

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121520\
 Data File : VN065146.D
 Acq On : 15 Dec 2020 16:42
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN121520

Manual Integrations
 APPROVED

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 12/16/2020 1:47:33 PM

Quant Time: Dec 16 07:16:17 2020
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N121520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Dec 15 15:18:54 2020
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.148	128	112904	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.547	114	611484	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.380	117	548930	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.984	65	233193	30.17	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 100.57%			
60) 4-Bromofluorobenzene	12.373	95	254832	29.55	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 98.50%			
63) Toluene-d8	10.058	98	760660	28.71	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 95.70%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.833	85	123029	19.22	ug/l	99
3) Chloromethane	2.036	50	142623	19.34	ug/l	99
4) Vinyl Chloride	2.165	62	153425	18.89	ug/l	99
5) Bromomethane	2.534	94	107301	18.82	ug/l	95
6) Chloroethane	2.673	64	93223	19.26	ug/l	99
7) Trichlorofluoromethane	2.988	101	218281	18.17	ug/l	97
8) Diethyl Ether	3.373	74	74516	19.41	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.717	101	123763	19.95	ug/l	47
10) 1,1-Dichloroethene	3.698	96	115375	19.17	ug/l	86
11) Methyl Iodide	3.907	142	153967	18.41	ug/l	89
12) Methyl Acetate	4.277	43	106018	19.36	ug/l #	88
13) Acrolein	3.566	56	75210	97.09	ug/l	96
14) Acrylonitrile	4.926	53	261632	97.47	ug/l	98
15) Acetone	3.772	58	94822m	112.52	ug/l	
16) Carbon Disulfide	4.010	76	339987	19.21	ug/l	100
17) Allyl chloride	4.277	41	178794	20.51	ug/l	88
18) Methylene Chloride	4.502	84	133661	18.88	ug/l	92
19) trans-1,2-Dichloroethene	4.988	96	127203	19.45	ug/l	89
20) Diisopropyl ether	5.901	45	380318	17.69	ug/l #	93
21) 1,1-Dichloroethane	5.798	63	225435	17.38	ug/l	97
22) cis-1,2-Dichloroethene	6.778	96	142396	19.33	ug/l	85
23) tert-Butyl Alcohol	4.727	59	83404	96.11	ug/l #	100
24) Methyl tert-Butyl Ether	4.984	73	360048	19.75	ug/l #	85
25) Chloroform	7.325	83	233609	19.05	ug/l	96
26) Cyclohexane	7.611	56	185712	19.59	ug/l #	91
29) 1,1-Dichloropropene	7.750	75	175796	18.27	ug/l	97
30) 2-Butanone	6.778	43	354458	95.21	ug/l #	70
31) 2,2-Dichloropropane	6.772	77	196393	18.44	ug/l	94
32) 1,1,1-Trichloroethane	7.524	97	205769	17.98	ug/l	95
33) Carbon Tetrachloride	7.730	117	186658	18.06	ug/l	98
34) Benzene	8.000	78	533196	18.33	ug/l #	93
35) Methacrylonitrile	7.126	41	60017m	16.47	ug/l	
36) 1,2-Dichloroethane	8.084	62	176800	17.74	ug/l #	94
37) Trichloroethene	8.801	130	147407	18.58	ug/l	88
38) Methylcyclohexane	9.045	83	195076	16.99	ug/l	93
39) 1,2-Dichloropropane	9.081	63	138871	17.77	ug/l	98
40) Dibromomethane	9.171	93	90655	16.55	ug/l	89
41) Bromodichloromethane	9.367	83	182351	16.38	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Vinyl Acetate	5.840	43	1502624	84.66	ug/l #	95
43) Ethyl Acetate	6.878	43	138098	17.99	ug/l	97
44) Isopropyl Acetate	8.122	43	229242m	17.85	ug/l	
45) 1,4-Dioxane	9.161	88	41035	351.63	ug/l	93
46) Methyl methacrylate	9.164	41	110926m	16.98	ug/l	
47) n-amyl Acetate	12.042	43	189907	17.90	ug/l	95
48) t-1,3-Dichloropropene	10.351	75	195455	17.97	ug/l	98
49) cis-1,3-Dichloropropene	9.807	75	216713	17.54	ug/l #	84
50) 1,1,2-Trichloroethane	10.531	97	129572	18.23	ug/l	96
51) Ethyl methacrylate	10.399	69	167941	17.65	ug/l	82
52) 1,3-Dichloropropane	10.675	76	216948	18.40	ug/l	99
53) Dibromochloromethane	10.872	129	144393	17.53	ug/l	99
54) 1,2-Dibromoethane	10.974	107	129411	17.45	ug/l	100
55) 2-Chloroethyl vinyl ether	9.659	63	322556	66.92	ug/l	97
56) Bromoform	12.100	173	95642	17.08	ug/l #	95
58) 4-Methyl-2-Pentanone	9.949	43	711210	88.93	ug/l #	92
59) 2-Hexanone	10.720	43	518935	97.73	ug/l	90
61) Tetrachloroethene	10.601	164	155700	19.50	ug/l	90
62) Toluene	10.122	91	575901	18.93	ug/l	98
64) Chlorobenzene	11.402	112	357995	18.89	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.479	131	132586	18.43	ug/l	99
66) Ethyl Benzene	11.482	91	602746	18.70	ug/l	98
67) m/p-Xylenes	11.592	106	474711	37.82	ug/l	92
68) o-Xylene	11.920	106	223633	18.85	ug/l	96
69) Styrene	11.936	104	360580	18.27	ug/l	96
70) Isopropylbenzene	12.222	105	591527	19.08	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.476	83	164751	18.34	ug/l	97
72) 1,2,3-Trichloropropane	12.524	75	145858m	16.95	ug/l	
73) Bromobenzene	12.499	156	150967	18.75	ug/l	81
74) n-propylbenzene	12.563	91	670186	18.95	ug/l	96
75) 2-Chlorotoluene	12.646	91	404744	18.81	ug/l	94
76) 1,3,5-Trimethylbenzene	12.704	105	500744	18.72	ug/l	95
77) t-1,4-Dichloro-2-butene	12.273	75	51750	17.02	ug/l	94
78) 4-Chlorotoluene	12.746	91	411910	18.75	ug/l	95
79) tert-butylbenzene	12.968	119	400576	17.84	ug/l	93
80) 1,2,4-Trimethylbenzene	13.013	105	501377	18.90	ug/l	98
81) sec-Butylbenzene	13.145	105	546803	18.77	ug/l	97
82) p-Isopropyltoluene	13.261	119	502739	18.36	ug/l	96
83) 1,3-Dichlorobenzene	13.254	146	254355	17.74	ug/l	97
84) 1,4-Dichlorobenzene	13.338	146	245658	16.36	ug/l	97
85) n-Butylbenzene	13.588	91	404284	16.73	ug/l	96
86) Hexachloroethane	13.846	117	85303	16.21	ug/l	87
87) 1,2-Dichlorobenzene	13.627	146	249066	16.74	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.244	75	29229	16.68	ug/l #	82
89) 1,2,4-Trichlorobenzene	14.881	180	102377	15.28	ug/l	97
90) Hexachlorobutadiene	14.981	225	69111	16.34	ug/l	97
91) Naphthalene	15.103	128	281823	14.91	ug/l	100
92) 1,2,3-Trichlorobenzene	15.283	180	98112	15.55	ug/l	98

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

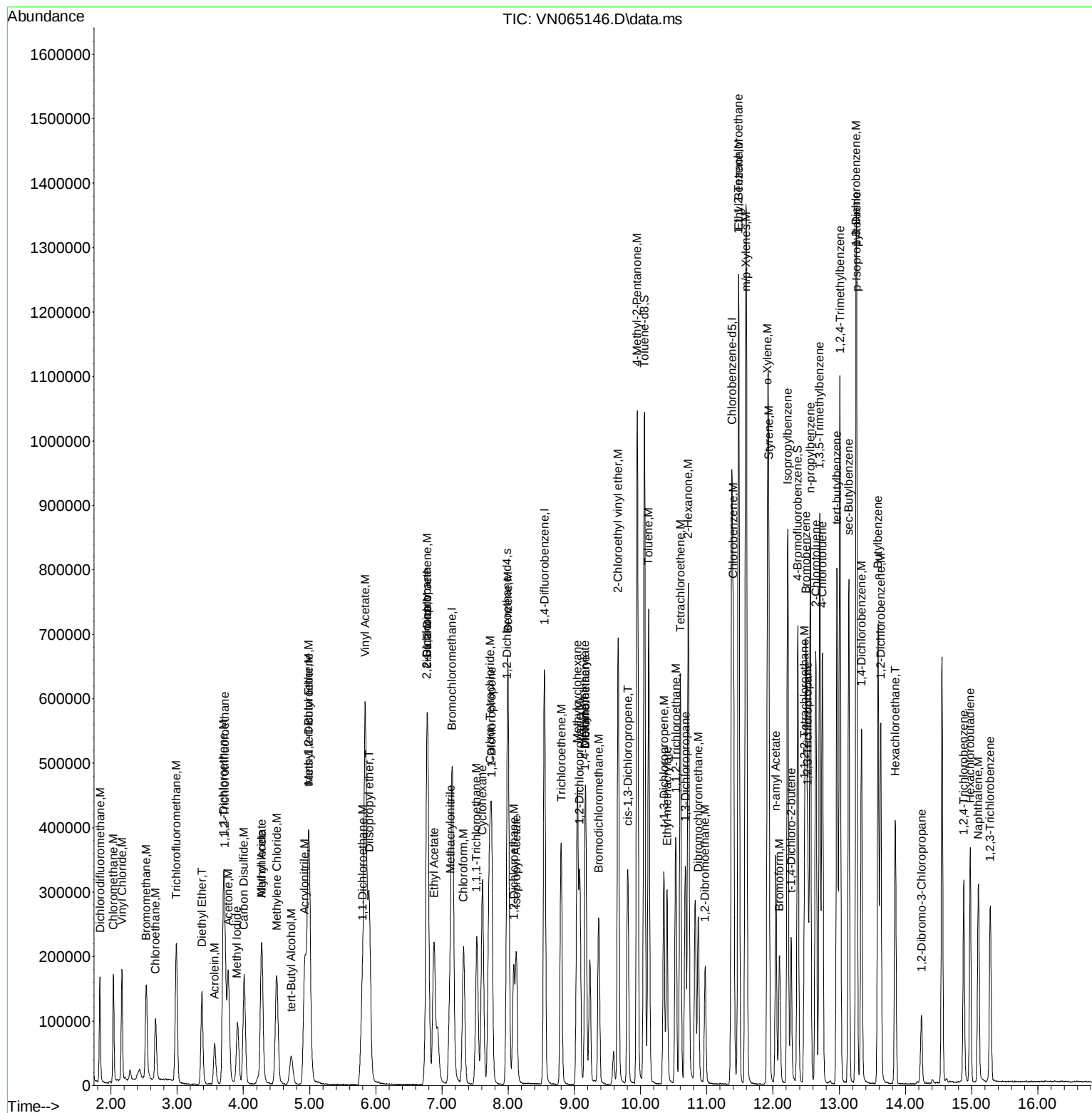
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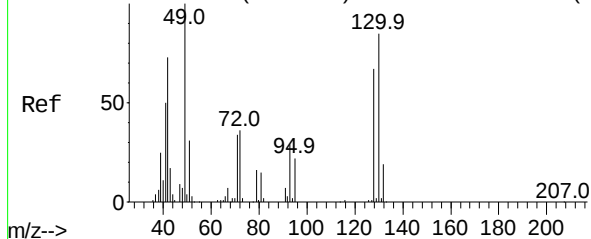
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Abundance Scan 1682 (7.148 min): VN065141.D\data.ms (-1662) (-)



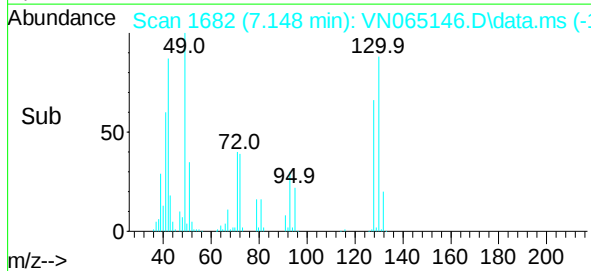
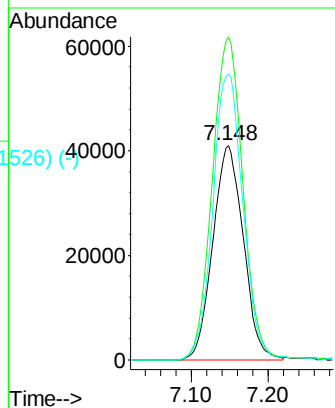
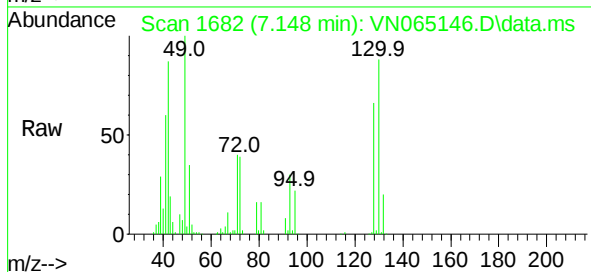
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.148 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN065146.D
Acq: 15 Dec 2020 16:42

Tgt Ion:	128	Resp:	112904
Ion	Ratio	Lower	Upper
128	100		
49	150.9	0.0	475.5
130	132.0	0.0	315.3

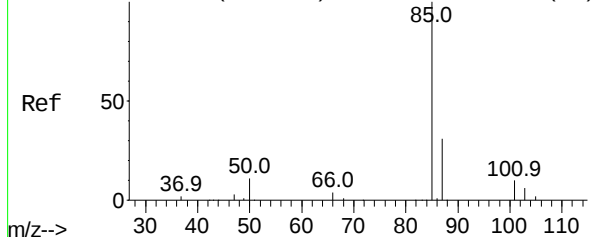
Instrument :
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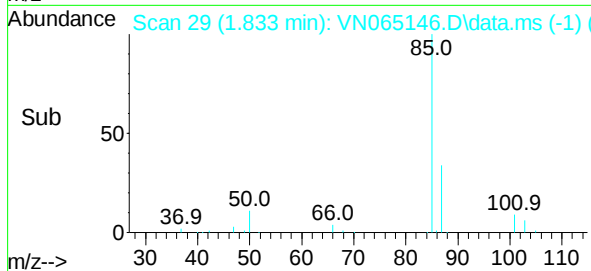
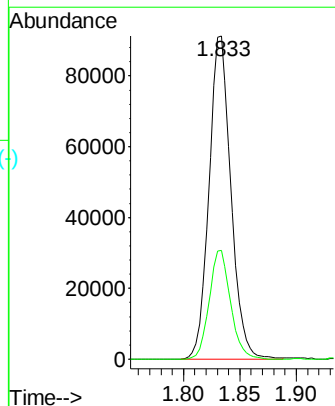
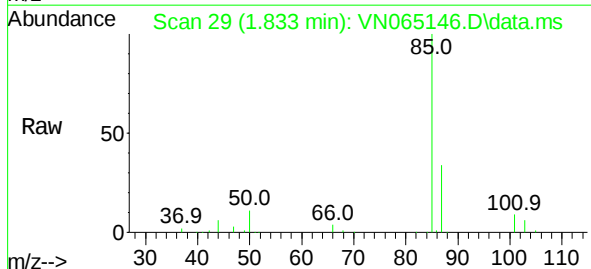


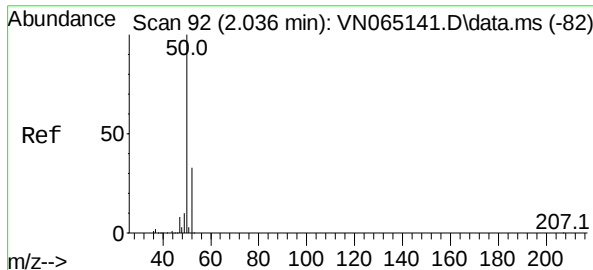
Abundance Scan 29 (1.833 min): VN065141.D\data.ms (-19) (#2)



Dichlorodifluoromethane
Concen: 19.22 ug/l
RT: 1.833 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN065146.D
Acq: 15 Dec 2020 16:42

Tgt Ion:	85	Resp:	123029
Ion	Ratio	Lower	Upper
85	100		
87	33.6	17.0	50.9





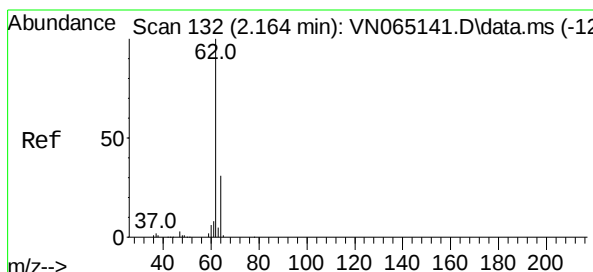
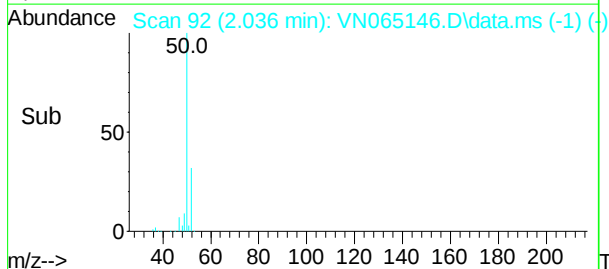
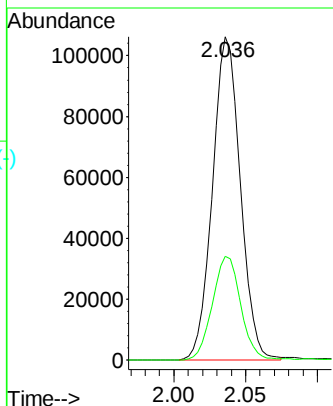
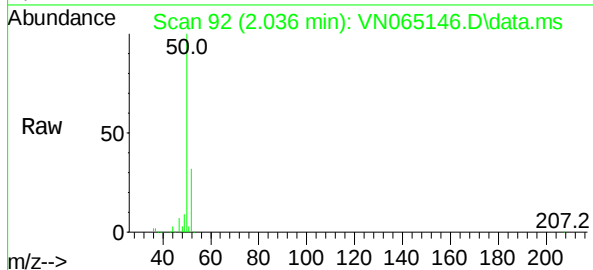
Chloromethane
Concen: 19.34 ug/l
RT: 2.036 min Scan# 92
Delta R.T. 0.000 min
Lab File: VN065146.D
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Tgt Ion: 50 Resp: 142623
Ion Ratio Lower Upper
50 100
52 32.0 26.0 39.0

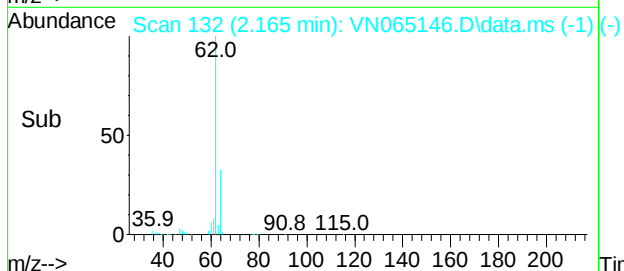
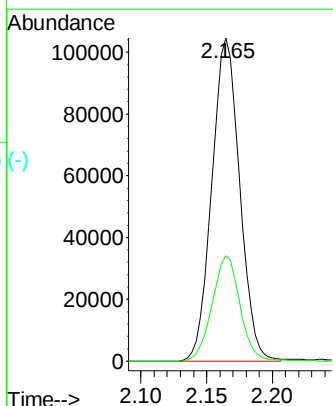
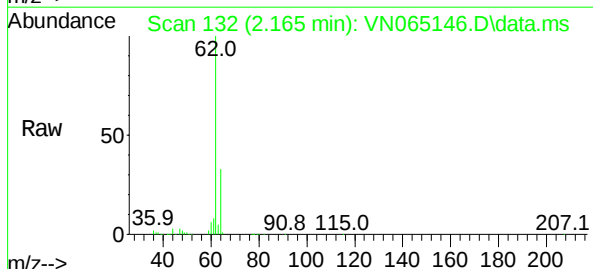
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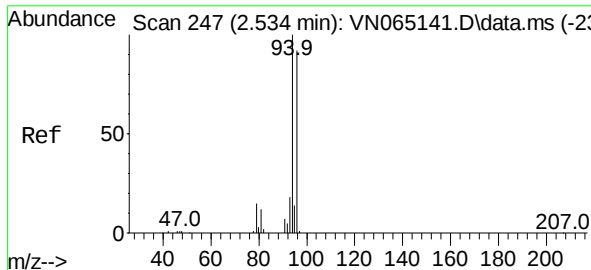
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Vinyl Chloride
Concen: 18.89 ug/l
RT: 2.165 min Scan# 132
Delta R.T. 0.000 min
Lab File: VN065146.D
Acq: 15 Dec 2020 16:42

Tgt Ion: 62 Resp: 153425
Ion Ratio Lower Upper
62 100
64 32.7 25.8 38.8





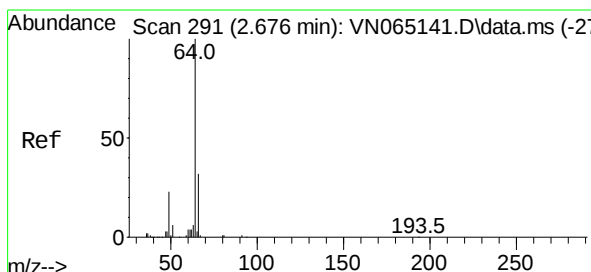
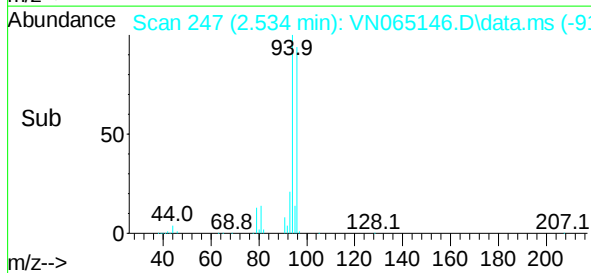
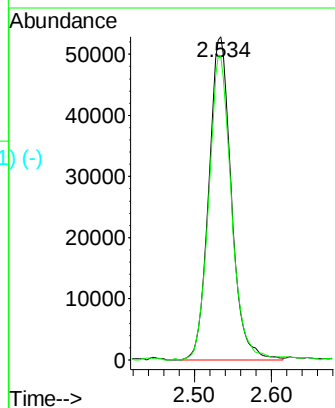
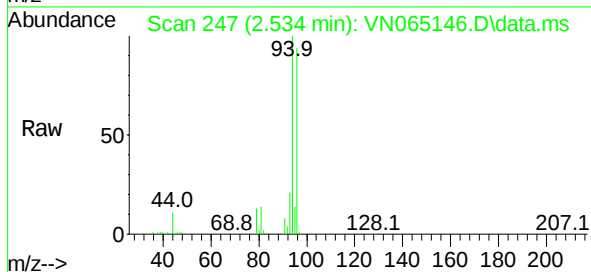
Bromomethane
Concen: 18.82 ug/l
RT: 2.534 min Scan# 247
Delta R.T. 0.000 min
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Tgt Ion: 94 Resp: 107301
Ion Ratio Lower Upper
94 100
96 93.8 79.3 118.9

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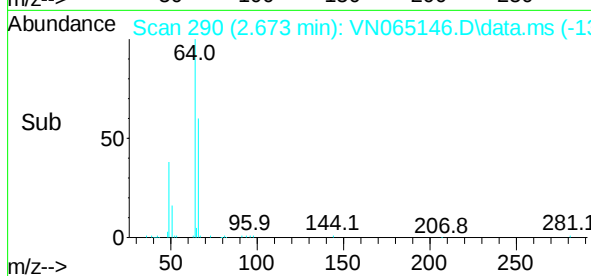
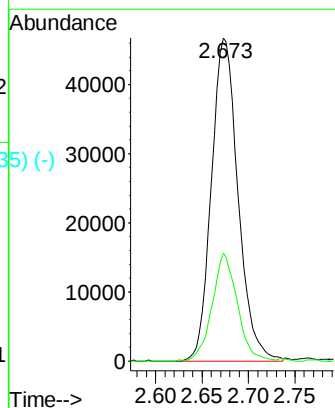
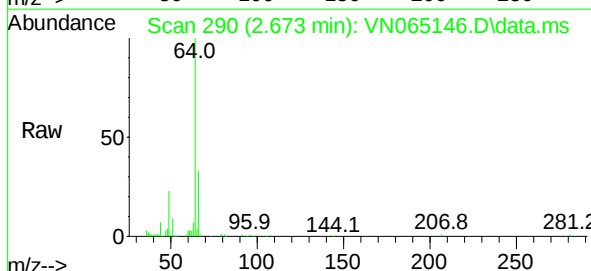
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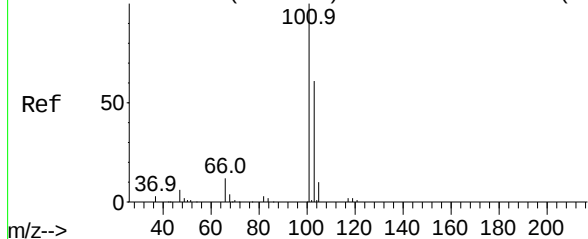


Chloroethane
Concen: 19.26 ug/l
RT: 2.673 min Scan# 290
Delta R.T. -0.003 min
Lab File: VN065146.D
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Tgt Ion: 64 Resp: 93223
Ion Ratio Lower Upper
64 100
66 33.1 26.0 39.0



Abundance Scan 388 (2.988 min): VN065141.D\data.ms (-371)#7



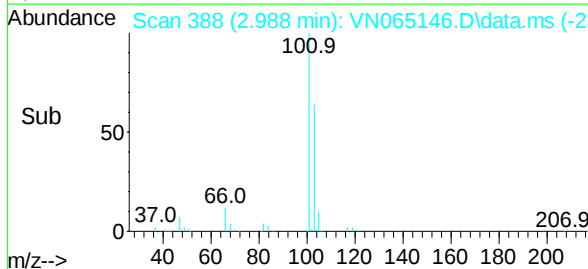
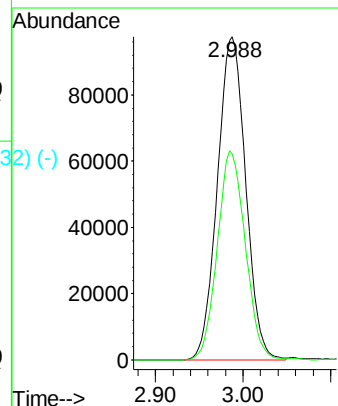
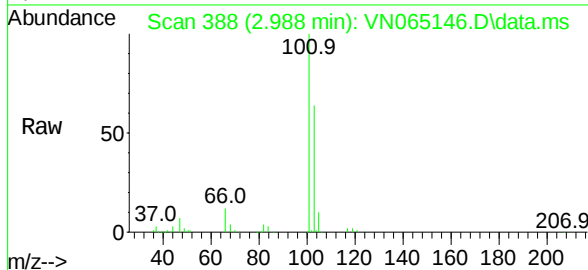
Trichlorofluoromethane
Concen: 18.17 ug/l
RT: 2.988 min Scan# 388
Delta R.T. 0.000 min
Lab File: VN065146.D
Acq: 15 Dec 2020 16:42

Tgt Ion: 101 Resp: 218281
Ion Ratio Lower Upper
101 100
103 63.8 49.3 73.9

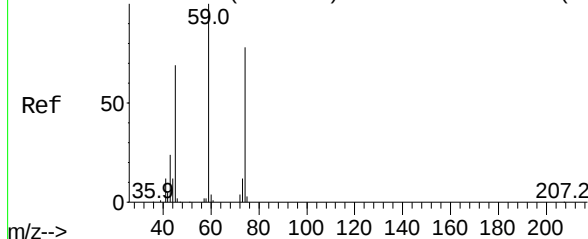
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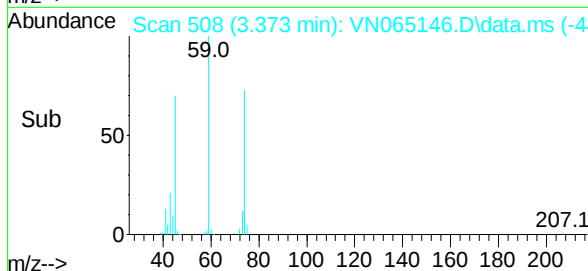
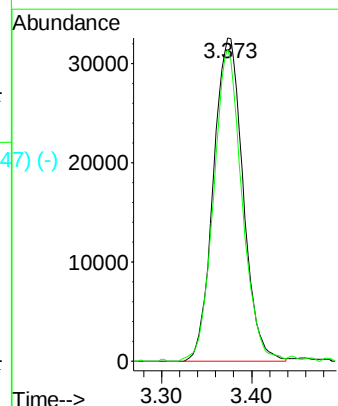
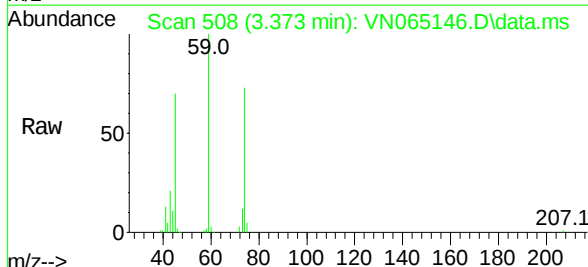


