

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121520\
 Data File : VN065141.D
 Acq On : 15 Dec 2020 13:45
 Operator : JC/MD
 Sample : VSTDICCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Manual Integrations
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 12/16/2020 1:47:23 PM

Quant Time: Dec 15 14:23:24 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	7.148	128	106273	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.547	114	536274	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.376	117	498972	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.987	65	209100	23.55	ug/l	0.00
Spiked Amount	30.000	Range 91 - 110	Recovery	=	78.50%#	
60) 4-Bromofluorobenzene	12.373	95	223427	26.77	ug/l	0.00
Spiked Amount	30.000	Range 63 - 112	Recovery	=	89.23%	
63) Toluene-d8	10.058	98	695273	30.04	ug/l	0.00
Spiked Amount	30.000	Range 91 - 112	Recovery	=	100.13%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.833	85	112043	16.32	ug/l	95
3) Chloromethane	2.036	50	131937	16.65	ug/l	100
4) Vinyl Chloride	2.164	62	134293	15.76	ug/l	98
5) Bromomethane	2.534	94	82447	15.01	ug/l	93
6) Chloroethane	2.676	64	72071	13.91	ug/l	99
7) Trichlorofluoromethane	2.988	101	186431	15.31	ug/l	100
8) Diethyl Ether	3.377	74	66365	15.24	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.721	101	107639	18.18	ug/l #	45
10) 1,1-Dichloroethene	3.698	96	104148	18.17	ug/l	81
11) Methyl Iodide	3.914	142	142086	19.55	ug/l	91
12) Methyl Acetate	4.280	43	94932	14.28	ug/l	93
13) Acrolein	3.566	56	65770	90.78	ug/l	98
14) Acrylonitrile	4.933	53	235724	77.53	ug/l	96
15) Acetone	3.775	58	81825	84.31	ug/l #	61
16) Carbon Disulfide	4.013	76	308911	17.87	ug/l	97
17) Allyl chloride	4.277	41	136141	13.35	ug/l	85
18) Methylene Chloride	4.508	84	126011	18.49	ug/l #	86
19) trans-1,2-Dichloroethene	4.988	96	114014	17.63	ug/l	91
20) Diisopropyl ether	5.897	45	338561	14.93	ug/l	98
21) 1,1-Dichloroethane	5.795	63	208222	16.48	ug/l	95
22) cis-1,2-Dichloroethene	6.782	96	128513	17.43	ug/l	83
23) tert-Butyl Alcohol	4.727	59	70643	70.07	ug/l #	100
24) Methyl tert-Butyl Ether	4.991	73	307368	15.56	ug/l #	87
25) Chloroform	7.328	83	212645	16.19	ug/l	95
26) Cyclohexane	7.614	56	164569	16.73	ug/l #	93
29) 1,1-Dichloropropene	7.753	75	154005	16.85	ug/l	97
30) 2-Butanone	6.785	43	309444	71.19	ug/l #	74
31) 2,2-Dichloropropane	6.775	77	167615	15.69	ug/l	95
32) 1,1,1-Trichloroethane	7.531	97	181173	16.29	ug/l	95
33) Carbon Tetrachloride	7.733	117	164595	16.52	ug/l	97
34) Benzene	8.000	78	483600	17.98	ug/l #	93
35) Methacrylonitrile	7.119	41	62413	14.76	ug/l	84
36) 1,2-Dichloroethane	8.084	62	158255	14.97	ug/l #	91
37) Trichloroethene	8.801	130	129608	18.80	ug/l	92
38) Methylcyclohexane	9.045	83	167695	19.48	ug/l	92
39) 1,2-Dichloropropane	9.081	63	125103	17.47	ug/l	97
40) Dibromomethane	9.174	93	82293	17.13	ug/l	88
41) Bromodichloromethane	9.367	83	162790	15.87	ug/l	97

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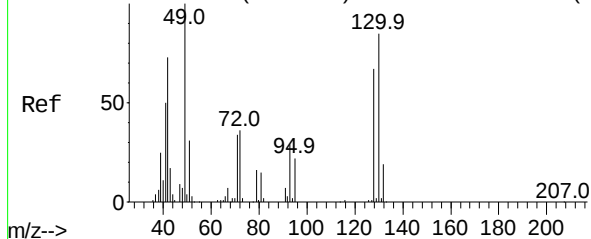
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Vinyl Acetate	5.843	43	1299482	73.19	ug/l #	95
43) Ethyl Acetate	6.881	43	130190	14.79	ug/l	95
44) Isopropyl Acetate	8.122	43	202808	13.68	ug/l #	88
45) 1,4-Dioxane	9.164	88	35929	337.80	ug/l	92
46) Methyl methacrylate	9.164	41	93447	12.77	ug/l	77
47) n-amyl Acetate	12.042	43	158433	12.44	ug/l #	89
48) t-1,3-Dichloropropene	10.351	75	167630	15.37	ug/l	96
49) cis-1,3-Dichloropropene	9.807	75	189629	16.36	ug/l #	83
50) 1,1,2-Trichloroethane	10.531	97	116657	17.51	ug/l	97
51) Ethyl methacrylate	10.399	69	147580	15.60	ug/l	80
52) 1,3-Dichloropropane	10.675	76	191111	16.79	ug/l	100
53) Dibromochloromethane	10.872	129	129320	17.03	ug/l	99
54) 1,2-Dibromoethane	10.974	107	119070	17.40	ug/l	97
55) 2-Chloroethyl vinyl ether	9.663	63	370621	76.34	ug/l	96
56) Bromoform	12.100	173	89729	17.81	ug/l #	97
58) 4-Methyl-2-Pentanone	9.949	43	624469	71.43	ug/l #	92
59) 2-Hexanone	10.720	43	435537	66.94	ug/l #	88
61) Tetrachloroethene	10.601	164	138246	21.38	ug/l	92
62) Toluene	10.122	91	513855	17.65	ug/l	99
64) Chlorobenzene	11.402	112	315415	18.09	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.479	131	119240	17.63	ug/l	97
66) Ethyl Benzene	11.482	91	528818	16.85	ug/l	96
67) m/p-Xylenes	11.592	106	412268	35.37	ug/l	92
68) o-Xylene	11.920	106	194913	17.64	ug/l	92
69) Styrene	11.936	104	317022	16.84	ug/l	95
70) Isopropylbenzene	12.222	105	512472	17.72	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.476	83	150189	16.50	ug/l	96
72) 1,2,3-Trichloropropane	12.524	75	151425m	16.67	ug/l	
73) Bromobenzene	12.498	156	132222	18.28	ug/l	84
74) n-propylbenzene	12.563	91	579458	17.13	ug/l	96
75) 2-Chlorotoluene	12.646	91	357045	16.91	ug/l	93
76) 1,3,5-Trimethylbenzene	12.704	105	442446	18.08	ug/l	96
77) t-1,4-Dichloro-2-butene	12.273	75	47956	14.63	ug/l	89
78) 4-Chlorotoluene	12.746	91	355446	16.13	ug/l	95
79) tert-butylbenzene	12.965	119	363492	18.60	ug/l	89
80) 1,2,4-Trimethylbenzene	13.013	105	436003	17.69	ug/l	99
81) sec-Butylbenzene	13.145	105	468370	18.30	ug/l	98
82) p-Isopropyltoluene	13.261	119	421661	18.37	ug/l	96
83) 1,3-Dichlorobenzene	13.257	146	223929	17.70	ug/l	96
84) 1,4-Dichlorobenzene	13.334	146	217220	17.30	ug/l	96
85) n-Butylbenzene	13.588	91	339255	17.12	ug/l	98
86) Hexachloroethane	13.846	117	75066	16.77	ug/l	87
87) 1,2-Dichlorobenzene	13.624	146	222131	17.97	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.244	75	24837	13.05	ug/l #	73
89) 1,2,4-Trichlorobenzene	14.881	180	88986	15.92	ug/l	93
90) Hexachlorobutadiene	14.981	225	60557	20.95	ug/l	98
91) Naphthalene	15.103	128	240093	13.30	ug/l	99
92) 1,2,3-Trichlorobenzene	15.283	180	83874	15.08	ug/l	96

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

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



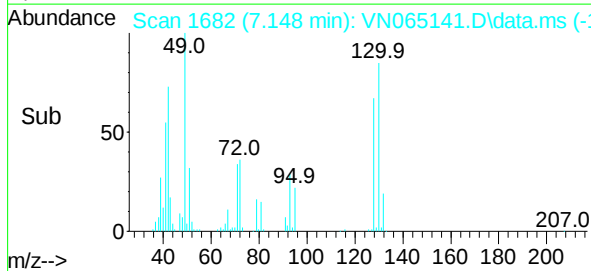
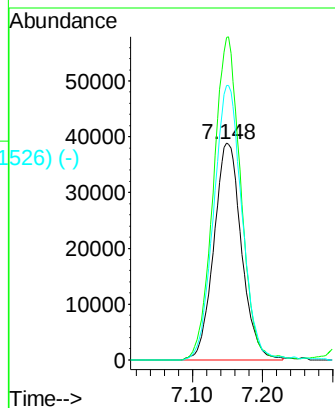
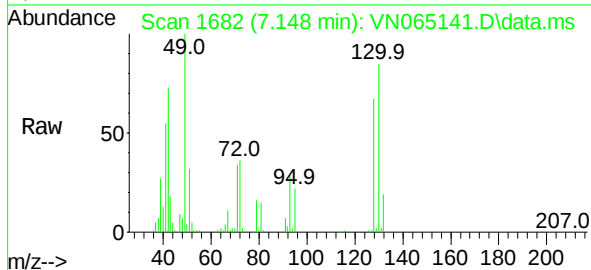
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.148 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN065141.D
Acq: 15 Dec 2020 13:45

Tgt Ion:	128	Resp:	106273
Ion	Ratio	Lower	Upper
128	100		
49	146.6	0.0	475.5
130	129.2	0.0	315.3

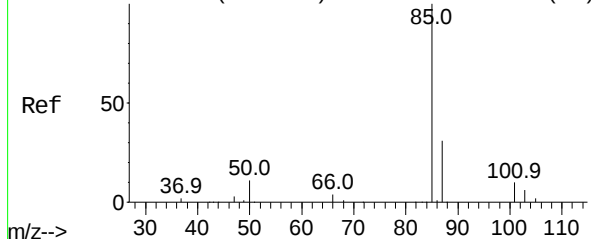
Instrument :
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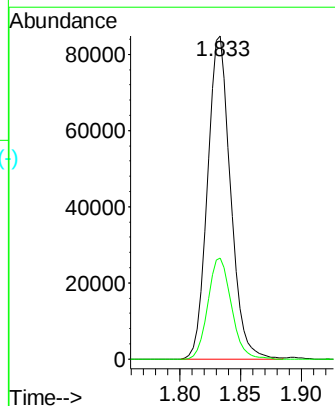
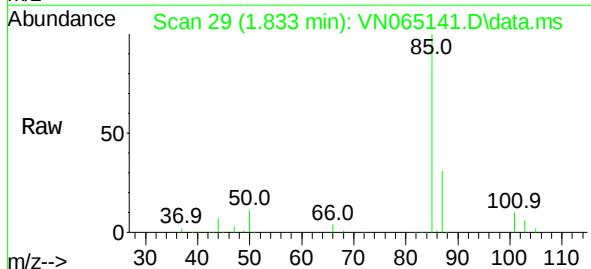


Abundance Scan 29 (1.833 min): VN065141.D\data.ms (-19) (-)

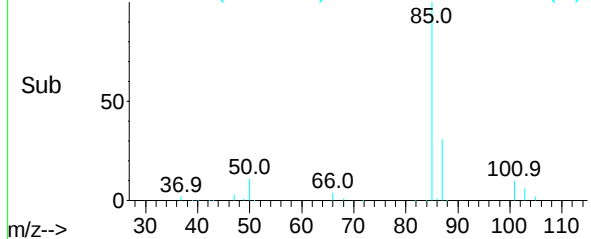


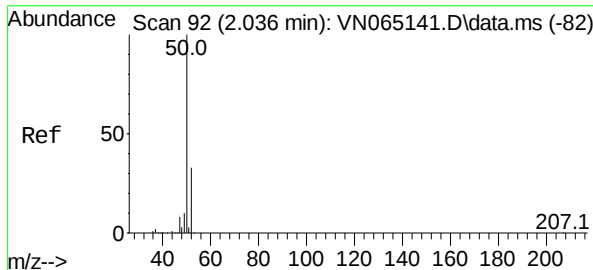
Dichlorodifluoromethane
Concen: 16.32 ug/l
RT: 1.833 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN065141.D
Acq: 15 Dec 2020 13:45

Tgt Ion:	85	Resp:	112043
Ion	Ratio	Lower	Upper
85	100		
87	31.3	17.0	50.9



Abundance Scan 29 (1.833 min): VN065141.D\data.ms (-1) (-)





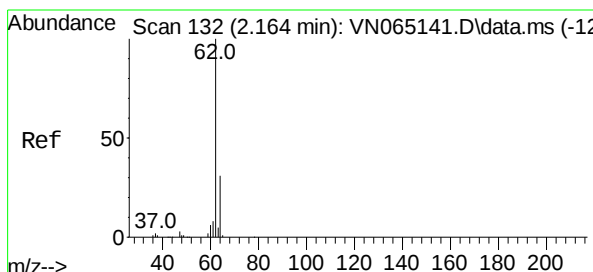
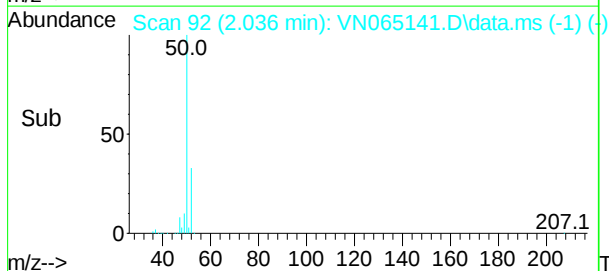
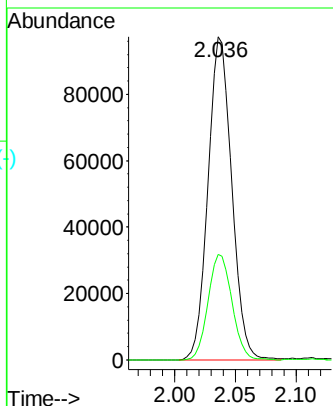
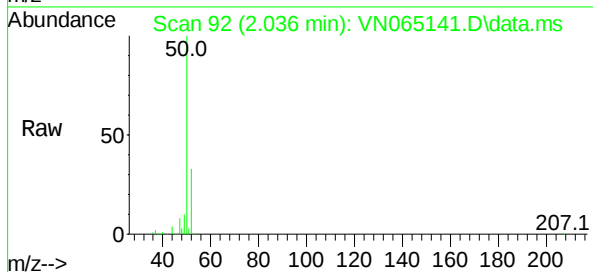
Chloromethane
 Concen: 16.65 ug/l
 RT: 2.036 min Scan# 92
 Delta R.T. 0.000 min
 Lab File: VN065141.D
 Acq: 15 Dec 2020 13:45

Tgt Ion: 50 Resp: 131937
 Ion Ratio Lower Upper
 50 100
 52 32.6 26.0 39.0

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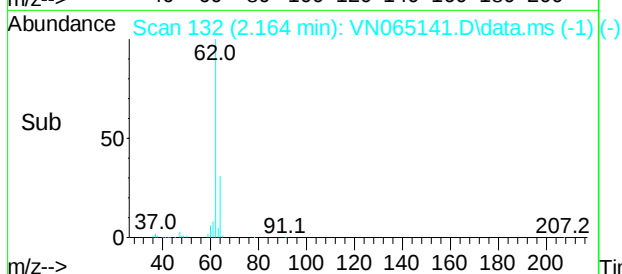
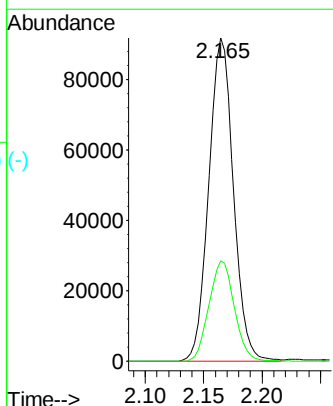
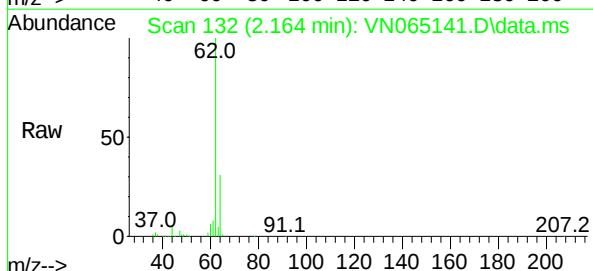
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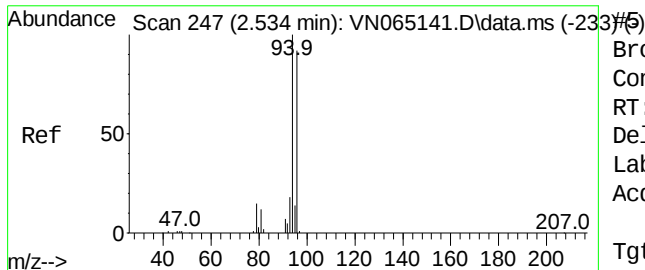
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Vinyl Chloride
 Concen: 15.76 ug/l
 RT: 2.164 min Scan# 132
 Delta R.T. 0.000 min
 Lab File: VN065141.D
 Acq: 15 Dec 2020 13:45

Tgt Ion: 62 Resp: 134293
 Ion Ratio Lower Upper
 62 100
 64 31.1 25.8 38.8





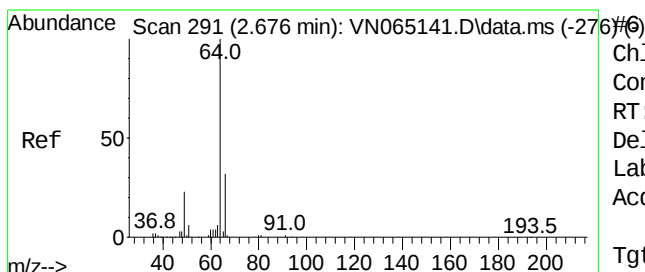
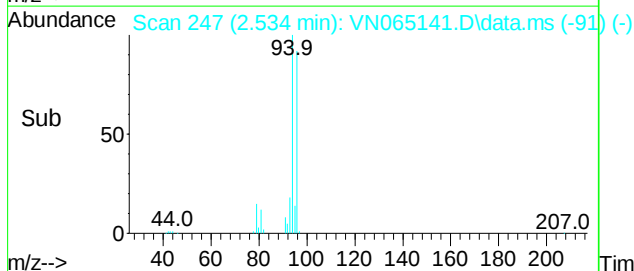
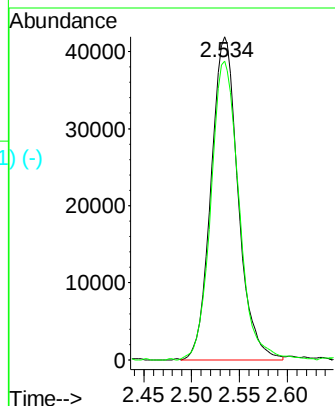
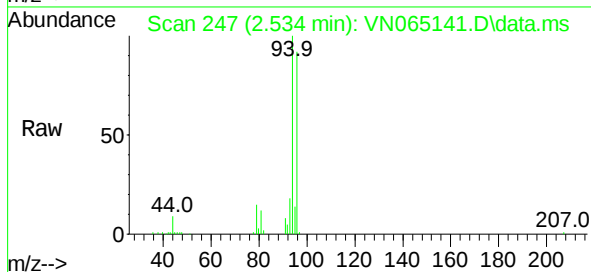
Bromomethane
 Concen: 15.01 ug/l
 RT: 2.534 min Scan# 247
 Delta R.T. 0.000 min
 Lab File: VN065141.D
 Acq: 15 Dec 2020 13:45

Instrument :
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Tgt Ion: 94 Resp: 82447
 Ion Ratio Lower Upper
 94 100
 96 92.1 79.3 118.9

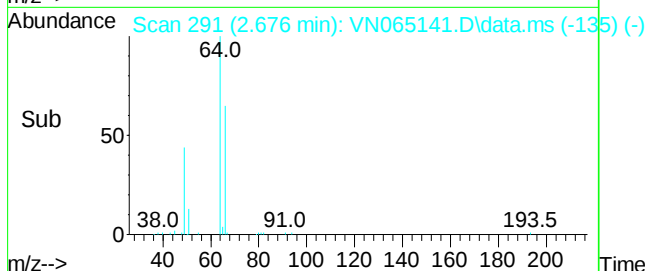
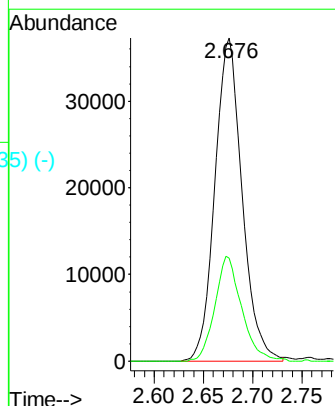
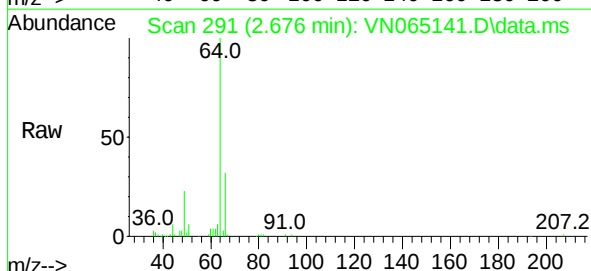
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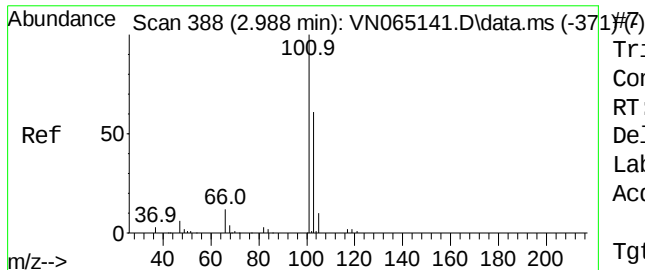
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Chloroethane
 Concen: 13.91 ug/l
 RT: 2.676 min Scan# 291
 Delta R.T. 0.000 min
 Lab File: VN065141.D
 Acq: 15 Dec 2020 13:45

Tgt Ion: 64 Resp: 72071
 Ion Ratio Lower Upper
 64 100
 66 31.8 26.0 39.0





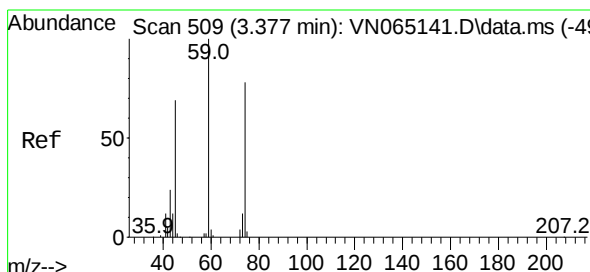
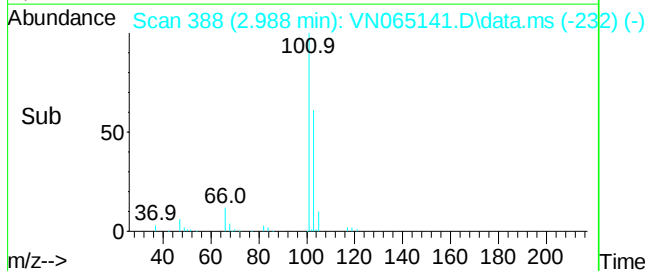
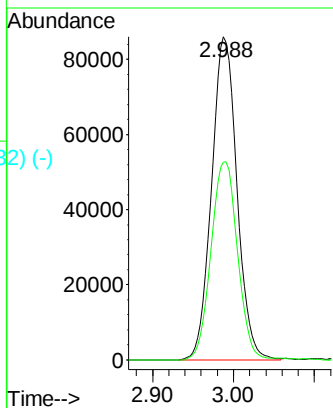
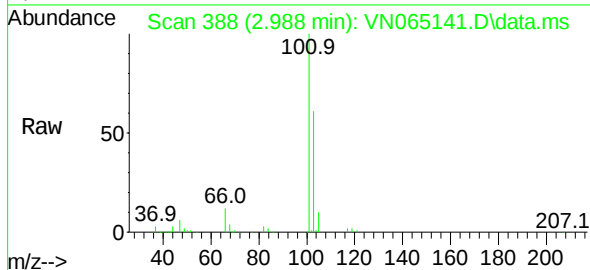
Trichlorofluoromethane
 Concen: 15.31 ug/l
 RT: 2.988 min Scan# 388
 Delta R.T. 0.000 min
 Lab File: VN065141.D
 Acq: 15 Dec 2020 13:45

Instrument :
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Tgt Ion:101 Resp: 186431
 Ion Ratio Lower Upper
 101 100
 103 61.2 49.3 73.9

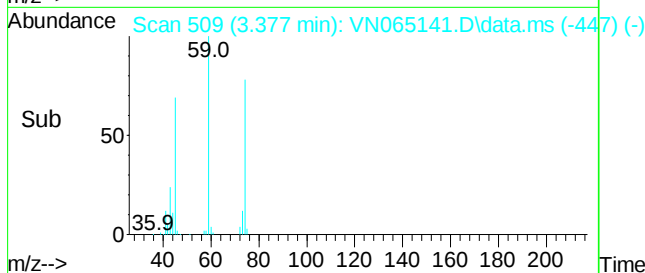
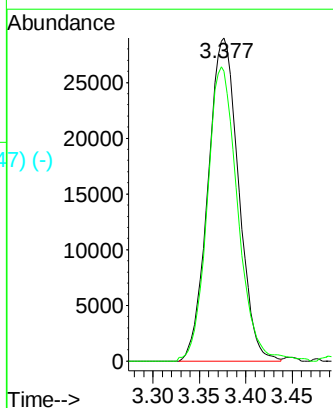
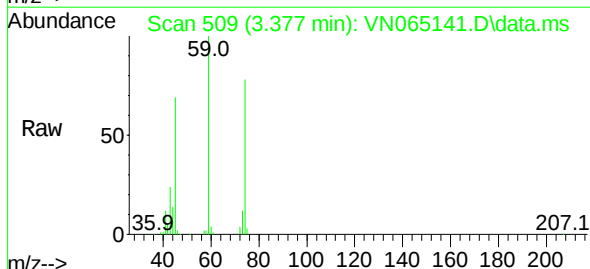
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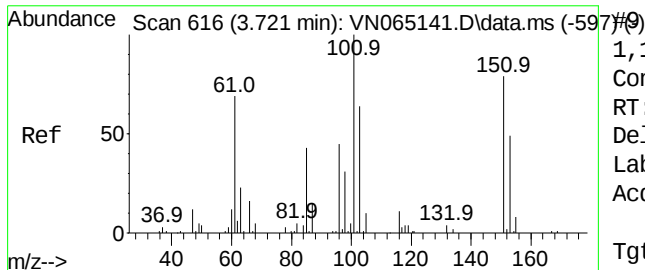
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Diethyl Ether
 Concen: 15.24 ug/l
 RT: 3.377 min Scan# 509
 Delta R.T. 0.000 min
 Lab File: VN065141.D
 Acq: 15 Dec 2020 13:45

