

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121520\
 Data File : VN065143.D
 Acq On : 15 Dec 2020 14:32
 Operator : JC/MD
 Sample : VSTDIC100
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 12/16/2020 1:47:27 PM

Quant Time: Dec 15 15:03:19 2020
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N121520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Dec 15 14:21:09 2020
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.151	128	111599	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.550	114	576097	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.380	117	534106	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.987	65	212558	22.80	ug/l	0.00
Spiked Amount	30.000	Range 91 - 110	Recovery	=	76.00%#	
60) 4-Bromofluorobenzene	12.373	95	255052	28.55	ug/l	0.00
Spiked Amount	30.000	Range 63 - 112	Recovery	=	95.17%	
63) Toluene-d8	10.058	98	731851	29.54	ug/l	0.00
Spiked Amount	30.000	Range 91 - 112	Recovery	=	98.47%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.830	85	666027	92.37	ug/l	97
3) Chloromethane	2.036	50	764748	91.89	ug/l	98
4) Vinyl Chloride	2.164	62	803535	89.78	ug/l	98
5) Bromomethane	2.518	94	496783	86.10	ug/l	95
6) Chloroethane	2.666	64	435288	80.01	ug/l	98
7) Trichlorofluoromethane	2.984	101	1099851	86.00	ug/l	95
8) Diethyl Ether	3.373	74	408104	89.22	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.721	101	643394	103.49	ug/l	49
10) 1,1-Dichloroethene	3.698	96	636132	105.69	ug/l	83
11) Methyl Iodide	3.910	142	940902	123.25	ug/l	92
12) Methyl Acetate	4.274	43	589849	84.49	ug/l	94
13) Acrolein	3.563	56	435159	571.99	ug/l	99
14) Acrylonitrile	4.926	53	1518773	475.68	ug/l	97
15) Acetone	3.772	58	431353	423.24	ug/l	68
16) Carbon Disulfide	4.010	76	1886006	103.92	ug/l	99
17) Allyl chloride	4.277	41	1000754	93.45	ug/l	84
18) Methylene Chloride	4.502	84	733676	102.54	ug/l	89
19) trans-1,2-Dichloroethene	4.988	96	691087	101.74	ug/l	91
20) Diisopropyl ether	5.901	45	2045111	85.88	ug/l #	91
21) 1,1-Dichloroethane	5.798	63	1230722	92.77	ug/l	96
22) cis-1,2-Dichloroethene	6.778	96	780790	100.87	ug/l	85
23) tert-Butyl Alcohol	4.727	59	464289	438.58	ug/l #	100
24) Methyl tert-Butyl Ether	4.991	73	1966770	94.79	ug/l #	88
25) Chloroform	7.325	83	1250250	90.66	ug/l	100
26) Cyclohexane	7.614	56	1055973	102.23	ug/l #	92
29) 1,1-Dichloropropene	7.753	75	975328	99.37	ug/l	97
30) 2-Butanone	6.782	43	1885184	403.72	ug/l #	73
31) 2,2-Dichloropropane	6.775	77	1031941	89.94	ug/l	94
32) 1,1,1-Trichloroethane	7.528	97	1091217	91.36	ug/l	95
33) Carbon Tetrachloride	7.733	117	997260	93.19	ug/l	99
34) Benzene	8.000	78	2900284	100.40	ug/l #	85
35) Methacrylonitrile	7.122	41	367782	80.97	ug/l	86
36) 1,2-Dichloroethane	8.084	62	927794	81.71	ug/l #	92
37) Trichloroethene	8.801	130	780584	105.38	ug/l	91
38) Methylcyclohexane	9.045	83	1152120	124.59	ug/l	91
39) 1,2-Dichloropropane	9.084	63	760108	98.82	ug/l	100
40) Dibromomethane	9.174	93	487598	94.50	ug/l	87
41) Bromodichloromethane	9.370	83	1000927	90.84	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Vinyl Acetate	5.840	43	8307954	435.56	ug/l #	94
43) Ethyl Acetate	6.878	43	800171	84.62	ug/l	97
44) Isopropyl Acetate	8.122	43	1305784	82.01	ug/l #	85
45) 1,4-Dioxane	9.164	88	233502	2043.59	ug/l #	90
46) Methyl methacrylate	9.164	41	638606	81.24	ug/l	80
47) n-amyl Acetate	12.042	43	1156625	84.52	ug/l	96
48) t-1,3-Dichloropropene	10.351	75	1120500	95.61	ug/l	99
49) cis-1,3-Dichloropropene	9.807	75	1219286	97.90	ug/l #	82
50) 1,1,2-Trichloroethane	10.531	97	696583	97.31	ug/l	97
51) Ethyl methacrylate	10.399	69	1034334	101.79	ug/l	80
52) 1,3-Dichloropropane	10.675	76	1181155	96.61	ug/l	99
53) Dibromochloromethane	10.872	129	826919	101.35	ug/l	98
54) 1,2-Dibromoethane	10.974	107	739715	100.65	ug/l	98
55) 2-Chloroethyl vinyl ether	9.663	63	2542122	487.41	ug/l	97
56) Bromoform	12.100	173	573206	105.91	ug/l #	96
58) 4-Methyl-2-Pentanone	9.952	43	3867506	413.29	ug/l #	89
59) 2-Hexanone	10.720	43	2828128	406.05	ug/l #	86
61) Tetrachloroethene	10.601	164	765778	110.64	ug/l	93
62) Toluene	10.122	91	3135746	100.63	ug/l	98
64) Chlorobenzene	11.405	112	1981426	106.17	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.479	131	736833	101.78	ug/l	99
66) Ethyl Benzene	11.482	91	3466536	103.17	ug/l	94
67) m/p-Xylenes	11.592	106	2704499	216.76	ug/l	89
68) o-Xylene	11.920	106	1290283	109.10	ug/l	93
69) Styrene	11.936	104	2180138	108.17	ug/l	94
70) Isopropylbenzene	12.222	105	3353430	108.34	ug/l	97
71) 1,1,2,2-Tetrachloroethane	12.476	83	936821	96.16	ug/l	98
72) 1,2,3-Trichloropropane	12.527	75	890383m	91.59	ug/l	
73) Bromobenzene	12.498	156	847262	109.44	ug/l	83
74) n-propylbenzene	12.563	91	3829623	105.75	ug/l	94
75) 2-Chlorotoluene	12.646	91	2284221	101.07	ug/l	94
76) 1,3,5-Trimethylbenzene	12.707	105	2880707	109.97	ug/l	94
77) t-1,4-Dichloro-2-butene	12.273	75	339391	96.73	ug/l	87
78) 4-Chlorotoluene	12.746	91	2364705	100.27	ug/l	94
79) tert-butylbenzene	12.968	119	2460905	117.64	ug/l	89
80) 1,2,4-Trimethylbenzene	13.013	105	2895890	109.76	ug/l	97
81) sec-Butylbenzene	13.145	105	3179007	116.02	ug/l	97
82) p-Isopropyltoluene	13.261	119	2966023	120.71	ug/l	96
83) 1,3-Dichlorobenzene	13.257	146	1512629	111.69	ug/l	97
84) 1,4-Dichlorobenzene	13.334	146	1493351	111.14	ug/l	96
85) n-Butylbenzene	13.588	91	2502367	117.98	ug/l	96
86) Hexachloroethane	13.846	117	519509	108.41	ug/l	83
87) 1,2-Dichlorobenzene	13.627	146	1435075	108.45	ug/l	96
88) 1,2-Dibromo-3-Chloropr...	14.241	75	177337	87.04	ug/l #	74
89) 1,2,4-Trichlorobenzene	14.881	180	776312	129.78	ug/l	96
90) Hexachlorobutadiene	14.981	225	391694	126.59	ug/l	98
91) Naphthalene	15.100	128	2249928	116.40	ug/l	99
92) 1,2,3-Trichlorobenzene	15.280	180	711515	119.54	ug/l	96

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

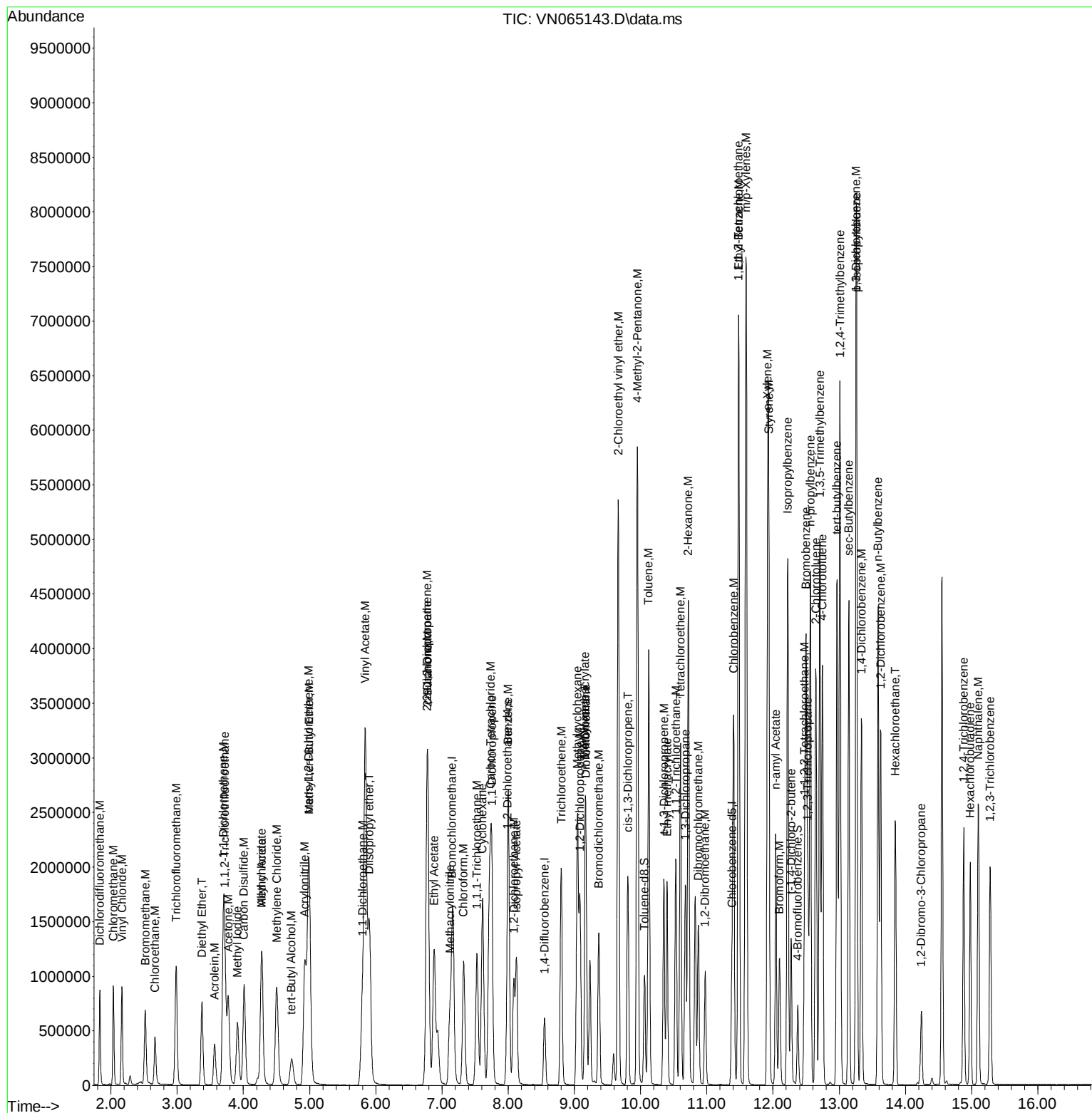
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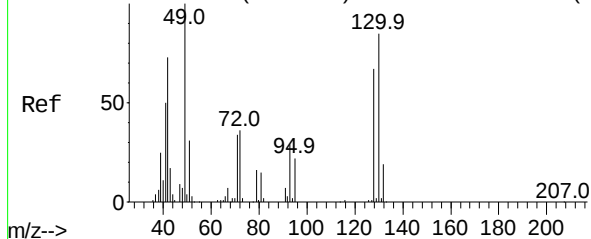
Manual Integrations
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Abundance Scan 1682 (7.148 min): VN065141.D\data.ms (-1662) (-)



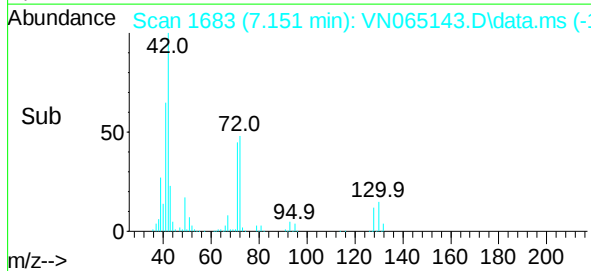
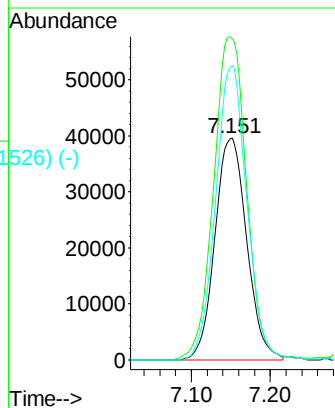
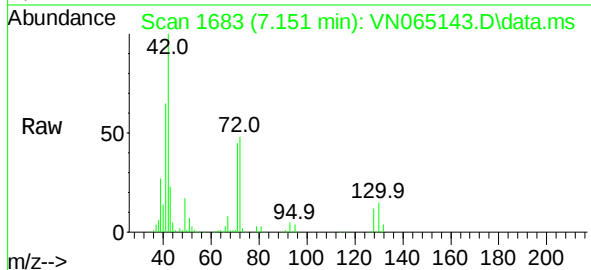
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.151 min Scan# 1683
Delta R.T. 0.003 min
Lab File: VN065143.D
Acq: 15 Dec 2020 14:32

Tgt Ion:128 Resp: 111599
Ion Ratio Lower Upper
128 100
49 150.3 0.0 475.5
130 130.4 0.0 315.3

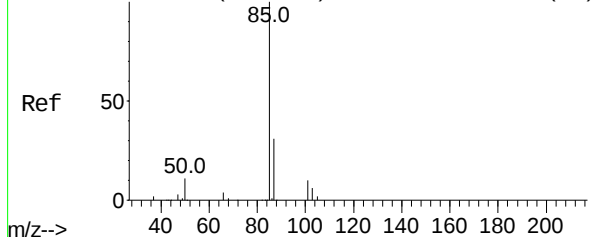
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Manual Integrations
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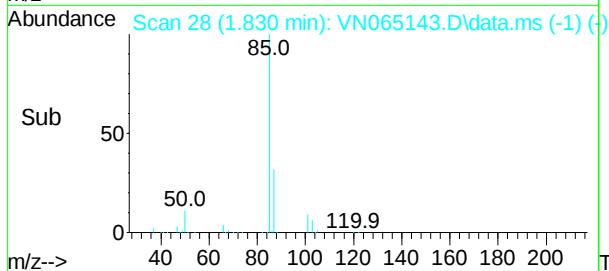
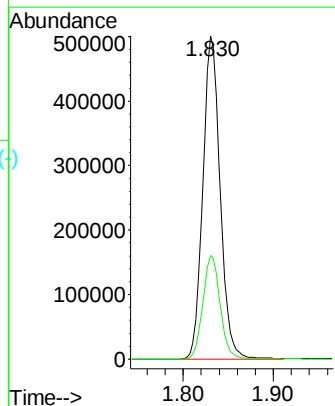
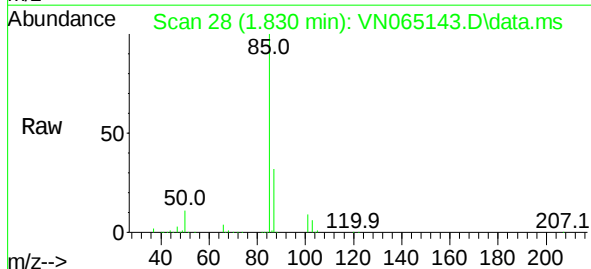


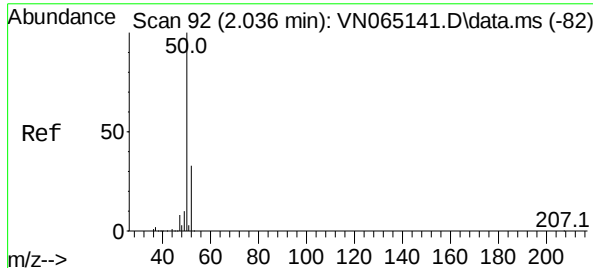
Abundance Scan 29 (1.833 min): VN065141.D\data.ms (-19) (#2)



Dichlorodifluoromethane
Concen: 92.37 ug/l
RT: 1.830 min Scan# 28
Delta R.T. -0.003 min
Lab File: VN065143.D
Acq: 15 Dec 2020 14:32

Tgt Ion: 85 Resp: 666027
Ion Ratio Lower Upper
85 100
87 32.1 17.0 50.9





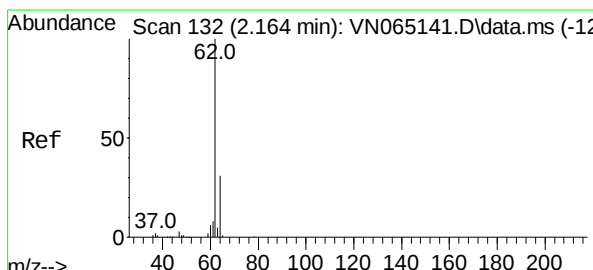
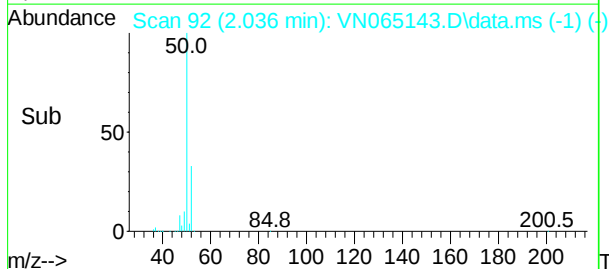
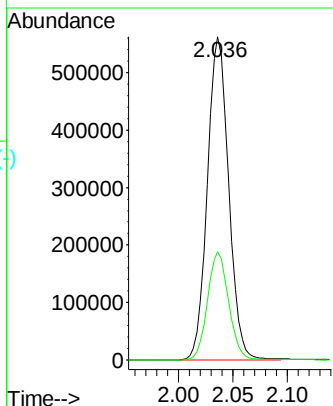
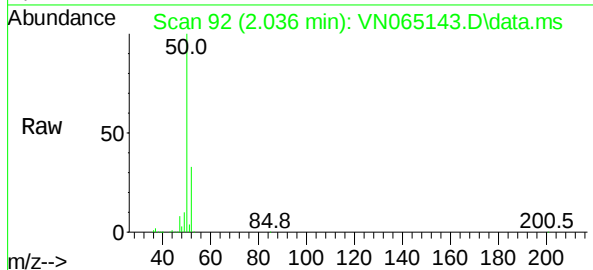
Chloromethane
Concen: 91.89 ug/l
RT: 2.036 min Scan# 92
Delta R.T. 0.000 min
Lab File: VN065143.D
Acq: 15 Dec 2020 14:32

Tgt Ion: 50 Resp: 764748
Ion Ratio Lower Upper
50 100
52 33.4 26.0 39.0

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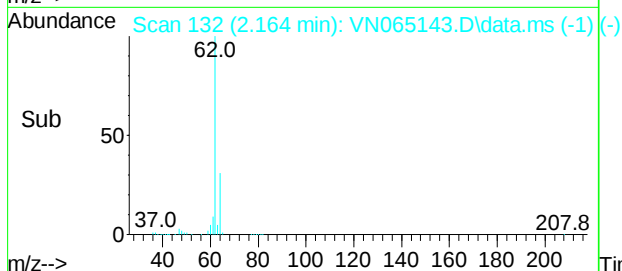
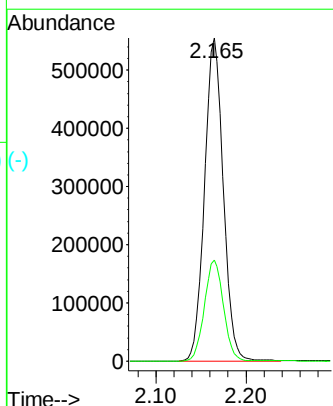
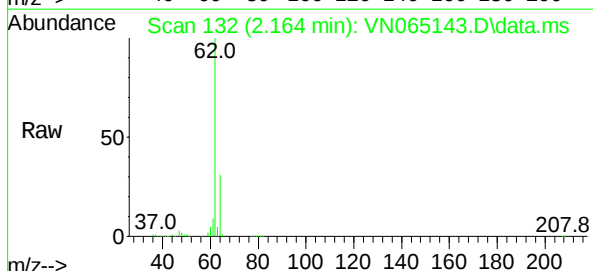
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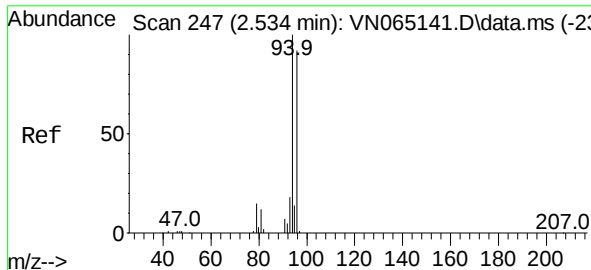
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Vinyl Chloride
Concen: 89.78 ug/l
RT: 2.164 min Scan# 132
Delta R.T. 0.000 min
Lab File: VN065143.D
Acq: 15 Dec 2020 14:32

Tgt Ion: 62 Resp: 803535
Ion Ratio Lower Upper
62 100
64 31.3 25.8 38.8





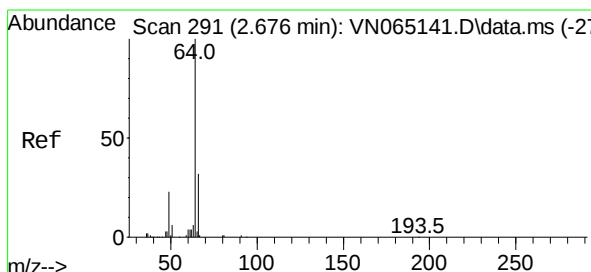
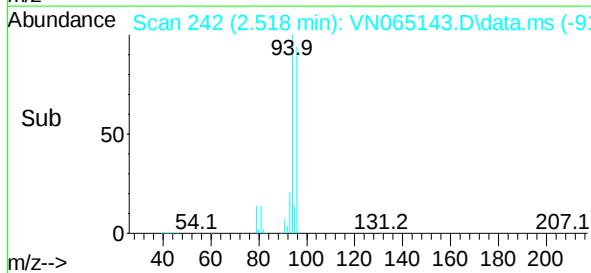
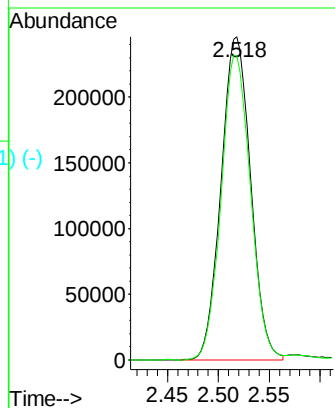
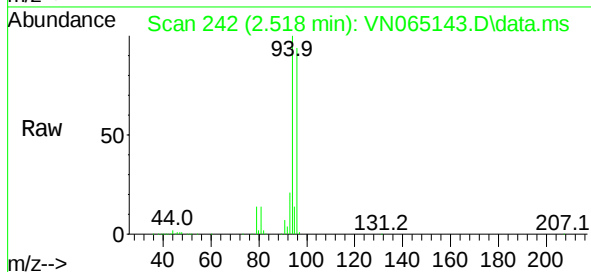
Bromomethane
 Concen: 86.10 ug/l
 RT: 2.518 min Scan# 242
 Delta R.T. -0.016 min
 Lab File: VN065143.D
 Acq: 15 Dec 2020 14:32

Instrument :
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Tgt Ion: 94 Resp: 496783
 Ion Ratio Lower Upper
 94 100
 96 94.1 79.3 118.9

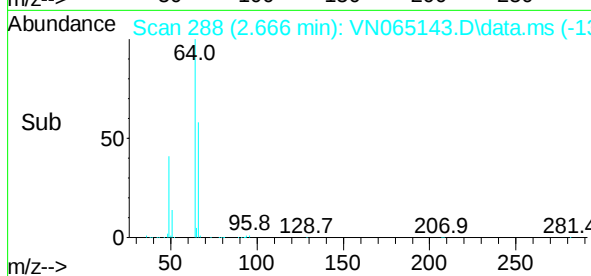
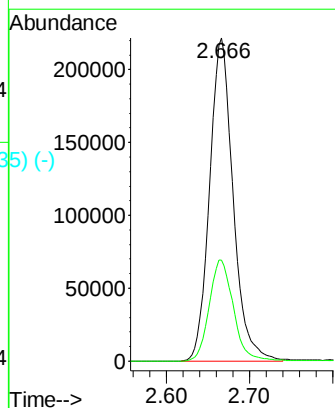
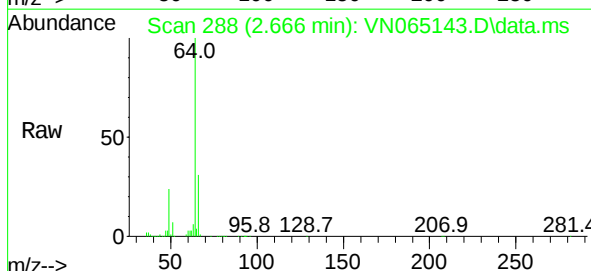
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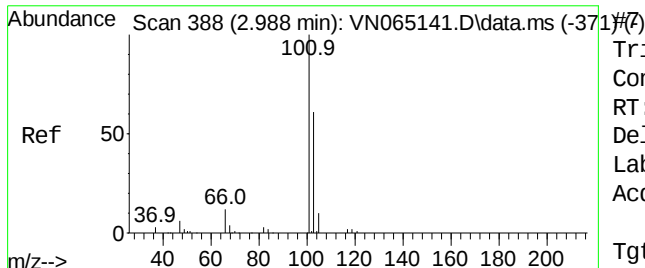
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Chloroethane
 Concen: 80.01 ug/l
 RT: 2.666 min Scan# 288
 Delta R.T. -0.010 min
 Lab File: VN065143.D
 Acq: 15 Dec 2020 14:32

Tgt Ion: 64 Resp: 435288
 Ion Ratio Lower Upper
 64 100
 66 31.4 26.0 39.0





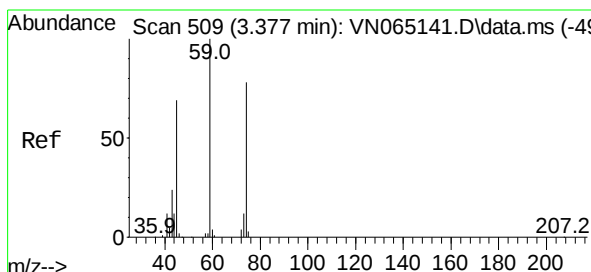
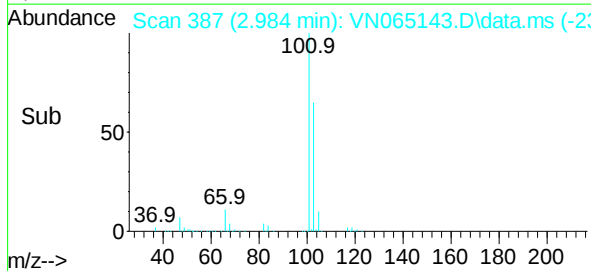
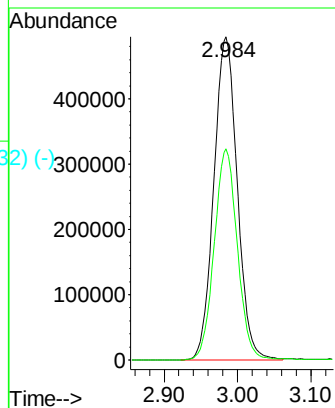
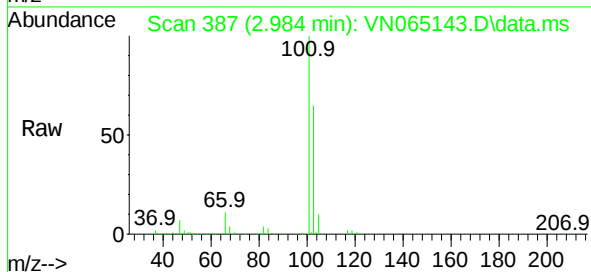
Trichlorofluoromethane
 Concen: 86.00 ug/l
 RT: 2.984 min Scan# 387
 Delta R.T. -0.003 min
 Lab File: VN065143.D
 Acq: 15 Dec 2020 14:32

