

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021221\
 Data File : VN065831.D
 Acq On : 12 Feb 2021 10:11
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Manual Integrations
 APPROVED

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 2/15/2021 1:31:47 PM

Quant Time: Feb 13 01:00:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N020321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Feb 03 14:50:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.145	128	35502	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.547	114	195770	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.376	117	173338	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.984	65	69226	28.11	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	93.70%		
60) 4-Bromofluorobenzene	12.370	95	83475	29.60	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	98.67%		
63) Toluene-d8	10.055	98	252438	30.29	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	100.97%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.836	85	42207	19.90	ug/l	95
3) Chloromethane	2.039	50	59893	19.25	ug/l	99
4) Vinyl Chloride	2.168	62	61902	20.12	ug/l	97
5) Bromomethane	2.534	94	38505	20.98	ug/l	98
6) Chloroethane	2.676	64	36063	20.31	ug/l	99
7) Trichlorofluoromethane	2.991	101	63332	19.85	ug/l	98
8) Diethyl Ether	3.377	74	29505	20.17	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.711	101	40974	21.02	ug/l	91
10) 1,1-Dichloroethene	3.692	96	42982	20.70	ug/l	97
11) Methyl Iodide	3.901	142	58235	19.91	ug/l	98
12) Methyl Acetate	4.280	43	45064	17.92	ug/l	100
13) Acrolein	3.563	56	39568	117.19	ug/l	99
14) Acrylonitrile	4.933	53	104570	93.58	ug/l	98
15) Acetone	3.775	58	49050	143.46	ug/l	86
16) Carbon Disulfide	4.000	76	121853	18.71	ug/l	98
17) Allyl chloride	4.267	41	71135	18.06	ug/l	96
18) Methylene Chloride	4.495	84	51643	21.11	ug/l	98
19) trans-1,2-Dichloroethene	4.981	96	46149	20.33	ug/l	94
20) Diisopropyl ether	5.904	45	149807	18.85	ug/l	95
21) 1,1-Dichloroethane	5.791	63	85252	19.44	ug/l	99
22) cis-1,2-Dichloroethene	6.775	96	53150	20.38	ug/l	97
23) tert-Butyl Alcohol	4.759	59	34838	87.14	ug/l #	100
24) Methyl tert-Butyl Ether	4.994	73	137367	19.80	ug/l	97
25) Chloroform	7.325	83	78928	19.84	ug/l	96
26) Cyclohexane	7.605	56	76340	18.60	ug/l #	92
29) 1,1-Dichloropropene	7.746	75	64142	20.29	ug/l	97
30) 2-Butanone	6.791	43	155470	109.86	ug/l	99
31) 2,2-Dichloropropane	6.772	77	64748	19.57	ug/l	98
32) 1,1,1-Trichloroethane	7.524	97	62241	19.85	ug/l	99
33) Carbon Tetrachloride	7.727	117	50835	19.62	ug/l	98
34) Benzene	7.997	78	201559	20.64	ug/l	96
35) Methacrylonitrile	7.122	41	25613	17.23	ug/l	99
36) 1,2-Dichloroethane	8.081	62	59376	20.25	ug/l #	90
37) Trichloroethene	8.798	130	50021	21.21	ug/l	92
38) Methylcyclohexane	9.042	83	72324	19.30	ug/l	98
39) 1,2-Dichloropropane	9.081	63	54020	20.36	ug/l	100
40) Dibromomethane	9.171	93	30300	20.15	ug/l	85
41) Bromodichloromethane	9.367	83	58375	19.17	ug/l	98
42) Vinyl Acetate	5.843	43	573757	92.56	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	6.884	43	49718	17.15	ug/l	99
44) Isopropyl Acetate	8.126	43	91153	18.19	ug/l	94
45) 1,4-Dioxane	9.164	88	15615	375.63	ug/l	92
46) Methyl methacrylate	9.164	41	45514	18.95	ug/l	95
47) n-amyl Acetate	12.042	43	72755	17.35	ug/l	99
48) t-1,3-Dichloropropene	10.347	75	68075	18.92	ug/l	98
49) cis-1,3-Dichloropropene	9.804	75	80546	19.76	ug/l	96
50) 1,1,2-Trichloroethane	10.527	97	46786	21.26	ug/l	97
51) Ethyl methacrylate	10.396	69	69526	19.62	ug/l	93
52) 1,3-Dichloropropane	10.675	76	80862	20.52	ug/l	99
53) Dibromochloromethane	10.868	129	44102	19.77	ug/l	99
54) 1,2-Dibromoethane	10.974	107	45847	20.79	ug/l	98
55) 2-Chloroethyl vinyl ether	9.659	63	126577	80.39	ug/l	98
56) Bromoform	12.096	173	25953	18.42	ug/l #	95
58) 4-Methyl-2-Pentanone	9.949	43	270985	94.12	ug/l	98
59) 2-Hexanone	10.720	43	211119	102.44	ug/l	96
61) Tetrachloroethene	10.598	164	48731	21.35	ug/l	91
62) Toluene	10.119	91	213190	21.03	ug/l	99
64) Chlorobenzene	11.402	112	126045	21.08	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.476	131	42109	20.25	ug/l	95
66) Ethyl Benzene	11.479	91	222417	20.50	ug/l	99
67) m/p-Xylenes	11.592	106	171370	42.42	ug/l	97
68) o-Xylene	11.916	106	82954	21.09	ug/l	97
69) Styrene	11.932	104	132852	20.89	ug/l	98
70) Isopropylbenzene	12.219	105	212576	21.04	ug/l	97
71) 1,1,2,2-Tetrachloroethane	12.473	83	60702	20.48	ug/l	99
72) 1,2,3-Trichloropropane	12.524	75	56717m	19.53	ug/l	
73) Bromobenzene	12.495	156	48009	21.09	ug/l	77
74) n-propylbenzene	12.559	91	238323	20.40	ug/l	96
75) 2-Chlorotoluene	12.643	91	145761	20.60	ug/l	93
76) 1,3,5-Trimethylbenzene	12.701	105	174742	20.65	ug/l	98
77) t-1,4-Dichloro-2-butene	12.270	75	18753	16.54	ug/l	96
78) 4-Chlorotoluene	12.743	91	144863	20.58	ug/l	95
79) tert-butylbenzene	12.961	119	140044	20.04	ug/l	98
80) 1,2,4-Trimethylbenzene	13.010	105	176080	20.79	ug/l	99
81) sec-Butylbenzene	13.141	105	186689	20.01	ug/l	97
82) p-Isopropyltoluene	13.257	119	169793	20.43	ug/l	98
83) 1,3-Dichlorobenzene	13.254	146	83825	21.05	ug/l	95
84) 1,4-Dichlorobenzene	13.331	146	81901	20.97	ug/l	97
85) n-Butylbenzene	13.585	91	139028	19.17	ug/l	98
86) Hexachloroethane	13.842	117	26591	18.43	ug/l	72
87) 1,2-Dichlorobenzene	13.624	146	82479	20.72	ug/l	96
88) 1,2-Dibromo-3-Chloropr...	14.241	75	9958	17.43	ug/l #	78
89) 1,2,4-Trichlorobenzene	14.878	180	37564	18.10	ug/l	96
90) Hexachlorobutadiene	14.977	225	17954	19.07	ug/l	98
91) Naphthalene	15.100	128	113610	17.10	ug/l	100
92) 1,2,3-Trichlorobenzene	15.280	180	38205	18.35	ug/l	98

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

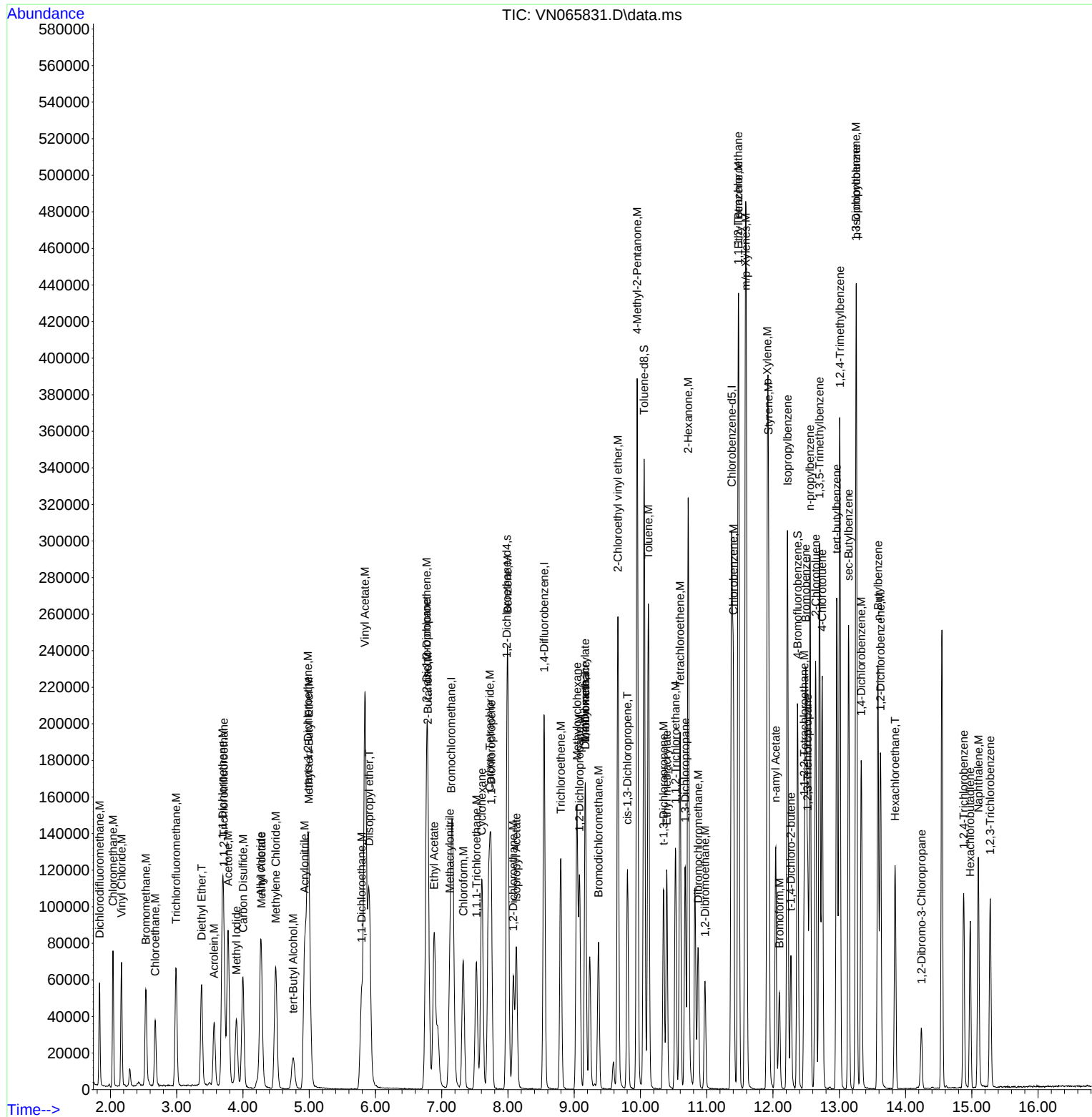
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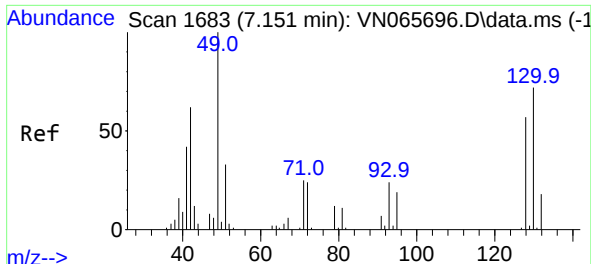
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 Client Sample ID :
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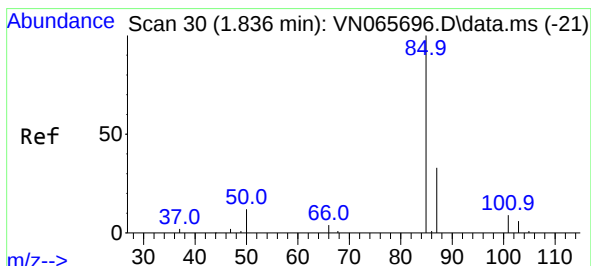
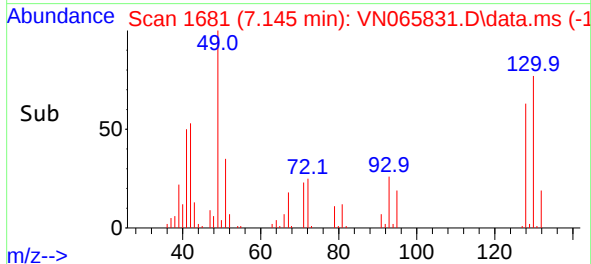
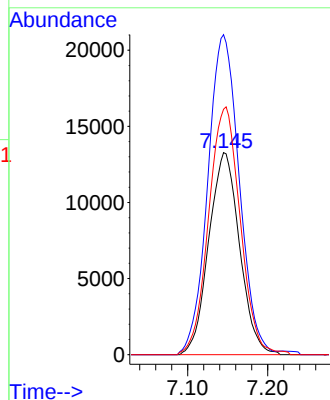
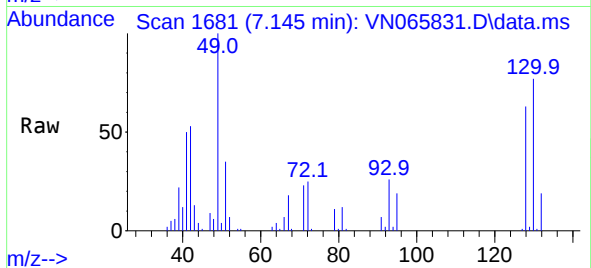
#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.145 min Scan# 1681
Delta R.T. -0.006 min
Lab File: VN065831.D
Acq: 12 Feb 2021 10:11

Tgt Ion:128 Resp: 35502
Ion Ratio Lower Upper
128 100
49 161.8 0.0 355.0
130 125.8 0.0 325.5

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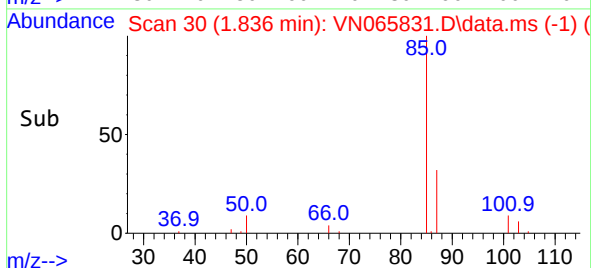
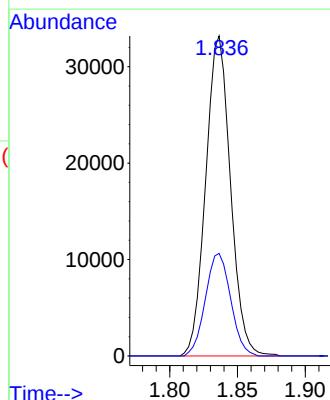
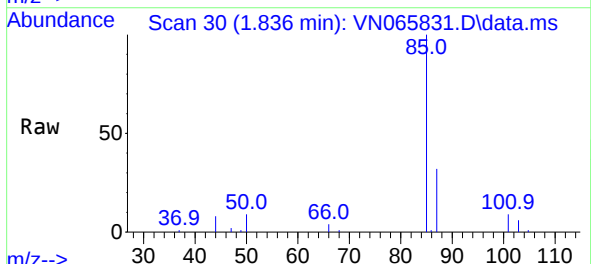
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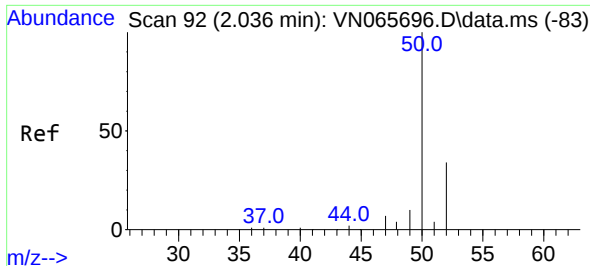
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#2
Dichlorodifluoromethane
Concen: 19.90 ug/l
RT: 1.836 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN065831.D
Acq: 12 Feb 2021 10:11

Tgt Ion: 85 Resp: 42207
Ion Ratio Lower Upper
85 100
87 32.1 14.6 43.8





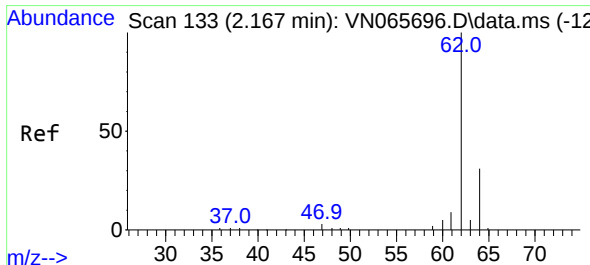
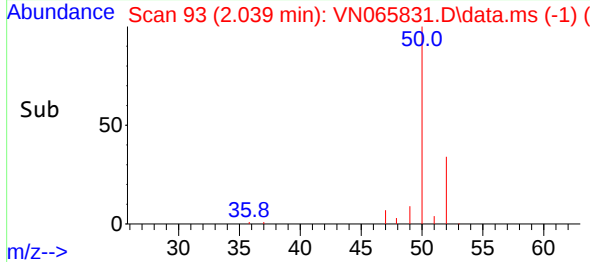
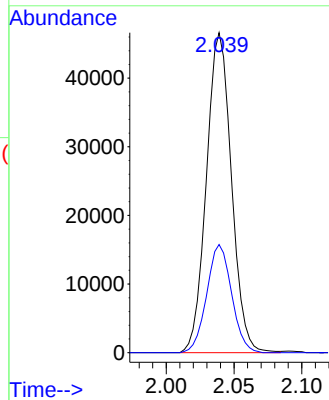
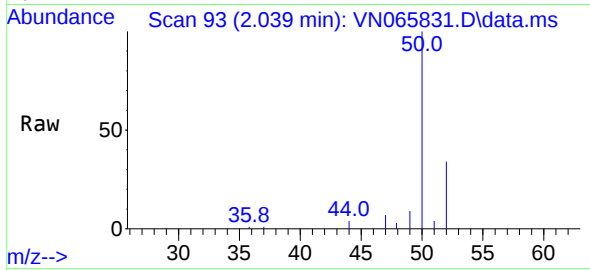
#3
Chloromethane
Concen: 19.25 ug/l
RT: 2.039 min Scan# 93
Delta R.T. 0.003 min
Lab File: VN065831.D
Acq: 12 Feb 2021 10:11

Tgt Ion: 50 Resp: 59893
Ion Ratio Lower Upper
50 100
52 33.8 26.8 40.2

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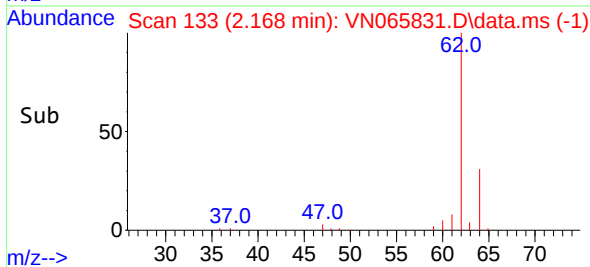
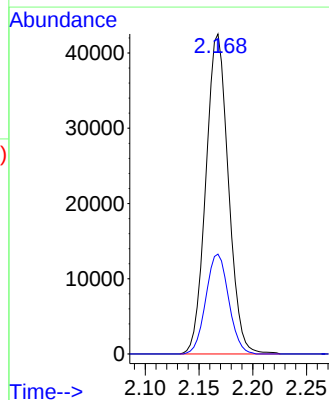
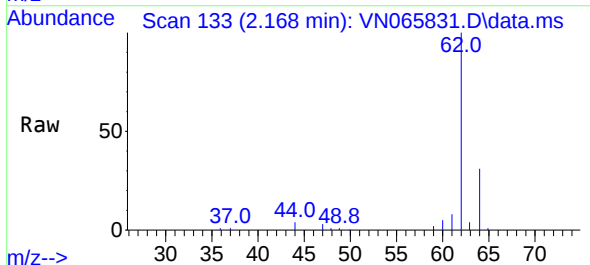
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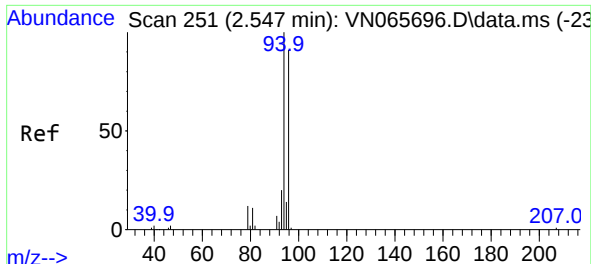
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#4
Vinyl Chloride
Concen: 20.12 ug/l
RT: 2.168 min Scan# 133
Delta R.T. 0.000 min
Lab File: VN065831.D
Acq: 12 Feb 2021 10:11

Tgt Ion: 62 Resp: 61902
Ion Ratio Lower Upper
62 100
64 31.2 26.2 39.4





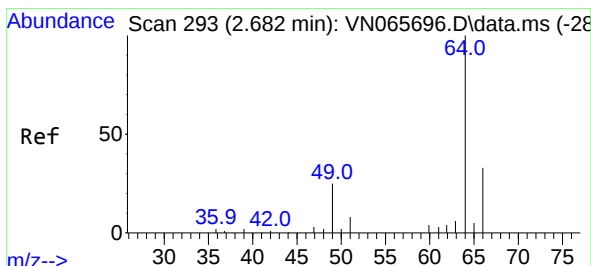
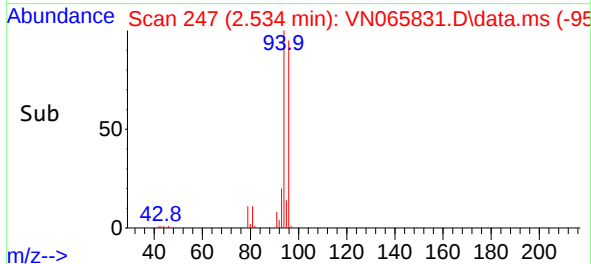
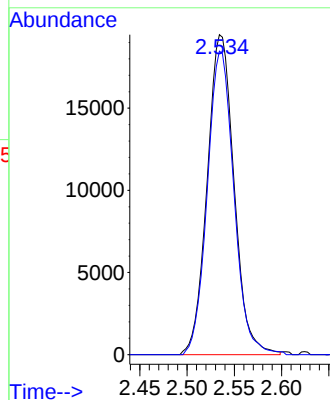
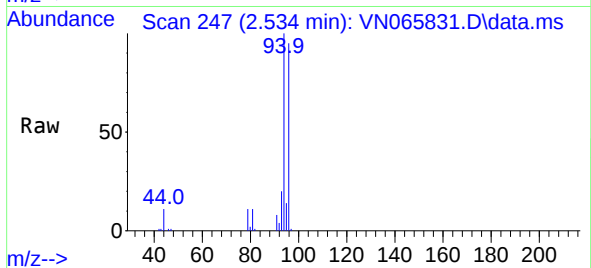
#5
Bromomethane
Concen: 20.98 ug/l
RT: 2.534 min Scan# 247
Delta R.T. -0.013 min
Lab File: VN065831.D
Acq: 12 Feb 2021 10:11

Tgt Ion: 94 Resp: 38505
Ion Ratio Lower Upper
94 100
96 94.9 74.6 111.8

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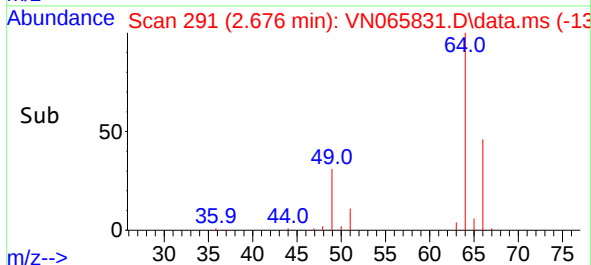
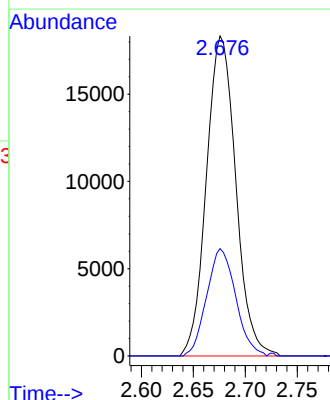
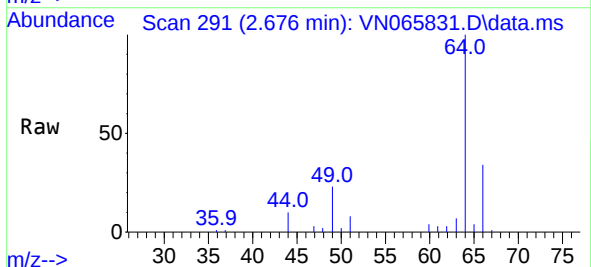
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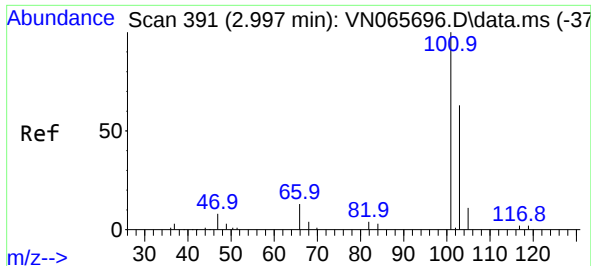
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#6
Chloroethane
Concen: 20.31 ug/l
RT: 2.676 min Scan# 291
Delta R.T. -0.006 min
Lab File: VN065831.D
Acq: 12 Feb 2021 10:11

Tgt Ion: 64 Resp: 36063
Ion Ratio Lower Upper
64 100
66 33.5 26.3 39.5





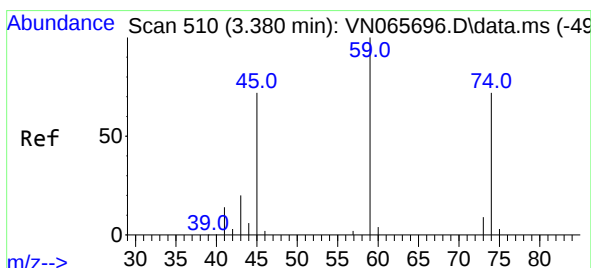
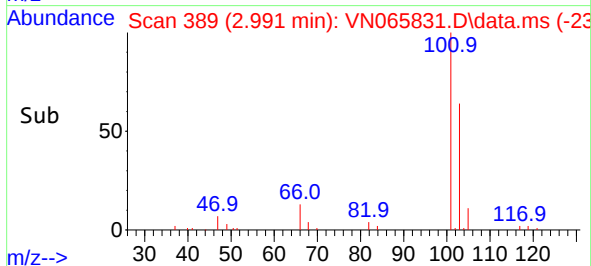
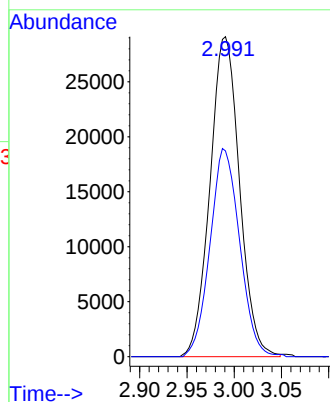
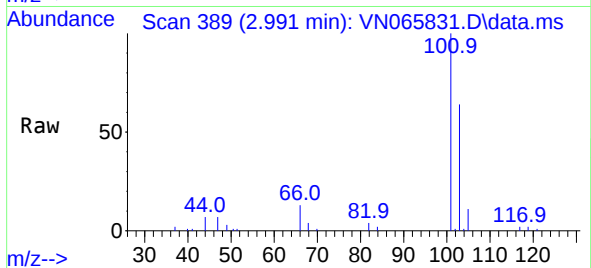
#7
Trichlorofluoromethane
Concen: 19.85 ug/l
RT: 2.991 min Scan# 389
Delta R.T. -0.006 min
Lab File: VN065831.D
Acq: 12 Feb 2021 10:11

