

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041321\
 Data File : VN066583.D
 Acq On : 13 Apr 2021 17:30
 Operator : JC/MD
 Sample : VN0413WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0413WBS01

Manual Integrations
 APPROVED

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Quant Time: Apr 15 19:29:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 15 19:20:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.094	128	47915	30.00	ug/l	-0.01
28) 1,4-Difluorobenzene	8.507	114	230161	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.347	117	228500	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.941	65	132178	29.92	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	99.73%	
60) 4-Bromofluorobenzene	12.342	95	101769	29.25	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	97.50%	
63) Toluene-d8	10.022	98	328187	29.97	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	99.90%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.816	85	64613	18.69	ug/l	95
3) Chloromethane	2.014	50	85842	17.70	ug/l	97
4) Vinyl Chloride	2.143	62	81354	18.32	ug/l	96
5) Bromomethane	2.510	94	52229	17.60	ug/l	93
6) Chloroethane	2.644	64	53399	18.04	ug/l	97
7) Trichlorofluoromethane	2.955	101	118055	18.48	ug/l	97
8) Diethyl Ether	3.336	74	42673	18.11	ug/l	72
9) 1,1,2-Trichlorotrifluo...	3.671	101	61284	18.58	ug/l	91
10) 1,1-Dichloroethene	3.647	96	58356	18.15	ug/l	84
11) Methyl Iodide	3.862	142	76031	19.06	ug/l	88
12) Methyl Acetate	4.227	43	109490	16.40	ug/l #	87
13) Acrolein	3.524	56	54816	76.50	ug/l	99
14) Acrylonitrile	4.870	53	148901m	84.12	ug/l	
15) Acetone	3.730	58	52595	80.66	ug/l	69
16) Carbon Disulfide	3.956	76	188585	17.05	ug/l	98
17) Allyl chloride	4.219	41	141237	16.62	ug/l	93
18) Methylene Chloride	4.439	84	59122	16.23	ug/l #	85
19) trans-1,2-Dichloroethene	4.919	96	53906	17.53	ug/l	90
20) Diisopropyl ether	5.849	45	227928	18.40	ug/l #	95
21) 1,1-Dichloroethane	5.737	63	116638	17.71	ug/l	97
22) cis-1,2-Dichloroethene	6.724	96	58803	17.65	ug/l	87
23) tert-Butyl Alcohol	4.707	59	45997	78.04	ug/l #	100
24) Methyl tert-Butyl Ether	4.937	73	171075	17.71	ug/l	92
25) Chloroform	7.279	83	115128	17.81	ug/l	95
26) Cyclohexane	7.560	56	89059	15.84	ug/l #	95
29) 1,1-Dichloropropene	7.705	75	79802	17.42	ug/l	96
30) 2-Butanone	6.740	43	206503	79.74	ug/l	92
31) 2,2-Dichloropropane	6.713	77	98572m	17.63	ug/l	
32) 1,1,1-Trichloroethane	7.477	97	98766	17.56	ug/l	96
33) Carbon Tetrachloride	7.686	117	84409	17.79	ug/l	99
34) Benzene	7.955	78	243748	17.71	ug/l #	90
35) Methacrylonitrile	7.072	41	44276m	17.63	ug/l	
36) 1,2-Dichloroethane	8.040	62	98580	17.60	ug/l	99
37) Trichloroethene	8.756	130	55305	17.72	ug/l	95
38) Methylcyclohexane	9.006	83	80156	17.68	ug/l	89
39) 1,2-Dichloropropane	9.043	63	67851	17.49	ug/l	97
40) Dibromomethane	9.135	93	42521	17.38	ug/l	90
41) Bromodichloromethane	9.333	83	93008	17.41	ug/l	98
42) Vinyl Acetate	5.788	43	940261	90.78	ug/l	96

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	6.833	43	82701	14.33	ug/l #	95
44) Isopropyl Acetate	8.089	43	150742	16.70	ug/l #	81
45) 1,4-Dioxane	9.132	88	16506	336.54	ug/l #	91
46) Methyl methacrylate	9.129	41	69479	16.86	ug/l	92
47) n-amyl Acetate	12.020	43	38044	14.55	ug/l	99
48) t-1,3-Dichloropropene	10.317	75	88310	17.01	ug/l	99
49) cis-1,3-Dichloropropene	9.773	75	97772	17.69	ug/l	94
50) 1,1,2-Trichloroethane	10.497	97	57560	17.42	ug/l	99
51) Ethyl methacrylate	10.368	69	72636	17.26	ug/l	92
52) 1,3-Dichloropropane	10.642	76	100321	17.73	ug/l	100
53) Dibromochloromethane	10.840	129	63766	17.70	ug/l	98
54) 1,2-Dibromoethane	10.945	107	58158	17.94	ug/l	97
55) 2-Chloroethyl vinyl ether	9.628	63	30655	78.76	ug/l	99
56) Bromoform	12.069	173	39852	17.05	ug/l #	100
58) 4-Methyl-2-Pentanone	9.920	43	456610	84.56	ug/l #	92
59) 2-Hexanone	10.693	43	287631	82.18	ug/l	92
61) Tetrachloroethene	10.567	164	50281	17.97	ug/l	97
62) Toluene	10.089	91	254710	18.05	ug/l	100
64) Chlorobenzene	11.371	112	147419	18.03	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.446	131	57428	17.05	ug/l	99
66) Ethyl Benzene	11.452	91	254687	17.65	ug/l	98
67) m/p-Xylenes	11.562	106	192267	35.74	ug/l	98
68) o-Xylene	11.889	106	87645	17.80	ug/l	98
69) Styrene	11.905	104	146098	17.85	ug/l	97
70) Isopropylbenzene	12.192	105	235459	18.05	ug/l	97
71) 1,1,2,2-Tetrachloroethane	12.447	83	83644	17.04	ug/l	100
72) 1,2,3-Trichloropropane	12.498	75	72948m	15.92	ug/l	
73) Bromobenzene	12.468	156	57251	17.91	ug/l	89
74) n-propylbenzene	12.533	91	277521	17.99	ug/l	98
75) 2-Chlorotoluene	12.616	91	171672	17.76	ug/l	94
76) 1,3,5-Trimethylbenzene	12.678	105	197687	17.89	ug/l	96
77) t-1,4-Dichloro-2-butene	12.243	75	17490	16.82	ug/l	91
78) 4-Chlorotoluene	12.718	91	163466	18.15	ug/l	98
79) tert-butylbenzene	12.935	119	160196	17.65	ug/l	97
80) 1,2,4-Trimethylbenzene	12.983	105	190385	18.28	ug/l	100
81) sec-Butylbenzene	13.115	105	221093	17.84	ug/l	98
82) p-Isopropyltoluene	13.233	119	184542	17.83	ug/l	97
83) 1,3-Dichlorobenzene	13.227	146	98327	17.58	ug/l	96
84) 1,4-Dichlorobenzene	13.308	146	95385	16.51	ug/l	96
85) n-Butylbenzene	13.560	91	146292	15.97	ug/l	98
86) Hexachloroethane	13.815	117	42544	17.02	ug/l	84
87) 1,2-Dichlorobenzene	13.597	146	95458	17.46	ug/l	96
88) 1,2-Dibromo-3-Chloropr...	14.236	75	14676m	16.15	ug/l	
89) 1,2,4-Trichlorobenzene	14.979	180	49482	15.45	ug/l	97
90) Hexachlorobutadiene	15.105	225	30987	17.09	ug/l	95
91) Naphthalene	15.266	128	118149	13.76	ug/l #	93
92) 1,2,3-Trichlorobenzene	15.504	180	47891	15.47	ug/l	98

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

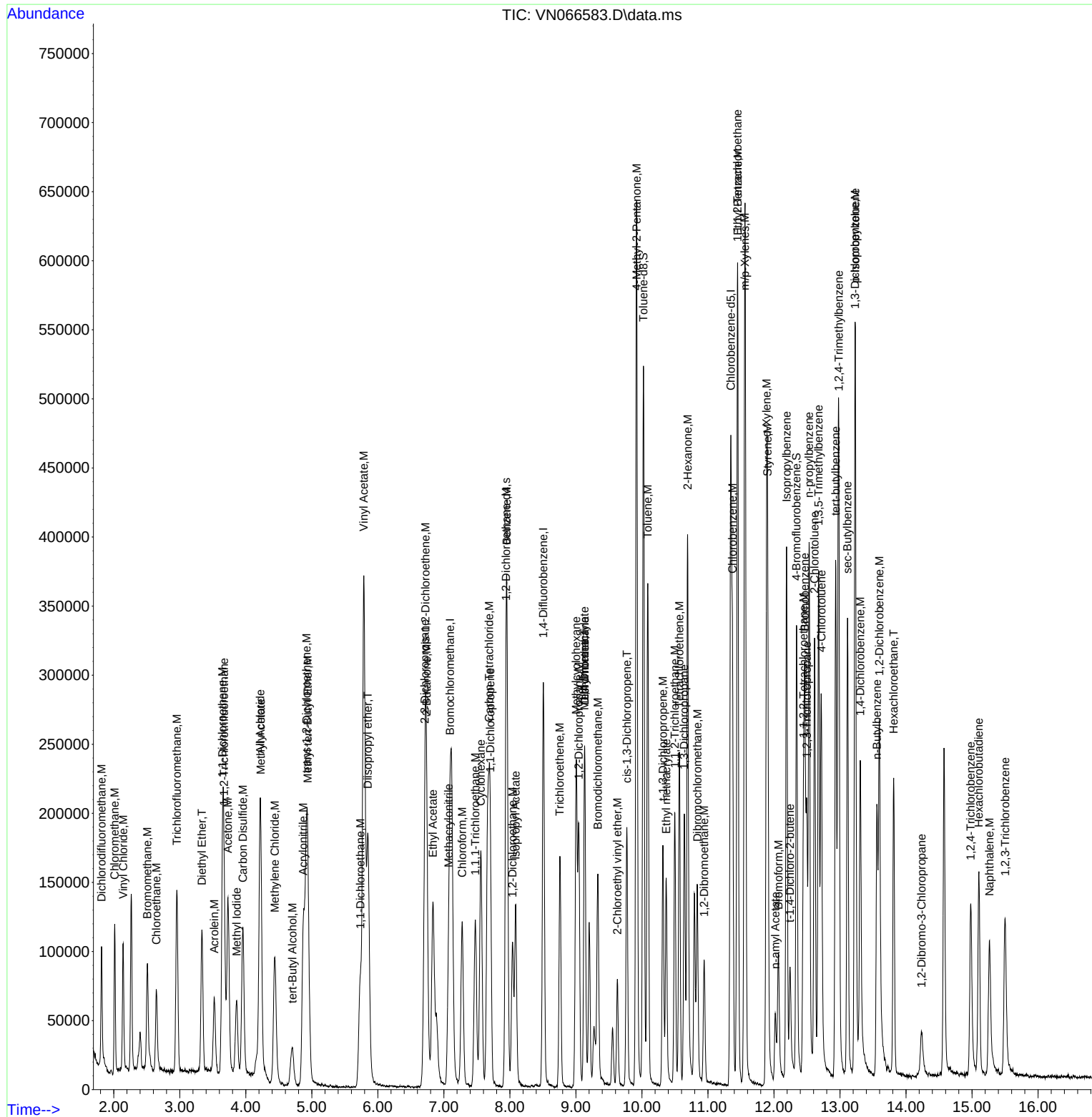
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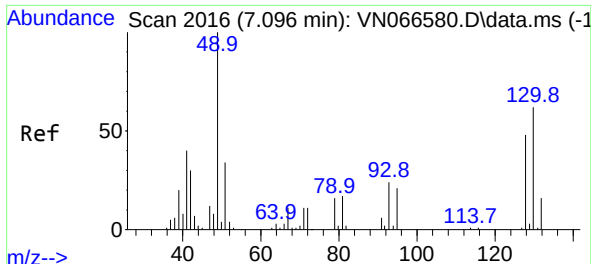
Instrument :
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 Client Sample Id :
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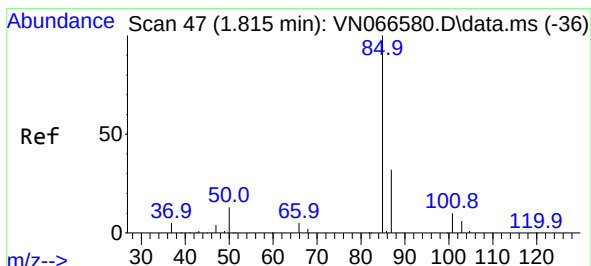
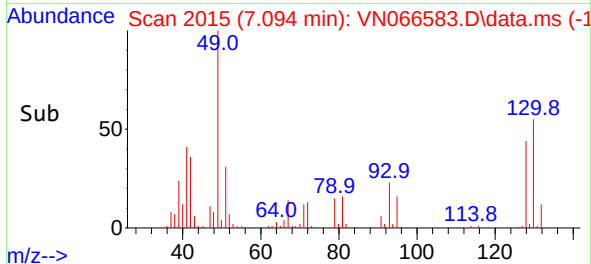
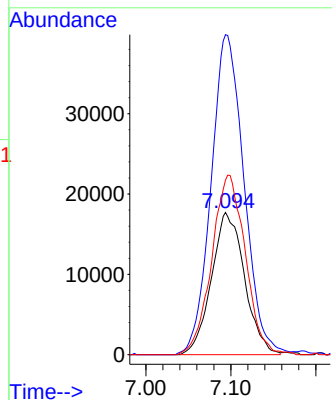
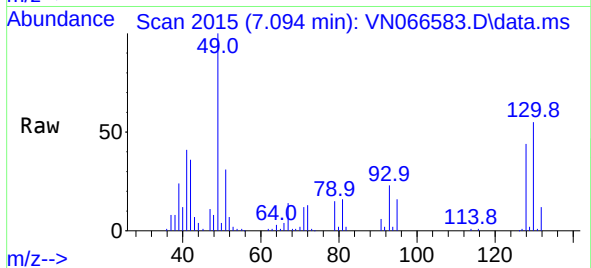
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Bromochloromethane
Concen: 30.00 ug/l
RT: 7.094 min Scan# 2015
Delta R.T. -0.013 min
Lab File: VN066583.D
Acq: 13 Apr 2021 17:30

Tgt Ion:128 Resp: 47915
Ion Ratio Lower Upper
128 100
49 223.9 0.0 429.3
130 128.4 0.0 328.5

Instrument :
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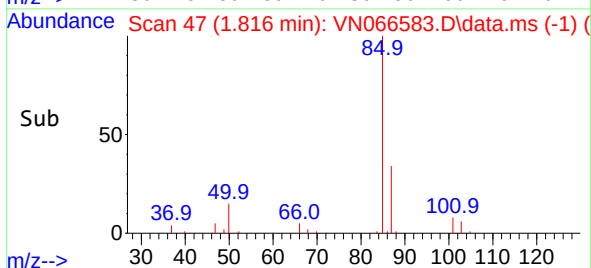
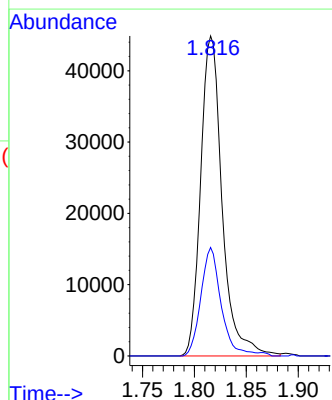
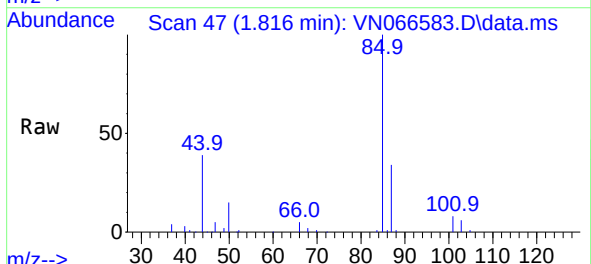
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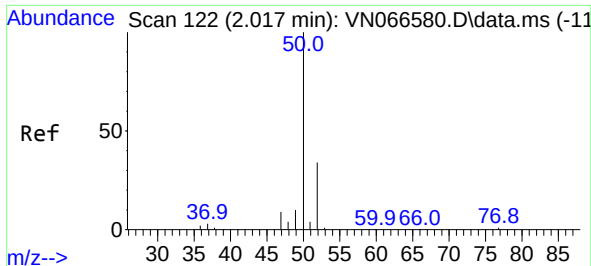
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#2
Dichlorodifluoromethane
Concen: 18.69 ug/l
RT: 1.816 min Scan# 47
Delta R.T. -0.002 min
Lab File: VN066583.D
Acq: 13 Apr 2021 17:30

Tgt Ion: 85 Resp: 64613
Ion Ratio Lower Upper
85 100
87 33.9 15.4 46.4





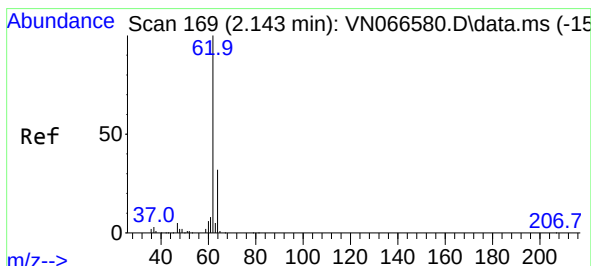
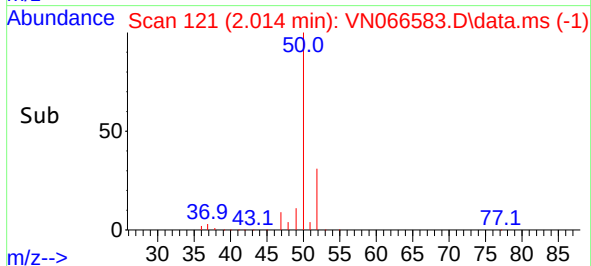
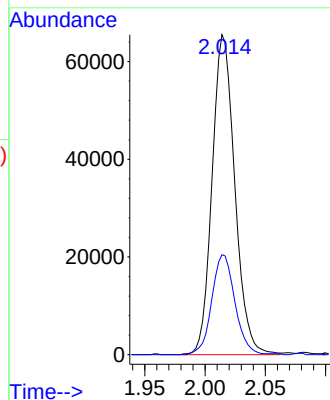
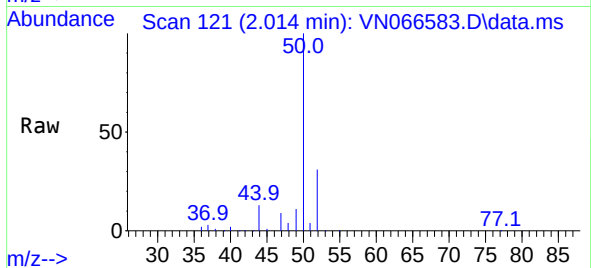
#3
Chloromethane
Concen: 17.70 ug/l
RT: 2.014 min Scan# 121
Delta R.T. -0.003 min
Lab File: VN066583.D
Acq: 13 Apr 2021 17:30

Tgt Ion: 50 Resp: 85842
Ion Ratio Lower Upper
50 100
52 31.2 26.2 39.4

Instrument :
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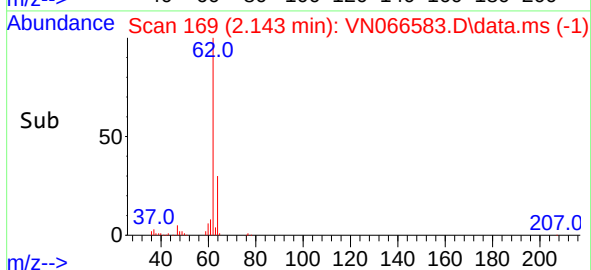
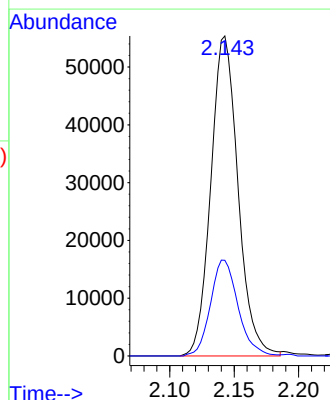
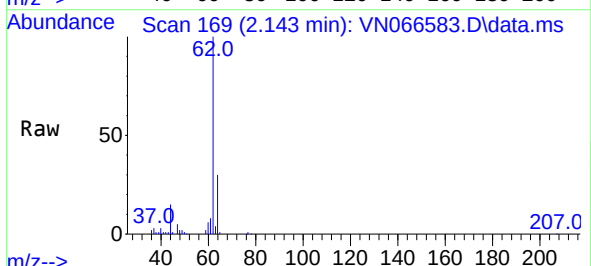
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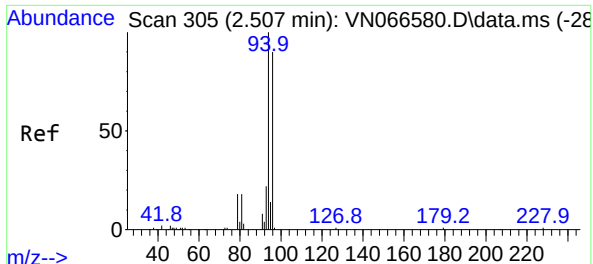
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#4
Vinyl Chloride
Concen: 18.32 ug/l
RT: 2.143 min Scan# 169
Delta R.T. -0.003 min
Lab File: VN066583.D
Acq: 13 Apr 2021 17:30

Tgt Ion: 62 Resp: 81354
Ion Ratio Lower Upper
62 100
64 29.9 25.8 38.6





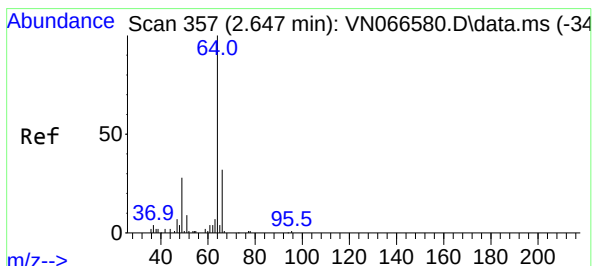
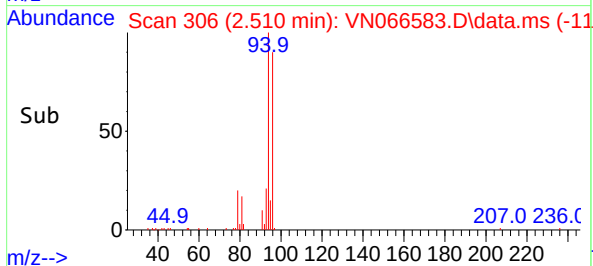
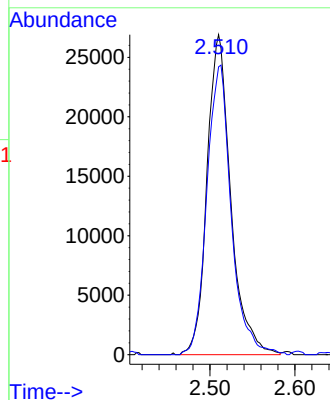
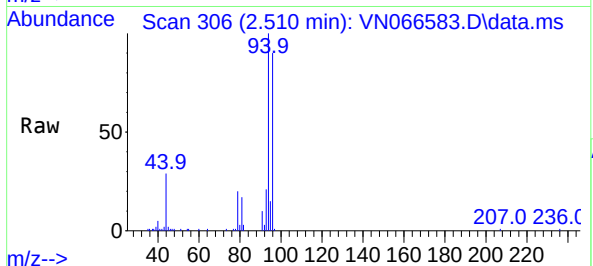
#5
Bromomethane
Concen: 17.60 ug/l
RT: 2.510 min Scan# 306
Delta R.T. 0.008 min
Lab File: VN066583.D
Acq: 13 Apr 2021 17:30

Tgt Ion: 94 Resp: 52229
Ion Ratio Lower Upper
94 100
96 89.9 77.8 116.8

Instrument :
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ClientSampleId :
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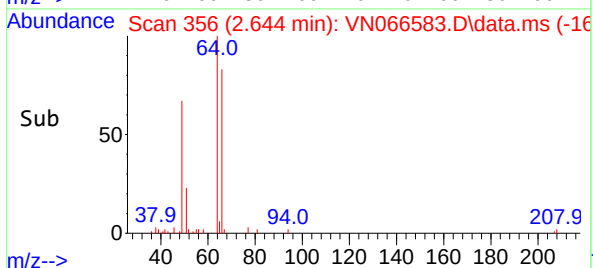
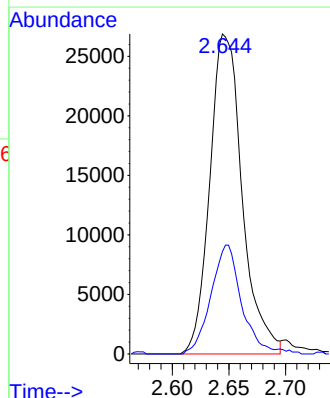
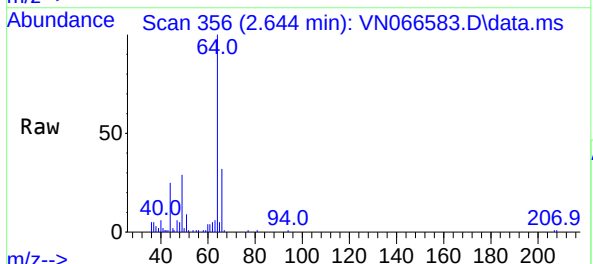
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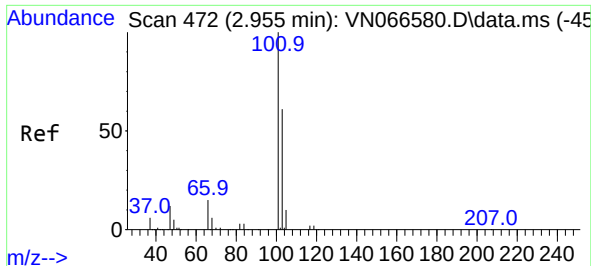
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#6
Chloroethane
Concen: 18.04 ug/l
RT: 2.644 min Scan# 356
Delta R.T. 0.002 min
Lab File: VN066583.D
Acq: 13 Apr 2021 17:30

Tgt Ion: 64 Resp: 53399
Ion Ratio Lower Upper
64 100
66 32.0 24.2 36.4





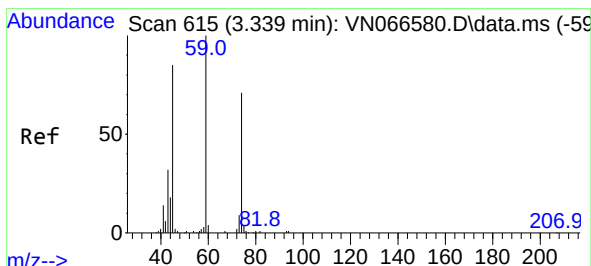
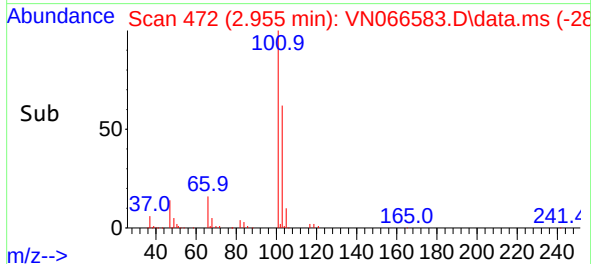
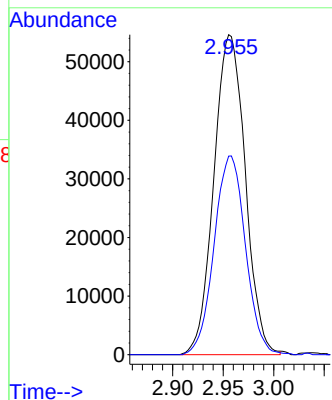
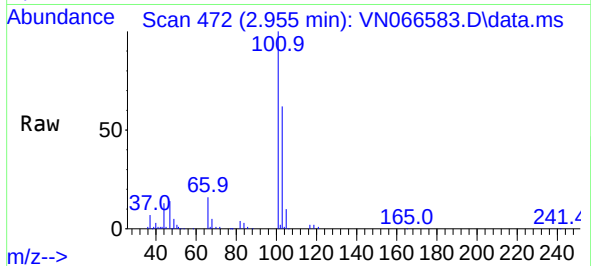
#7
Trichlorofluoromethane
Concen: 18.48 ug/l
RT: 2.955 min Scan# 472
Delta R.T. 0.000 min
Lab File: VN066583.D
Acq: 13 Apr 2021 17:30

