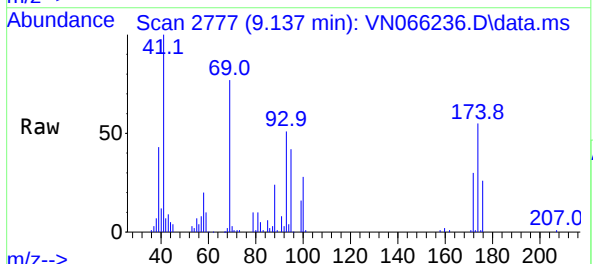
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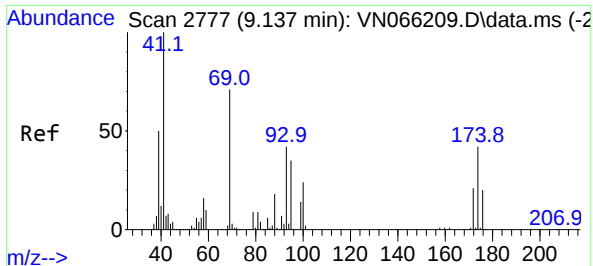
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3/18/2021 4:44:30 PM



#48
Methyl methacrylate
Concen: 15.29 ug/l
RT: 9.137 min Scan# 2777
Delta R.T. 0.002 min
Lab File: VN066236.D
Acq: 17 Mar 2021 16:00

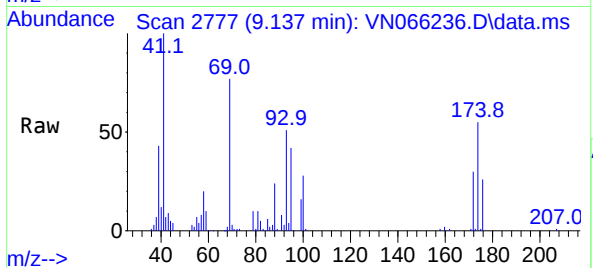
Tgt Ion:	41	Resp:	68403
Ion	Ratio	Lower	Upper
41	100		
69	81.5	54.7	82.1
39	47.4	40.2	60.2





#49
1,4-Dioxane
Concen: 376.82 ug/l
RT: 9.137 min Scan# 2777
Delta R.T. 0.000 min
Lab File: VN066236.D
Acq: 17 Mar 2021 16:00

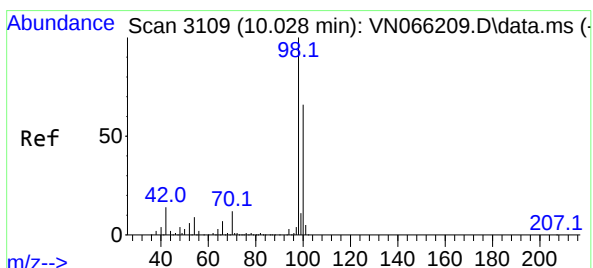
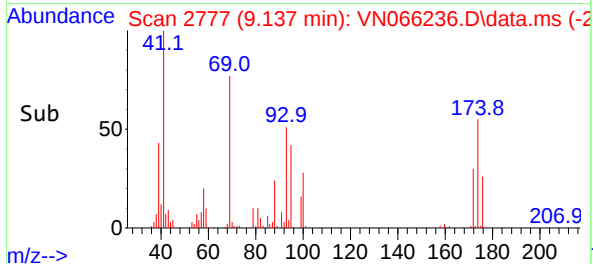
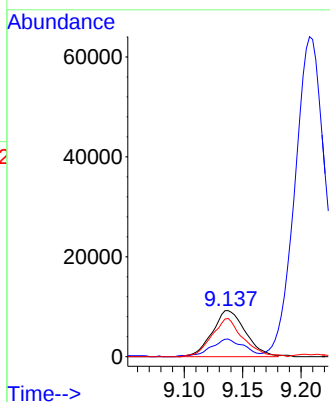
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBS02



Tgt Ion: 88 Resp: 18294
Ion Ratio Lower Upper
88 100
43 37.9 34.4 51.6
58 77.7 67.3 100.9

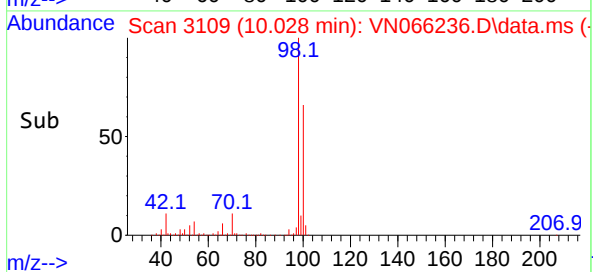
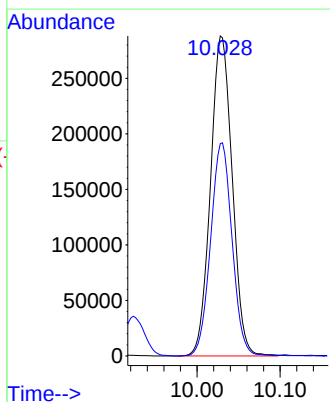
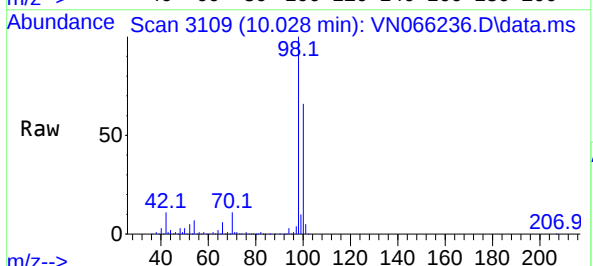
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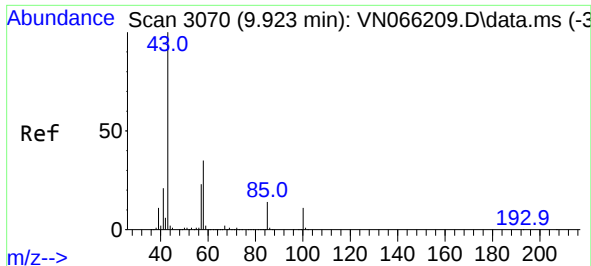
MMDadoda
3/18/2021 4:44:30 PM



#50
Toluene-d8
Concen: 50.35 ug/l
RT: 10.028 min Scan# 3109
Delta R.T. -0.000 min
Lab File: VN066236.D
Acq: 17 Mar 2021 16:00

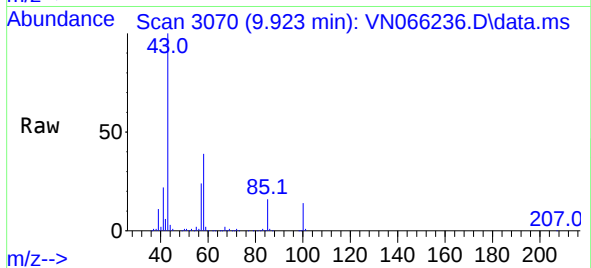
Tgt Ion: 98 Resp: 523778
Ion Ratio Lower Upper
98 100
100 65.9 51.0 76.6





#51
4-Methyl-2-Pentanone
Concen: 80.72 ug/l
RT: 9.923 min Scan# 3070
Delta R.T. 0.000 min
Lab File: VN066236.D
Acq: 17 Mar 2021 16:00

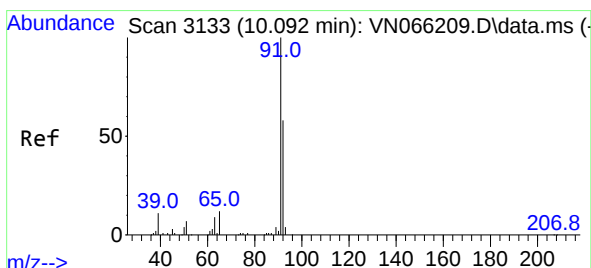
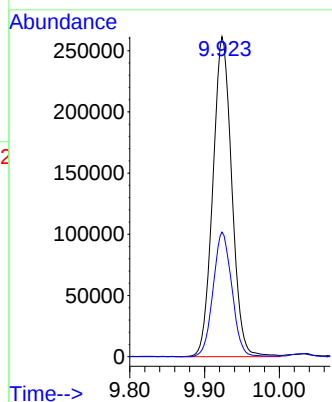
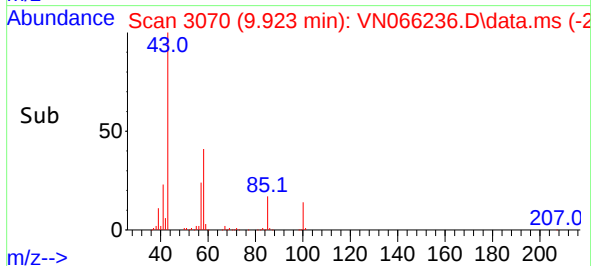
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBS02



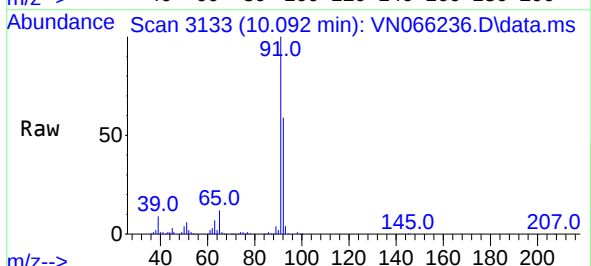
Tgt Ion: 43 Resp: 460449
Ion Ratio Lower Upper
43 100
58 38.5 27.5 41.3

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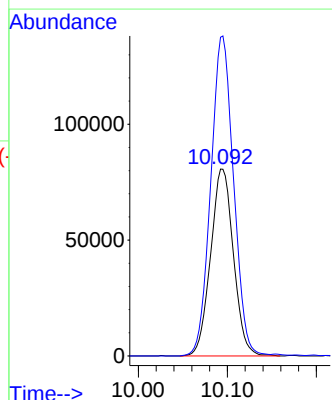
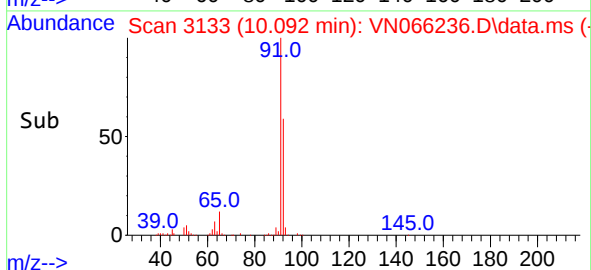
MMDadoda
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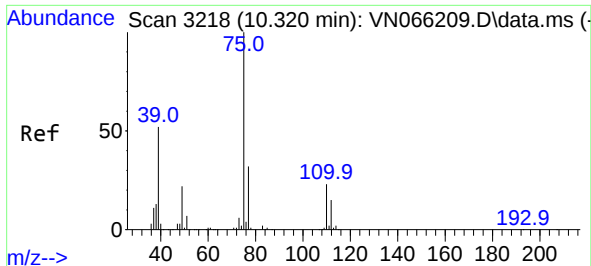


#52
Toluene
Concen: 19.36 ug/l
RT: 10.092 min Scan# 3133
Delta R.T. 0.000 min
Lab File: VN066236.D
Acq: 17 Mar 2021 16:00



Tgt Ion: 92 Resp: 143868
Ion Ratio Lower Upper
92 100
91 170.8 137.5 206.3





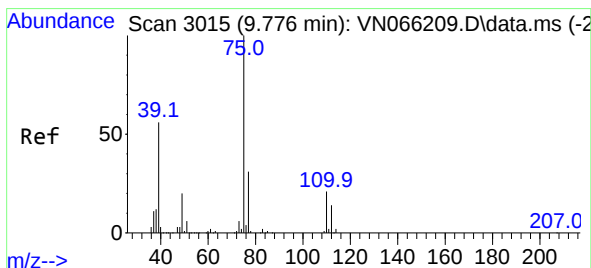
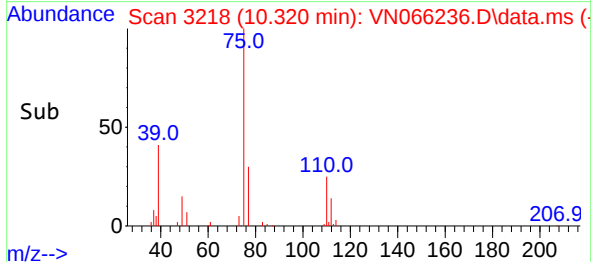
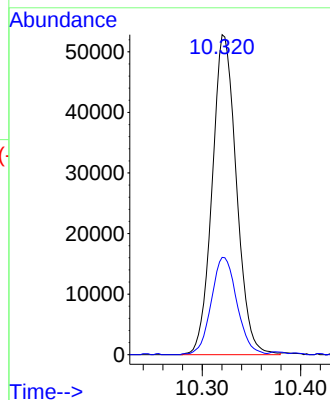
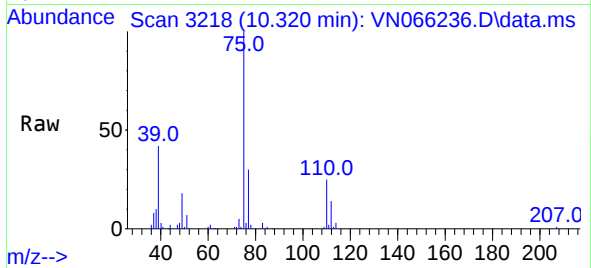
#53
t-1,3-Dichloropropene
Concen: 17.76 ug/l
RT: 10.320 min Scan# 3218
Delta R.T. 0.000 min
Lab File: VN066236.D
Acq: 17 Mar 2021 16:00

