

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012021\
 Data File : VN065560.D
 Acq On : 20 Jan 2021 10:02
 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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Quant Time: Jan 21 01:20:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N011321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jan 14 04:12:08 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.158	128	31018	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.550	114	160885	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.379	117	149855	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.990	65	55992	28.89	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	96.30%	
60) 4-Bromofluorobenzene	12.376	95	65843	29.01	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	96.70%	
63) Toluene-d8	10.058	98	197137	30.05	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	100.17%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.849	85	30861	20.00	ug/l	93
3) Chloromethane	2.055	50	38625	20.21	ug/l	98
4) Vinyl Chloride	2.180	62	42788	20.33	ug/l	100
5) Bromomethane	2.550	94	31726	21.13	ug/l	99
6) Chloroethane	2.688	64	27663	20.22	ug/l	99
7) Trichlorofluoromethane	3.004	101	59644	21.27	ug/l	97
8) Diethyl Ether	3.389	74	24233	21.24	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.724	101	37456	22.49	ug/l	99
10) 1,1-Dichloroethene	3.701	96	36877	21.62	ug/l	96
11) Methyl Iodide	3.917	142	56854	21.12	ug/l	98
12) Methyl Acetate	4.293	43	36542	21.87	ug/l	96
13) Acrolein	3.579	56	28472	100.81	ug/l	98
14) Acrylonitrile	4.946	53	76693	101.33	ug/l	98
15) Acetone	3.791	58	33849	145.84	ug/l	96
16) Carbon Disulfide	4.010	76	82527	19.90	ug/l	100
17) Allyl chloride	4.283	41	49444	20.45	ug/l	97
18) Methylene Chloride	4.511	84	39300	21.23	ug/l	96
19) trans-1,2-Dichloroethene	4.994	96	36543	21.29	ug/l	96
20) Diisopropyl ether	5.913	45	104506	20.63	ug/l	98
21) 1,1-Dichloroethane	5.804	63	65184	21.54	ug/l	98
22) cis-1,2-Dichloroethene	6.788	96	42216	21.23	ug/l	96
23) tert-Butyl Alcohol	4.775	59	23077	98.66	ug/l #	100
24) Methyl tert-Butyl Ether	5.007	73	104172	20.83	ug/l #	77
25) Chloroform	7.331	83	67252	21.54	ug/l	97
26) Cyclohexane	7.614	56	50811	20.00	ug/l #	98
29) 1,1-Dichloropropene	7.753	75	48936	21.40	ug/l	100
30) 2-Butanone	6.801	43	108916	118.12	ug/l	98
31) 2,2-Dichloropropane	6.782	77	53175	22.52	ug/l	98
32) 1,1,1-Trichloroethane	7.527	97	56773	21.96	ug/l	97
33) Carbon Tetrachloride	7.733	117	48845	21.47	ug/l	98
34) Benzene	8.003	78	151592	21.55	ug/l	95
35) Methacrylonitrile	7.129	41	15621	16.32	ug/l	98
36) 1,2-Dichloroethane	8.087	62	49203	21.19	ug/l	98
37) Trichloroethene	8.801	130	45937	21.93	ug/l	95
38) Methylcyclohexane	9.045	83	56243	21.20	ug/l	98
39) 1,2-Dichloropropane	9.084	63	40164	21.99	ug/l	98
40) Dibromomethane	9.174	93	26368	21.55	ug/l	99
41) Bromodichloromethane	9.370	83	51111	21.57	ug/l	99
42) Vinyl Acetate	5.856	43	408406	102.15	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	6.894	43	39352	19.97	ug/l	96
44) Isopropyl Acetate	8.132	43	66254	20.14	ug/l	98
45) 1,4-Dioxane	9.170	88	9821	419.70	ug/l	94
46) Methyl methacrylate	9.167	41	31518	19.41	ug/l	96
47) n-amyl Acetate	12.042	43	54209	19.05	ug/l	99
48) t-1,3-Dichloropropene	10.351	75	54345	20.67	ug/l	99
49) cis-1,3-Dichloropropene	9.807	75	62342	21.57	ug/l	97
50) 1,1,2-Trichloroethane	10.534	97	39380	21.99	ug/l	99
51) Ethyl methacrylate	10.399	69	50315	20.06	ug/l	96
52) 1,3-Dichloropropane	10.675	76	63645	21.44	ug/l	98
53) Dibromochloromethane	10.871	129	43104	21.74	ug/l	98
54) 1,2-Dibromoethane	10.977	107	40322	21.05	ug/l	99
55) 2-Chloroethyl vinyl ether	9.662	63	101540	92.44	ug/l	99
56) Bromoform	12.100	173	31647	20.50	ug/l	96
58) 4-Methyl-2-Pentanone	9.952	43	197995	99.55	ug/l	97
59) 2-Hexanone	10.723	43	151079	104.99	ug/l	98
61) Tetrachloroethene	10.601	164	54568	22.79	ug/l	98
62) Toluene	10.122	91	169009	21.60	ug/l	100
64) Chlorobenzene	11.405	112	110966	21.82	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.479	131	41036	21.47	ug/l	95
66) Ethyl Benzene	11.482	91	178814	20.91	ug/l	99
67) m/p-Xylenes	11.592	106	143644	42.94	ug/l	97
68) o-Xylene	11.920	106	68565	21.21	ug/l	97
69) Styrene	11.936	104	113905	21.10	ug/l	99
70) Isopropylbenzene	12.222	105	180102	21.31	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.476	83	49410	20.55	ug/l	99
72) 1,2,3-Trichloropropane	12.527	75	44948m	19.71	ug/l	
73) Bromobenzene	12.498	156	51257	21.20	ug/l	99
74) n-propylbenzene	12.563	91	202680	21.40	ug/l	100
75) 2-Chlorotoluene	12.646	91	120792	21.13	ug/l	99
76) 1,3,5-Trimethylbenzene	12.707	105	154745	21.37	ug/l	100
77) t-1,4-Dichloro-2-butene	12.273	75	15907	19.83	ug/l	97
78) 4-Chlorotoluene	12.746	91	122204	21.14	ug/l	98
79) tert-butylbenzene	12.968	119	132364	21.27	ug/l	97
80) 1,2,4-Trimethylbenzene	13.013	105	155128	21.53	ug/l	99
81) sec-Butylbenzene	13.145	105	172745	21.47	ug/l	99
82) p-Isopropyltoluene	13.264	119	160882	21.40	ug/l	99
83) 1,3-Dichlorobenzene	13.257	146	86130	21.50	ug/l	100
84) 1,4-Dichlorobenzene	13.338	146	82874	21.20	ug/l	100
85) n-Butylbenzene	13.588	91	128454	21.61	ug/l	99
86) Hexachloroethane	13.846	117	25512	20.62	ug/l	95
87) 1,2-Dichlorobenzene	13.627	146	86011	21.79	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	14.244	75	8655	20.16	ug/l	94
89) 1,2,4-Trichlorobenzene	14.881	180	44597	23.22	ug/l	98
90) Hexachlorobutadiene	14.981	225	31833	23.07	ug/l	100
91) Naphthalene	15.103	128	104156	22.96	ug/l	100
92) 1,2,3-Trichlorobenzene	15.283	180	45716	22.83	ug/l	100

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

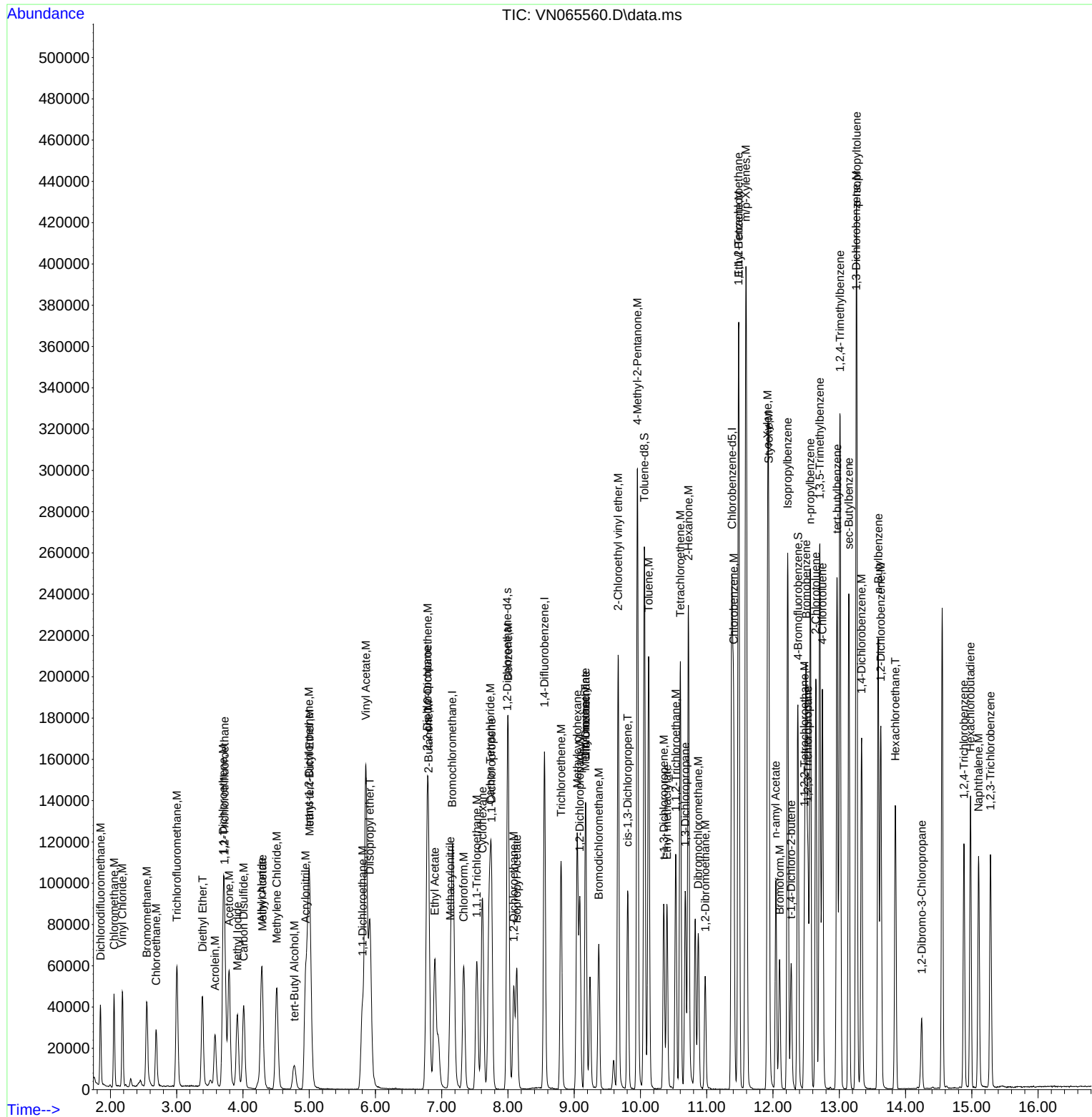
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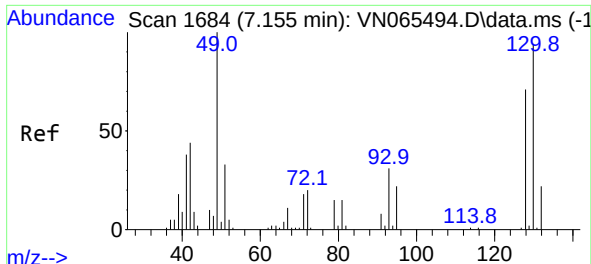
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ClientSampleId :
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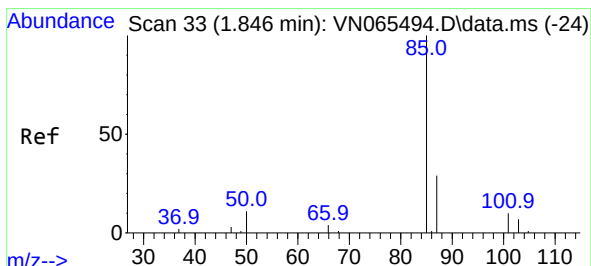
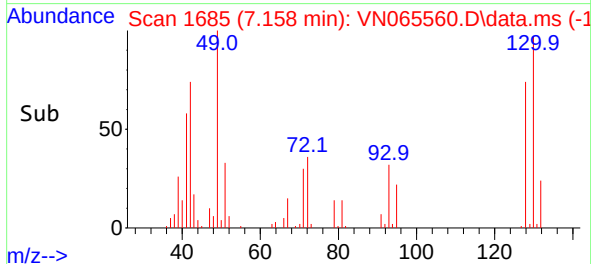
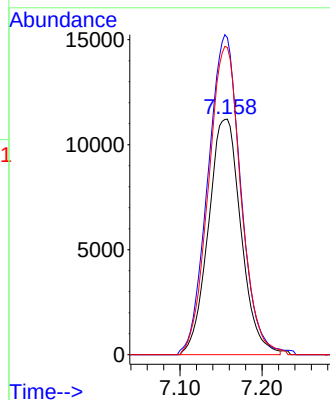
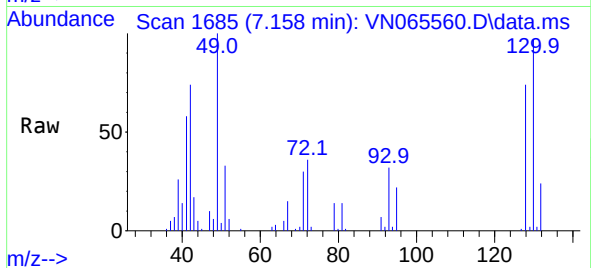
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Bromochloromethane
Concen: 30.00 ug/l
RT: 7.158 min Scan# 1685
Delta R.T. 0.003 min
Lab File: VN065560.D
Acq: 20 Jan 2021 10:02

Tgt Ion:128 Resp: 31018
Ion Ratio Lower Upper
128 100
49 136.3 0.0 355.0
130 130.6 0.0 325.5

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020

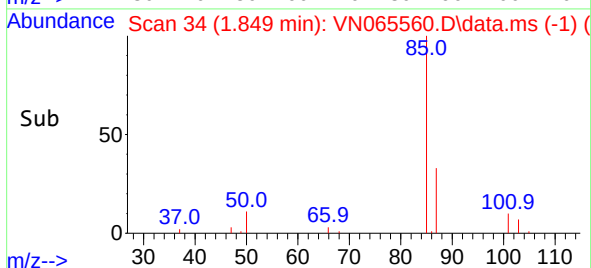
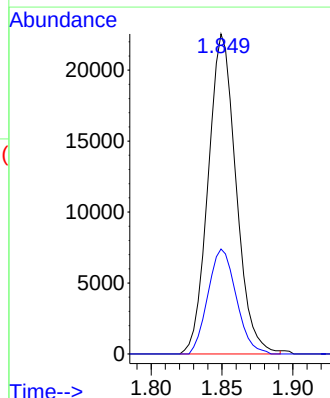
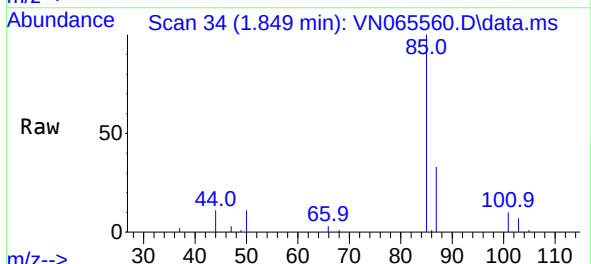
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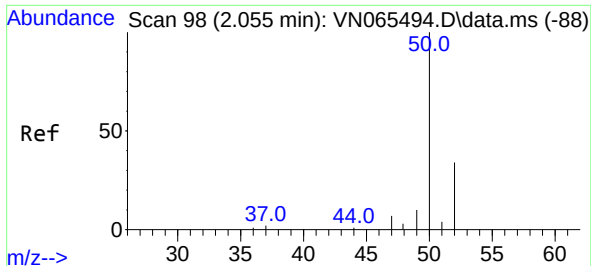
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#2
Dichlorodifluoromethane
Concen: 20.00 ug/l
RT: 1.849 min Scan# 34
Delta R.T. 0.003 min
Lab File: VN065560.D
Acq: 20 Jan 2021 10:02

Tgt Ion: 85 Resp: 30861
Ion Ratio Lower Upper
85 100
87 32.8 14.6 43.8





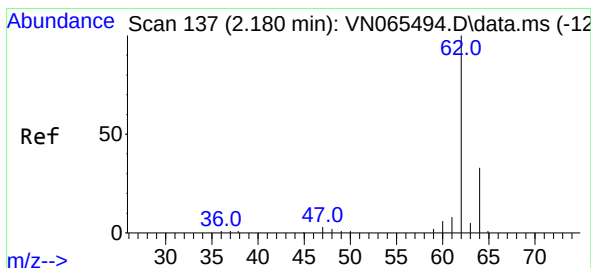
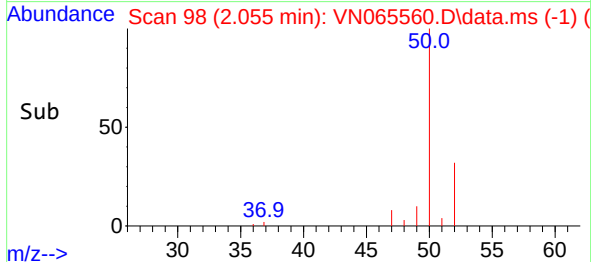
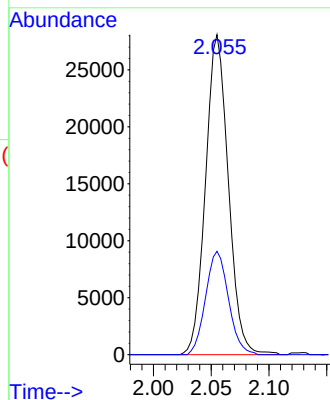
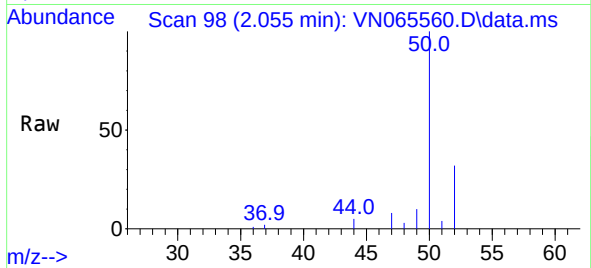
#3
Chloromethane
Concen: 20.21 ug/l
RT: 2.055 min Scan# 98
Delta R.T. -0.000 min
Lab File: VN065560.D
Acq: 20 Jan 2021 10:02

Tgt Ion: 50 Resp: 38625
Ion Ratio Lower Upper
50 100
52 32.3 26.8 40.2

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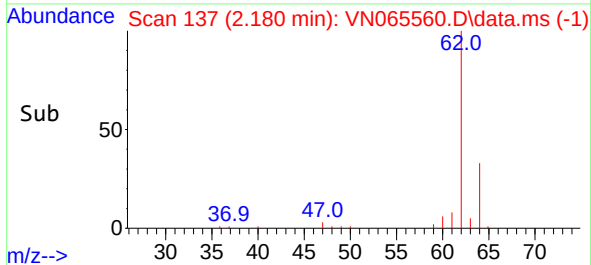
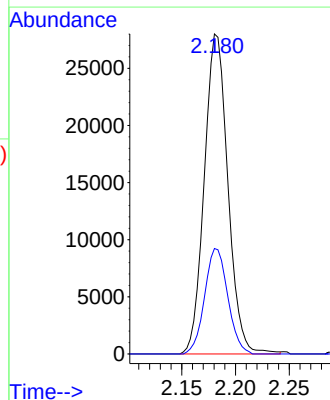
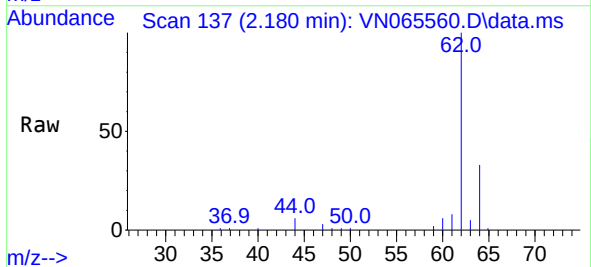
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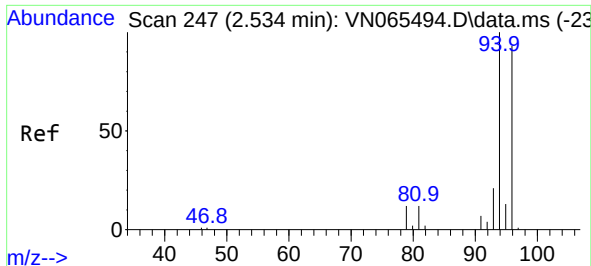
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#4
Vinyl Chloride
Concen: 20.33 ug/l
RT: 2.180 min Scan# 137
Delta R.T. -0.000 min
Lab File: VN065560.D
Acq: 20 Jan 2021 10:02

Tgt Ion: 62 Resp: 42788
Ion Ratio Lower Upper
62 100
64 32.9 26.2 39.4





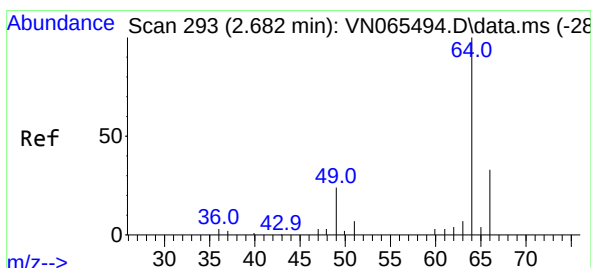
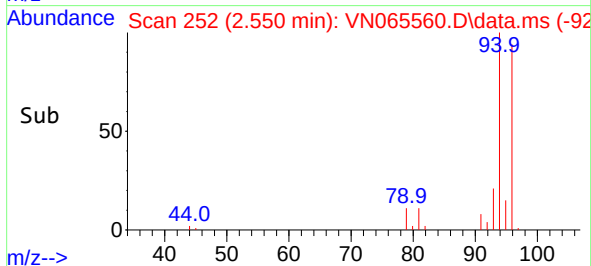
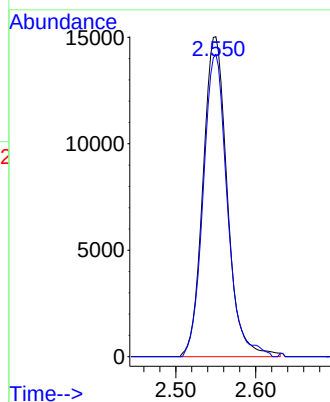
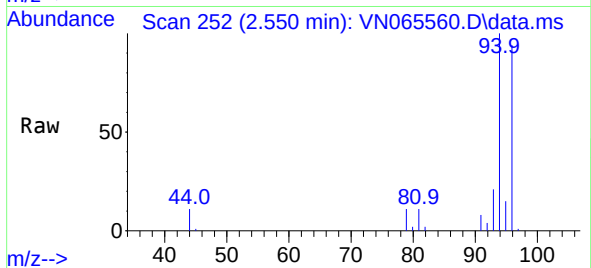
#5
Bromomethane
Concen: 21.13 ug/l
RT: 2.550 min Scan# 252
Delta R.T. 0.016 min
Lab File: VN065560.D
Acq: 20 Jan 2021 10:02

Tgt Ion: 94 Resp: 31726
Ion Ratio Lower Upper
94 100
96 94.5 74.6 111.8

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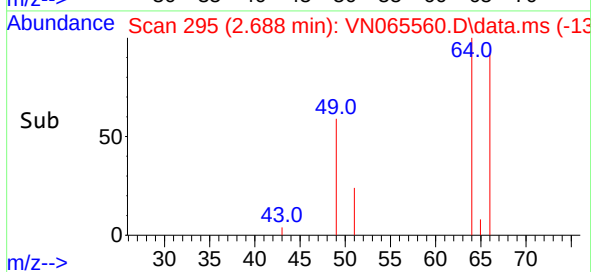
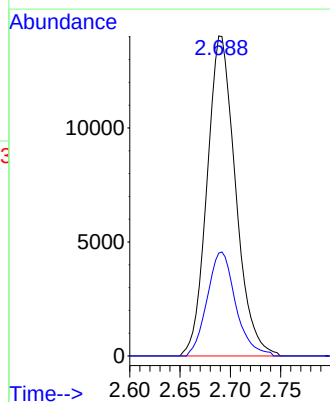
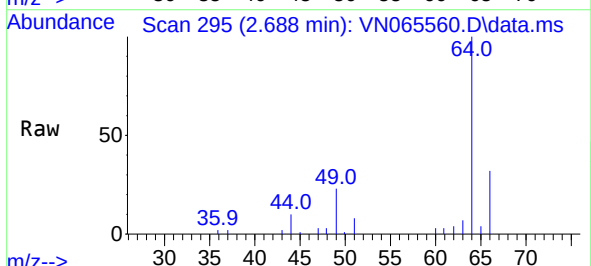
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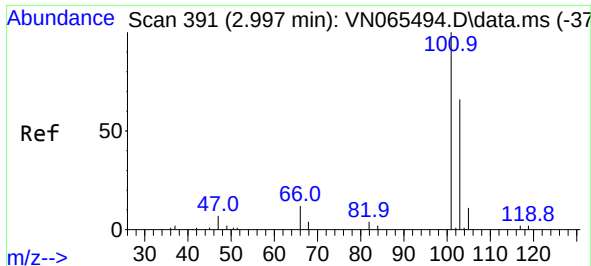
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#6
Chloroethane
Concen: 20.22 ug/l
RT: 2.688 min Scan# 295
Delta R.T. 0.006 min
Lab File: VN065560.D
Acq: 20 Jan 2021 10:02

Tgt Ion: 64 Resp: 27663
Ion Ratio Lower Upper
64 100
66 32.1 26.3 39.5





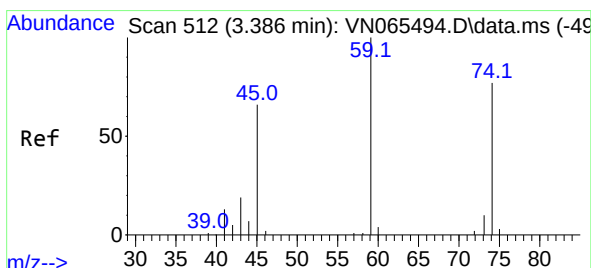
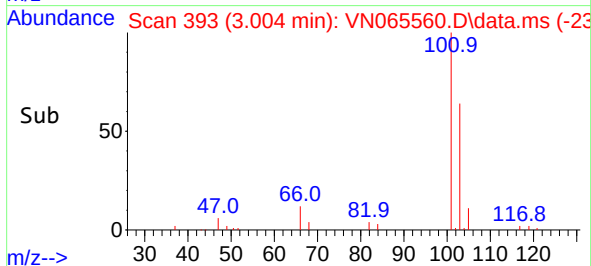
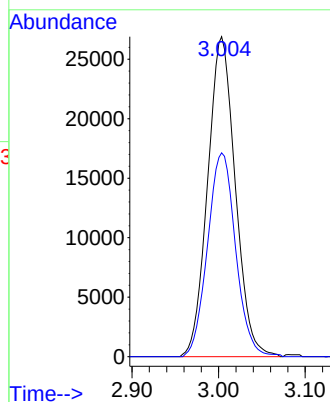
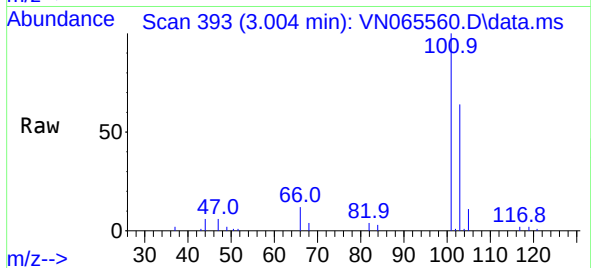
#7
Trichlorofluoromethane
Concen: 21.27 ug/l
RT: 3.004 min Scan# 393
Delta R.T. 0.006 min
Lab File: VN065560.D
Acq: 20 Jan 2021 10:02