Instrument :
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 ClientSampleId :
 VSTDIC100

Tgt Ion:101 Resp: 1099851
 Ion Ratio Lower Upper
 101 100
 103 65.4 49.3 73.9

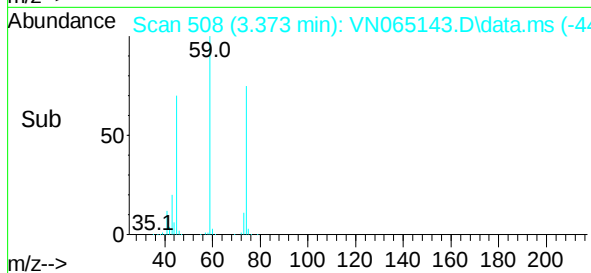
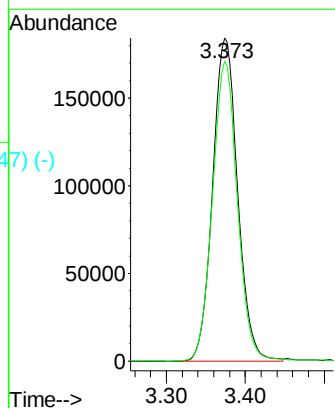
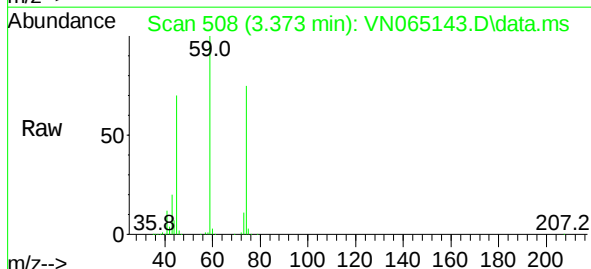
Manual Integrations
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Diethyl Ether
 Concen: 89.22 ug/l
 RT: 3.373 min Scan# 508
 Delta R.T. -0.003 min
 Lab File: VN065143.D
 Acq: 15 Dec 2020 14:32

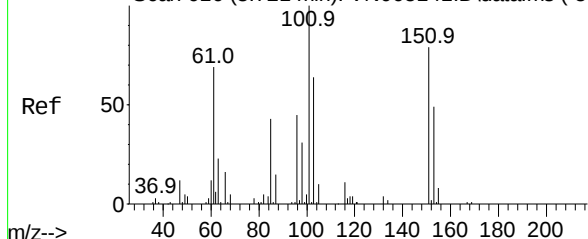
Tgt Ion: 74 Resp: 408104
 Ion Ratio Lower Upper
 74 100
 45 92.2 22.1 198.5



Abundance Scan 616 (3.721 min): VN065141.D\data.ms (-597) #9

1,1,2-Trichlorotrifluoroethane
Concen: 103.49 ug/l
RT: 3.721 min Scan# 616
Delta R.T. 0.000 min
Lab File: VN065143.D
Acq: 15 Dec 2020 14:32

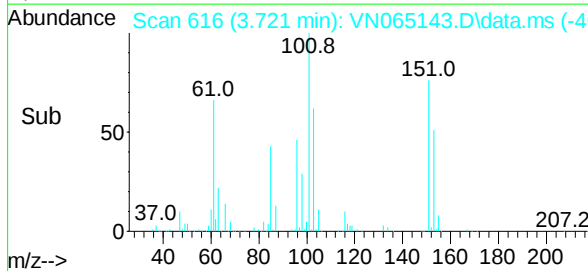
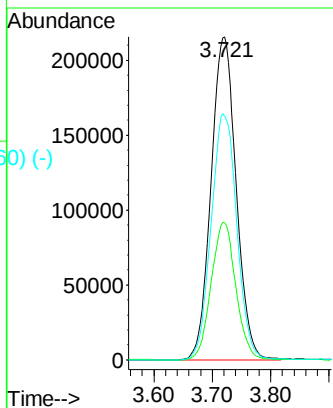
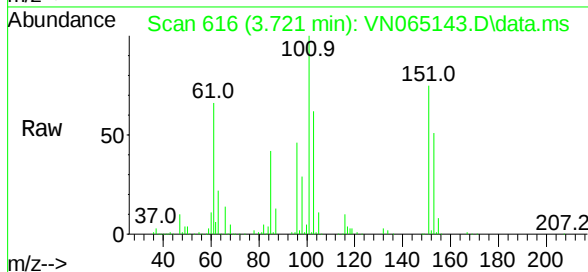
Instrument :
MSVOA_N
ClientSampled :
VSTDIC100



Tgt Ion:	101	Resp:	643394
Ion	Ratio	Lower	Upper
101	100		
85	41.8	0.0	49.0
151	78.1	0.0	80.2

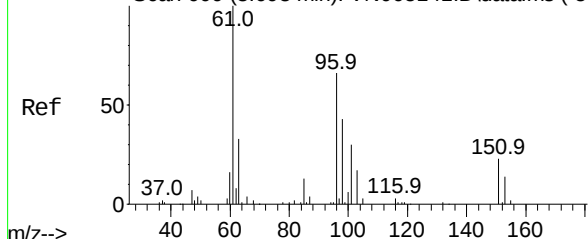
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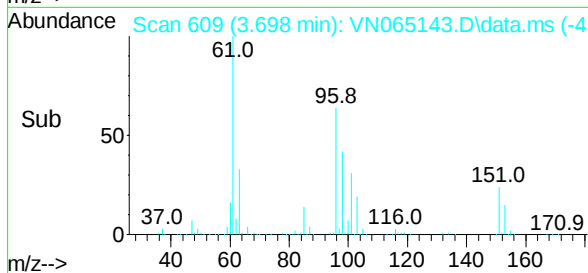
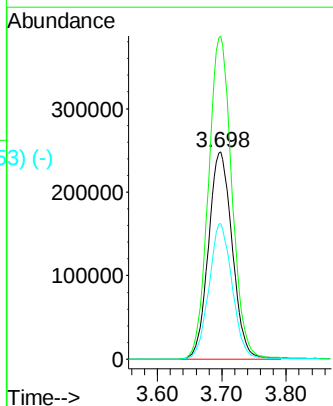
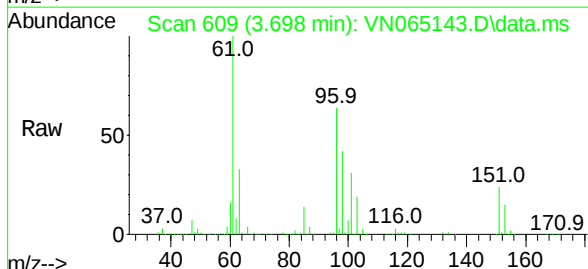


Abundance Scan 609 (3.698 min): VN065141.D\data.ms (-592) #10

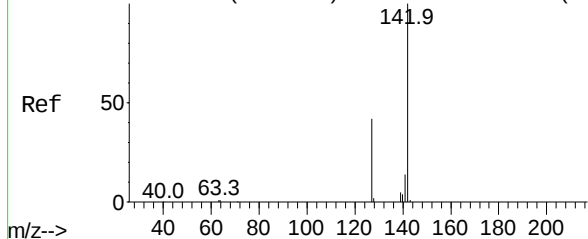
1,1-Dichloroethene
Concen: 105.69 ug/l
RT: 3.698 min Scan# 609
Delta R.T. 0.000 min
Lab File: VN065143.D
Acq: 15 Dec 2020 14:32



Tgt Ion:	96	Resp:	636132
Ion	Ratio	Lower	Upper
96	100		
61	155.8	149.2	223.8
98	65.3	49.6	74.4



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



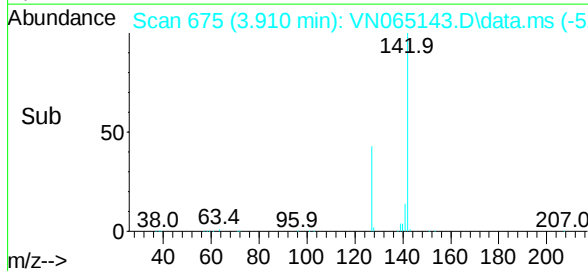
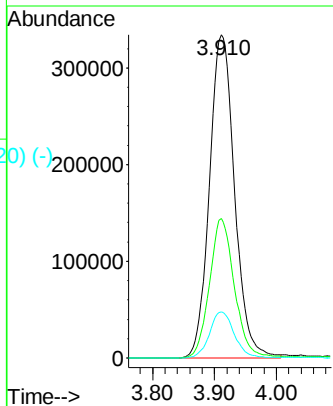
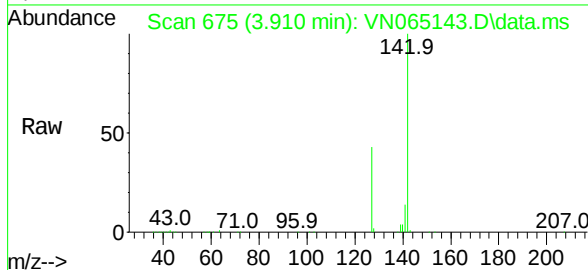
Methyl Iodide
Concen: 123.25 ug/l
RT: 3.910 min Scan# 675
Delta R.T. -0.003 min
Lab File: VN065143.D
Acq: 15 Dec 2020 14:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

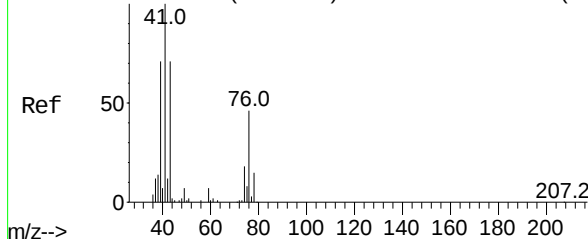
Tgt Ion	Ratio	Lower	Upper
142	100		
127	43.2	24.7	74.1
141	14.2	7.8	23.3

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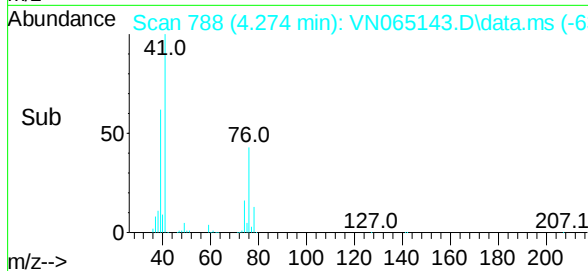
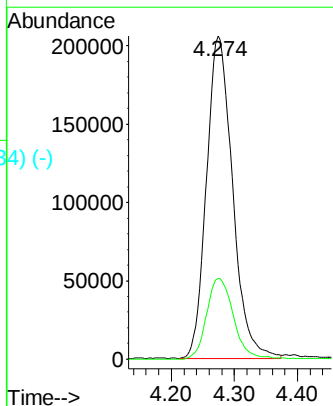
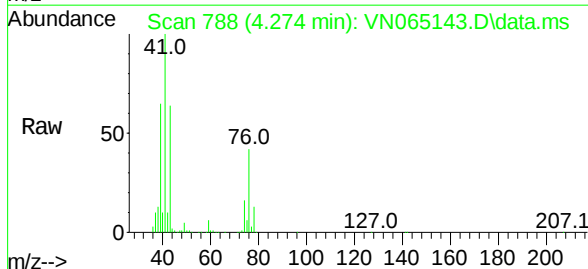


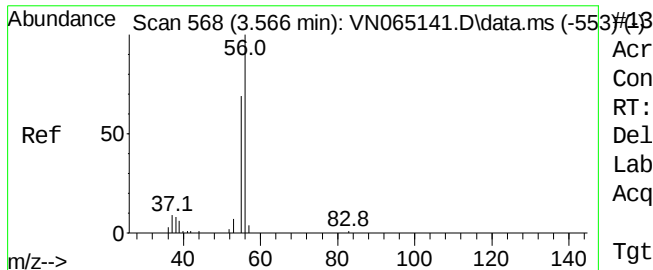
Abundance Scan 790 (4.280 min): VN065141.D\data.ms (-770) #12



Methyl Acetate
Concen: 84.49 ug/l
RT: 4.274 min Scan# 788
Delta R.T. -0.006 min
Lab File: VN065143.D
Acq: 15 Dec 2020 14:32

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.0	17.7	26.5





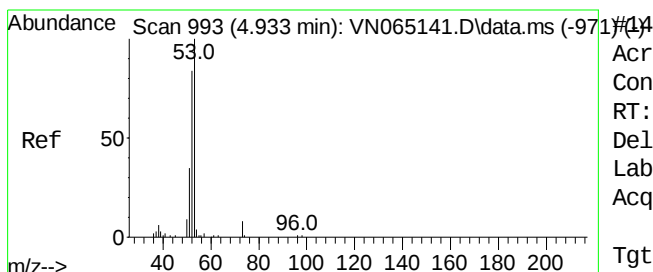
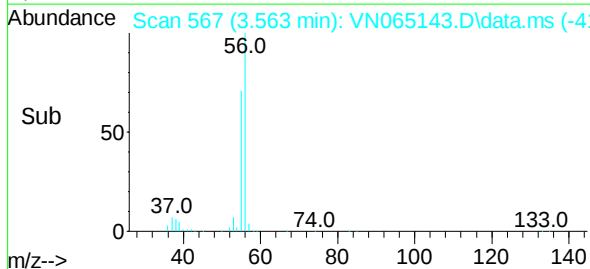
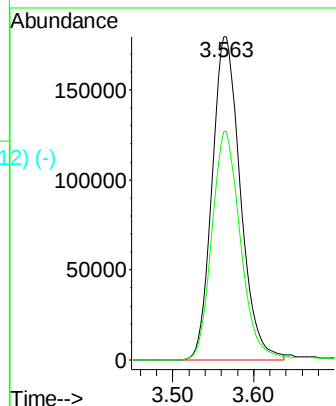
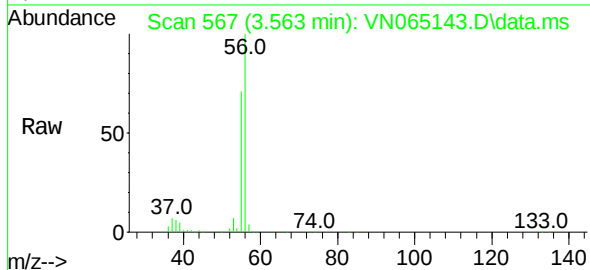
Acrolein
Concen: 571.99 ug/l
RT: 3.563 min Scan# 567
Delta R.T. -0.003 min
Lab File: VN065143.D
Acq: 15 Dec 2020 14:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 56 Resp: 435159
Ion Ratio Lower Upper
56 100
55 71.5 58.2 87.2

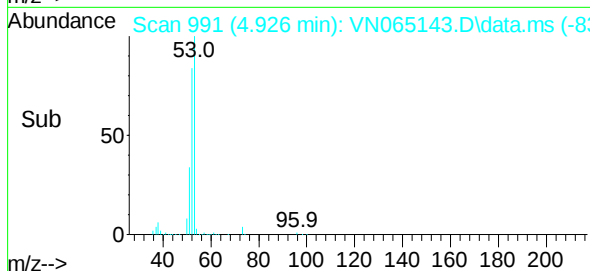
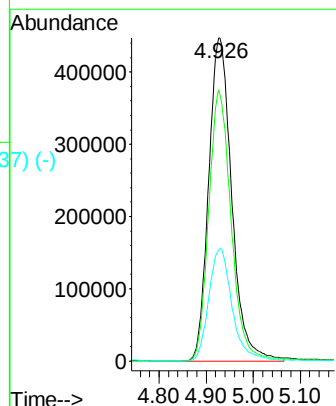
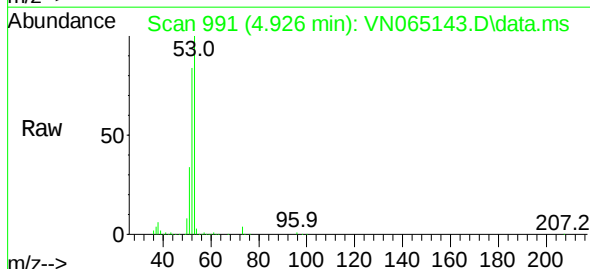
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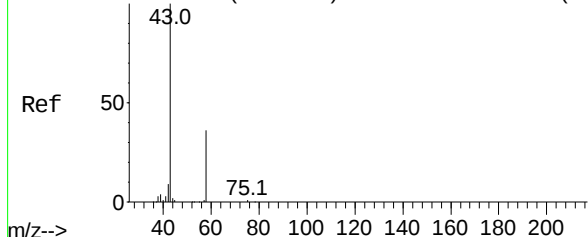


Acrylonitrile
Concen: 475.68 ug/l
RT: 4.926 min Scan# 991
Delta R.T. -0.006 min
Lab File: VN065143.D
Acq: 15 Dec 2020 14:32

Tgt Ion: 53 Resp: 1518773
Ion Ratio Lower Upper
53 100
52 80.9 41.3 124.1
51 35.4 18.9 56.5



Abundance Scan 633 (3.775 min): VN065141.D\data.ms (-614) #15



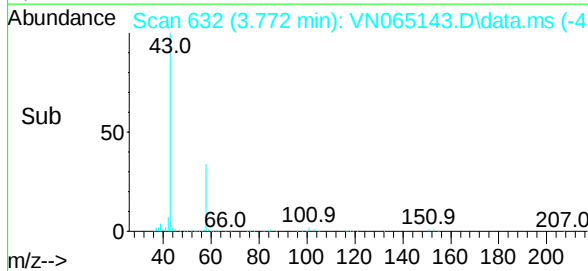
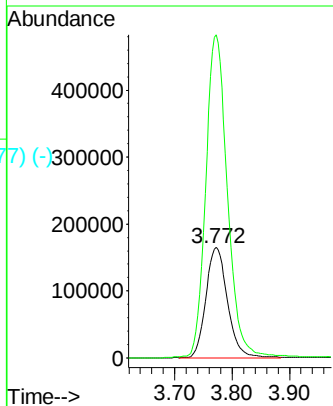
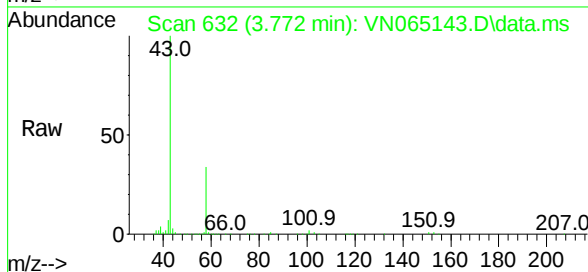
Acetone
Concen: 423.24 ug/l
RT: 3.772 min Scan# 632
Delta R.T. -0.003 min
Lab File: VN065143.D
Acq: 15 Dec 2020 14:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

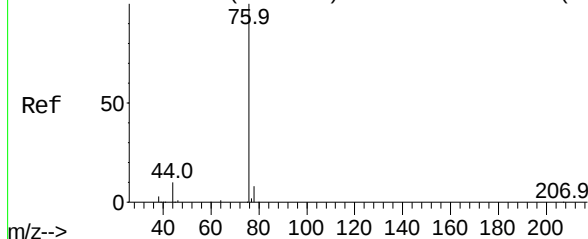
Tgt Ion: 58 Resp: 431353
Ion Ratio Lower Upper
58 100
43 291.7 289.8 434.8

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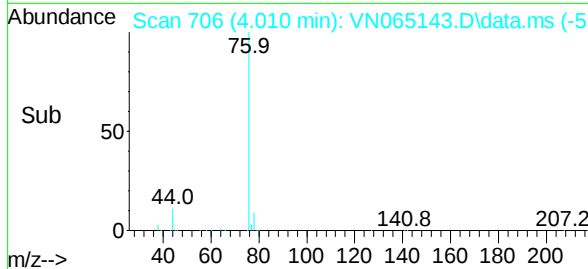
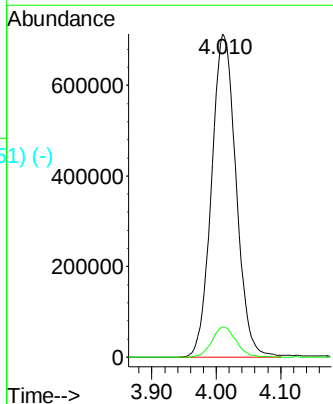
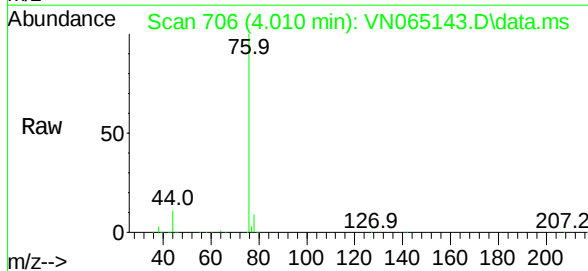


Abundance Scan 707 (4.013 min): VN065141.D\data.ms (-687) #16



Carbon Disulfide
Concen: 103.92 ug/l
RT: 4.010 min Scan# 706
Delta R.T. -0.003 min
Lab File: VN065143.D
Acq: 15 Dec 2020 14:32

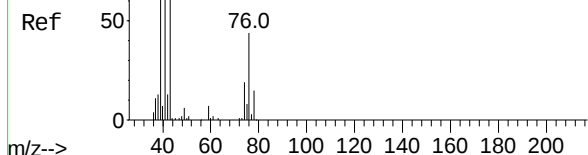
Tgt Ion: 76 Resp: 1886006
Ion Ratio Lower Upper
76 100
78 9.3 7.6 11.4



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

Allyl chloride
Concen: 93.45 ug/l
RT: 4.277 min Scan# 789
Delta R.T. 0.000 min
Lab File: VN065143.D
Acq: 15 Dec 2020 14:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

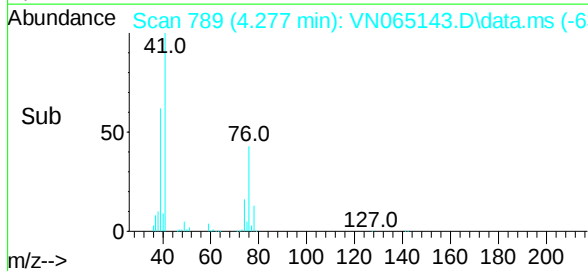
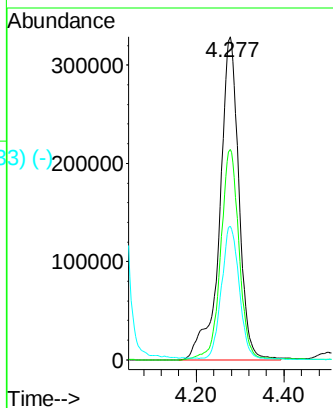
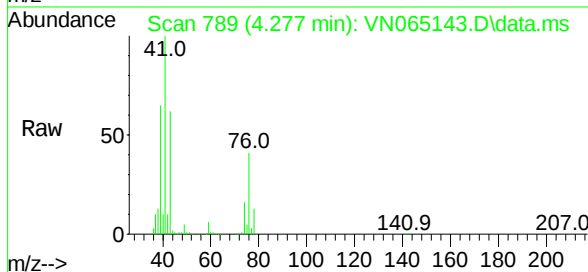


Tgt Ion: 41 Resp: 1000754

Ion	Ratio	Lower	Upper
41	100		
39	65.2	40.3	120.8
76	41.0	16.8	50.3

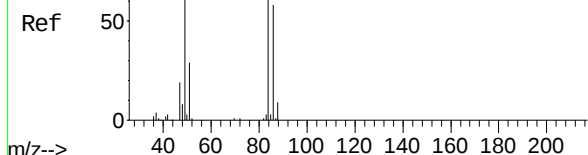
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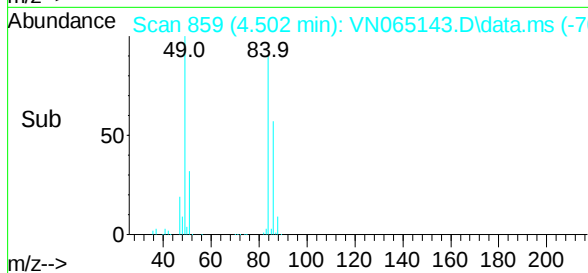
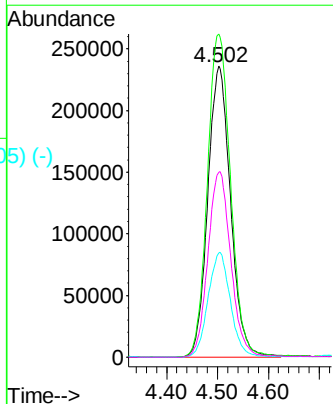
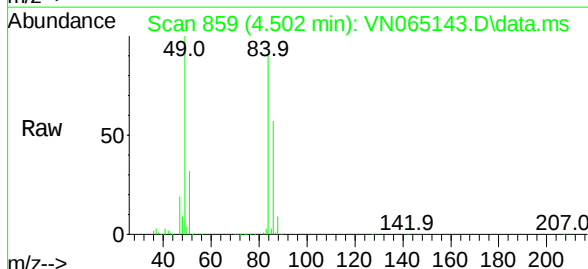
Abundance Scan 861 (4.508 min): VN065141.D\data.ms (-840) #18

Methylene Chloride
Concen: 102.54 ug/l
RT: 4.502 min Scan# 859
Delta R.T. -0.006 min
Lab File: VN065143.D
Acq: 15 Dec 2020 14:32

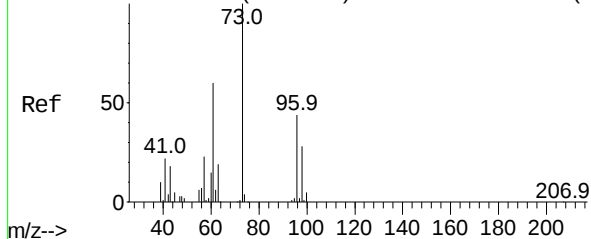


Tgt Ion: 84 Resp: 733676

Ion	Ratio	Lower	Upper
84	100		
49	111.0	102.1	153.1
51	35.9	32.6	48.8
86	63.6	46.7	70.1



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



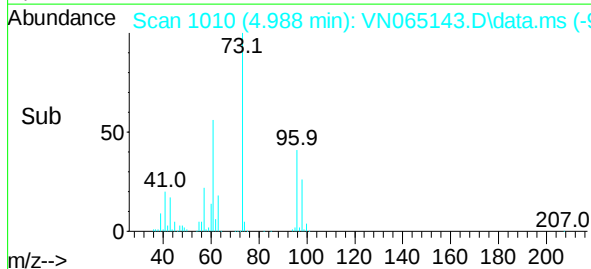
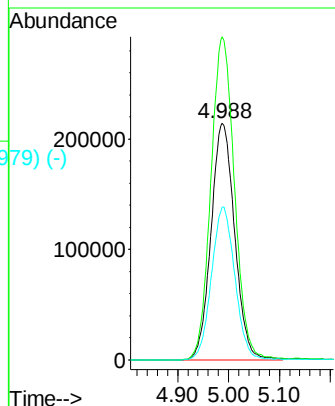
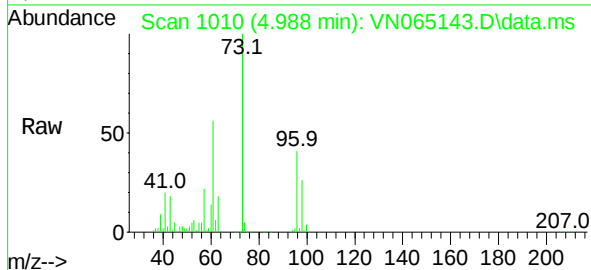
trans-1,2-Dichloroethene
Concen: 101.74 ug/l
RT: 4.988 min Scan# 1010
Delta R.T. 0.000 min
Lab File: VN065143.D
Acq: 15 Dec 2020 14:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

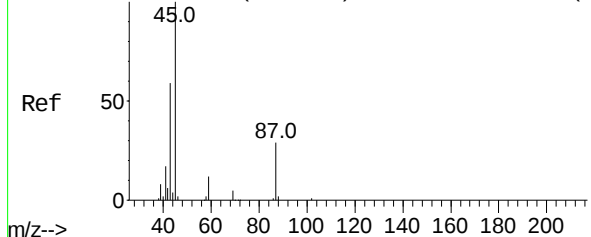
Tgt Ion: 96 Resp: 691087
Ion Ratio Lower Upper
96 100
61 136.4 120.1 180.1
98 64.5 49.1 73.7

