

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122120\
 Data File : VN065174.D
 Acq On : 21 Dec 2020 11:44
 Operator : JC/MD
 Sample : VSTDICCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Manual Integrations
 APPROVED

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 12/22/2020 10:18:52 AM

Quant Time: Dec 21 12:30:53 2020
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N122120w.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Dec 21 12:18:11 2020
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.145	128	33807	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.547	114	190270	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.380	117	169152	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.984	65	74599	31.50	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	105.00%
60) 4-Bromofluorobenzene	12.376	95	79341	29.59	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	98.63%
63) Toluene-d8	10.058	98	225769	27.87	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	92.90%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.827	85	29396	15.85	ug/l	98
3) Chloromethane	2.033	50	37792	17.45	ug/l	99
4) Vinyl Chloride	2.158	62	40131	16.68	ug/l	98
5) Bromomethane	2.531	94	28086	16.27	ug/l	99
6) Chloroethane	2.669	64	25200	17.12	ug/l	98
7) Trichlorofluoromethane	2.981	101	58640	16.33	ug/l	96
8) Diethyl Ether	3.370	74	21141	18.39	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.714	101	33652	18.18	ug/l #	41
10) 1,1-Dichloroethene	3.692	96	33180	18.41	ug/l	85
11) Methyl Iodide	3.907	142	46895	18.60	ug/l	90
12) Methyl Acetate	4.271	43	33425	19.99	ug/l	100
13) Acrolein	3.563	56	20645	89.22	ug/l	95
14) Acrylonitrile	4.923	53	78832	97.16	ug/l	99
15) Acetone	3.769	58	29185	112.84	ug/l	89
16) Carbon Disulfide	4.010	76	93703	17.83	ug/l	99
17) Allyl chloride	4.274	41	58243	21.11	ug/l	97
18) Methylene Chloride	4.499	84	37204	17.79	ug/l	95
19) trans-1,2-Dichloroethene	4.988	96	35950	18.39	ug/l	91
20) Diisopropyl ether	5.898	45	116356	17.83	ug/l	99
21) 1,1-Dichloroethane	5.791	63	65314	16.86	ug/l	96
22) cis-1,2-Dichloroethene	6.779	96	41503	18.76	ug/l	88
23) tert-Butyl Alcohol	4.717	59	33606	119.12	ug/l #	100
24) Methyl tert-Butyl Ether	4.984	73	115004	20.43	ug/l #	74
25) Chloroform	7.325	83	67663	18.43	ug/l	98
26) Cyclohexane	7.611	56	58491	20.17	ug/l #	95
29) 1,1-Dichloropropene	7.750	75	50451	17.09	ug/l	97
30) 2-Butanone	6.779	43	121016	102.48	ug/l #	77
31) 2,2-Dichloropropane	6.772	77	62760	18.75	ug/l	95
32) 1,1,1-Trichloroethane	7.524	97	60610	17.20	ug/l	97
33) Carbon Tetrachloride	7.730	117	53292	16.84	ug/l	98
34) Benzene	8.000	78	147936	16.78	ug/l	96
35) Methacrylonitrile	7.126	41	22408	19.72	ug/l	94
36) 1,2-Dichloroethane	8.081	62	55071m	17.82	ug/l	
37) Trichloroethene	8.798	130	42603	17.49	ug/l	90
38) Methylcyclohexane	9.045	83	62544	17.36	ug/l	95
39) 1,2-Dichloropropane	9.084	63	39051	16.42	ug/l	99
40) Dibromomethane	9.171	93	26229	15.66	ug/l	85
41) Bromodichloromethane	9.367	83	55185	16.05	ug/l	98
42) Vinyl Acetate	5.836	43	502497	89.64	ug/l	97
43) Ethyl Acetate	6.878	43	45862	19.23	ug/l	99

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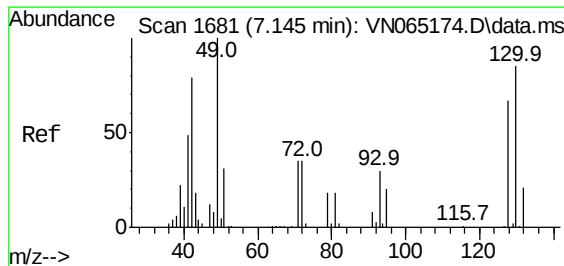
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Quant Time: Dec 21 12:30:53 2020
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N122120w.M
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 Response via : Initial Calibration

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

44) Isopropyl Acetate	8.122	43	84957	20.59	ug/l #	77
45) 1,4-Dioxane	9.161	88	12510	345.64	ug/l	97
46) Methyl methacrylate	9.164	41	40114	19.08	ug/l	92
47) n-amyI Acetate	12.042	43	68981	20.11	ug/l	95
48) t-1,3-Dichloropropene	10.351	75	61435	18.05	ug/l	98
49) cis-1,3-Dichloropropene	9.807	75	65246	17.06	ug/l	95
50) 1,1,2-Trichloroethane	10.531	97	36944	17.05	ug/l	95
51) Ethyl methacrylate	10.399	69	55956	18.67	ug/l	93
52) 1,3-Dichloropropane	10.675	76	60899	16.92	ug/l	100
53) Dibromochloromethane	10.872	129	43256	17.06	ug/l	98
54) 1,2-Dibromoethane	10.974	107	38614	17.00	ug/l	98
55) 2-Chloroethyl vinyl ether	9.663	63	121825	82.29	ug/l	97
56) Bromoform	12.100	173	32965	18.79	ug/l #	95
58) 4-Methyl-2-Pentanone	9.949	43	233797	93.19	ug/l	96
59) 2-Hexanone	10.720	43	173503	102.79	ug/l	93
61) Tetrachloroethene	10.601	164	47725	19.33	ug/l	89
62) Toluene	10.122	91	162438	17.55	ug/l	100
64) Chlorobenzene	11.402	112	99061	17.19	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.479	131	39309	17.83	ug/l	100
66) Ethyl Benzene	11.482	91	179433	18.06	ug/l	97
67) m/p-Xylenes	11.592	106	136356	35.41	ug/l	94
68) o-Xylene	11.920	106	65310	17.90	ug/l	98
69) Styrene	11.936	104	107711	17.70	ug/l	97
70) Isopropylbenzene	12.222	105	174665	18.27	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.476	83	46484	17.06	ug/l	97
72) 1,2,3-Trichloropropane	12.527	75	50939m	19.53	ug/l	
73) Bromobenzene	12.499	156	44992	18.12	ug/l	79
74) n-propylbenzene	12.563	91	195032	17.92	ug/l	97
75) 2-Chlorotoluene	12.646	91	115511	17.57	ug/l	92
76) 1,3,5-Trimethylbenzene	12.704	105	148528	18.05	ug/l	95
77) t-1,4-Dichloro-2-butene	12.273	75	18479	19.27	ug/l	92
78) 4-Chlorotoluene	12.746	91	114627	17.08	ug/l	92
79) tert-butylbenzene	12.968	119	127887	18.36	ug/l	91
80) 1,2,4-Trimethylbenzene	13.013	105	146138	17.91	ug/l	98
81) sec-Butylbenzene	13.145	105	163976	18.16	ug/l	97
82) p-Isopropyltoluene	13.261	119	151577	17.79	ug/l	97
83) 1,3-Dichlorobenzene	13.257	146	72375	16.51	ug/l	95
84) 1,4-Dichlorobenzene	13.338	146	71986	15.62	ug/l	96
85) n-Butylbenzene	13.589	91	130143	17.13	ug/l	96
86) Hexachloroethane	13.846	117	27047	16.52	ug/l	69
87) 1,2-Dichlorobenzene	13.627	146	71325	15.69	ug/l	95
88) 1,2-Dibromo-3-Chloropr...	14.241	75	9532	17.30	ug/l #	74
89) 1,2,4-Trichlorobenzene	14.881	180	35829	16.89	ug/l	94
90) Hexachlorobutadiene	14.981	225	26342	19.35	ug/l	98
91) Naphthalene	15.103	128	95011	15.94	ug/l	100
92) 1,2,3-Trichlorobenzene	15.283	180	33905	16.96	ug/l	96

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



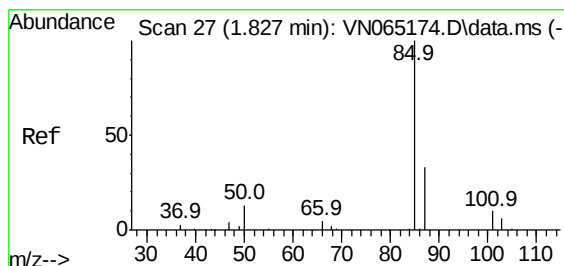
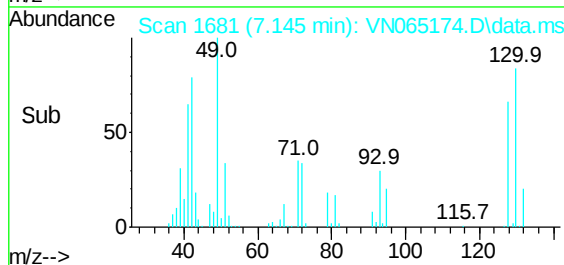
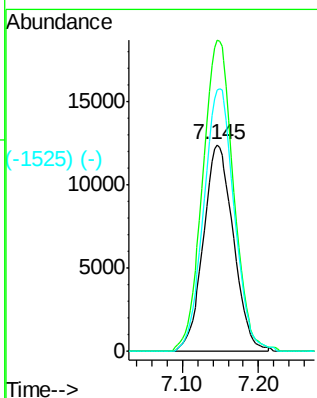
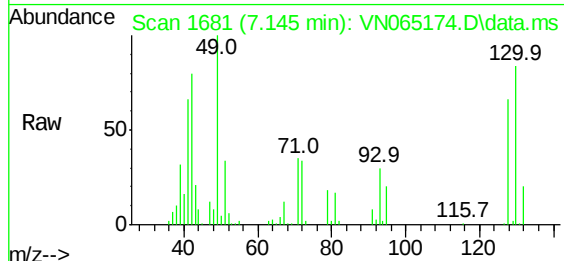
#164 (-)
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.145 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VN065174.D
Acq: 21 Dec 2020 11:44

Tgt Ion: 128 Resp: 33807
Ion Ratio Lower Upper
128 100
49 155.6 0.0 475.5
130 130.2 0.0 315.3

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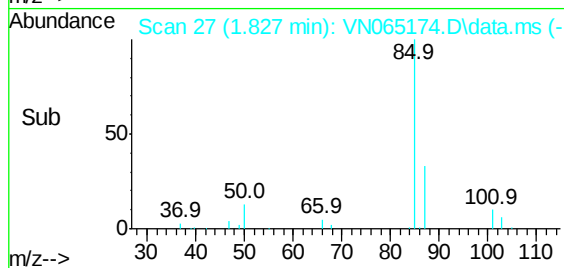
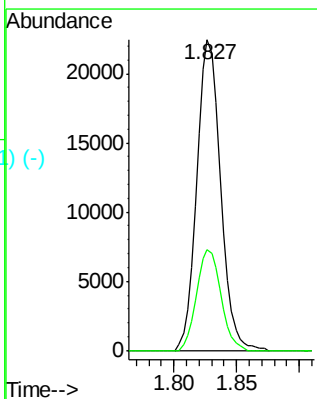
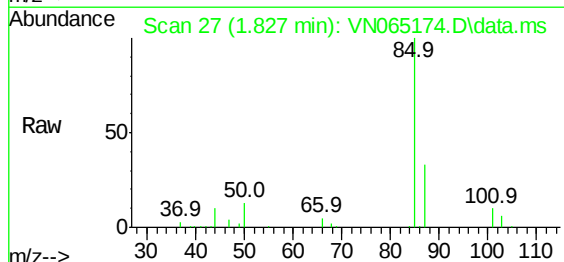
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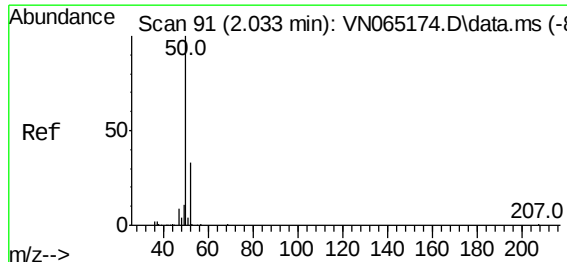
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#162 (-)
Dichlorodifluoromethane
Concen: 15.85 ug/l
RT: 1.827 min Scan# 27
Delta R.T. 0.000 min
Lab File: VN065174.D
Acq: 21 Dec 2020 11:44

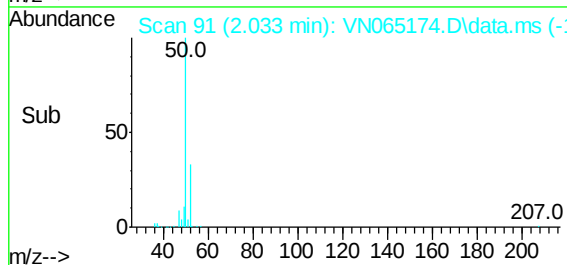
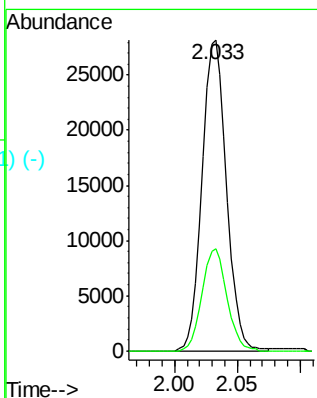
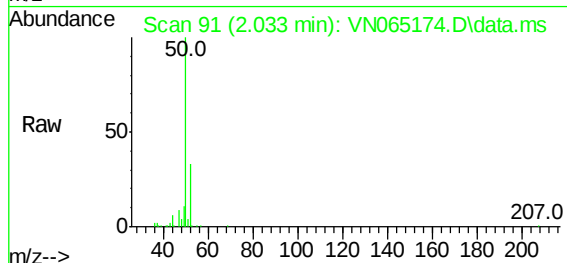
Tgt Ion: 85 Resp: 29396
Ion Ratio Lower Upper
85 100
87 32.5 17.0 50.9





Chloromethane
Concen: 17.45 ug/l
RT: 2.033 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN065174.D
Acq: 21 Dec 2020 11:44

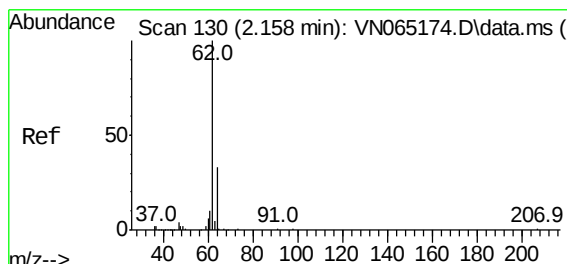
Tgt Ion: 50 Resp: 37792
Ion Ratio Lower Upper
50 100
52 33.1 26.0 39.0



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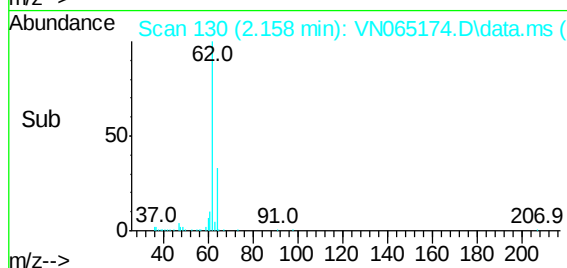
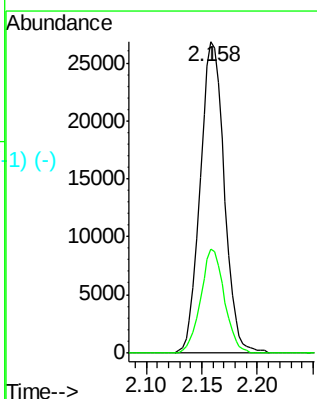
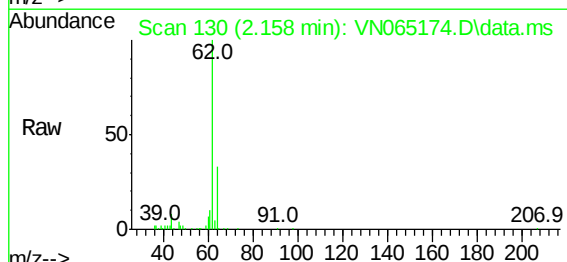
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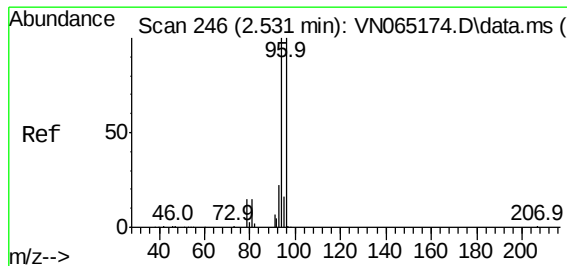
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Vinyl Chloride
Concen: 16.68 ug/l
RT: 2.158 min Scan# 130
Delta R.T. 0.000 min
Lab File: VN065174.D
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Tgt Ion: 62 Resp: 40131
Ion Ratio Lower Upper
62 100
64 33.3 25.8 38.8





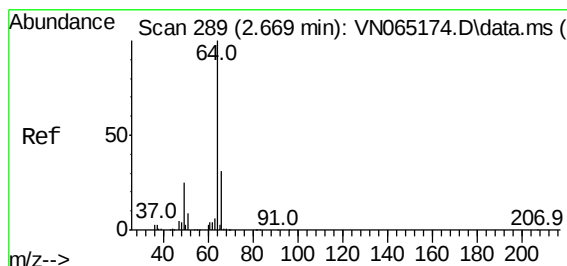
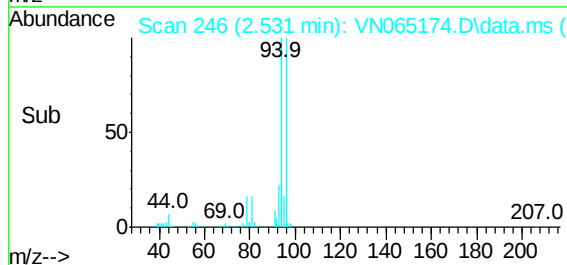
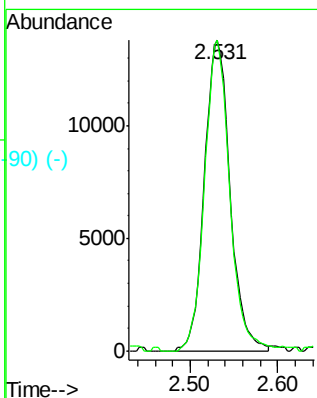
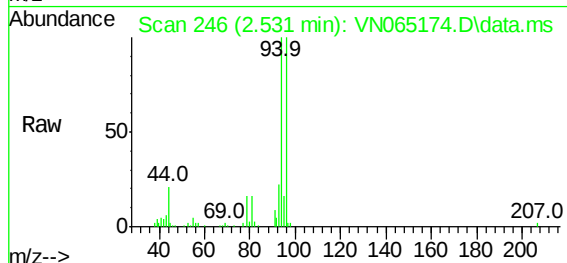
Bromomethane
Concen: 16.27 ug/l
RT: 2.531 min Scan# 246
Delta R.T. 0.000 min
Lab File: VN065174.D
Acq: 21 Dec 2020 11:44

Tgt Ion: 94 Resp: 28086
Ion Ratio Lower Upper
94 100
96 99.9 79.3 118.9

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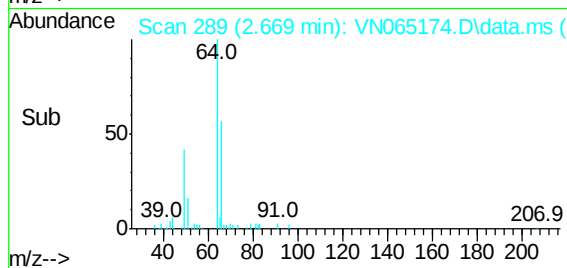
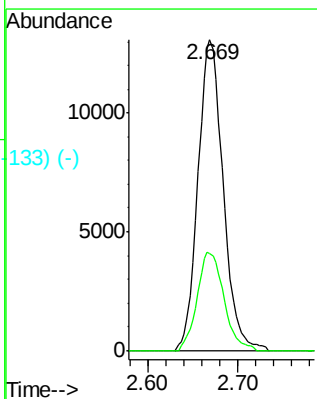
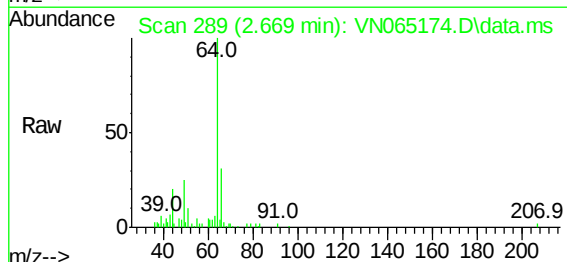
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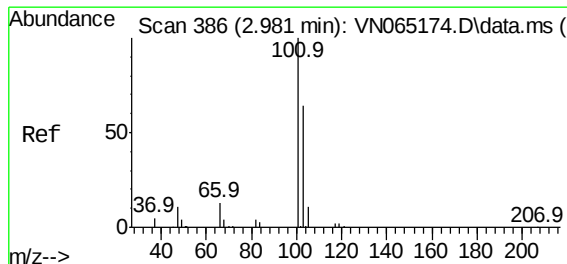
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Chloroethane
Concen: 17.12 ug/l
RT: 2.669 min Scan# 289
Delta R.T. 0.000 min
Lab File: VN065174.D
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Tgt Ion: 64 Resp: 25200
Ion Ratio Lower Upper
64 100
66 31.3 26.0 39.0





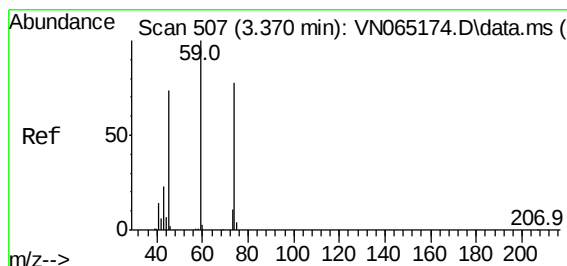
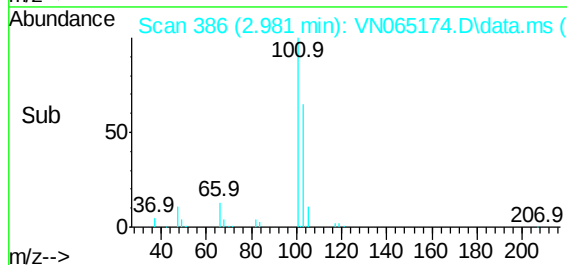
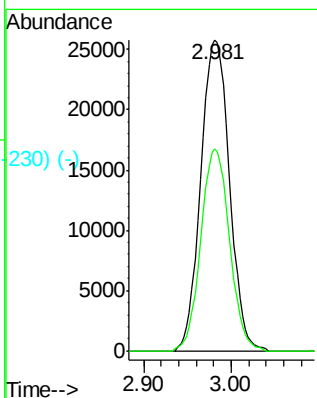
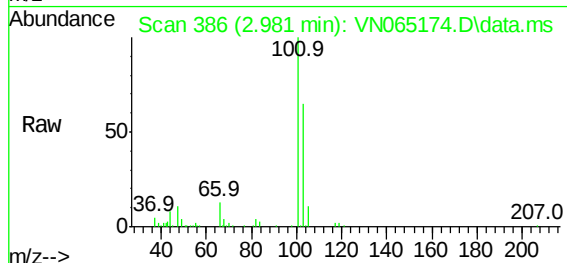
Trichlorofluoromethane
 Concen: 16.33 ug/l
 RT: 2.981 min Scan# 386
 Delta R.T. 0.000 min
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Tgt Ion: 101 Resp: 58640
 Ion Ratio Lower Upper
 101 100
 103 64.9 49.3 73.9

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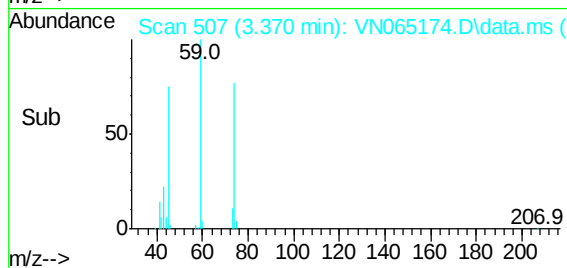
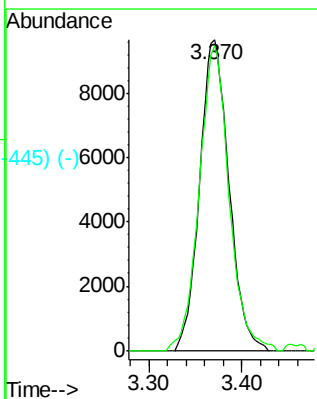
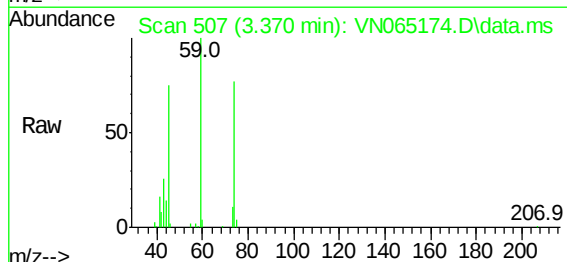
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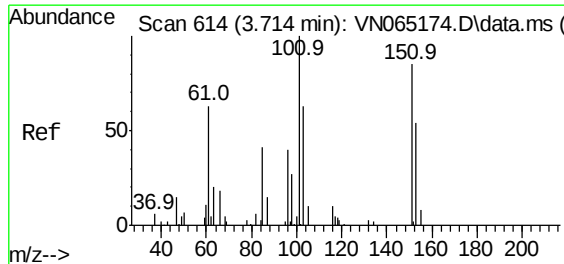
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Diethyl Ether
 Concen: 18.39 ug/l
 RT: 3.370 min Scan# 507
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 21141
 Ion Ratio Lower Upper
 74 100
 45 99.8 22.1 198.5





1,1,2-Trichlorotrifluoroethane
Concen: 18.18 ug/l
RT: 3.714 min Scan# 614
Delta R.T. 0.000 min
Lab File: VN065174.D
Acq: 21 Dec 2020 11:44

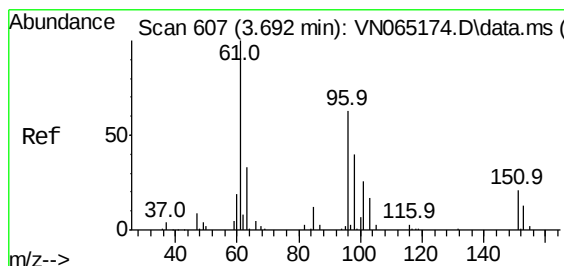
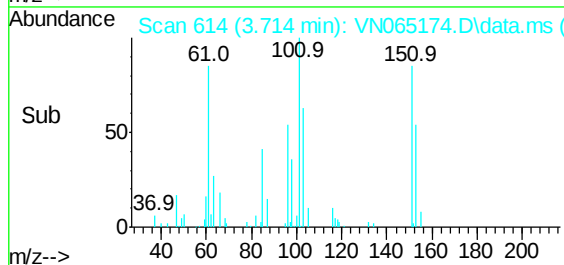
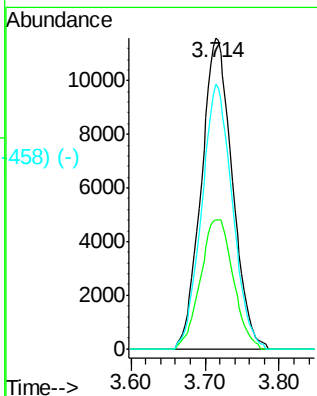
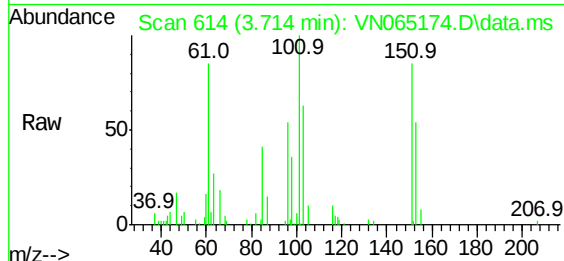
Tgt Ion: 101 Resp: 33652