Tgt Ion: 74 Resp: 66365
 Ion Ratio Lower Upper
 74 100
 45 89.8 22.1 198.5





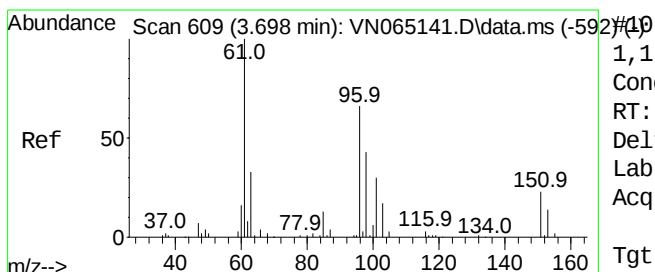
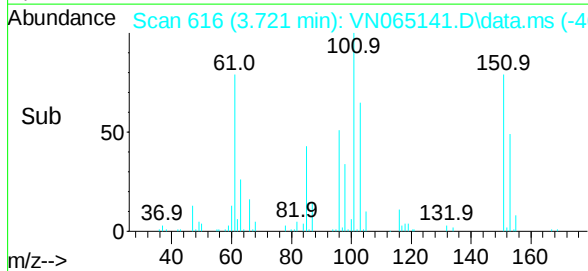
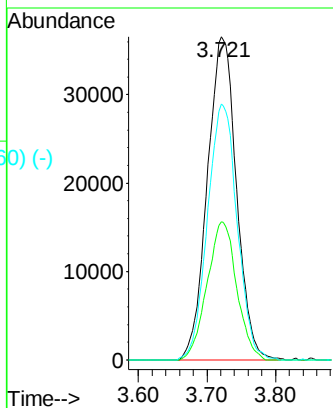
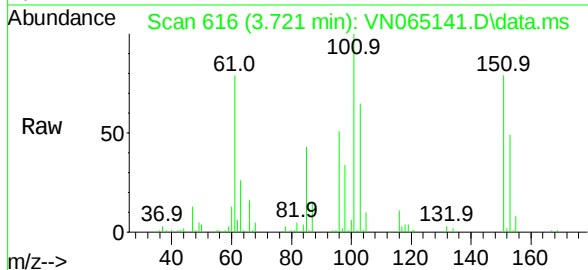
1,1,2-Trichlorotrifluoroethane
Concen: 18.18 ug/l
RT: 3.721 min Scan# 616
Delta R.T. 0.000 min
Lab File: VN065141.D
Acq: 15 Dec 2020 13:45

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC020

Tgt Ion	Ratio	Lower	Upper
101	100		
85	43.4	0.0	49.0
151	80.5	0.0	80.2#

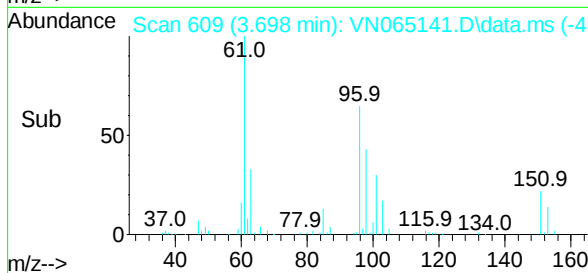
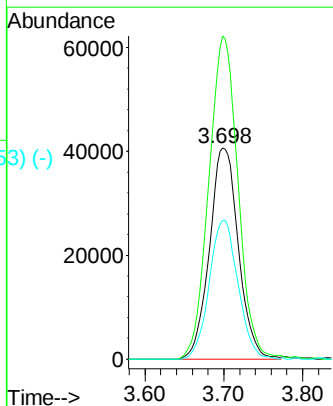
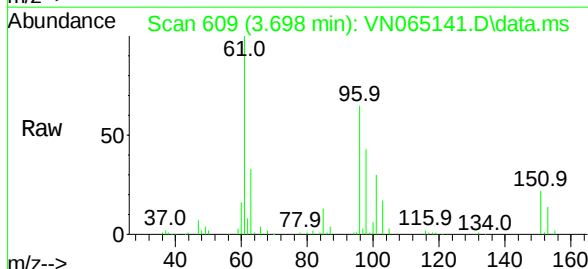
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1,1-Dichloroethene
Concen: 18.17 ug/l
RT: 3.698 min Scan# 609
Delta R.T. 0.000 min
Lab File: VN065141.D
Acq: 15 Dec 2020 13:45

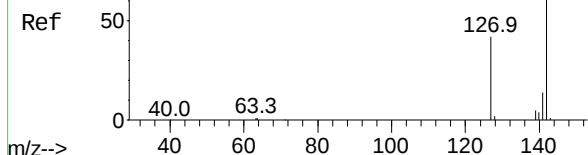
Tgt Ion	Ratio	Lower	Upper
96	100		
61	152.5	149.2	223.8
98	65.6	49.6	74.4



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

Methyl Iodide
Concen: 19.55 ug/l
RT: 3.914 min Scan# 676
Delta R.T. 0.000 min
Lab File: VN065141.D
Acq: 15 Dec 2020 13:45

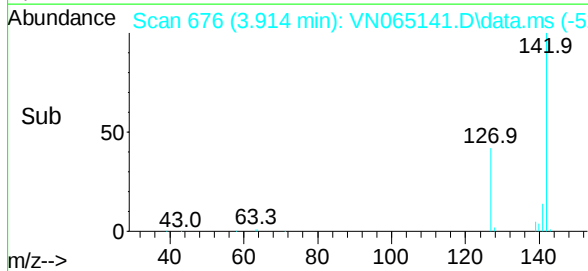
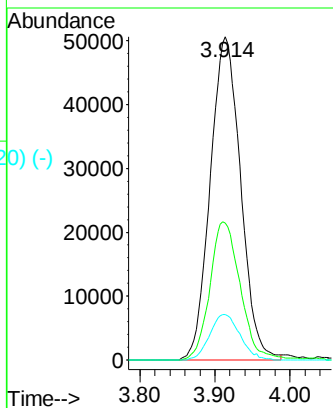
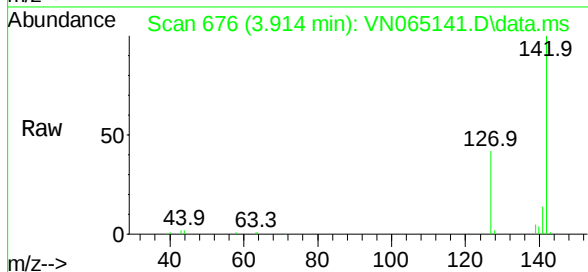
Instrument :
MSVOA_N
ClientSampled :
VSTDICCC020



Tgt Ion:	142	Resp:	142086
Ion	Ratio	Lower	Upper
142	100		
127	42.2	24.7	74.1
141	14.2	7.8	23.3

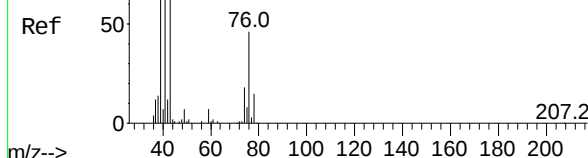
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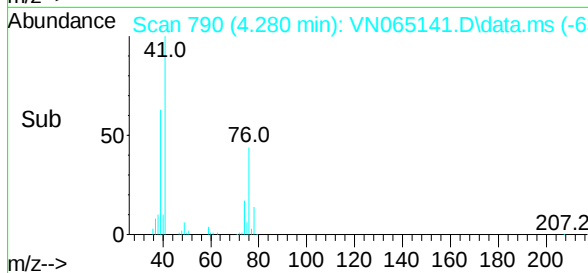
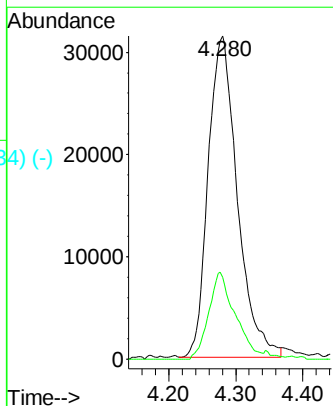
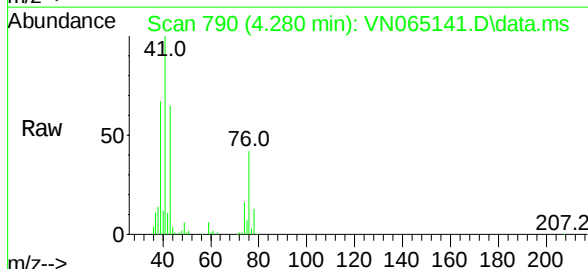


Abundance Scan 790 (4.280 min): VN065141.D\data.ms (-770) #12

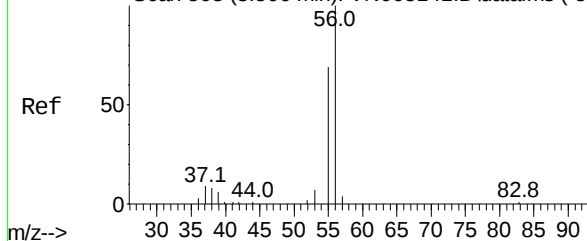
Methyl Acetate
Concen: 14.28 ug/l
RT: 4.280 min Scan# 790
Delta R.T. 0.000 min
Lab File: VN065141.D
Acq: 15 Dec 2020 13:45



Tgt Ion:	43	Resp:	94932
Ion	Ratio	Lower	Upper
43	100		
74	25.5	17.7	26.5



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



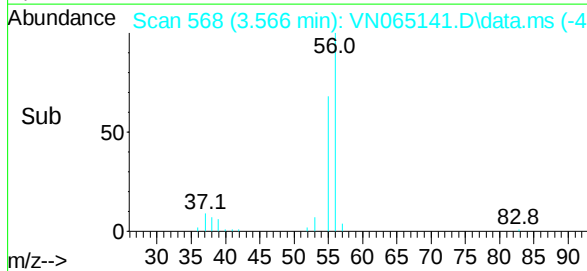
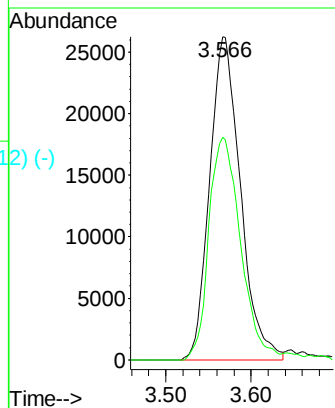
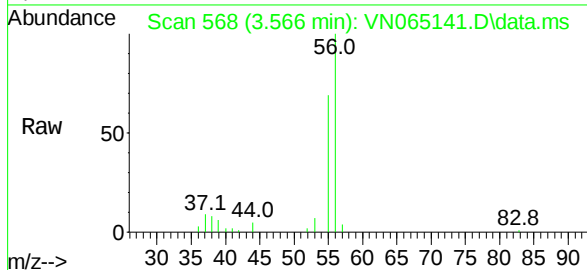
Acrolein
Concen: 90.78 ug/l
RT: 3.566 min Scan# 568
Delta R.T. 0.000 min
Lab File: VN065141.D
Acq: 15 Dec 2020 13:45

Tgt Ion: 56 Resp: 65770
Ion Ratio Lower Upper
56 100
55 70.8 58.2 87.2

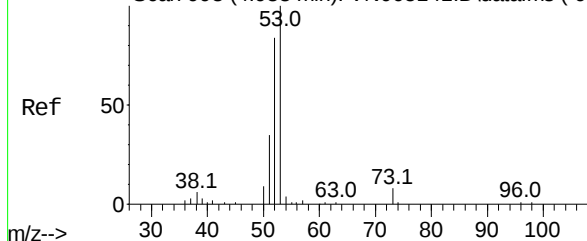
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

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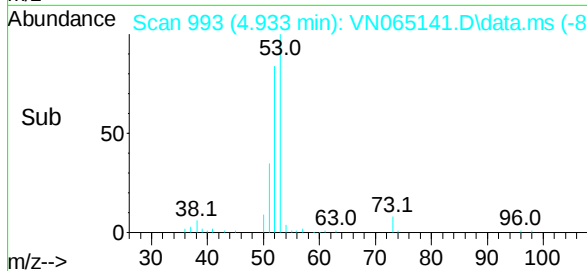
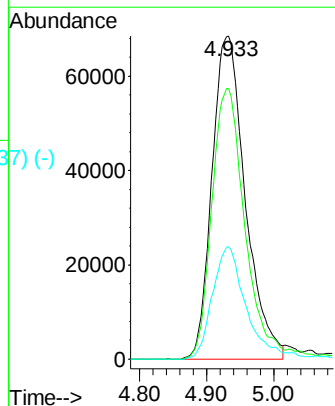
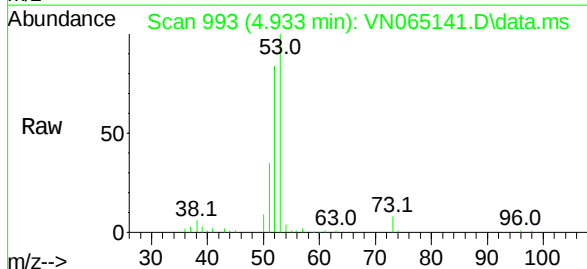


Abundance Scan 993 (4.933 min): VN065141.D\data.ms (-971) #14

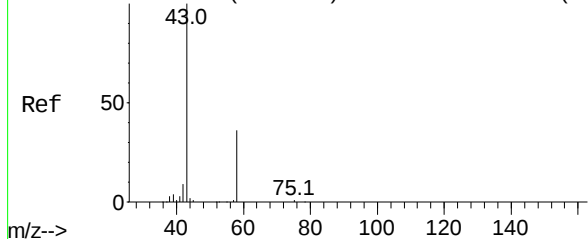


Acrylonitrile
Concen: 77.53 ug/l
RT: 4.933 min Scan# 993
Delta R.T. 0.000 min
Lab File: VN065141.D
Acq: 15 Dec 2020 13:45

Tgt Ion: 53 Resp: 235724
Ion Ratio Lower Upper
53 100
52 80.5 41.3 124.1
51 33.7 18.9 56.5



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



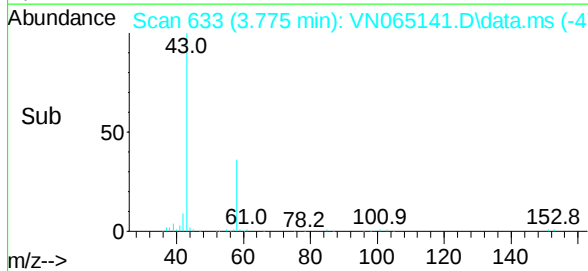
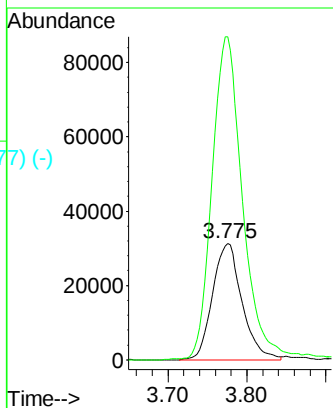
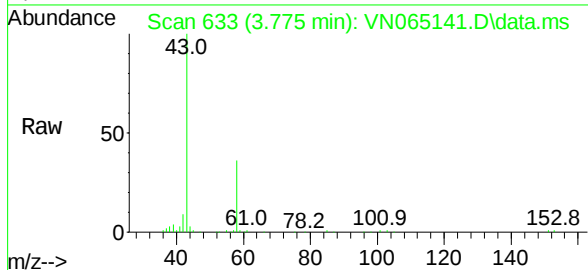
Acetone
Concen: 84.31 ug/l
RT: 3.775 min Scan# 633
Delta R.T. 0.000 min
Lab File: VN065141.D
Acq: 15 Dec 2020 13:45

Tgt Ion: 58 Resp: 81825
Ion Ratio Lower Upper
58 100
43 276.1 289.8 434.8#

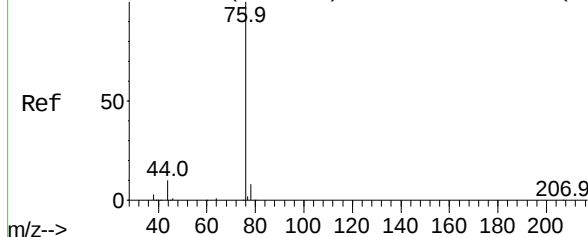
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

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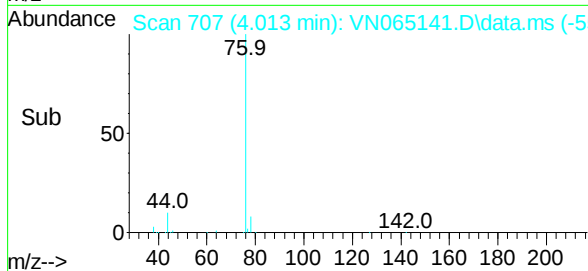
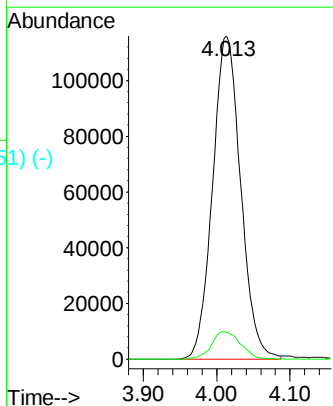
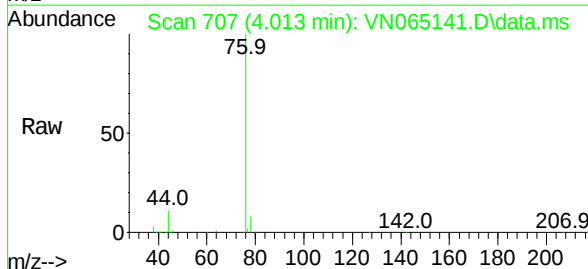


Abundance Scan 707 (4.013 min): VN065141.D\data.ms (-687) #16



Carbon Disulfide
Concen: 17.87 ug/l
RT: 4.013 min Scan# 707
Delta R.T. 0.000 min
Lab File: VN065141.D
Acq: 15 Dec 2020 13:45

Tgt Ion: 76 Resp: 308911
Ion Ratio Lower Upper
76 100
78 8.4 7.6 11.4



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

Allyl chloride
Concen: 13.35 ug/l
RT: 4.277 min Scan# 789
Delta R.T. 0.000 min
Lab File: VN065141.D
Acq: 15 Dec 2020 13:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Ref 50 0 30 35 40 45 50 55 60 65 70 75 80 85

Tgt Ion: 41 Resp: 136141
Ion Ratio Lower Upper
41 100
39 67.1 40.3 120.8
76 42.1 16.8 50.3

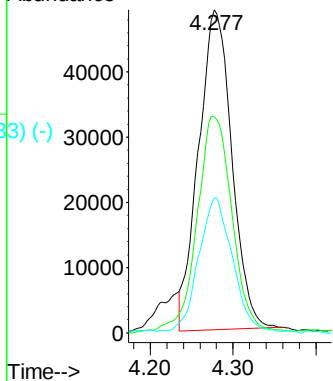
Manual Integrations
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Abundance Scan 789 (4.277 min): VN065141.D\data.ms

Raw 50 0 30 35 40 45 50 55 60 65 70 75 80 85

Abundance



Abundance Scan 789 (4.277 min): VN065141.D\data.ms (-633) (-)

Sub 50 0 30 35 40 45 50 55 60 65 70 75 80 85

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

Methylene Chloride
Concen: 18.49 ug/l
RT: 4.508 min Scan# 861
Delta R.T. 0.000 min
Lab File: VN065141.D
Acq: 15 Dec 2020 13:45

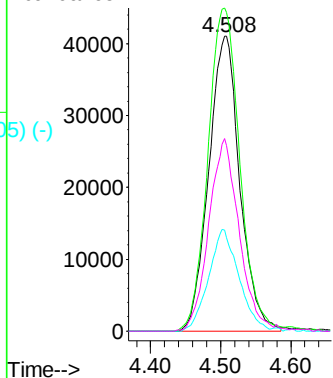
Tgt Ion: 84 Resp: 126011
Ion Ratio Lower Upper
84 100
49 107.4 102.1 153.1
51 31.6 32.6 48.8#
86 62.4 46.7 70.1

Ref 50 0 30 35 40 45 50 55 60 65 70 75 80 85 90 95

Abundance Scan 861 (4.508 min): VN065141.D\data.ms

Raw 50 0 30 35 40 45 50 55 60 65 70 75 80 85 90 95

Abundance



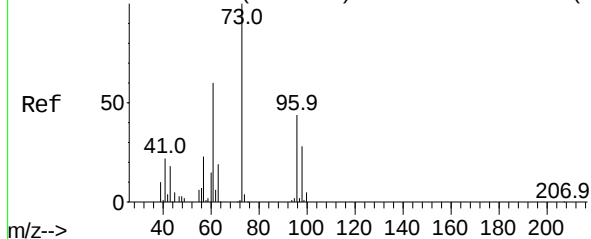
Abundance Scan 861 (4.508 min): VN065141.D\data.ms (-705) (-)

Sub 50 0 30 35 40 45 50 55 60 65 70 75 80 85 90 95

m/z-->

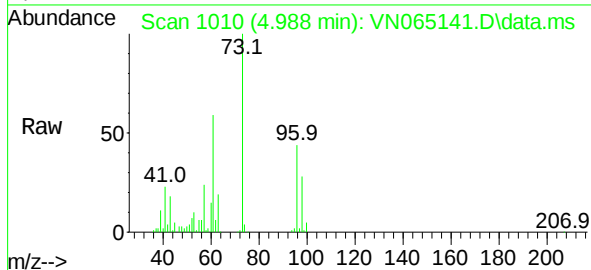
Time-->

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



trans-1,2-Dichloroethene
Concen: 17.63 ug/l
RT: 4.988 min Scan# 1010
Delta R.T. 0.000 min
Lab File: VN065141.D
Acq: 15 Dec 2020 13:45

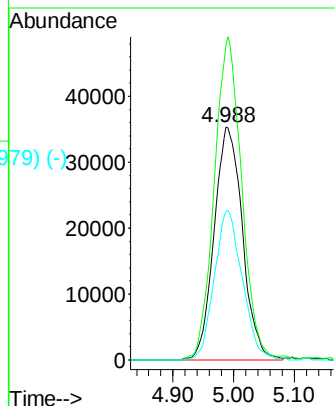
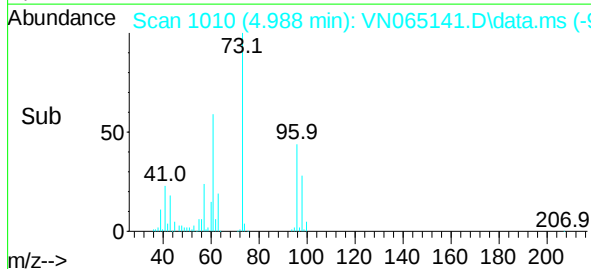
Instrument :
MSVOA_N
ClientSampled :
VSTDICCC020



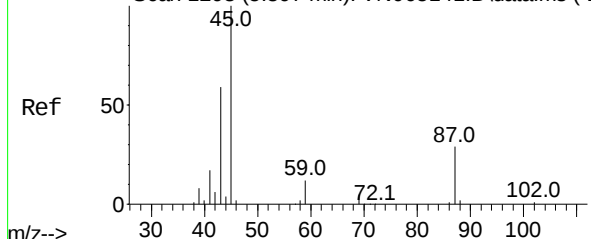
Tgt Ion: 96 Resp: 114014
Ion Ratio Lower Upper
96 100
61 135.2 120.1 180.1
98 63.6 49.1 73.7

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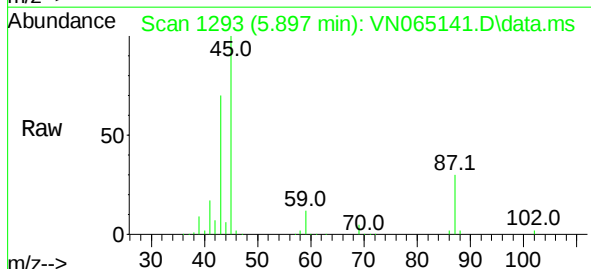
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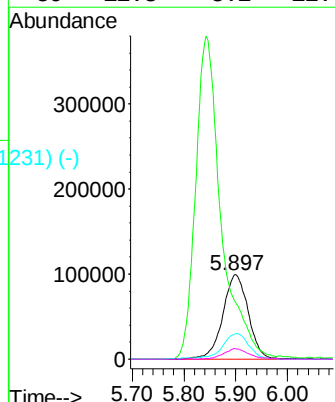
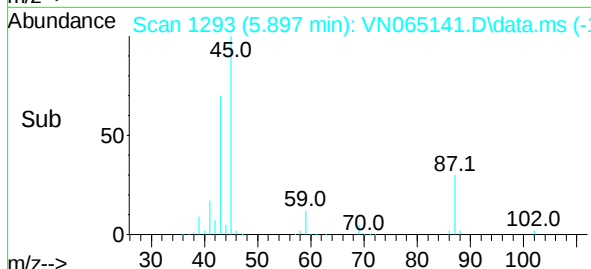
Abundance Scan 1293 (5.897 min): VN065141.D\data.ms (-12620)



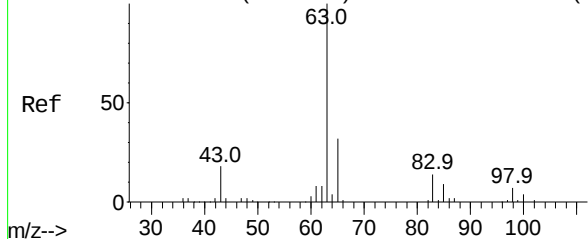
Diisopropyl ether
Concen: 14.93 ug/l
RT: 5.897 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VN065141.D
Acq: 15 Dec 2020 13:45



Tgt Ion: 45 Resp: 338561
Ion Ratio Lower Upper
45 100
43 66.6 53.1 79.7
87 29.6 21.0 31.6
59 12.3 8.2 12.4