Tgt Ion:101 Resp: 59644
Ion Ratio Lower Upper
101 100
103 63.7 52.6 78.8

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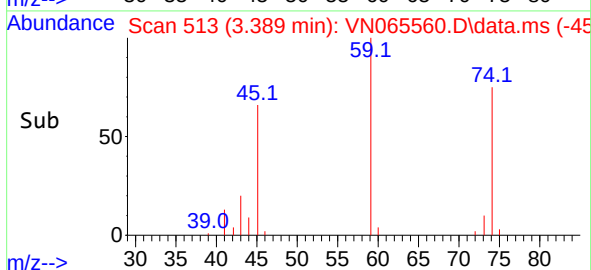
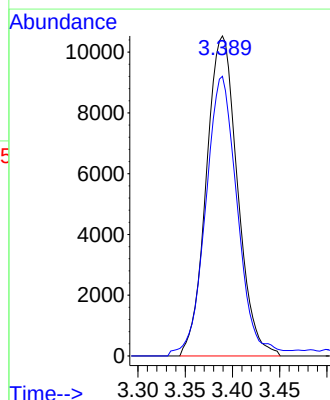
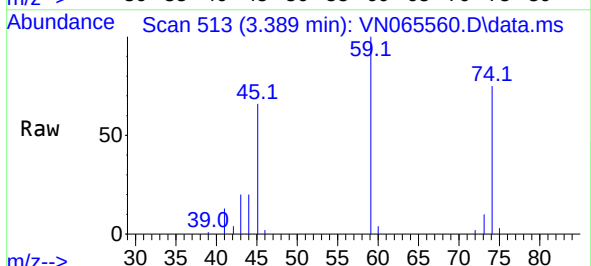
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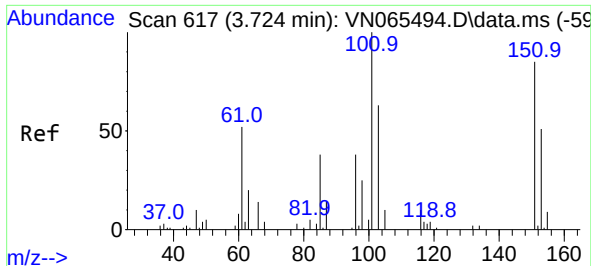
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#8
Diethyl Ether
Concen: 21.24 ug/l
RT: 3.389 min Scan# 513
Delta R.T. 0.003 min
Lab File: VN065560.D
Acq: 20 Jan 2021 10:02

Tgt Ion: 74 Resp: 24233
Ion Ratio Lower Upper
74 100
45 87.2 18.5 166.9





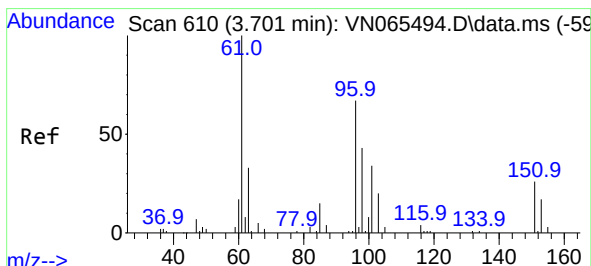
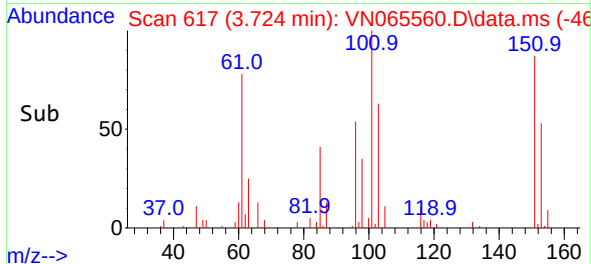
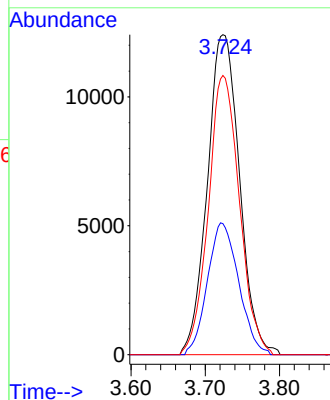
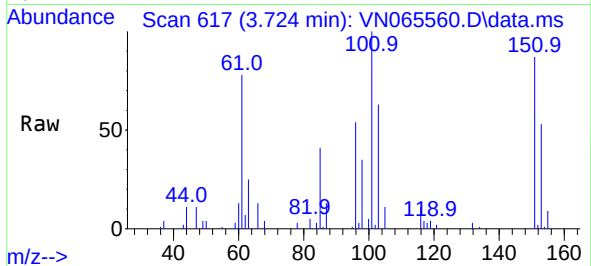
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.49 ug/l
RT: 3.724 min Scan# 617
Delta R.T. -0.000 min
Lab File: VN065560.D
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Tgt Ion: 101 Resp: 37456
Ion Ratio Lower Upper
101 100
85 39.9 0.0 80.6
151 84.1 0.0 169.2

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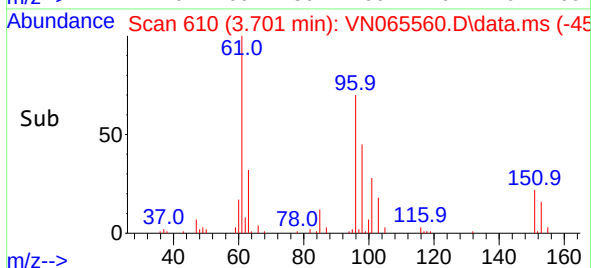
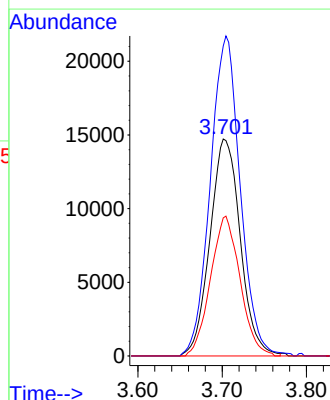
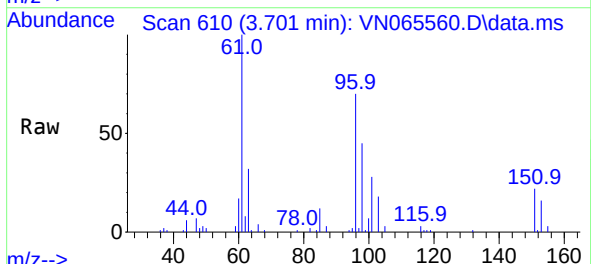
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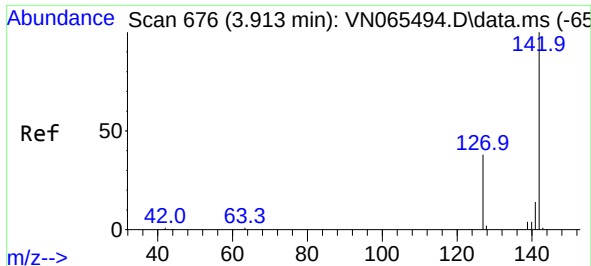
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#10
1,1-Dichloroethene
Concen: 21.62 ug/l
RT: 3.701 min Scan# 610
Delta R.T. -0.000 min
Lab File: VN065560.D
Acq: 20 Jan 2021 10:02

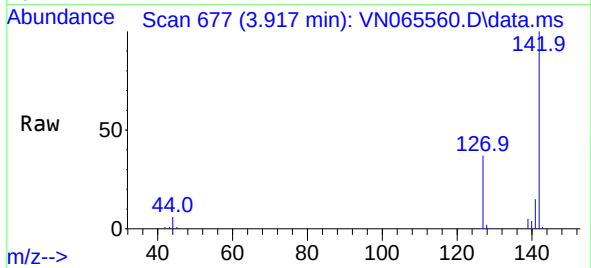
Tgt Ion: 96 Resp: 36877
Ion Ratio Lower Upper
96 100
61 142.8 119.9 179.9
98 63.6 51.2 76.8





#11
Methyl Iodide
Concen: 21.12 ug/l
RT: 3.917 min Scan# 677
Delta R.T. 0.003 min
Lab File: VN065560.D
Acq: 20 Jan 2021 10:02

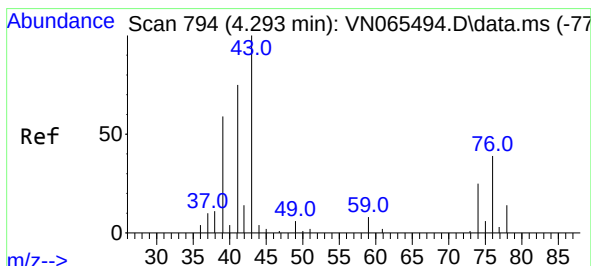
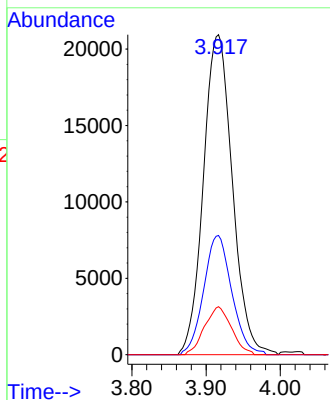
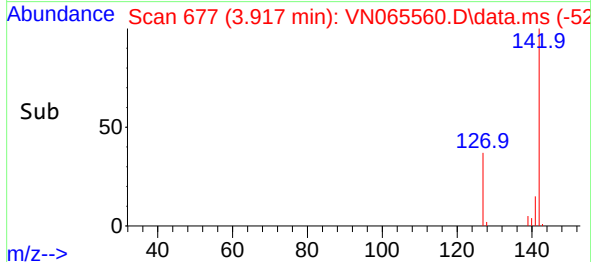
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020



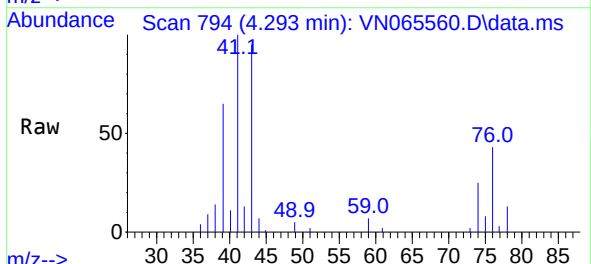
Tgt Ion:142 Resp: 56854
Ion Ratio Lower Upper
142 100
127 37.3 19.1 57.5
141 15.0 7.0 20.9

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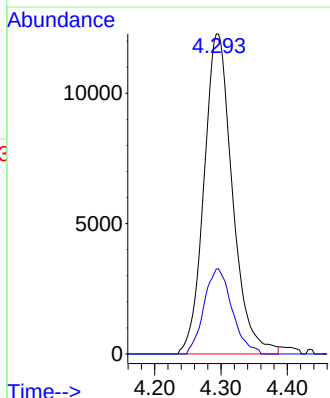
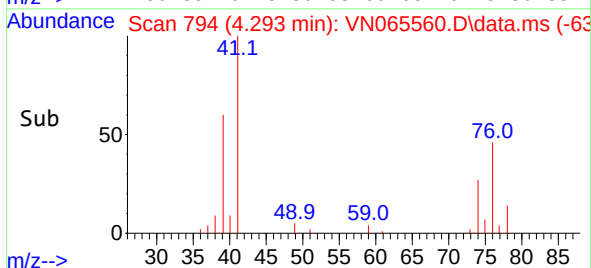
SAM
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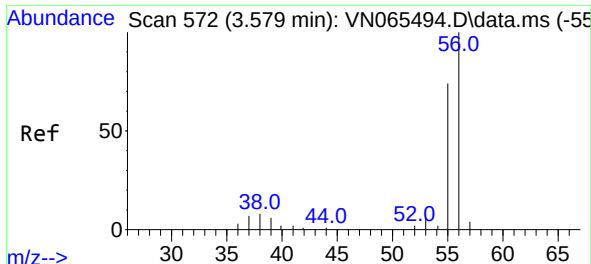


#12
Methyl Acetate
Concen: 21.87 ug/l
RT: 4.293 min Scan# 794
Delta R.T. -0.000 min
Lab File: VN065560.D
Acq: 20 Jan 2021 10:02



Tgt Ion: 43 Resp: 36542
Ion Ratio Lower Upper
43 100
74 26.9 19.9 29.9





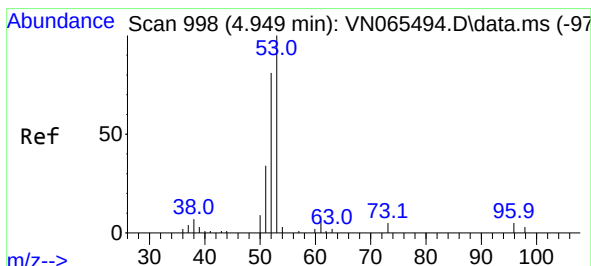
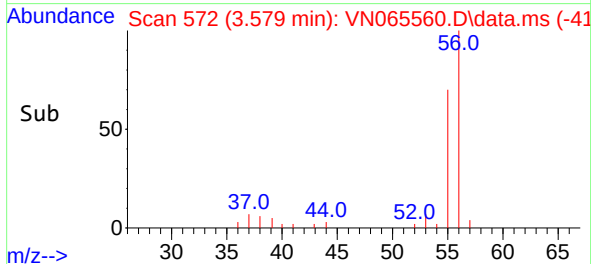
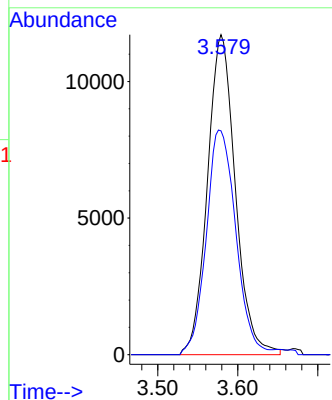
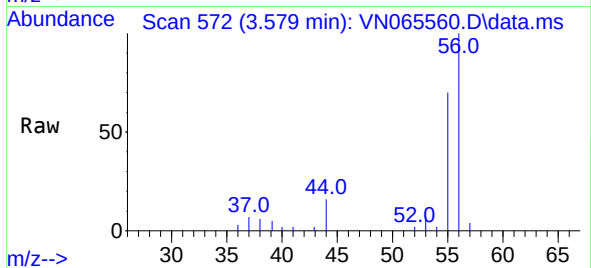
#13
Acrolein
Concen: 100.81 ug/l
RT: 3.579 min Scan# 572
Delta R.T. -0.000 min
Lab File: VN065560.D
Acq: 20 Jan 2021 10:02

Tgt Ion: 56 Resp: 28472
Ion Ratio Lower Upper
56 100
55 74.2 57.7 86.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

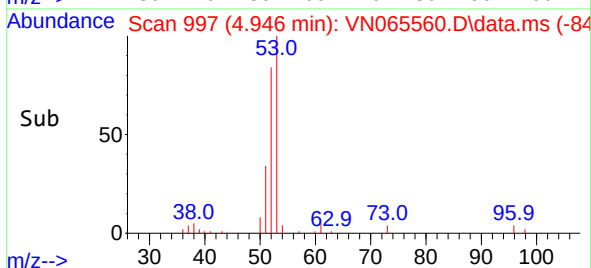
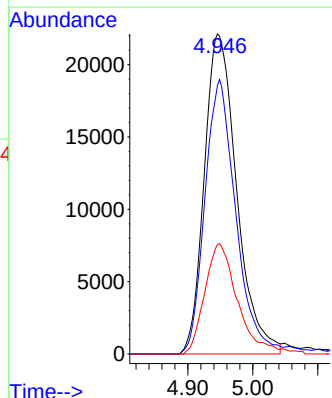
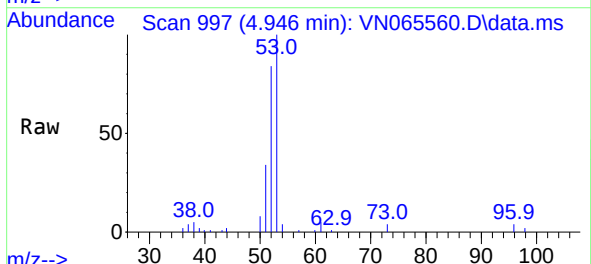
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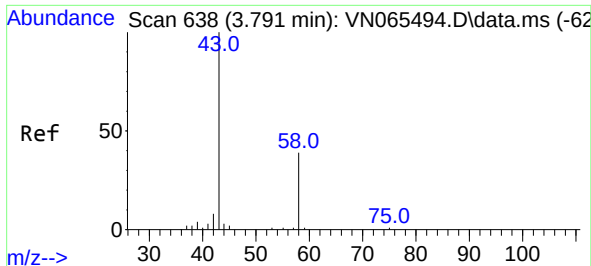
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#14
Acrylonitrile
Concen: 101.33 ug/l
RT: 4.946 min Scan# 997
Delta R.T. -0.003 min
Lab File: VN065560.D
Acq: 20 Jan 2021 10:02

Tgt Ion: 53 Resp: 76693
Ion Ratio Lower Upper
53 100
52 81.7 40.7 122.1
51 33.0 18.3 54.8





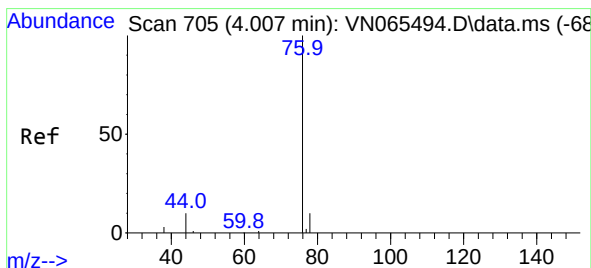
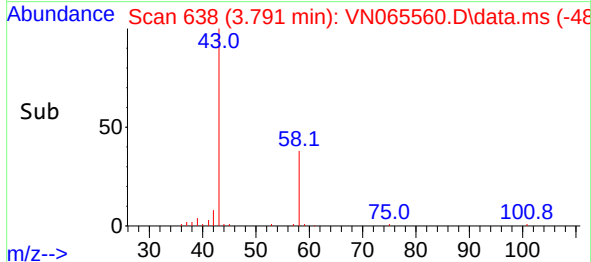
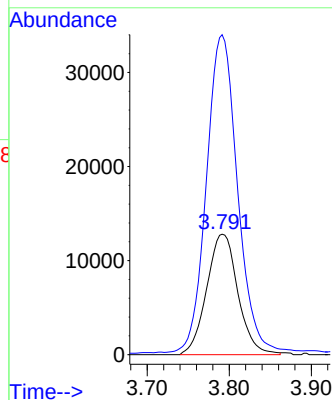
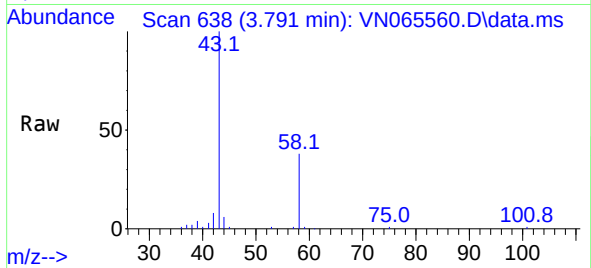
#15
Acetone
Concen: 145.84 ug/l
RT: 3.791 min Scan# 638
Delta R.T. -0.000 min
Lab File: VN065560.D
Acq: 20 Jan 2021 10:02

Tgt Ion: 58 Resp: 33849
Ion Ratio Lower Upper
58 100
43 261.1 203.4 305.0

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020

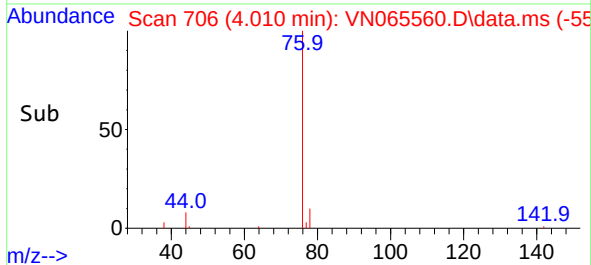
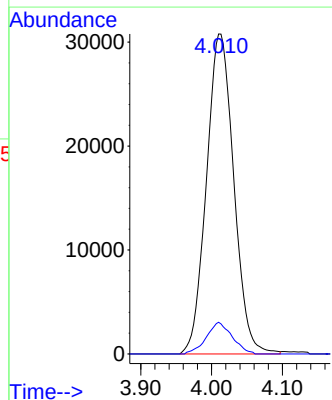
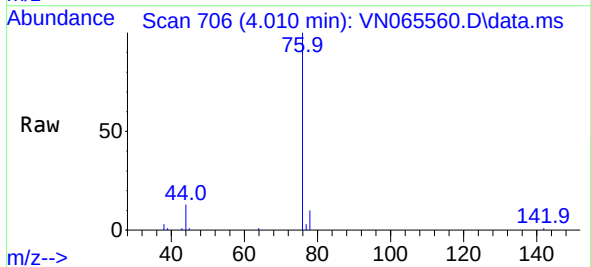
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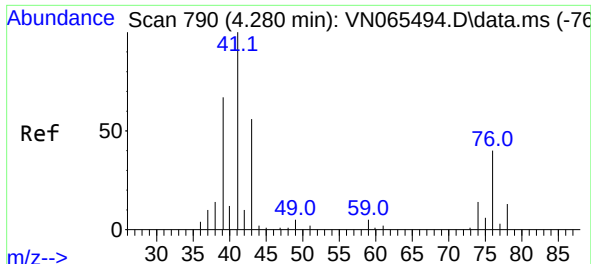
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#16
Carbon Disulfide
Concen: 19.90 ug/l
RT: 4.010 min Scan# 706
Delta R.T. 0.003 min
Lab File: VN065560.D
Acq: 20 Jan 2021 10:02

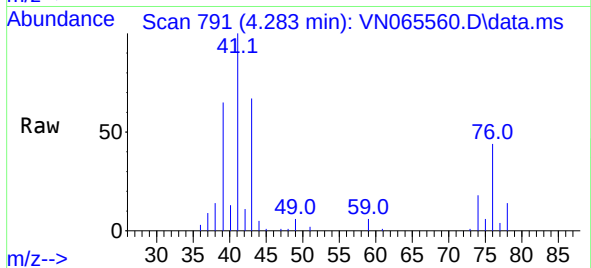
Tgt Ion: 76 Resp: 82527
Ion Ratio Lower Upper
76 100
78 9.9 7.8 11.8





#17
 Allyl chloride
 Concen: 20.45 ug/l
 RT: 4.283 min Scan# 791
 Delta R.T. 0.003 min
 Lab File: VN065560.D
 Acq: 20 Jan 2021 10:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

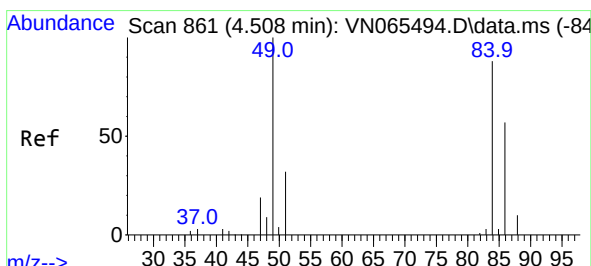
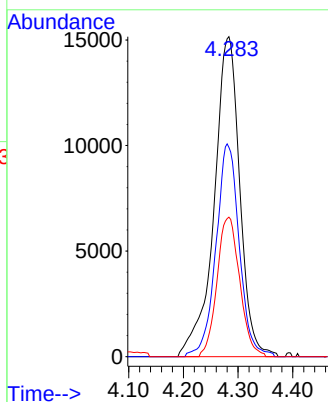
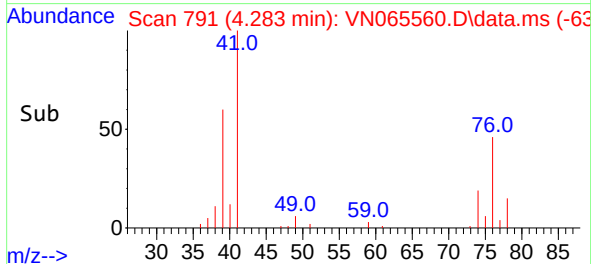


Tgt Ion: 41 Resp: 49444

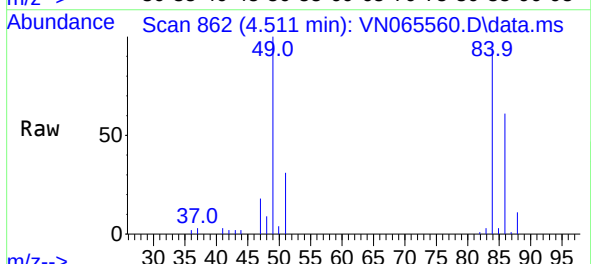
Ion	Ratio	Lower	Upper
41	100		
39	65.4	33.5	100.5
76	43.6	20.3	60.8

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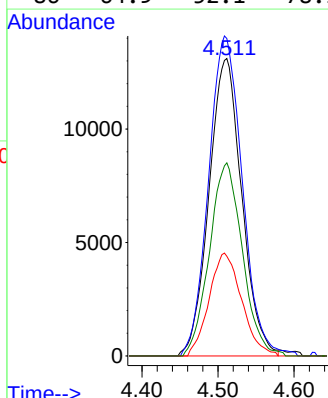
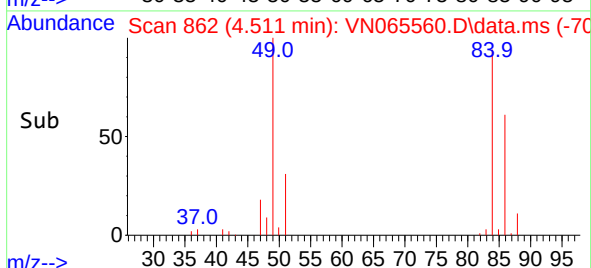


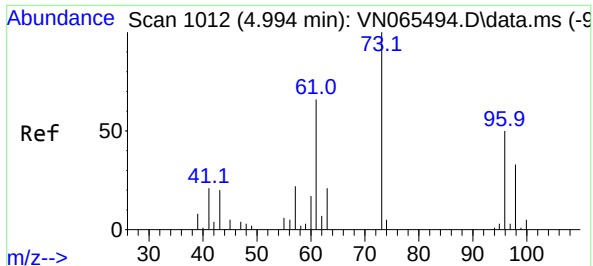
#18
 Methylene Chloride
 Concen: 21.23 ug/l
 RT: 4.511 min Scan# 862
 Delta R.T. 0.003 min
 Lab File: VN065560.D
 Acq: 20 Jan 2021 10:02



Tgt Ion: 84 Resp: 39300

Ion	Ratio	Lower	Upper
84	100		
49	106.7	91.3	136.9
51	33.5	28.8	43.2
86	64.9	52.1	78.1





#19

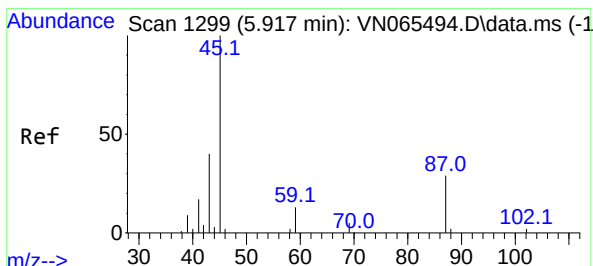
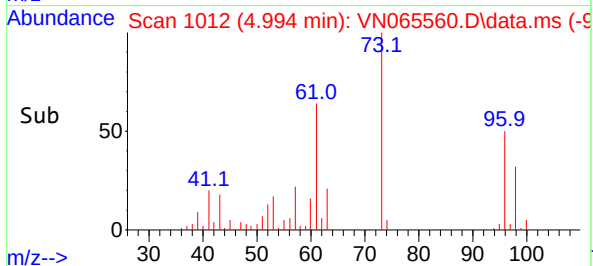
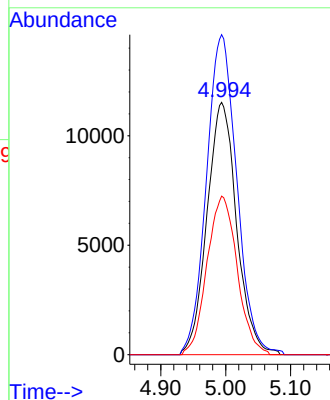
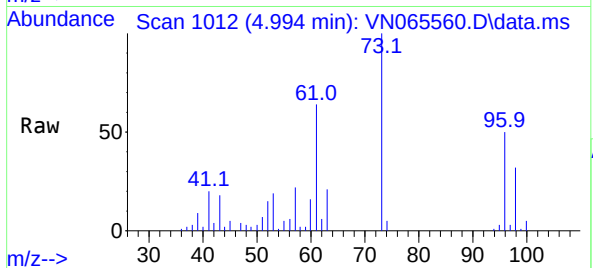
trans-1,2-Dichloroethene
Concen: 21.29 ug/l
RT: 4.994 min Scan# 1012
Delta R.T. -0.000 min
Lab File: VN065560.D
Acq: 20 Jan 2021 10:02