Tgt Ion:101 Resp: 63332
Ion Ratio Lower Upper
101 100
103 64.3 52.6 78.8

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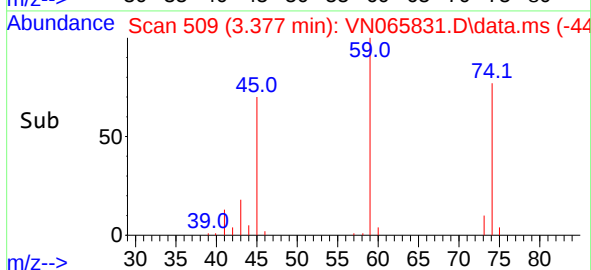
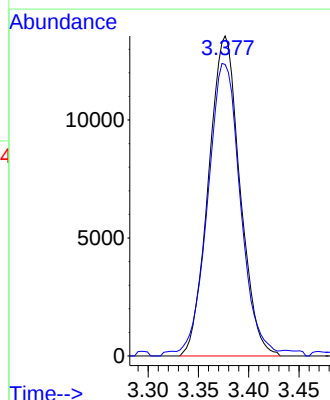
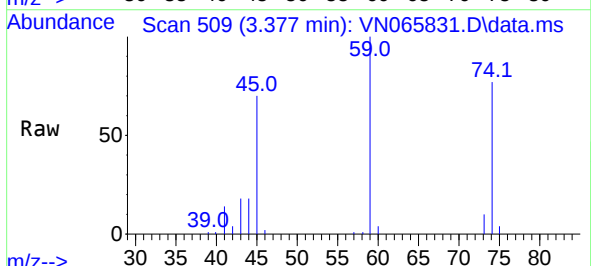
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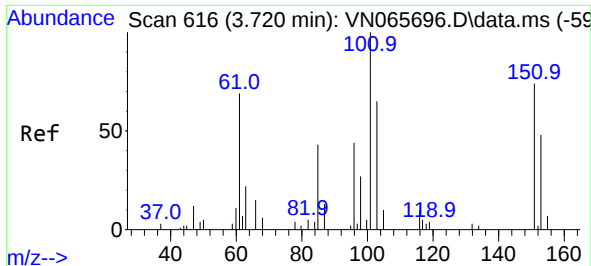
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#8
Diethyl Ether
Concen: 20.17 ug/l
RT: 3.377 min Scan# 509
Delta R.T. -0.003 min
Lab File: VN065831.D
Acq: 12 Feb 2021 10:11

Tgt Ion: 74 Resp: 29505
Ion Ratio Lower Upper
74 100
45 92.3 18.5 166.9





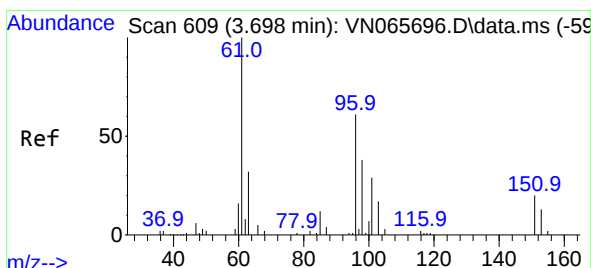
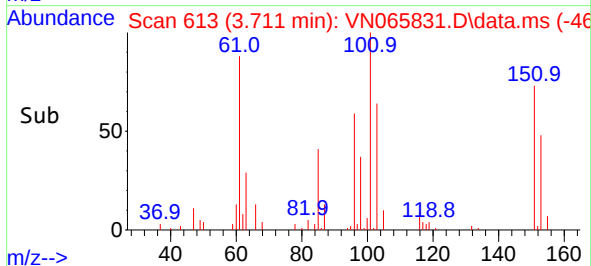
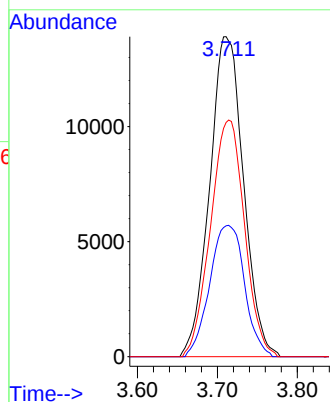
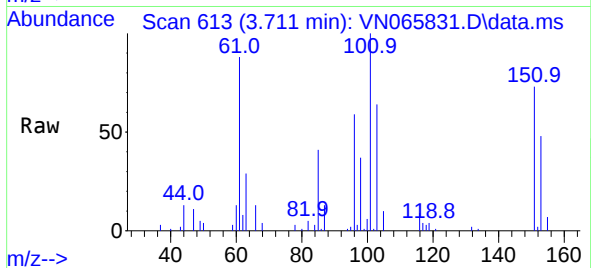
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.02 ug/l
RT: 3.711 min Scan# 613
Delta R.T. -0.010 min
Lab File: VN065831.D
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Tgt Ion: 101 Resp: 40974
Ion Ratio Lower Upper
101 100
85 42.1 0.0 80.6
151 74.2 0.0 169.2

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ClientSampleId :
VSTDCCC020

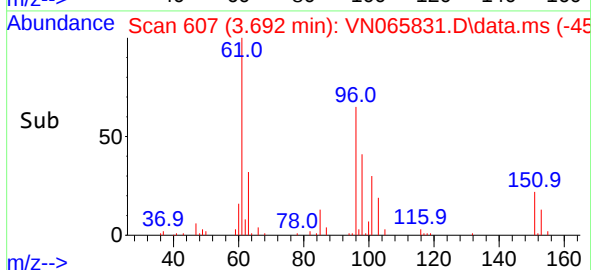
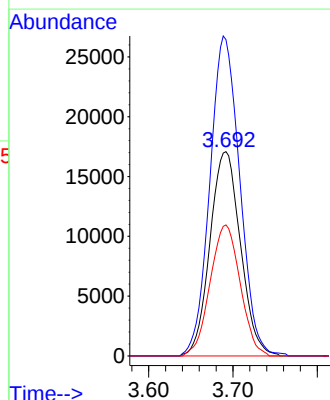
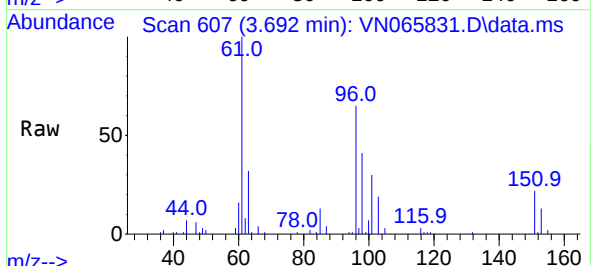
Manual Integrations
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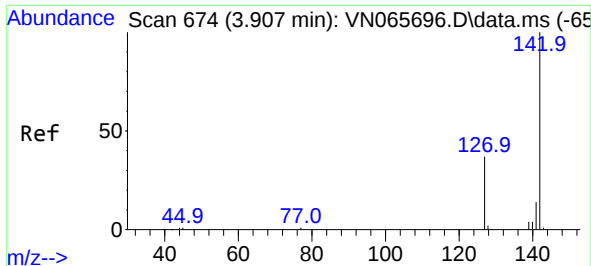
MMDadoda
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#10
1,1-Dichloroethene
Concen: 20.70 ug/l
RT: 3.692 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN065831.D
Acq: 12 Feb 2021 10:11

Tgt Ion: 96 Resp: 42982
Ion Ratio Lower Upper
96 100
61 154.8 119.9 179.9
98 64.2 51.2 76.8





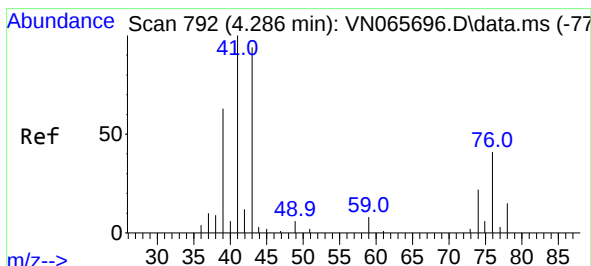
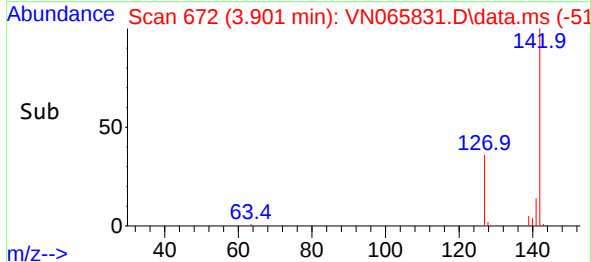
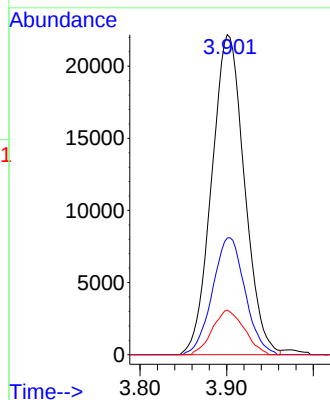
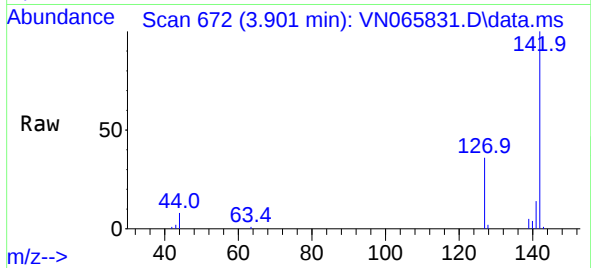
#11
Methyl Iodide
Concen: 19.91 ug/l
RT: 3.901 min Scan# 672
Delta R.T. -0.006 min
Lab File: VN065831.D
Acq: 12 Feb 2021 10:11

Tgt Ion: 142 Resp: 58235
Ion Ratio Lower Upper
142 100
127 36.7 19.1 57.5
141 14.0 7.0 20.9

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

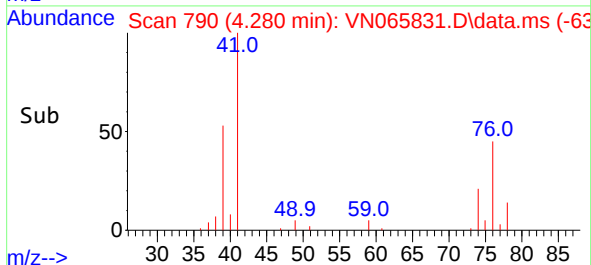
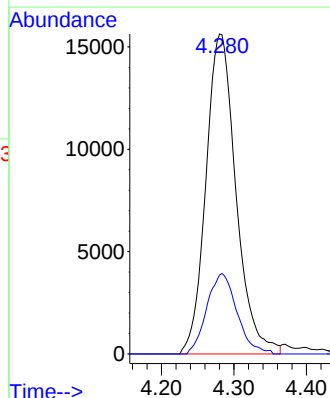
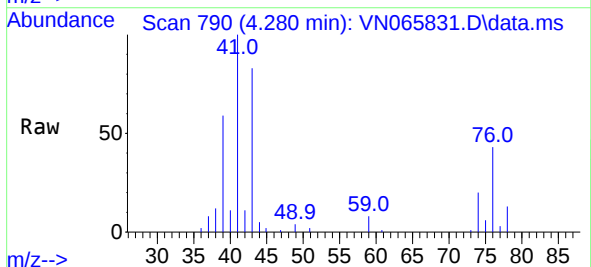
Manual Integrations
APPROVED

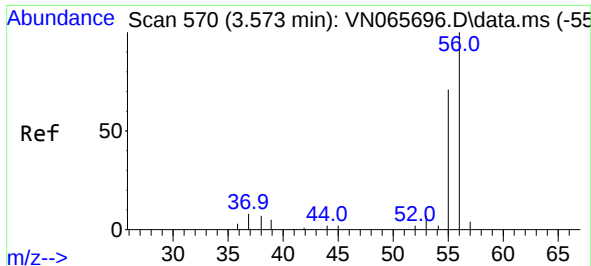
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#12
Methyl Acetate
Concen: 17.92 ug/l
RT: 4.280 min Scan# 790
Delta R.T. -0.006 min
Lab File: VN065831.D
Acq: 12 Feb 2021 10:11

Tgt Ion: 43 Resp: 45064
Ion Ratio Lower Upper
43 100
74 25.0 19.9 29.9





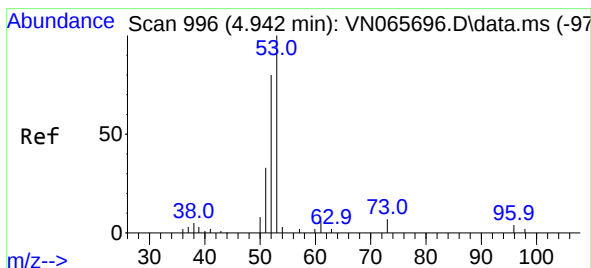
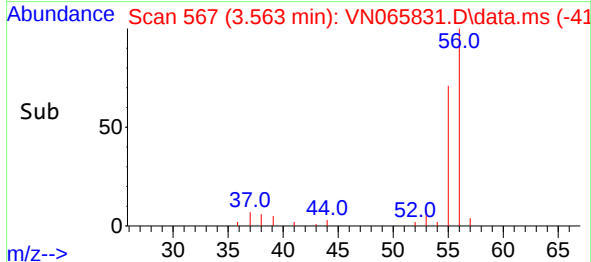
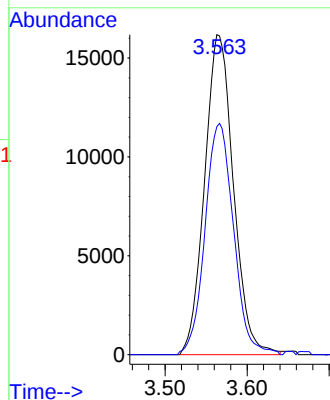
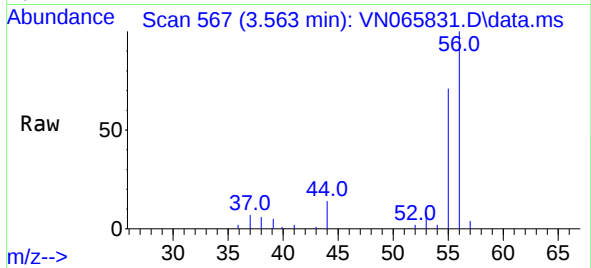
#13
Acrolein
Concen: 117.19 ug/l
RT: 3.563 min Scan# 567
Delta R.T. -0.010 min
Lab File: VN065831.D
Acq: 12 Feb 2021 10:11

Tgt Ion: 56 Resp: 39568
Ion Ratio Lower Upper
56 100
55 71.4 57.7 86.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

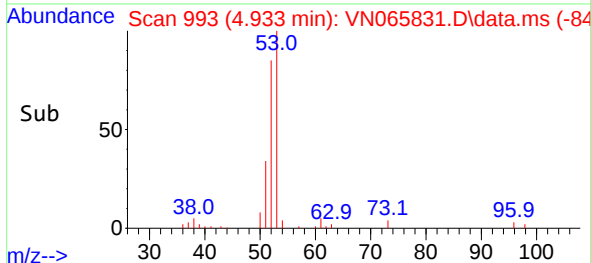
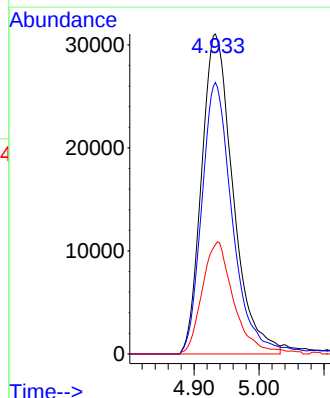
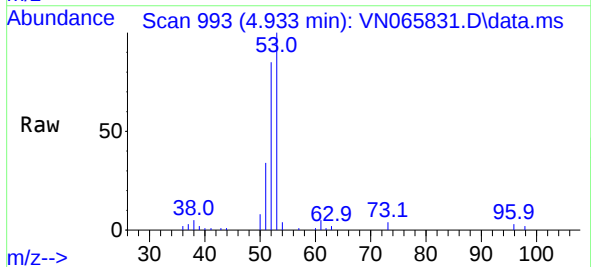
Manual Integrations
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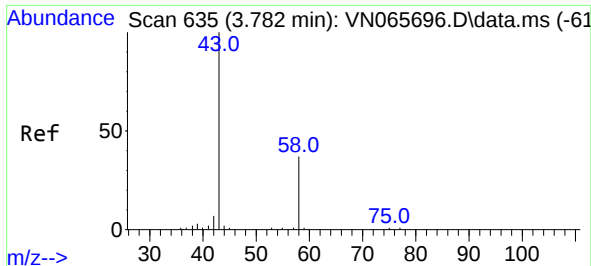
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#14
Acrylonitrile
Concen: 93.58 ug/l
RT: 4.933 min Scan# 993
Delta R.T. -0.010 min
Lab File: VN065831.D
Acq: 12 Feb 2021 10:11

Tgt Ion: 53 Resp: 104570
Ion Ratio Lower Upper
53 100
52 82.0 40.7 122.1
51 34.5 18.3 54.8





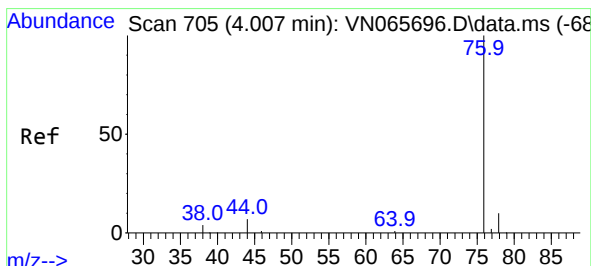
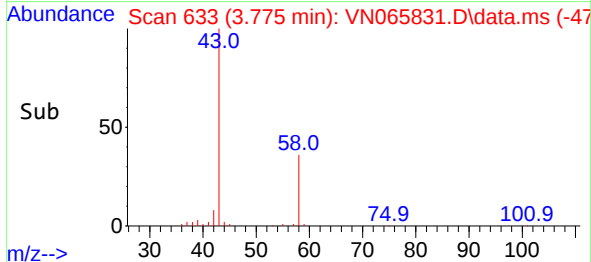
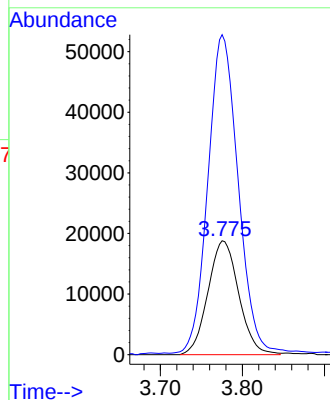
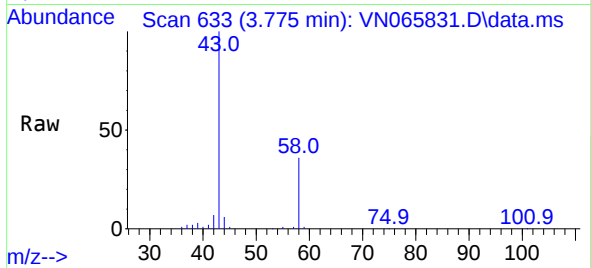
#15
Acetone
Concen: 143.46 ug/l
RT: 3.775 min Scan# 633
Delta R.T. -0.006 min
Lab File: VN065831.D
Acq: 12 Feb 2021 10:11

Tgt Ion: 58 Resp: 49050
Ion Ratio Lower Upper
58 100
43 278.2 203.4 305.0

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020

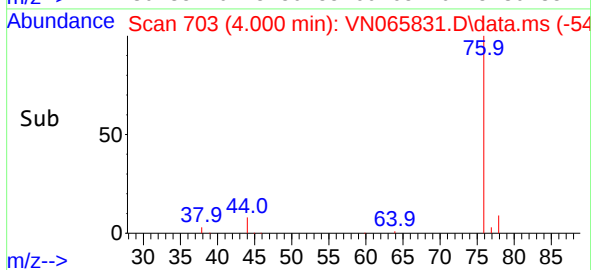
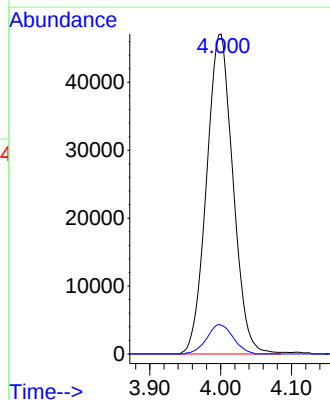
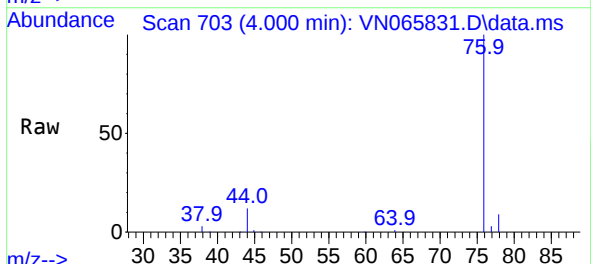
Manual Integrations
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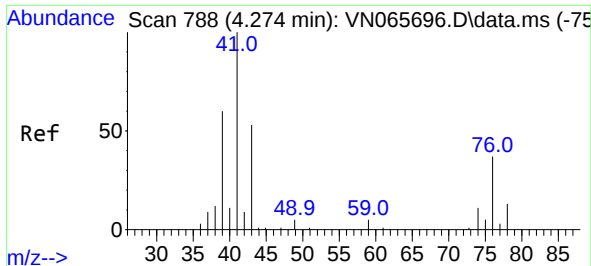
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#16
Carbon Disulfide
Concen: 18.71 ug/l
RT: 4.000 min Scan# 703
Delta R.T. -0.006 min
Lab File: VN065831.D
Acq: 12 Feb 2021 10:11

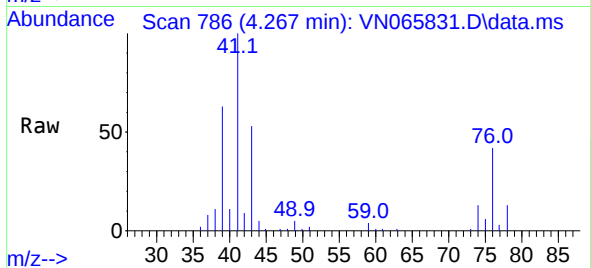
Tgt Ion: 76 Resp: 121853
Ion Ratio Lower Upper
76 100
78 9.1 7.8 11.8





#17
 Allyl chloride
 Concen: 18.06 ug/l
 RT: 4.267 min Scan# 786
 Delta R.T. -0.006 min
 Lab File: VN065831.D
 Acq: 12 Feb 2021 10:11

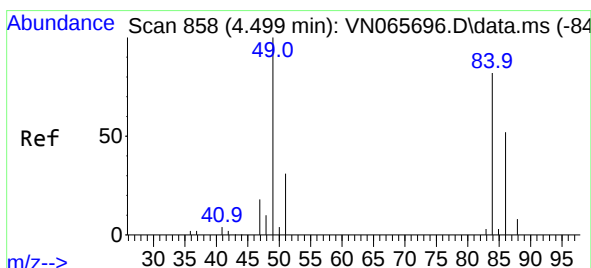
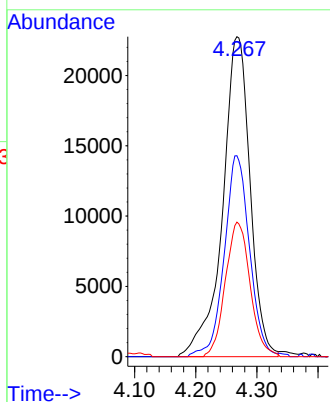
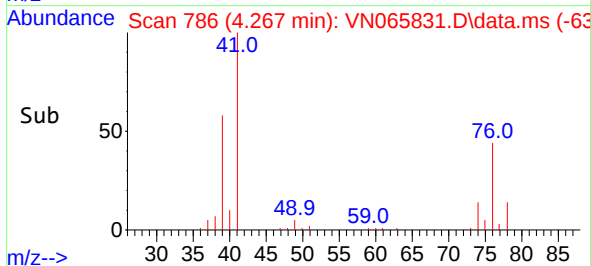
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020



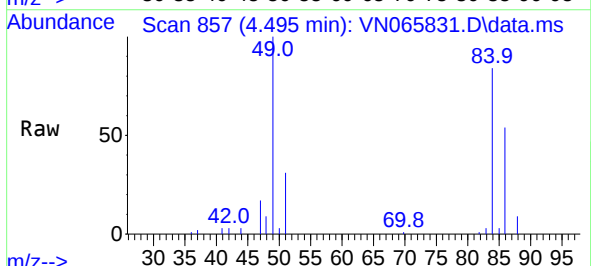
Tgt Ion: 41 Resp: 71135
 Ion Ratio Lower Upper
 41 100
 39 62.8 33.5 100.5
 76 42.0 20.3 60.8

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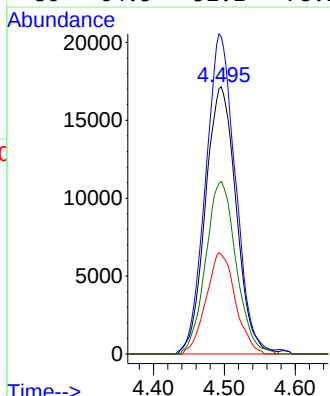
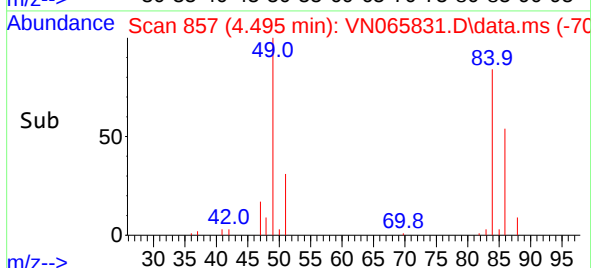
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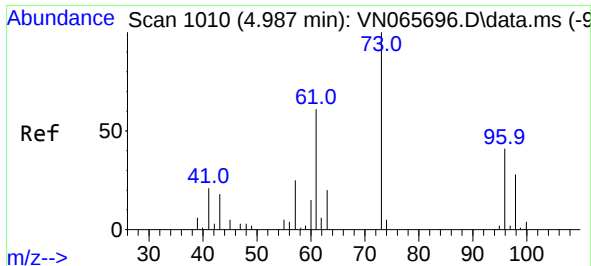


#18
 Methylene Chloride
 Concen: 21.11 ug/l
 RT: 4.495 min Scan# 857
 Delta R.T. -0.003 min
 Lab File: VN065831.D
 Acq: 12 Feb 2021 10:11



Tgt Ion: 84 Resp: 51643
 Ion Ratio Lower Upper
 84 100
 49 117.7 91.3 136.9
 51 37.3 28.8 43.2
 86 64.5 52.1 78.1





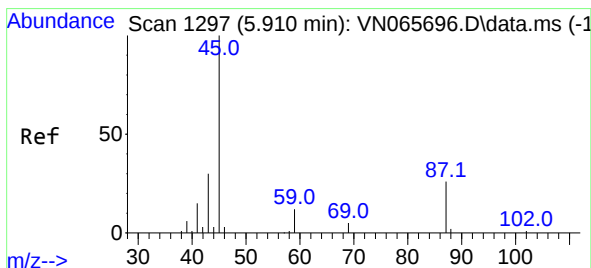
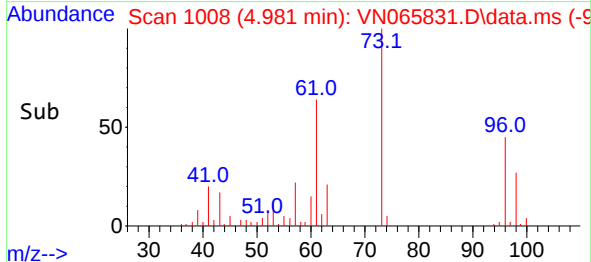
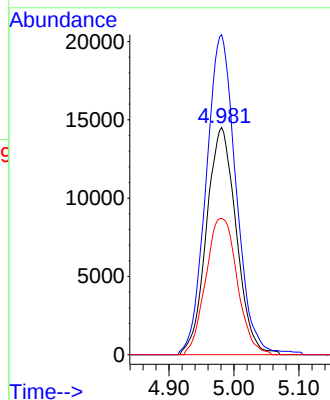
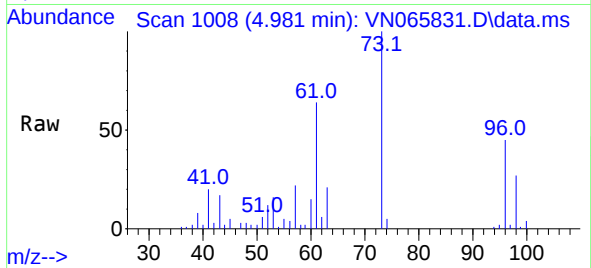
#19
trans-1,2-Dichloroethene
Concen: 20.33 ug/l
RT: 4.981 min Scan# 1008
Delta R.T. -0.006 min
Lab File: VN065831.D
Acq: 12 Feb 2021 10:11

Tgt Ion:	96	Resp:	46149
Ion	Ratio	Lower	Upper
96	100		
61	139.3	106.2	159.2
98	60.0	52.4	78.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