Tgt Ion: 101 Resp: 118055
Ion Ratio Lower Upper
101 100
103 62.0 51.6 77.4

Instrument :
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ClientSampleId :
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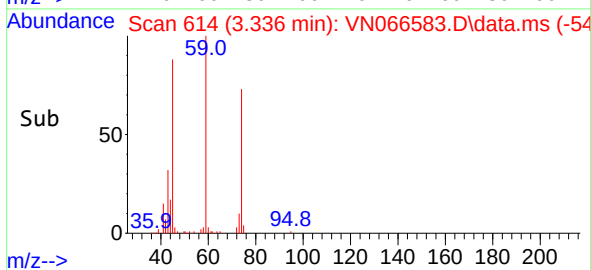
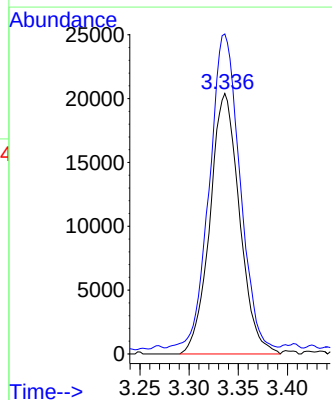
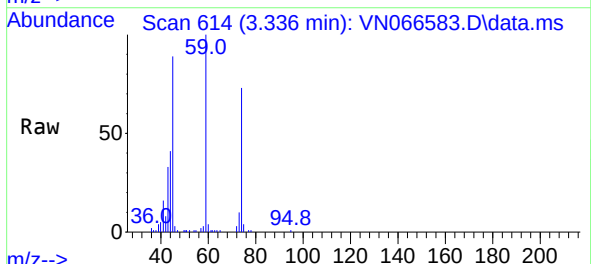
Manual Integrations
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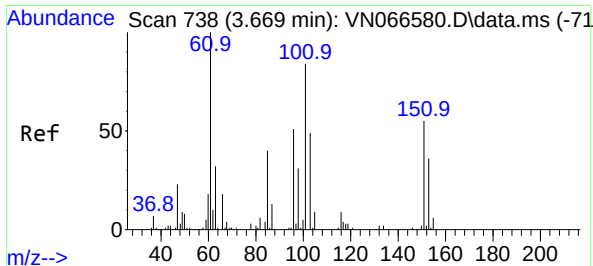
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#8
Diethyl Ether
Concen: 18.11 ug/l
RT: 3.336 min Scan# 614
Delta R.T. -0.003 min
Lab File: VN066583.D
Acq: 13 Apr 2021 17:30

Tgt Ion: 74 Resp: 42673
Ion Ratio Lower Upper
74 100
45 125.9 19.6 176.4





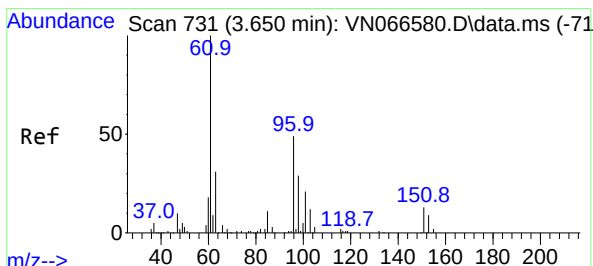
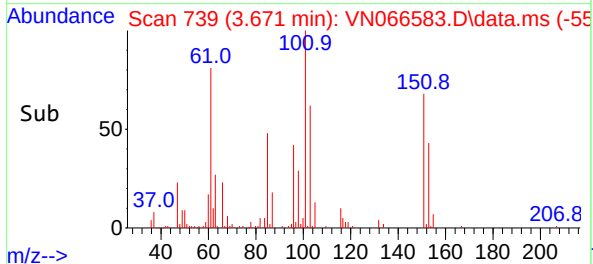
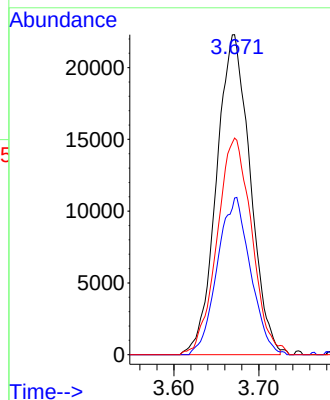
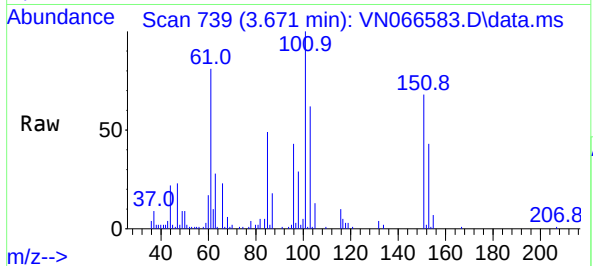
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.58 ug/l
RT: 3.671 min Scan# 739
Delta R.T. -0.006 min
Lab File: VN066583.D
Acq: 13 Apr 2021 17:30

Tgt Ion: 101 Resp: 61284
Ion Ratio Lower Upper
101 100
85 48.3 0.0 90.6
151 69.5 0.0 159.0

Instrument :
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ClientSampled :
VN0413WBS01

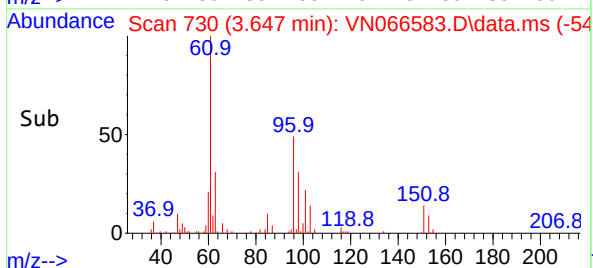
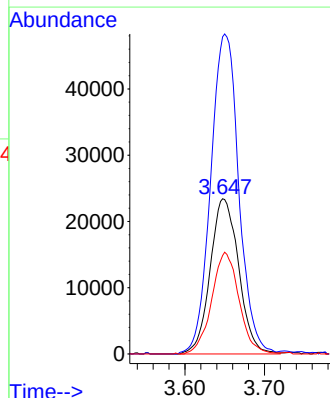
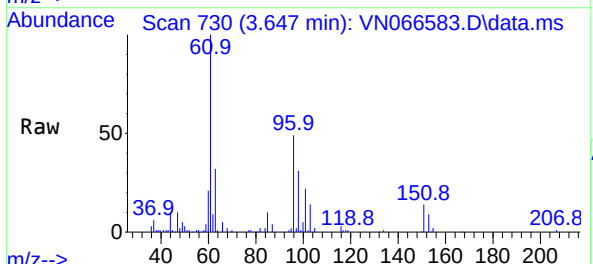
Manual Integrations
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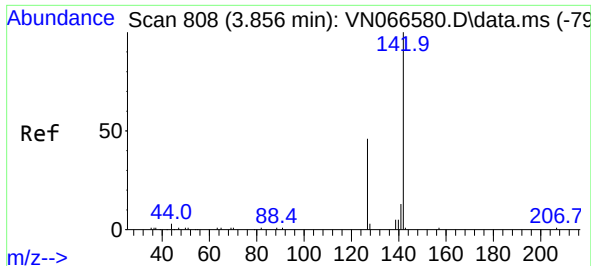
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#10
1,1-Dichloroethene
Concen: 18.15 ug/l
RT: 3.647 min Scan# 730
Delta R.T. -0.011 min
Lab File: VN066583.D
Acq: 13 Apr 2021 17:30

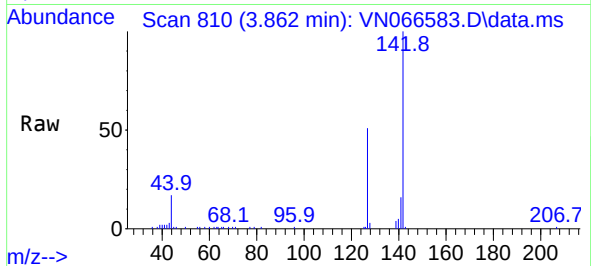
Tgt Ion: 96 Resp: 58356
Ion Ratio Lower Upper
96 100
61 203.2 139.6 209.4
98 63.4 53.7 80.5





#11
Methyl Iodide
Concen: 19.06 ug/l
RT: 3.862 min Scan# 810
Delta R.T. -0.008 min
Lab File: VN066583.D
Acq: 13 Apr 2021 17:30

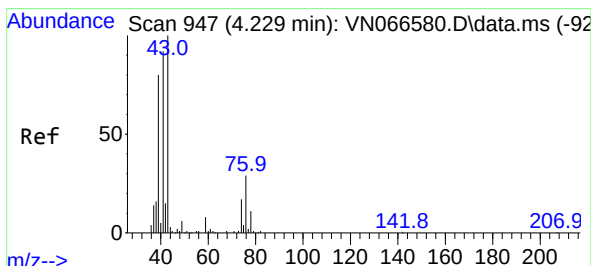
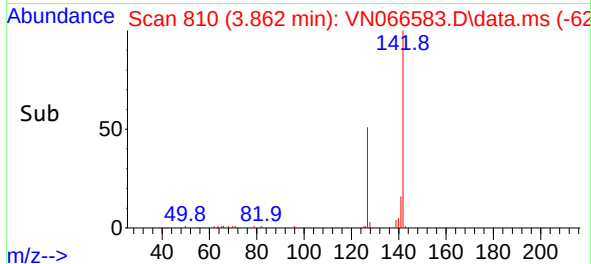
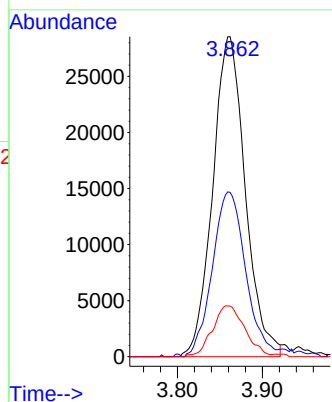
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS01



Tgt Ion:142 Resp: 76031
Ion Ratio Lower Upper
142 100
127 50.9 20.5 61.6
141 15.7 7.4 22.3

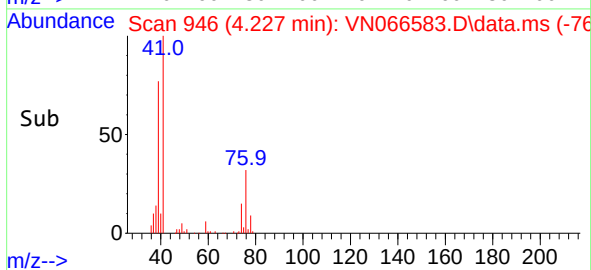
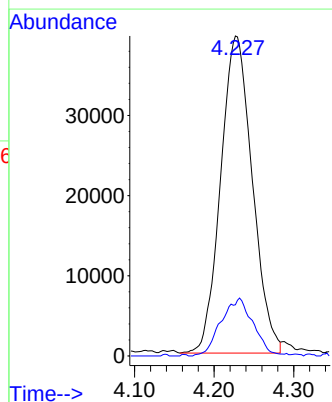
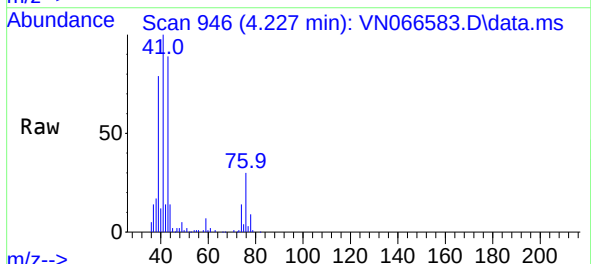
Manual Integrations
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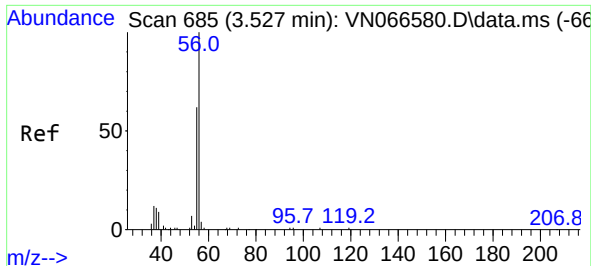
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#12
Methyl Acetate
Concen: 16.40 ug/l
RT: 4.227 min Scan# 946
Delta R.T. -0.002 min
Lab File: VN066583.D
Acq: 13 Apr 2021 17:30

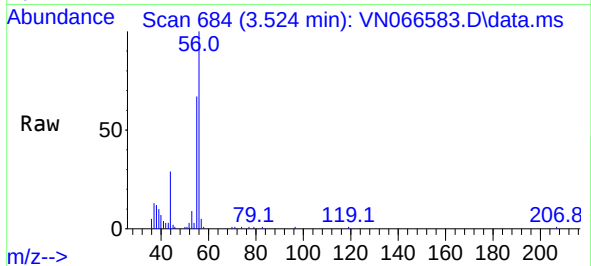
Tgt Ion: 43 Resp: 109490
Ion Ratio Lower Upper
43 100
74 16.1 18.0 27.0#





#13
Acrolein
Concen: 76.50 ug/l
RT: 3.524 min Scan# 684
Delta R.T. -0.003 min
Lab File: VN066583.D
Acq: 13 Apr 2021 17:30

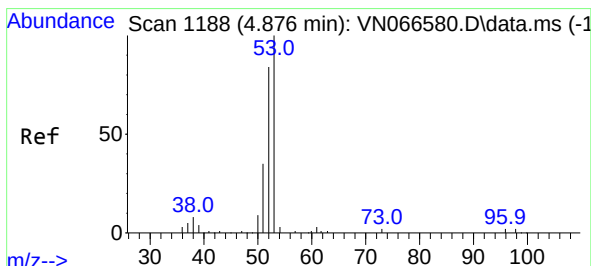
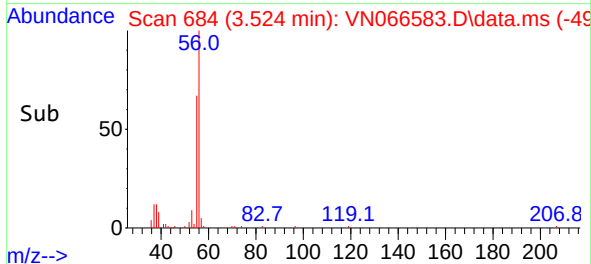
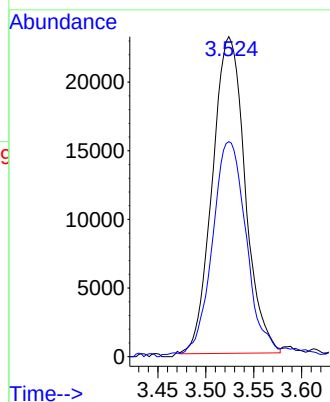
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS01



Tgt Ion: 56 Resp: 54816
Ion Ratio Lower Upper
56 100
55 68.4 54.1 81.1

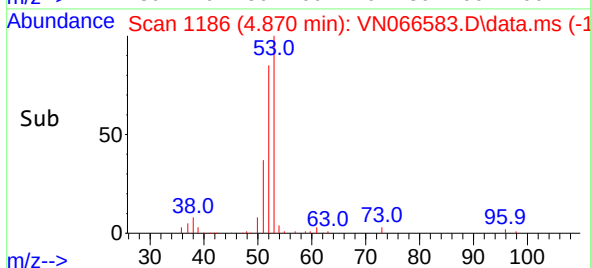
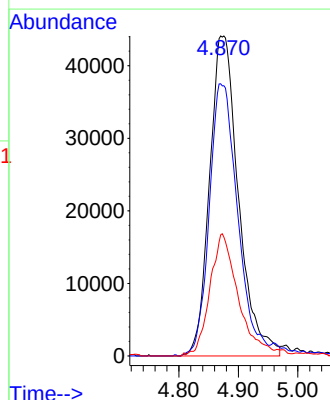
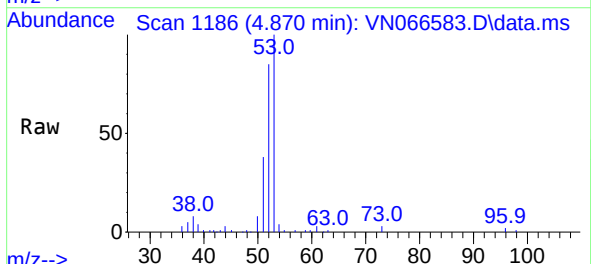
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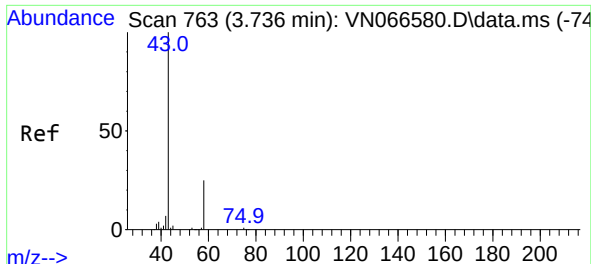
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#14
Acrylonitrile
Concen: 84.12 ug/l m
RT: 4.870 min Scan# 1186
Delta R.T. -0.008 min
Lab File: VN066583.D
Acq: 13 Apr 2021 17:30

Tgt Ion: 53 Resp: 148901
Ion Ratio Lower Upper
53 100
52 81.2 41.0 123.0
51 35.0 17.8 53.4





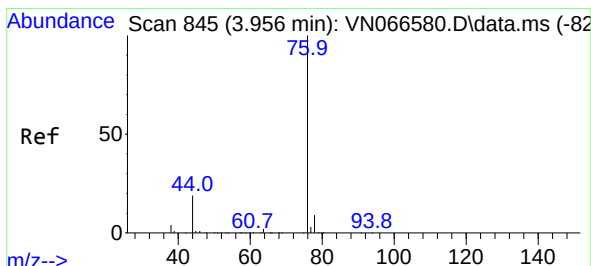
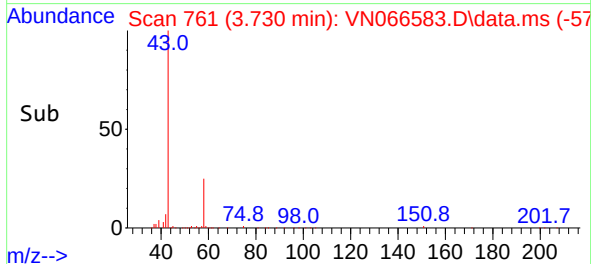
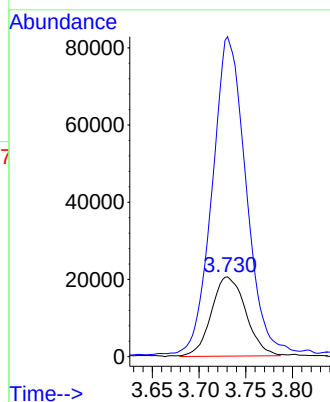
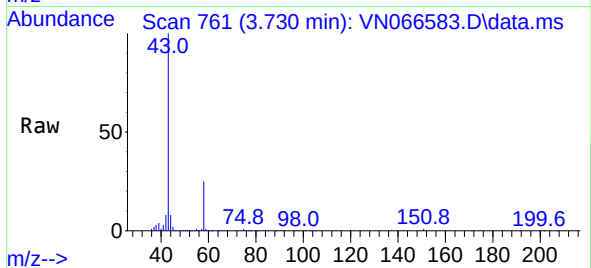
#15
Acetone
Concen: 80.66 ug/l
RT: 3.730 min Scan# 761
Delta R.T. -0.003 min
Lab File: VN066583.D
Acq: 13 Apr 2021 17:30

Tgt Ion: 58 Resp: 52595
Ion Ratio Lower Upper
58 100
43 398.8 267.3 400.9

Instrument :
MSVOA_N
ClientSampleId :
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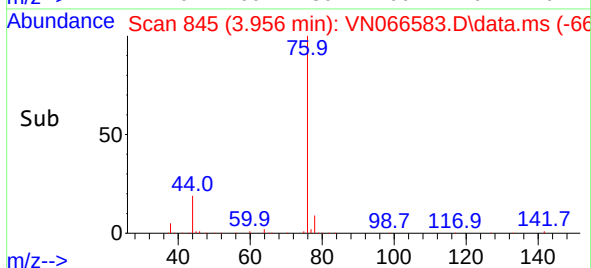
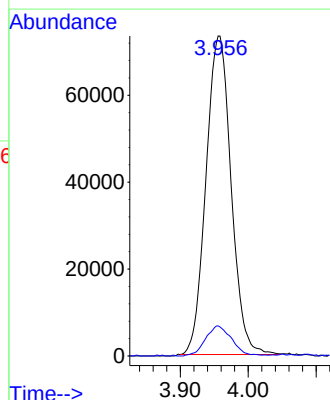
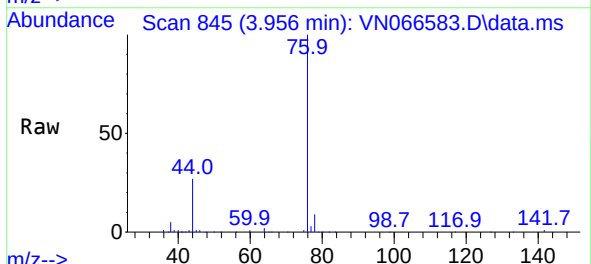
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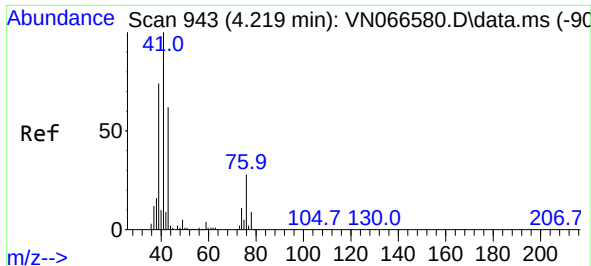
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#16
Carbon Disulfide
Concen: 17.05 ug/l
RT: 3.956 min Scan# 845
Delta R.T. -0.011 min
Lab File: VN066583.D
Acq: 13 Apr 2021 17:30

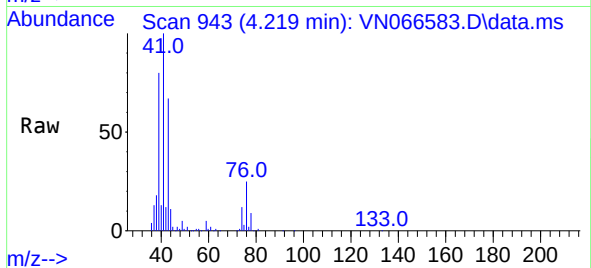
Tgt Ion: 76 Resp: 188585
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.6





#17
Allyl chloride
Concen: 16.62 ug/l
RT: 4.219 min Scan# 943
Delta R.T. -0.010 min
Lab File: VN066583.D
Acq: 13 Apr 2021 17:30

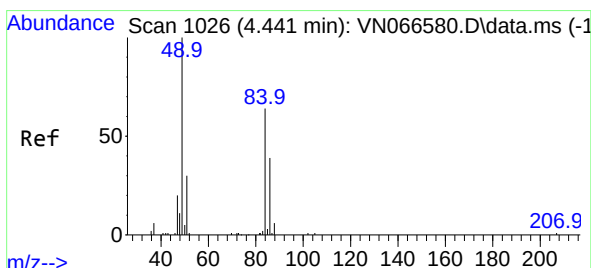
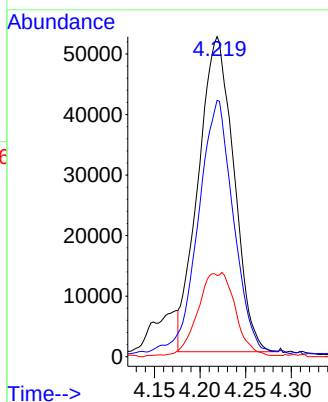
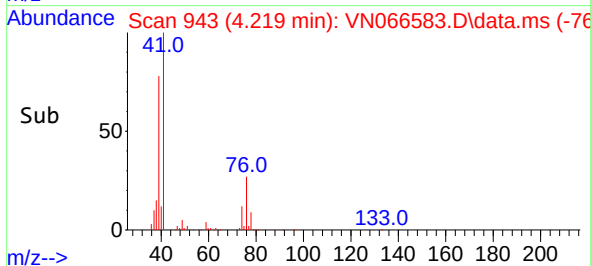
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS01



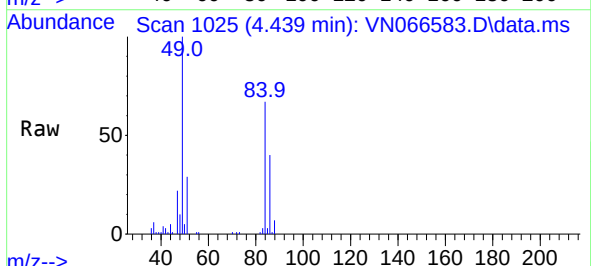
Tgt Ion:	41	Resp:	141237
Ion	Ratio	Lower	Upper
41	100		
39	79.5	38.6	116.0
76	25.4	17.6	52.8

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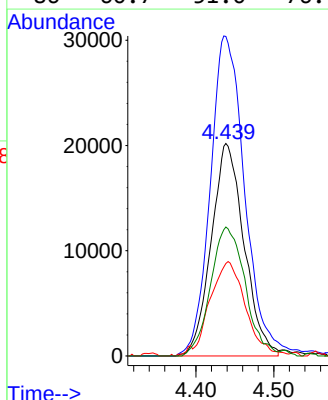
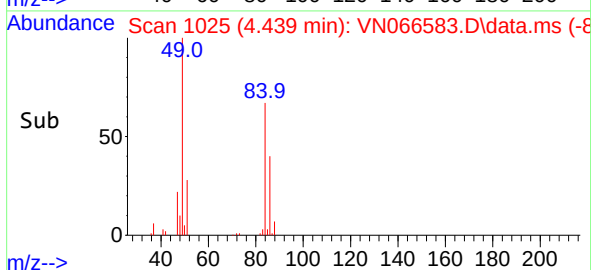
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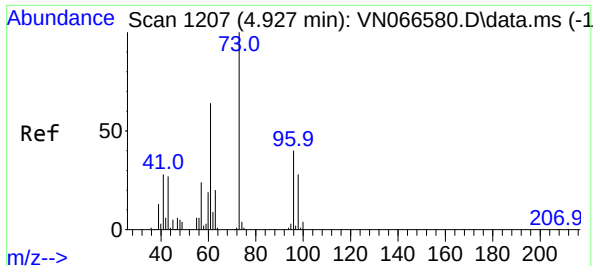


#18
Methylene Chloride
Concen: 16.23 ug/l
RT: 4.439 min Scan# 1025
Delta R.T. -0.013 min
Lab File: VN066583.D
Acq: 13 Apr 2021 17:30



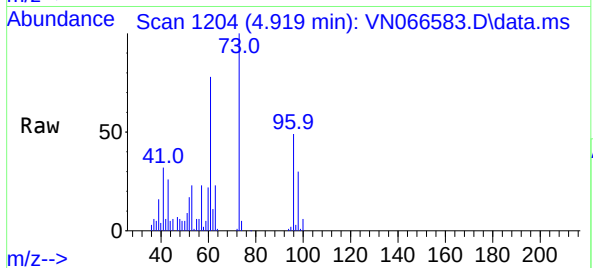
Tgt Ion:	84	Resp:	59122
Ion	Ratio	Lower	Upper
84	100		
49	149.5	98.9	148.3#
51	42.7	30.8	46.2
86	60.7	51.0	76.4



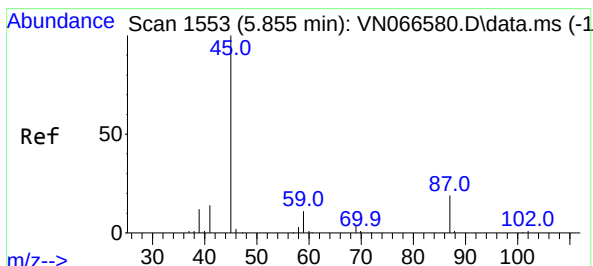
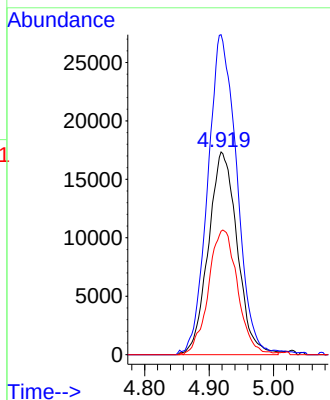
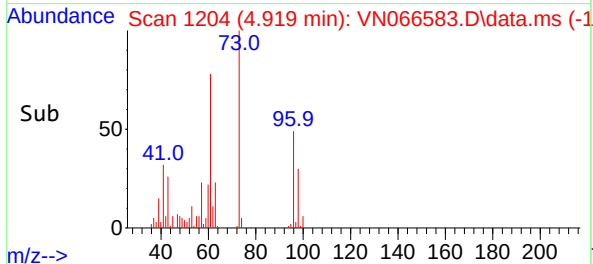


#19

trans-1,2-Dichloroethene
Concen: 17.53 ug/l
RT: 4.919 min Scan# 1204
Delta R.T. -0.013 min
Lab File: VN066583.D
Acq: 13 Apr 2021 17:30

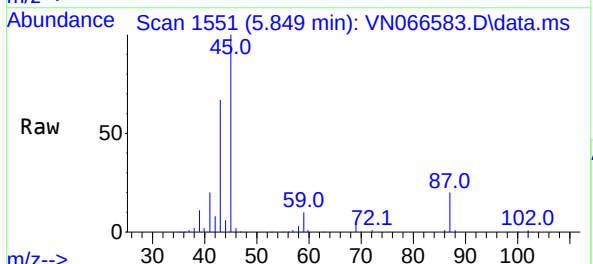


Tgt Ion:	96	Resp:	53906
Ion	Ratio	Lower	Upper
96	100		
61	156.9	113.3	169.9
98	60.9	51.4	77.2