Tgt Ion:	96	Resp:	36543
Ion	Ratio	Lower	Upper
96	100		
61	126.8	106.2	159.2
98	62.8	52.4	78.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Manual Integrations
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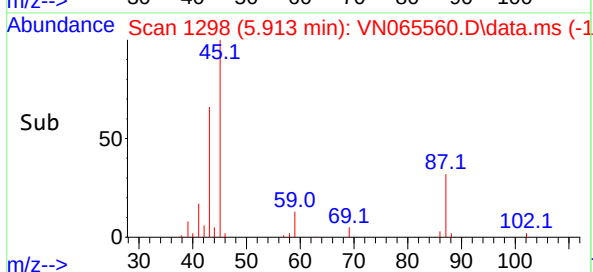
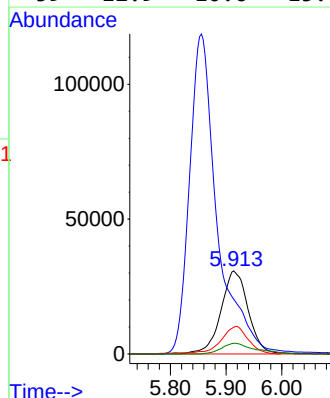
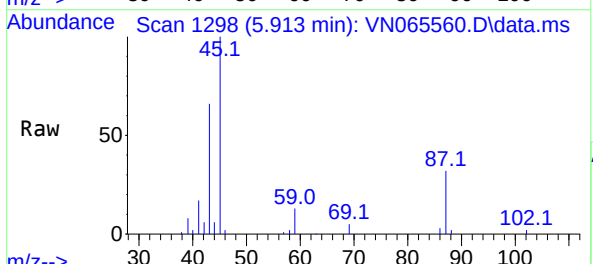
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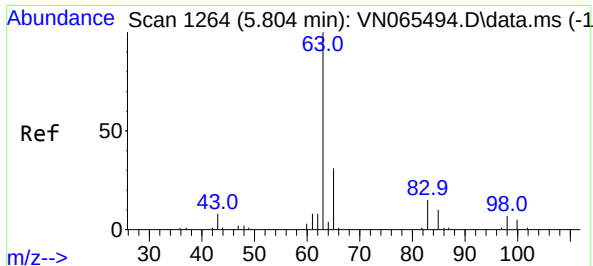


#20

Diisopropyl ether
Concen: 20.63 ug/l
RT: 5.913 min Scan# 1298
Delta R.T. -0.003 min
Lab File: VN065560.D
Acq: 20 Jan 2021 10:02

Tgt Ion:	45	Resp:	104506
Ion	Ratio	Lower	Upper
45	100		
43	62.0	50.4	75.6
87	32.0	24.5	36.7
59	12.9	10.6	15.8





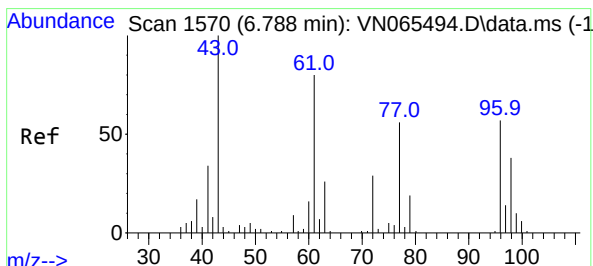
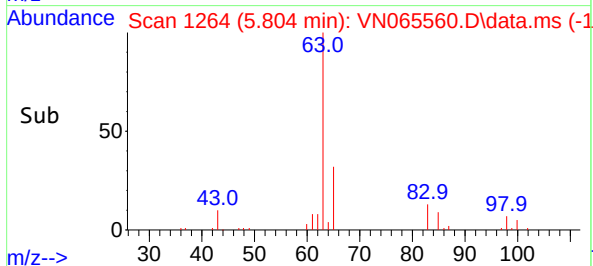
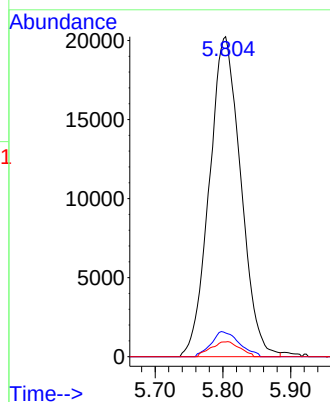
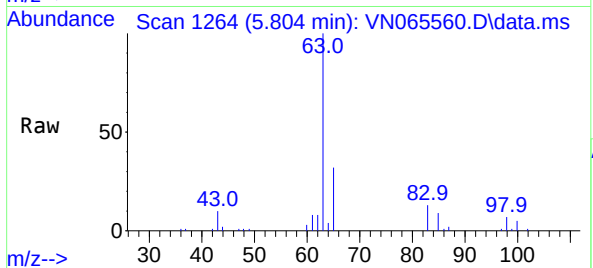
#21
1,1-Dichloroethane
Concen: 21.54 ug/l
RT: 5.804 min Scan# 1264
Delta R.T. -0.000 min
Lab File: VN065560.D
Acq: 20 Jan 2021 10:02

Tgt Ion:	63	Resp:	65184
Ion Ratio	Lower	Upper	
63	100		
98	7.4	3.3	9.9
100	4.6	2.3	6.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

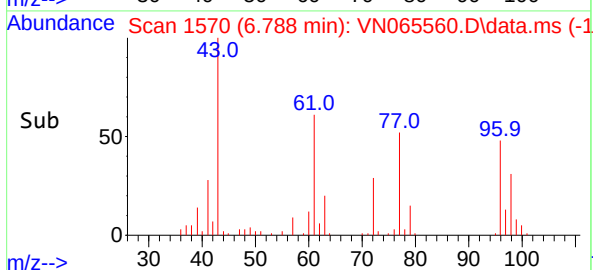
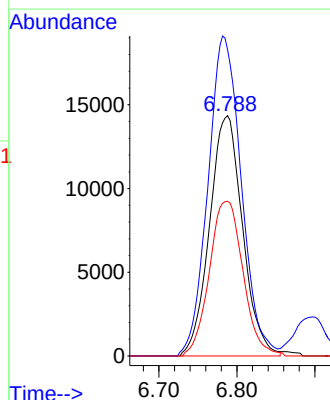
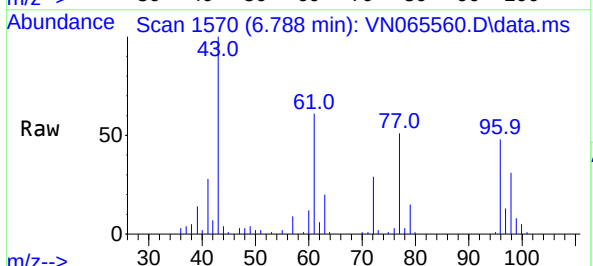
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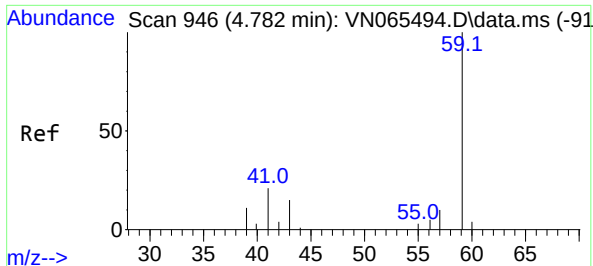
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#22
cis-1,2-Dichloroethene
Concen: 21.23 ug/l
RT: 6.788 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VN065560.D
Acq: 20 Jan 2021 10:02

Tgt Ion:	96	Resp:	42216
Ion Ratio	Lower	Upper	
96	100		
61	134.1	112.5	168.7
98	65.8	52.2	78.2





#23

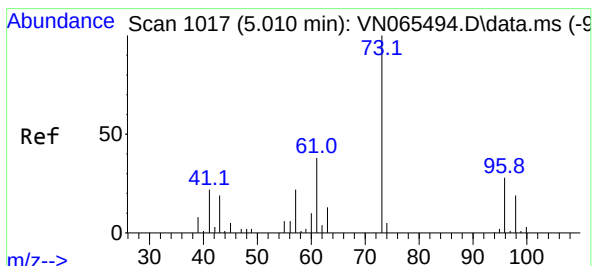
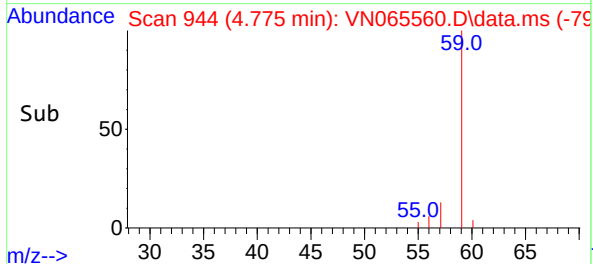
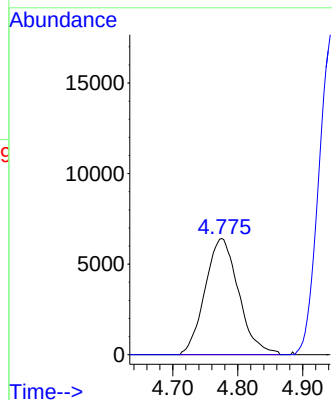
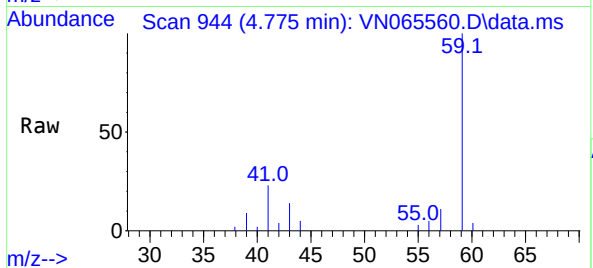
tert-Butyl Alcohol
Concen: 98.66 ug/l
RT: 4.775 min Scan# 944
Delta R.T. -0.006 min
Lab File: VN065560.D
Acq: 20 Jan 2021 10:02

Tgt Ion: 59 Resp: 23077
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

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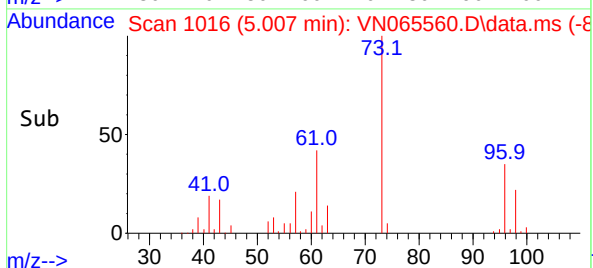
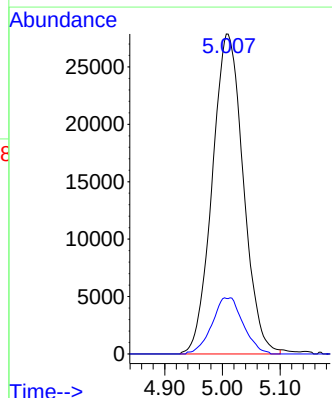
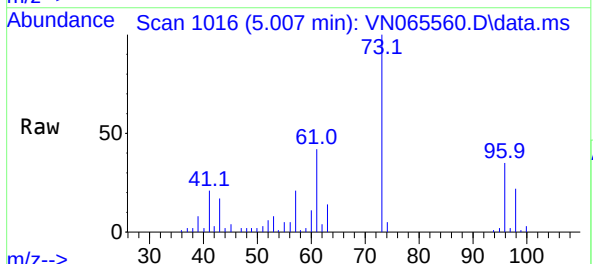
SAM
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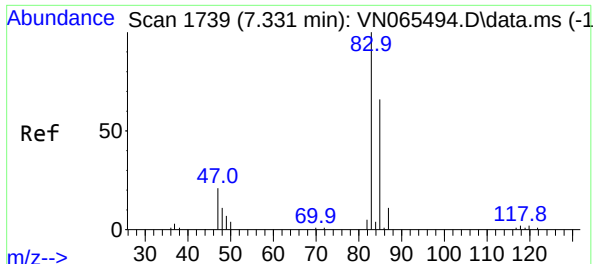


#24

Methyl tert-Butyl Ether
Concen: 20.83 ug/l
RT: 5.007 min Scan# 1016
Delta R.T. -0.003 min
Lab File: VN065560.D
Acq: 20 Jan 2021 10:02

Tgt Ion: 73 Resp: 104172
Ion Ratio Lower Upper
73 100
43 8.8 15.4 23.2#





#25

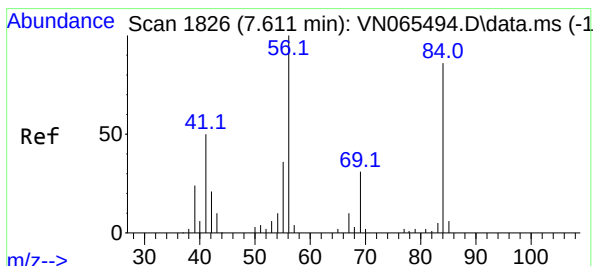
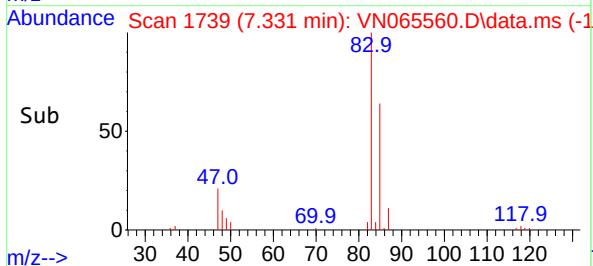
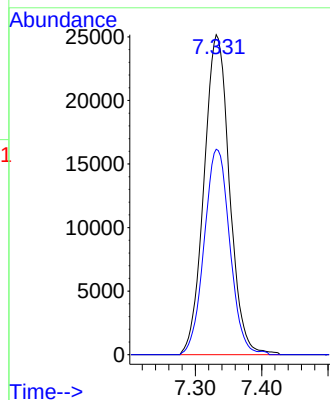
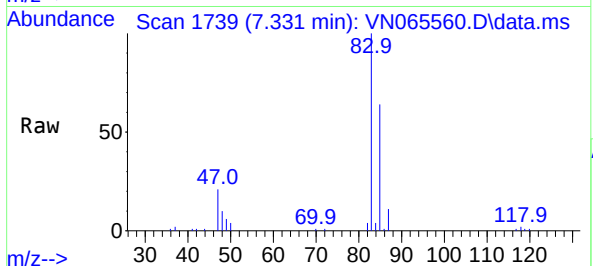
Chloroform
Concen: 21.54 ug/l
RT: 7.331 min Scan# 1739
Delta R.T. -0.000 min
Lab File: VN065560.D
Acq: 20 Jan 2021 10:02

Tgt Ion: 83 Resp: 67252
Ion Ratio Lower Upper
83 100
85 64.2 53.0 79.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Manual Integrations
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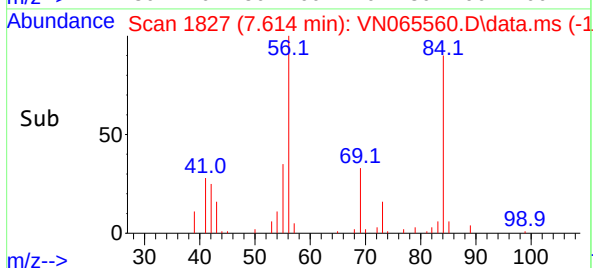
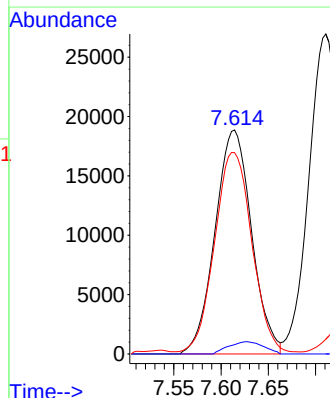
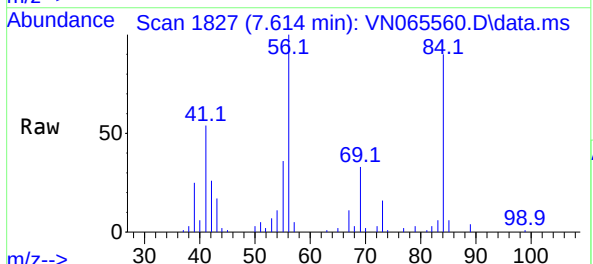
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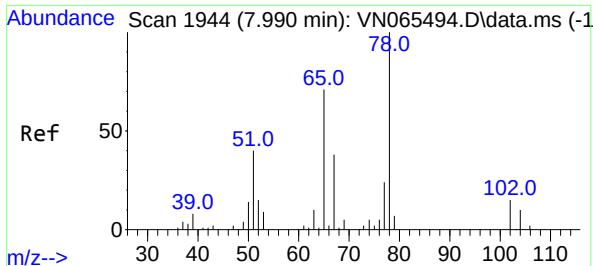


#26

Cyclohexane
Concen: 20.00 ug/l
RT: 7.614 min Scan# 1827
Delta R.T. 0.003 min
Lab File: VN065560.D
Acq: 20 Jan 2021 10:02

Tgt Ion: 56 Resp: 50811
Ion Ratio Lower Upper
56 100
89 5.2 0.0 0.0#
84 92.7 72.8 109.2





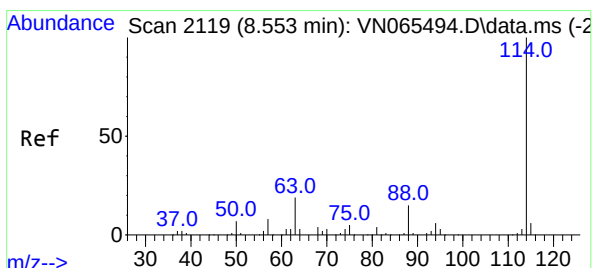
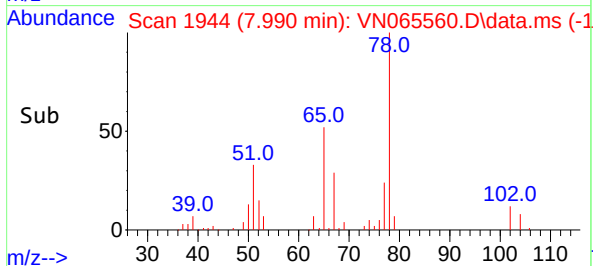
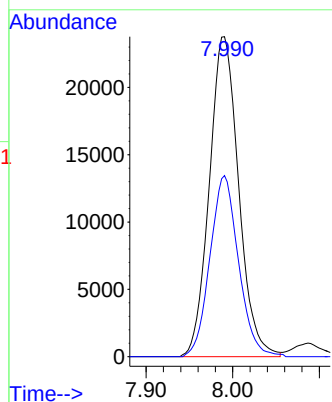
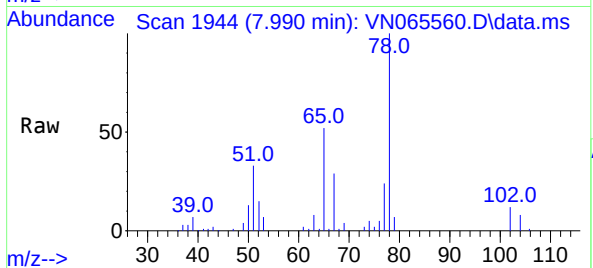
#27
1,2-Dichloroethane-d4
Concen: 28.89 ug/l
RT: 7.990 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VN065560.D
Acq: 20 Jan 2021 10:02

Tgt Ion: 65 Resp: 55992
Ion Ratio Lower Upper
65 100
67 55.0 42.8 64.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

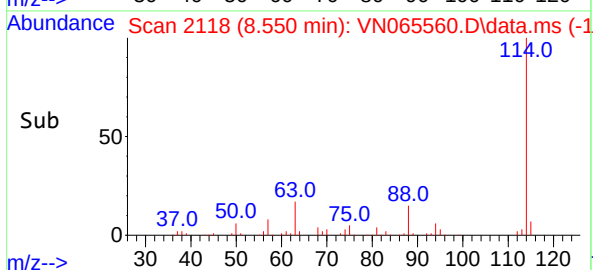
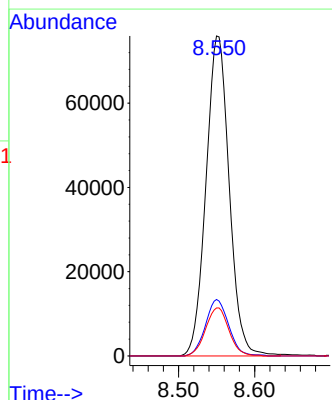
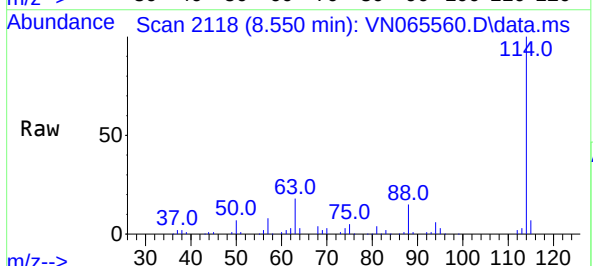
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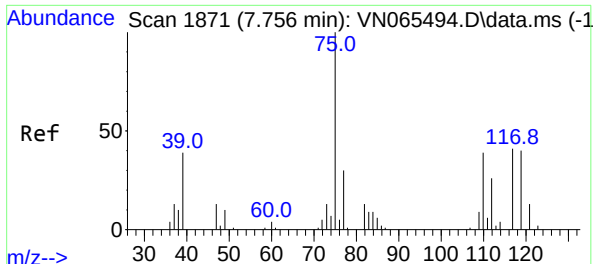
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#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. -0.003 min
Lab File: VN065560.D
Acq: 20 Jan 2021 10:02

Tgt Ion: 114 Resp: 160885
Ion Ratio Lower Upper
114 100
63 17.7 14.7 22.1
88 15.2 11.7 17.5





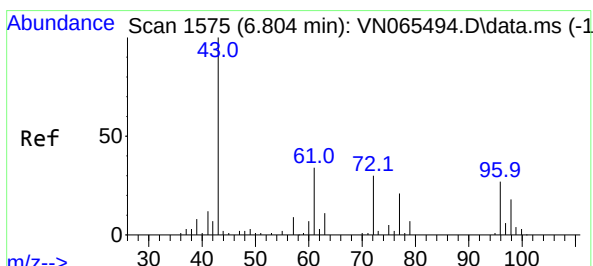
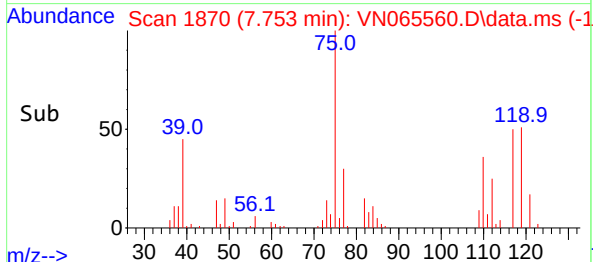
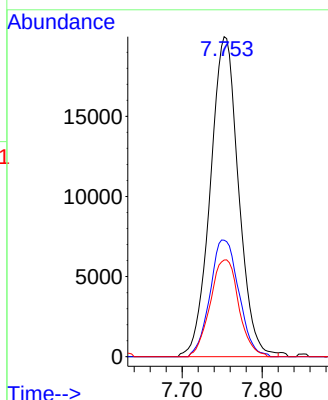
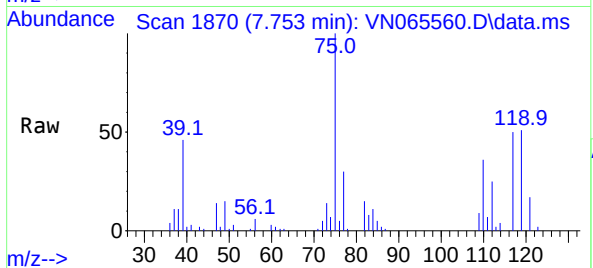
#29
1,1-Dichloropropene
Concen: 21.40 ug/l
RT: 7.753 min Scan# 1870
Delta R.T. -0.003 min
Lab File: VN065560.D
Acq: 20 Jan 2021 10:02

Tgt Ion: 75 Resp: 48936
Ion Ratio Lower Upper
75 100
110 37.2 0.0 74.2
77 30.7 0.0 61.0

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020

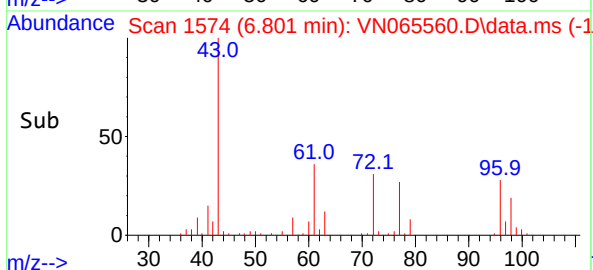
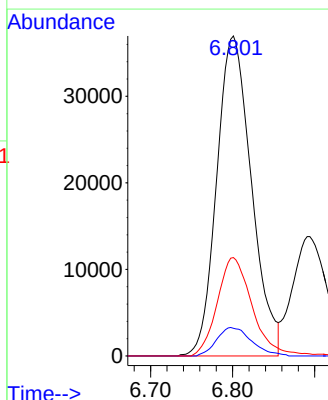
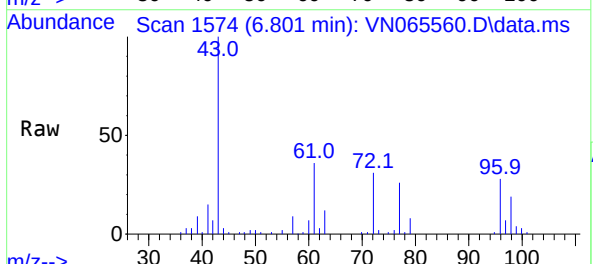
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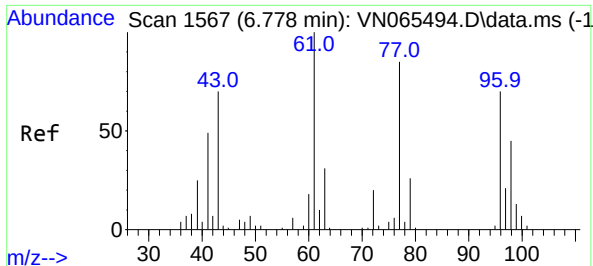
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#30
2-Butanone
Concen: 118.12 ug/l
RT: 6.801 min Scan# 1574
Delta R.T. -0.003 min
Lab File: VN065560.D
Acq: 20 Jan 2021 10:02

Tgt Ion: 43 Resp: 108916
Ion Ratio Lower Upper
43 100
57 9.0 7.0 10.4
72 30.7 23.6 35.4





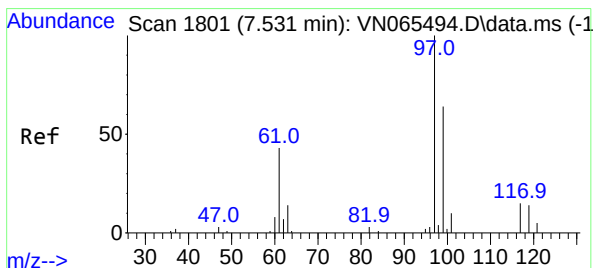
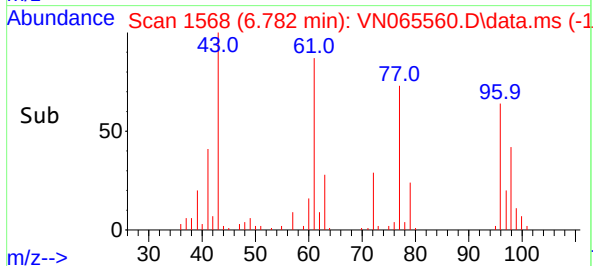
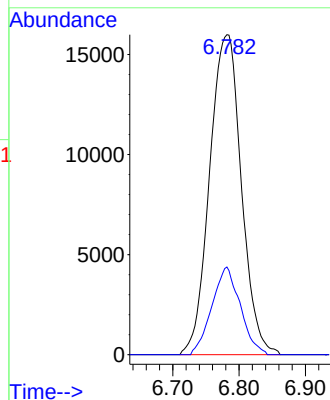
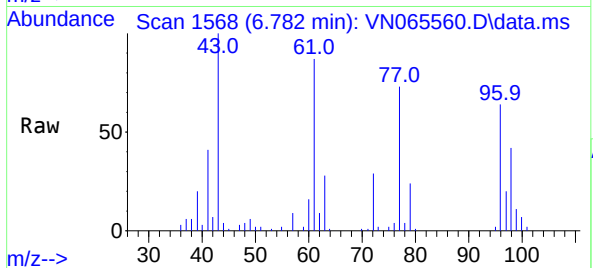
#31
2,2-Dichloropropane
Concen: 22.52 ug/l
RT: 6.782 min Scan# 1568
Delta R.T. 0.003 min
Lab File: VN065560.D
Acq: 20 Jan 2021 10:02

Tgt Ion: 77 Resp: 53175
Ion Ratio Lower Upper
77 100
97 24.5 19.0 28.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