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



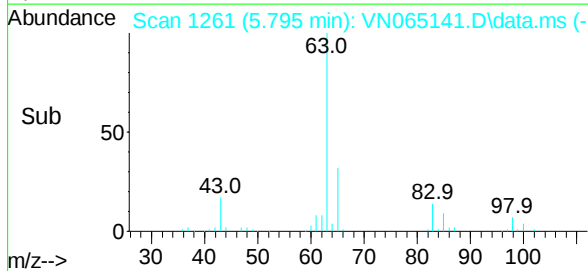
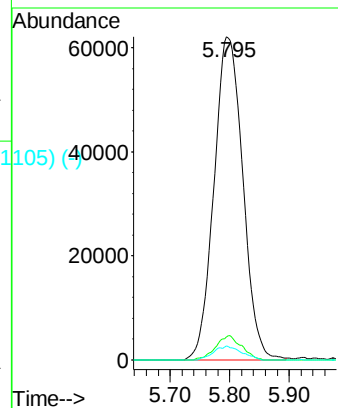
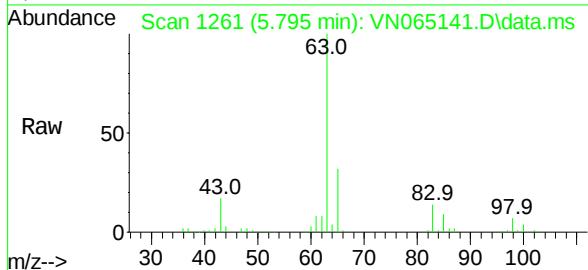
1,1-Dichloroethane
Concen: 16.48 ug/l
RT: 5.795 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VN065141.D
Acq: 15 Dec 2020 13:45

Tgt Ion:	63	Resp:	208222
Ion	Ratio	Lower	Upper
63	100		
98	7.2	2.6	8.0
100	4.3	1.7	5.1

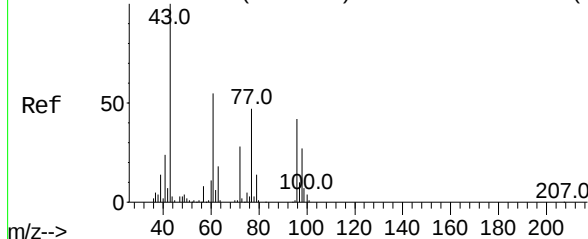
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

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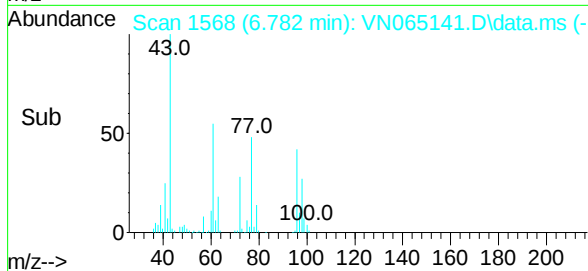
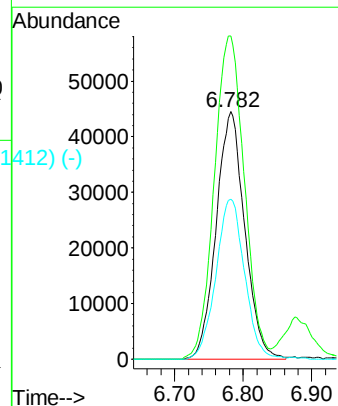
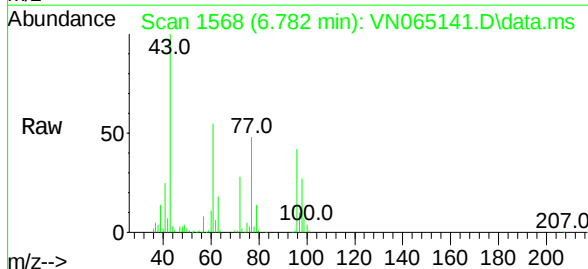


Abundance Scan 1568 (6.782 min): VN065141.D\data.ms (-15422-)

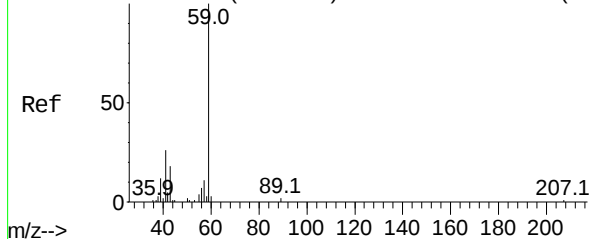


cis-1,2-Dichloroethene
Concen: 17.43 ug/l
RT: 6.782 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VN065141.D
Acq: 15 Dec 2020 13:45

Tgt Ion:	96	Resp:	128513
Ion	Ratio	Lower	Upper
96	100		
61	137.4	136.1	204.1
98	65.0	51.8	77.8



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



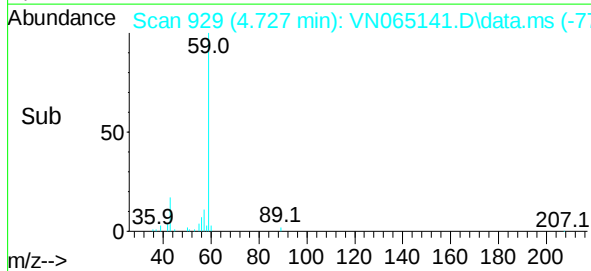
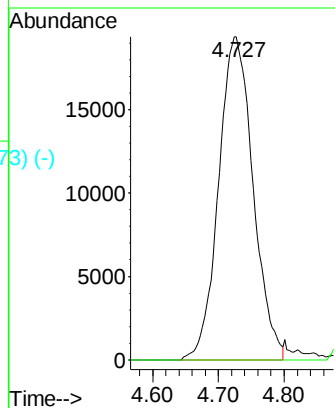
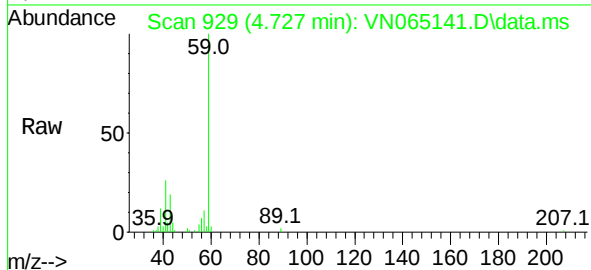
tert-Butyl Alcohol
Concen: 70.07 ug/l
RT: 4.727 min Scan# 929
Delta R.T. 0.000 min
Lab File: VN065141.D
Acq: 15 Dec 2020 13:45

Tgt Ion: 59 Resp: 70643
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

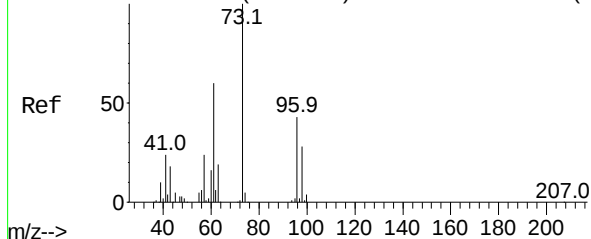
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

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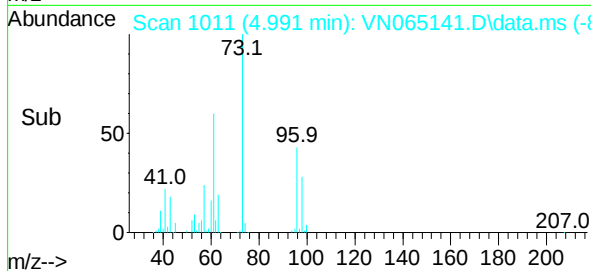
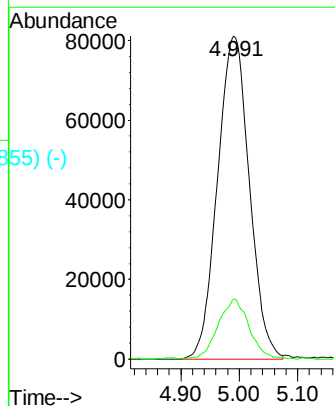
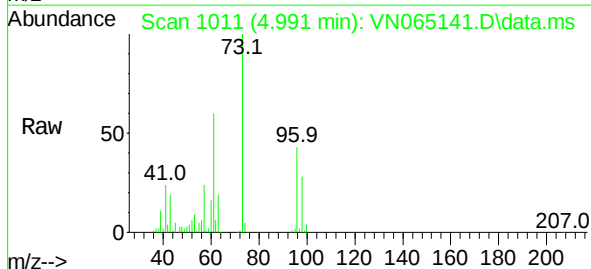


Abundance Scan 1011 (4.991 min): VN065141.D\data.ms (-985) (-)

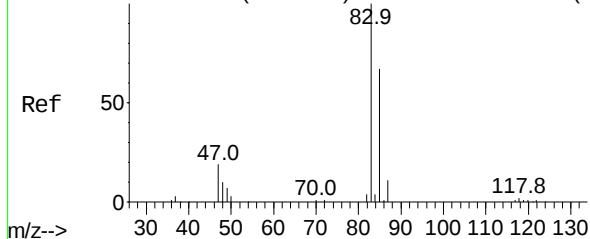


Methyl tert-Butyl Ether
Concen: 15.56 ug/l
RT: 4.991 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VN065141.D
Acq: 15 Dec 2020 13:45

Tgt Ion: 73 Resp: 307368
Ion Ratio Lower Upper
73 100
43 17.7 10.2 15.2#



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



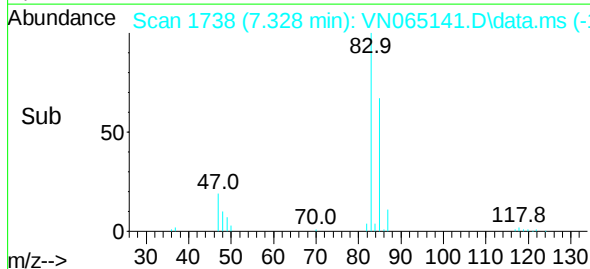
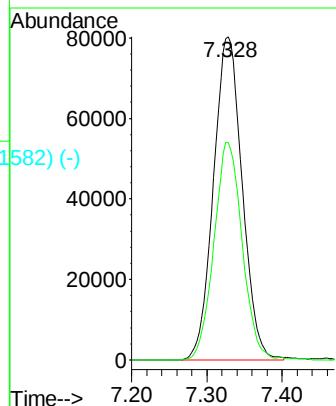
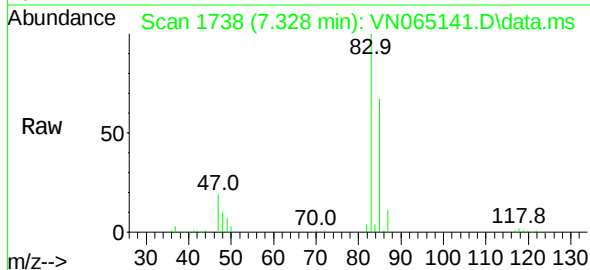
Chloroform
Concen: 16.19 ug/l
RT: 7.328 min Scan# 1738
Delta R.T. 0.000 min
Lab File: VN065141.D
Acq: 15 Dec 2020 13:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

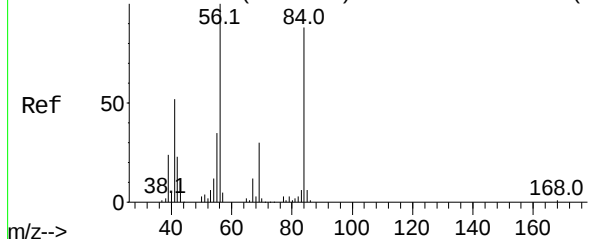
Tgt Ion: 83 Resp: 212645
Ion Ratio Lower Upper
83 100
85 67.1 50.6 75.8

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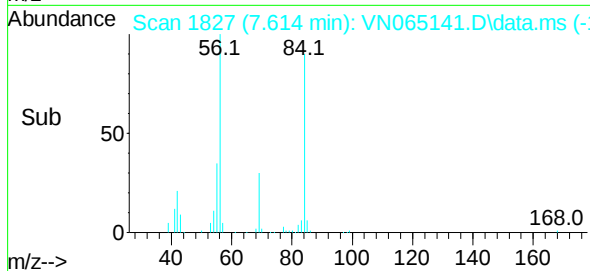
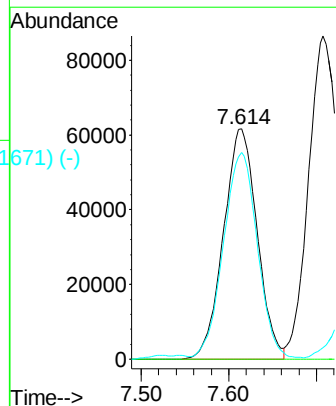
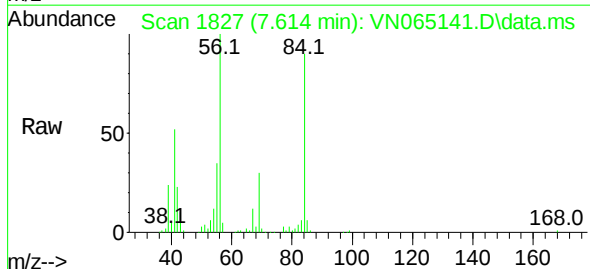


Abundance Scan 1827 (7.614 min): VN065141.D\data.ms (-1827) (-)

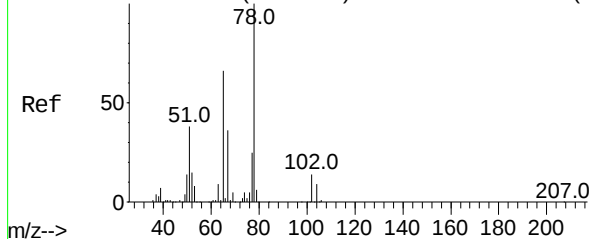


Cyclohexane
Concen: 16.73 ug/l
RT: 7.614 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN065141.D
Acq: 15 Dec 2020 13:45

Tgt Ion: 56 Resp: 164569
Ion Ratio Lower Upper
56 100
89 0.0 0.6 0.8#
84 89.0 66.1 99.1



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



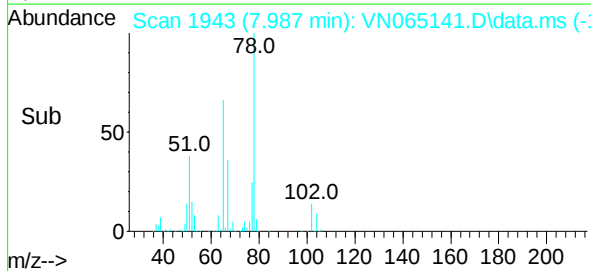
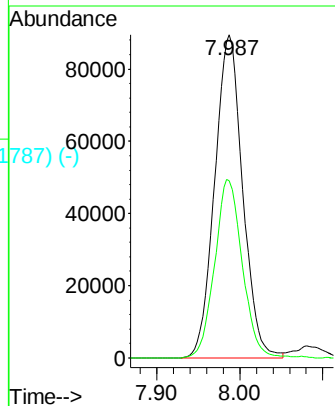
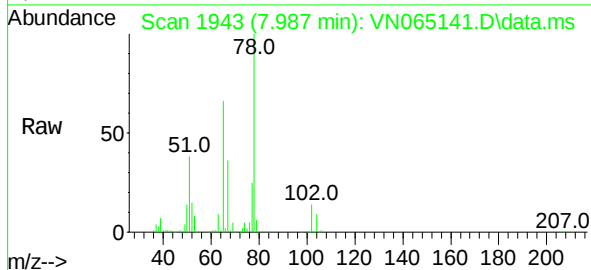
1,2-Dichloroethane-d4
Concen: 23.55 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN065141.D
Acq: 15 Dec 2020 13:45

Tgt Ion: 65 Resp: 209100
Ion Ratio Lower Upper
65 100
67 54.5 41.1 61.7

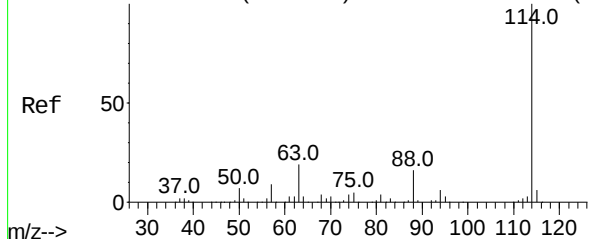
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

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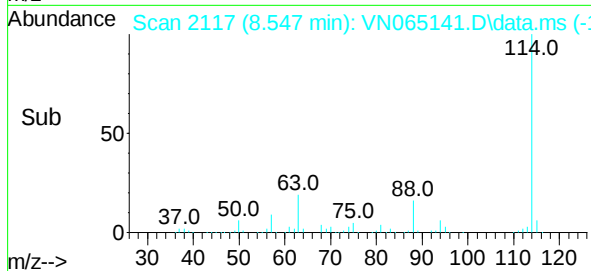
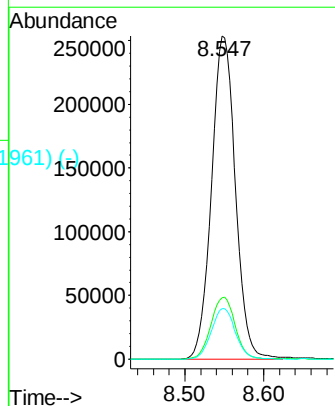
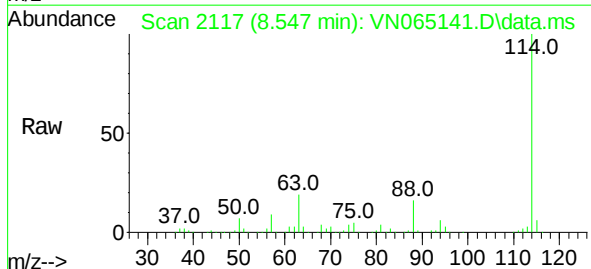


Abundance Scan 2117 (8.547 min): VN065141.D\data.ms (-1928)

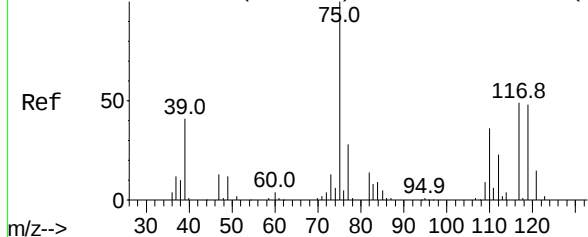


1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 8.547 min Scan# 2117
Delta R.T. 0.000 min
Lab File: VN065141.D
Acq: 15 Dec 2020 13:45

Tgt Ion:114 Resp: 536274
Ion Ratio Lower Upper
114 100
63 19.4 18.5 27.7
88 15.8 13.0 19.6



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



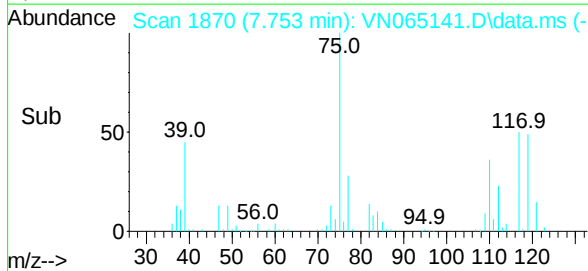
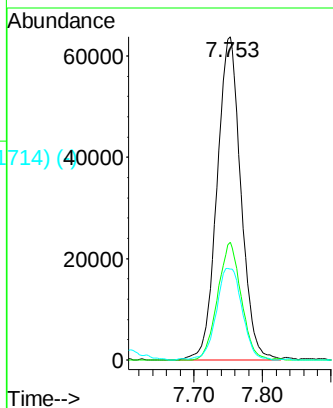
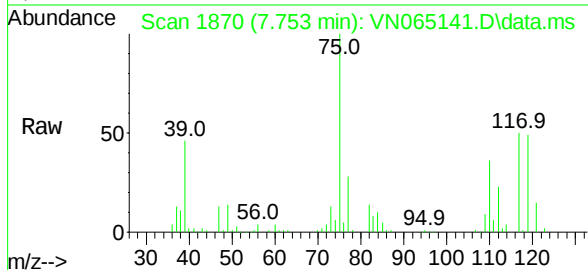
1,1-Dichloropropene
Concen: 16.85 ug/l
RT: 7.753 min Scan# 1870
Delta R.T. 0.000 min
Lab File: VN065141.D
Acq: 15 Dec 2020 13:45

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.8	0.0	66.4
77	30.5	0.0	62.0

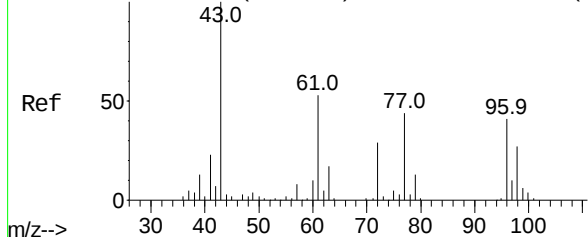
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

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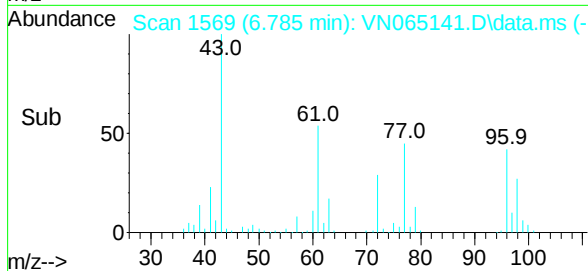
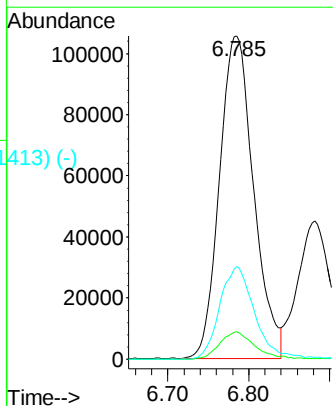
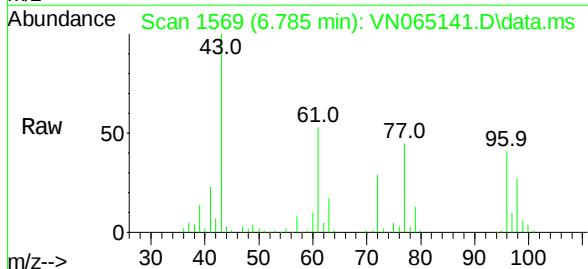


Abundance Scan 1569 (6.785 min): VN065141.D\data.ms (-15430-)



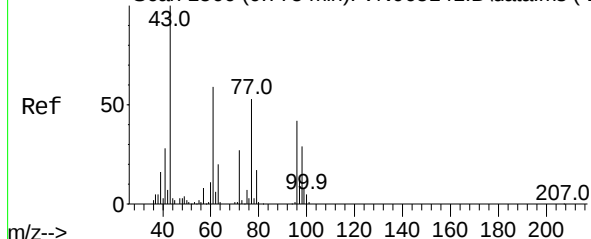
2-Butanone
Concen: 71.19 ug/l
RT: 6.785 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VN065141.D
Acq: 15 Dec 2020 13:45

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.4	6.2	9.4
72	28.4	9.9	14.9#

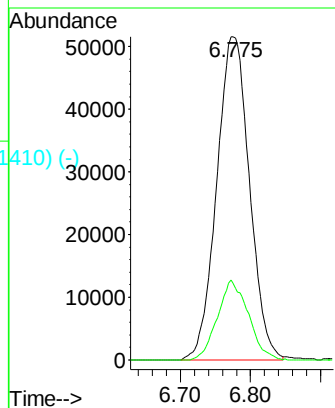
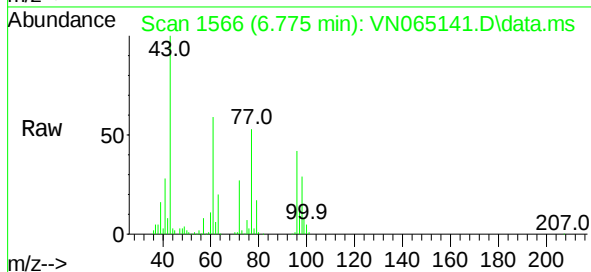


Abundance Scan 1566 (6.775 min): VN065141.D\data.ms (-15431-)

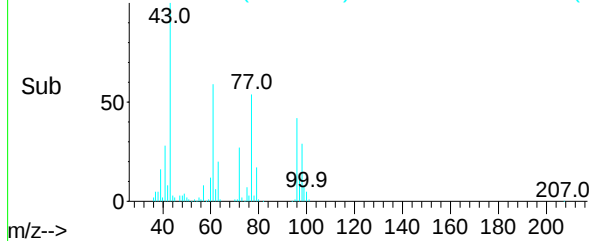
2,2-Dichloropropane
Concen: 15.69 ug/l
RT: 6.775 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN065141.D
Acq: 15 Dec 2020 13:45



Tgt Ion: 77 Resp: 167615
Ion Ratio Lower Upper
77 100
97 23.2 16.9 25.3

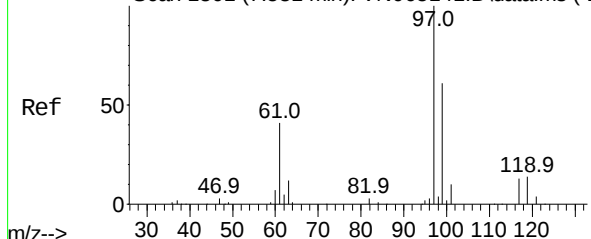


Abundance Scan 1566 (6.775 min): VN065141.D\data.ms (-1410-)

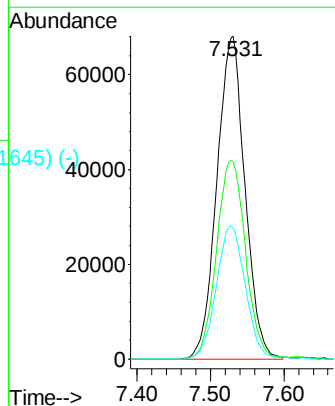
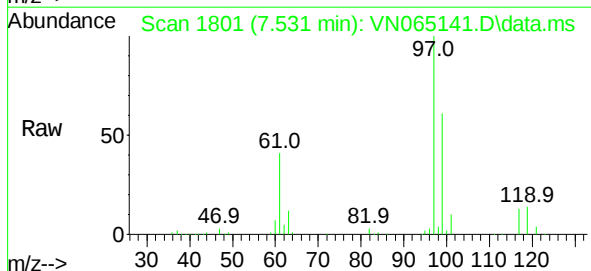


Abundance Scan 1801 (7.531 min): VN065141.D\data.ms (-17792-)

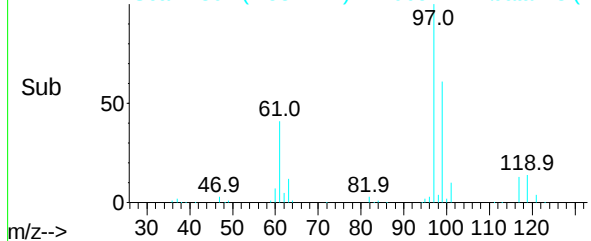
1,1,1-Trichloroethane
Concen: 16.29 ug/l
RT: 7.531 min Scan# 1801
Delta R.T. 0.000 min
Lab File: VN065141.D
Acq: 15 Dec 2020 13:45



Tgt Ion: 97 Resp: 181173
Ion Ratio Lower Upper
97 100
99 63.6 51.8 77.8
61 42.6 39.4 59.0



Abundance Scan 1801 (7.531 min): VN065141.D\data.ms (-1645-)