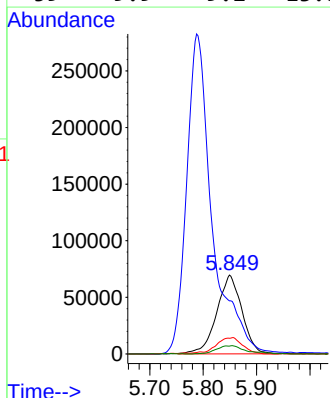
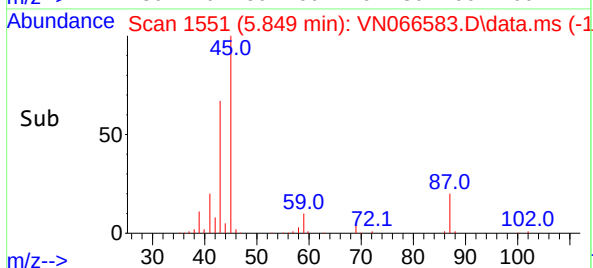


#20

Diisopropyl ether
Concen: 18.40 ug/l
RT: 5.849 min Scan# 1551
Delta R.T. 0.000 min
Lab File: VN066583.D
Acq: 13 Apr 2021 17:30



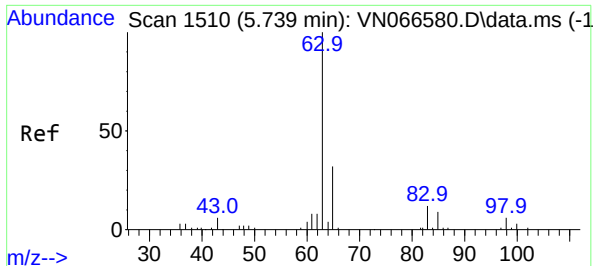
Tgt Ion:	45	Resp:	227928
Ion	Ratio	Lower	Upper
45	100		
43	65.4	51.4	77.2
87	20.0	21.4	32.0#
59	9.9	9.2	13.8



Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS01

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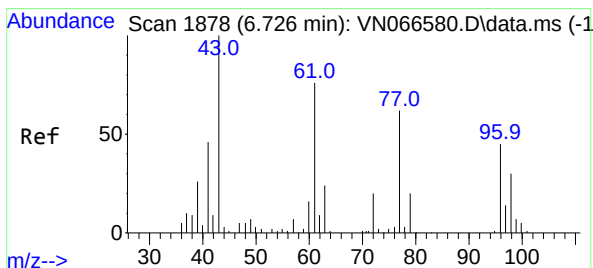
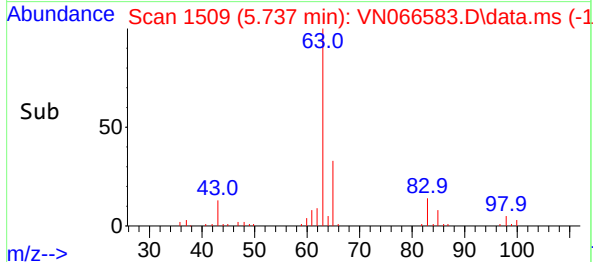
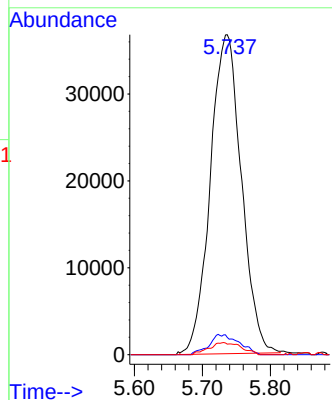
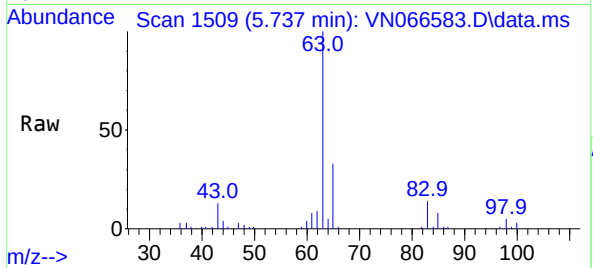
#21
1,1-Dichloroethane
Concen: 17.71 ug/l
RT: 5.737 min Scan# 1509
Delta R.T. -0.008 min
Lab File: VN066583.D
Acq: 13 Apr 2021 17:30

Tgt Ion:	63	Resp:	116638
Ion	Ratio	Lower	Upper
63	100		
98	5.4	3.3	9.9
100	3.3	1.9	5.7

Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS01

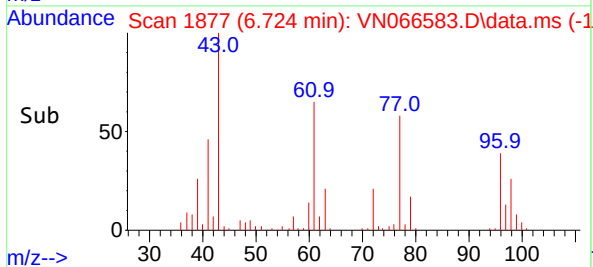
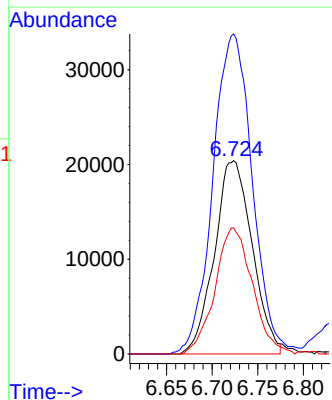
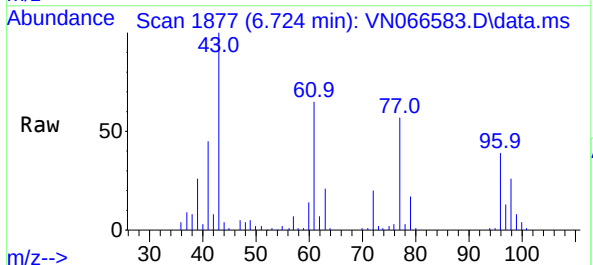
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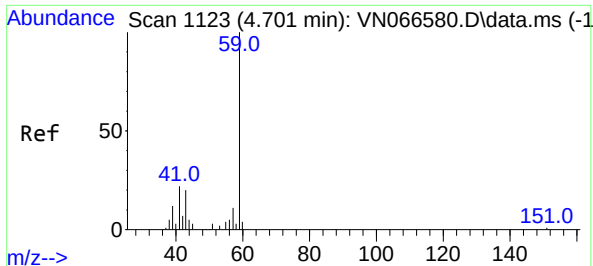
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#22
cis-1,2-Dichloroethene
Concen: 17.65 ug/l
RT: 6.724 min Scan# 1877
Delta R.T. -0.005 min
Lab File: VN066583.D
Acq: 13 Apr 2021 17:30

Tgt Ion:	96	Resp:	58803
Ion	Ratio	Lower	Upper
96	100		
61	172.0	119.4	179.0
98	64.6	51.5	77.3





#23

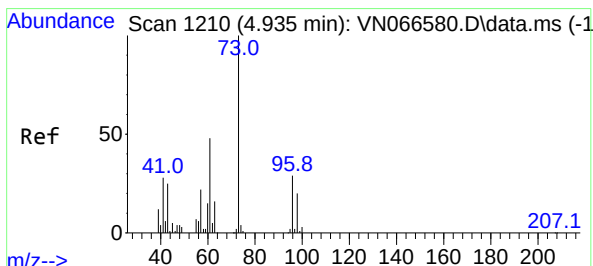
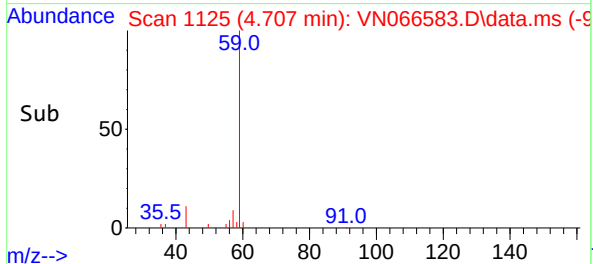
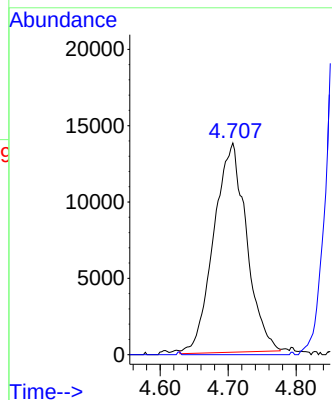
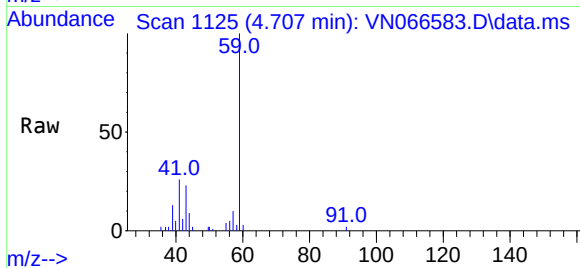
tert-Butyl Alcohol
Concen: 78.04 ug/l
RT: 4.707 min Scan# 1125
Delta R.T. 0.024 min
Lab File: VN066583.D
Acq: 13 Apr 2021 17:30

Tgt Ion: 59 Resp: 45997
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1#

Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS01

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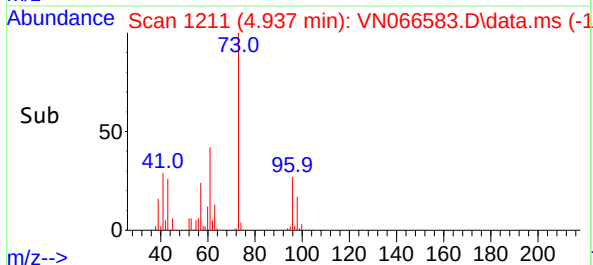
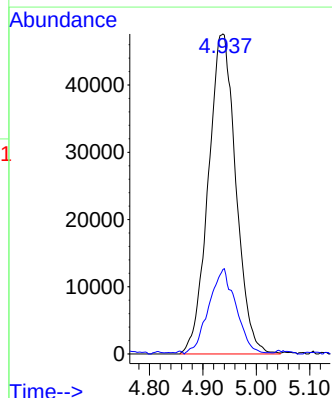
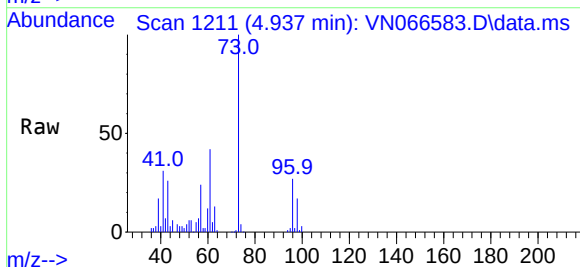
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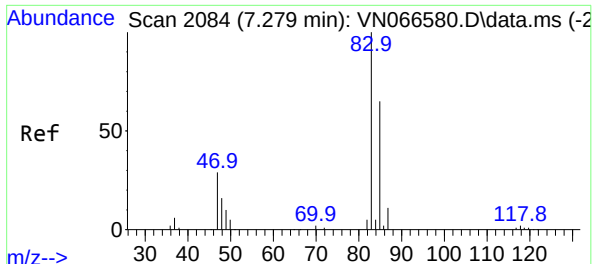


#24

Methyl tert-Butyl Ether
Concen: 17.71 ug/l
RT: 4.937 min Scan# 1211
Delta R.T. 0.002 min
Lab File: VN066583.D
Acq: 13 Apr 2021 17:30

Tgt Ion: 73 Resp: 171075
Ion Ratio Lower Upper
73 100
43 19.1 18.5 27.7





#25

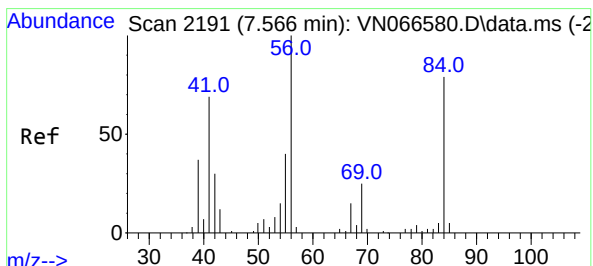
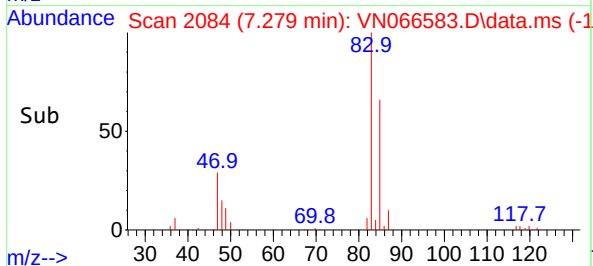
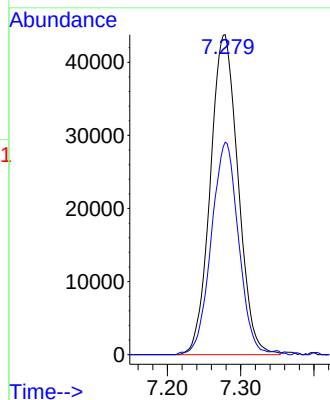
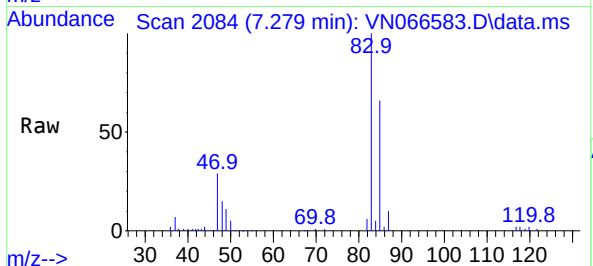
Chloroform
Concen: 17.81 ug/l
RT: 7.279 min Scan# 2084
Delta R.T. -0.005 min
Lab File: VN066583.D
Acq: 13 Apr 2021 17:30

Tgt Ion: 83 Resp: 115128
Ion Ratio Lower Upper
83 100
85 65.7 49.4 74.2

Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS01

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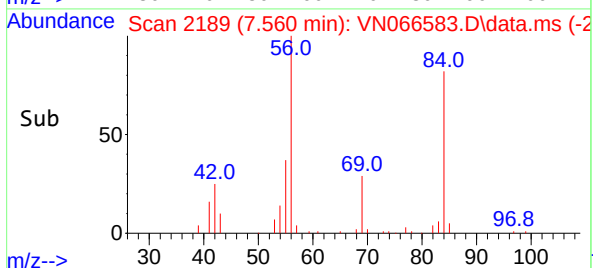
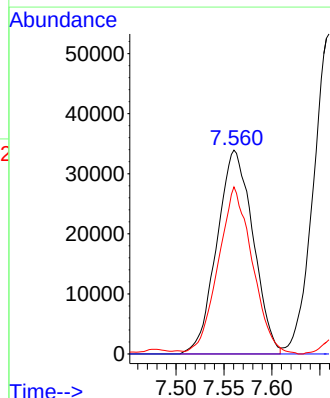
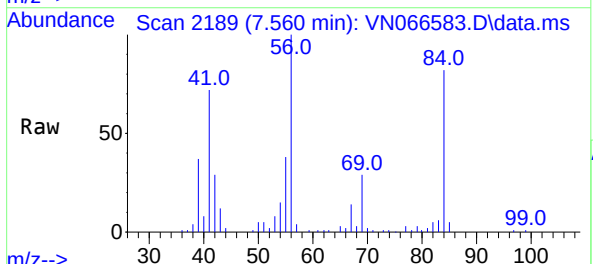
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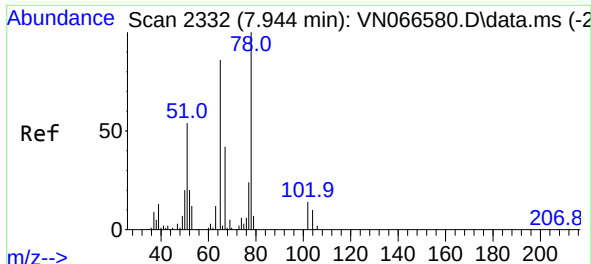


#26

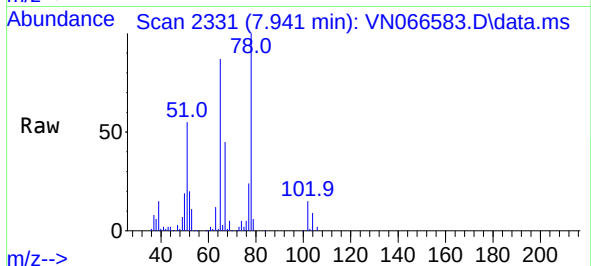
Cyclohexane
Concen: 15.84 ug/l
RT: 7.560 min Scan# 2189
Delta R.T. -0.011 min
Lab File: VN066583.D
Acq: 13 Apr 2021 17:30

Tgt Ion: 56 Resp: 89059
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 77.6 65.4 98.2

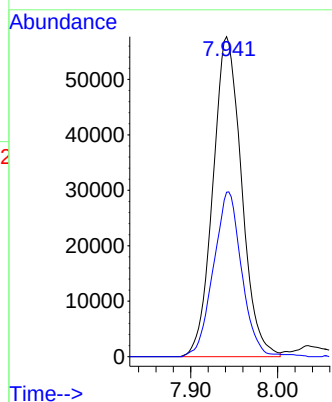




#27
1,2-Dichloroethane-d4
Concen: 29.92 ug/l
RT: 7.941 min Scan# 2331
Delta R.T. -0.006 min
Lab File: VN066583.D
Acq: 13 Apr 2021 17:30



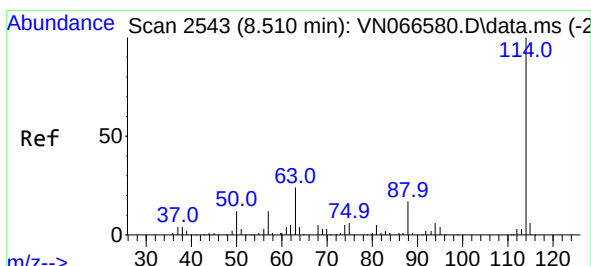
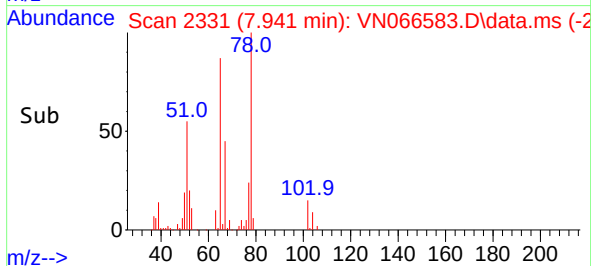
Tgt Ion: 65 Resp: 132178
Ion Ratio Lower Upper
65 100
67 50.5 42.2 63.4



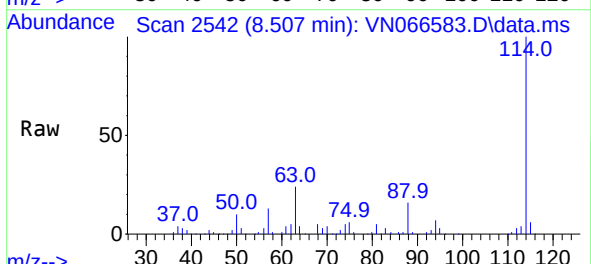
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS01

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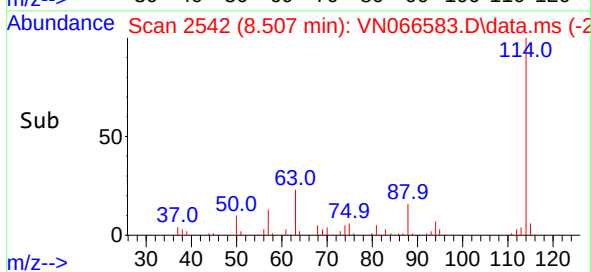
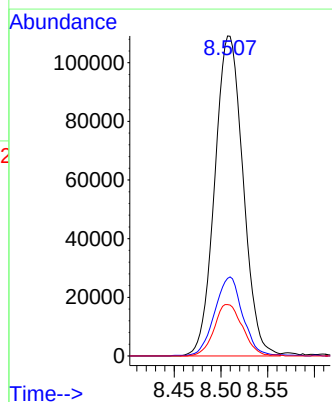
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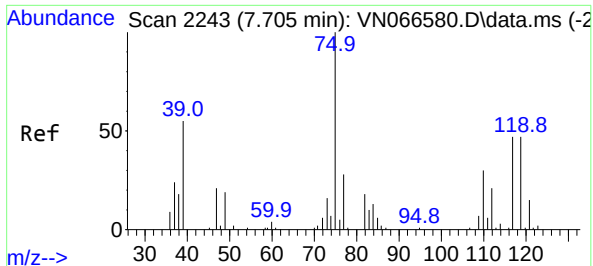


#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 8.507 min Scan# 2542
Delta R.T. -0.006 min
Lab File: VN066583.D
Acq: 13 Apr 2021 17:30



Tgt Ion: 114 Resp: 230161
Ion Ratio Lower Upper
114 100
63 24.6 17.4 26.0
88 16.1 12.6 19.0





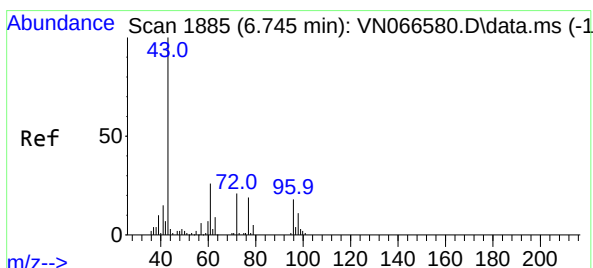
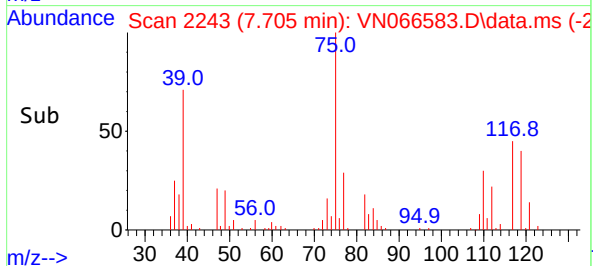
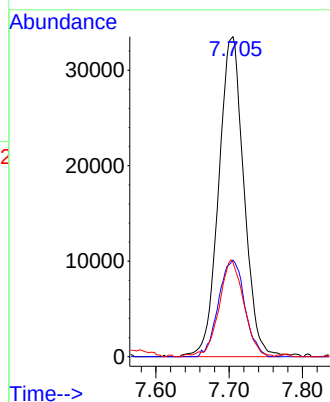
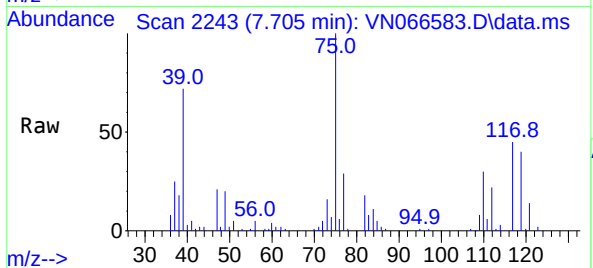
#29
1,1-Dichloropropene
Concen: 17.42 ug/l
RT: 7.705 min Scan# 2243
Delta R.T. -0.006 min
Lab File: VN066583.D
Acq: 13 Apr 2021 17:30

Tgt Ion: 75 Resp: 79802
Ion Ratio Lower Upper
75 100
110 31.0 0.0 69.4
77 29.2 0.0 60.6

Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS01

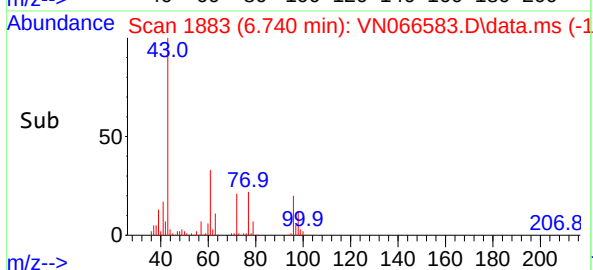
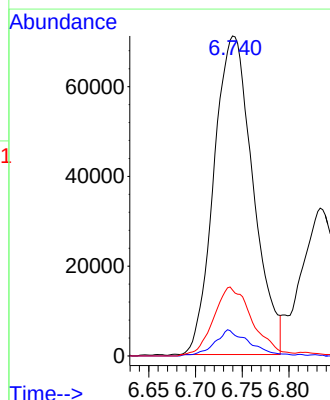
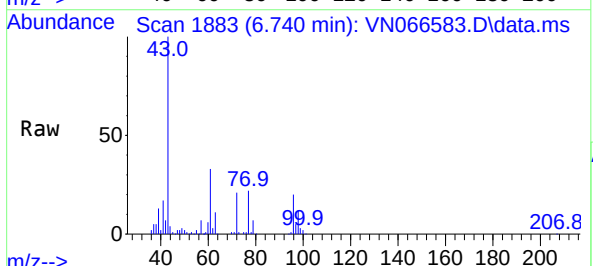
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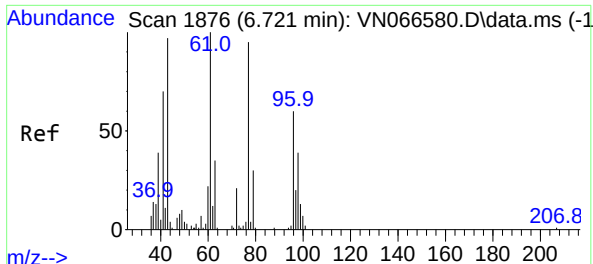
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#30
2-Butanone
Concen: 79.74 ug/l
RT: 6.740 min Scan# 1883
Delta R.T. 0.006 min
Lab File: VN066583.D
Acq: 13 Apr 2021 17:30

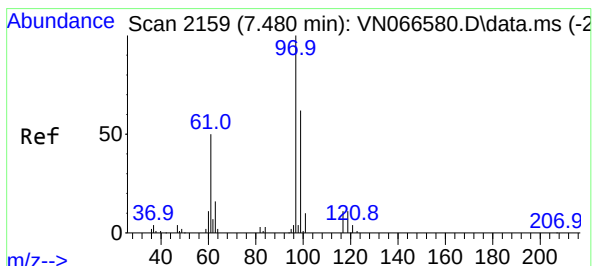
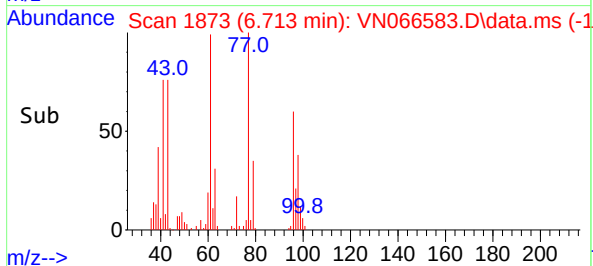
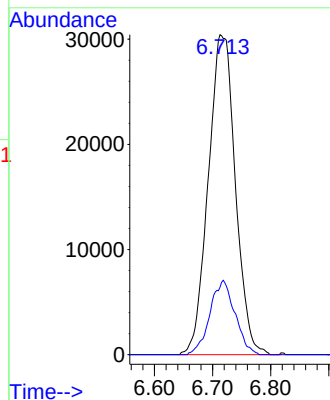
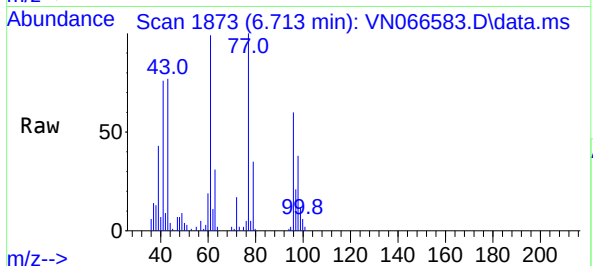
Tgt Ion: 43 Resp: 206503
Ion Ratio Lower Upper
43 100
57 7.2 6.9 10.3
72 21.6 20.9 31.3





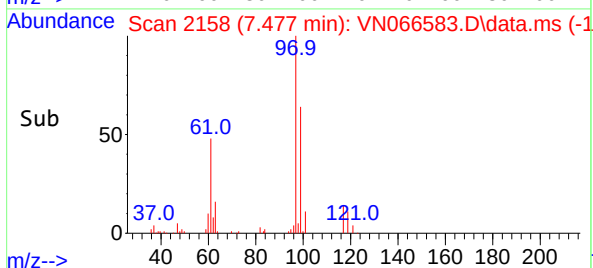
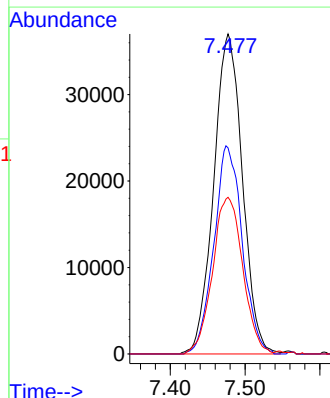
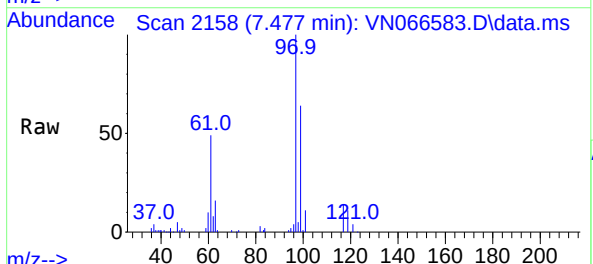
#31
2,2-Dichloropropane
Concen: 17.63 ug/l m
RT: 6.713 min Scan# 1873
Delta R.T. -0.013 min
Lab File: VN066583.D
Acq: 13 Apr 2021 17:30