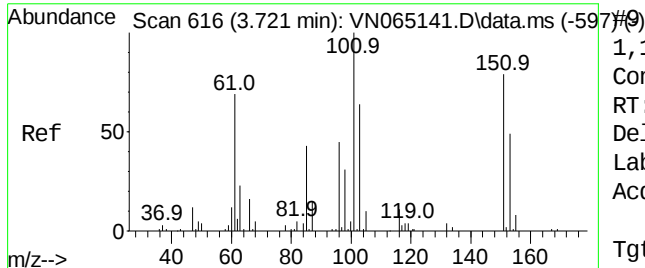
Abundance Scan 509 (3.377 min): VN065141.D\data.ms (-494)#8



Diethyl Ether
Concen: 19.41 ug/l
RT: 3.373 min Scan# 508
Delta R.T. -0.003 min
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Tgt Ion: 74 Resp: 74516
Ion Ratio Lower Upper
74 100
45 92.3 22.1 198.5





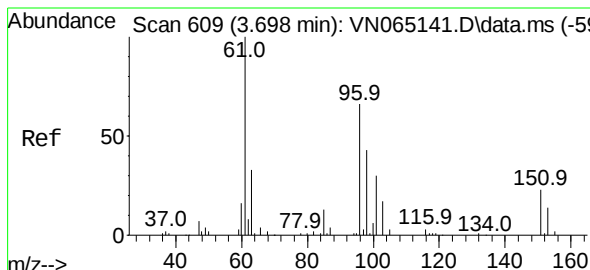
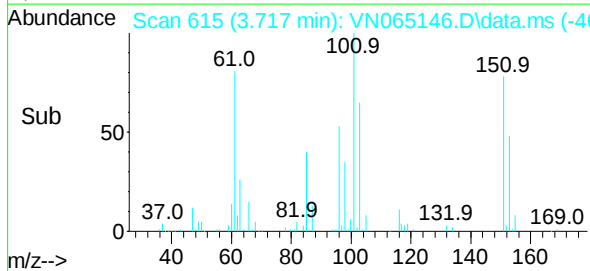
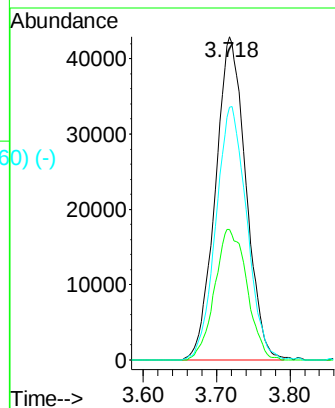
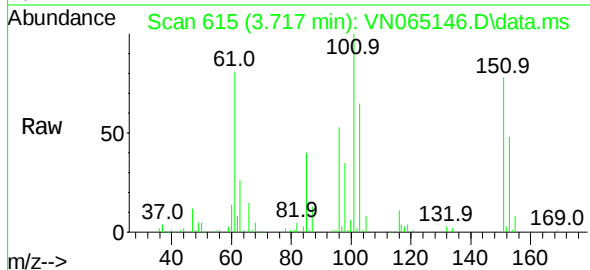
1,1,2-Trichlorotrifluoroethane
 Concen: 19.95 ug/l
 RT: 3.717 min Scan# 615
 Delta R.T. -0.003 min
 Lab File: VN065146.D
 Acq: 15 Dec 2020 16:42

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 MSVOA_N
 ClientSampleId :
 ICVVN121520

Tgt Ion	Ratio	Lower	Upper
101	100		
85	42.5	0.0	49.0
151	79.4	0.0	80.2

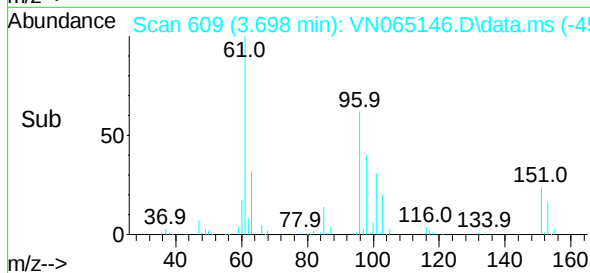
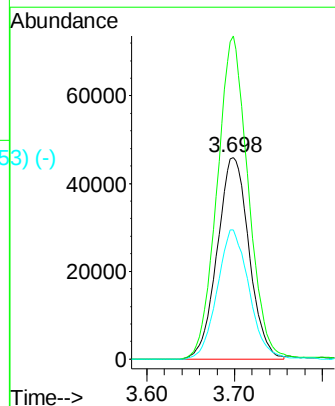
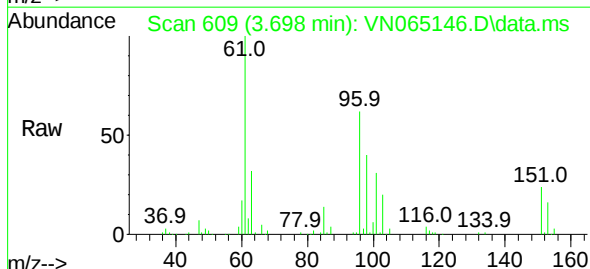
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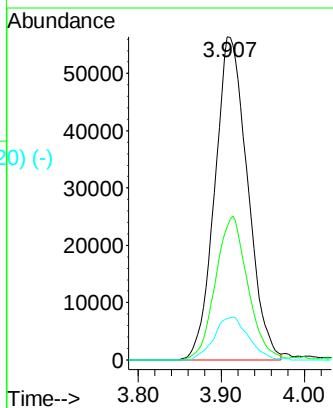
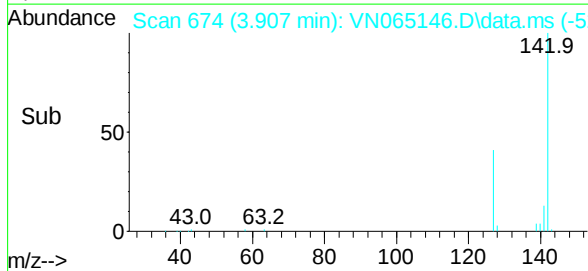
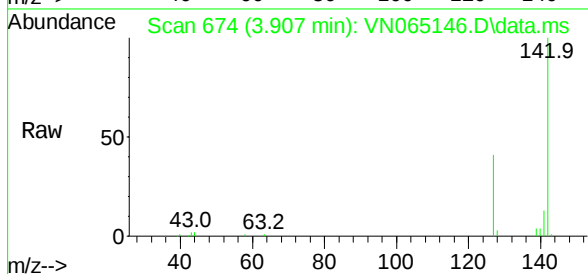
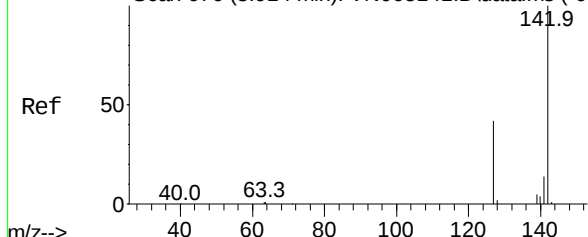
1,1-Dichloroethene
 Concen: 19.17 ug/l
 RT: 3.698 min Scan# 609
 Delta R.T. 0.000 min
 Lab File: VN065146.D
 Acq: 15 Dec 2020 16:42

Tgt Ion	Ratio	Lower	Upper
96	100		
61	159.8	149.2	223.8
98	64.0	49.6	74.4



Abundance Scan 676 (3.914 min): VN065141.D\data.ms (-657) #11

Methyl Iodide
Concen: 18.41 ug/l
RT: 3.907 min Scan# 674
Delta R.T. -0.006 min
Lab File: VN065146.D
Acq: 15 Dec 2020 16:42



Tgt Ion	Ratio	Lower	Upper
142	100		
127	41.1	24.7	74.1
141	12.7	7.8	23.3

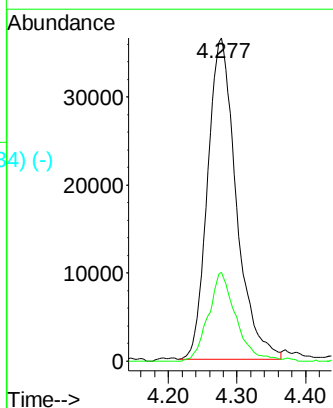
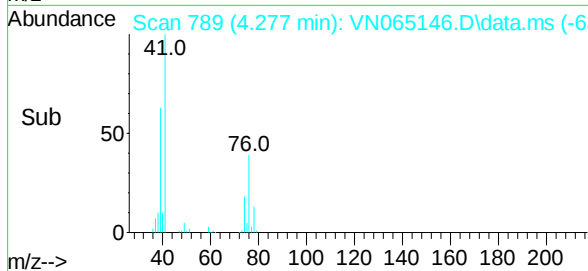
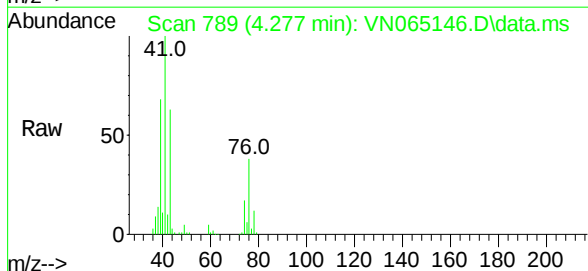
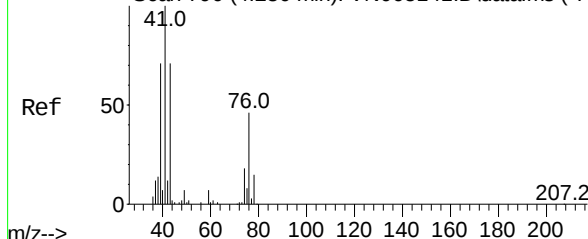
Instrument :
MSVOA_N
ClientSampled :
ICVVN121520

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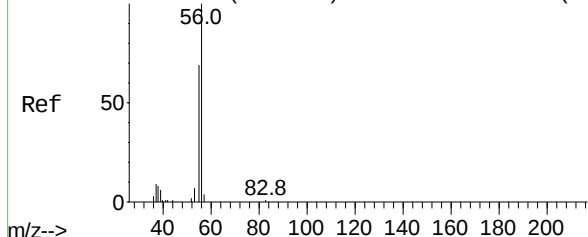
Abundance Scan 790 (4.280 min): VN065141.D\data.ms (-770) #12

Methyl Acetate
Concen: 19.36 ug/l
RT: 4.277 min Scan# 789
Delta R.T. -0.003 min
Lab File: VN065146.D
Acq: 15 Dec 2020 16:42



Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.6	17.7	26.5#

Abundance Scan 568 (3.566 min): VN065141.D\data.ms (-553) #13



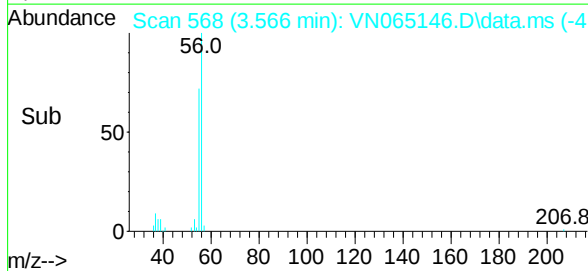
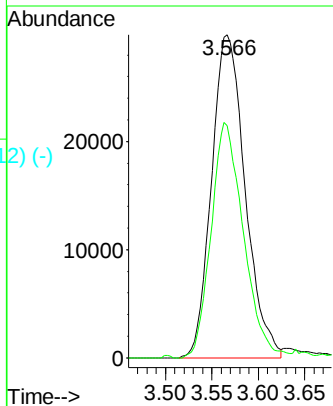
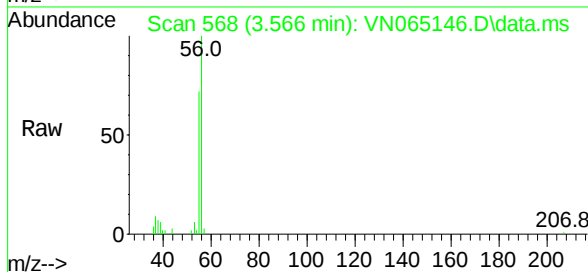
Acrolein
Concen: 97.09 ug/l
RT: 3.566 min Scan# 568
Delta R.T. 0.000 min
Lab File: VN065146.D
Acq: 15 Dec 2020 16:42

Instrument :
MSVOA_N
ClientSampleId :
ICVVN121520

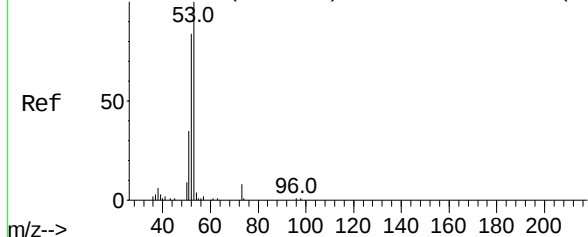
Tgt Ion:	56	Resp:	75210
Ion	Ratio	Lower	Upper
56	100		
55	69.5	58.2	87.2

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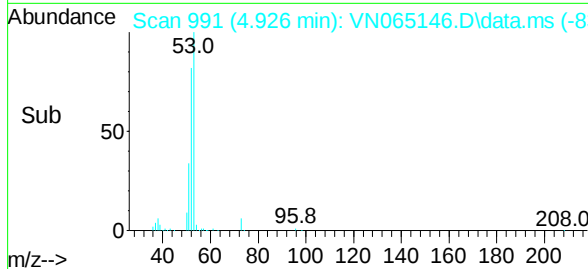
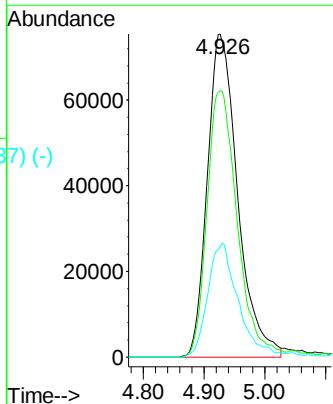
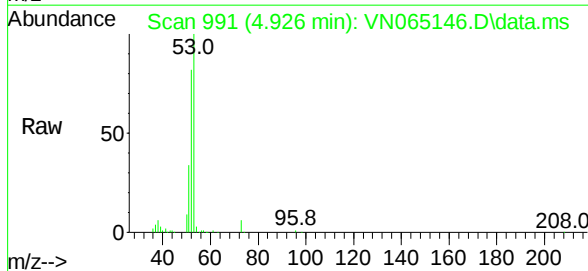


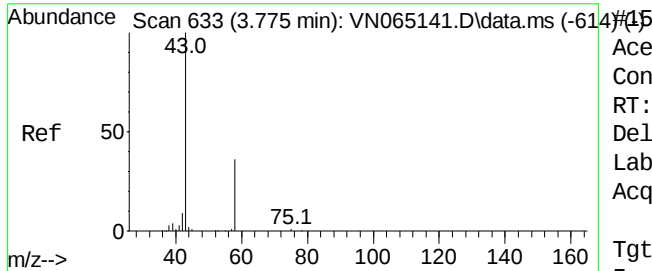
Abundance Scan 991 (4.926 min): VN065141.D\data.ms (-971) #14



Acrylonitrile
Concen: 97.47 ug/l
RT: 4.926 min Scan# 991
Delta R.T. -0.006 min
Lab File: VN065146.D
Acq: 15 Dec 2020 16:42

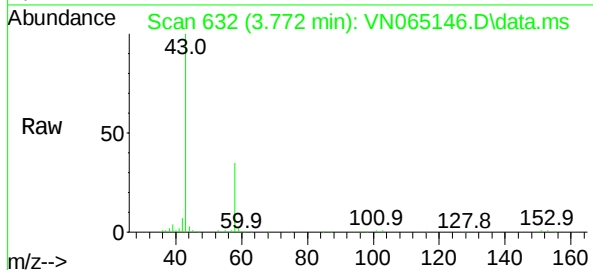
Tgt Ion:	53	Resp:	261632
Ion	Ratio	Lower	Upper
53	100		
52	82.1	41.3	124.1
51	34.3	18.9	56.5





Acetone
Concen: 112.52 ug/l m
RT: 3.772 min Scan# 632
Delta R.T. -0.003 min
Lab File: VN065146.D
Acq: 15 Dec 2020 16:42

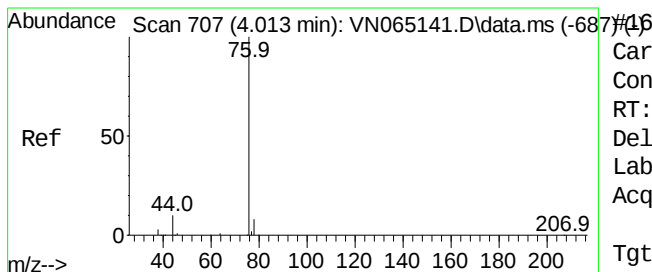
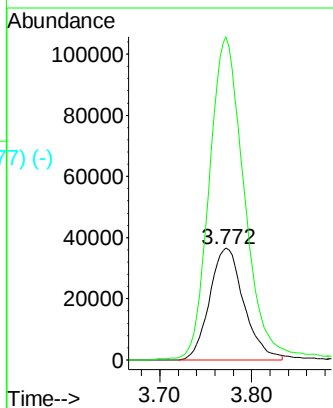
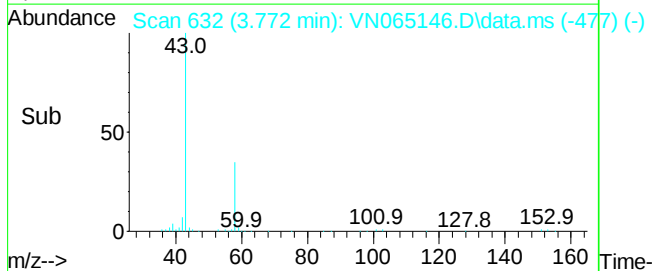
Instrument :
MSVOA_N
ClientSampleId :
ICVVN121520



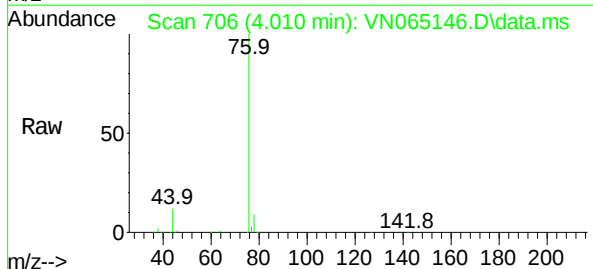
Tgt Ion: 58 Resp: 94822
Ion Ratio Lower Upper
58 100
43 289.3 289.8 434.8#

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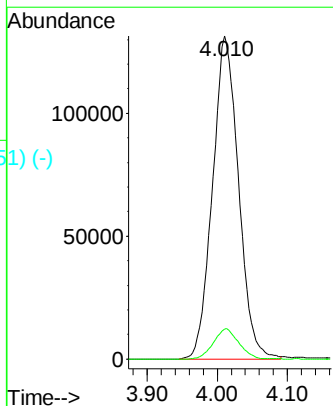
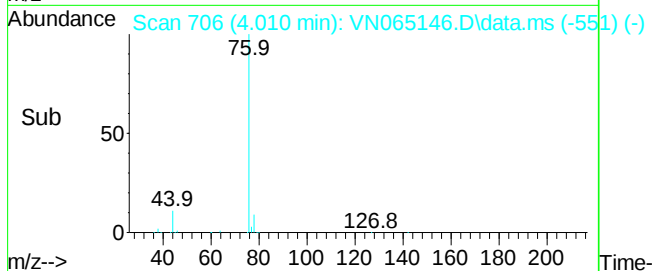
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Carbon Disulfide
Concen: 19.21 ug/l
RT: 4.010 min Scan# 706
Delta R.T. -0.003 min
Lab File: VN065146.D
Acq: 15 Dec 2020 16:42



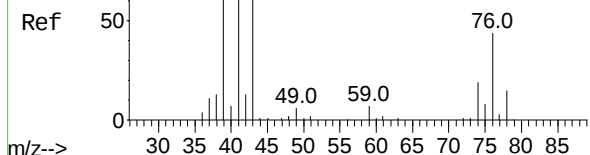
Tgt Ion: 76 Resp: 339987
Ion Ratio Lower Upper
76 100
78 9.3 7.6 11.4



Abundance Scan 789 (4.277 min): VN065141.D\data.ms (-776) #17

Allyl chloride
Concen: 20.51 ug/l
RT: 4.277 min Scan# 789
Delta R.T. 0.000 min
Lab File: VN065146.D
Acq: 15 Dec 2020 16:42

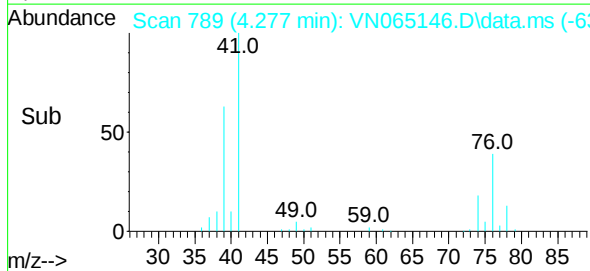
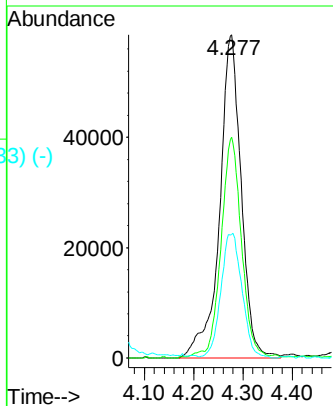
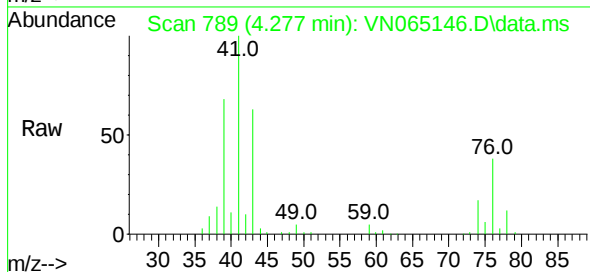
Instrument :
MSVOA_N
ClientSampleId :
ICVVN121520



Tgt Ion:	41	Resp:	178794
Ion	Ratio	Lower	Upper
41	100		
39	68.0	40.3	120.8
76	37.9	16.8	50.3

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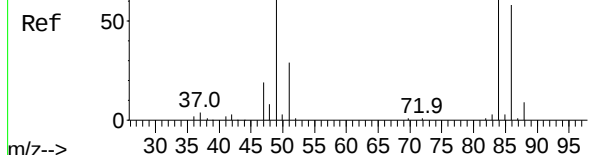
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Abundance Scan 861 (4.508 min): VN065141.D\data.ms (-840) #18

Methylene Chloride
Concen: 18.88 ug/l
RT: 4.502 min Scan# 859
Delta R.T. -0.006 min
Lab File: VN065146.D
Acq: 15 Dec 2020 16:42

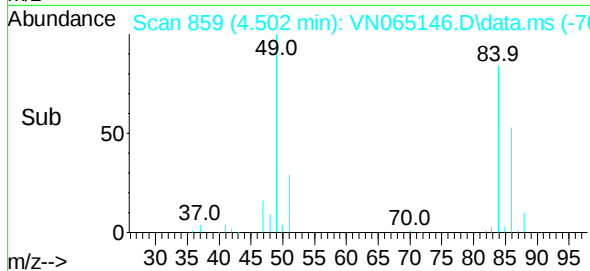
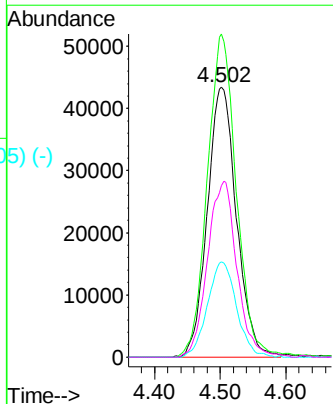
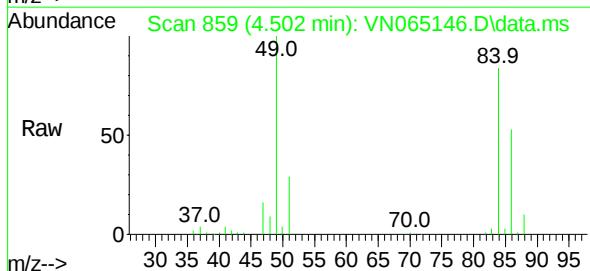
Instrument :
MSVOA_N
ClientSampleId :
ICVVN121520



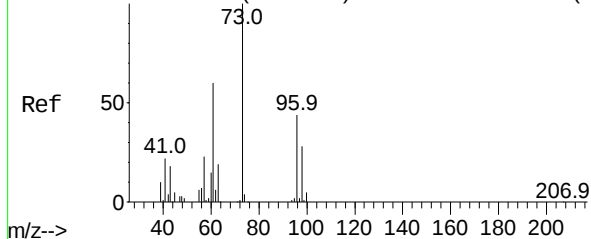
Tgt Ion:	84	Resp:	133661
Ion	Ratio	Lower	Upper
84	100		
49	118.8	102.1	153.1
51	35.2	32.6	48.8
86	63.5	46.7	70.1

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Abundance Scan 1010 (4.988 min): VN065141.D\data.ms (-98710)



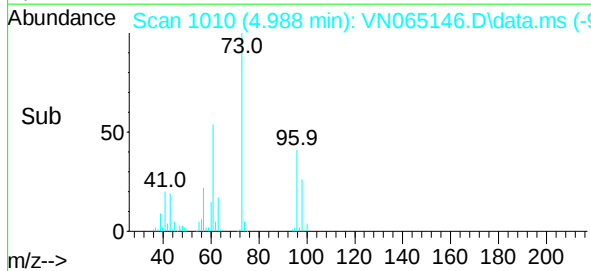
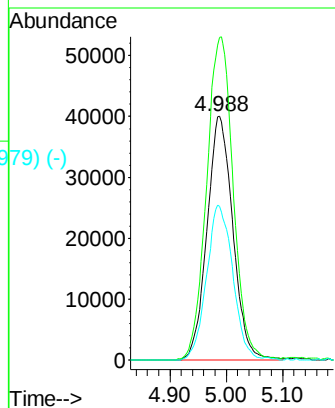
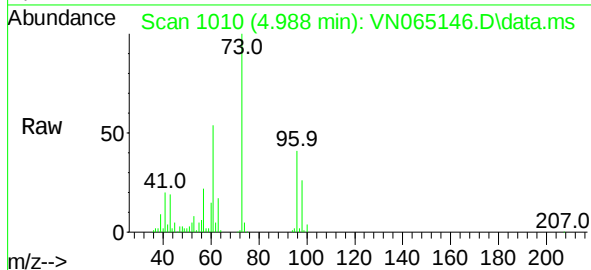
trans-1,2-Dichloroethene
Concen: 19.45 ug/l
RT: 4.988 min Scan# 1010
Delta R.T. 0.000 min
Lab File: VN065146.D
Acq: 15 Dec 2020 16:42

Tgt Ion: 96 Resp: 127203
Ion Ratio Lower Upper
96 100
61 131.8 120.1 180.1
98 62.9 49.1 73.7

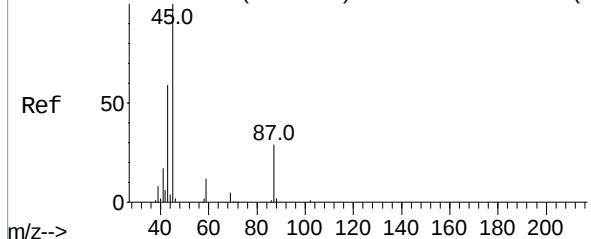
Instrument :
MSVOA_N
ClientSampleId :
ICVVN121520