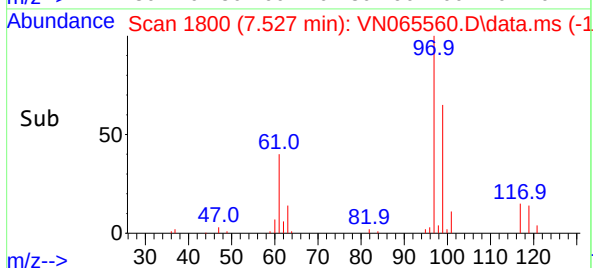
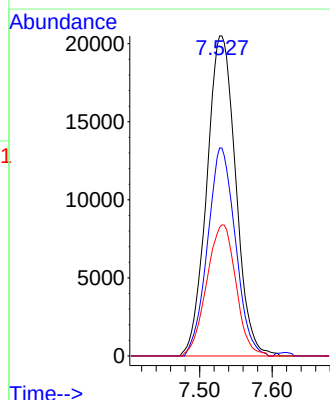
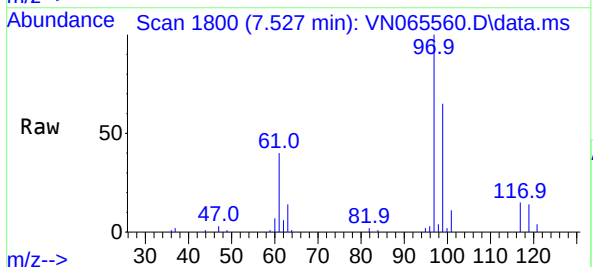
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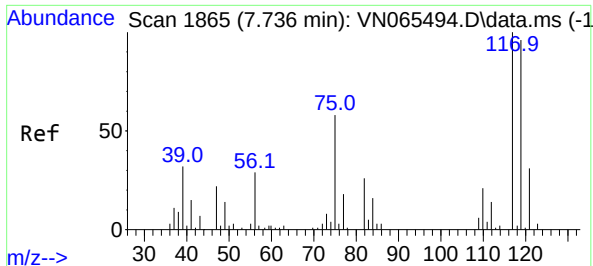
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#32
1,1,1-Trichloroethane
Concen: 21.96 ug/l
RT: 7.527 min Scan# 1800
Delta R.T. -0.003 min
Lab File: VN065560.D
Acq: 20 Jan 2021 10:02

Tgt Ion: 97 Resp: 56773
Ion Ratio Lower Upper
97 100
99 62.7 51.5 77.3
61 41.5 34.7 52.1





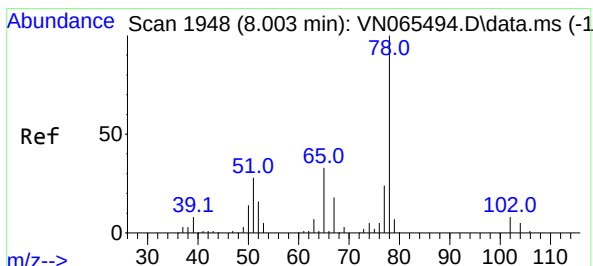
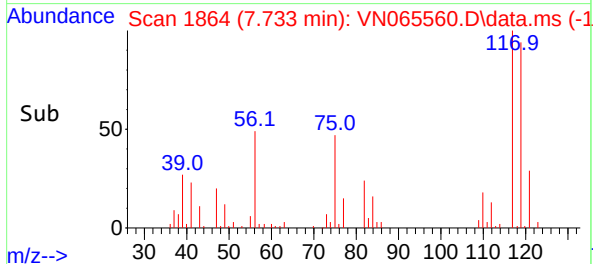
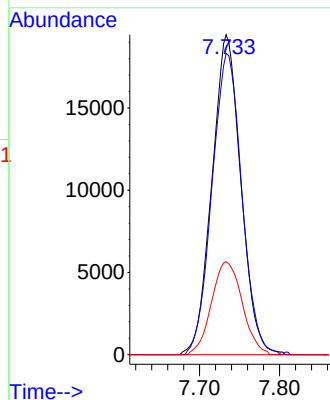
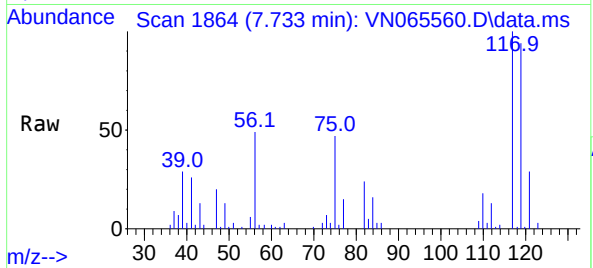
#33
Carbon Tetrachloride
Concen: 21.47 ug/l
RT: 7.733 min Scan# 1864
Delta R.T. -0.003 min
Lab File: VN065560.D
Acq: 20 Jan 2021 10:02

Tgt Ion:117 Resp: 48845
Ion Ratio Lower Upper
117 100
119 94.2 77.0 115.4
121 29.0 24.8 37.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

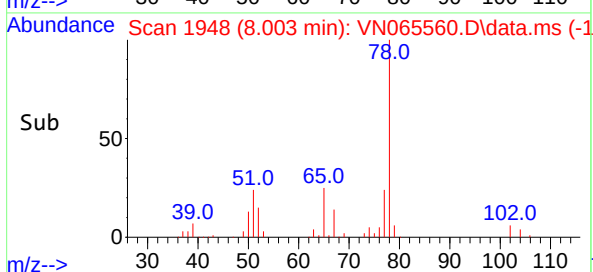
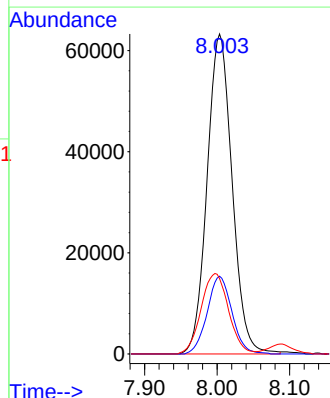
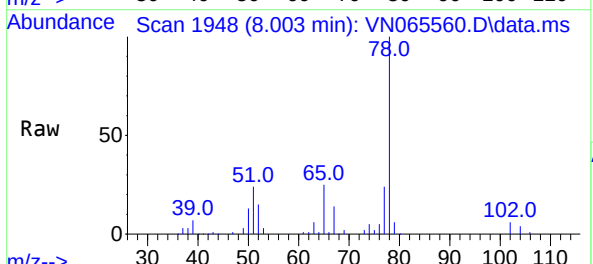
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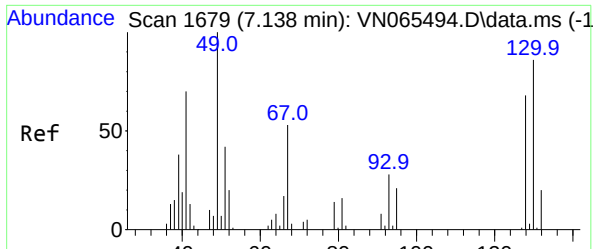
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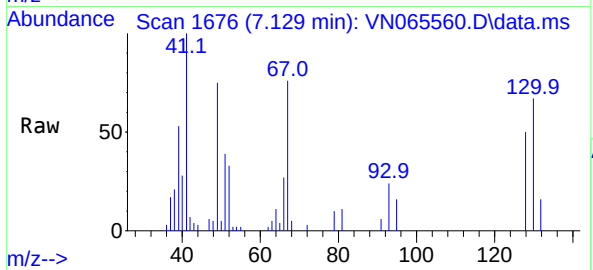
#34
Benzene
Concen: 21.55 ug/l
RT: 8.003 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VN065560.D
Acq: 20 Jan 2021 10:02

Tgt Ion: 78 Resp: 151592
Ion Ratio Lower Upper
78 100
77 24.3 19.0 28.6
51 23.1 22.1 33.1

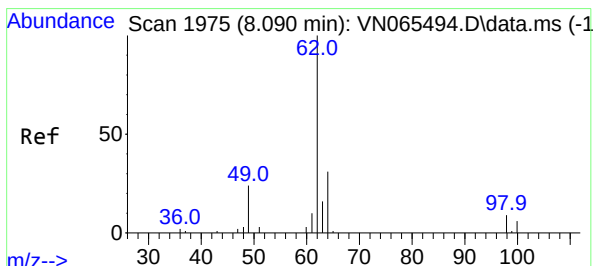
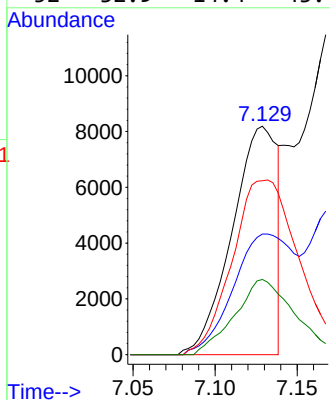
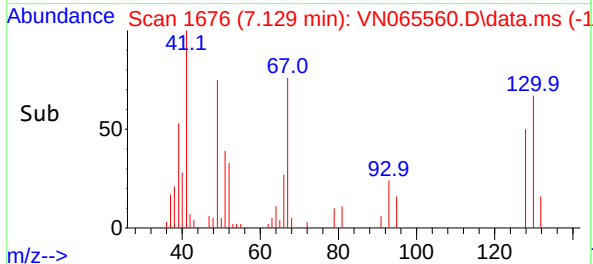




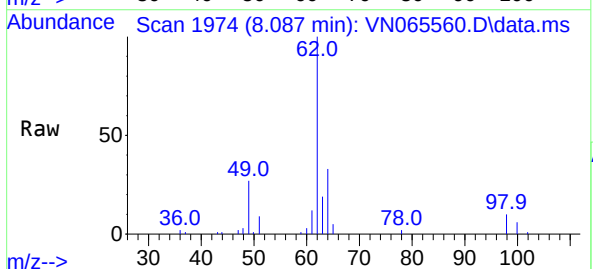
#35
Methacrylonitrile
Concen: 16.32 ug/l
RT: 7.129 min Scan# 1676
Delta R.T. -0.010 min
Lab File: VN065560.D
Acq: 20 Jan 2021 10:02



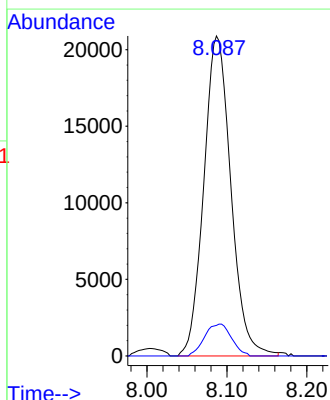
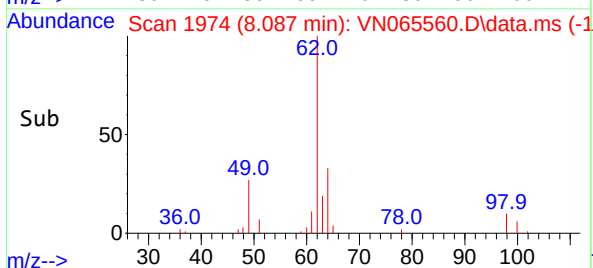
Tgt Ion: 41 Resp: 15621
Ion Ratio Lower Upper
41 100
39 52.8 26.8 80.3
67 76.1 38.0 113.9
52 32.9 14.4 43.4



#36
1,2-Dichloroethane
Concen: 21.19 ug/l
RT: 8.087 min Scan# 1974
Delta R.T. -0.003 min
Lab File: VN065560.D
Acq: 20 Jan 2021 10:02



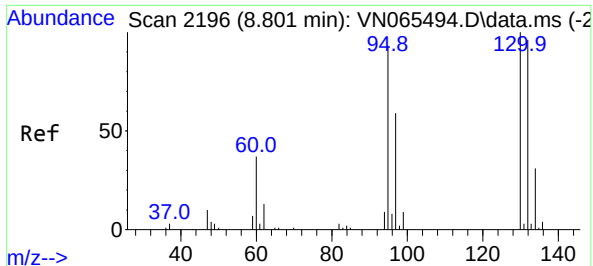
Tgt Ion: 62 Resp: 49203
Ion Ratio Lower Upper
62 100
98 9.9 7.4 11.2



Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020

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#37

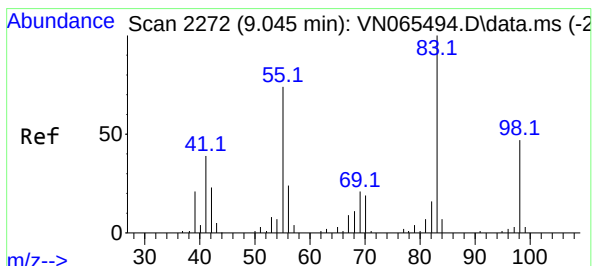
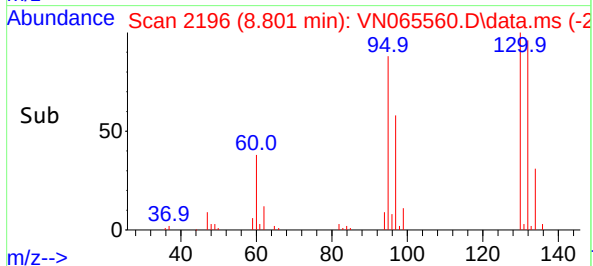
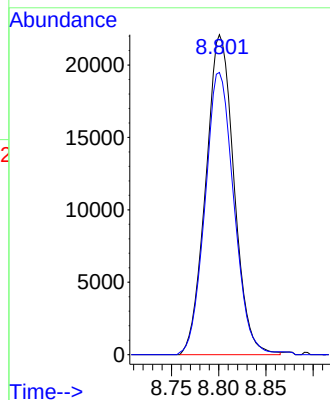
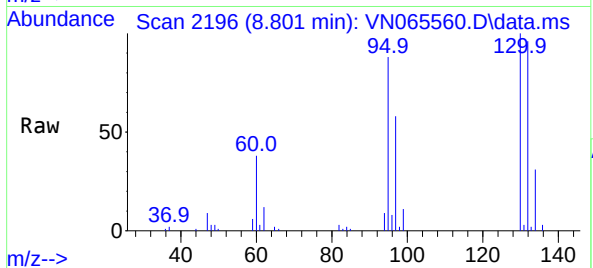
Trichloroethene
Concen: 21.93 ug/l
RT: 8.801 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VN065560.D
Acq: 20 Jan 2021 10:02

Tgt Ion:130 Resp: 45937
Ion Ratio Lower Upper
130 100
95 87.5 74.0 111.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

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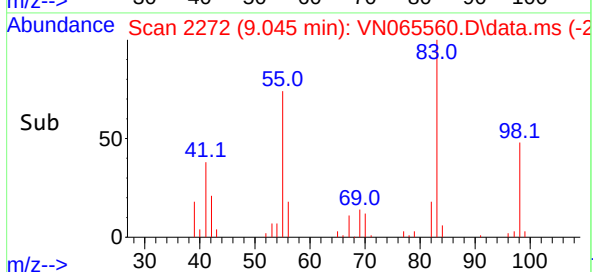
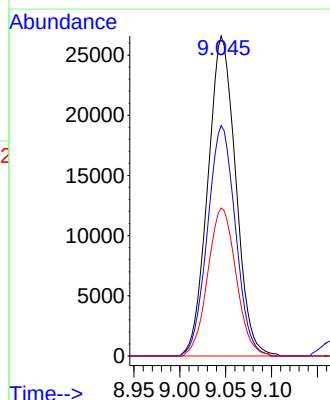
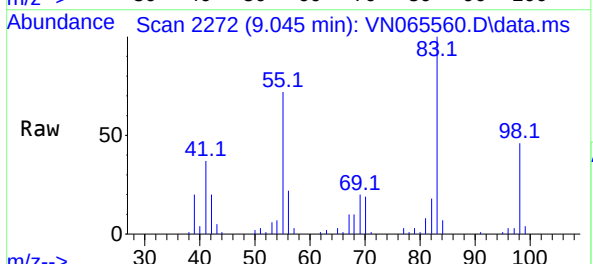
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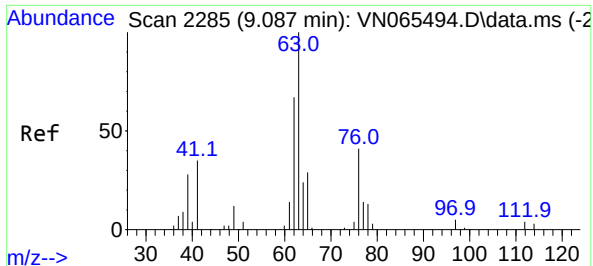


#38

Methylcyclohexane
Concen: 21.20 ug/l
RT: 9.045 min Scan# 2272
Delta R.T. -0.000 min
Lab File: VN065560.D
Acq: 20 Jan 2021 10:02

Tgt Ion: 83 Resp: 56243
Ion Ratio Lower Upper
83 100
55 72.2 37.2 111.6
98 46.9 23.8 71.4





#39

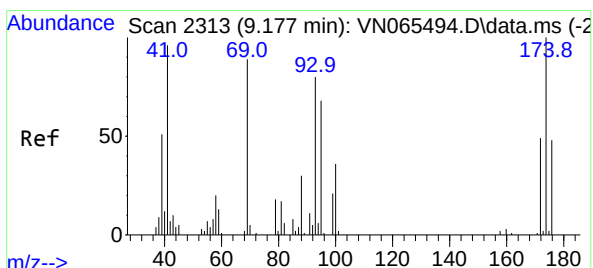
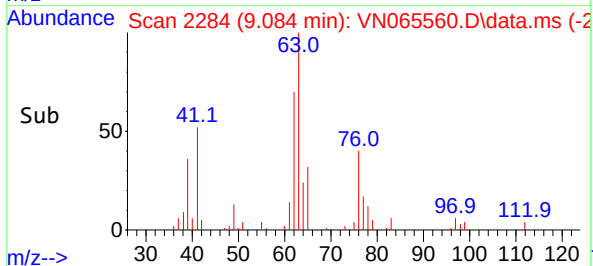
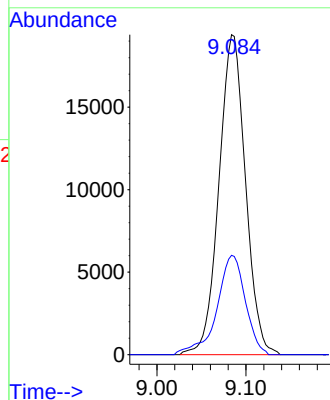
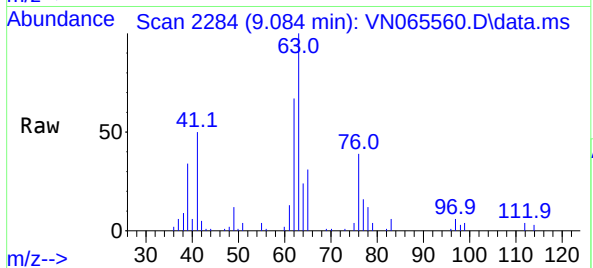
1,2-Dichloropropane
Concen: 21.99 ug/l
RT: 9.084 min Scan# 2284
Delta R.T. -0.003 min
Lab File: VN065560.D
Acq: 20 Jan 2021 10:02

Tgt Ion: 63 Resp: 40164
Ion Ratio Lower Upper
63 100
65 31.1 24.1 36.1

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020

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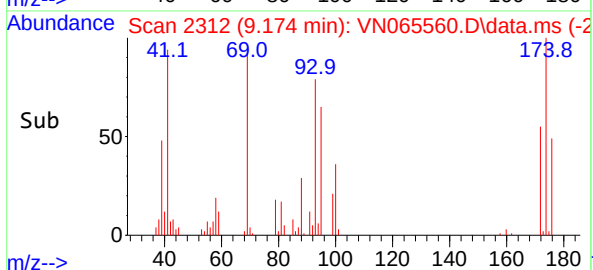
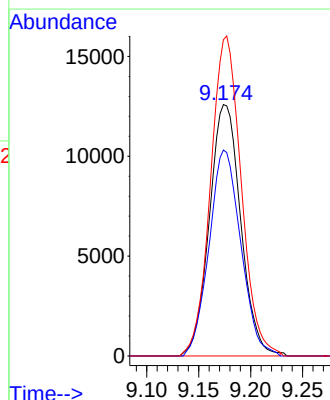
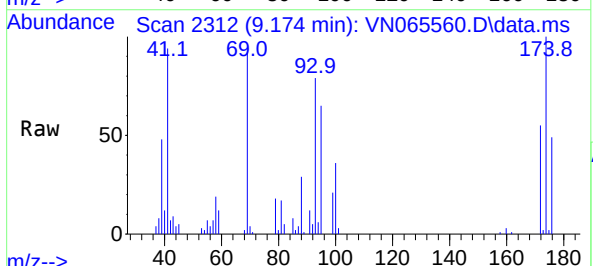
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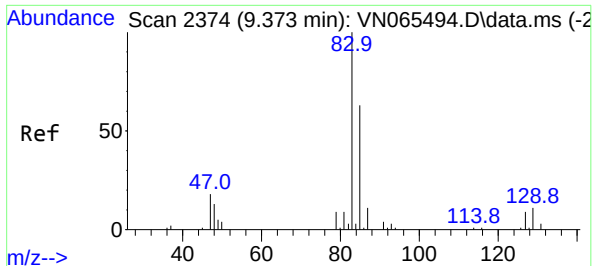


#40

Dibromomethane
Concen: 21.55 ug/l
RT: 9.174 min Scan# 2312
Delta R.T. -0.003 min
Lab File: VN065560.D
Acq: 20 Jan 2021 10:02

Tgt Ion: 93 Resp: 26368
Ion Ratio Lower Upper
93 100
95 82.9 0.0 168.6
174 124.4 0.0 246.4





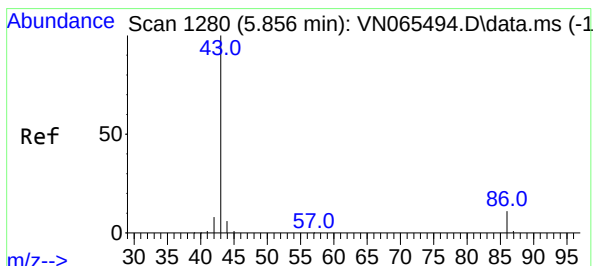
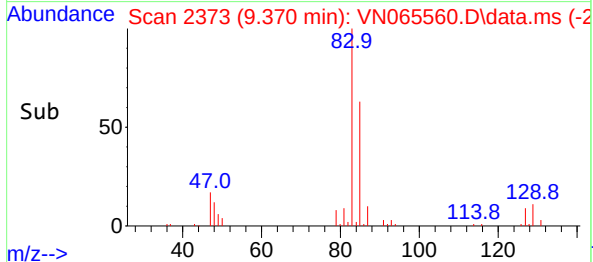
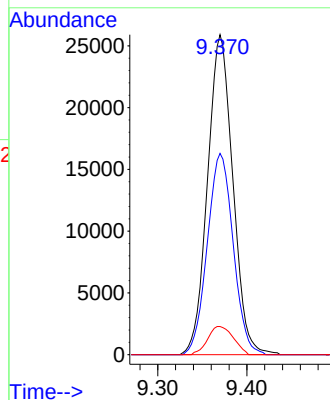
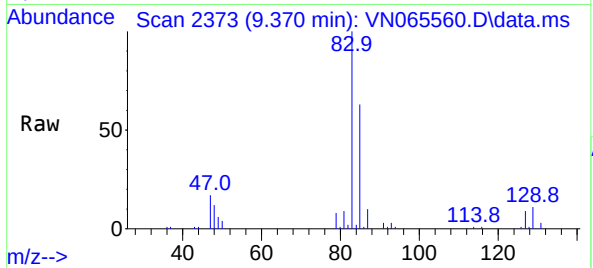
#41
Bromodichloromethane
Concen: 21.57 ug/l
RT: 9.370 min Scan# 2373
Delta R.T. -0.003 min
Lab File: VN065560.D
Acq: 20 Jan 2021 10:02

Tgt Ion: 83 Resp: 51111
Ion Ratio Lower Upper
83 100
85 62.9 50.7 76.1
127 8.8 7.5 11.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

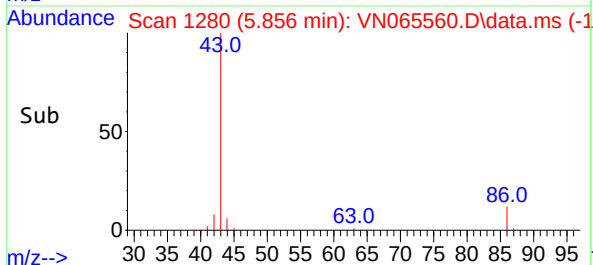
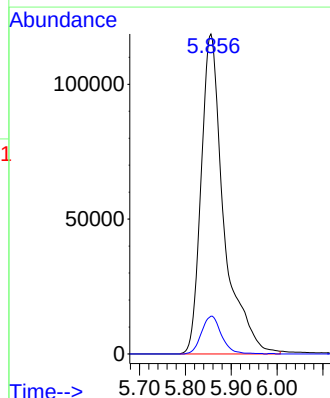
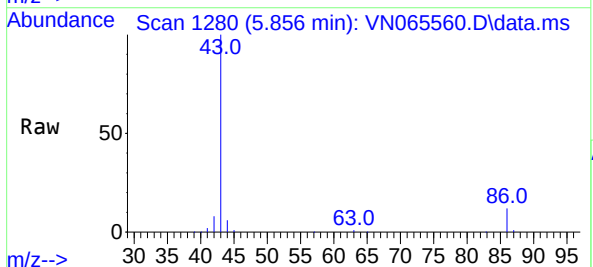
Manual Integrations
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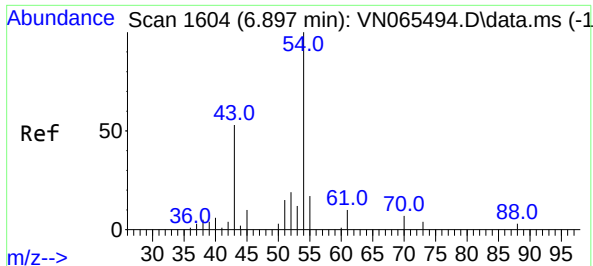
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#42
Vinyl Acetate
Concen: 102.15 ug/l
RT: 5.856 min Scan# 1280
Delta R.T. -0.000 min
Lab File: VN065560.D
Acq: 20 Jan 2021 10:02

Tgt Ion: 43 Resp: 408406
Ion Ratio Lower Upper
43 100
86 10.3 7.9 11.9





#43

Ethyl Acetate

Concen: 19.97 ug/l

RT: 6.894 min Scan# 1603

Delta R.T. -0.003 min

Lab File: VN065560.D

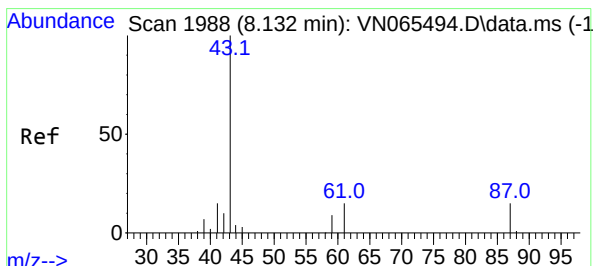
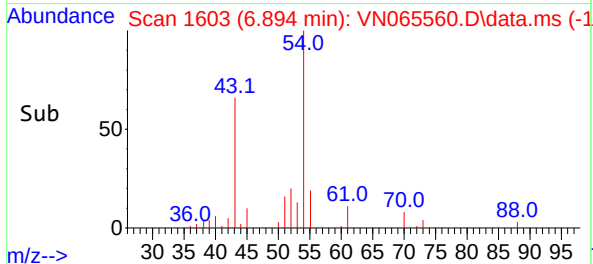
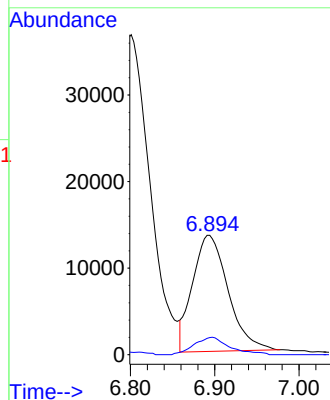
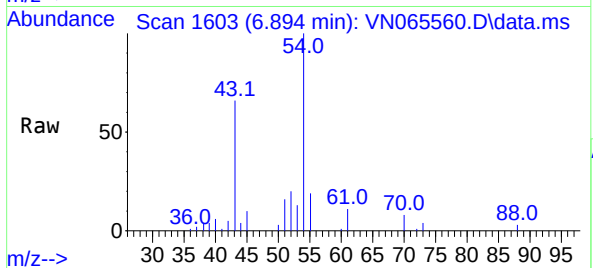
Acq: 20 Jan 2021 10:02

Tgt Ion: 43 Resp: 39352

Ion Ratio Lower Upper

43 100

45 14.5 12.9 19.3



#44

Isopropyl Acetate

Concen: 20.14 ug/l

RT: 8.132 min Scan# 1988

Delta R.T. -0.000 min

Lab File: VN065560.D

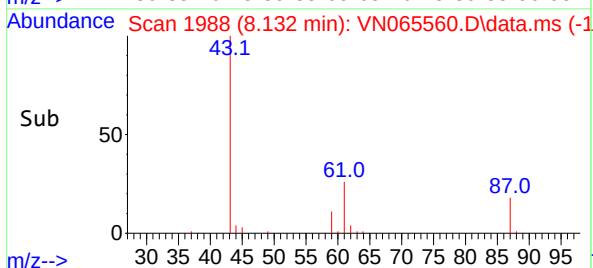
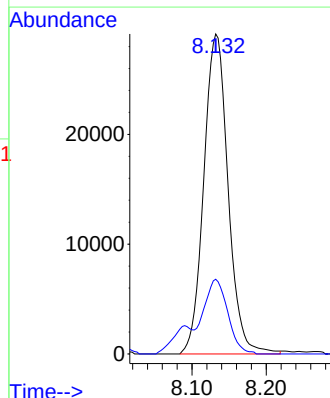
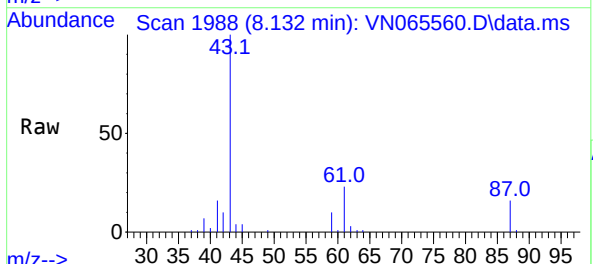
Acq: 20 Jan 2021 10:02