Tgt Ion: 75 Resp: 90513
Ion Ratio Lower Upper
75 100
77 30.4 25.0 37.4

Instrument :
MSVOA_N
ClientSampleId :
VN0317WBS02

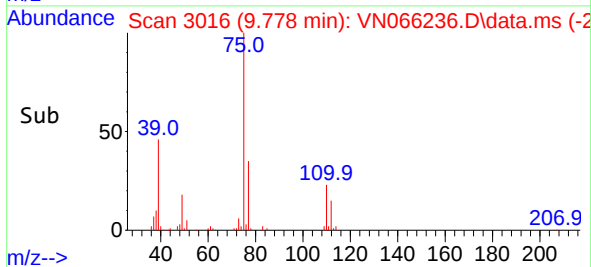
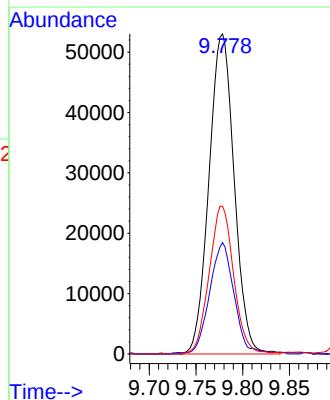
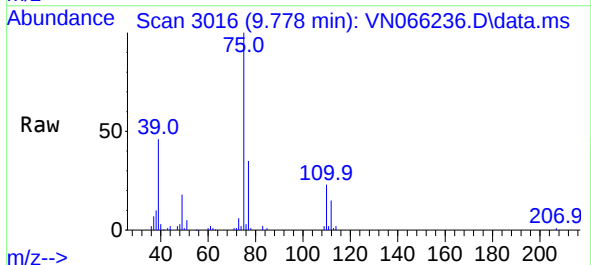
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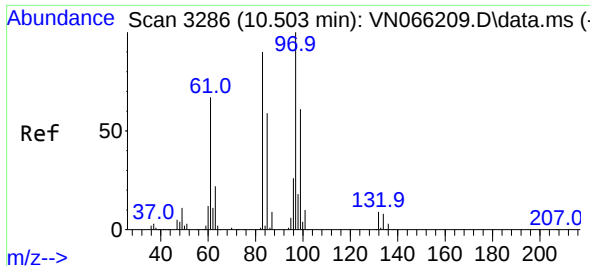
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3/18/2021 4:44:30 PM



#54
cis-1,3-Dichloropropene
Concen: 17.97 ug/l
RT: 9.778 min Scan# 3016
Delta R.T. 0.002 min
Lab File: VN066236.D
Acq: 17 Mar 2021 16:00

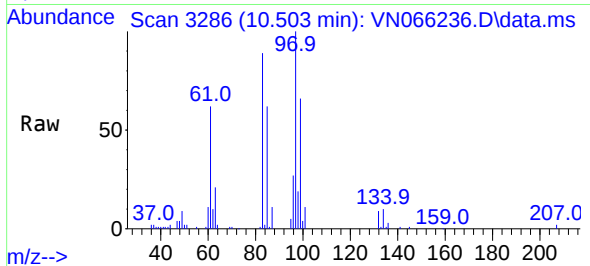
Tgt Ion: 75 Resp: 99506
Ion Ratio Lower Upper
75 100
77 34.3 25.0 37.4
39 46.1 46.2 69.2#





#55
1,1,2-Trichloroethane
Concen: 19.83 ug/l
RT: 10.503 min Scan# 3286
Delta R.T. -0.000 min
Lab File: VN066236.D
Acq: 17 Mar 2021 16:00

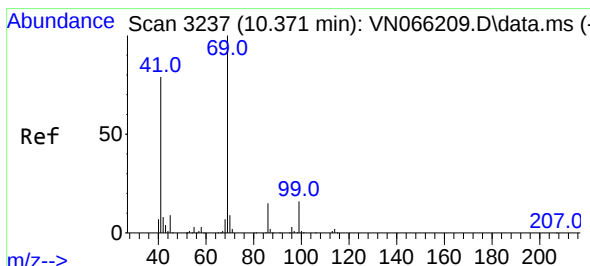
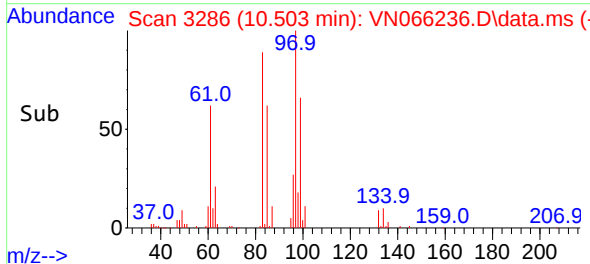
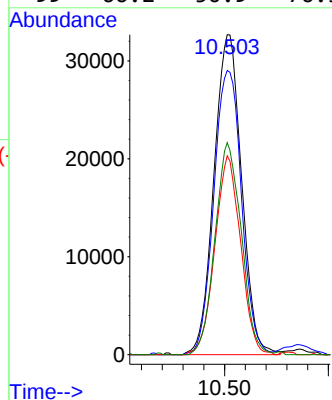
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBS02



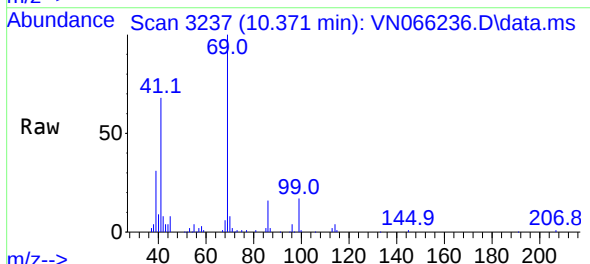
Tgt Ion:	97	Resp:	60346
Ion	Ratio	Lower	Upper
97	100		
83	88.8	73.3	109.9
85	62.1	49.8	74.8
99	66.2	50.9	76.3

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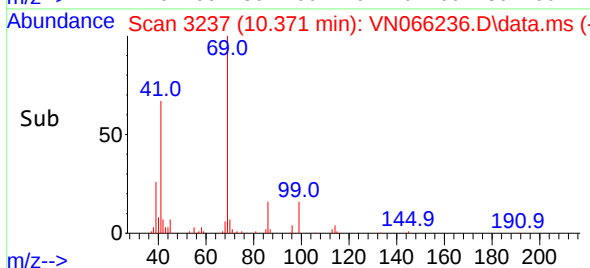
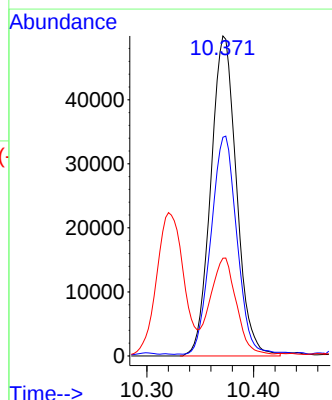
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3/18/2021 4:44:30 PM

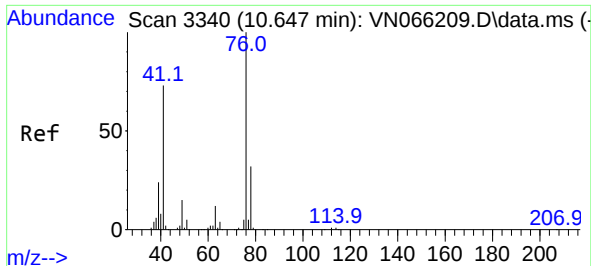


#56
Ethyl methacrylate
Concen: 16.86 ug/l
RT: 10.371 min Scan# 3237
Delta R.T. 0.000 min
Lab File: VN066236.D
Acq: 17 Mar 2021 16:00



Tgt Ion:	69	Resp:	83499
Ion	Ratio	Lower	Upper
69	100		
41	68.6	66.2	99.4
39	29.9	31.5	47.3



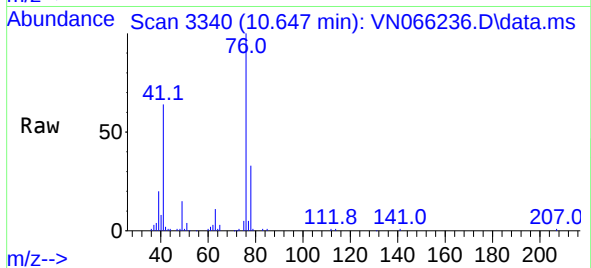


#57
1,3-Dichloropropane
Concen: 18.92 ug/l
RT: 10.647 min Scan# 3340
Delta R.T. 0.000 min
Lab File: VN066236.D
Acq: 17 Mar 2021 16:00

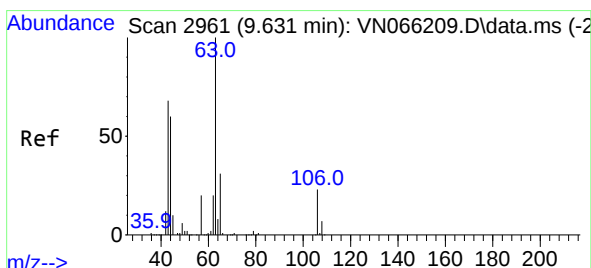
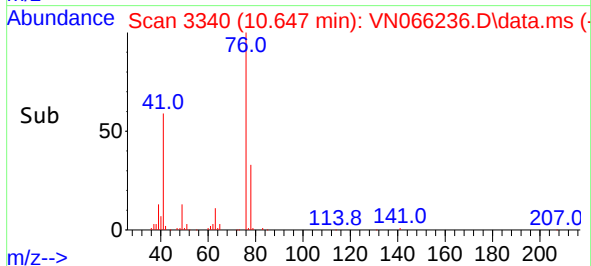
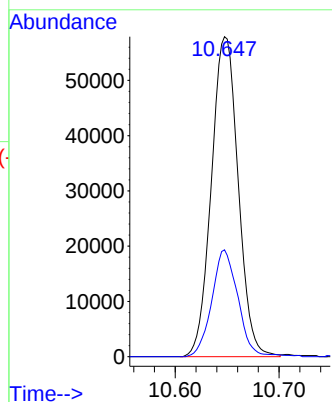
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBS02

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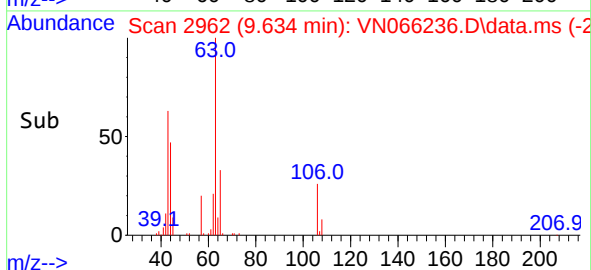
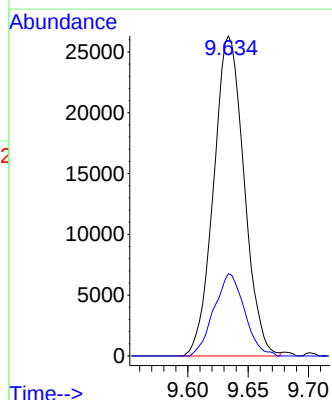
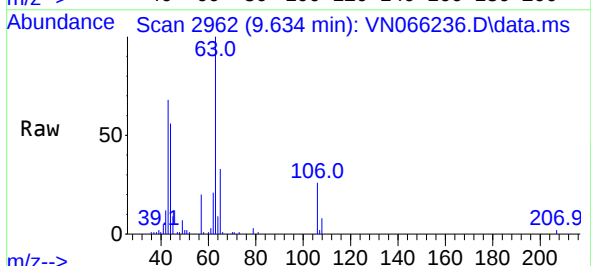


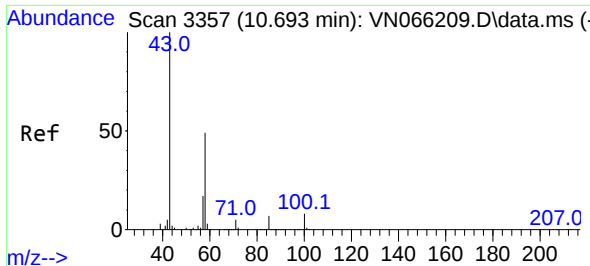
Tgt Ion: 76 Resp: 103875
Ion Ratio Lower Upper
76 100
78 32.7 25.4 38.2



#58
2-Chloroethyl Vinyl ether
Concen: 108.82 ug/l
RT: 9.634 min Scan# 2962
Delta R.T. 0.003 min
Lab File: VN066236.D
Acq: 17 Mar 2021 16:00

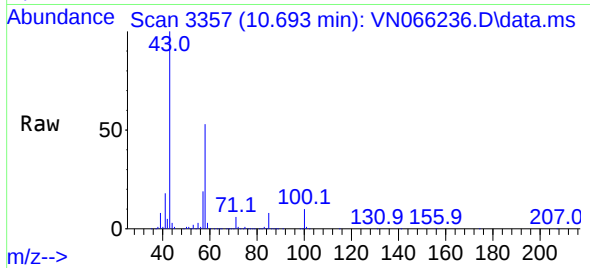
Tgt Ion: 63 Resp: 46182
Ion Ratio Lower Upper
63 100
106 25.8 17.6 26.4





#59
2-Hexanone
Concen: 73.07 ug/l
RT: 10.693 min Scan# 3357
Delta R.T. -0.000 min
Lab File: VN066236.D
Acq: 17 Mar 2021 16:00

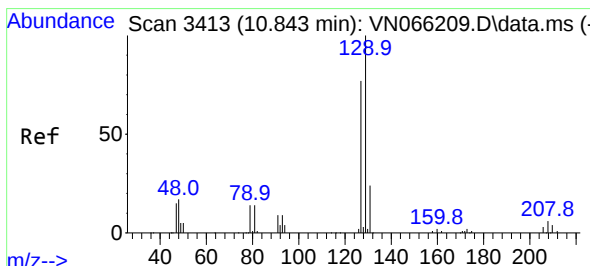
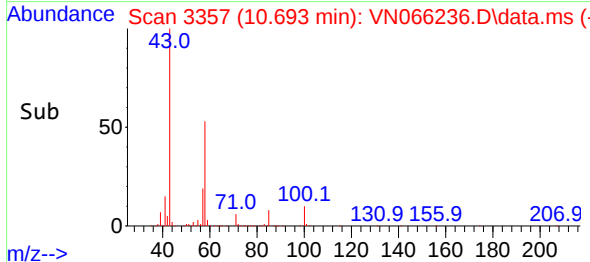
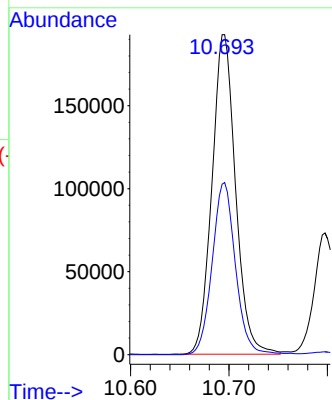
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBS02