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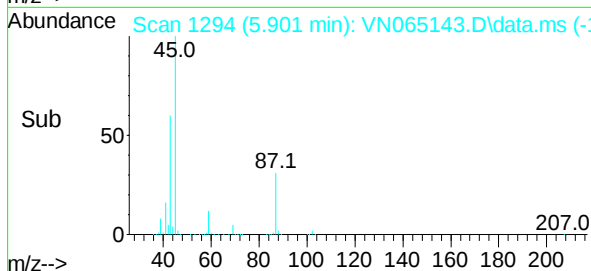
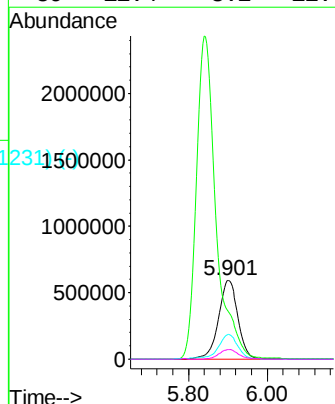
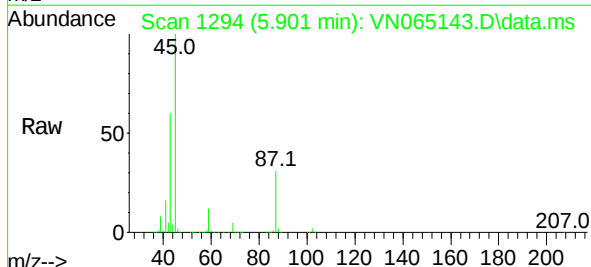


Abundance Scan 1293 (5.897 min): VN065141.D\data.ms (-12620)

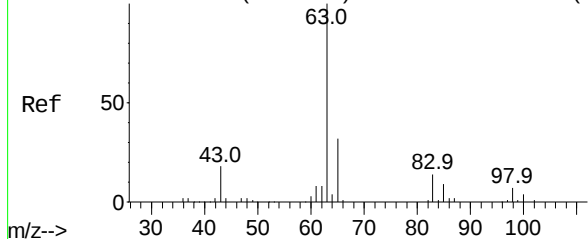


Diisopropyl ether
Concen: 85.88 ug/l
RT: 5.901 min Scan# 1294
Delta R.T. 0.003 min
Lab File: VN065143.D
Acq: 15 Dec 2020 14:32

Tgt Ion: 45 Resp: 2045111
Ion Ratio Lower Upper
45 100
43 59.0 53.1 79.7
87 31.2 21.0 31.6
59 12.4 8.2 12.4#



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



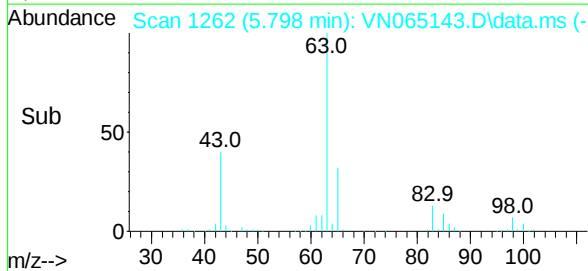
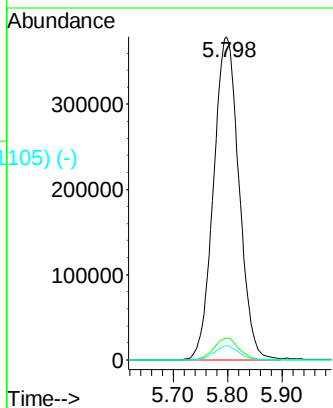
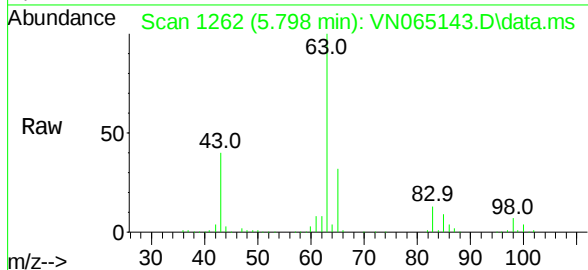
1,1-Dichloroethane
Concen: 92.77 ug/l
RT: 5.798 min Scan# 1262
Delta R.T. 0.003 min
Lab File: VN065143.D
Acq: 15 Dec 2020 14:32

Tgt Ion:	63	Resp:	1230722
Ion	Ratio	Lower	Upper
63	100		
98	6.8	2.6	8.0
100	4.3	1.7	5.1

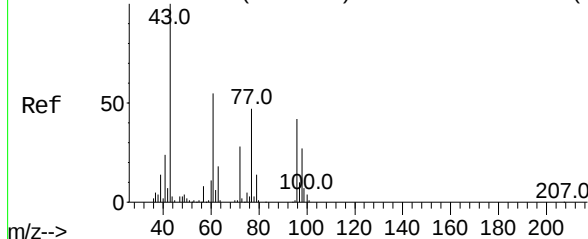
Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

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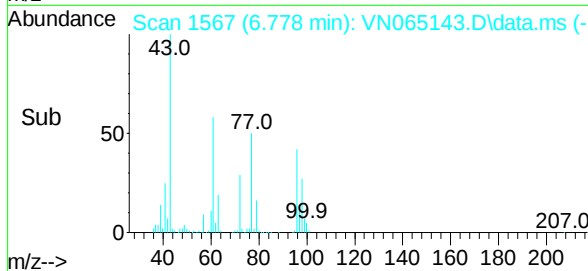
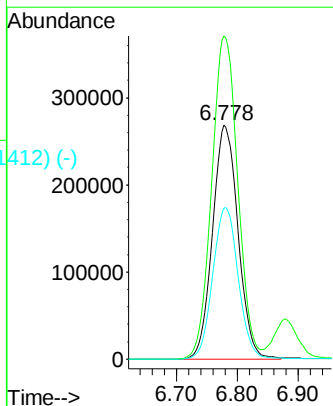
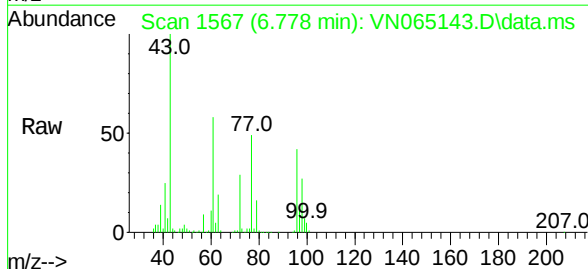


Abundance Scan 1568 (6.782 min): VN065141.D\data.ms (-15422-)

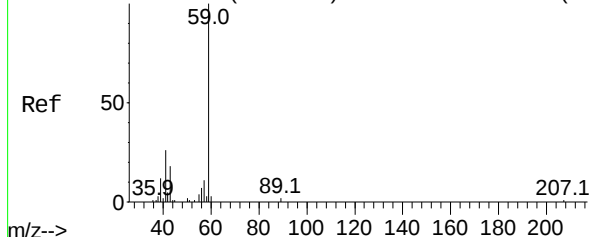


cis-1,2-Dichloroethene
Concen: 100.87 ug/l
RT: 6.778 min Scan# 1567
Delta R.T. -0.003 min
Lab File: VN065143.D
Acq: 15 Dec 2020 14:32

Tgt Ion:	96	Resp:	780790
Ion	Ratio	Lower	Upper
96	100		
61	140.9	136.1	204.1
98	64.9	51.8	77.8



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



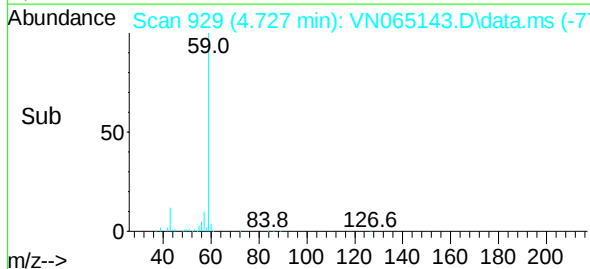
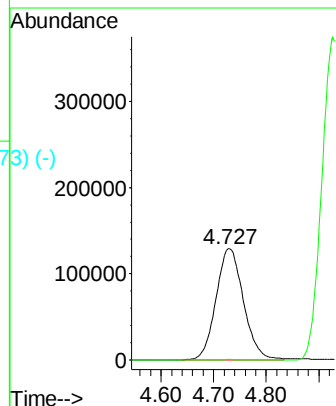
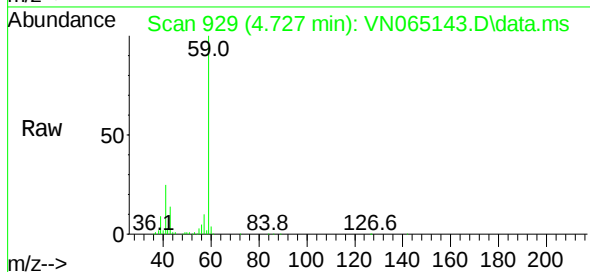
tert-Butyl Alcohol
Concen: 438.58 ug/l
RT: 4.727 min Scan# 929
Delta R.T. 0.000 min
Lab File: VN065143.D
Acq: 15 Dec 2020 14:32

Tgt Ion: 59 Resp: 464289
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0#

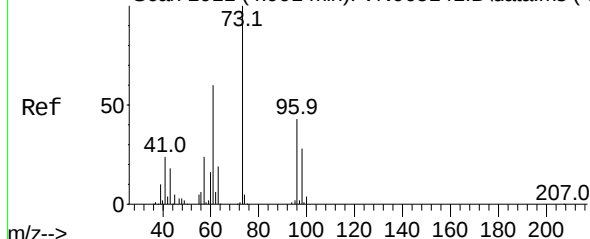
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

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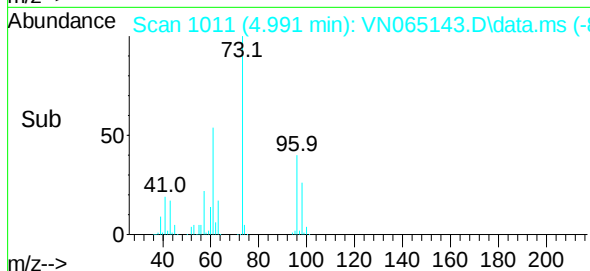
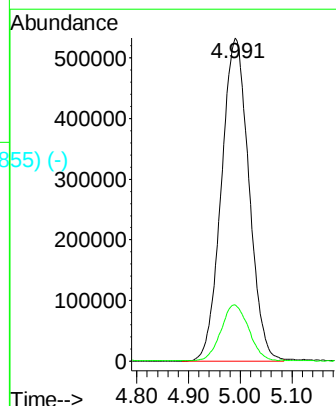
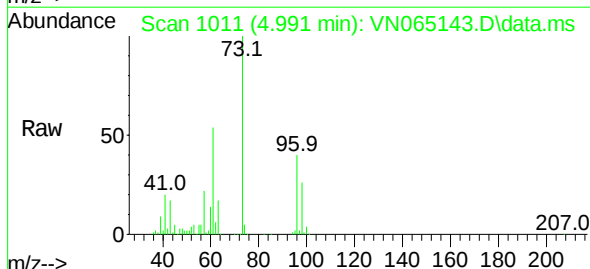


Abundance Scan 1011 (4.991 min): VN065141.D\data.ms (-985) #24

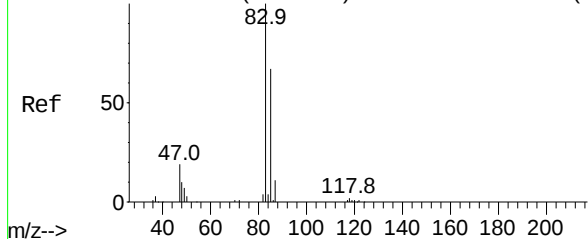


Methyl tert-Butyl Ether
Concen: 94.79 ug/l
RT: 4.991 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VN065143.D
Acq: 15 Dec 2020 14:32

Tgt Ion: 73 Resp: 1966770
Ion Ratio Lower Upper
73 100
43 17.4 10.2 15.2#



Abundance Scan 1738 (7.328 min): VN065141.D\data.ms (-1738)



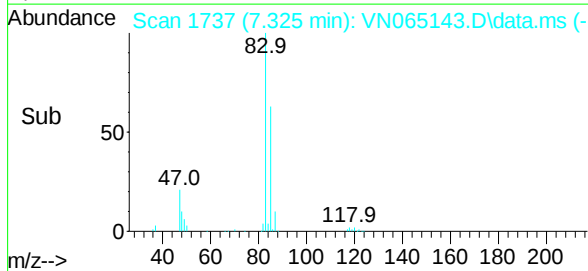
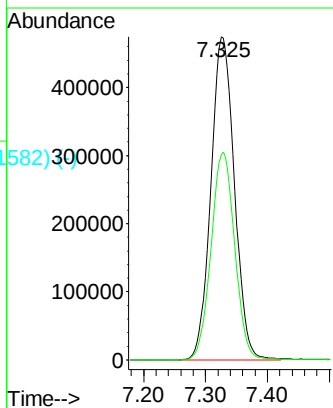
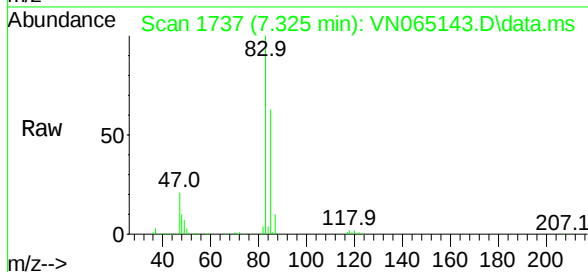
Chloroform
Concen: 90.66 ug/l
RT: 7.325 min Scan# 1737
Delta R.T. -0.003 min
Lab File: VN065143.D
Acq: 15 Dec 2020 14:32

Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

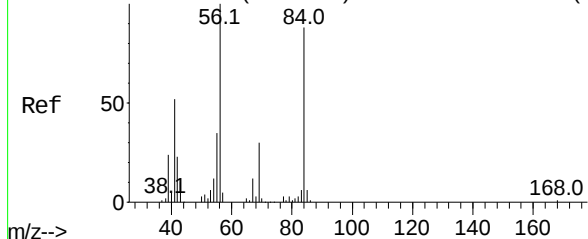
Tgt Ion: 83 Resp: 1250250
Ion Ratio Lower Upper
83 100
85 63.5 50.6 75.8

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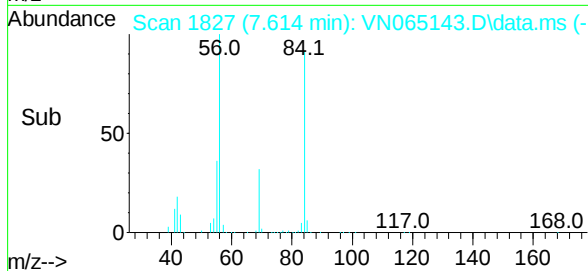
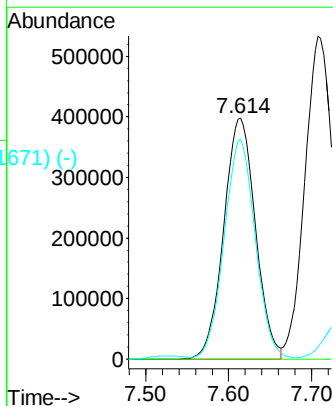
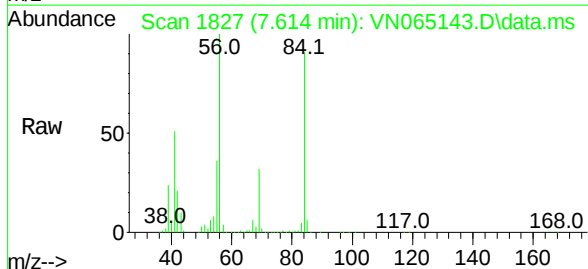


Abundance Scan 1827 (7.614 min): VN065141.D\data.ms (-1827)

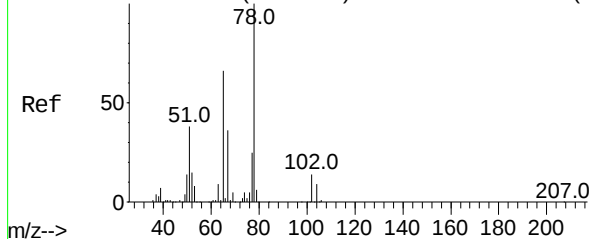


Cyclohexane
Concen: 102.23 ug/l
RT: 7.614 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN065143.D
Acq: 15 Dec 2020 14:32

Tgt Ion: 56 Resp: 1055973
Ion Ratio Lower Upper
56 100
89 0.0 0.6 0.8#
84 89.8 66.1 99.1



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



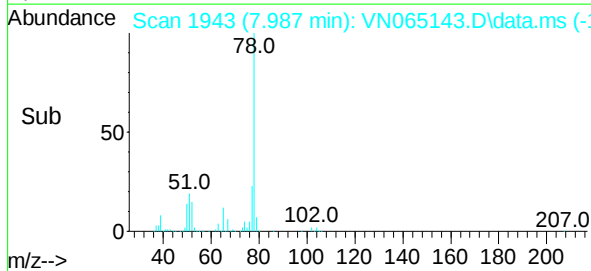
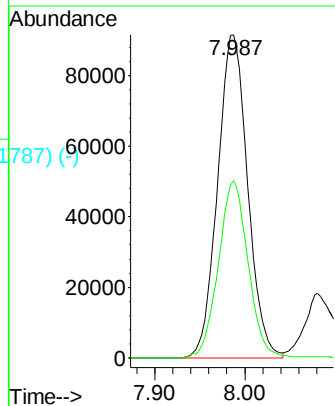
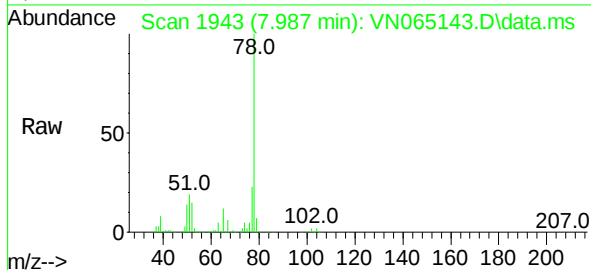
1,2-Dichloroethane-d4
Concen: 22.80 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN065143.D
Acq: 15 Dec 2020 14:32

Tgt Ion: 65 Resp: 212558
Ion Ratio Lower Upper
65 100
67 54.1 41.1 61.7

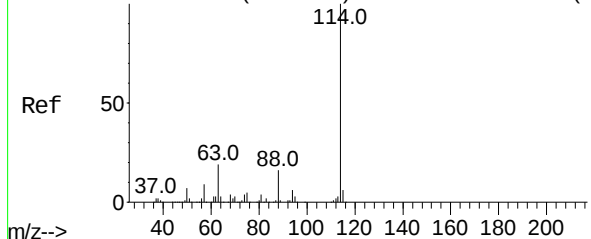
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

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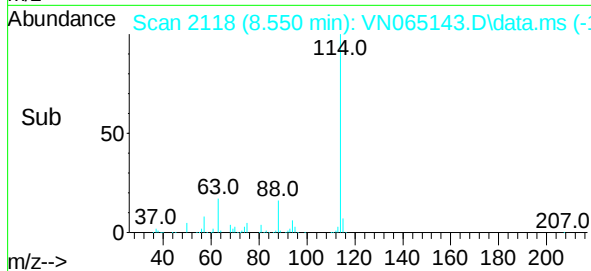
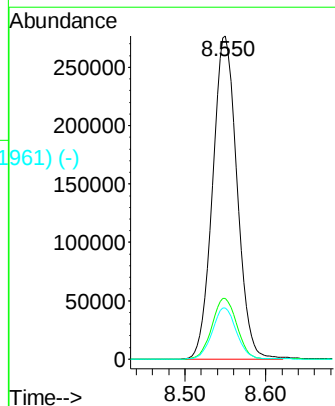
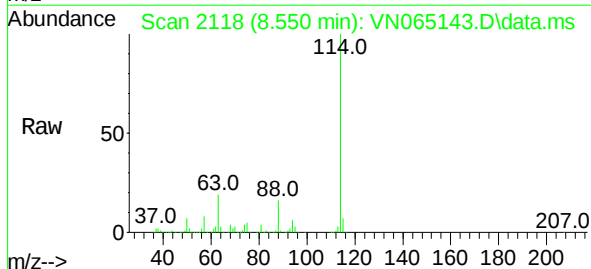


Abundance Scan 2117 (8.547 min): VN065141.D\data.ms (-2102) (-)

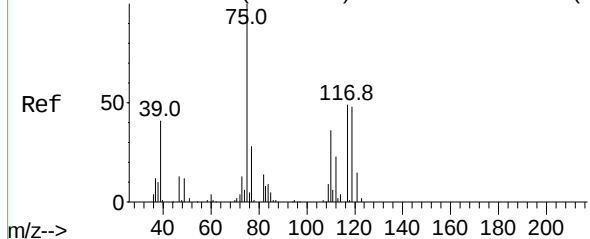


1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.003 min
Lab File: VN065143.D
Acq: 15 Dec 2020 14:32

Tgt Ion:114 Resp: 576097
Ion Ratio Lower Upper
114 100
63 19.1 18.5 27.7
88 15.6 13.0 19.6



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



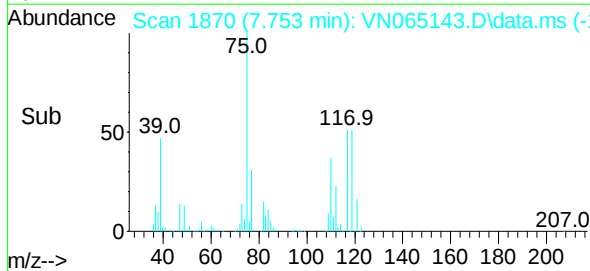
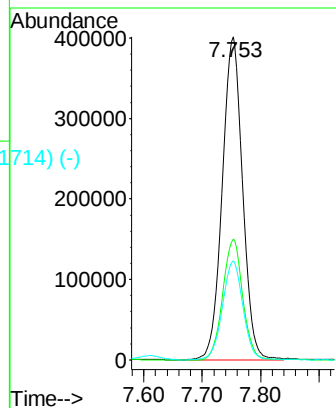
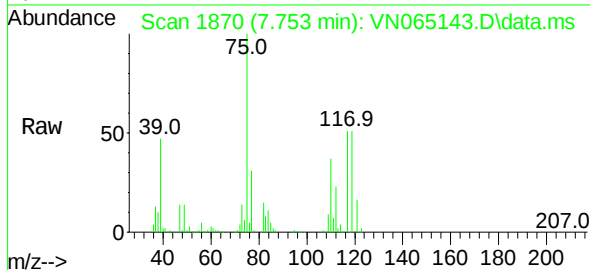
1,1-Dichloropropene
Concen: 99.37 ug/l
RT: 7.753 min Scan# 1870
Delta R.T. 0.000 min
Lab File: VN065143.D
Acq: 15 Dec 2020 14:32

Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

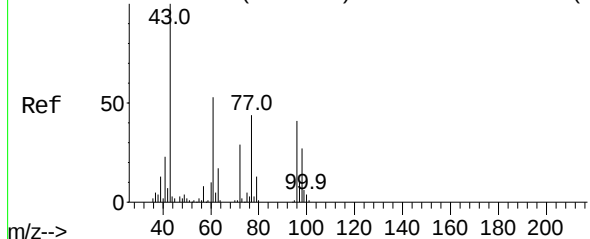
Tgt Ion: 75 Resp: 975328
Ion Ratio Lower Upper
75 100
110 36.7 0.0 66.4
77 31.0 0.0 62.0

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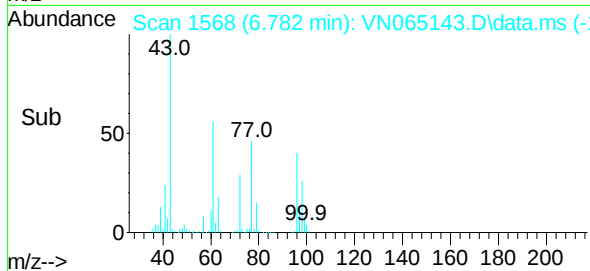
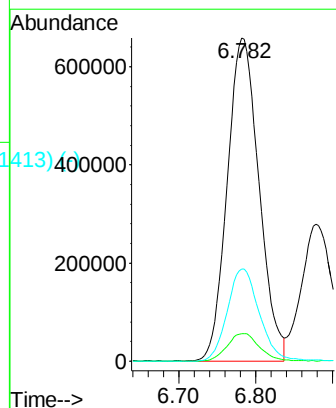
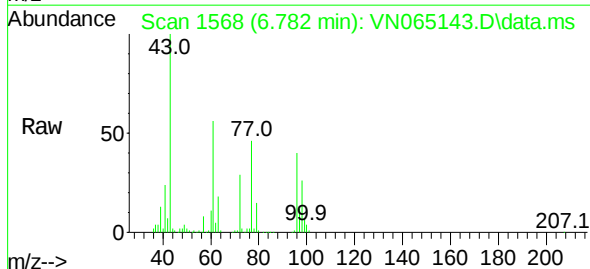


Abundance Scan 1569 (6.785 min): VN065141.D\data.ms (-15430-)



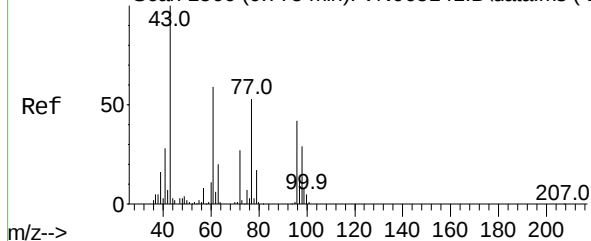
2-Butanone
Concen: 403.72 ug/l
RT: 6.782 min Scan# 1568
Delta R.T. -0.003 min
Lab File: VN065143.D
Acq: 15 Dec 2020 14:32

Tgt Ion: 43 Resp: 1885184
Ion Ratio Lower Upper
43 100
57 8.7 6.2 9.4
72 28.7 9.9 14.9#

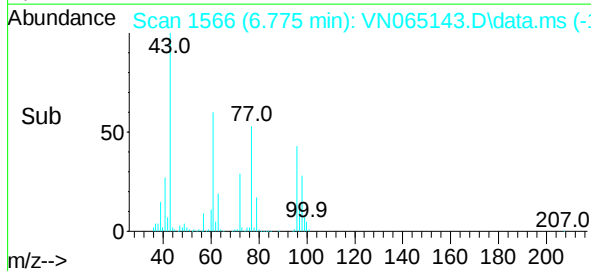
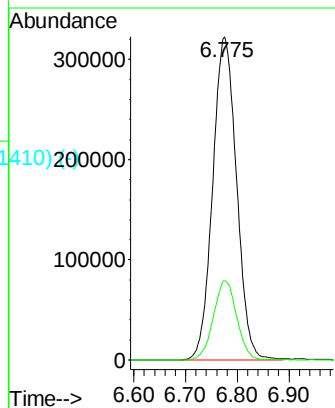
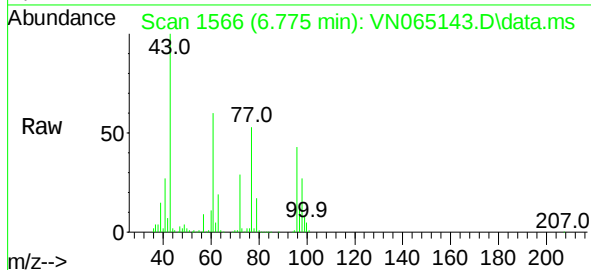


Abundance Scan 1566 (6.775 min): VN065141.D\data.ms (-15431-)

2,2-Dichloropropane
Concen: 89.94 ug/l
RT: 6.775 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN065143.D
Acq: 15 Dec 2020 14:32