Tgt Ion: 43 Resp: 66254

Ion Ratio Lower Upper

43 100

61 22.1 16.8 25.2



Instrument :

MSVOA_N

ClientSampleId :

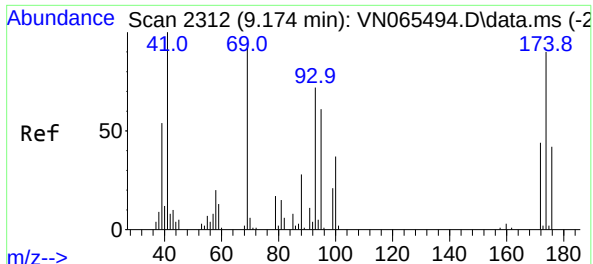
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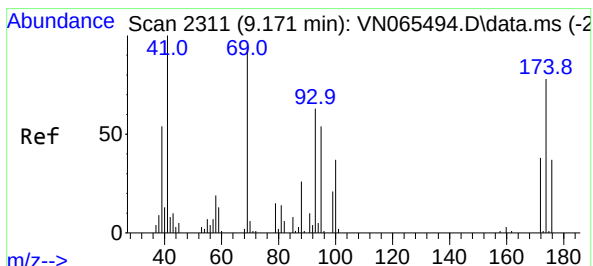
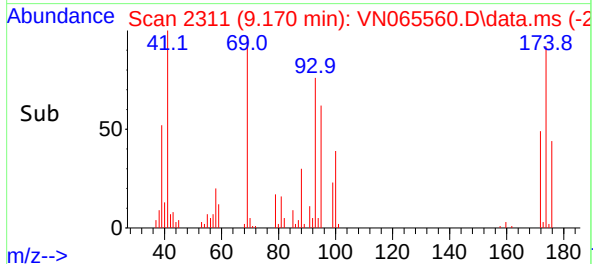
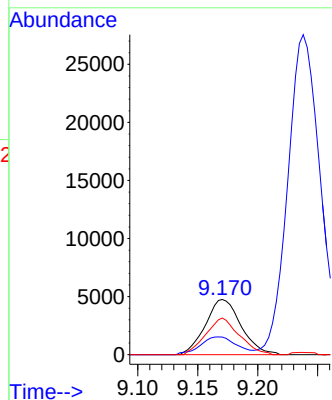
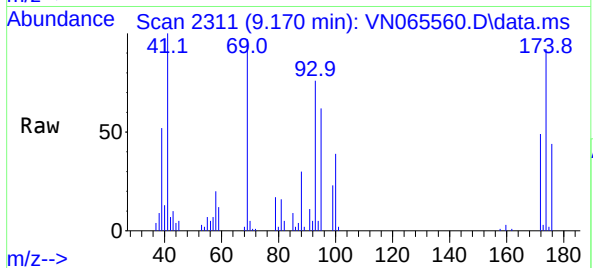
#45
1,4-Dioxane
Concen: 419.70 ug/l
RT: 9.170 min Scan# 2311
Delta R.T. -0.003 min
Lab File: VN065560.D
Acq: 20 Jan 2021 10:02

Tgt Ion: 88 Resp: 9821
Ion Ratio Lower Upper
88 100
43 32.7 28.3 42.5
58 62.3 53.8 80.6

Instrument :
MSVOA_N
ClientSampleId :
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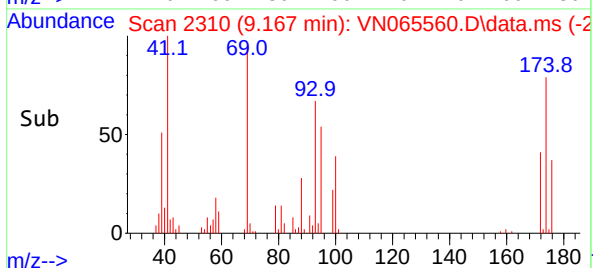
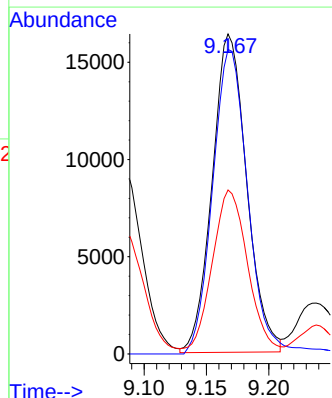
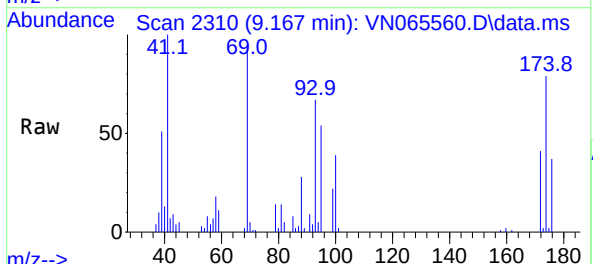
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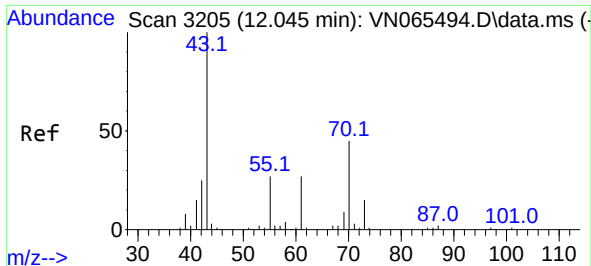
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#46
Methyl methacrylate
Concen: 19.41 ug/l
RT: 9.167 min Scan# 2310
Delta R.T. -0.003 min
Lab File: VN065560.D
Acq: 20 Jan 2021 10:02

Tgt Ion: 41 Resp: 31518
Ion Ratio Lower Upper
41 100
69 96.7 46.3 138.8
39 50.4 26.8 80.3





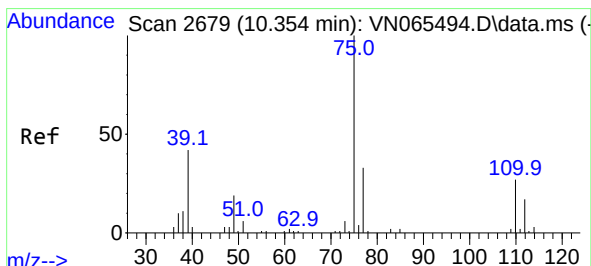
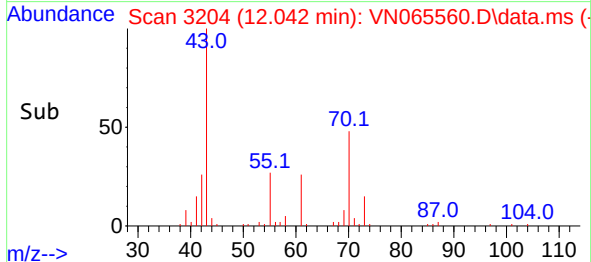
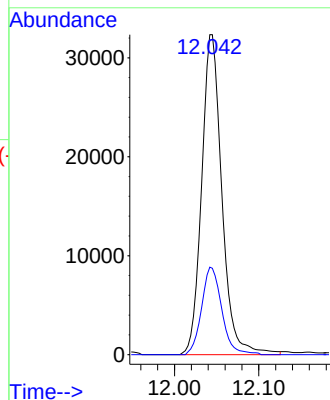
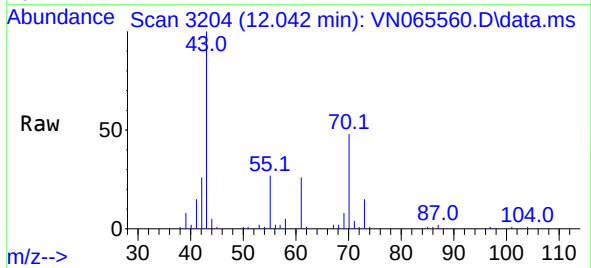
#47
n-amy1 Acetate
Concen: 19.05 ug/l
RT: 12.042 min Scan# 3204
Delta R.T. -0.003 min
Lab File: VN065560.D
Acq: 20 Jan 2021 10:02

Tgt Ion: 43 Resp: 54209
Ion Ratio Lower Upper
43 100
55 27.2 21.3 31.9

Instrument :
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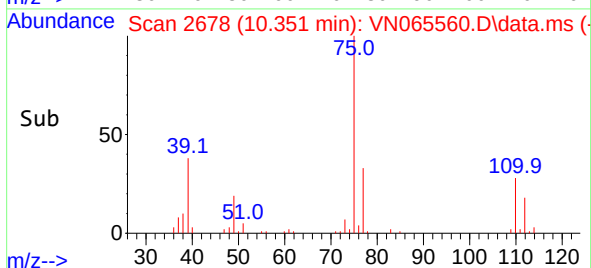
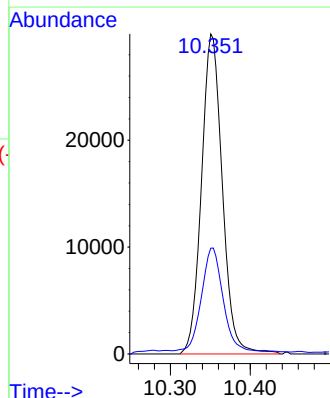
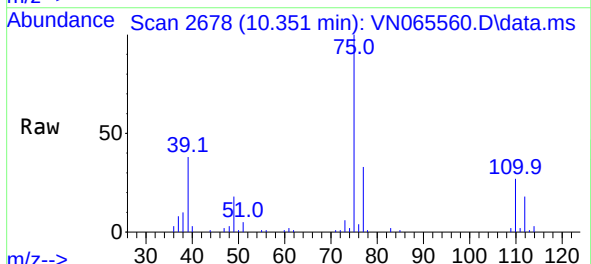
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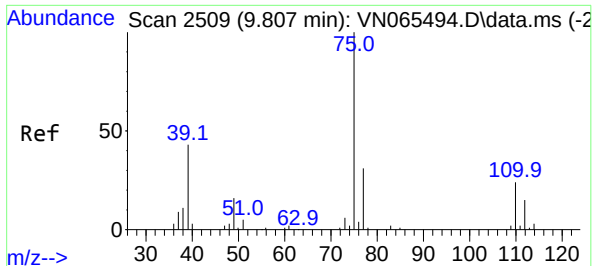
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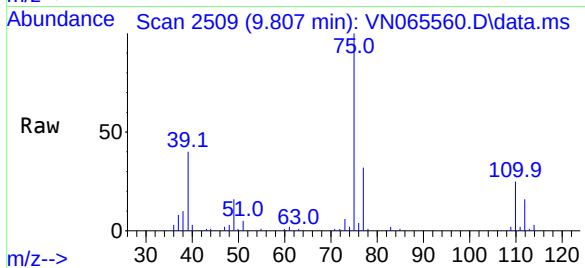
#48
t-1,3-Dichloropropene
Concen: 20.67 ug/l
RT: 10.351 min Scan# 2678
Delta R.T. -0.003 min
Lab File: VN065560.D
Acq: 20 Jan 2021 10:02

Tgt Ion: 75 Resp: 54345
Ion Ratio Lower Upper
75 100
77 32.3 26.5 39.7

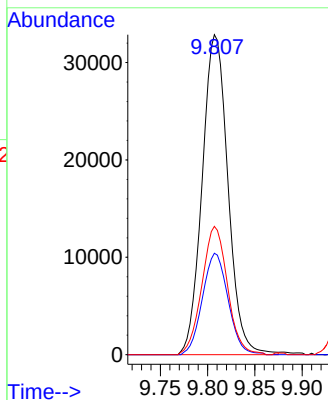
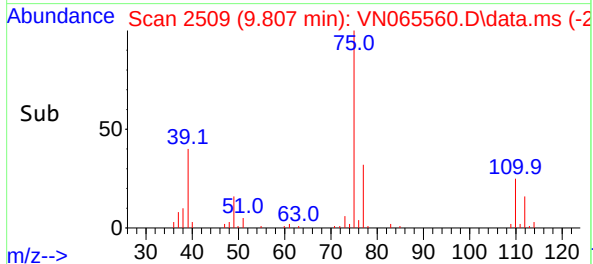




#49
cis-1,3-Dichloropropene
Concen: 21.57 ug/l
RT: 9.807 min Scan# 2509
Delta R.T. -0.000 min
Lab File: VN065560.D
Acq: 20 Jan 2021 10:02



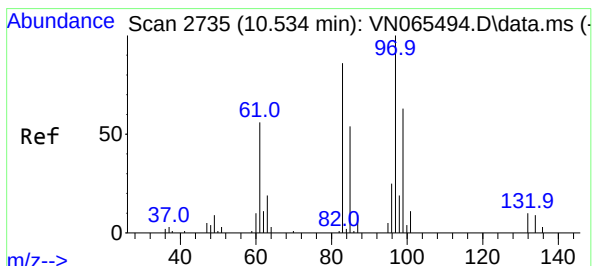
Tgt Ion: 75 Resp: 62342
Ion Ratio Lower Upper
75 100
77 31.7 24.8 37.2
39 40.1 34.4 51.6



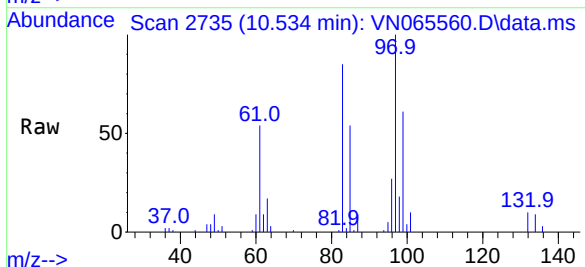
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

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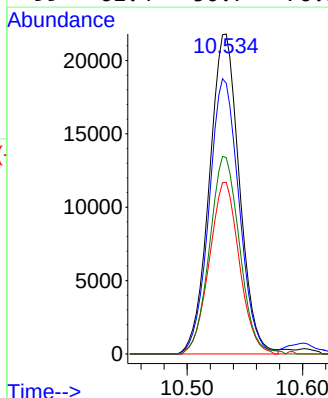
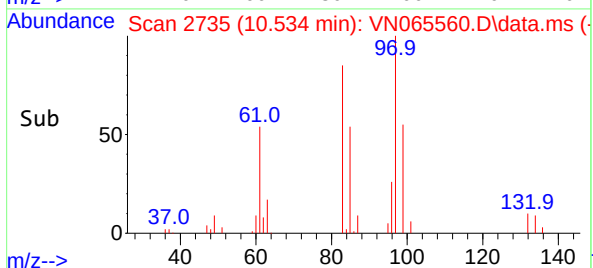
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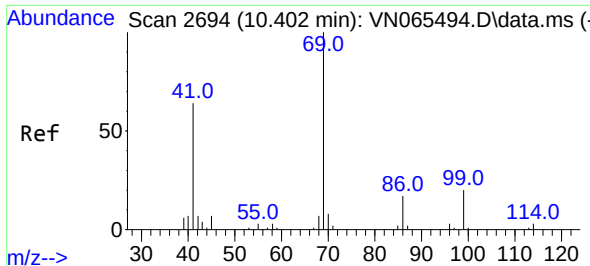


#50
1,1,2-Trichloroethane
Concen: 21.99 ug/l
RT: 10.534 min Scan# 2735
Delta R.T. -0.000 min
Lab File: VN065560.D
Acq: 20 Jan 2021 10:02



Tgt Ion: 97 Resp: 39380
Ion Ratio Lower Upper
97 100
83 84.7 68.4 102.6
85 53.7 42.8 64.2
99 61.4 50.7 76.1





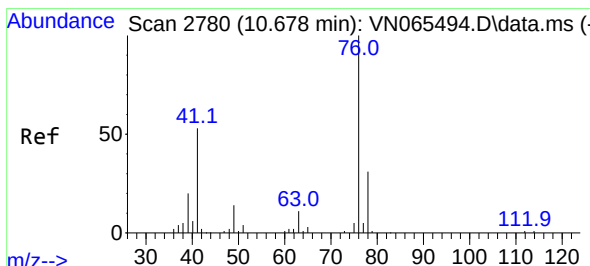
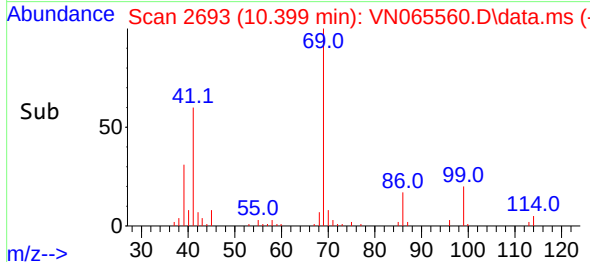
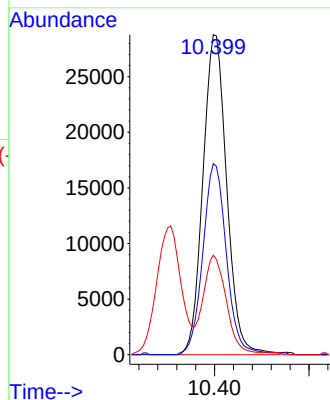
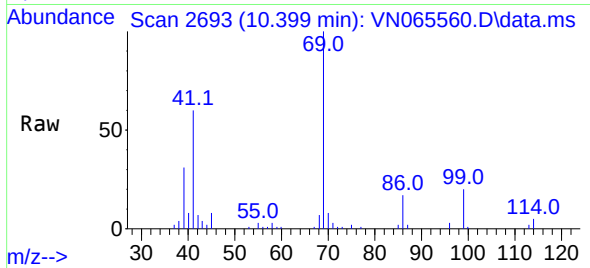
#51
Ethyl methacrylate
Concen: 20.06 ug/l
RT: 10.399 min Scan# 2693
Delta R.T. -0.003 min
Lab File: VN065560.D
Acq: 20 Jan 2021 10:02

Tgt Ion: 69 Resp: 50315
Ion Ratio Lower Upper
69 100
41 59.1 31.9 95.7
39 30.5 15.6 46.7

Instrument :
MSVOA_N
ClientSampleId :
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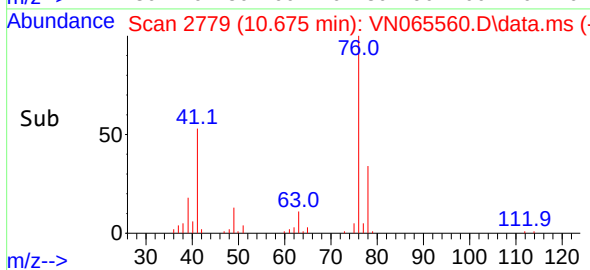
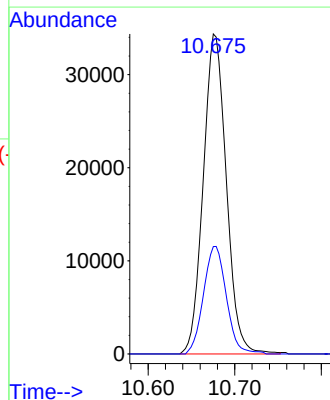
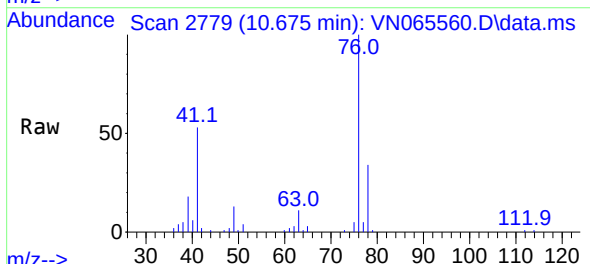
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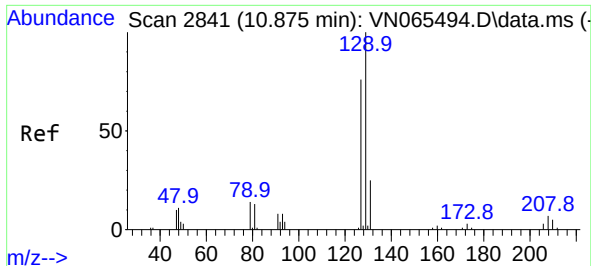
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#52
1,3-Dichloropropane
Concen: 21.44 ug/l
RT: 10.675 min Scan# 2779
Delta R.T. -0.003 min
Lab File: VN065560.D
Acq: 20 Jan 2021 10:02

Tgt Ion: 76 Resp: 63645
Ion Ratio Lower Upper
76 100
78 33.3 0.0 64.2





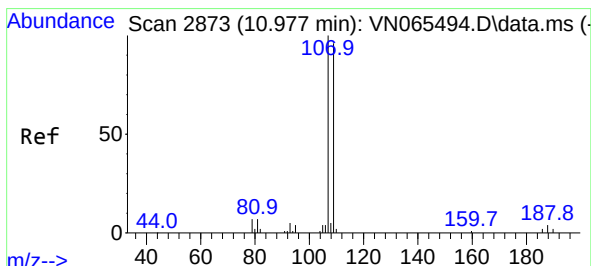
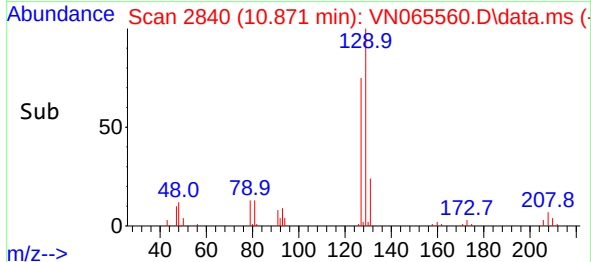
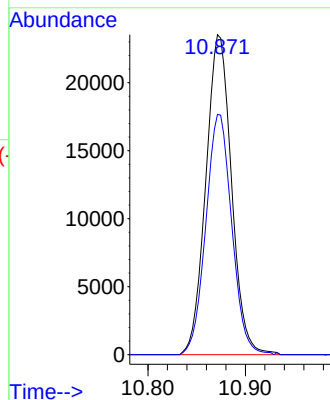
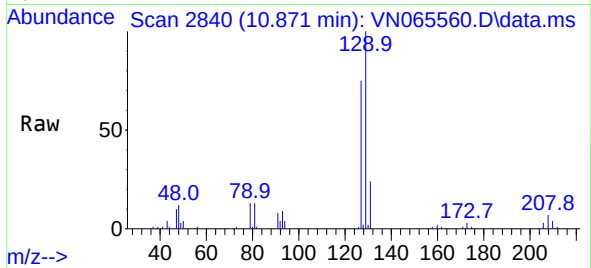
#53
Dibromochloromethane
Concen: 21.74 ug/l
RT: 10.871 min Scan# 2840
Delta R.T. -0.003 min
Lab File: VN065560.D
Acq: 20 Jan 2021 10:02

Tgt Ion:129 Resp: 43104
Ion Ratio Lower Upper
129 100
127 75.7 38.9 116.6

Instrument :
MSVOA_N
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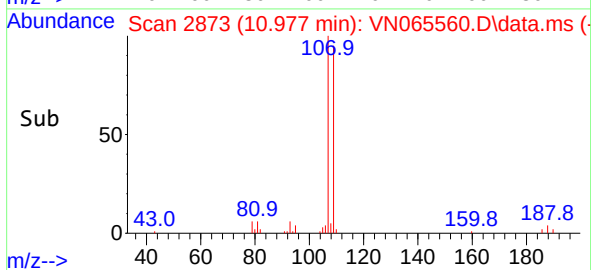
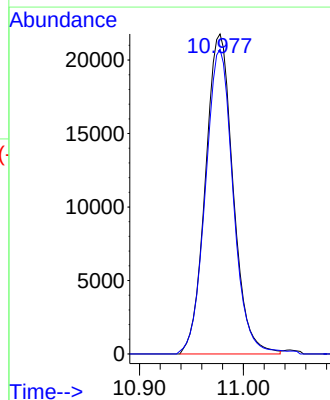
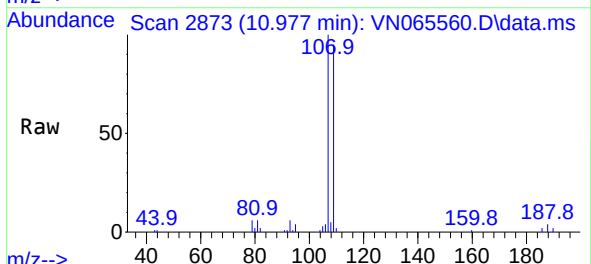
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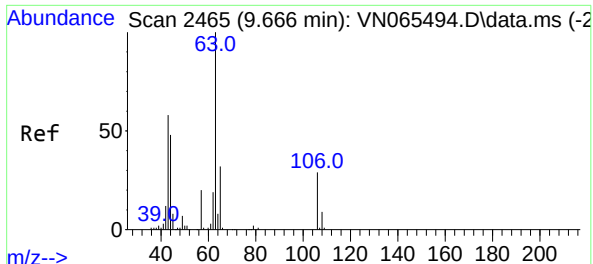
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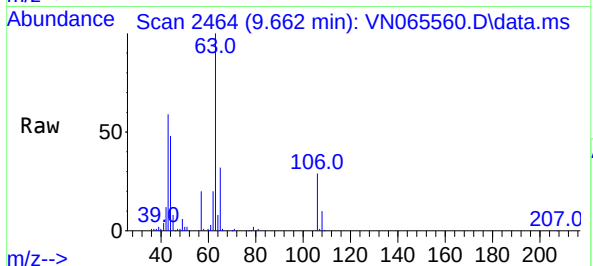
#54
1,2-Dibromoethane
Concen: 21.05 ug/l
RT: 10.977 min Scan# 2873
Delta R.T. -0.000 min
Lab File: VN065560.D
Acq: 20 Jan 2021 10:02

Tgt Ion:107 Resp: 40322
Ion Ratio Lower Upper
107 100
109 95.3 76.6 115.0

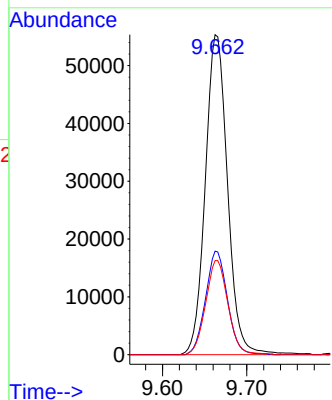




#55
2-Chloroethyl vinyl ether
Concen: 92.44 ug/l
RT: 9.662 min Scan# 2464
Delta R.T. -0.003 min
Lab File: VN065560.D
Acq: 20 Jan 2021 10:02



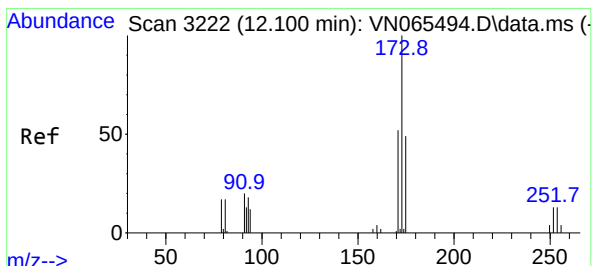
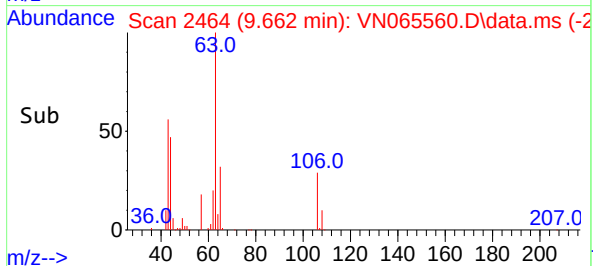
Tgt Ion: 63 Resp: 101540
Ion Ratio Lower Upper
63 100
65 31.7 25.7 38.5
106 29.6 23.1 34.7