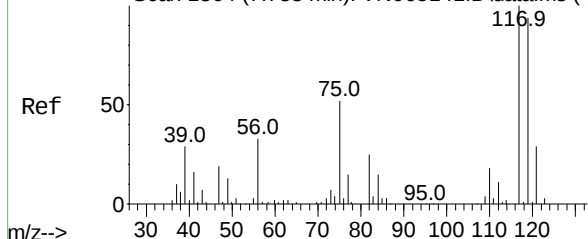
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

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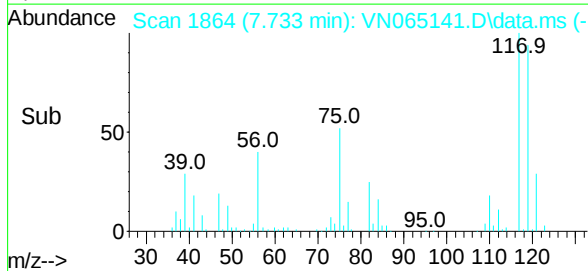
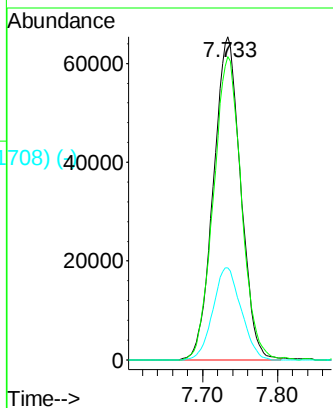
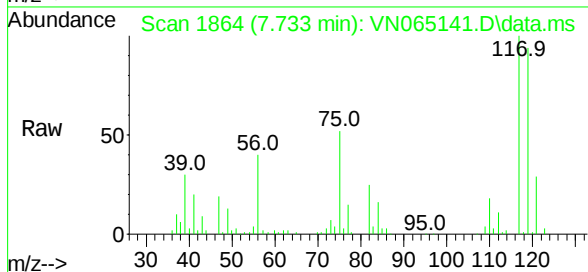
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Abundance Scan 1864 (7.733 min): VN065141.D\data.ms (-18483-)

Carbon Tetrachloride
Concen: 16.52 ug/l
RT: 7.733 min Scan# 1864
Delta R.T. 0.000 min
Lab File: VN065141.D
Acq: 15 Dec 2020 13:45

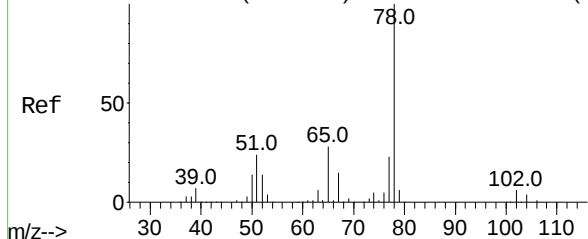


Tgt Ion:	117	Resp:	164595
Ion	Ratio	Lower	Upper
117	100		
119	93.8	77.9	116.9
121	28.6	24.0	36.0

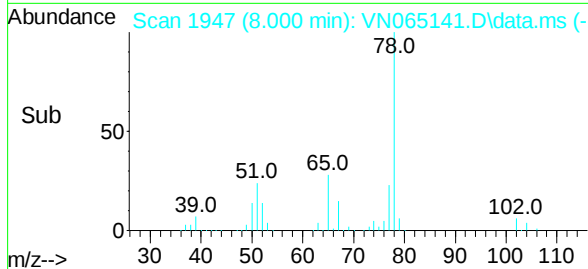
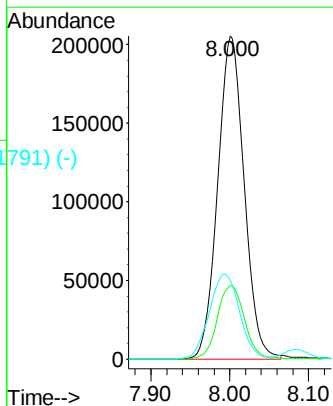
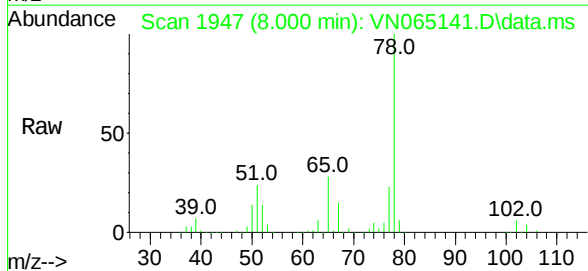


Abundance Scan 1947 (8.000 min): VN065141.D\data.ms (-19284-)

Benzene
Concen: 17.98 ug/l
RT: 8.000 min Scan# 1947
Delta R.T. 0.000 min
Lab File: VN065141.D
Acq: 15 Dec 2020 13:45



Tgt Ion:	78	Resp:	483600
Ion	Ratio	Lower	Upper
78	100		
77	22.7	18.9	28.3
51	24.2	24.6	36.8#



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

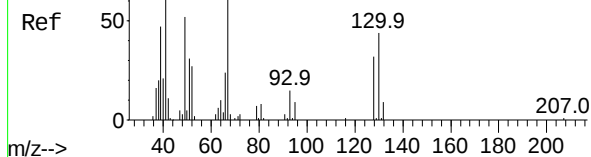
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Abundance Scan 1673 (7.119 min): VN065141.D\data.ms (-16535)

Methacrylonitrile
Concen: 14.76 ug/l
RT: 7.119 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN065141.D
Acq: 15 Dec 2020 13:45

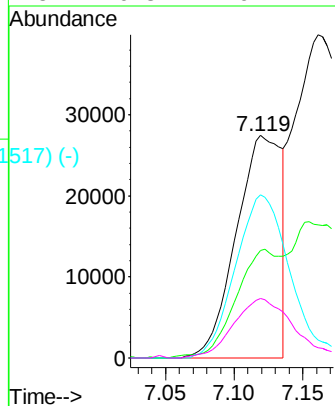
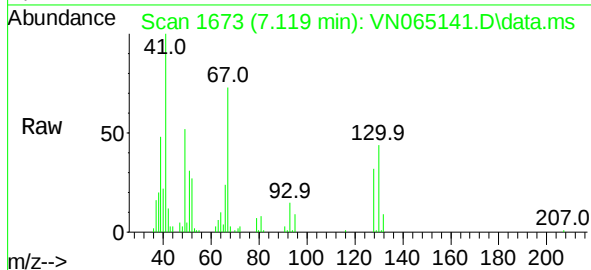
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



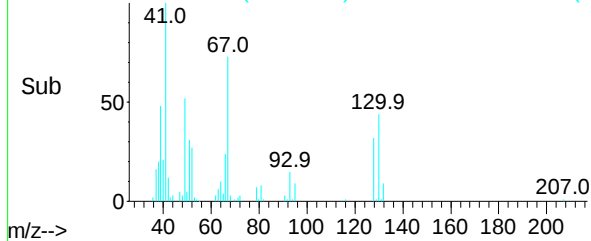
Tgt Ion:	41	Resp:	62413
Ion	Ratio	Lower	Upper
41	100		
39	47.3	30.0	90.1
67	73.3	29.2	87.6
52	26.8	14.9	44.9

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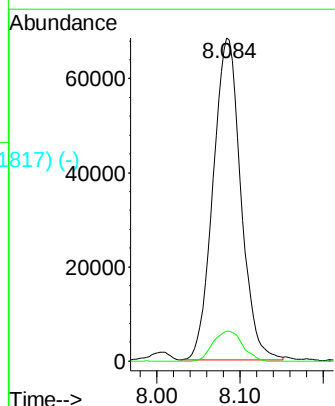
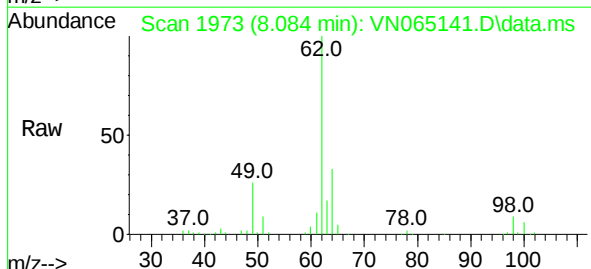
Abundance Scan 1673 (7.119 min): VN065141.D\data.ms (-1517) (-)



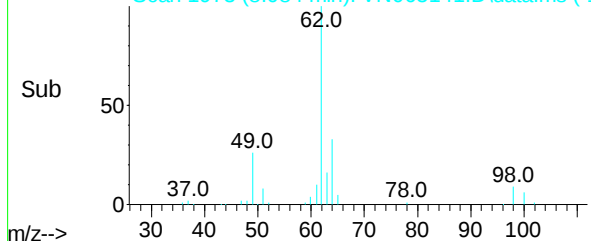
Abundance Scan 1973 (8.084 min): VN065141.D\data.ms (-19536)

1,2-Dichloroethane
Concen: 14.97 ug/l
RT: 8.084 min Scan# 1973
Delta R.T. 0.000 min
Lab File: VN065141.D
Acq: 15 Dec 2020 13:45

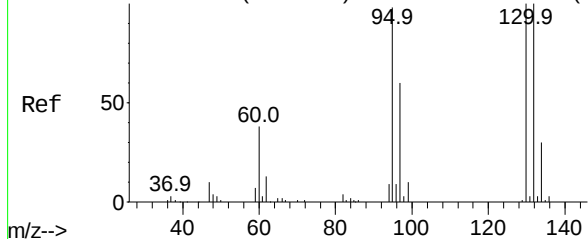
Tgt Ion:	62	Resp:	158255
Ion	Ratio	Lower	Upper
62	100		
98	9.9	5.5	8.3#



Abundance Scan 1973 (8.084 min): VN065141.D\data.ms (-1817) (-)



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



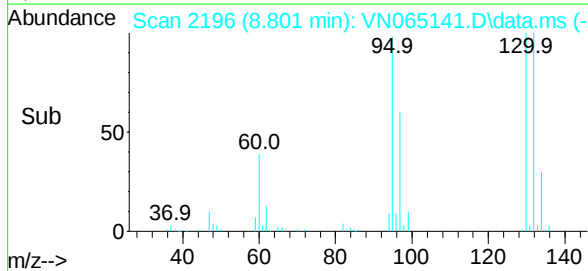
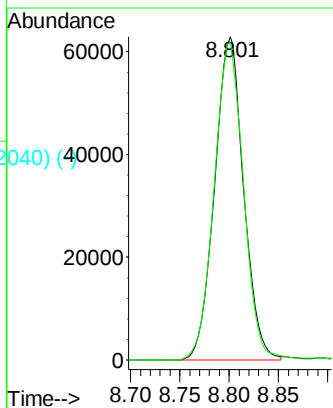
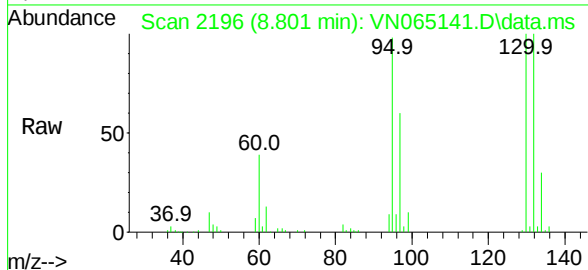
Trichloroethene
Concen: 18.80 ug/l
RT: 8.801 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VN065141.D
Acq: 15 Dec 2020 13:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

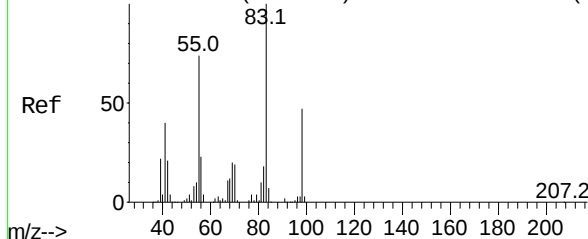
Tgt Ion:130 Resp: 129608
Ion Ratio Lower Upper
130 100
95 98.3 85.1 127.7

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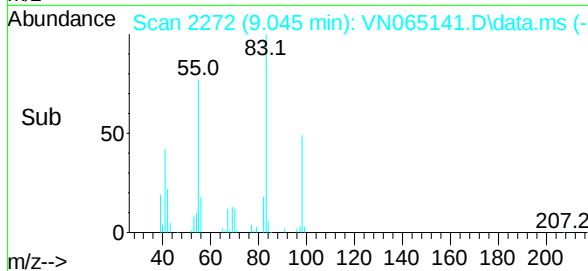
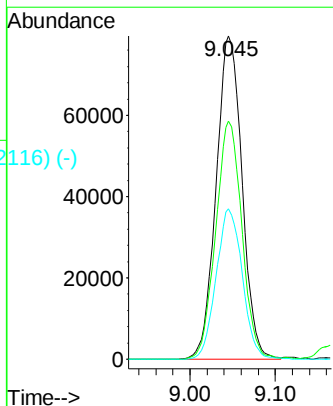
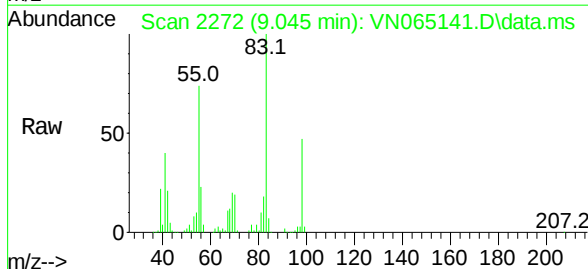


Abundance Scan 2272 (9.045 min): VN065141.D\data.ms (-22549-)

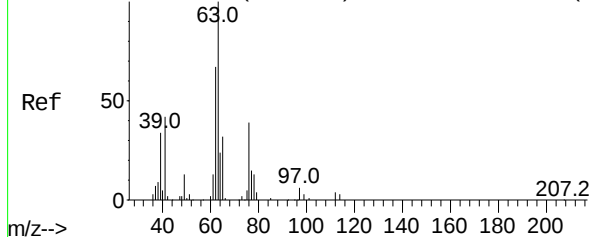


Methylcyclohexane
Concen: 19.48 ug/l
RT: 9.045 min Scan# 2272
Delta R.T. 0.000 min
Lab File: VN065141.D
Acq: 15 Dec 2020 13:45

Tgt Ion: 83 Resp: 167695
Ion Ratio Lower Upper
83 100
55 74.2 42.0 126.1
98 46.9 22.5 67.5



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



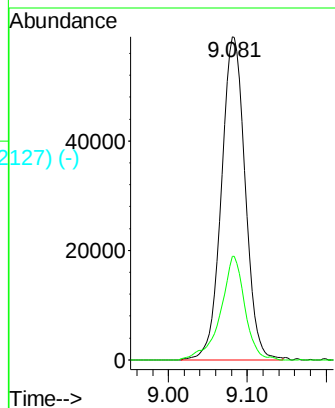
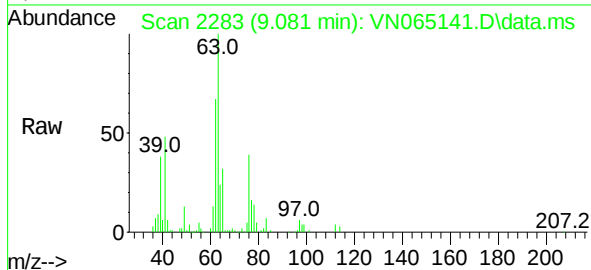
1,2-Dichloropropane
Concen: 17.47 ug/l
RT: 9.081 min Scan# 2283
Delta R.T. 0.000 min
Lab File: VN065141.D
Acq: 15 Dec 2020 13:45

Tgt Ion: 63 Resp: 125103
Ion Ratio Lower Upper
63 100
65 32.1 24.4 36.6

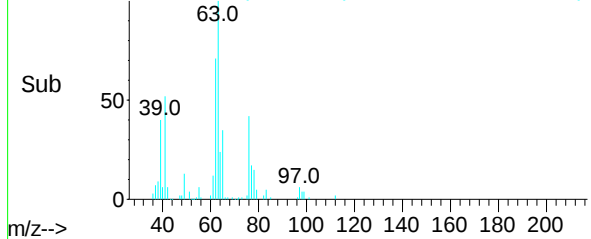
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

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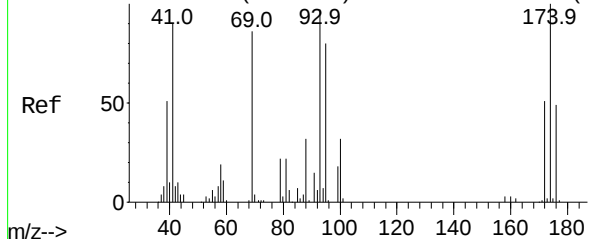
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Abundance Scan 2283 (9.081 min): VN065141.D\data.ms (-2127-)

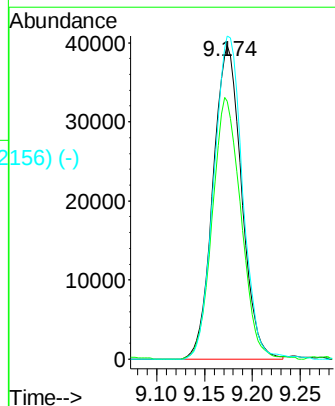
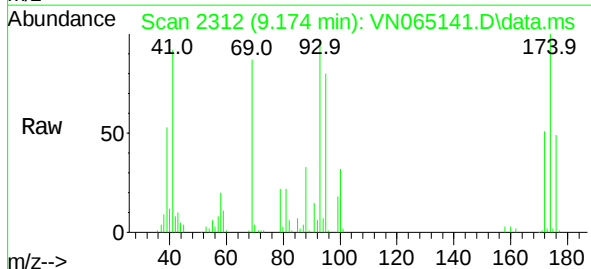


Abundance Scan 2312 (9.174 min): VN065141.D\data.ms (-229740-)

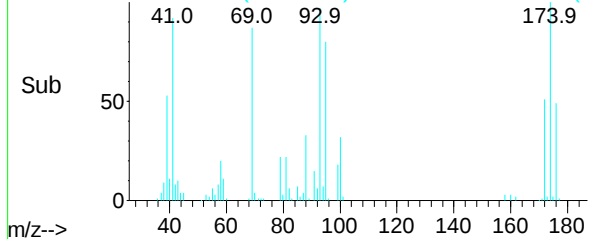


Dibromomethane
Concen: 17.13 ug/l
RT: 9.174 min Scan# 2312
Delta R.T. 0.000 min
Lab File: VN065141.D
Acq: 15 Dec 2020 13:45

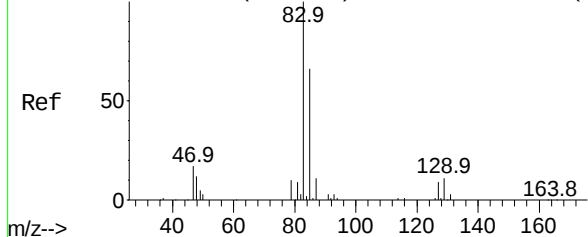
Tgt Ion: 93 Resp: 82293
Ion Ratio Lower Upper
93 100
95 83.1 0.0 164.6
174 103.2 0.0 165.6



Abundance Scan 2312 (9.174 min): VN065141.D\data.ms (-2156-)



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



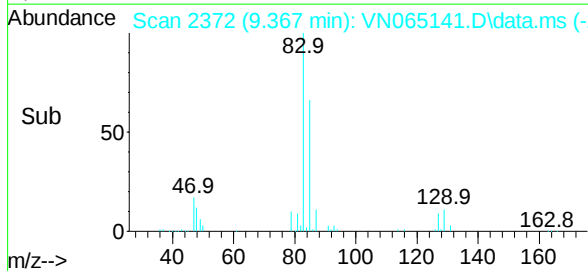
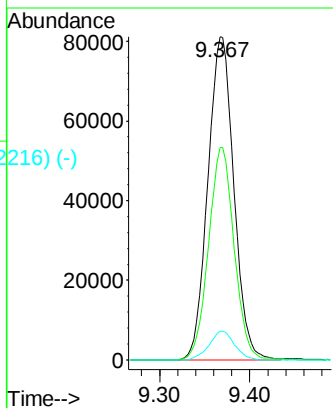
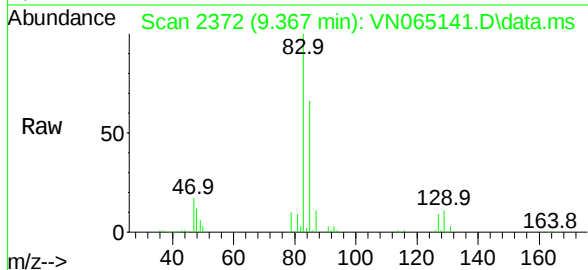
Bromodichloromethane
Concen: 15.87 ug/l
RT: 9.367 min Scan# 2372
Delta R.T. 0.000 min
Lab File: VN065141.D
Acq: 15 Dec 2020 13:45

Tgt Ion: 83 Resp: 162790
Ion Ratio Lower Upper
83 100
85 65.6 51.0 76.4
127 8.8 6.2 9.4

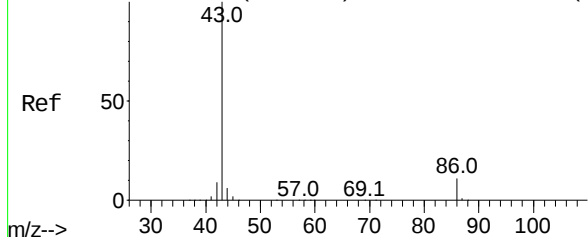
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

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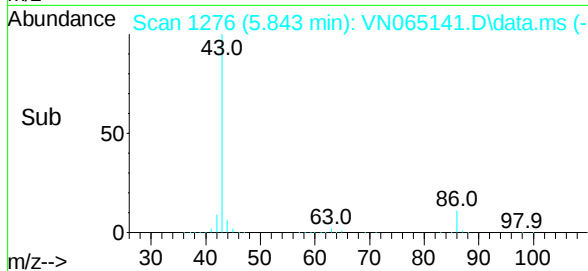
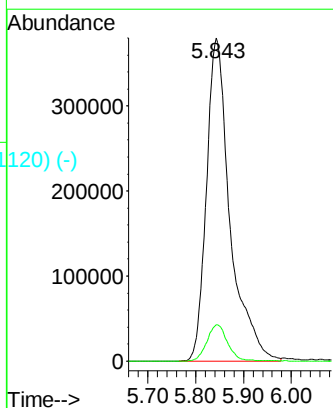
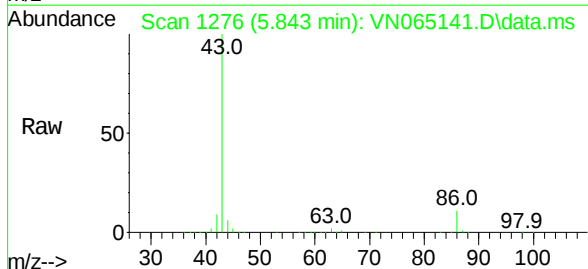


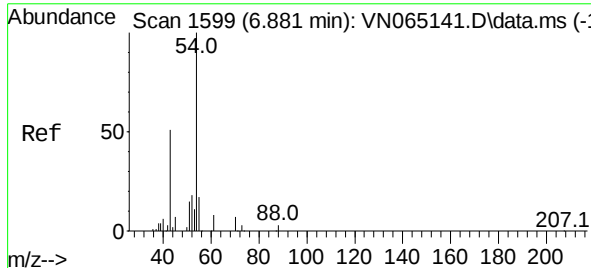
Abundance Scan 1276 (5.843 min): VN065141.D\data.ms (-12524-)



Vinyl Acetate
Concen: 73.19 ug/l
RT: 5.843 min Scan# 1276
Delta R.T. 0.000 min
Lab File: VN065141.D
Acq: 15 Dec 2020 13:45

Tgt Ion: 43 Resp: 1299482
Ion Ratio Lower Upper
43 100
86 9.8 6.3 9.5#





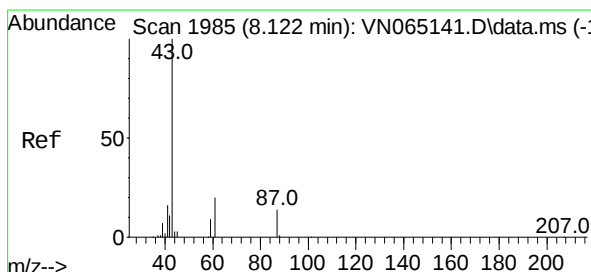
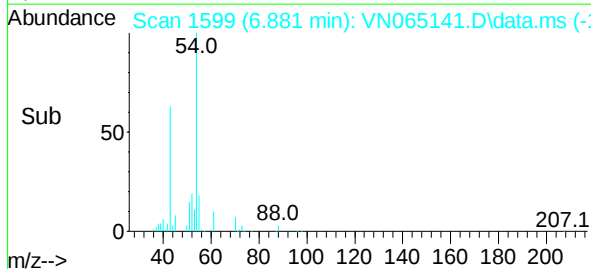
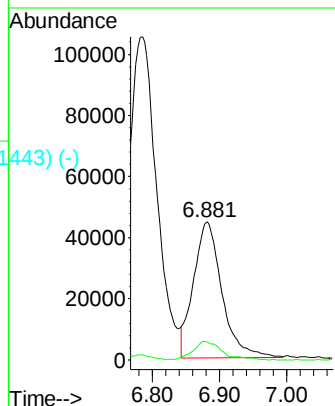
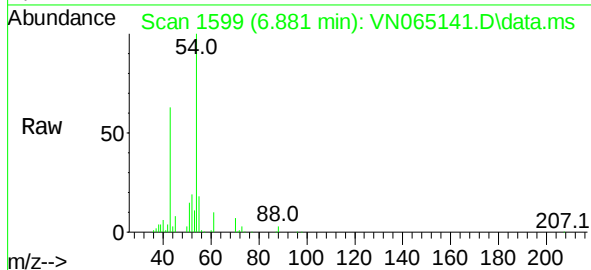
Ethyl Acetate
Concen: 14.79 ug/l
RT: 6.881 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN065141.D
Acq: 15 Dec 2020 13:45

Tgt Ion: 43 Resp: 130190
Ion Ratio Lower Upper
43 100
45 11.6 10.9 16.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

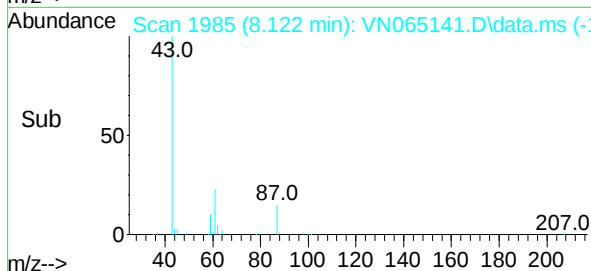
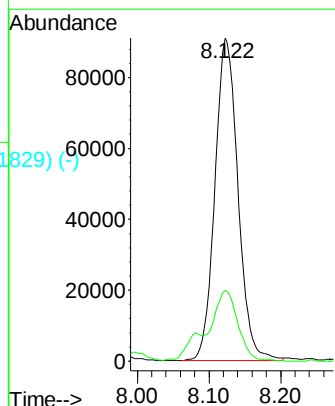
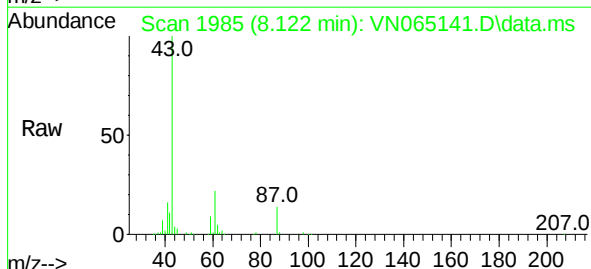
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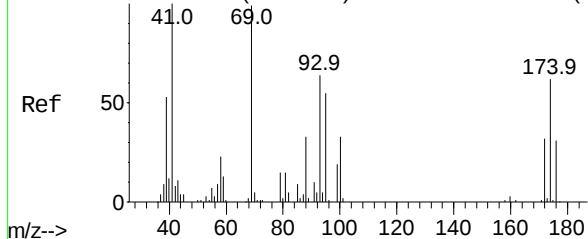