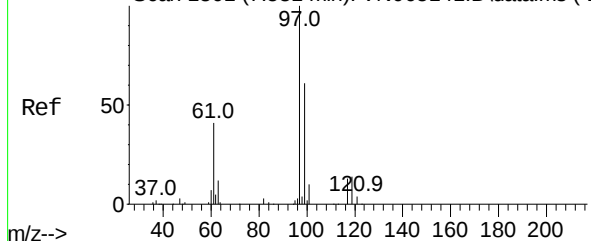


Tgt Ion: 77 Resp: 1031941
Ion Ratio Lower Upper
77 100
97 23.9 16.9 25.3

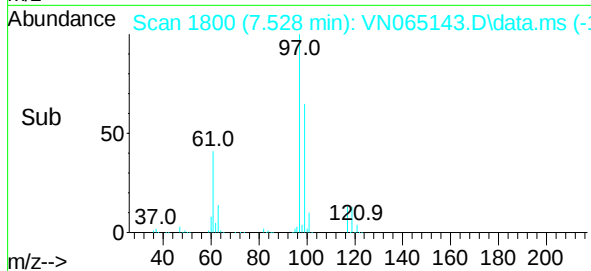
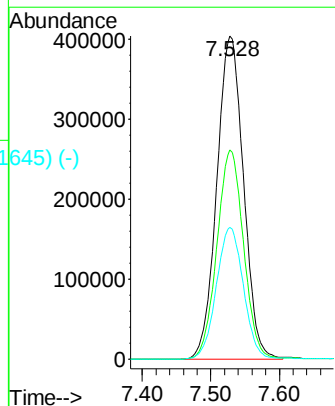
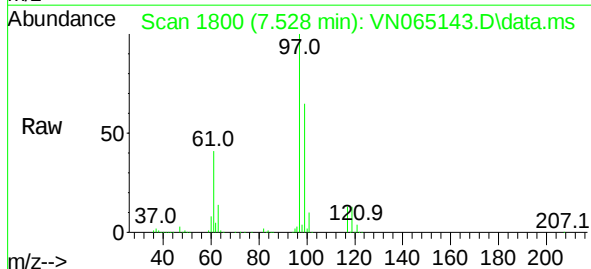


Abundance Scan 1801 (7.531 min): VN065141.D\data.ms (-17792-)

1,1,1-Trichloroethane
Concen: 91.36 ug/l
RT: 7.528 min Scan# 1800
Delta R.T. -0.003 min
Lab File: VN065143.D
Acq: 15 Dec 2020 14:32



Tgt Ion: 97 Resp: 1091217
Ion Ratio Lower Upper
97 100
99 64.4 51.8 77.8
61 41.2 39.4 59.0

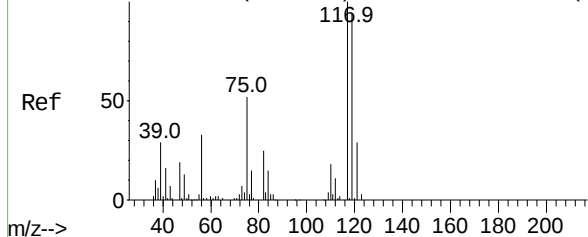


Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

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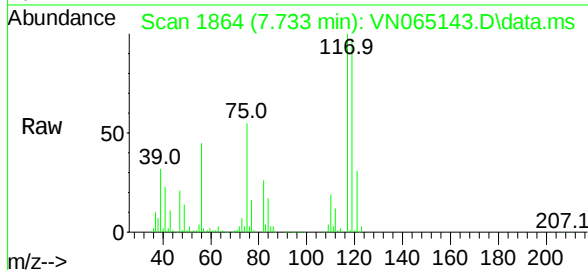
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Abundance Scan 1864 (7.733 min): VN065141.D\data.ms (-1843)

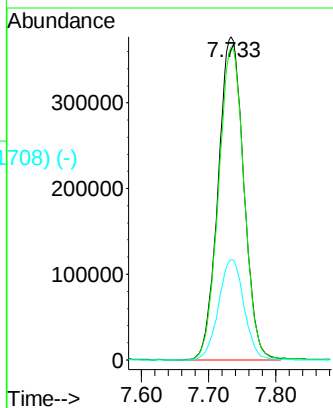
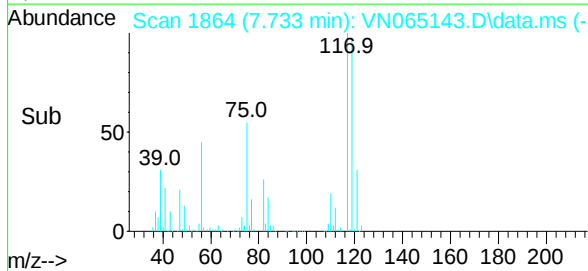


Carbon Tetrachloride
Concen: 93.19 ug/l
RT: 7.733 min Scan# 1864
Delta R.T. 0.000 min
Lab File: VN065143.D
Acq: 15 Dec 2020 14:32

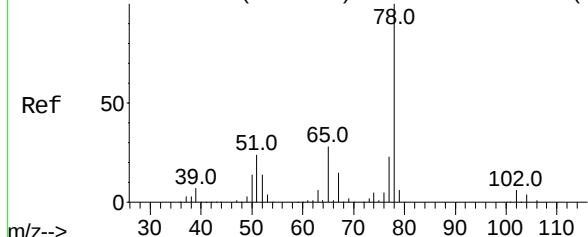
Instrument :
MSVOA_N
ClientSampled :
VSTDIC100



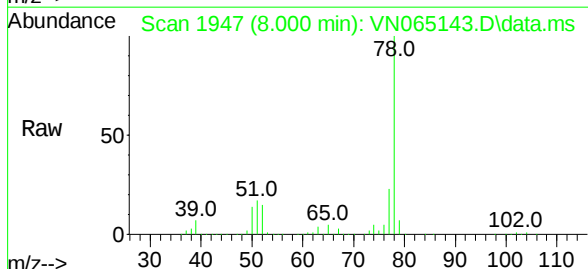
Tgt Ion:117 Resp: 997260
Ion Ratio Lower Upper
117 100
119 96.8 77.9 116.9
121 31.1 24.0 36.0



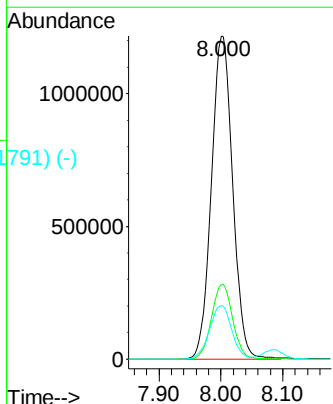
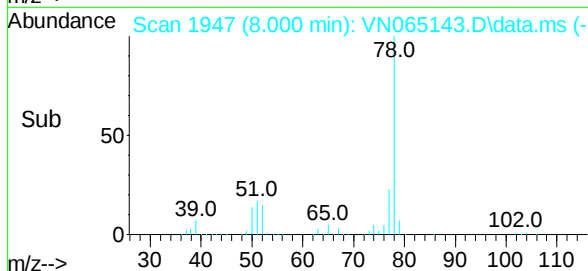
Abundance Scan 1947 (8.000 min): VN065141.D\data.ms (-1928)

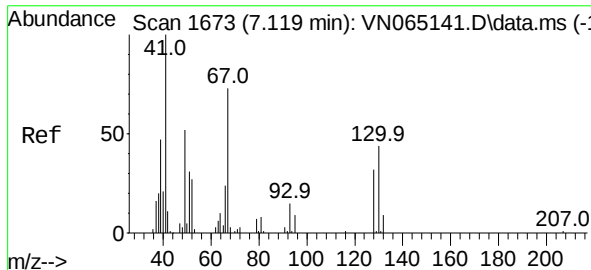


Benzene
Concen: 100.40 ug/l
RT: 8.000 min Scan# 1947
Delta R.T. 0.000 min
Lab File: VN065143.D
Acq: 15 Dec 2020 14:32



Tgt Ion: 78 Resp: 2900284
Ion Ratio Lower Upper
78 100
77 23.1 18.9 28.3
51 16.6 24.6 36.8#





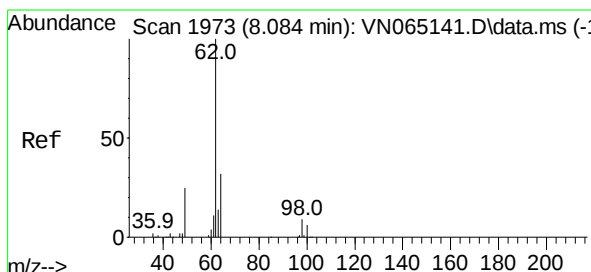
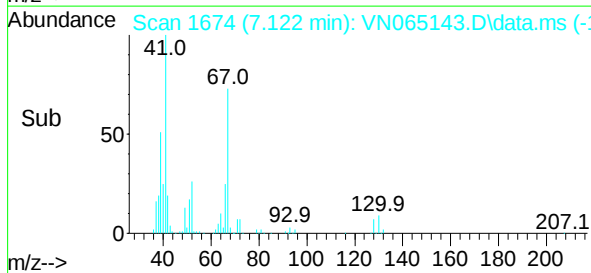
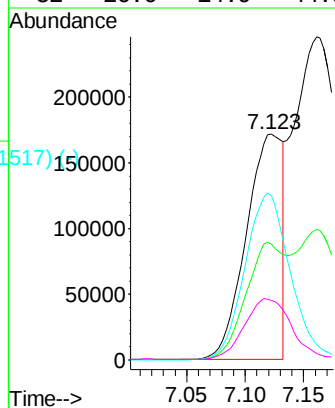
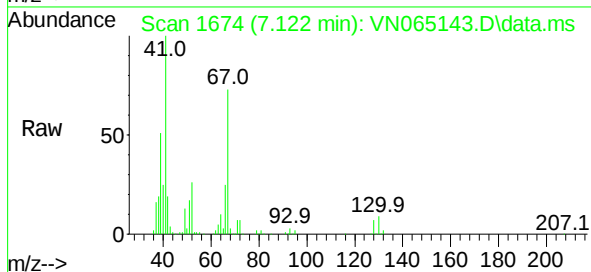
#35
Methacrylonitrile
Concen: 80.97 ug/l
RT: 7.122 min Scan# 1674
Delta R.T. 0.003 min
Lab File: VN065143.D
Acq: 15 Dec 2020 14:32

Tgt Ion:	41	Resp:	367782
Ion	Ratio	Lower	Upper
41	100		
39	50.9	30.0	90.1
67	72.8	29.2	87.6
52	26.0	14.9	44.9

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

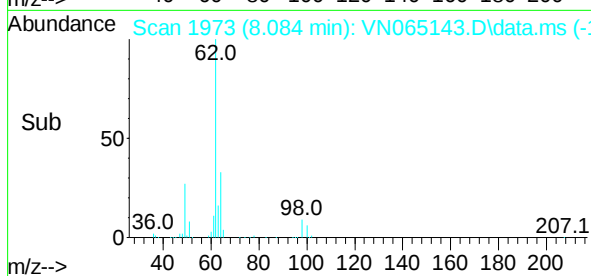
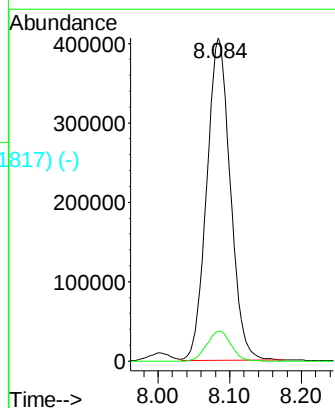
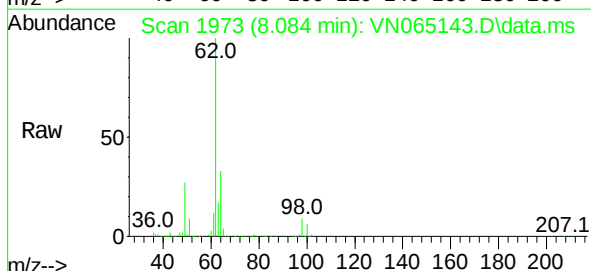
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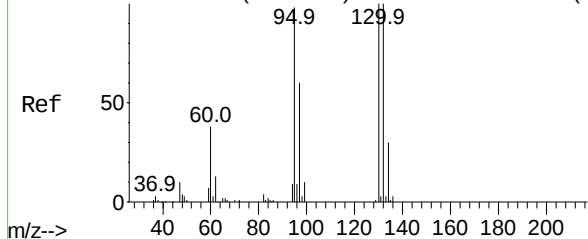


#36
1,2-Dichloroethane
Concen: 81.71 ug/l
RT: 8.084 min Scan# 1973
Delta R.T. 0.000 min
Lab File: VN065143.D
Acq: 15 Dec 2020 14:32

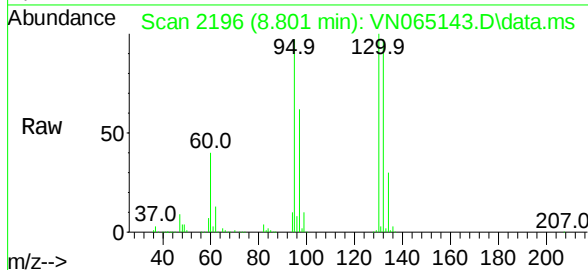
Tgt Ion:	62	Resp:	927794
Ion	Ratio	Lower	Upper
62	100		
98	9.6	5.5	8.3#



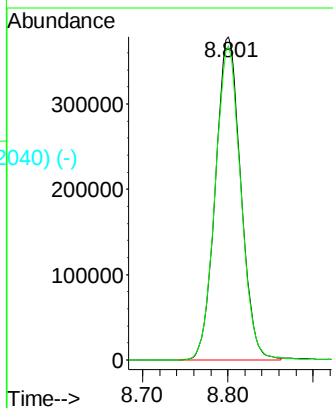
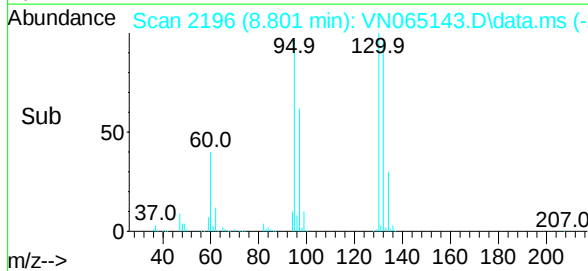
Abundance Scan 2196 (8.801 min): VN065141.D\data.ms (-21697-)



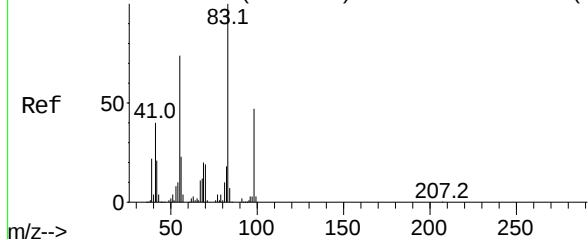
Trichloroethene
Concen: 105.38 ug/l
RT: 8.801 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VN065143.D
Acq: 15 Dec 2020 14:32



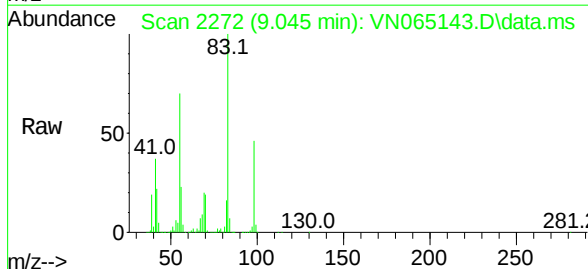
Tgt Ion:130 Resp: 780584
Ion Ratio Lower Upper
130 100
95 97.2 85.1 127.7



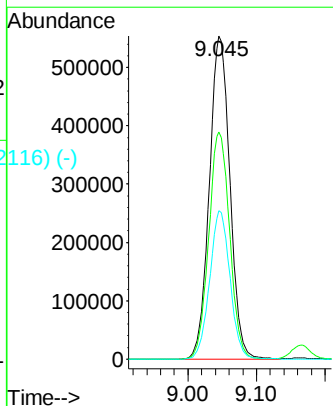
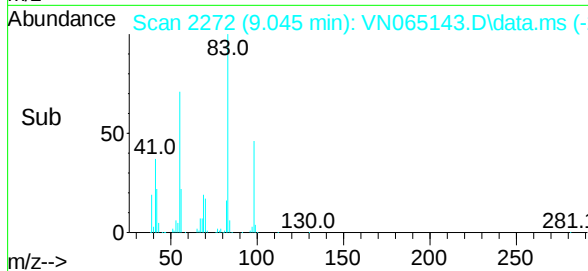
Abundance Scan 2272 (9.045 min): VN065141.D\data.ms (-22549-)



Methylcyclohexane
Concen: 124.59 ug/l
RT: 9.045 min Scan# 2272
Delta R.T. 0.000 min
Lab File: VN065143.D
Acq: 15 Dec 2020 14:32



Tgt Ion: 83 Resp: 1152120
Ion Ratio Lower Upper
83 100
55 71.4 42.0 126.1
98 45.4 22.5 67.5

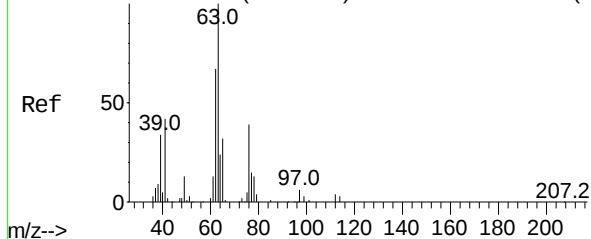


Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

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



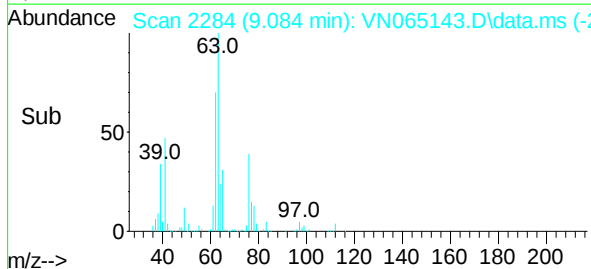
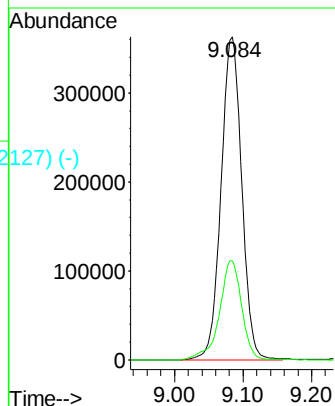
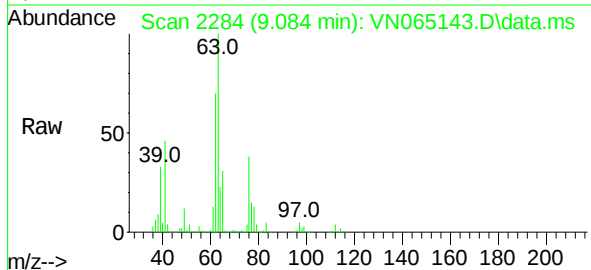
1,2-Dichloropropane
Concen: 98.82 ug/l
RT: 9.084 min Scan# 2284
Delta R.T. 0.003 min
Lab File: VN065143.D
Acq: 15 Dec 2020 14:32

Tgt Ion: 63 Resp: 760108
Ion Ratio Lower Upper
63 100
65 30.5 24.4 36.6

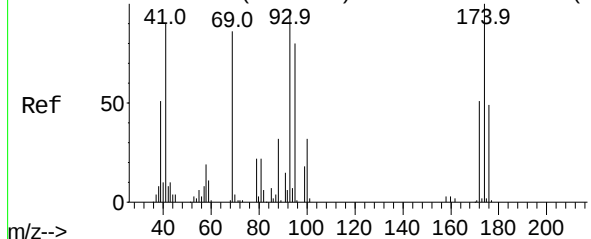
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

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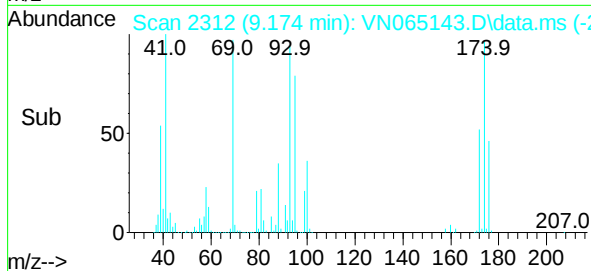
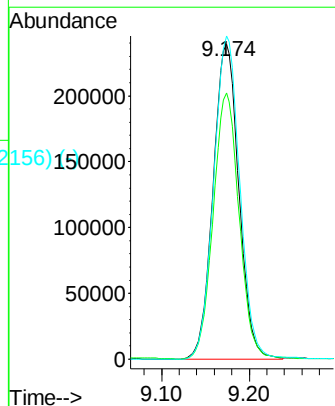
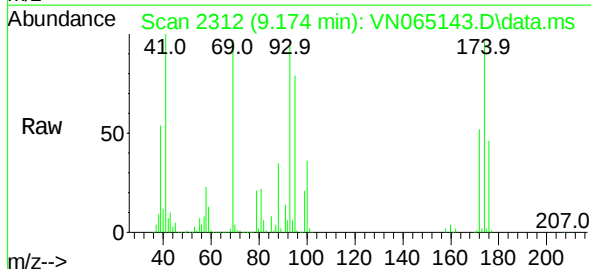


Abundance Scan 2312 (9.174 min): VN065141.D\data.ms (-229740-)



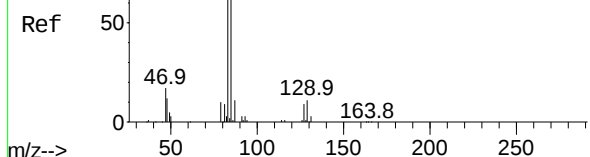
Dibromomethane
Concen: 94.50 ug/l
RT: 9.174 min Scan# 2312
Delta R.T. 0.000 min
Lab File: VN065143.D
Acq: 15 Dec 2020 14:32

Tgt Ion: 93 Resp: 487598
Ion Ratio Lower Upper
93 100
95 85.3 0.0 164.6
174 103.9 0.0 165.6



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

Bromodichloromethane
Concen: 90.84 ug/l
RT: 9.370 min Scan# 2373
Delta R.T. 0.003 min
Lab File: VN065143.D
Acq: 15 Dec 2020 14:32

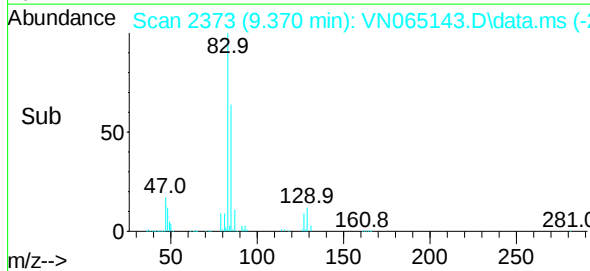
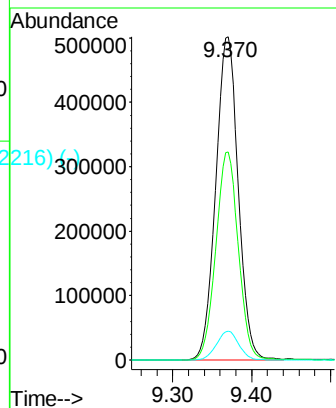
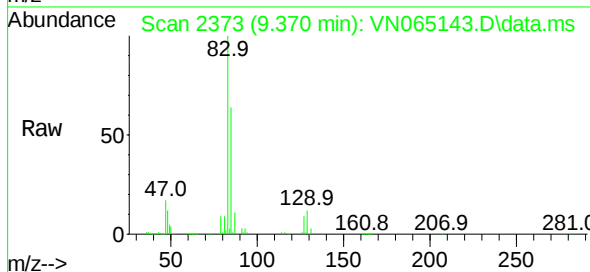


Tgt Ion: 83 Resp: 1000927
Ion Ratio Lower Upper
83 100
85 64.4 51.0 76.4
127 8.9 6.2 9.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

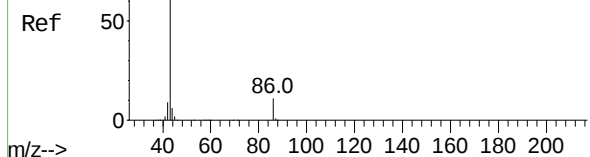
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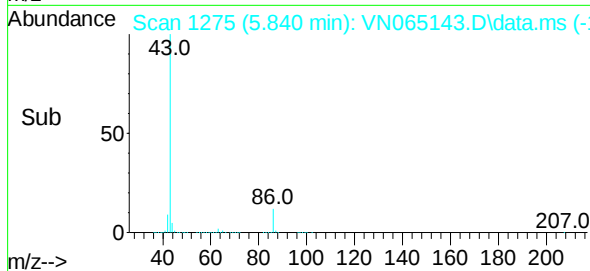
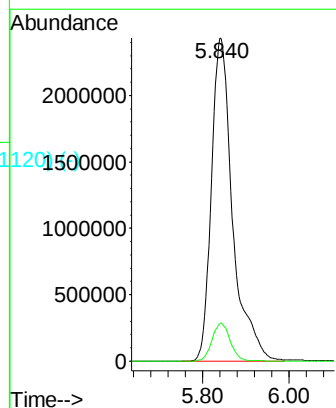
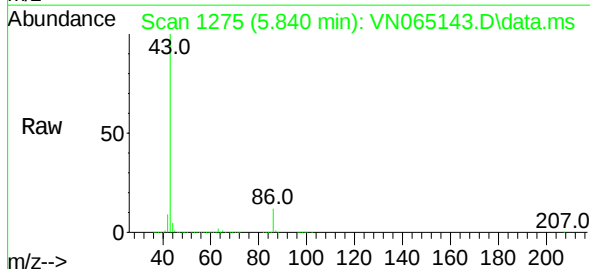


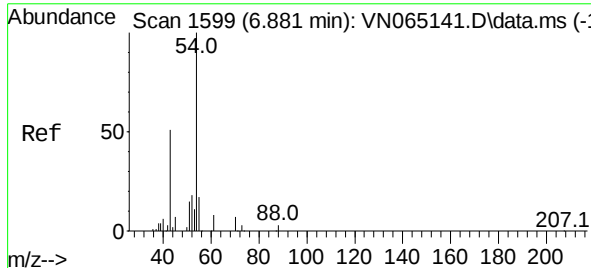
Abundance Scan 1276 (5.843 min): VN065141.D\data.ms (-12542-)

Vinyl Acetate
Concen: 435.56 ug/l
RT: 5.840 min Scan# 1275
Delta R.T. -0.003 min
Lab File: VN065143.D
Acq: 15 Dec 2020 14:32



Tgt Ion: 43 Resp: 8307954
Ion Ratio Lower Upper
43 100
86 10.2 6.3 9.5#





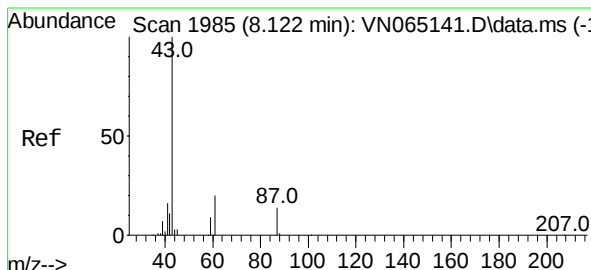
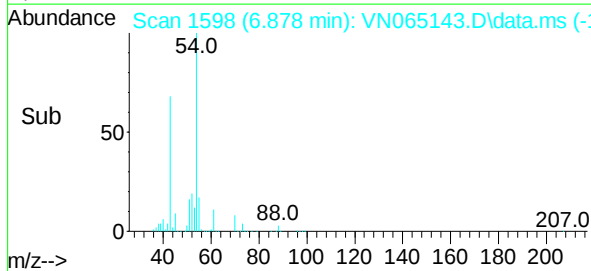
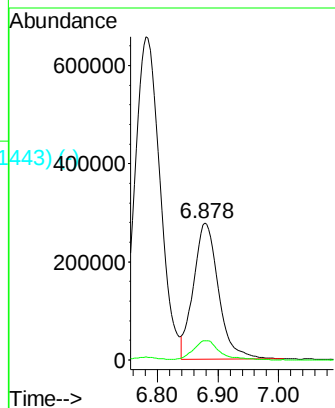
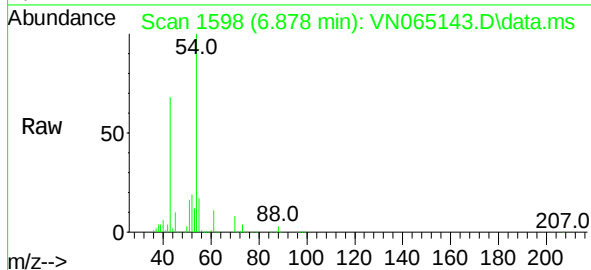
Ethyl Acetate
 Concen: 84.62 ug/l
 RT: 6.878 min Scan# 1598
 Delta R.T. -0.003 min
 Lab File: VN065143.D
 Acq: 15 Dec 2020 14:32