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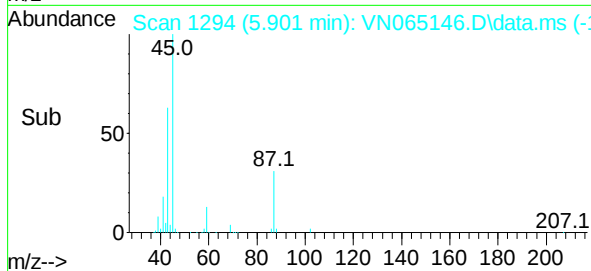
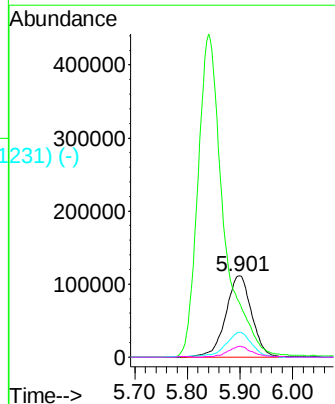
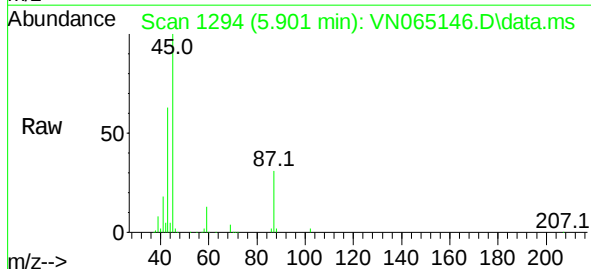


Abundance Scan 1293 (5.897 min): VN065141.D\data.ms (-12620)

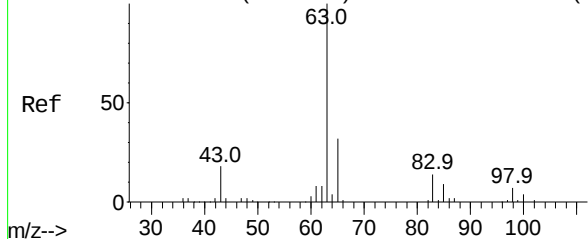


Diisopropyl ether
Concen: 17.69 ug/l
RT: 5.901 min Scan# 1294
Delta R.T. 0.003 min
Lab File: VN065146.D
Acq: 15 Dec 2020 16:42

Tgt Ion: 45 Resp: 380318
Ion Ratio Lower Upper
45 100
43 60.4 53.1 79.7
87 30.3 21.0 31.6
59 12.5 8.2 12.4#



Abundance Scan 1261 (5.795 min): VN065141.D\data.ms (-12391-)



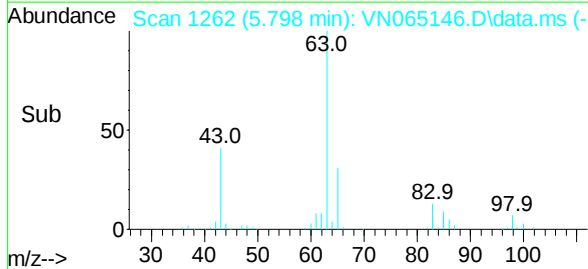
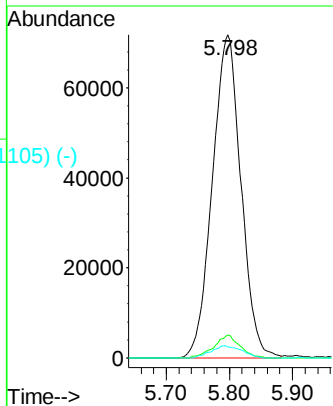
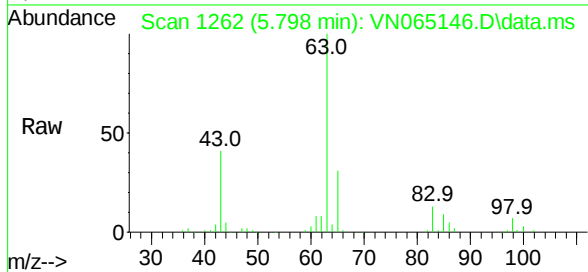
1,1-Dichloroethane
Concen: 17.38 ug/l
RT: 5.798 min Scan# 1262
Delta R.T. 0.003 min
Lab File: VN065146.D
Acq: 15 Dec 2020 16:42

Tgt Ion:	63	Resp:	225435
Ion	Ratio	Lower	Upper
63	100		
98	7.1	2.6	8.0
100	3.4	1.7	5.1

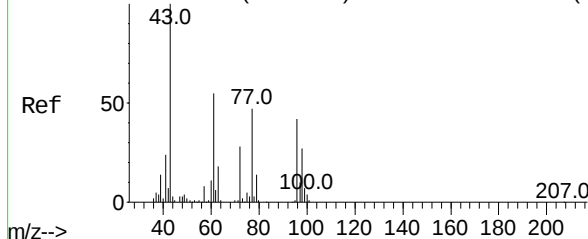
Instrument :
MSVOA_N
ClientSampled :
ICVVN121520

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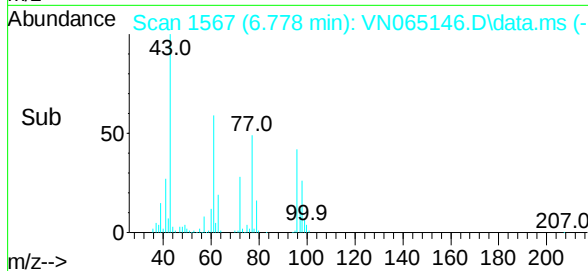
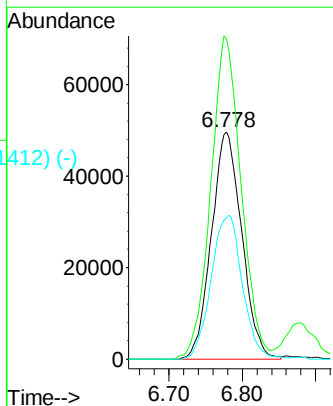
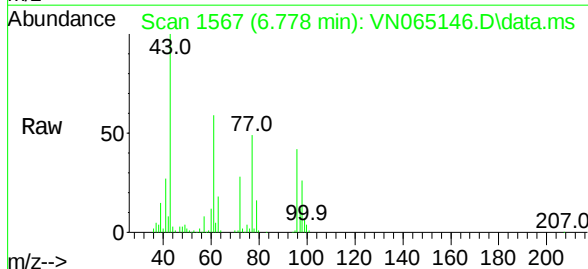


Abundance Scan 1568 (6.782 min): VN065141.D\data.ms (-15422-)

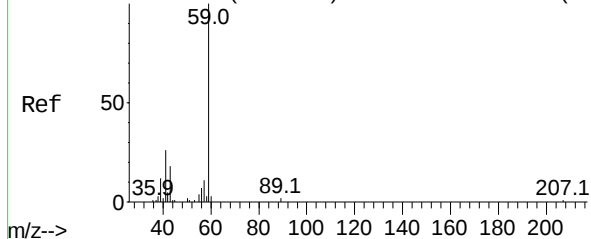


cis-1,2-Dichloroethene
Concen: 19.33 ug/l
RT: 6.778 min Scan# 1567
Delta R.T. -0.003 min
Lab File: VN065146.D
Acq: 15 Dec 2020 16:42

Tgt Ion:	96	Resp:	142396
Ion	Ratio	Lower	Upper
96	100		
61	142.3	136.1	204.1
98	64.9	51.8	77.8



Abundance Scan 929 (4.727 min): VN065141.D\data.ms (-903) #23



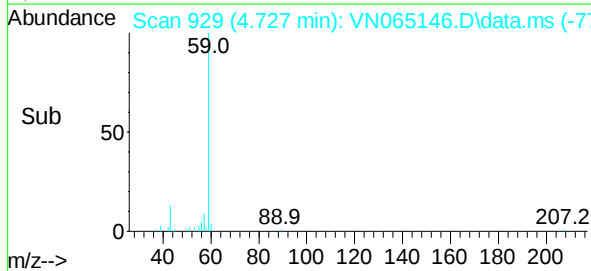
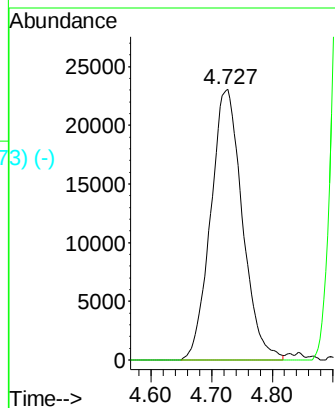
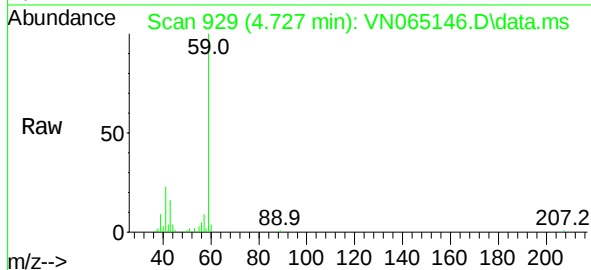
tert-Butyl Alcohol
Concen: 96.11 ug/l
RT: 4.727 min Scan# 929
Delta R.T. 0.000 min
Lab File: VN065146.D
Acq: 15 Dec 2020 16:42

Tgt Ion: 59 Resp: 83404
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

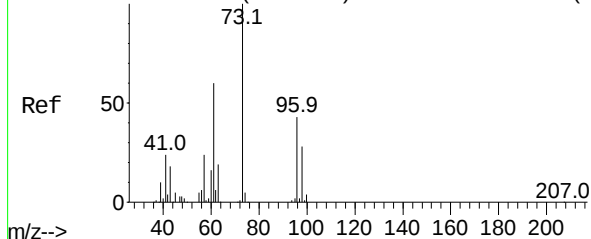
Instrument :
MSVOA_N
ClientSampleId :
ICVVN121520

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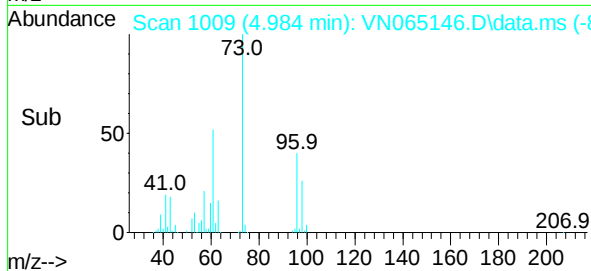
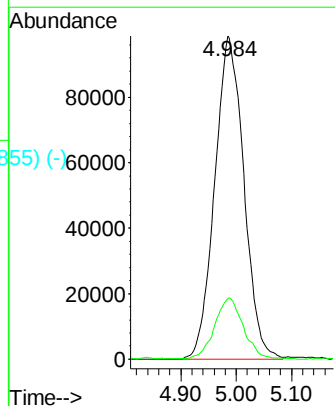
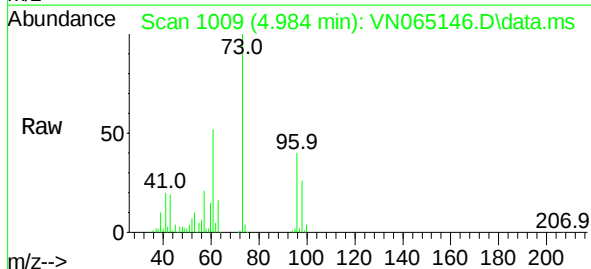


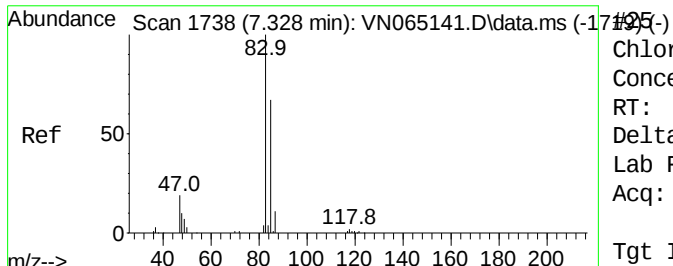
Abundance Scan 1011 (4.991 min): VN065141.D\data.ms (-983) #24



Methyl tert-Butyl Ether
Concen: 19.75 ug/l
RT: 4.984 min Scan# 1009
Delta R.T. -0.006 min
Lab File: VN065146.D
Acq: 15 Dec 2020 16:42

Tgt Ion: 73 Resp: 360048
Ion Ratio Lower Upper
73 100
43 18.4 10.2 15.2#





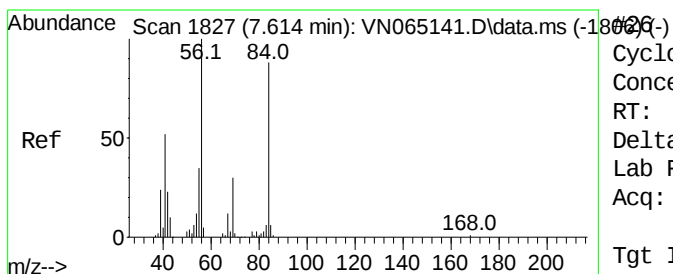
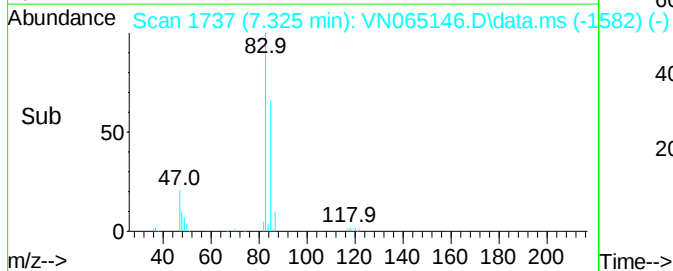
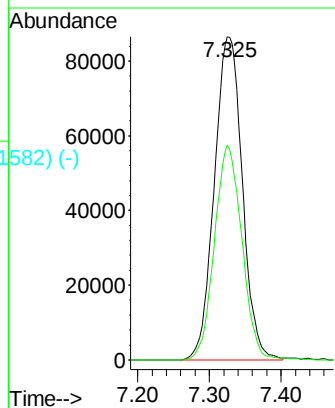
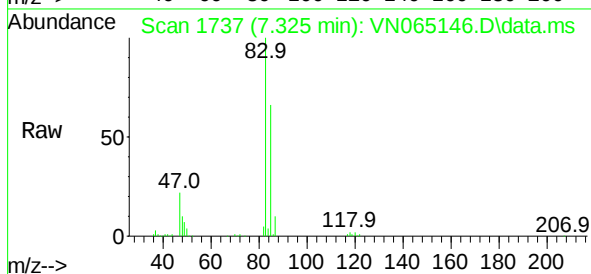
Chloroform
Concen: 19.05 ug/l
RT: 7.325 min Scan# 1737
Delta R.T. -0.003 min
Lab File: VN065146.D
Acq: 15 Dec 2020 16:42

Instrument :
MSVOA_N
ClientSampleId :
ICVVN121520

Tgt Ion: 83 Resp: 233609
Ion Ratio Lower Upper
83 100
85 66.5 50.6 75.8

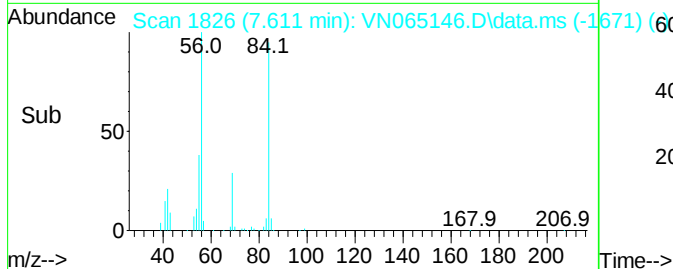
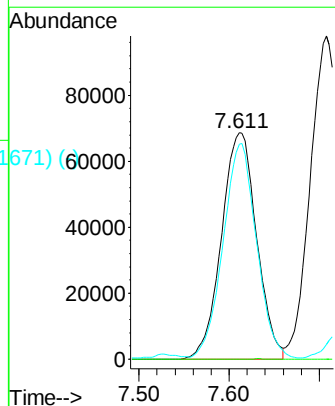
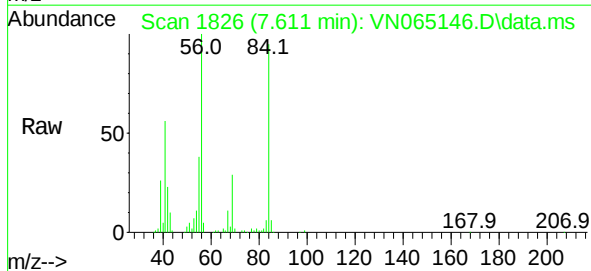
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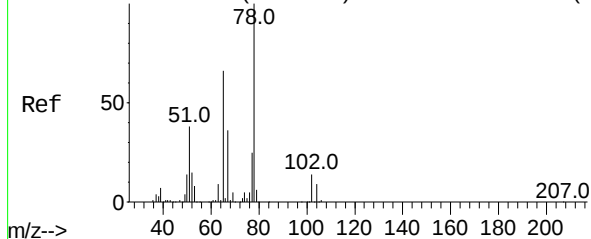


Cyclohexane
Concen: 19.59 ug/l
RT: 7.611 min Scan# 1826
Delta R.T. -0.003 min
Lab File: VN065146.D
Acq: 15 Dec 2020 16:42

Tgt Ion: 56 Resp: 185712
Ion Ratio Lower Upper
56 100
89 0.0 0.6 0.8#
84 90.4 66.1 99.1



Abundance Scan 1943 (7.987 min): VN065141.D\data.ms (-1927)



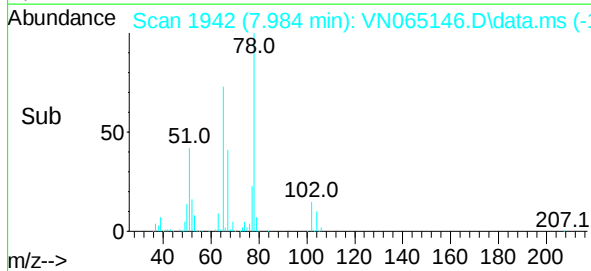
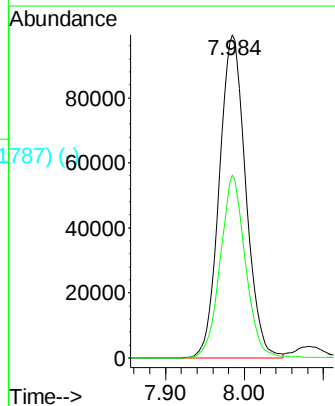
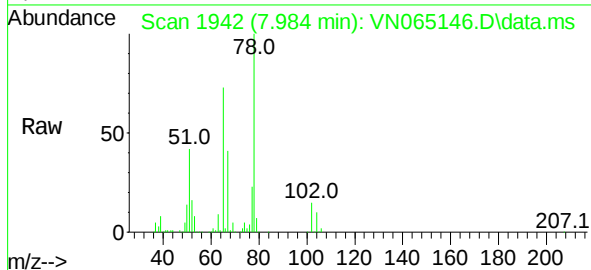
1,2-Dichloroethane-d4
Concen: 30.17 ug/l
RT: 7.984 min Scan# 1942
Delta R.T. -0.003 min
Lab File: VN065146.D
Acq: 15 Dec 2020 16:42

Tgt Ion: 65 Resp: 233193
Ion Ratio Lower Upper
65 100
67 54.2 41.1 61.7

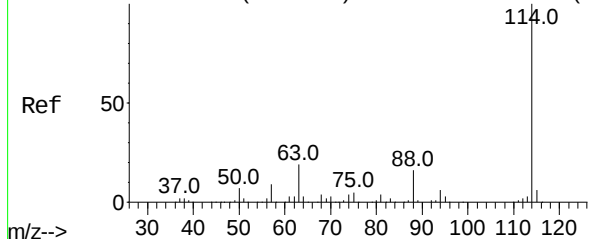
Instrument :
MSVOA_N
ClientSampleId :
ICVVN121520

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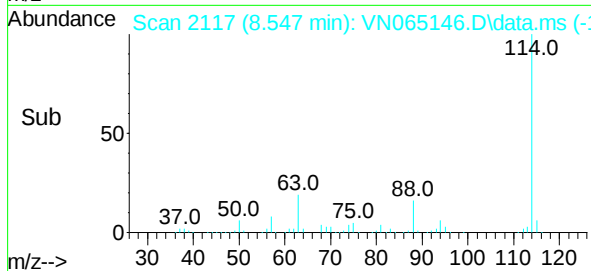
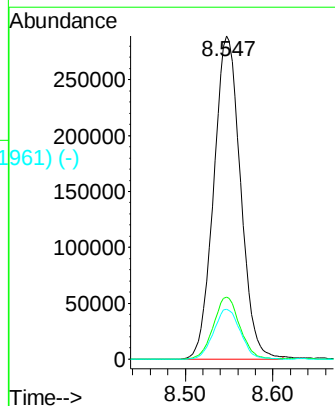
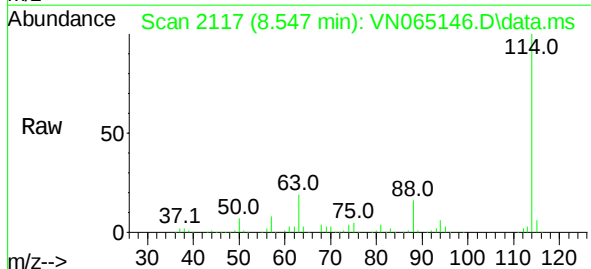


Abundance Scan 2117 (8.547 min): VN065141.D\data.ms (-21028)

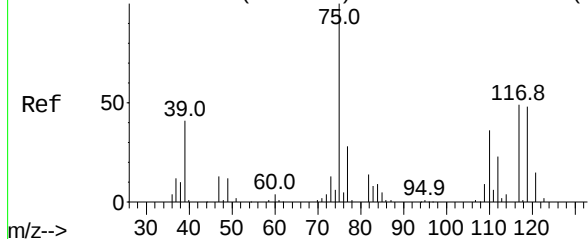


1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 8.547 min Scan# 2117
Delta R.T. 0.000 min
Lab File: VN065146.D
Acq: 15 Dec 2020 16:42

Tgt Ion:114 Resp: 611484
Ion Ratio Lower Upper
114 100
63 19.0 18.5 27.7
88 15.5 13.0 19.6



Abundance Scan 1870 (7.753 min): VN065141.D\data.ms (-18429-)



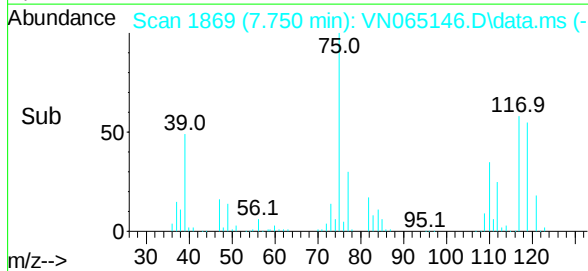
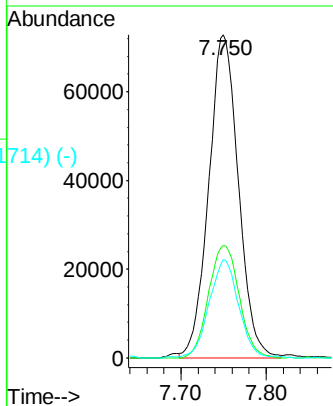
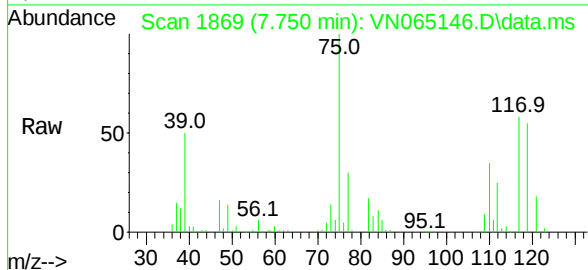
1,1-Dichloropropene
Concen: 18.27 ug/l
RT: 7.750 min Scan# 1869
Delta R.T. -0.003 min
Lab File: VN065146.D
Acq: 15 Dec 2020 16:42

Tgt Ion:	75	Resp:	175796
Ion	Ratio	Lower	Upper
75	100		
110	35.9	0.0	66.4
77	30.1	0.0	62.0

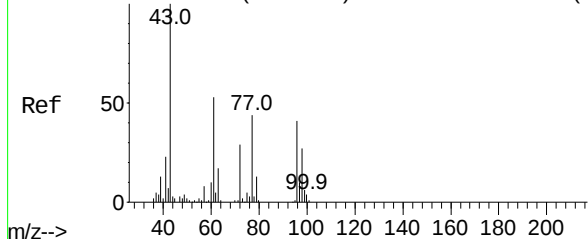
Instrument :
MSVOA_N
ClientSampleId :
ICVVN121520

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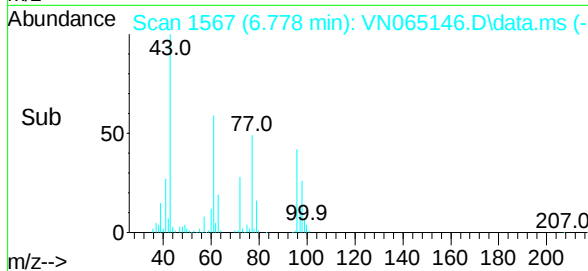
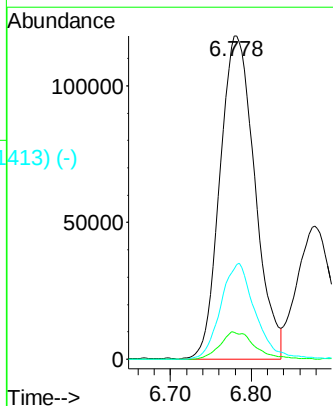
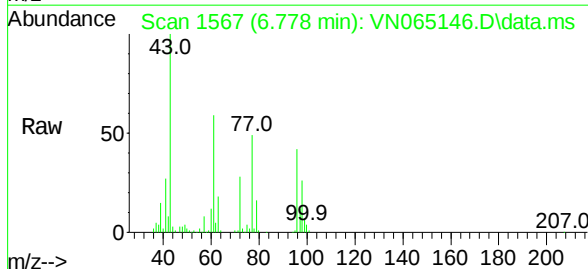


Abundance Scan 1569 (6.785 min): VN065141.D\data.ms (-15430-)



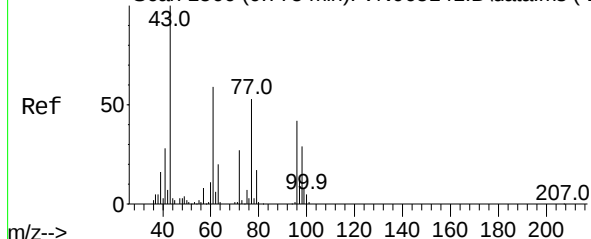
2-Butanone
Concen: 95.21 ug/l
RT: 6.778 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VN065146.D
Acq: 15 Dec 2020 16:42

Tgt Ion:	43	Resp:	354458
Ion	Ratio	Lower	Upper
43	100		
57	4.6	6.2	9.4#
72	29.2	9.9	14.9#

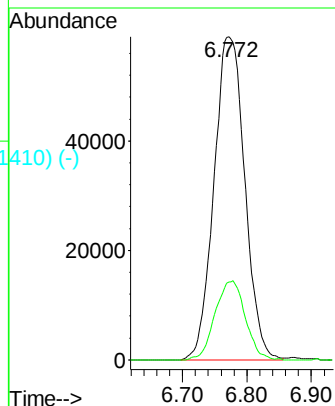
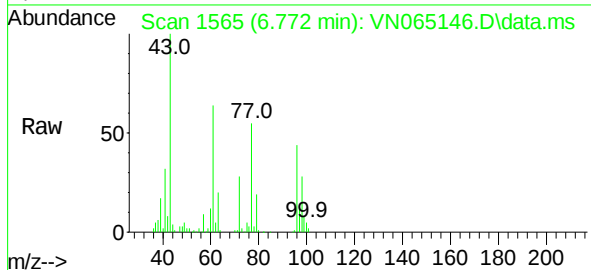


Abundance Scan 1566 (6.775 min): VN065141.D\data.ms (-15431-)

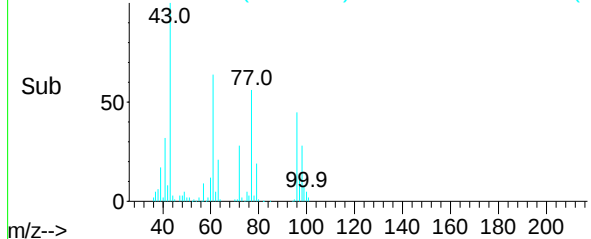
2,2-Dichloropropane
Concen: 18.44 ug/l
RT: 6.772 min Scan# 1565
Delta R.T. -0.003 min
Lab File: VN065146.D
Acq: 15 Dec 2020 16:42



Tgt Ion: 77 Resp: 196393
Ion Ratio Lower Upper
77 100
97 24.0 16.9 25.3

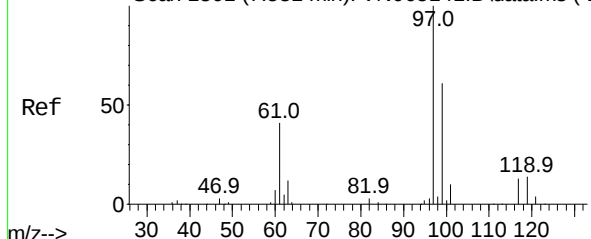


Abundance Scan 1565 (6.772 min): VN065146.D\data.ms (-1410-)