Tgt Ion: 43 Resp: 321662
Ion Ratio Lower Upper
43 100
58 53.1 23.8 71.5

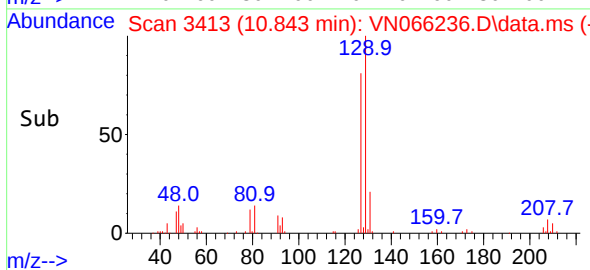
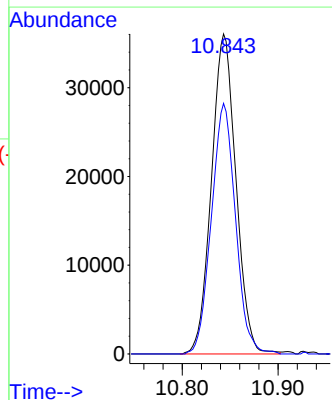
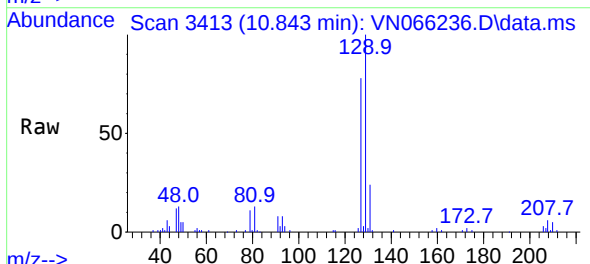
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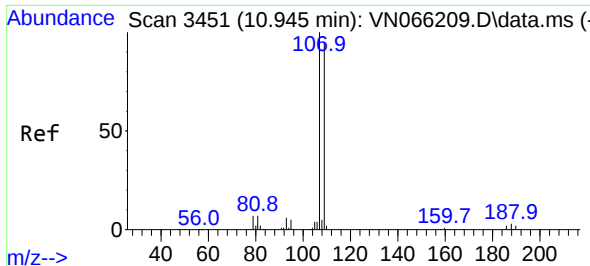
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3/18/2021 4:44:30 PM



#60
Dibromochloromethane
Concen: 20.07 ug/l
RT: 10.843 min Scan# 3413
Delta R.T. 0.000 min
Lab File: VN066236.D
Acq: 17 Mar 2021 16:00

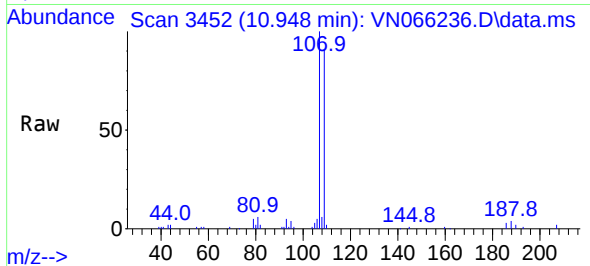
Tgt Ion: 129 Resp: 63975
Ion Ratio Lower Upper
129 100
127 77.0 39.2 117.6





#61
1,2-Dibromoethane
Concen: 20.18 ug/l
RT: 10.948 min Scan# 3452
Delta R.T. 0.003 min
Lab File: VN066236.D
Acq: 17 Mar 2021 16:00

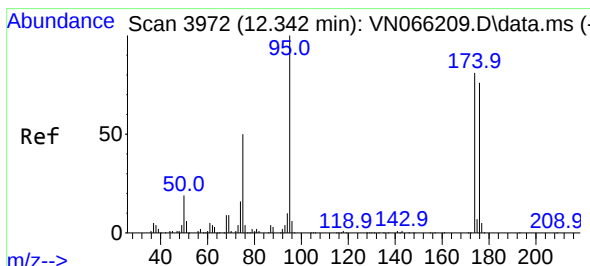
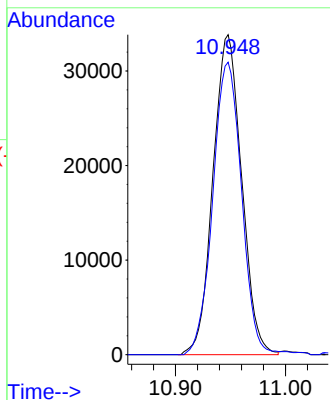
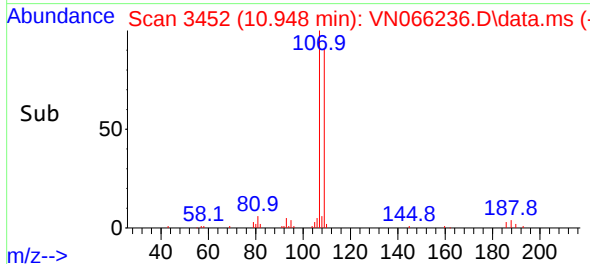
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBS02



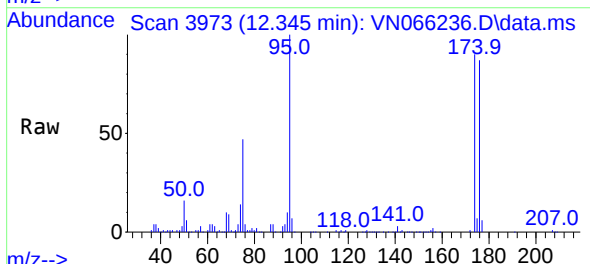
Tgt Ion:107 Resp: 61157
Ion Ratio Lower Upper
107 100
109 92.0 75.5 113.3

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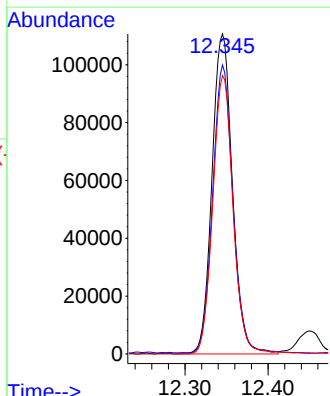
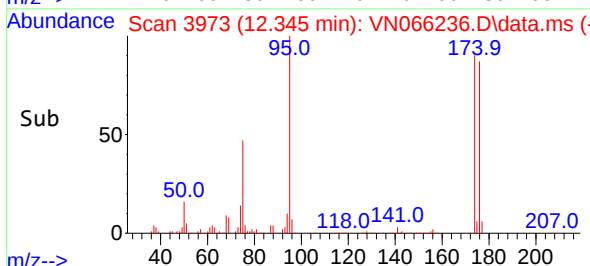
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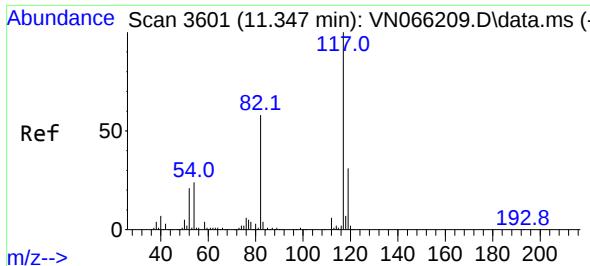


#62
4-Bromofluorobenzene
Concen: 50.45 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.003 min
Lab File: VN066236.D
Acq: 17 Mar 2021 16:00

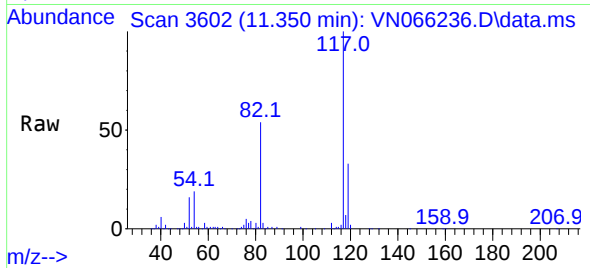


Tgt Ion: 95 Resp: 189175
Ion Ratio Lower Upper
95 100
174 89.0 0.0 162.4
176 86.1 0.0 156.2

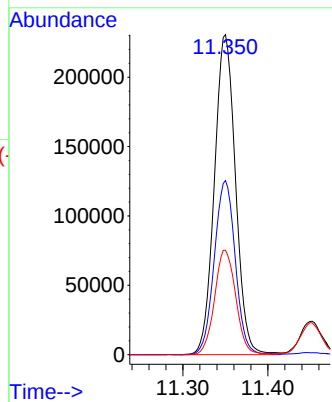
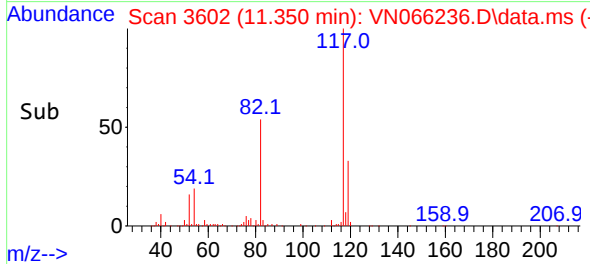




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.350 min Scan# 3602
Delta R.T. 0.003 min
Lab File: VN066236.D
Acq: 17 Mar 2021 16:00



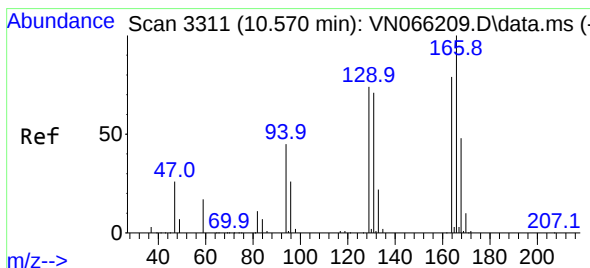
Tgt Ion:117 Resp: 398518
Ion Ratio Lower Upper
117 100
82 54.4 49.0 73.6
119 32.7 25.7 38.5



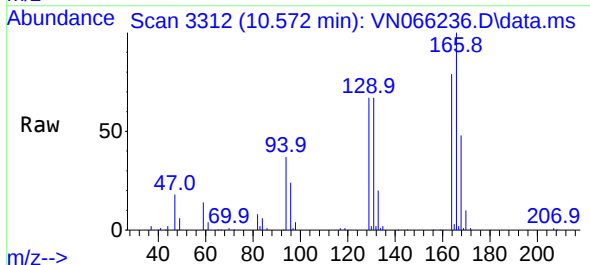
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBS02

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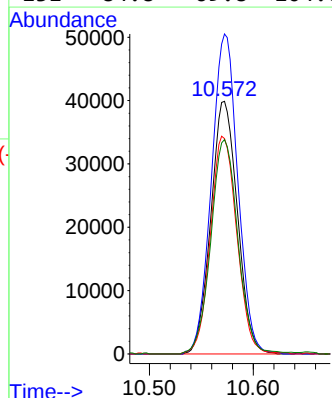
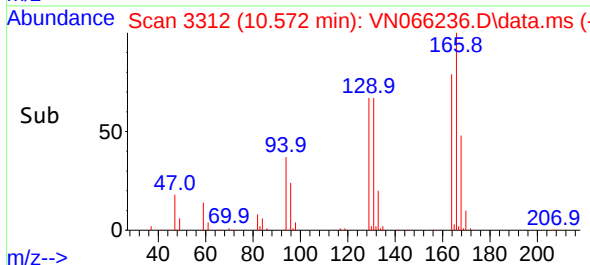
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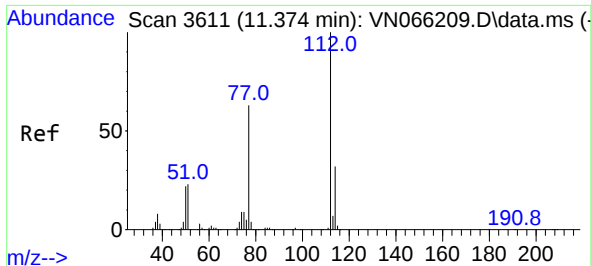


#64
Tetrachloroethene
Concen: 21.48 ug/l
RT: 10.572 min Scan# 3312
Delta R.T. 0.002 min
Lab File: VN066236.D
Acq: 17 Mar 2021 16:00



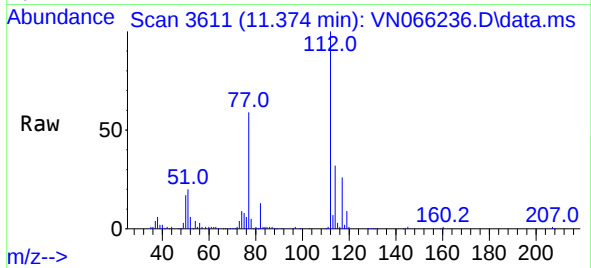
Tgt Ion:164 Resp: 70986
Ion Ratio Lower Upper
164 100
166 126.7 98.9 148.3
129 85.2 73.2 109.8
131 84.8 69.8 104.6





#65
Chlorobenzene
Concen: 19.24 ug/l
RT: 11.374 min Scan# 3611
Delta R.T. 0.000 min
Lab File: VN066236.D
Acq: 17 Mar 2021 16:00

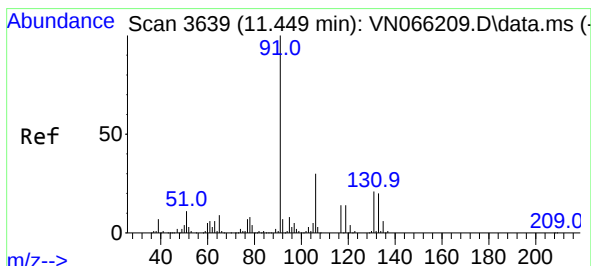
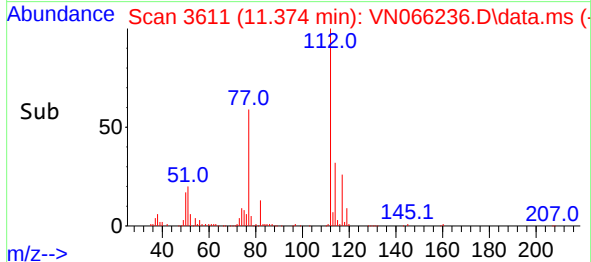
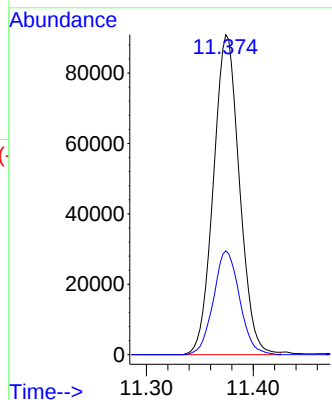
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBS02



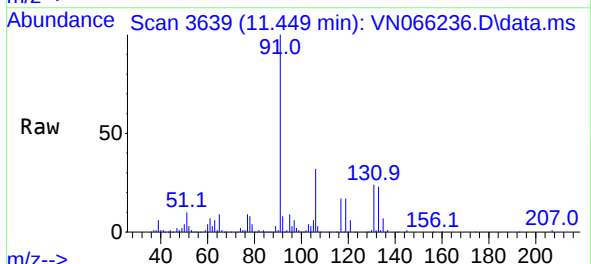
Tgt Ion:112 Resp: 153856
Ion Ratio Lower Upper
112 100
114 32.4 25.4 38.0