Ion	Ratio	Lower	Upper
101	100		
85	43.9	0.0	49.0
151	84.2	0.0	80.2#

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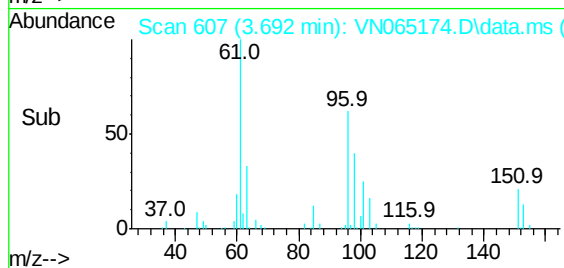
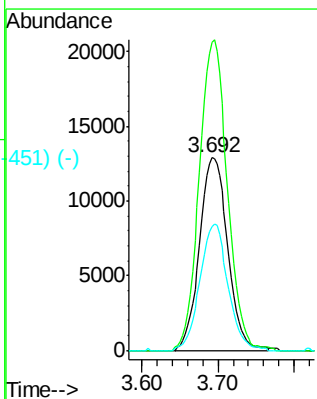
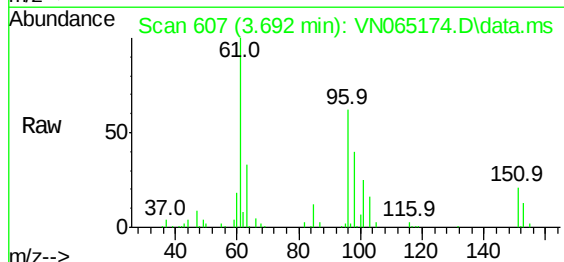
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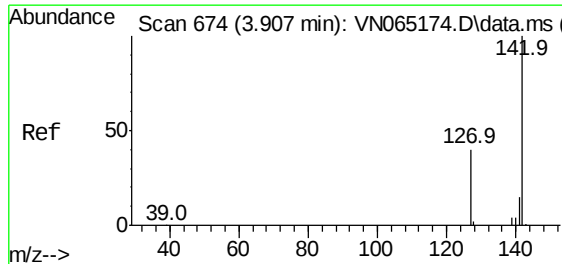


1,1-Dichloroethene
Concen: 18.41 ug/l
RT: 3.692 min Scan# 607
Delta R.T. 0.000 min
Lab File: VN065174.D
Acq: 21 Dec 2020 11:44

Tgt Ion: 96 Resp: 33180

Ion	Ratio	Lower	Upper
96	100		
61	158.6	149.2	223.8
98	64.4	49.6	74.4





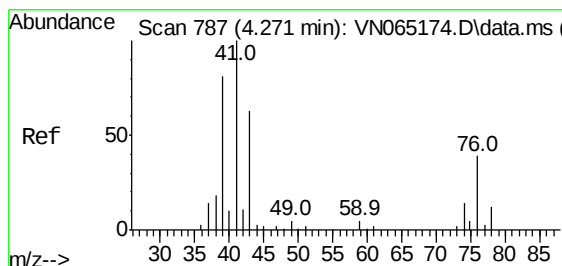
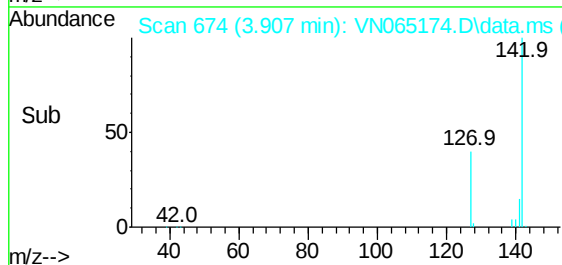
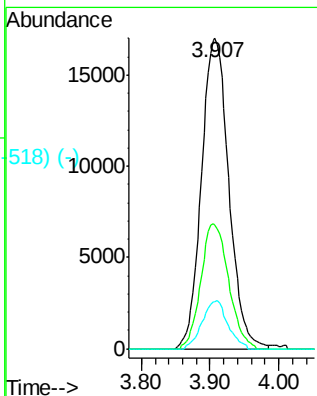
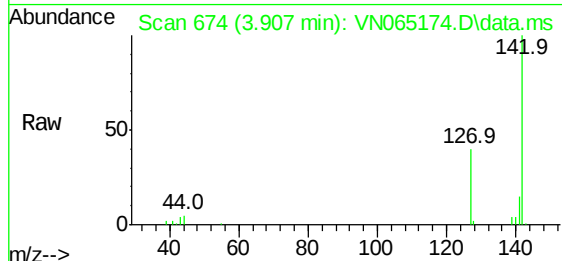
#41 (-)
Methyl Iodide
Concen: 18.60 ug/l
RT: 3.907 min Scan# 674
Delta R.T. 0.000 min
Lab File: VN065174.D
Acq: 21 Dec 2020 11:44

Tgt Ion:	142	Resp:	46895
Ion Ratio	Lower	Upper	
142	100		
127	40.0	24.7	74.1
141	15.4	7.8	23.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

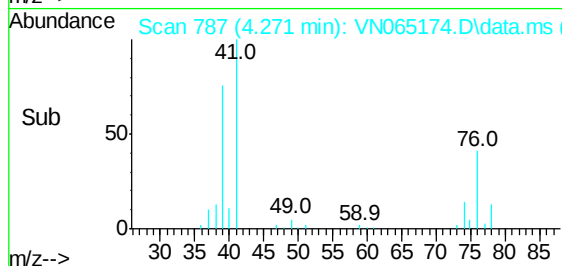
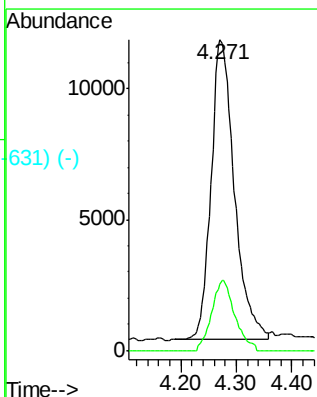
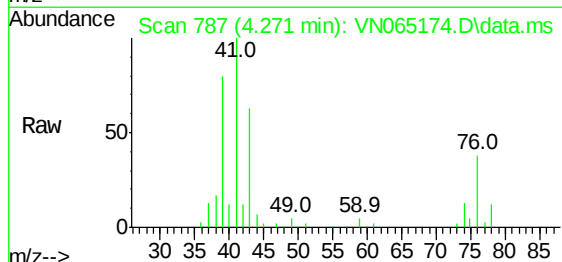
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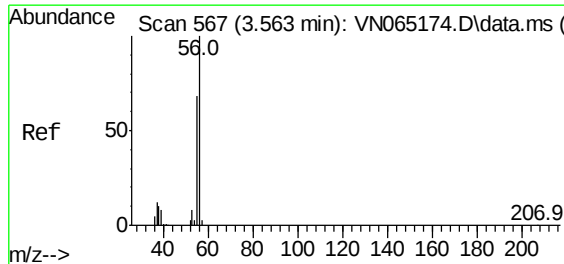
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#42 (-)
Methyl Acetate
Concen: 19.99 ug/l
RT: 4.271 min Scan# 787
Delta R.T. 0.000 min
Lab File: VN065174.D
Acq: 21 Dec 2020 11:44

Tgt Ion:	43	Resp:	33425
Ion Ratio	Lower	Upper	
43	100		
74	22.3	17.7	26.5





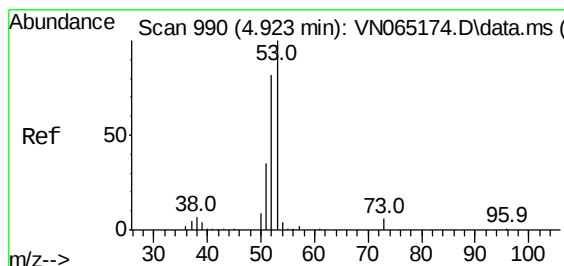
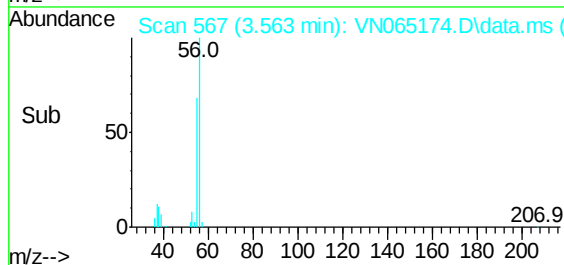
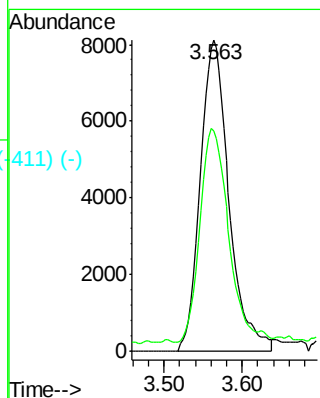
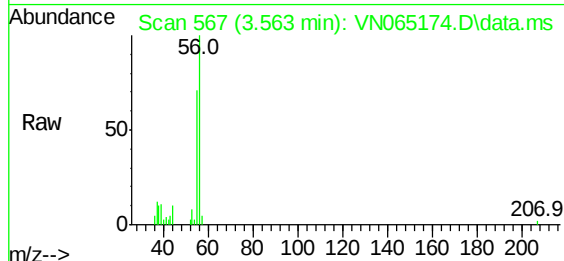
Acrolein
Concen: 89.22 ug/l
RT: 3.563 min Scan# 567
Delta R.T. 0.000 min
Lab File: VN065174.D
Acq: 21 Dec 2020 11:44

Tgt Ion: 56 Resp: 20645
Ion Ratio Lower Upper
56 100
55 68.2 58.2 87.2

Instrument :
MSVOA_N
ClientSampleId :
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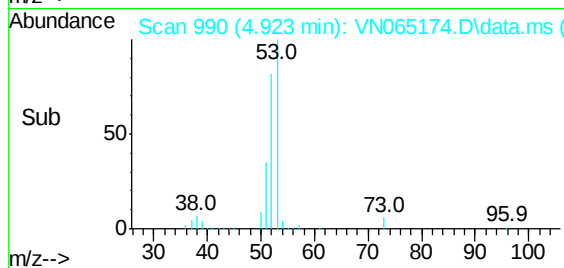
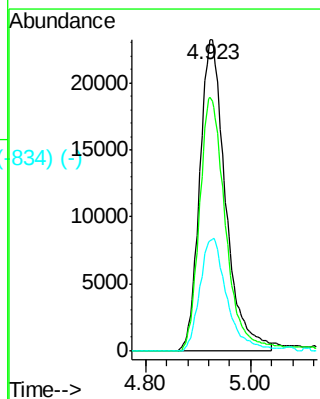
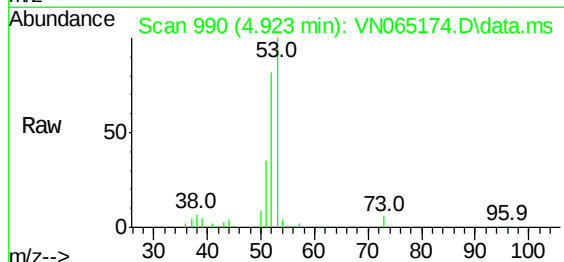
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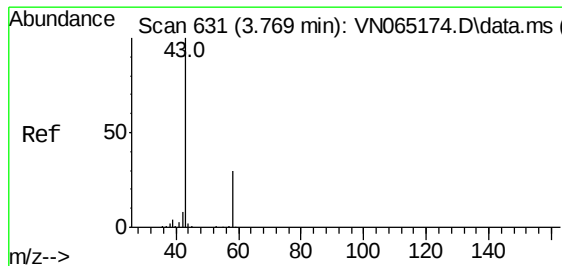
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Acrylonitrile
Concen: 97.16 ug/l
RT: 4.923 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN065174.D
Acq: 21 Dec 2020 11:44

Tgt Ion: 53 Resp: 78832
Ion Ratio Lower Upper
53 100
52 82.3 41.3 124.1
51 36.0 18.9 56.5



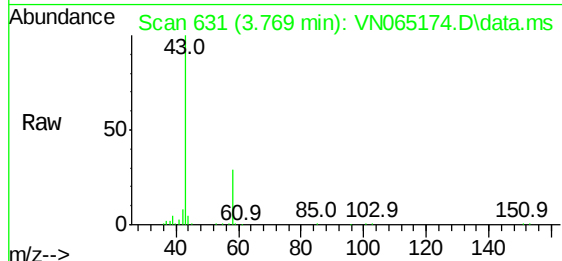


#15 (-)
Acetone
Concen: 112.84 ug/l
RT: 3.769 min Scan# 631
Delta R.T. 0.000 min
Lab File: VN065174.D
Acq: 21 Dec 2020 11:44

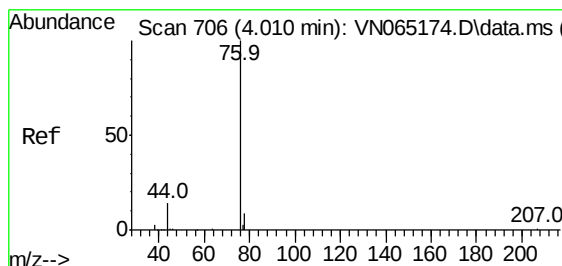
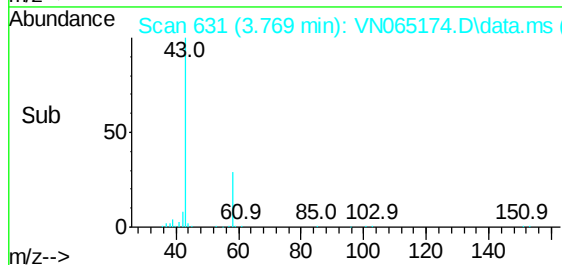
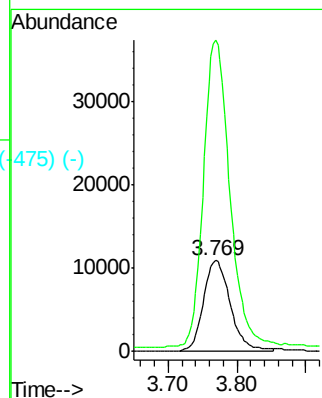
Instrument :
MSVOA_N
ClientSampleId :
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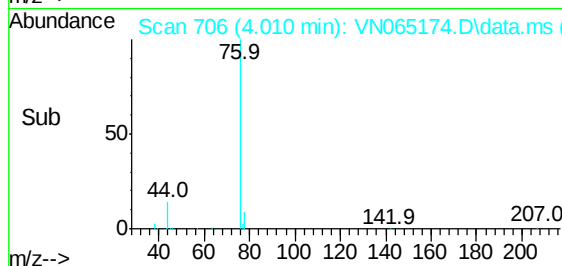
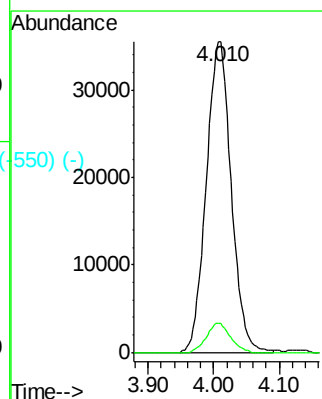
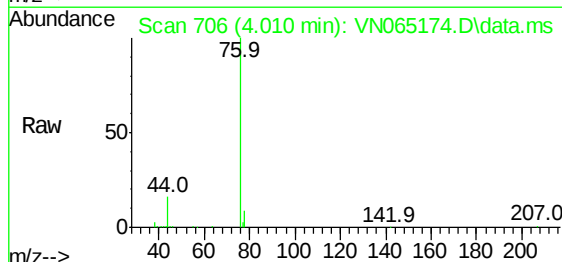


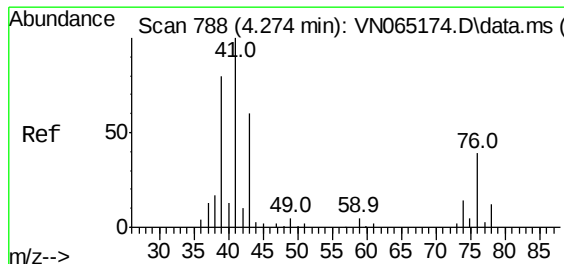
Tgt Ion: 58 Resp: 29185
Ion Ratio Lower Upper
58 100
43 337.9 289.8 434.8



#16 (-)
Carbon Disulfide
Concen: 17.83 ug/l
RT: 4.010 min Scan# 706
Delta R.T. 0.000 min
Lab File: VN065174.D
Acq: 21 Dec 2020 11:44

Tgt Ion: 76 Resp: 93703
Ion Ratio Lower Upper
76 100
78 9.2 7.6 11.4





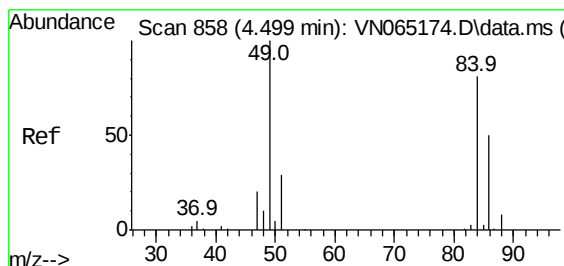
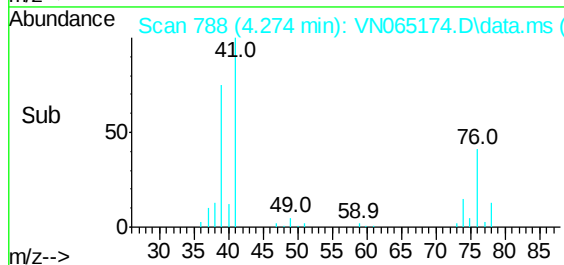
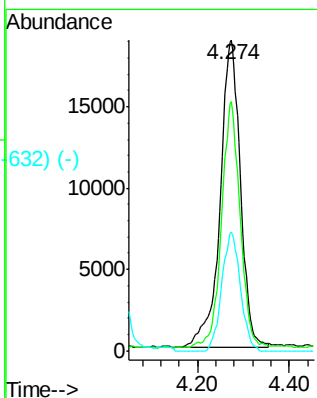
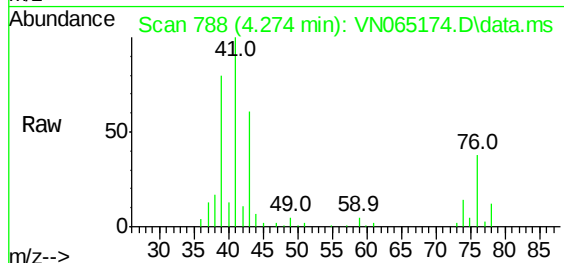
Allyl chloride
Concen: 21.11 ug/l
RT: 4.274 min Scan# 788
Delta R.T. 0.000 min
Lab File: VN065174.D
Acq: 21 Dec 2020 11:44

Tgt Ion:	41	Resp:	58243
Ion	Ratio	Lower	Upper
41	100		
39	79.9	40.3	120.8
76	38.7	16.8	50.3

Instrument :
MSVOA_N
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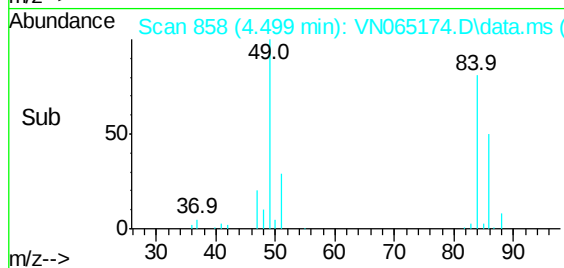
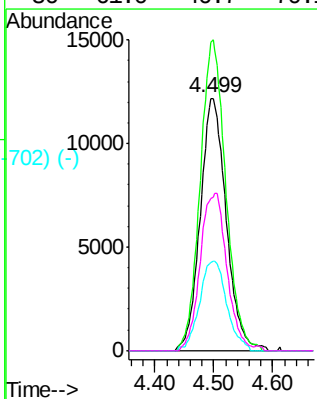
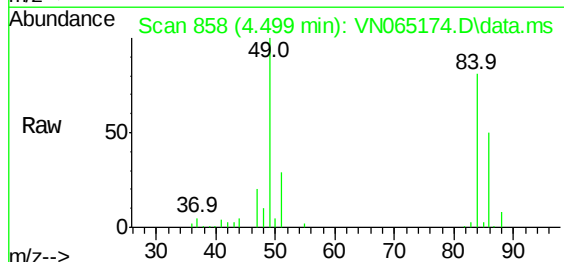
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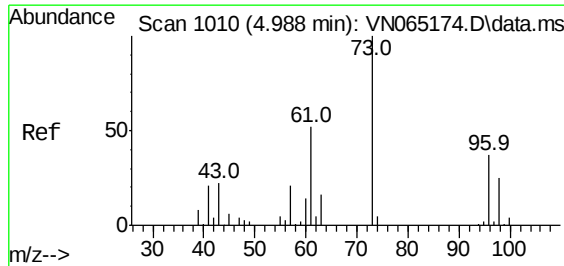
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Methylene Chloride
Concen: 17.79 ug/l
RT: 4.499 min Scan# 858
Delta R.T. 0.000 min
Lab File: VN065174.D
Acq: 21 Dec 2020 11:44

Tgt Ion:	84	Resp:	37204
Ion	Ratio	Lower	Upper
84	100		
49	123.1	102.1	153.1
51	35.2	32.6	48.8
86	61.0	46.7	70.1





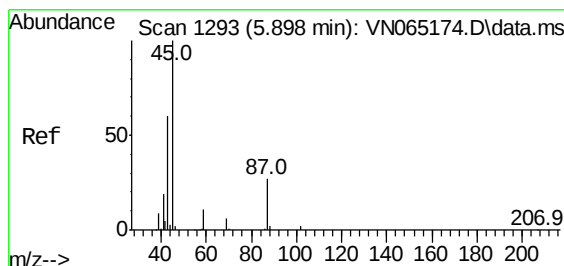
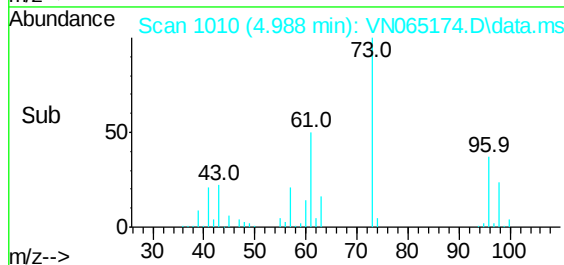
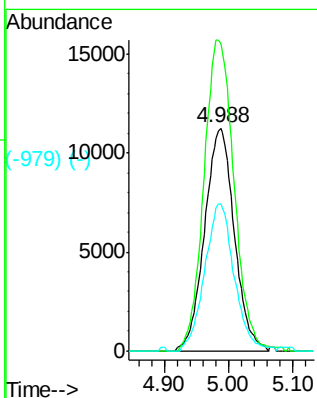
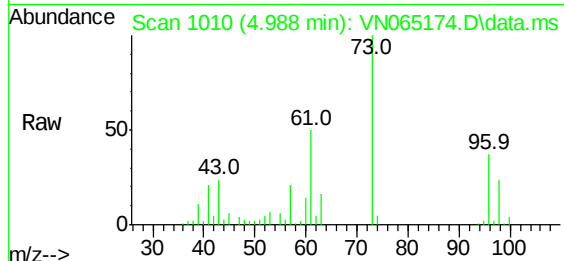
(-989) (-)
 trans-1,2-Dichloroethene
 Concen: 18.39 ug/l
 RT: 4.988 min Scan# 1010
 Delta R.T. 0.000 min
 Lab File: VN065174.D
 Acq: 21 Dec 2020 11:44

Tgt Ion: 96 Resp: 35950
 Ion Ratio Lower Upper
 96 100
 61 137.9 120.1 180.1
 98 65.8 49.1 73.7

Instrument :
 MSVOA_N
 ClientSampleId :
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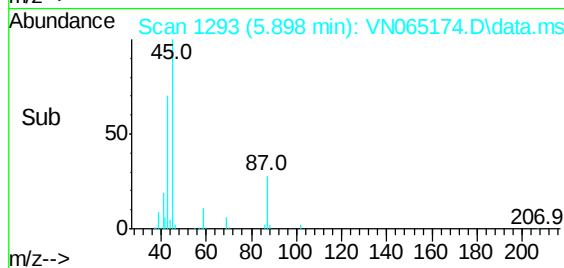
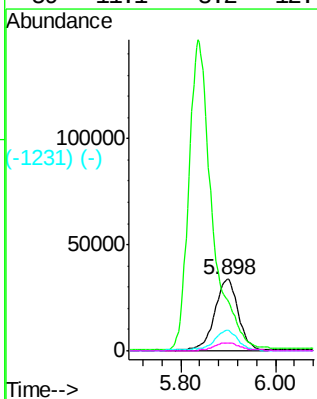
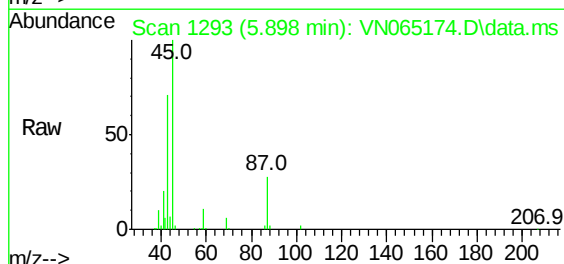
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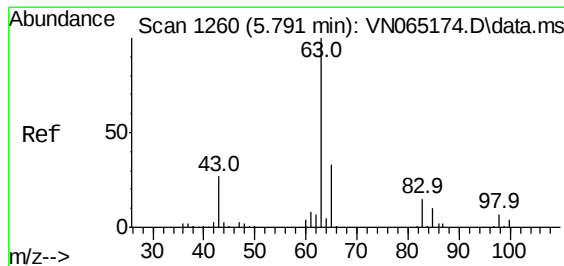
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(-1239) (-)
 Diisopropyl ether
 Concen: 17.83 ug/l
 RT: 5.898 min Scan# 1293
 Delta R.T. 0.000 min
 Lab File: VN065174.D
 Acq: 21 Dec 2020 11:44

Tgt Ion: 45 Resp: 116356
 Ion Ratio Lower Upper
 45 100
 43 66.6 53.1 79.7
 87 28.0 21.0 31.6
 59 11.1 8.2 12.4



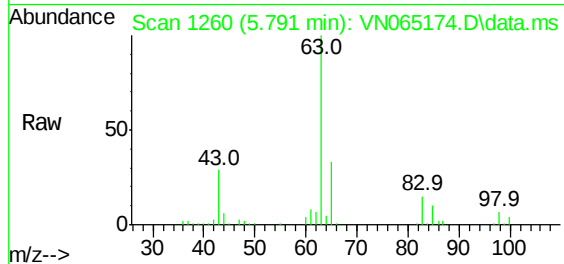


#219 (-)
1,1-Dichloroethane
Concen: 16.86 ug/l
RT: 5.791 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VN065174.D
Acq: 21 Dec 2020 11:44