Tgt Ion: 77 Resp: 98572
Ion Ratio Lower Upper
77 100
97 21.5 18.1 27.1



#32
1,1,1-Trichloroethane
Concen: 17.56 ug/l
RT: 7.477 min Scan# 2158
Delta R.T. -0.006 min
Lab File: VN066583.D
Acq: 13 Apr 2021 17:30

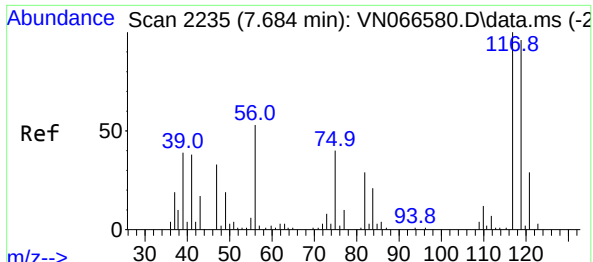
Tgt Ion: 97 Resp: 98766
Ion Ratio Lower Upper
97 100
99 64.4 50.7 76.1
61 51.5 37.6 56.4



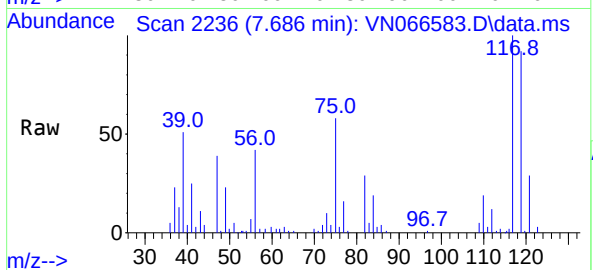
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS01

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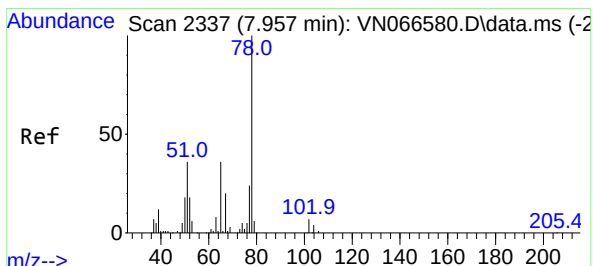
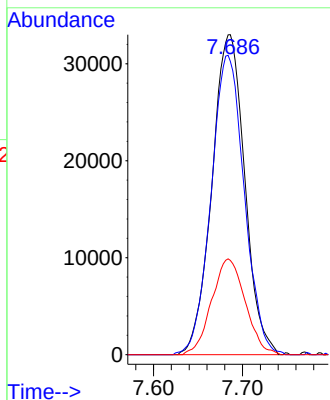
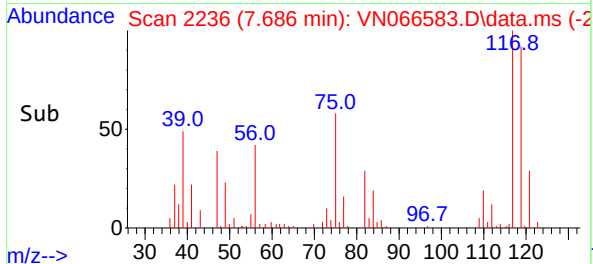
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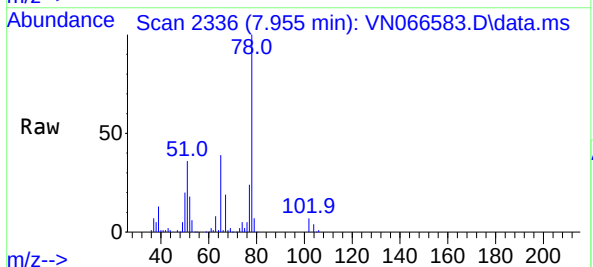
#33
Carbon Tetrachloride
Concen: 17.79 ug/l
RT: 7.686 min Scan# 2236
Delta R.T. -0.006 min
Lab File: VN066583.D
Acq: 13 Apr 2021 17:30



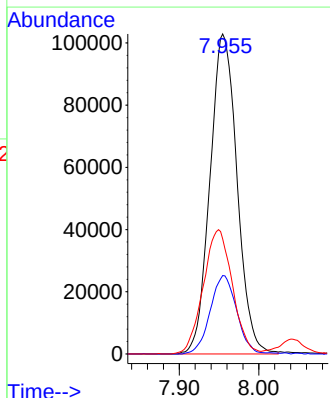
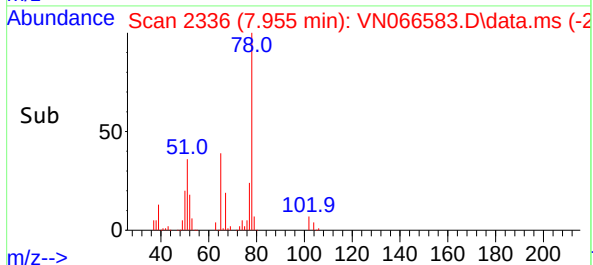
Tgt Ion: 117 Resp: 84409
Ion Ratio Lower Upper
117 100
119 92.0 72.6 108.8
121 29.5 23.5 35.3



#34
Benzene
Concen: 17.71 ug/l
RT: 7.955 min Scan# 2336
Delta R.T. -0.008 min
Lab File: VN066583.D
Acq: 13 Apr 2021 17:30



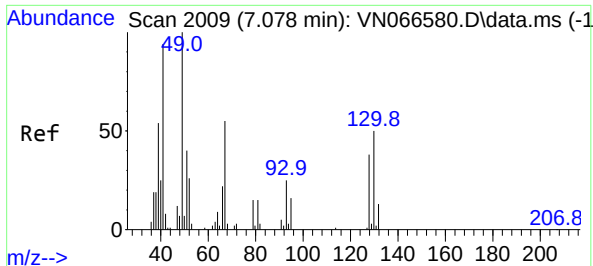
Tgt Ion: 78 Resp: 243748
Ion Ratio Lower Upper
78 100
77 24.5 18.6 27.8
51 35.5 21.9 32.9#



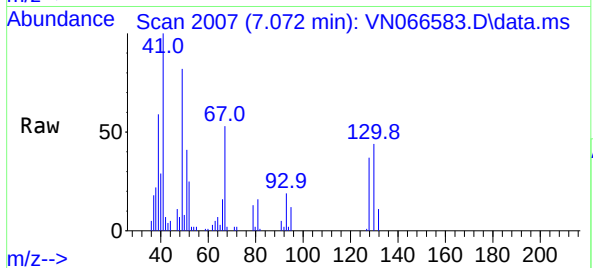
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS01

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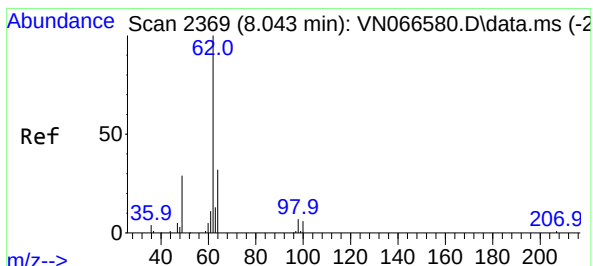
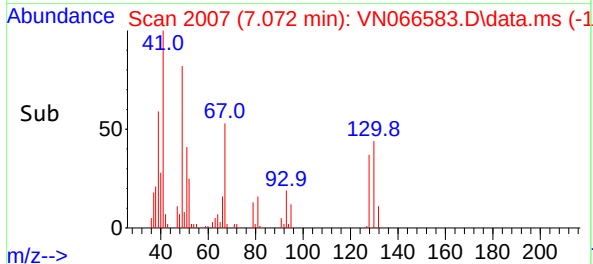
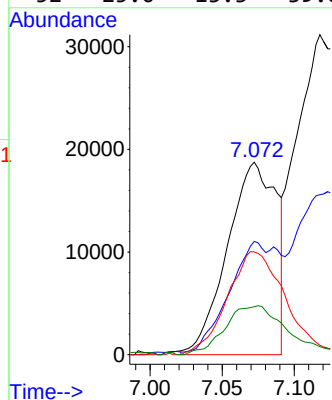
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#35
Methacrylonitrile
Concen: 17.63 ug/l m
RT: 7.072 min Scan# 2007
Delta R.T. -0.019 min
Lab File: VN066583.D
Acq: 13 Apr 2021 17:30

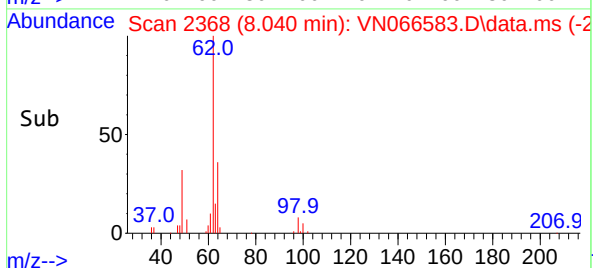
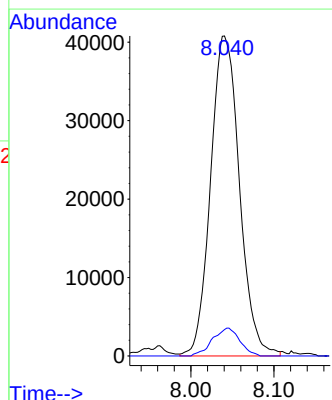
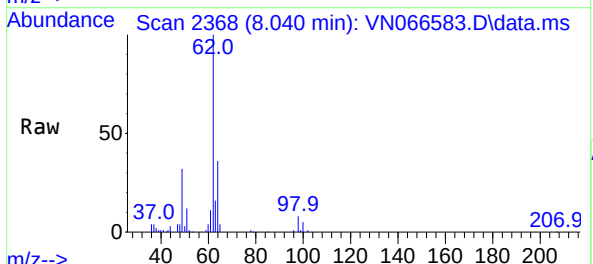


Tgt Ion:	41	Resp:	44276
Ion	Ratio	Lower	Upper
41	100		
39	58.8	27.3	81.8
67	53.3	31.4	94.3
52	25.0	13.3	39.8



#36
1,2-Dichloroethane
Concen: 17.60 ug/l
RT: 8.040 min Scan# 2368
Delta R.T. -0.006 min
Lab File: VN066583.D
Acq: 13 Apr 2021 17:30

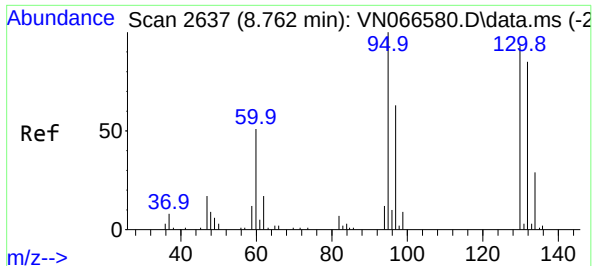
Tgt Ion:	62	Resp:	98580
Ion	Ratio	Lower	Upper
62	100		
98	8.2	6.9	10.3



Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS01

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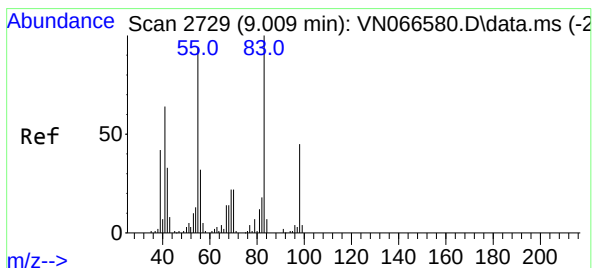
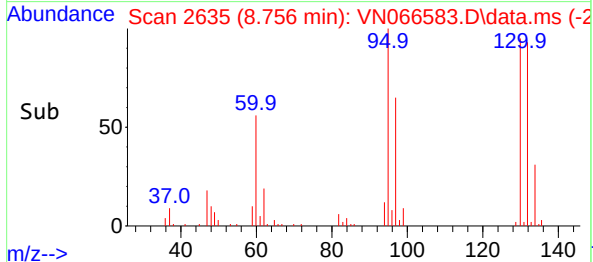
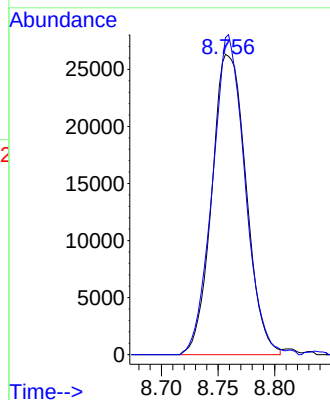
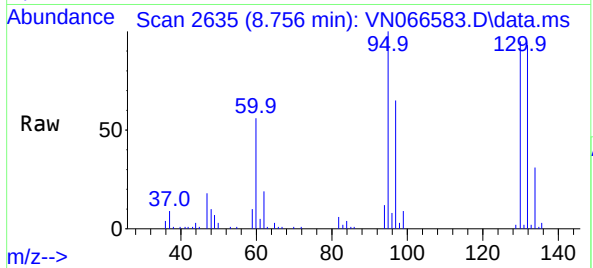
#37
Trichloroethene
Concen: 17.72 ug/l
RT: 8.756 min Scan# 2635
Delta R.T. -0.009 min
Lab File: VN066583.D
Acq: 13 Apr 2021 17:30

Tgt Ion:130 Resp: 55305
Ion Ratio Lower Upper
130 100
95 105.6 80.7 121.1

Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS01

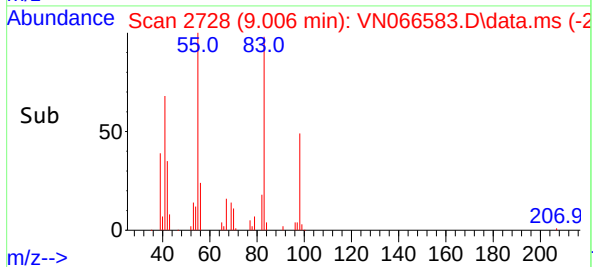
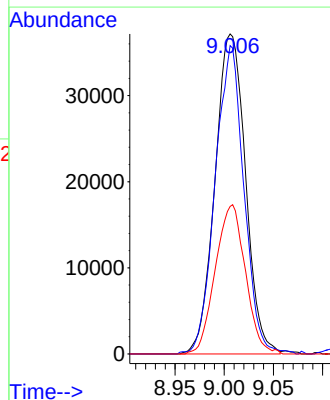
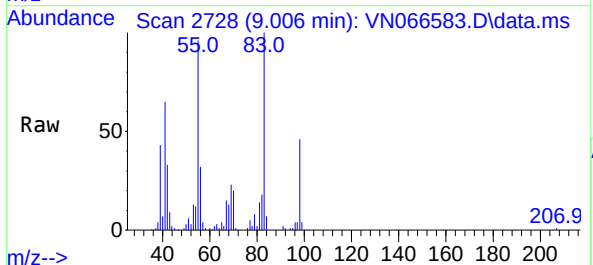
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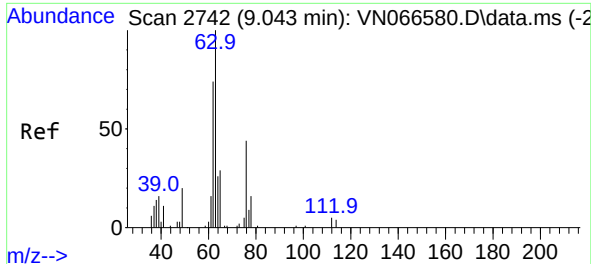
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#38
Methylcyclohexane
Concen: 17.68 ug/l
RT: 9.006 min Scan# 2728
Delta R.T. -0.005 min
Lab File: VN066583.D
Acq: 13 Apr 2021 17:30

Tgt Ion: 83 Resp: 80156
Ion Ratio Lower Upper
83 100
55 90.9 38.8 116.3
98 45.9 22.2 66.6





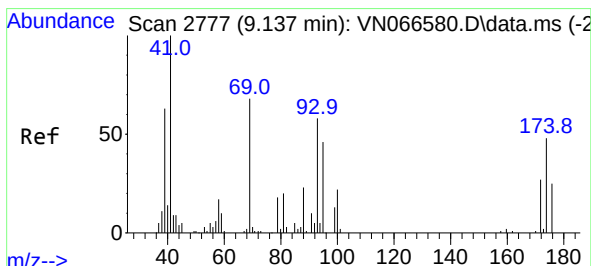
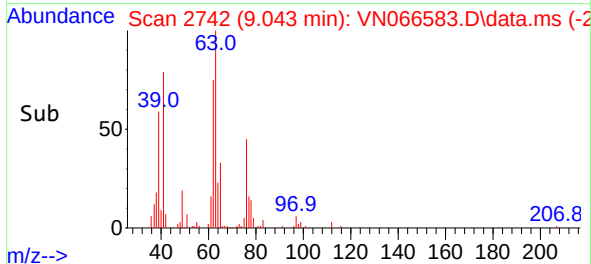
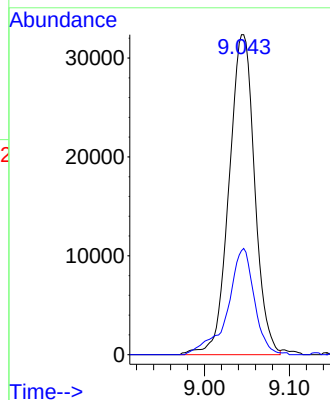
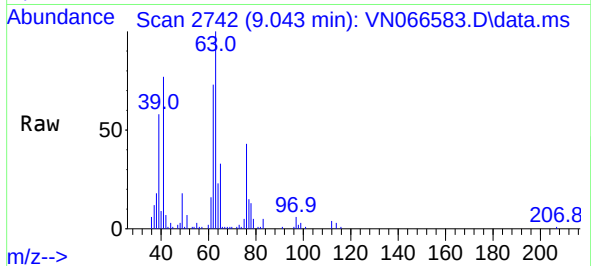
#39
1,2-Dichloropropane
Concen: 17.49 ug/l
RT: 9.043 min Scan# 2742
Delta R.T. -0.006 min
Lab File: VN066583.D
Acq: 13 Apr 2021 17:30

Tgt Ion: 63 Resp: 67851
Ion Ratio Lower Upper
63 100
65 32.5 24.9 37.3

Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS01

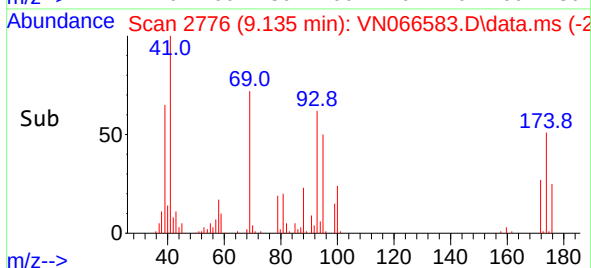
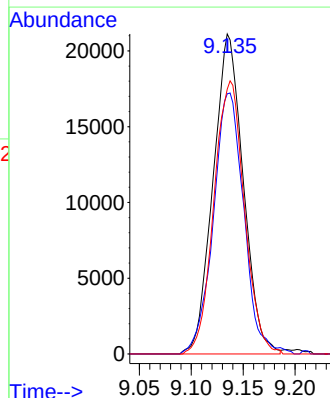
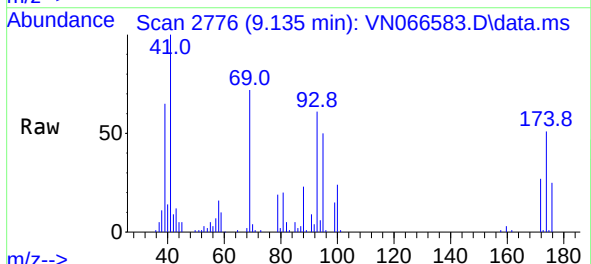
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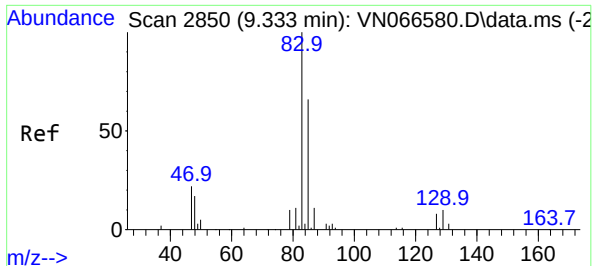
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#40
Dibromomethane
Concen: 17.38 ug/l
RT: 9.135 min Scan# 2776
Delta R.T. -0.005 min
Lab File: VN066583.D
Acq: 13 Apr 2021 17:30

Tgt Ion: 93 Resp: 42521
Ion Ratio Lower Upper
93 100
95 82.2 0.0 169.0
174 86.2 0.0 205.8





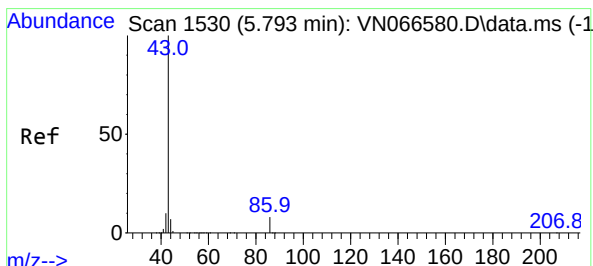
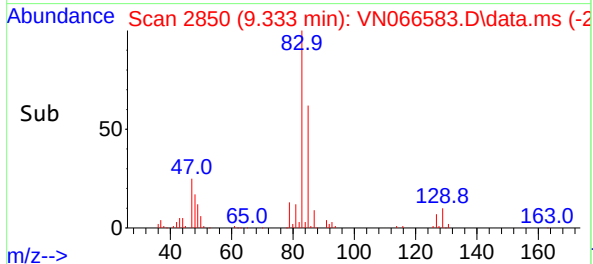
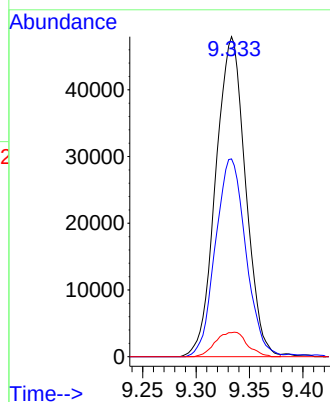
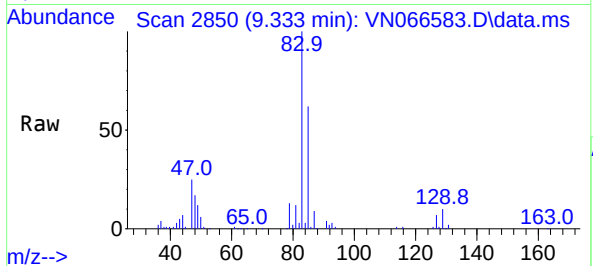
#41
Bromodichloromethane
Concen: 17.41 ug/l
RT: 9.333 min Scan# 2850
Delta R.T. -0.003 min
Lab File: VN066583.D
Acq: 13 Apr 2021 17:30

Tgt Ion:	83	Resp:	93008
Ion	Ratio	Lower	Upper
83	100		
85	61.8	50.6	75.8
127	7.5	6.9	10.3

Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS01

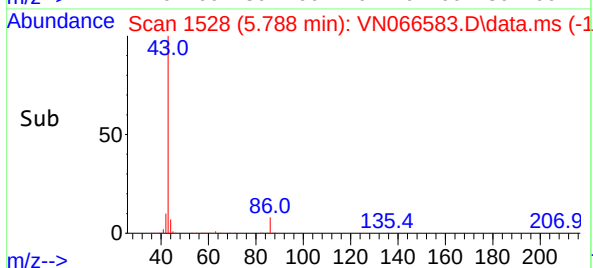
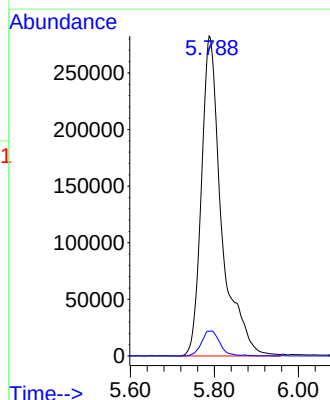
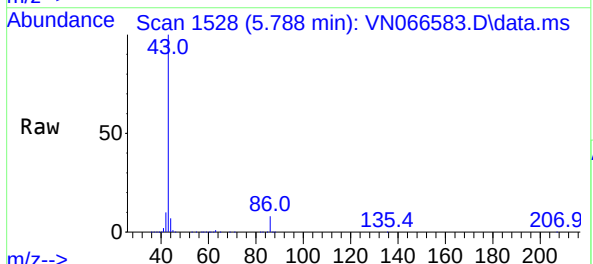
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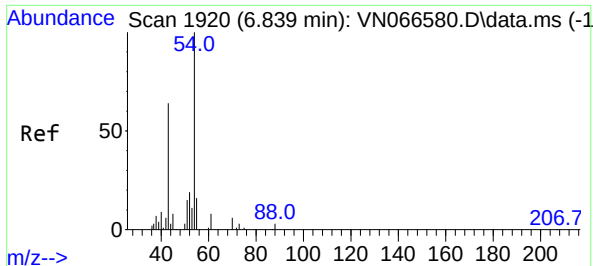
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#42
Vinyl Acetate
Concen: 90.78 ug/l
RT: 5.788 min Scan# 1528
Delta R.T. -0.002 min
Lab File: VN066583.D
Acq: 13 Apr 2021 17:30

Tgt Ion:	43	Resp:	940261
Ion	Ratio	Lower	Upper
43	100		
86	6.9	6.7	10.1





#43

Ethyl Acetate

Concen: 14.33 ug/l

RT: 6.833 min Scan# 1918

Delta R.T. 0.002 min

Lab File: VN066583.D

Acq: 13 Apr 2021 17:30

Tgt Ion: 43 Resp: 82701

Ion Ratio Lower Upper

43 100

45 6.1 6.3 9.5#

Instrument :

MSVOA_N

ClientSampleId :

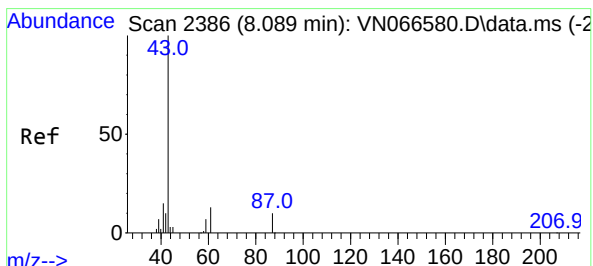
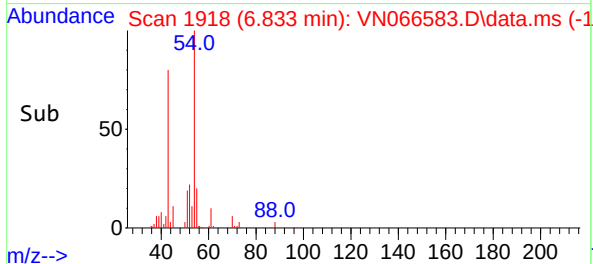
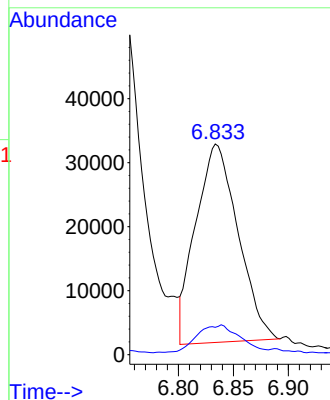
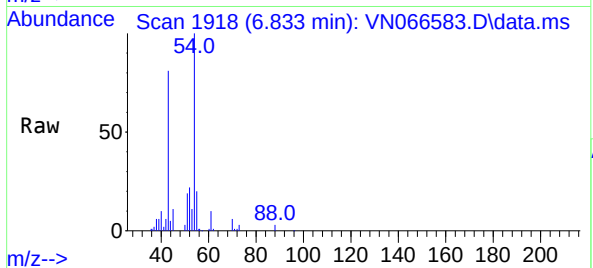
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#44