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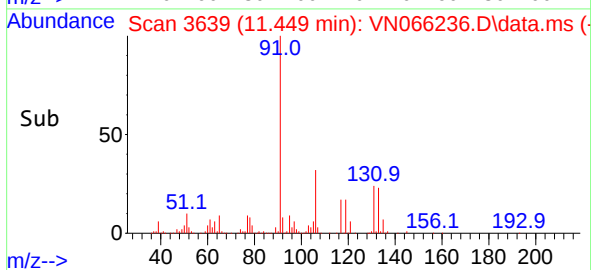
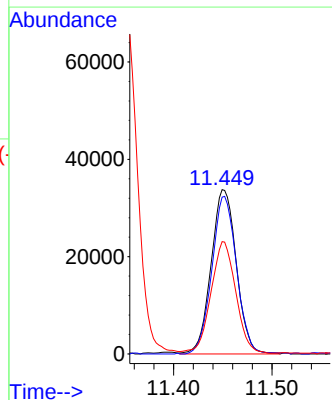
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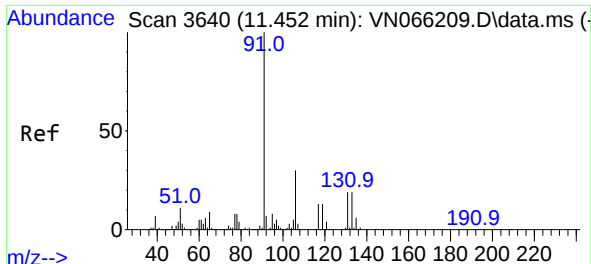


#66
1,1,1,2-Tetrachloroethane
Concen: 20.14 ug/l
RT: 11.449 min Scan# 3639
Delta R.T. 0.000 min
Lab File: VN066236.D
Acq: 17 Mar 2021 16:00



Tgt Ion:131 Resp: 60321
Ion Ratio Lower Upper
131 100
133 94.2 47.5 142.5
119 66.8 33.1 99.2





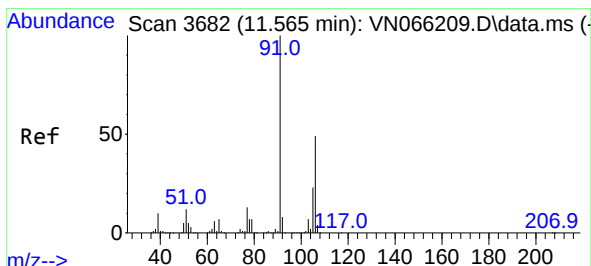
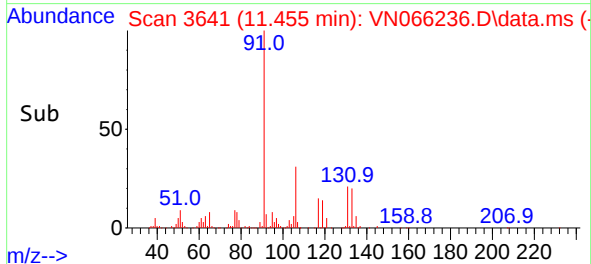
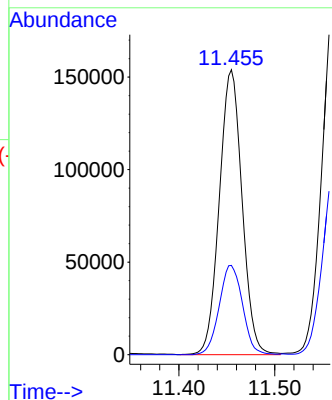
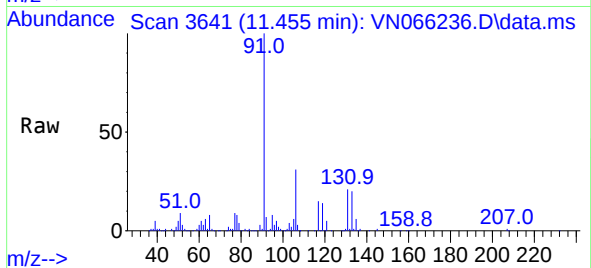
#67
Ethyl Benzene
Concen: 17.85 ug/l
RT: 11.455 min Scan# 3641
Delta R.T. 0.003 min
Lab File: VN066236.D
Acq: 17 Mar 2021 16:00

Tgt Ion: 91 Resp: 253168
Ion Ratio Lower Upper
91 100
106 31.3 24.2 36.2

Instrument :
MSVOA_N
ClientSampleId :
VN0317WBS02

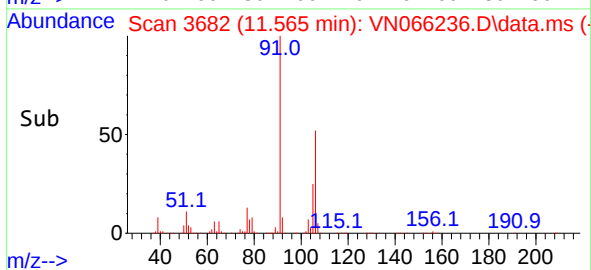
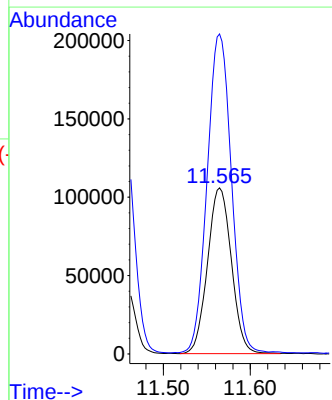
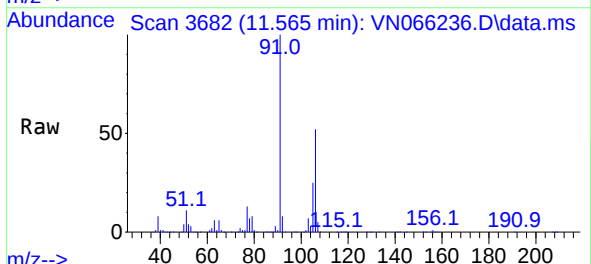
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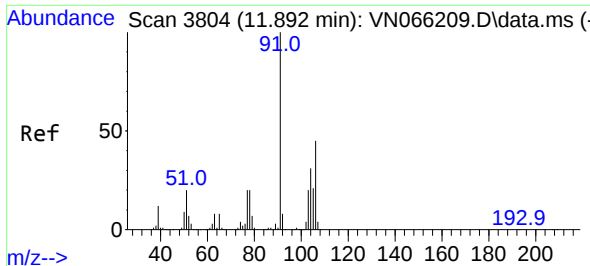
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#68
m/p-Xylenes
Concen: 38.36 ug/l
RT: 11.565 min Scan# 3682
Delta R.T. -0.000 min
Lab File: VN066236.D
Acq: 17 Mar 2021 16:00

Tgt Ion:106 Resp: 201820
Ion Ratio Lower Upper
106 100
91 194.5 168.2 252.4





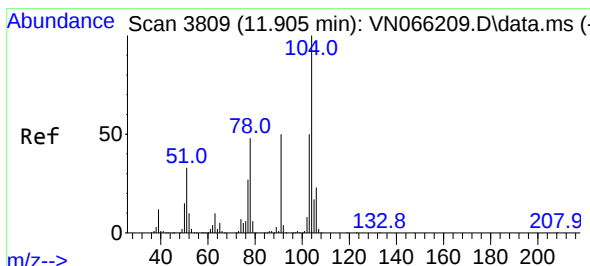
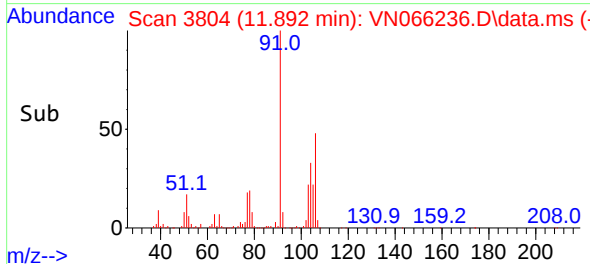
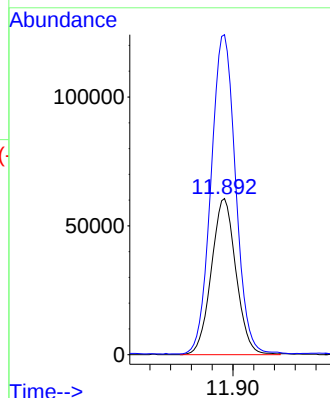
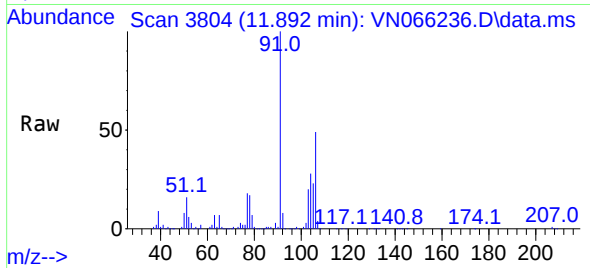
#69
o-Xylene
Concen: 19.72 ug/l
RT: 11.892 min Scan# 3804
Delta R.T. -0.000 min
Lab File: VN066236.D
Acq: 17 Mar 2021 16:00

Tgt Ion:106 Resp: 99661
Ion Ratio Lower Upper
106 100
91 204.2 111.8 335.3

Instrument :
MSVOA_N
ClientSampleId :
VN0317WBS02

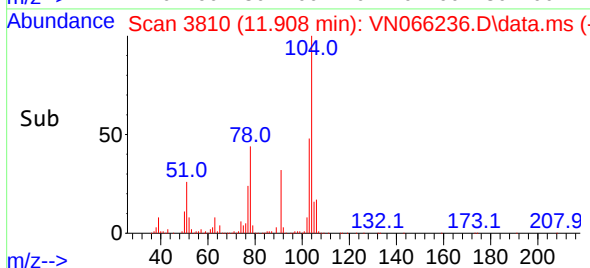
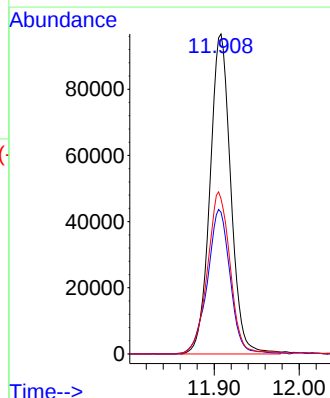
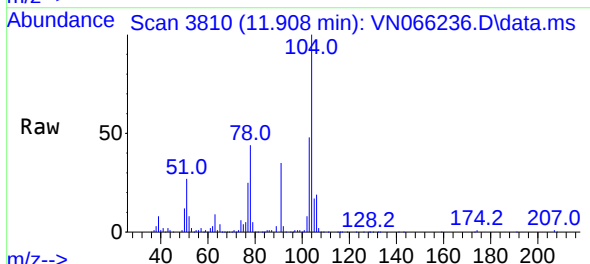
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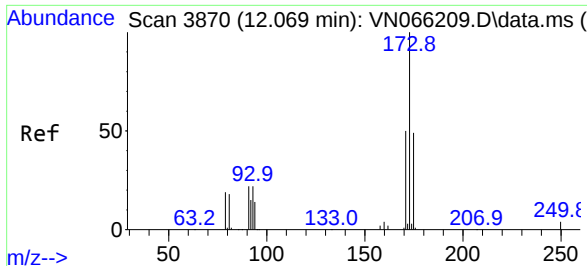
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#70
Styrene
Concen: 18.93 ug/l
RT: 11.908 min Scan# 3810
Delta R.T. 0.003 min
Lab File: VN066236.D
Acq: 17 Mar 2021 16:00

Tgt Ion:104 Resp: 164636
Ion Ratio Lower Upper
104 100
78 49.3 43.8 65.6
103 54.8 43.7 65.5





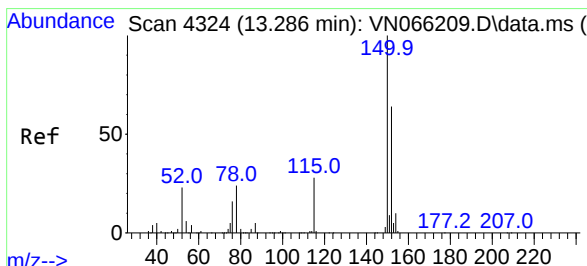
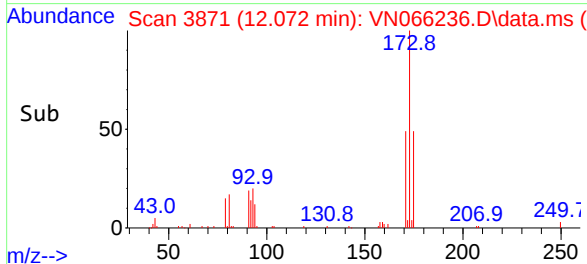
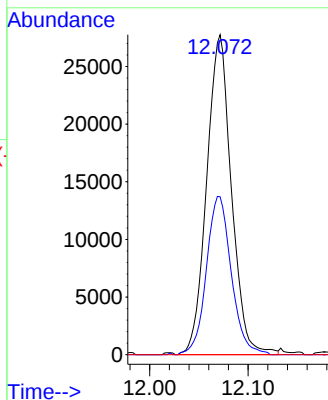
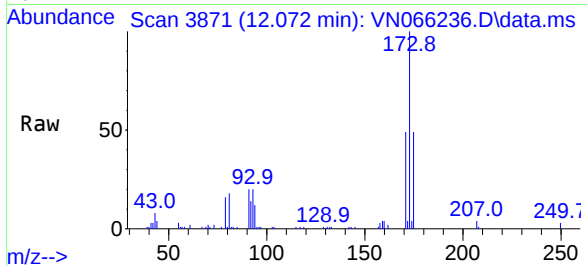
#71
Bromoform
Concen: 20.48 ug/l
RT: 12.072 min Scan# 3871
Delta R.T. 0.002 min
Lab File: VN066236.D
Acq: 17 Mar 2021 16:00

Tgt Ion:173 Resp: 48630
Ion Ratio Lower Upper
173 100
175 49.8 23.9 71.8
254 0.0 0.0 0.0