Isopropyl Acetate
Concen: 13.68 ug/l
RT: 8.122 min Scan# 1985
Delta R.T. 0.000 min
Lab File: VN065141.D
Acq: 15 Dec 2020 13:45

Tgt Ion: 43 Resp: 202808
Ion Ratio Lower Upper
43 100
61 21.5 13.0 19.4#



Abundance Scan 2309 (9.164 min): VN065141.D\data.ms (-2295)



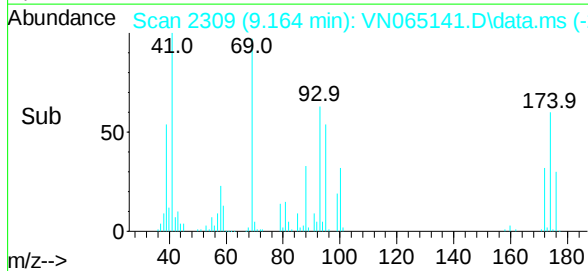
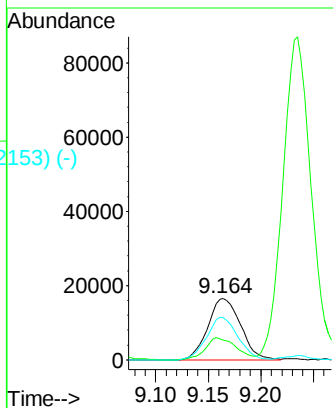
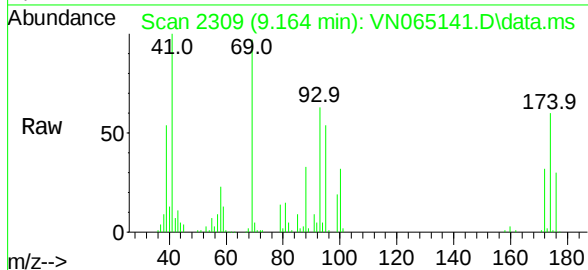
1,4-Dioxane
Concen: 337.80 ug/l
RT: 9.164 min Scan# 2309
Delta R.T. 0.000 min
Lab File: VN065141.D
Acq: 15 Dec 2020 13:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

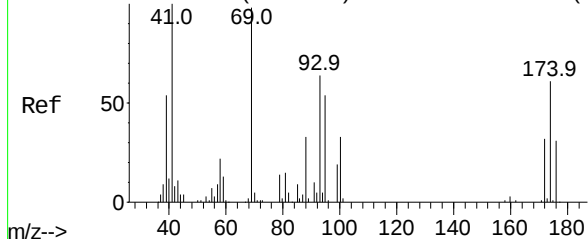
Tgt Ion:	88	Resp:	35929
Ion	Ratio	Lower	Upper
88	100		
43	33.9	30.6	46.0
58	66.0	57.9	86.9

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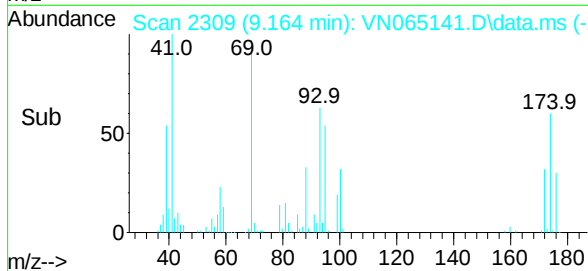
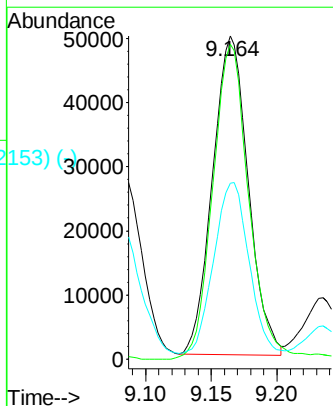
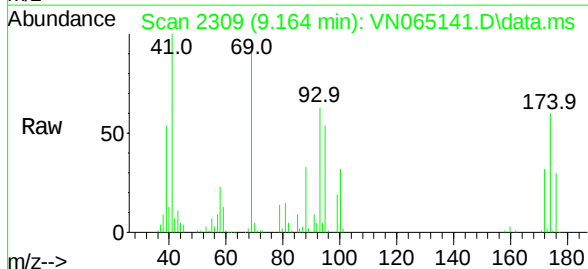


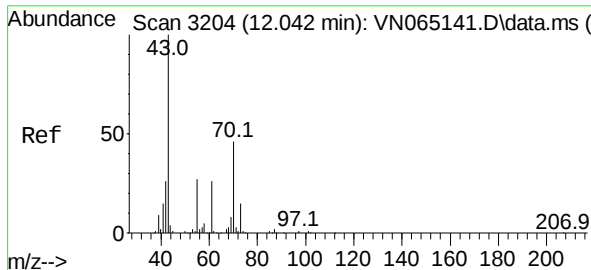
Abundance Scan 2309 (9.164 min): VN065141.D\data.ms (-2295)



Methyl methacrylate
Concen: 12.77 ug/l
RT: 9.164 min Scan# 2309
Delta R.T. 0.000 min
Lab File: VN065141.D
Acq: 15 Dec 2020 13:45

Tgt Ion:	41	Resp:	93447
Ion	Ratio	Lower	Upper
41	100		
69	98.3	35.4	106.2
39	53.5	31.6	94.7





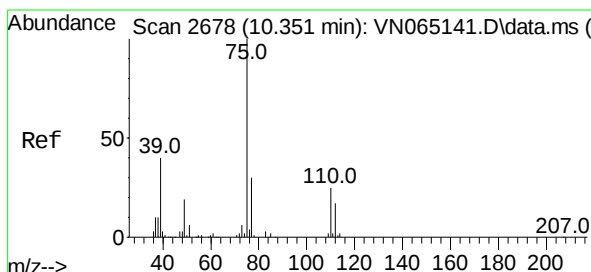
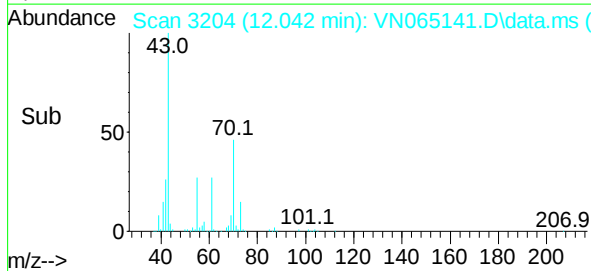
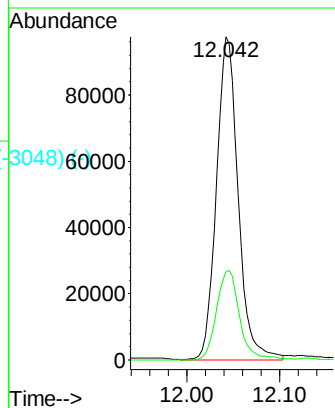
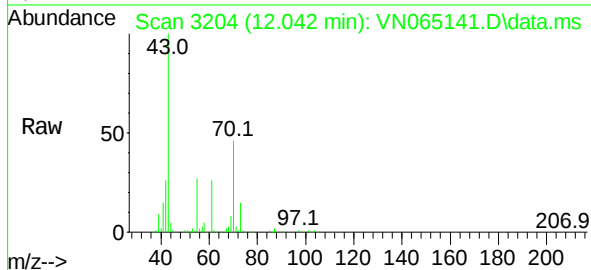
n-amy1 Acetate
Concen: 12.44 ug/l
RT: 12.042 min Scan# 3204
Delta R.T. 0.000 min
Lab File: VN065141.D
Acq: 15 Dec 2020 13:45

Tgt Ion: 43 Resp: 158433
Ion Ratio Lower Upper
43 100
55 29.4 19.2 28.8#

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

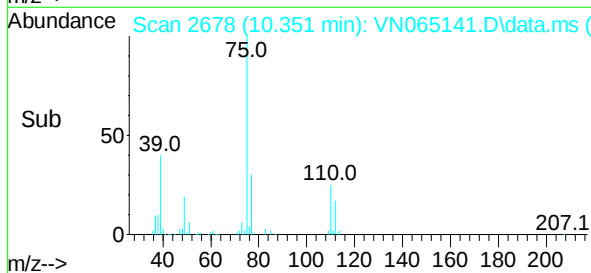
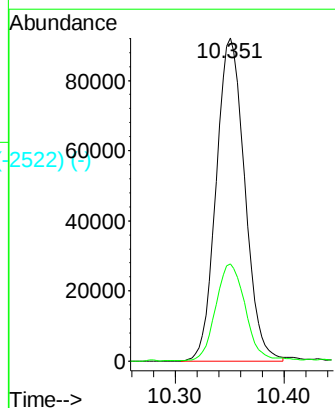
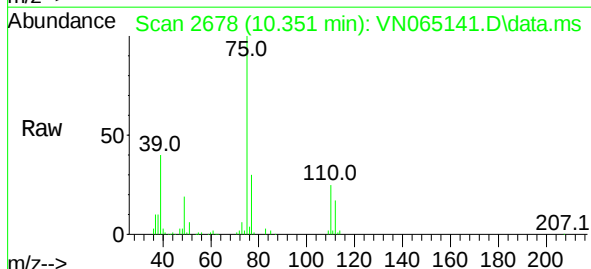
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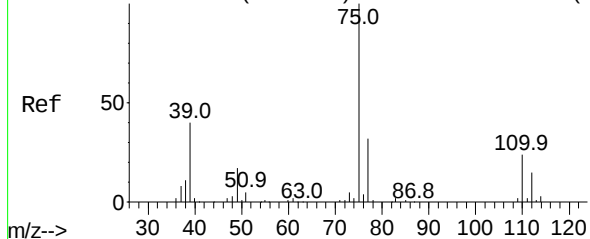


t-1,3-Dichloropropene
Concen: 15.37 ug/l
RT: 10.351 min Scan# 2678
Delta R.T. 0.000 min
Lab File: VN065141.D
Acq: 15 Dec 2020 13:45

Tgt Ion: 75 Resp: 167630
Ion Ratio Lower Upper
75 100
77 30.0 25.8 38.6



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



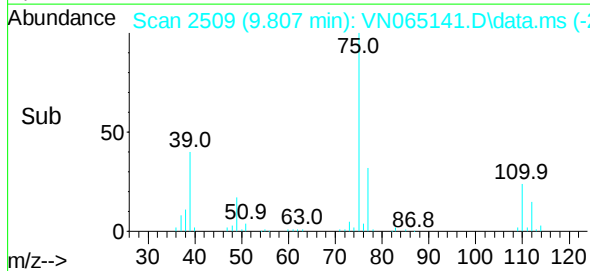
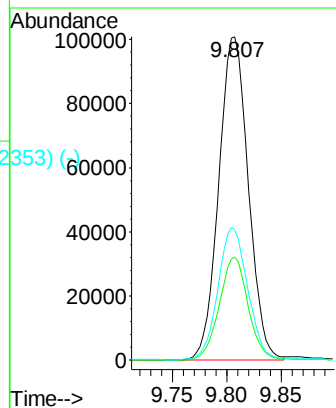
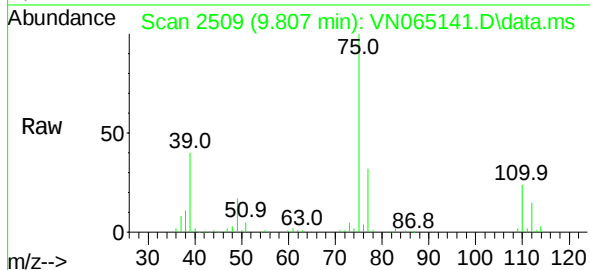
cis-1,3-Dichloropropene
Concen: 16.36 ug/l
RT: 9.807 min Scan# 2509
Delta R.T. 0.000 min
Lab File: VN065141.D
Acq: 15 Dec 2020 13:45

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC020

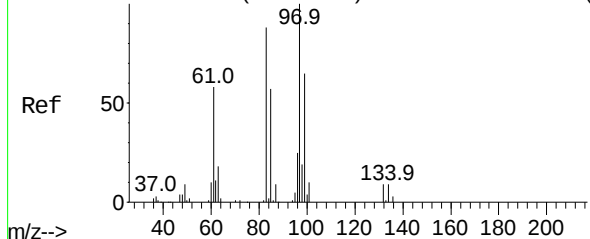
Tgt Ion: 75 Resp: 189629
Ion Ratio Lower Upper
75 100
77 31.9 24.8 37.2
39 40.2 47.4 71.0#

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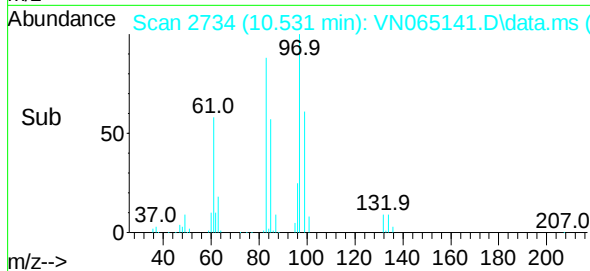
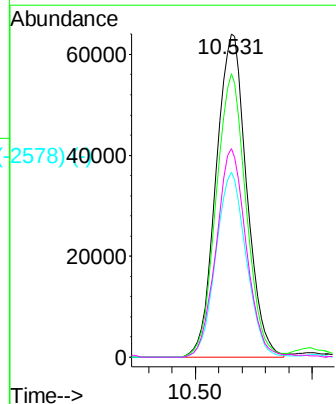
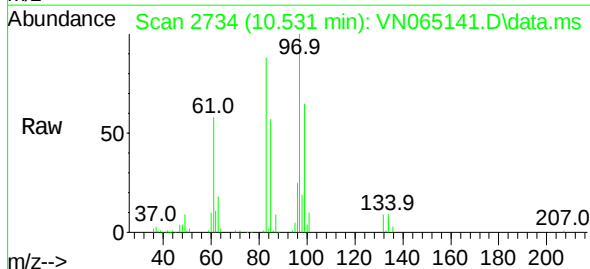


Abundance Scan 2734 (10.531 min): VN065141.D\data.ms (-2750)



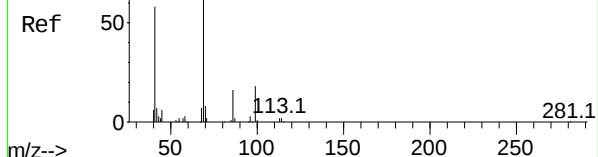
1,1,2-Trichloroethane
Concen: 17.51 ug/l
RT: 10.531 min Scan# 2734
Delta R.T. 0.000 min
Lab File: VN065141.D
Acq: 15 Dec 2020 13:45

Tgt Ion: 97 Resp: 116657
Ion Ratio Lower Upper
97 100
83 87.7 74.2 111.4
85 57.2 44.8 67.2
99 64.6 50.5 75.7

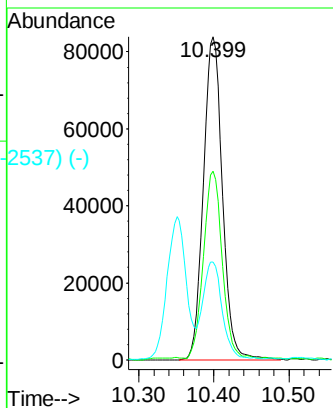
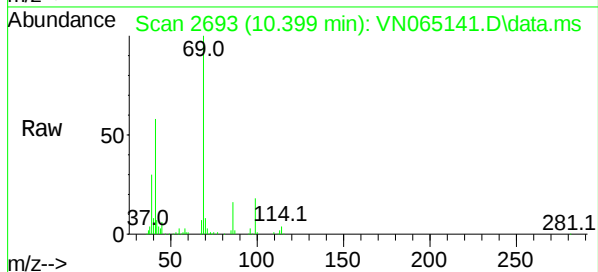


Abundance Scan 2693 (10.399 min): VN065141.D\data.ms (-2653) (-)

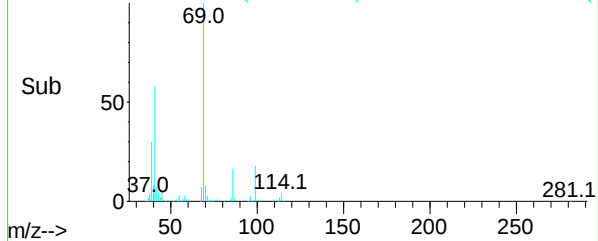
Ethyl methacrylate
Concen: 15.60 ug/l
RT: 10.399 min Scan# 2693
Delta R.T. 0.000 min
Lab File: VN065141.D
Acq: 15 Dec 2020 13:45



Tgt Ion: 69 Resp: 147580
Ion Ratio Lower Upper
69 100
41 57.9 35.4 106.1
39 29.8 24.1 72.2

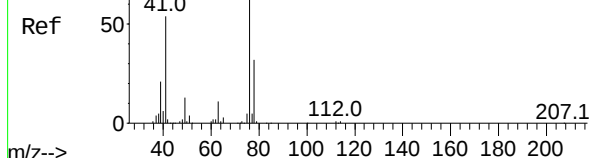


Abundance Scan 2693 (10.399 min): VN065141.D\data.ms (-2537) (-)

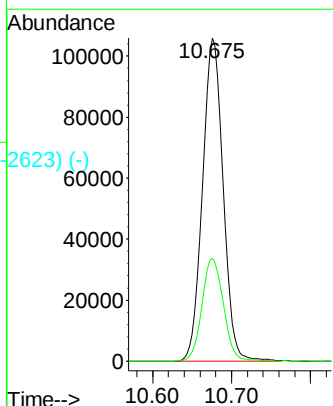
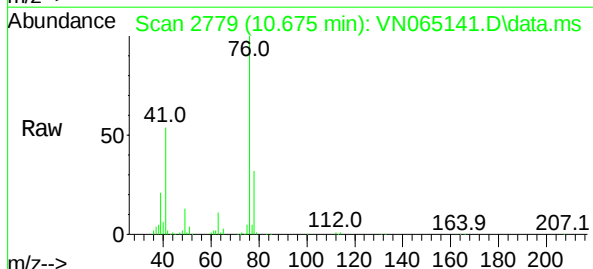


Abundance Scan 2779 (10.675 min): VN065141.D\data.ms (-2752) (-)

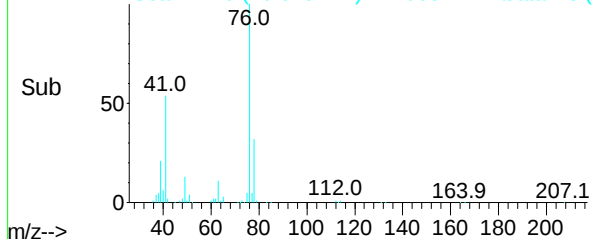
1,3-Dichloropropane
Concen: 16.79 ug/l
RT: 10.675 min Scan# 2779
Delta R.T. 0.000 min
Lab File: VN065141.D
Acq: 15 Dec 2020 13:45



Tgt Ion: 76 Resp: 191111
Ion Ratio Lower Upper
76 100
78 32.5 0.0 65.2



Abundance Scan 2779 (10.675 min): VN065141.D\data.ms (-2623) (-)



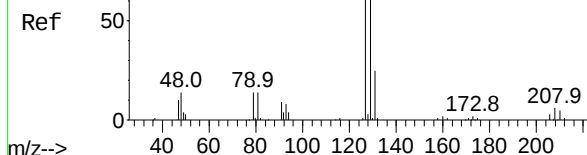
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

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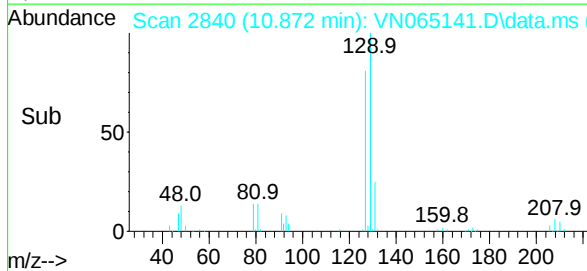
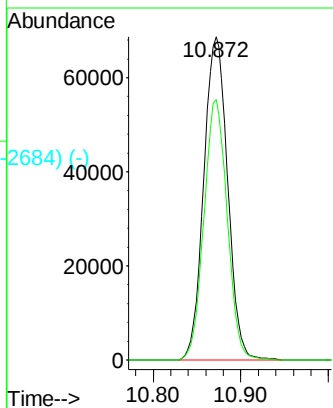
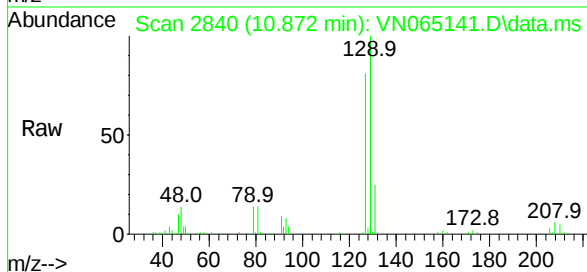
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Abundance Scan 2840 (10.872 min): VN065141.D\data.ms (-2659) (-)

Dibromochloromethane
Concen: 17.03 ug/l
RT: 10.872 min Scan# 2840
Delta R.T. 0.000 min
Lab File: VN065141.D
Acq: 15 Dec 2020 13:45

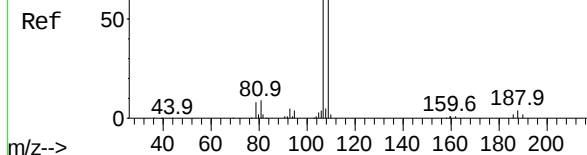


Tgt Ion:129 Resp: 129320
Ion Ratio Lower Upper
129 100
127 78.6 39.1 117.2

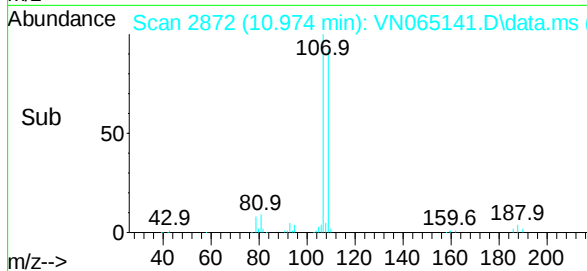
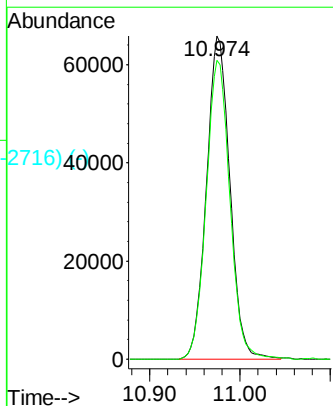
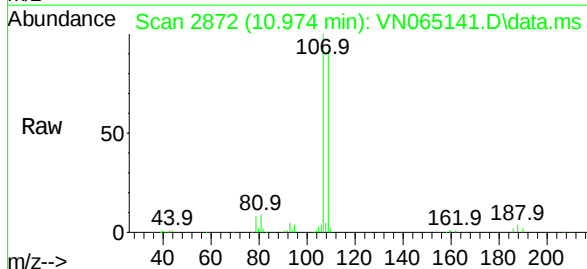


Abundance Scan 2872 (10.974 min): VN065141.D\data.ms (-2659) (-)

1,2-Dibromoethane
Concen: 17.40 ug/l
RT: 10.974 min Scan# 2872
Delta R.T. 0.000 min
Lab File: VN065141.D
Acq: 15 Dec 2020 13:45



Tgt Ion:107 Resp: 119070
Ion Ratio Lower Upper
107 100
109 93.7 77.2 115.8



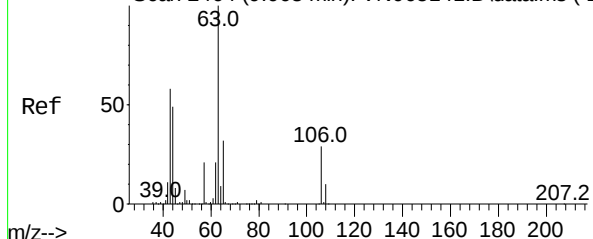
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

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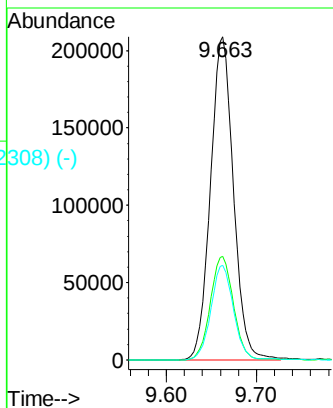
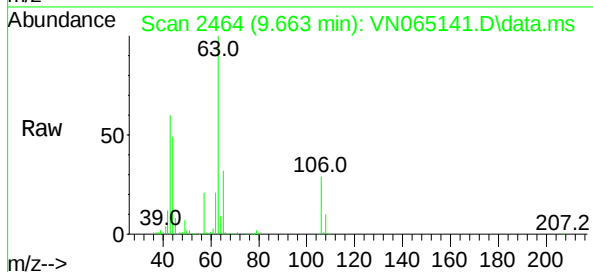
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Abundance Scan 2464 (9.663 min): VN065141.D\data.ms (-2445) (-)

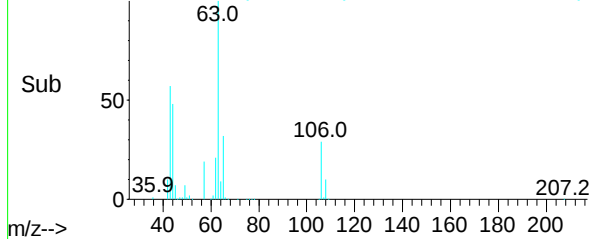
2-Chloroethyl vinyl ether
Concen: 76.34 ug/l
RT: 9.663 min Scan# 2464
Delta R.T. 0.000 min
Lab File: VN065141.D
Acq: 15 Dec 2020 13:45