Isopropyl Acetate

Concen: 16.70 ug/l

RT: 8.089 min Scan# 2386

Delta R.T. 0.003 min

Lab File: VN066583.D

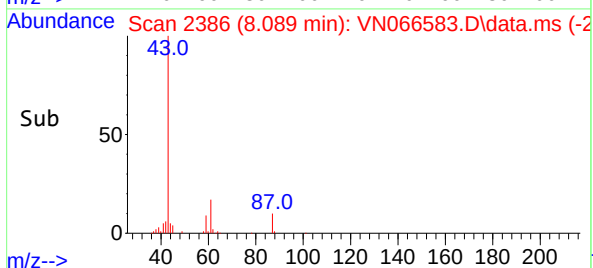
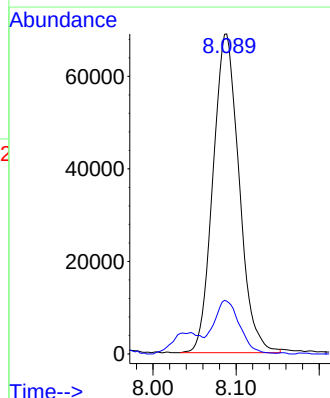
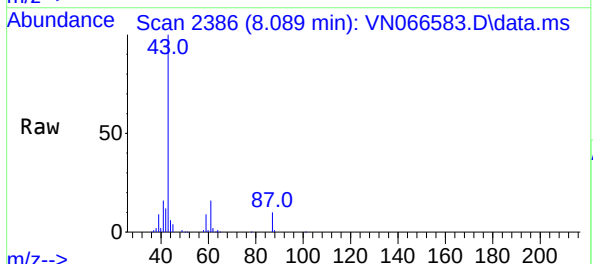
Acq: 13 Apr 2021 17:30

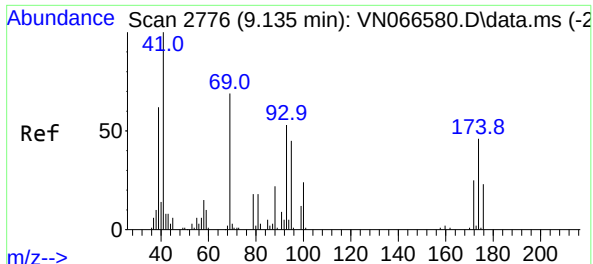
Tgt Ion: 43 Resp: 150742

Ion Ratio Lower Upper

43 100

61 16.1 20.4 30.6#





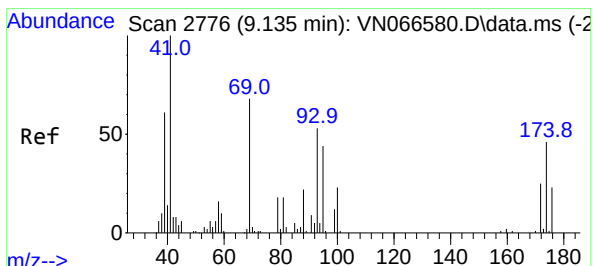
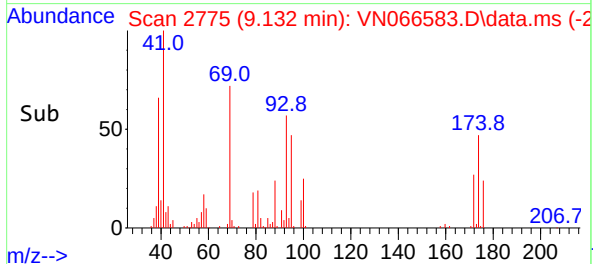
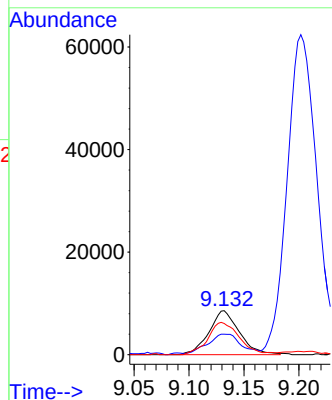
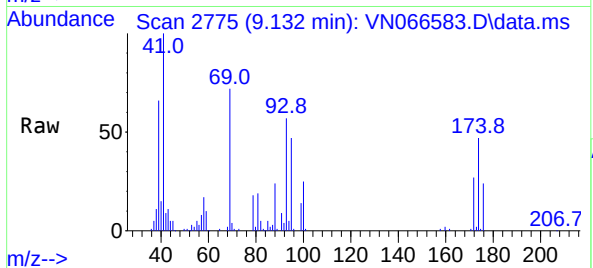
#45
1,4-Dioxane
Concen: 336.54 ug/l
RT: 9.132 min Scan# 2775
Delta R.T. 0.003 min
Lab File: VN066583.D
Acq: 13 Apr 2021 17:30

Tgt Ion:	88	Resp:	16506
Ion Ratio	Lower	Upper	
88	100		
43	45.4	27.0	40.4#
58	74.9	57.9	86.9

Instrument :
MSVOA_N
ClientSampled :
VN0413WBS01

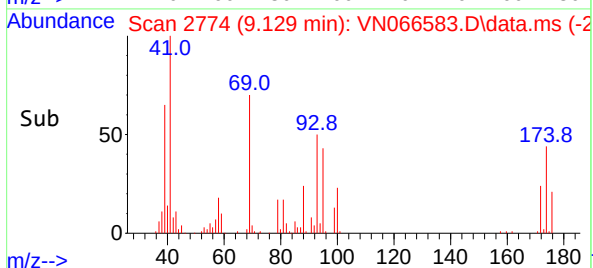
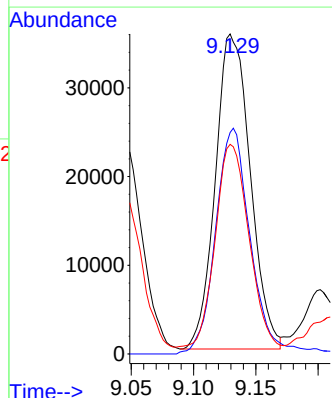
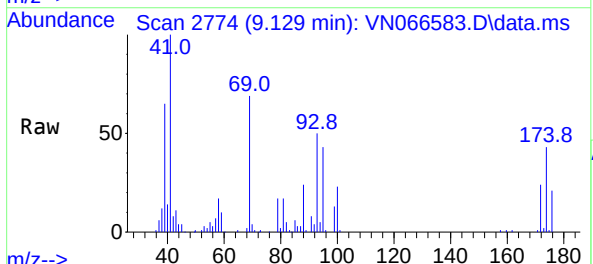
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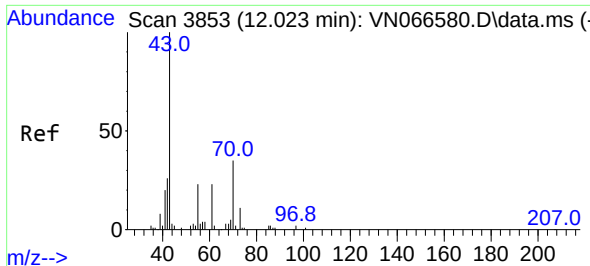
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#46
Methyl methacrylate
Concen: 16.86 ug/l
RT: 9.129 min Scan# 2774
Delta R.T. -0.006 min
Lab File: VN066583.D
Acq: 13 Apr 2021 17:30

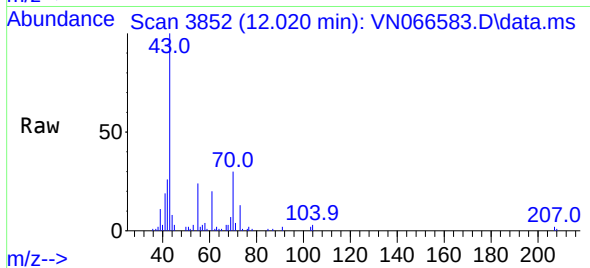
Tgt Ion:	41	Resp:	69479
Ion Ratio	Lower	Upper	
41	100		
69	69.7	40.6	121.7
39	64.1	33.2	99.6





#47
n-amy1 Acetate
Concen: 14.55 ug/l
RT: 12.020 min Scan# 3852
Delta R.T. -0.009 min
Lab File: VN066583.D
Acq: 13 Apr 2021 17:30

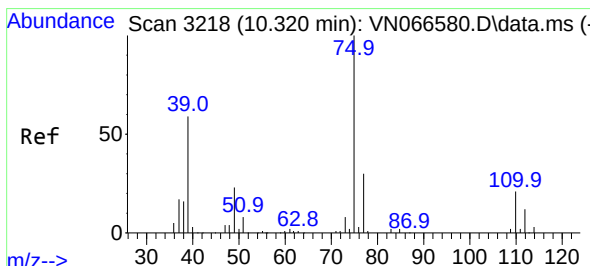
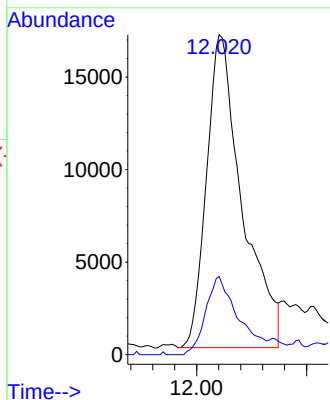
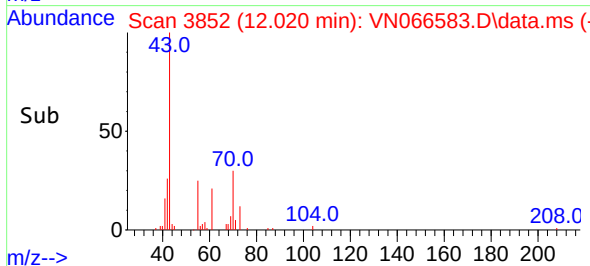
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS01



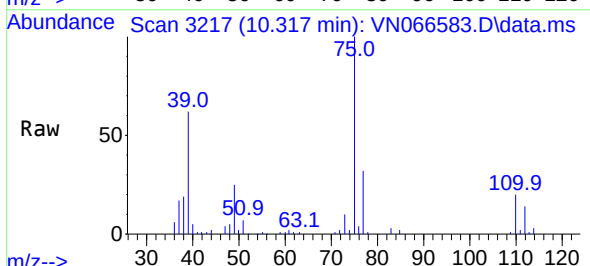
Tgt Ion: 43 Resp: 38044
Ion Ratio Lower Upper
43 100
55 22.8 17.7 26.5

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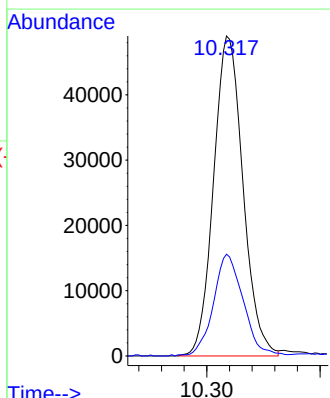
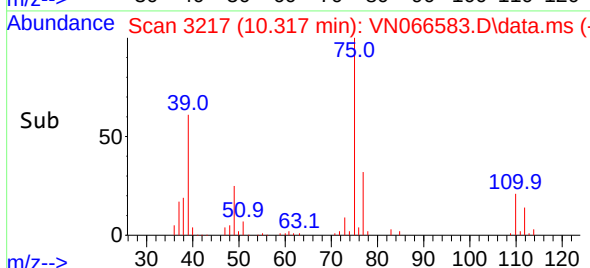
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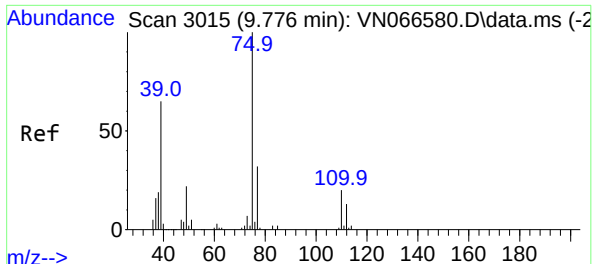


#48
t-1,3-Dichloropropene
Concen: 17.01 ug/l
RT: 10.317 min Scan# 3217
Delta R.T. -0.003 min
Lab File: VN066583.D
Acq: 13 Apr 2021 17:30



Tgt Ion: 75 Resp: 88310
Ion Ratio Lower Upper
75 100
77 31.5 24.9 37.3





#49

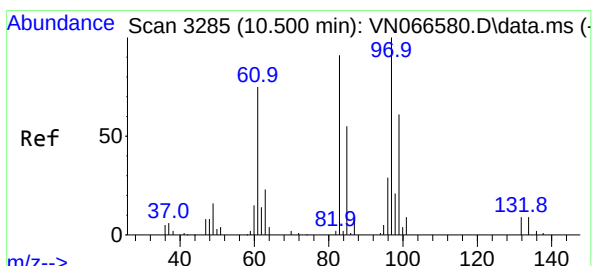
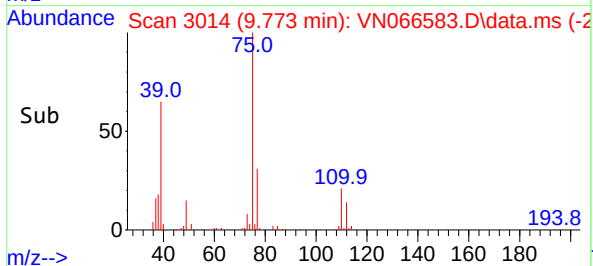
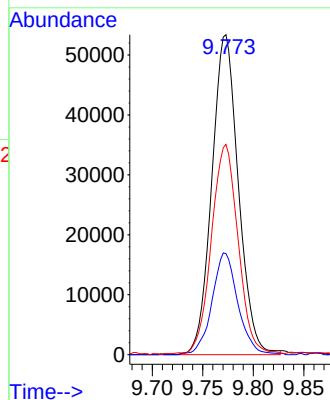
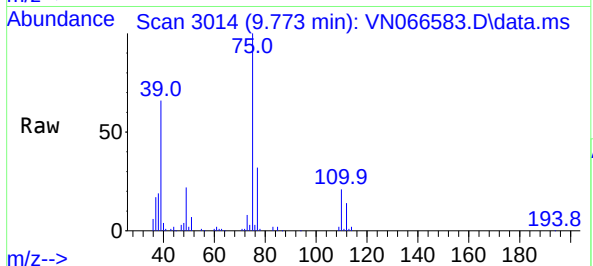
cis-1,3-Dichloropropene
Concen: 17.69 ug/l
RT: 9.773 min Scan# 3014
Delta R.T. -0.003 min
Lab File: VN066583.D
Acq: 13 Apr 2021 17:30

Tgt Ion:	75	Resp:	97772
Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.4	38.0
39	65.2	46.8	70.2

Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS01

Manual Integrations
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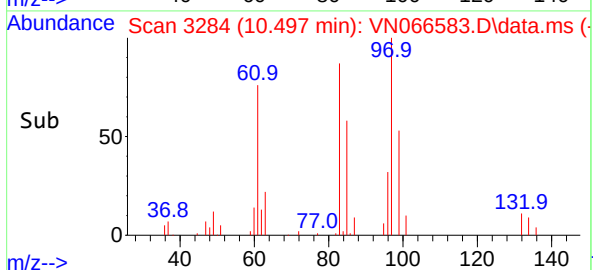
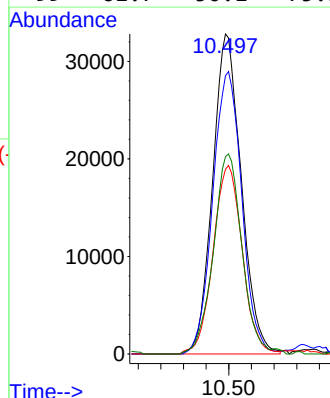
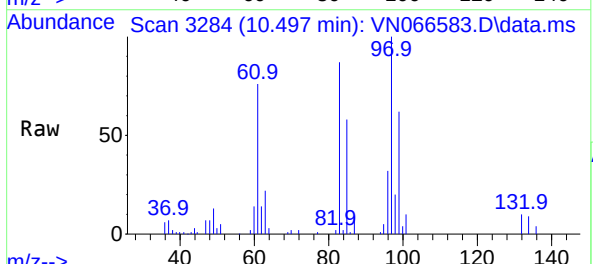
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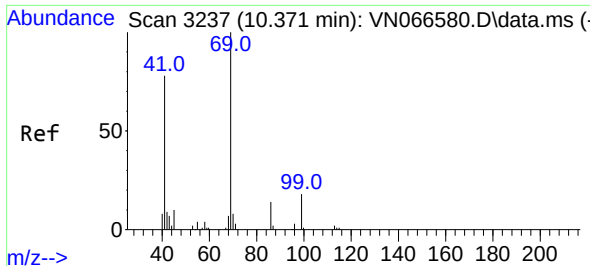


#50

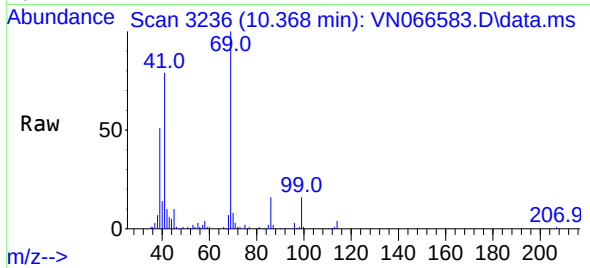
1,1,2-Trichloroethane
Concen: 17.42 ug/l
RT: 10.497 min Scan# 3284
Delta R.T. -0.003 min
Lab File: VN066583.D
Acq: 13 Apr 2021 17:30

Tgt Ion:	97	Resp:	57560
Ion	Ratio	Lower	Upper
97	100		
83	86.9	68.8	103.2
85	57.7	44.8	67.2
99	61.7	50.1	75.1

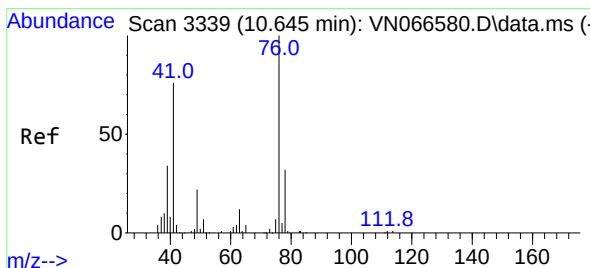
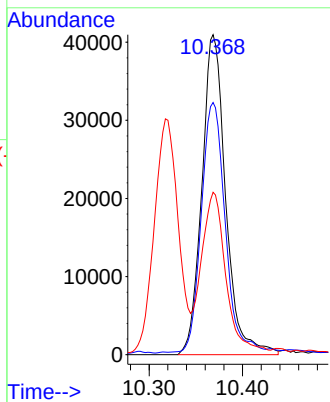
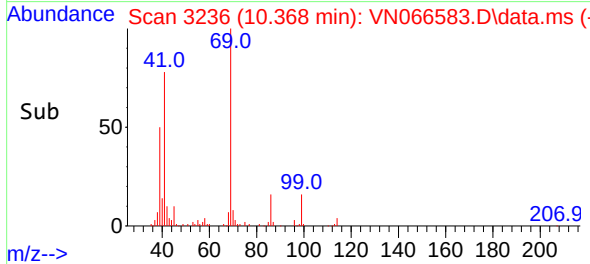




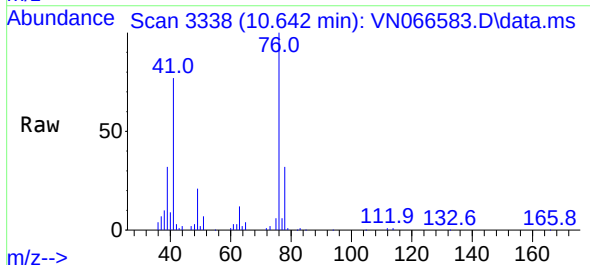
#51
Ethyl methacrylate
Concen: 17.26 ug/l
RT: 10.368 min Scan# 3236
Delta R.T. -0.003 min
Lab File: VN066583.D
Acq: 13 Apr 2021 17:30



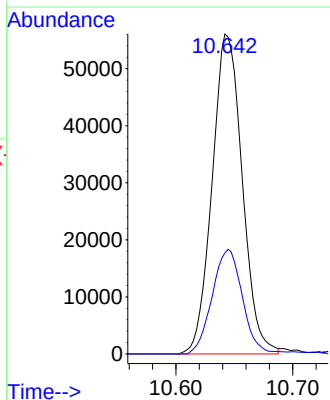
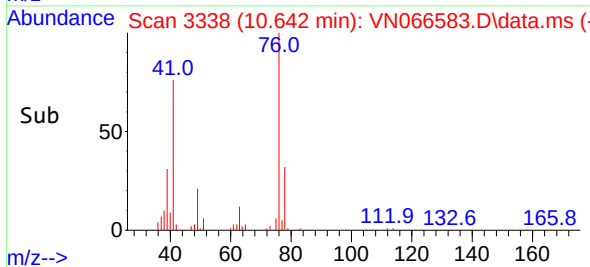
Tgt Ion: 69 Resp: 72636
Ion Ratio Lower Upper
69 100
41 77.9 34.8 104.5
39 48.8 22.5 67.5



#52
1,3-Dichloropropane
Concen: 17.73 ug/l
RT: 10.642 min Scan# 3338
Delta R.T. -0.005 min
Lab File: VN066583.D
Acq: 13 Apr 2021 17:30



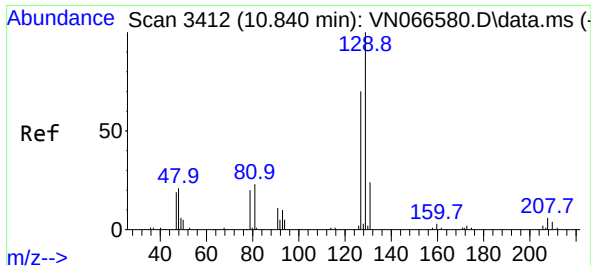
Tgt Ion: 76 Resp: 100321
Ion Ratio Lower Upper
76 100
78 32.6 0.0 65.6



Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS01

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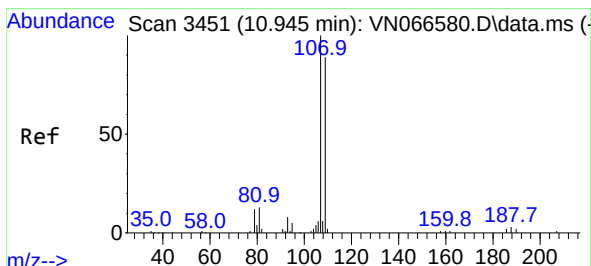
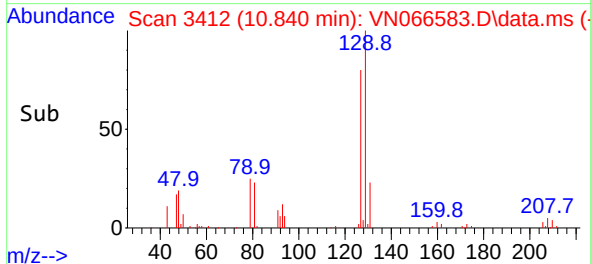
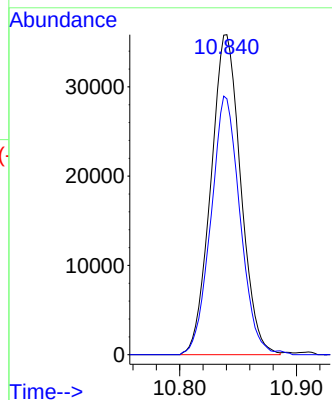
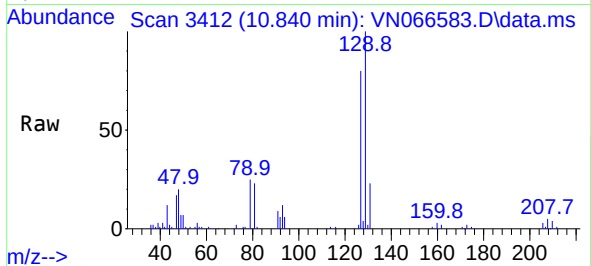
#53
Dibromochloromethane
Concen: 17.70 ug/l
RT: 10.840 min Scan# 3412
Delta R.T. -0.003 min
Lab File: VN066583.D
Acq: 13 Apr 2021 17:30

Tgt Ion:129 Resp: 63766
Ion Ratio Lower Upper
129 100
127 78.4 38.6 115.7

Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS01

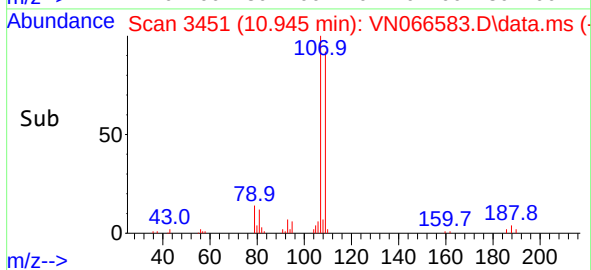
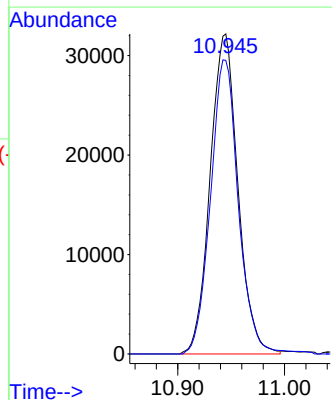
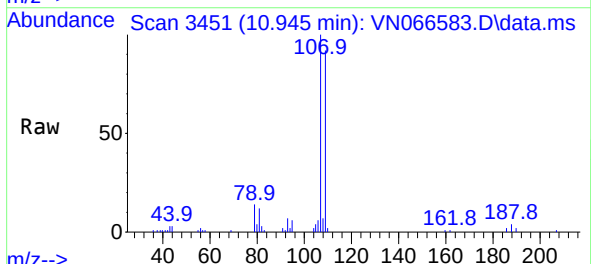
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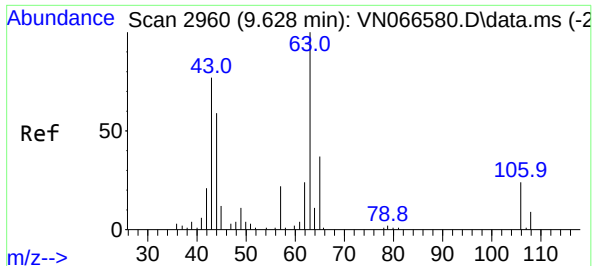
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#54
1,2-Dibromoethane
Concen: 17.94 ug/l
RT: 10.945 min Scan# 3451
Delta R.T. -0.000 min
Lab File: VN066583.D
Acq: 13 Apr 2021 17:30

Tgt Ion:107 Resp: 58158
Ion Ratio Lower Upper
107 100
109 92.1 75.8 113.6





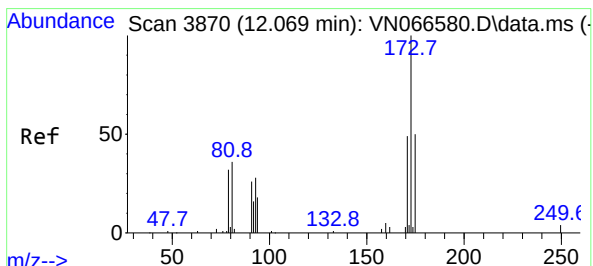
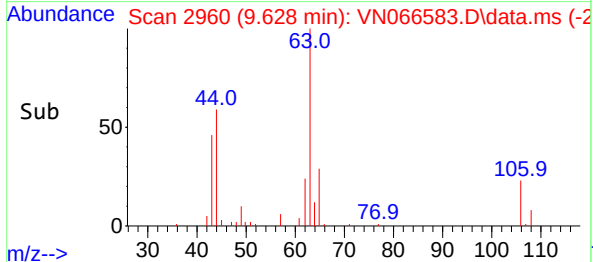
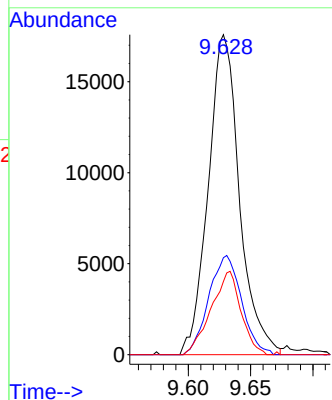
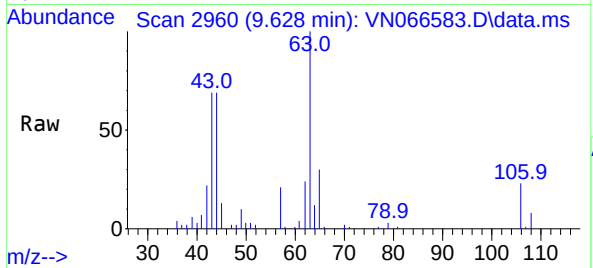
#55
2-Chloroethyl vinyl ether
Concen: 78.76 ug/l
RT: 9.628 min Scan# 2960
Delta R.T. -0.003 min
Lab File: VN066583.D
Acq: 13 Apr 2021 17:30

Tgt Ion:	63	Resp:	30655
Ion Ratio	Lower	Upper	
63	100		
65	32.4	26.0	39.0
106	24.9	20.6	31.0

Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS01

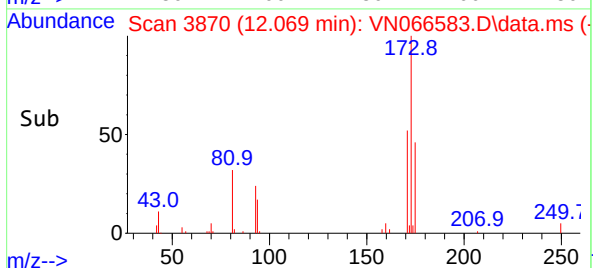
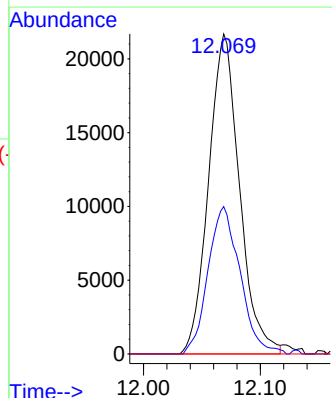
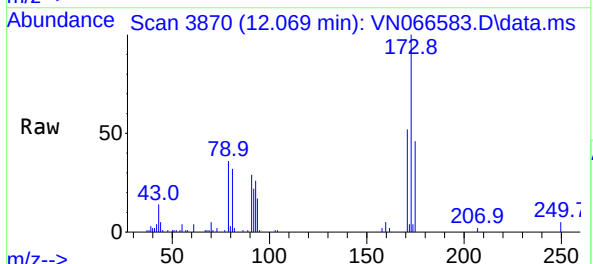
Manual Integrations
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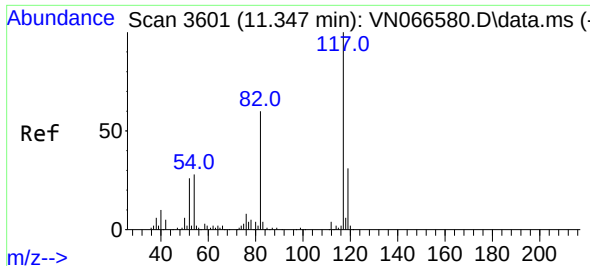
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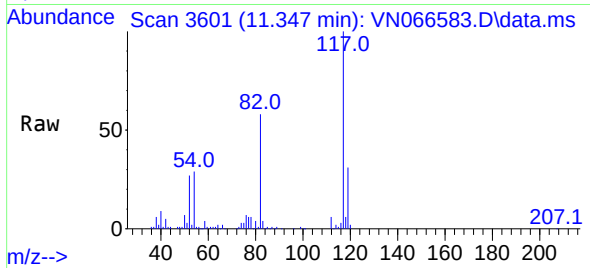
#56
Bromoform
Concen: 17.05 ug/l
RT: 12.069 min Scan# 3870
Delta R.T. -0.003 min
Lab File: VN066583.D
Acq: 13 Apr 2021 17:30

Tgt Ion:	173	Resp:	39852
Ion Ratio	Lower	Upper	
173	100		
175	47.8	38.3	57.5
254	0.0	0.0	0.0

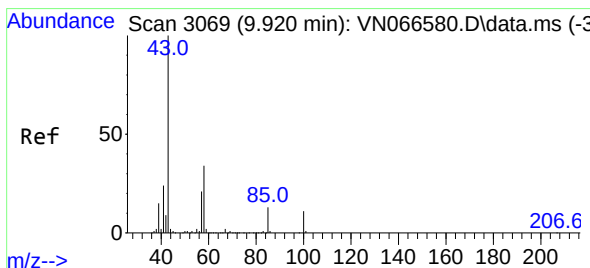
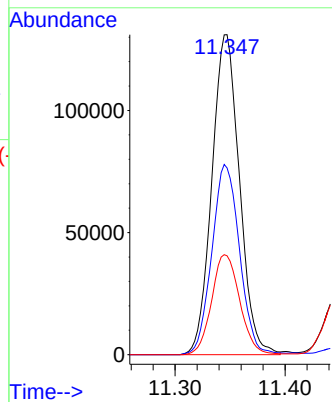
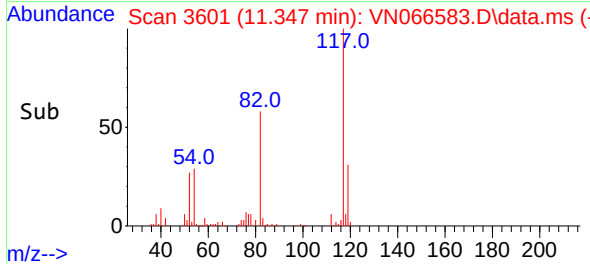




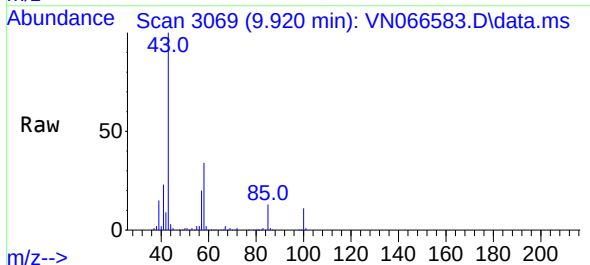
#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.347 min Scan# 3601
Delta R.T. -0.003 min
Lab File: VN066583.D
Acq: 13 Apr 2021 17:30



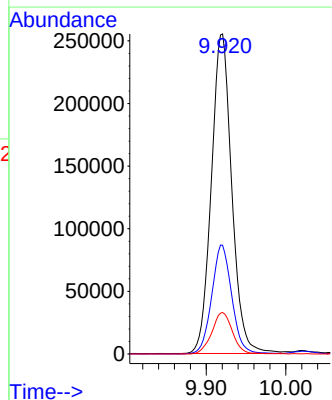
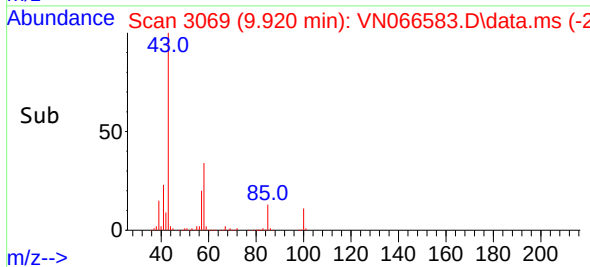
Tgt Ion: 117 Resp: 228500
Ion Ratio Lower Upper
117 100
82 59.7 45.0 67.6
119 31.9 25.5 38.3



#58
4-Methyl-2-Pentanone
Concen: 84.56 ug/l
RT: 9.920 min Scan# 3069
Delta R.T. 0.002 min
Lab File: VN066583.D
Acq: 13 Apr 2021 17:30



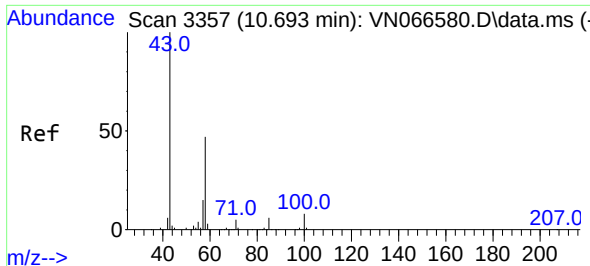
Tgt Ion: 43 Resp: 456610
Ion Ratio Lower Upper
43 100
58 33.6 30.4 45.6
85 13.0 13.8 20.8#



Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS01

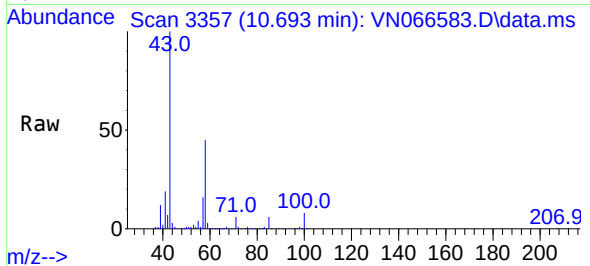
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#59
2-Hexanone
Concen: 82.18 ug/l
RT: 10.693 min Scan# 3357
Delta R.T. -0.000 min
Lab File: VN066583.D
Acq: 13 Apr 2021 17:30

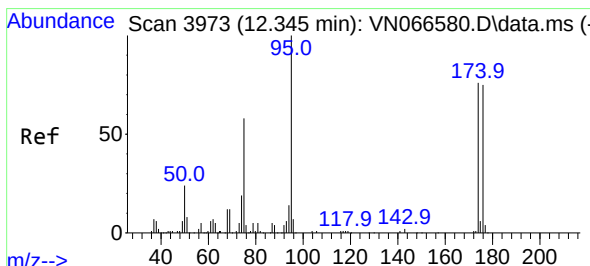
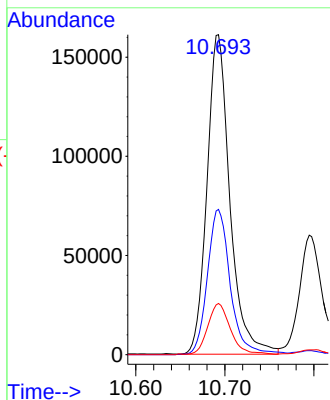
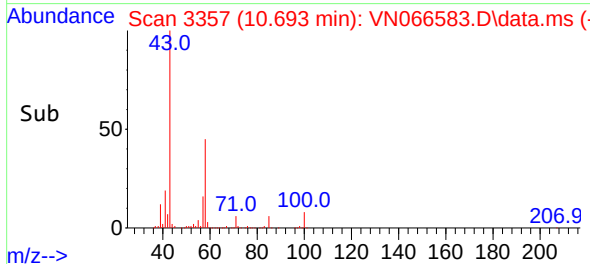
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS01



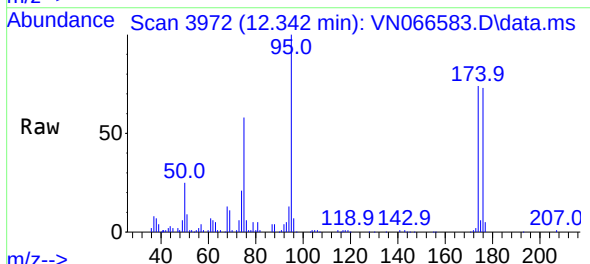
Tgt Ion: 43 Resp: 287631
Ion Ratio Lower Upper
43 100
58 45.7 41.8 62.6
57 15.9 14.9 22.3

Manual Integrations
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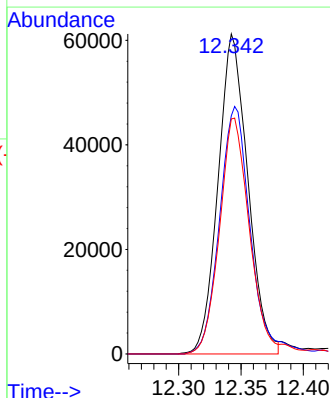
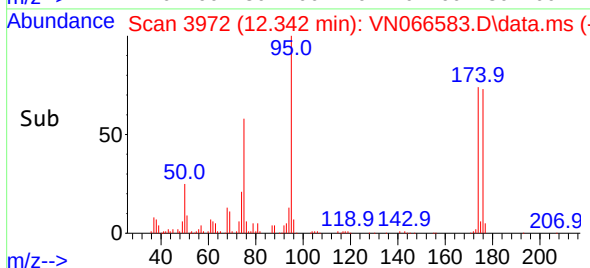
MMDadoda
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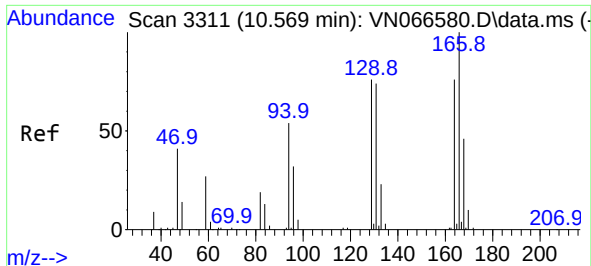


#60
4-Bromofluorobenzene
Concen: 29.25 ug/l
RT: 12.342 min Scan# 3972
Delta R.T. -0.003 min
Lab File: VN066583.D
Acq: 13 Apr 2021 17:30



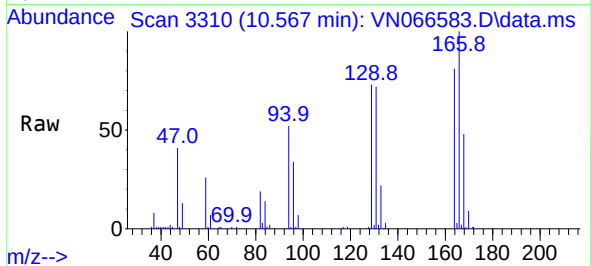
Tgt Ion: 95 Resp: 101769
Ion Ratio Lower Upper
95 100
174 80.2 68.1 102.1
176 73.5 65.4 98.0





#61
Tetrachloroethene
Concen: 17.97 ug/l
RT: 10.567 min Scan# 3310
Delta R.T. -0.003 min
Lab File: VN066583.D
Acq: 13 Apr 2021 17:30

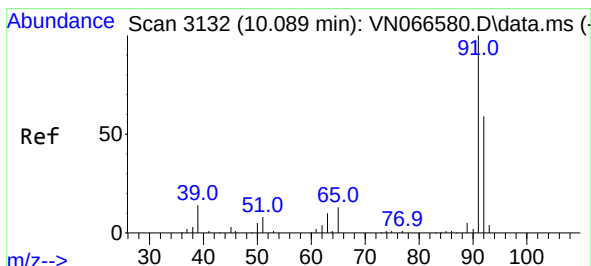
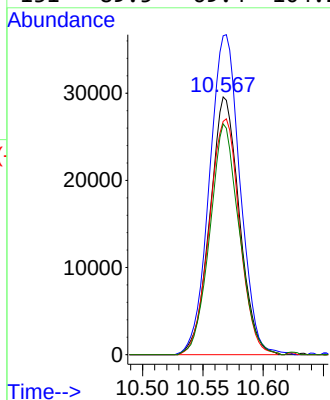
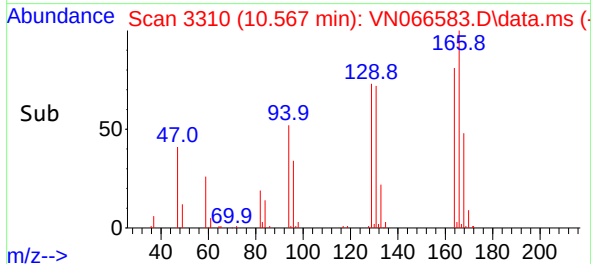
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS01



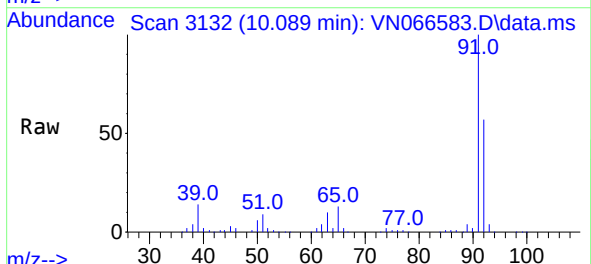
Tgt Ion:164 Resp: 50281
Ion Ratio Lower Upper
164 100
166 123.2 100.5 150.7
129 90.5 74.7 112.1
131 89.5 69.4 104.2

Manual Integrations
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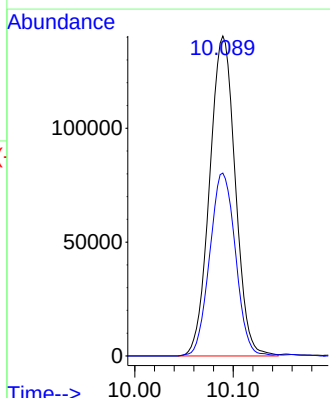
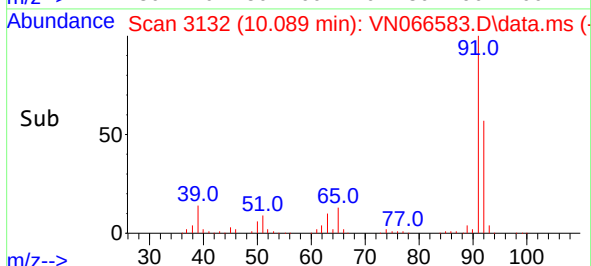
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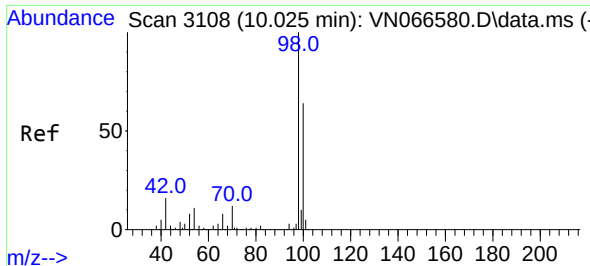


#62
Toluene
Concen: 18.05 ug/l
RT: 10.089 min Scan# 3132
Delta R.T. -0.003 min
Lab File: VN066583.D
Acq: 13 Apr 2021 17:30



Tgt Ion: 91 Resp: 254710
Ion Ratio Lower Upper
91 100
92 57.5 46.2 69.2





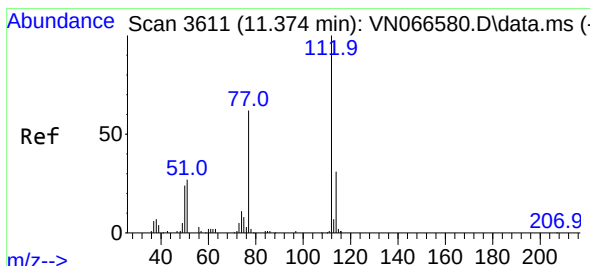
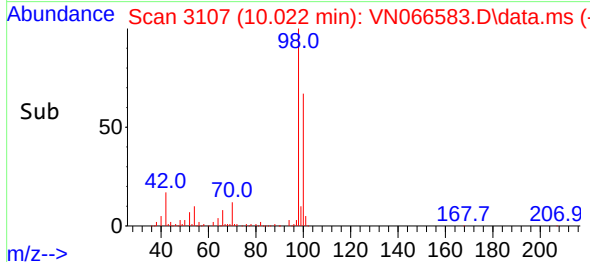
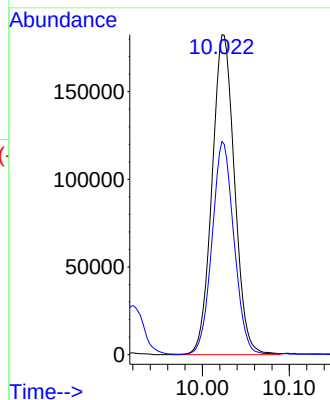
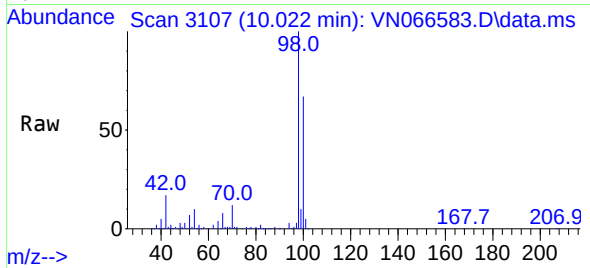
#63
Toluene-d8
Concen: 29.97 ug/l
RT: 10.022 min Scan# 3107
Delta R.T. -0.003 min
Lab File: VN066583.D
Acq: 13 Apr 2021 17:30

Tgt Ion: 98 Resp: 328187
Ion Ratio Lower Upper
98 100
100 64.7 51.1 76.7

Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS01

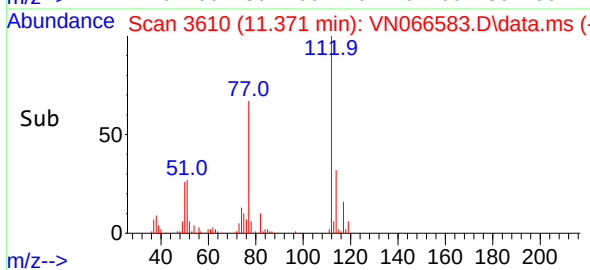
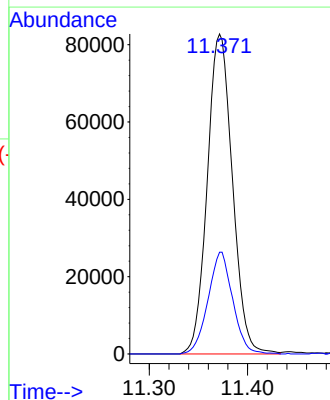
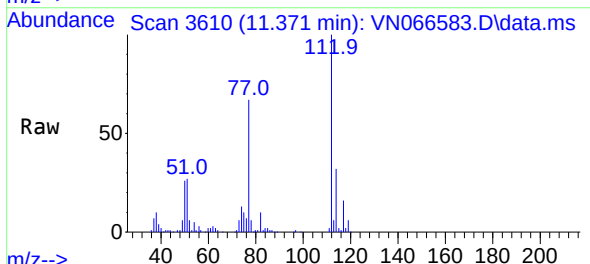
Manual Integrations
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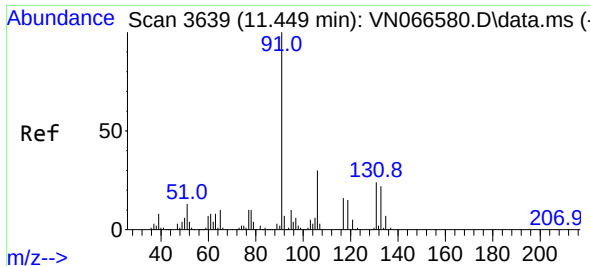
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#64
Chlorobenzene
Concen: 18.03 ug/l
RT: 11.371 min Scan# 3610
Delta R.T. -0.003 min
Lab File: VN066583.D
Acq: 13 Apr 2021 17:30

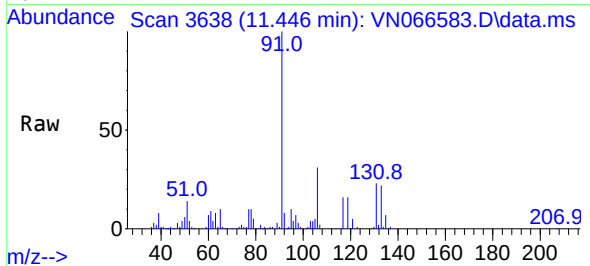
Tgt Ion: 112 Resp: 147419
Ion Ratio Lower Upper
112 100
114 31.8 25.6 38.4





#65
1,1,1,2-Tetrachloroethane
Concen: 17.05 ug/l
RT: 11.446 min Scan# 3638
Delta R.T. -0.003 min
Lab File: VN066583.D
Acq: 13 Apr 2021 17:30

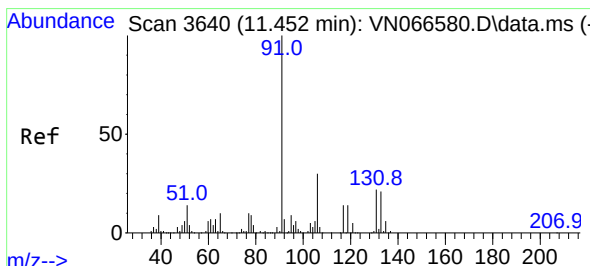
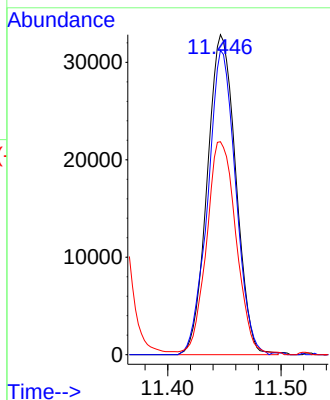
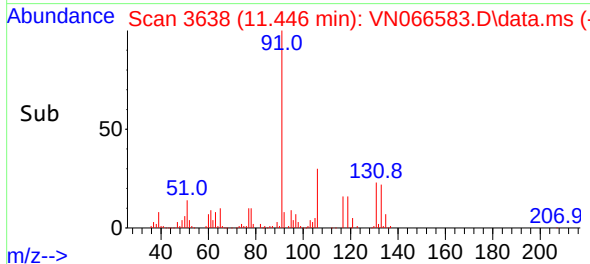
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS01



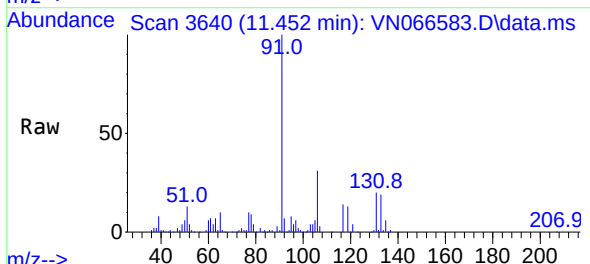
Tgt Ion:131 Resp: 57428
Ion Ratio Lower Upper
131 100
133 92.9 0.0 188.4
119 67.1 0.0 134.4

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APPROVED

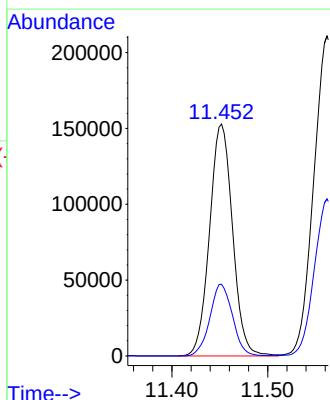
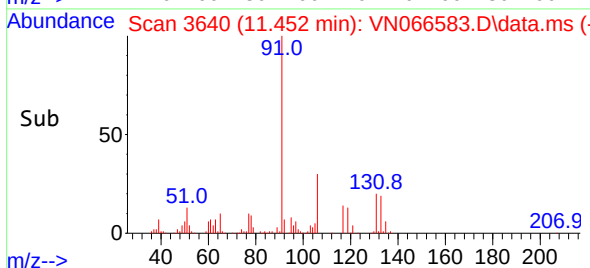
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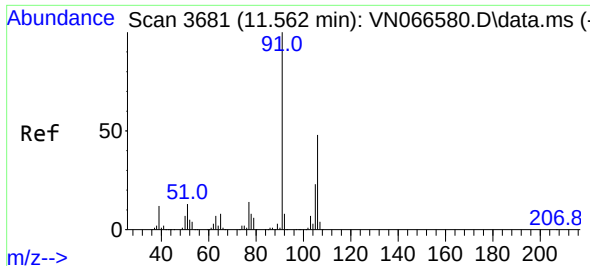


#66
Ethyl Benzene
Concen: 17.65 ug/l
RT: 11.452 min Scan# 3640
Delta R.T. -0.003 min
Lab File: VN066583.D
Acq: 13 Apr 2021 17:30



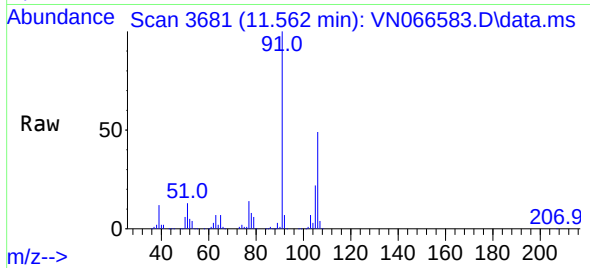
Tgt Ion: 91 Resp: 254687
Ion Ratio Lower Upper
91 100
106 30.9 25.5 38.3





#67
m/p-Xylenes
Concen: 35.74 ug/l
RT: 11.562 min Scan# 3681
Delta R.T. -0.003 min
Lab File: VN066583.D
Acq: 13 Apr 2021 17:30

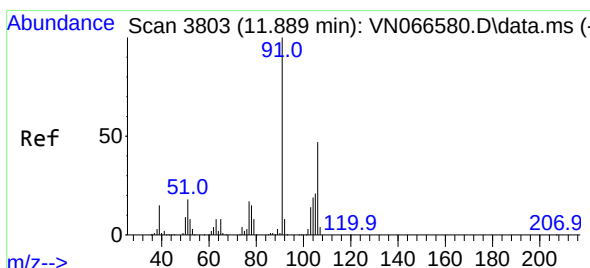
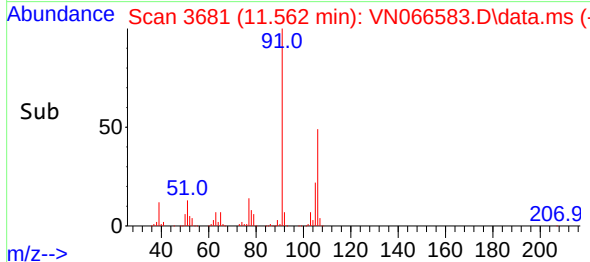
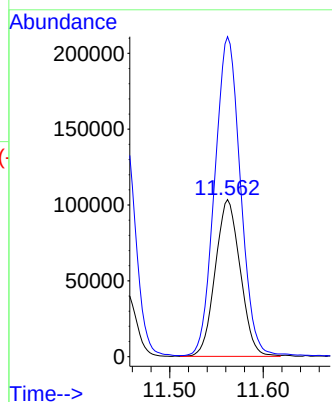
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS01



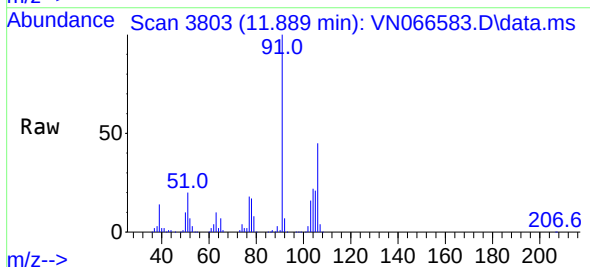
Tgt Ion:106 Resp: 192267
Ion Ratio Lower Upper
106 100
91 208.8 164.8 247.2