Tgt Ion: 43 Resp: 800171
 Ion Ratio Lower Upper
 43 100
 45 15.0 10.9 16.3

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC100

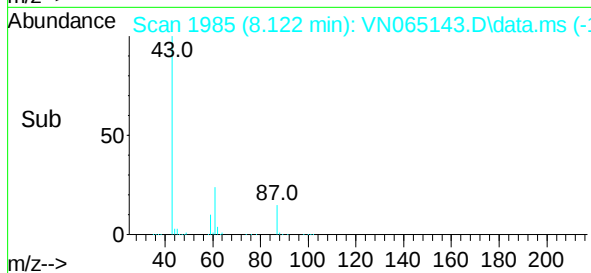
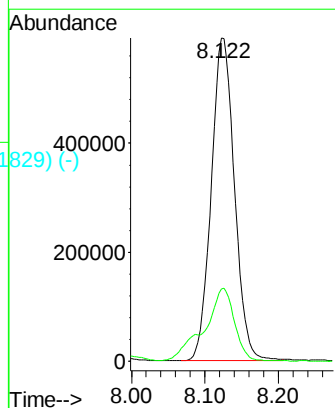
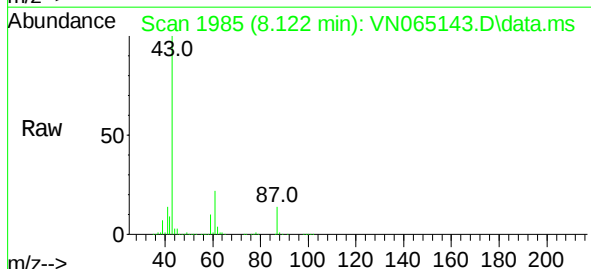
Manual Integrations
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Isopropyl Acetate
 Concen: 82.01 ug/l
 RT: 8.122 min Scan# 1985
 Delta R.T. 0.000 min
 Lab File: VN065143.D
 Acq: 15 Dec 2020 14:32

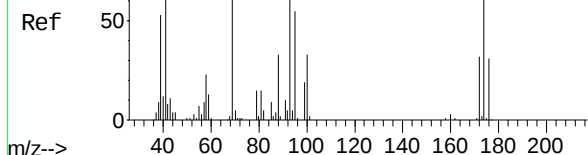
Tgt Ion: 43 Resp: 1305784
 Ion Ratio Lower Upper
 43 100
 61 22.6 13.0 19.4#



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

1,4-Dioxane
Concen: 2043.59 ug/l
RT: 9.164 min Scan# 2309
Delta R.T. 0.000 min
Lab File: VN065143.D
Acq: 15 Dec 2020 14:32

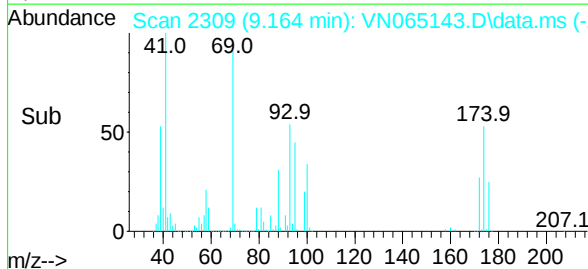
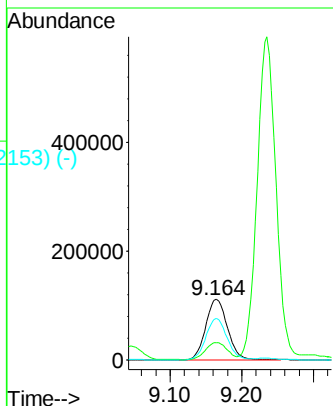
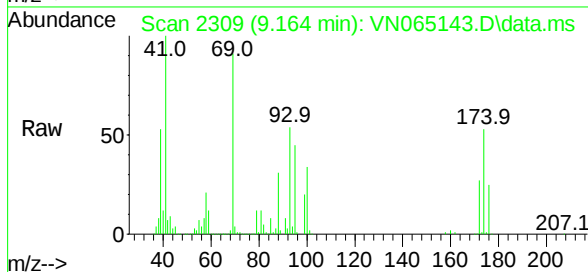
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion:	88	Resp:	233502
Ion	Ratio	Lower	Upper
88	100		
43	28.3	30.6	46.0#
58	66.4	57.9	86.9

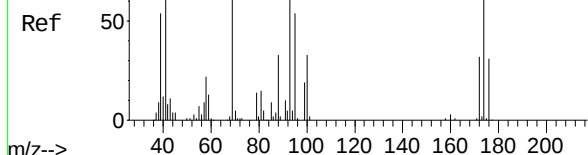
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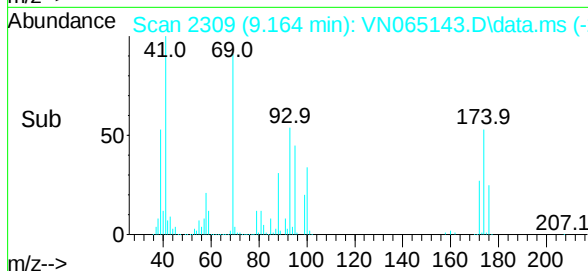
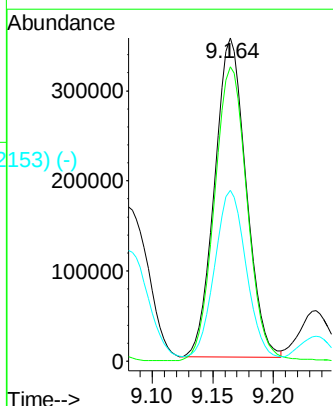
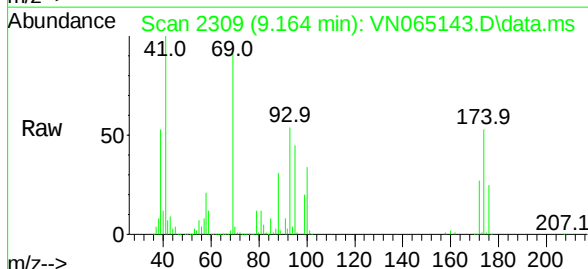


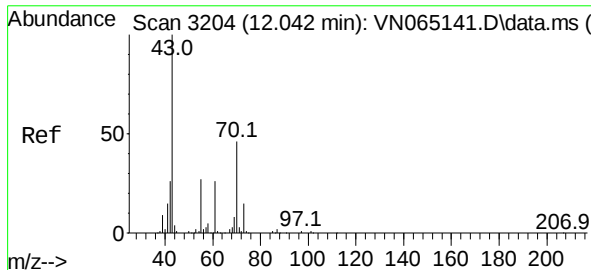
Abundance Scan 2309 (9.164 min): VN065141.D\data.ms (-22974-)

Methyl methacrylate
Concen: 81.24 ug/l
RT: 9.164 min Scan# 2309
Delta R.T. 0.000 min
Lab File: VN065143.D
Acq: 15 Dec 2020 14:32



Tgt Ion:	41	Resp:	638606
Ion	Ratio	Lower	Upper
41	100		
69	92.1	35.4	106.2
39	52.2	31.6	94.7





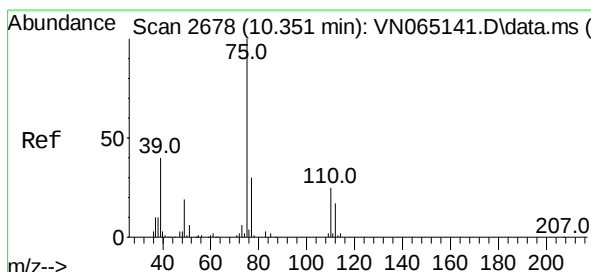
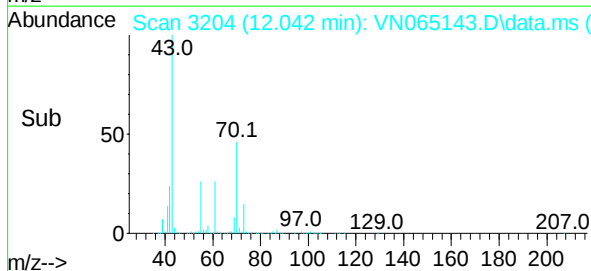
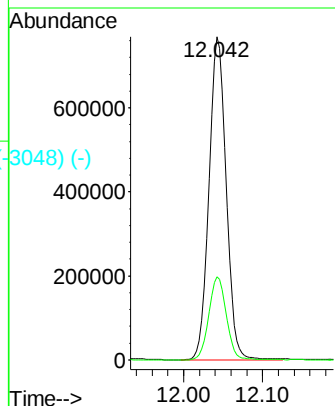
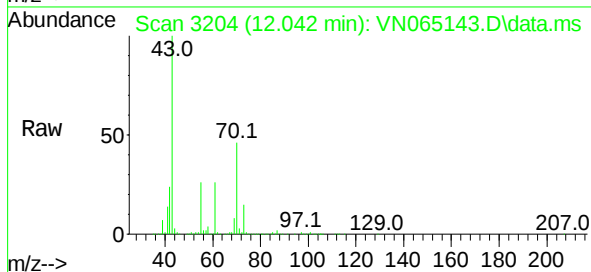
n-amy1 Acetate
Concen: 84.52 ug/l
RT: 12.042 min Scan# 3204
Delta R.T. 0.000 min
Lab File: VN065143.D
Acq: 15 Dec 2020 14:32

Tgt Ion: 43 Resp: 1156625
Ion Ratio Lower Upper
43 100
55 26.2 19.2 28.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

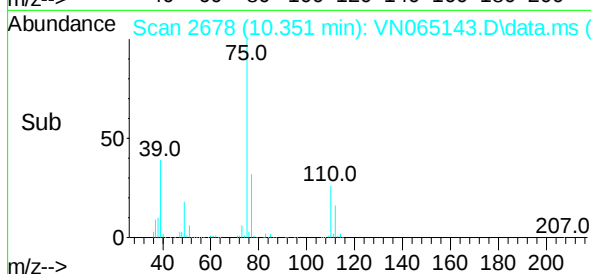
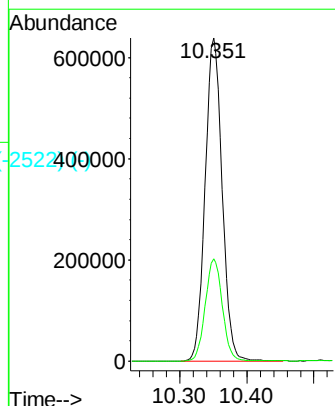
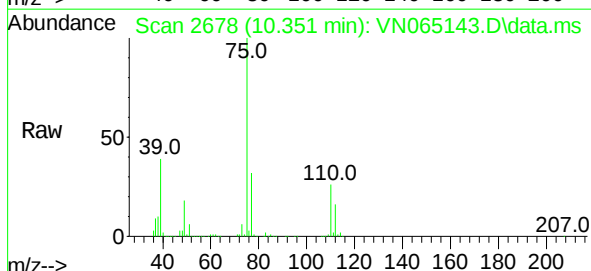
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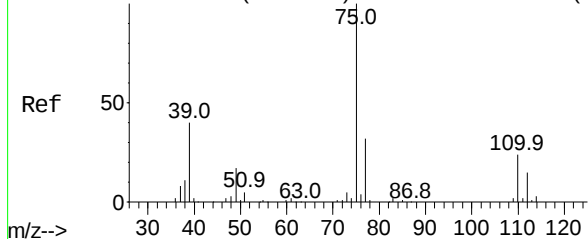


t-1,3-Dichloropropene
Concen: 95.61 ug/l
RT: 10.351 min Scan# 2678
Delta R.T. 0.000 min
Lab File: VN065143.D
Acq: 15 Dec 2020 14:32

Tgt Ion: 75 Resp: 1120500
Ion Ratio Lower Upper
75 100
77 31.5 25.8 38.6



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



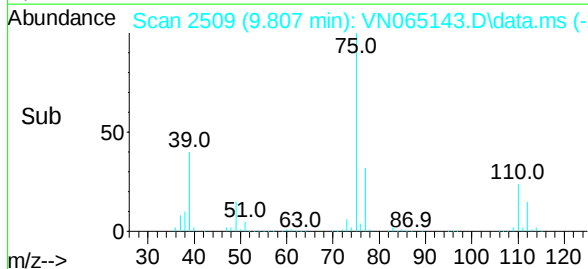
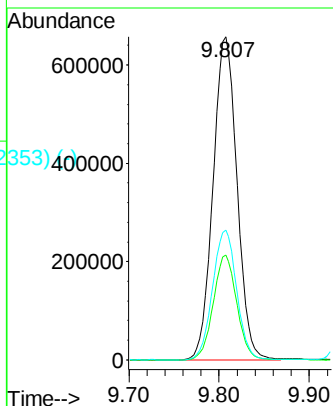
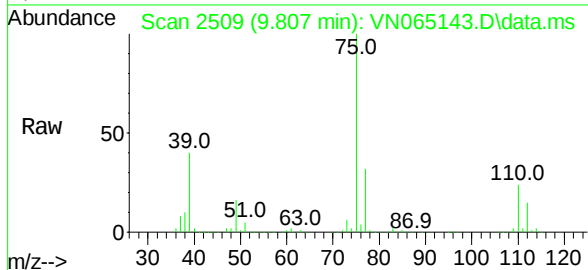
cis-1,3-Dichloropropene
Concen: 97.90 ug/l
RT: 9.807 min Scan# 2509
Delta R.T. 0.000 min
Lab File: VN065143.D
Acq: 15 Dec 2020 14:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

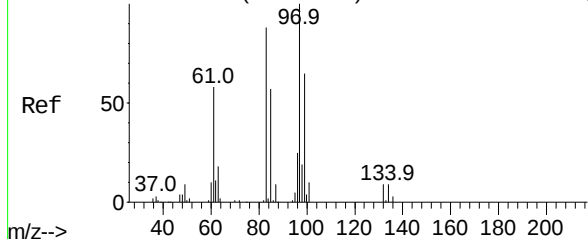
Tgt Ion: 75 Resp: 1219286
Ion Ratio Lower Upper
75 100
77 32.4 24.8 37.2
39 40.1 47.4 71.0#

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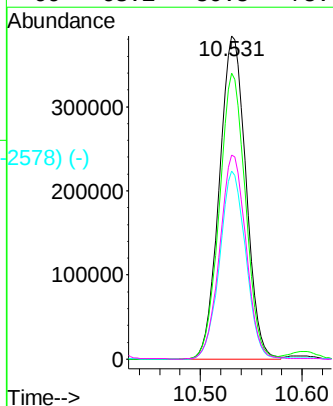
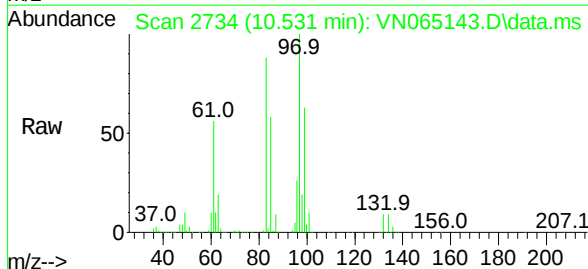


Abundance Scan 2734 (10.531 min): VN065141.D\data.ms (-2750)

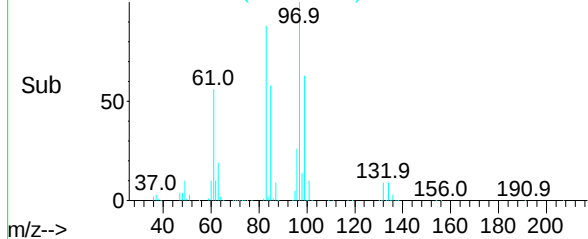


1,1,2-Trichloroethane
Concen: 97.31 ug/l
RT: 10.531 min Scan# 2734
Delta R.T. 0.000 min
Lab File: VN065143.D
Acq: 15 Dec 2020 14:32

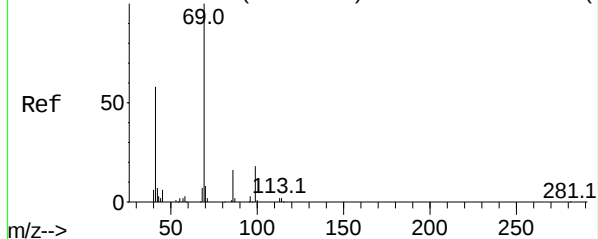
Tgt Ion: 97 Resp: 696583
Ion Ratio Lower Upper
97 100
83 88.5 74.2 111.4
85 58.2 44.8 67.2
99 63.2 50.5 75.7



Abundance Scan 2734 (10.531 min): VN065143.D\data.ms (-2578)



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



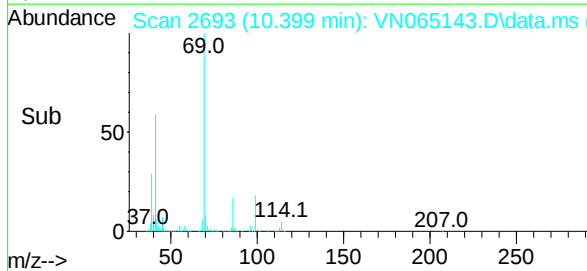
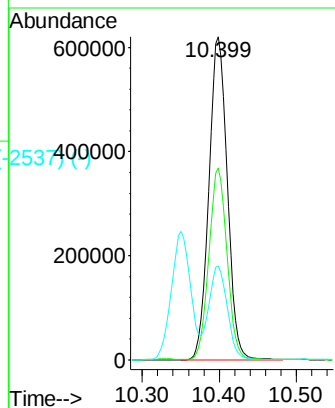
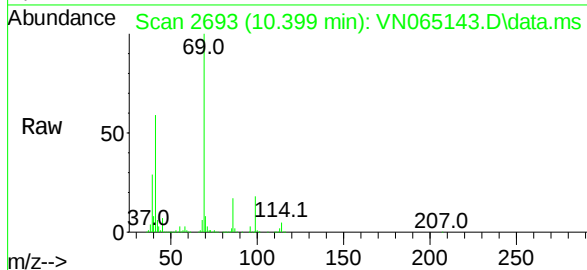
Ethyl methacrylate
Concen: 101.79 ug/l
RT: 10.399 min Scan# 2693
Delta R.T. 0.000 min
Lab File: VN065143.D
Acq: 15 Dec 2020 14:32

Tgt Ion: 69 Resp: 1034334
Ion Ratio Lower Upper
69 100
41 59.3 35.4 106.1
39 29.0 24.1 72.2

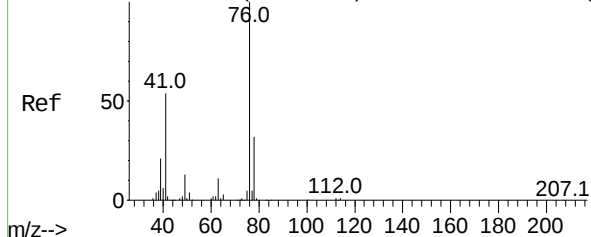
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

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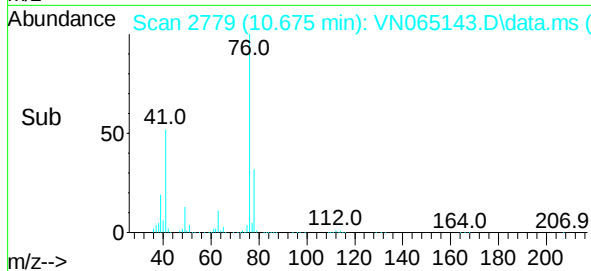
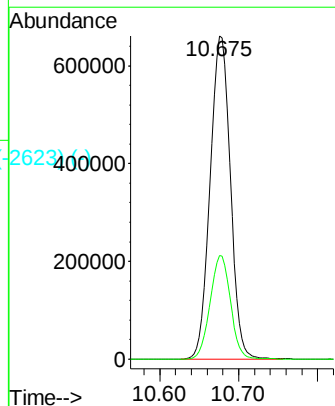
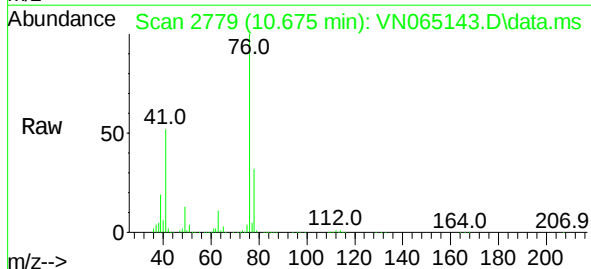


Abundance Scan 2779 (10.675 min): VN065141.D\data.ms (-2752)



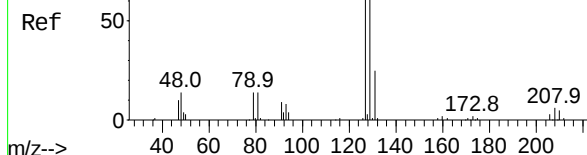
1,3-Dichloropropane
Concen: 96.61 ug/l
RT: 10.675 min Scan# 2779
Delta R.T. 0.000 min
Lab File: VN065143.D
Acq: 15 Dec 2020 14:32

Tgt Ion: 76 Resp: 1181155
Ion Ratio Lower Upper
76 100
78 32.3 0.0 65.2



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

Dibromochloromethane
Concen: 101.35 ug/l
RT: 10.872 min Scan# 2840
Delta R.T. 0.000 min
Lab File: VN065143.D
Acq: 15 Dec 2020 14:32

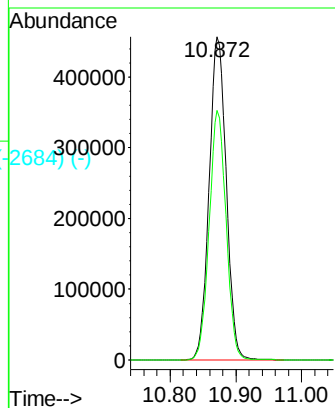
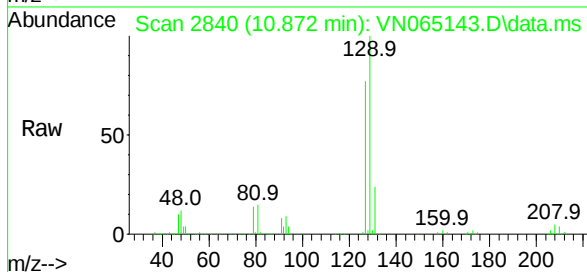


Tgt Ion:129 Resp: 826919
Ion Ratio Lower Upper
129 100
127 76.2 39.1 117.2

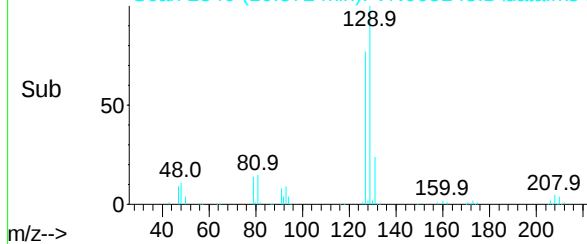
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

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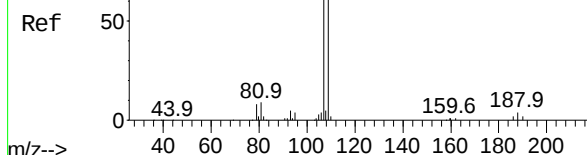


Abundance Scan 2840 (10.872 min): VN065143.D\data.ms (-2684) (-)

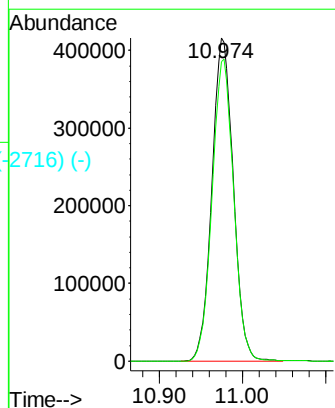
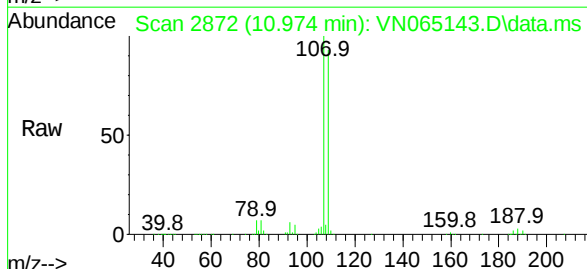


Abundance Scan 2872 (10.974 min): VN065141.D\data.ms (-2659) (-)

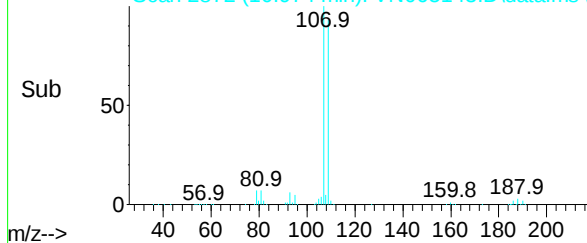
1,2-Dibromoethane
Concen: 100.65 ug/l
RT: 10.974 min Scan# 2872
Delta R.T. 0.000 min
Lab File: VN065143.D
Acq: 15 Dec 2020 14:32



Tgt Ion:107 Resp: 739715
Ion Ratio Lower Upper
107 100
109 94.4 77.2 115.8



Abundance Scan 2872 (10.974 min): VN065143.D\data.ms (-2716) (-)



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

2-Chloroethyl vinyl ether
Concen: 487.41 ug/l
RT: 9.663 min Scan# 2464
Delta R.T. 0.000 min
Lab File: VN065143.D
Acq: 15 Dec 2020 14:32

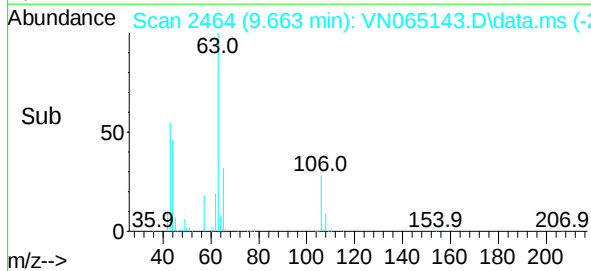
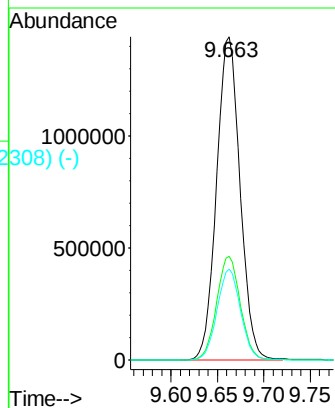
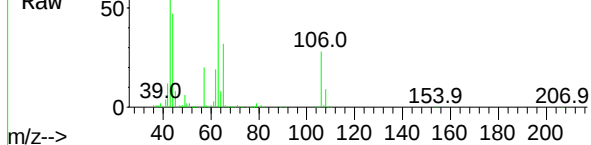
Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

Abundance Scan 2464 (9.663 min): VN065143.D\data.ms

Tgt Ion: 63 Resp: 2542122
Ion Ratio Lower Upper
63 100
65 32.4 25.7 38.5
106 28.1 19.9 29.9

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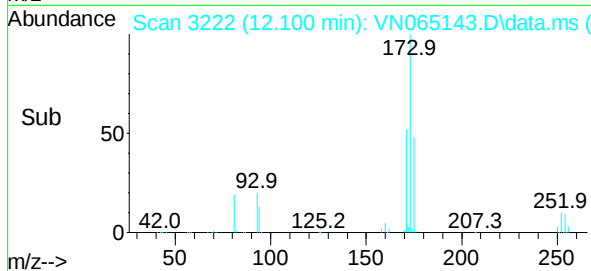
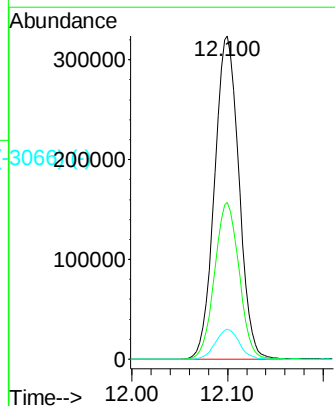
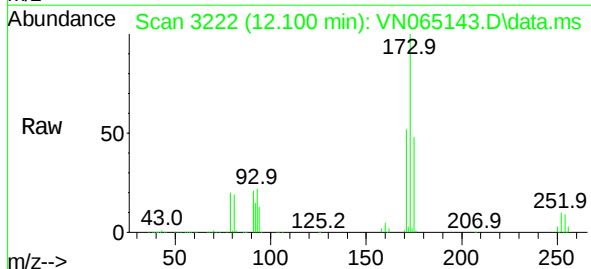
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12/16/2020 1:47:27 PM