Instrument :
MSVOA_N
ClientSampleId :
VN0317WBS02

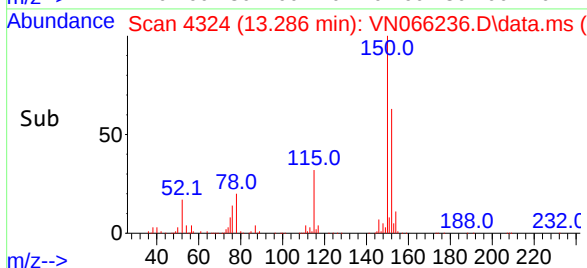
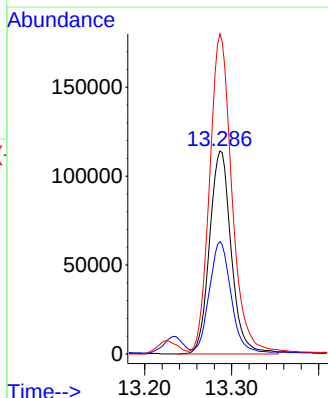
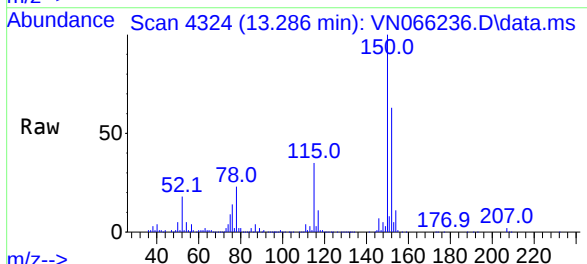
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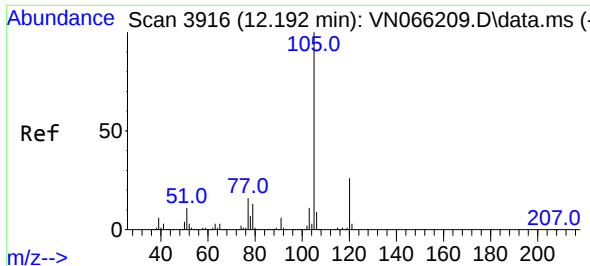
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.286 min Scan# 4324
Delta R.T. 0.000 min
Lab File: VN066236.D
Acq: 17 Mar 2021 16:00

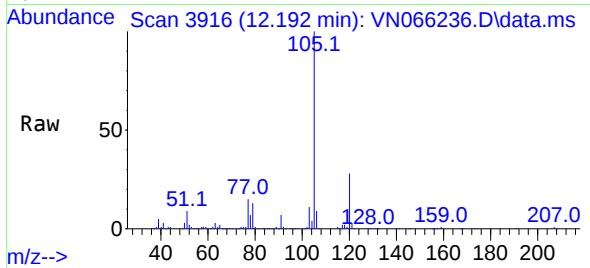
Tgt Ion:152 Resp: 198219
Ion Ratio Lower Upper
152 100
115 53.8 29.4 88.3
150 162.8 0.0 352.2





#73
Isopropylbenzene
Concen: 17.88 ug/l
RT: 12.192 min Scan# 3916
Delta R.T. 0.000 min
Lab File: VN066236.D
Acq: 17 Mar 2021 16:00

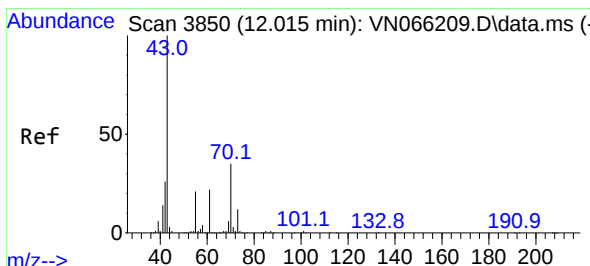
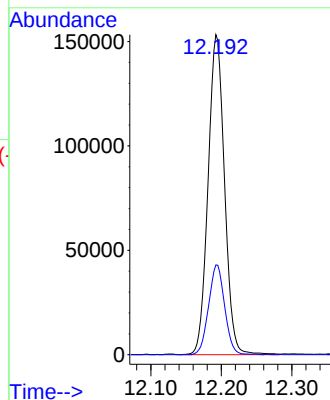
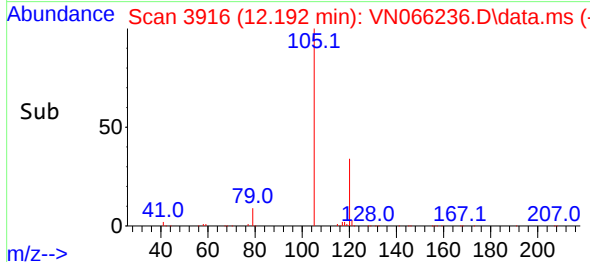
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBS02



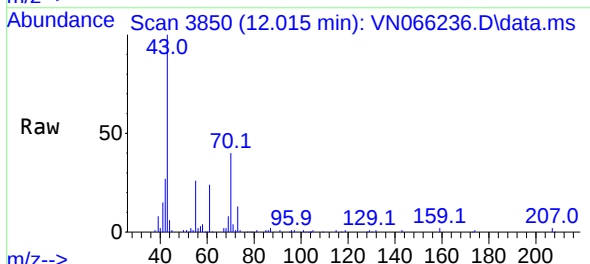
Tgt Ion:105 Resp: 248364
Ion Ratio Lower Upper
105 100
120 27.3 12.8 38.3

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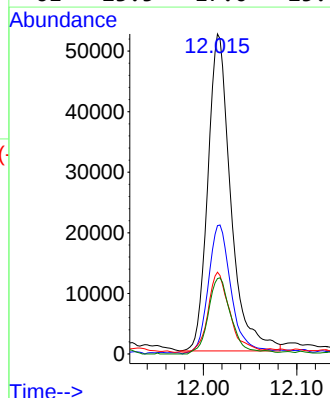
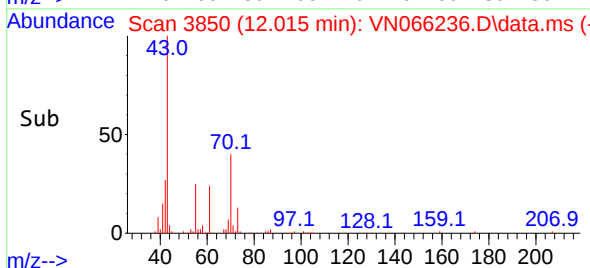
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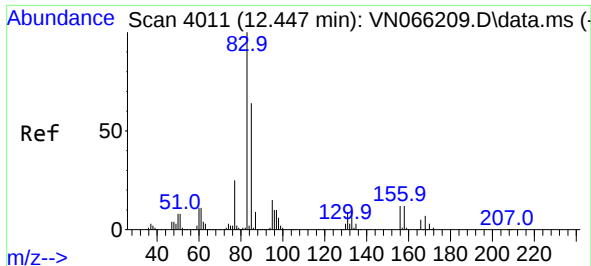


#74
N-ethyl acetate
Concen: 13.25 ug/l
RT: 12.015 min Scan# 3850
Delta R.T. 0.000 min
Lab File: VN066236.D
Acq: 17 Mar 2021 16:00



Tgt Ion: 43 Resp: 89408
Ion Ratio Lower Upper
43 100
70 41.2 26.2 39.4#
55 23.9 17.2 25.8
61 23.5 17.0 25.4





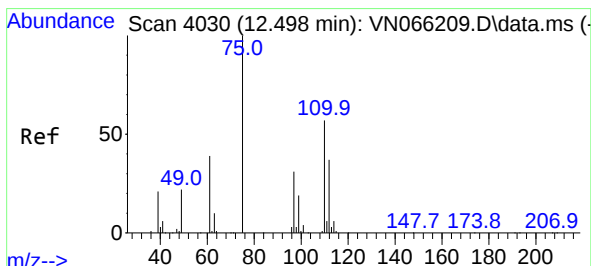
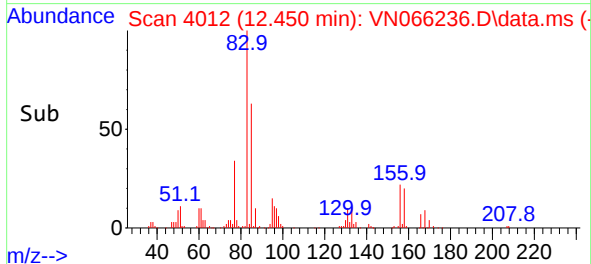
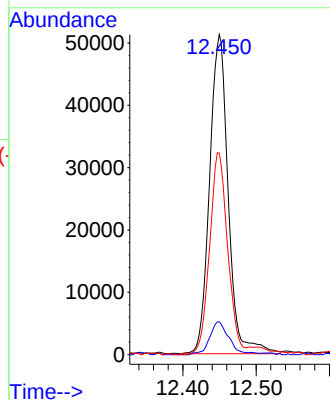
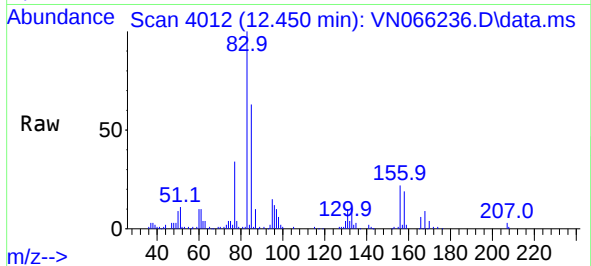
#75
1,1,2,2-Tetrachloroethane
Concen: 18.63 ug/l
RT: 12.450 min Scan# 4012
Delta R.T. 0.003 min
Lab File: VN066236.D
Acq: 17 Mar 2021 16:00

Tgt Ion: 83 Resp: 90424
Ion Ratio Lower Upper
83 100
131 10.4 4.5 13.5
85 61.5 31.8 95.4

Instrument :
MSVOA_N
ClientSampleId :
VN0317WBS02

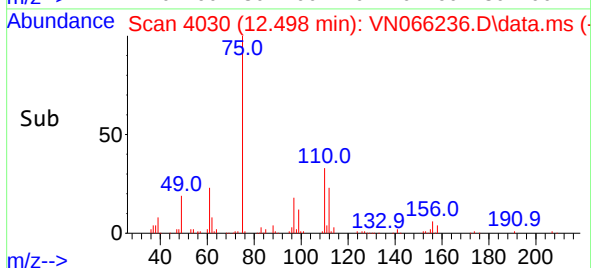
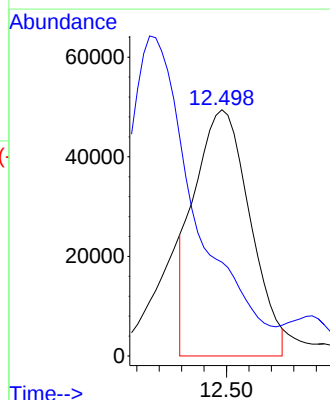
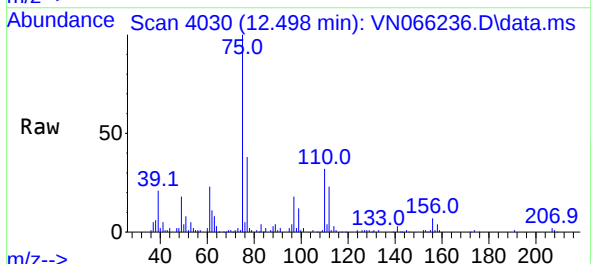
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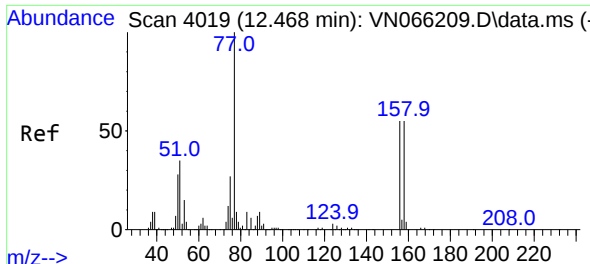
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3/18/2021 4:44:30 PM



#76
1,2,3-Trichloropropane
Concen: 16.50 ug/l m
RT: 12.498 min Scan# 4030
Delta R.T. -0.000 min
Lab File: VN066236.D
Acq: 17 Mar 2021 16:00

Tgt Ion: 75 Resp: 84477
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





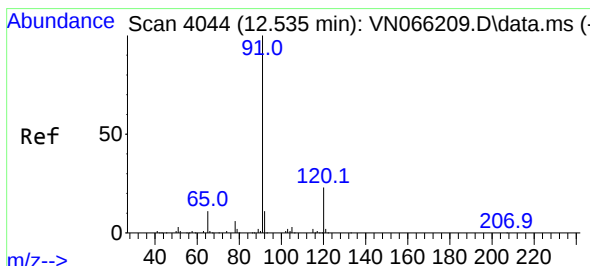
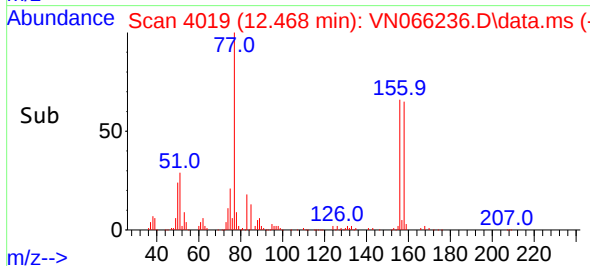
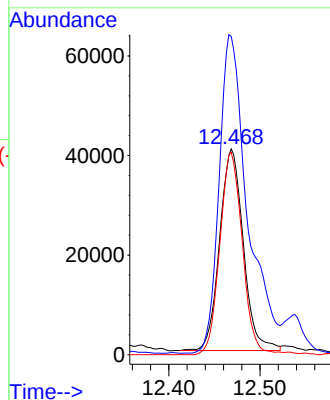
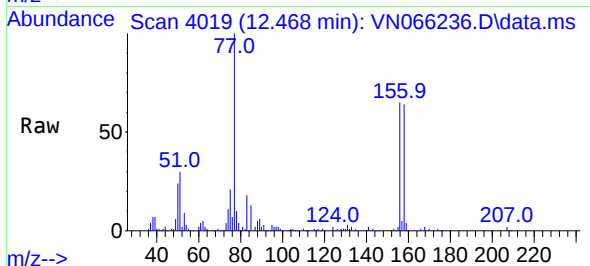
#77
Bromobenzene
Concen: 20.10 ug/l
RT: 12.468 min Scan# 4019
Delta R.T. 0.000 min
Lab File: VN066236.D
Acq: 17 Mar 2021 16:00

Tgt Ion:156 Resp: 73225
Ion Ratio Lower Upper
156 100
77 189.4 115.5 346.4
158 95.2 49.4 148.2