Tgt Ion	Ratio	Lower	Upper
63	100		
65	32.4	25.7	38.5
106	28.6	19.9	29.9

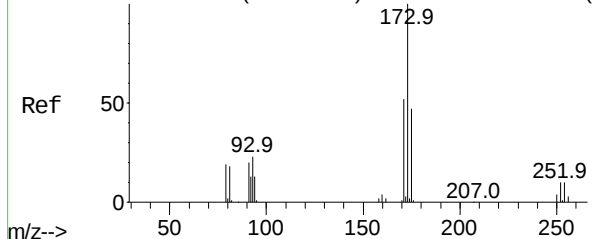


Abundance Scan 2464 (9.663 min): VN065141.D\data.ms (-2308) (-)

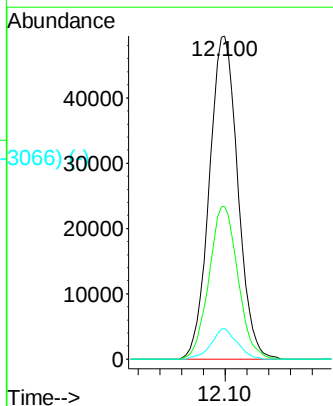
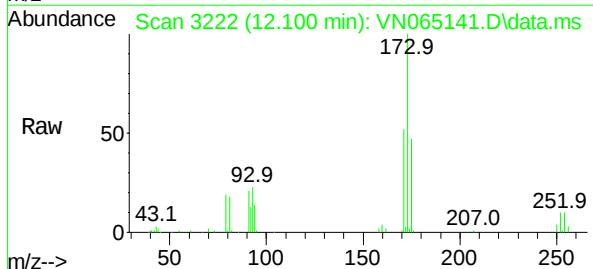


Abundance Scan 3222 (12.100 min): VN065141.D\data.ms (-3256) (-)

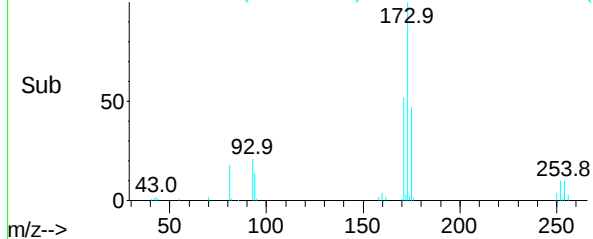
Bromoform
Concen: 17.81 ug/l
RT: 12.100 min Scan# 3222
Delta R.T. 0.000 min
Lab File: VN065141.D
Acq: 15 Dec 2020 13:45



Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.9	37.1	55.7
254	8.6	5.4	8.2#



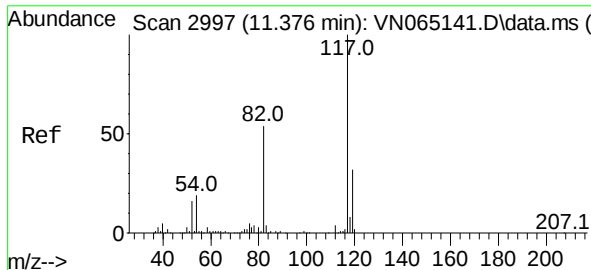
Abundance Scan 3222 (12.100 min): VN065141.D\data.ms (-3066) (-)



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

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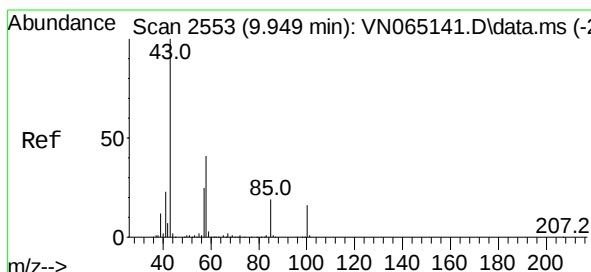
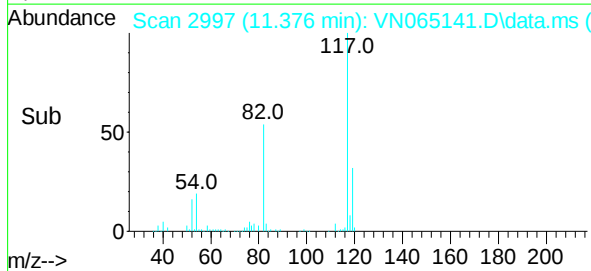
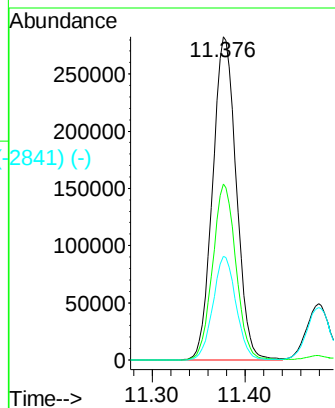
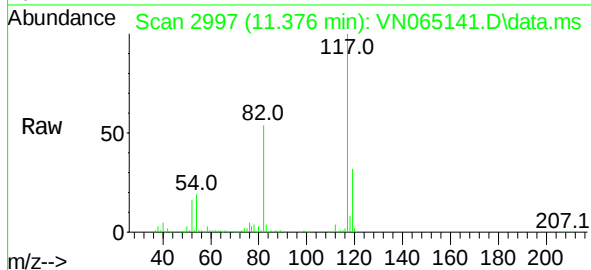
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065141.D
Acq: 15 Dec 2020 13:45

Tgt Ion:	117	Resp:	498972
Ion	Ratio	Lower	Upper
117	100		
82	53.7	47.8	71.8
119	31.3	25.7	38.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

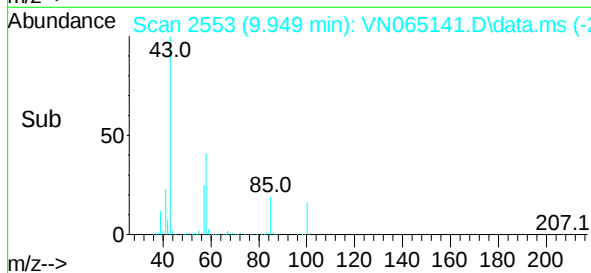
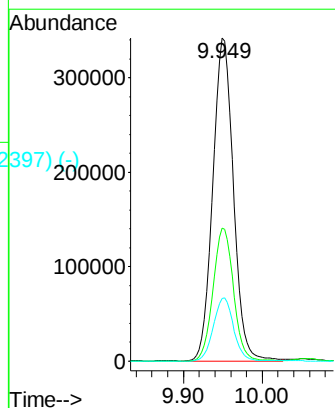
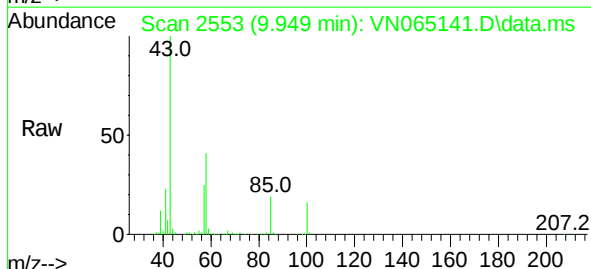
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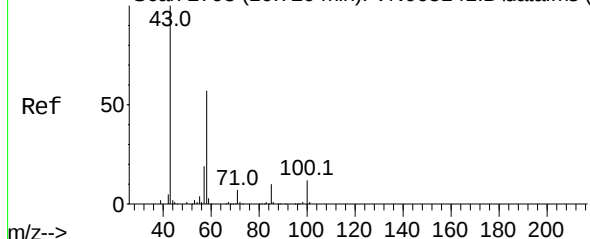
4-Methyl-2-Pentanone
Concen: 71.43 ug/l
RT: 9.949 min Scan# 2553
Delta R.T. 0.000 min
Lab File: VN065141.D
Acq: 15 Dec 2020 13:45

Tgt Ion:	43	Resp:	624469
Ion	Ratio	Lower	Upper
43	100		
58	40.8	28.8	43.2
85	19.2	12.3	18.5#



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

2-Hexanone
Concen: 66.94 ug/l
RT: 10.720 min Scan# 2793
Delta R.T. 0.000 min
Lab File: VN065141.D
Acq: 15 Dec 2020 13:45

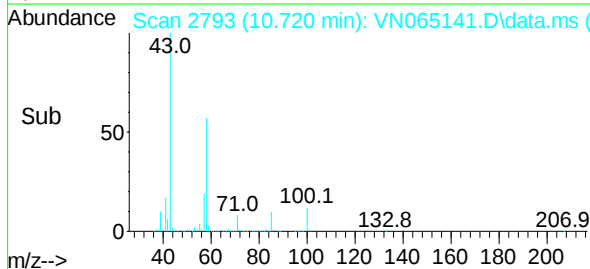
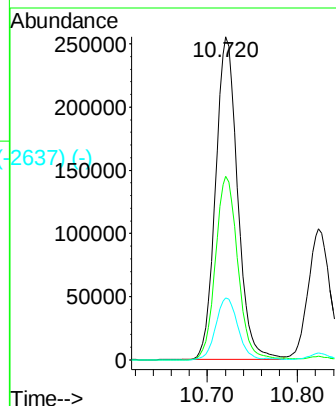
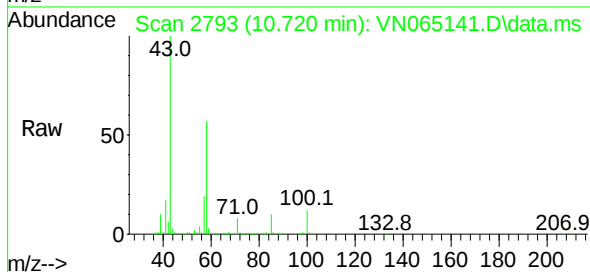


Tgt Ion: 43 Resp: 435537
Ion Ratio Lower Upper
43 100
58 57.9 38.2 57.4#
57 19.3 13.8 20.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

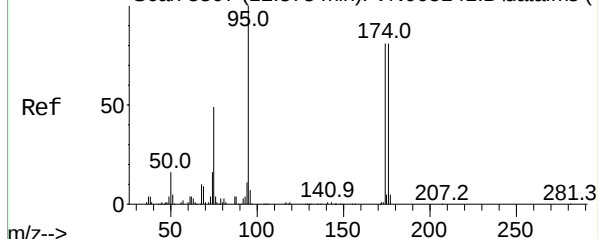
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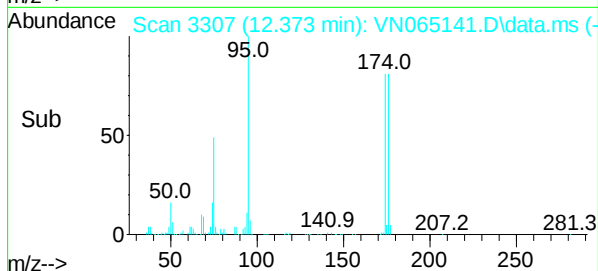
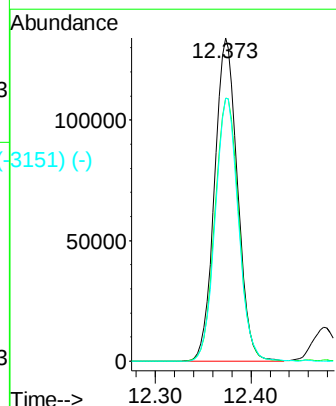
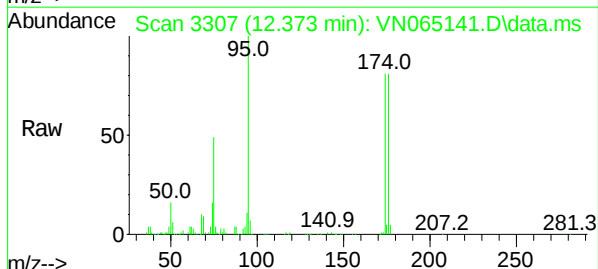


Abundance Scan 3307 (12.373 min): VN065141.D\data.ms (-3260) (-)

4-Bromofluorobenzene
Concen: 26.77 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.000 min
Lab File: VN065141.D
Acq: 15 Dec 2020 13:45



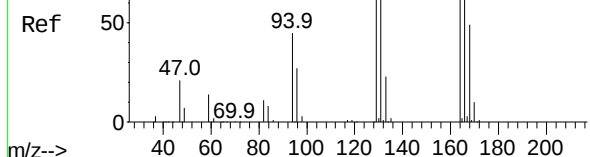
Tgt Ion: 95 Resp: 223427
Ion Ratio Lower Upper
95 100
174 83.9 56.4 84.6
176 81.8 53.3 79.9#



Abundance Scan 2756 (10.601 min): VN065141.D\data.ms (-2763) (-)

Tetrachloroethene
Concen: 21.38 ug/l
RT: 10.601 min Scan# 2756
Delta R.T. 0.000 min
Lab File: VN065141.D
Acq: 15 Dec 2020 13:45

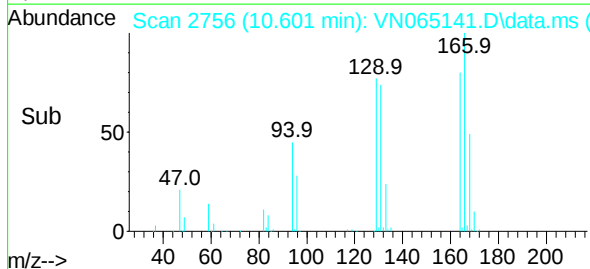
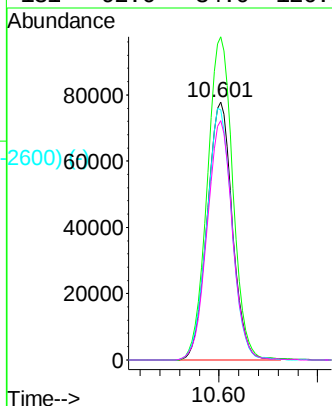
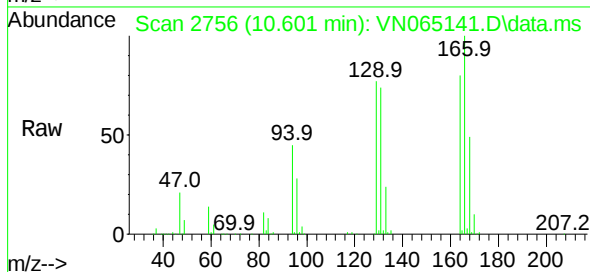
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion:	164	Resp:	138246
Ion	Ratio	Lower	Upper
164	100		
166	125.3	103.2	154.8
129	96.8	86.4	129.6
131	92.6	84.0	126.0

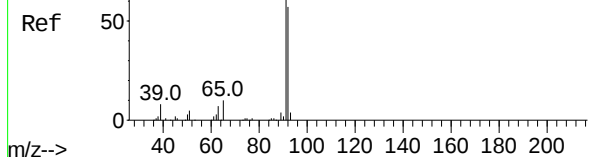
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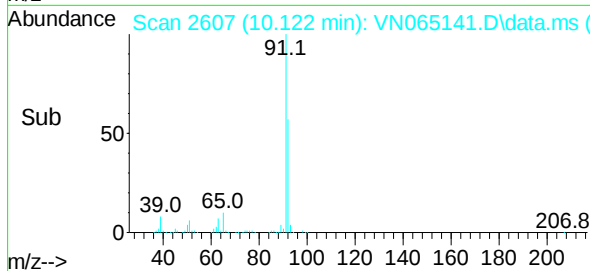
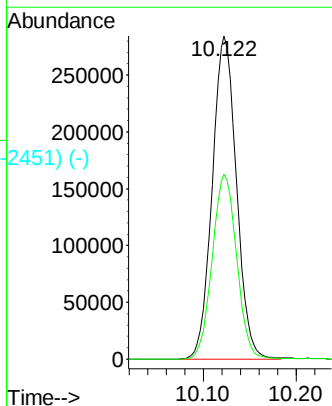
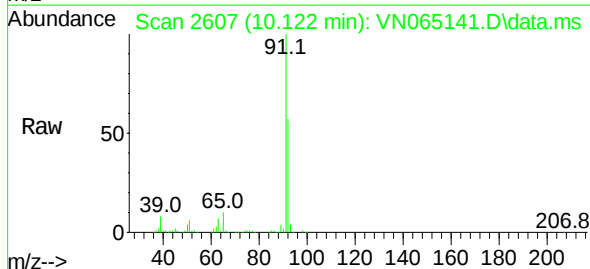


Abundance Scan 2607 (10.122 min): VN065141.D\data.ms (-2562) (-)

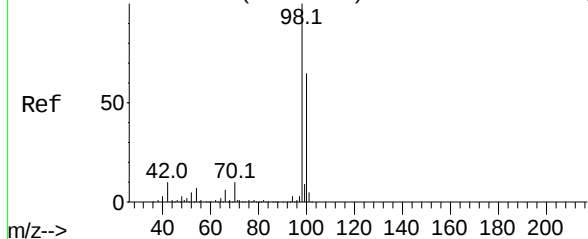
Toluene
Concen: 17.65 ug/l
RT: 10.122 min Scan# 2607
Delta R.T. 0.000 min
Lab File: VN065141.D
Acq: 15 Dec 2020 13:45



Tgt Ion:	91	Resp:	513855
Ion	Ratio	Lower	Upper
91	100		
92	57.7	45.4	68.2



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



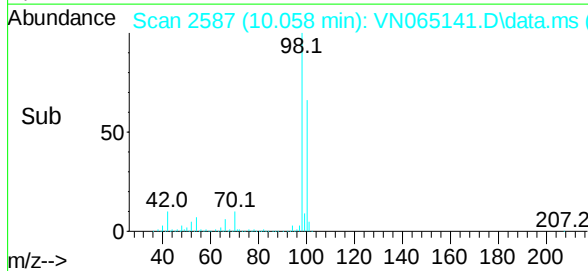
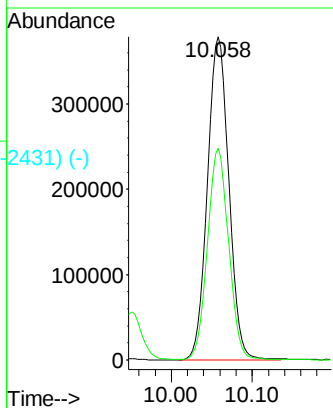
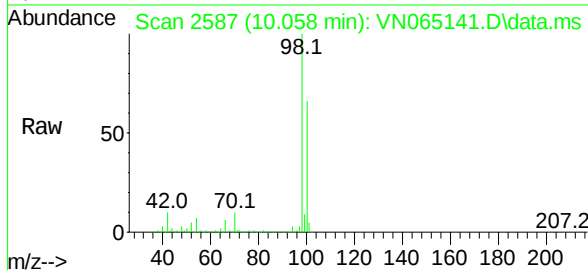
Toluene-d8
Concen: 30.04 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065141.D
Acq: 15 Dec 2020 13:45

Tgt Ion: 98 Resp: 695273
Ion Ratio Lower Upper
98 100
100 64.3 49.4 74.2

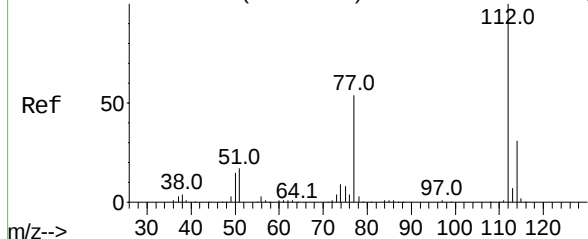
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

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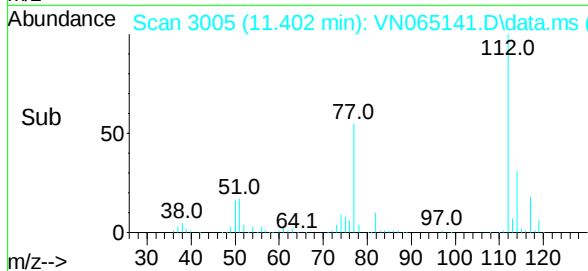
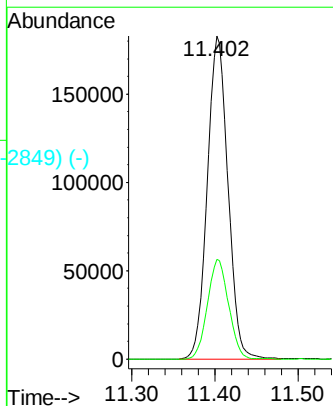
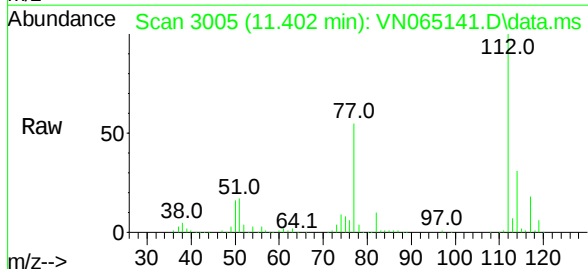


Abundance Scan 3005 (11.402 min): VN065141.D\data.ms (-2951) (-)

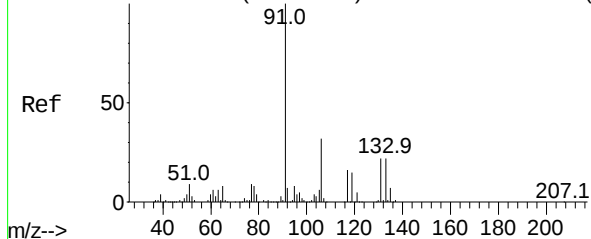


Chlorobenzene
Concen: 18.09 ug/l
RT: 11.402 min Scan# 3005
Delta R.T. 0.000 min
Lab File: VN065141.D
Acq: 15 Dec 2020 13:45

Tgt Ion:112 Resp: 315415
Ion Ratio Lower Upper
112 100
114 30.8 25.0 37.6



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



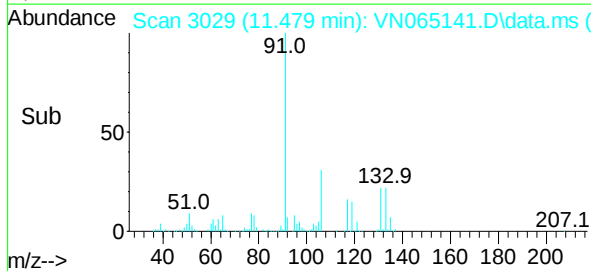
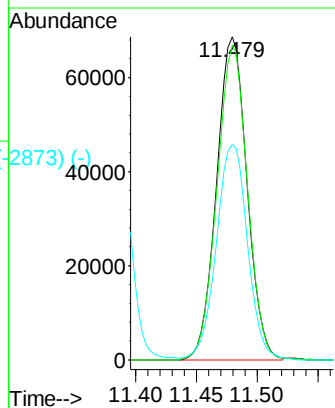
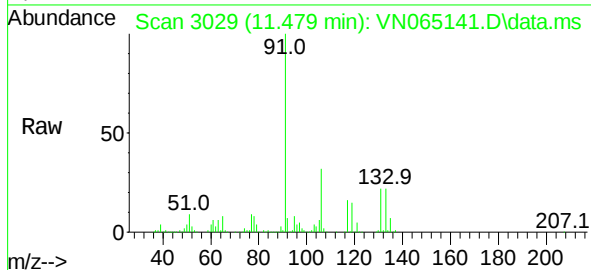
1,1,1,2-Tetrachloroethane
Concen: 17.63 ug/l
RT: 11.479 min Scan# 3029
Delta R.T. 0.000 min
Lab File: VN065141.D
Acq: 15 Dec 2020 13:45

Tgt Ion: 131 Resp: 119240
Ion Ratio Lower Upper
131 100
133 97.6 0.0 191.2
119 68.6 0.0 131.6

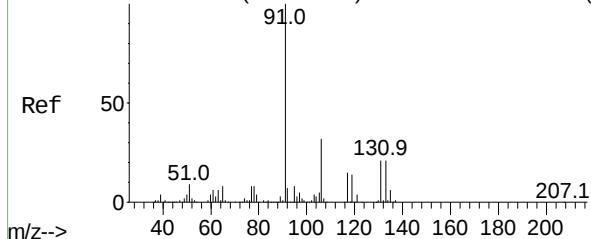
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

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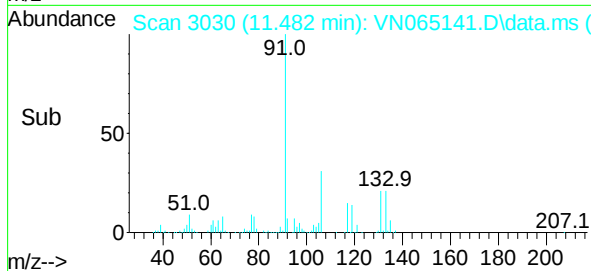
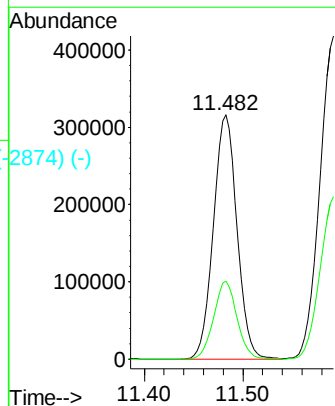
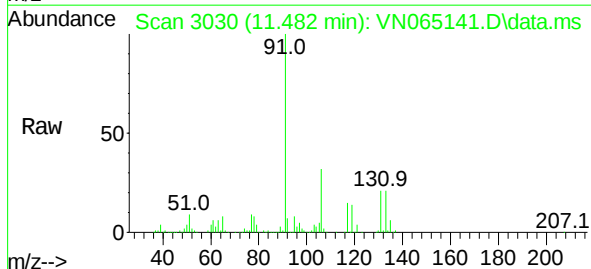


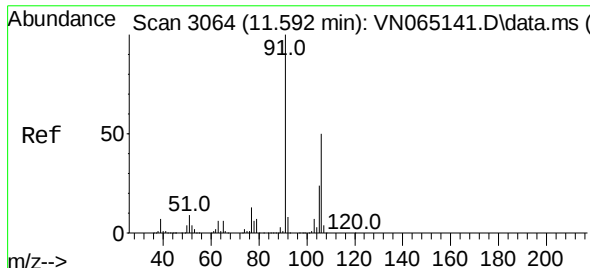
Abundance Scan 3030 (11.482 min): VN065141.D\data.ms (-3030) (-)



Ethyl Benzene
Concen: 16.85 ug/l
RT: 11.482 min Scan# 3030
Delta R.T. 0.000 min
Lab File: VN065141.D
Acq: 15 Dec 2020 13:45