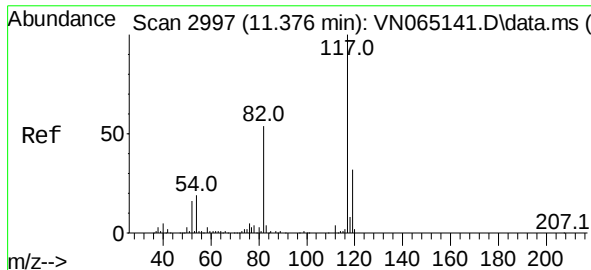


Abundance Scan 3222 (12.100 min): VN065141.D\data.ms (-3256) (-)

Bromoform
Concen: 105.91 ug/l
RT: 12.100 min Scan# 3222
Delta R.T. 0.000 min
Lab File: VN065143.D
Acq: 15 Dec 2020 14:32

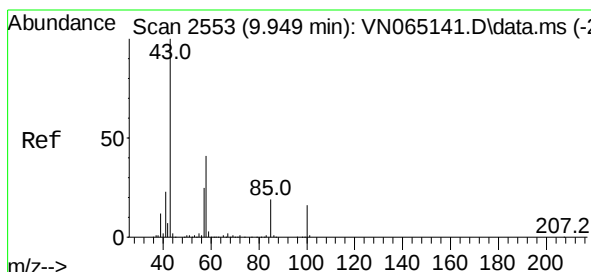
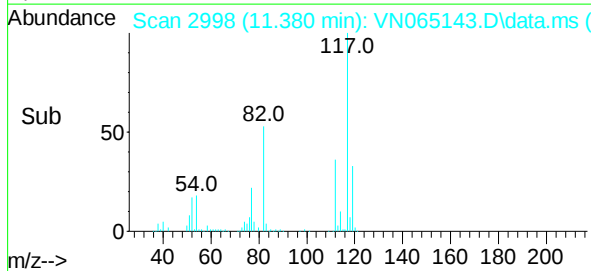
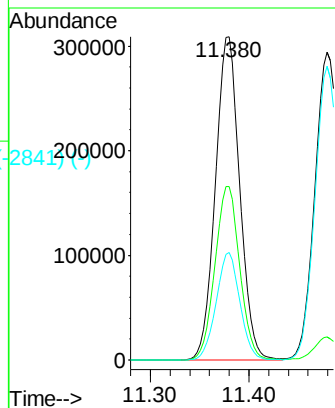
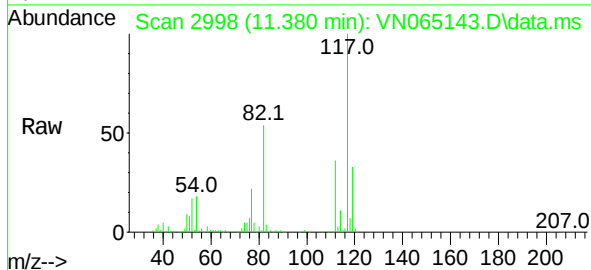
Tgt Ion: 173 Resp: 573206
Ion Ratio Lower Upper
173 100
175 48.7 37.1 55.7
254 9.0 5.4 8.2#





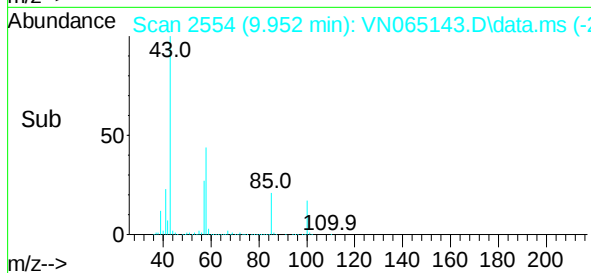
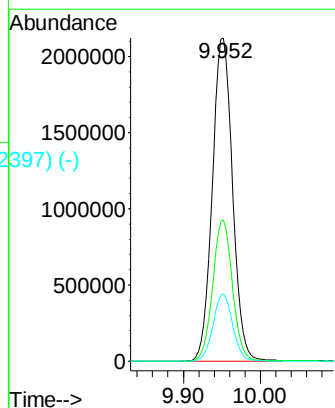
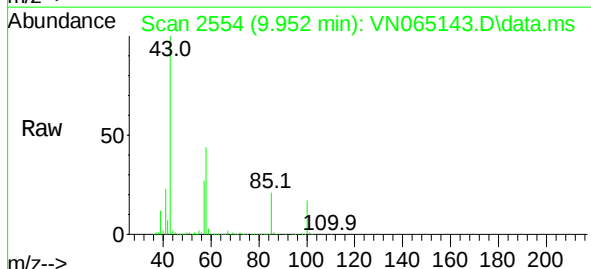
Chlorobenzene-d5
 Concen: 30.00 ug/l
 RT: 11.380 min Scan# 2998
 Delta R.T. 0.003 min
 Lab File: VN065143.D
 Acq: 15 Dec 2020 14:32

Tgt Ion:	117	Resp:	534106
Ion	Ratio	Lower	Upper
117	100		
82	54.6	47.8	71.8
119	32.3	25.7	38.5



4-Methyl-2-Pentanone
 Concen: 413.29 ug/l
 RT: 9.952 min Scan# 2554
 Delta R.T. 0.003 min
 Lab File: VN065143.D
 Acq: 15 Dec 2020 14:32

Tgt Ion:	43	Resp:	3867506
Ion	Ratio	Lower	Upper
43	100		
58	42.7	28.8	43.2
85	20.2	12.3	18.5#



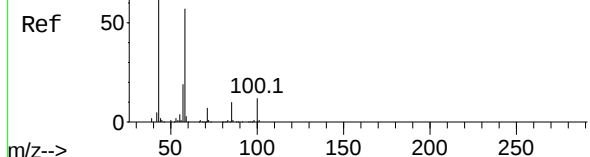
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

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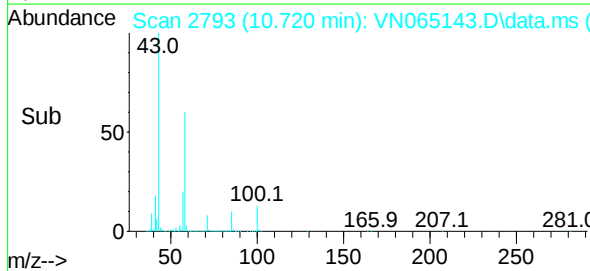
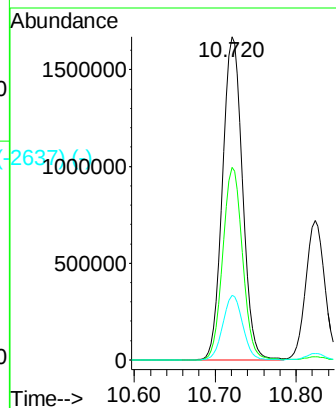
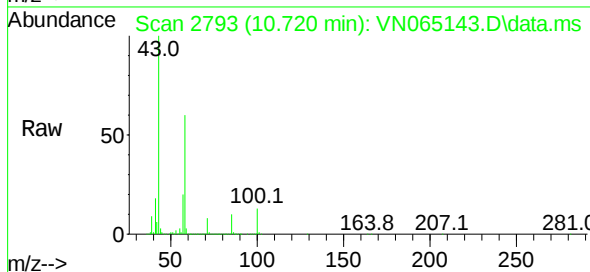
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Abundance Scan 2793 (10.720 min): VN065141.D\data.ms (-2759) (-)

2-Hexanone
Concen: 406.05 ug/l
RT: 10.720 min Scan# 2793
Delta R.T. 0.000 min
Lab File: VN065143.D
Acq: 15 Dec 2020 14:32

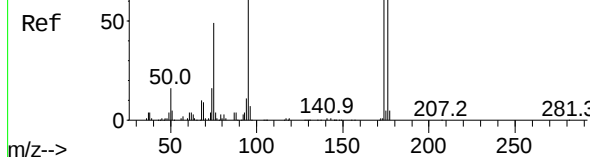


Tgt Ion: 43 Resp: 2828128
Ion Ratio Lower Upper
43 100
58 58.9 38.2 57.4#
57 19.9 13.8 20.8

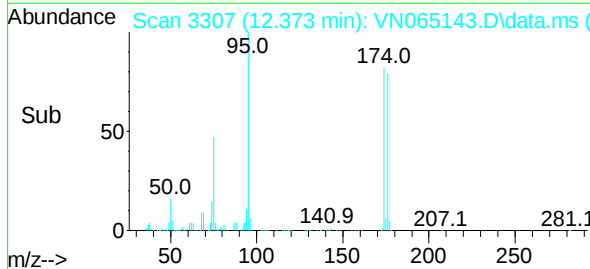
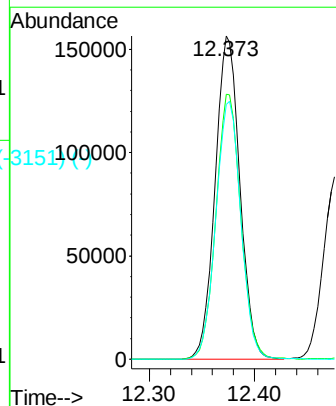
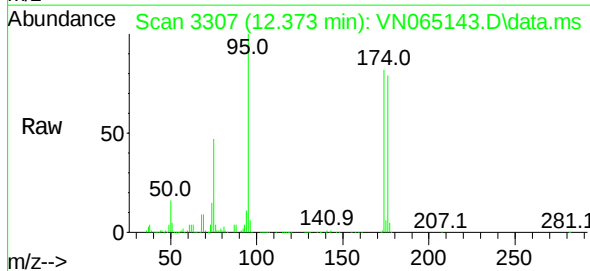


Abundance Scan 3307 (12.373 min): VN065141.D\data.ms (-3260) (-)

4-Bromofluorobenzene
Concen: 28.55 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.000 min
Lab File: VN065143.D
Acq: 15 Dec 2020 14:32



Tgt Ion: 95 Resp: 255052
Ion Ratio Lower Upper
95 100
174 82.5 56.4 84.6
176 80.7 53.3 79.9#



Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

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

Tetrachloroethene
Concen: 110.64 ug/l
RT: 10.601 min Scan# 2756
Delta R.T. 0.000 min
Lab File: VN065143.D
Acq: 15 Dec 2020 14:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

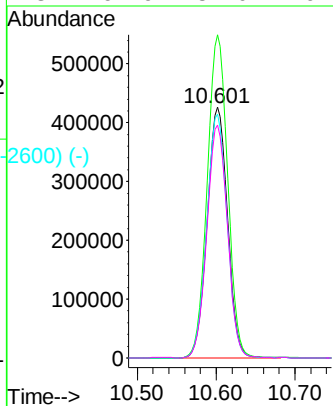
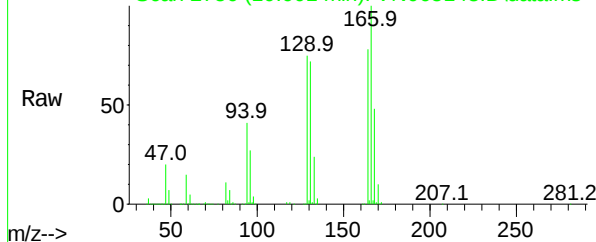
Abundance Scan 2756 (10.601 min): VN065143.D\data.ms

Tgt Ion:164 Resp: 765778
Ion Ratio Lower Upper
164 100
166 128.9 103.2 154.8
129 97.2 86.4 129.6
131 92.9 84.0 126.0

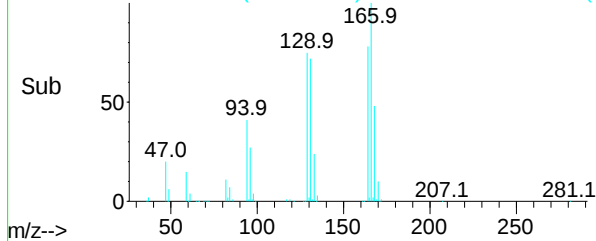
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Abundance Scan 2756 (10.601 min): VN065143.D\data.ms



Abundance Scan 2756 (10.601 min): VN065143.D\data.ms (-2600) (-)

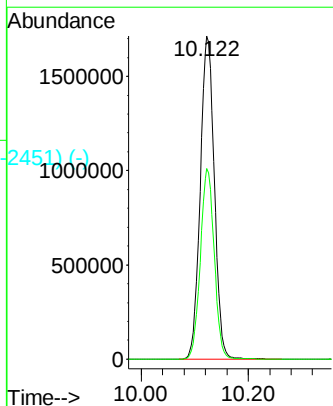
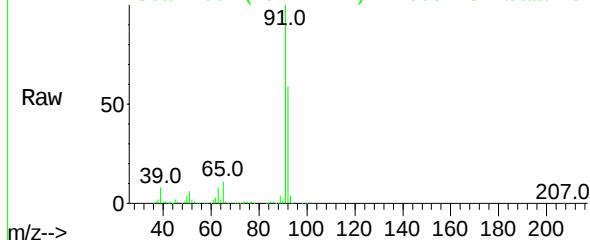


Abundance Scan 2607 (10.122 min): VN065141.D\data.ms (-2562) (-)

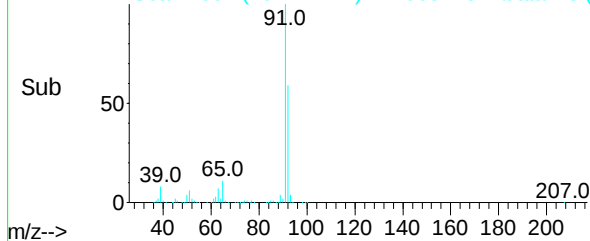
Toluene
Concen: 100.63 ug/l
RT: 10.122 min Scan# 2607
Delta R.T. 0.000 min
Lab File: VN065143.D
Acq: 15 Dec 2020 14:32

Tgt Ion: 91 Resp: 3135746
Ion Ratio Lower Upper
91 100
92 58.0 45.4 68.2

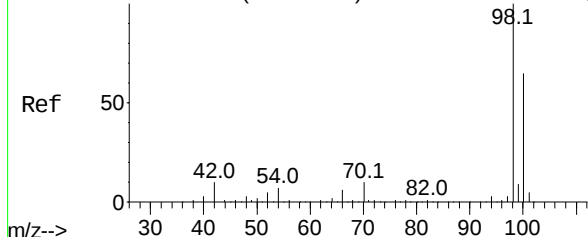
Abundance Scan 2607 (10.122 min): VN065143.D\data.ms



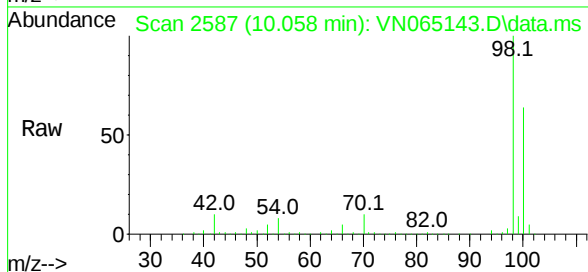
Abundance Scan 2607 (10.122 min): VN065143.D\data.ms (-2451) (-)



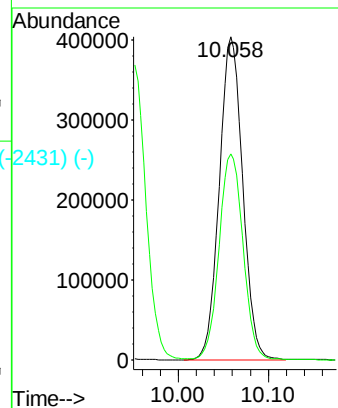
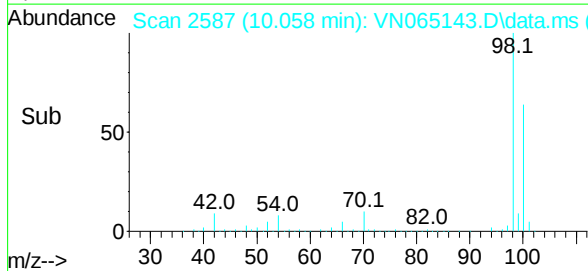
Abundance Scan 2587 (10.058 min): VN065141.D\data.ms (-2587) (-)



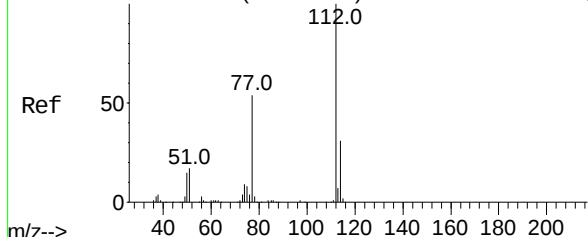
Toluene-d8
Concen: 29.54 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065143.D
Acq: 15 Dec 2020 14:32



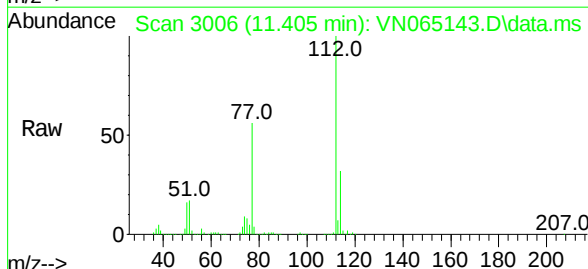
Tgt Ion: 98 Resp: 731851
Ion Ratio Lower Upper
98 100
100 65.2 49.4 74.2



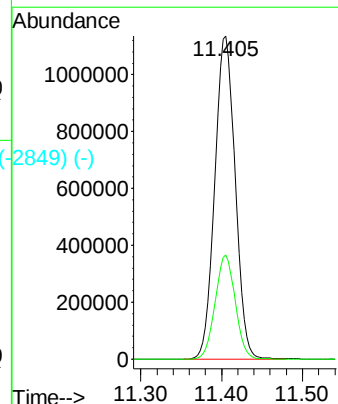
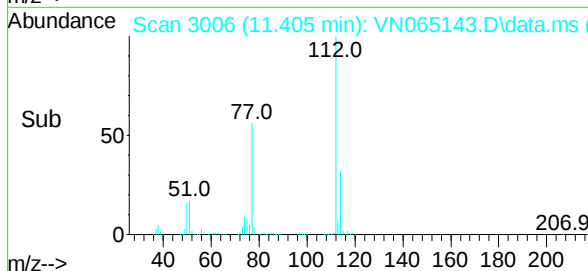
Abundance Scan 3005 (11.402 min): VN065141.D\data.ms (-2991) (-)



Chlorobenzene
Concen: 106.17 ug/l
RT: 11.405 min Scan# 3006
Delta R.T. 0.003 min
Lab File: VN065143.D
Acq: 15 Dec 2020 14:32



Tgt Ion: 112 Resp: 1981426
Ion Ratio Lower Upper
112 100
114 32.3 25.0 37.6

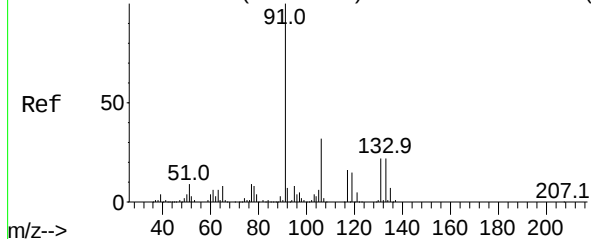


Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

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Abundance Scan 3029 (11.479 min): VN065141.D\data.ms (-3065) (-)



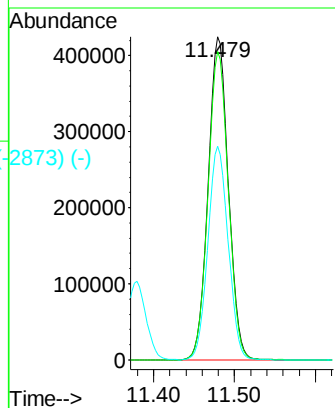
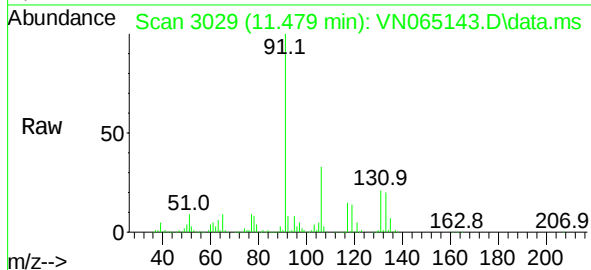
1,1,1,2-Tetrachloroethane
Concen: 101.78 ug/l
RT: 11.479 min Scan# 3029
Delta R.T. 0.000 min
Lab File: VN065143.D
Acq: 15 Dec 2020 14:32

Tgt Ion: 131 Resp: 736833
Ion Ratio Lower Upper
131 100
133 96.0 0.0 191.2
119 66.3 0.0 131.6

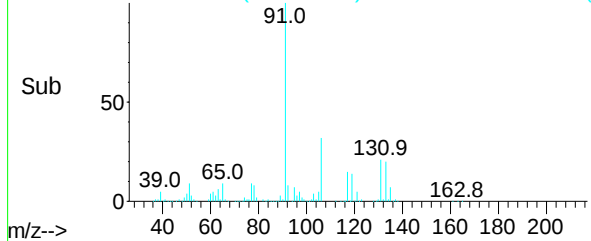
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

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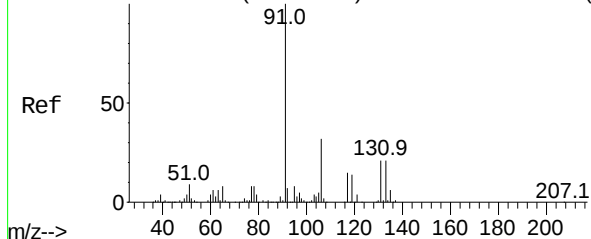
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Abundance Scan 3029 (11.479 min): VN065143.D\data.ms (-2873) (-)

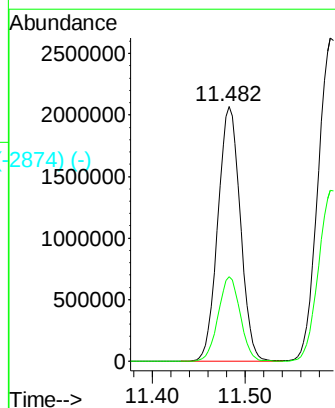
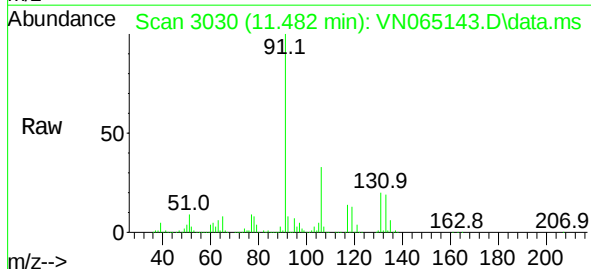


Abundance Scan 3030 (11.482 min): VN065141.D\data.ms (-3066) (-)

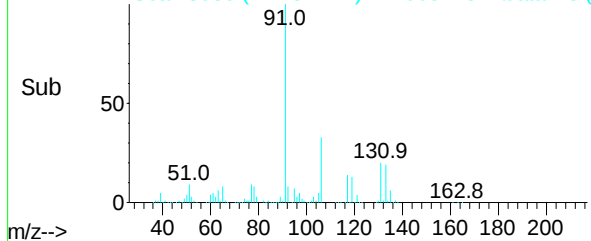


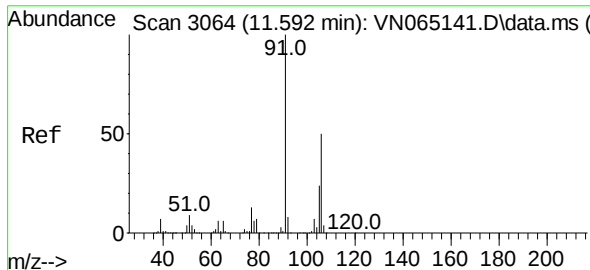
Ethyl Benzene
Concen: 103.17 ug/l
RT: 11.482 min Scan# 3030
Delta R.T. 0.000 min
Lab File: VN065143.D
Acq: 15 Dec 2020 14:32

Tgt Ion: 91 Resp: 3466536
Ion Ratio Lower Upper
91 100
106 33.2 23.9 35.9



Abundance Scan 3030 (11.482 min): VN065143.D\data.ms (-2874) (-)



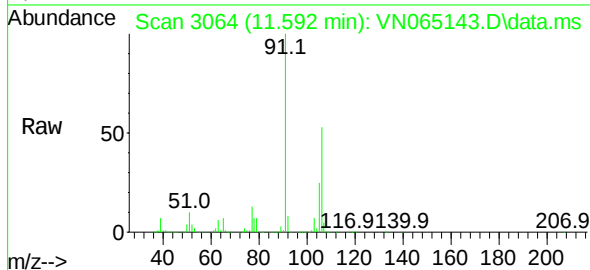


m/p-Xylenes
Concen: 216.76 ug/l
RT: 11.592 min Scan# 3064
Delta R.T. 0.000 min
Lab File: VN065143.D
Acq: 15 Dec 2020 14:32

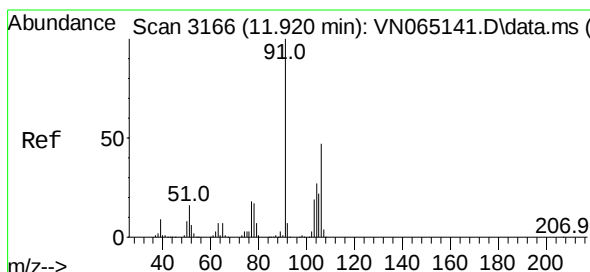
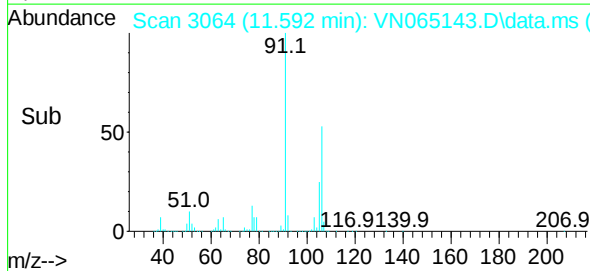
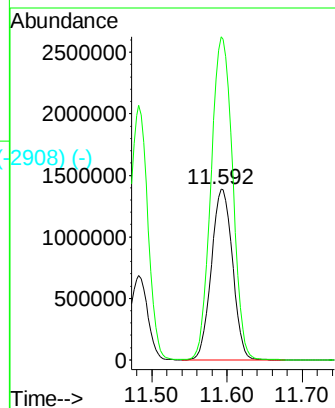
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

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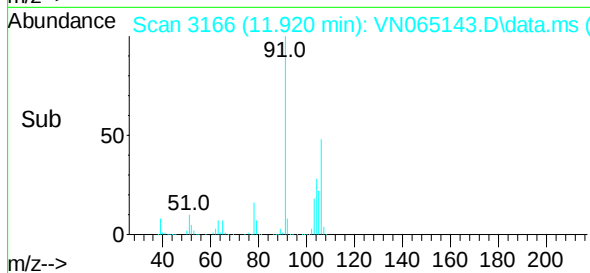
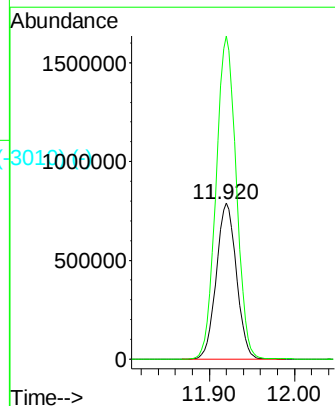
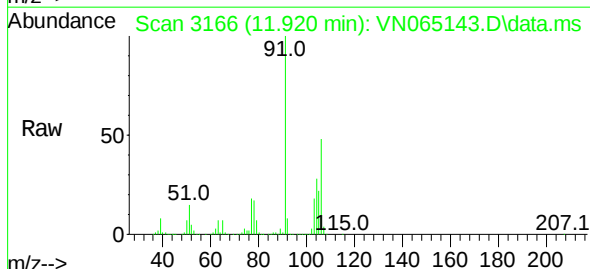


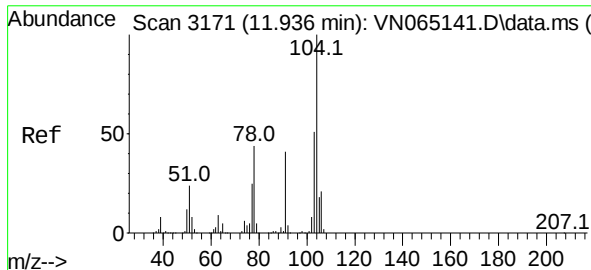
Tgt Ion:106 Resp: 2704499
Ion Ratio Lower Upper
106 100
91 193.8 168.8 253.2



o-Xylene
Concen: 109.10 ug/l
RT: 11.920 min Scan# 3166
Delta R.T. 0.000 min
Lab File: VN065143.D
Acq: 15 Dec 2020 14:32