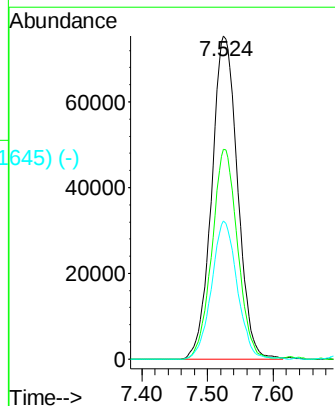
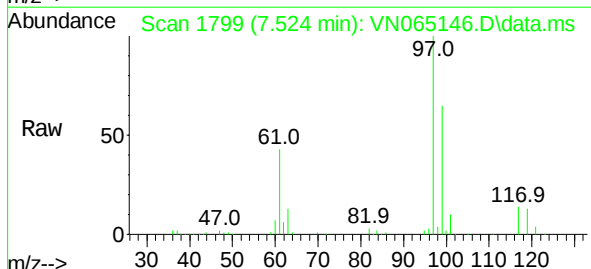


Abundance Scan 1801 (7.531 min): VN065141.D\data.ms (-17792-)

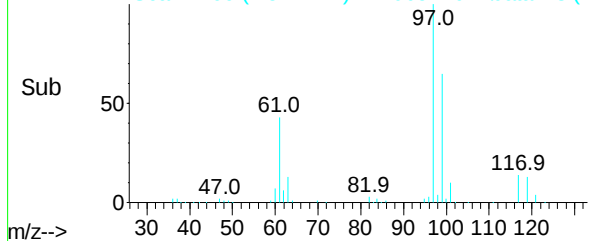
1,1,1-Trichloroethane
Concen: 17.98 ug/l
RT: 7.524 min Scan# 1799
Delta R.T. -0.006 min
Lab File: VN065146.D
Acq: 15 Dec 2020 16:42



Tgt Ion: 97 Resp: 205769
Ion Ratio Lower Upper
97 100
99 64.2 51.8 77.8
61 42.5 39.4 59.0



Abundance Scan 1799 (7.524 min): VN065146.D\data.ms (-1645-)



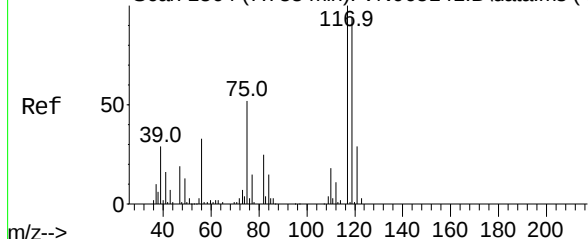
Instrument :
MSVOA_N
ClientSampleId :
ICVVN121520

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Abundance Scan 1864 (7.733 min): VN065141.D\data.ms (-18483-)

Carbon Tetrachloride
Concen: 18.06 ug/l
RT: 7.730 min Scan# 1863
Delta R.T. -0.003 min
Lab File: VN065146.D
Acq: 15 Dec 2020 16:42

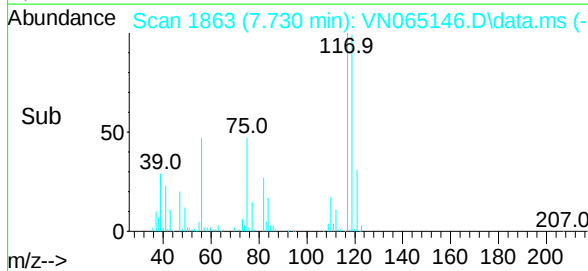
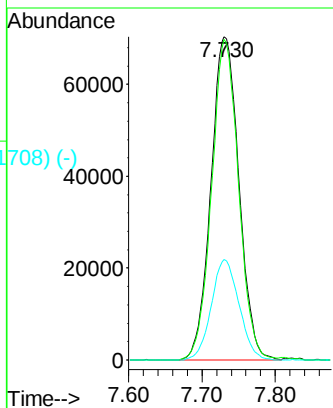
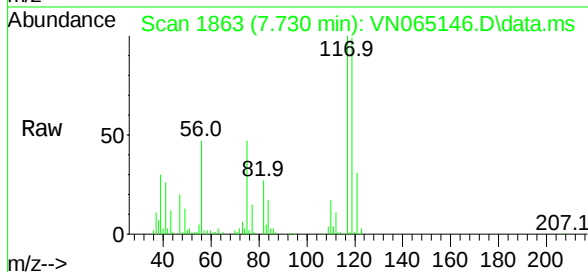


Tgt Ion: 117 Resp: 186658
Ion Ratio Lower Upper
117 100
119 99.2 77.9 116.9
121 31.2 24.0 36.0

Instrument :
MSVOA_N
ClientSampled :
ICVVN121520

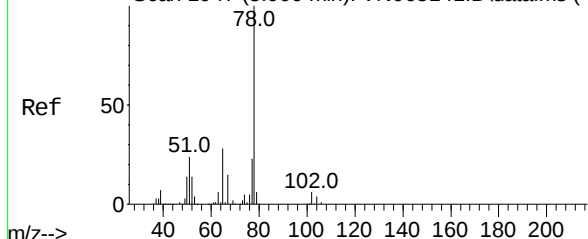
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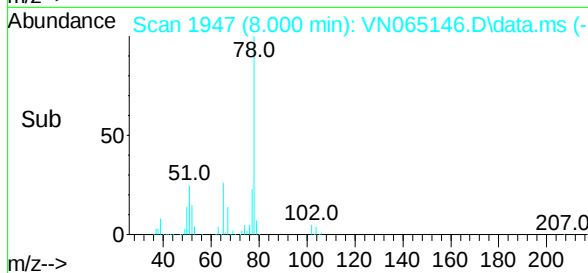
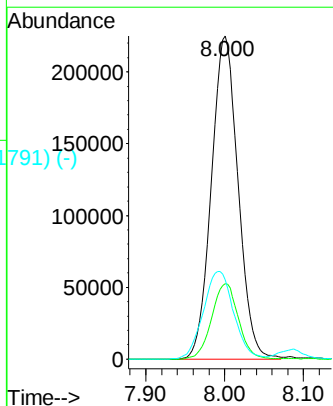
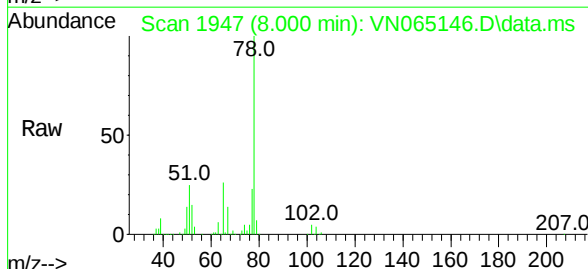


Abundance Scan 1947 (8.000 min): VN065141.D\data.ms (-19284-)

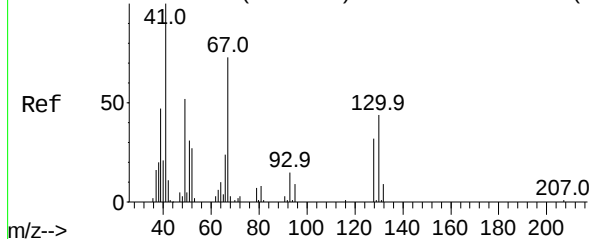
Benzene
Concen: 18.33 ug/l
RT: 8.000 min Scan# 1947
Delta R.T. 0.000 min
Lab File: VN065146.D
Acq: 15 Dec 2020 16:42



Tgt Ion: 78 Resp: 533196
Ion Ratio Lower Upper
78 100
77 23.4 18.9 28.3
51 24.0 24.6 36.8#

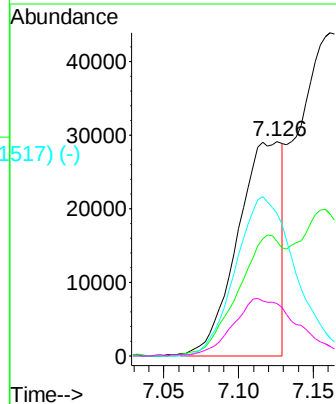
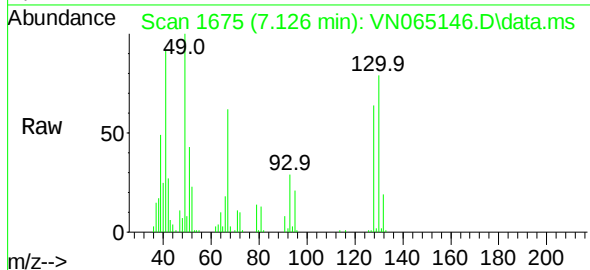


Abundance Scan 1673 (7.119 min): VN065141.D\data.ms (-1653) (-)

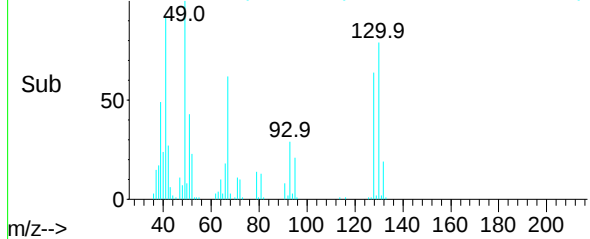


Methacrylonitrile
Concen: 16.47 ug/l m
RT: 7.126 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VN065146.D
Acq: 15 Dec 2020 16:42

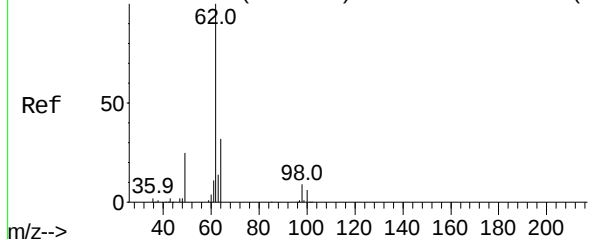
Tgt Ion:	41	Resp:	60017
Ion	Ratio	Lower	Upper
41	100		
39	53.4	30.0	90.1
67	66.6	29.2	87.6
52	24.6	14.9	44.9



Abundance Scan 1675 (7.126 min): VN065146.D\data.ms (-1517) (-)

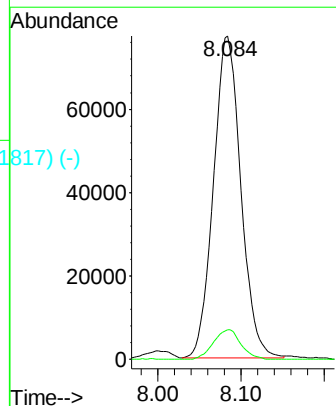
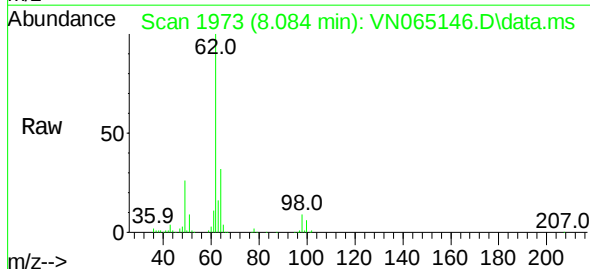


Abundance Scan 1973 (8.084 min): VN065141.D\data.ms (-1953) (-)

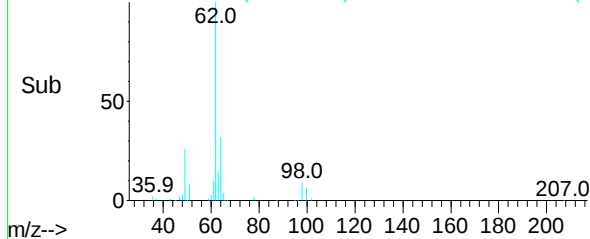


1,2-Dichloroethane
Concen: 17.74 ug/l
RT: 8.084 min Scan# 1973
Delta R.T. 0.000 min
Lab File: VN065146.D
Acq: 15 Dec 2020 16:42

Tgt Ion:	62	Resp:	176800
Ion	Ratio	Lower	Upper
62	100		
98	9.1	5.5	8.3#



Abundance Scan 1973 (8.084 min): VN065146.D\data.ms (-1817) (-)



Instrument :
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Abundance Scan 2196 (8.801 min): VN065141.D\data.ms (-21697-)

Trichloroethene
Concen: 18.58 ug/l
RT: 8.801 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VN065146.D
Acq: 15 Dec 2020 16:42

Instrument :
MSVOA_N
ClientSampleId :
ICVVN121520

Ref 50 36.9 60.0 94.9 129.9

m/z-->

Tgt Ion:130 Resp: 147407
Ion Ratio Lower Upper
130 100
95 94.4 85.1 127.7

Abundance Scan 2196 (8.801 min): VN065146.D\data.ms

Raw 50 36.9 60.0 94.9 129.9

m/z-->

Abundance

8.801

60000

40000

20000

0

Time-->

Abundance Scan 2196 (8.801 min): VN065146.D\data.ms (-2040 -)

Sub 50 36.9 60.0 94.9 129.9

m/z-->

Abundance Scan 2272 (9.045 min): VN065141.D\data.ms (-22549-)

Methylcyclohexane
Concen: 16.99 ug/l
RT: 9.045 min Scan# 2272
Delta R.T. 0.000 min
Lab File: VN065146.D
Acq: 15 Dec 2020 16:42

Ref 50 55.0 83.1 207.2

m/z-->

Tgt Ion: 83 Resp: 195076
Ion Ratio Lower Upper
83 100
55 75.0 42.0 126.1
98 45.9 22.5 67.5

Abundance Scan 2272 (9.045 min): VN065146.D\data.ms

Raw 50 55.0 83.1 207.1

m/z-->

Abundance

9.045

80000

60000

40000

20000

0

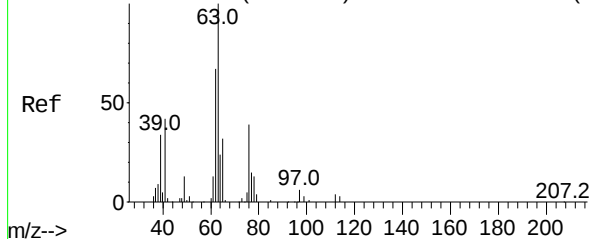
Time-->

Abundance Scan 2272 (9.045 min): VN065146.D\data.ms (-2116 -)

Sub 50 55.0 83.0 207.1

m/z-->

Abundance Scan 2283 (9.081 min): VN065141.D\data.ms (-22639)



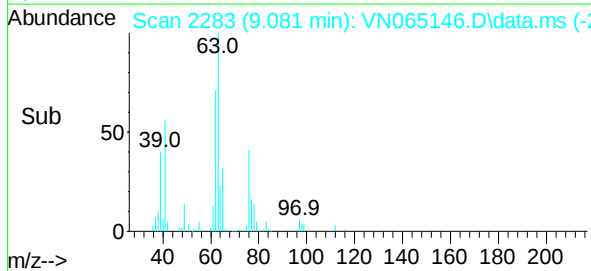
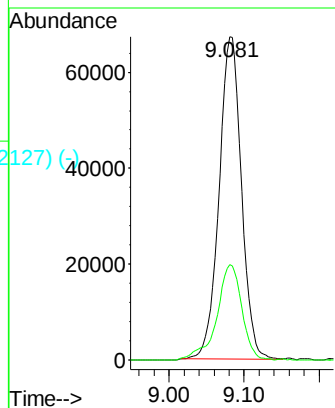
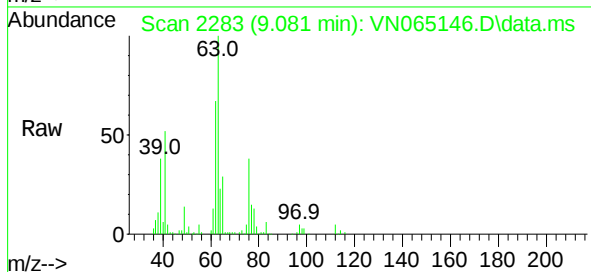
1,2-Dichloropropane
Concen: 17.77 ug/l
RT: 9.081 min Scan# 2283
Delta R.T. 0.000 min
Lab File: VN065146.D
Acq: 15 Dec 2020 16:42

Tgt Ion: 63 Resp: 138871
Ion Ratio Lower Upper
63 100
65 29.3 24.4 36.6

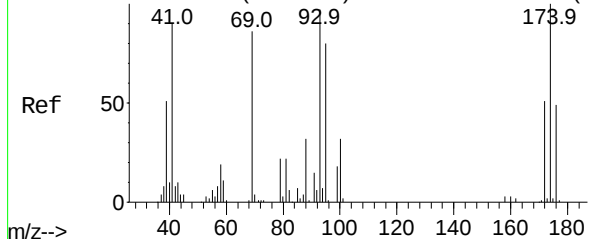
Instrument :
MSVOA_N
ClientSampleId :
ICVVN121520

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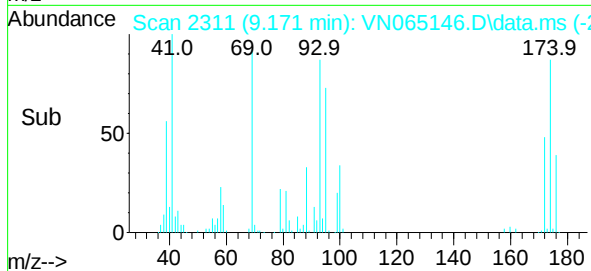
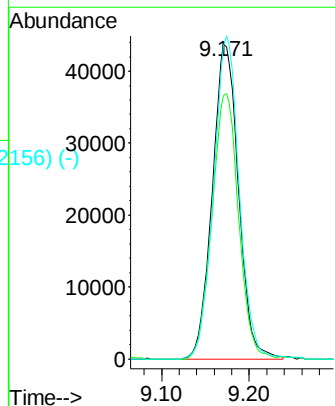
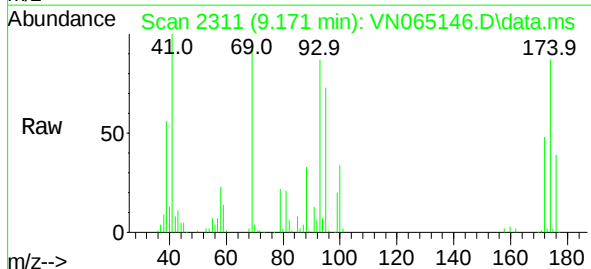


Abundance Scan 2312 (9.174 min): VN065141.D\data.ms (-229740)

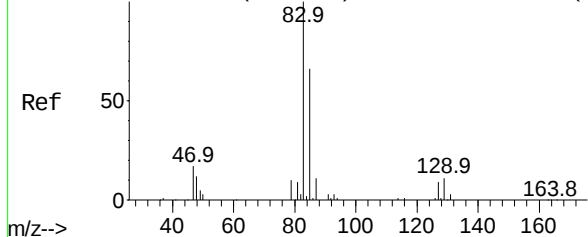


Dibromomethane
Concen: 16.55 ug/l
RT: 9.171 min Scan# 2311
Delta R.T. -0.003 min
Lab File: VN065146.D
Acq: 15 Dec 2020 16:42

Tgt Ion: 93 Resp: 90655
Ion Ratio Lower Upper
93 100
95 85.3 0.0 164.6
174 100.4 0.0 165.6



Abundance Scan 2372 (9.367 min): VN065141.D\data.ms (-23581-)



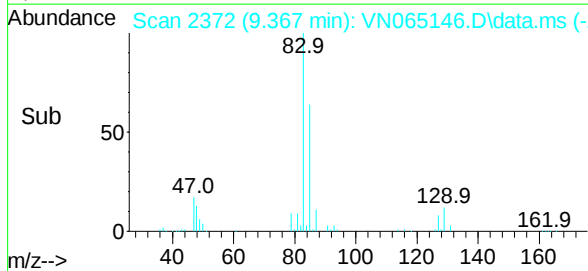
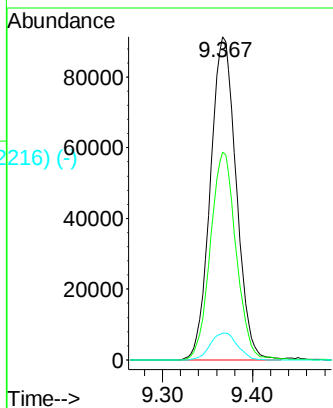
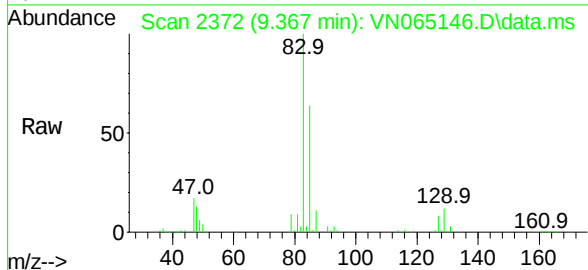
Bromodichloromethane
Concen: 16.38 ug/l
RT: 9.367 min Scan# 2372
Delta R.T. 0.000 min
Lab File: VN065146.D
Acq: 15 Dec 2020 16:42

Tgt Ion:	83	Resp:	182351
Ion	Ratio	Lower	Upper
83	100		
85	64.4	51.0	76.4
127	8.2	6.2	9.4

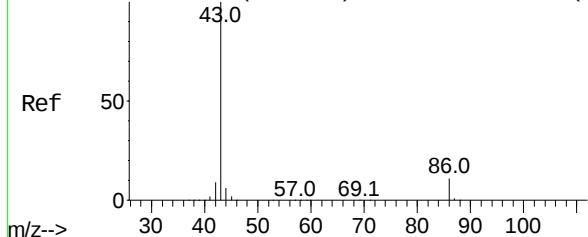
Instrument :
MSVOA_N
ClientSampled :
ICVVN121520

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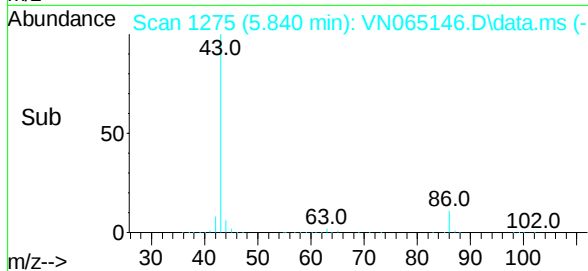
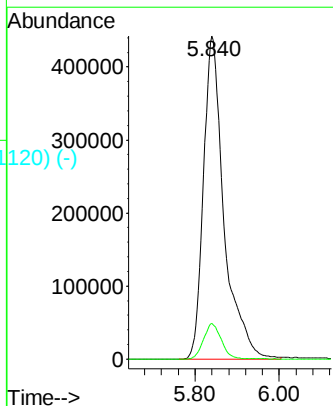
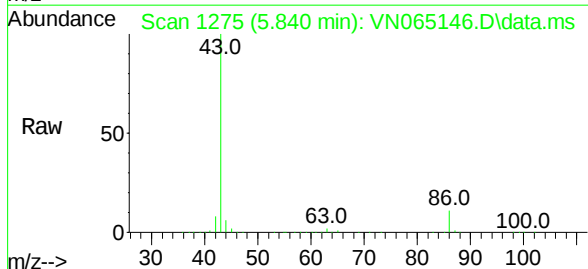


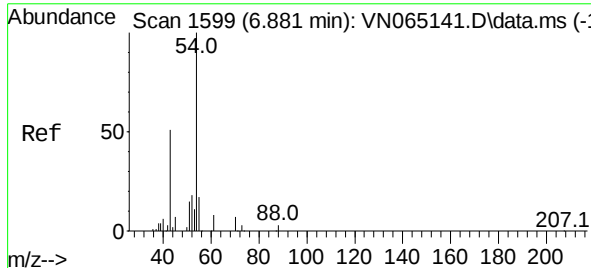
Abundance Scan 1276 (5.843 min): VN065141.D\data.ms (-12542-)



Vinyl Acetate
Concen: 84.66 ug/l
RT: 5.840 min Scan# 1275
Delta R.T. -0.003 min
Lab File: VN065146.D
Acq: 15 Dec 2020 16:42

Tgt Ion:	43	Resp:	1502624
Ion	Ratio	Lower	Upper
43	100		
86	9.5	6.3	9.5#





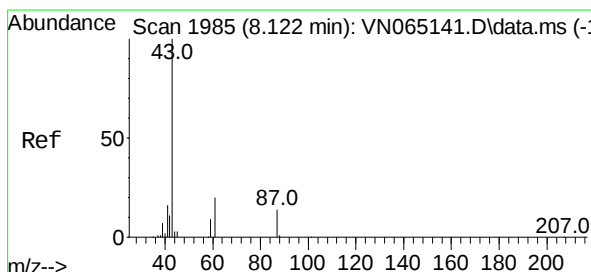
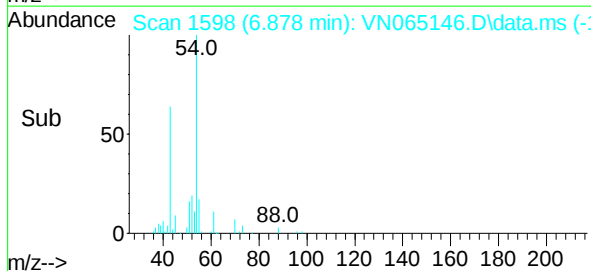
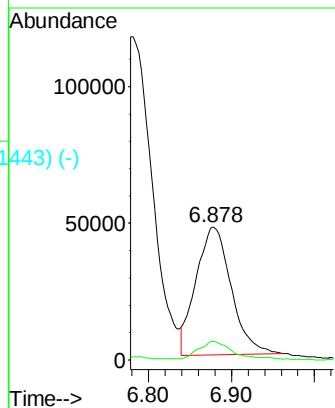
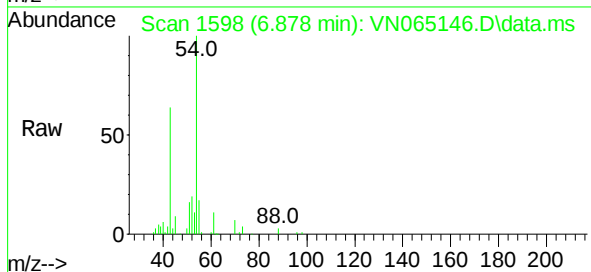
Ethyl Acetate
Concen: 17.99 ug/l
RT: 6.878 min Scan# 1598
Delta R.T. -0.003 min
Lab File: VN065146.D
Acq: 15 Dec 2020 16:42

Tgt Ion: 43 Resp: 138098
Ion Ratio Lower Upper
43 100
45 12.4 10.9 16.3

Instrument :
MSVOA_N
ClientSampleId :
ICVVN121520

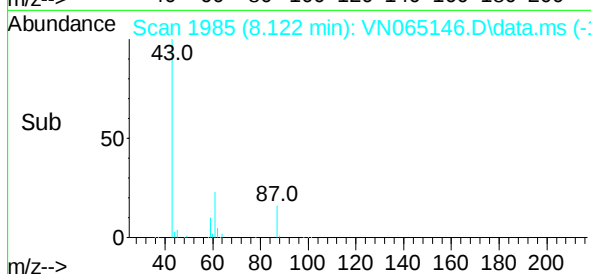
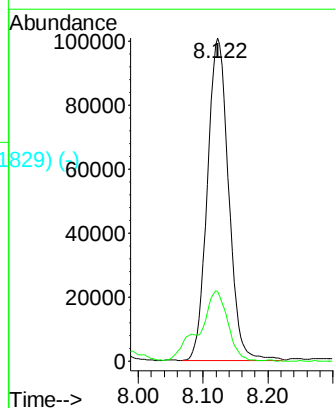
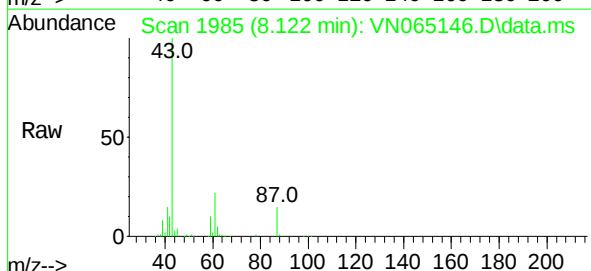
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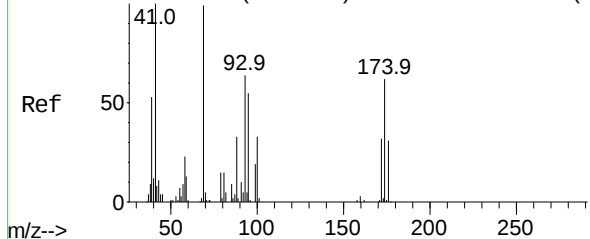


Isopropyl Acetate
Concen: 17.85 ug/l m
RT: 8.122 min Scan# 1985
Delta R.T. 0.000 min
Lab File: VN065146.D
Acq: 15 Dec 2020 16:42

Tgt Ion: 43 Resp: 229242
Ion Ratio Lower Upper
43 100
61 0.0 13.0 19.4#



Abundance Scan 2309 (9.164 min): VN065141.D\data.ms (-22965)



1,4-Dioxane
Concen: 351.63 ug/l
RT: 9.161 min Scan# 2308
Delta R.T. -0.003 min
Lab File: VN065146.D
Acq: 15 Dec 2020 16:42