Tgt Ion: 91 Resp: 528818
Ion Ratio Lower Upper
91 100
106 31.9 23.9 35.9





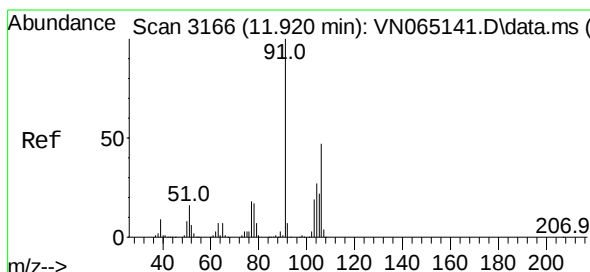
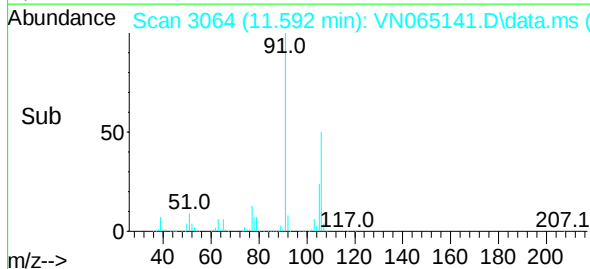
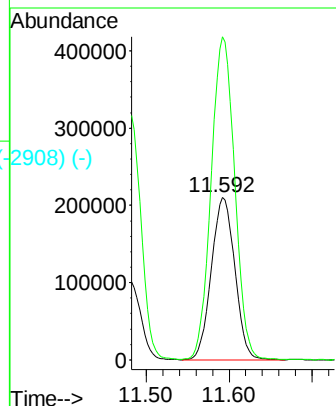
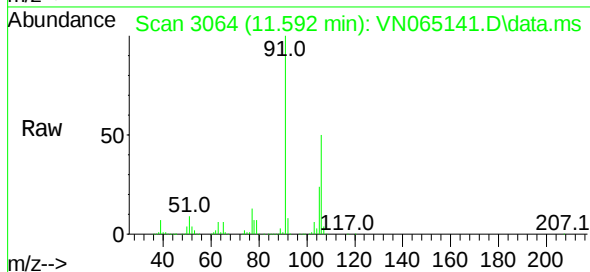
m/p-Xylenes
Concen: 35.37 ug/l
RT: 11.592 min Scan# 3064
Delta R.T. 0.000 min
Lab File: VN065141.D
Acq: 15 Dec 2020 13:45

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC020

Tgt Ion:106 Resp: 412268
Ion Ratio Lower Upper
106 100
91 198.3 168.8 253.2

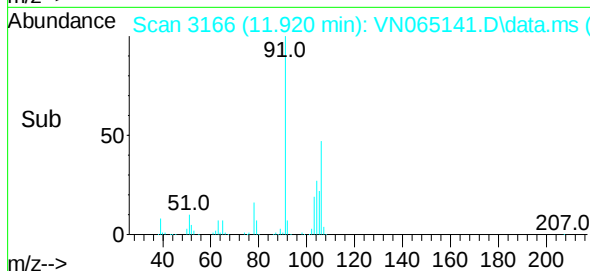
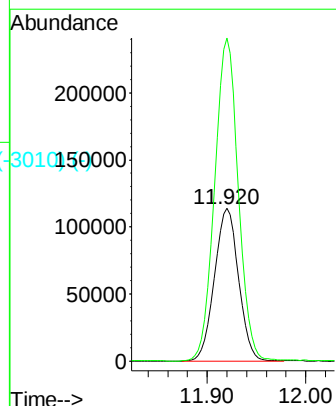
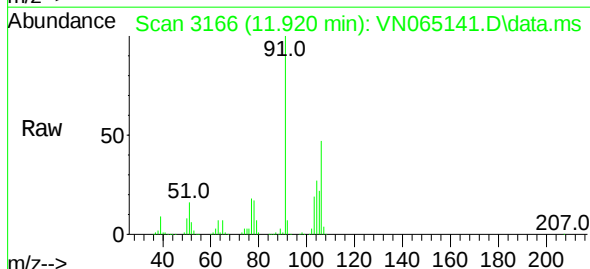
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o-Xylene
Concen: 17.64 ug/l
RT: 11.920 min Scan# 3166
Delta R.T. 0.000 min
Lab File: VN065141.D
Acq: 15 Dec 2020 13:45

Tgt Ion:106 Resp: 194913
Ion Ratio Lower Upper
106 100
91 207.1 109.7 329.2



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

Styrene
Concen: 16.84 ug/l
RT: 11.936 min Scan# 3171
Delta R.T. 0.000 min
Lab File: VN065141.D
Acq: 15 Dec 2020 13:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Ref 50 78.0 104.1 207.1

m/z-->

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

Raw 50 78.0 104.1 207.1

m/z-->

Abundance Scan 3171 (11.936 min): VN065141.D\data.ms (-3015) (-)

Sub 50 78.0 104.1 207.1

m/z-->

Tgt Ion:104 Resp: 317022
Ion Ratio Lower Upper
104 100
78 48.7 44.4 66.6
103 55.3 44.6 67.0

Abundance

11.936

150000

100000

50000

0

Time-->

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

Isopropylbenzene
Concen: 17.72 ug/l
RT: 12.222 min Scan# 3260
Delta R.T. 0.000 min
Lab File: VN065141.D
Acq: 15 Dec 2020 13:45

Ref 50 77.0 105.1 207.0

m/z-->

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

Raw 50 77.0 105.1 207.0

m/z-->

Abundance Scan 3260 (12.222 min): VN065141.D\data.ms (-3104) (-)

Sub 50 77.0 105.1 207.0

m/z-->

Tgt Ion:105 Resp: 512472
Ion Ratio Lower Upper
105 100
120 26.6 17.9 33.3

Abundance

12.222

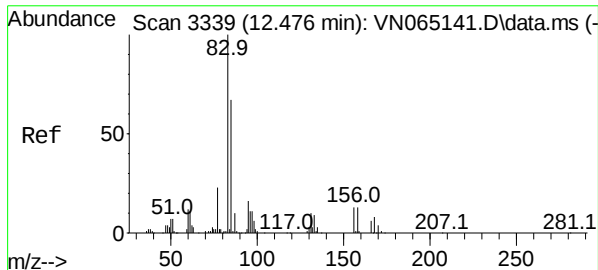
300000

200000

100000

0

Time-->



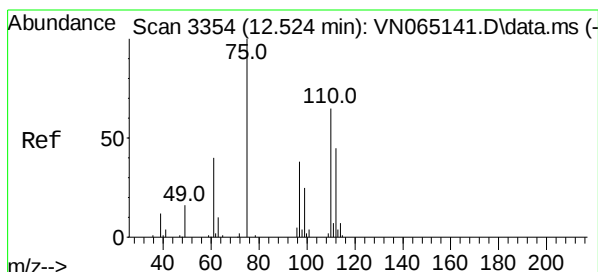
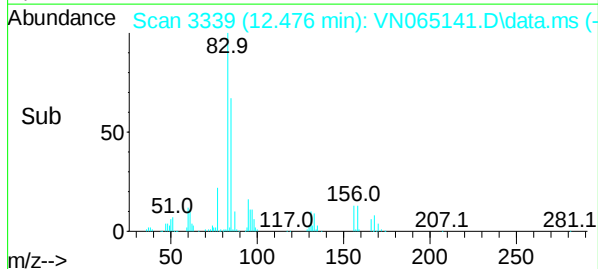
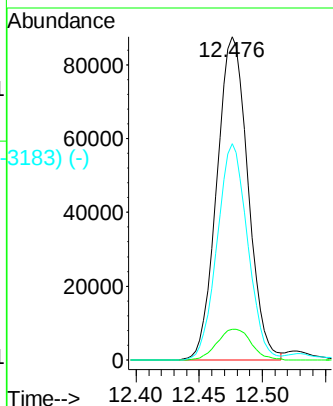
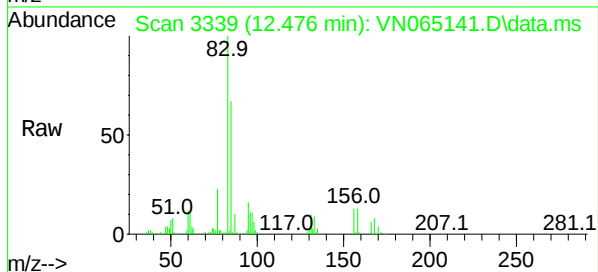
Scan 3339 (12.476 min): VN065141.D\data.ms (-3376) (-)
 1,1,2,2-Tetrachloroethane
 Concen: 16.50 ug/l
 RT: 12.476 min Scan# 3339
 Delta R.T. 0.000 min
 Lab File: VN065141.D
 Acq: 15 Dec 2020 13:45

Tgt Ion:	83	Resp:	150189
Ion	Ratio	Lower	Upper
83	100		
131	10.4	4.6	13.8
85	65.5	31.4	94.0

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

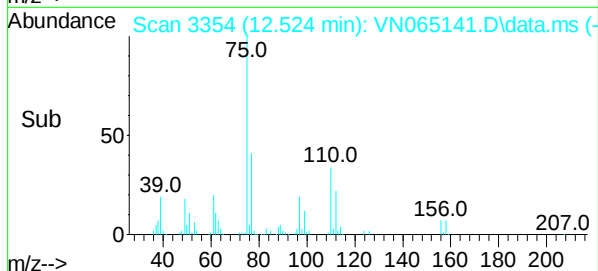
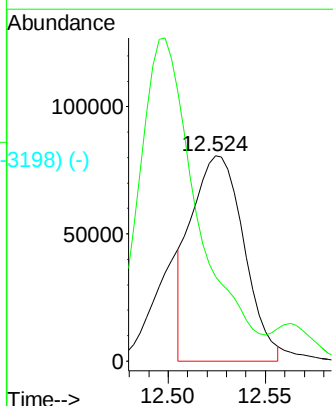
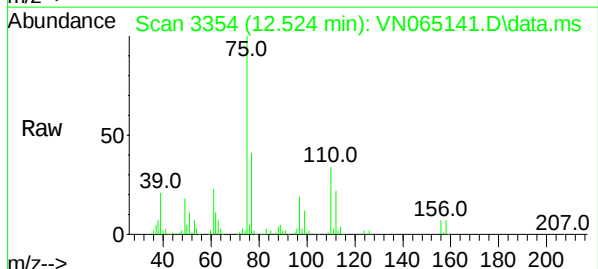
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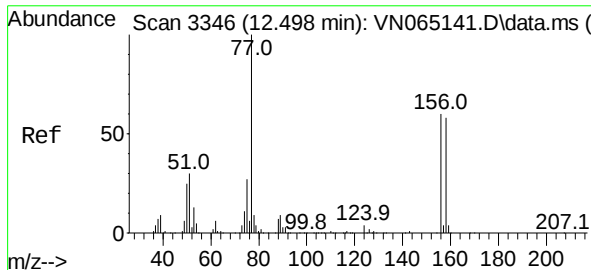
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Scan 3354 (12.524 min): VN065141.D\data.ms (-3379) (-)
 1,2,3-Trichloropropane
 Concen: 16.67 ug/l m
 RT: 12.524 min Scan# 3354
 Delta R.T. 0.000 min
 Lab File: VN065141.D
 Acq: 15 Dec 2020 13:45

Tgt Ion:	75	Resp:	151425
Ion	Ratio	Lower	Upper
75	100		
77	176.5	0.0	379.4





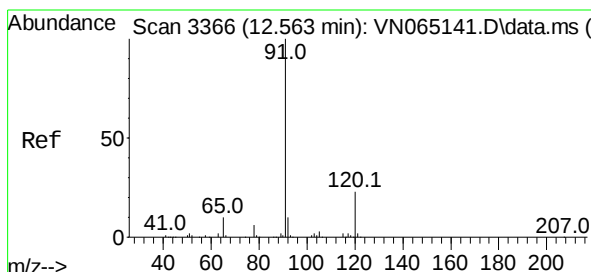
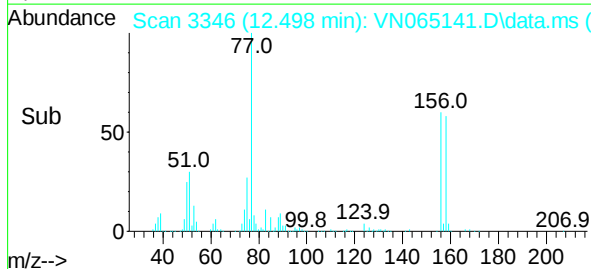
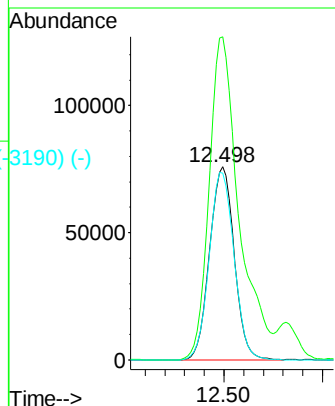
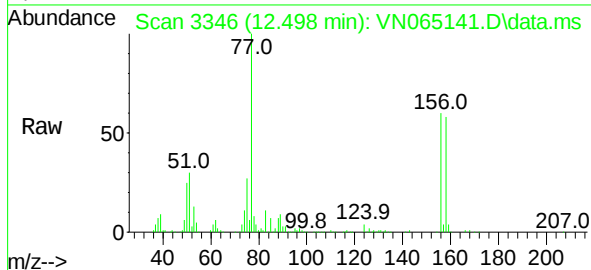
Bromobenzene
Concen: 18.28 ug/l
RT: 12.498 min Scan# 3346
Delta R.T. 0.000 min
Lab File: VN065141.D
Acq: 15 Dec 2020 13:45

Tgt Ion:	156	Resp:	132222
Ion	Ratio	Lower	Upper
156	100		
77	202.1	0.0	480.2
158	98.0	0.0	194.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

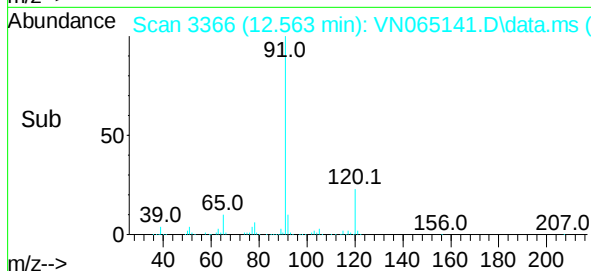
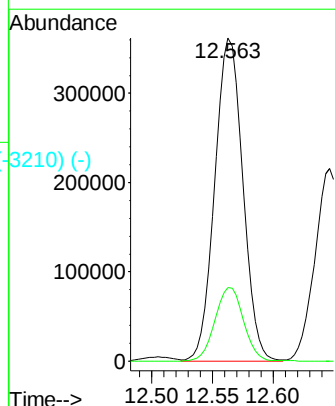
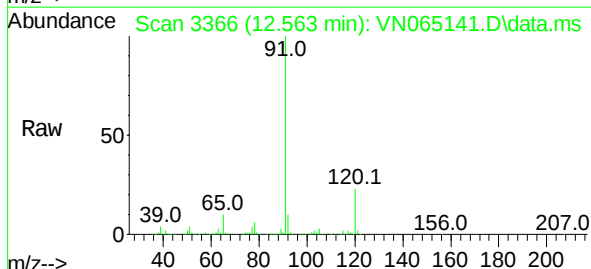
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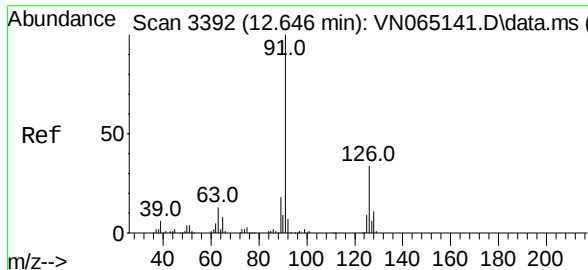
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n-propylbenzene
Concen: 17.13 ug/l
RT: 12.563 min Scan# 3366
Delta R.T. 0.000 min
Lab File: VN065141.D
Acq: 15 Dec 2020 13:45

Tgt Ion:	91	Resp:	579458
Ion	Ratio	Lower	Upper
91	100		
120	23.2	0.0	42.8





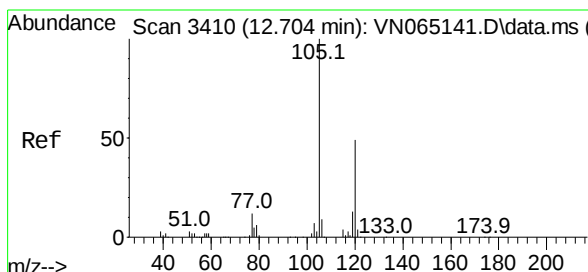
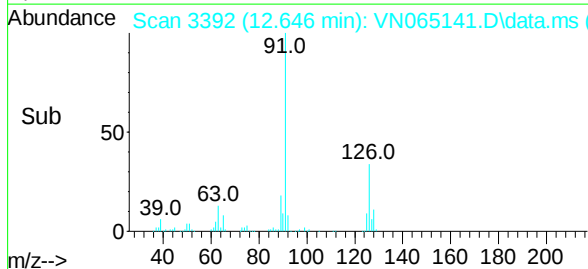
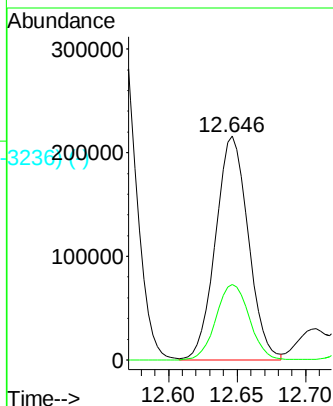
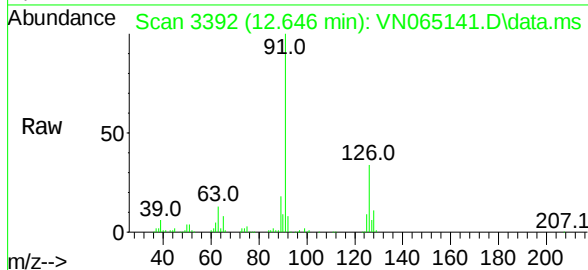
2-Chlorotoluene
Concen: 16.91 ug/l
RT: 12.646 min Scan# 3392
Delta R.T. 0.000 min
Lab File: VN065141.D
Acq: 15 Dec 2020 13:45

Tgt Ion: 91 Resp: 357045
Ion Ratio Lower Upper
91 100
126 34.5 0.0 61.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

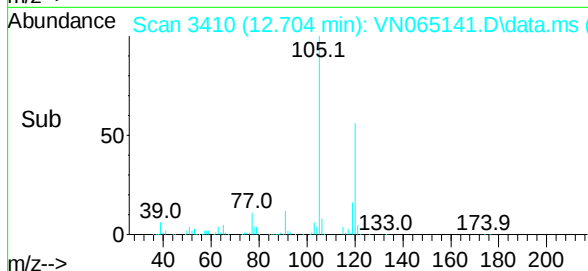
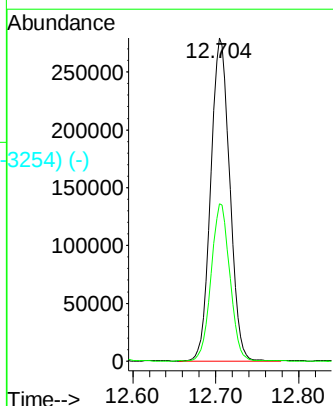
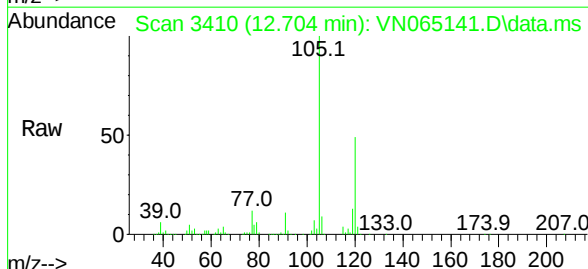
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1,3,5-Trimethylbenzene
Concen: 18.08 ug/l
RT: 12.704 min Scan# 3410
Delta R.T. 0.000 min
Lab File: VN065141.D
Acq: 15 Dec 2020 13:45

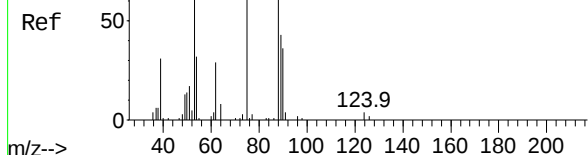
Tgt Ion: 105 Resp: 442446
Ion Ratio Lower Upper
105 100
120 47.9 0.0 90.4



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

t-1,4-Dichloro-2-butene
Concen: 14.63 ug/l
RT: 12.273 min Scan# 3276
Delta R.T. 0.000 min
Lab File: VN065141.D
Acq: 15 Dec 2020 13:45

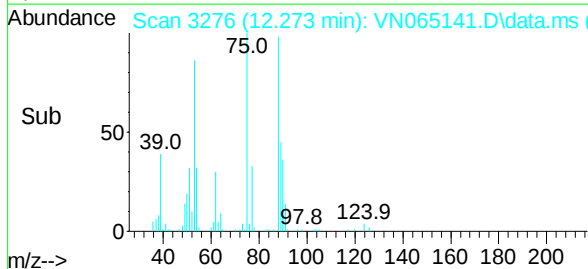
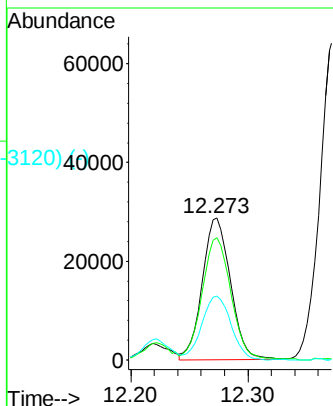
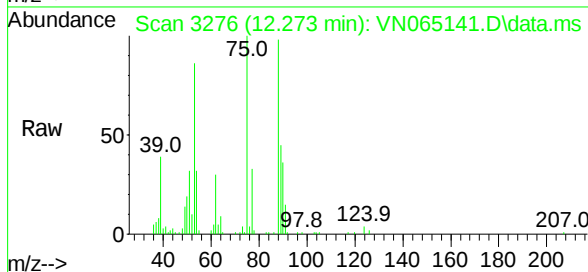
Instrument :
MSVOA_N
ClientSampled :
VSTDICCC020



Tgt Ion: 75 Resp: 47956
Ion Ratio Lower Upper
75 100
53 86.1 50.3 150.9
89 44.9 23.3 69.8

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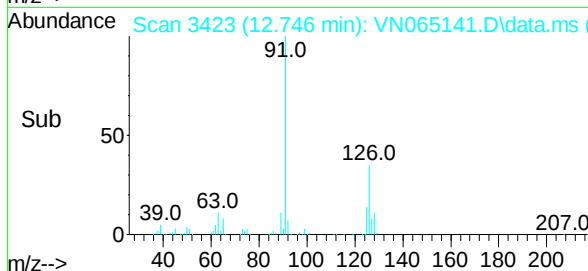
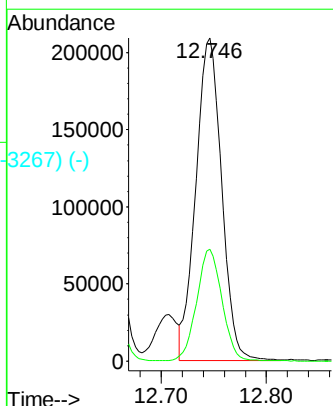
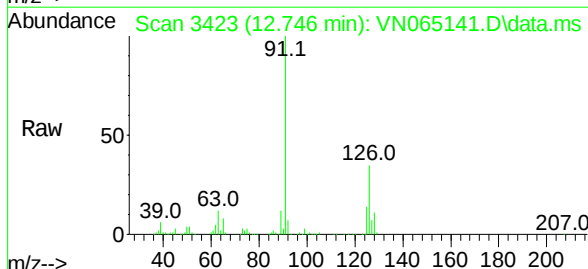
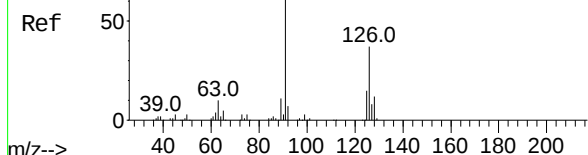
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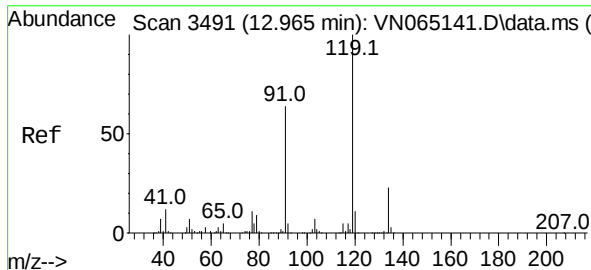


Abundance Scan 3423 (12.746 min): VN065141.D\data.ms (-3423) (-)

4-Chlorotoluene
Concen: 16.13 ug/l
RT: 12.746 min Scan# 3423
Delta R.T. 0.000 min
Lab File: VN065141.D
Acq: 15 Dec 2020 13:45

Tgt Ion: 91 Resp: 355446
Ion Ratio Lower Upper
91 100
126 33.8 0.0 61.8





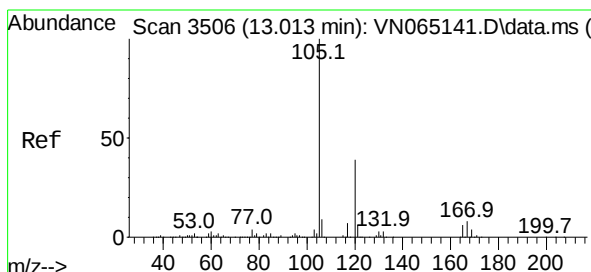
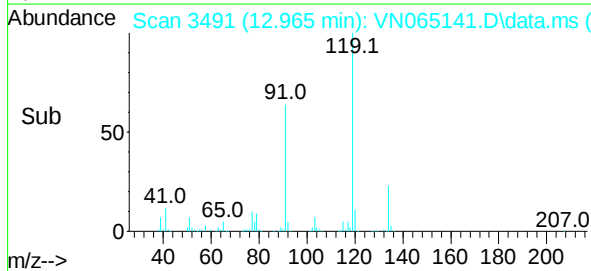
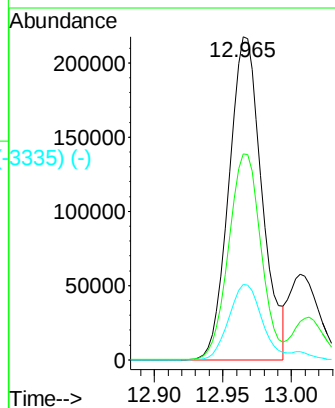
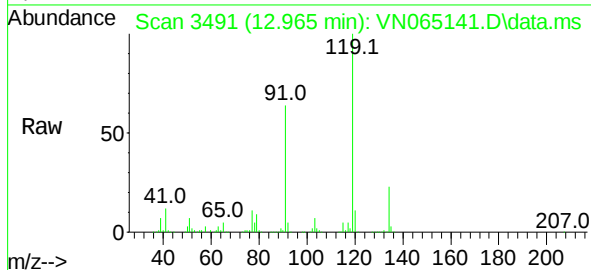
Scan 3491 (12.965 min): VN065141.D\data.ms (-3479) (-)
 tert-butylbenzene
 Concen: 18.60 ug/l
 RT: 12.965 min Scan# 3491
 Delta R.T. 0.000 min
 Lab File: VN065141.D
 Acq: 15 Dec 2020 13:45

Tgt Ion:	119	Resp:	363492
Ion	Ratio	Lower	Upper
119	100		
91	62.7	0.0	147.8
134	23.6	0.0	50.6