Tgt Ion:106 Resp: 1290283
Ion Ratio Lower Upper
106 100
91 208.0 109.7 329.2





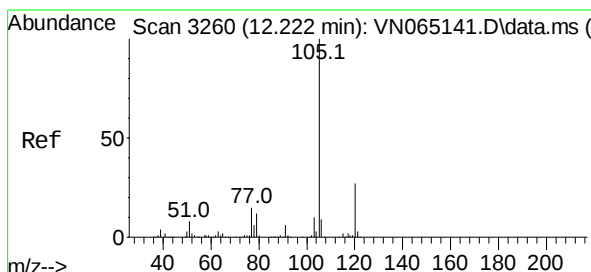
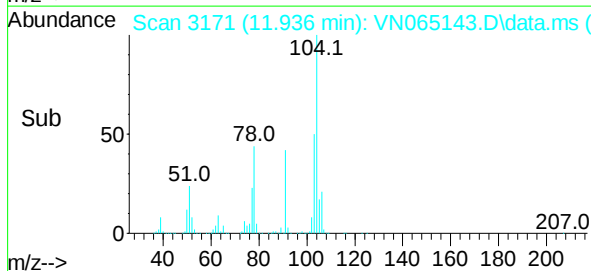
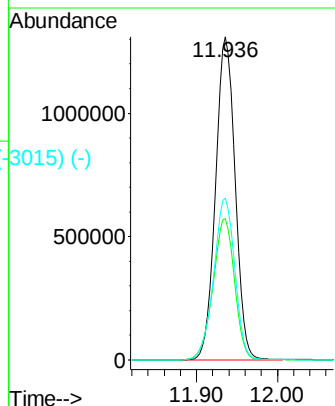
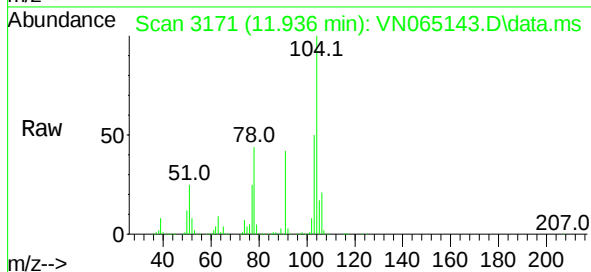
Styrene
Concen: 108.17 ug/l
RT: 11.936 min Scan# 3171
Delta R.T. 0.000 min
Lab File: VN065143.D
Acq: 15 Dec 2020 14:32

Tgt Ion:	104	Resp:	2180138
Ion	Ratio	Lower	Upper
104	100		
78	48.2	44.4	66.6
103	54.3	44.6	67.0

Instrument :
MSVOA_N
ClientSampleId :
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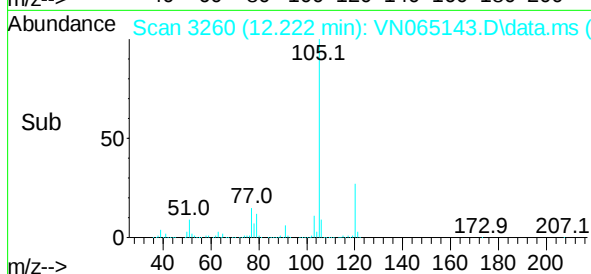
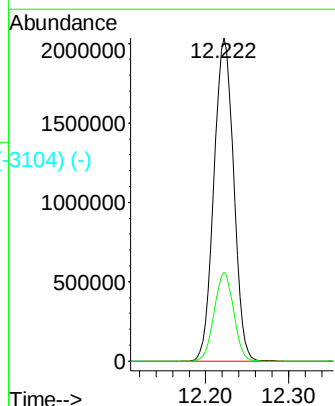
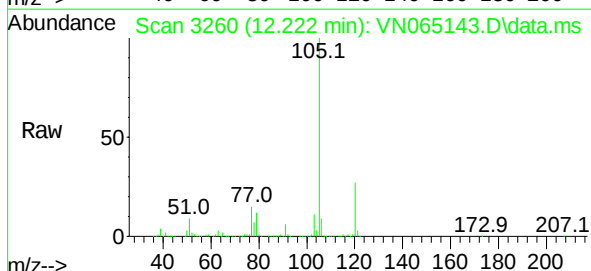
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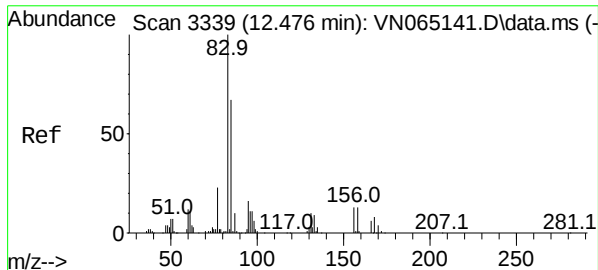
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Isopropylbenzene
Concen: 108.34 ug/l
RT: 12.222 min Scan# 3260
Delta R.T. 0.000 min
Lab File: VN065143.D
Acq: 15 Dec 2020 14:32

Tgt Ion:	105	Resp:	3353430
Ion	Ratio	Lower	Upper
105	100		
120	26.9	17.9	33.3





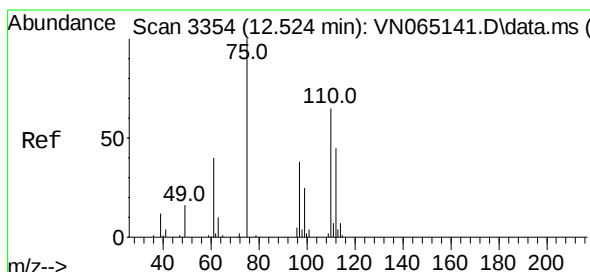
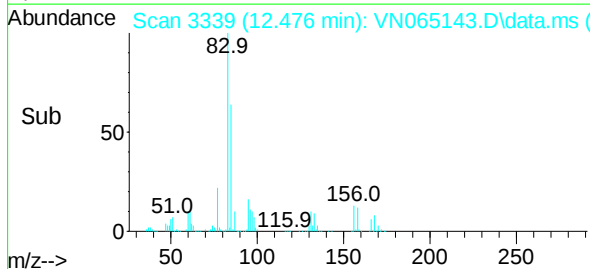
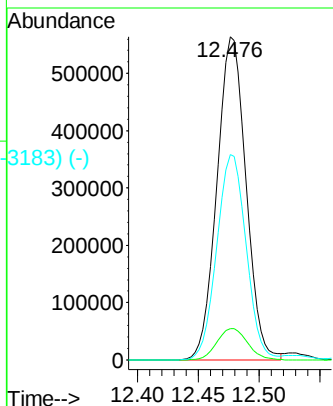
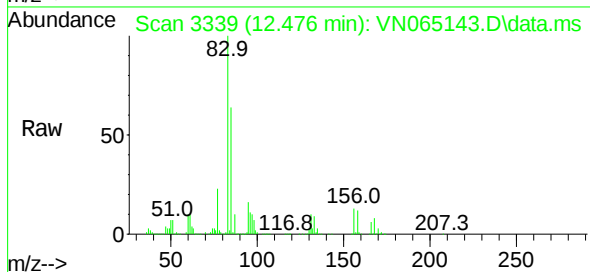
Scan 3339 (12.476 min): VN065141.D\data.ms (-3376) (-)
 1,1,2,2-Tetrachloroethane
 Concen: 96.16 ug/l
 RT: 12.476 min Scan# 3339
 Delta R.T. 0.000 min
 Lab File: VN065143.D
 Acq: 15 Dec 2020 14:32

Tgt Ion:	83	Resp:	936821
Ion	Ratio	Lower	Upper
83	100		
131	10.2	4.6	13.8
85	64.2	31.4	94.0

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

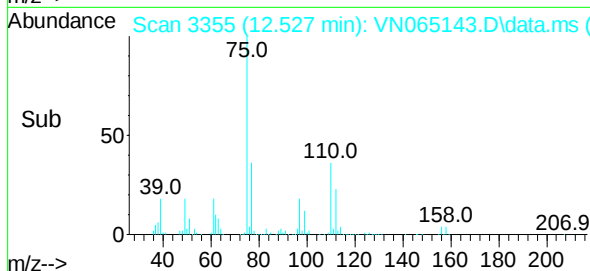
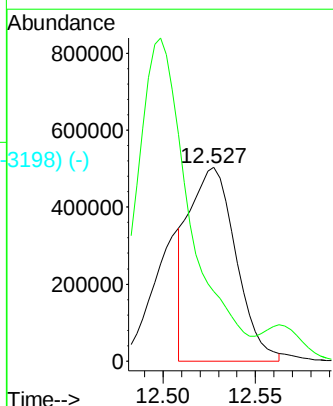
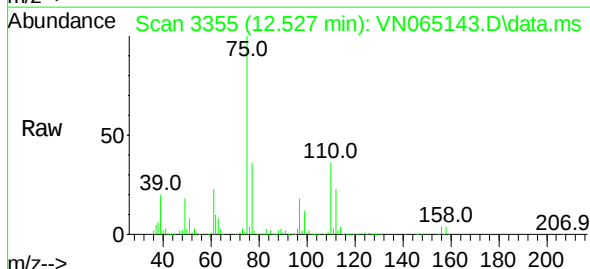
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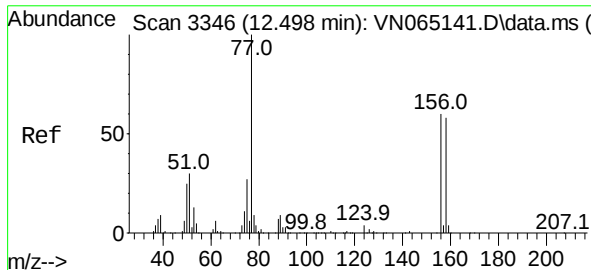
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Scan 3354 (12.524 min): VN065141.D\data.ms (-3379) (-)
 1,2,3-Trichloropropane
 Concen: 91.59 ug/l m
 RT: 12.527 min Scan# 3355
 Delta R.T. 0.003 min
 Lab File: VN065143.D
 Acq: 15 Dec 2020 14:32

Tgt Ion:	75	Resp:	890383
Ion	Ratio	Lower	Upper
75	100		
77	190.0	0.0	379.4





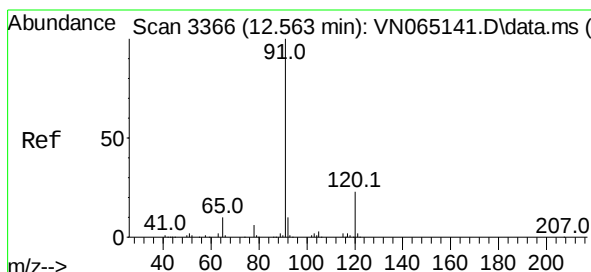
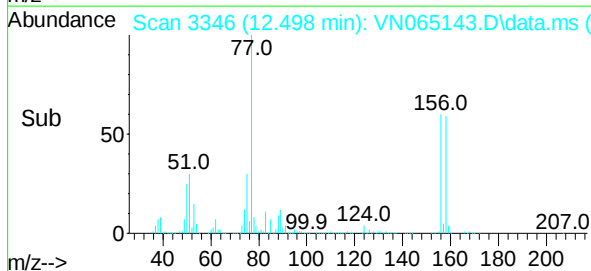
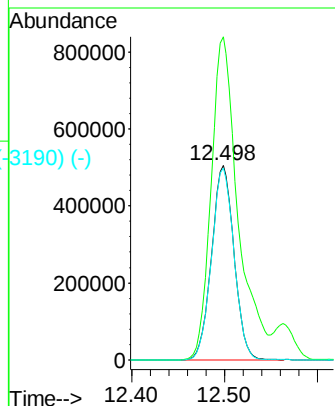
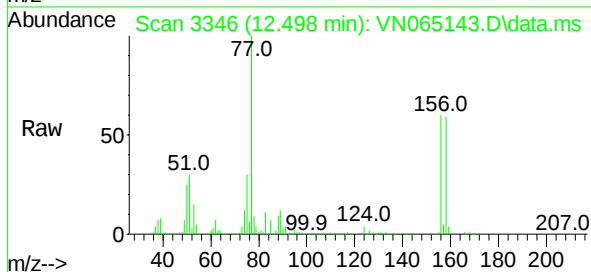
Bromobenzene
Concen: 109.44 ug/l
RT: 12.498 min Scan# 3346
Delta R.T. 0.000 min
Lab File: VN065143.D
Acq: 15 Dec 2020 14:32

Tgt Ion:	156	Resp:	847262
Ion	Ratio	Lower	Upper
156	100		
77	199.7	0.0	480.2
158	98.7	0.0	194.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

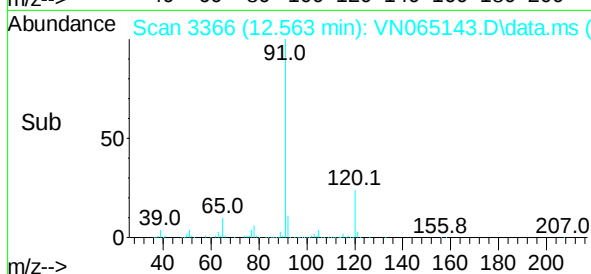
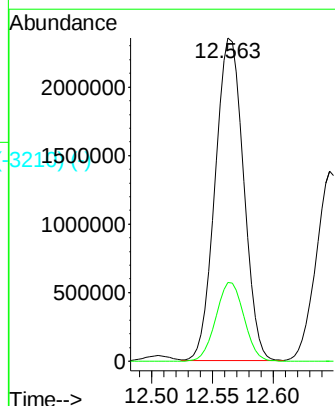
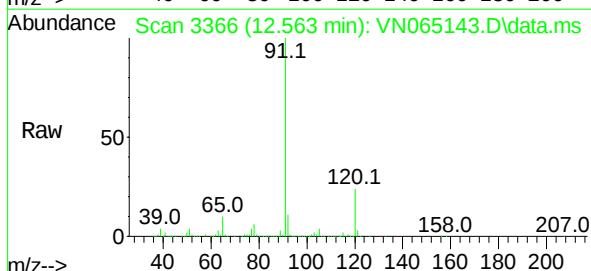
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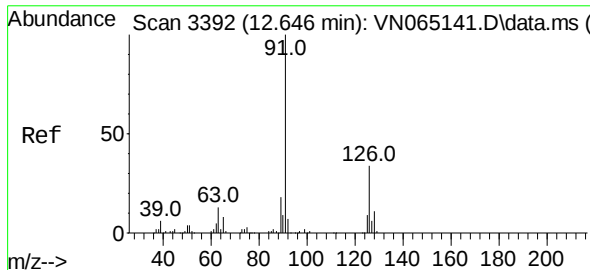
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n-propylbenzene
Concen: 105.75 ug/l
RT: 12.563 min Scan# 3366
Delta R.T. 0.000 min
Lab File: VN065143.D
Acq: 15 Dec 2020 14:32

Tgt Ion:	91	Resp:	3829623
Ion	Ratio	Lower	Upper
91	100		
120	24.1	0.0	42.8





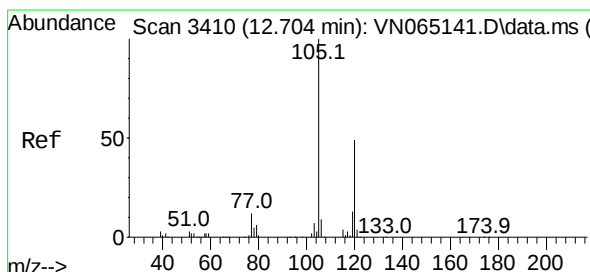
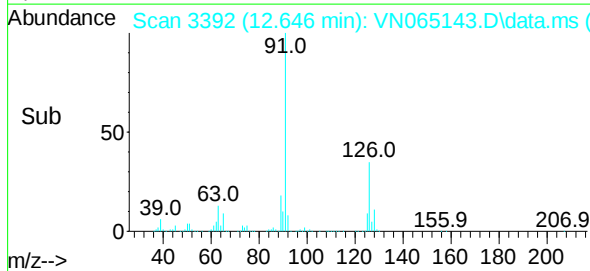
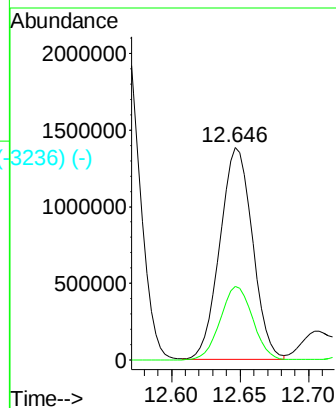
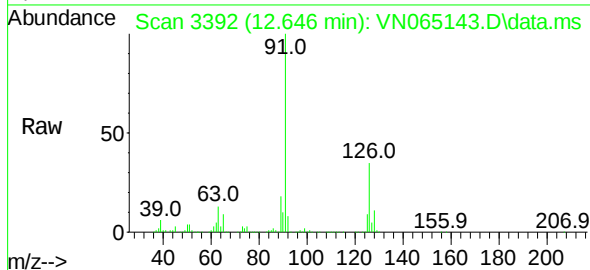
2-Chlorotoluene
Concen: 101.07 ug/l
RT: 12.646 min Scan# 3392
Delta R.T. 0.000 min
Lab File: VN065143.D
Acq: 15 Dec 2020 14:32

Tgt Ion: 91 Resp: 2284221
Ion Ratio Lower Upper
91 100
126 34.5 0.0 61.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

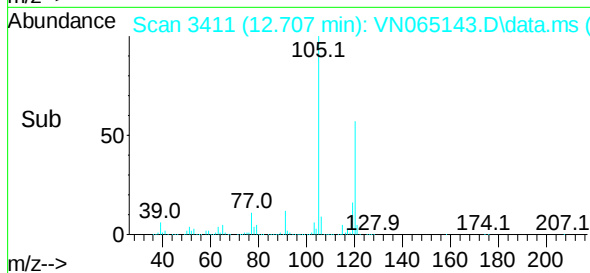
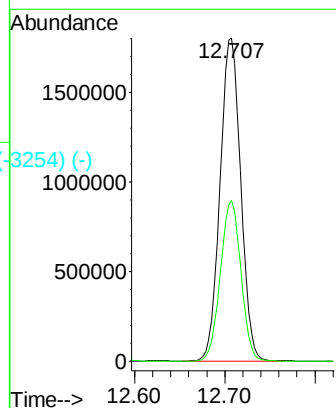
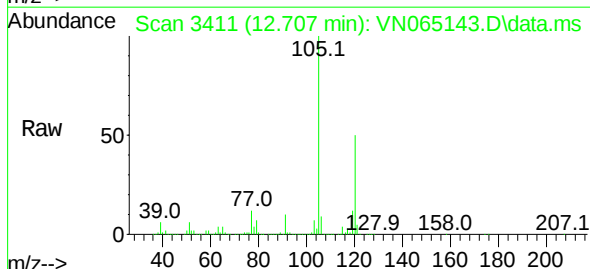
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1,3,5-Trimethylbenzene
Concen: 109.97 ug/l
RT: 12.707 min Scan# 3411
Delta R.T. 0.003 min
Lab File: VN065143.D
Acq: 15 Dec 2020 14:32

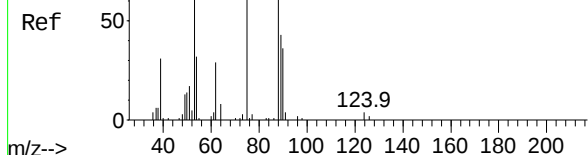
Tgt Ion:105 Resp: 2880707
Ion Ratio Lower Upper
105 100
120 49.4 0.0 90.4



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

t-1,4-Dichloro-2-butene
Concen: 96.73 ug/l
RT: 12.273 min Scan# 3276
Delta R.T. 0.000 min
Lab File: VN065143.D
Acq: 15 Dec 2020 14:32

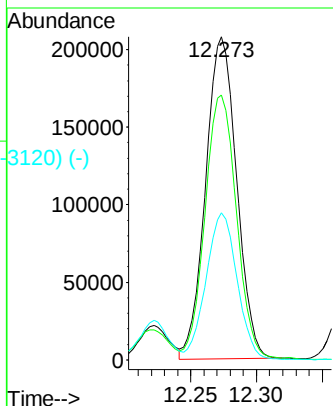
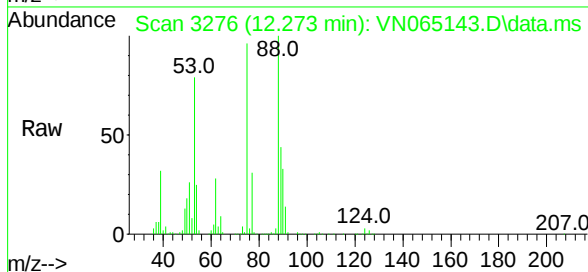
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



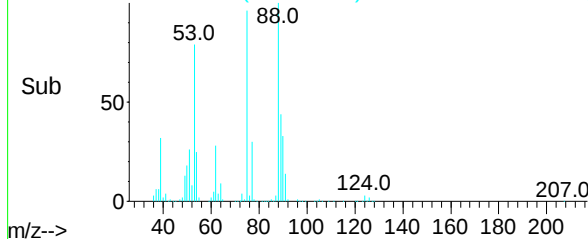
Tgt Ion:	75	Resp:	339391
Ion	Ratio	Lower	Upper
75	100		
53	81.9	50.3	150.9
89	45.4	23.3	69.8

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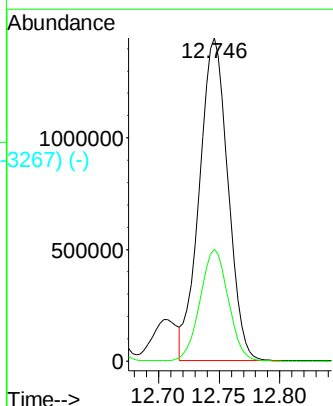
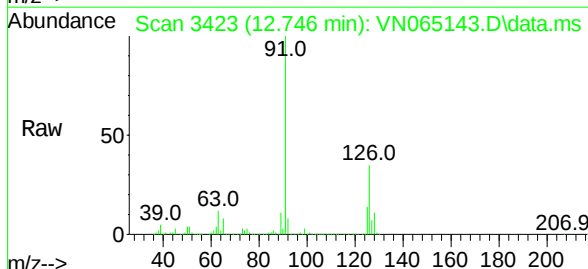
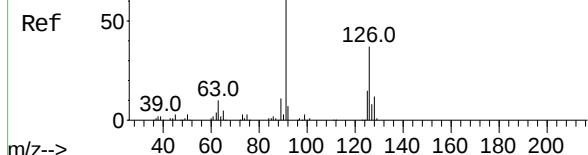
Abundance Scan 3276 (12.273 min): VN065143.D\data.ms (-3120) (-)



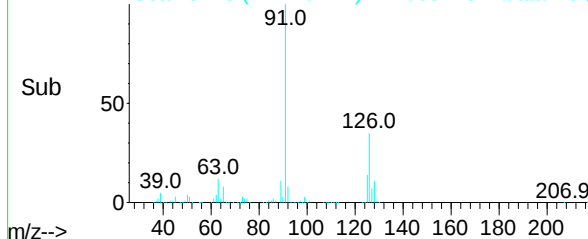
Abundance Scan 3423 (12.746 min): VN065141.D\data.ms (-3423) (-)

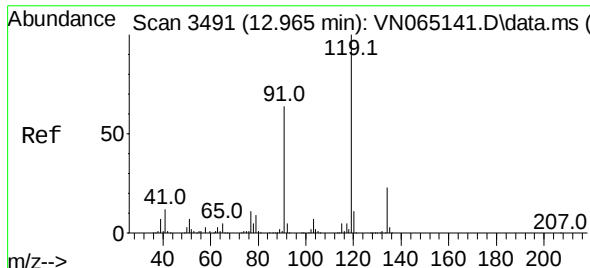
4-Chlorotoluene
Concen: 100.27 ug/l
RT: 12.746 min Scan# 3423
Delta R.T. 0.000 min
Lab File: VN065143.D
Acq: 15 Dec 2020 14:32

Tgt Ion:	91	Resp:	2364705
Ion	Ratio	Lower	Upper
91	100		
126	34.4	0.0	61.8



Abundance Scan 3423 (12.746 min): VN065143.D\data.ms (-3267) (-)





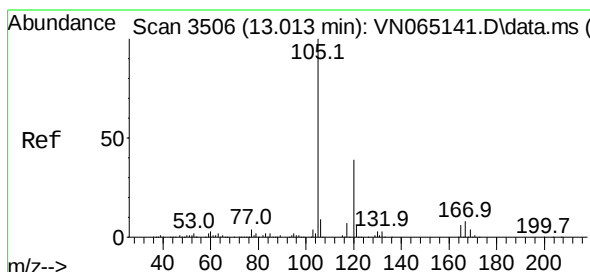
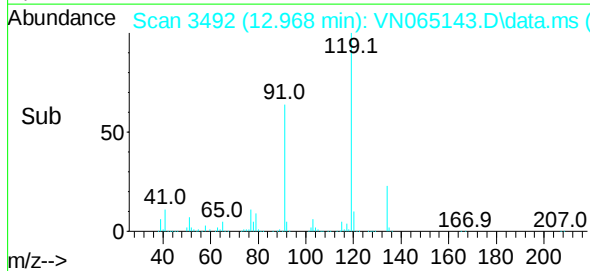
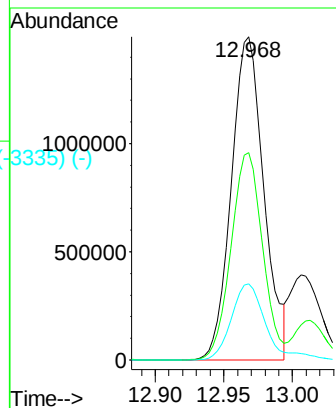
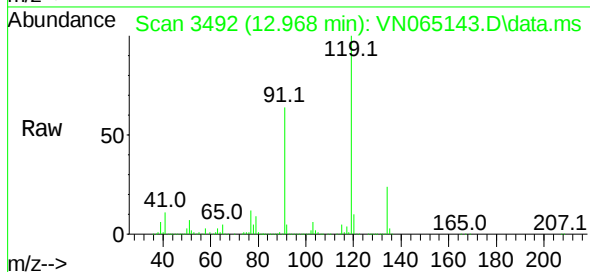
tert-butylbenzene
Concen: 117.64 ug/l
RT: 12.968 min Scan# 3492
Delta R.T. 0.003 min
Lab File: VN065143.D
Acq: 15 Dec 2020 14:32

Tgt Ion:	119	Resp:	2460905
Ion	Ratio	Lower	Upper
119	100		
91	62.1	0.0	147.8
134	23.8	0.0	50.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

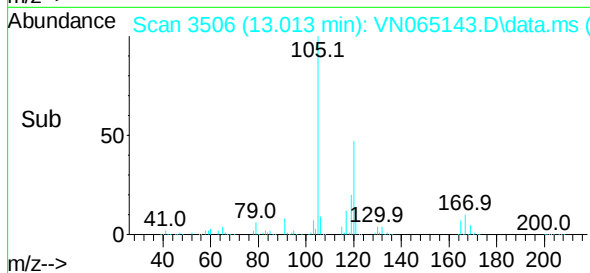
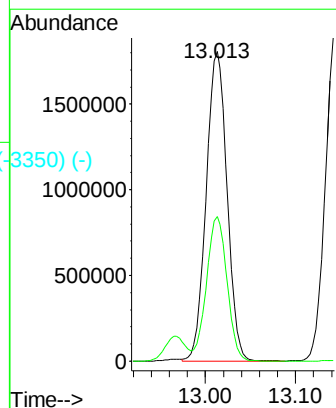
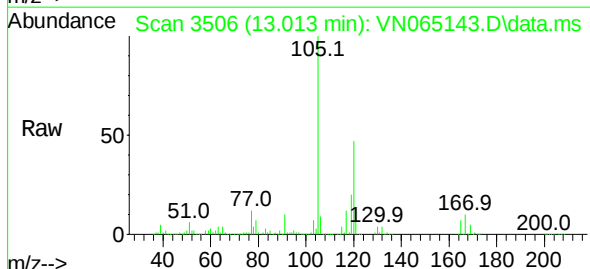
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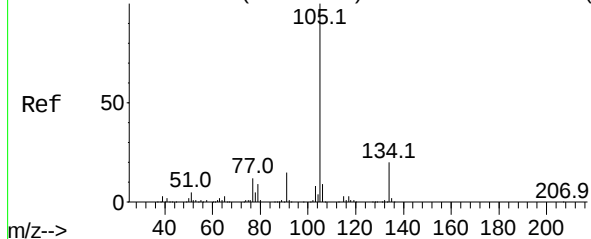