Instrument :
MSVOA_N
ClientSampleId :
VN0317WBS02

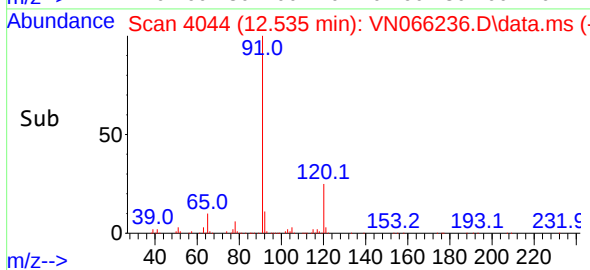
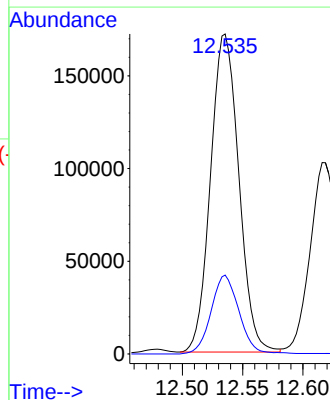
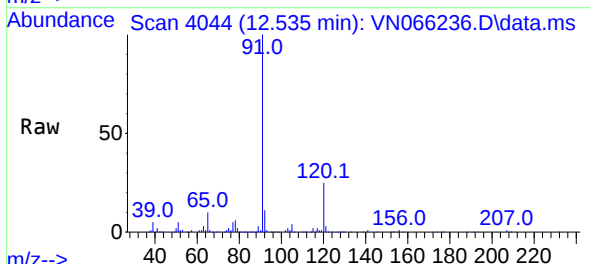
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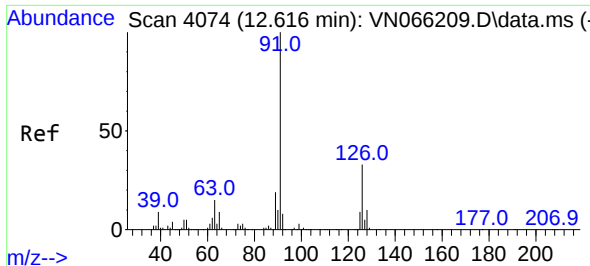
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#78
n-propylbenzene
Concen: 17.52 ug/l
RT: 12.535 min Scan# 4044
Delta R.T. 0.000 min
Lab File: VN066236.D
Acq: 17 Mar 2021 16:00

Tgt Ion: 91 Resp: 279861
Ion Ratio Lower Upper
91 100
120 24.5 10.8 32.4





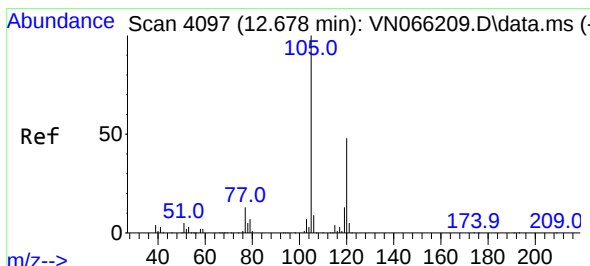
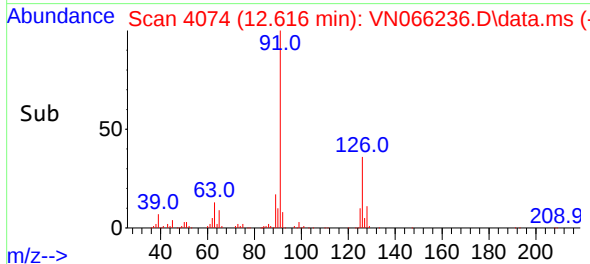
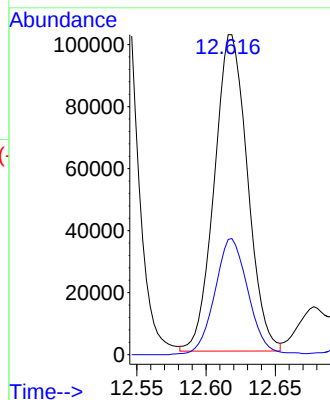
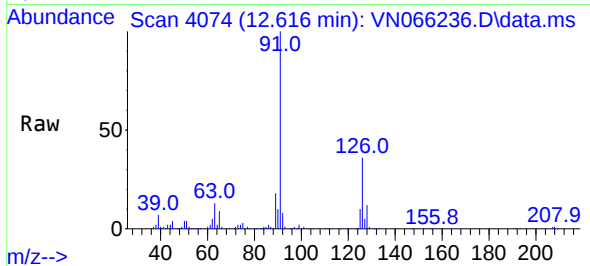
#79
2-Chlorotoluene
Concen: 17.42 ug/l
RT: 12.616 min Scan# 4074
Delta R.T. -0.000 min
Lab File: VN066236.D
Acq: 17 Mar 2021 16:00

Instrument :
MSVOA_N
ClientSampleId :
VN0317WBS02

Manual Integrations
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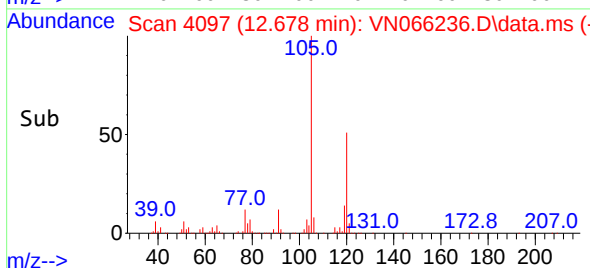
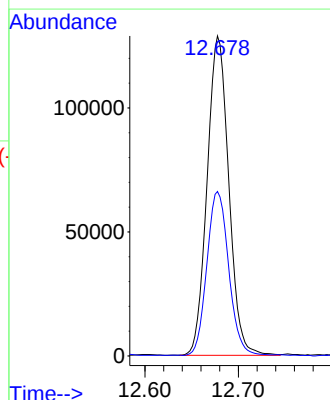
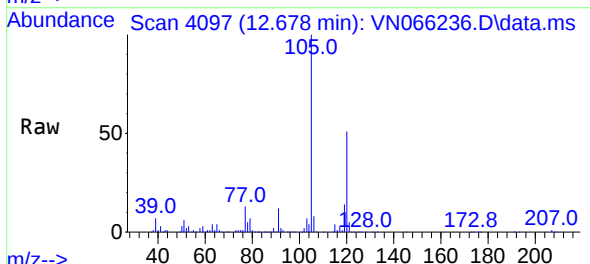
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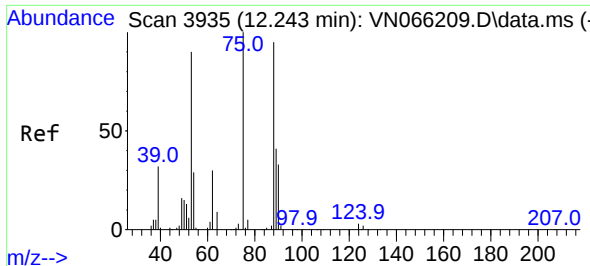
Tgt Ion: 91 Resp: 169994
Ion Ratio Lower Upper
91 100
126 36.9 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 18.02 ug/l
RT: 12.678 min Scan# 4097
Delta R.T. -0.000 min
Lab File: VN066236.D
Acq: 17 Mar 2021 16:00

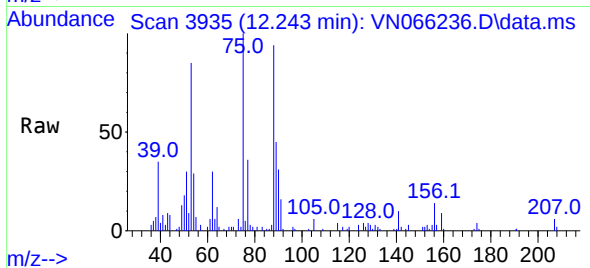
Tgt Ion: 105 Resp: 207623
Ion Ratio Lower Upper
105 100
120 51.8 23.9 71.8





#81
trans-1,4-Dichloro-2-butene
Concen: 15.16 ug/l
RT: 12.243 min Scan# 3935
Delta R.T. 0.000 min
Lab File: VN066236.D
Acq: 17 Mar 2021 16:00

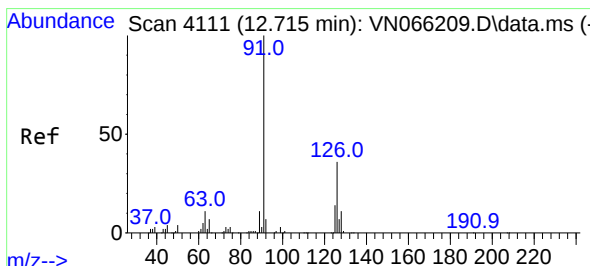
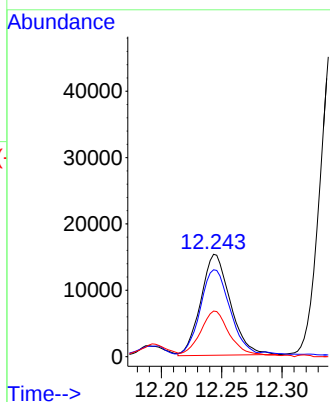
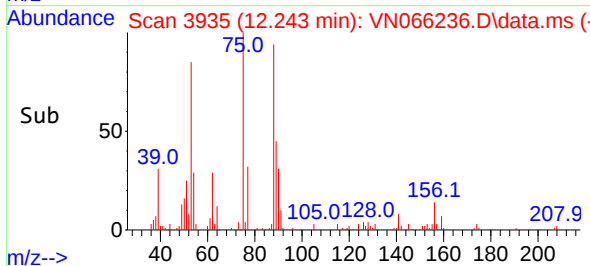
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBS02



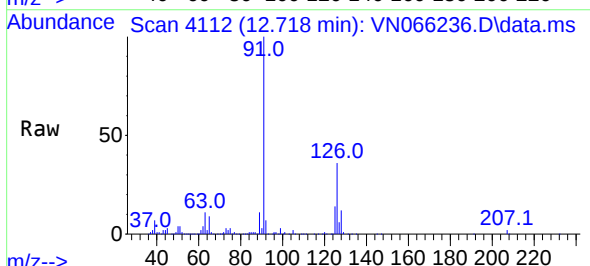
Tgt Ion: 75 Resp: 25938
Ion Ratio Lower Upper
75 100
53 83.4 77.8 116.6
89 43.5 33.7 50.5

Manual Integrations
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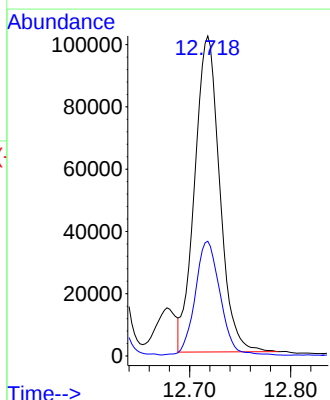
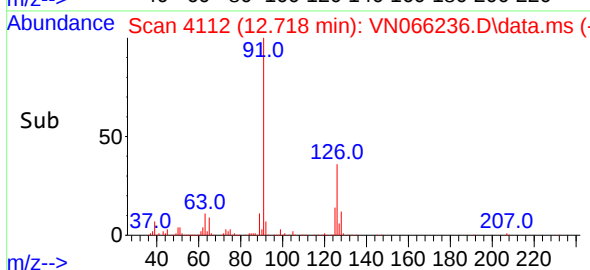
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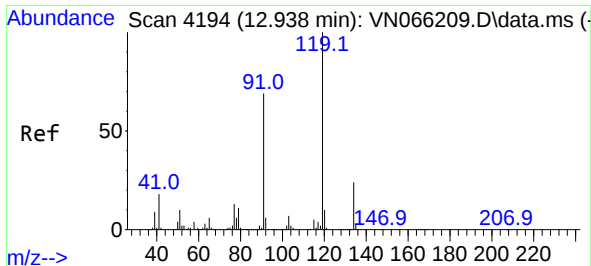


#82
4-Chlorotoluene
Concen: 16.80 ug/l
RT: 12.718 min Scan# 4112
Delta R.T. 0.003 min
Lab File: VN066236.D
Acq: 17 Mar 2021 16:00

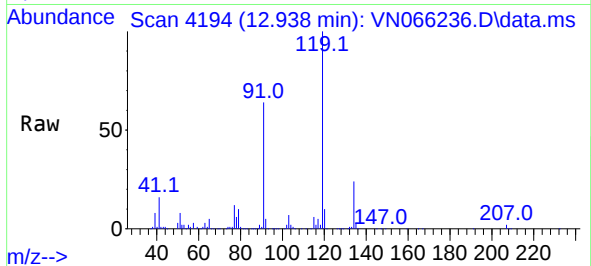


Tgt Ion: 91 Resp: 174934
Ion Ratio Lower Upper
91 100
126 36.2 15.7 47.1

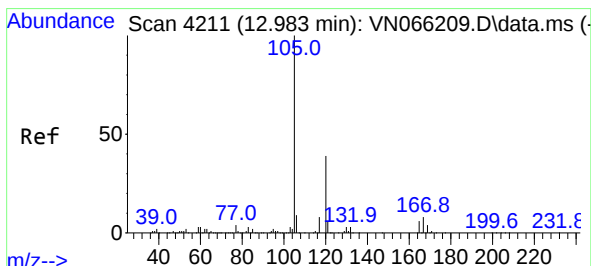
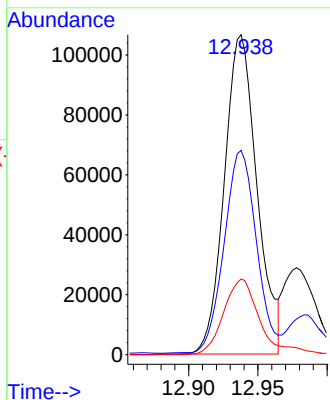
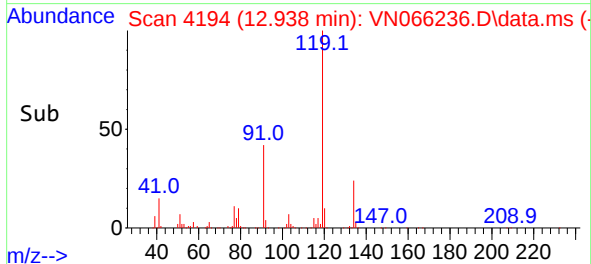




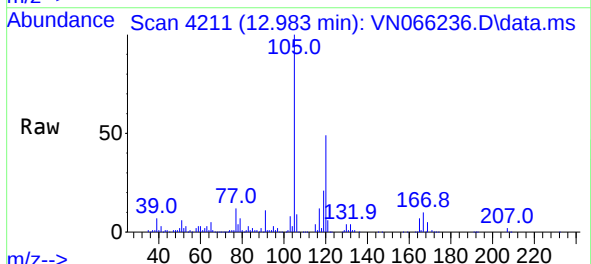
#83
tert-Butylbenzene
Concen: 17.42 ug/l
RT: 12.938 min Scan# 4194
Delta R.T. -0.000 min
Lab File: VN066236.D
Acq: 17 Mar 2021 16:00