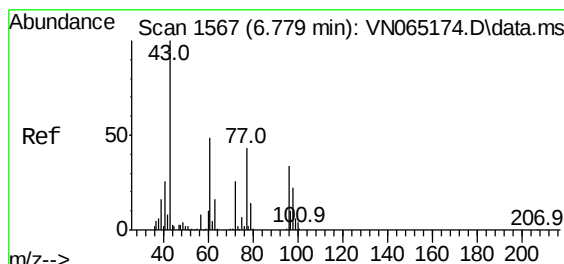
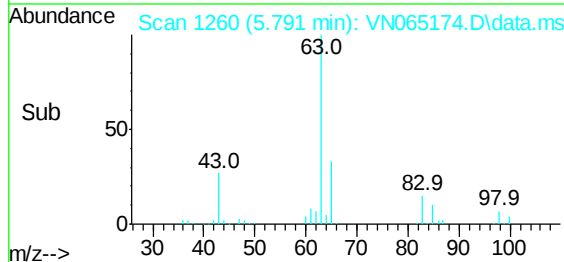
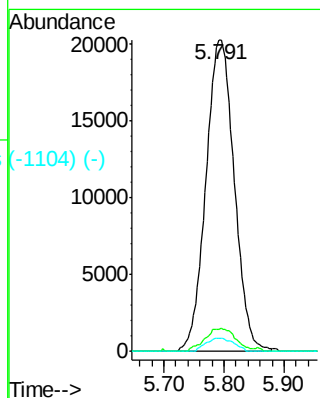
Instrument :
MSVOA_N
ClientSampleId :
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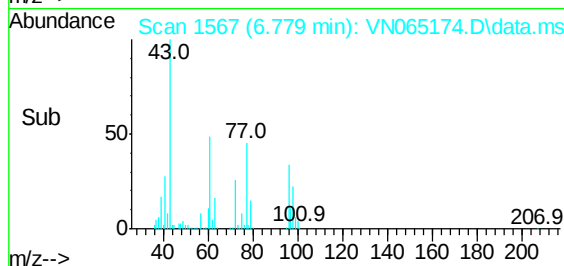
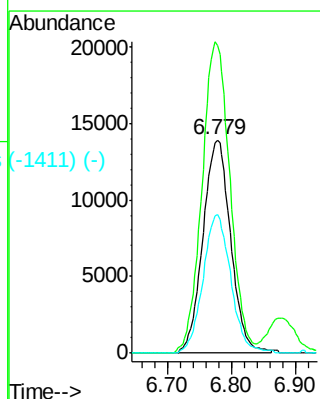
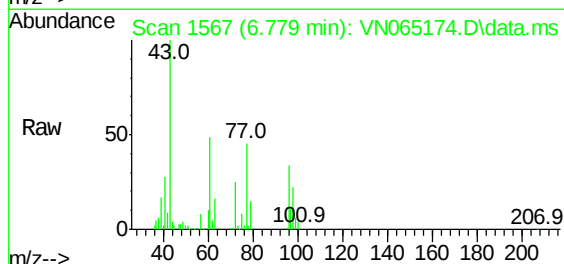


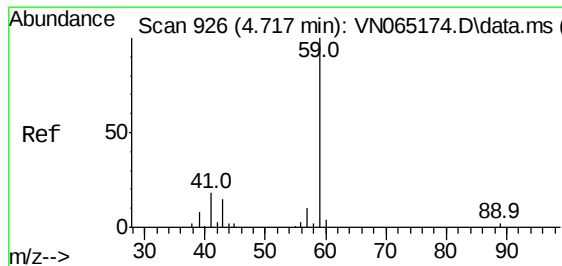
Tgt Ion: 63 Resp: 65314
Ion Ratio Lower Upper
63 100
98 7.1 2.6 8.0
100 4.1 1.7 5.1



#220 (-)
cis-1,2-Dichloroethene
Concen: 18.76 ug/l
RT: 6.779 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VN065174.D
Acq: 21 Dec 2020 11:44

Tgt Ion: 96 Resp: 41503
Ion Ratio Lower Upper
96 100
61 147.4 136.1 204.1
98 64.7 51.8 77.8





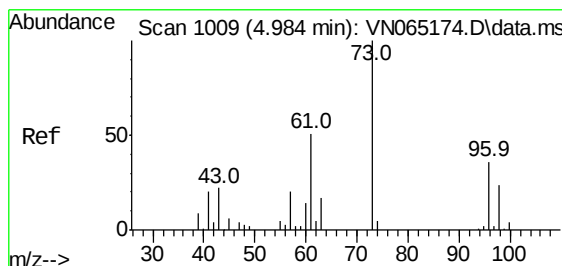
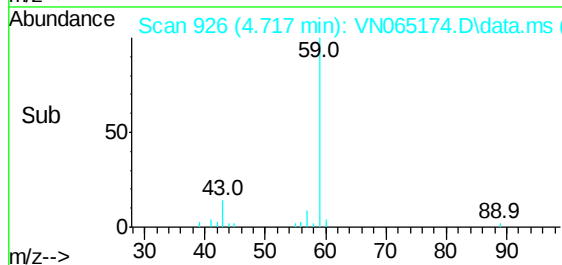
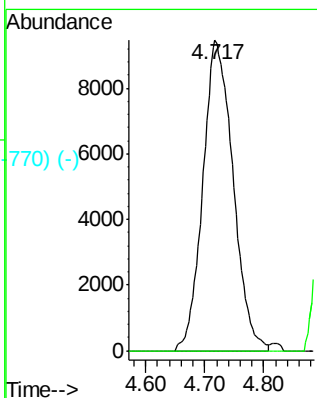
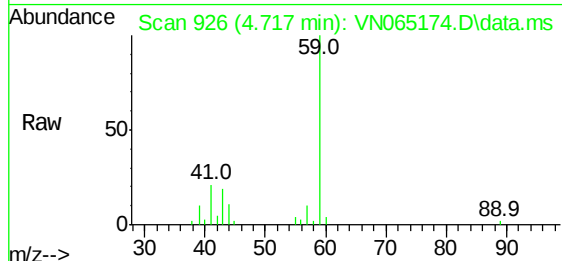
tert-Butyl Alcohol
 Concen: 119.12 ug/l
 RT: 4.717 min Scan# 926
 Delta R.T. 0.000 min
 Lab File: VN065174.D
 Acq: 21 Dec 2020 11:44

Tgt Ion: 59 Resp: 33606
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.0 0.0

Instrument :
 MSVOA_N
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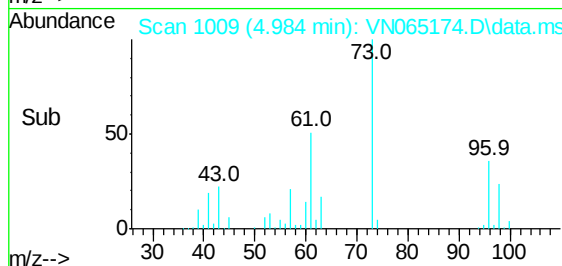
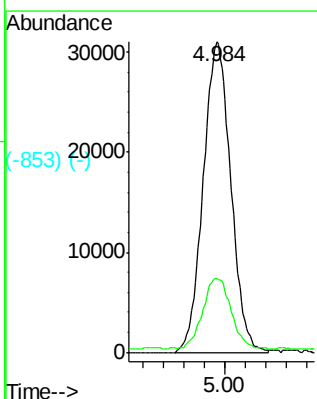
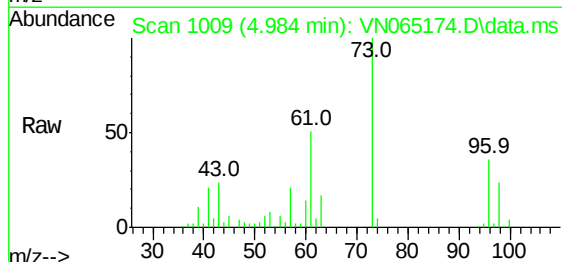
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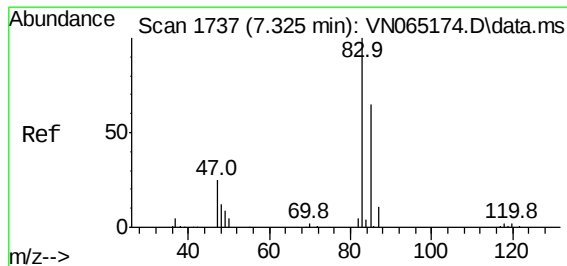
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Methyl tert-Butyl Ether
 Concen: 20.43 ug/l
 RT: 4.984 min Scan# 1009
 Delta R.T. 0.000 min
 Lab File: VN065174.D
 Acq: 21 Dec 2020 11:44

Tgt Ion: 73 Resp: 115004
 Ion Ratio Lower Upper
 73 100
 43 22.9 10.2 15.2#





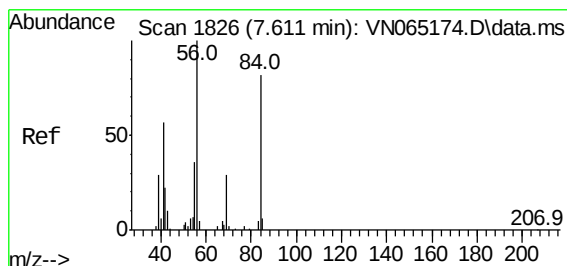
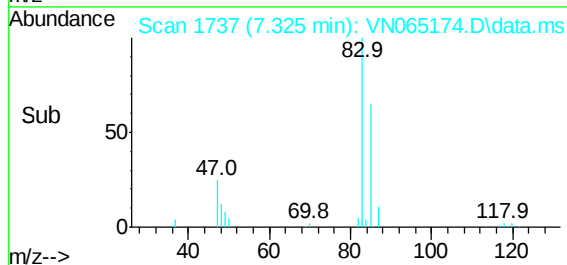
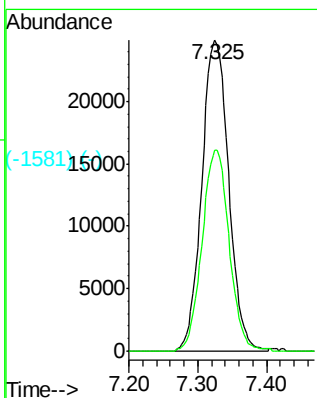
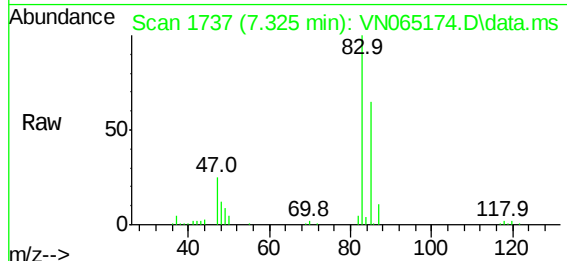
#25 (-)
Chloroform
Concen: 18.43 ug/l
RT: 7.325 min Scan# 1737
Delta R.T. 0.000 min
Lab File: VN065174.D
Acq: 21 Dec 2020 11:44

Tgt Ion: 83 Resp: 67663
Ion Ratio Lower Upper
83 100
85 64.7 50.6 75.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

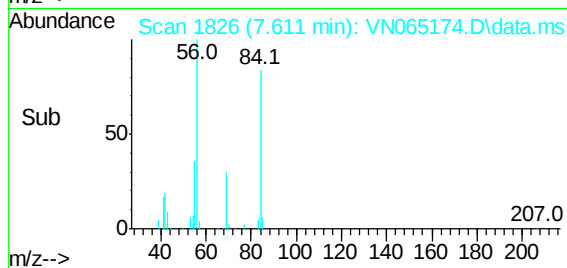
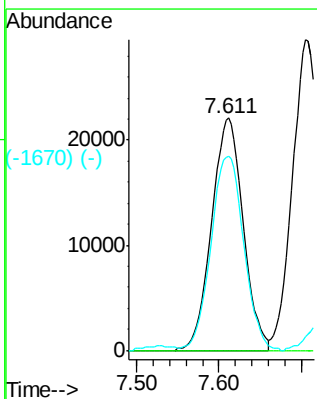
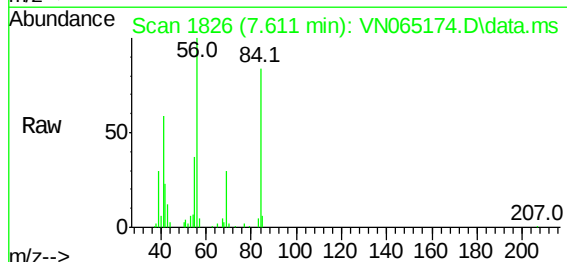
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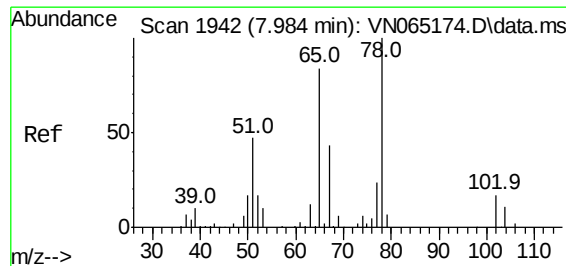
MMDadoda
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#26 (-)
Cyclohexane
Concen: 20.17 ug/l
RT: 7.611 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN065174.D
Acq: 21 Dec 2020 11:44

Tgt Ion: 56 Resp: 58491
Ion Ratio Lower Upper
56 100
89 0.0 0.6 0.8#
84 87.4 66.1 99.1





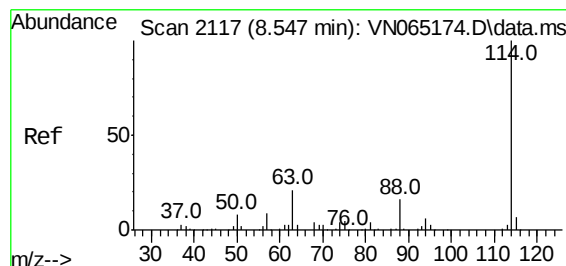
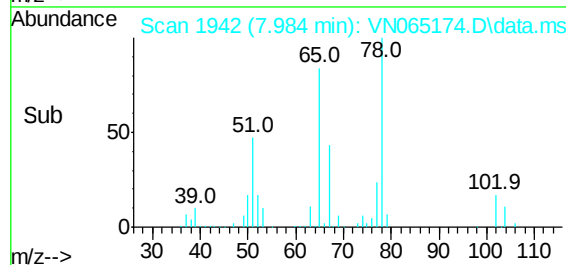
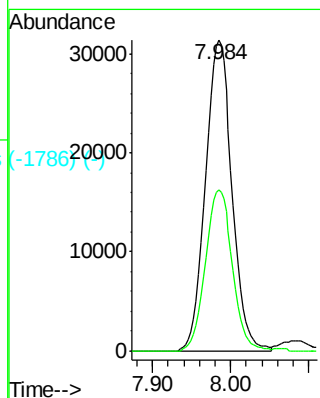
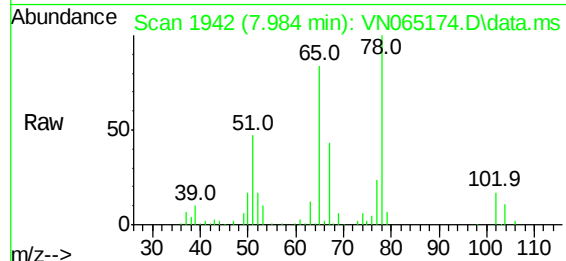
(-1776) (-)
 1,2-Dichloroethane-d4
 Concen: 31.50 ug/l
 RT: 7.984 min Scan# 1942
 Delta R.T. 0.000 min
 Lab File: VN065174.D
 Acq: 21 Dec 2020 11:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tgt Ion: 65 Resp: 74599
 Ion Ratio Lower Upper
 65 100
 67 52.5 41.1 61.7

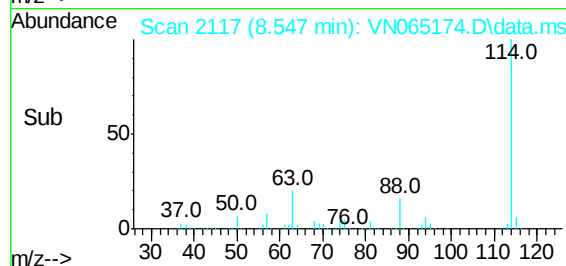
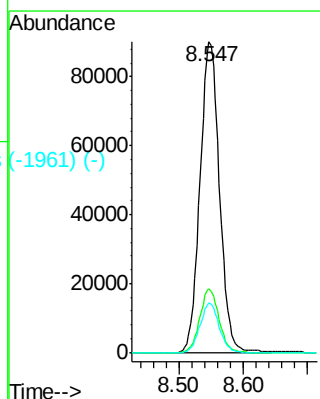
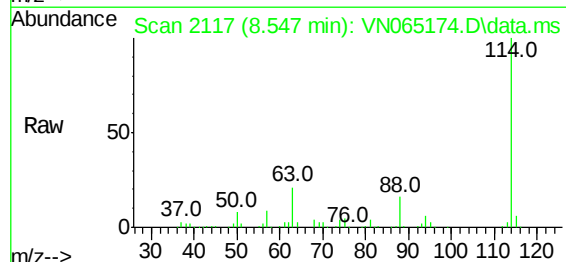
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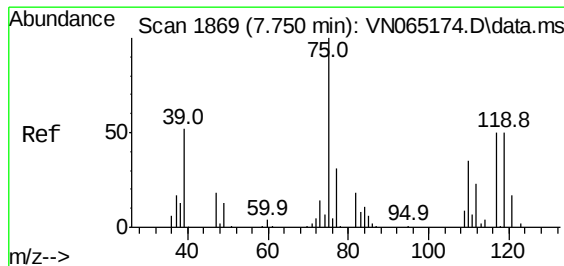
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(-2262) (-)
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 8.547 min Scan# 2117
 Delta R.T. 0.000 min
 Lab File: VN065174.D
 Acq: 21 Dec 2020 11:44

Tgt Ion: 114 Resp: 190270
 Ion Ratio Lower Upper
 114 100
 63 20.0 18.5 27.7
 88 15.5 13.0 19.6





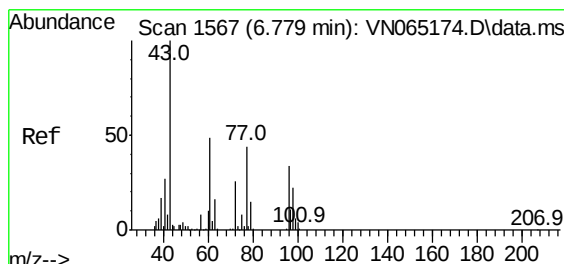
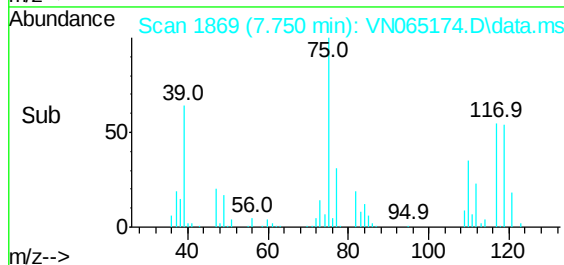
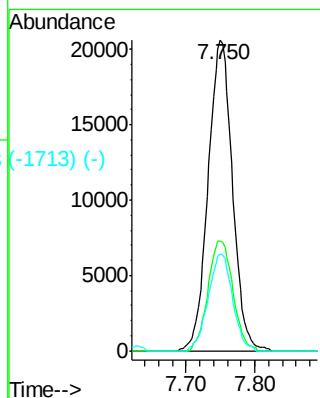
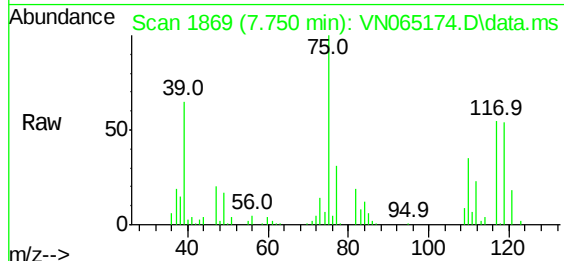
#1869 (-)
1,1-Dichloropropene
Concen: 17.09 ug/l
RT: 7.750 min Scan# 1869
Delta R.T. 0.000 min
Lab File: VN065174.D
Acq: 21 Dec 2020 11:44

Tgt Ion: 75 Resp: 50451
Ion Ratio Lower Upper
75 100
110 36.2 0.0 66.4
77 31.2 0.0 62.0

Instrument :
MSVOA_N
ClientSampleId :
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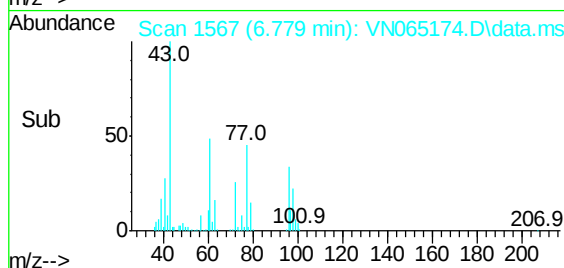
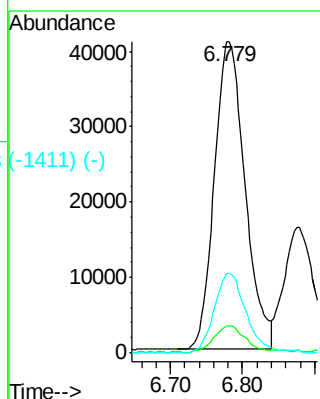
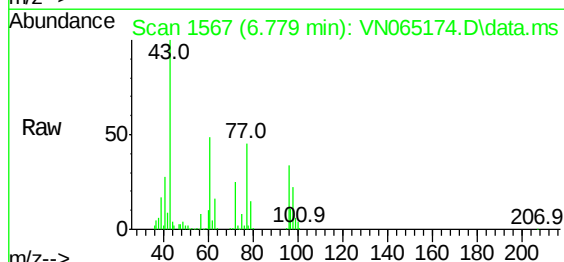
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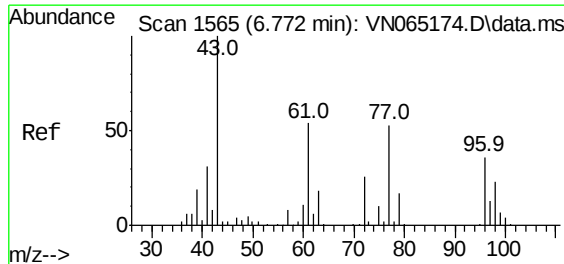
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#1567 (-)
2-Butanone
Concen: 102.48 ug/l
RT: 6.779 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VN065174.D
Acq: 21 Dec 2020 11:44

Tgt Ion: 43 Resp: 121016
Ion Ratio Lower Upper
43 100
57 8.8 6.2 9.4
72 26.1 9.9 14.9#





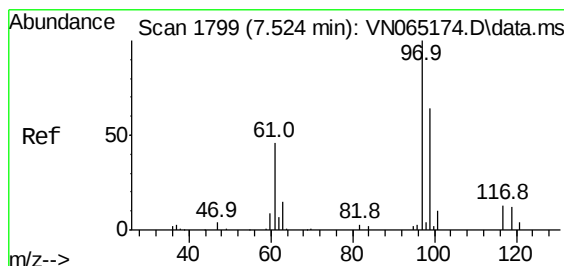
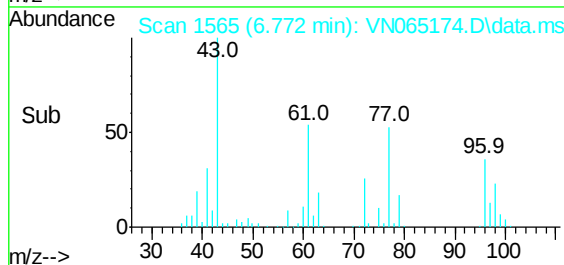
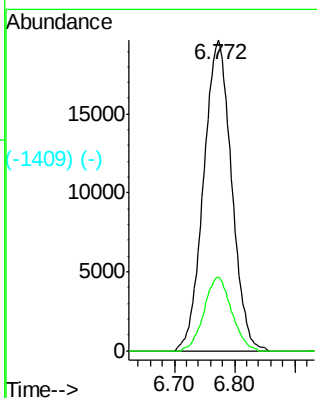
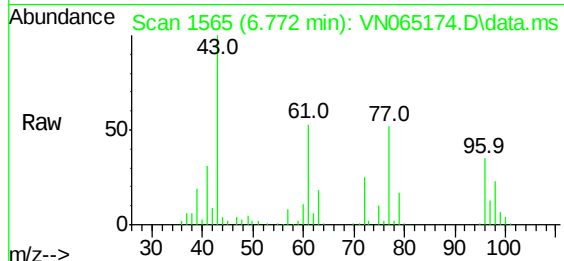
#143 (-)
2,2-Dichloropropane
Concen: 18.75 ug/l
RT: 6.772 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN065174.D
Acq: 21 Dec 2020 11:44

Tgt Ion: 77 Resp: 62760
Ion Ratio Lower Upper
77 100
97 23.3 16.9 25.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

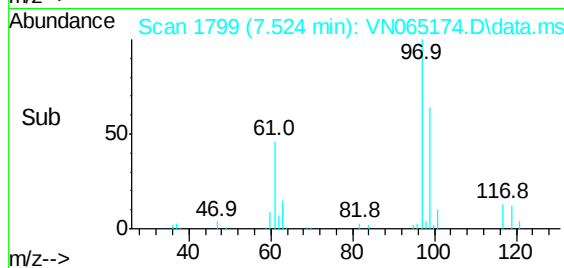
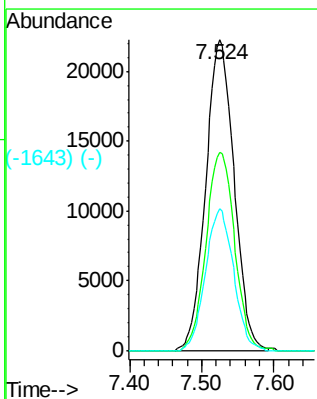
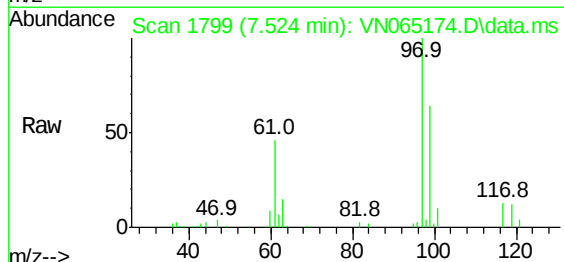
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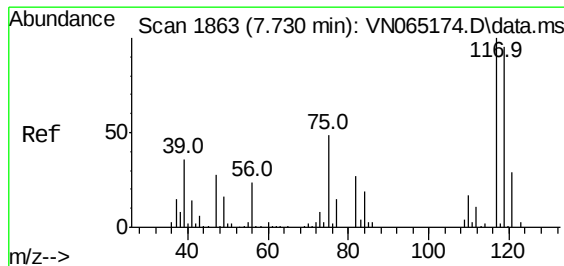
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#140 (-)
1,1,1-Trichloroethane
Concen: 17.20 ug/l
RT: 7.524 min Scan# 1799
Delta R.T. 0.000 min
Lab File: VN065174.D
Acq: 21 Dec 2020 11:44

Tgt Ion: 97 Resp: 60610
Ion Ratio Lower Upper
97 100
99 64.2 51.8 77.8
61 45.2 39.4 59.0