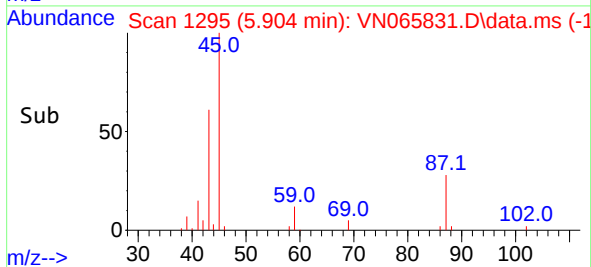
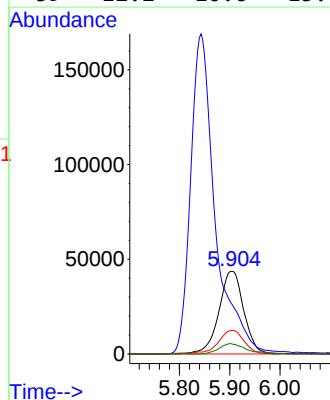
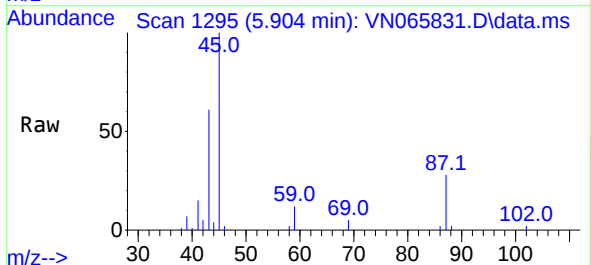
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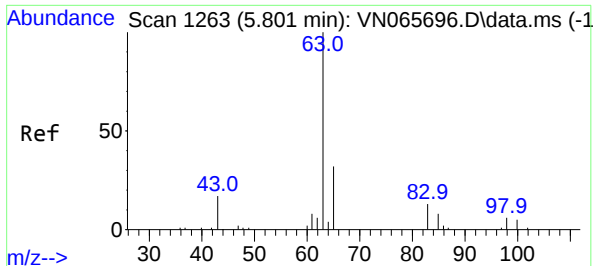
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#20
Diisopropyl ether
Concen: 18.85 ug/l
RT: 5.904 min Scan# 1295
Delta R.T. -0.006 min
Lab File: VN065831.D
Acq: 12 Feb 2021 10:11

Tgt Ion:	45	Resp:	149807
Ion	Ratio	Lower	Upper
45	100		
43	57.8	50.4	75.6
87	28.5	24.5	36.7
59	12.2	10.6	15.8





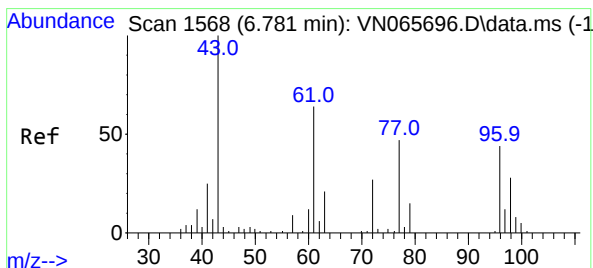
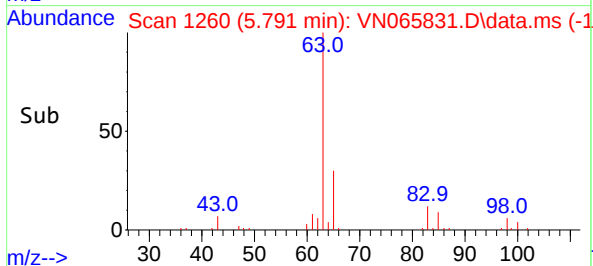
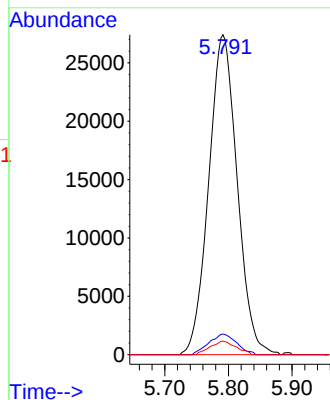
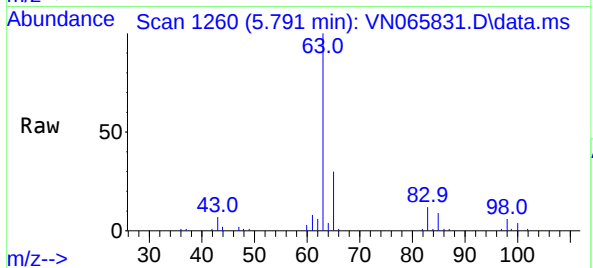
#21
1,1-Dichloroethane
Concen: 19.44 ug/l
RT: 5.791 min Scan# 1260
Delta R.T. -0.010 min
Lab File: VN065831.D
Acq: 12 Feb 2021 10:11

Tgt Ion:	63	Resp:	85252
Ion Ratio	Lower	Upper	
63	100		
98	6.5	3.3	9.9
100	4.2	2.3	6.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

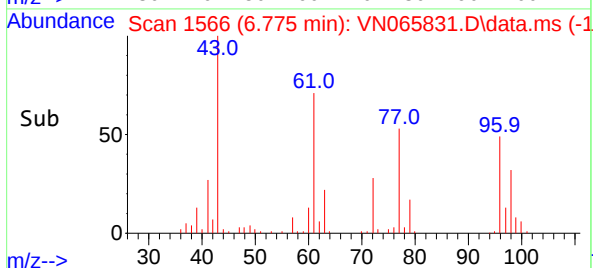
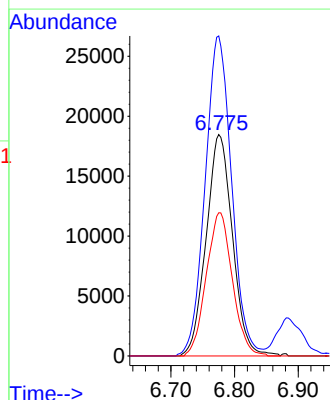
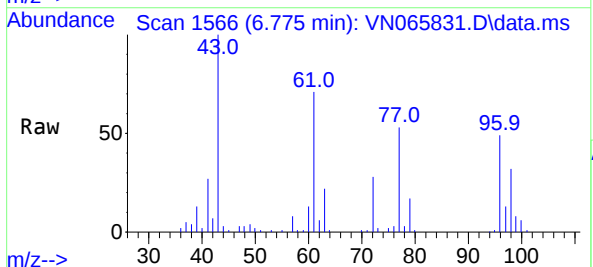
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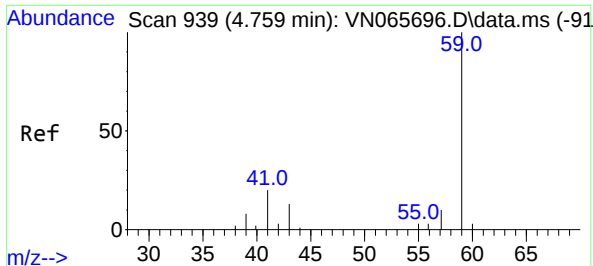
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#22
cis-1,2-Dichloroethene
Concen: 20.38 ug/l
RT: 6.775 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VN065831.D
Acq: 12 Feb 2021 10:11

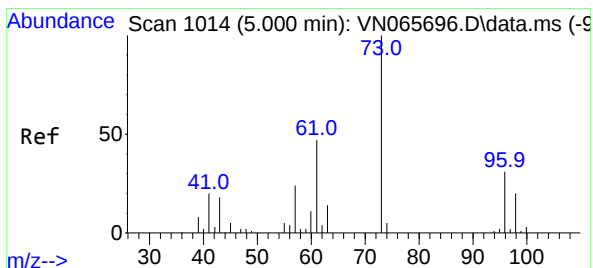
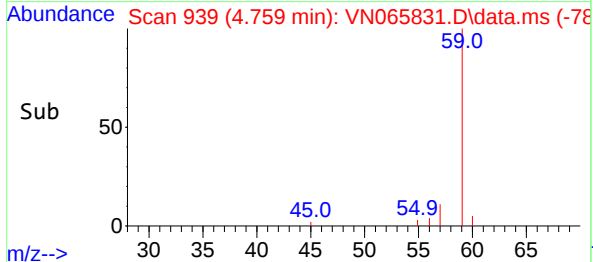
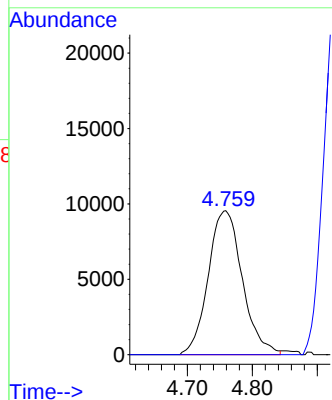
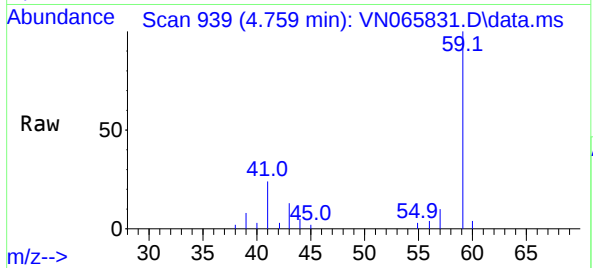
Tgt Ion:	96	Resp:	53150
Ion Ratio	Lower	Upper	
96	100		
61	145.3	112.5	168.7
98	64.1	52.2	78.2





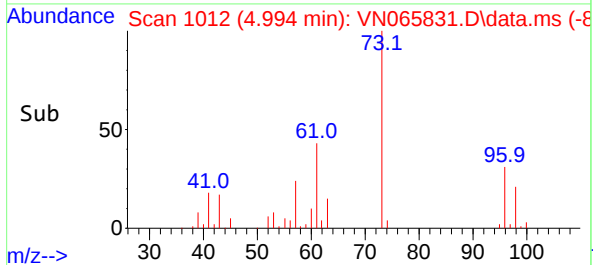
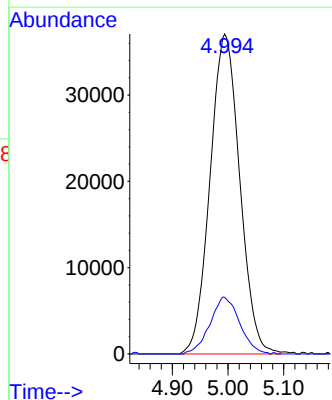
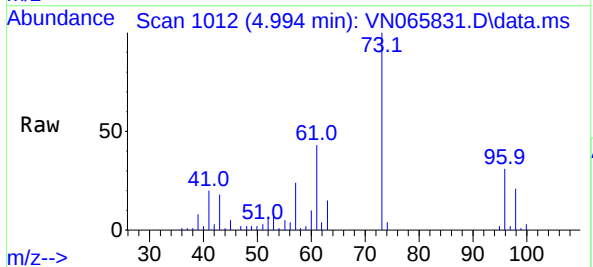
#23
tert-Butyl Alcohol
Concen: 87.14 ug/l
RT: 4.759 min Scan# 939
Delta R.T. 0.000 min
Lab File: VN065831.D
Acq: 12 Feb 2021 10:11

Tgt Ion: 59 Resp: 34838
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 19.80 ug/l
RT: 4.994 min Scan# 1012
Delta R.T. -0.006 min
Lab File: VN065831.D
Acq: 12 Feb 2021 10:11

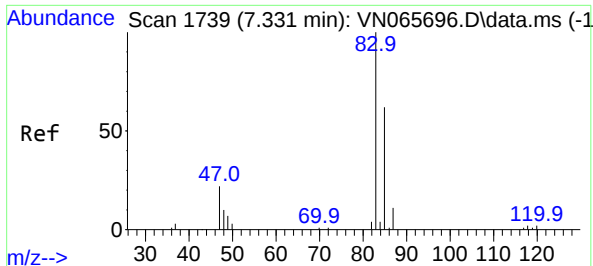
Tgt Ion: 73 Resp: 137367
Ion Ratio Lower Upper
73 100
43 17.8 15.4 23.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Manual Integrations
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#25

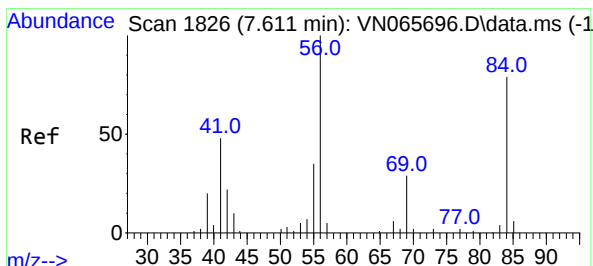
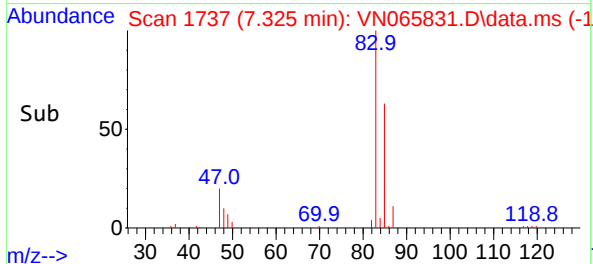
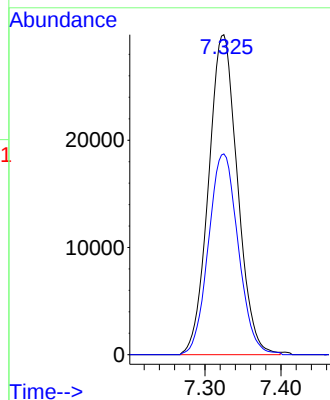
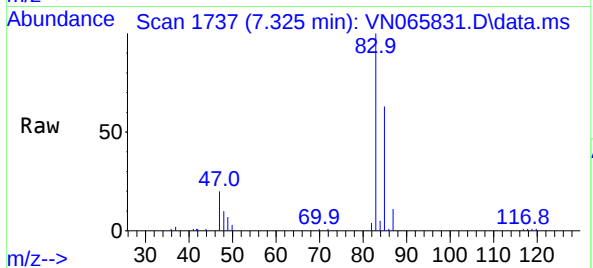
Chloroform
Concen: 19.84 ug/l
RT: 7.325 min Scan# 1737
Delta R.T. -0.006 min
Lab File: VN065831.D
Acq: 12 Feb 2021 10:11

Tgt Ion: 83 Resp: 78928
Ion Ratio Lower Upper
83 100
85 62.7 53.0 79.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Manual Integrations
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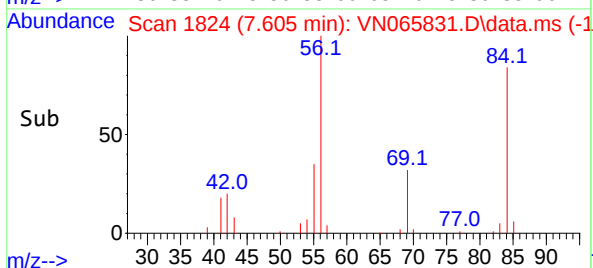
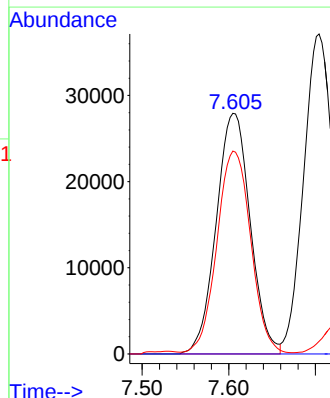
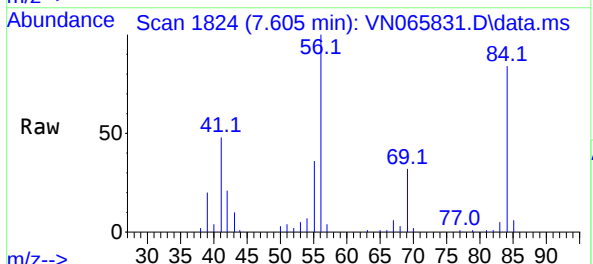
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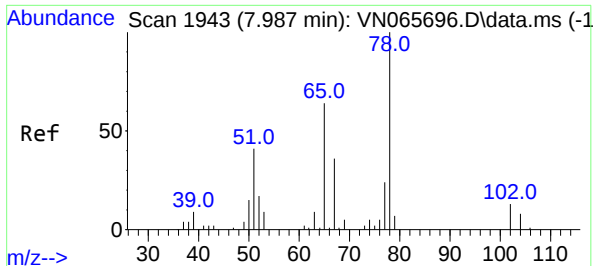


#26

Cyclohexane
Concen: 18.60 ug/l
RT: 7.605 min Scan# 1824
Delta R.T. -0.006 min
Lab File: VN065831.D
Acq: 12 Feb 2021 10:11

Tgt Ion: 56 Resp: 76340
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 83.0 72.8 109.2





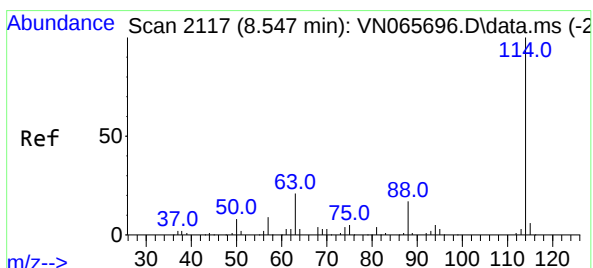
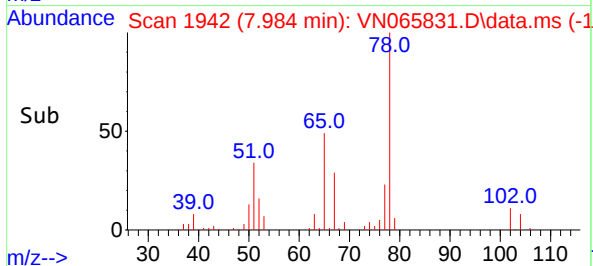
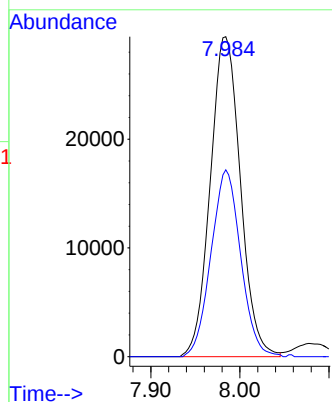
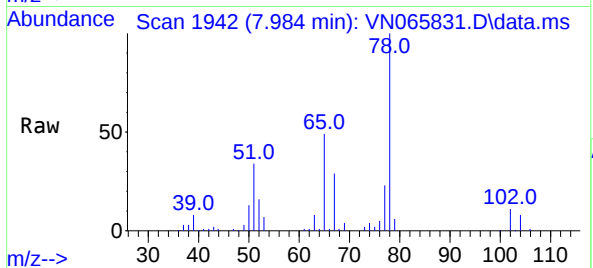
#27
1,2-Dichloroethane-d4
Concen: 28.11 ug/l
RT: 7.984 min Scan# 1942
Delta R.T. -0.003 min
Lab File: VN065831.D
Acq: 12 Feb 2021 10:11

Tgt Ion: 65 Resp: 69226
Ion Ratio Lower Upper
65 100
67 57.5 42.8 64.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

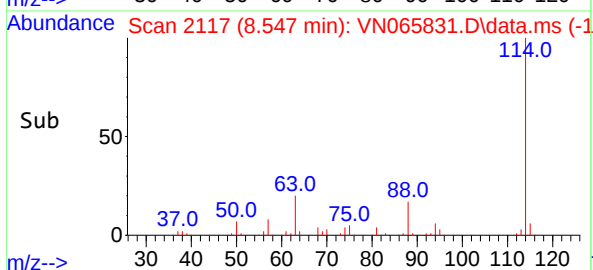
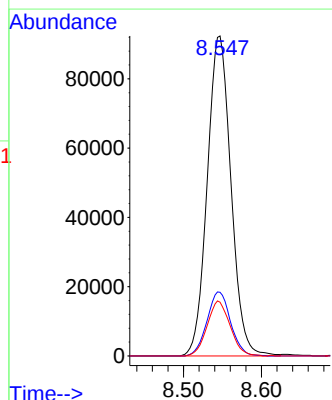
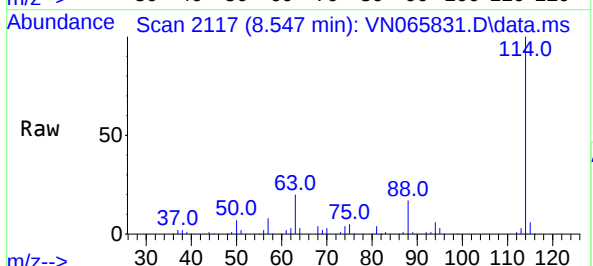
Manual Integrations
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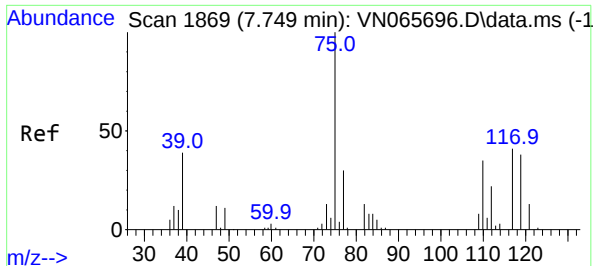
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#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 8.547 min Scan# 2117
Delta R.T. 0.000 min
Lab File: VN065831.D
Acq: 12 Feb 2021 10:11

Tgt Ion: 114 Resp: 195770
Ion Ratio Lower Upper
114 100
63 19.9 14.7 22.1
88 16.7 11.7 17.5





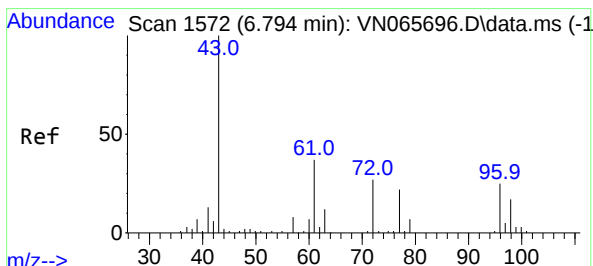
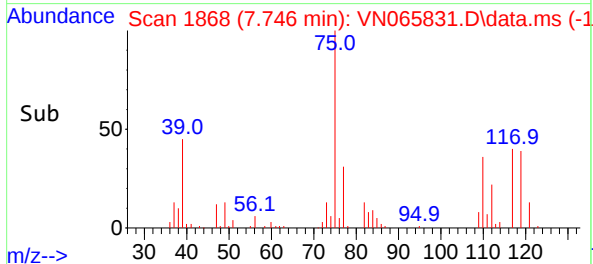
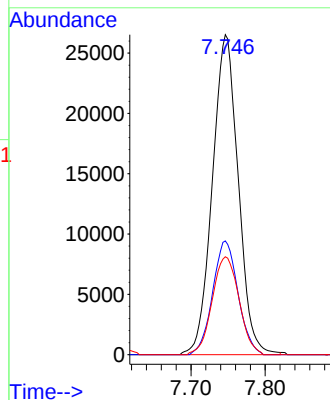
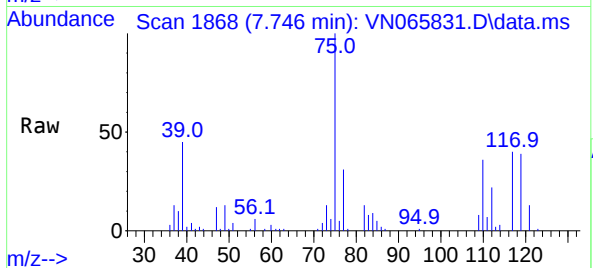
#29
1,1-Dichloropropene
Concen: 20.29 ug/l
RT: 7.746 min Scan# 1868
Delta R.T. -0.003 min
Lab File: VN065831.D
Acq: 12 Feb 2021 10:11

Tgt Ion: 75 Resp: 64142
Ion Ratio Lower Upper
75 100
110 34.9 0.0 74.2
77 31.8 0.0 61.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

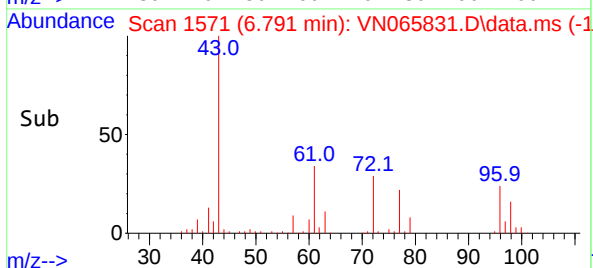
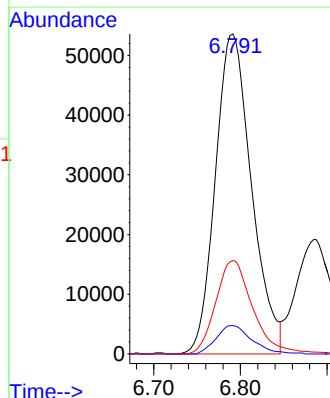
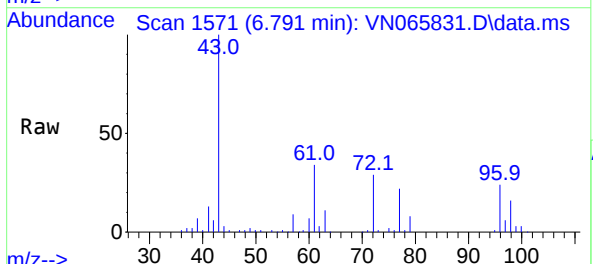
Manual Integrations
APPROVED

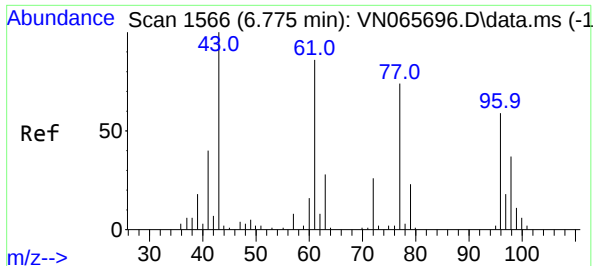
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#30
2-Butanone
Concen: 109.86 ug/l
RT: 6.791 min Scan# 1571
Delta R.T. -0.003 min
Lab File: VN065831.D
Acq: 12 Feb 2021 10:11

Tgt Ion: 43 Resp: 155470
Ion Ratio Lower Upper
43 100
57 8.7 7.0 10.4
72 30.0 23.6 35.4





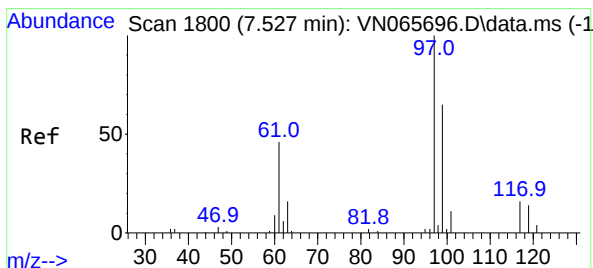
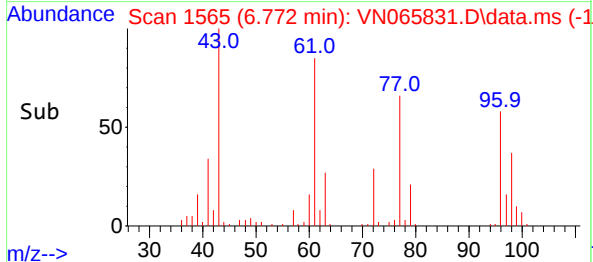
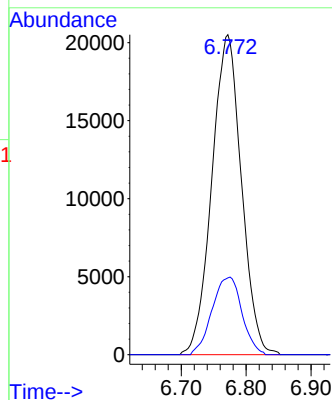
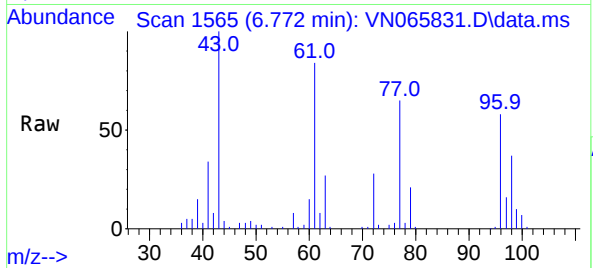
#31
2,2-Dichloropropane
Concen: 19.57 ug/l
RT: 6.772 min Scan# 1565
Delta R.T. -0.003 min
Lab File: VN065831.D
Acq: 12 Feb 2021 10:11

Tgt Ion: 77 Resp: 64748
Ion Ratio Lower Upper
77 100
97 24.5 19.0 28.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

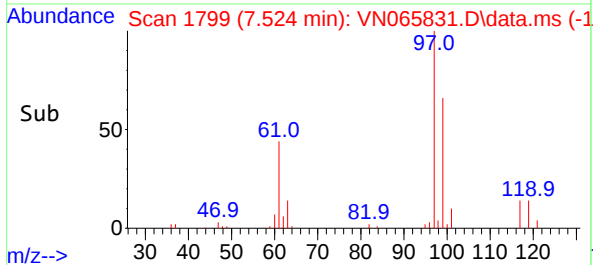
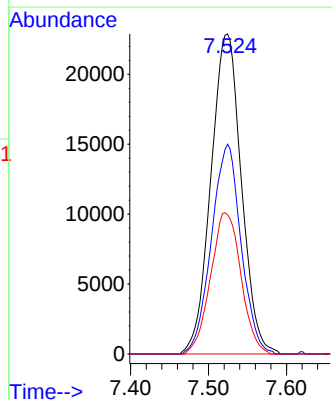
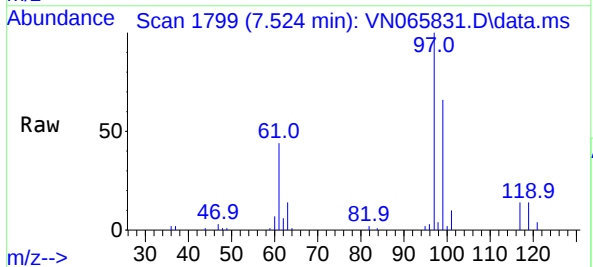
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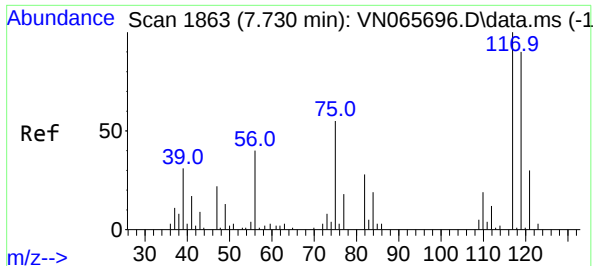
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#32
1,1,1-Trichloroethane
Concen: 19.85 ug/l
RT: 7.524 min Scan# 1799
Delta R.T. -0.003 min
Lab File: VN065831.D
Acq: 12 Feb 2021 10:11