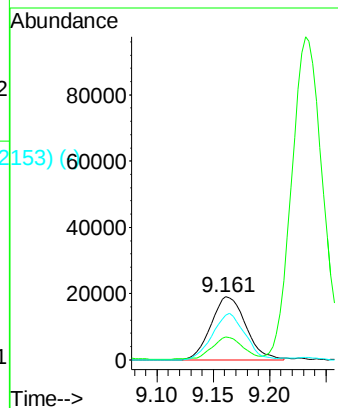
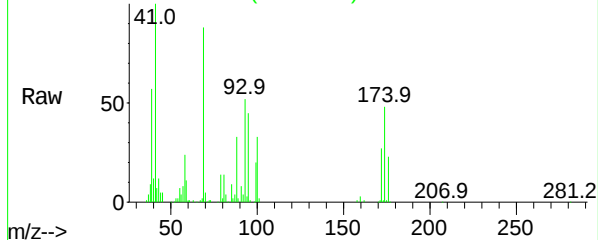
Tgt Ion:	88	Resp:	41035
Ion	Ratio	Lower	Upper
88	100		
43	31.3	30.6	46.0
58	68.4	57.9	86.9

Instrument :
MSVOA_N
ClientSampleId :
ICVVN121520

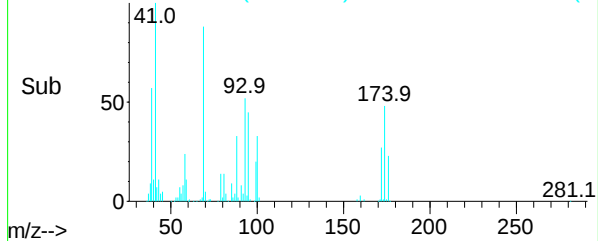
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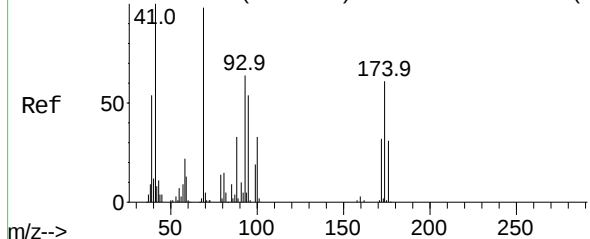
Abundance Scan 2308 (9.161 min): VN065146.D\data.ms



Abundance Scan 2308 (9.161 min): VN065146.D\data.ms (-2153) (-)



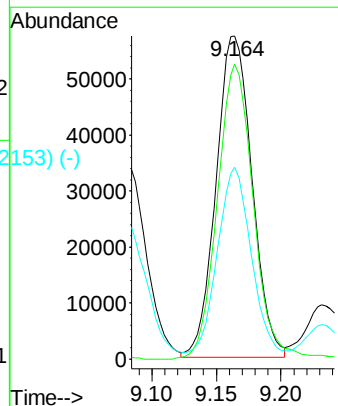
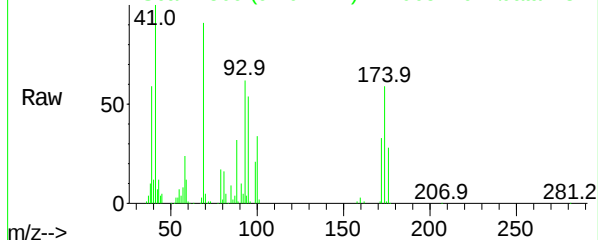
Abundance Scan 2309 (9.164 min): VN065141.D\data.ms (-22974)



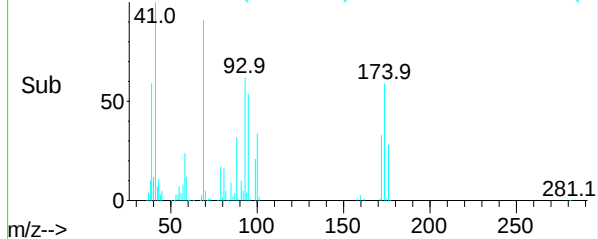
Methyl methacrylate
Concen: 16.98 ug/l m
RT: 9.164 min Scan# 2309
Delta R.T. 0.000 min
Lab File: VN065146.D
Acq: 15 Dec 2020 16:42

Tgt Ion:	41	Resp:	110926
Ion	Ratio	Lower	Upper
41	100		
69	91.2	35.4	106.2
39	59.4	31.6	94.7

Abundance Scan 2309 (9.164 min): VN065146.D\data.ms

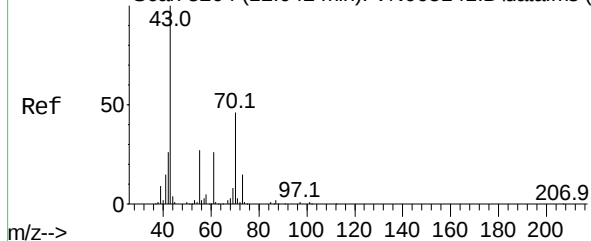


Abundance Scan 2309 (9.164 min): VN065146.D\data.ms (-2153) (-)



Abundance Scan 3204 (12.042 min): VN065141.D\data.ms (-3180) (-)

n-amy1 Acetate
Concen: 17.90 ug/l
RT: 12.042 min Scan# 3204
Delta R.T. 0.000 min
Lab File: VN065146.D
Acq: 15 Dec 2020 16:42

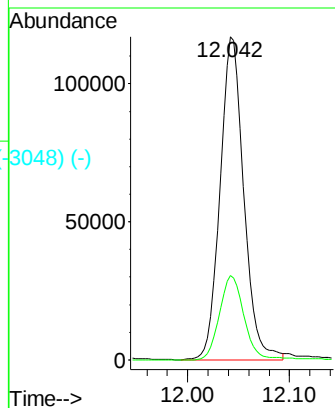
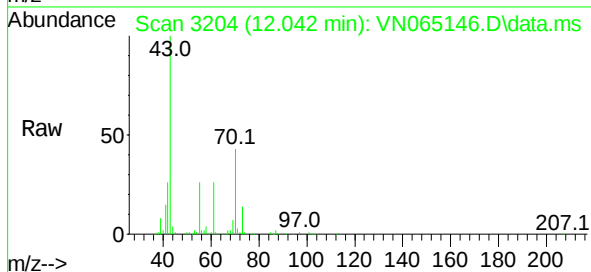


Tgt Ion: 43 Resp: 189907
Ion Ratio Lower Upper
43 100
55 26.6 19.2 28.8

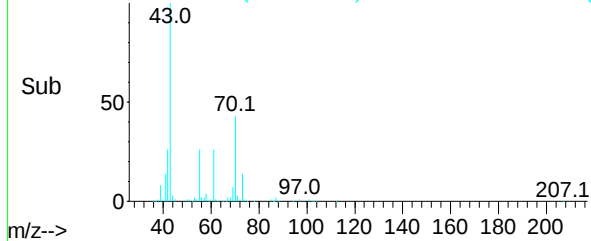
Instrument :
MSVOA_N
ClientSampleId :
ICVVN121520

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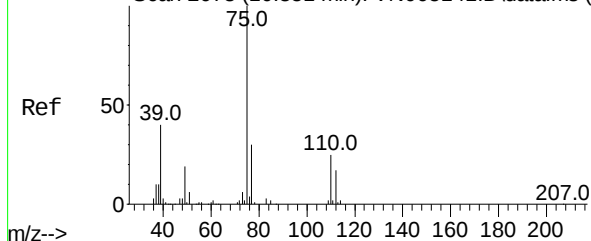


Abundance Scan 3204 (12.042 min): VN065146.D\data.ms (-3048) (-)

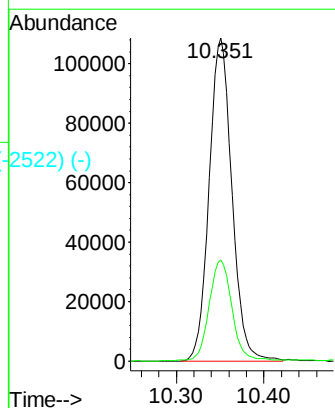
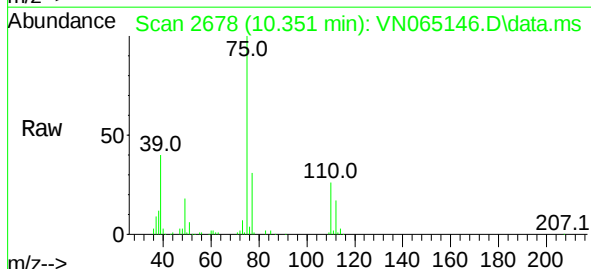


Abundance Scan 2678 (10.351 min): VN065141.D\data.ms (-2648) (-)

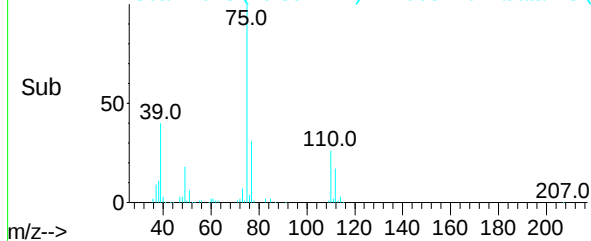
t-1,3-Dichloropropene
Concen: 17.97 ug/l
RT: 10.351 min Scan# 2678
Delta R.T. 0.000 min
Lab File: VN065146.D
Acq: 15 Dec 2020 16:42



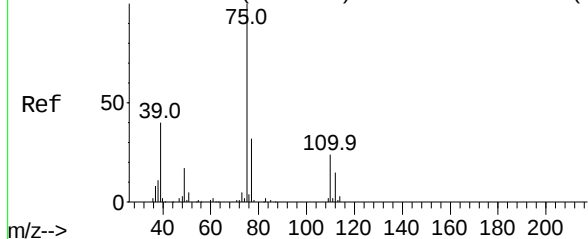
Tgt Ion: 75 Resp: 195455
Ion Ratio Lower Upper
75 100
77 31.0 25.8 38.6



Abundance Scan 2678 (10.351 min): VN065146.D\data.ms (-2522) (-)



Abundance Scan 2509 (9.807 min): VN065141.D\data.ms (-2499) (-)



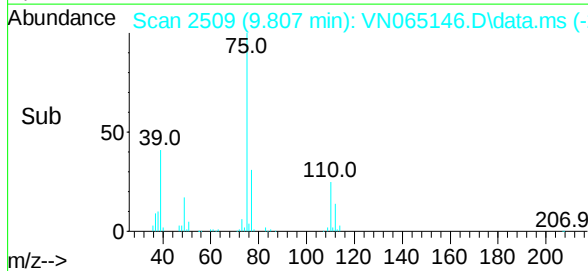
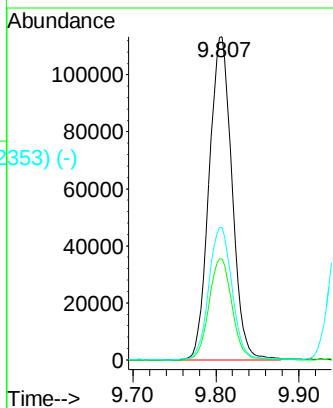
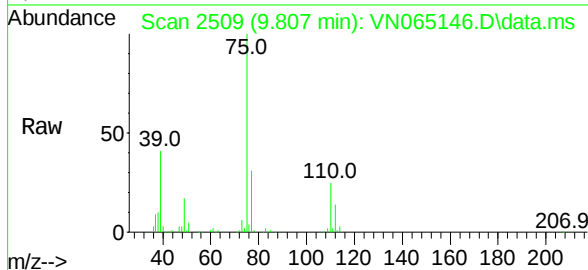
cis-1,3-Dichloropropene
Concen: 17.54 ug/l
RT: 9.807 min Scan# 2509
Delta R.T. 0.000 min
Lab File: VN065146.D
Acq: 15 Dec 2020 16:42

Tgt Ion: 75 Resp: 216713
Ion Ratio Lower Upper
75 100
77 31.3 24.8 37.2
39 40.7 47.4 71.0#

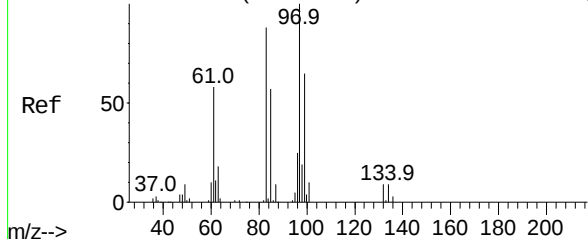
Instrument :
MSVOA_N
ClientSampleId :
ICVVN121520

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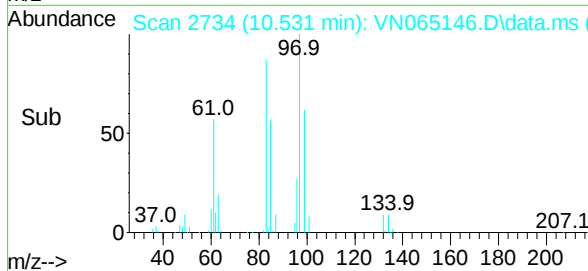
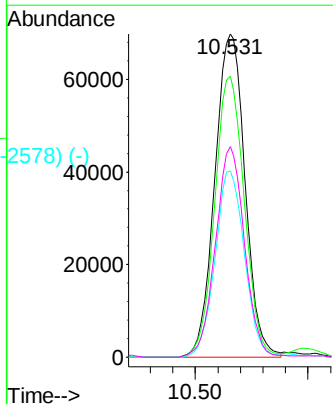
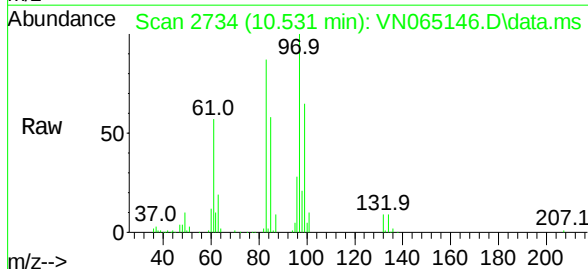


Abundance Scan 2734 (10.531 min): VN065141.D\data.ms (-2750) (-)



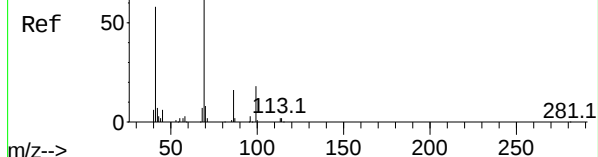
1,1,2-Trichloroethane
Concen: 18.23 ug/l
RT: 10.531 min Scan# 2734
Delta R.T. 0.000 min
Lab File: VN065146.D
Acq: 15 Dec 2020 16:42

Tgt Ion: 97 Resp: 129572
Ion Ratio Lower Upper
97 100
83 86.9 74.2 111.4
85 57.6 44.8 67.2
99 65.2 50.5 75.7

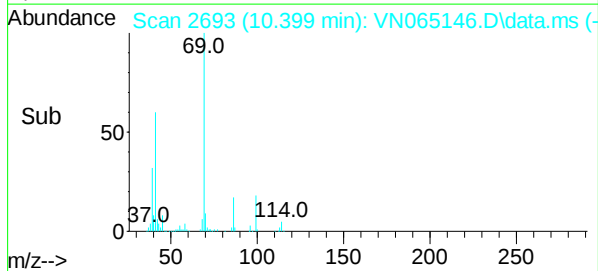
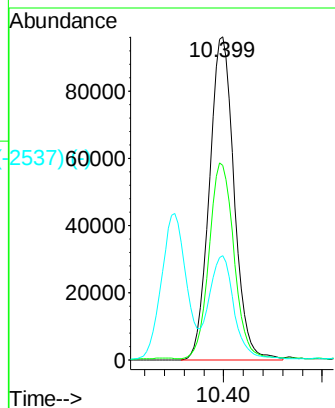
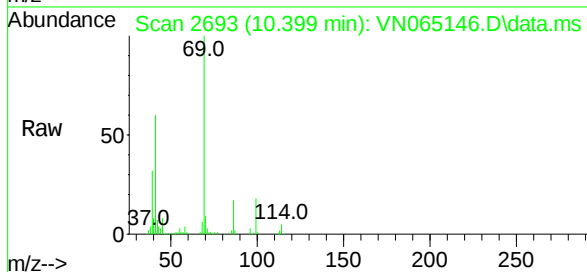


Abundance Scan 2693 (10.399 min): VN065141.D\data.ms (-2650) (-)

Ethyl methacrylate
Concen: 17.65 ug/l
RT: 10.399 min Scan# 2693
Delta R.T. 0.000 min
Lab File: VN065146.D
Acq: 15 Dec 2020 16:42

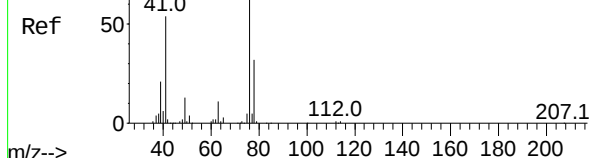


Tgt Ion:	69	Resp:	167941
Ion	Ratio	Lower	Upper
69	100		
41	59.9	35.4	106.1
39	31.7	24.1	72.2

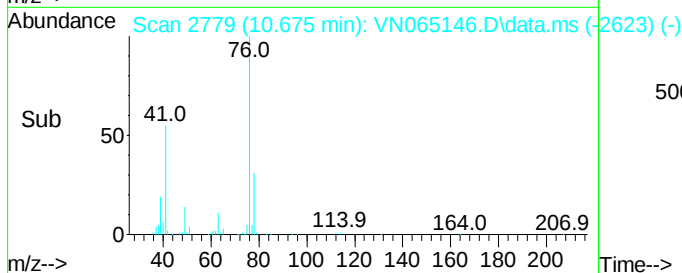
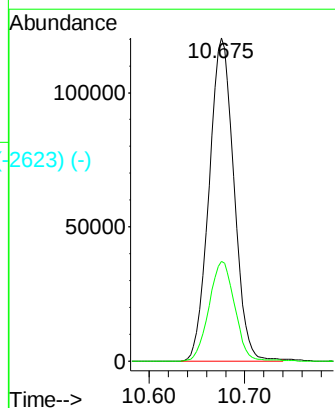
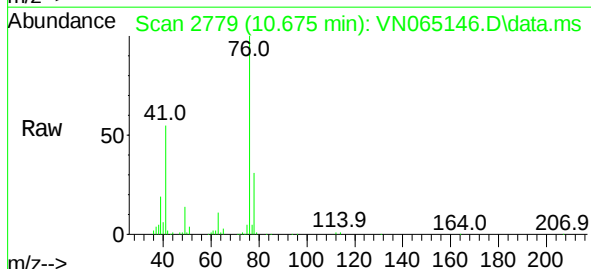


Abundance Scan 2779 (10.675 min): VN065141.D\data.ms (-2752) (-)

1,3-Dichloropropane
Concen: 18.40 ug/l
RT: 10.675 min Scan# 2779
Delta R.T. 0.000 min
Lab File: VN065146.D
Acq: 15 Dec 2020 16:42



Tgt Ion:	76	Resp:	216948
Ion	Ratio	Lower	Upper
76	100		
78	31.8	0.0	65.2



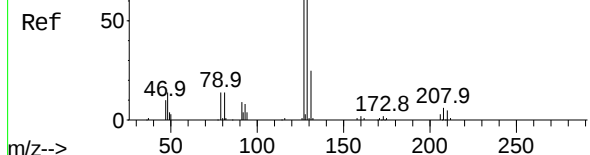
Instrument :
MSVOA_N
ClientSampleId :
ICVVN121520

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Abundance Scan 2840 (10.872 min): VN065141.D\data.ms (-2659) (-)

Dibromochloromethane
Concen: 17.53 ug/l
RT: 10.872 min Scan# 2840
Delta R.T. 0.000 min
Lab File: VN065146.D
Acq: 15 Dec 2020 16:42

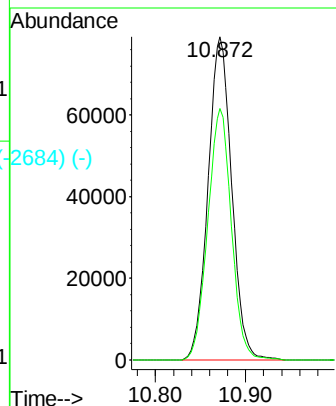
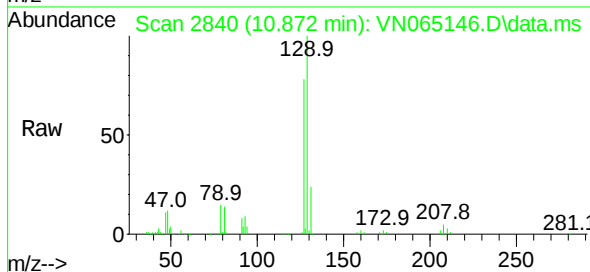


Tgt Ion:129 Resp: 144393
Ion Ratio Lower Upper
129 100
127 77.6 39.1 117.2

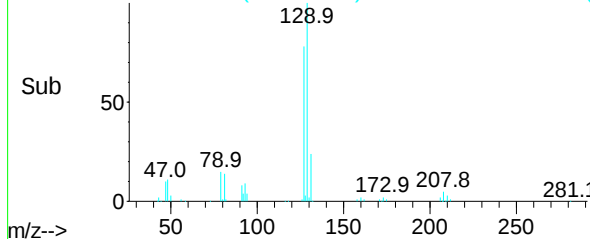
Instrument :
MSVOA_N
ClientSampleId :
ICVVN121520

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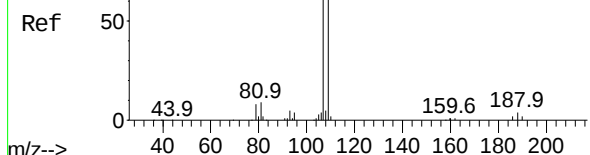


Abundance Scan 2840 (10.872 min): VN065146.D\data.ms (-2684) (-)

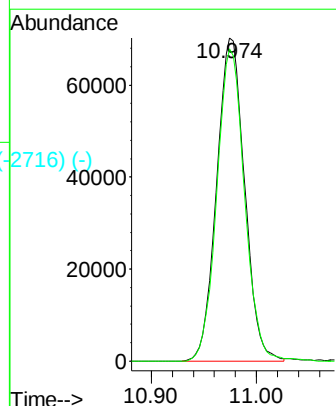
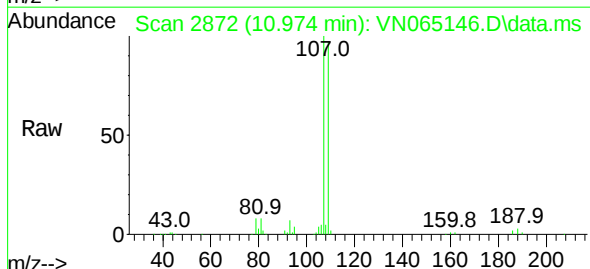


Abundance Scan 2872 (10.974 min): VN065141.D\data.ms (-2659) (-)

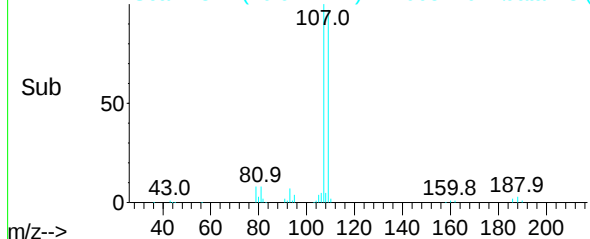
1,2-Dibromoethane
Concen: 17.45 ug/l
RT: 10.974 min Scan# 2872
Delta R.T. 0.000 min
Lab File: VN065146.D
Acq: 15 Dec 2020 16:42



Tgt Ion:107 Resp: 129411
Ion Ratio Lower Upper
107 100
109 96.1 77.2 115.8

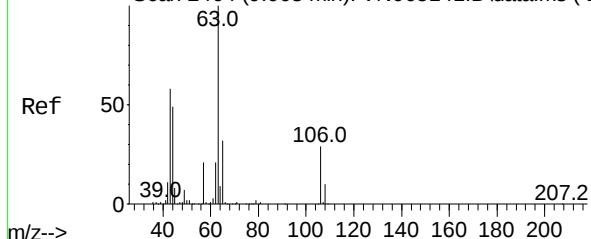


Abundance Scan 2872 (10.974 min): VN065146.D\data.ms (-2716) (-)

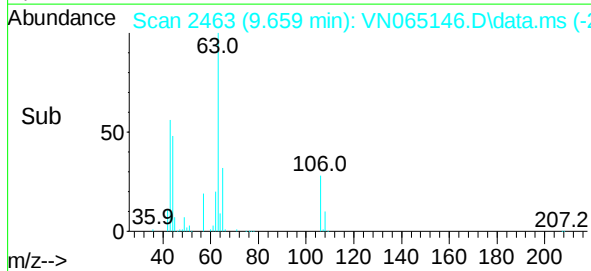
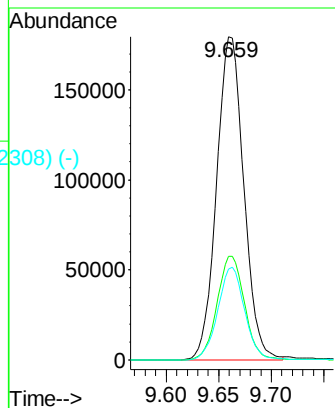
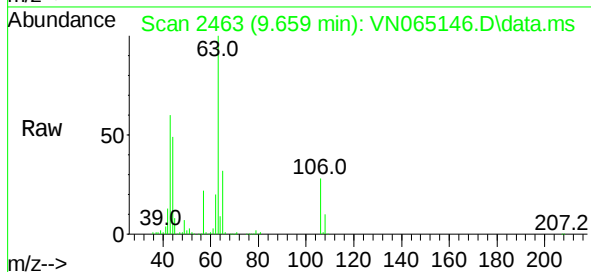


Abundance Scan 2464 (9.663 min): VN065141.D\data.ms (-2445) (-)

2-Chloroethyl vinyl ether
Concen: 66.92 ug/l
RT: 9.659 min Scan# 2463
Delta R.T. -0.003 min
Lab File: VN065146.D
Acq: 15 Dec 2020 16:42

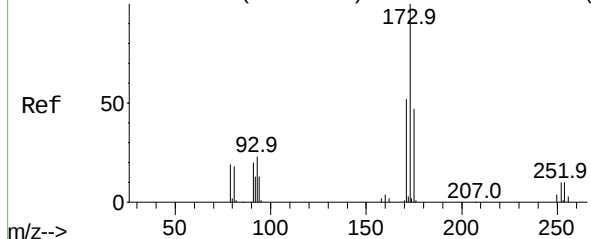


Tgt Ion:	63	Resp:	322556
Ion	Ratio	Lower	Upper
63	100		
65	32.2	25.7	38.5
106	28.5	19.9	29.9

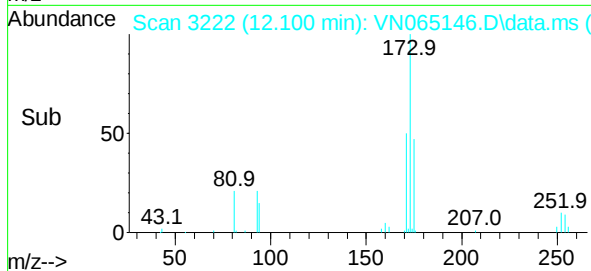
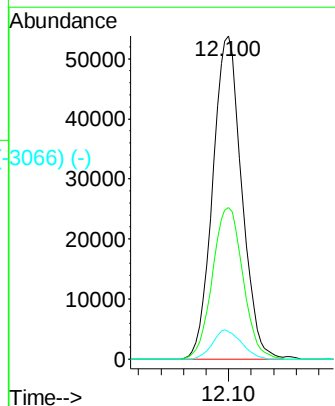
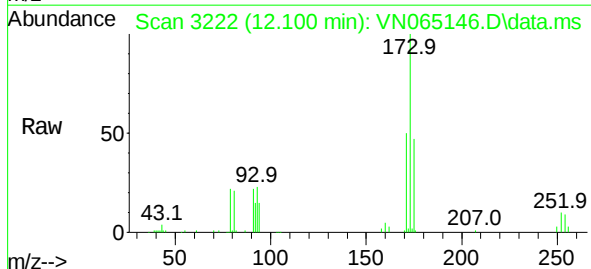


Abundance Scan 3222 (12.100 min): VN065141.D\data.ms (-3256) (-)

Bromoform
Concen: 17.08 ug/l
RT: 12.100 min Scan# 3222
Delta R.T. 0.000 min
Lab File: VN065146.D
Acq: 15 Dec 2020 16:42



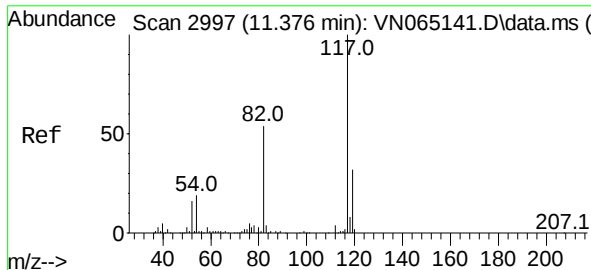
Tgt Ion:	173	Resp:	95642
Ion	Ratio	Lower	Upper
173	100		
175	49.4	37.1	55.7
254	9.0	5.4	8.2#