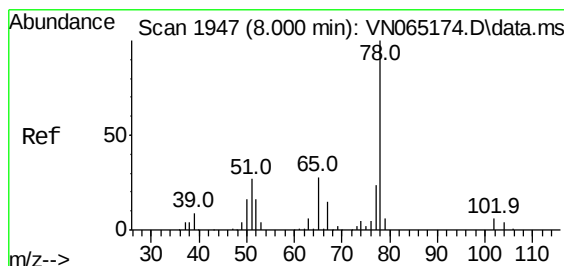
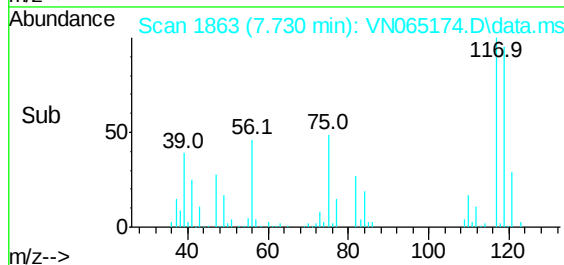
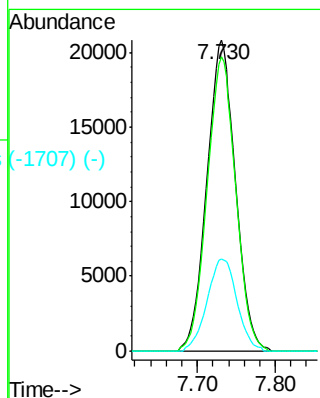
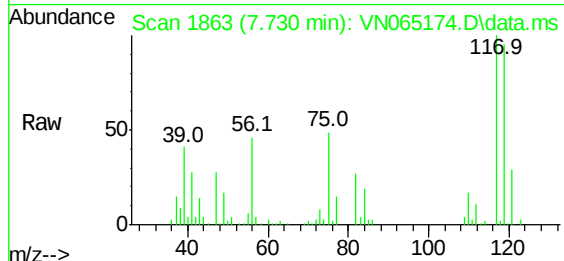
#186 (-)
Carbon Tetrachloride
Concen: 16.84 ug/l
RT: 7.730 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VN065174.D
Acq: 21 Dec 2020 11:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:117 Resp: 53292
Ion Ratio Lower Upper
117 100
119 94.8 77.9 116.9
121 29.4 24.0 36.0

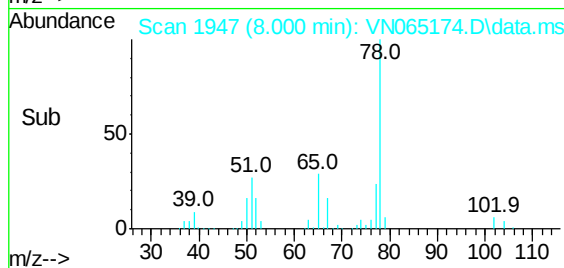
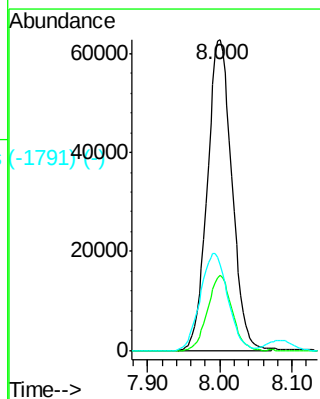
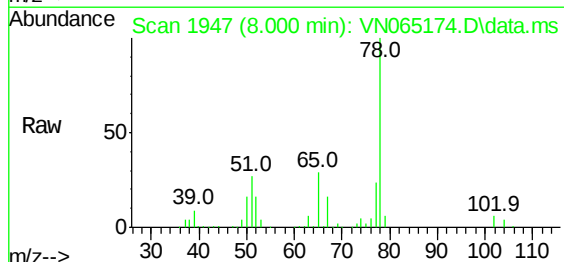
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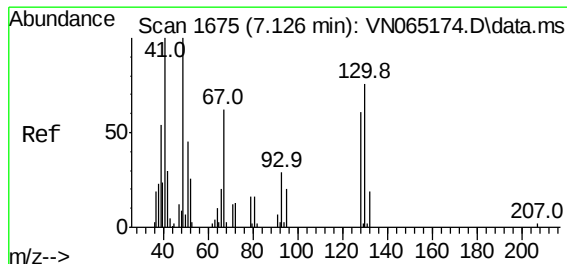
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#194 (-)
Benzene
Concen: 16.78 ug/l
RT: 8.000 min Scan# 1947
Delta R.T. 0.000 min
Lab File: VN065174.D
Acq: 21 Dec 2020 11:44

Tgt Ion: 78 Resp: 147936
Ion Ratio Lower Upper
78 100
77 24.2 18.9 28.3
51 27.0 24.6 36.8





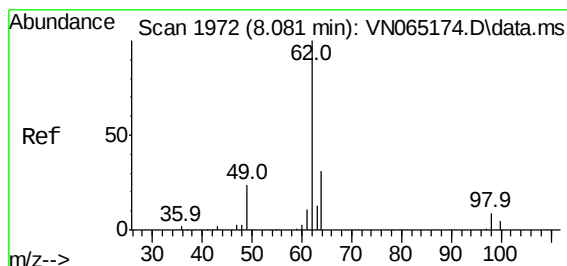
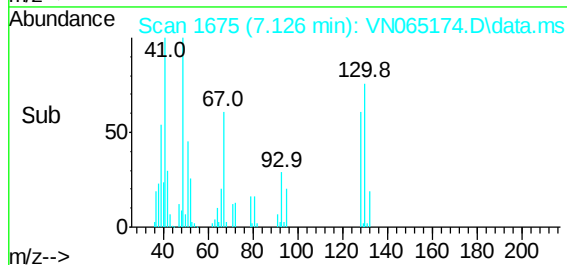
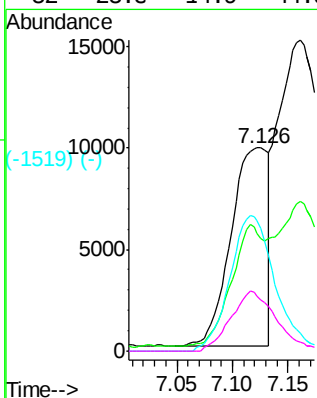
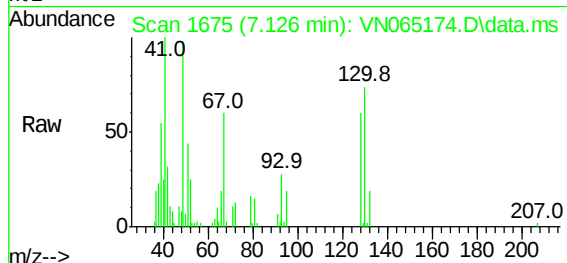
#1851 (-)
Methacrylonitrile
Concen: 19.72 ug/l
RT: 7.126 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN065174.D
Acq: 21 Dec 2020 11:44

Tgt Ion:	41	Resp:	22408
Ion Ratio	Lower	Upper	
41	100		
39	54.2	30.0	90.1
67	61.5	29.2	87.6
52	25.8	14.9	44.9

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

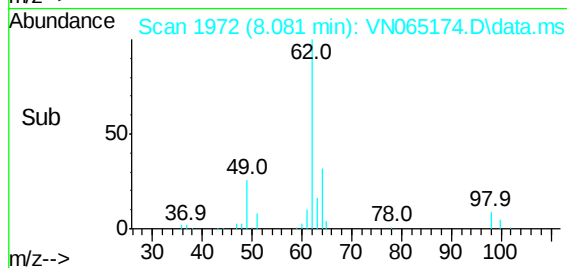
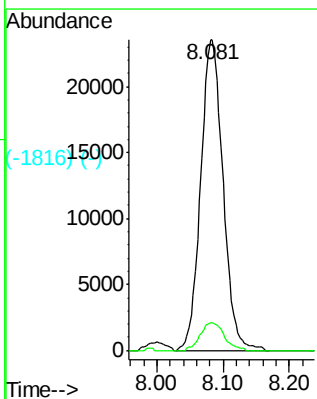
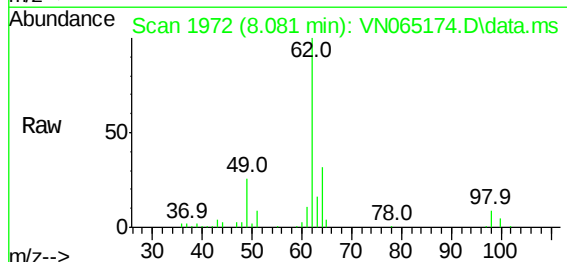
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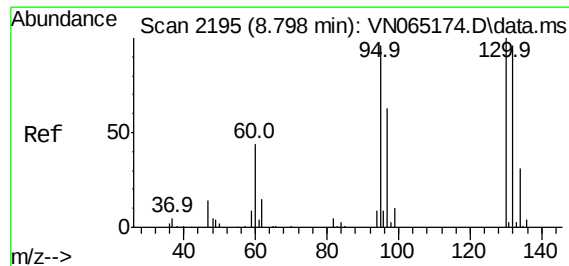
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#1855 (-)
1,2-Dichloroethane
Concen: 17.82 ug/l m
RT: 8.081 min Scan# 1972
Delta R.T. 0.000 min
Lab File: VN065174.D
Acq: 21 Dec 2020 11:44

Tgt Ion:	62	Resp:	55071
Ion Ratio	Lower	Upper	
62	100		
98	0.2	5.5	8.3#





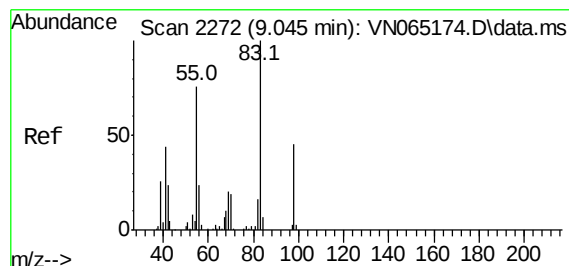
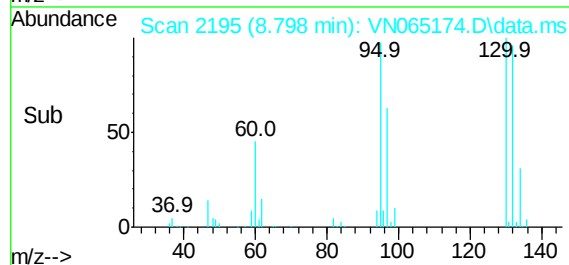
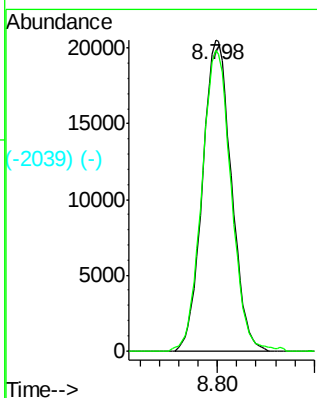
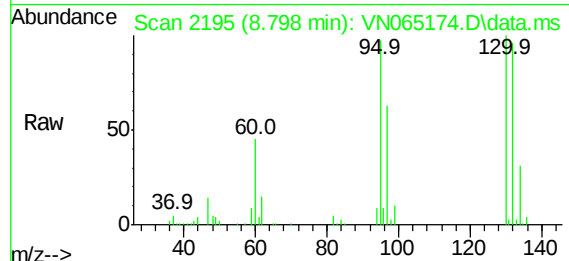
#232 (-)
Trichloroethene
Concen: 17.49 ug/l
RT: 8.798 min Scan# 2195
Delta R.T. 0.000 min
Lab File: VN065174.D
Acq: 21 Dec 2020 11:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:130 Resp: 42603
Ion Ratio Lower Upper
130 100
95 95.6 85.1 127.7

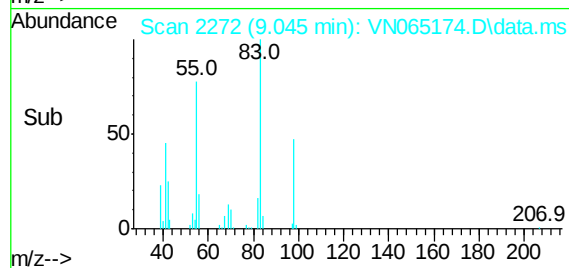
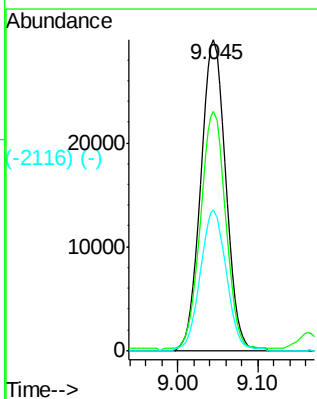
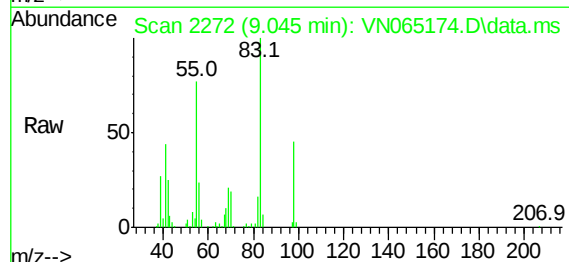
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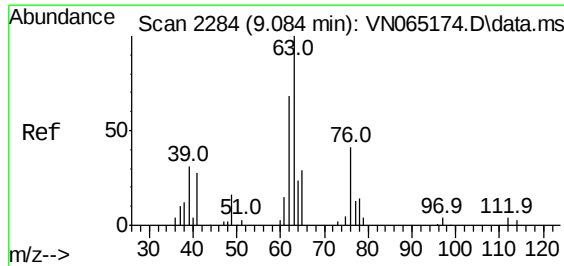
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#237 (-)
Methylcyclohexane
Concen: 17.36 ug/l
RT: 9.045 min Scan# 2272
Delta R.T. 0.000 min
Lab File: VN065174.D
Acq: 21 Dec 2020 11:44

Tgt Ion: 83 Resp: 62544
Ion Ratio Lower Upper
83 100
55 78.4 42.0 126.1
98 47.0 22.5 67.5





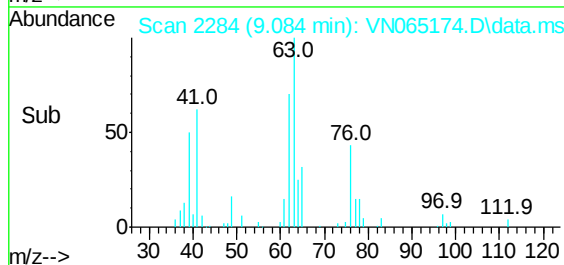
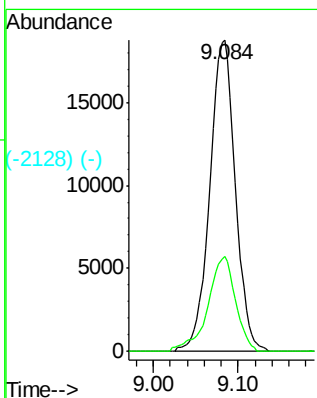
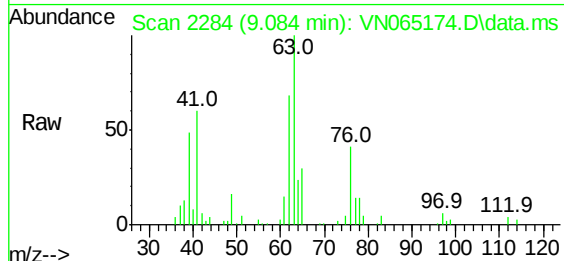
#2284 (-)
1,2-Dichloropropane
Concen: 16.42 ug/l
RT: 9.084 min Scan# 2284
Delta R.T. 0.000 min
Lab File: VN065174.D
Acq: 21 Dec 2020 11:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

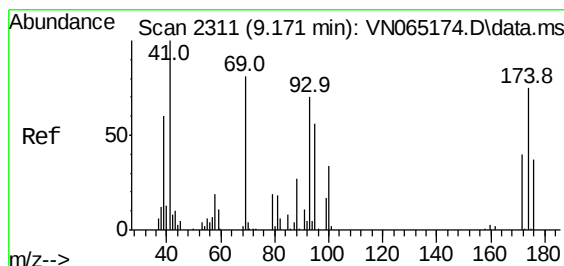
Tgt Ion: 63 Resp: 39051
Ion Ratio Lower Upper
63 100
65 30.2 24.4 36.6

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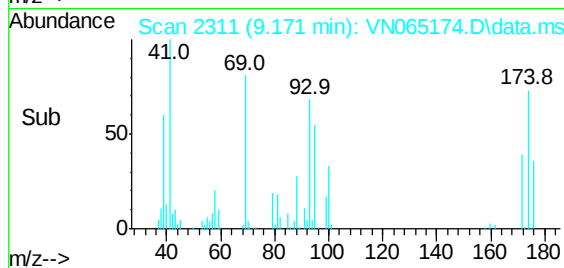
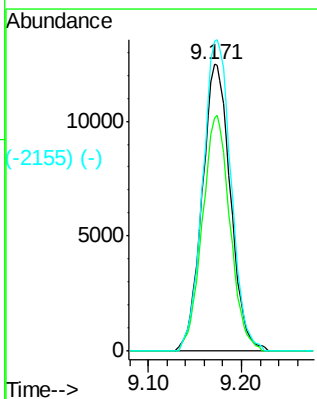
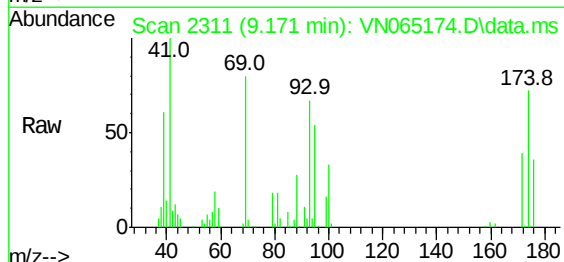


#2128 (-)

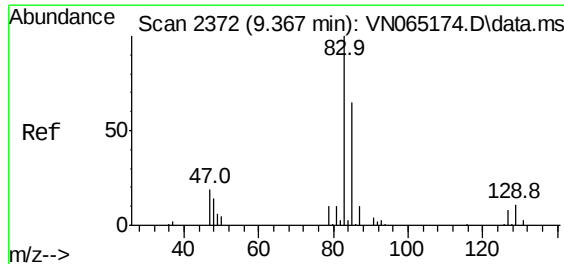


#2311 (-)
Dibromomethane
Concen: 15.66 ug/l
RT: 9.171 min Scan# 2311
Delta R.T. 0.000 min
Lab File: VN065174.D
Acq: 21 Dec 2020 11:44

Tgt Ion: 93 Resp: 26229
Ion Ratio Lower Upper
93 100
95 80.4 0.0 164.6
174 108.6 0.0 165.6



#2155 (-)



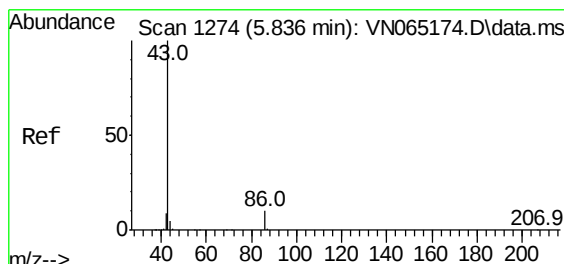
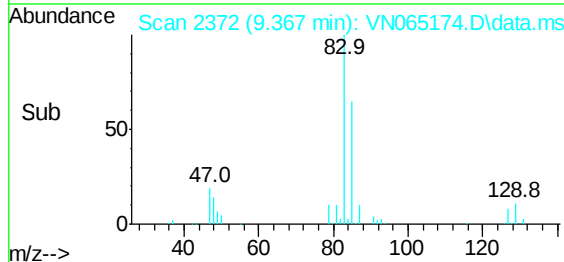
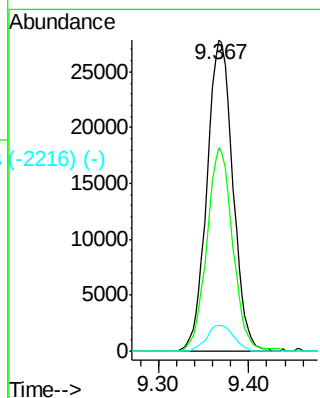
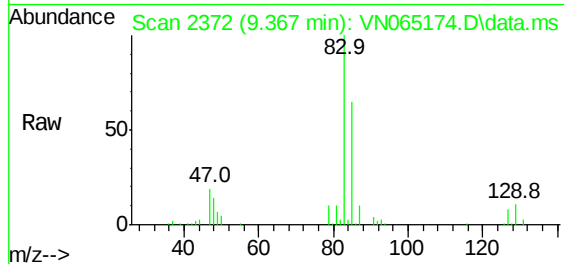
#448 (-)
Bromodichloromethane
Concen: 16.05 ug/l
RT: 9.367 min Scan# 2372
Delta R.T. 0.000 min
Lab File: VN065174.D
Acq: 21 Dec 2020 11:44

Tgt Ion: 83 Resp: 55185
Ion Ratio Lower Upper
83 100
85 65.2 51.0 76.4
127 8.2 6.2 9.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

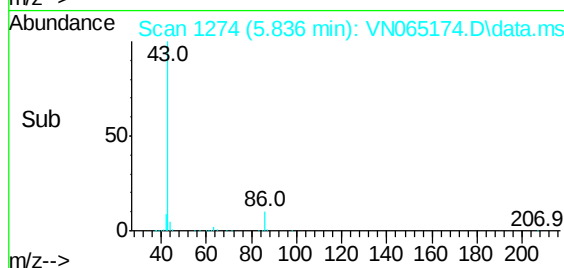
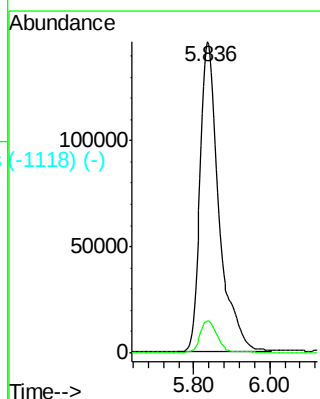
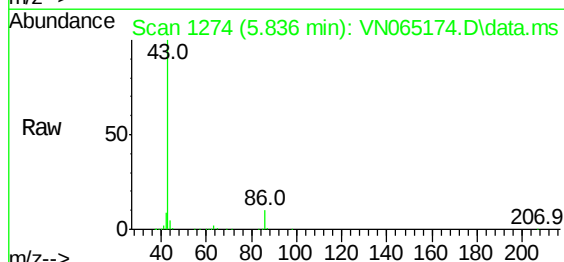
Manual Integrations
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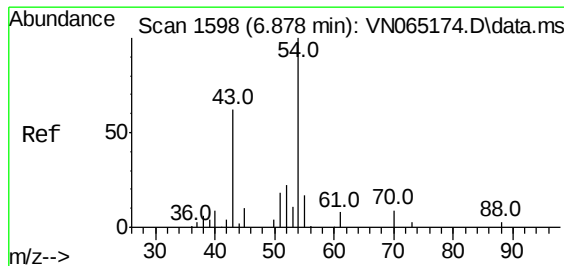
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#449 (-)
Vinyl Acetate
Concen: 89.64 ug/l
RT: 5.836 min Scan# 1274
Delta R.T. 0.000 min
Lab File: VN065174.D
Acq: 21 Dec 2020 11:44

Tgt Ion: 43 Resp: 502497
Ion Ratio Lower Upper
43 100
86 9.1 6.3 9.5





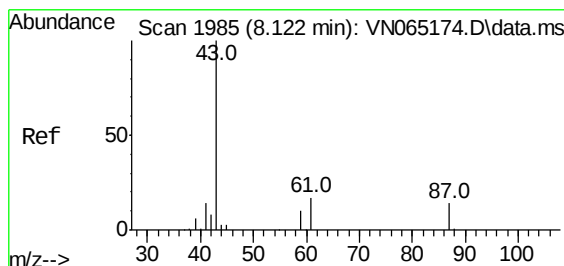
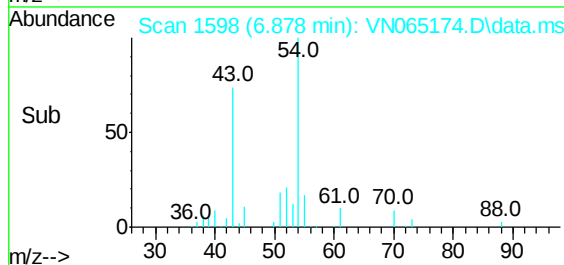
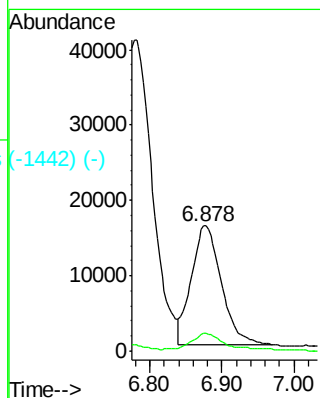
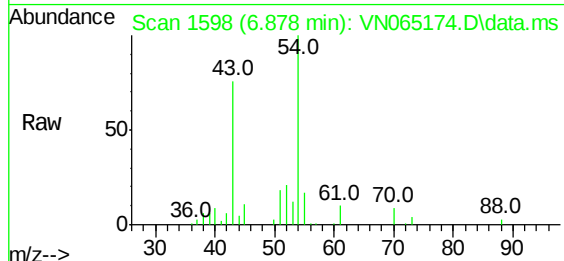
#436 (-)
Ethyl Acetate
Concen: 19.23 ug/l
RT: 6.878 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VN065174.D
Acq: 21 Dec 2020 11:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 43 Resp: 45862
Ion Ratio Lower Upper
43 100
45 13.3 10.9 16.3

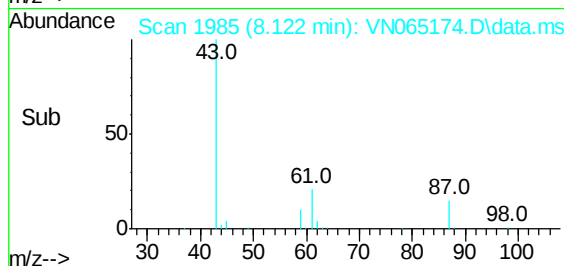
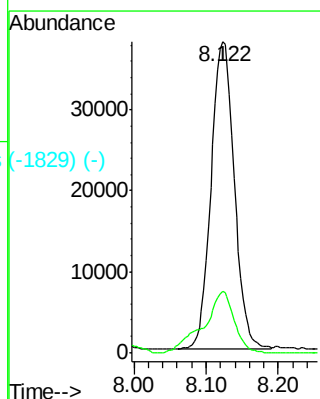
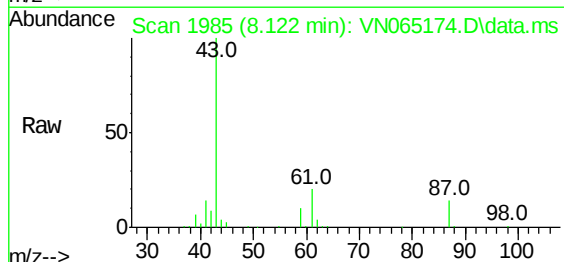
Manual Integrations
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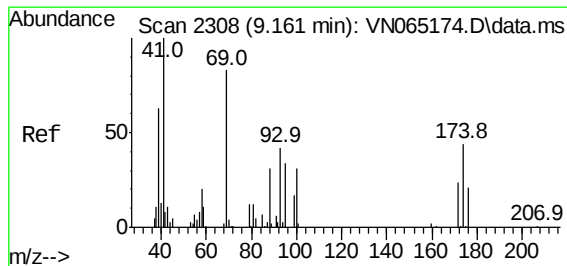
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#446 (-)
Isopropyl Acetate
Concen: 20.59 ug/l
RT: 8.122 min Scan# 1985
Delta R.T. 0.000 min
Lab File: VN065174.D
Acq: 21 Dec 2020 11:44