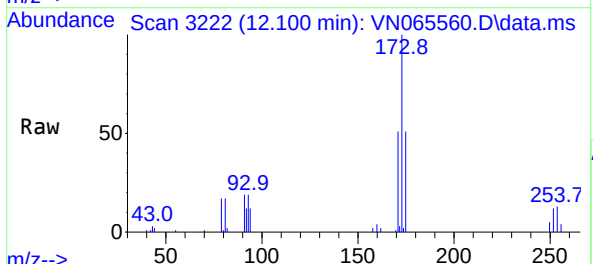
Instrument :
MSVOA_N
ClientSampleId :
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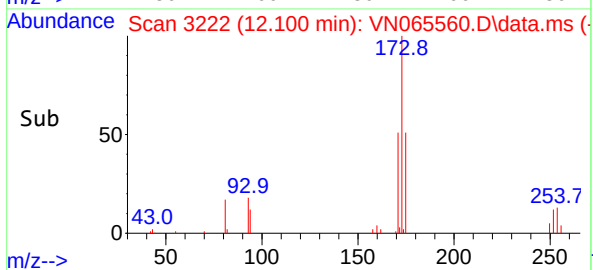
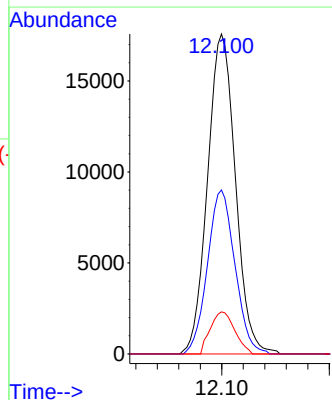
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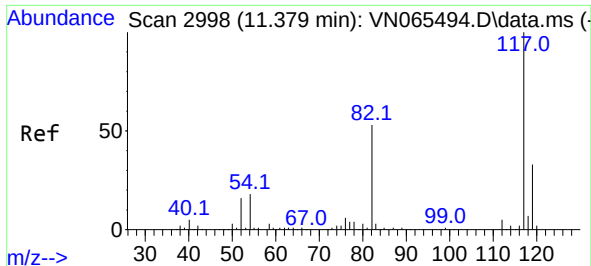


#56
Bromoform
Concen: 20.50 ug/l
RT: 12.100 min Scan# 3222
Delta R.T. -0.000 min
Lab File: VN065560.D
Acq: 20 Jan 2021 10:02



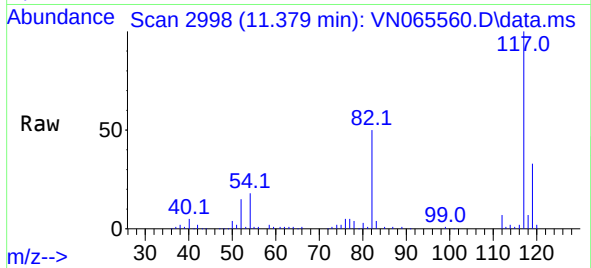
Tgt Ion: 173 Resp: 31647
Ion Ratio Lower Upper
173 100
175 50.5 38.2 57.4
254 11.5 9.8 14.8





#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.379 min Scan# 2998
Delta R.T. 0.000 min
Lab File: VN065560.D
Acq: 20 Jan 2021 10:02

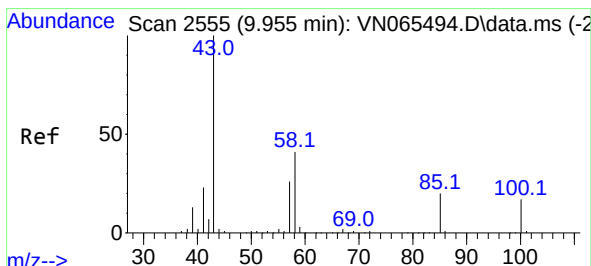
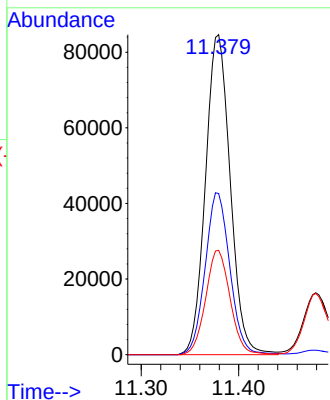
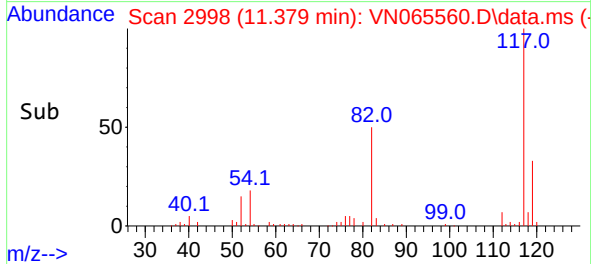
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020



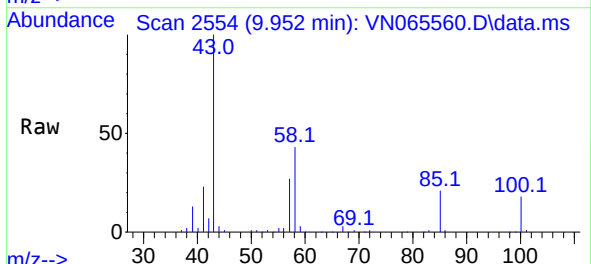
Tgt Ion: 117 Resp: 149855
Ion Ratio Lower Upper
117 100
82 50.5 41.3 61.9
119 32.1 25.7 38.5

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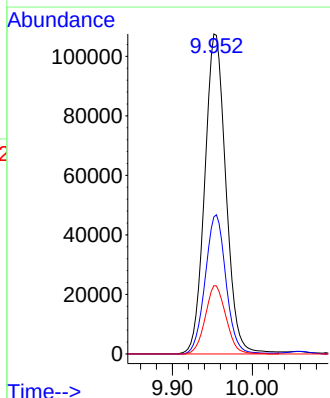
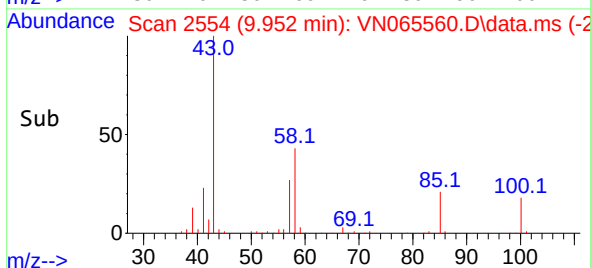
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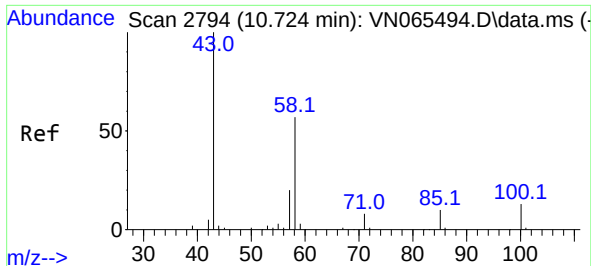


#58
4-Methyl-2-Pentanone
Concen: 99.55 ug/l
RT: 9.952 min Scan# 2554
Delta R.T. -0.003 min
Lab File: VN065560.D
Acq: 20 Jan 2021 10:02

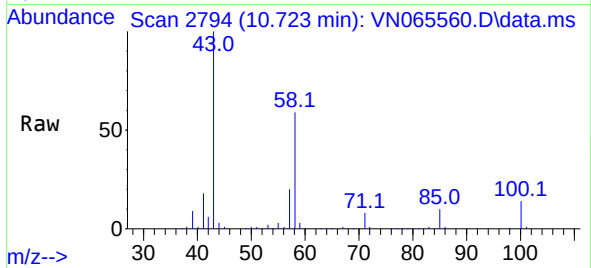


Tgt Ion: 43 Resp: 197995
Ion Ratio Lower Upper
43 100
58 42.7 32.7 49.1
85 20.9 16.0 24.0

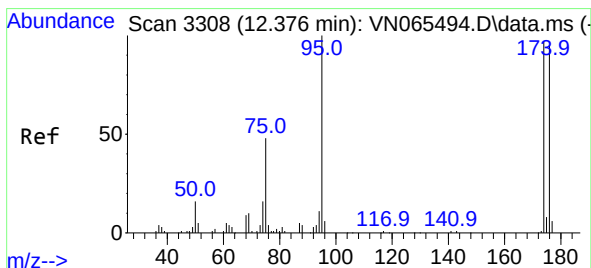
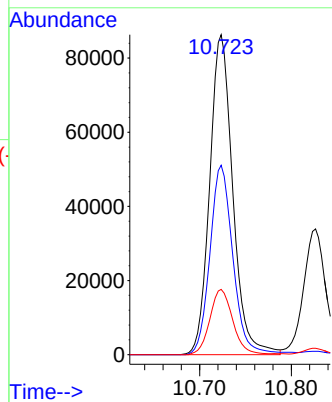
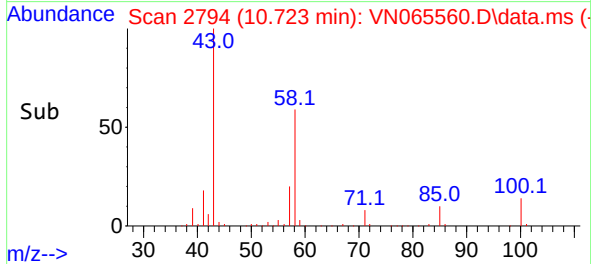




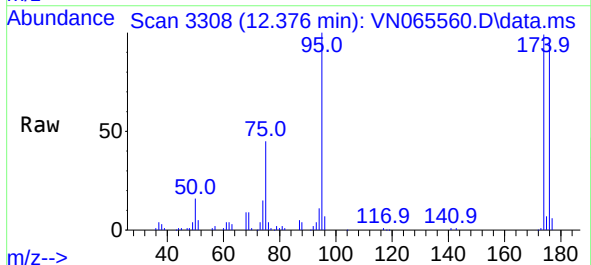
#59
2-Hexanone
Concen: 104.99 ug/l
RT: 10.723 min Scan# 2794
Delta R.T. -0.000 min
Lab File: VN065560.D
Acq: 20 Jan 2021 10:02



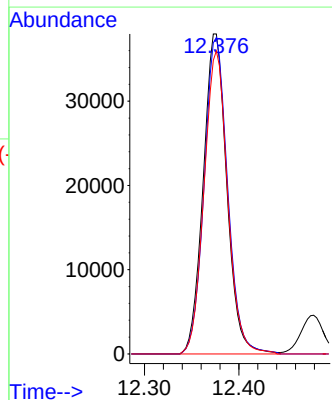
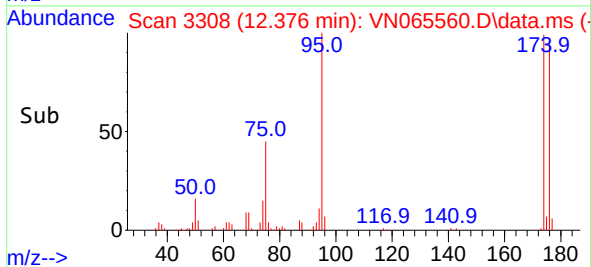
Tgt Ion: 43 Resp: 151079
Ion Ratio Lower Upper
43 100
58 58.8 45.4 68.0
57 20.3 15.8 23.8



#60
4-Bromofluorobenzene
Concen: 29.01 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. -0.000 min
Lab File: VN065560.D
Acq: 20 Jan 2021 10:02



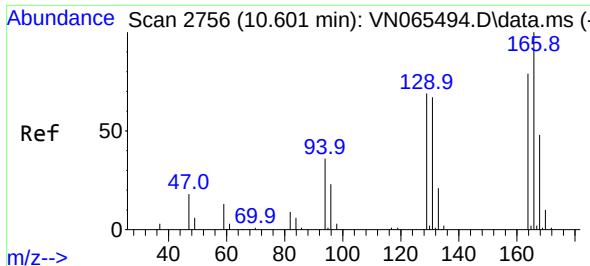
Tgt Ion: 95 Resp: 65843
Ion Ratio Lower Upper
95 100
174 98.4 77.0 115.6
176 94.7 75.8 113.6



Instrument :
MSVOA_N
ClientSampleId :
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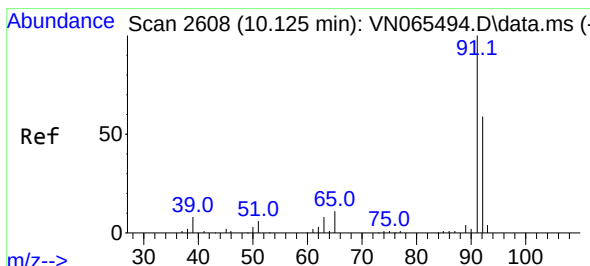
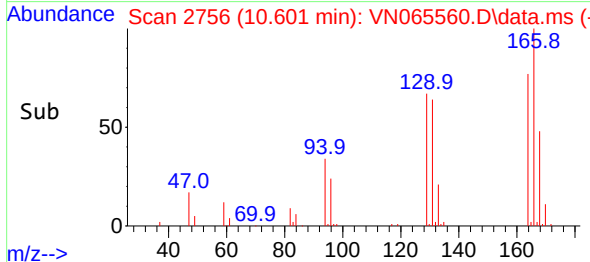
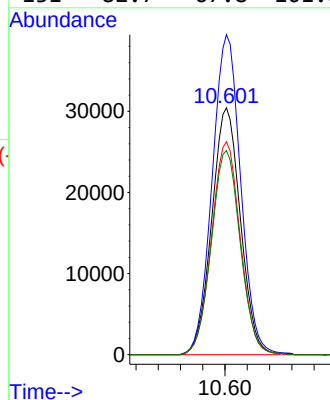
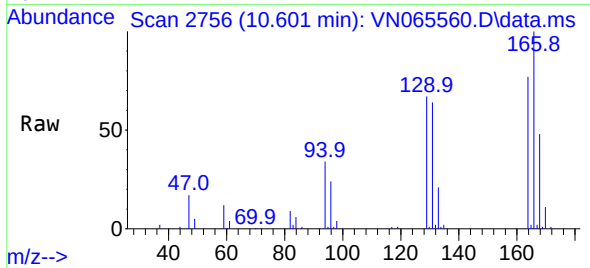
#61
Tetrachloroethene
Concen: 22.79 ug/l
RT: 10.601 min Scan# 2756
Delta R.T. -0.000 min
Lab File: VN065560.D
Acq: 20 Jan 2021 10:02

Tgt Ion:164 Resp: 54568
Ion Ratio Lower Upper
164 100
166 129.6 101.2 151.8
129 86.2 69.7 104.5
131 82.7 67.8 101.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

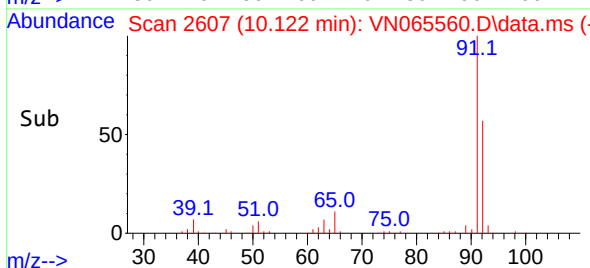
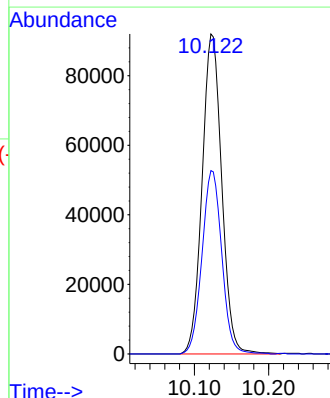
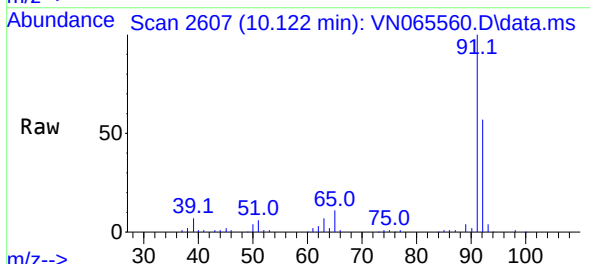
Manual Integrations
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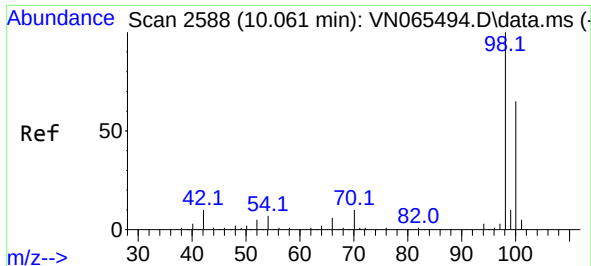
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#62
Toluene
Concen: 21.60 ug/l
RT: 10.122 min Scan# 2607
Delta R.T. -0.003 min
Lab File: VN065560.D
Acq: 20 Jan 2021 10:02

Tgt Ion: 91 Resp: 169009
Ion Ratio Lower Upper
91 100
92 57.6 46.2 69.4





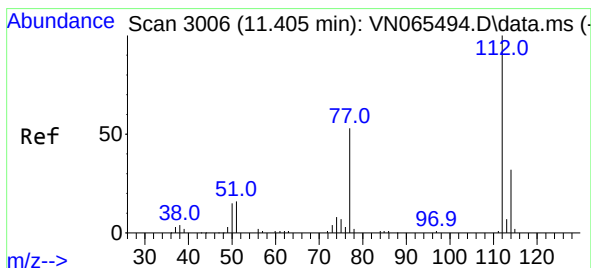
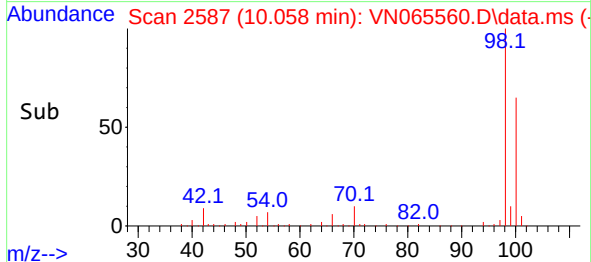
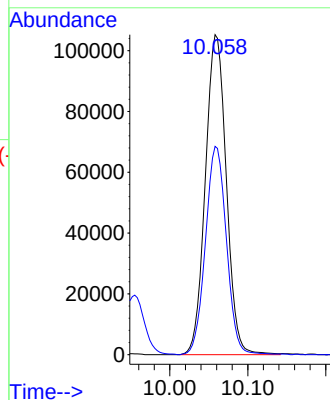
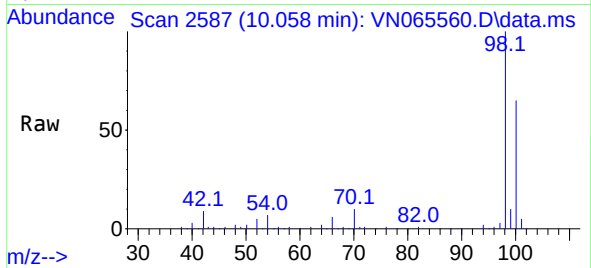
#63
Toluene-d8
Concen: 30.05 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. -0.003 min
Lab File: VN065560.D
Acq: 20 Jan 2021 10:02

Tgt Ion: 98 Resp: 197137
Ion Ratio Lower Upper
98 100
100 65.1 51.9 77.9

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

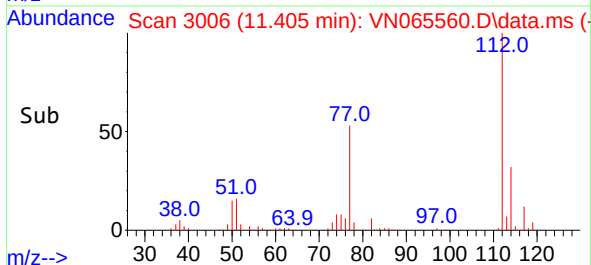
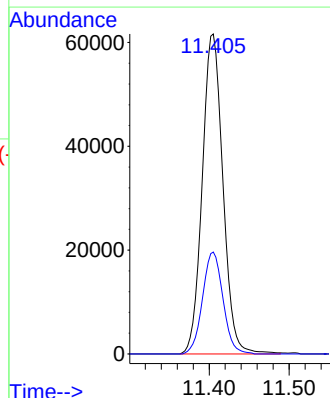
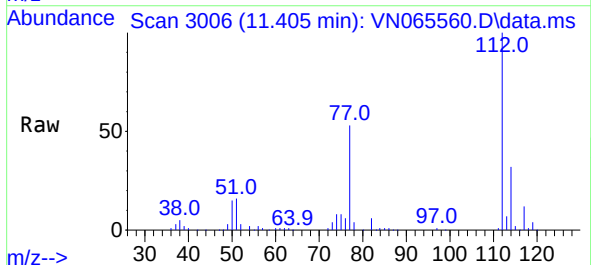
Manual Integrations
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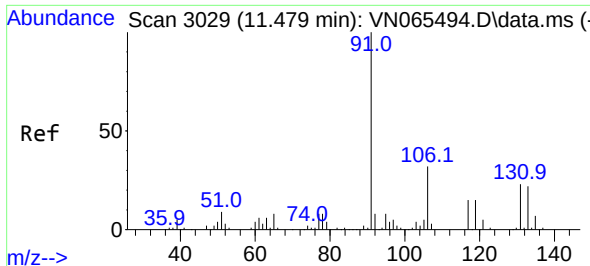
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#64
Chlorobenzene
Concen: 21.82 ug/l
RT: 11.405 min Scan# 3006
Delta R.T. -0.000 min
Lab File: VN065560.D
Acq: 20 Jan 2021 10:02

Tgt Ion:112 Resp: 110966
Ion Ratio Lower Upper
112 100
114 31.9 25.5 38.3





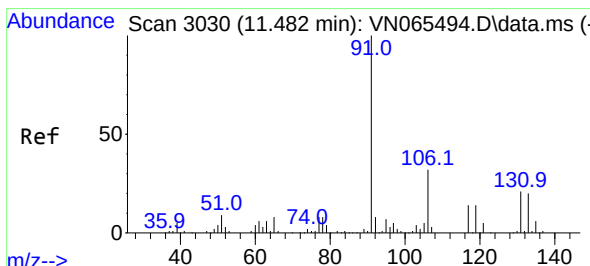
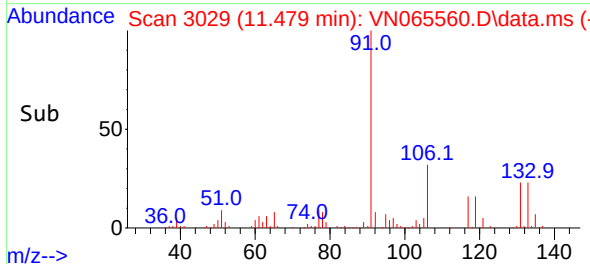
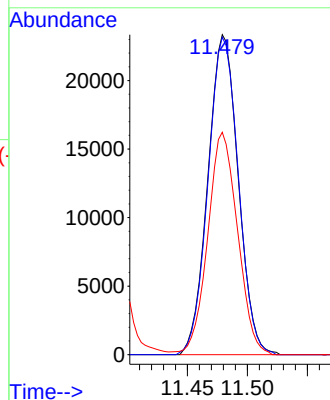
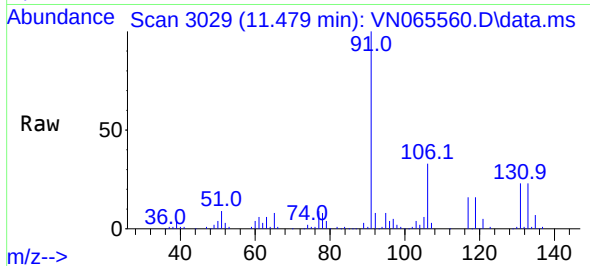
#65
1,1,1,2-Tetrachloroethane
Concen: 21.47 ug/l
RT: 11.479 min Scan# 3029
Delta R.T. -0.000 min
Lab File: VN065560.D
Acq: 20 Jan 2021 10:02

Tgt Ion:	131	Resp:	41036
Ion Ratio	Lower	Upper	
131	100		
133	99.0	0.0	186.2
119	68.3	0.0	131.6

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020

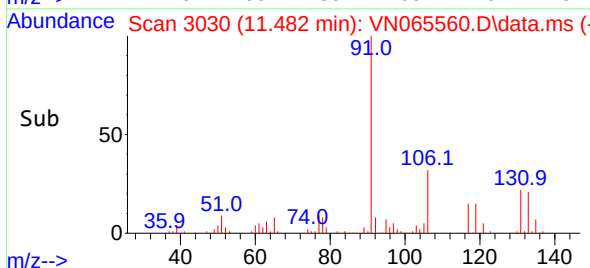
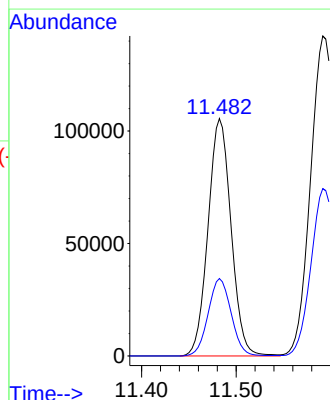
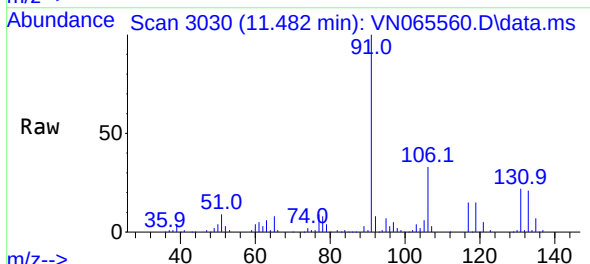
Manual Integrations
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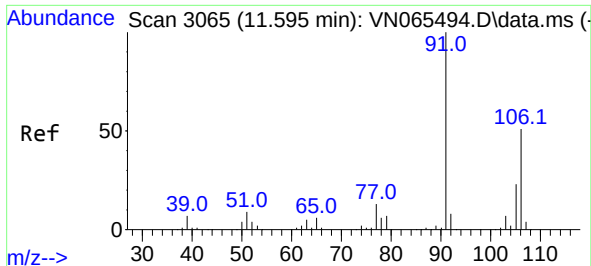
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#66
Ethyl Benzene
Concen: 20.91 ug/l
RT: 11.482 min Scan# 3030
Delta R.T. -0.000 min
Lab File: VN065560.D
Acq: 20 Jan 2021 10:02

Tgt Ion:	91	Resp:	178814
Ion Ratio	Lower	Upper	
91	100		
106	32.6	25.5	38.3





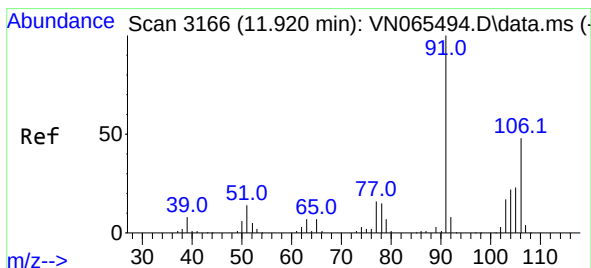
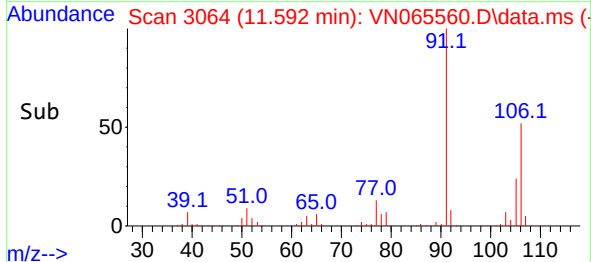
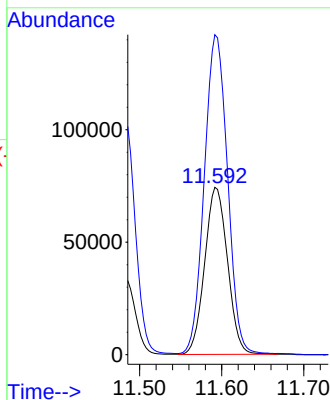
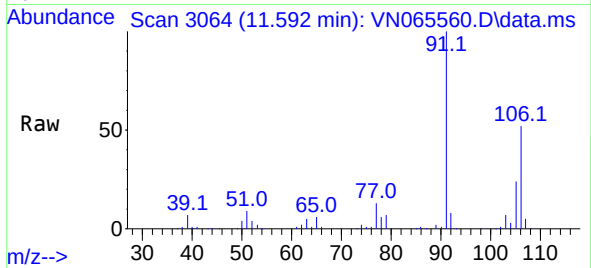
#67
m/p-Xylenes
Concen: 42.94 ug/l
RT: 11.592 min Scan# 3064
Delta R.T. -0.003 min
Lab File: VN065560.D
Acq: 20 Jan 2021 10:02

Tgt Ion:106 Resp: 143644
Ion Ratio Lower Upper
106 100
91 193.6 159.0 238.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