Tgt Ion: 97 Resp: 62241
Ion Ratio Lower Upper
97 100
99 63.7 51.5 77.3
61 44.0 34.7 52.1





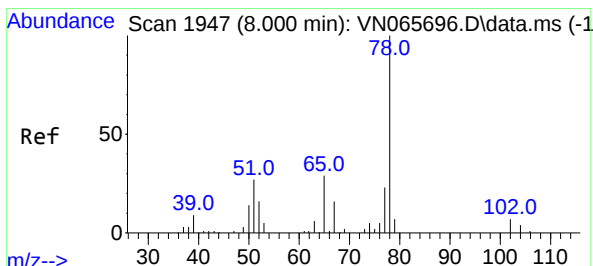
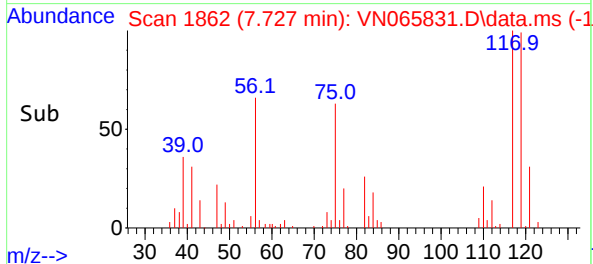
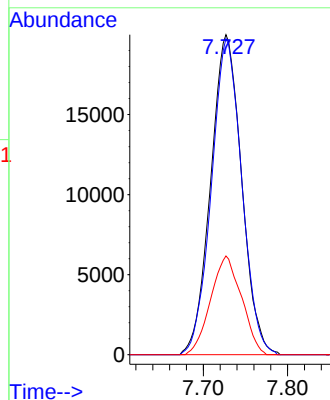
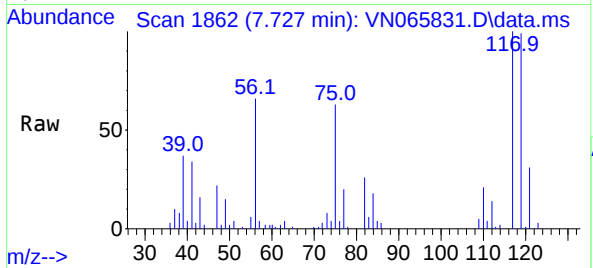
#33
Carbon Tetrachloride
Concen: 19.62 ug/l
RT: 7.727 min Scan# 1862
Delta R.T. -0.003 min
Lab File: VN065831.D
Acq: 12 Feb 2021 10:11

Tgt Ion:117 Resp: 50835
Ion Ratio Lower Upper
117 100
119 98.8 77.0 115.4
121 30.8 24.8 37.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

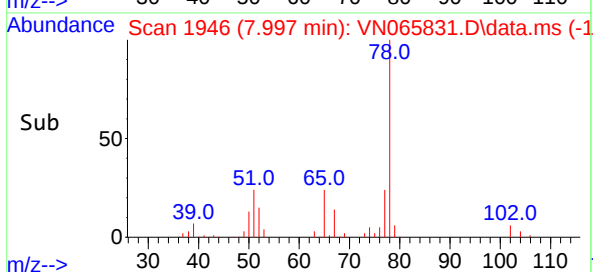
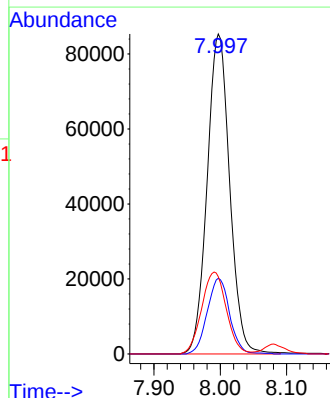
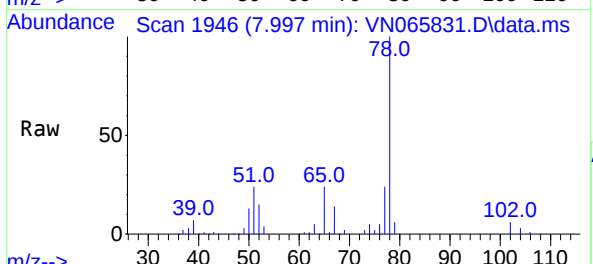
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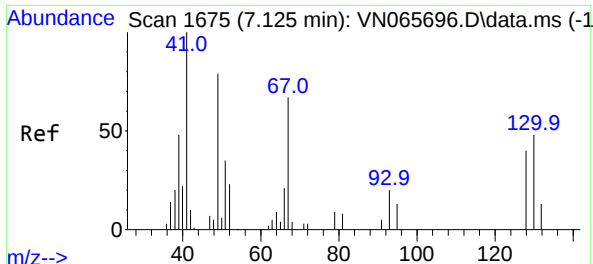
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#34
Benzene
Concen: 20.64 ug/l
RT: 7.997 min Scan# 1946
Delta R.T. -0.003 min
Lab File: VN065831.D
Acq: 12 Feb 2021 10:11

Tgt Ion: 78 Resp: 201559
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.6
51 24.1 22.1 33.1





#35
Methacrylonitrile
Concen: 17.23 ug/l
RT: 7.122 min Scan# 1674
Delta R.T. -0.003 min
Lab File: VN065831.D
Acq: 12 Feb 2021 10:11

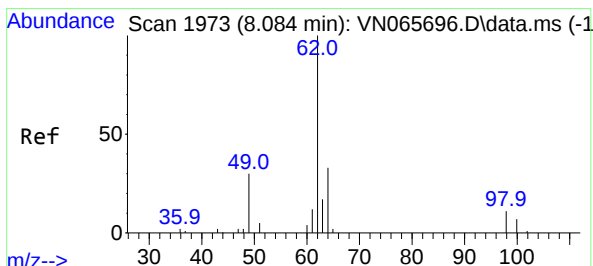
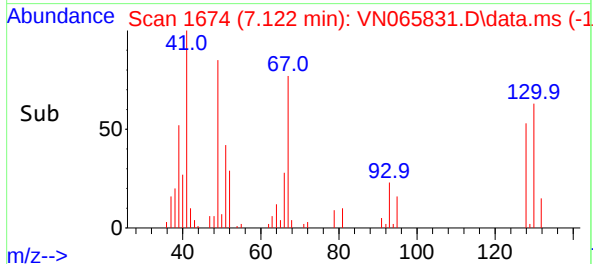
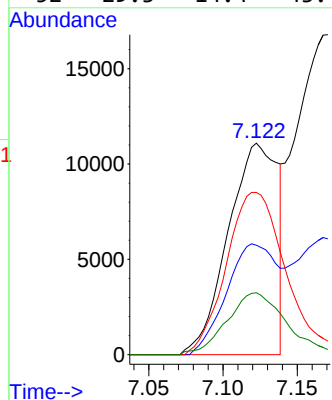
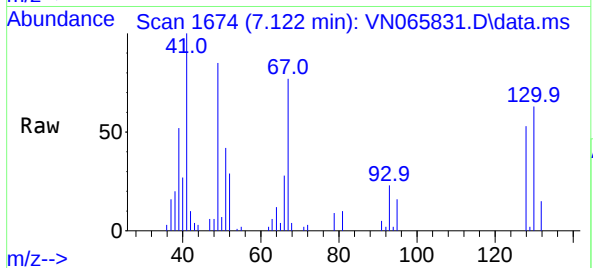
Tgt Ion: 41 Resp: 25613

Ion	Ratio	Lower	Upper
41	100		
39	51.7	26.8	80.3
67	76.7	38.0	113.9
52	29.3	14.4	43.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Manual Integrations
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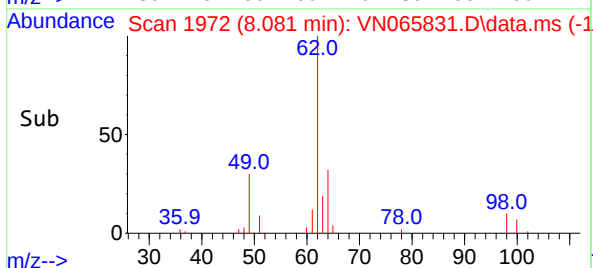
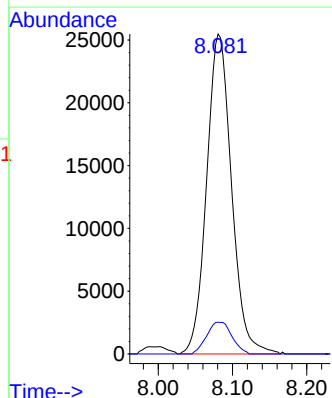
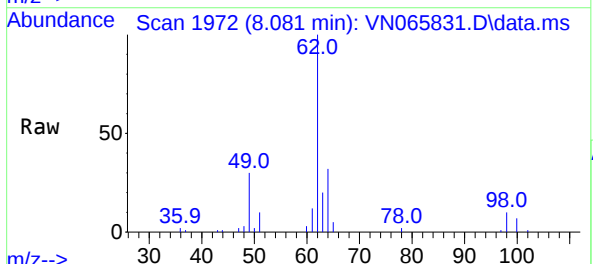
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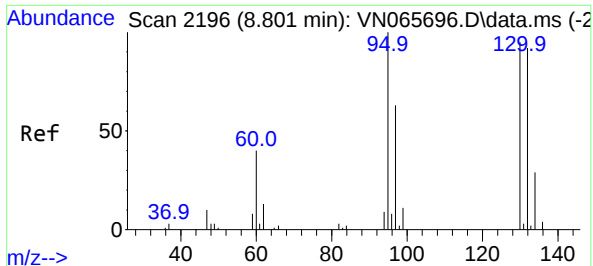


#36
1,2-Dichloroethane
Concen: 20.25 ug/l
RT: 8.081 min Scan# 1972
Delta R.T. -0.003 min
Lab File: VN065831.D
Acq: 12 Feb 2021 10:11

Tgt Ion: 62 Resp: 59376

Ion	Ratio	Lower	Upper
62	100		
98	5.8	7.4	11.2#





#37

Trichloroethene

Concen: 21.21 ug/l

RT: 8.798 min Scan# 2195

Delta R.T. -0.003 min

Lab File: VN065831.D

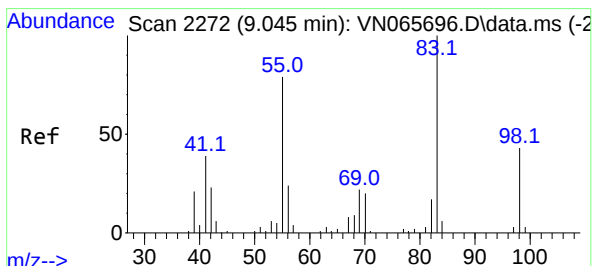
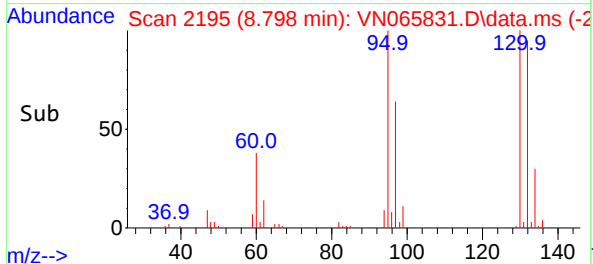
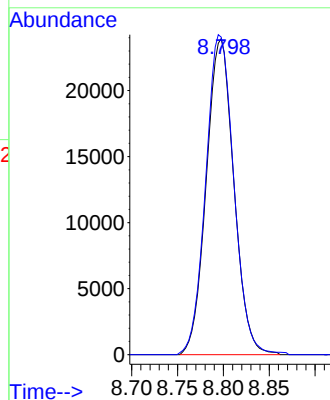
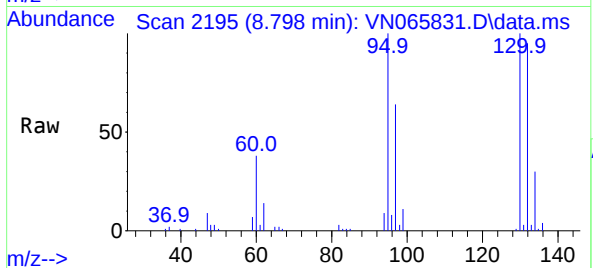
Acq: 12 Feb 2021 10:11

Tgt Ion:130 Resp: 50021

Ion Ratio Lower Upper

130 100

95 99.8 74.0 111.0



#38

Methylcyclohexane

Concen: 19.30 ug/l

RT: 9.042 min Scan# 2271

Delta R.T. -0.003 min

Lab File: VN065831.D

Acq: 12 Feb 2021 10:11

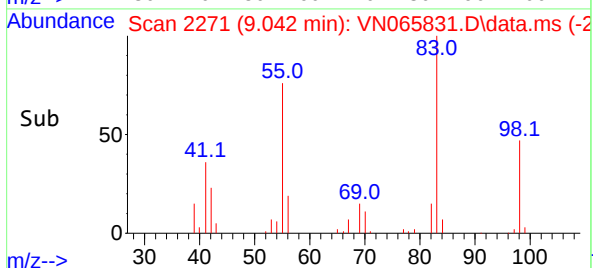
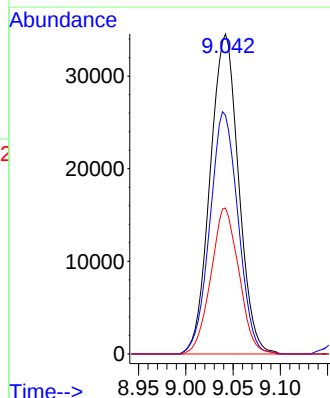
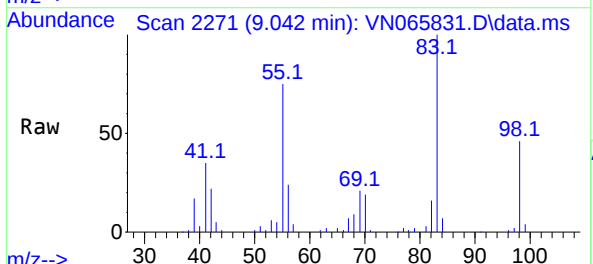
Tgt Ion: 83 Resp: 72324

Ion Ratio Lower Upper

83 100

55 75.1 37.2 111.6

98 44.9 23.8 71.4



Instrument :

MSVOA_N

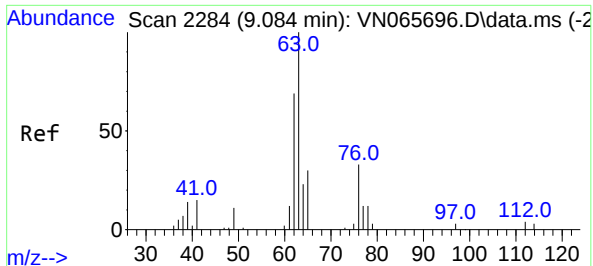
ClientSampleId :

VSTDCCC020

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#39

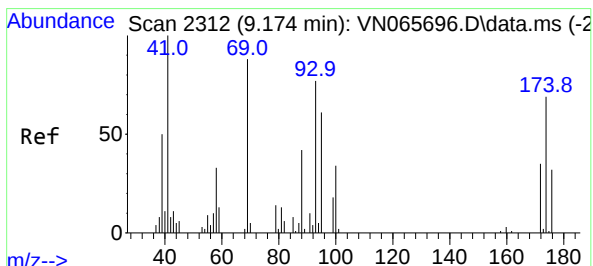
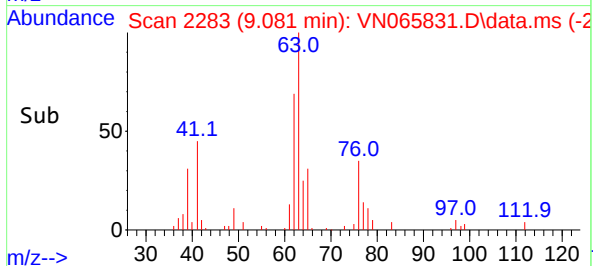
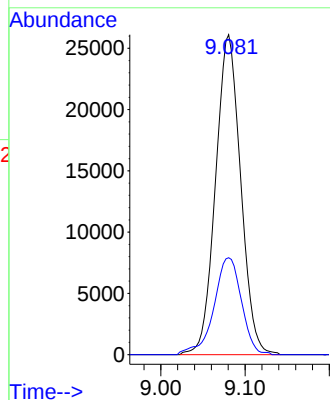
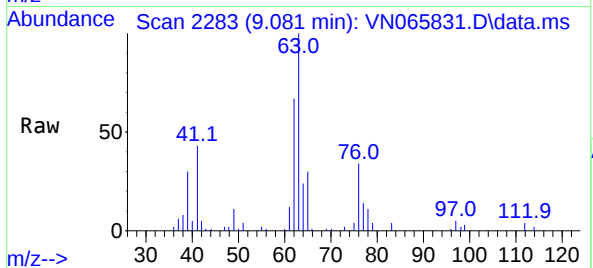
1,2-Dichloropropane
Concen: 20.36 ug/l
RT: 9.081 min Scan# 2283
Delta R.T. -0.003 min
Lab File: VN065831.D
Acq: 12 Feb 2021 10:11

Tgt Ion: 63 Resp: 54020
Ion Ratio Lower Upper
63 100
65 30.3 24.1 36.1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Manual Integrations
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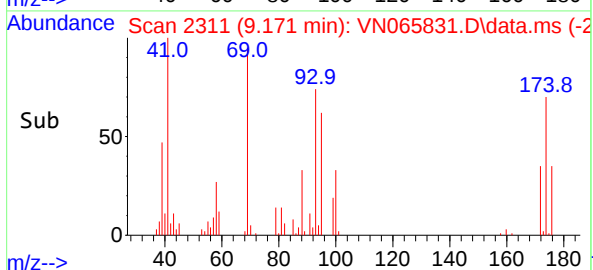
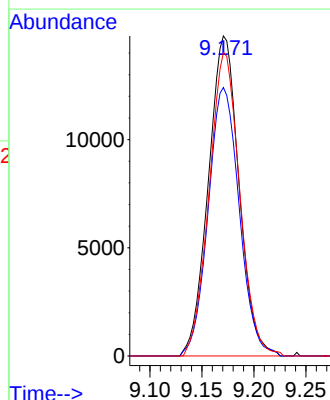
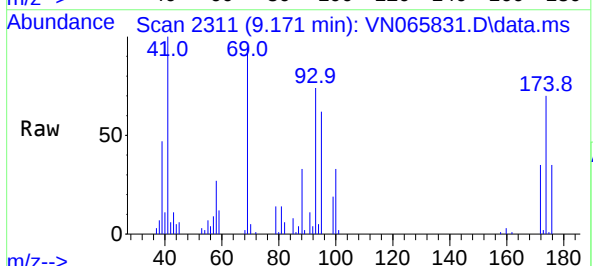
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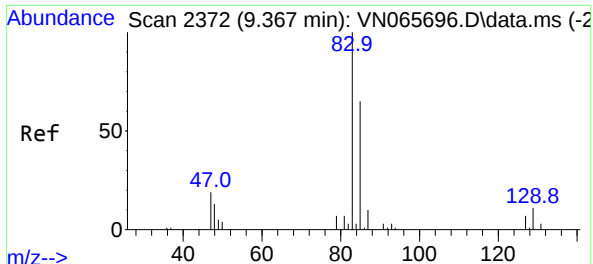


#40

Dibromomethane
Concen: 20.15 ug/l
RT: 9.171 min Scan# 2311
Delta R.T. -0.003 min
Lab File: VN065831.D
Acq: 12 Feb 2021 10:11

Tgt Ion: 93 Resp: 30300
Ion Ratio Lower Upper
93 100
95 85.1 0.0 168.6
174 94.6 0.0 246.4





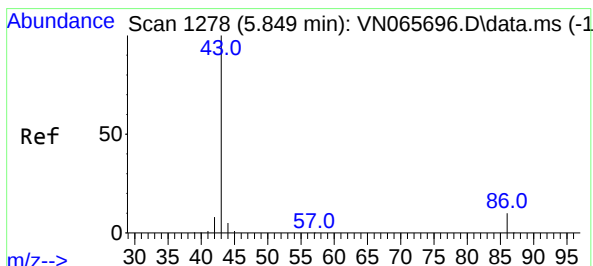
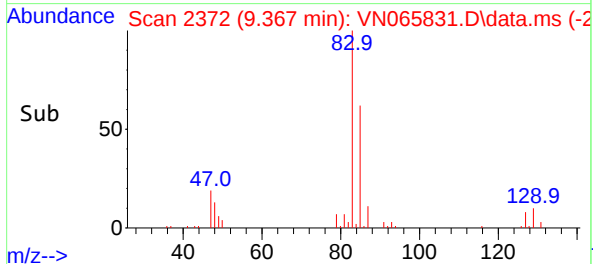
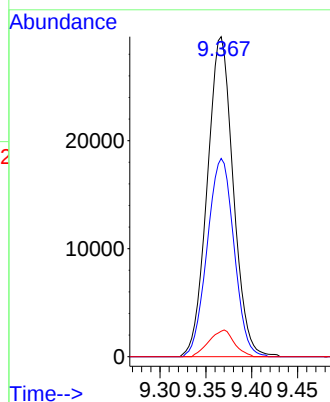
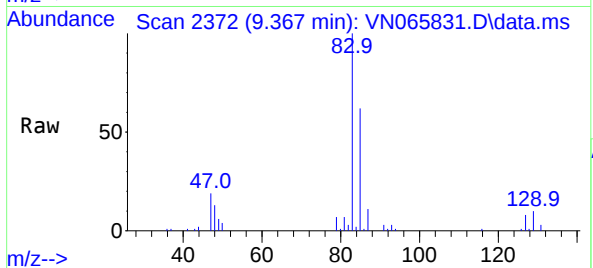
#41
Bromodichloromethane
Concen: 19.17 ug/l
RT: 9.367 min Scan# 2372
Delta R.T. 0.000 min
Lab File: VN065831.D
Acq: 12 Feb 2021 10:11

Tgt Ion: 83 Resp: 58375
Ion Ratio Lower Upper
83 100
85 62.0 50.7 76.1
127 8.0 7.5 11.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

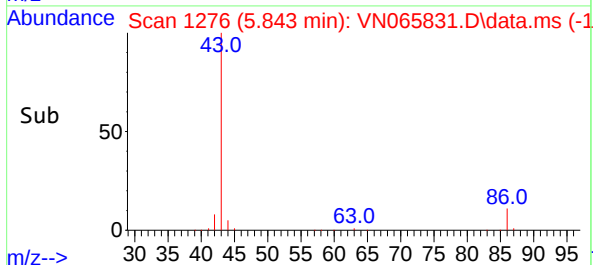
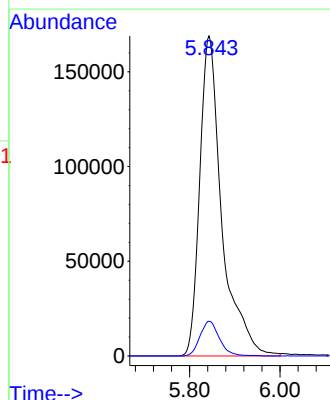
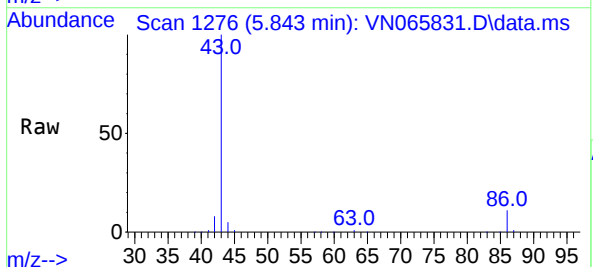
Manual Integrations
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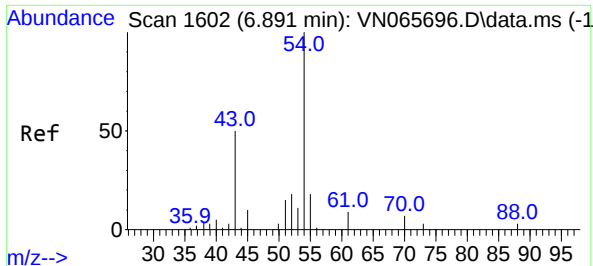
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#42
Vinyl Acetate
Concen: 92.56 ug/l
RT: 5.843 min Scan# 1276
Delta R.T. -0.006 min
Lab File: VN065831.D
Acq: 12 Feb 2021 10:11

Tgt Ion: 43 Resp: 573757
Ion Ratio Lower Upper
43 100
86 9.5 7.9 11.9





#43

Ethyl Acetate

Concen: 17.15 ug/l

RT: 6.884 min Scan# 1600

Delta R.T. -0.006 min

Lab File: VN065831.D

Acq: 12 Feb 2021 10:11

Tgt Ion: 43 Resp: 49718

Ion Ratio Lower Upper

43 100

45 15.5 12.9 19.3

Instrument :

MSVOA_N

ClientSampleId :

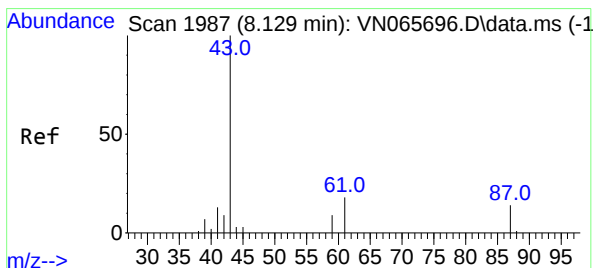
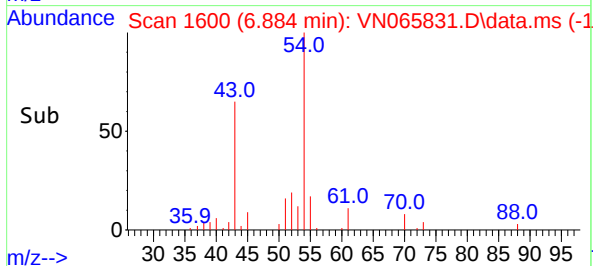
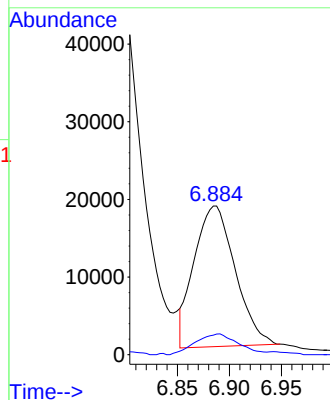
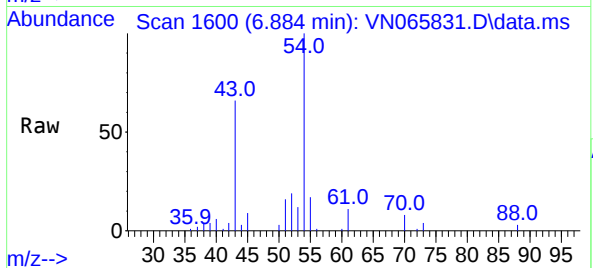
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#44