Tgt Ion: 43 Resp: 84957
Ion Ratio Lower Upper
43 100
61 25.9 13.0 19.4#





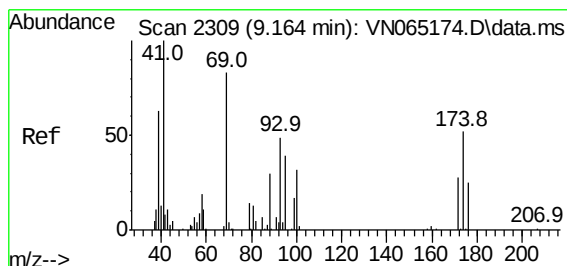
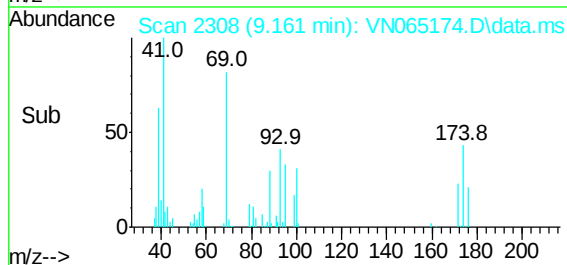
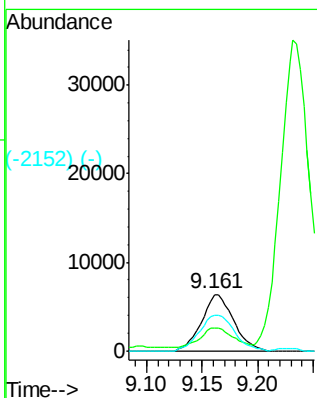
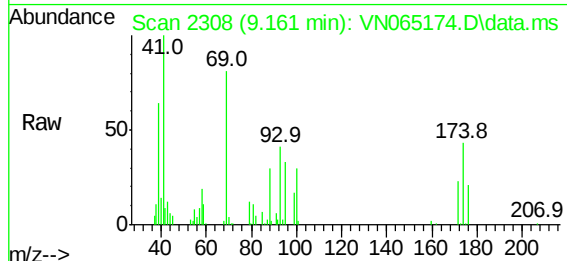
#45 (-)
1,4-Dioxane
Concen: 345.64 ug/l
RT: 9.161 min Scan# 2308
Delta R.T. 0.000 min
Lab File: VN065174.D
Acq: 21 Dec 2020 11:44

Tgt Ion: 88 Resp: 12510
Ion Ratio Lower Upper
88 100
43 36.4 30.6 46.0
58 69.9 57.9 86.9

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC020

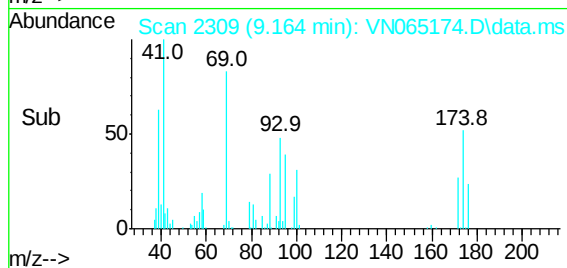
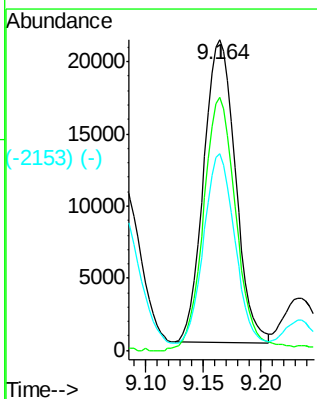
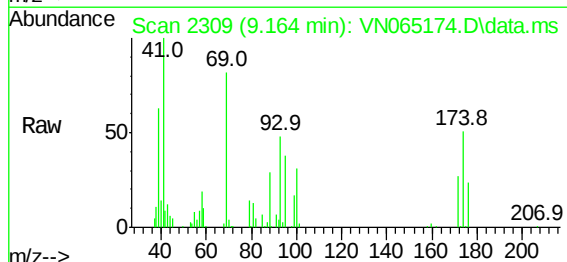
Manual Integrations
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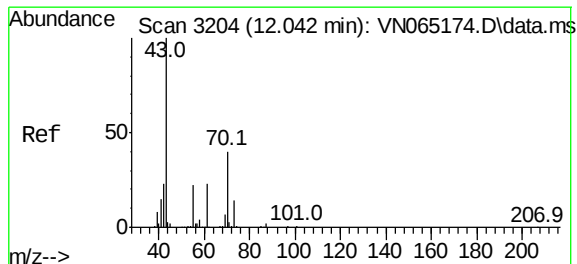
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#46 (-)
Methyl methacrylate
Concen: 19.08 ug/l
RT: 9.164 min Scan# 2309
Delta R.T. 0.000 min
Lab File: VN065174.D
Acq: 21 Dec 2020 11:44

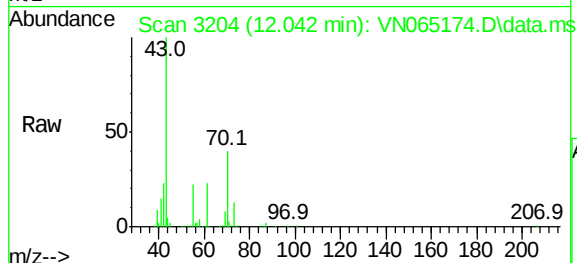
Tgt Ion: 41 Resp: 40114
Ion Ratio Lower Upper
41 100
69 82.8 35.4 106.2
39 62.7 31.6 94.7





#4187 (-)
n-amy1 Acetate
Concen: 20.11 ug/l
RT: 12.042 min Scan# 3204
Delta R.T. 0.000 min
Lab File: VN065174.D
Acq: 21 Dec 2020 11:44

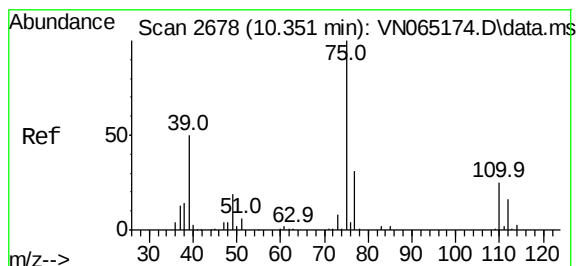
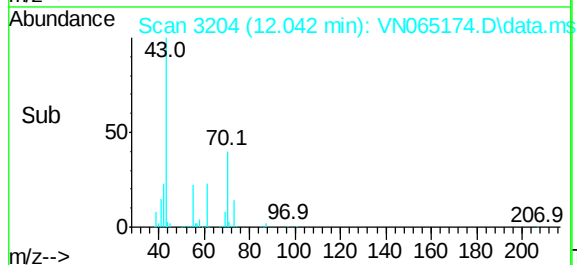
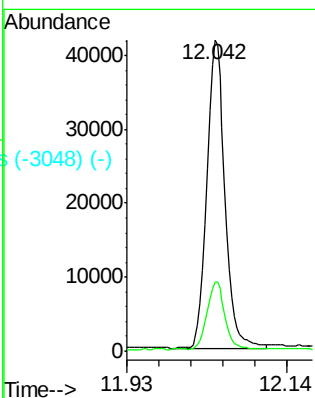
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 43 Resp: 68981
Ion Ratio Lower Upper
43 100
55 21.5 19.2 28.8

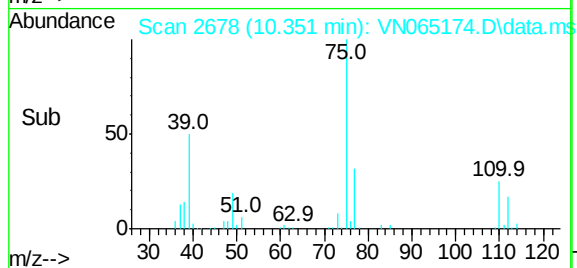
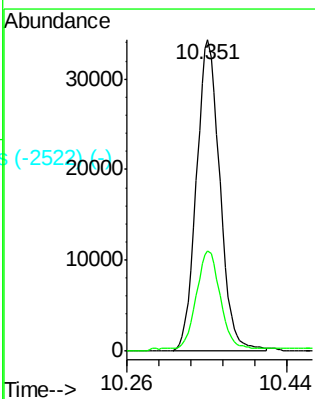
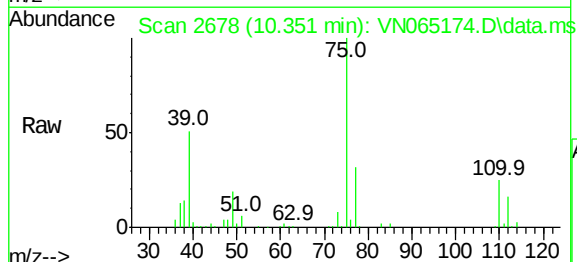
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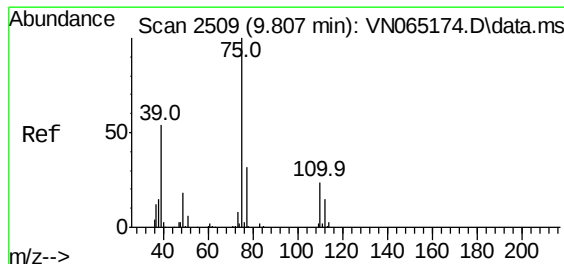
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#4186 (-)
t-1,3-Dichloropropene
Concen: 18.05 ug/l
RT: 10.351 min Scan# 2678
Delta R.T. 0.000 min
Lab File: VN065174.D
Acq: 21 Dec 2020 11:44

Tgt Ion: 75 Resp: 61435
Ion Ratio Lower Upper
75 100
77 31.3 25.8 38.6



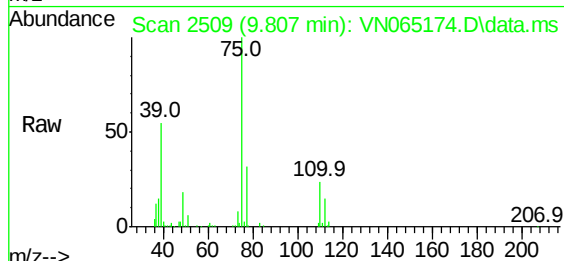


#495 (-)
cis-1,3-Dichloropropene
Concen: 17.06 ug/l
RT: 9.807 min Scan# 2509
Delta R.T. 0.000 min
Lab File: VN065174.D
Acq: 21 Dec 2020 11:44

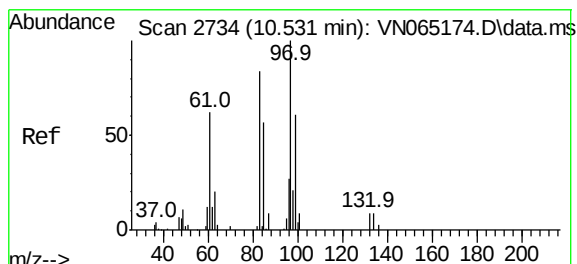
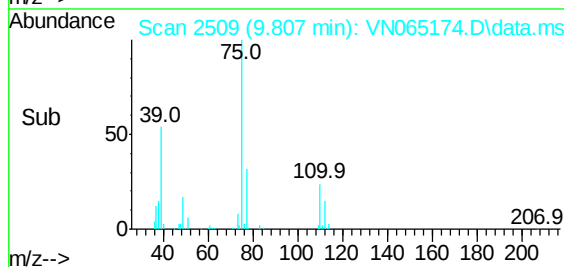
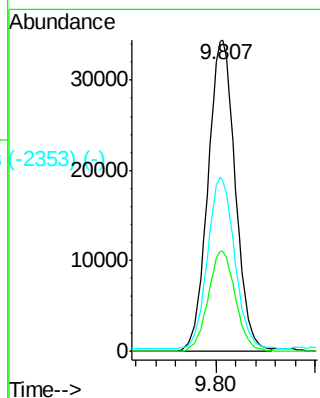
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

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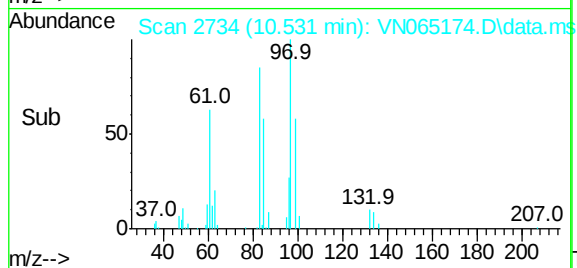
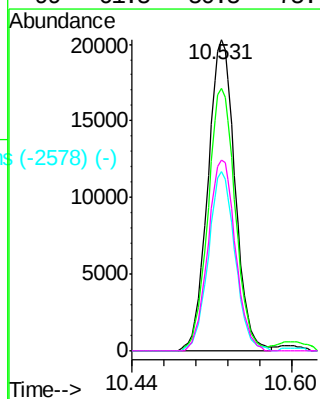
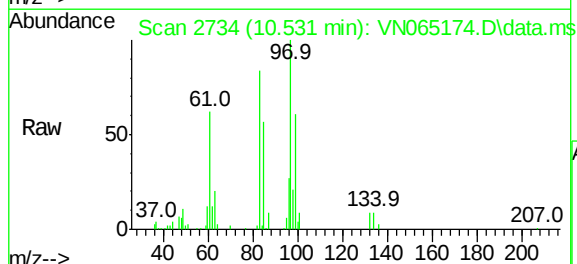


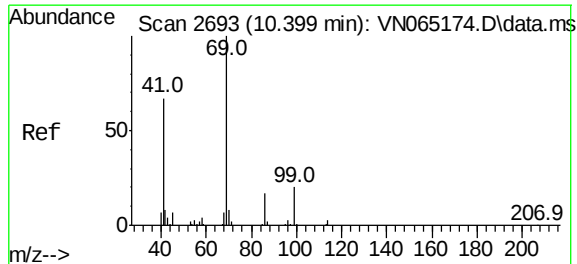
Tgt Ion: 75 Resp: 65246
Ion Ratio Lower Upper
75 100
77 32.1 24.8 37.2
39 53.9 47.4 71.0



#5021 (-)
1,1,2-Trichloroethane
Concen: 17.05 ug/l
RT: 10.531 min Scan# 2734
Delta R.T. 0.000 min
Lab File: VN065174.D
Acq: 21 Dec 2020 11:44

Tgt Ion: 97 Resp: 36944
Ion Ratio Lower Upper
97 100
83 84.4 74.2 111.4
85 57.4 44.8 67.2
99 61.5 50.5 75.7





#5180 (-)
Ethyl methacrylate
Concen: 18.67 ug/l
RT: 10.399 min Scan# 2693
Delta R.T. 0.000 min
Lab File: VN065174.D
Acq: 21 Dec 2020 11:44

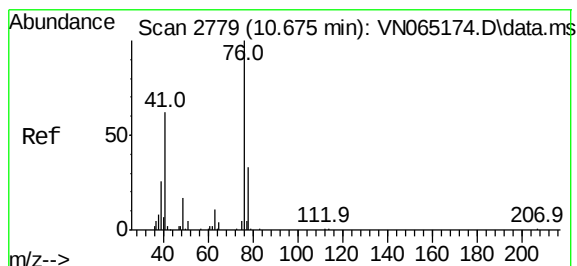
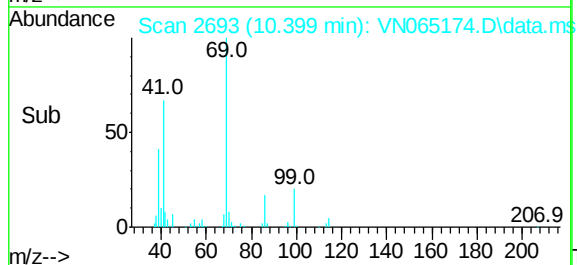
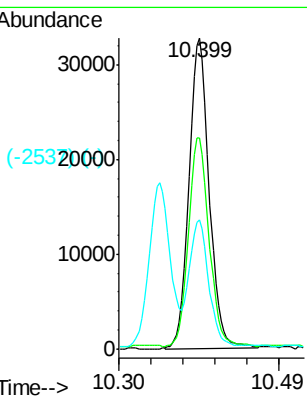
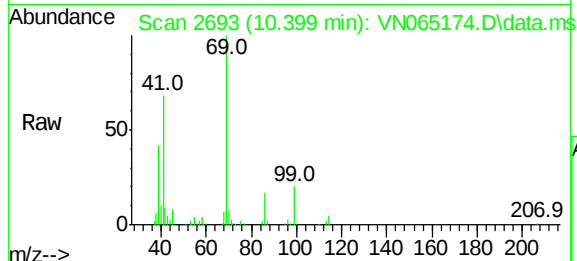
Tgt Ion: 69 Resp: 55956

Ion	Ratio	Lower	Upper
69	100		
41	67.3	35.4	106.1
39	40.8	24.1	72.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations
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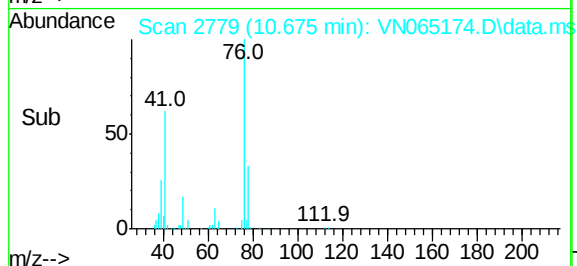
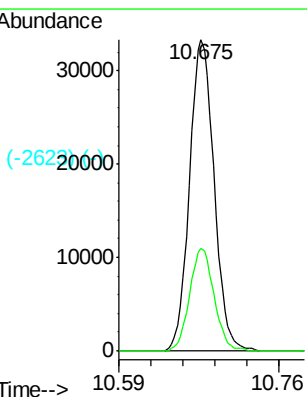
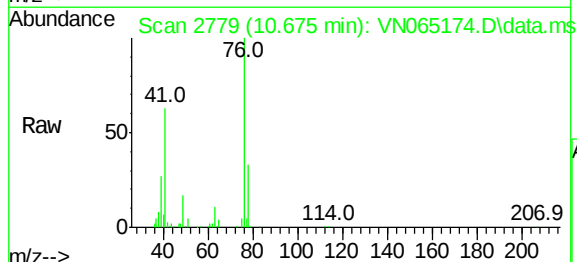
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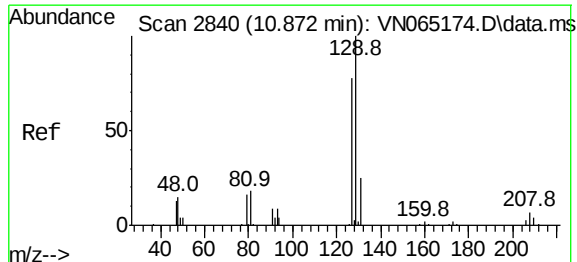


#5267 (-)
1,3-Dichloropropane
Concen: 16.92 ug/l
RT: 10.675 min Scan# 2779
Delta R.T. 0.000 min
Lab File: VN065174.D
Acq: 21 Dec 2020 11:44

Tgt Ion: 76 Resp: 60899

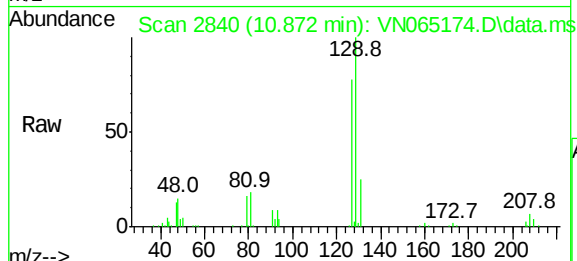
Ion	Ratio	Lower	Upper
76	100		
78	32.5	0.0	65.2





#528 (-)
Dibromochloromethane
Concen: 17.06 ug/l
RT: 10.872 min Scan# 2840
Delta R.T. 0.000 min
Lab File: VN065174.D
Acq: 21 Dec 2020 11:44

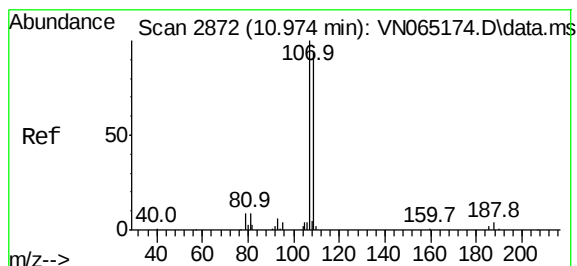
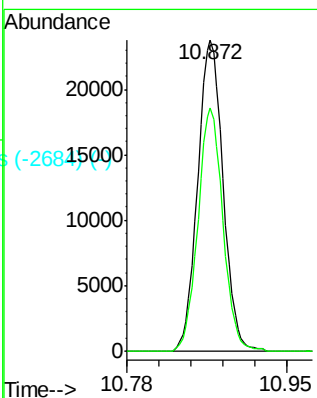
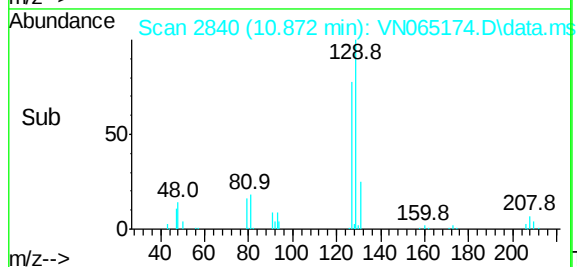
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



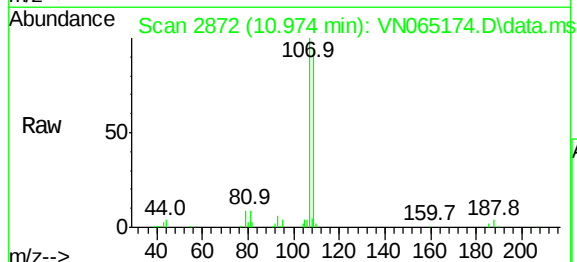
Tgt Ion:129 Resp: 43256
Ion Ratio Lower Upper
129 100
127 76.7 39.1 117.2

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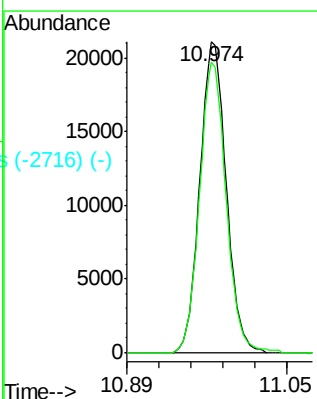
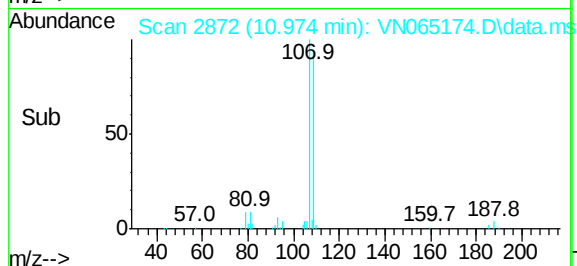
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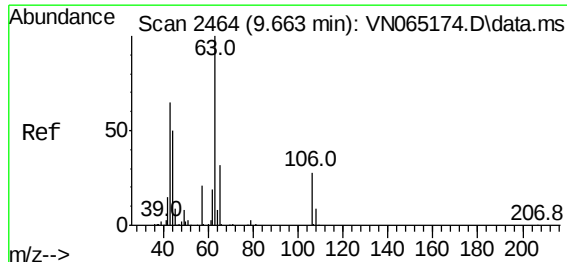


#546 (-)
1,2-Dibromoethane
Concen: 17.00 ug/l
RT: 10.974 min Scan# 2872
Delta R.T. 0.000 min
Lab File: VN065174.D
Acq: 21 Dec 2020 11:44



Tgt Ion:107 Resp: 38614
Ion Ratio Lower Upper
107 100
109 94.3 77.2 115.8



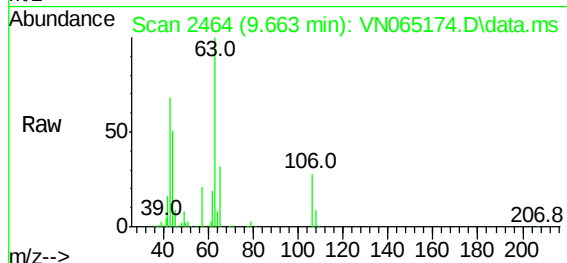


(#550) (-)
2-Chloroethyl vinyl ether
Concen: 82.29 ug/l
RT: 9.663 min Scan# 2464
Delta R.T. 0.000 min
Lab File: VN065174.D
Acq: 21 Dec 2020 11:44

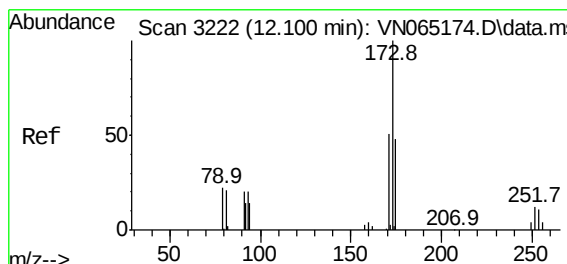
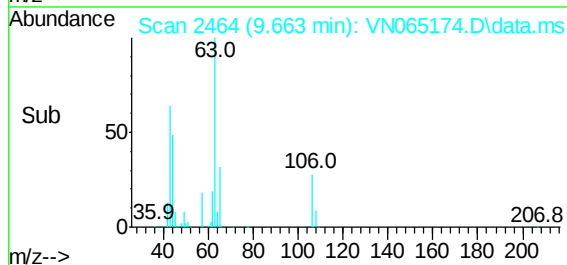
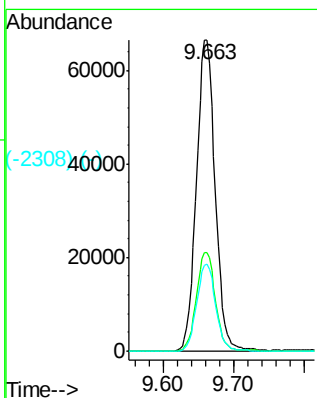
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

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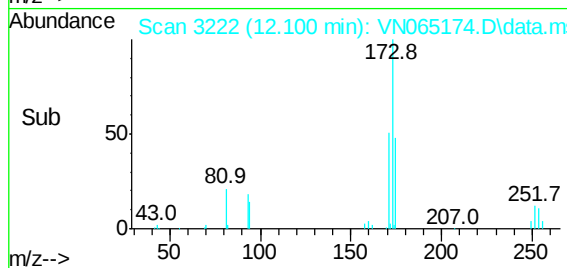
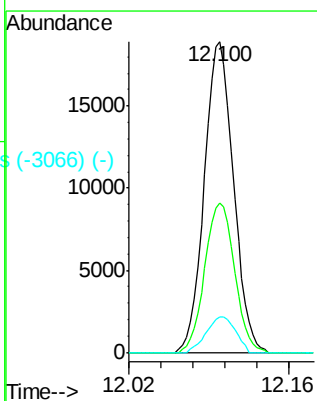
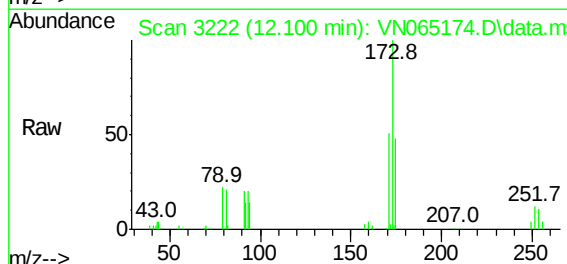


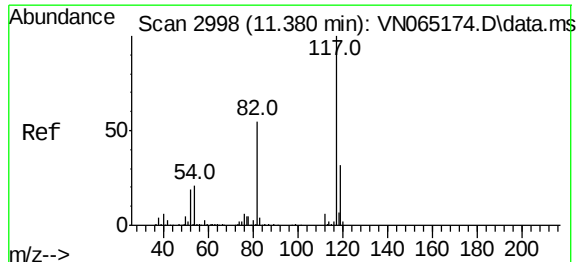
Tgt Ion: 63 Resp: 121825
Ion Ratio Lower Upper
63 100
65 32.0 25.7 38.5
106 28.1 19.9 29.9



(#5610) (-)
Bromoform
Concen: 18.79 ug/l
RT: 12.100 min Scan# 3222
Delta R.T. 0.000 min
Lab File: VN065174.D
Acq: 21 Dec 2020 11:44