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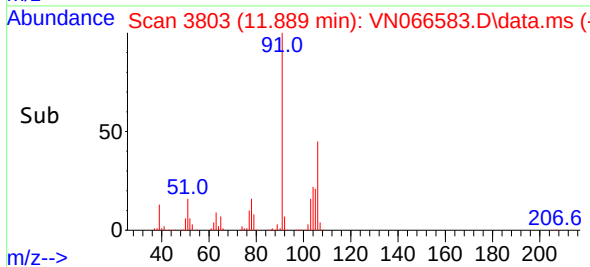
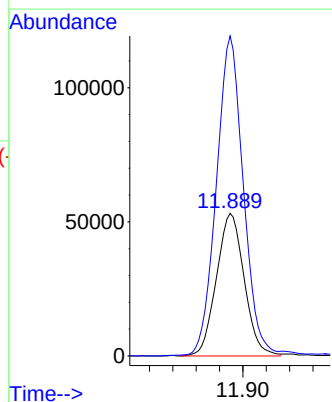
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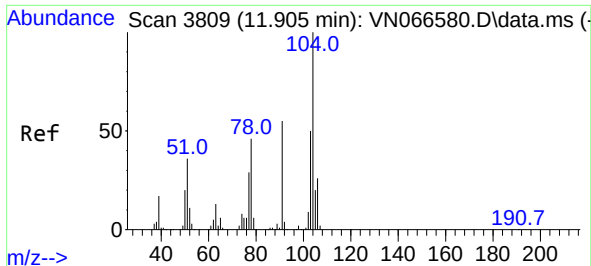


#68
o-Xylene
Concen: 17.80 ug/l
RT: 11.889 min Scan# 3803
Delta R.T. -0.003 min
Lab File: VN066583.D
Acq: 13 Apr 2021 17:30

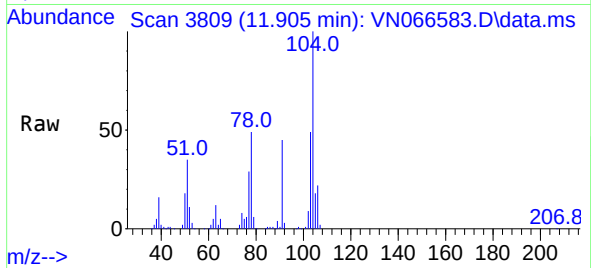


Tgt Ion:106 Resp: 87645
Ion Ratio Lower Upper
106 100
91 217.8 107.1 321.4

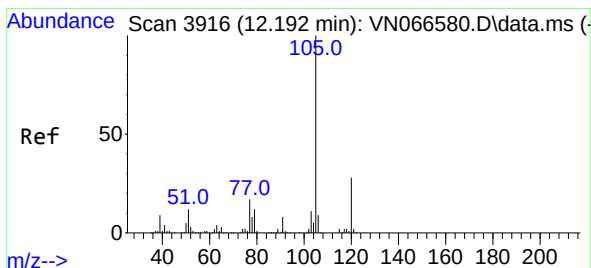
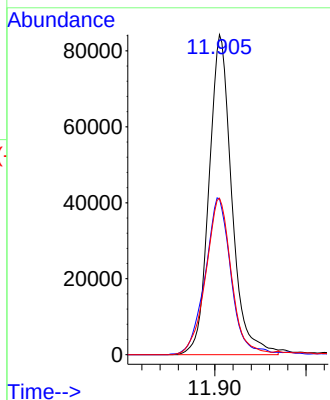
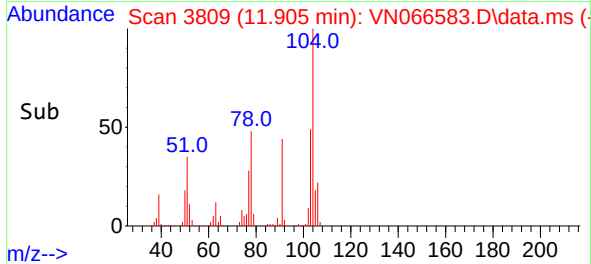




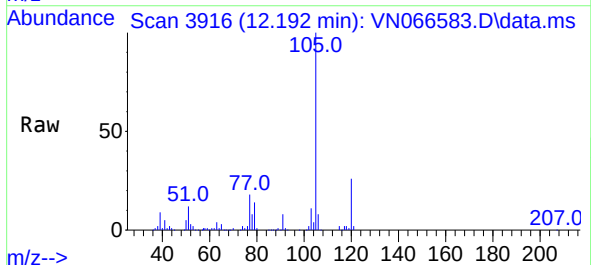
#69
Styrene
Concen: 17.85 ug/l
RT: 11.905 min Scan# 3809
Delta R.T. -0.006 min
Lab File: VN066583.D
Acq: 13 Apr 2021 17:30



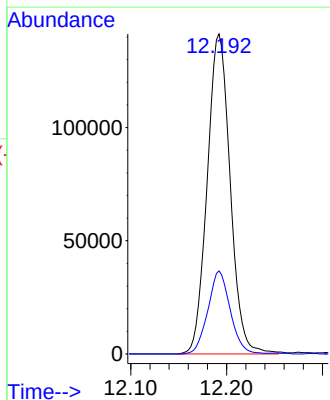
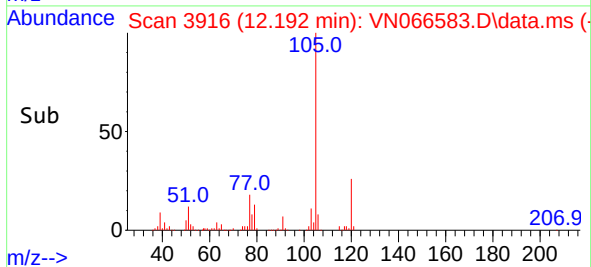
Tgt Ion:104 Resp: 146098
Ion Ratio Lower Upper
104 100
78 55.5 41.0 61.6
103 54.8 43.7 65.5



#70
Isopropylbenzene
Concen: 18.05 ug/l
RT: 12.192 min Scan# 3916
Delta R.T. -0.003 min
Lab File: VN066583.D
Acq: 13 Apr 2021 17:30



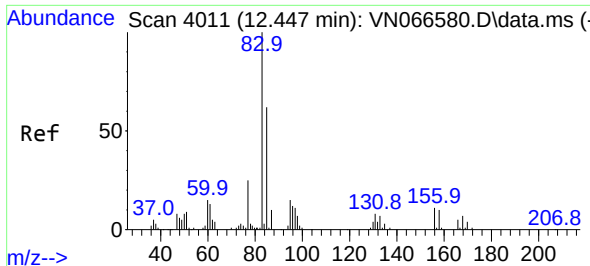
Tgt Ion:105 Resp: 235459
Ion Ratio Lower Upper
105 100
120 25.2 18.7 34.7



Instrument :
MSVOA_N
ClientSampled :
VN0413WBS01

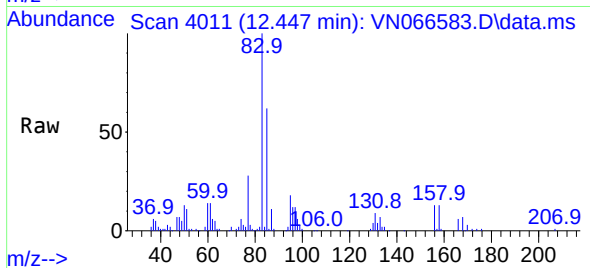
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#71
1,1,2,2-Tetrachloroethane
Concen: 17.04 ug/l
RT: 12.447 min Scan# 4011
Delta R.T. -0.003 min
Lab File: VN066583.D
Acq: 13 Apr 2021 17:30

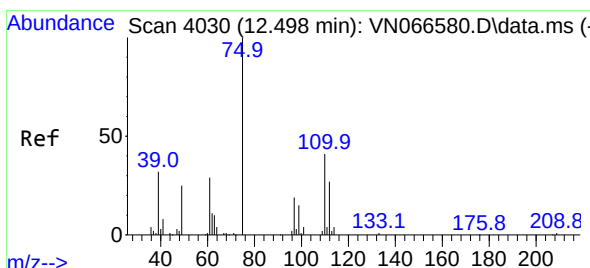
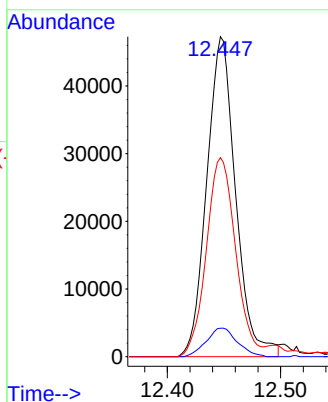
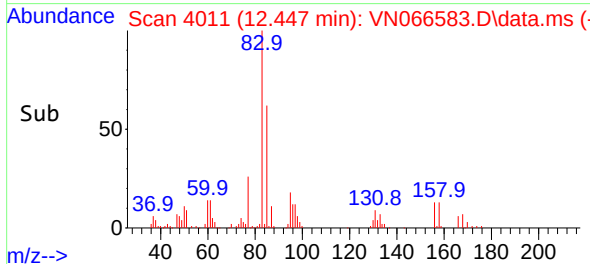
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS01



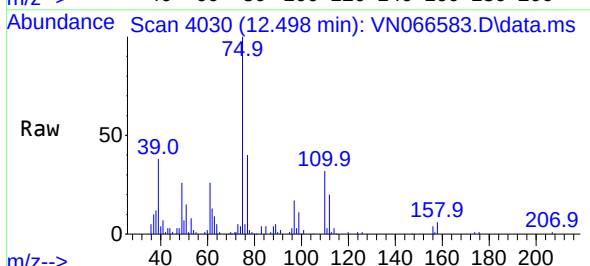
Tgt Ion: 83 Resp: 83644
Ion Ratio Lower Upper
83 100
131 9.6 4.9 14.6
85 63.1 31.4 94.2

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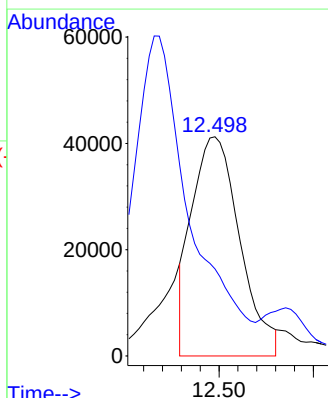
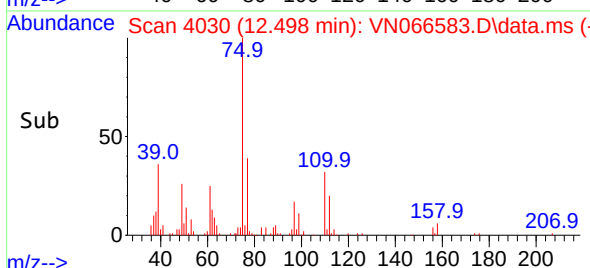
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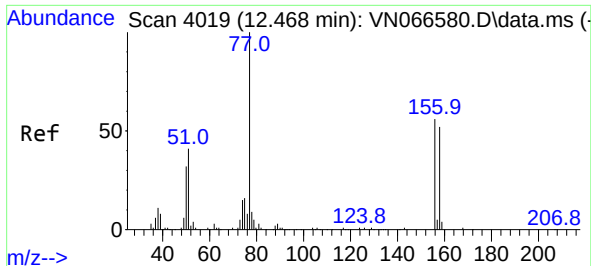


#72
1,2,3-Trichloropropane
Concen: 15.92 ug/l m
RT: 12.498 min Scan# 4030
Delta R.T. -0.000 min
Lab File: VN066583.D
Acq: 13 Apr 2021 17:30



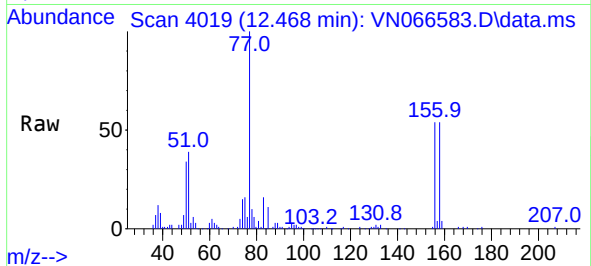
Tgt Ion: 75 Resp: 72948
Ion Ratio Lower Upper
75 100
77 173.6 0.0 310.8





#73
Bromobenzene
Concen: 17.91 ug/l
RT: 12.468 min Scan# 4019
Delta R.T. 0.000 min
Lab File: VN066583.D
Acq: 13 Apr 2021 17:30

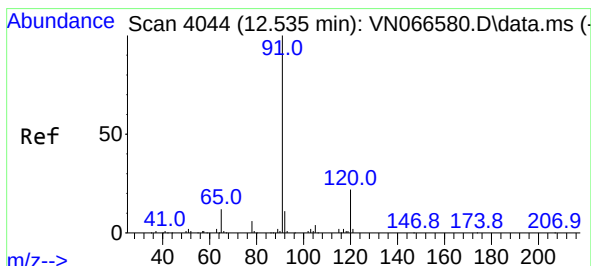
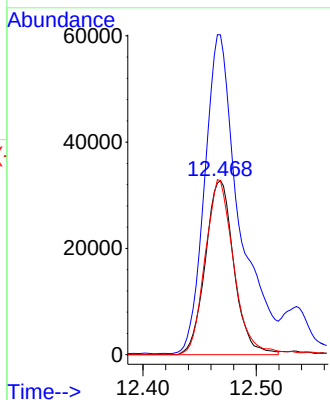
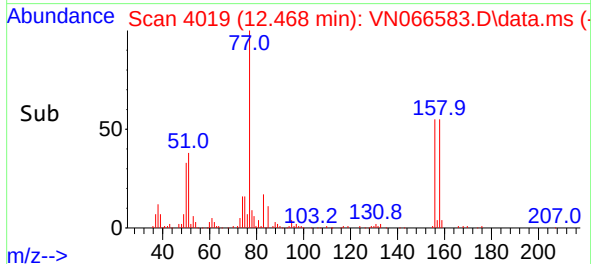
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS01



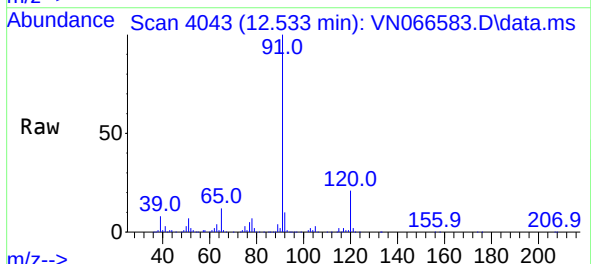
Tgt Ion:156 Resp: 57251
Ion Ratio Lower Upper
156 100
77 221.2 0.0 399.6
158 100.7 0.0 192.8

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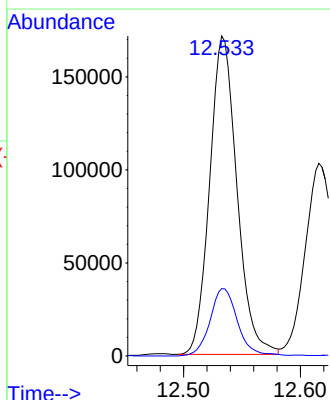
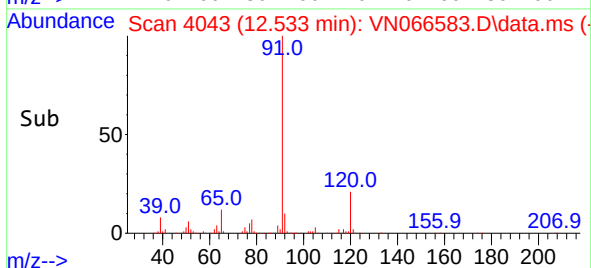
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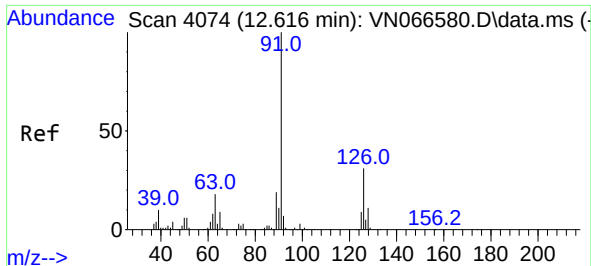


#74
n-propylbenzene
Concen: 17.99 ug/l
RT: 12.533 min Scan# 4043
Delta R.T. -0.002 min
Lab File: VN066583.D
Acq: 13 Apr 2021 17:30



Tgt Ion: 91 Resp: 277521
Ion Ratio Lower Upper
91 100
120 21.4 0.0 45.2





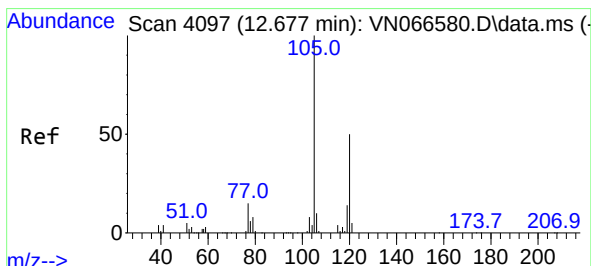
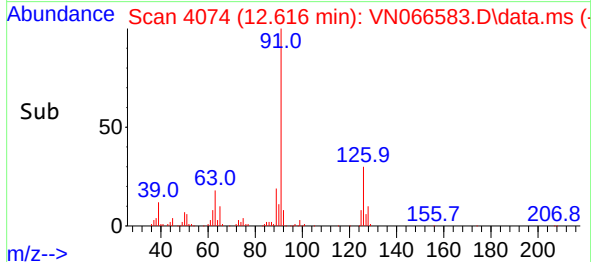
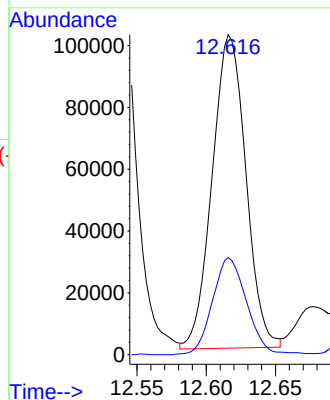
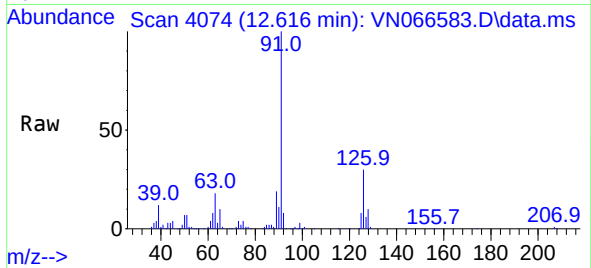
#75
2-Chlorotoluene
Concen: 17.76 ug/l
RT: 12.616 min Scan# 4074
Delta R.T. -0.003 min
Lab File: VN066583.D
Acq: 13 Apr 2021 17:30

Tgt Ion: 91 Resp: 171672
Ion Ratio Lower Upper
91 100
126 30.9 0.0 68.6

Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS01

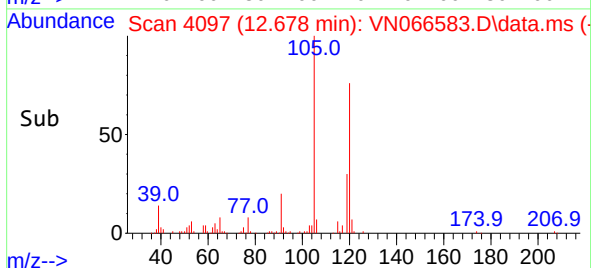
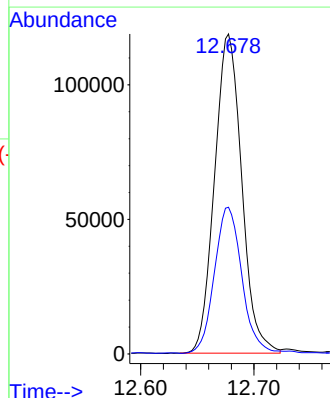
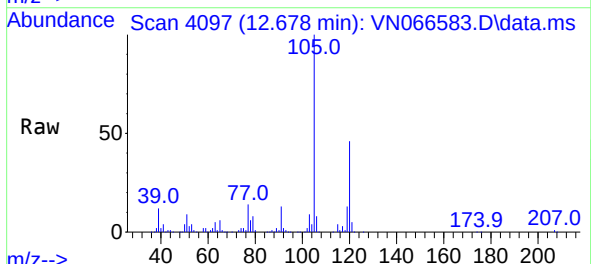
Manual Integrations
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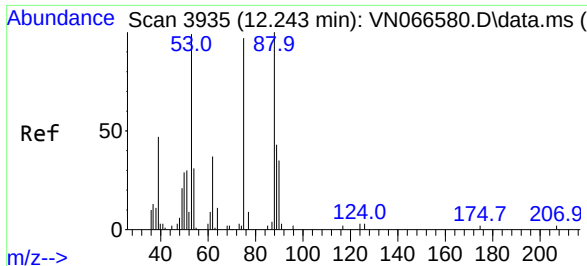
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#76
1,3,5-Trimethylbenzene
Concen: 17.89 ug/l
RT: 12.678 min Scan# 4097
Delta R.T. -0.000 min
Lab File: VN066583.D
Acq: 13 Apr 2021 17:30

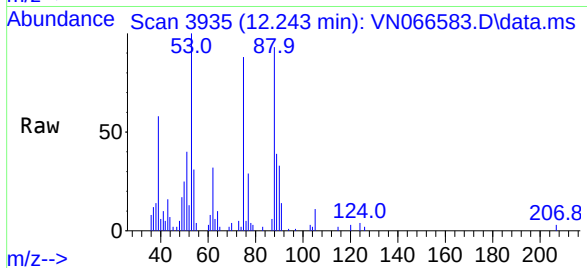
Tgt Ion: 105 Resp: 197687
Ion Ratio Lower Upper
105 100
120 46.2 0.0 98.2





#77
t-1,4-Dichloro-2-butene
Concen: 16.82 ug/l
RT: 12.243 min Scan# 3935
Delta R.T. -0.003 min
Lab File: VN066583.D
Acq: 13 Apr 2021 17:30

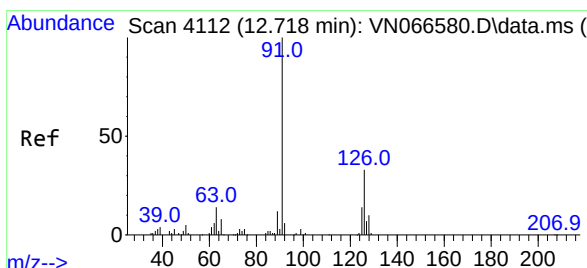
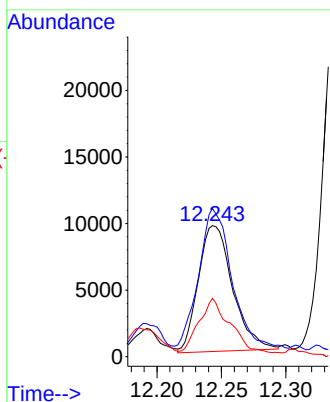
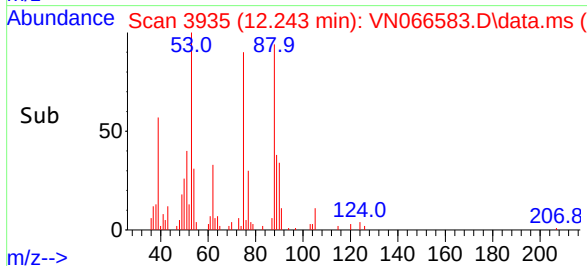
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS01



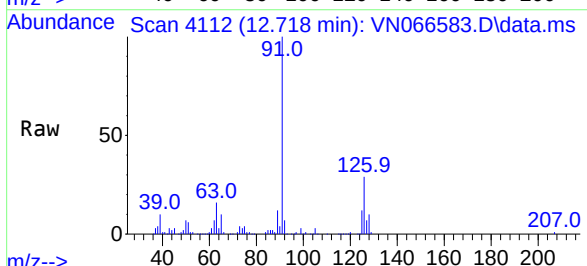
Tgt Ion: 75 Resp: 17490
Ion Ratio Lower Upper
75 100
53 111.0 49.6 149.0
89 43.9 22.9 68.7

Manual Integrations
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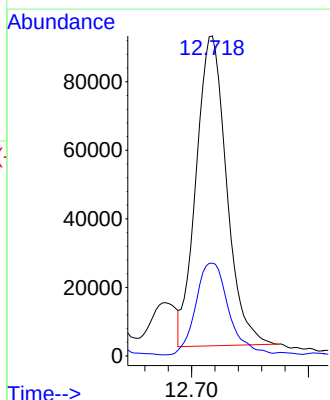
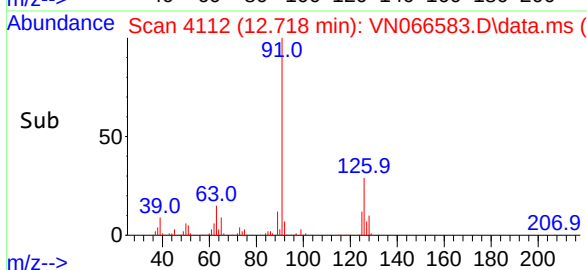
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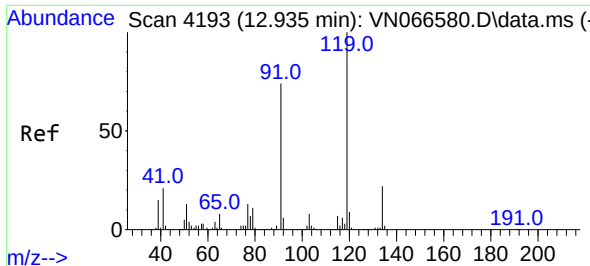


#78
4-Chlorotoluene
Concen: 18.15 ug/l
RT: 12.718 min Scan# 4112
Delta R.T. -0.000 min
Lab File: VN066583.D
Acq: 13 Apr 2021 17:30

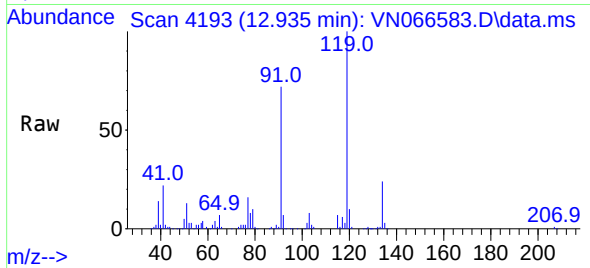


Tgt Ion: 91 Resp: 163466
Ion Ratio Lower Upper
91 100
126 31.8 0.0 65.4

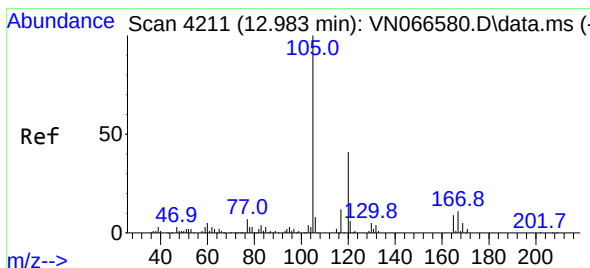
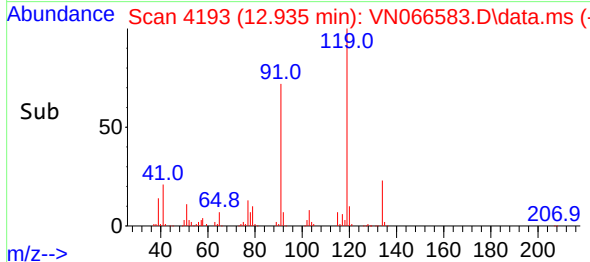
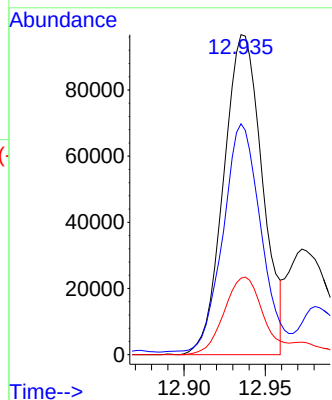




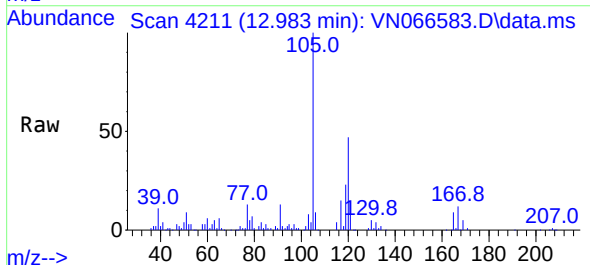
#79
tert-butylbenzene
Concen: 17.65 ug/l
RT: 12.935 min Scan# 4193
Delta R.T. -0.003 min
Lab File: VN066583.D
Acq: 13 Apr 2021 17:30



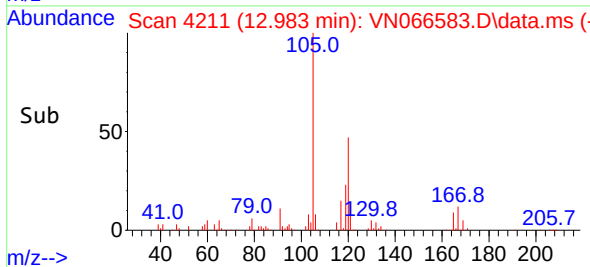
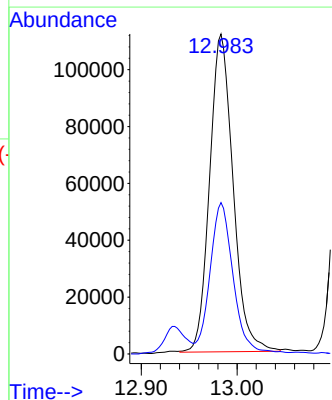
Tgt Ion:119 Resp: 160196
Ion Ratio Lower Upper
119 100
91 69.5 0.0 133.4
134 24.4 0.0 51.0