Isopropyl Acetate

Concen: 18.19 ug/l

RT: 8.126 min Scan# 1986

Delta R.T. -0.003 min

Lab File: VN065831.D

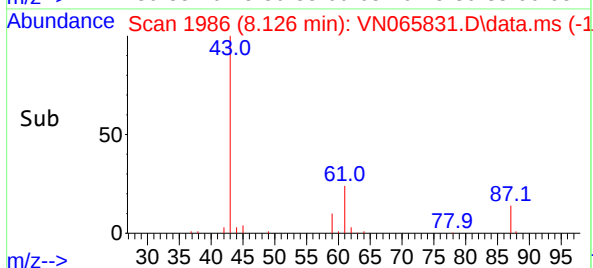
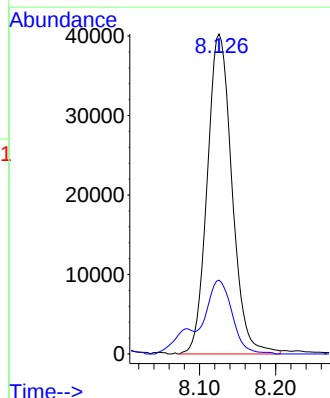
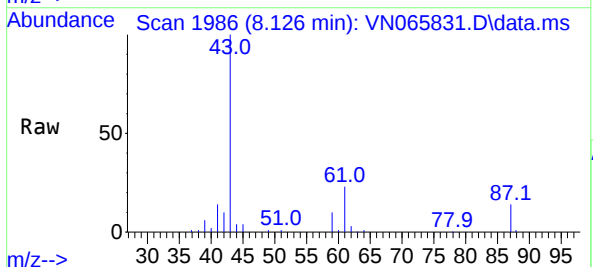
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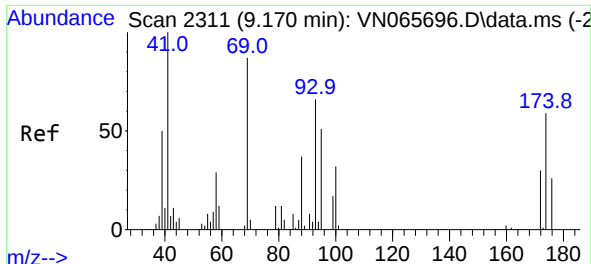
Tgt Ion: 43 Resp: 91153

Ion Ratio Lower Upper

43 100

61 23.8 16.8 25.2





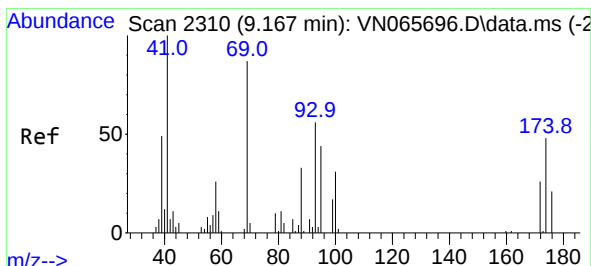
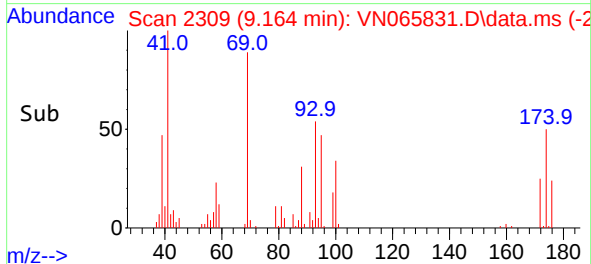
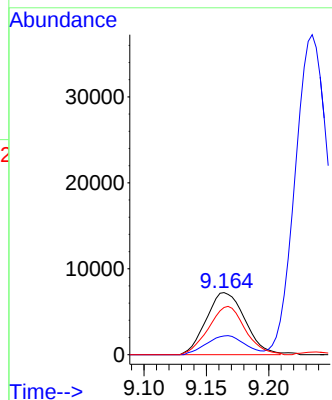
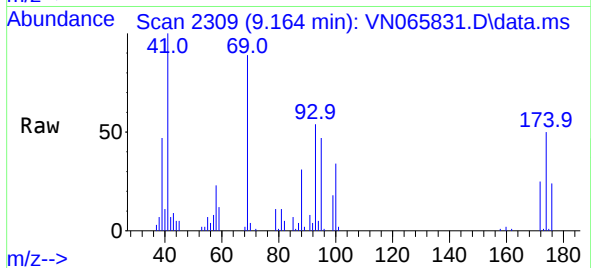
#45
1,4-Dioxane
Concen: 375.63 ug/l
RT: 9.164 min Scan# 2309
Delta R.T. -0.006 min
Lab File: VN065831.D
Acq: 12 Feb 2021 10:11

Tgt Ion: 88 Resp: 15615
Ion Ratio Lower Upper
88 100
43 30.5 28.3 42.5
58 73.5 53.8 80.6

Instrument :
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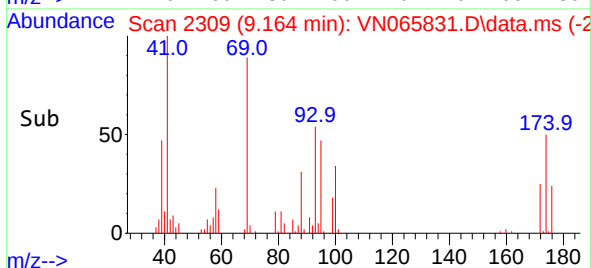
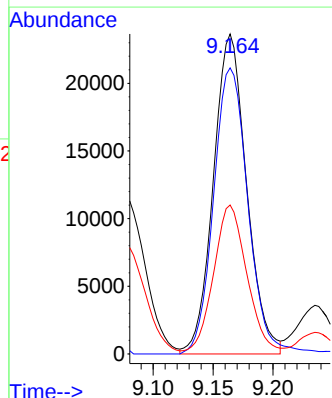
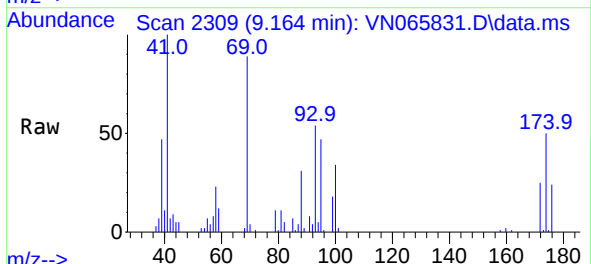
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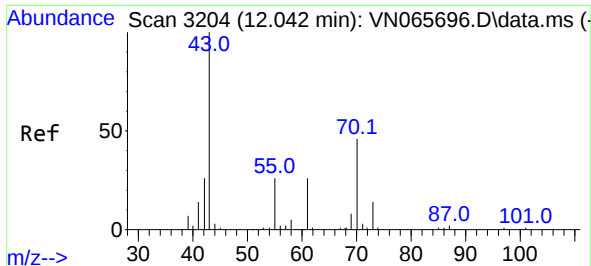
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#46
Methyl methacrylate
Concen: 18.95 ug/l
RT: 9.164 min Scan# 2309
Delta R.T. -0.003 min
Lab File: VN065831.D
Acq: 12 Feb 2021 10:11

Tgt Ion: 41 Resp: 45514
Ion Ratio Lower Upper
41 100
69 90.7 46.3 138.8
39 46.3 26.8 80.3





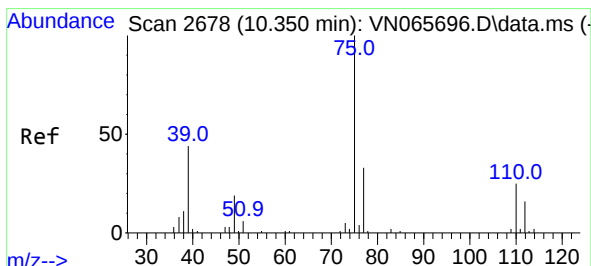
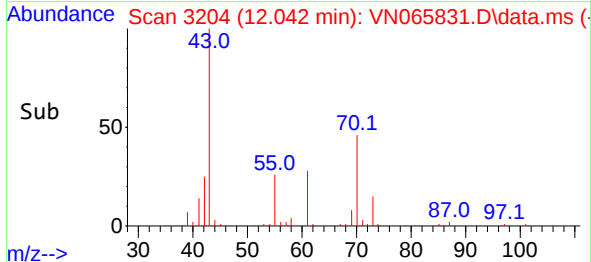
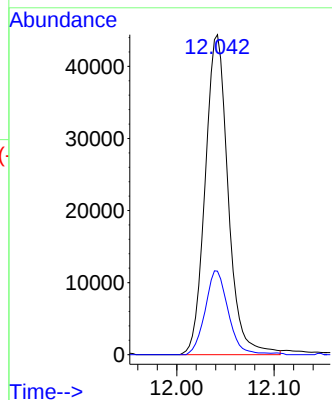
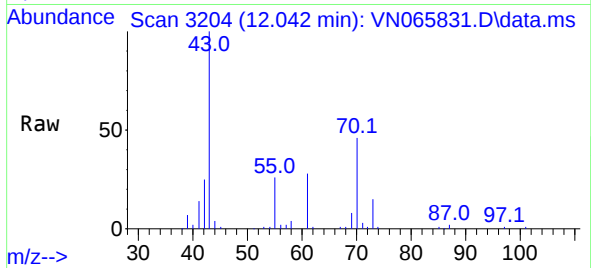
#47
n-amyl acetate
Concen: 17.35 ug/l
RT: 12.042 min Scan# 3204
Delta R.T. 0.000 min
Lab File: VN065831.D
Acq: 12 Feb 2021 10:11

Tgt Ion: 43 Resp: 72755
Ion Ratio Lower Upper
43 100
55 26.3 21.3 31.9

Instrument :
MSVOA_N
ClientSampleId :
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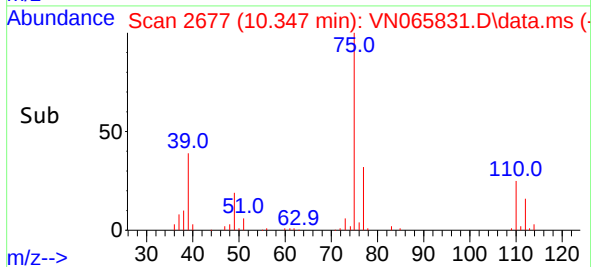
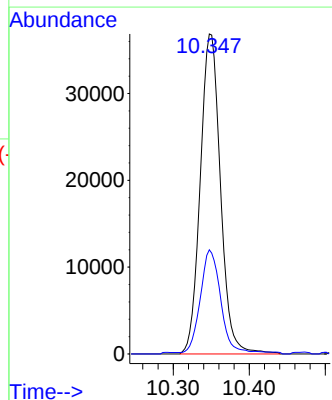
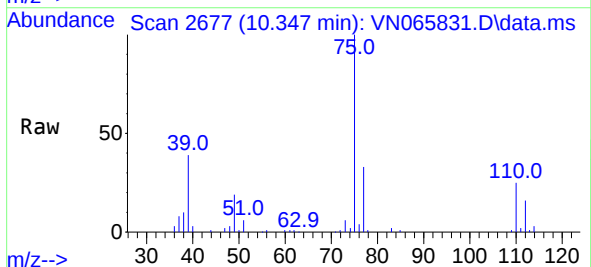
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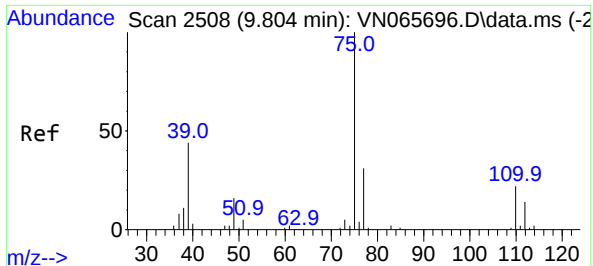
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#48
t-1,3-Dichloropropene
Concen: 18.92 ug/l
RT: 10.347 min Scan# 2677
Delta R.T. -0.003 min
Lab File: VN065831.D
Acq: 12 Feb 2021 10:11

Tgt Ion: 75 Resp: 68075
Ion Ratio Lower Upper
75 100
77 32.1 26.5 39.7





#49

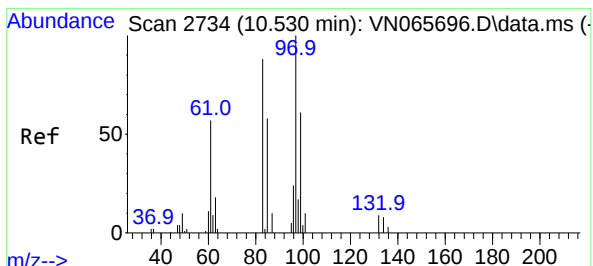
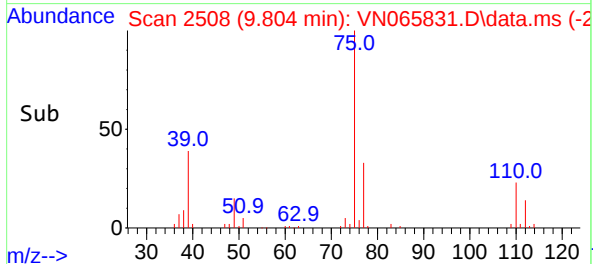
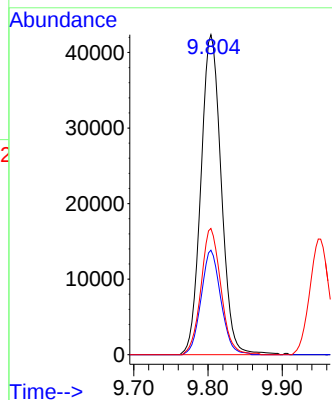
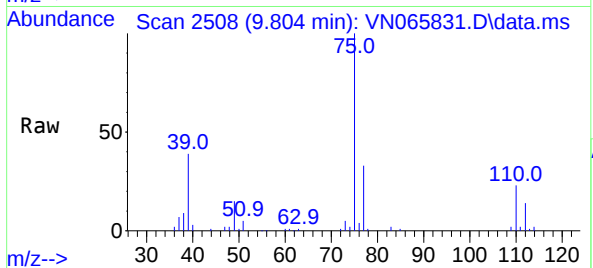
cis-1,3-Dichloropropene
Concen: 19.76 ug/l
RT: 9.804 min Scan# 2508
Delta R.T. 0.000 min
Lab File: VN065831.D
Acq: 12 Feb 2021 10:11

Tgt Ion: 75 Resp: 80546
Ion Ratio Lower Upper
75 100
77 32.6 24.8 37.2
39 39.4 34.4 51.6

Instrument :
MSVOA_N
ClientSampleId :
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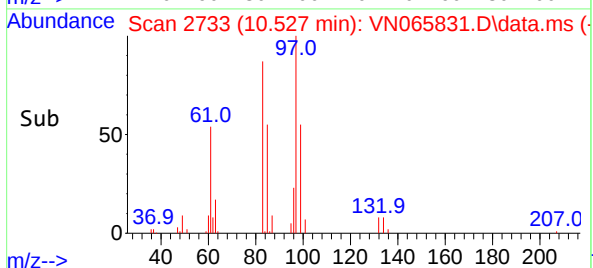
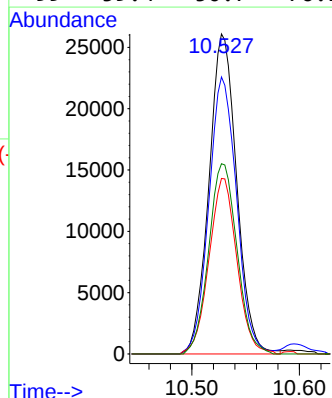
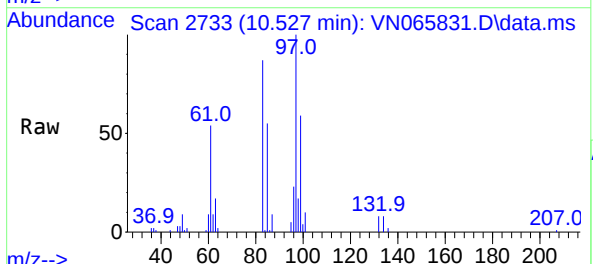
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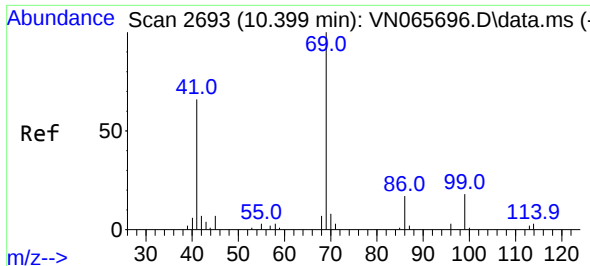


#50

1,1,2-Trichloroethane
Concen: 21.26 ug/l
RT: 10.527 min Scan# 2733
Delta R.T. -0.003 min
Lab File: VN065831.D
Acq: 12 Feb 2021 10:11

Tgt Ion: 97 Resp: 46786
Ion Ratio Lower Upper
97 100
83 86.6 68.4 102.6
85 54.8 42.8 64.2
99 59.4 50.7 76.1





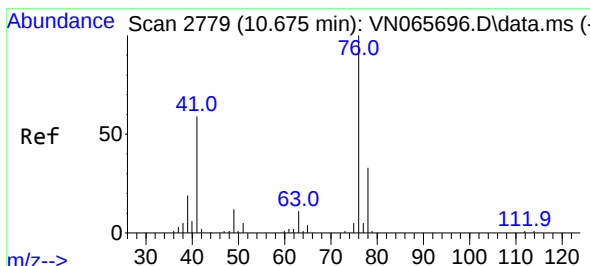
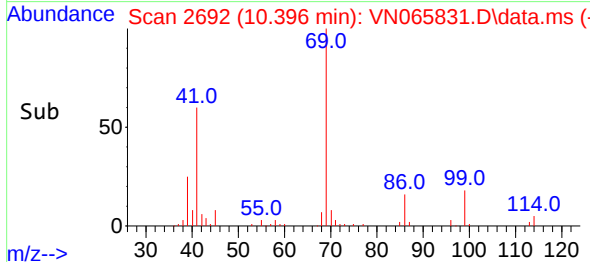
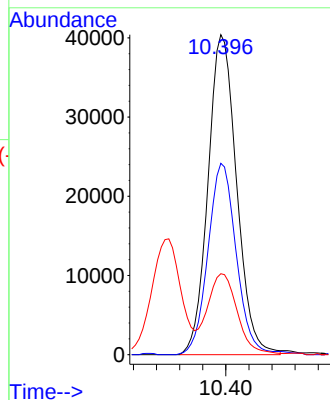
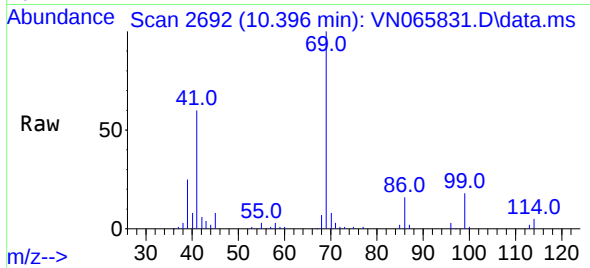
#51
Ethyl methacrylate
Concen: 19.62 ug/l
RT: 10.396 min Scan# 2692
Delta R.T. -0.003 min
Lab File: VN065831.D
Acq: 12 Feb 2021 10:11

Tgt Ion: 69 Resp: 69526
Ion Ratio Lower Upper
69 100
41 59.4 31.9 95.7
39 24.9 15.6 46.7

Instrument :
MSVOA_N
ClientSampleId :
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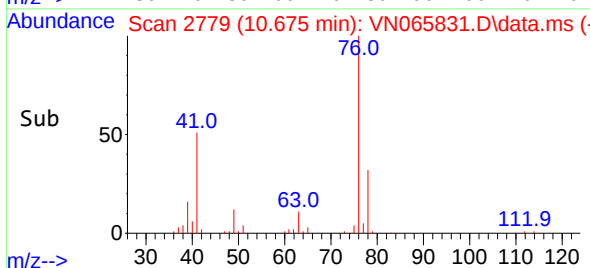
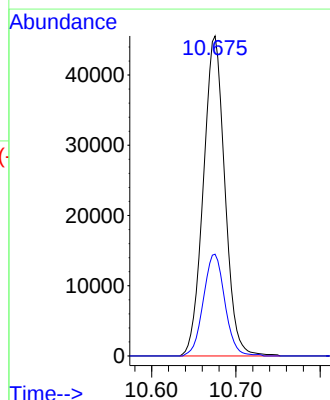
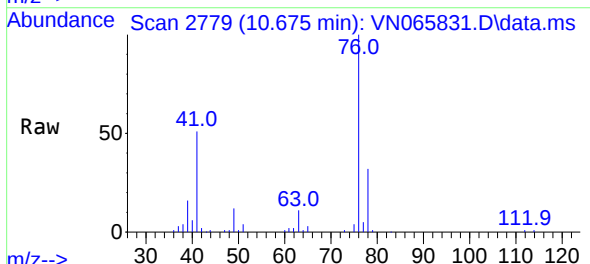
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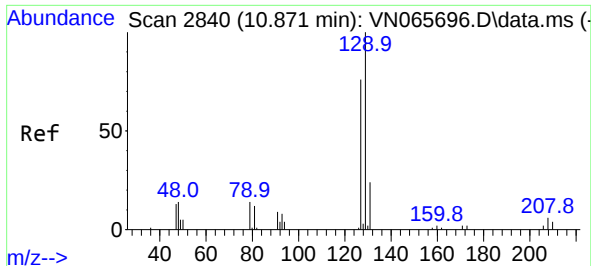
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#52
1,3-Dichloropropane
Concen: 20.52 ug/l
RT: 10.675 min Scan# 2779
Delta R.T. 0.000 min
Lab File: VN065831.D
Acq: 12 Feb 2021 10:11

Tgt Ion: 76 Resp: 80862
Ion Ratio Lower Upper
76 100
78 31.7 0.0 64.2





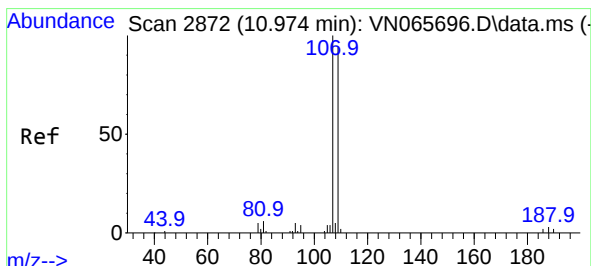
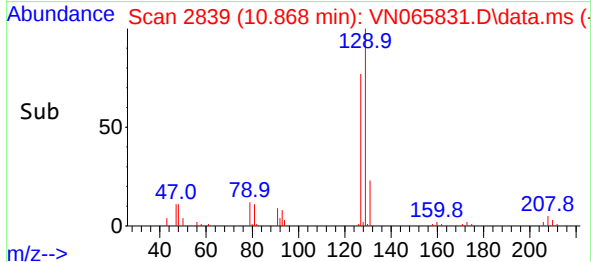
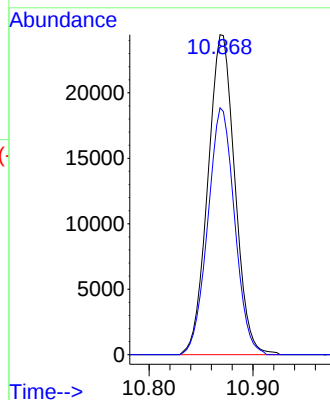
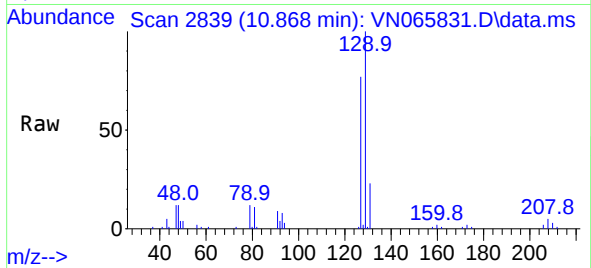
#53
Dibromochloromethane
Concen: 19.77 ug/l
RT: 10.868 min Scan# 2839
Delta R.T. -0.003 min
Lab File: VN065831.D
Acq: 12 Feb 2021 10:11

Tgt Ion:129 Resp: 44102
Ion Ratio Lower Upper
129 100
127 76.7 38.9 116.6

Instrument :
MSVOA_N
ClientSampleId :
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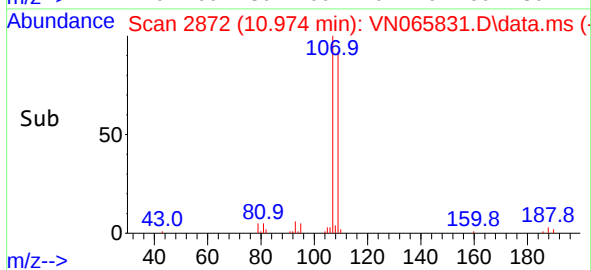
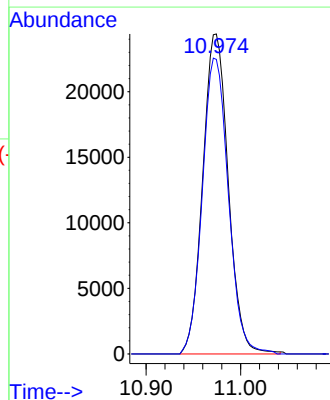
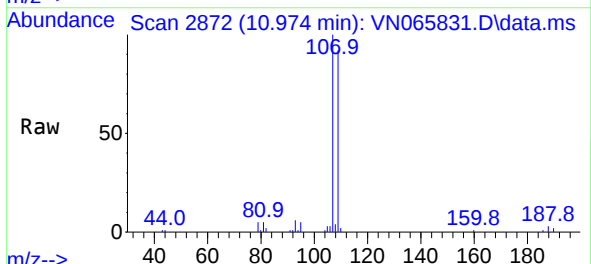
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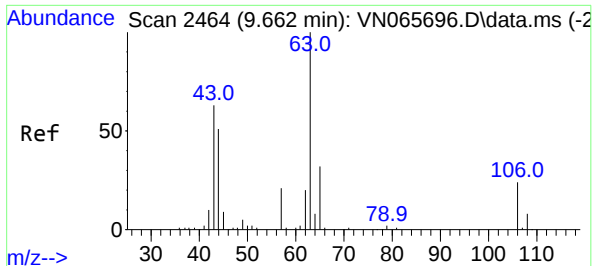
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#54
1,2-Dibromoethane
Concen: 20.79 ug/l
RT: 10.974 min Scan# 2872
Delta R.T. 0.000 min
Lab File: VN065831.D
Acq: 12 Feb 2021 10:11

Tgt Ion:107 Resp: 45847
Ion Ratio Lower Upper
107 100
109 94.1 76.6 115.0





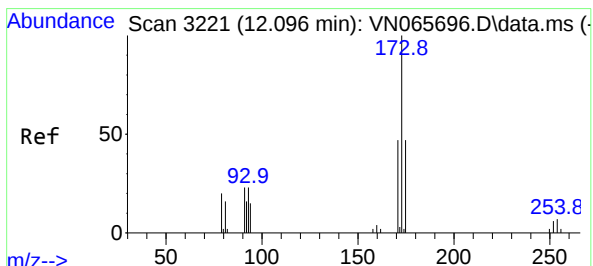
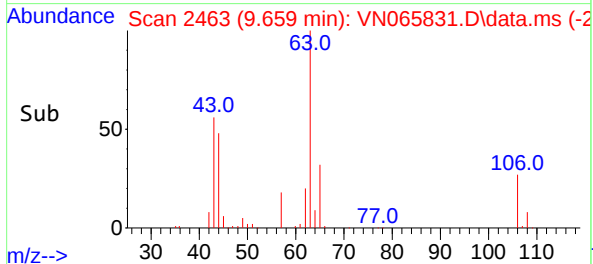
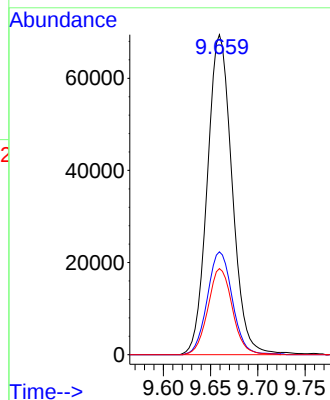
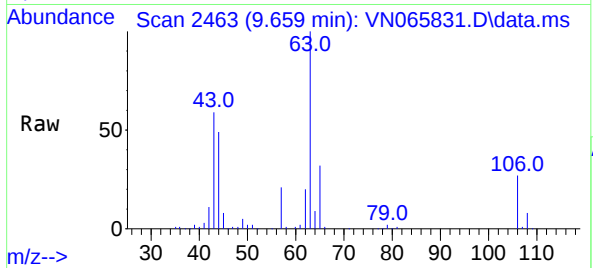
#55
2-Chloroethyl vinyl ether
Concen: 80.39 ug/l
RT: 9.659 min Scan# 2463
Delta R.T. -0.003 min
Lab File: VN065831.D
Acq: 12 Feb 2021 10:11

Tgt Ion: 63 Resp: 126577
Ion Ratio Lower Upper
63 100
65 32.5 25.7 38.5
106 26.6 23.1 34.7