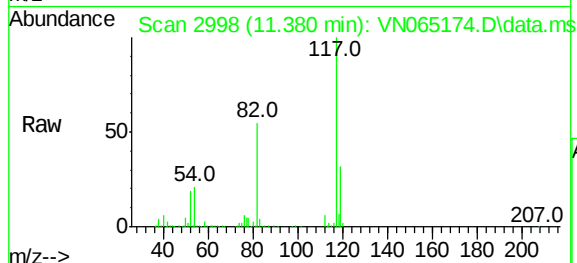
Tgt Ion: 173 Resp: 32965
Ion Ratio Lower Upper
173 100
175 49.1 37.1 55.7
254 11.4 5.4 8.2#





#2984 (-)
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. 0.000 min
Lab File: VN065174.D
Acq: 21 Dec 2020 11:44

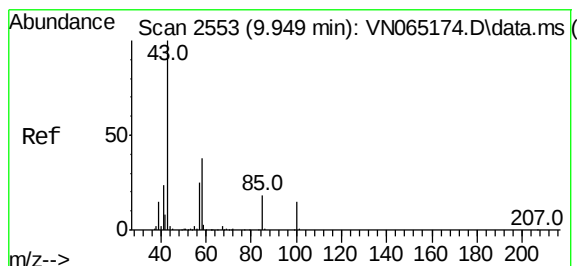
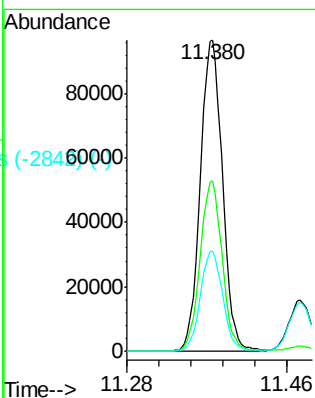
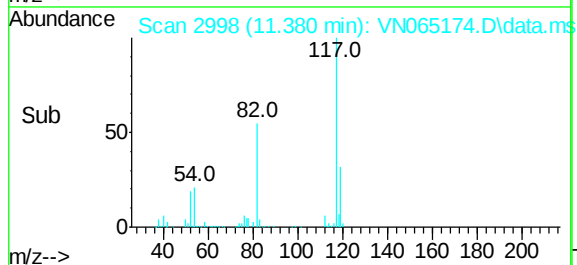
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



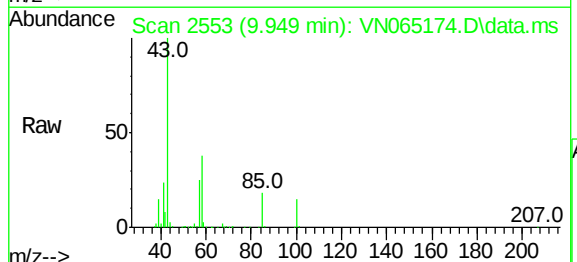
Tgt Ion:117 Resp: 169152
Ion Ratio Lower Upper
117 100
82 54.4 47.8 71.8
119 32.4 25.7 38.5

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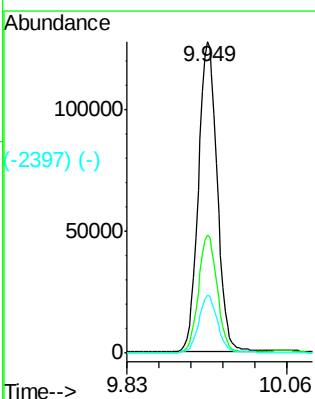
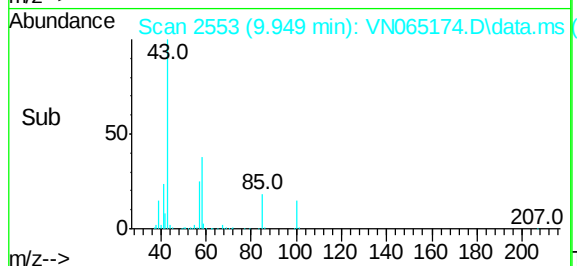
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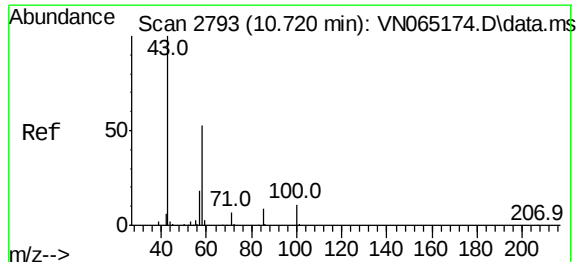


#2558 (-)
4-Methyl-2-Pentanone
Concen: 93.19 ug/l
RT: 9.949 min Scan# 2553
Delta R.T. 0.000 min
Lab File: VN065174.D
Acq: 21 Dec 2020 11:44



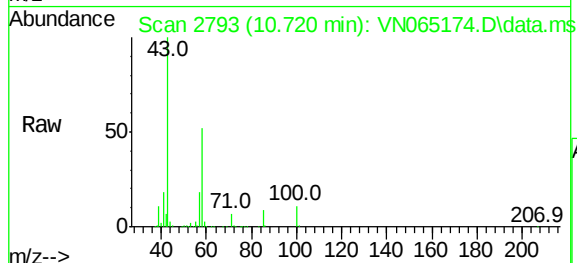
Tgt Ion: 43 Resp: 233797
Ion Ratio Lower Upper
43 100
58 38.0 28.8 43.2
85 18.3 12.3 18.5





#5978 (-)
2-Hexanone
Concen: 102.79 ug/l
RT: 10.720 min Scan# 2793
Delta R.T. 0.000 min
Lab File: VN065174.D
Acq: 21 Dec 2020 11:44

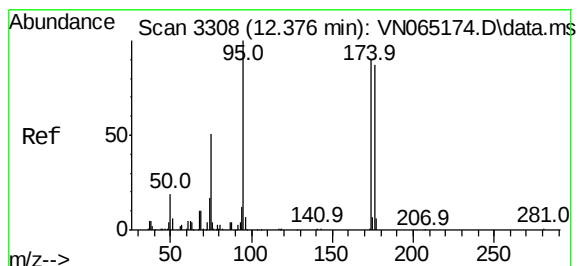
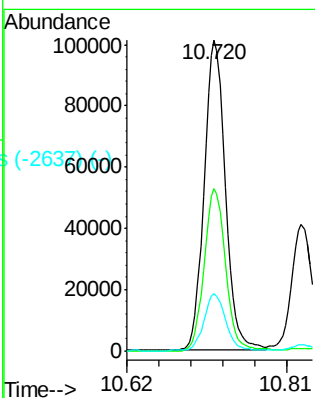
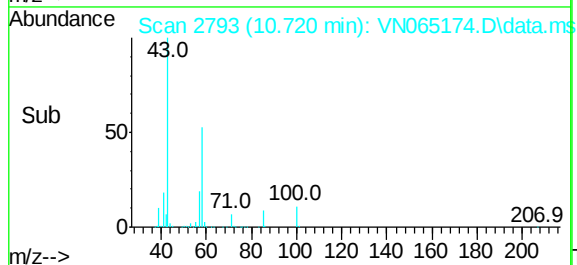
Instrument :
MSVOA_N
ClientSampleId :
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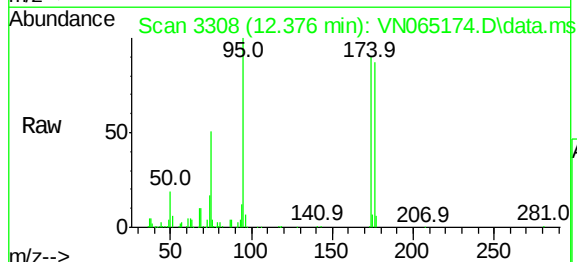
Tgt Ion: 43 Resp: 173503
Ion Ratio Lower Upper
43 100
58 53.3 38.2 57.4
57 19.0 13.8 20.8

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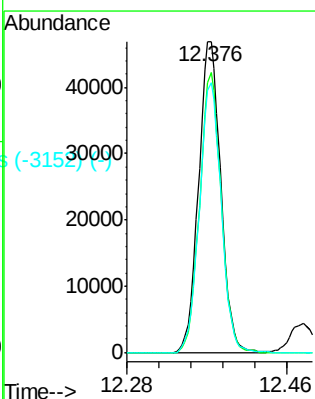
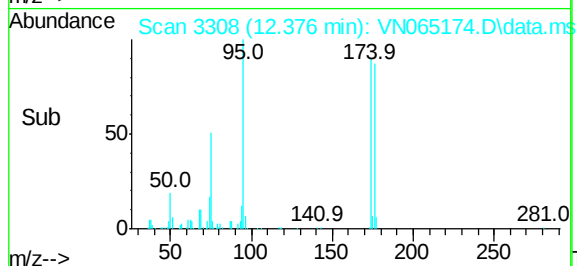
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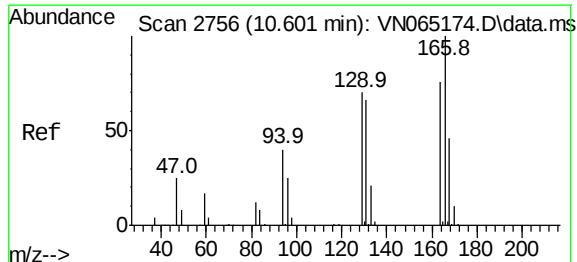


#6095 (-)
4-Bromofluorobenzene
Concen: 29.59 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065174.D
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Tgt Ion: 95 Resp: 79341
Ion Ratio Lower Upper
95 100
174 87.2 56.4 84.6#
176 85.5 53.3 79.9#



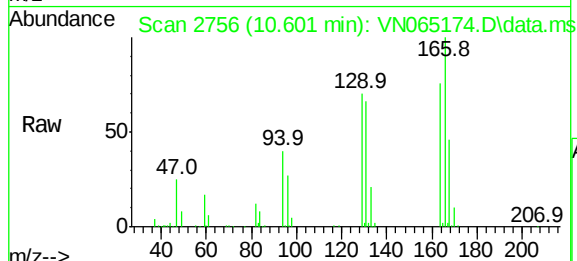


#6143 (-)
Tetrachloroethene
Concen: 19.33 ug/l
RT: 10.601 min Scan# 2756
Delta R.T. 0.000 min
Lab File: VN065174.D
Acq: 21 Dec 2020 11:44

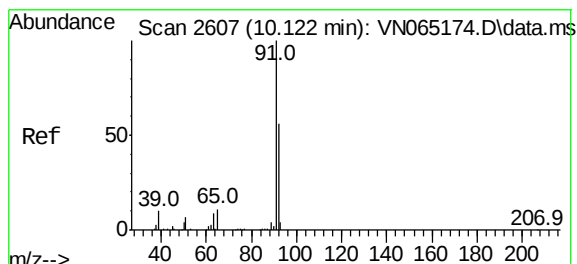
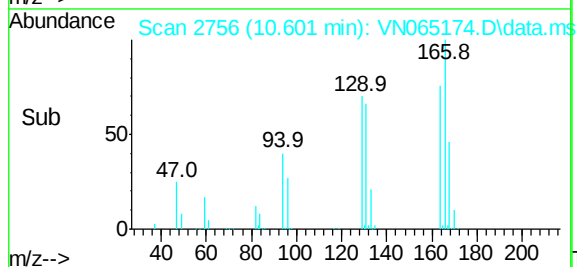
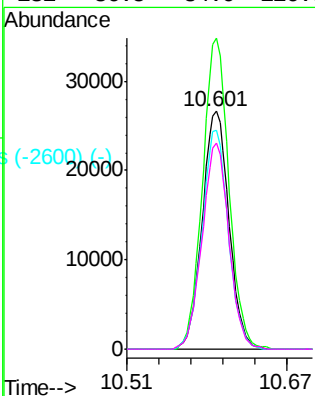
Instrument :
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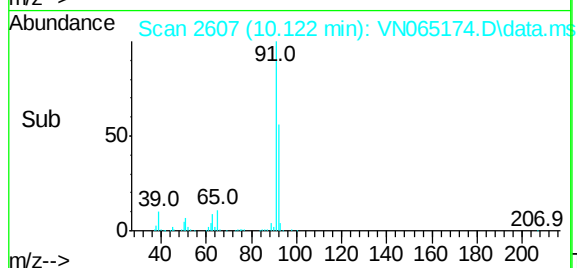
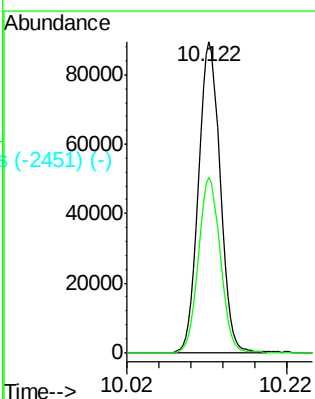
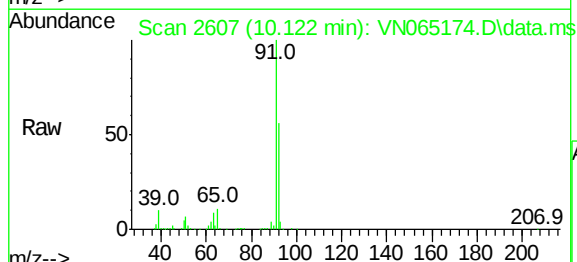


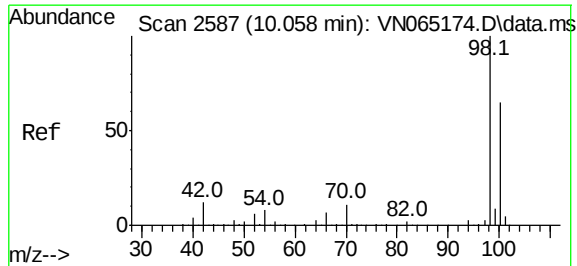
Tgt Ion:	164	Resp:	47725
Ion	Ratio	Lower	Upper
164	100		
166	130.7	103.2	154.8
129	92.0	86.4	129.6
131	86.5	84.0	126.0



#6293 (-)
Toluene
Concen: 17.55 ug/l
RT: 10.122 min Scan# 2607
Delta R.T. 0.000 min
Lab File: VN065174.D
Acq: 21 Dec 2020 11:44

Tgt Ion:	91	Resp:	162438
Ion	Ratio	Lower	Upper
91	100		
92	56.5	45.4	68.2





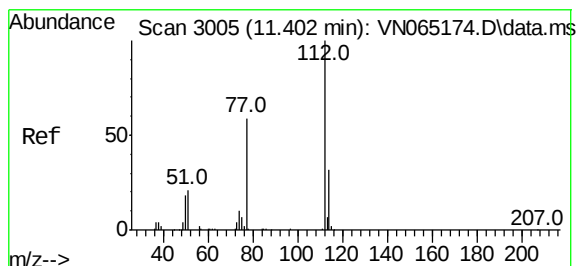
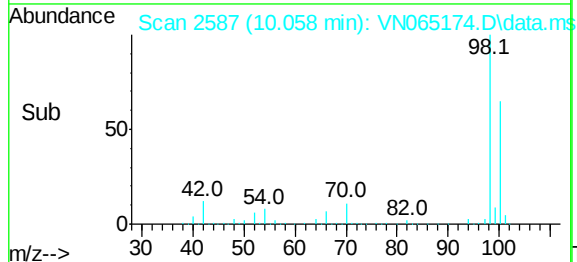
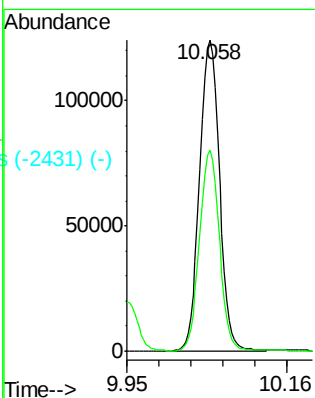
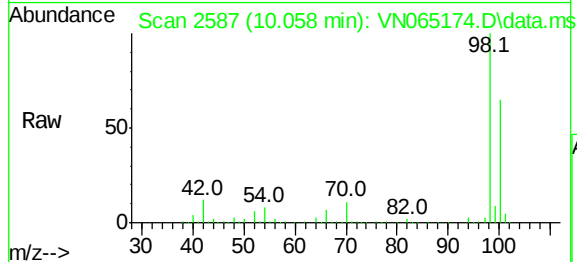
#2372 (-)
Toluene-d8
Concen: 27.87 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065174.D
Acq: 21 Dec 2020 11:44

Tgt Ion: 98 Resp: 225769
Ion Ratio Lower Upper
98 100
100 64.2 49.4 74.2

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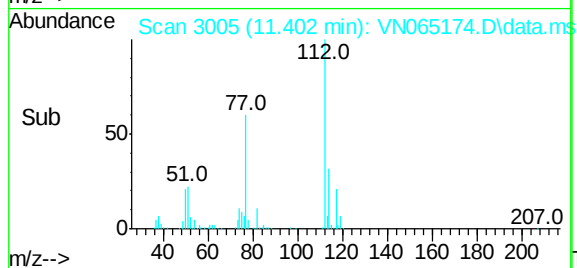
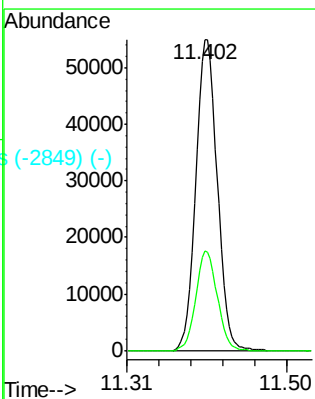
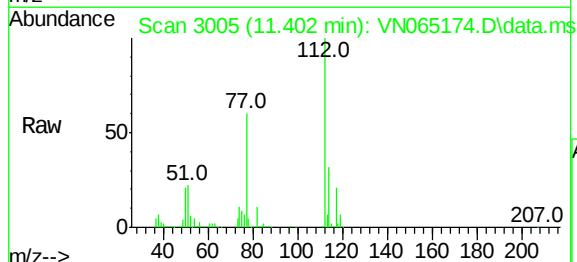
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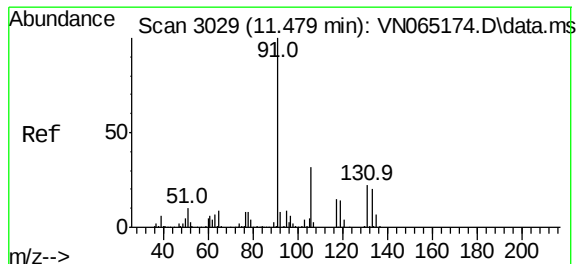
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#2393 (-)
Chlorobenzene
Concen: 17.19 ug/l
RT: 11.402 min Scan# 3005
Delta R.T. 0.000 min
Lab File: VN065174.D
Acq: 21 Dec 2020 11:44

Tgt Ion: 112 Resp: 99061
Ion Ratio Lower Upper
112 100
114 31.9 25.0 37.6



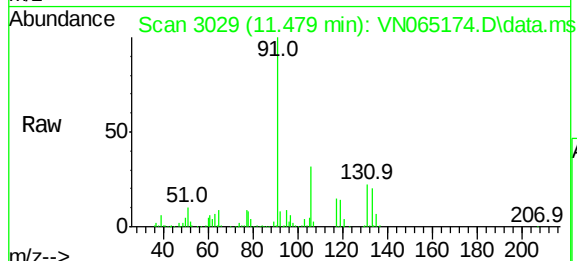


#6517 (-)
 1,1,1,2-Tetrachloroethane
 Concen: 17.83 ug/l
 RT: 11.479 min Scan# 3029
 Delta R.T. 0.000 min
 Lab File: VN065174.D
 Acq: 21 Dec 2020 11:44

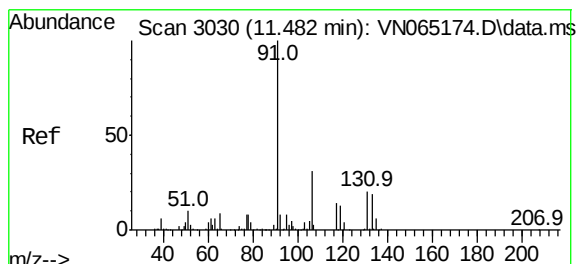
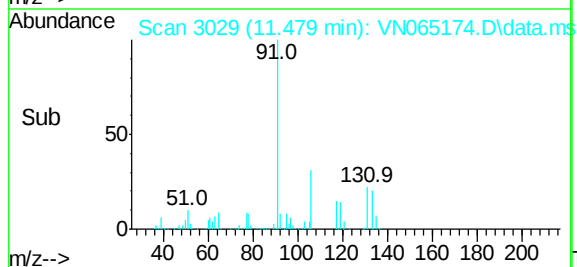
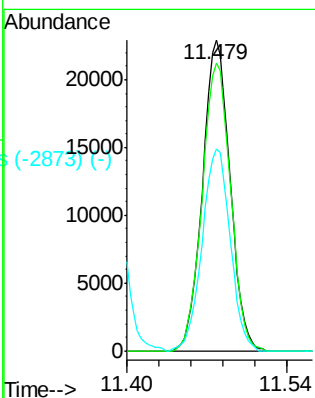
Instrument :
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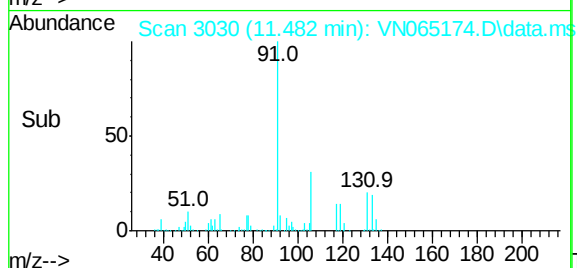
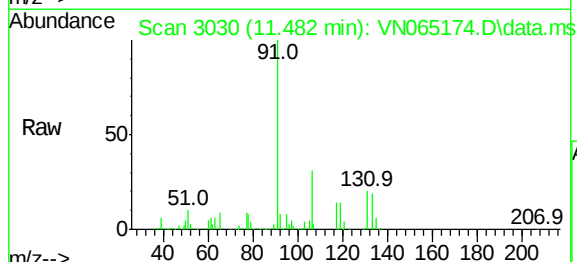
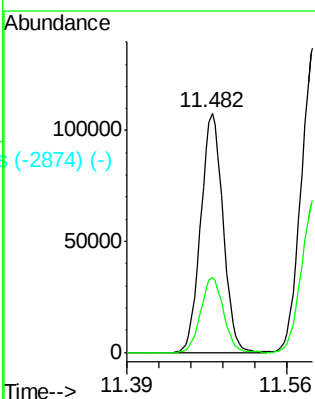


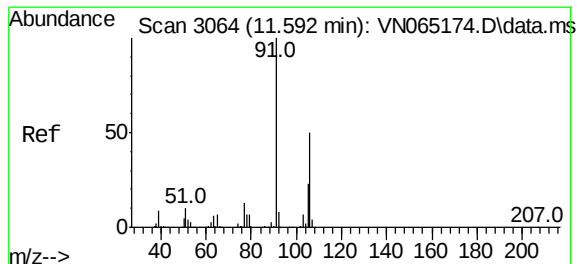
Tgt Ion:	131	Resp:	39309
Ion	Ratio	Lower	Upper
131	100		
133	95.7	0.0	191.2
119	66.4	0.0	131.6



#6617 (-)
 Ethyl Benzene
 Concen: 18.06 ug/l
 RT: 11.482 min Scan# 3030
 Delta R.T. 0.000 min
 Lab File: VN065174.D
 Acq: 21 Dec 2020 11:44

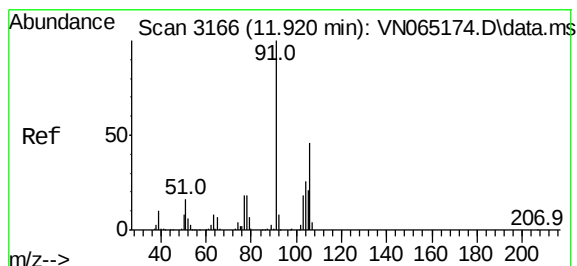
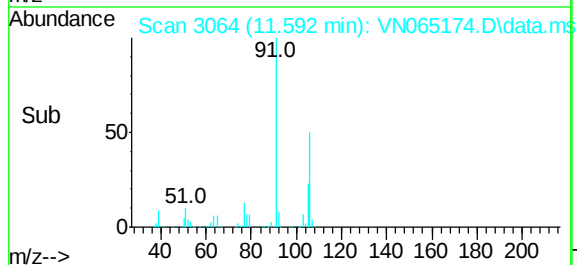
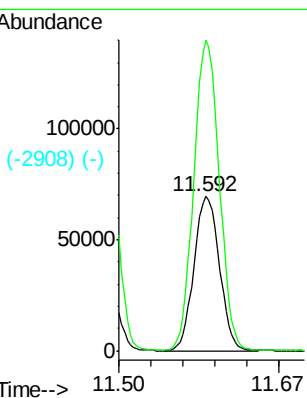
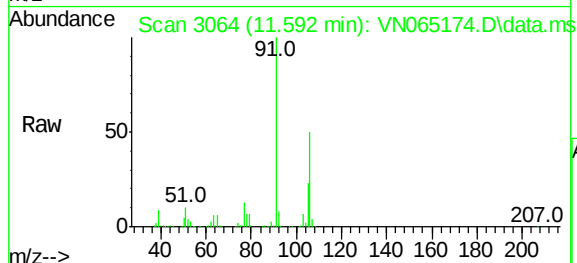
Tgt Ion:	91	Resp:	179433
Ion	Ratio	Lower	Upper
91	100		
106	31.4	23.9	35.9





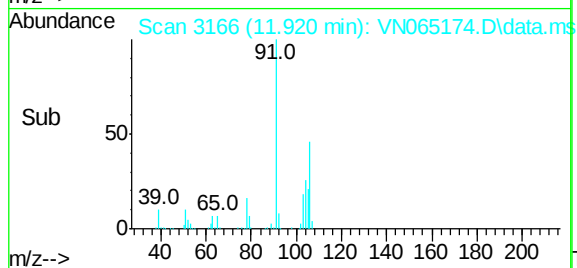
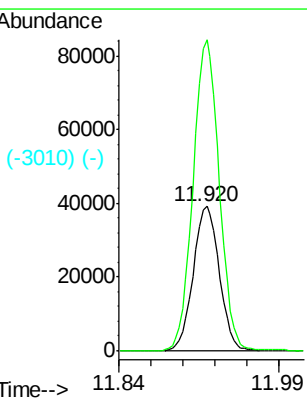
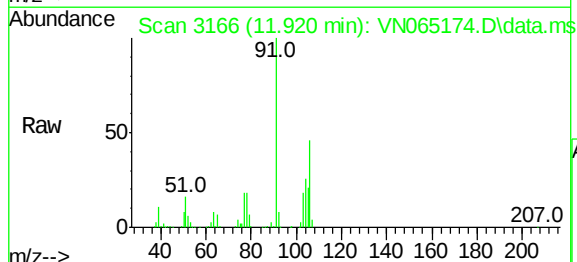
#6750 (-)
m/p-Xylenes
Concen: 35.41 ug/l
RT: 11.592 min Scan# 3064
Delta R.T. 0.000 min
Lab File: VN065174.D
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Tgt Ion:106 Resp: 136356
Ion Ratio Lower Upper
106 100
91 201.3 168.8 253.2



#6754 (-)
o-Xylene
Concen: 17.90 ug/l
RT: 11.920 min Scan# 3166
Delta R.T. 0.000 min
Lab File: VN065174.D
Acq: 21 Dec 2020 11:44

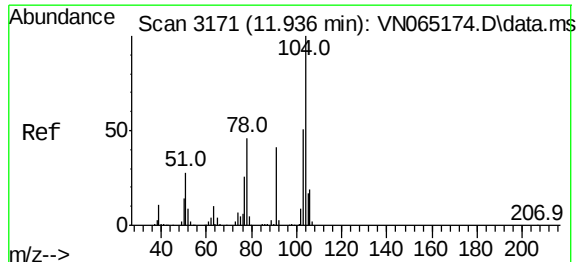
Tgt Ion:106 Resp: 65310
Ion Ratio Lower Upper
106 100
91 216.8 109.7 329.2