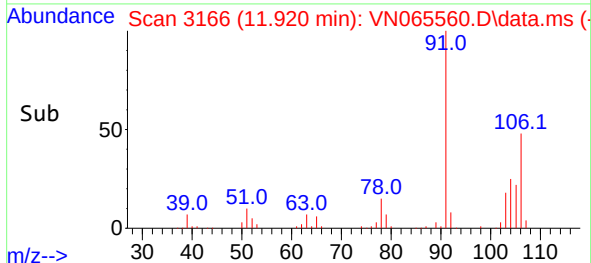
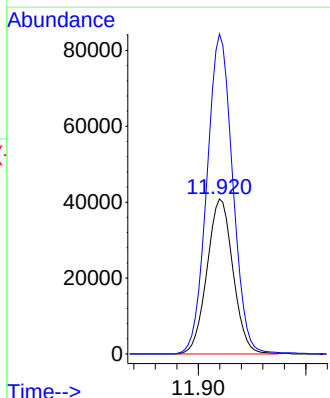
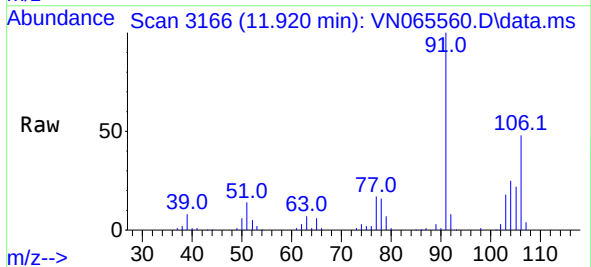
Manual Integrations
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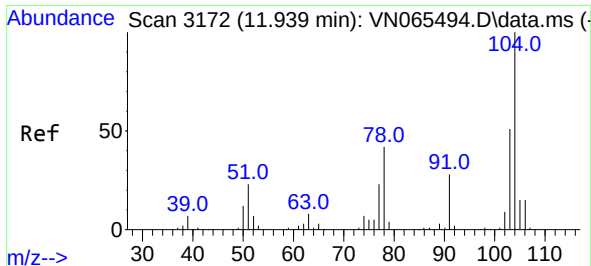
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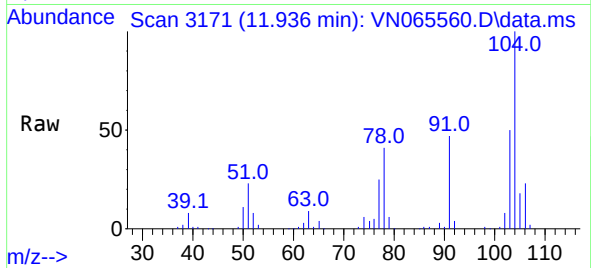
#68
o-Xylene
Concen: 21.21 ug/l
RT: 11.920 min Scan# 3166
Delta R.T. -0.000 min
Lab File: VN065560.D
Acq: 20 Jan 2021 10:02

Tgt Ion:106 Resp: 68565
Ion Ratio Lower Upper
106 100
91 204.9 104.7 313.9

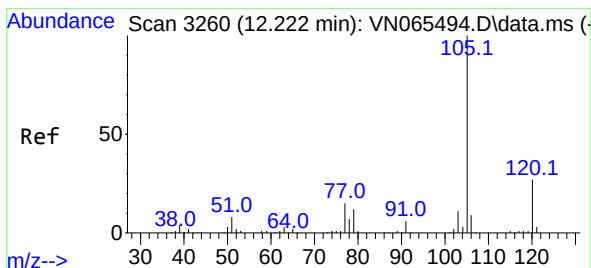
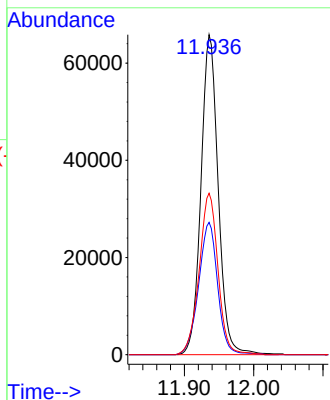
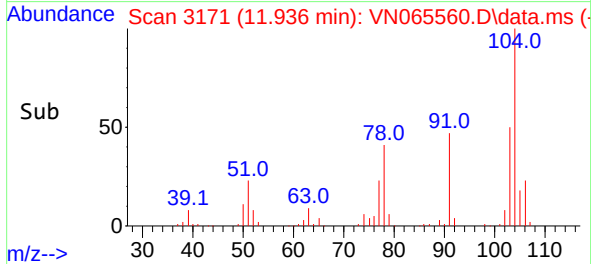




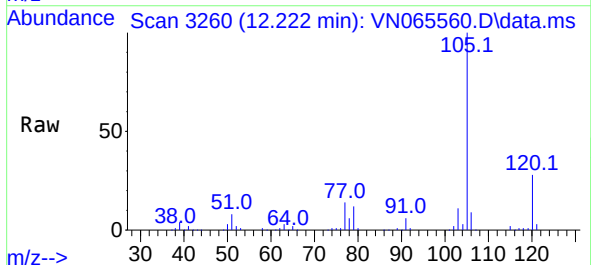
#69
Styrene
Concen: 21.10 ug/l
RT: 11.936 min Scan# 3171
Delta R.T. -0.003 min
Lab File: VN065560.D
Acq: 20 Jan 2021 10:02



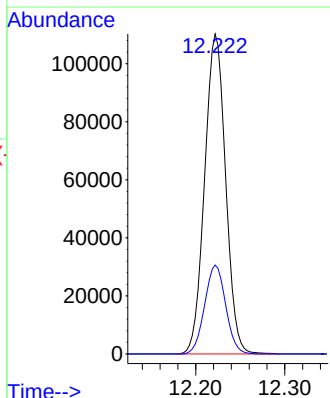
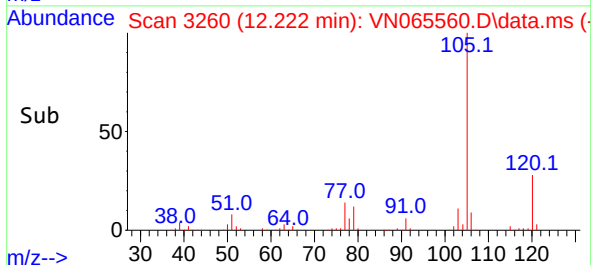
Tgt Ion:104 Resp: 113905
Ion Ratio Lower Upper
104 100
78 45.6 38.0 57.0
103 55.2 44.3 66.5



#70
Isopropylbenzene
Concen: 21.31 ug/l
RT: 12.222 min Scan# 3260
Delta R.T. -0.000 min
Lab File: VN065560.D
Acq: 20 Jan 2021 10:02



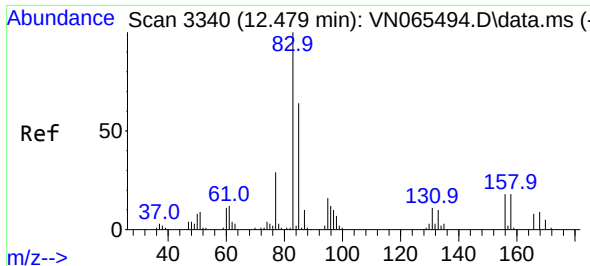
Tgt Ion:105 Resp: 180102
Ion Ratio Lower Upper
105 100
120 27.8 19.3 35.9



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

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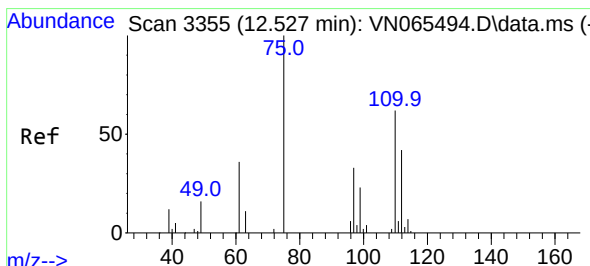
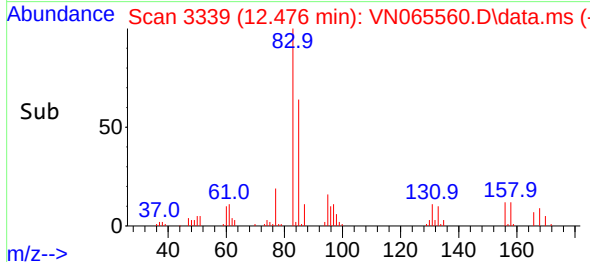
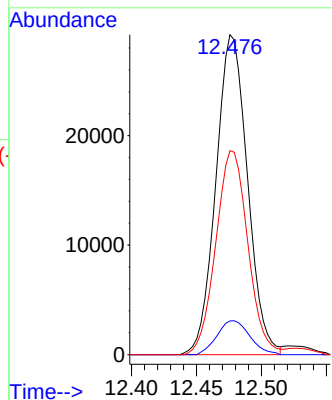
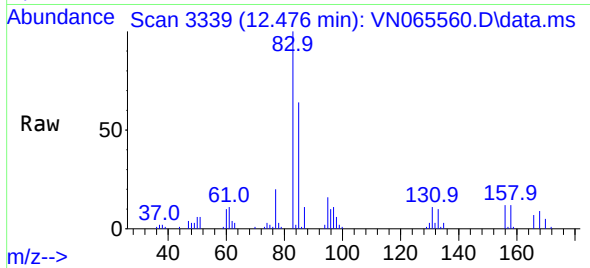
#71
1,1,2,2-Tetrachloroethane
Concen: 20.55 ug/l
RT: 12.476 min Scan# 3339
Delta R.T. -0.003 min
Lab File: VN065560.D
Acq: 20 Jan 2021 10:02

Tgt Ion: 83 Resp: 49410
Ion Ratio Lower Upper
83 100
131 11.0 5.5 16.4
85 64.8 32.1 96.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

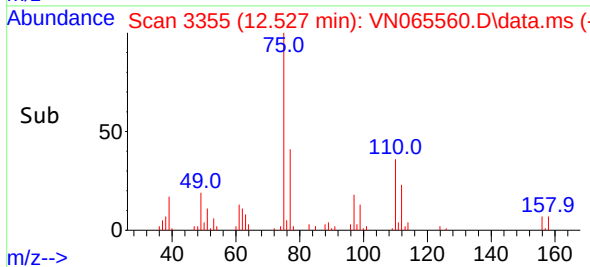
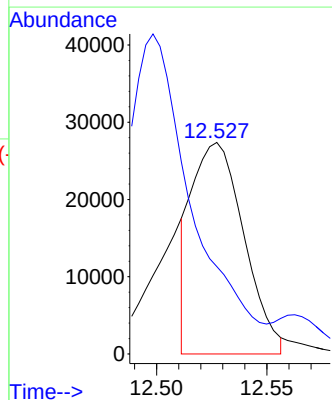
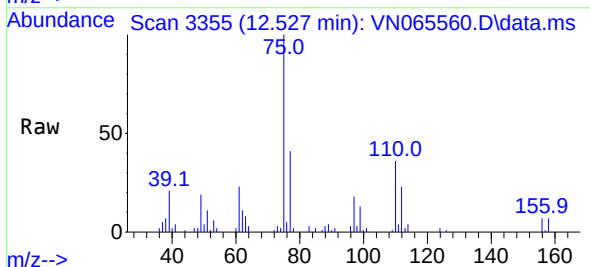
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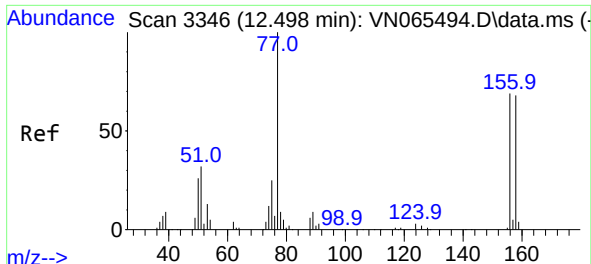
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#72
1,2,3-Trichloropropane
Concen: 19.71 ug/l m
RT: 12.527 min Scan# 3355
Delta R.T. -0.000 min
Lab File: VN065560.D
Acq: 20 Jan 2021 10:02

Tgt Ion: 75 Resp: 44948
Ion Ratio Lower Upper
75 100
77 196.4 0.0 366.4





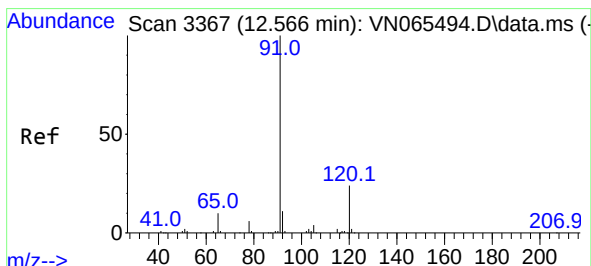
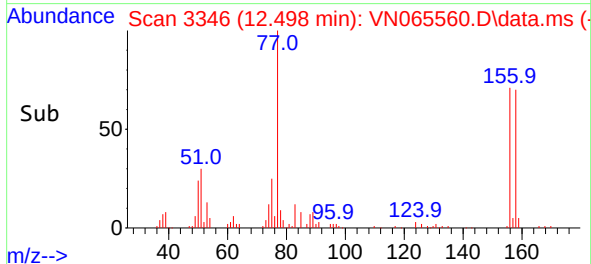
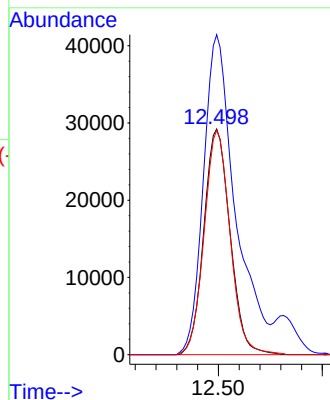
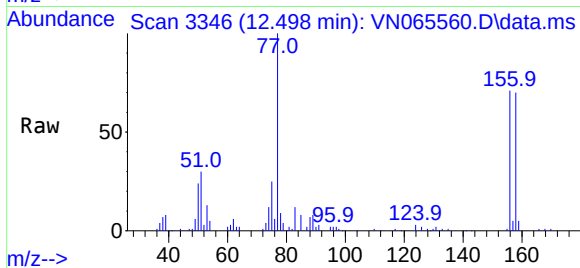
#73
Bromobenzene
Concen: 21.20 ug/l
RT: 12.498 min Scan# 3346
Delta R.T. -0.000 min
Lab File: VN065560.D
Acq: 20 Jan 2021 10:02

Tgt Ion:156 Resp: 51257
Ion Ratio Lower Upper
156 100
77 172.2 0.0 348.8
158 98.3 0.0 194.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

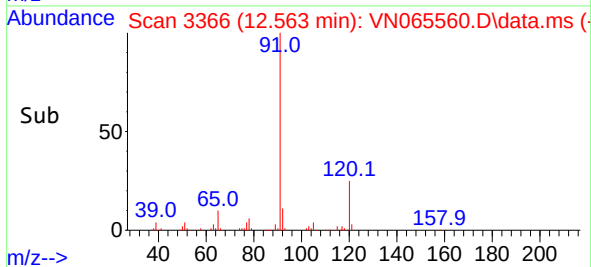
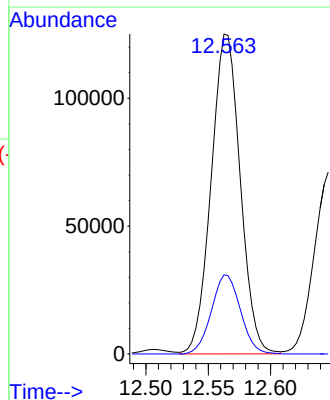
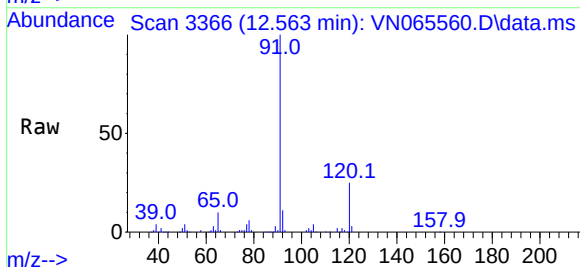
Manual Integrations
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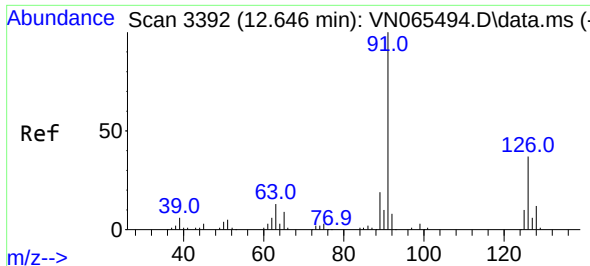
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#74
n-propylbenzene
Concen: 21.40 ug/l
RT: 12.563 min Scan# 3366
Delta R.T. -0.003 min
Lab File: VN065560.D
Acq: 20 Jan 2021 10:02

Tgt Ion: 91 Resp: 202680
Ion Ratio Lower Upper
91 100
120 24.7 0.0 49.4





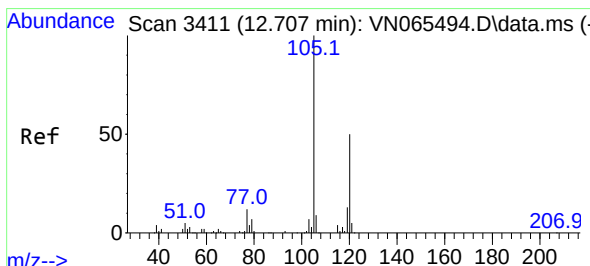
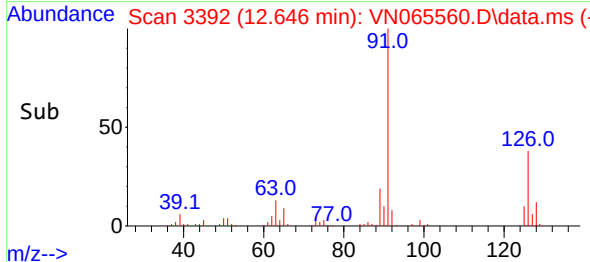
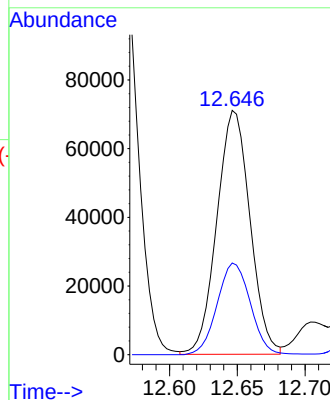
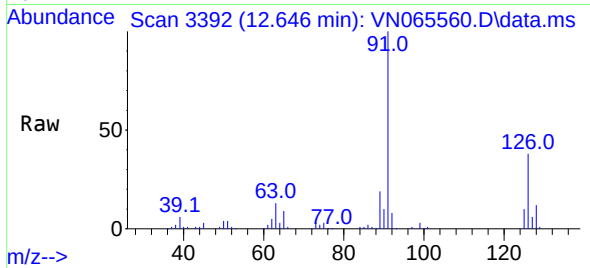
#75
2-Chlorotoluene
Concen: 21.13 ug/l
RT: 12.646 min Scan# 3392
Delta R.T. -0.000 min
Lab File: VN065560.D
Acq: 20 Jan 2021 10:02

Tgt Ion: 91 Resp: 120792
Ion Ratio Lower Upper
91 100
126 37.7 0.0 74.2

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020

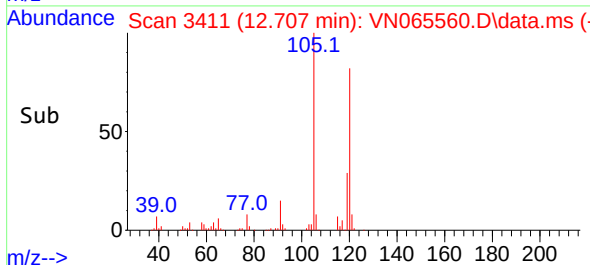
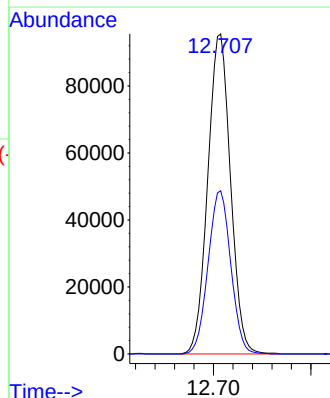
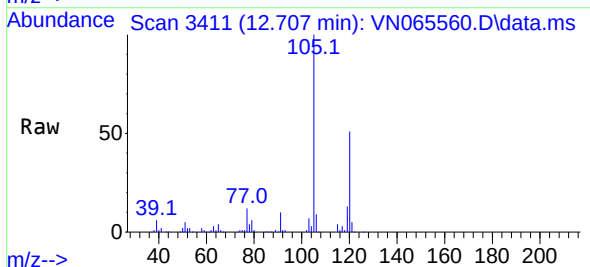
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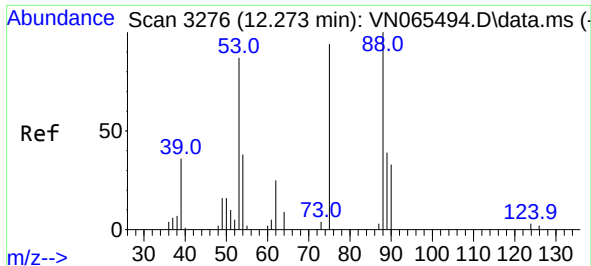
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#76
1,3,5-Trimethylbenzene
Concen: 21.37 ug/l
RT: 12.707 min Scan# 3411
Delta R.T. -0.000 min
Lab File: VN065560.D
Acq: 20 Jan 2021 10:02

Tgt Ion: 105 Resp: 154745
Ion Ratio Lower Upper
105 100
120 50.8 0.0 101.6





#77
t-1,4-Dichloro-2-butene
Concen: 19.83 ug/l
RT: 12.273 min Scan# 3276
Delta R.T. -0.000 min
Lab File: VN065560.D
Acq: 20 Jan 2021 10:02

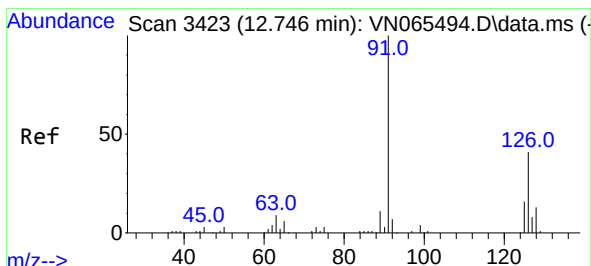
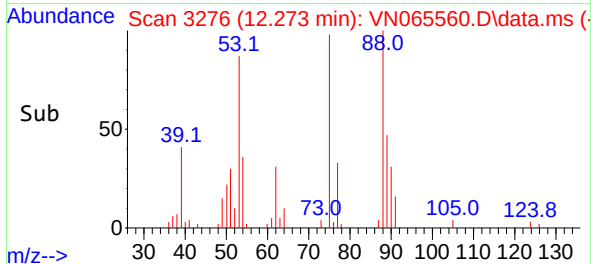
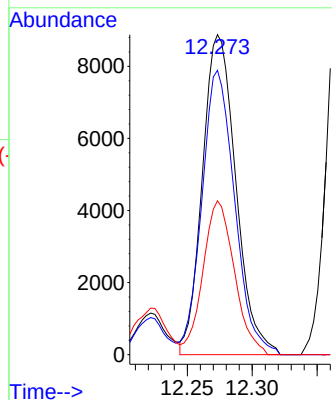
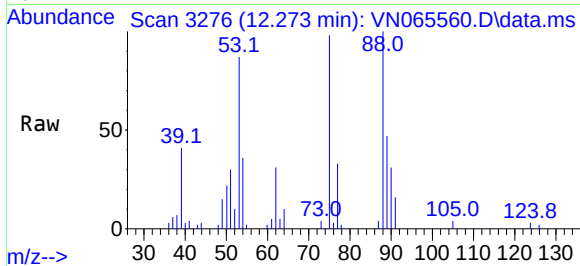
Tgt Ion: 75 Resp: 15907

Ion	Ratio	Lower	Upper
75	100		
53	88.9	44.9	134.5
89	48.1	21.3	64.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Manual Integrations
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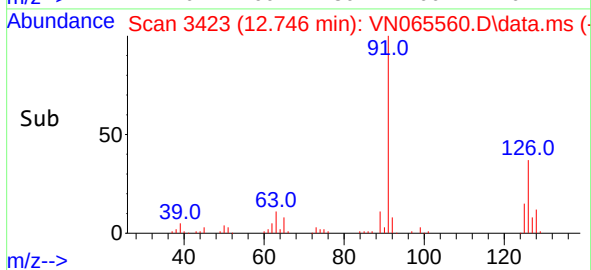
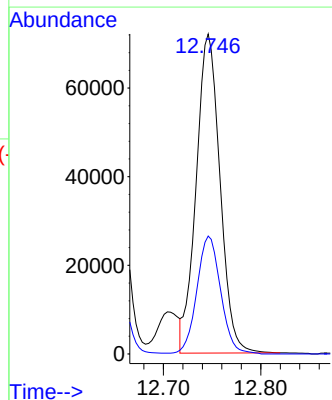
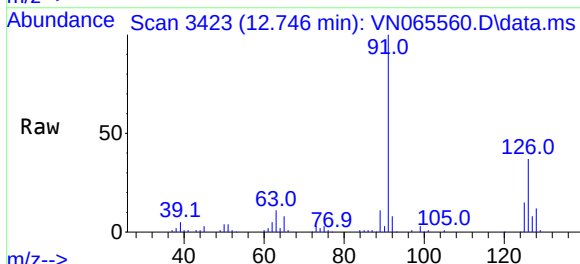
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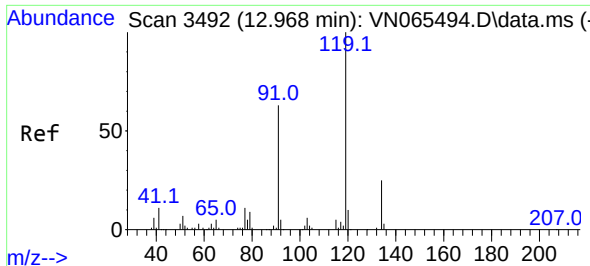


#78
4-Chlorotoluene
Concen: 21.14 ug/l
RT: 12.746 min Scan# 3423
Delta R.T. -0.000 min
Lab File: VN065560.D
Acq: 20 Jan 2021 10:02

Tgt Ion: 91 Resp: 122204

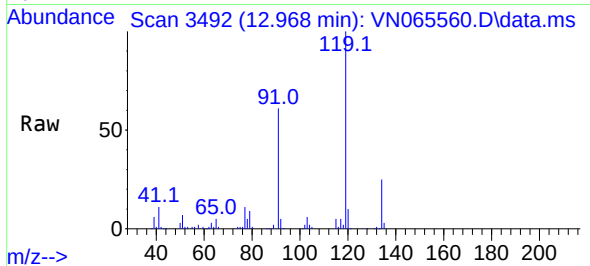
Ion	Ratio	Lower	Upper
91	100		
126	36.9	0.0	71.4





#79
tert-butylbenzene
Concen: 21.27 ug/l
RT: 12.968 min Scan# 3492
Delta R.T. -0.000 min
Lab File: VN065560.D
Acq: 20 Jan 2021 10:02

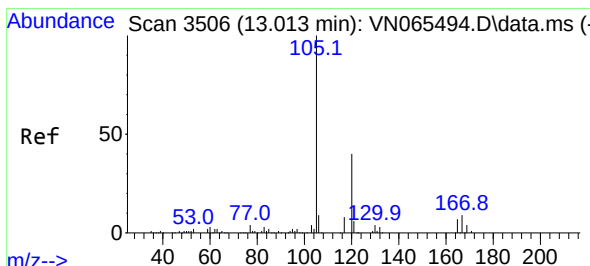
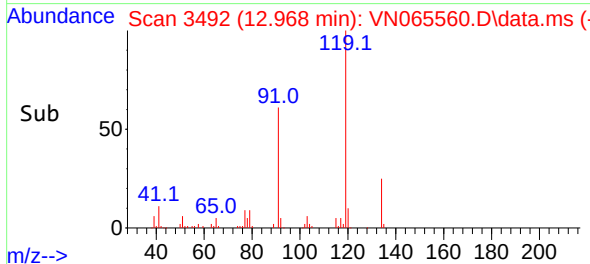
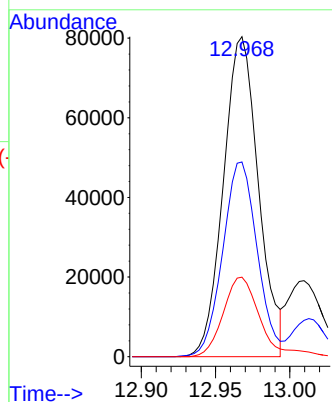
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



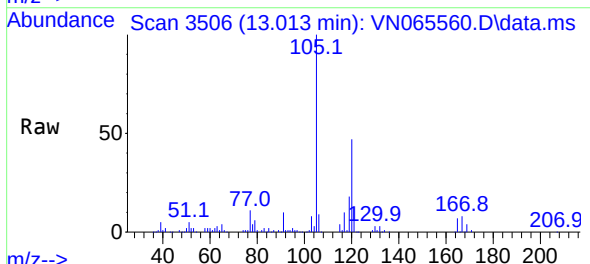
Tgt Ion:119 Resp: 132364
Ion Ratio Lower Upper
119 100
91 59.7 0.0 126.0
134 26.1 0.0 51.2