#80
1,2,4-Trimethylbenzene
Concen: 18.28 ug/l
RT: 12.983 min Scan# 4211
Delta R.T. 0.000 min
Lab File: VN066583.D
Acq: 13 Apr 2021 17:30



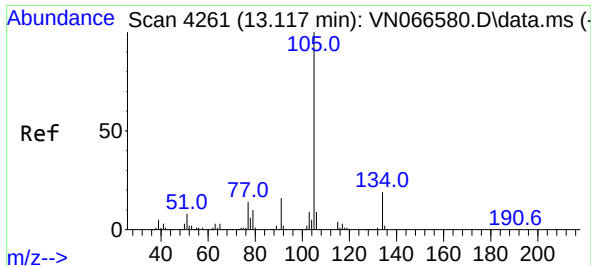
Tgt Ion:105 Resp: 190385
Ion Ratio Lower Upper
105 100
120 45.5 0.0 90.6



Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS01

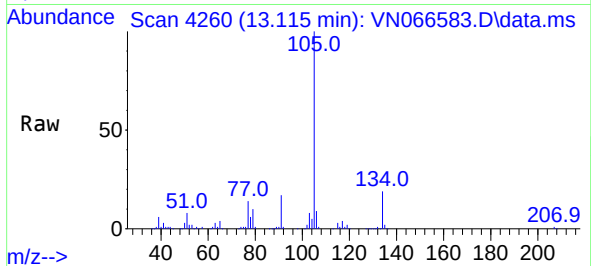
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#81
 sec-Butylbenzene
 Concen: 17.84 ug/l
 RT: 13.115 min Scan# 4260
 Delta R.T. -0.000 min
 Lab File: VN066583.D
 Acq: 13 Apr 2021 17:30

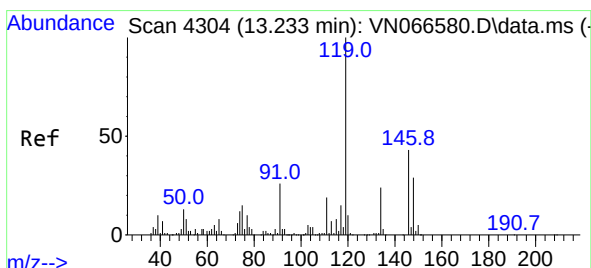
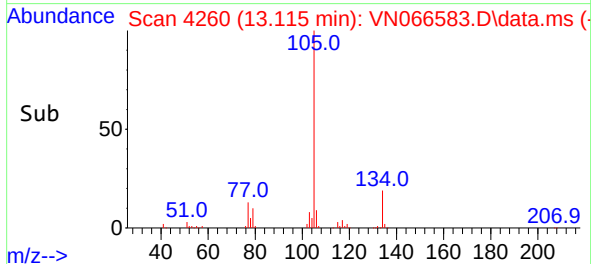
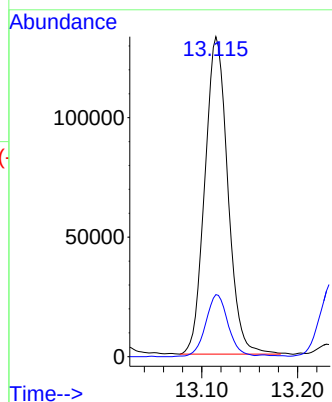
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0413WBS01



Tgt Ion:105 Resp: 221093
 Ion Ratio Lower Upper
 105 100
 134 19.2 0.0 40.0

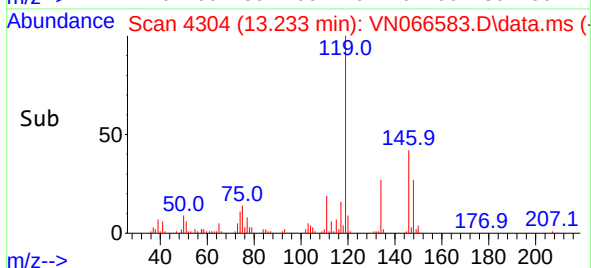
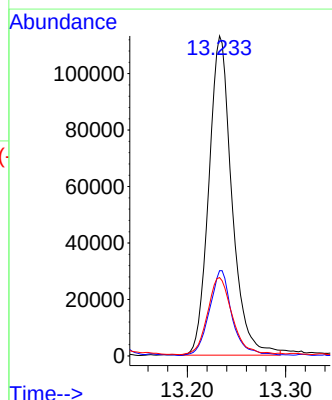
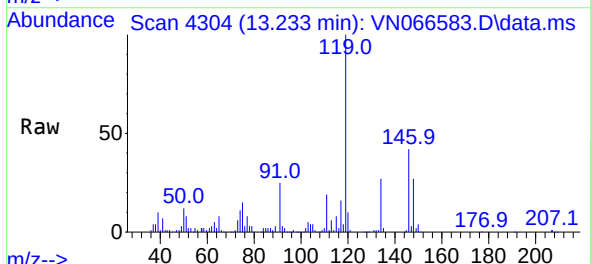
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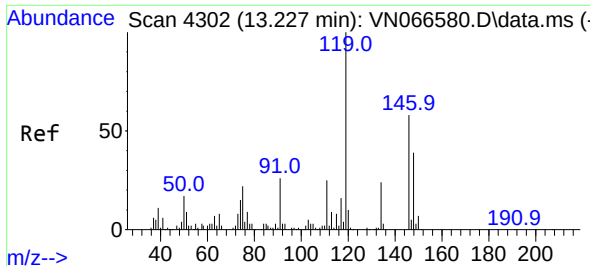
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#82
 p-Isopropyltoluene
 Concen: 17.83 ug/l
 RT: 13.233 min Scan# 4304
 Delta R.T. -0.000 min
 Lab File: VN066583.D
 Acq: 13 Apr 2021 17:30

Tgt Ion:119 Resp: 184542
 Ion Ratio Lower Upper
 119 100
 134 25.8 0.0 53.4
 91 25.5 0.0 47.6





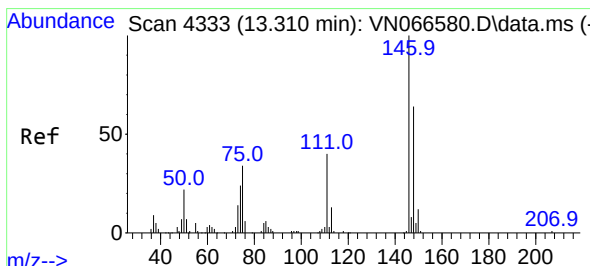
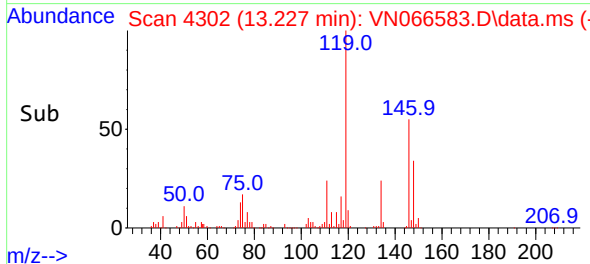
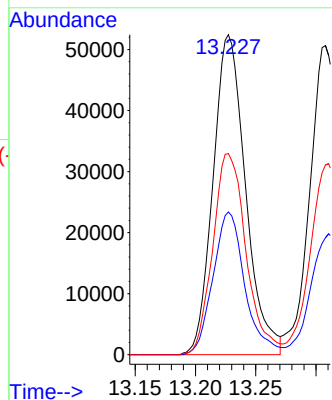
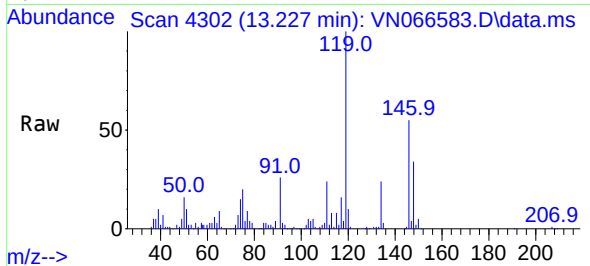
#83
1,3-Dichlorobenzene
Concen: 17.58 ug/l
RT: 13.227 min Scan# 4302
Delta R.T. 0.000 min
Lab File: VN066583.D
Acq: 13 Apr 2021 17:30

Tgt Ion:	146	Resp:	98327
Ion Ratio	Lower	Upper	
146	100		
111	43.8	19.3	57.9
148	64.6	31.9	95.9

Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS01

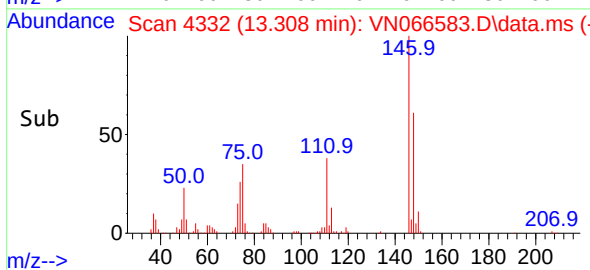
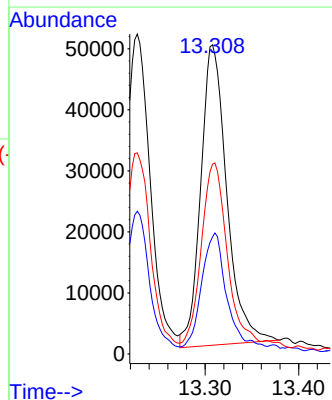
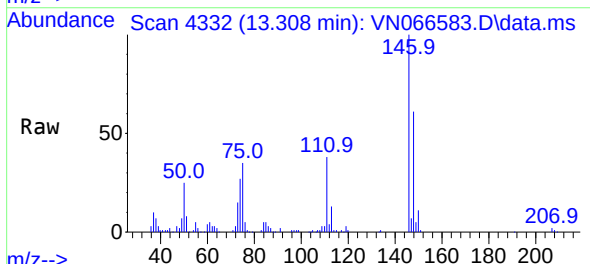
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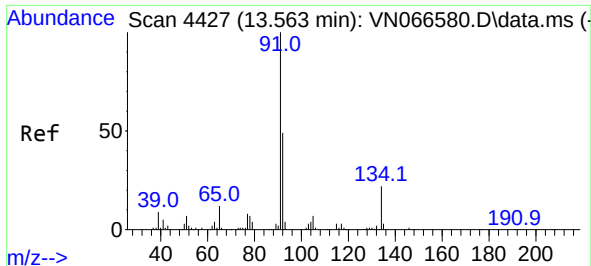
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#84
1,4-Dichlorobenzene
Concen: 16.51 ug/l
RT: 13.308 min Scan# 4332
Delta R.T. -0.000 min
Lab File: VN066583.D
Acq: 13 Apr 2021 17:30

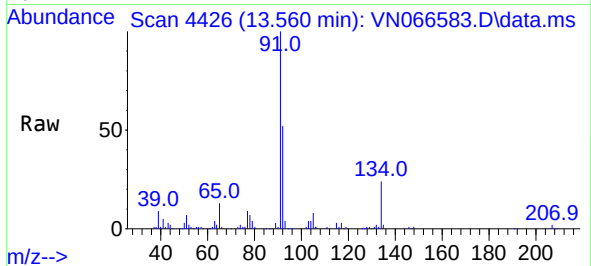
Tgt Ion:	146	Resp:	95385
Ion Ratio	Lower	Upper	
146	100		
111	34.5	18.4	55.0
148	60.1	31.9	95.5





#85
n-Butylbenzene
Concen: 15.97 ug/l
RT: 13.560 min Scan# 4426
Delta R.T. -0.000 min
Lab File: VN066583.D
Acq: 13 Apr 2021 17:30

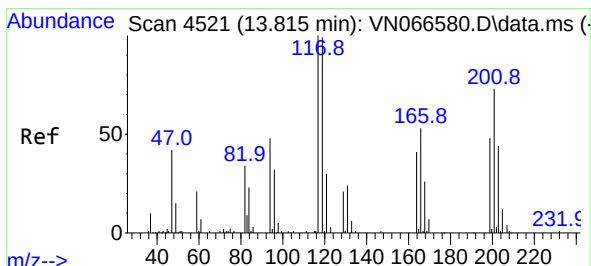
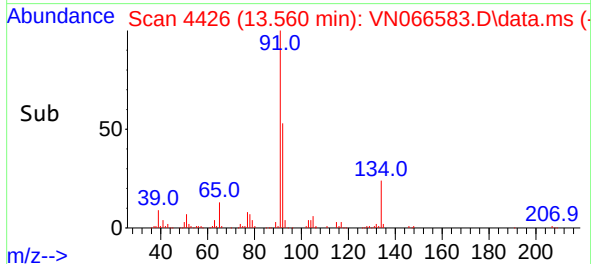
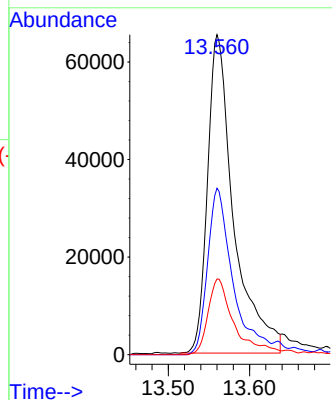
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS01



Tgt Ion: 91 Resp: 146292
Ion Ratio Lower Upper
91 100
92 50.4 0.0 102.6
134 22.2 0.0 49.0

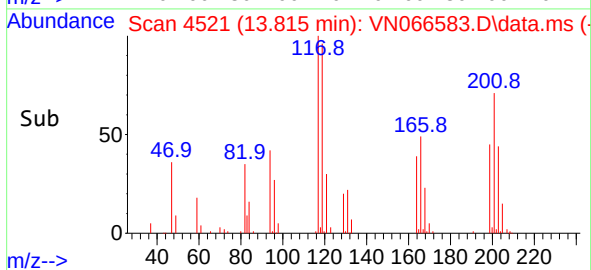
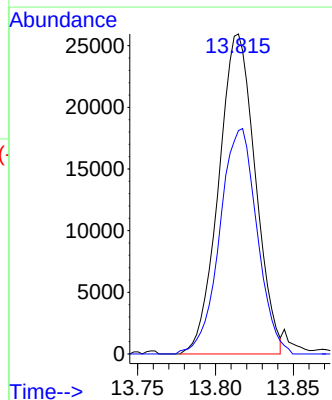
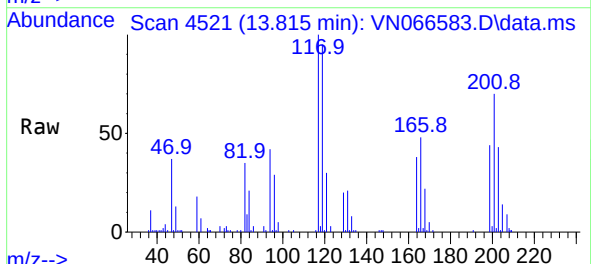
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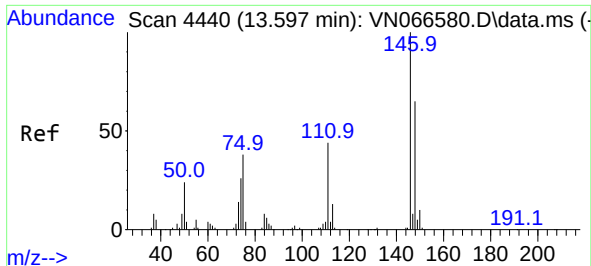
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#86
Hexachloroethane
Concen: 17.02 ug/l
RT: 13.815 min Scan# 4521
Delta R.T. -0.000 min
Lab File: VN066583.D
Acq: 13 Apr 2021 17:30

Tgt Ion: 117 Resp: 42544
Ion Ratio Lower Upper
117 100
201 71.6 43.3 129.8





#87

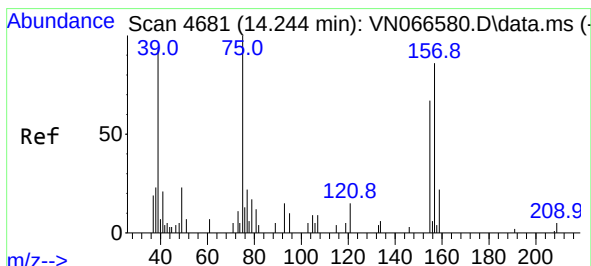
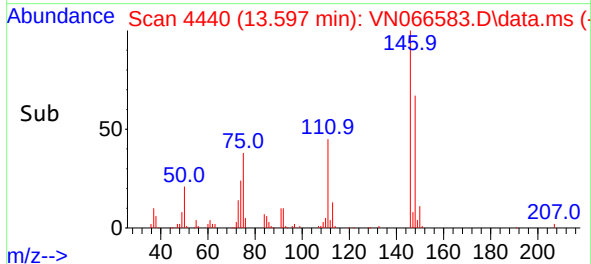
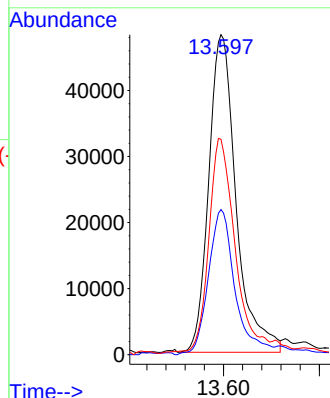
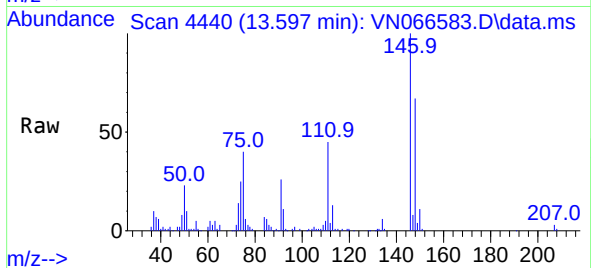
1,2-Dichlorobenzene
Concen: 17.46 ug/l
RT: 13.597 min Scan# 4440
Delta R.T. -0.001 min
Lab File: VN066583.D
Acq: 13 Apr 2021 17:30

Tgt Ion:	146	Resp:	95458
Ion Ratio	Lower	Upper	
146	100		
111	44.4	20.3	60.9
148	61.4	32.0	96.0

Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS01

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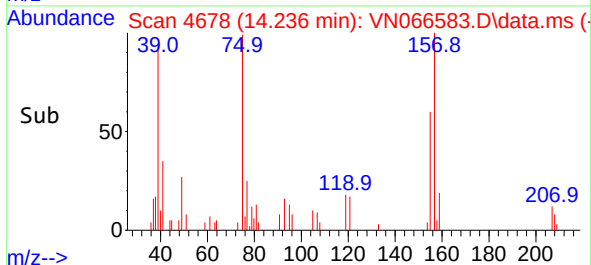
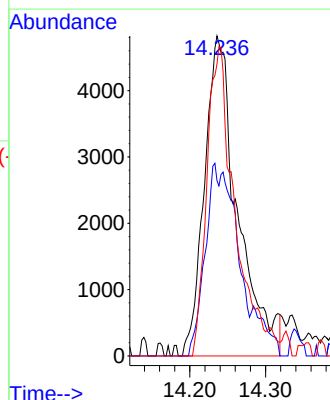
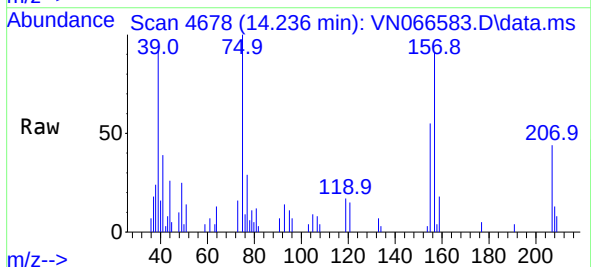
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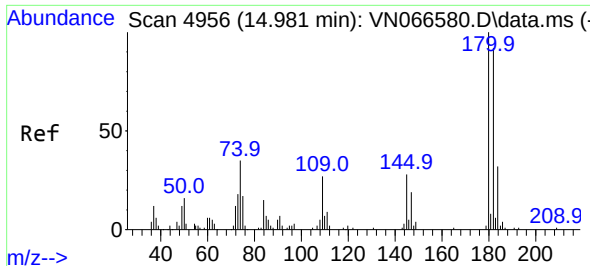


#88

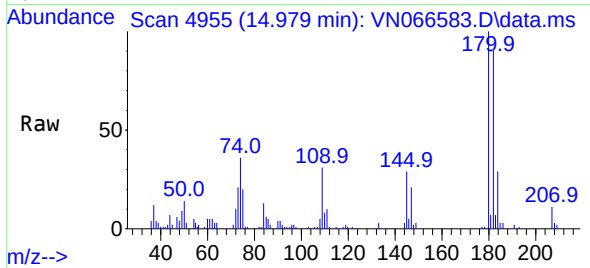
1,2-Dibromo-3-Chloropropane
Concen: 16.15 ug/l m
RT: 14.236 min Scan# 4678
Delta R.T. 0.003 min
Lab File: VN066583.D
Acq: 13 Apr 2021 17:30

Tgt Ion:	75	Resp:	14676
Ion Ratio	Lower	Upper	
75	100		
155	25.4	68.3	102.5#
157	56.4	87.8	131.6#

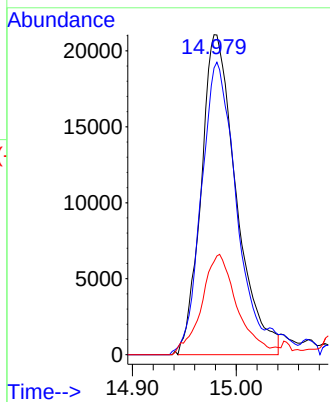
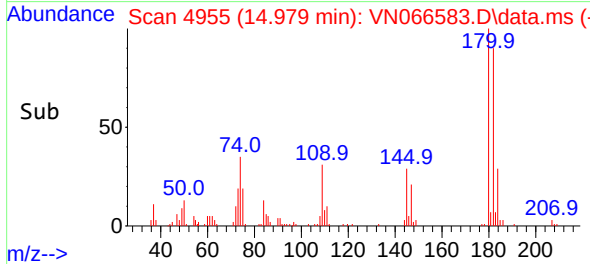




#89
1,2,4-Trichlorobenzene
Concen: 15.45 ug/l
RT: 14.979 min Scan# 4955
Delta R.T. -0.002 min
Lab File: VN066583.D
Acq: 13 Apr 2021 17:30



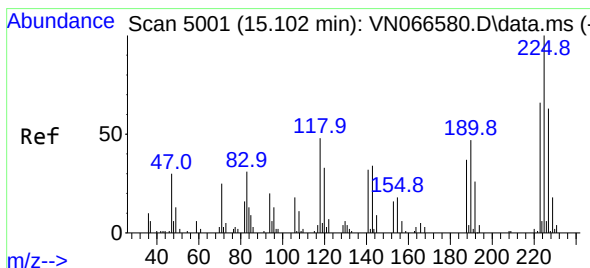
Tgt Ion:180 Resp: 49482
Ion Ratio Lower Upper
180 100
182 89.8 74.3 111.5
145 31.5 23.4 35.0



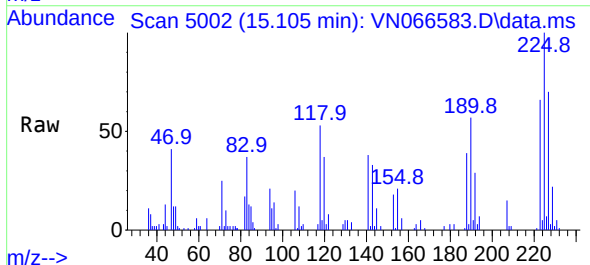
Instrument :
MSVOA_N
ClientSampled :
VN0413WBS01

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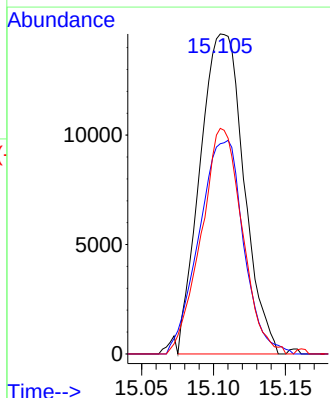
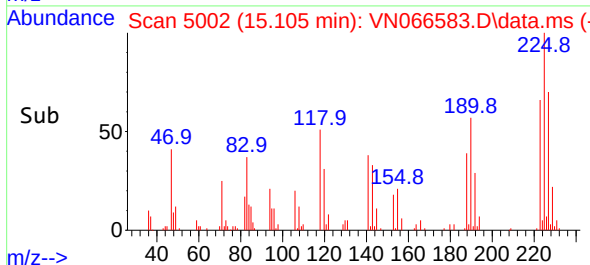
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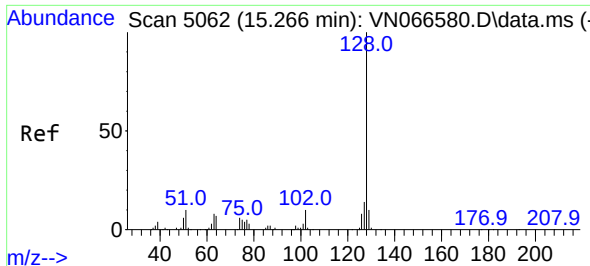


#90
Hexachlorobutadiene
Concen: 17.09 ug/l
RT: 15.105 min Scan# 5002
Delta R.T. -0.002 min
Lab File: VN066583.D
Acq: 13 Apr 2021 17:30



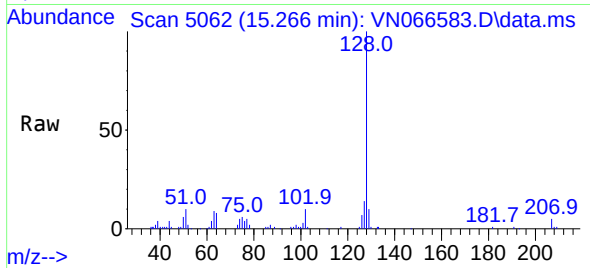
Tgt Ion:225 Resp: 30987
Ion Ratio Lower Upper
225 100
223 67.8 0.0 124.6
227 65.9 0.0 126.6





#91
Naphthalene
Concen: 13.76 ug/l
RT: 15.266 min Scan# 5062
Delta R.T. -0.000 min
Lab File: VN066583.D
Acq: 13 Apr 2021 17:30

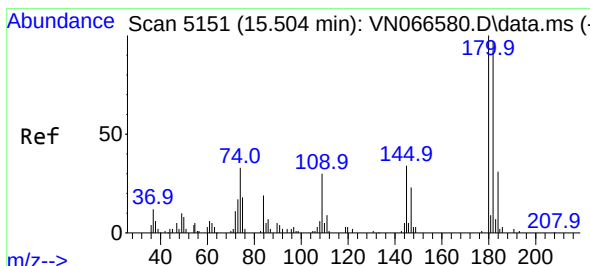
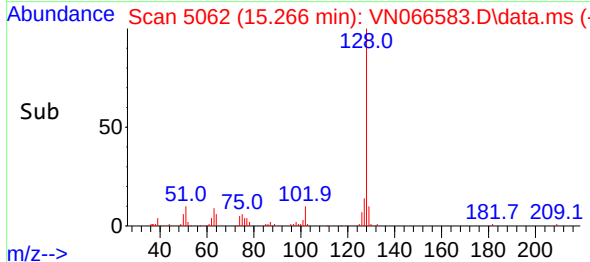
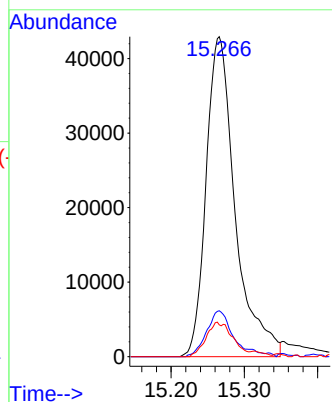
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS01



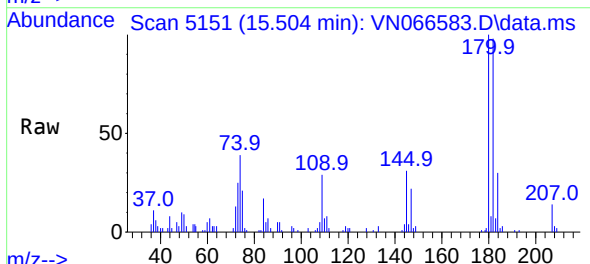
Tgt Ion:128 Resp: 118149
Ion Ratio Lower Upper
128 100
127 12.1 10.2 15.2
129 5.6 8.6 13.0#

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#92
1,2,3-Trichlorobenzene
Concen: 15.47 ug/l
RT: 15.504 min Scan# 5151
Delta R.T. 0.002 min
Lab File: VN066583.D
Acq: 13 Apr 2021 17:30



Tgt Ion:180 Resp: 47891
Ion Ratio Lower Upper
180 100
182 96.4 0.0 190.0
145 33.3 0.0 60.8