Instrument :
MSVOA_N
ClientSampleId :
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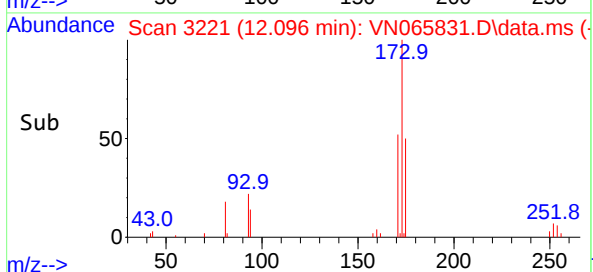
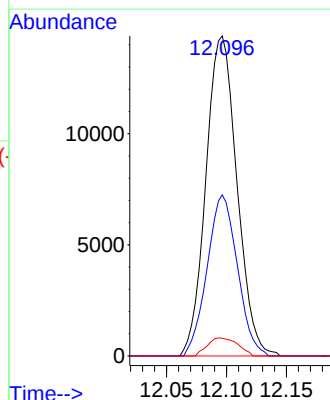
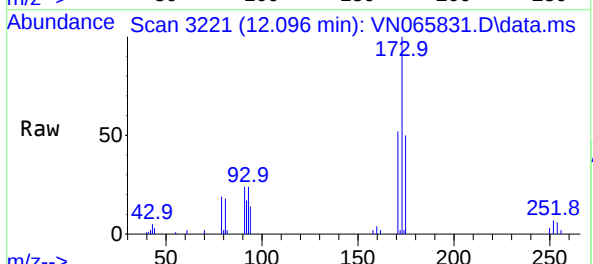
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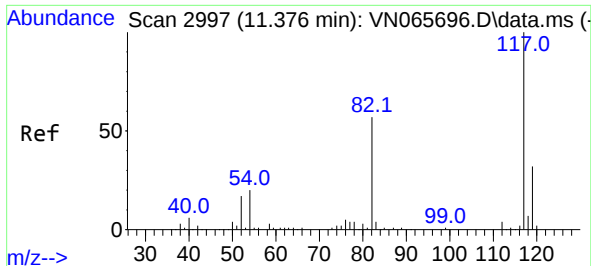
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#56
Bromoform
Concen: 18.42 ug/l
RT: 12.096 min Scan# 3221
Delta R.T. 0.000 min
Lab File: VN065831.D
Acq: 12 Feb 2021 10:11

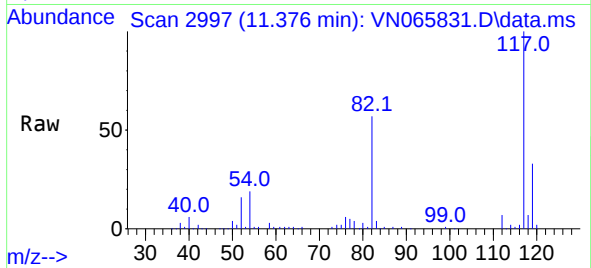
Tgt Ion: 173 Resp: 25953
Ion Ratio Lower Upper
173 100
175 49.0 38.2 57.4
254 5.5 9.8 14.8#





#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065831.D
Acq: 12 Feb 2021 10:11

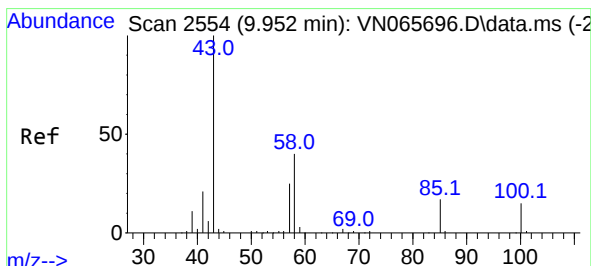
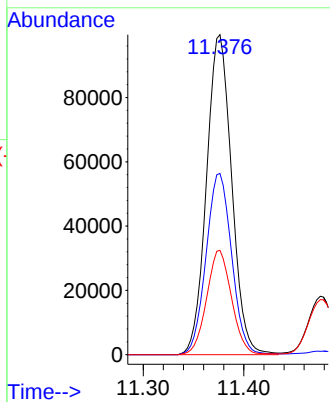
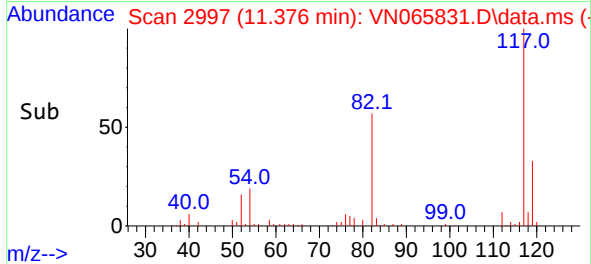
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



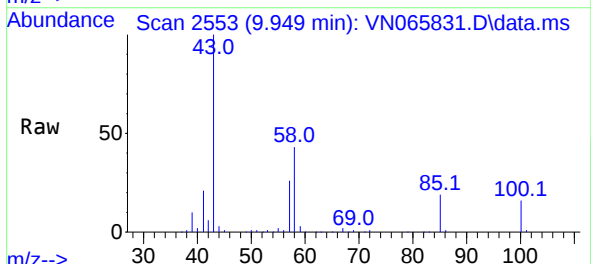
Tgt Ion: 117 Resp: 173338
Ion Ratio Lower Upper
117 100
82 57.7 41.3 61.9
119 32.2 25.7 38.5

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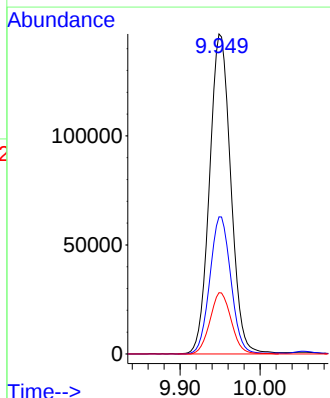
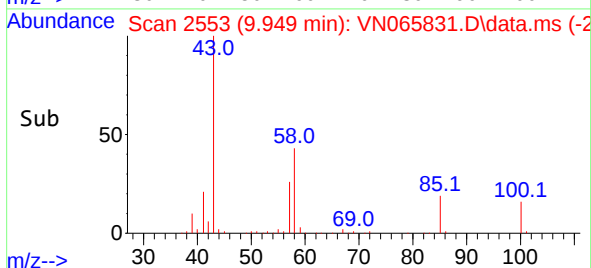
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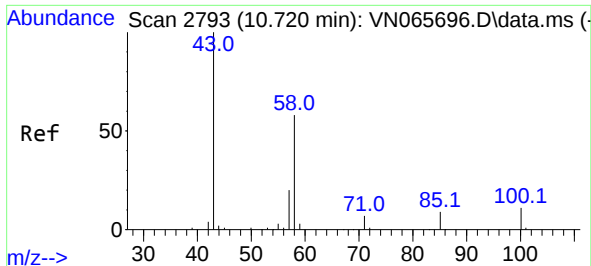


#58
4-Methyl-2-Pentanone
Concen: 94.12 ug/l
RT: 9.949 min Scan# 2553
Delta R.T. -0.003 min
Lab File: VN065831.D
Acq: 12 Feb 2021 10:11



Tgt Ion: 43 Resp: 270985
Ion Ratio Lower Upper
43 100
58 42.5 32.7 49.1
85 19.1 16.0 24.0





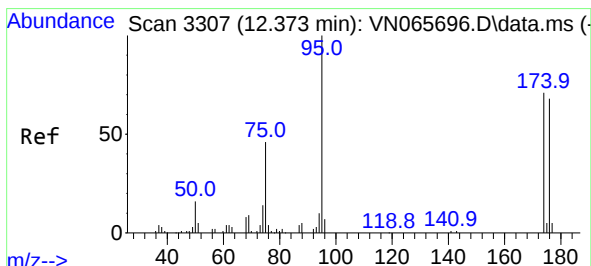
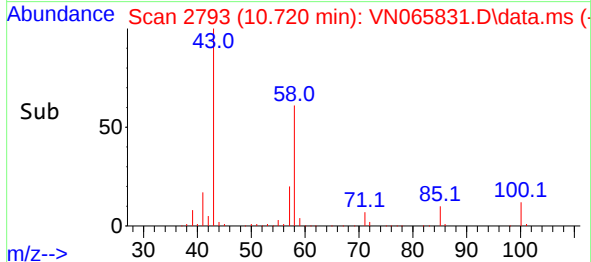
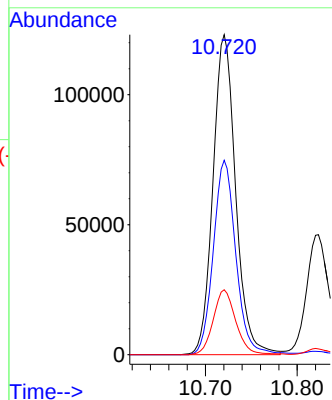
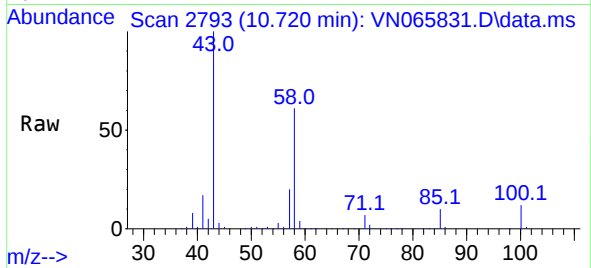
#59
2-Hexanone
Concen: 102.44 ug/l
RT: 10.720 min Scan# 2793
Delta R.T. 0.000 min
Lab File: VN065831.D
Acq: 12 Feb 2021 10:11

Tgt Ion: 43 Resp: 211119
Ion Ratio Lower Upper
43 100
58 60.2 45.4 68.0
57 20.3 15.8 23.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

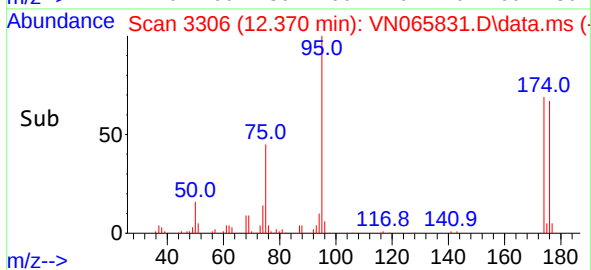
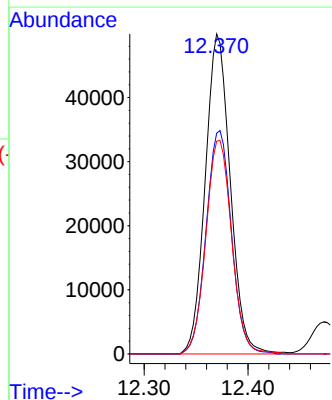
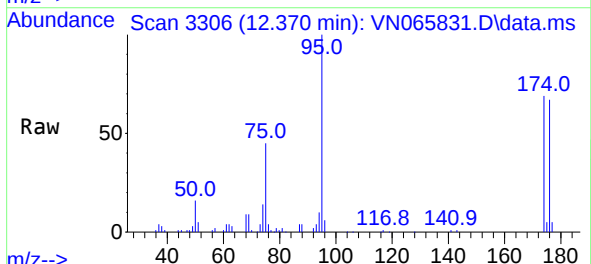
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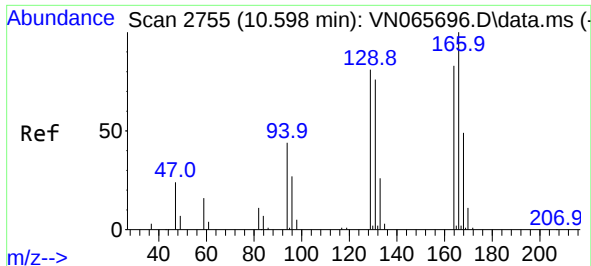
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#60
4-Bromofluorobenzene
Concen: 29.60 ug/l
RT: 12.370 min Scan# 3306
Delta R.T. -0.003 min
Lab File: VN065831.D
Acq: 12 Feb 2021 10:11

Tgt Ion: 95 Resp: 83475
Ion Ratio Lower Upper
95 100
174 70.8 77.0 115.6#
176 69.0 75.8 113.6#





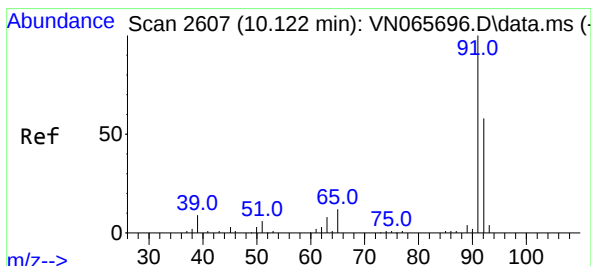
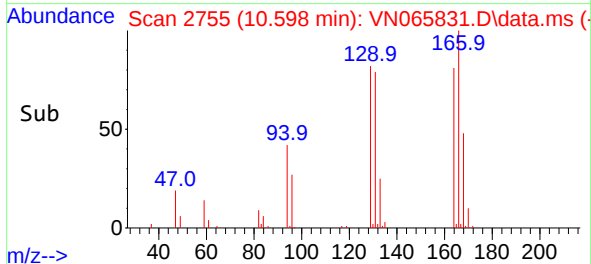
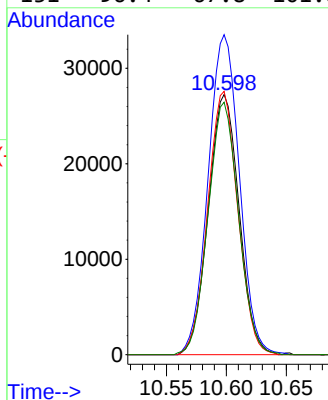
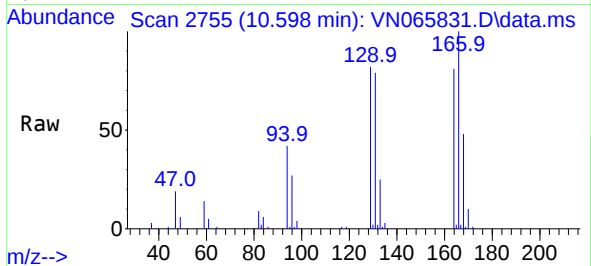
#61
Tetrachloroethene
Concen: 21.35 ug/l
RT: 10.598 min Scan# 2755
Delta R.T. 0.000 min
Lab File: VN065831.D
Acq: 12 Feb 2021 10:11

Tgt Ion:164 Resp: 48731
Ion Ratio Lower Upper
164 100
166 123.0 101.2 151.8
129 101.3 69.7 104.5
131 96.4 67.8 101.8

Instrument :
MSVOA_N
ClientSampleId :
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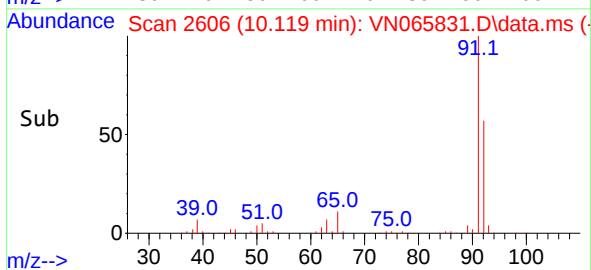
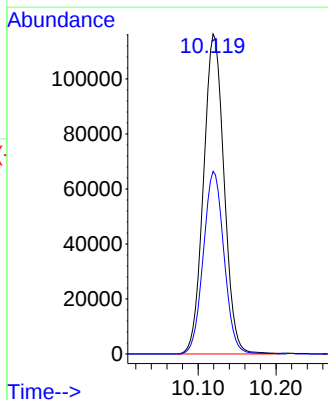
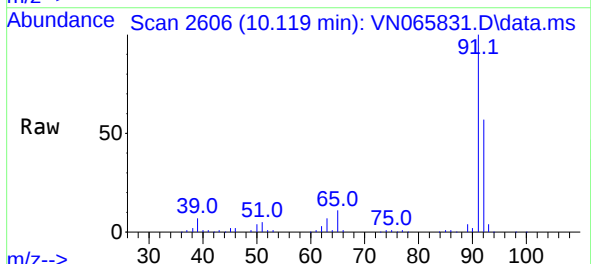
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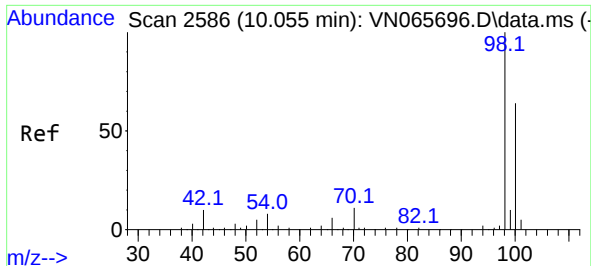
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#62
Toluene
Concen: 21.03 ug/l
RT: 10.119 min Scan# 2606
Delta R.T. -0.003 min
Lab File: VN065831.D
Acq: 12 Feb 2021 10:11

Tgt Ion: 91 Resp: 213190
Ion Ratio Lower Upper
91 100
92 57.4 46.2 69.4





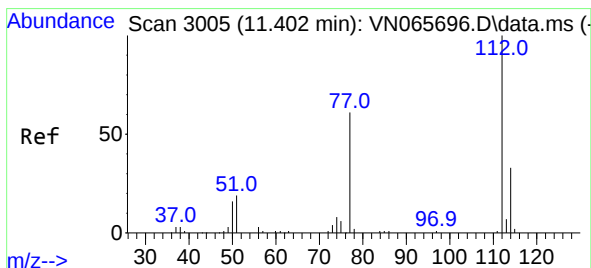
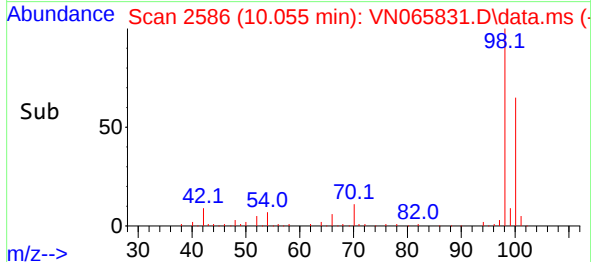
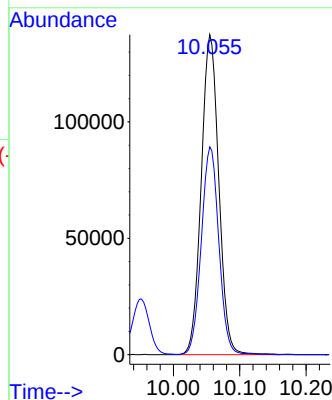
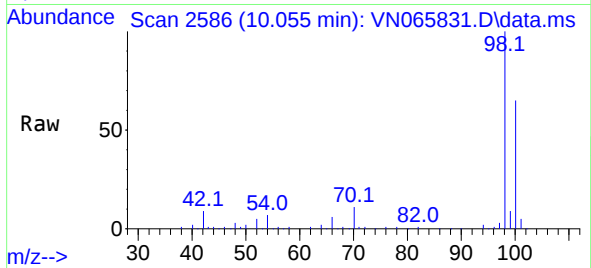
#63
Toluene-d8
Concen: 30.29 ug/l
RT: 10.055 min Scan# 2586
Delta R.T. 0.000 min
Lab File: VN065831.D
Acq: 12 Feb 2021 10:11

Tgt Ion: 98 Resp: 252438
Ion Ratio Lower Upper
98 100
100 64.5 51.9 77.9

Instrument :
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ClientSampleId :
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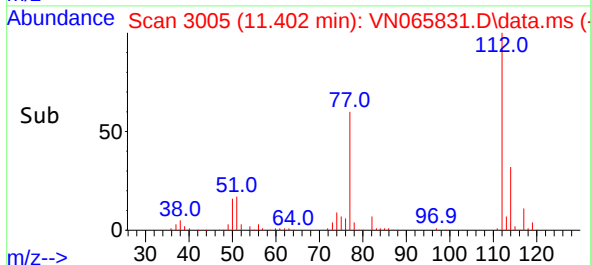
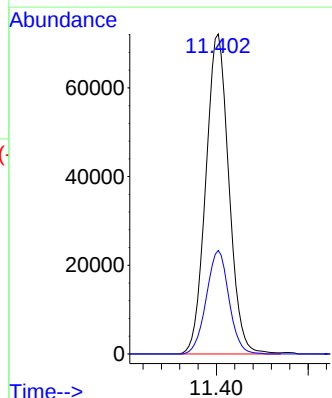
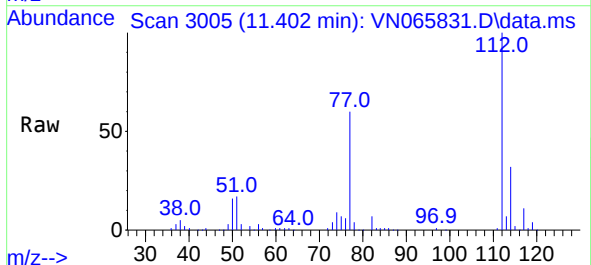
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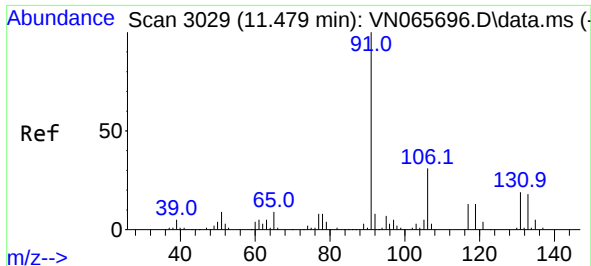
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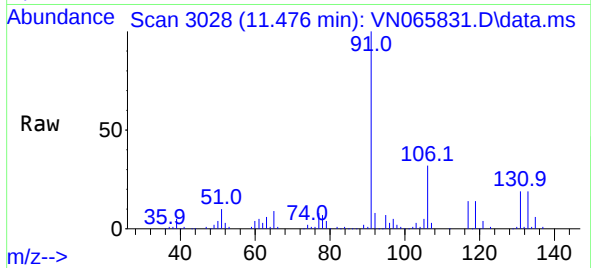
#64
Chlorobenzene
Concen: 21.08 ug/l
RT: 11.402 min Scan# 3005
Delta R.T. 0.000 min
Lab File: VN065831.D
Acq: 12 Feb 2021 10:11

Tgt Ion: 112 Resp: 126045
Ion Ratio Lower Upper
112 100
114 32.4 25.5 38.3

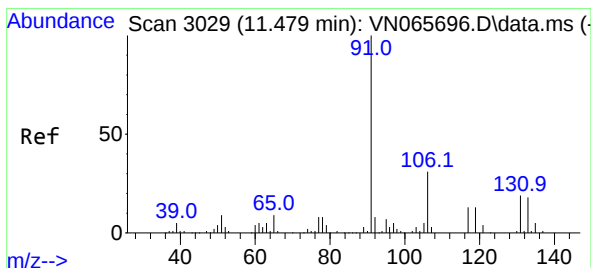
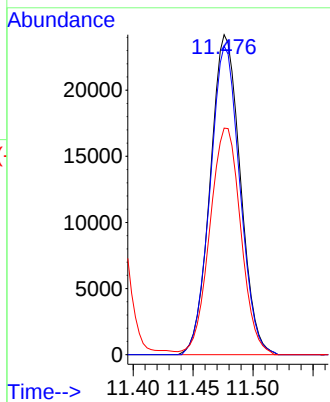
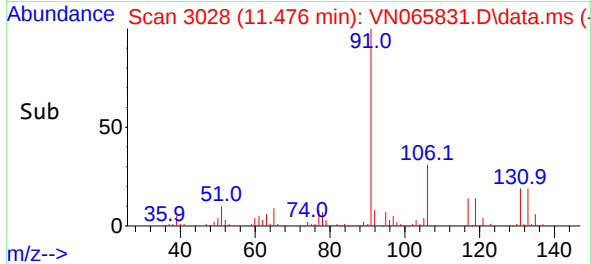




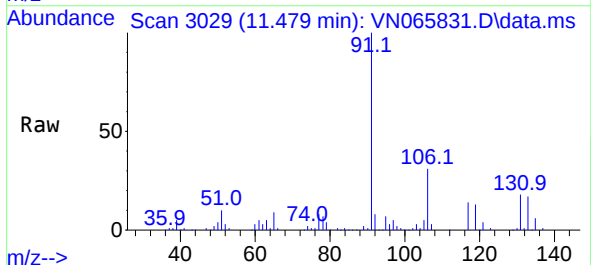
#65
1,1,1,2-Tetrachloroethane
Concen: 20.25 ug/l
RT: 11.476 min Scan# 3028
Delta R.T. -0.003 min
Lab File: VN065831.D
Acq: 12 Feb 2021 10:11



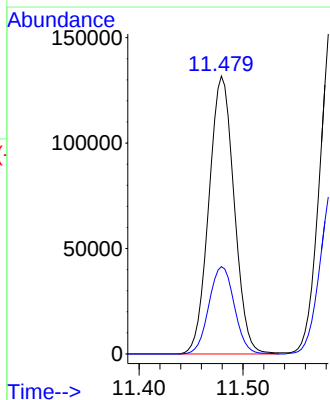
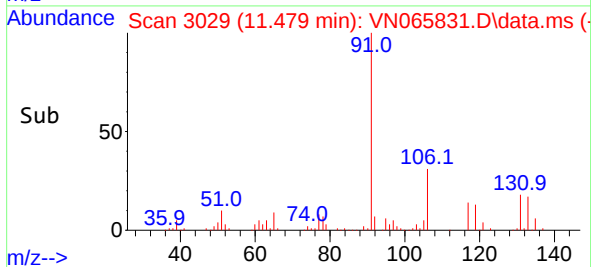
Tgt Ion:131 Resp: 42109
Ion Ratio Lower Upper
131 100
133 95.6 0.0 186.2
119 73.2 0.0 131.6



#66
Ethyl Benzene
Concen: 20.50 ug/l
RT: 11.479 min Scan# 3029
Delta R.T. 0.000 min
Lab File: VN065831.D
Acq: 12 Feb 2021 10:11



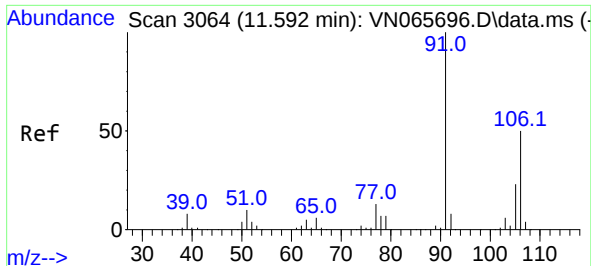
Tgt Ion: 91 Resp: 222417
Ion Ratio Lower Upper
91 100
106 31.4 25.5 38.3



Instrument :
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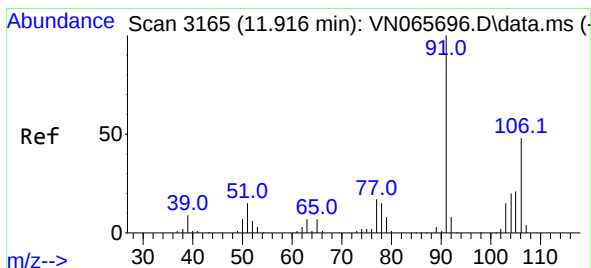
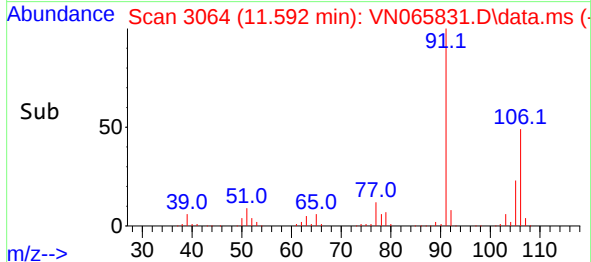
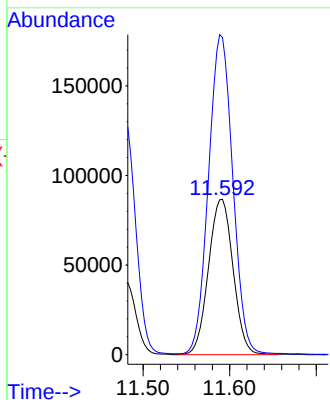
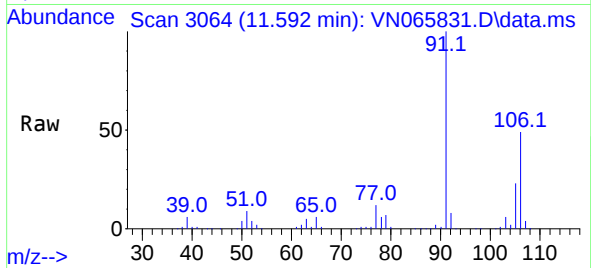
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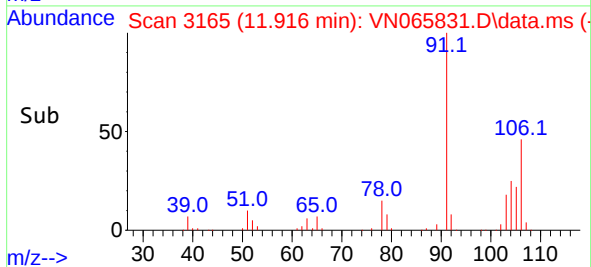
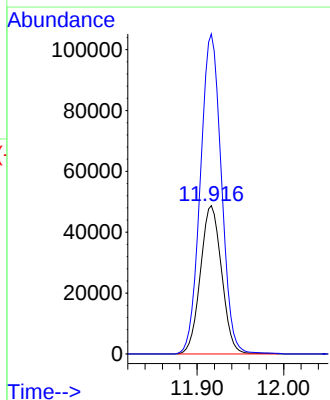
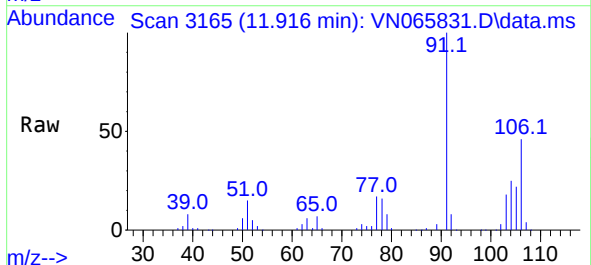
#67
m/p-Xylenes
Concen: 42.42 ug/l
RT: 11.592 min Scan# 3064
Delta R.T. 0.000 min
Lab File: VN065831.D
Acq: 12 Feb 2021 10:11