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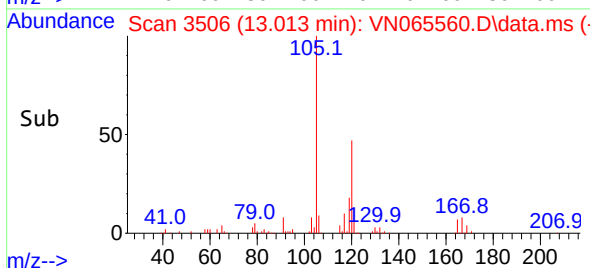
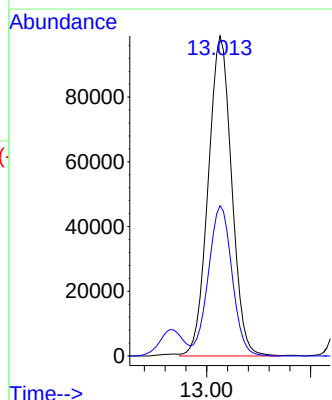
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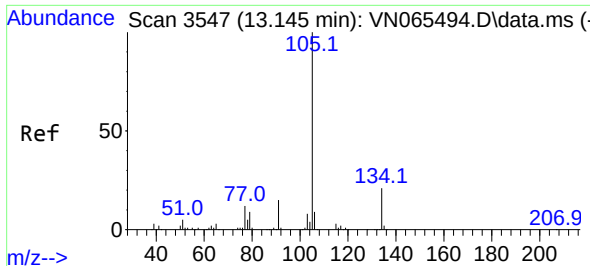


#80
1,2,4-Trimethylbenzene
Concen: 21.53 ug/l
RT: 13.013 min Scan# 3506
Delta R.T. -0.000 min
Lab File: VN065560.D
Acq: 20 Jan 2021 10:02



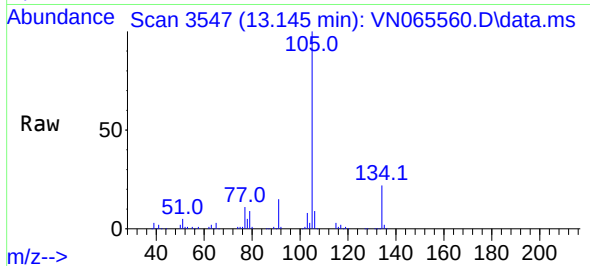
Tgt Ion:105 Resp: 155128
Ion Ratio Lower Upper
105 100
120 47.4 0.0 93.6





#81
 sec-Butylbenzene
 Concen: 21.47 ug/l
 RT: 13.145 min Scan# 3547
 Delta R.T. -0.000 min
 Lab File: VN065560.D
 Acq: 20 Jan 2021 10:02

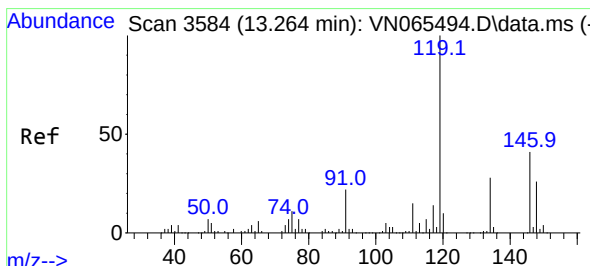
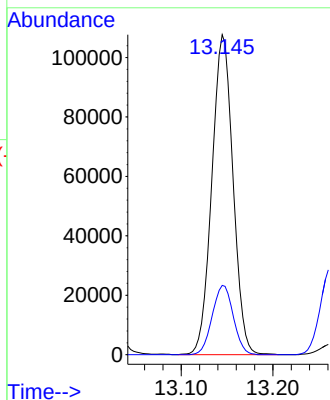
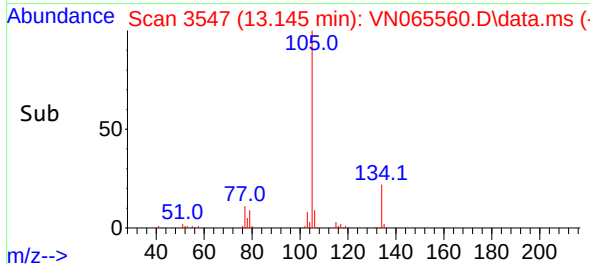
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020



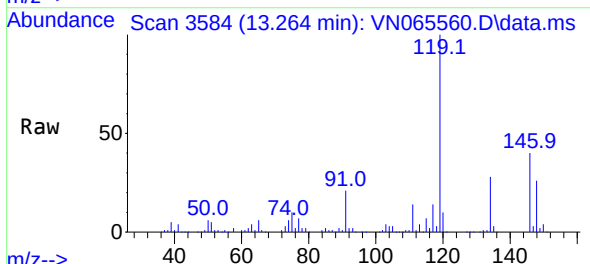
Tgt Ion:105 Resp: 172745
 Ion Ratio Lower Upper
 105 100
 134 21.5 0.0 42.2

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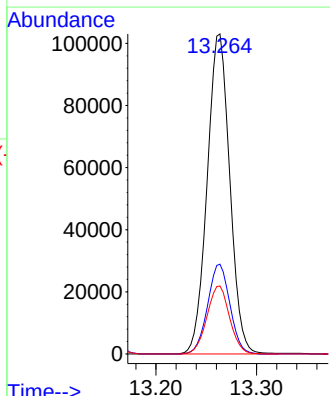
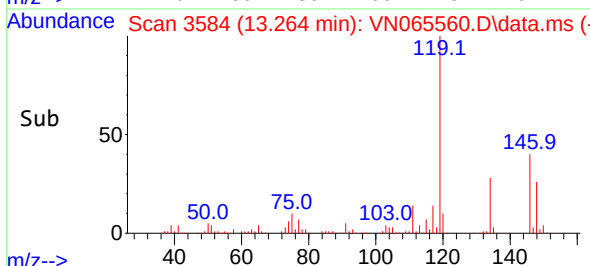
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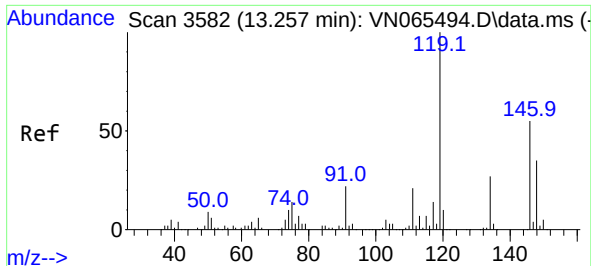


#82
 p-Isopropyltoluene
 Concen: 21.40 ug/l
 RT: 13.264 min Scan# 3584
 Delta R.T. -0.000 min
 Lab File: VN065560.D
 Acq: 20 Jan 2021 10:02



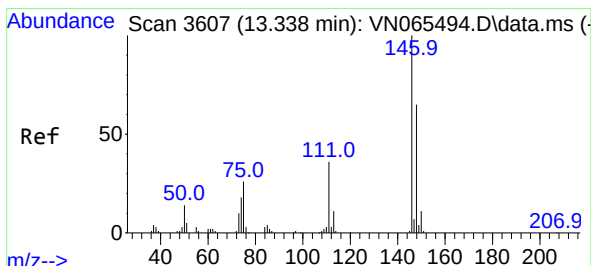
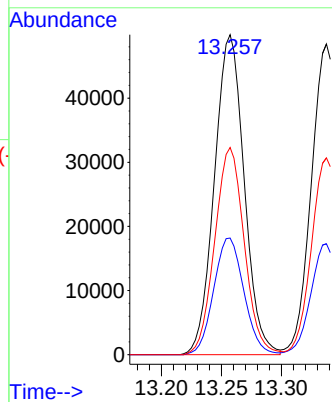
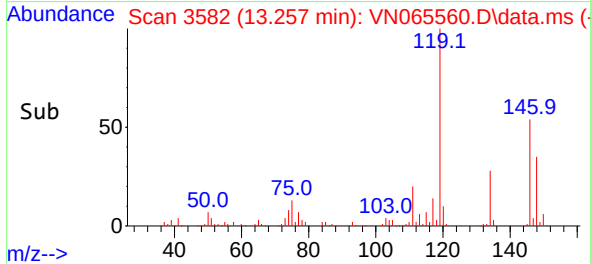
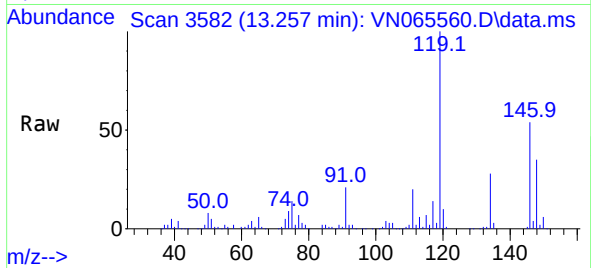
Tgt Ion:119 Resp: 160882
 Ion Ratio Lower Upper
 119 100
 134 27.7 0.0 54.8
 91 21.3 0.0 44.8





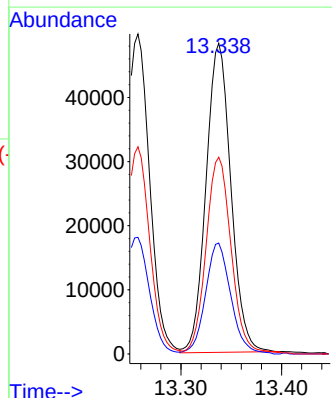
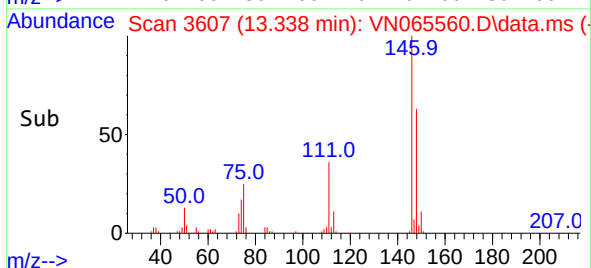
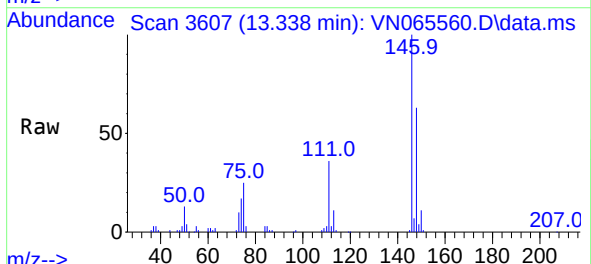
#83
1,3-Dichlorobenzene
Concen: 21.50 ug/l
RT: 13.257 min Scan# 3582
Delta R.T. -0.000 min
Lab File: VN065560.D
Acq: 20 Jan 2021 10:02

Tgt Ion:	146	Resp:	86130
Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.6	55.8
148	64.2	32.0	96.2



#84
1,4-Dichlorobenzene
Concen: 21.20 ug/l
RT: 13.338 min Scan# 3607
Delta R.T. -0.000 min
Lab File: VN065560.D
Acq: 20 Jan 2021 10:02

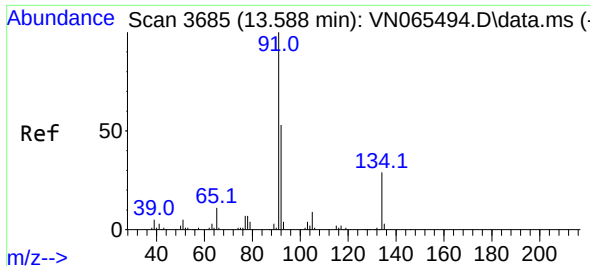
Tgt Ion:	146	Resp:	82874
Ion	Ratio	Lower	Upper
146	100		
111	36.4	17.9	53.7
148	63.7	31.8	95.4



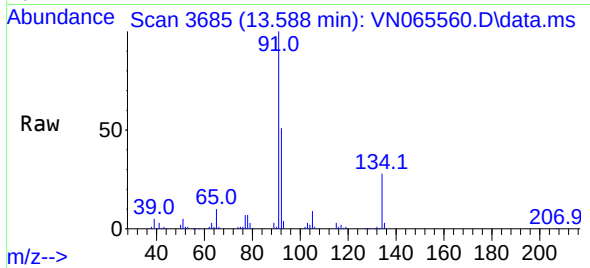
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

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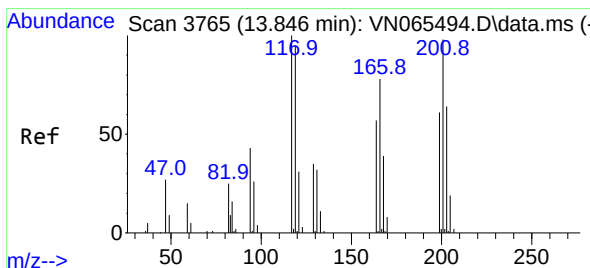
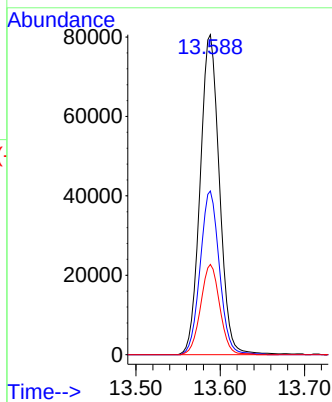
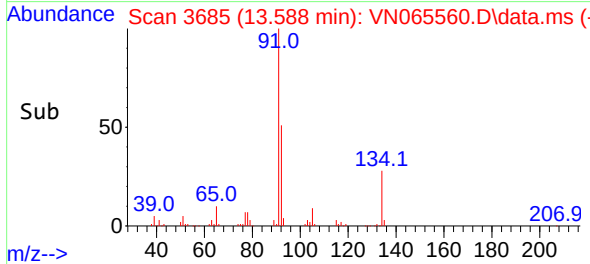
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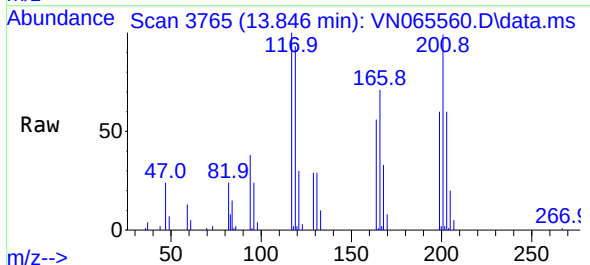
#85
n-Butylbenzene
Concen: 21.61 ug/l
RT: 13.588 min Scan# 3685
Delta R.T. -0.000 min
Lab File: VN065560.D
Acq: 20 Jan 2021 10:02



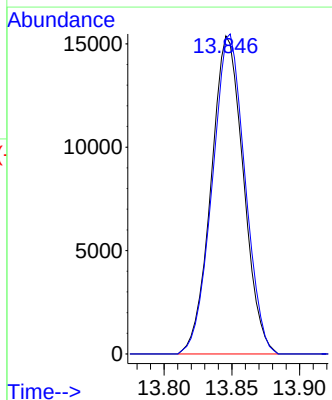
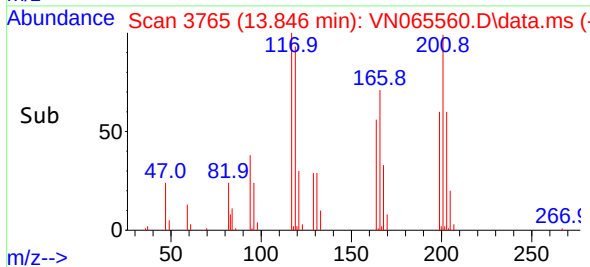
Tgt Ion: 91 Resp: 128454
Ion Ratio Lower Upper
91 100
92 51.0 0.0 104.8
134 27.9 0.0 55.8



#86
Hexachloroethane
Concen: 20.62 ug/l
RT: 13.846 min Scan# 3765
Delta R.T. -0.000 min
Lab File: VN065560.D
Acq: 20 Jan 2021 10:02



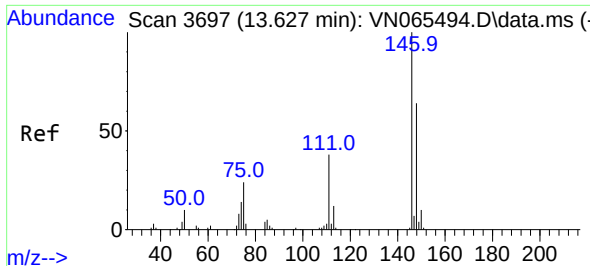
Tgt Ion: 117 Resp: 25512
Ion Ratio Lower Upper
117 100
201 101.3 48.4 145.3



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

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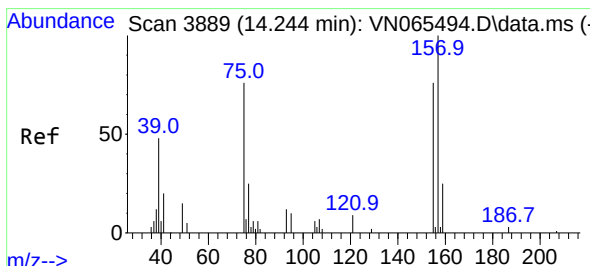
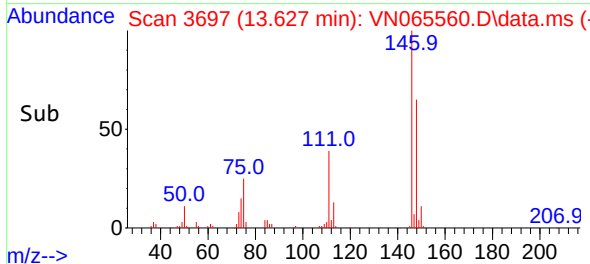
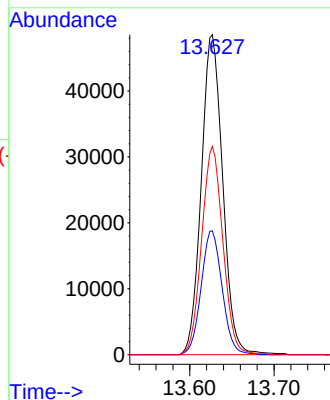
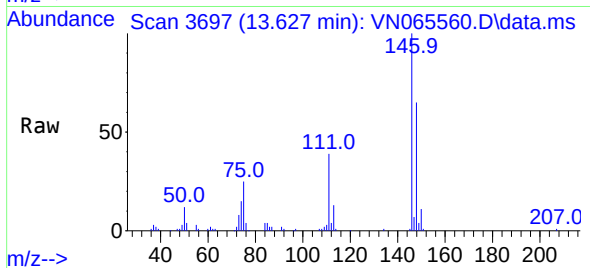
#87
1,2-Dichlorobenzene
Concen: 21.79 ug/l
RT: 13.627 min Scan# 3697
Delta R.T. -0.000 min
Lab File: VN065560.D
Acq: 20 Jan 2021 10:02

Tgt Ion:	146	Resp:	86011
Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.9	56.9
148	64.6	32.3	96.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

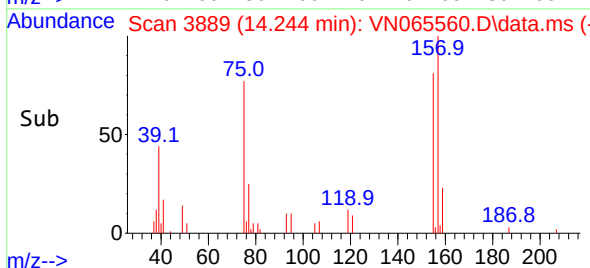
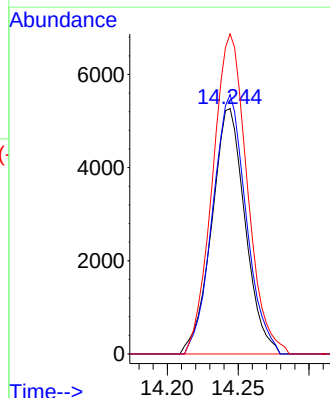
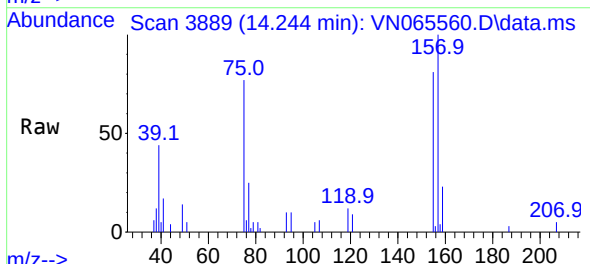
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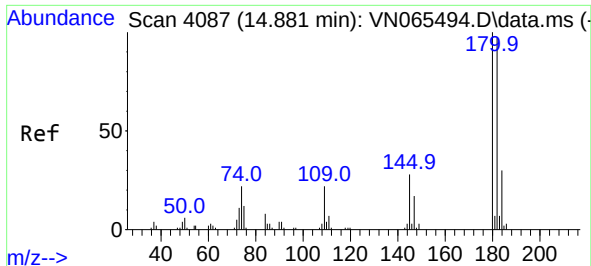
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#88
1,2-Dibromo-3-Chloropropane
Concen: 20.16 ug/l
RT: 14.244 min Scan# 3889
Delta R.T. -0.000 min
Lab File: VN065560.D
Acq: 20 Jan 2021 10:02

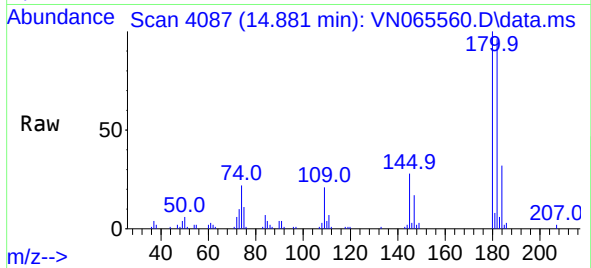
Tgt Ion:	75	Resp:	8655
Ion	Ratio	Lower	Upper
75	100		
155	105.9	76.9	115.3
157	135.0	105.8	158.8





#89
1,2,4-Trichlorobenzene
Concen: 23.22 ug/l
RT: 14.881 min Scan# 4087
Delta R.T. -0.000 min
Lab File: VN065560.D
Acq: 20 Jan 2021 10:02

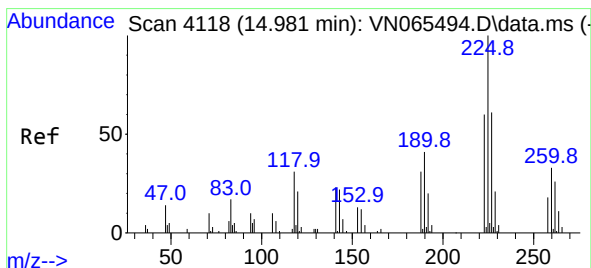
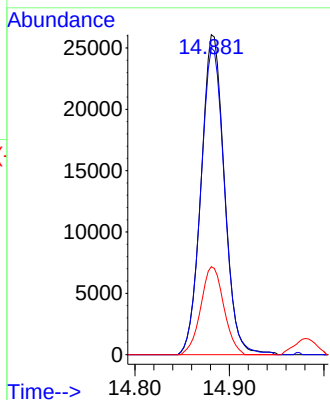
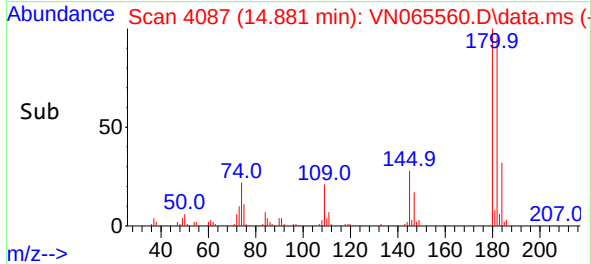
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



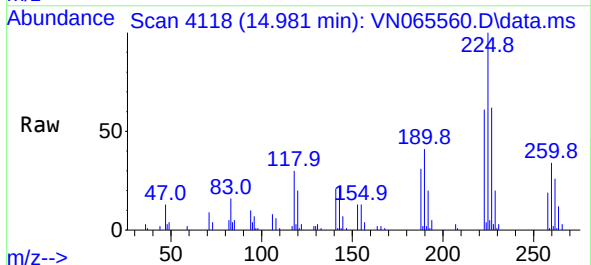
Tgt Ion:180 Resp: 44597
Ion Ratio Lower Upper
180 100
182 97.2 78.5 117.7
145 27.2 23.8 35.6

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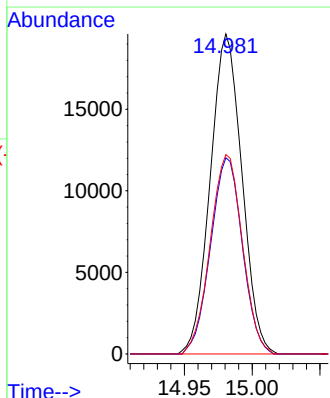
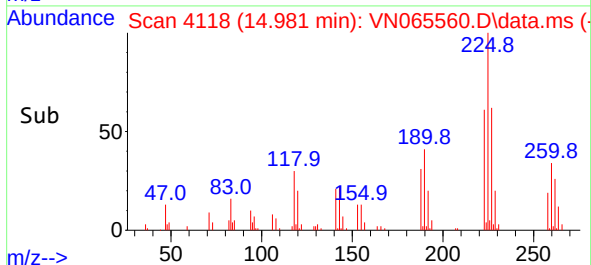
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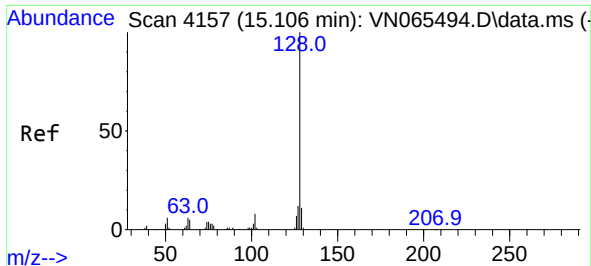


#90
Hexachlorobutadiene
Concen: 23.07 ug/l
RT: 14.981 min Scan# 4118
Delta R.T. -0.000 min
Lab File: VN065560.D
Acq: 20 Jan 2021 10:02



Tgt Ion:225 Resp: 31833
Ion Ratio Lower Upper
225 100
223 61.4 0.0 122.0
227 63.3 0.0 126.4





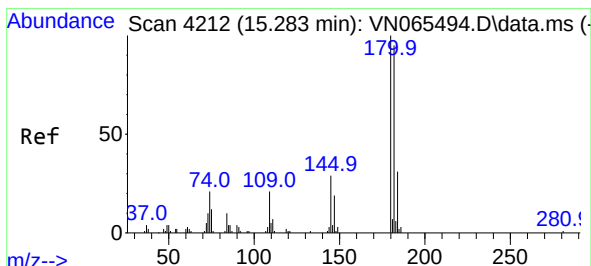
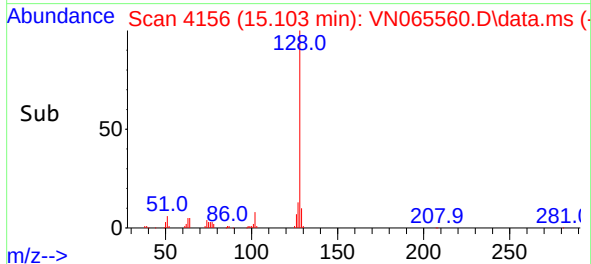
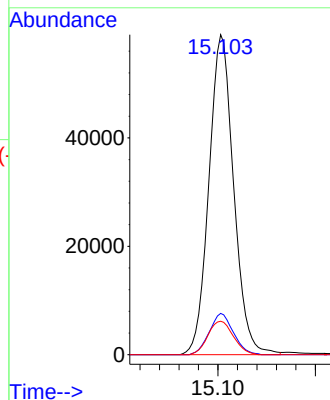
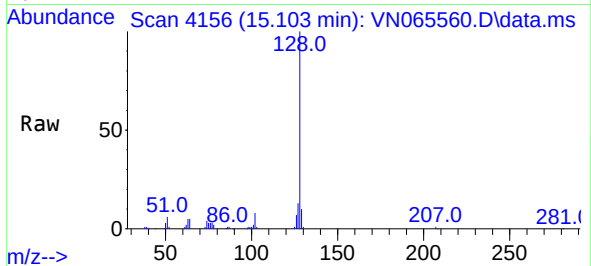
#91
Naphthalene
Concen: 22.96 ug/l
RT: 15.103 min Scan# 4156
Delta R.T. -0.003 min
Lab File: VN065560.D
Acq: 20 Jan 2021 10:02

Tgt Ion:	128	Resp:	104156
Ion Ratio	Lower	Upper	
128	100		
127	12.6	10.1	15.1
129	10.8	8.6	12.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

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#92
1,2,3-Trichlorobenzene
Concen: 22.83 ug/l
RT: 15.283 min Scan# 4212
Delta R.T. -0.000 min
Lab File: VN065560.D
Acq: 20 Jan 2021 10:02

Tgt Ion:	180	Resp:	45716
Ion Ratio	Lower	Upper	
180	100		
182	95.1	0.0	190.4
145	28.5	0.0	57.8