Instrument :
MSVOA_N
ClientSampleId :
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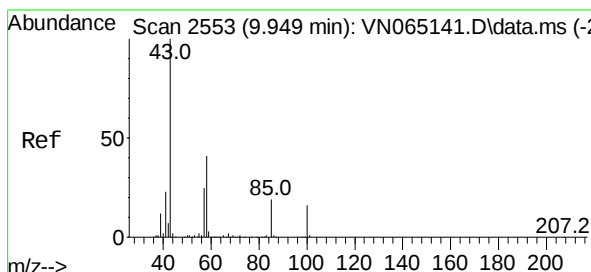
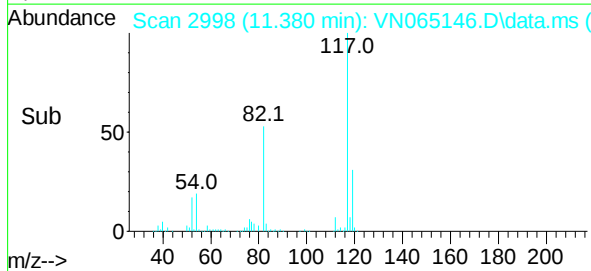
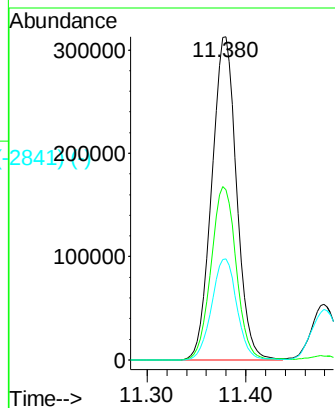
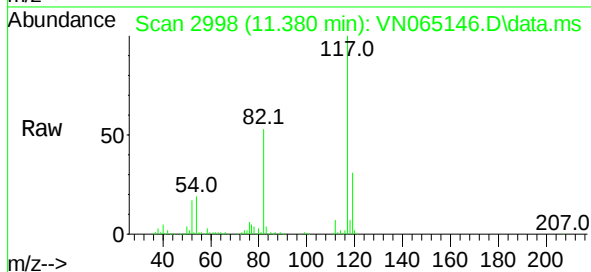
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. 0.003 min
Lab File: VN065146.D
Acq: 15 Dec 2020 16:42

Tgt Ion: 117 Resp: 548930
Ion Ratio Lower Upper
117 100
82 54.4 47.8 71.8
119 31.9 25.7 38.5

Instrument :
MSVOA_N
ClientSampleId :
ICVVN121520

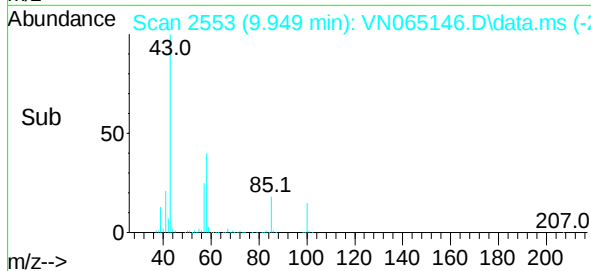
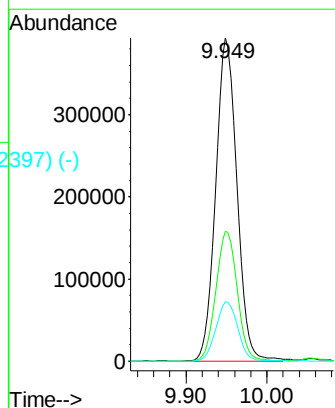
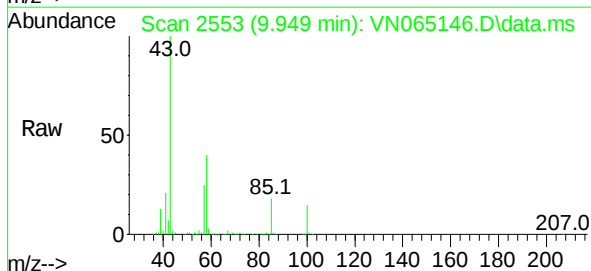
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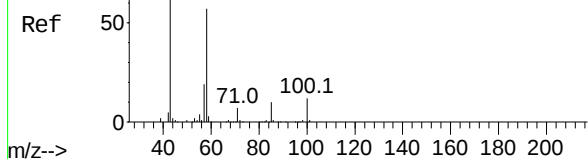
4-Methyl-2-Pentanone
Concen: 88.93 ug/l
RT: 9.949 min Scan# 2553
Delta R.T. 0.000 min
Lab File: VN065146.D
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Tgt Ion: 43 Resp: 711210
Ion Ratio Lower Upper
43 100
58 40.5 28.8 43.2
85 18.9 12.3 18.5#

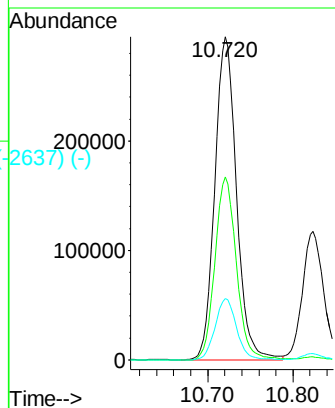
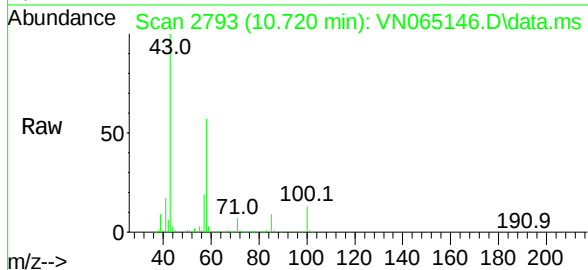


Abundance Scan 2793 (10.720 min): VN065141.D\data.ms (-2759) (-)

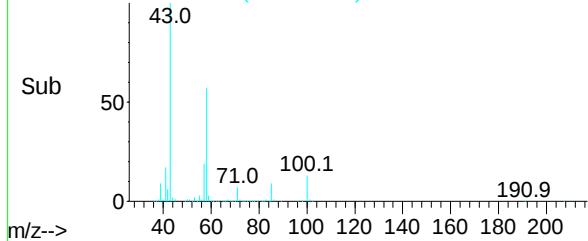
2-Hexanone
Concen: 97.73 ug/l
RT: 10.720 min Scan# 2793
Delta R.T. 0.000 min
Lab File: VN065146.D
Acq: 15 Dec 2020 16:42



Tgt Ion:	43	Resp:	518935
Ion	Ratio	Lower	Upper
43	100		
58	56.1	38.2	57.4
57	19.0	13.8	20.8

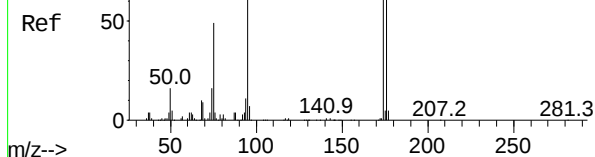


Abundance Scan 2793 (10.720 min): VN065146.D\data.ms (-2637) (-)

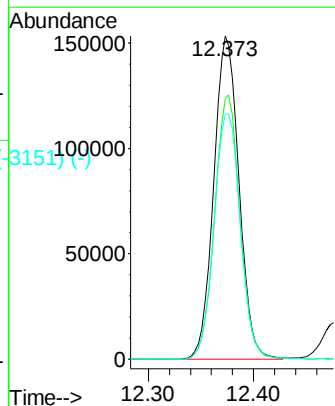
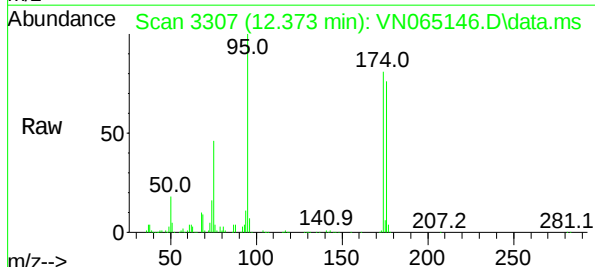


Abundance Scan 3307 (12.373 min): VN065141.D\data.ms (-3260) (-)

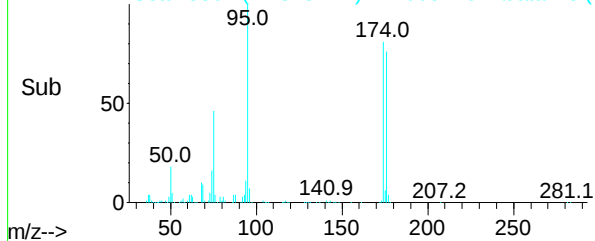
4-Bromofluorobenzene
Concen: 29.55 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.000 min
Lab File: VN065146.D
Acq: 15 Dec 2020 16:42



Tgt Ion:	95	Resp:	254832
Ion	Ratio	Lower	Upper
95	100		
174	82.0	56.4	84.6
176	78.8	53.3	79.9



Abundance Scan 3307 (12.373 min): VN065146.D\data.ms (-3151) (-)

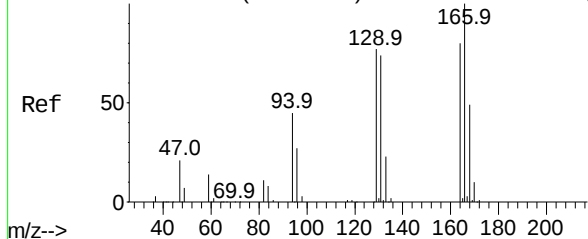


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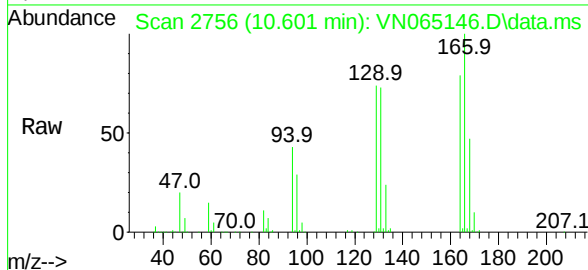
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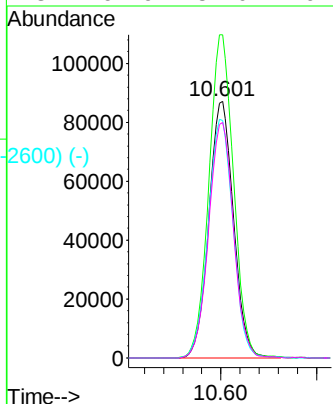
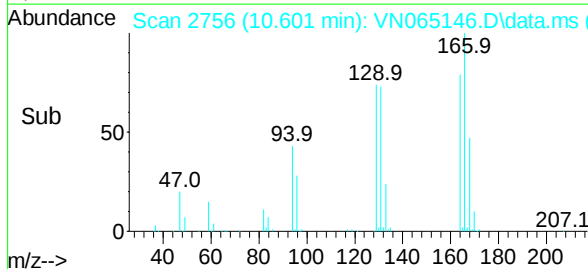
Abundance Scan 2756 (10.601 min): VN065141.D\data.ms (-2760) (-)



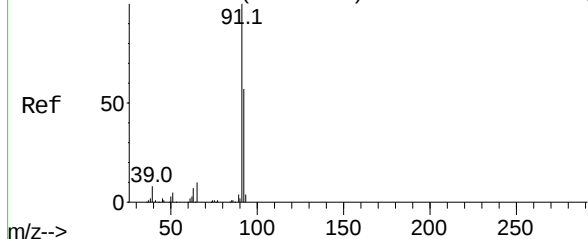
Tetrachloroethene
Concen: 19.50 ug/l
RT: 10.601 min Scan# 2756
Delta R.T. 0.000 min
Lab File: VN065146.D
Acq: 15 Dec 2020 16:42



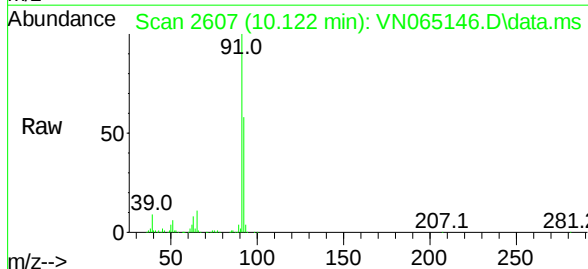
Tgt Ion:	164	Resp:	155700
Ion	Ratio	Lower	Upper
164	100		
166	125.7	103.2	154.8
129	92.6	86.4	129.6
131	91.9	84.0	126.0



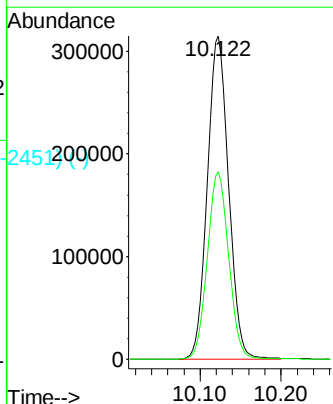
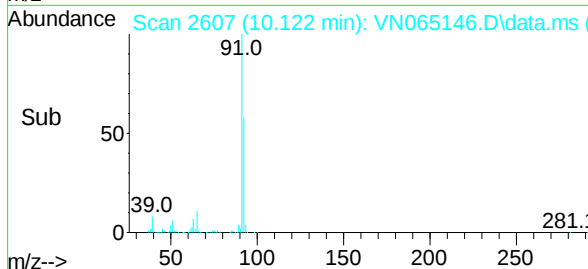
Abundance Scan 2607 (10.122 min): VN065141.D\data.ms (-2562) (-)



Toluene
Concen: 18.93 ug/l
RT: 10.122 min Scan# 2607
Delta R.T. 0.000 min
Lab File: VN065146.D
Acq: 15 Dec 2020 16:42



Tgt Ion:	91	Resp:	575901
Ion	Ratio	Lower	Upper
91	100		
92	58.0	45.4	68.2

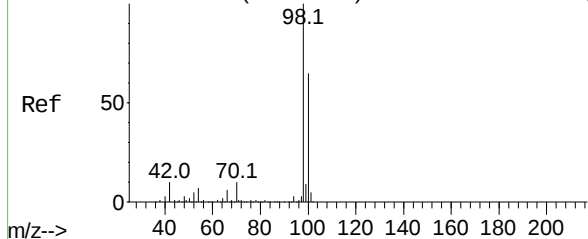


Instrument :
MSVOA_N
ClientSampleId :
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Abundance Scan 2587 (10.058 min): VN065141.D\data.ms (-2587) (-)



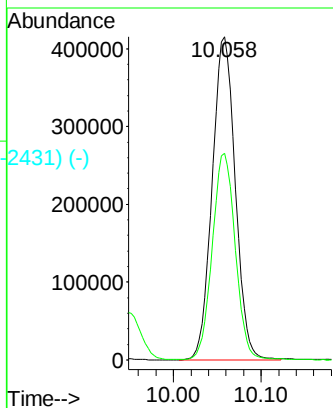
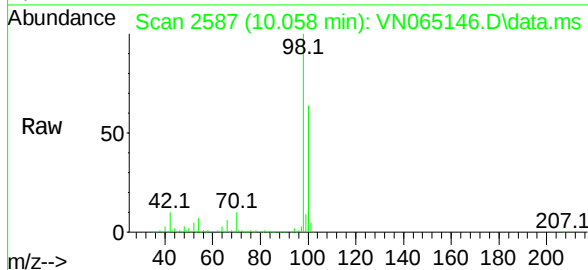
Toluene-d8
Concen: 28.71 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065146.D
Acq: 15 Dec 2020 16:42

Tgt Ion: 98 Resp: 760660
Ion Ratio Lower Upper
98 100
100 63.3 49.4 74.2

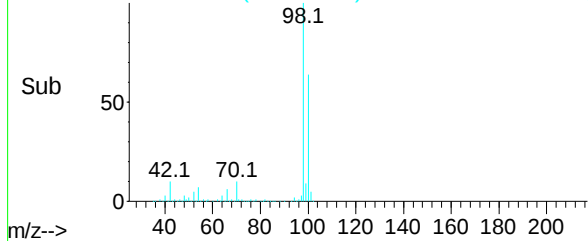
Instrument :
MSVOA_N
ClientSampleId :
ICVVN121520

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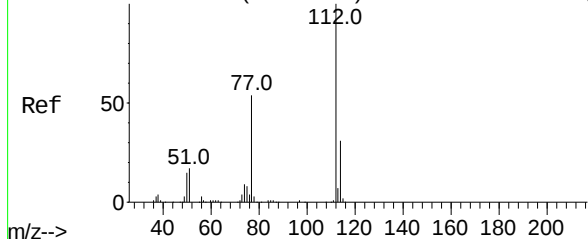
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Abundance Scan 2587 (10.058 min): VN065146.D\data.ms (-2431) (-)

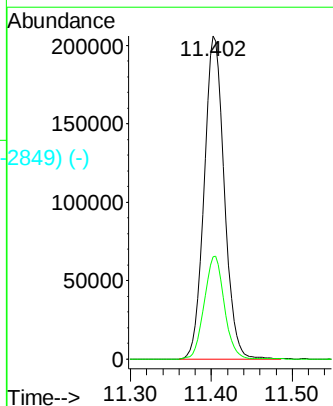
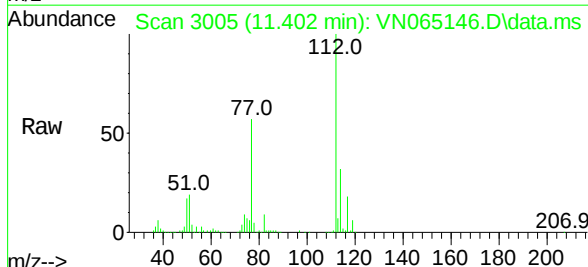


Abundance Scan 3005 (11.402 min): VN065141.D\data.ms (-2961) (-)

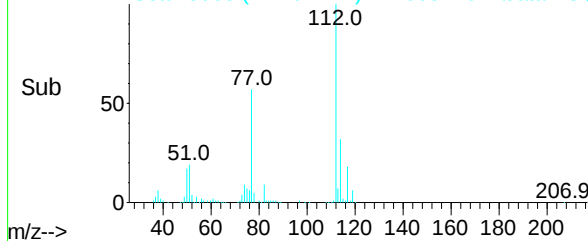


Chlorobenzene
Concen: 18.89 ug/l
RT: 11.402 min Scan# 3005
Delta R.T. 0.000 min
Lab File: VN065146.D
Acq: 15 Dec 2020 16:42

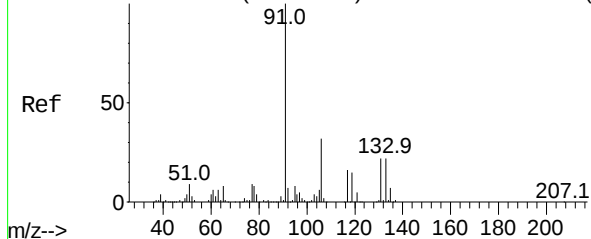
Tgt Ion:112 Resp: 357995
Ion Ratio Lower Upper
112 100
114 31.6 25.0 37.6



Abundance Scan 3005 (11.402 min): VN065146.D\data.ms (-2849) (-)



Abundance Scan 3029 (11.479 min): VN065141.D\data.ms (-3029) (-)



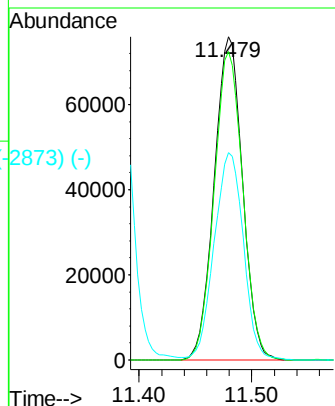
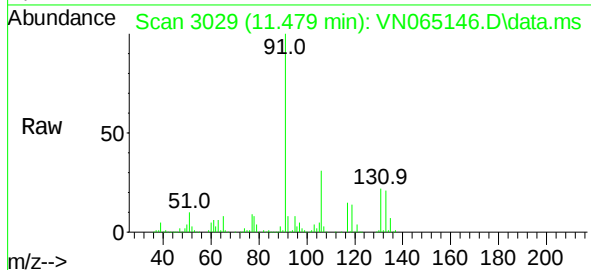
1,1,1,2-Tetrachloroethane
Concen: 18.43 ug/l
RT: 11.479 min Scan# 3029
Delta R.T. 0.000 min
Lab File: VN065146.D
Acq: 15 Dec 2020 16:42

Tgt Ion:	131	Resp:	132586
Ion	Ratio	Lower	Upper
131	100		
133	96.4	0.0	191.2
119	66.2	0.0	131.6

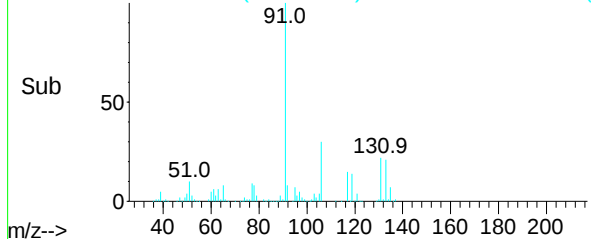
Instrument :
MSVOA_N
ClientSampleId :
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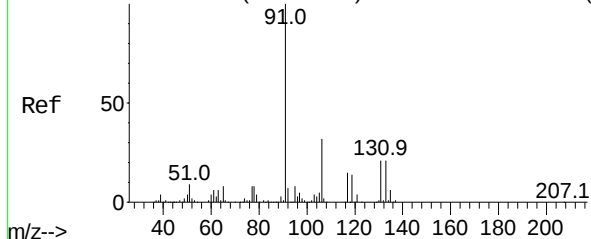
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Abundance Scan 3029 (11.479 min): VN065146.D\data.ms (-2873) (-)

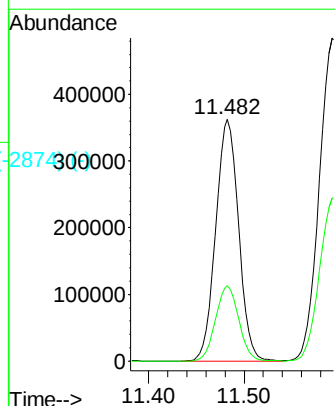
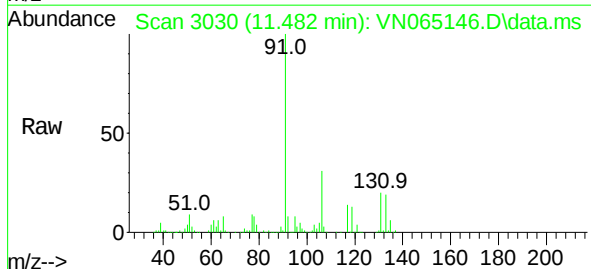


Abundance Scan 3030 (11.482 min): VN065141.D\data.ms (-3030) (-)

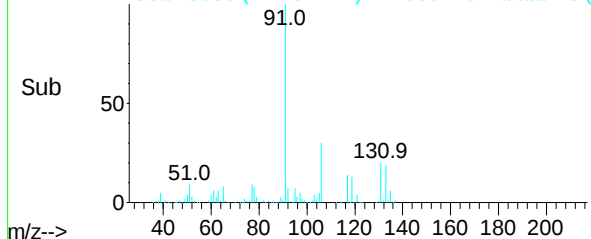


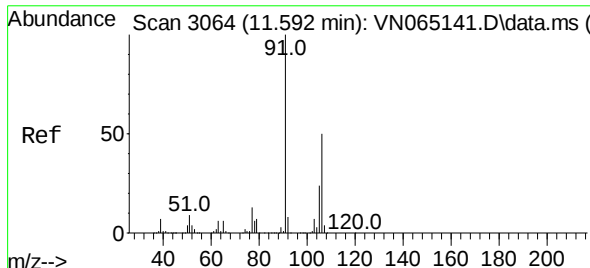
Ethyl Benzene
Concen: 18.70 ug/l
RT: 11.482 min Scan# 3030
Delta R.T. 0.000 min
Lab File: VN065146.D
Acq: 15 Dec 2020 16:42

Tgt Ion:	91	Resp:	602746
Ion	Ratio	Lower	Upper
91	100		
106	31.1	23.9	35.9



Abundance Scan 3030 (11.482 min): VN065146.D\data.ms (-2874) (-)





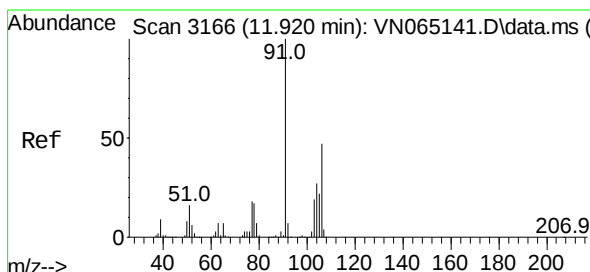
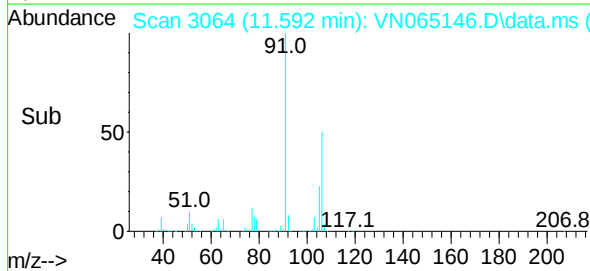
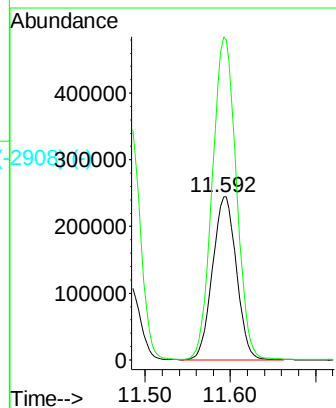
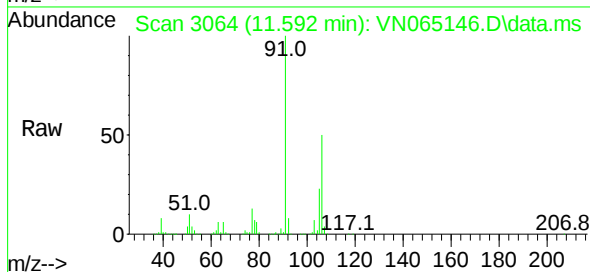
Scan 3064 (11.592 min): VN065141.D\data.ms (-3064) (-)
 m/p-Xylenes
 Concen: 37.82 ug/l
 RT: 11.592 min Scan# 3064
 Delta R.T. 0.000 min
 Lab File: VN065146.D
 Acq: 15 Dec 2020 16:42

Tgt Ion:106 Resp: 474711
 Ion Ratio Lower Upper
 106 100
 91 198.9 168.8 253.2

Instrument :
 MSVOA_N
 ClientSampled :
 ICVVN121520

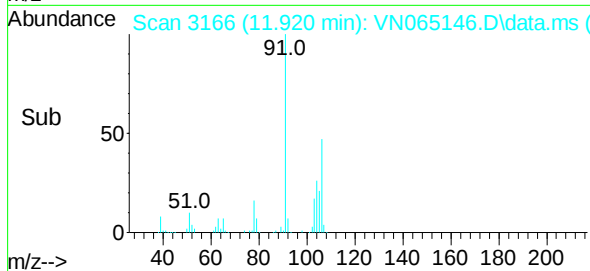
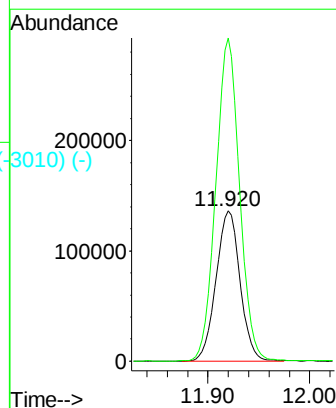
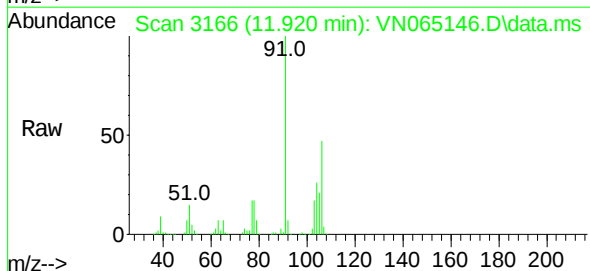
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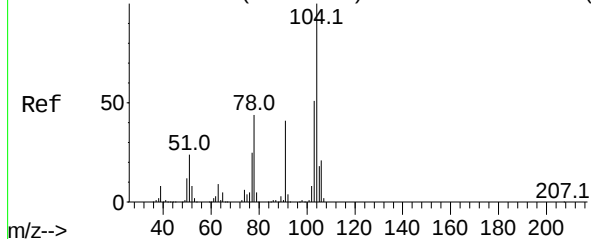