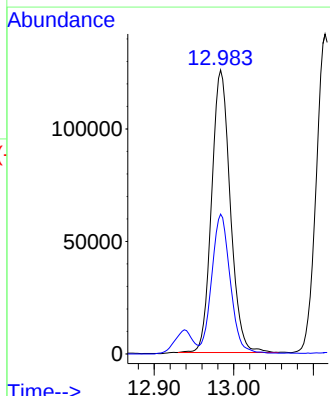
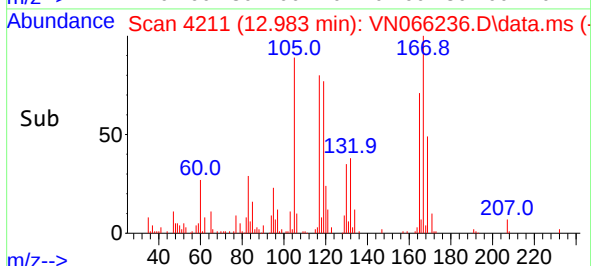
Tgt Ion:119 Resp: 175132
Ion Ratio Lower Upper
119 100
91 62.7 33.7 101.1
134 26.4 12.3 36.9



#84
1,2,4-Trimethylbenzene
Concen: 18.21 ug/l
RT: 12.983 min Scan# 4211
Delta R.T. 0.000 min
Lab File: VN066236.D
Acq: 17 Mar 2021 16:00



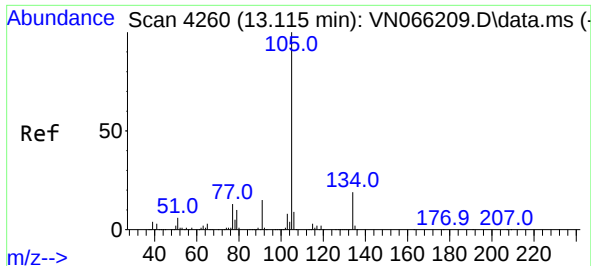
Tgt Ion:105 Resp: 205148
Ion Ratio Lower Upper
105 100
120 48.6 22.1 66.5



Instrument :
MSVOA_N
ClientSampleId :
VN0317WBS02

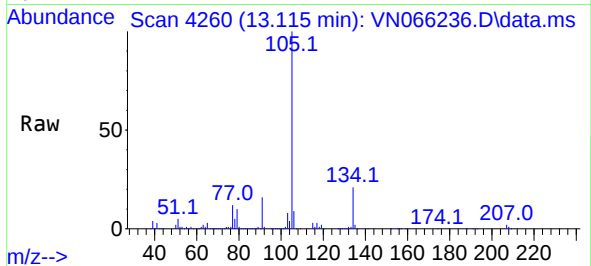
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#85
 sec-Butylbenzene
 Concen: 17.81 ug/l
 RT: 13.115 min Scan# 4260
 Delta R.T. -0.000 min
 Lab File: VN066236.D
 Acq: 17 Mar 2021 16:00

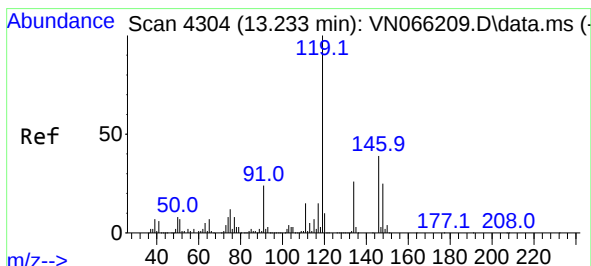
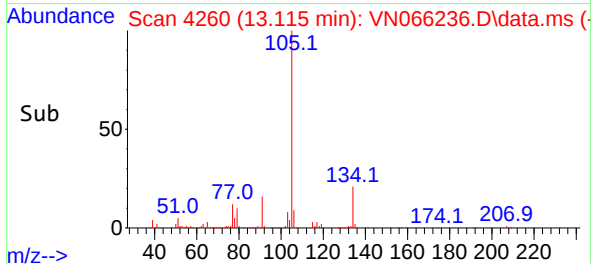
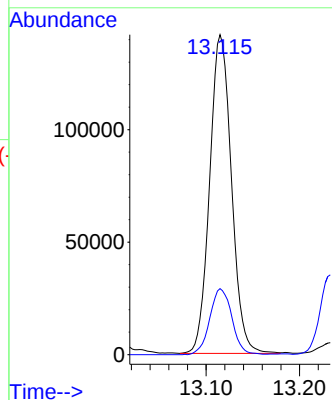
Instrument :
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 ClientSampleId :
 VN0317WBS02



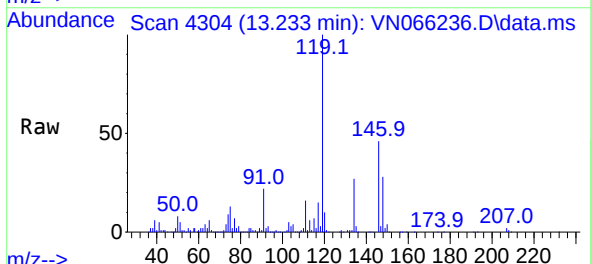
Tgt Ion:105 Resp: 229493
 Ion Ratio Lower Upper
 105 100
 134 21.1 9.6 28.8

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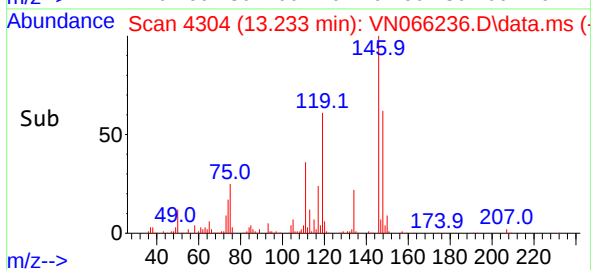
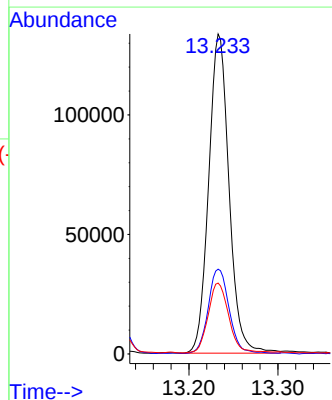
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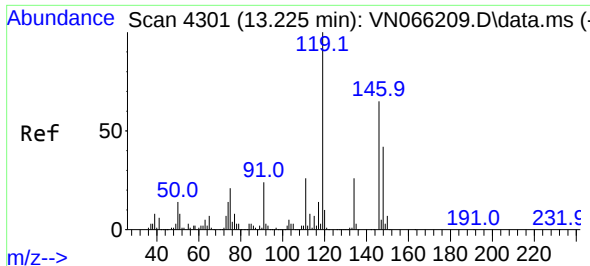


#86
 p-Isopropyltoluene
 Concen: 18.75 ug/l
 RT: 13.233 min Scan# 4304
 Delta R.T. -0.000 min
 Lab File: VN066236.D
 Acq: 17 Mar 2021 16:00



Tgt Ion:119 Resp: 211901
 Ion Ratio Lower Upper
 119 100
 134 27.3 13.1 39.1
 91 22.3 12.0 36.0





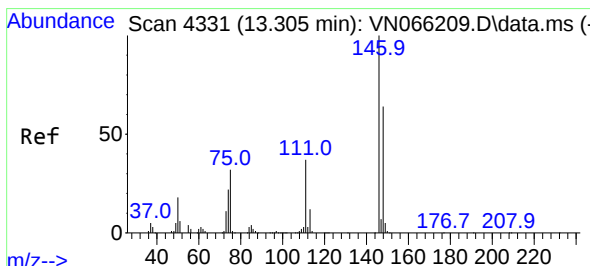
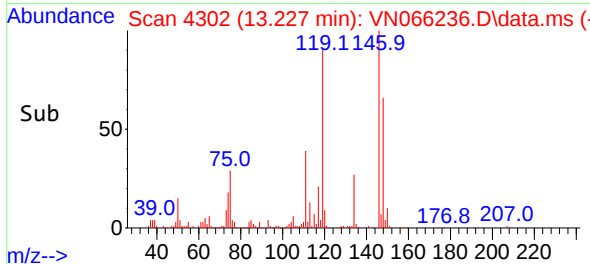
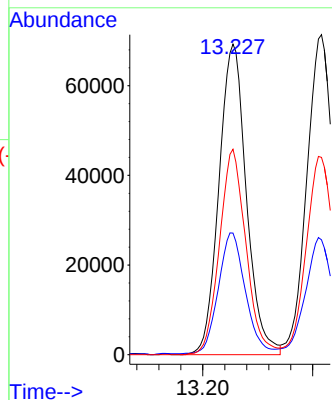
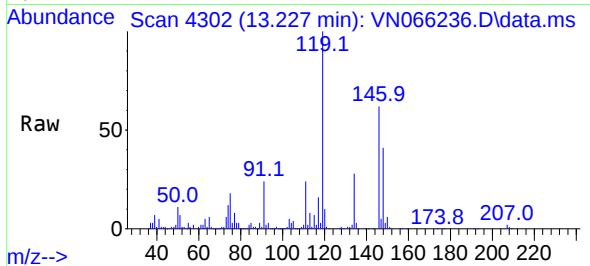
#87
1,3-Dichlorobenzene
Concen: 19.46 ug/l
RT: 13.227 min Scan# 4302
Delta R.T. 0.002 min
Lab File: VN066236.D
Acq: 17 Mar 2021 16:00

Tgt Ion:146 Resp: 120158
Ion Ratio Lower Upper
146 100
111 38.0 20.3 61.0
148 64.0 32.4 97.2

Instrument :
MSVOA_N
ClientSampleId :
VN0317WBS02

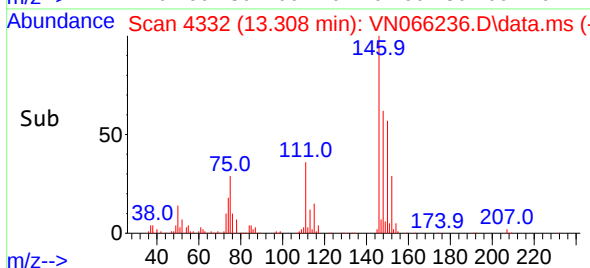
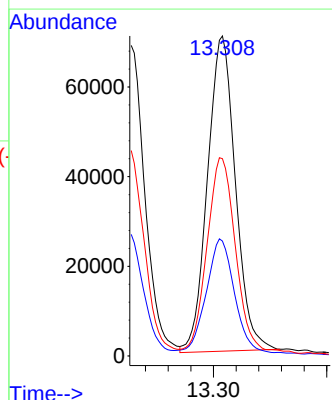
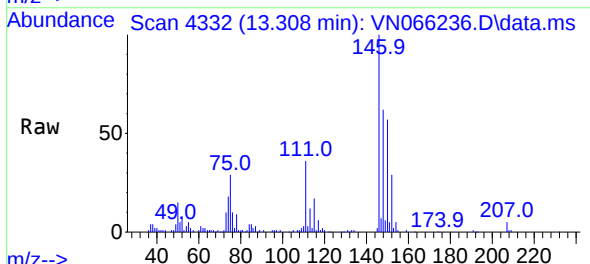
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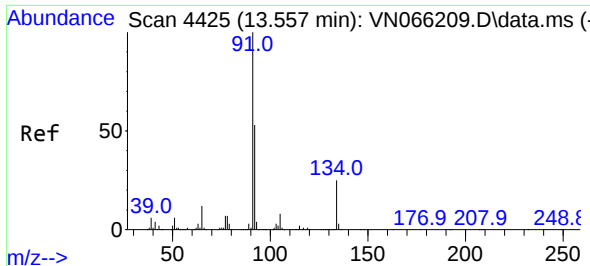
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#88
1,4-Dichlorobenzene
Concen: 18.63 ug/l
RT: 13.308 min Scan# 4332
Delta R.T. 0.003 min
Lab File: VN066236.D
Acq: 17 Mar 2021 16:00

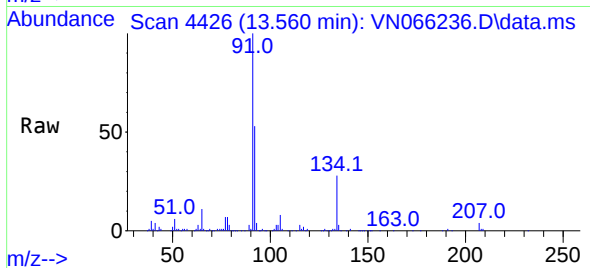
Tgt Ion:146 Resp: 120466
Ion Ratio Lower Upper
146 100
111 37.8 19.9 59.7
148 64.8 33.2 99.6





#89
n-Butylbenzene
Concen: 17.19 ug/l
RT: 13.560 min Scan# 4426
Delta R.T. 0.003 min
Lab File: VN066236.D
Acq: 17 Mar 2021 16:00

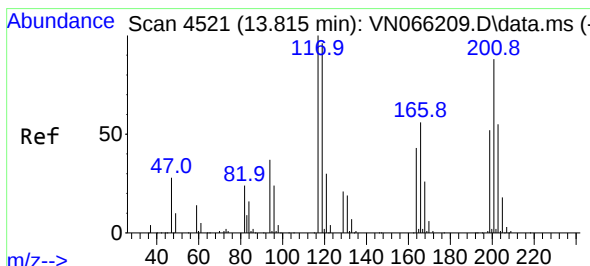
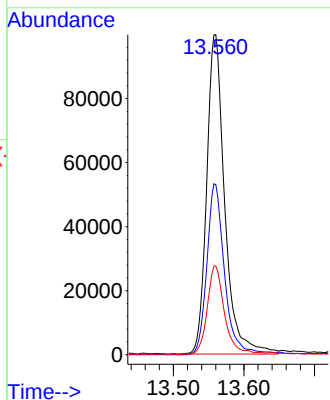
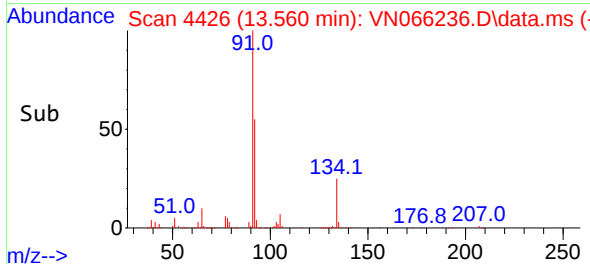
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBS02



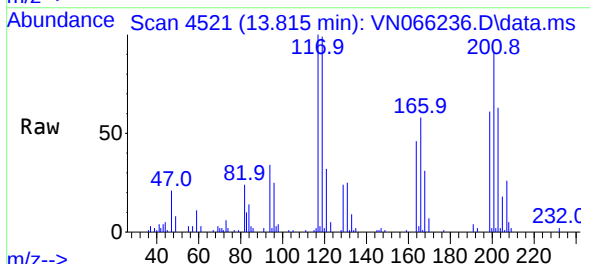
Tgt Ion: 91 Resp: 177417
Ion Ratio Lower Upper
91 100
92 52.4 25.7 77.0
134 26.6 11.8 35.4