Tgt Ion:106 Resp: 171370
Ion Ratio Lower Upper
106 100
91 203.2 159.0 238.6



#68
o-Xylene
Concen: 21.09 ug/l
RT: 11.916 min Scan# 3165
Delta R.T. 0.000 min
Lab File: VN065831.D
Acq: 12 Feb 2021 10:11

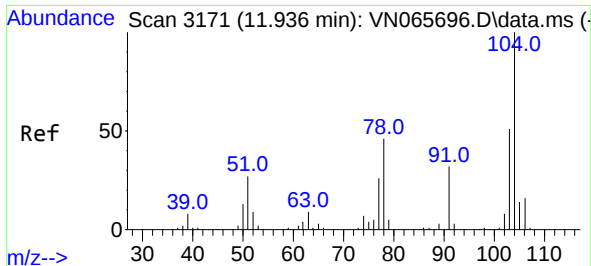
Tgt Ion:106 Resp: 82954
Ion Ratio Lower Upper
106 100
91 213.9 104.7 313.9



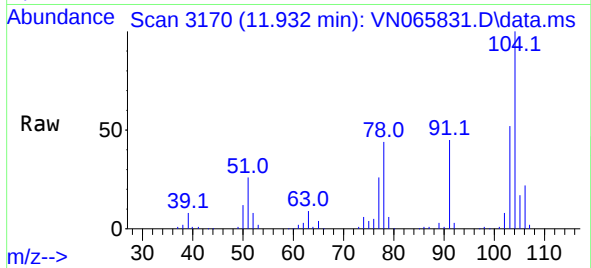
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

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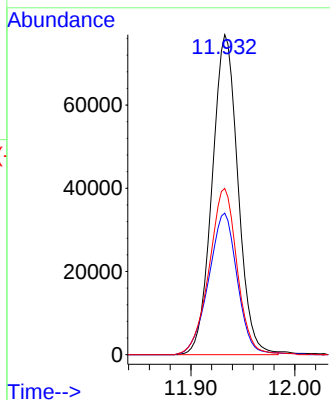
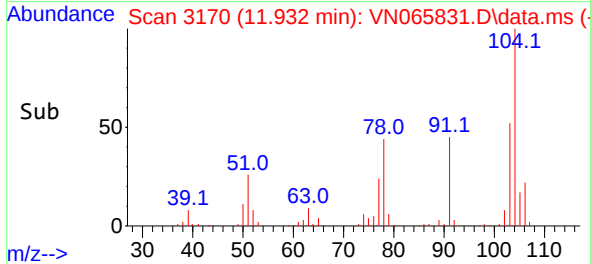
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#69
Styrene
Concen: 20.89 ug/l
RT: 11.932 min Scan# 3170
Delta R.T. -0.003 min
Lab File: VN065831.D
Acq: 12 Feb 2021 10:11



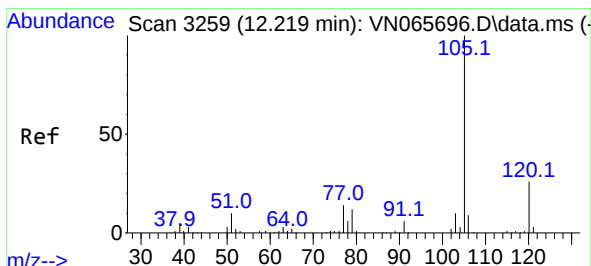
Tgt Ion:104 Resp: 132852
Ion Ratio Lower Upper
104 100
78 49.2 38.0 57.0
103 56.4 44.3 66.5



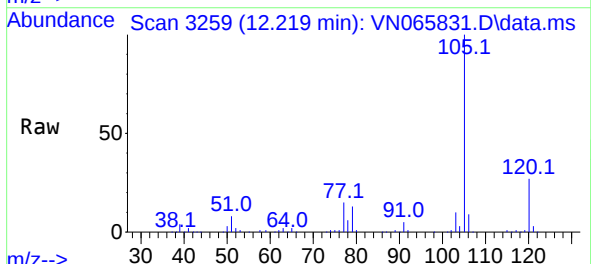
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

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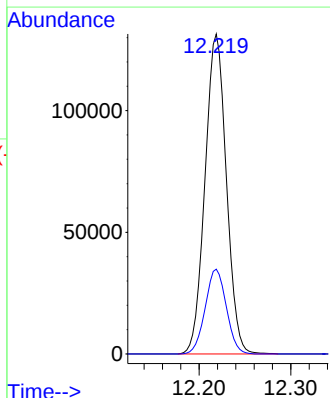
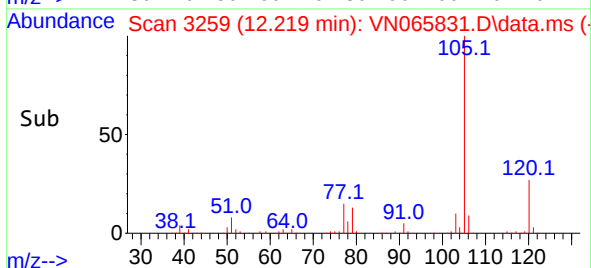
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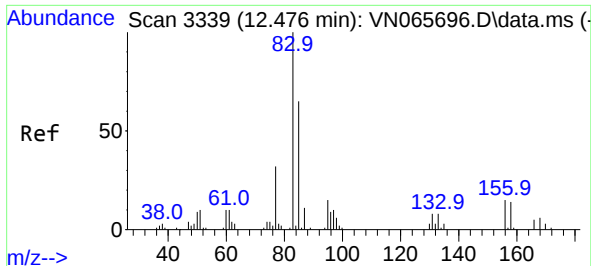


#70
Isopropylbenzene
Concen: 21.04 ug/l
RT: 12.219 min Scan# 3259
Delta R.T. 0.000 min
Lab File: VN065831.D
Acq: 12 Feb 2021 10:11



Tgt Ion:105 Resp: 212576
Ion Ratio Lower Upper
105 100
120 26.2 19.3 35.9





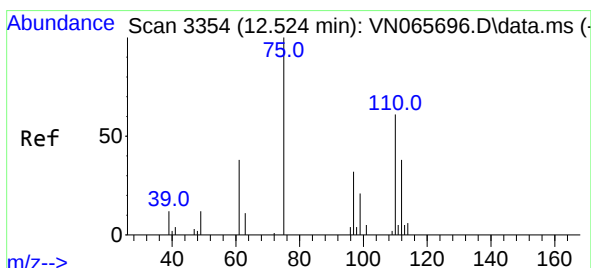
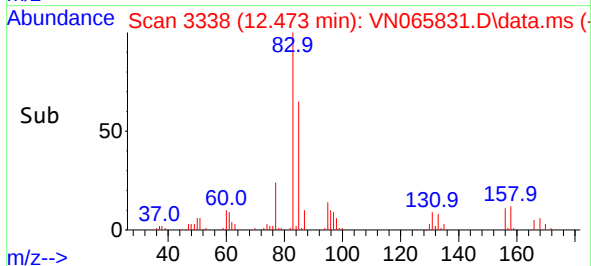
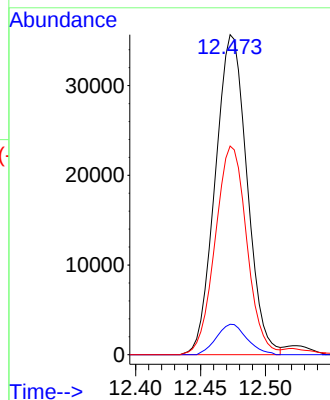
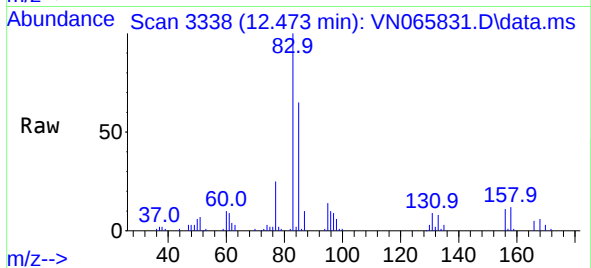
#71
1,1,2,2-Tetrachloroethane
Concen: 20.48 ug/l
RT: 12.473 min Scan# 3338
Delta R.T. -0.003 min
Lab File: VN065831.D
Acq: 12 Feb 2021 10:11

Tgt Ion: 83 Resp: 60702
Ion Ratio Lower Upper
83 100
131 9.2 5.5 16.4
85 64.7 32.1 96.5

Instrument :
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ClientSampleId :
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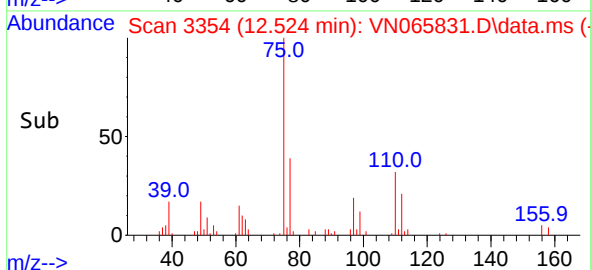
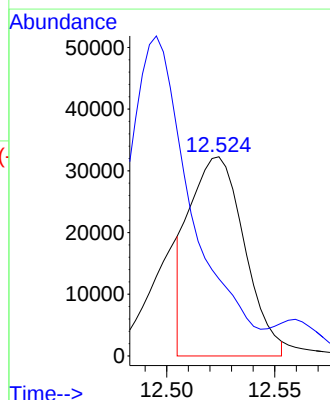
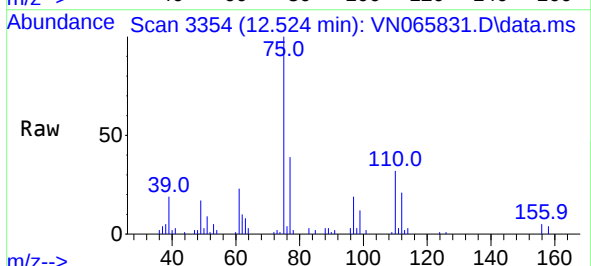
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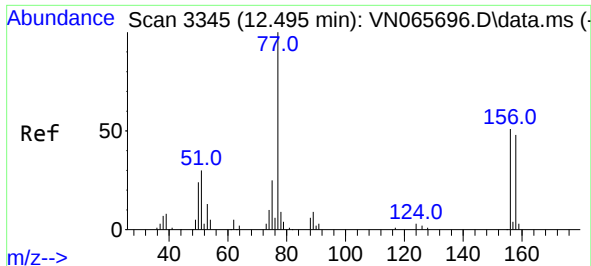
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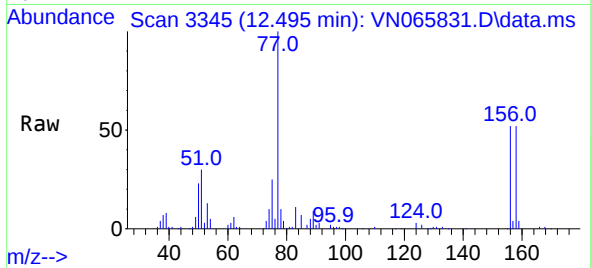
#72
1,2,3-Trichloropropane
Concen: 19.53 ug/l m
RT: 12.524 min Scan# 3354
Delta R.T. 0.000 min
Lab File: VN065831.D
Acq: 12 Feb 2021 10:11

Tgt Ion: 75 Resp: 56717
Ion Ratio Lower Upper
75 100
77 190.0 0.0 366.4

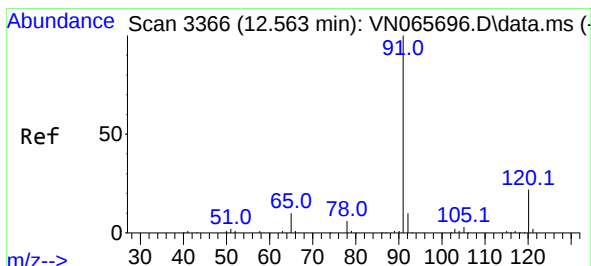
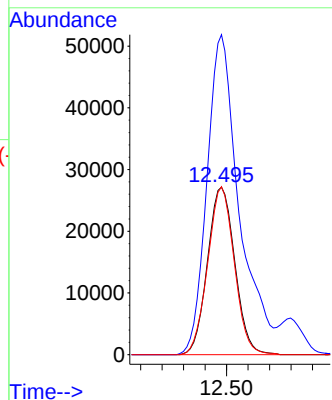
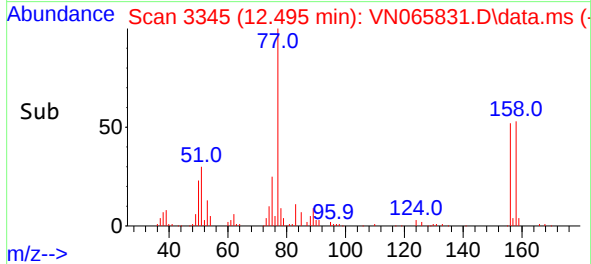




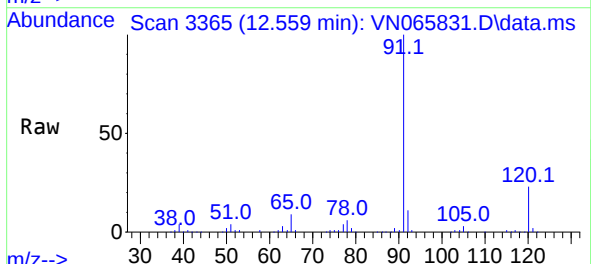
#73
Bromobenzene
Concen: 21.09 ug/l
RT: 12.495 min Scan# 3345
Delta R.T. 0.000 min
Lab File: VN065831.D
Acq: 12 Feb 2021 10:11



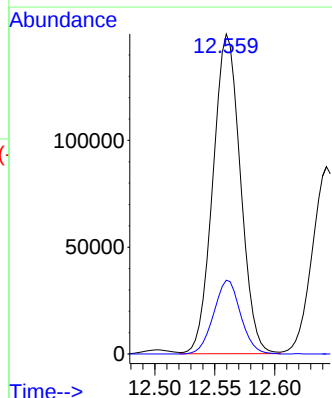
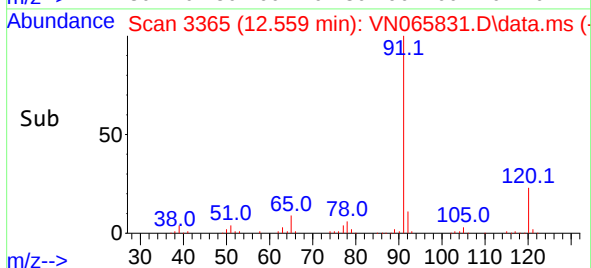
Tgt Ion:156 Resp: 48009
Ion Ratio Lower Upper
156 100
77 224.4 0.0 348.8
158 97.2 0.0 194.8



#74
n-propylbenzene
Concen: 20.40 ug/l
RT: 12.559 min Scan# 3365
Delta R.T. -0.003 min
Lab File: VN065831.D
Acq: 12 Feb 2021 10:11



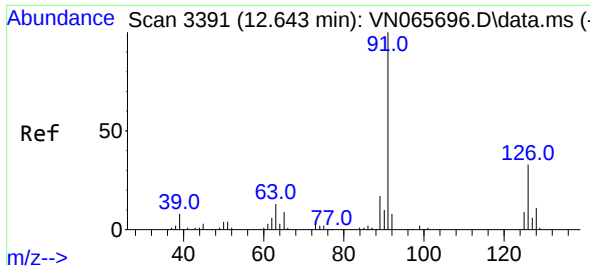
Tgt Ion: 91 Resp: 238323
Ion Ratio Lower Upper
91 100
120 22.6 0.0 49.4



Instrument :
MSVOA_N
ClientSampleId :
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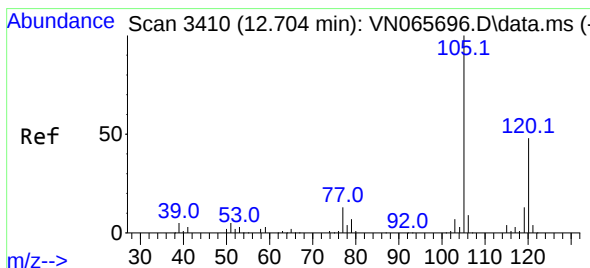
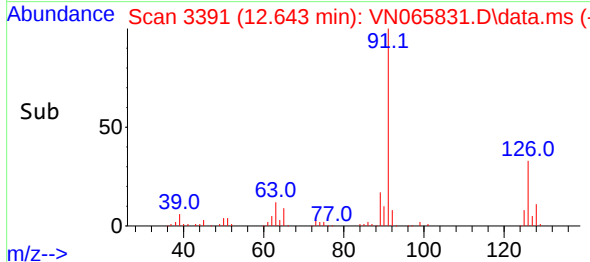
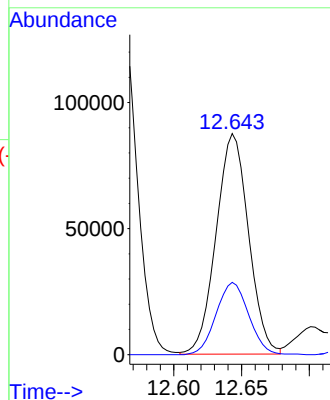
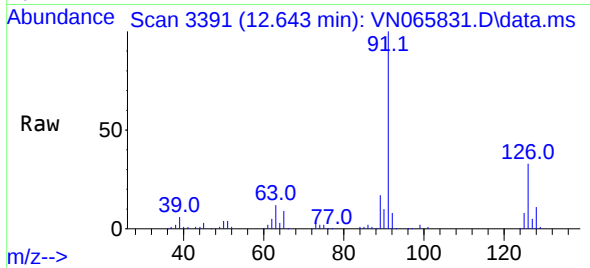
#75
2-Chlorotoluene
Concen: 20.60 ug/l
RT: 12.643 min Scan# 3391
Delta R.T. 0.000 min
Lab File: VN065831.D
Acq: 12 Feb 2021 10:11

Tgt Ion: 91 Resp: 145761
Ion Ratio Lower Upper
91 100
126 32.9 0.0 74.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

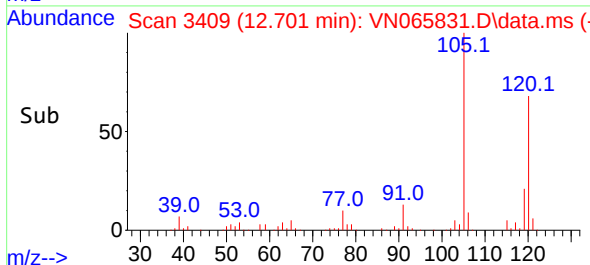
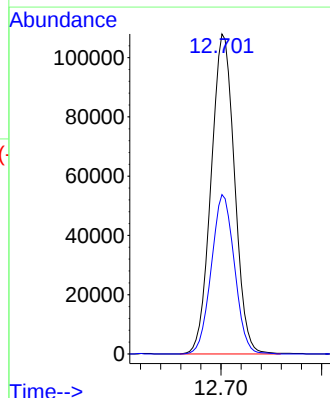
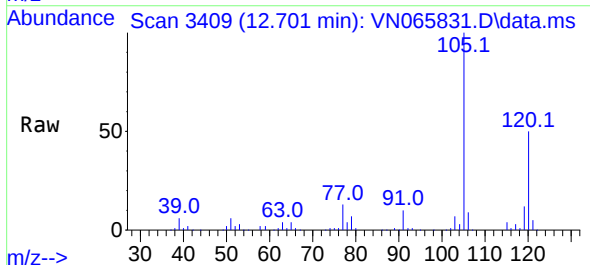
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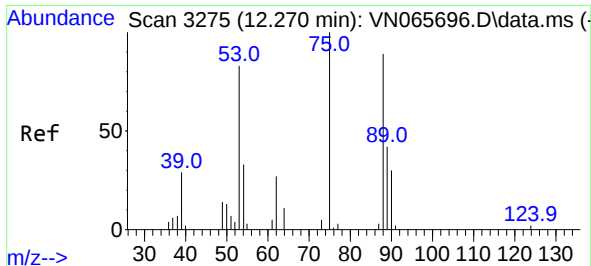
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#76
1,3,5-Trimethylbenzene
Concen: 20.65 ug/l
RT: 12.701 min Scan# 3409
Delta R.T. -0.003 min
Lab File: VN065831.D
Acq: 12 Feb 2021 10:11

Tgt Ion: 105 Resp: 174742
Ion Ratio Lower Upper
105 100
120 49.2 0.0 101.6





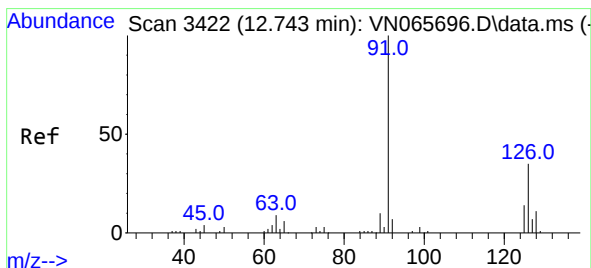
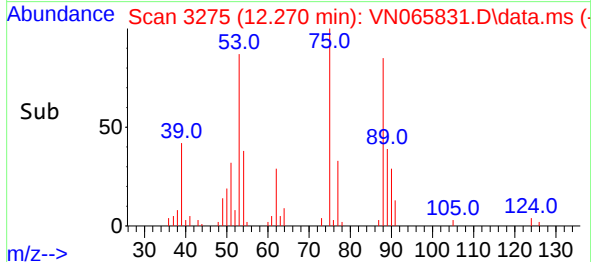
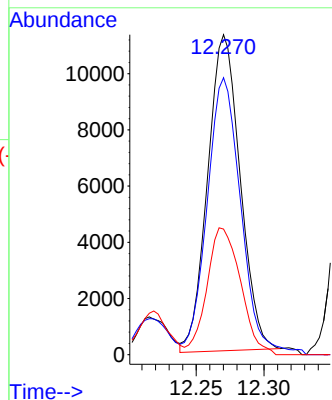
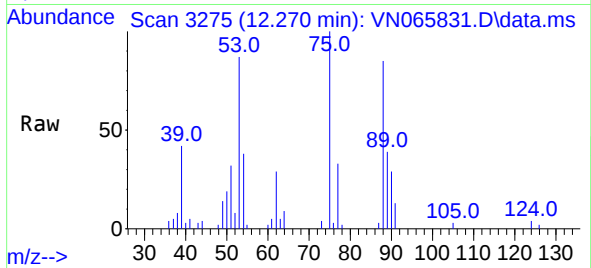
#77
t-1,4-Dichloro-2-butene
Concen: 16.54 ug/l
RT: 12.270 min Scan# 3275
Delta R.T. 0.000 min
Lab File: VN065831.D
Acq: 12 Feb 2021 10:11

Tgt Ion: 75 Resp: 18753
Ion Ratio Lower Upper
75 100
53 85.9 44.9 134.5
89 40.0 21.3 64.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

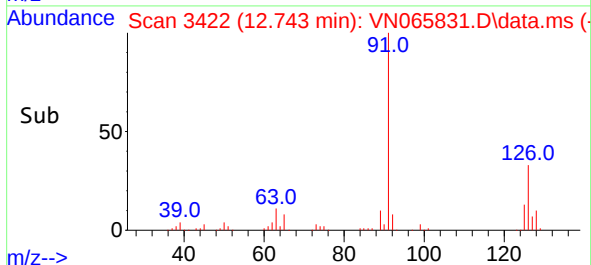
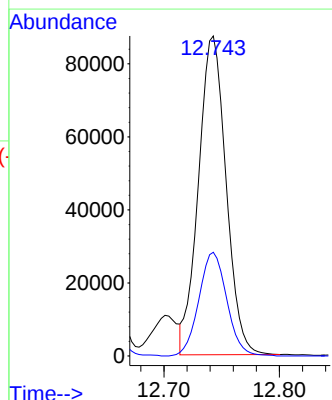
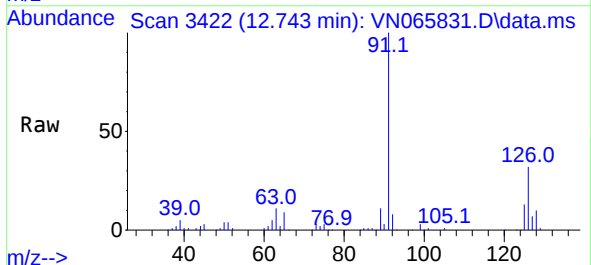
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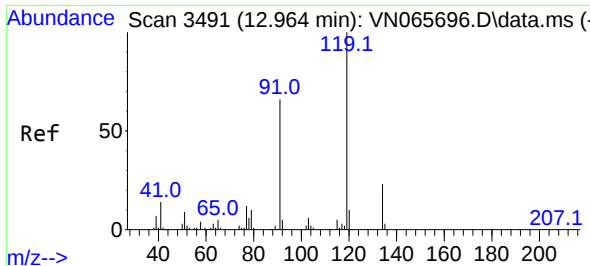
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#78
4-Chlorotoluene
Concen: 20.58 ug/l
RT: 12.743 min Scan# 3422
Delta R.T. 0.000 min
Lab File: VN065831.D
Acq: 12 Feb 2021 10:11

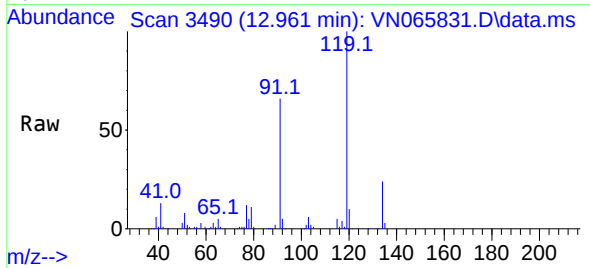
Tgt Ion: 91 Resp: 144863
Ion Ratio Lower Upper
91 100
126 33.0 0.0 71.4





#79
tert-butylbenzene
Concen: 20.04 ug/l
RT: 12.961 min Scan# 3490
Delta R.T. -0.003 min
Lab File: VN065831.D
Acq: 12 Feb 2021 10:11

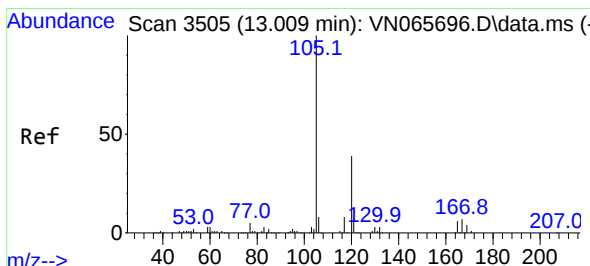
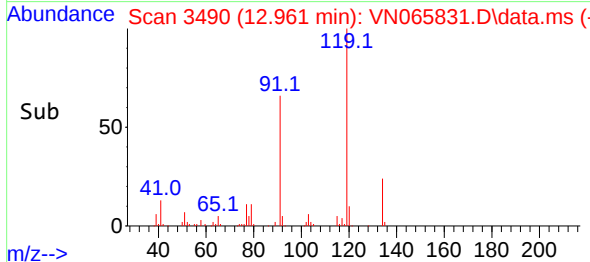
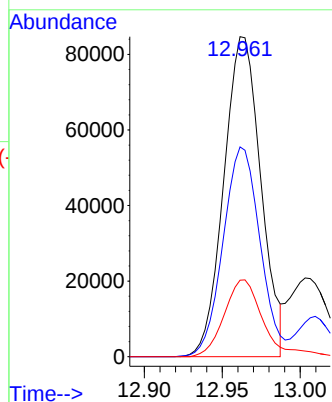
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion:119 Resp: 140044
Ion Ratio Lower Upper
119 100
91 65.4 0.0 126.0
134 25.3 0.0 51.2