Scan 3166 (11.920 min): VN065141.D\data.ms (-3166) (-)
 o-Xylene
 Concen: 18.85 ug/l
 RT: 11.920 min Scan# 3166
 Delta R.T. 0.000 min
 Lab File: VN065146.D
 Acq: 15 Dec 2020 16:42

Tgt Ion:106 Resp: 223633
 Ion Ratio Lower Upper
 106 100
 91 212.4 109.7 329.2



Abundance Scan 3171 (11.936 min): VN065141.D\data.ms (-3159) (-)



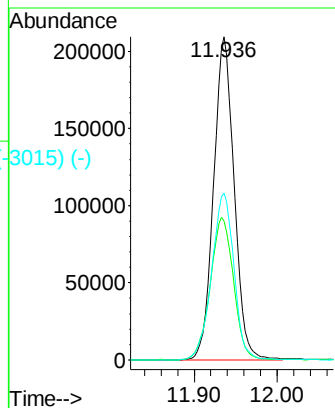
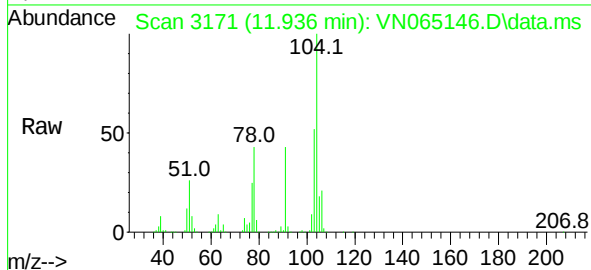
Styrene
Concen: 18.27 ug/l
RT: 11.936 min Scan# 3171
Delta R.T. 0.000 min
Lab File: VN065146.D
Acq: 15 Dec 2020 16:42

Tgt Ion:	104	Resp:	360580
Ion Ratio	Lower	Upper	
104	100		
78	49.7	44.4	66.6
103	55.9	44.6	67.0

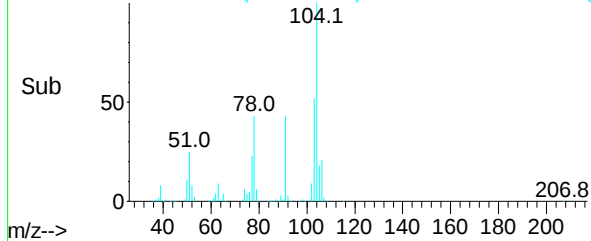
Instrument :
MSVOA_N
ClientSampleId :
ICVVN121520

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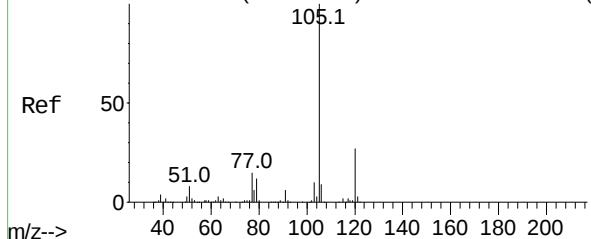
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Abundance Scan 3171 (11.936 min): VN065146.D\data.ms (-3015) (-)

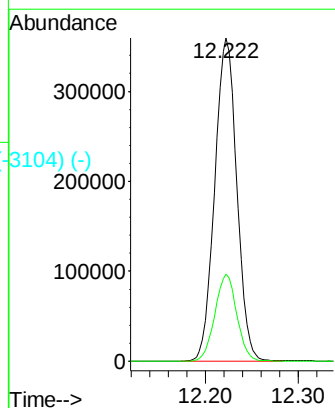
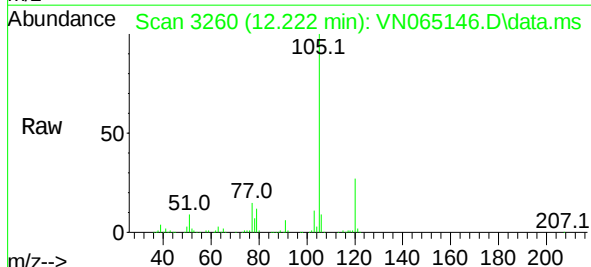


Abundance Scan 3260 (12.222 min): VN065141.D\data.ms (-3276) (-)

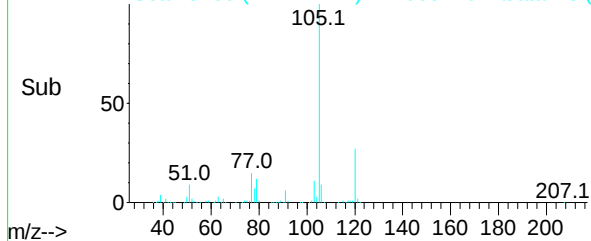


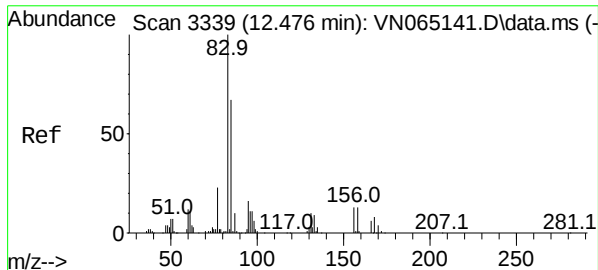
Isopropylbenzene
Concen: 19.08 ug/l
RT: 12.222 min Scan# 3260
Delta R.T. 0.000 min
Lab File: VN065146.D
Acq: 15 Dec 2020 16:42

Tgt Ion:	105	Resp:	591527
Ion Ratio	Lower	Upper	
105	100		
120	26.6	17.9	33.3



Abundance Scan 3260 (12.222 min): VN065146.D\data.ms (-3104) (-)





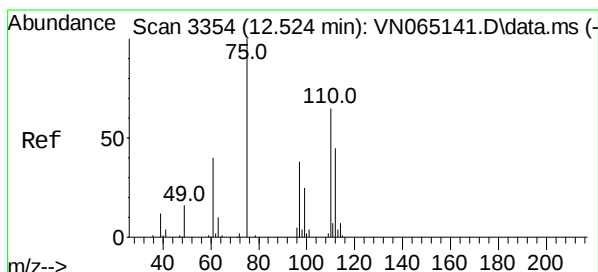
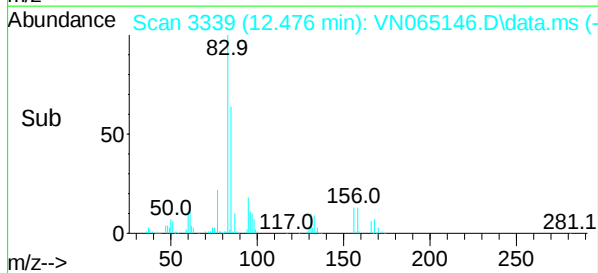
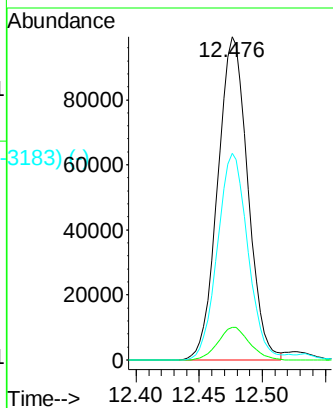
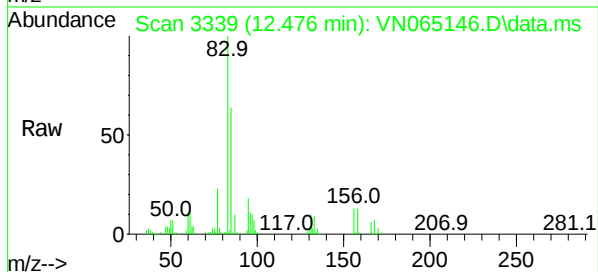
Scan 3339 (12.476 min): VN065141.D\data.ms (-3376) (-)
 1,1,2,2-Tetrachloroethane
 Concen: 18.34 ug/l
 RT: 12.476 min Scan# 3339
 Delta R.T. 0.000 min
 Lab File: VN065146.D
 Acq: 15 Dec 2020 16:42

Tgt Ion:	83	Resp:	164751
Ion	Ratio	Lower	Upper
83	100		
131	10.6	4.6	13.8
85	64.5	31.4	94.0

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN121520

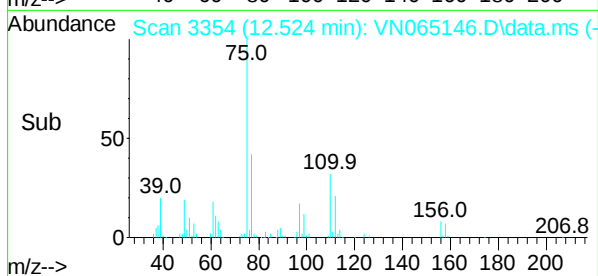
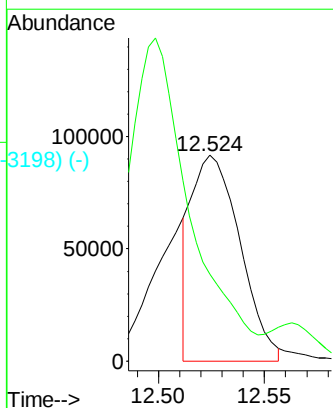
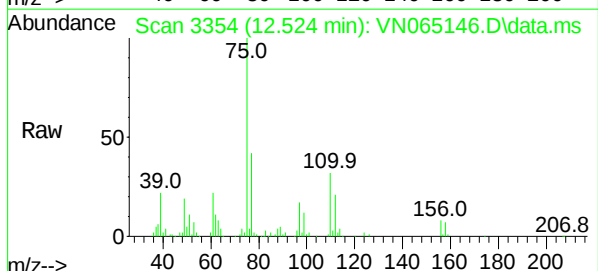
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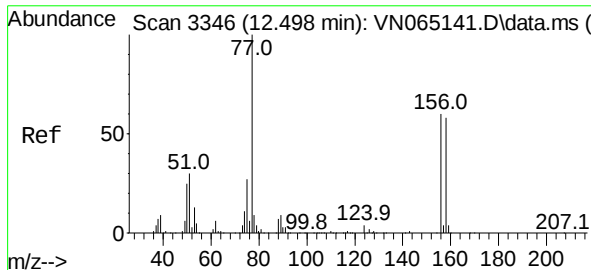
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Scan 3354 (12.524 min): VN065141.D\data.ms (-3379) (-)
 1,2,3-Trichloropropane
 Concen: 16.95 ug/l m
 RT: 12.524 min Scan# 3354
 Delta R.T. 0.000 min
 Lab File: VN065146.D
 Acq: 15 Dec 2020 16:42

Tgt Ion:	75	Resp:	145858
Ion	Ratio	Lower	Upper
75	100		
77	202.5	0.0	379.4





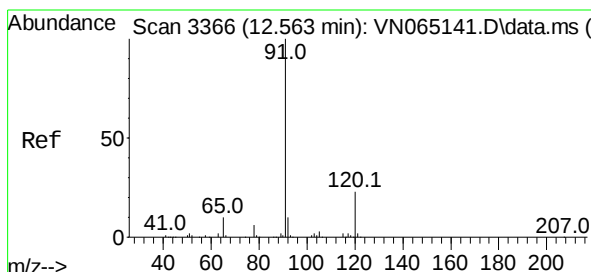
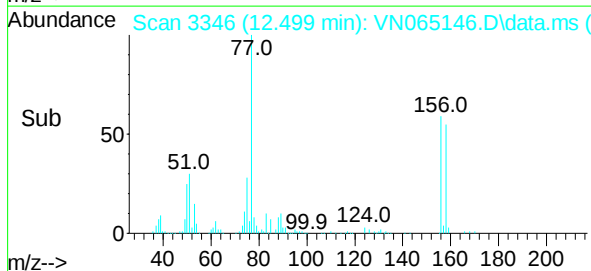
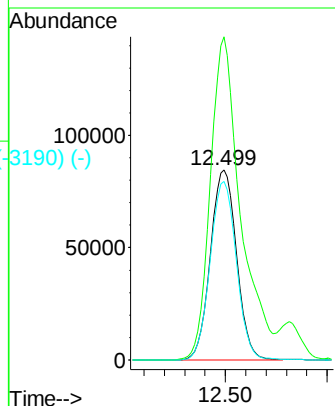
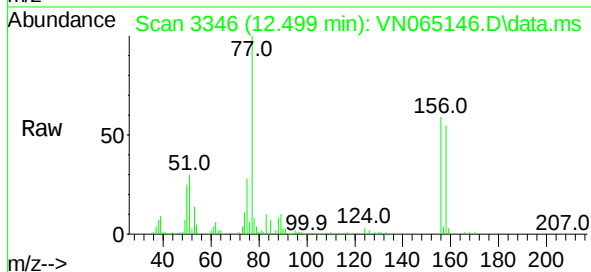
Bromobenzene
 Concen: 18.75 ug/l
 RT: 12.499 min Scan# 3346
 Delta R.T. 0.000 min
 Lab File: VN065146.D
 Acq: 15 Dec 2020 16:42

Tgt Ion:	156	Resp:	150967
Ion	Ratio	Lower	Upper
156	100		
77	195.7	0.0	480.2
158	94.2	0.0	194.0

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN121520

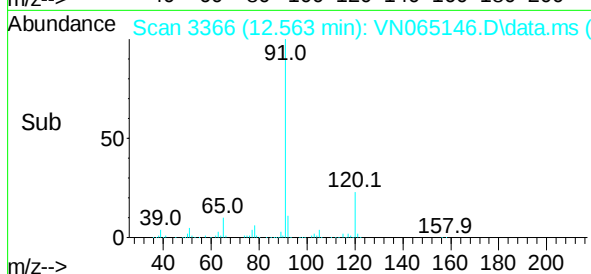
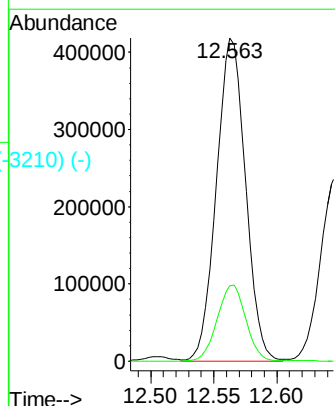
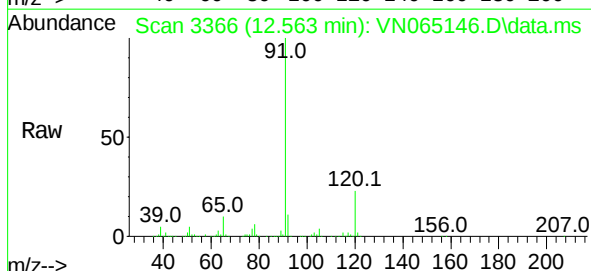
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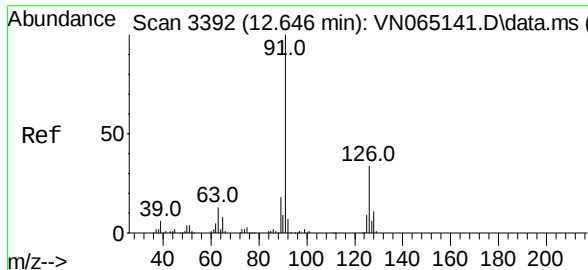
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n-propylbenzene
 Concen: 18.95 ug/l
 RT: 12.563 min Scan# 3366
 Delta R.T. 0.000 min
 Lab File: VN065146.D
 Acq: 15 Dec 2020 16:42

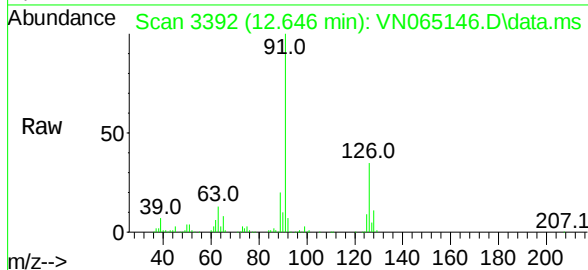
Tgt Ion:	91	Resp:	670186
Ion	Ratio	Lower	Upper
91	100		
120	23.2	0.0	42.8





2-Chlorotoluene
Concen: 18.81 ug/l
RT: 12.646 min Scan# 3392
Delta R.T. 0.000 min
Lab File: VN065146.D
Acq: 15 Dec 2020 16:42

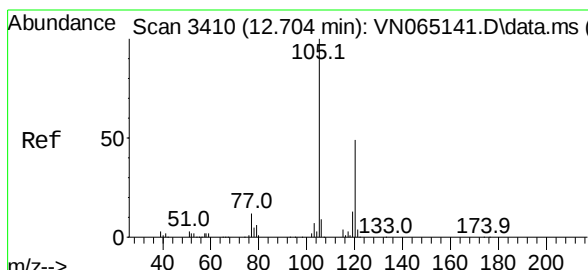
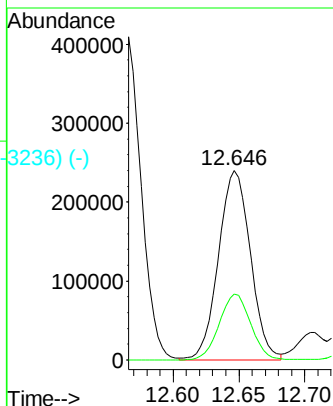
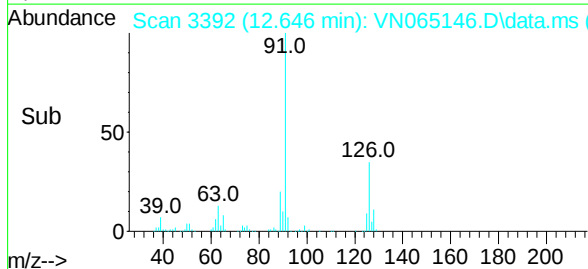
Instrument :
MSVOA_N
ClientSampleId :
ICVVN121520



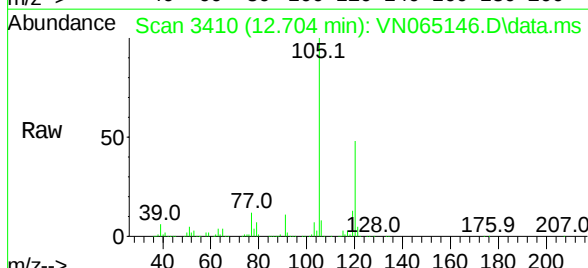
Tgt Ion: 91 Resp: 404744
Ion Ratio Lower Upper
91 100
126 34.2 0.0 61.8

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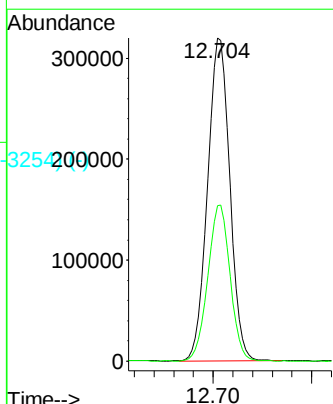
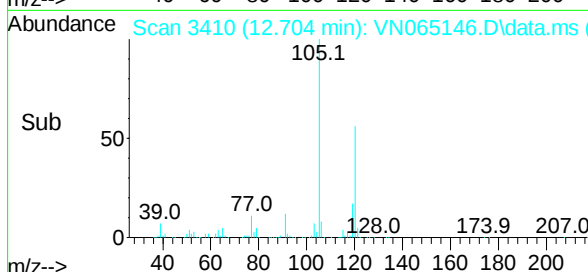
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1,3,5-Trimethylbenzene
Concen: 18.72 ug/l
RT: 12.704 min Scan# 3410
Delta R.T. 0.000 min
Lab File: VN065146.D
Acq: 15 Dec 2020 16:42

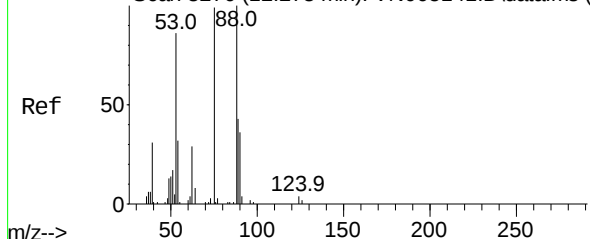


Tgt Ion: 105 Resp: 500744
Ion Ratio Lower Upper
105 100
120 48.6 0.0 90.4



Abundance Scan 3276 (12.273 min): VN065141.D\data.ms (-3276) (-)

t-1,4-Dichloro-2-butene
Concen: 17.02 ug/l
RT: 12.273 min Scan# 3276
Delta R.T. 0.000 min
Lab File: VN065146.D
Acq: 15 Dec 2020 16:42

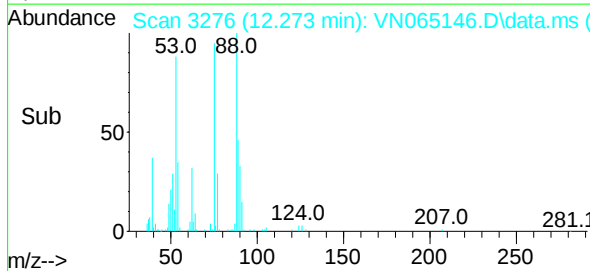
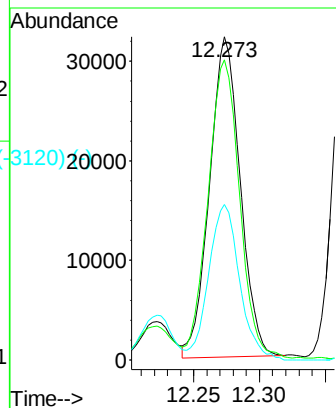
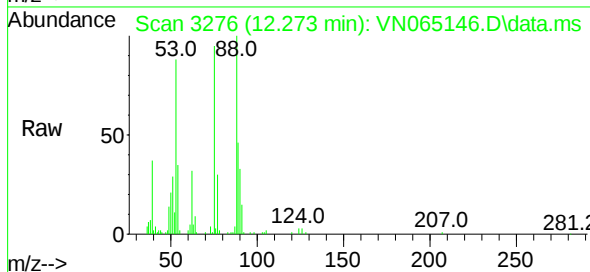


Tgt Ion:	75	Resp:	51750
Ion	Ratio	Lower	Upper
75	100		
53	93.3	50.3	150.9
89	48.8	23.3	69.8

Instrument :
MSVOA_N
ClientSampleId :
ICVVN121520

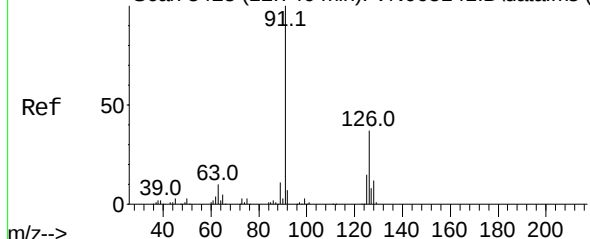
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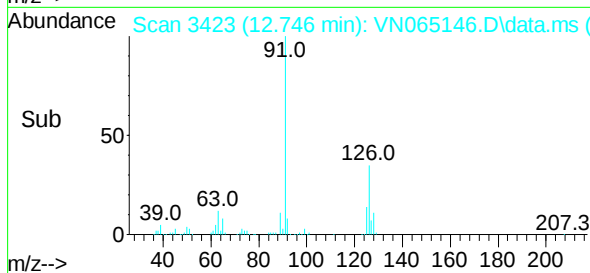
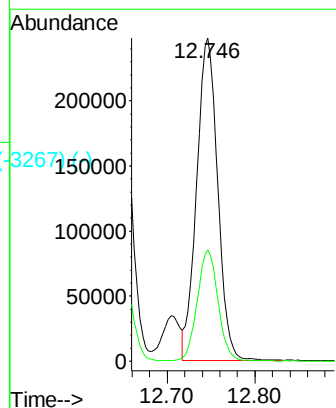
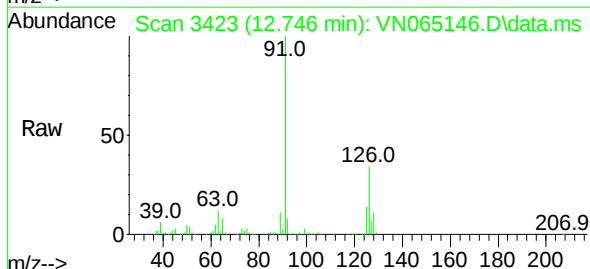


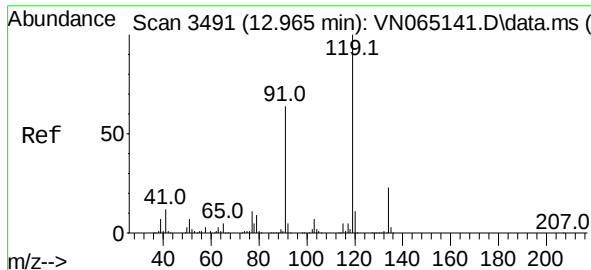
Abundance Scan 3423 (12.746 min): VN065141.D\data.ms (-3423) (-)

4-Chlorotoluene
Concen: 18.75 ug/l
RT: 12.746 min Scan# 3423
Delta R.T. 0.000 min
Lab File: VN065146.D
Acq: 15 Dec 2020 16:42



Tgt Ion:	91	Resp:	411910
Ion	Ratio	Lower	Upper
91	100		
126	33.4	0.0	61.8





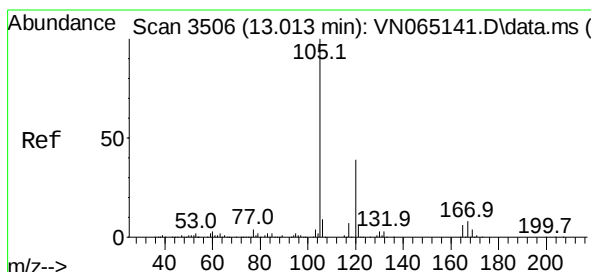
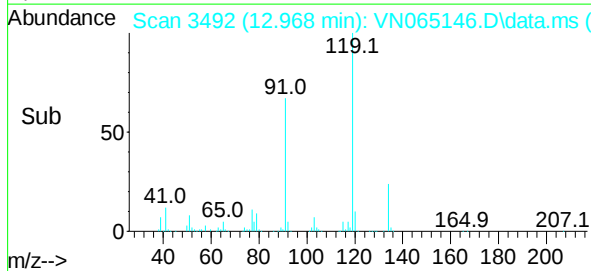
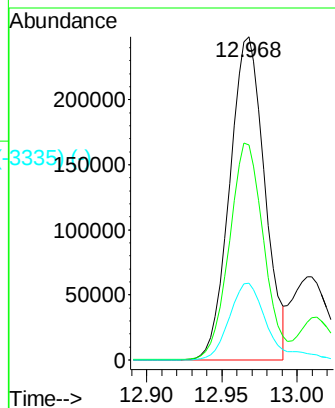
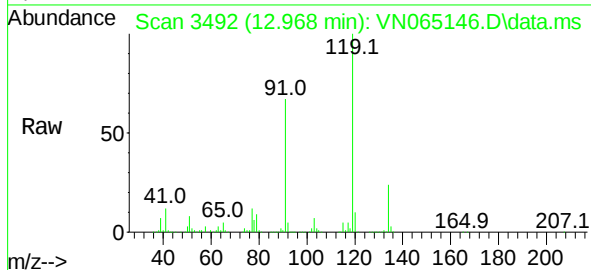
tert-butylbenzene
Concen: 17.84 ug/l
RT: 12.968 min Scan# 3492
Delta R.T. 0.003 min
Lab File: VN065146.D
Acq: 15 Dec 2020 16:42

Tgt Ion:	119	Resp:	400576
Ion	Ratio	Lower	Upper
119	100		
91	65.9	0.0	147.8
134	25.8	0.0	50.6

Instrument :
MSVOA_N
ClientSampleId :
ICVVN121520

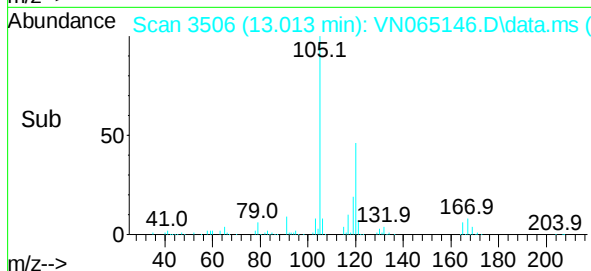
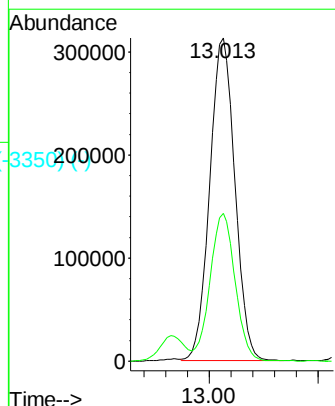
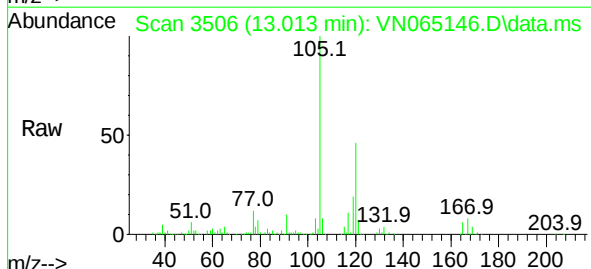
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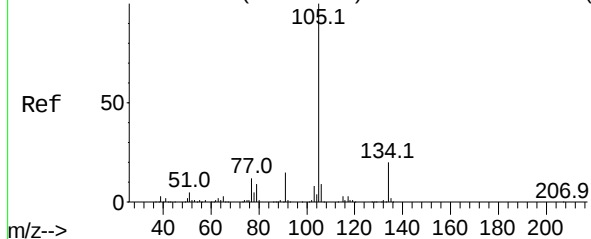