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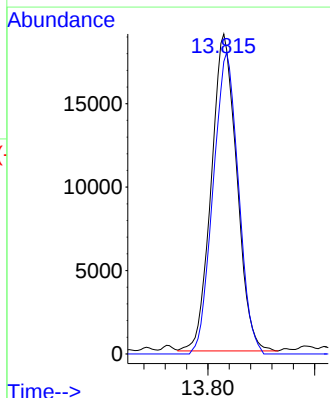
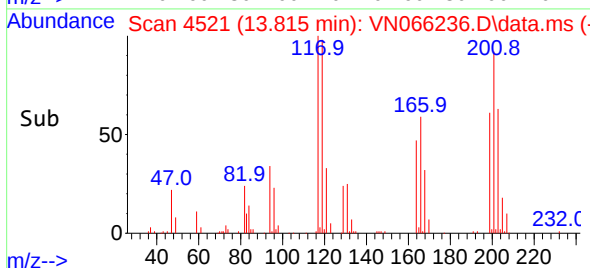
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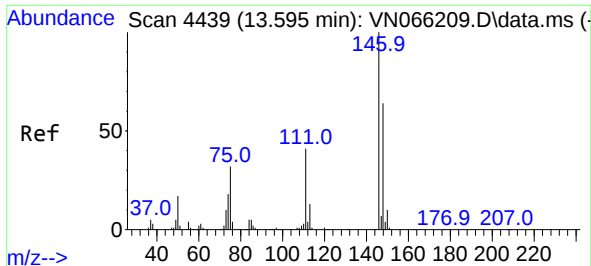


#90
Hexachloroethane
Concen: 15.93 ug/l
RT: 13.815 min Scan# 4521
Delta R.T. -0.000 min
Lab File: VN066236.D
Acq: 17 Mar 2021 16:00

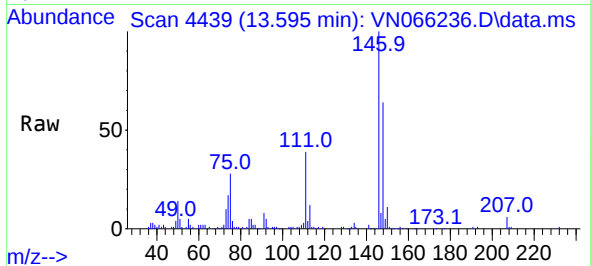


Tgt Ion: 117 Resp: 31516
Ion Ratio Lower Upper
117 100
201 94.3 42.5 127.5

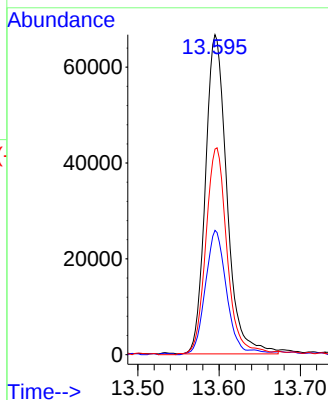
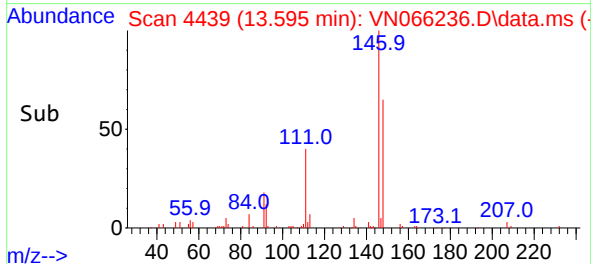




#91
1,2-Dichlorobenzene
Concen: 20.15 ug/l
RT: 13.595 min Scan# 4439
Delta R.T. -0.000 min
Lab File: VN066236.D
Acq: 17 Mar 2021 16:00



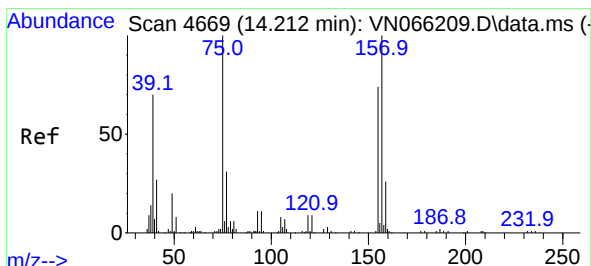
Tgt Ion:146 Resp: 122577
Ion Ratio Lower Upper
146 100
111 37.8 20.9 62.7
148 64.5 31.2 93.6



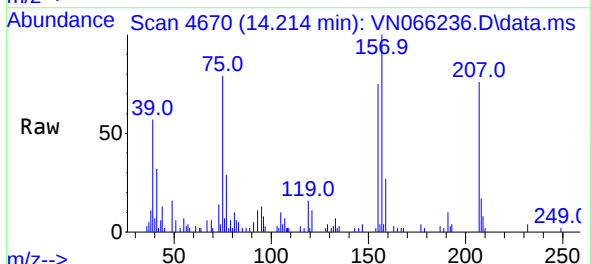
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBS02

Manual Integrations
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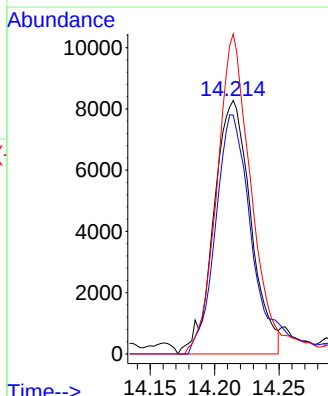
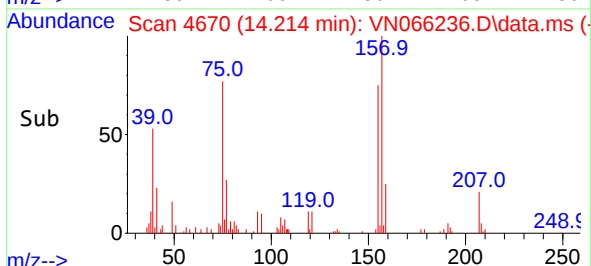
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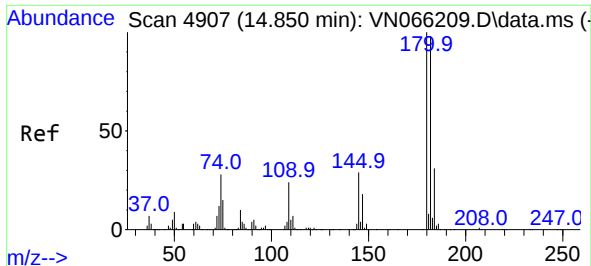


#92
1,2-Dibromo-3-Chloropropane
Concen: 15.74 ug/l
RT: 14.214 min Scan# 4670
Delta R.T. 0.002 min
Lab File: VN066236.D
Acq: 17 Mar 2021 16:00



Tgt Ion: 75 Resp: 16421
Ion Ratio Lower Upper
75 100
155 95.1 36.5 109.7
157 119.8 46.3 138.8





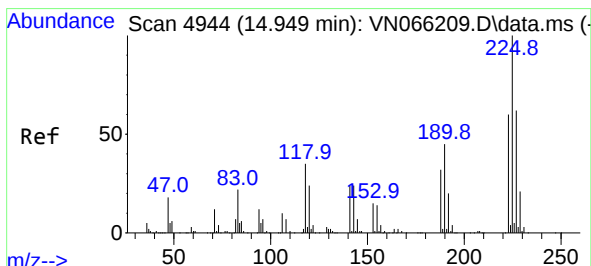
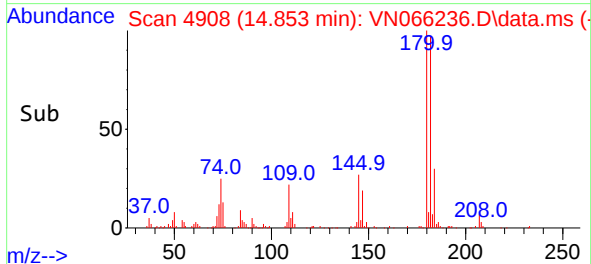
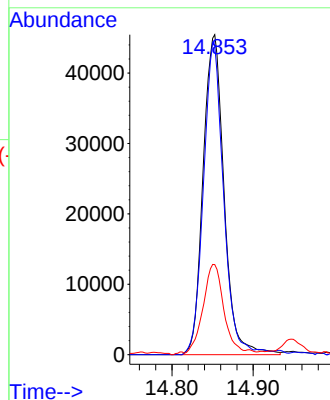
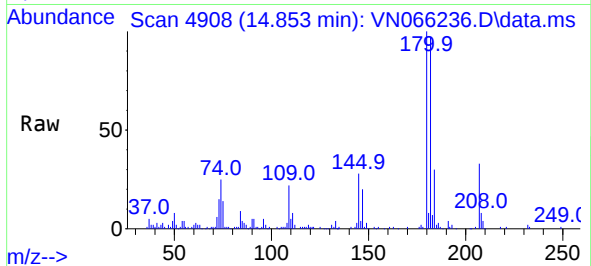
#93
1,2,4-Trichlorobenzene
Concen: 20.45 ug/l
RT: 14.853 min Scan# 4908
Delta R.T. 0.003 min
Lab File: VN066236.D
Acq: 17 Mar 2021 16:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.8	47.4	142.2
145	27.0	14.1	42.3

Instrument :
MSVOA_N
ClientSampleId :
VN0317WBS02

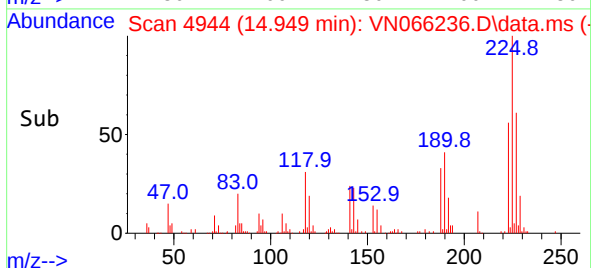
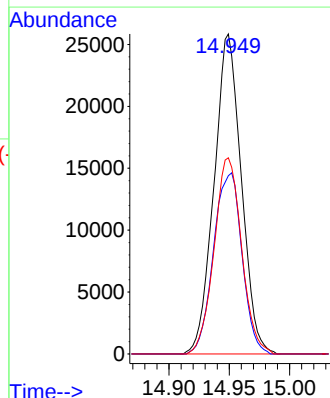
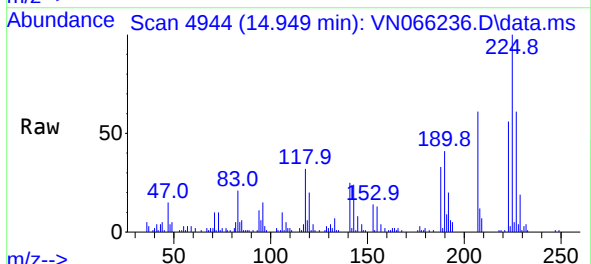
Manual Integrations
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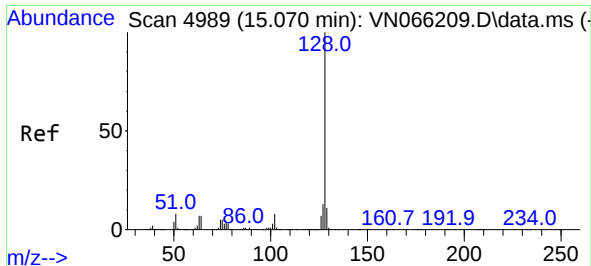
MMDadoda
3/18/2021 4:44:30 PM



#94
Hexachlorobutadiene
Concen: 21.01 ug/l
RT: 14.949 min Scan# 4944
Delta R.T. 0.000 min
Lab File: VN066236.D
Acq: 17 Mar 2021 16:00

Tgt Ion	Ratio	Lower	Upper
225	100		
223	59.2	31.3	93.8
227	61.9	31.9	95.7





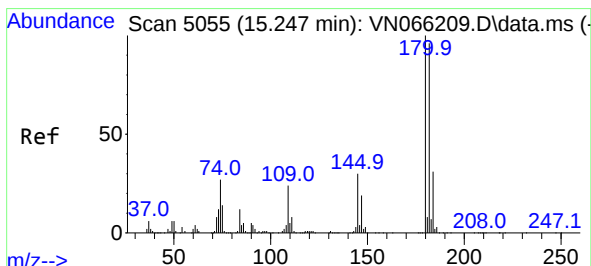
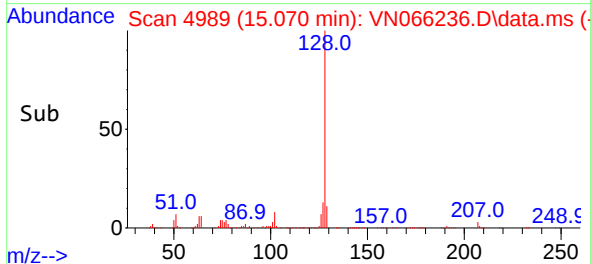
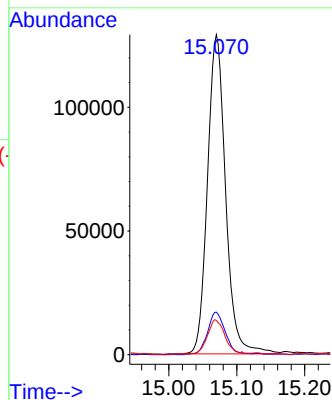
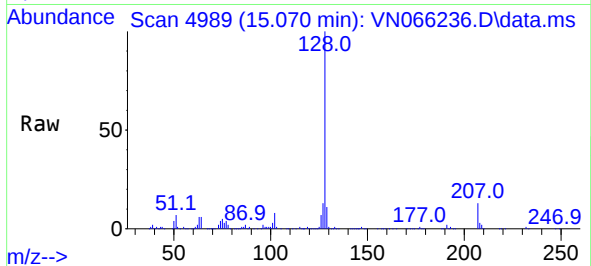
#95
Naphthalene
Concen: 20.62 ug/l
RT: 15.070 min Scan# 4989
Delta R.T. -0.000 min
Lab File: VN066236.D
Acq: 17 Mar 2021 16:00

Tgt Ion:128 Resp: 239616
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 10.4 8.4 12.6

Instrument :
MSVOA_N
ClientSampleId :
VN0317WBS02

Manual Integrations
APPROVED

MMDadoda
3/18/2021 4:44:30 PM



#96
1,2,3-Trichlorobenzene
Concen: 20.14 ug/l
RT: 15.250 min Scan# 5056
Delta R.T. 0.003 min
Lab File: VN066236.D
Acq: 17 Mar 2021 16:00

Tgt Ion:180 Resp: 79721
Ion Ratio Lower Upper
180 100
182 93.3 47.9 143.8
145 30.0 15.6 46.8