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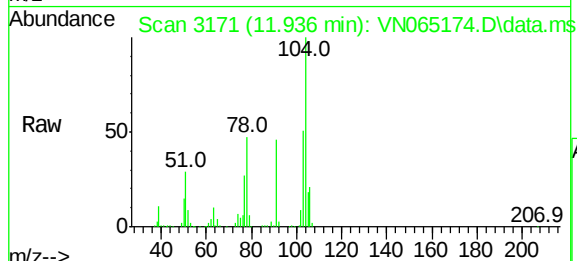
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#6157 (-)
Styrene
Concen: 17.70 ug/l
RT: 11.936 min Scan# 3171
Delta R.T. 0.000 min
Lab File: VN065174.D
Acq: 21 Dec 2020 11:44

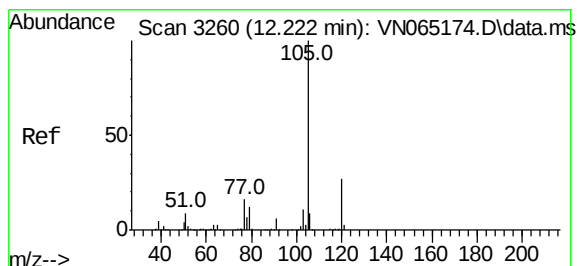
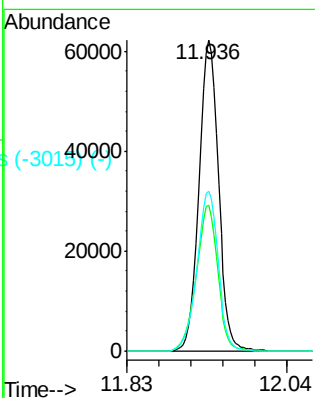
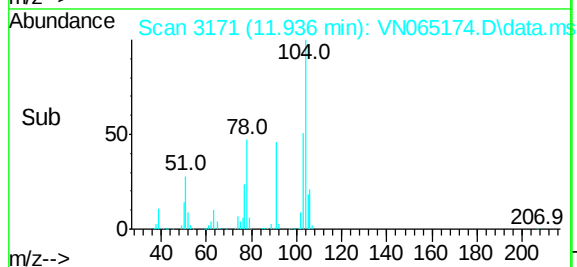
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Tgt Ion:	104	Resp:	107711
Ion	Ratio	Lower	Upper
104	100		
78	51.2	44.4	66.6
103	55.7	44.6	67.0

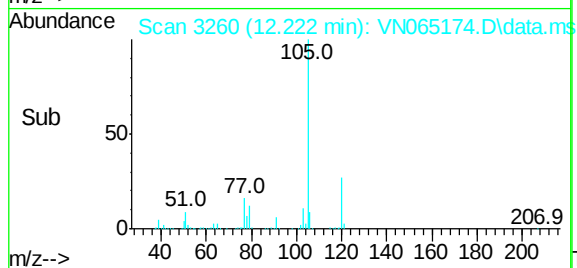
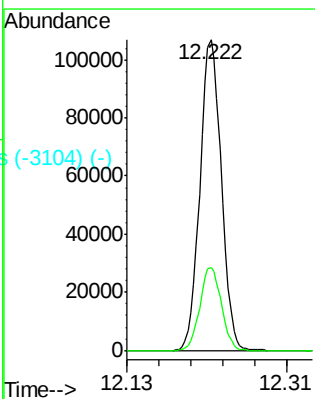
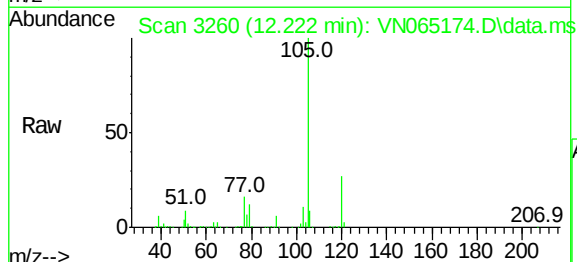
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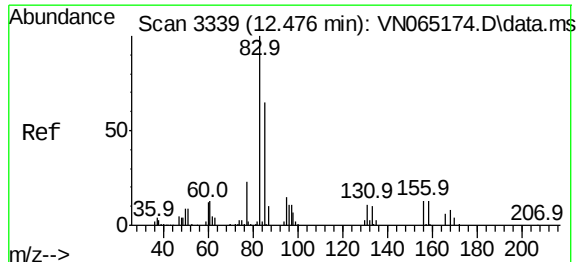
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#3247 (-)
Isopropylbenzene
Concen: 18.27 ug/l
RT: 12.222 min Scan# 3260
Delta R.T. 0.000 min
Lab File: VN065174.D
Acq: 21 Dec 2020 11:44

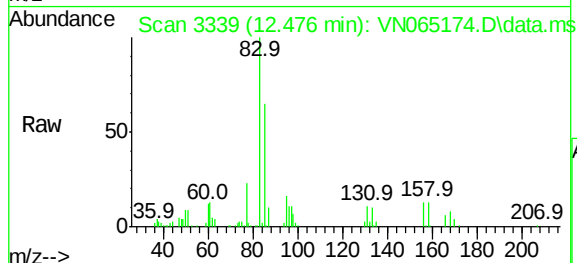
Tgt Ion:	105	Resp:	174665
Ion	Ratio	Lower	Upper
105	100		
120	26.7	17.9	33.3





#3339 (-)
 1,1,2,2-Tetrachloroethane
 Concen: 17.06 ug/l
 RT: 12.476 min Scan# 3339
 Delta R.T. 0.000 min
 Lab File: VN065174.D
 Acq: 21 Dec 2020 11:44

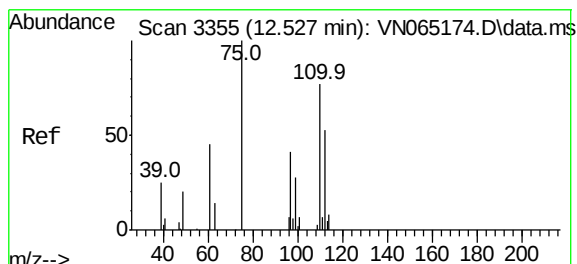
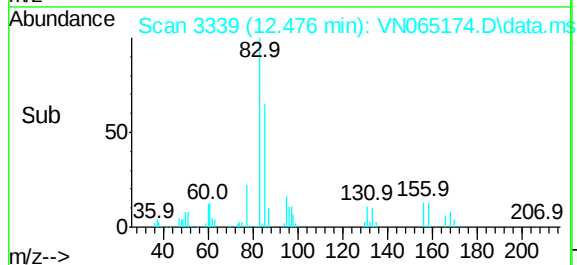
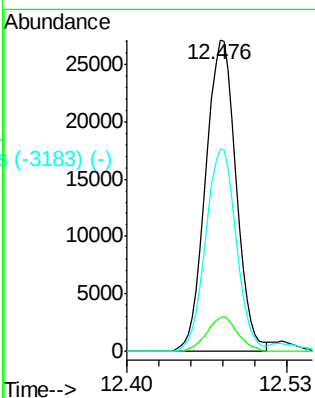
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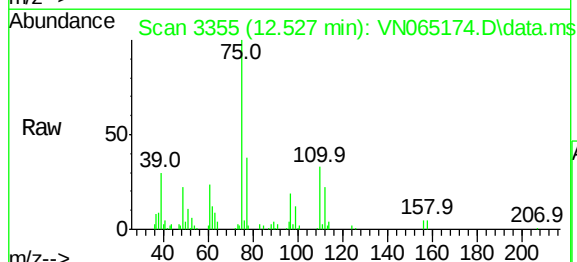
Tgt Ion:	83	Resp:	46484
Ion	Ratio	Lower	Upper
83	100		
131	10.9	4.6	13.8
85	65.1	31.4	94.0

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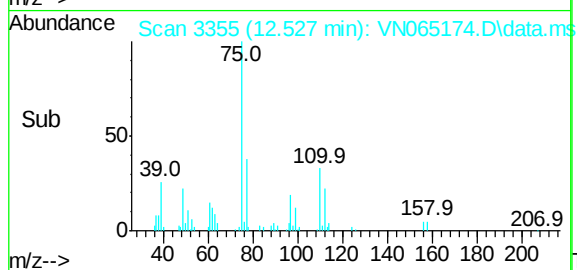
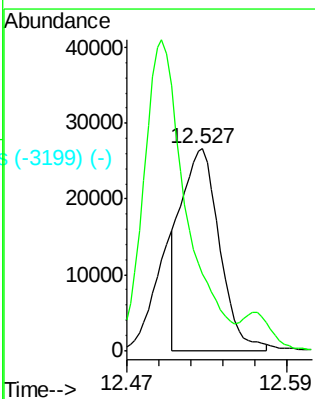
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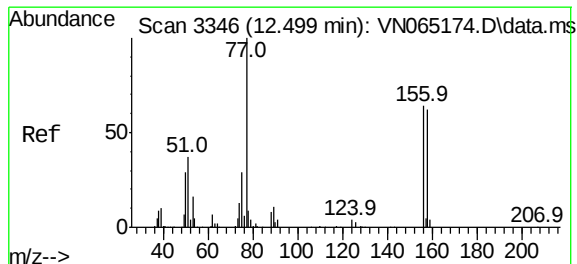


#3355 (-)
 1,2,3-Trichloropropane
 Concen: 19.53 ug/l m
 RT: 12.527 min Scan# 3355
 Delta R.T. 0.000 min
 Lab File: VN065174.D
 Acq: 21 Dec 2020 11:44



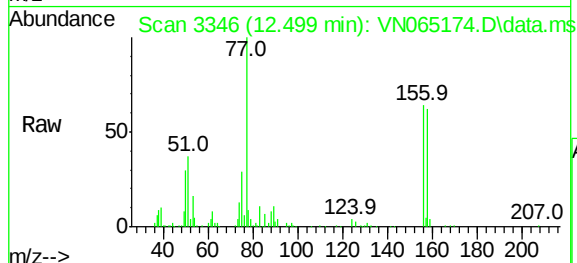
Tgt Ion:	75	Resp:	50939
Ion	Ratio	Lower	Upper
75	100		
77	168.8	0.0	379.4





#334 (-)
Bromobenzene
Concen: 18.12 ug/l
RT: 12.499 min Scan# 3346
Delta R.T. 0.000 min
Lab File: VN065174.D
Acq: 21 Dec 2020 11:44

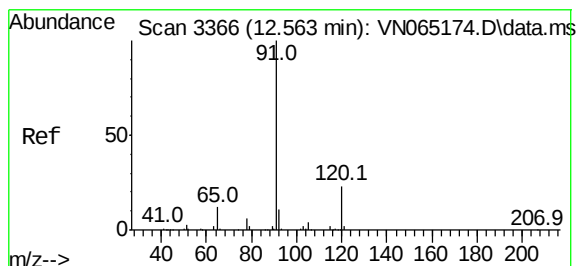
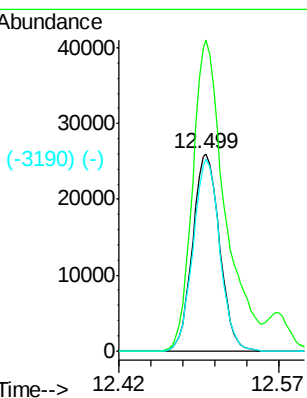
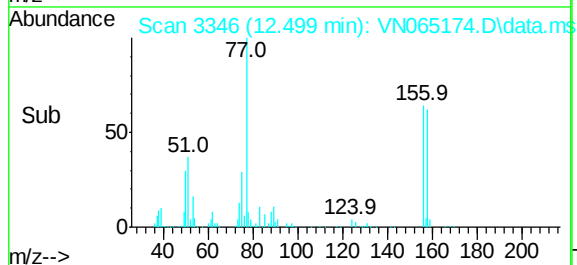
Instrument :
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ClientSampleId :
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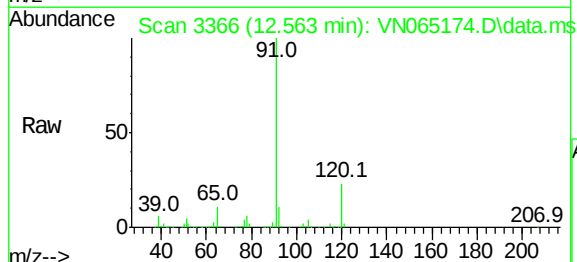
Tgt Ion:156 Resp: 44992
Ion Ratio Lower Upper
156 100
77 191.2 0.0 480.2
158 96.6 0.0 194.0

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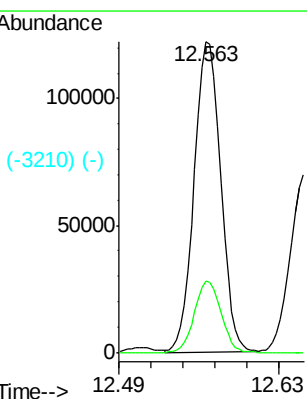
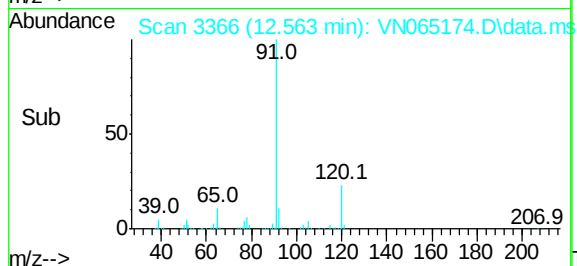
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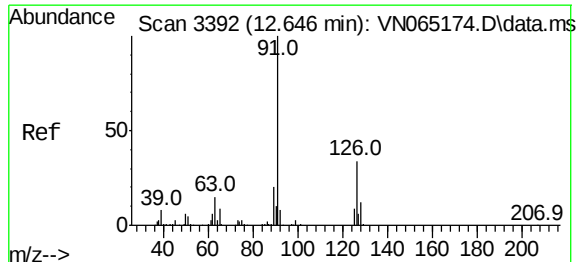


#335 (-)
n-propylbenzene
Concen: 17.92 ug/l
RT: 12.563 min Scan# 3366
Delta R.T. 0.000 min
Lab File: VN065174.D
Acq: 21 Dec 2020 11:44



Tgt Ion: 91 Resp: 195032
Ion Ratio Lower Upper
91 100
120 22.8 0.0 42.8





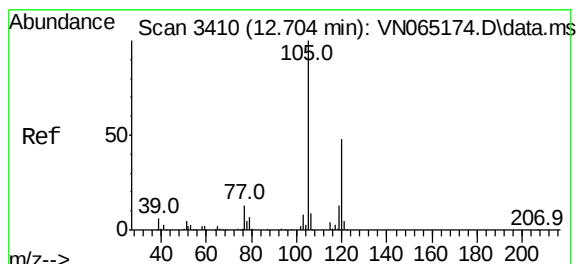
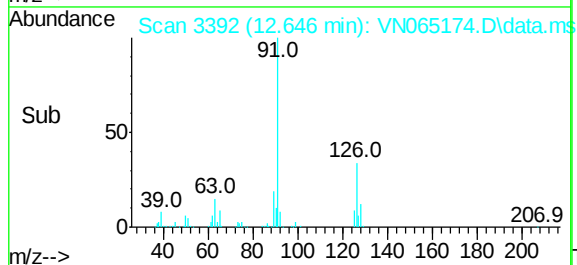
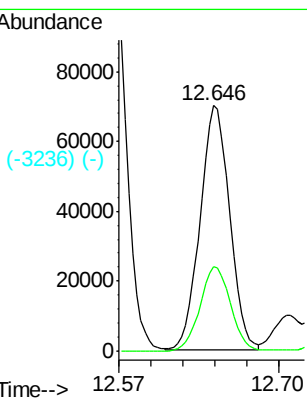
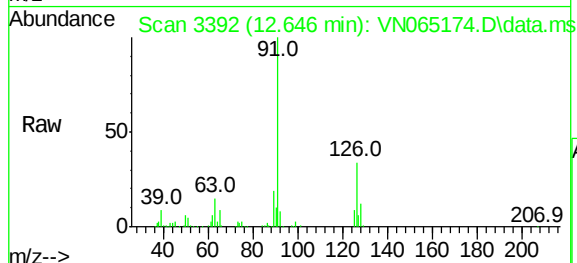
#3392 (-)
 2-Chlorotoluene
 Concen: 17.57 ug/l
 RT: 12.646 min Scan# 3392
 Delta R.T. 0.000 min
 Lab File: VN065174.D
 Acq: 21 Dec 2020 11:44

Tgt Ion:	91	Resp:	115511
Ion Ratio	Lower	Upper	
91	100		
126	35.2	0.0	61.8

Instrument :
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 ClientSampleId :
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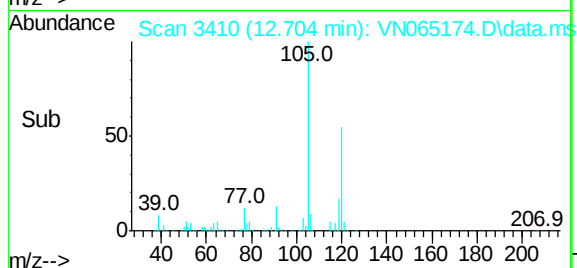
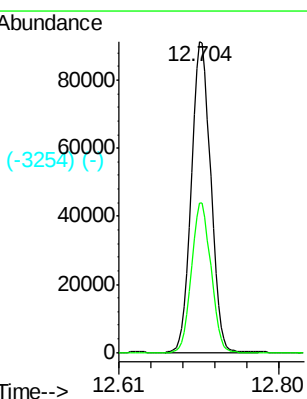
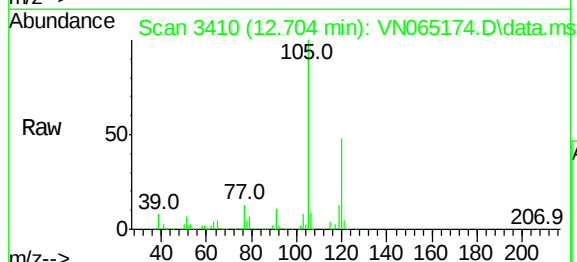
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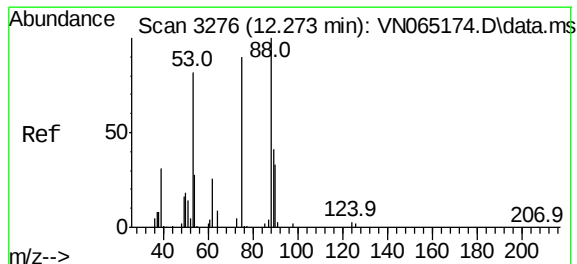
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#3410 (-)
 1,3,5-Trimethylbenzene
 Concen: 18.05 ug/l
 RT: 12.704 min Scan# 3410
 Delta R.T. 0.000 min
 Lab File: VN065174.D
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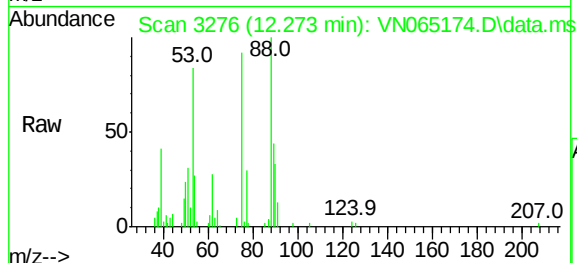
Tgt Ion:	105	Resp:	148528
Ion Ratio	Lower	Upper	
105	100		
120	48.2	0.0	90.4





#3266 (-)
t-1,4-Dichloro-2-butene
Concen: 19.27 ug/l
RT: 12.273 min Scan# 3276
Delta R.T. 0.000 min
Lab File: VN065174.D
Acq: 21 Dec 2020 11:44

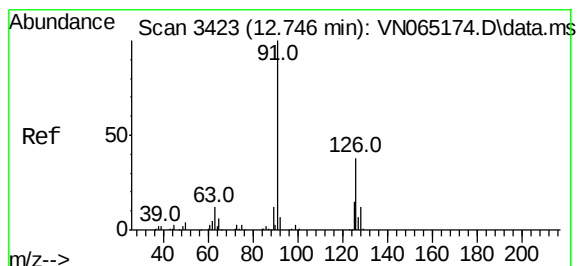
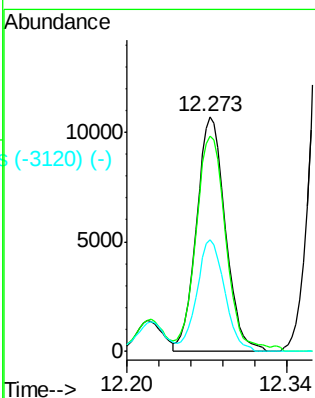
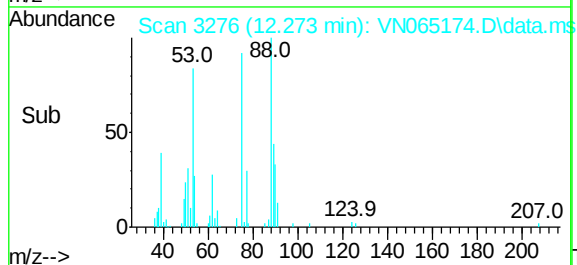
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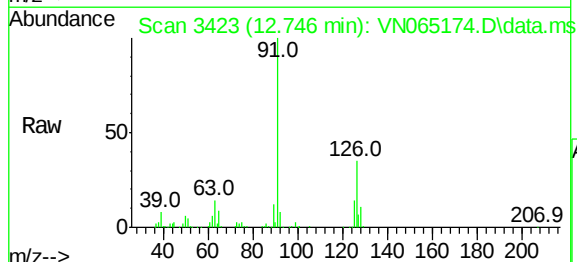
Tgt Ion:	75	Resp:	18479
Ion	Ratio	Lower	Upper
75	100		
53	90.1	50.3	150.9
89	47.6	23.3	69.8

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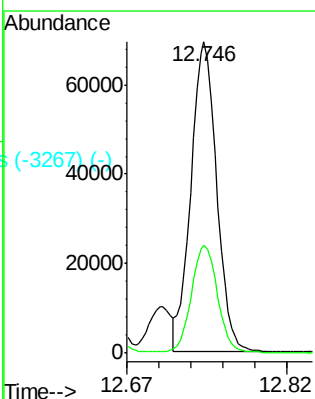
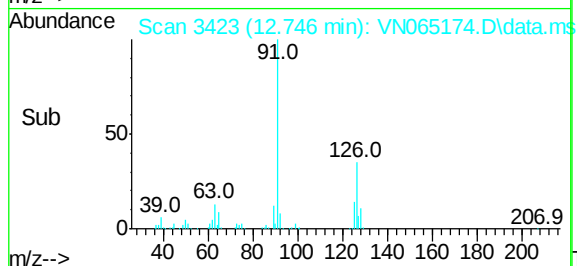
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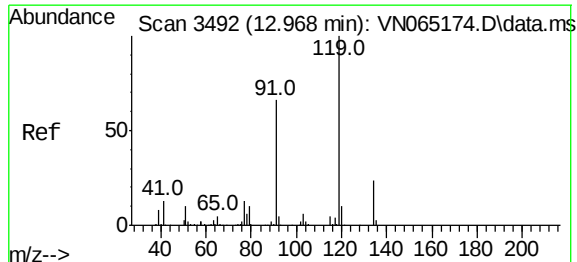


#3414 (-)
4-Chlorotoluene
Concen: 17.08 ug/l
RT: 12.746 min Scan# 3423
Delta R.T. 0.000 min
Lab File: VN065174.D
Acq: 21 Dec 2020 11:44



Tgt Ion:	91	Resp:	114627
Ion	Ratio	Lower	Upper
91	100		
126	35.3	0.0	61.8





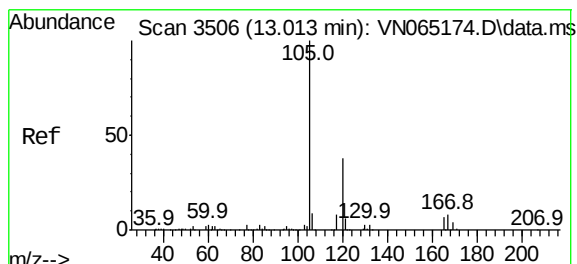
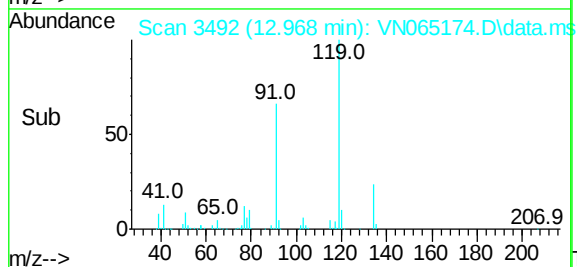
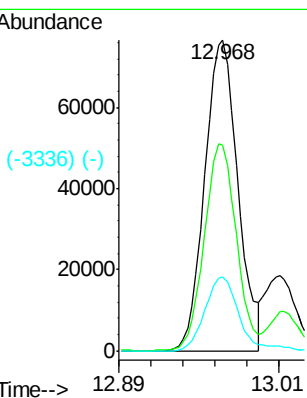
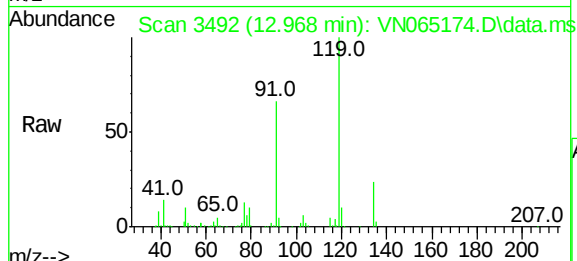
#3479 (-)
tert-butylbenzene
Concen: 18.36 ug/l
RT: 12.968 min Scan# 3492
Delta R.T. 0.000 min
Lab File: VN065174.D
Acq: 21 Dec 2020 11:44

Tgt Ion:	119	Resp:	127887
Ion Ratio	Lower	Upper	
119	100		
91	64.1	0.0	147.8
134	24.6	0.0	50.6

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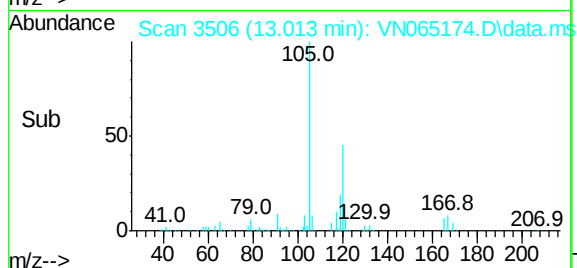
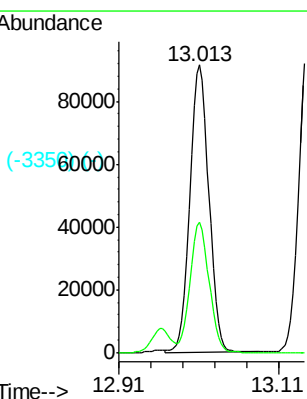
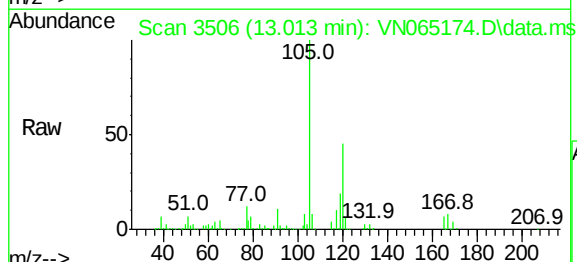
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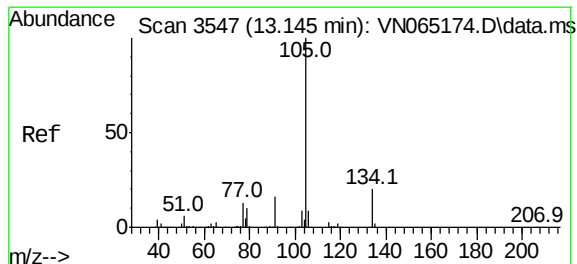
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#3493 (-)
1,2,4-Trimethylbenzene
Concen: 17.91 ug/l
RT: 13.013 min Scan# 3506
Delta R.T. 0.000 min
Lab File: VN065174.D
Acq: 21 Dec 2020 11:44