1,2,4-Trimethylbenzene
Concen: 18.90 ug/l
RT: 13.013 min Scan# 3506
Delta R.T. 0.000 min
Lab File: VN065146.D
Acq: 15 Dec 2020 16:42

Tgt Ion:	105	Resp:	501377
Ion	Ratio	Lower	Upper
105	100		
120	45.6	0.0	88.6



Abundance Scan 3547 (13.145 min): VN065141.D\data.ms (-3582) (-)



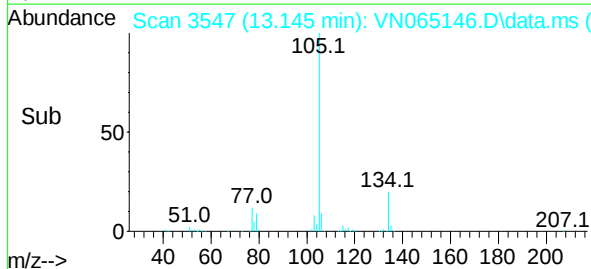
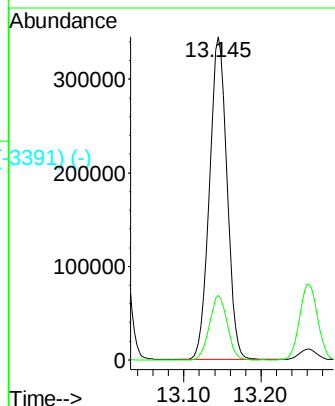
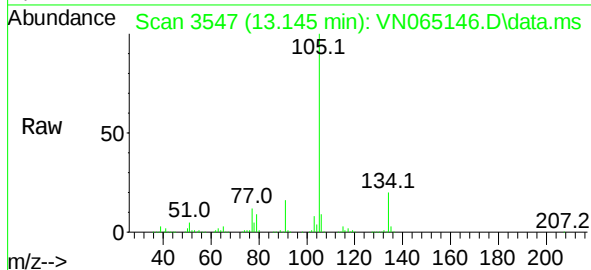
sec-Butylbenzene
Concen: 18.77 ug/l
RT: 13.145 min Scan# 3547
Delta R.T. 0.000 min
Lab File: VN065146.D
Acq: 15 Dec 2020 16:42

Tgt Ion:105 Resp: 546803
Ion Ratio Lower Upper
105 100
134 20.2 0.0 37.8

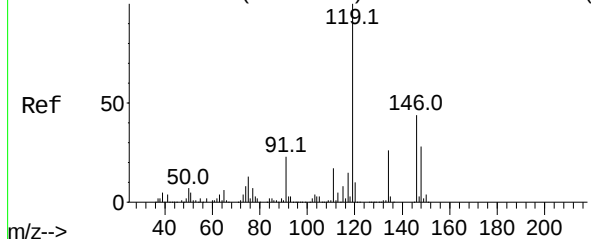
Instrument :
MSVOA_N
ClientSampleId :
ICVVN121520

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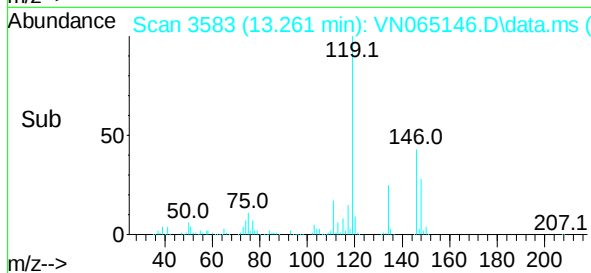
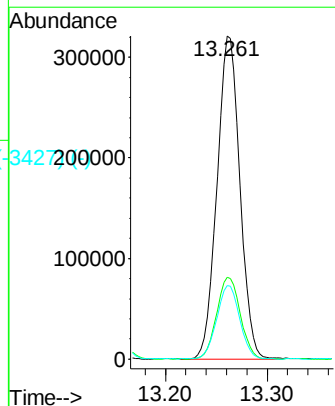
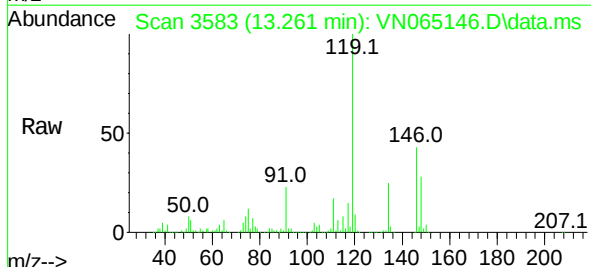


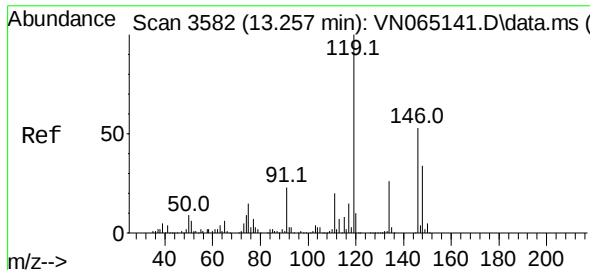
Abundance Scan 3583 (13.261 min): VN065141.D\data.ms (-3582) (-)



p-Isopropyltoluene
Concen: 18.36 ug/l
RT: 13.261 min Scan# 3583
Delta R.T. 0.000 min
Lab File: VN065146.D
Acq: 15 Dec 2020 16:42

Tgt Ion:119 Resp: 502739
Ion Ratio Lower Upper
119 100
134 26.2 0.0 53.0
91 22.7 0.0 53.2





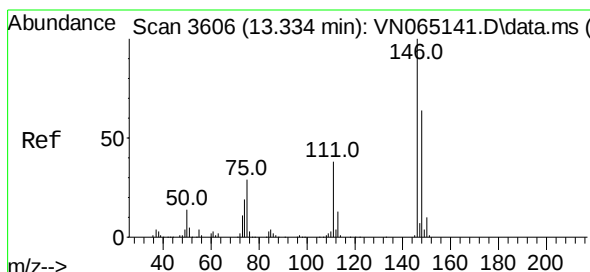
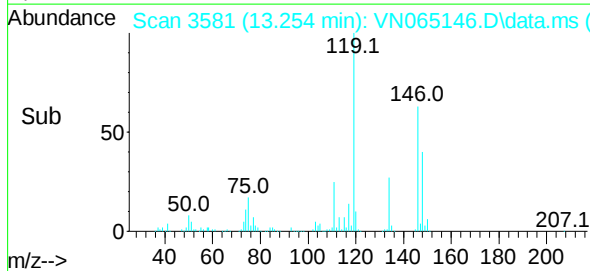
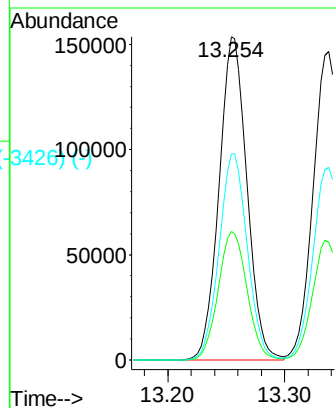
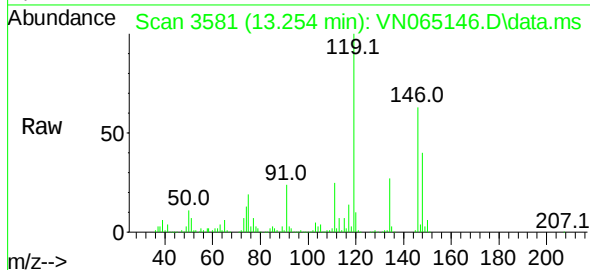
1,3-Dichlorobenzene
Concen: 17.74 ug/l
RT: 13.254 min Scan# 3581
Delta R.T. -0.003 min
Lab File: VN065146.D
Acq: 15 Dec 2020 16:42

Tgt Ion:	146	Resp:	254355
Ion	Ratio	Lower	Upper
146	100		
111	41.0	22.3	66.9
148	64.5	31.8	95.3

Instrument :
MSVOA_N
ClientSampleId :
ICVVN121520

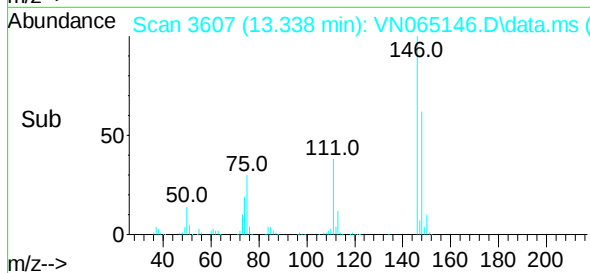
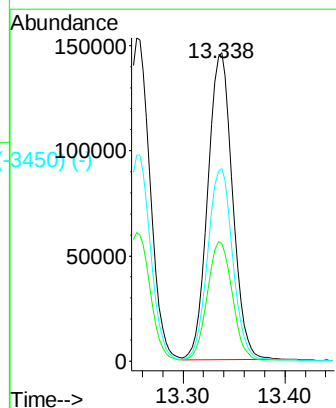
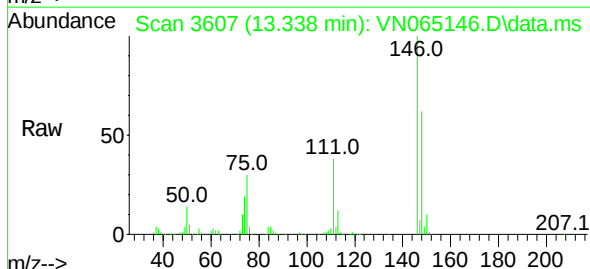
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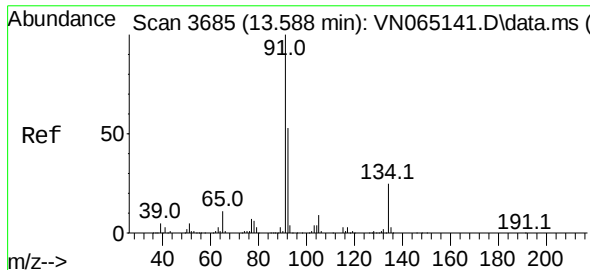
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1,4-Dichlorobenzene
Concen: 16.36 ug/l
RT: 13.338 min Scan# 3607
Delta R.T. 0.003 min
Lab File: VN065146.D
Acq: 15 Dec 2020 16:42

Tgt Ion:	146	Resp:	245658
Ion	Ratio	Lower	Upper
146	100		
111	39.6	21.8	65.4
148	62.4	31.5	94.5





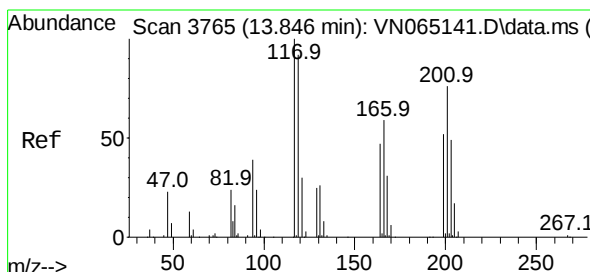
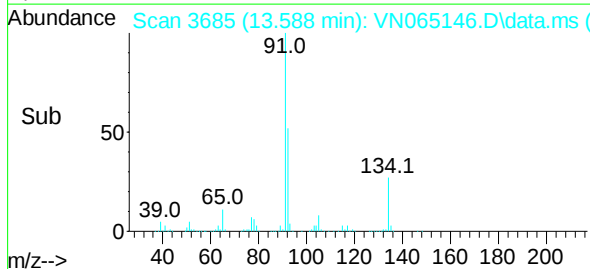
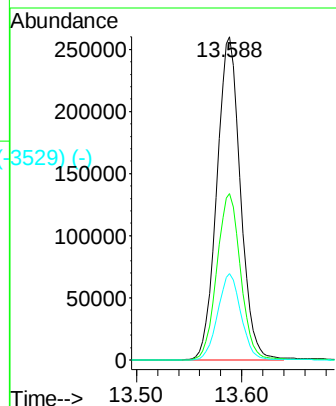
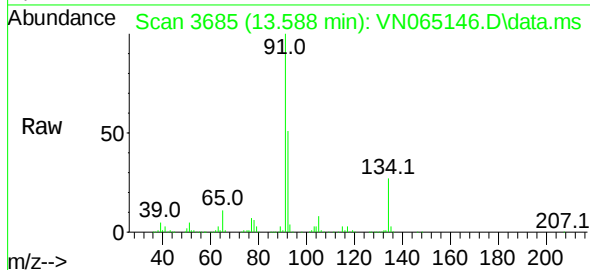
n-Butylbenzene
Concen: 16.73 ug/l
RT: 13.588 min Scan# 3685
Delta R.T. 0.000 min
Lab File: VN065146.D
Acq: 15 Dec 2020 16:42

Tgt Ion:	91	Resp:	404284
Ion	Ratio	Lower	Upper
91	100		
92	51.9	0.0	101.4
134	26.3	0.0	45.2

Instrument :
MSVOA_N
ClientSampleId :
ICVVN121520

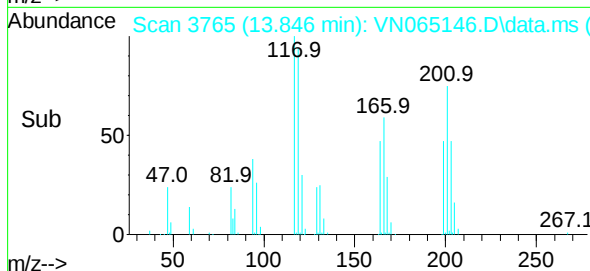
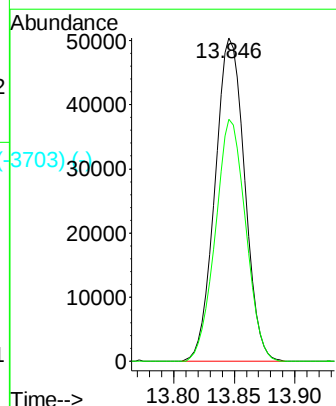
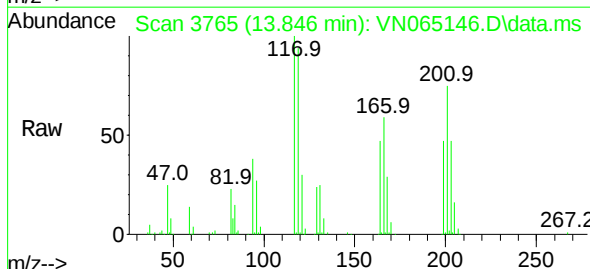
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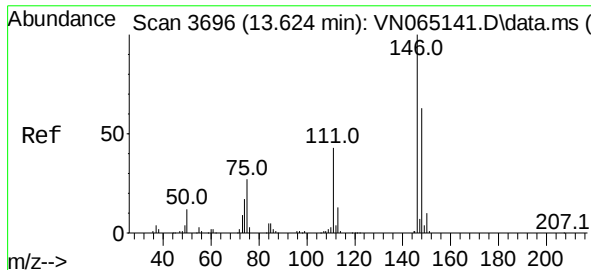
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Hexachloroethane
Concen: 16.21 ug/l
RT: 13.846 min Scan# 3765
Delta R.T. 0.000 min
Lab File: VN065146.D
Acq: 15 Dec 2020 16:42

Tgt Ion:	117	Resp:	85303
Ion	Ratio	Lower	Upper
117	100		
201	76.5	33.1	99.3





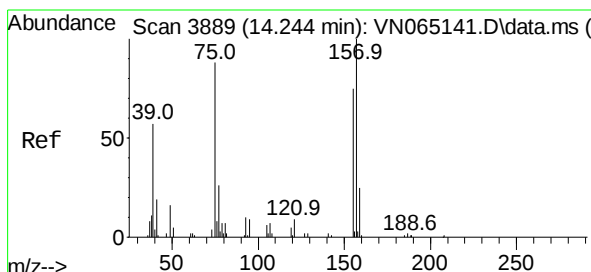
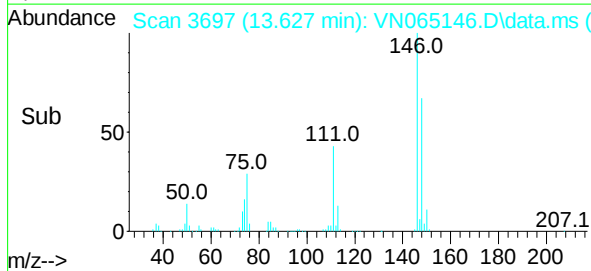
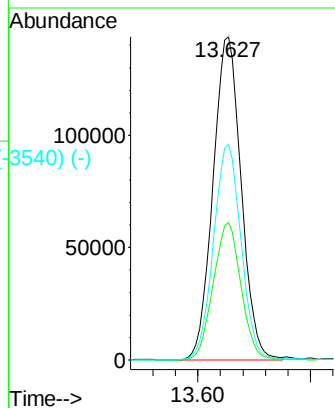
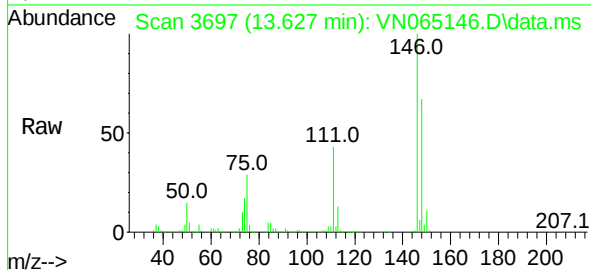
1,2-Dichlorobenzene
Concen: 16.74 ug/l
RT: 13.627 min Scan# 3697
Delta R.T. 0.003 min
Lab File: VN065146.D
Acq: 15 Dec 2020 16:42

Tgt Ion:	146	Resp:	249066
Ion	Ratio	Lower	Upper
146	100		
111	42.0	23.1	69.2
148	65.3	32.6	97.8

Instrument :
MSVOA_N
ClientSampleId :
ICVVN121520

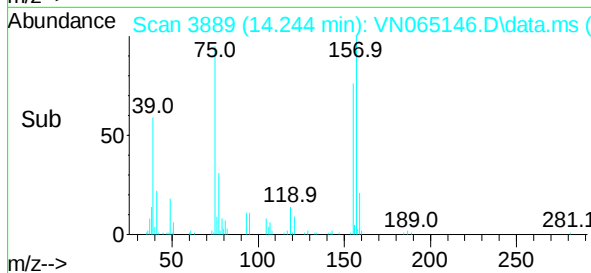
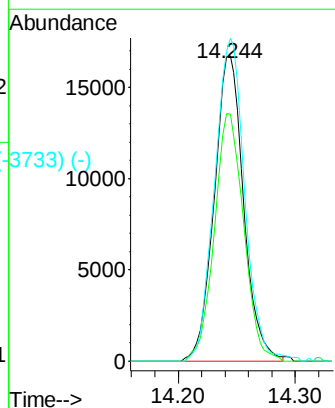
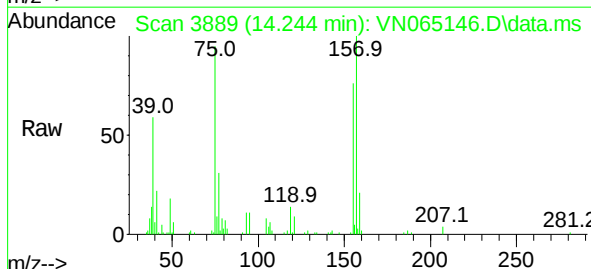
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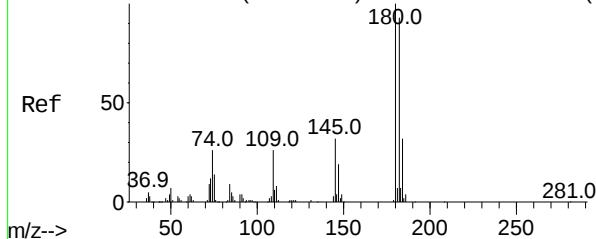


1,2-Dibromo-3-Chloropropane
Concen: 16.68 ug/l
RT: 14.244 min Scan# 3889
Delta R.T. 0.000 min
Lab File: VN065146.D
Acq: 15 Dec 2020 16:42

Tgt Ion:	75	Resp:	29229
Ion	Ratio	Lower	Upper
75	100		
155	80.8	56.5	84.7
157	107.8	69.7	104.5#



Abundance Scan 4087 (14.881 min): VN065141.D\data.ms (-4078) (-)



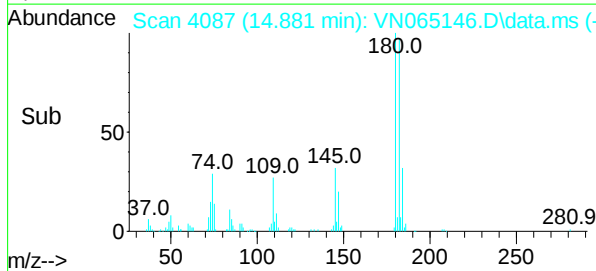
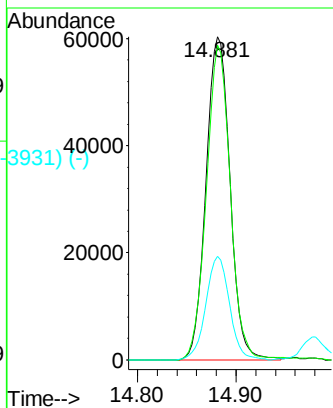
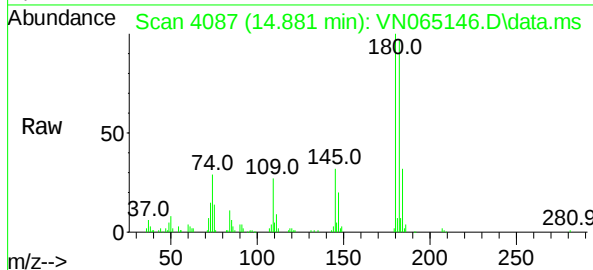
1,2,4-Trichlorobenzene
Concen: 15.28 ug/l
RT: 14.881 min Scan# 4087
Delta R.T. 0.000 min
Lab File: VN065146.D
Acq: 15 Dec 2020 16:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	79.4	119.0
145	31.4	27.6	41.4

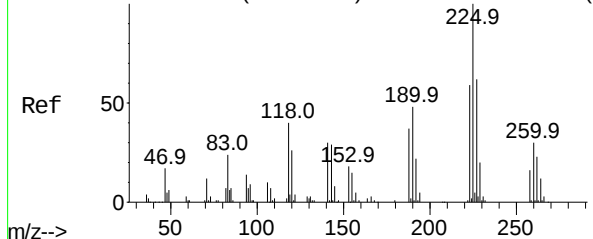
Instrument :
MSVOA_N
ClientSampleId :
ICVVN121520

Manual Integrations
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MMDadoda
12/16/2020 1:47:33 PM

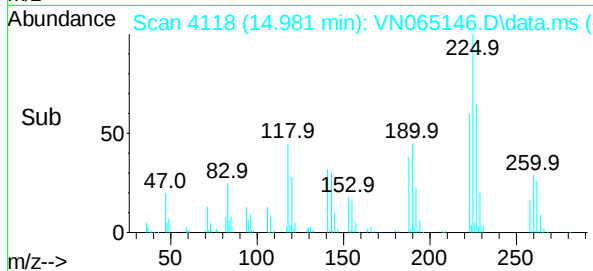
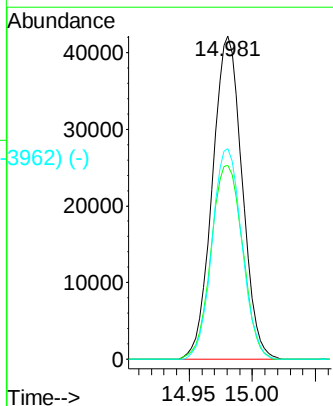
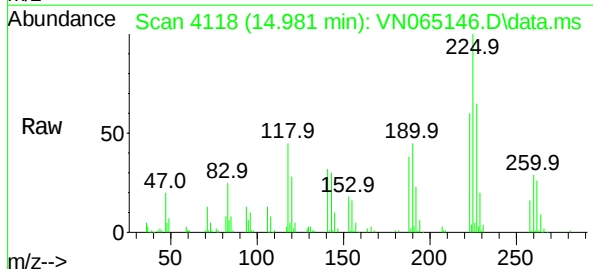


Abundance Scan 4118 (14.981 min): VN065141.D\data.ms (-4106) (-)

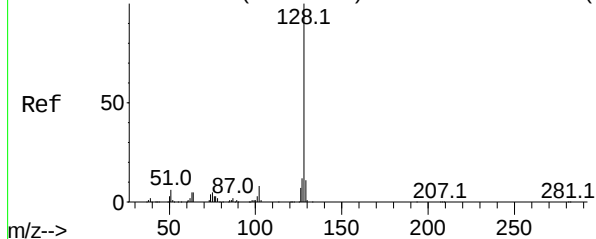


Hexachlorobutadiene
Concen: 16.34 ug/l
RT: 14.981 min Scan# 4118
Delta R.T. 0.000 min
Lab File: VN065146.D
Acq: 15 Dec 2020 16:42

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	0.0	125.4
227	65.0	0.0	122.0



Abundance Scan 4156 (15.103 min): VN065141.D\data.ms (-4192)



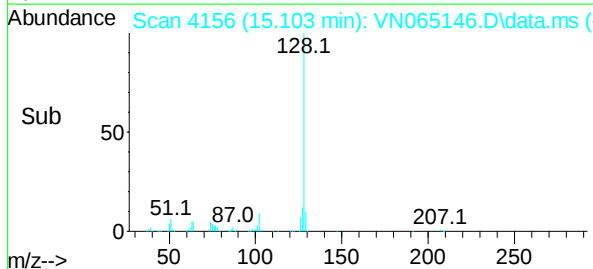
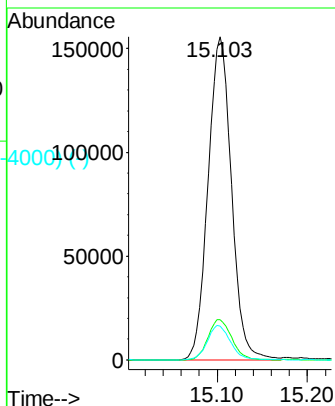
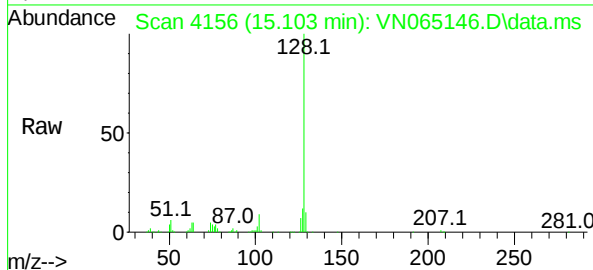
Naphthalene
Concen: 14.91 ug/l
RT: 15.103 min Scan# 4156
Delta R.T. 0.000 min
Lab File: VN065146.D
Acq: 15 Dec 2020 16:42

Tgt Ion:	128	Resp:	281823
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.2	15.4
129	10.6	8.5	12.7

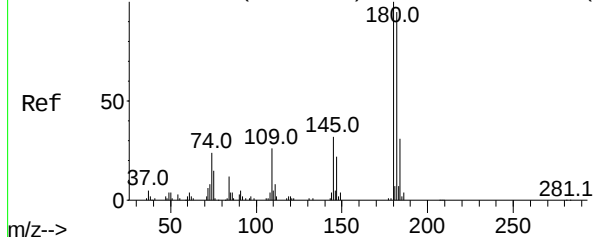
Instrument :
MSVOA_N
ClientSampleId :
ICVVN121520

Manual Integrations
APPROVED

MMDadoda
12/16/2020 1:47:33 PM



Abundance Scan 4212 (15.283 min): VN065141.D\data.ms (-4192)



1,2,3-Trichlorobenzene
Concen: 15.55 ug/l
RT: 15.283 min Scan# 4212
Delta R.T. 0.000 min
Lab File: VN065146.D
Acq: 15 Dec 2020 16:42

Tgt Ion:	180	Resp:	98112
Ion Ratio	Lower	Upper	
180	100		
182	94.5	0.0	186.0
145	33.4	0.0	69.6