1,2,4-Trimethylbenzene
Concen: 109.76 ug/l
RT: 13.013 min Scan# 3506
Delta R.T. 0.000 min
Lab File: VN065143.D
Acq: 15 Dec 2020 14:32

Tgt Ion:	105	Resp:	2895890
Ion	Ratio	Lower	Upper
105	100		
120	46.1	0.0	88.6



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



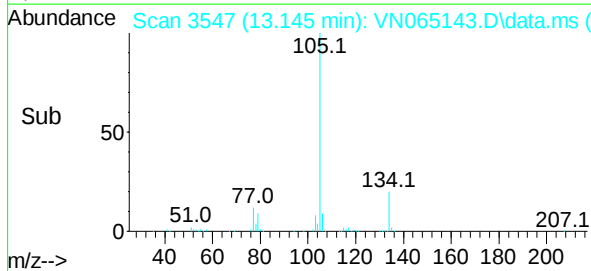
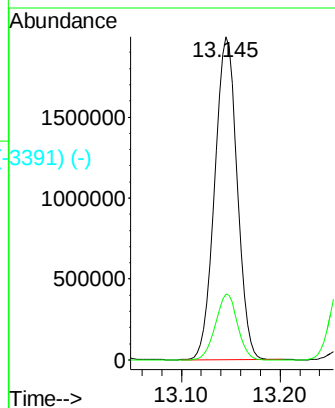
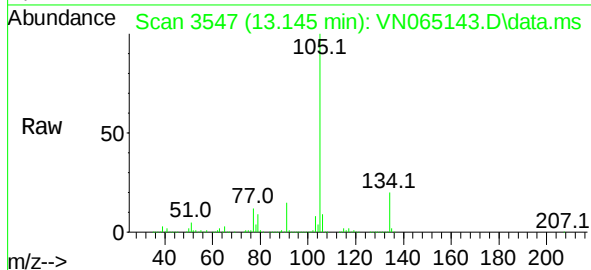
sec-Butylbenzene
Concen: 116.02 ug/l
RT: 13.145 min Scan# 3547
Delta R.T. 0.000 min
Lab File: VN065143.D
Acq: 15 Dec 2020 14:32

Tgt Ion:105 Resp: 3179007
Ion Ratio Lower Upper
105 100
134 20.0 0.0 37.8

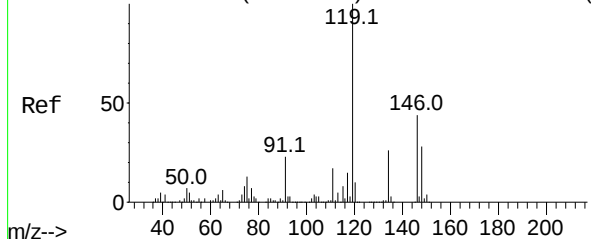
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

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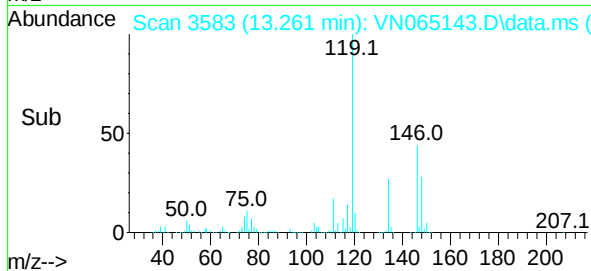
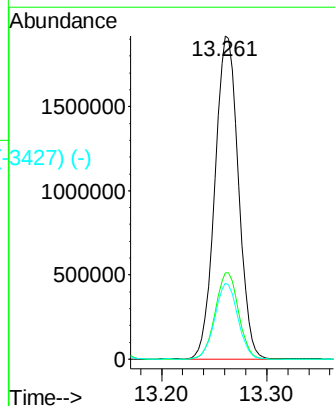
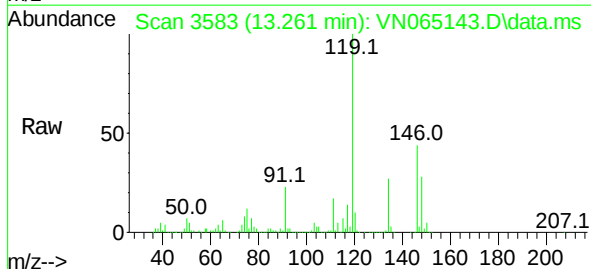


Abundance Scan 3583 (13.261 min): VN065141.D\data.ms (-3583) (-)

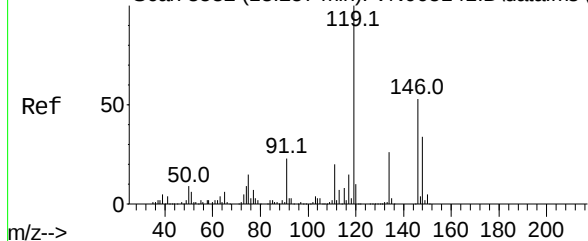


p-Isopropyltoluene
Concen: 120.71 ug/l
RT: 13.261 min Scan# 3583
Delta R.T. 0.000 min
Lab File: VN065143.D
Acq: 15 Dec 2020 14:32

Tgt Ion:119 Resp: 2966023
Ion Ratio Lower Upper
119 100
134 26.4 0.0 53.0
91 23.0 0.0 53.2



Abundance Scan 3582 (13.257 min): VN065141.D\data.ms (-3582) (-)



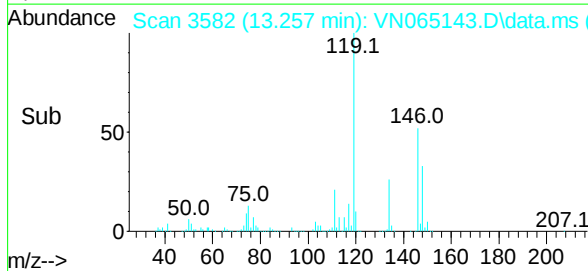
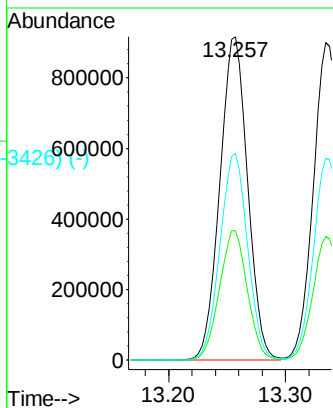
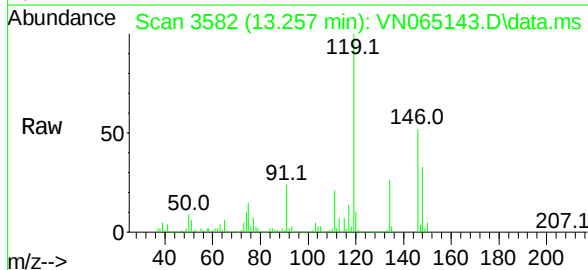
1,3-Dichlorobenzene
Concen: 111.69 ug/l
RT: 13.257 min Scan# 3582
Delta R.T. 0.000 min
Lab File: VN065143.D
Acq: 15 Dec 2020 14:32

Tgt Ion:146 Resp: 1512629
Ion Ratio Lower Upper
146 100
111 40.1 22.3 66.9
148 63.7 31.8 95.3

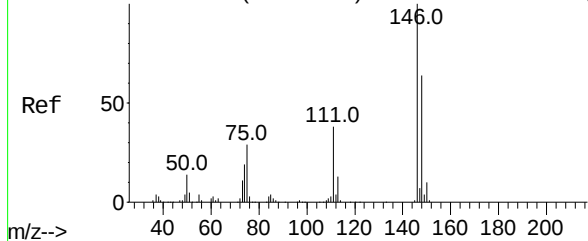
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

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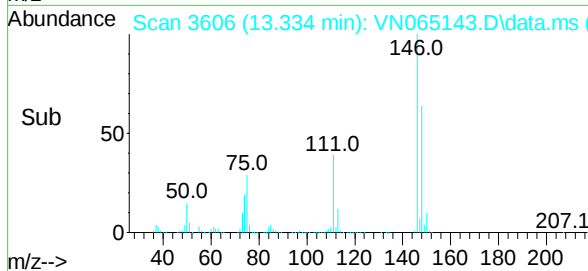
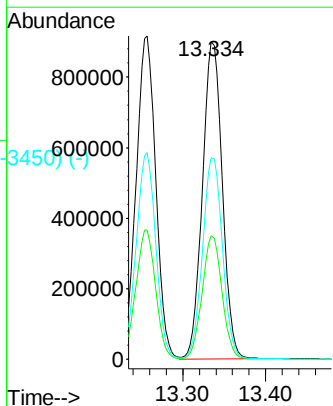
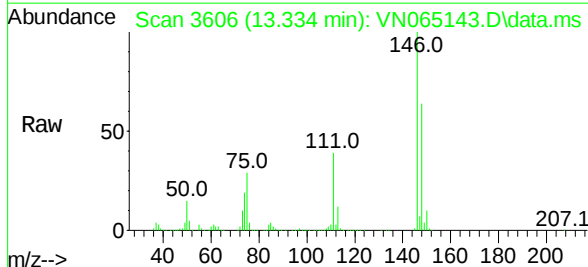


Abundance Scan 3606 (13.334 min): VN065141.D\data.ms (-3584) (-)

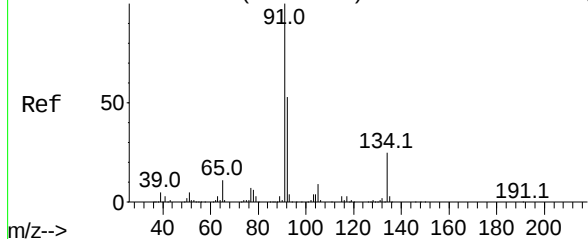


1,4-Dichlorobenzene
Concen: 111.14 ug/l
RT: 13.334 min Scan# 3606
Delta R.T. 0.000 min
Lab File: VN065143.D
Acq: 15 Dec 2020 14:32

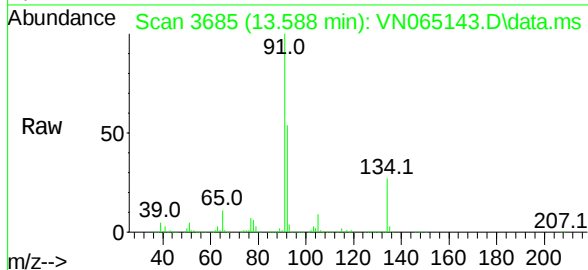
Tgt Ion:146 Resp: 1493351
Ion Ratio Lower Upper
146 100
111 38.5 21.8 65.4
148 63.6 31.5 94.5



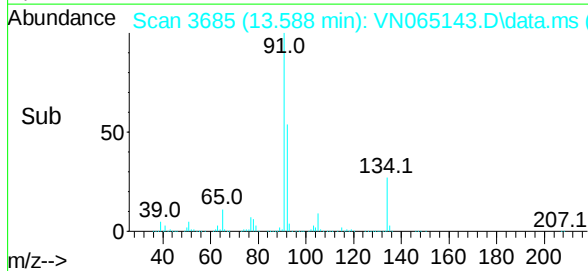
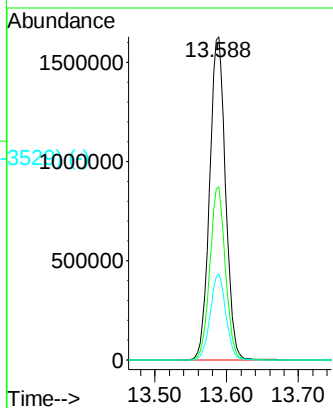
Abundance Scan 3685 (13.588 min): VN065141.D\data.ms (-3685)



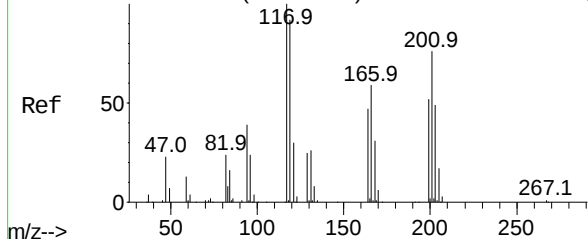
n-Butylbenzene
Concen: 117.98 ug/l
RT: 13.588 min Scan# 3685
Delta R.T. 0.000 min
Lab File: VN065143.D
Acq: 15 Dec 2020 14:32



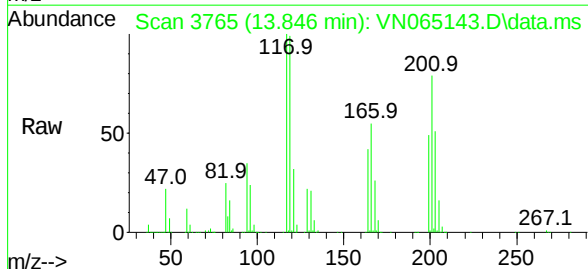
Tgt Ion:	91	Resp:	2502367
Ion	Ratio	Lower	Upper
91	100		
92	52.4	0.0	101.4
134	26.2	0.0	45.2



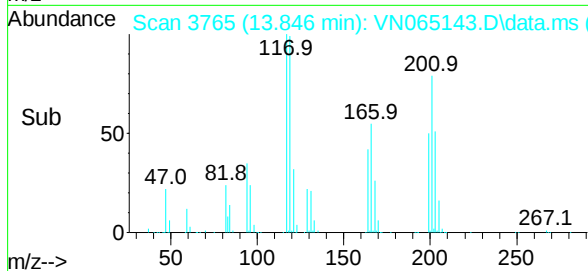
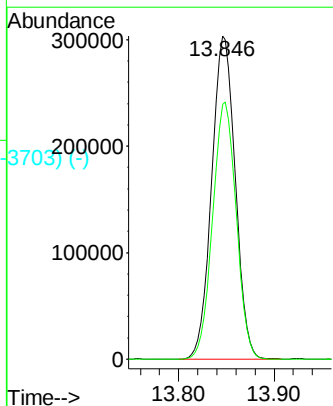
Abundance Scan 3765 (13.846 min): VN065141.D\data.ms (-3765)



Hexachloroethane
Concen: 108.41 ug/l
RT: 13.846 min Scan# 3765
Delta R.T. 0.000 min
Lab File: VN065143.D
Acq: 15 Dec 2020 14:32



Tgt Ion:	117	Resp:	519509
Ion	Ratio	Lower	Upper
117	100		
201	79.5	33.1	99.3

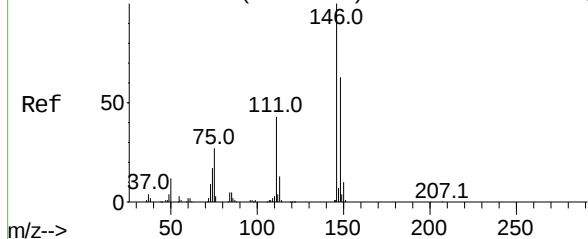


Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

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Abundance Scan 3696 (13.624 min): VN065141.D\data.ms (-3687) (-)



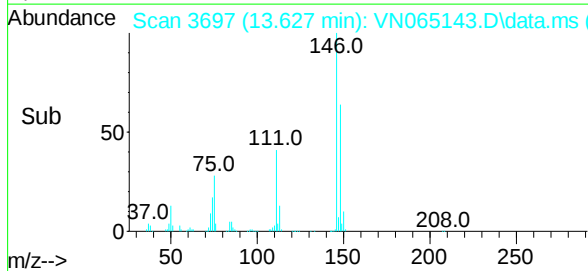
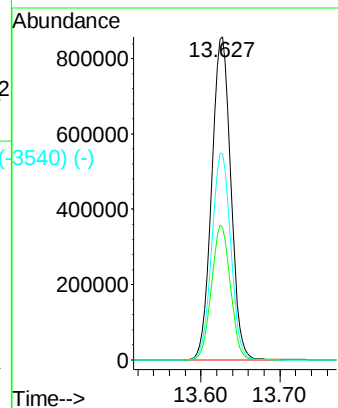
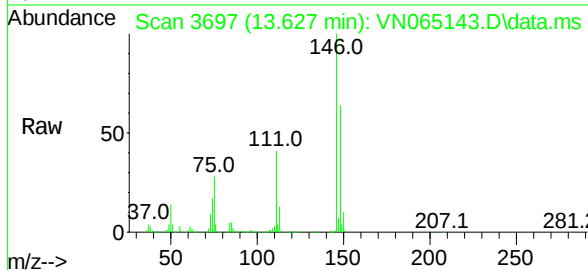
1,2-Dichlorobenzene
Concen: 108.45 ug/l
RT: 13.627 min Scan# 3697
Delta R.T. 0.003 min
Lab File: VN065143.D
Acq: 15 Dec 2020 14:32

Tgt Ion:	146	Resp:	1435075
Ion	Ratio	Lower	Upper
146	100		
111	41.3	23.1	69.2
148	63.9	32.6	97.8

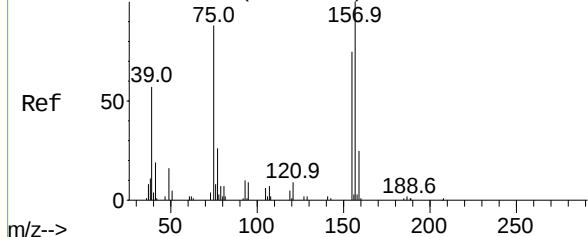
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

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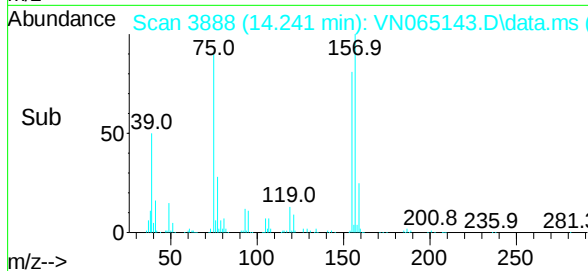
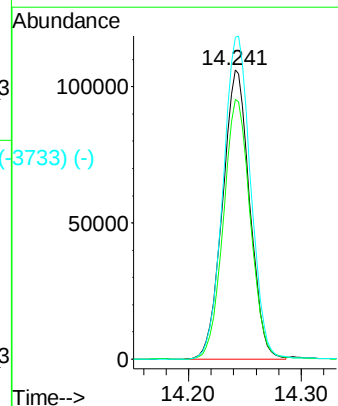
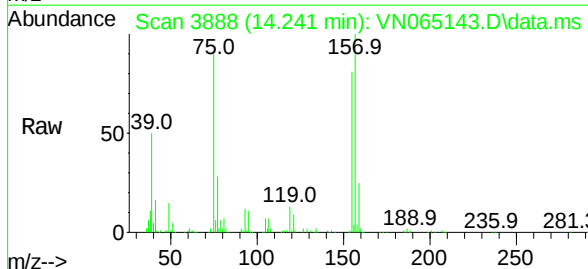


Abundance Scan 3889 (14.244 min): VN065141.D\data.ms (-3888) (-)



1,2-Dibromo-3-Chloropropane
Concen: 87.04 ug/l
RT: 14.241 min Scan# 3888
Delta R.T. -0.003 min
Lab File: VN065143.D
Acq: 15 Dec 2020 14:32

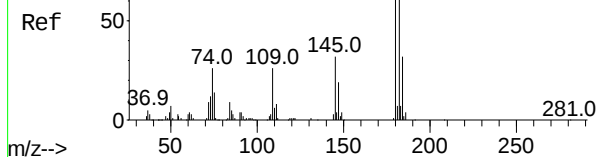
Tgt Ion:	75	Resp:	177337
Ion	Ratio	Lower	Upper
75	100		
155	89.3	56.5	84.7#
157	113.5	69.7	104.5#



Abundance Scan 4087 (14.881 min): VN065141.D\data.ms (-40789) (-)

1,2,4-Trichlorobenzene
Concen: 129.78 ug/l
RT: 14.881 min Scan# 4087
Delta R.T. 0.000 min
Lab File: VN065143.D
Acq: 15 Dec 2020 14:32

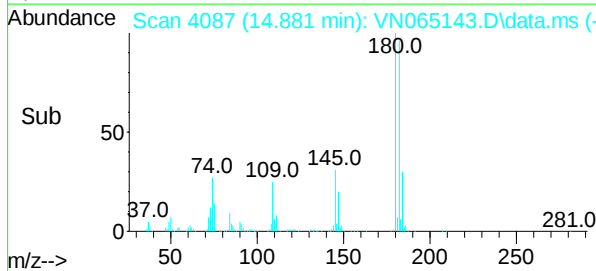
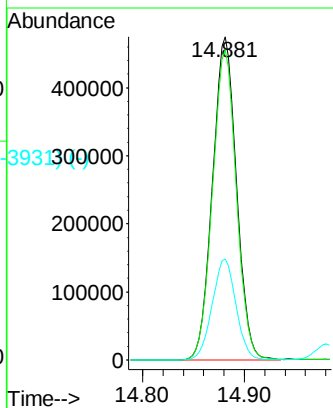
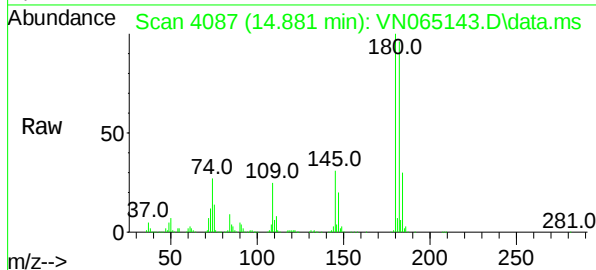
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion:	180	Resp:	776312
Ion Ratio	Lower	Upper	
180	100		
182	95.8	79.4	119.0
145	31.1	27.6	41.4

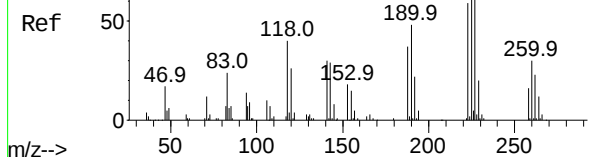
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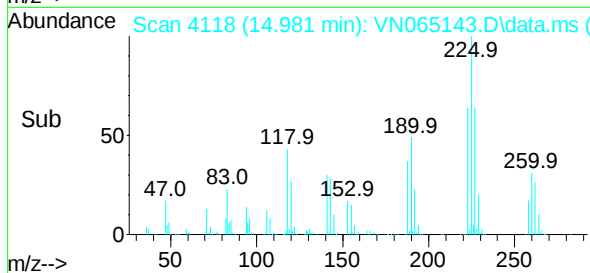
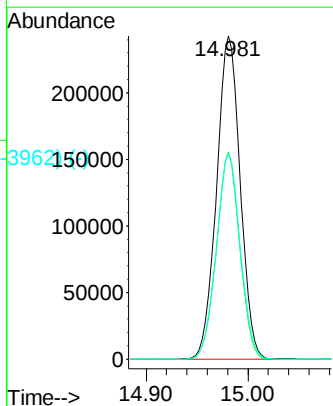
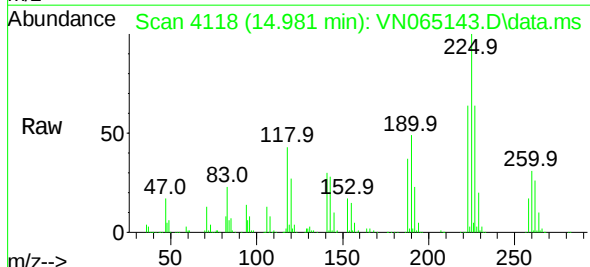


Abundance Scan 4118 (14.981 min): VN065141.D\data.ms (-41196) (-)

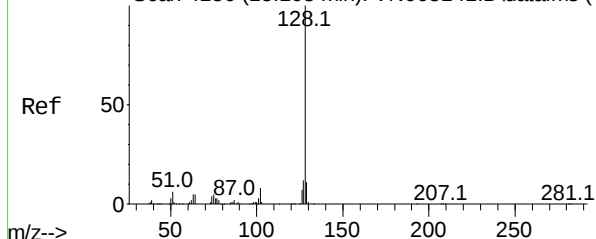
Hexachlorobutadiene
Concen: 126.59 ug/l
RT: 14.981 min Scan# 4118
Delta R.T. 0.000 min
Lab File: VN065143.D
Acq: 15 Dec 2020 14:32



Tgt Ion:	225	Resp:	391694
Ion Ratio	Lower	Upper	
225	100		
223	63.0	0.0	125.4
227	64.4	0.0	122.0



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



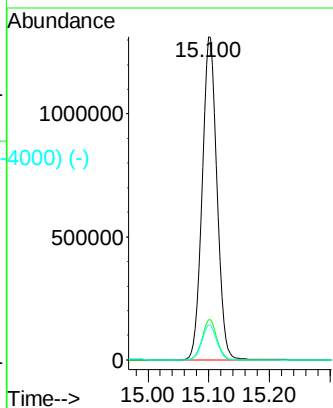
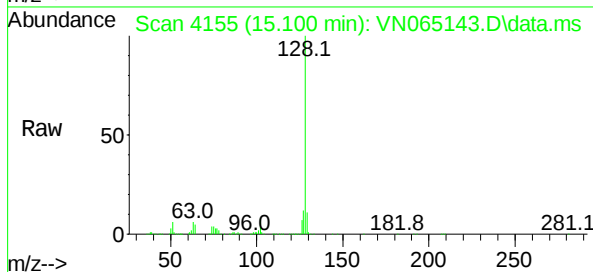
Naphthalene
Concen: 116.40 ug/l
RT: 15.100 min Scan# 4155
Delta R.T. -0.003 min
Lab File: VN065143.D
Acq: 15 Dec 2020 14:32

Tgt Ion:128 Resp: 2249928
Ion Ratio Lower Upper
128 100
127 12.5 10.2 15.4
129 10.9 8.5 12.7

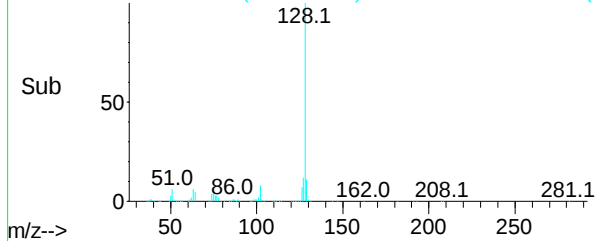
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Manual Integrations
APPROVED

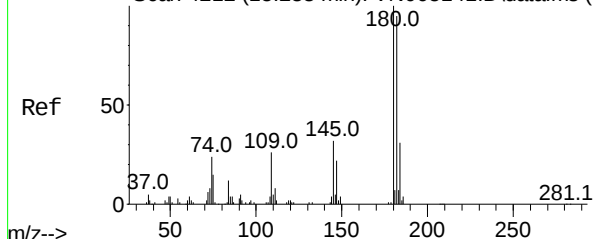
MMDadoda
12/16/2020 1:47:27 PM



Abundance Scan 4155 (15.100 min): VN065143.D\data.ms (-4000) (-)

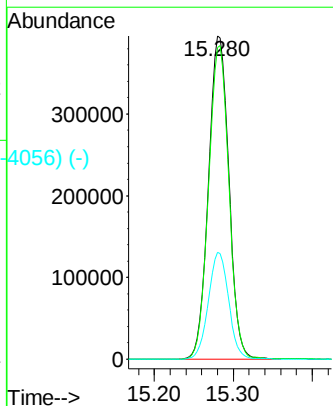
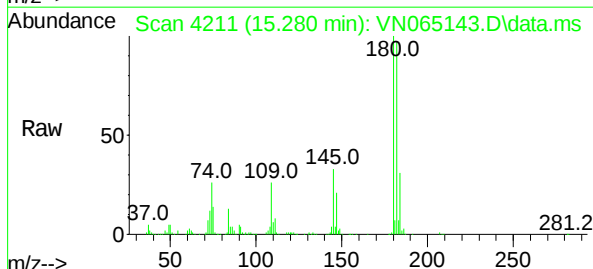


Abundance Scan 4212 (15.283 min): VN065141.D\data.ms (-4192) (-)



1,2,3-Trichlorobenzene
Concen: 119.54 ug/l
RT: 15.280 min Scan# 4211
Delta R.T. -0.003 min
Lab File: VN065143.D
Acq: 15 Dec 2020 14:32

Tgt Ion:180 Resp: 711515
Ion Ratio Lower Upper
180 100
182 96.5 0.0 186.0
145 32.7 0.0 69.6



Abundance Scan 4211 (15.280 min): VN065143.D\data.ms (-4056) (-)