Tgt Ion:	105	Resp:	146138
Ion Ratio	Lower	Upper	
105	100		
120	45.3	0.0	88.6



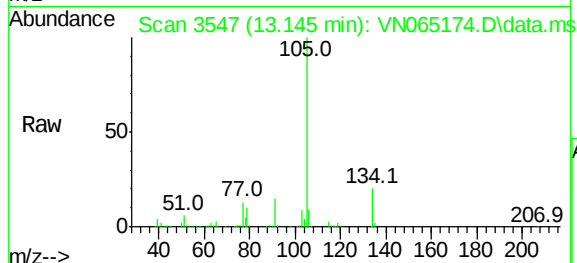


#333 (-)
 sec-Butylbenzene
 Concen: 18.16 ug/l
 RT: 13.145 min Scan# 3547
 Delta R.T. 0.000 min
 Lab File: VN065174.D
 Acq: 21 Dec 2020 11:44

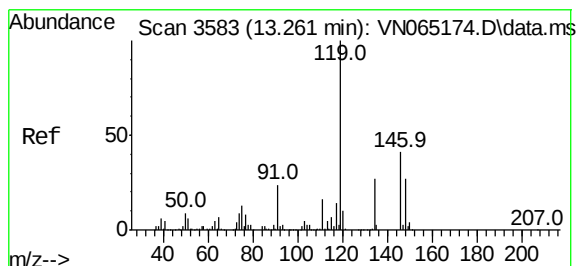
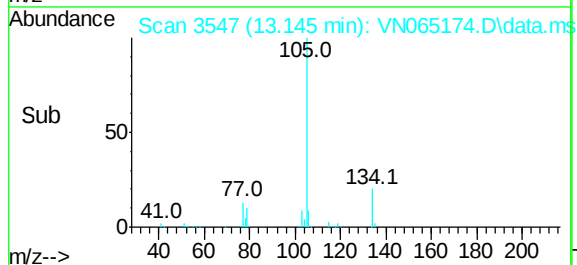
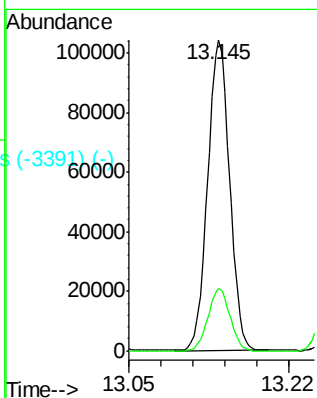
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

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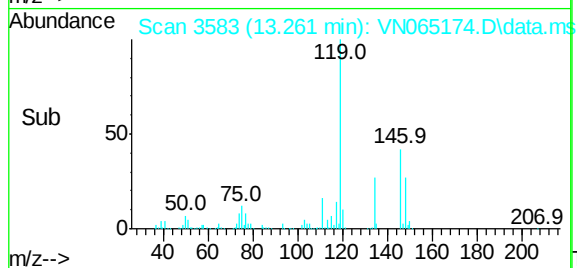
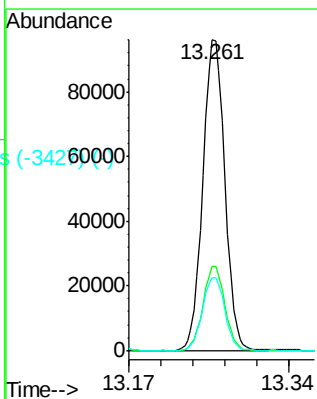
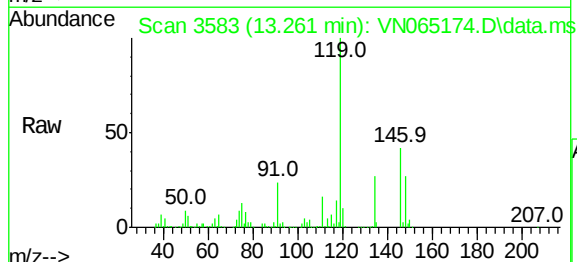


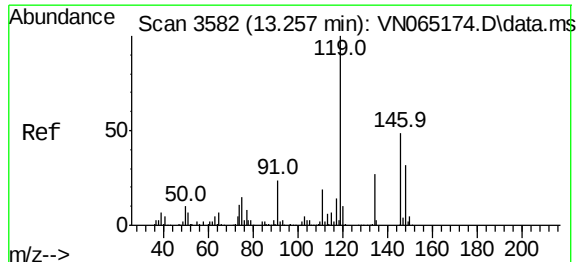
Tgt Ion:105 Resp: 163976
 Ion Ratio Lower Upper
 105 100
 134 20.0 0.0 37.8



#3371 (-)
 p-Isopropyltoluene
 Concen: 17.79 ug/l
 RT: 13.261 min Scan# 3583
 Delta R.T. 0.000 min
 Lab File: VN065174.D
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Tgt Ion:119 Resp: 151577
 Ion Ratio Lower Upper
 119 100
 134 26.8 0.0 53.0
 91 23.9 0.0 53.2





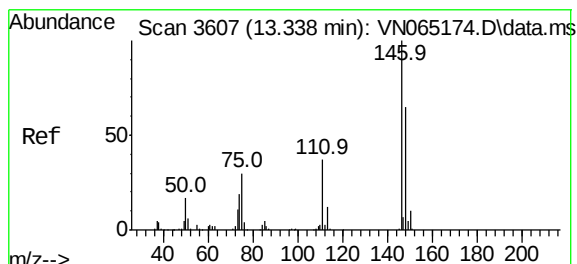
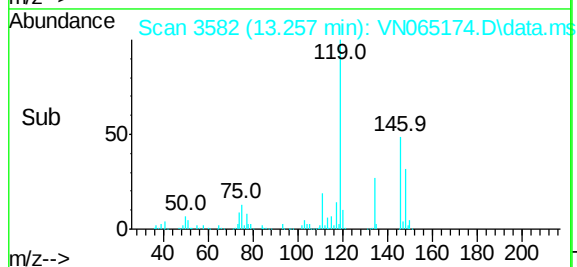
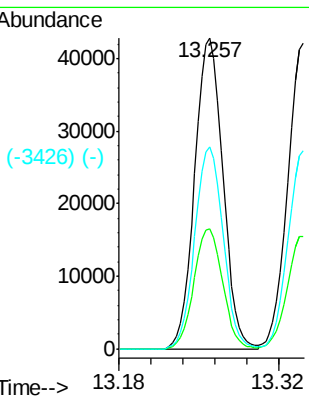
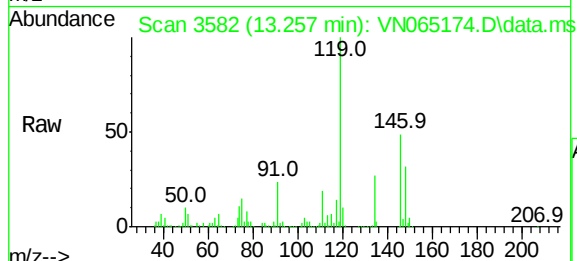
Scan 3582 (13.257 min): VN065174.D\data.ms
 #3582 (-)
 1,3-Dichlorobenzene
 Concen: 16.51 ug/l
 RT: 13.257 min Scan# 3582
 Delta R.T. 0.000 min
 Lab File: VN065174.D
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Tgt Ion:	146	Resp:	72375
Ion	Ratio	Lower	Upper
146	100		
111	39.0	22.3	66.9
148	65.2	31.8	95.3

Instrument :
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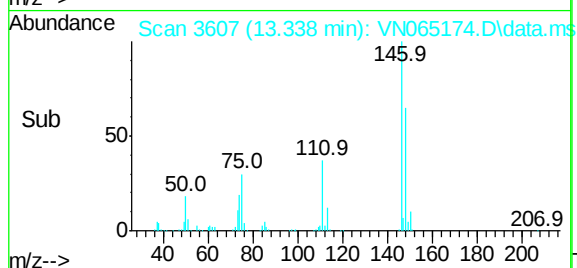
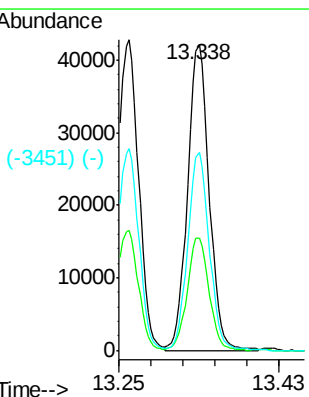
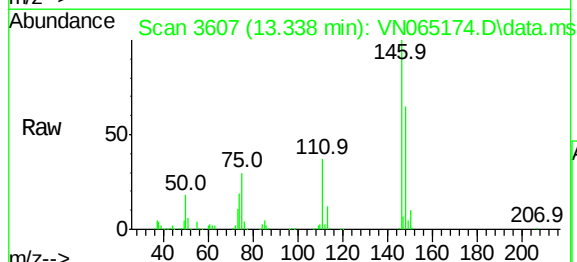
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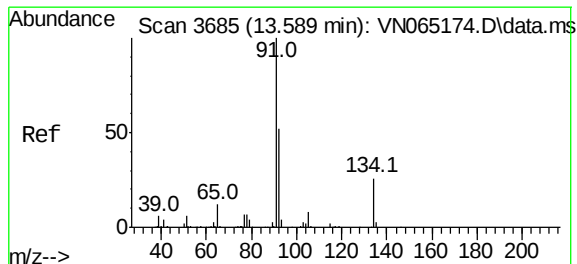
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Scan 3607 (13.338 min): VN065174.D\data.ms
 #3607 (-)
 1,4-Dichlorobenzene
 Concen: 15.62 ug/l
 RT: 13.338 min Scan# 3607
 Delta R.T. 0.000 min
 Lab File: VN065174.D
 Acq: 21 Dec 2020 11:44

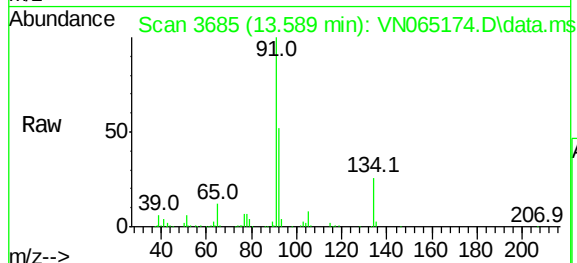
Tgt Ion:	146	Resp:	71986
Ion	Ratio	Lower	Upper
146	100		
111	37.2	21.8	65.4
148	63.4	31.5	94.5





#3672 (-)
n-Butylbenzene
Concen: 17.13 ug/l
RT: 13.589 min Scan# 3685
Delta R.T. 0.000 min
Lab File: VN065174.D
Acq: 21 Dec 2020 11:44

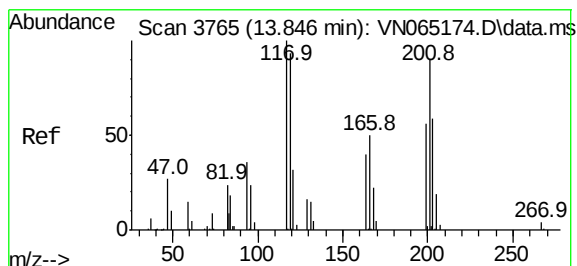
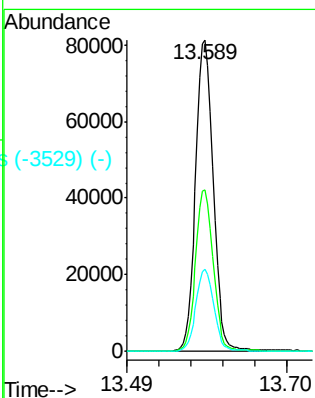
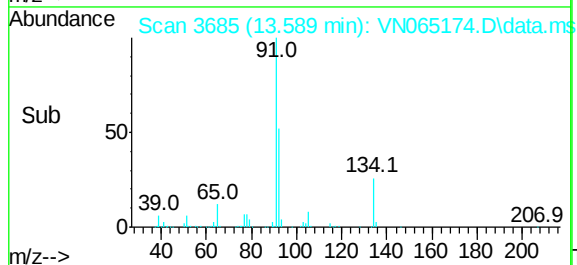
Instrument :
MSVOA_N
ClientSampleId :
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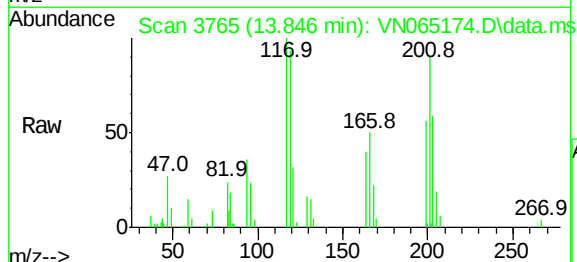
Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.8	0.0	101.4
134	26.4	0.0	45.2

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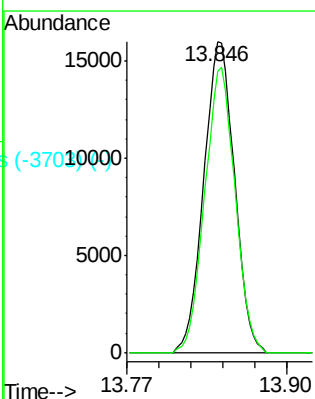
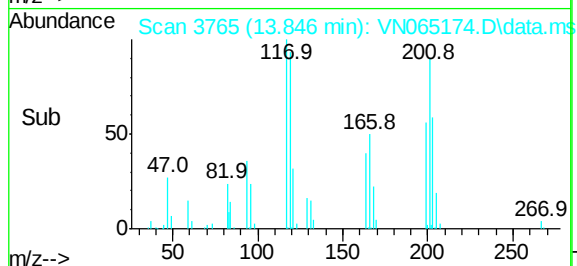
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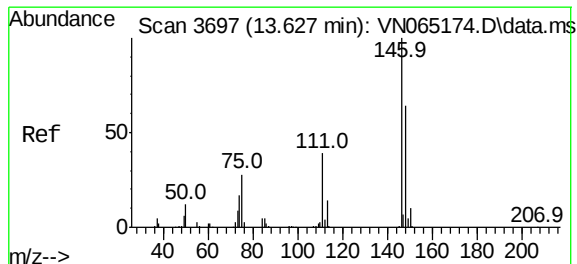


#3674 (-)
Hexachloroethane
Concen: 16.52 ug/l
RT: 13.846 min Scan# 3765
Delta R.T. 0.000 min
Lab File: VN065174.D
Acq: 21 Dec 2020 11:44



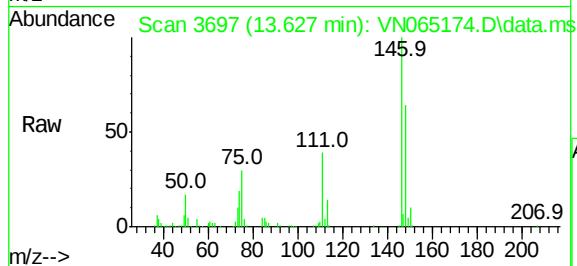
Tgt Ion	Ratio	Lower	Upper
117	100		
201	90.6	33.1	99.3





Scan 3697 (13.627 min): VN065174.D\data.ms (#3697) (-)
 1,2-Dichlorobenzene
 Concen: 15.69 ug/l
 RT: 13.627 min Scan# 3697
 Delta R.T. 0.000 min
 Lab File: VN065174.D
 Acq: 21 Dec 2020 11:44

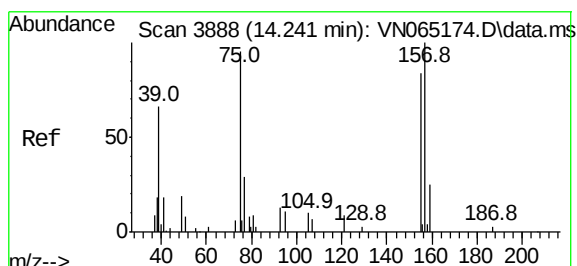
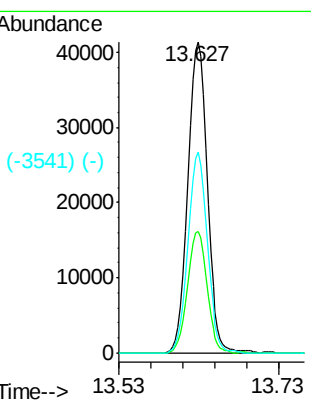
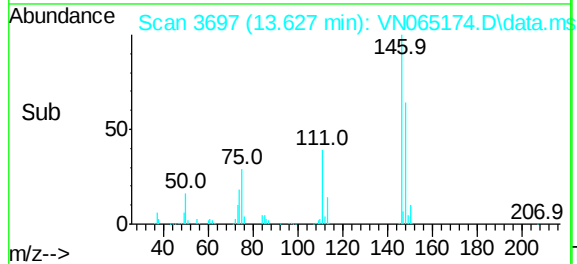
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 MSVOA_N
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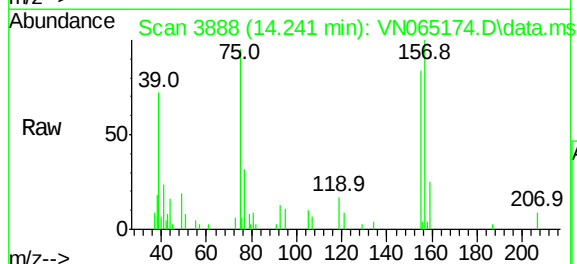
Tgt Ion: 146 Resp: 71325

Ion	Ratio	Lower	Upper
146	100		
111	39.0	23.1	69.2
148	64.0	32.6	97.8

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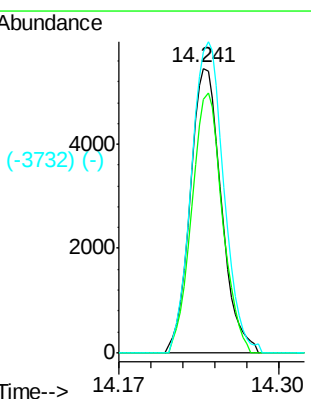
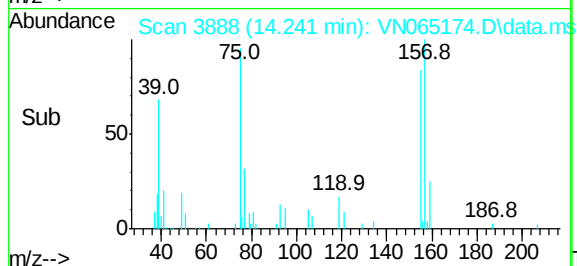


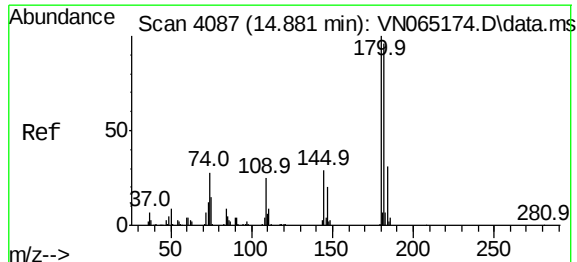
Scan 3888 (14.241 min): VN065174.D\data.ms (#3888) (-)
 1,2-Dibromo-3-Chloropropane
 Concen: 17.30 ug/l
 RT: 14.241 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VN065174.D
 Acq: 21 Dec 2020 11:44



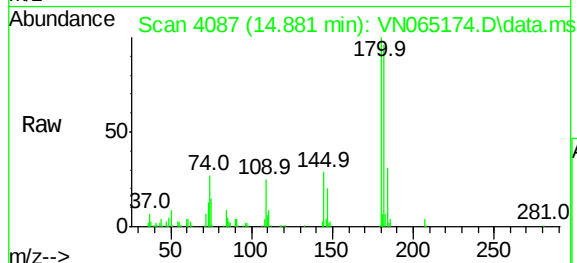
Tgt Ion: 75 Resp: 9532

Ion	Ratio	Lower	Upper
75	100		
155	89.7	56.5	84.7#
157	113.6	69.7	104.5#

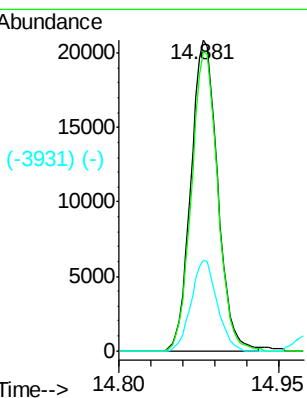
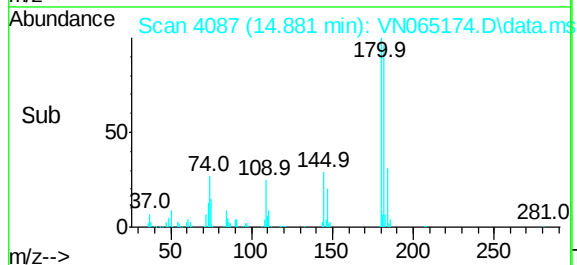




Scan 4087 (14.881 min): VN065174.D\data.ms (-3976) (-)
 1,2,4-Trichlorobenzene
 Concen: 16.89 ug/l
 RT: 14.881 min Scan# 4087
 Delta R.T. 0.000 min
 Lab File: VN065174.D
 Acq: 21 Dec 2020 11:44



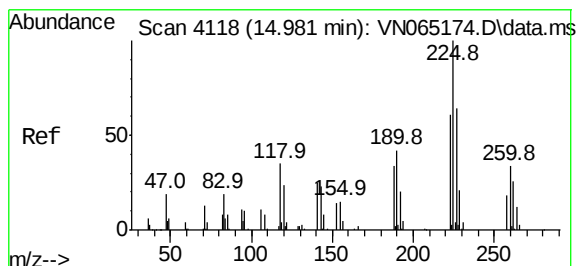
Tgt Ion:	180	Resp:	35829
Ion	Ratio	Lower	Upper
180	100		
182	94.5	79.4	119.0
145	28.3	27.6	41.4



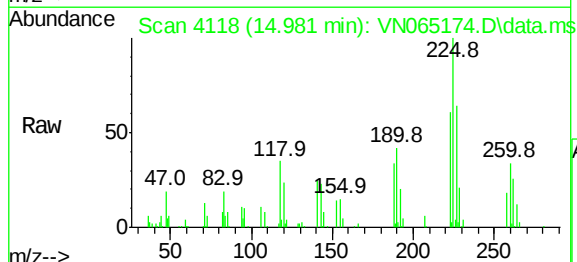
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

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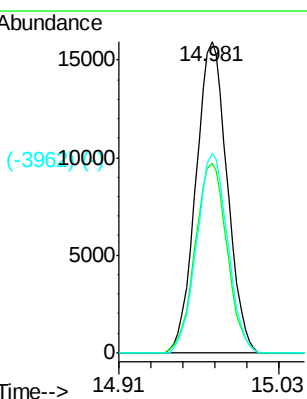
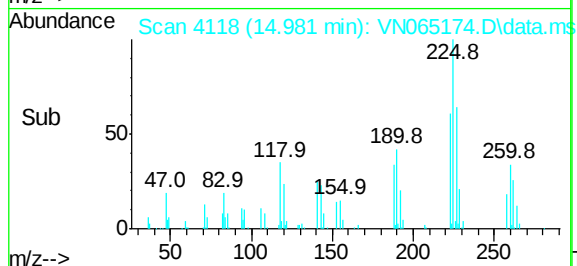
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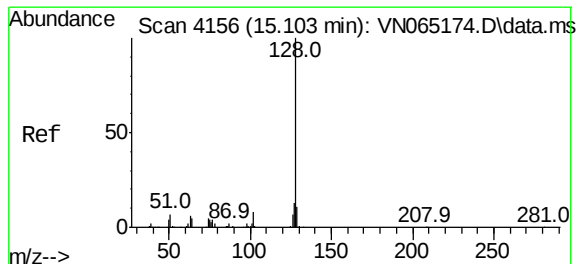


Scan 4118 (14.981 min): VN065174.D\data.ms (-3977) (-)
 Hexachlorobutadiene
 Concen: 19.35 ug/l
 RT: 14.981 min Scan# 4118
 Delta R.T. 0.000 min
 Lab File: VN065174.D
 Acq: 21 Dec 2020 11:44



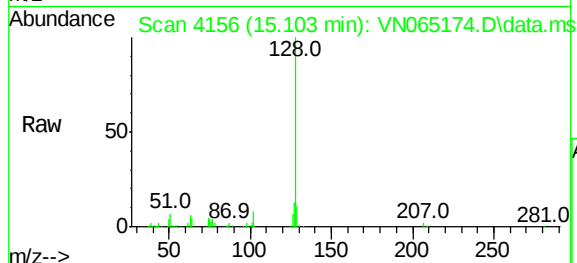
Tgt Ion:	225	Resp:	26342
Ion	Ratio	Lower	Upper
225	100		
223	61.8	0.0	125.4
227	63.4	0.0	122.0





#9143 (-)
Naphthalene
Concen: 15.94 ug/l
RT: 15.103 min Scan# 4156
Delta R.T. 0.000 min
Lab File: VN065174.D
Acq: 21 Dec 2020 11:44

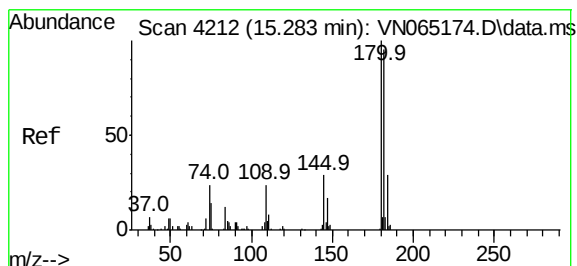
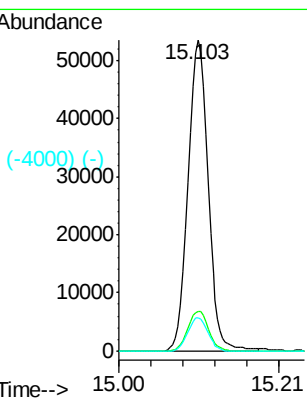
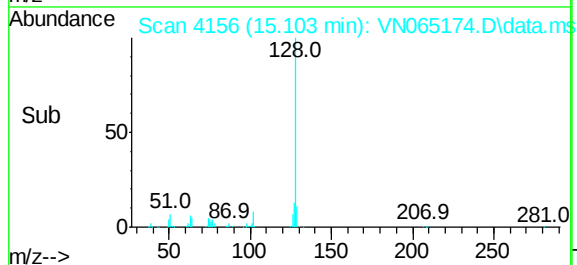
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



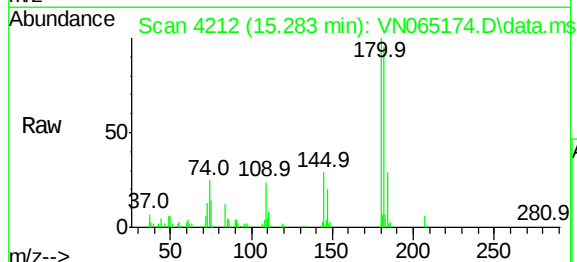
Tgt Ion:	128	Resp:	95011
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.2	15.4
129	10.6	8.5	12.7

Manual Integrations
APPROVED

MMDadoda
12/22/2020 10:18:52 AM



#9200 (-)
1,2,3-Trichlorobenzene
Concen: 16.96 ug/l
RT: 15.283 min Scan# 4212
Delta R.T. 0.000 min
Lab File: VN065174.D
Acq: 21 Dec 2020 11:44



Tgt Ion:	180	Resp:	33905
Ion Ratio	Lower	Upper	
180	100		
182	95.9	0.0	186.0
145	30.1	0.0	69.6