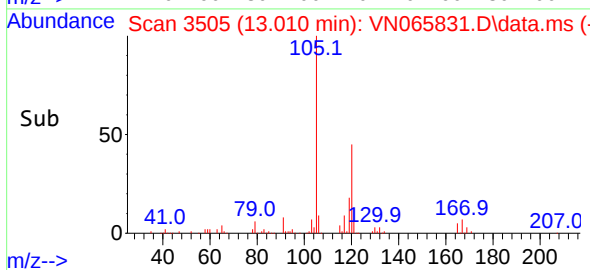
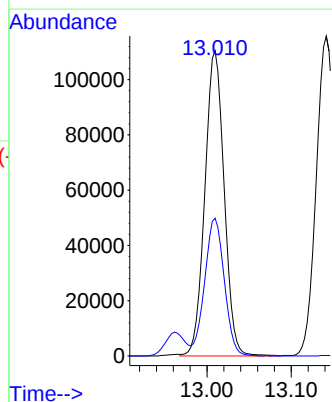
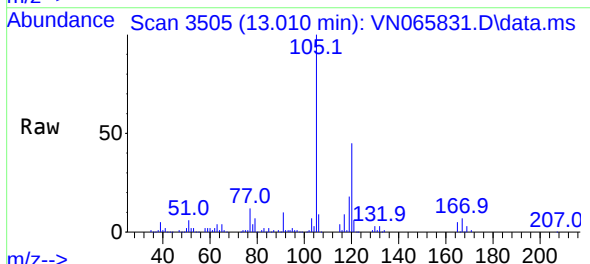
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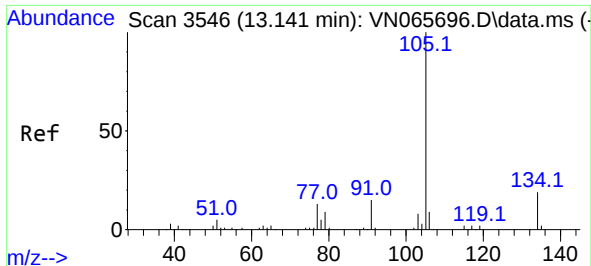
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#80
1,2,4-Trimethylbenzene
Concen: 20.79 ug/l
RT: 13.010 min Scan# 3505
Delta R.T. 0.000 min
Lab File: VN065831.D
Acq: 12 Feb 2021 10:11

Tgt Ion:105 Resp: 176080
Ion Ratio Lower Upper
105 100
120 45.8 0.0 93.6





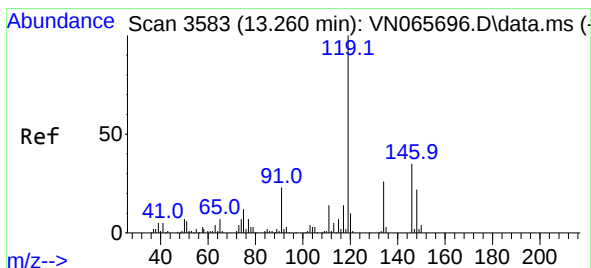
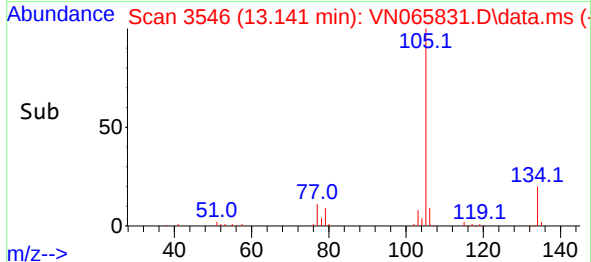
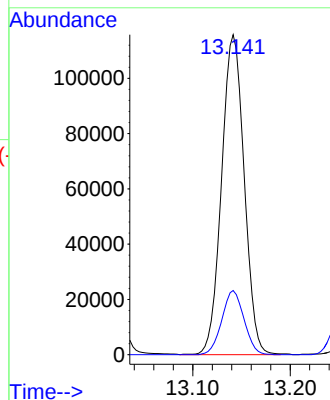
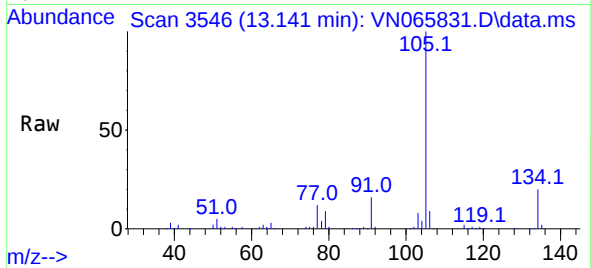
#81
 sec-Butylbenzene
 Concen: 20.01 ug/l
 RT: 13.141 min Scan# 3546
 Delta R.T. 0.000 min
 Lab File: VN065831.D
 Acq: 12 Feb 2021 10:11

Tgt Ion:105 Resp: 186689
 Ion Ratio Lower Upper
 105 100
 134 19.6 0.0 42.2

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

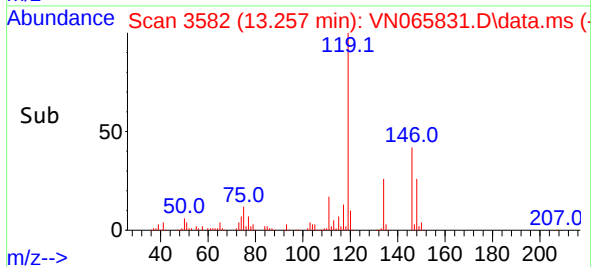
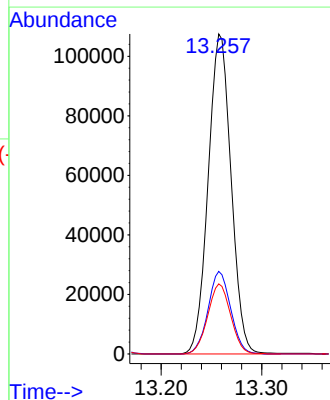
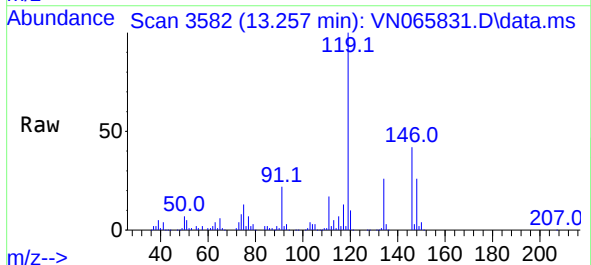
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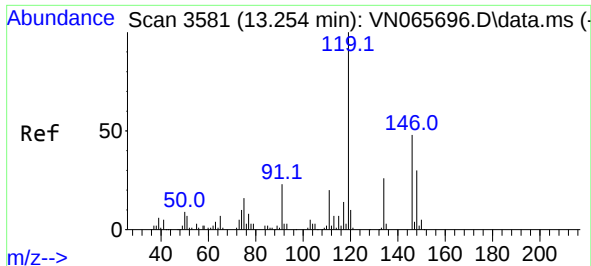
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#82
 p-Isopropyltoluene
 Concen: 20.43 ug/l
 RT: 13.257 min Scan# 3582
 Delta R.T. -0.003 min
 Lab File: VN065831.D
 Acq: 12 Feb 2021 10:11

Tgt Ion:119 Resp: 169793
 Ion Ratio Lower Upper
 119 100
 134 25.5 0.0 54.8
 91 22.0 0.0 44.8





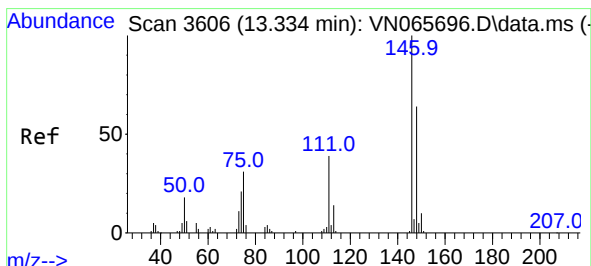
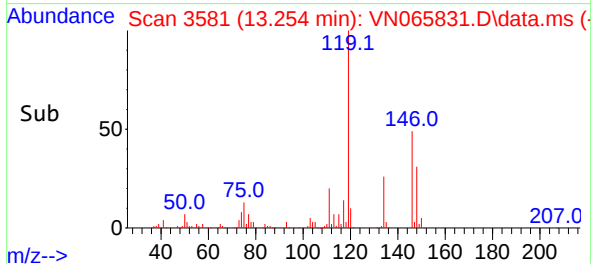
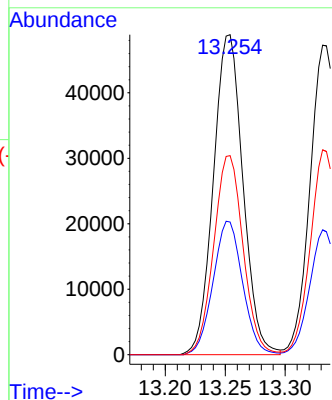
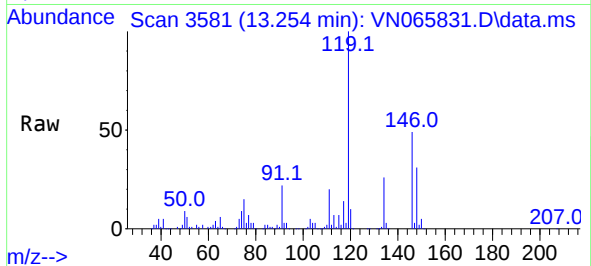
#83
1,3-Dichlorobenzene
Concen: 21.05 ug/l
RT: 13.254 min Scan# 3581
Delta R.T. 0.000 min
Lab File: VN065831.D
Acq: 12 Feb 2021 10:11

Tgt Ion:	146	Resp:	83825
Ion Ratio	Lower	Upper	
146	100		
111	41.6	18.6	55.8
148	61.9	32.0	96.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

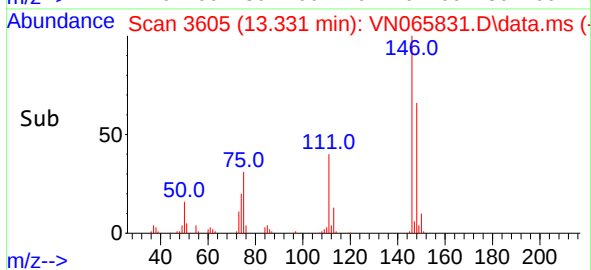
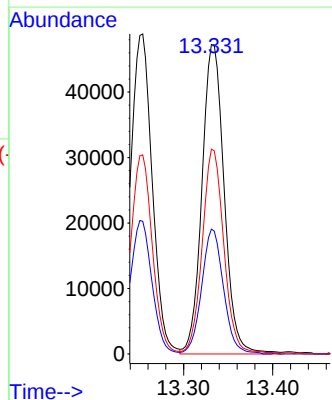
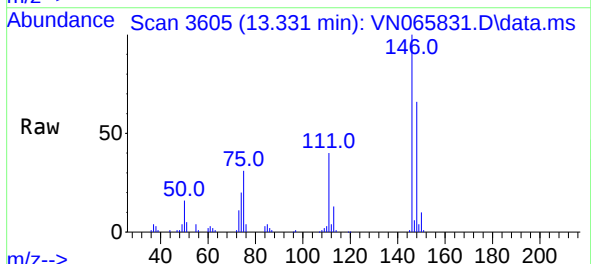
Manual Integrations
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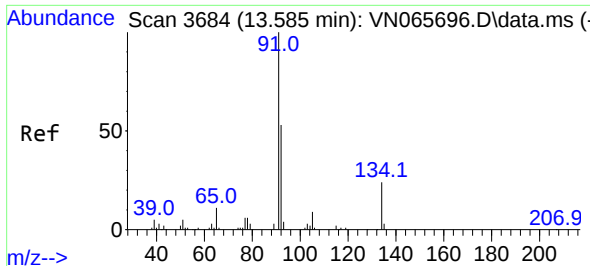
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#84
1,4-Dichlorobenzene
Concen: 20.97 ug/l
RT: 13.331 min Scan# 3605
Delta R.T. -0.003 min
Lab File: VN065831.D
Acq: 12 Feb 2021 10:11

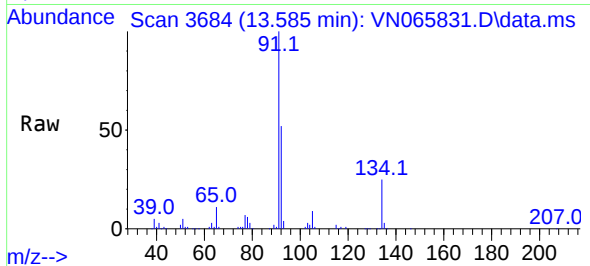
Tgt Ion:	146	Resp:	81901
Ion Ratio	Lower	Upper	
146	100		
111	39.6	17.9	53.7
148	64.5	31.8	95.4





#85
n-Butylbenzene
Concen: 19.17 ug/l
RT: 13.585 min Scan# 3684
Delta R.T. 0.000 min
Lab File: VN065831.D
Acq: 12 Feb 2021 10:11

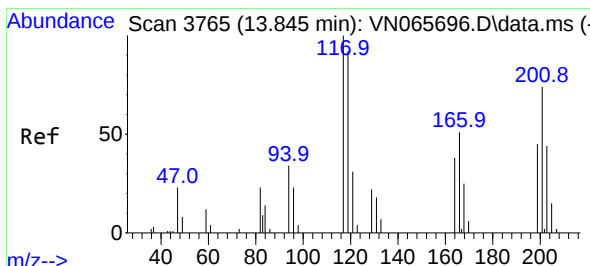
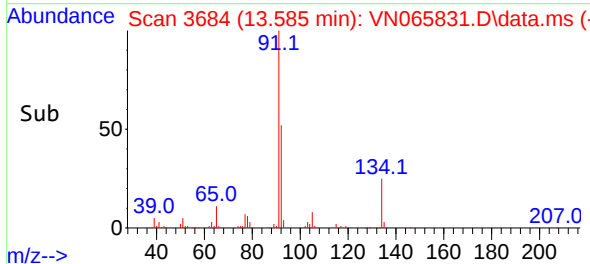
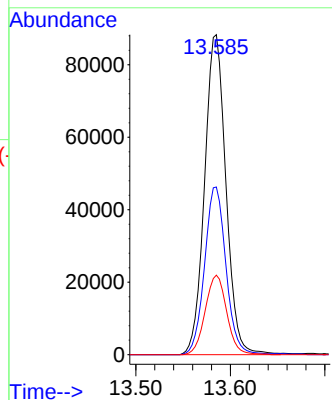
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 91 Resp: 139028
Ion Ratio Lower Upper
91 100
92 52.3 0.0 104.8
134 25.0 0.0 55.8

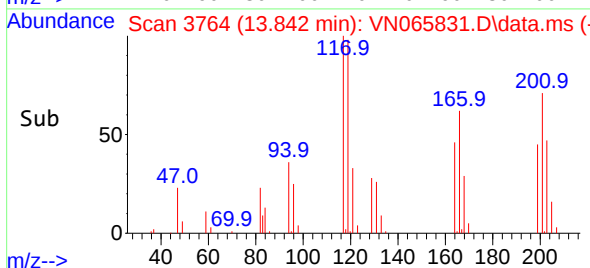
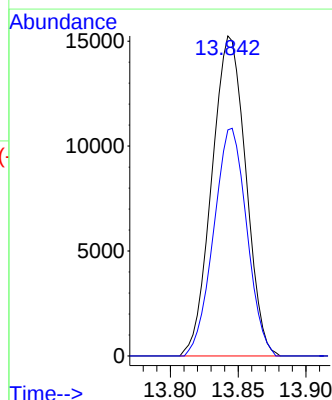
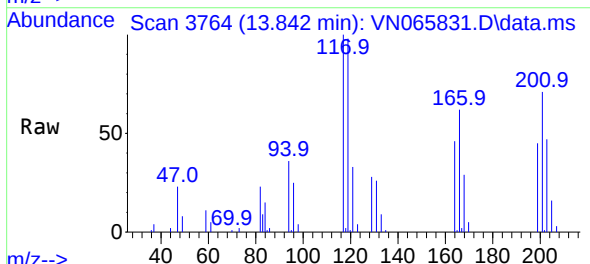
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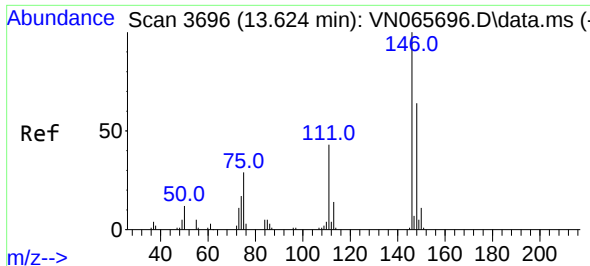
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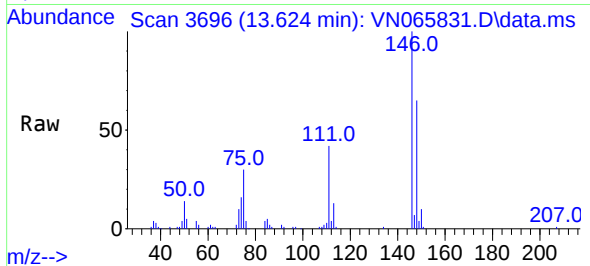
#86
Hexachloroethane
Concen: 18.43 ug/l
RT: 13.842 min Scan# 3764
Delta R.T. -0.003 min
Lab File: VN065831.D
Acq: 12 Feb 2021 10:11

Tgt Ion: 117 Resp: 26591
Ion Ratio Lower Upper
117 100
201 69.4 48.4 145.3

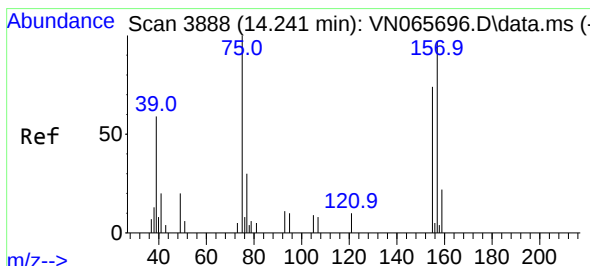
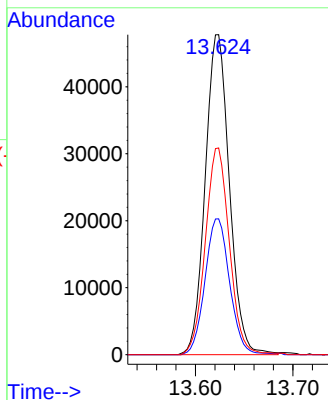
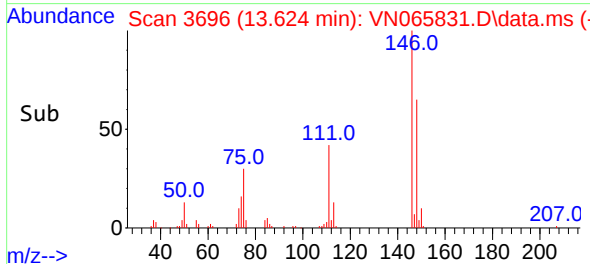




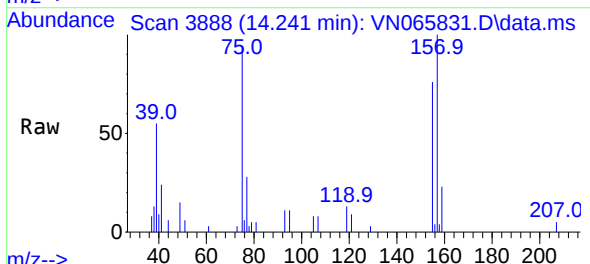
#87
1,2-Dichlorobenzene
Concen: 20.72 ug/l
RT: 13.624 min Scan# 3696
Delta R.T. 0.000 min
Lab File: VN065831.D
Acq: 12 Feb 2021 10:11



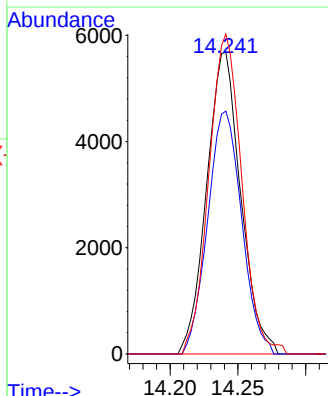
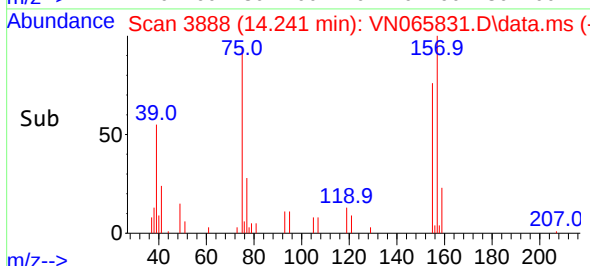
Tgt Ion: 146 Resp: 82479
Ion Ratio Lower Upper
146 100
111 43.3 18.9 56.9
148 64.1 32.3 96.8



#88
1,2-Dibromo-3-Chloropropane
Concen: 17.43 ug/l
RT: 14.241 min Scan# 3888
Delta R.T. 0.000 min
Lab File: VN065831.D
Acq: 12 Feb 2021 10:11



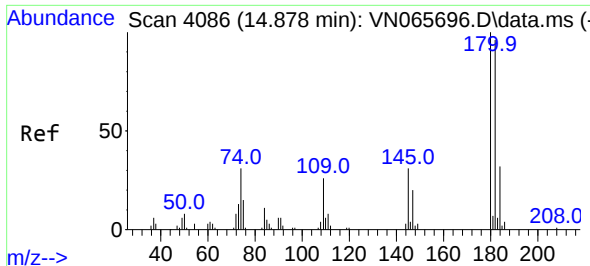
Tgt Ion: 75 Resp: 9958
Ion Ratio Lower Upper
75 100
155 80.2 76.9 115.3
157 101.4 105.8 158.8#



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

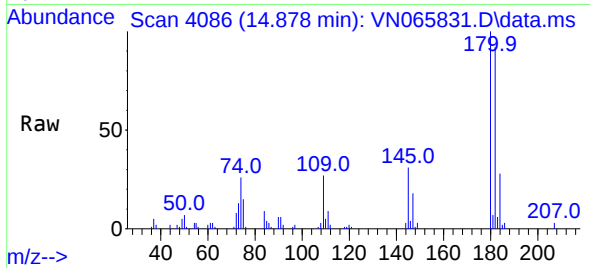
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#89
1,2,4-Trichlorobenzene
Concen: 18.10 ug/l
RT: 14.878 min Scan# 4086
Delta R.T. 0.000 min
Lab File: VN065831.D
Acq: 12 Feb 2021 10:11

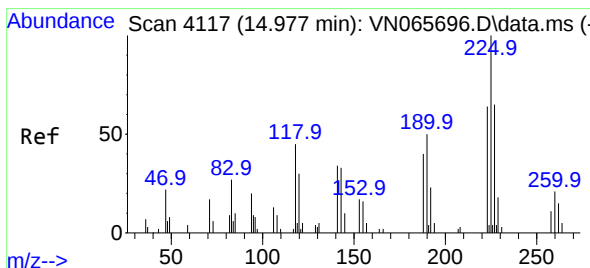
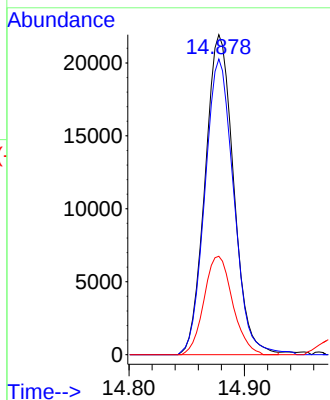
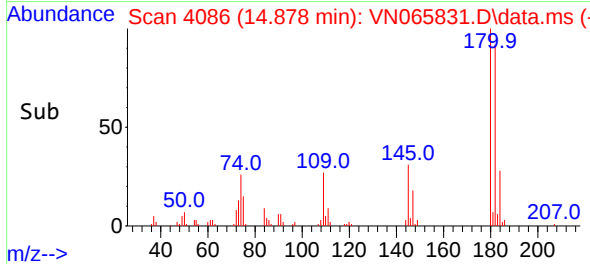
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



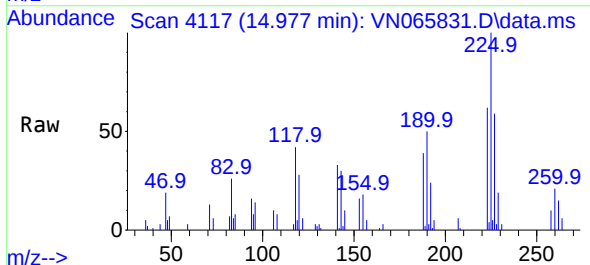
Tgt Ion:180 Resp: 37564
Ion Ratio Lower Upper
180 100
182 93.8 78.5 117.7
145 30.9 23.8 35.6

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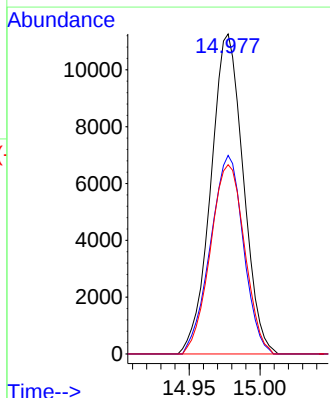
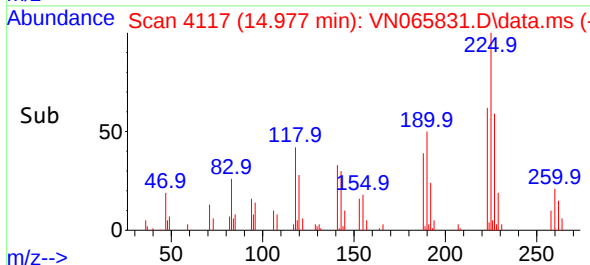
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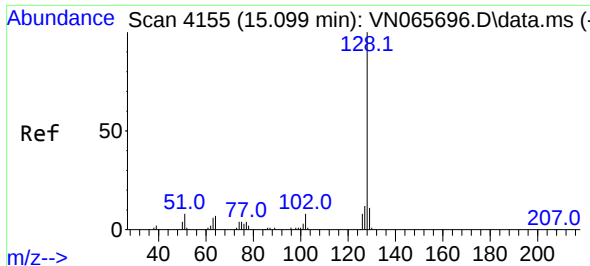


#90
Hexachlorobutadiene
Concen: 19.07 ug/l
RT: 14.977 min Scan# 4117
Delta R.T. 0.000 min
Lab File: VN065831.D
Acq: 12 Feb 2021 10:11



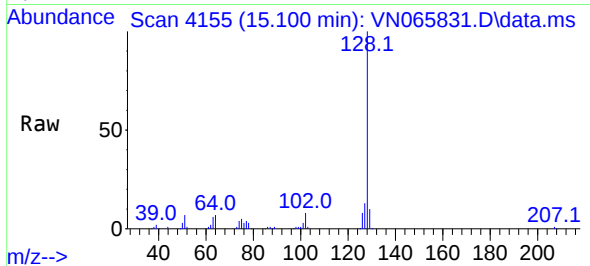
Tgt Ion:225 Resp: 17954
Ion Ratio Lower Upper
225 100
223 63.1 0.0 122.0
227 62.3 0.0 126.4





#91
Naphthalene
Concen: 17.10 ug/l
RT: 15.100 min Scan# 4155
Delta R.T. 0.000 min
Lab File: VN065831.D
Acq: 12 Feb 2021 10:11

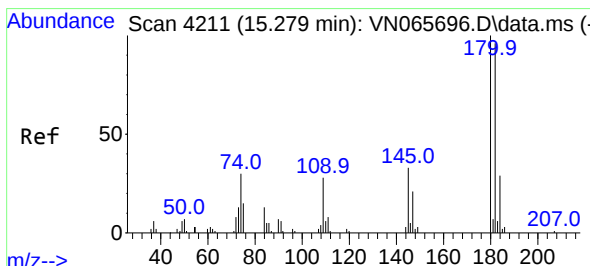
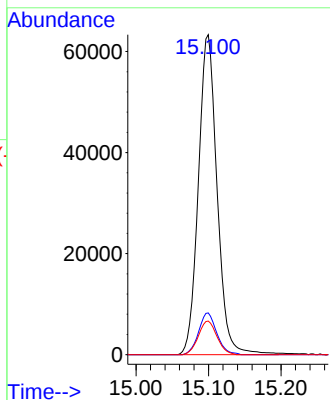
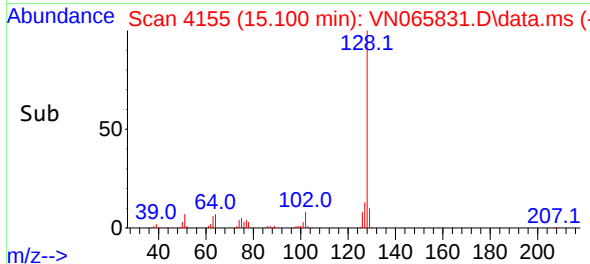
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ClientSampleId :
VSTDCCC020



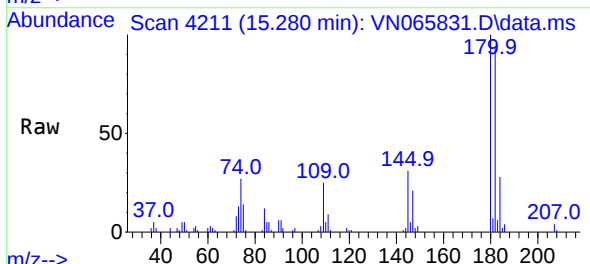
Tgt Ion:128 Resp: 113610
Ion Ratio Lower Upper
128 100
127 12.7 10.1 15.1
129 10.5 8.6 12.8

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#92
1,2,3-Trichlorobenzene
Concen: 18.35 ug/l
RT: 15.280 min Scan# 4211
Delta R.T. 0.000 min
Lab File: VN065831.D
Acq: 12 Feb 2021 10:11



Tgt Ion:180 Resp: 38205
Ion Ratio Lower Upper
180 100
182 94.2 0.0 190.4
145 31.8 0.0 57.8