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

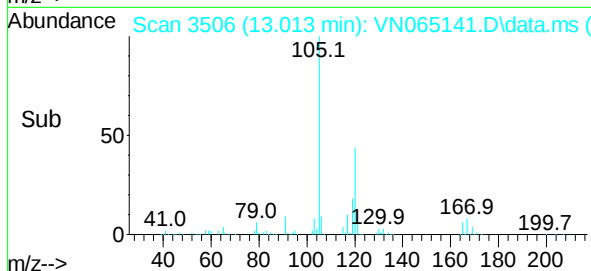
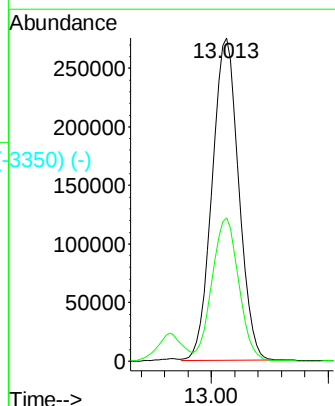
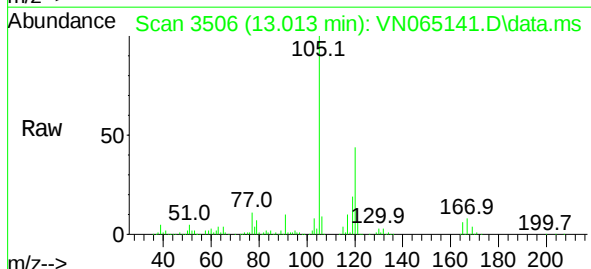
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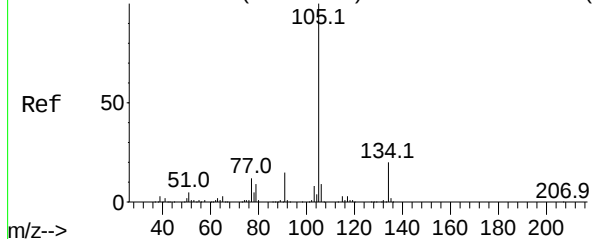


Scan 3506 (13.013 min): VN065141.D\data.ms (-3484) (-)
 1,2,4-Trimethylbenzene
 Concen: 17.69 ug/l
 RT: 13.013 min Scan# 3506
 Delta R.T. 0.000 min
 Lab File: VN065141.D
 Acq: 15 Dec 2020 13:45

Tgt Ion:	105	Resp:	436003
Ion	Ratio	Lower	Upper
105	100		
120	44.8	0.0	88.6



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



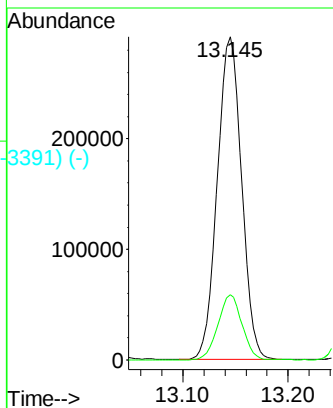
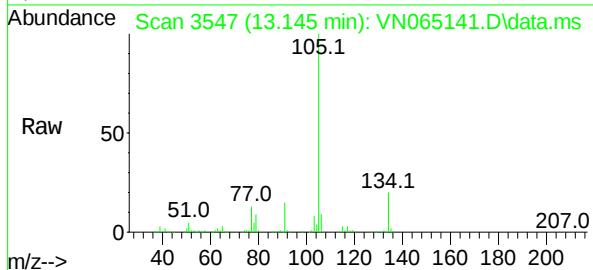
sec-Butylbenzene
Concen: 18.30 ug/l
RT: 13.145 min Scan# 3547
Delta R.T. 0.000 min
Lab File: VN065141.D
Acq: 15 Dec 2020 13:45

Tgt Ion:105 Resp: 468370
Ion Ratio Lower Upper
105 100
134 20.0 0.0 37.8

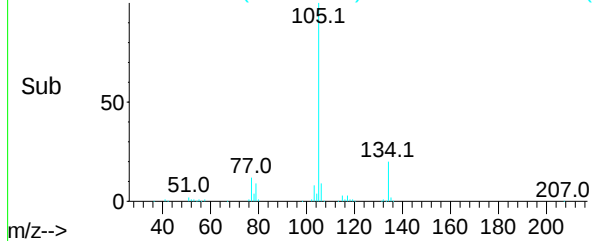
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

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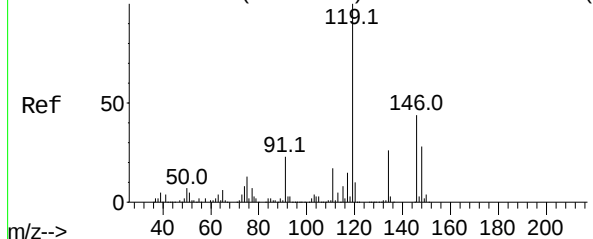
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Abundance Scan 3547 (13.145 min): VN065141.D\data.ms (-3391) (-)

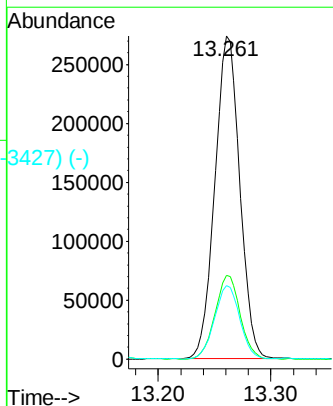
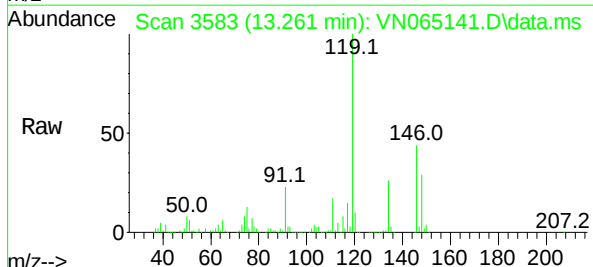


Abundance Scan 3583 (13.261 min): VN065141.D\data.ms (-3582) (-)

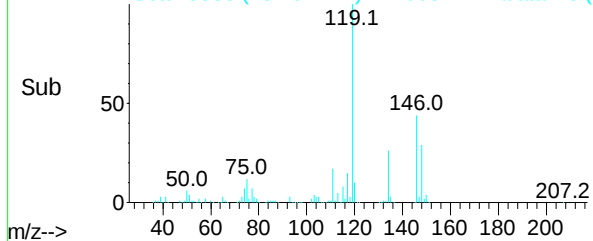


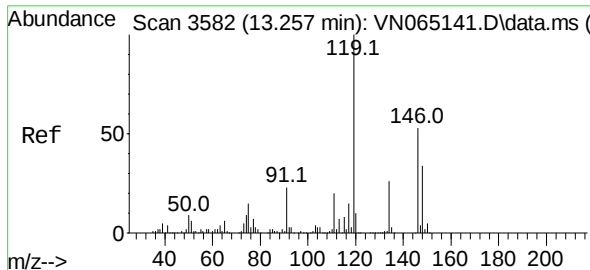
p-Isopropyltoluene
Concen: 18.37 ug/l
RT: 13.261 min Scan# 3583
Delta R.T. 0.000 min
Lab File: VN065141.D
Acq: 15 Dec 2020 13:45

Tgt Ion:119 Resp: 421661
Ion Ratio Lower Upper
119 100
134 26.2 0.0 53.0
91 23.1 0.0 53.2



Abundance Scan 3583 (13.261 min): VN065141.D\data.ms (-3427) (-)





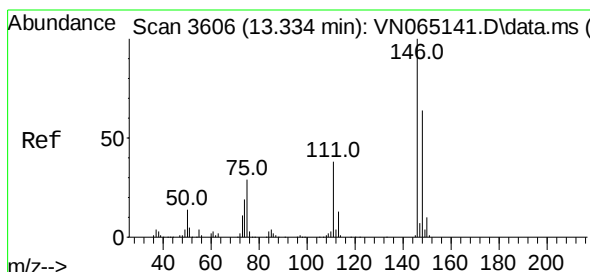
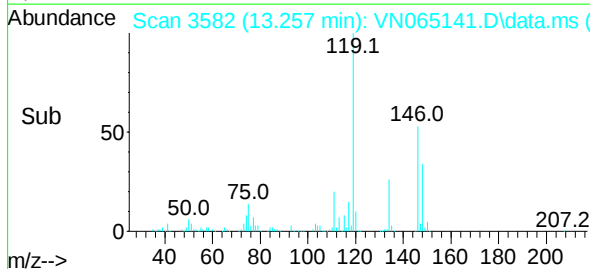
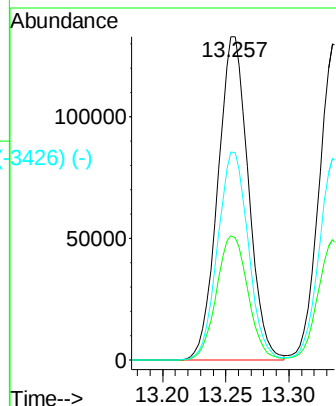
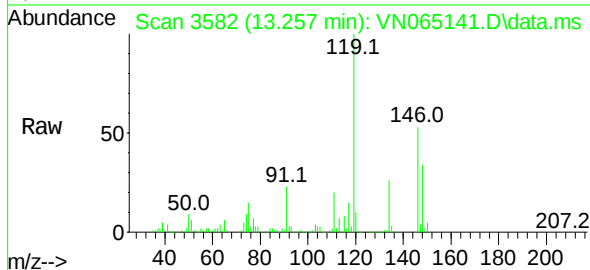
1,3-Dichlorobenzene
Concen: 17.70 ug/l
RT: 13.257 min Scan# 3582
Delta R.T. 0.000 min
Lab File: VN065141.D
Acq: 15 Dec 2020 13:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:146 Resp: 223929
Ion Ratio Lower Upper
146 100
111 39.4 22.3 66.9
148 64.4 31.8 95.3

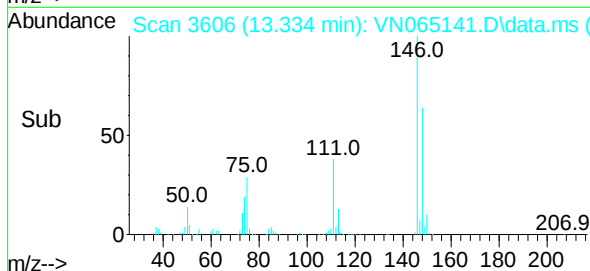
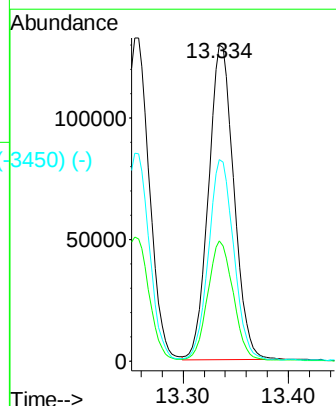
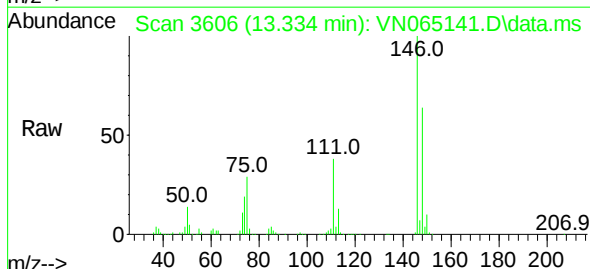
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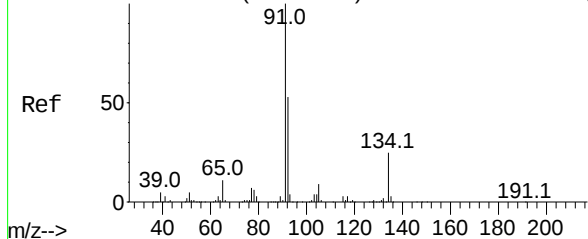


1,4-Dichlorobenzene
Concen: 17.30 ug/l
RT: 13.334 min Scan# 3606
Delta R.T. 0.000 min
Lab File: VN065141.D
Acq: 15 Dec 2020 13:45

Tgt Ion:146 Resp: 217220
Ion Ratio Lower Upper
146 100
111 38.8 21.8 65.4
148 64.4 31.5 94.5



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



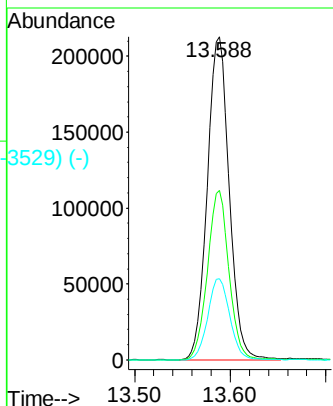
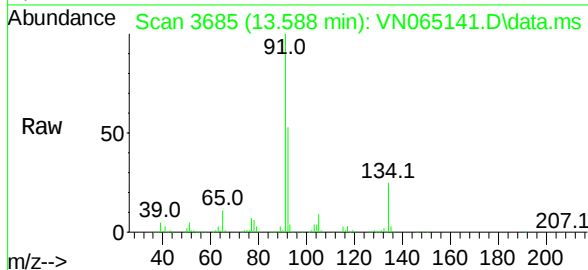
n-Butylbenzene
Concen: 17.12 ug/l
RT: 13.588 min Scan# 3685
Delta R.T. 0.000 min
Lab File: VN065141.D
Acq: 15 Dec 2020 13:45

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC020

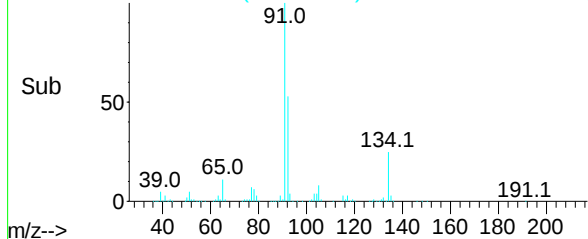
Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.5	0.0	101.4
134	25.1	0.0	45.2

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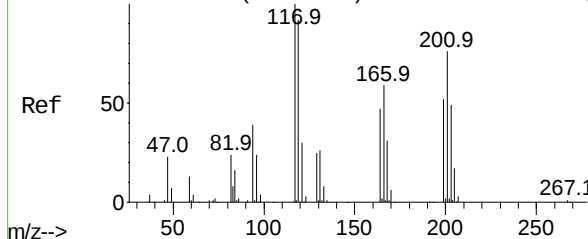
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Abundance Scan 3685 (13.588 min): VN065141.D\data.ms (-3529) (-)

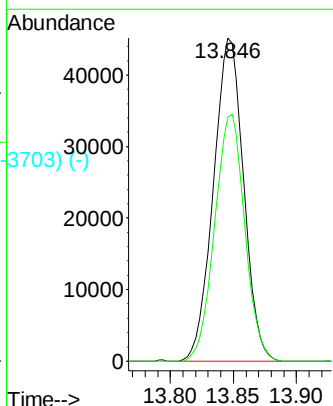
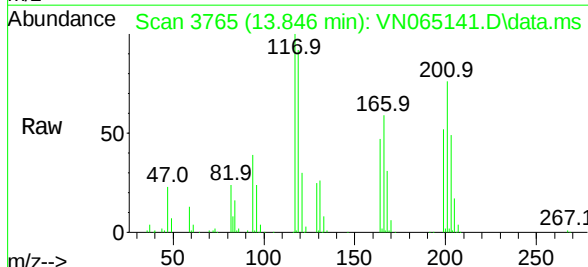


Abundance Scan 3765 (13.846 min): VN065141.D\data.ms (-3765) (-)

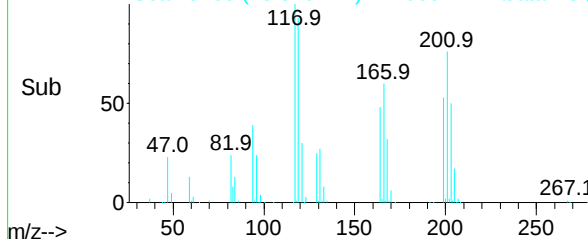


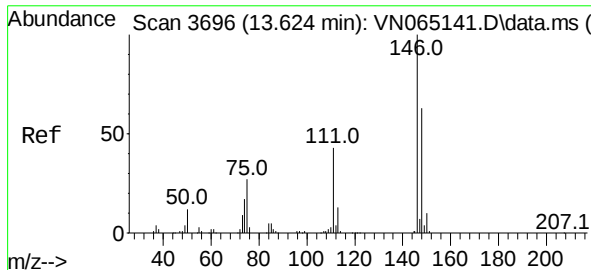
Hexachloroethane
Concen: 16.77 ug/l
RT: 13.846 min Scan# 3765
Delta R.T. 0.000 min
Lab File: VN065141.D
Acq: 15 Dec 2020 13:45

Tgt Ion	Ratio	Lower	Upper
117	100		
201	76.2	33.1	99.3



Abundance Scan 3765 (13.846 min): VN065141.D\data.ms (-3703) (-)





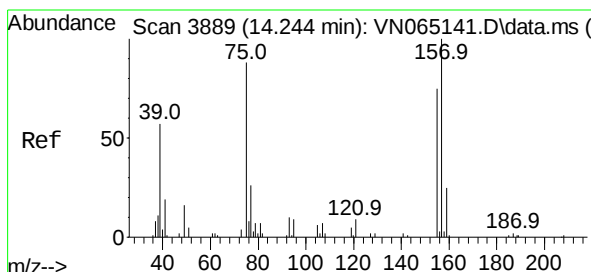
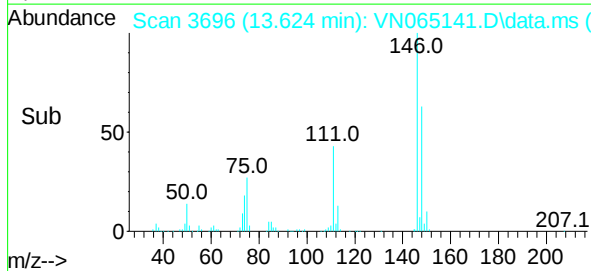
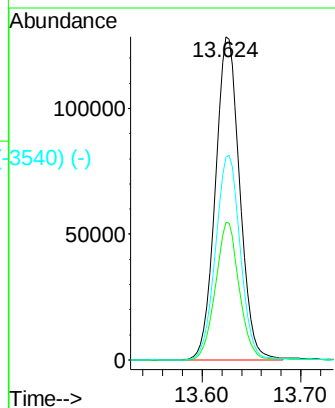
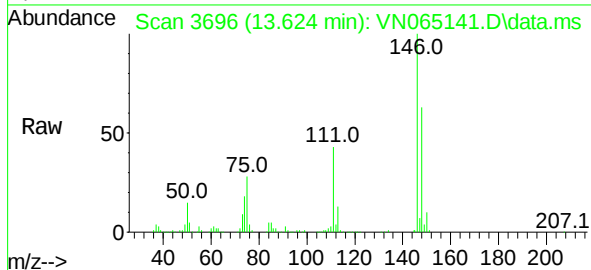
1,2-Dichlorobenzene
Concen: 17.97 ug/l
RT: 13.624 min Scan# 3696
Delta R.T. 0.000 min
Lab File: VN065141.D
Acq: 15 Dec 2020 13:45

Tgt Ion:	146	Resp:	222131
Ion	Ratio	Lower	Upper
146	100		
111	41.4	23.1	69.2
148	64.6	32.6	97.8

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC020

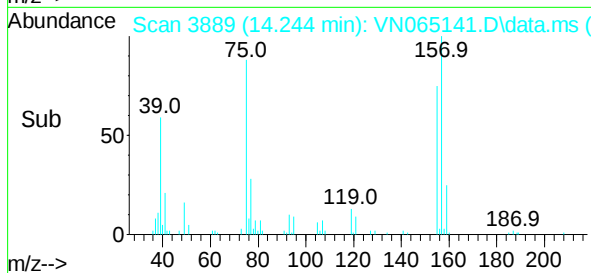
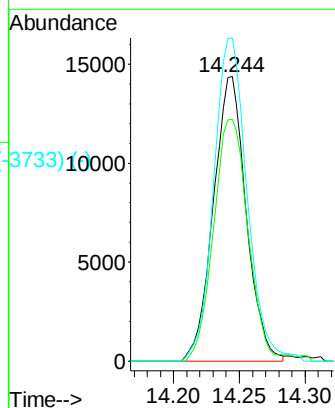
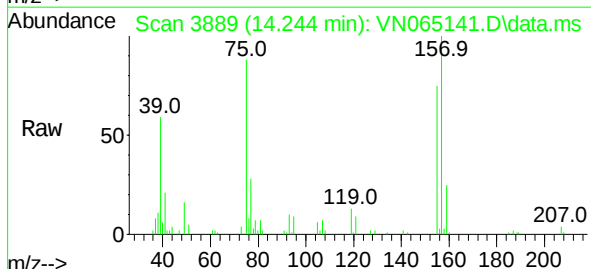
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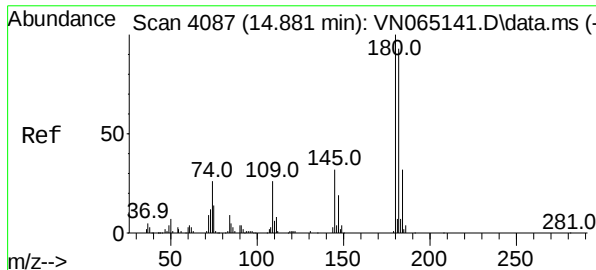
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1,2-Dibromo-3-Chloropropane
Concen: 13.05 ug/l
RT: 14.244 min Scan# 3889
Delta R.T. 0.000 min
Lab File: VN065141.D
Acq: 15 Dec 2020 13:45

Tgt Ion:	75	Resp:	24837
Ion	Ratio	Lower	Upper
75	100		
155	88.6	56.5	84.7#
157	115.6	69.7	104.5#





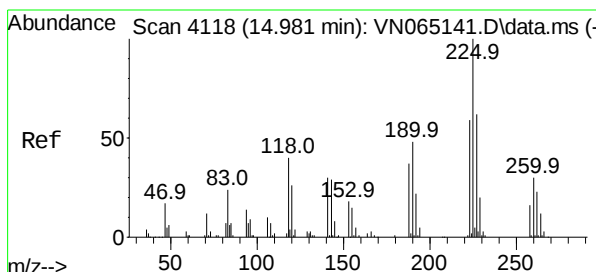
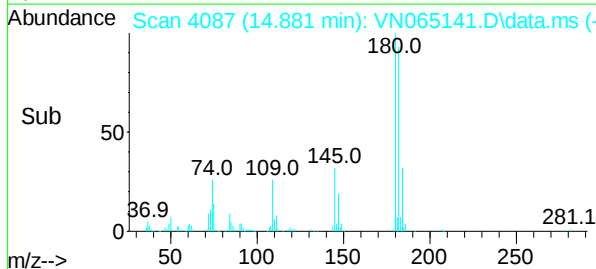
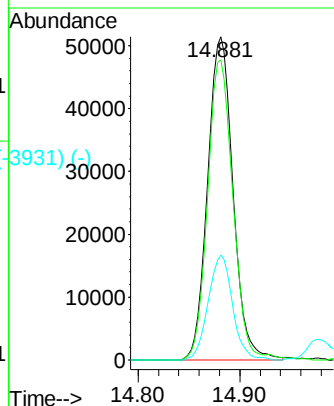
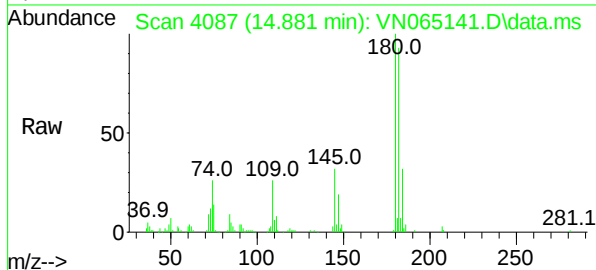
1,2,4-Trichlorobenzene
Concen: 15.92 ug/l
RT: 14.881 min Scan# 4087
Delta R.T. 0.000 min
Lab File: VN065141.D
Acq: 15 Dec 2020 13:45

Tgt Ion:180 Resp: 88986
Ion Ratio Lower Upper
180 100
182 91.7 79.4 119.0
145 31.1 27.6 41.4

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC020

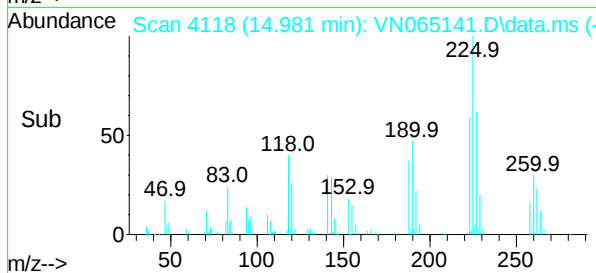
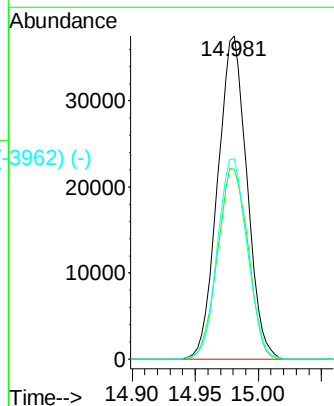
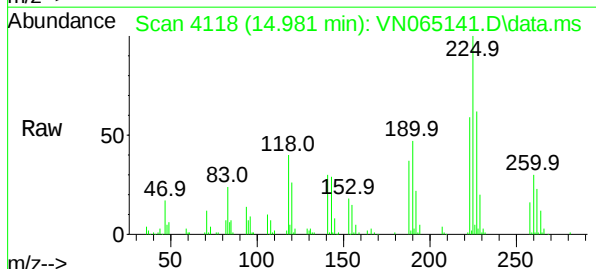
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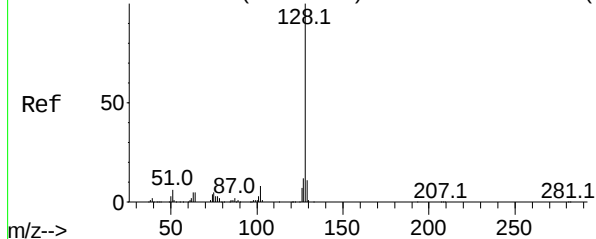


Hexachlorobutadiene
Concen: 20.95 ug/l
RT: 14.981 min Scan# 4118
Delta R.T. 0.000 min
Lab File: VN065141.D
Acq: 15 Dec 2020 13:45

Tgt Ion:225 Resp: 60557
Ion Ratio Lower Upper
225 100
223 61.5 0.0 125.4
227 63.3 0.0 122.0



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



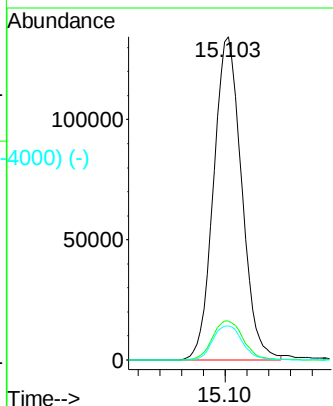
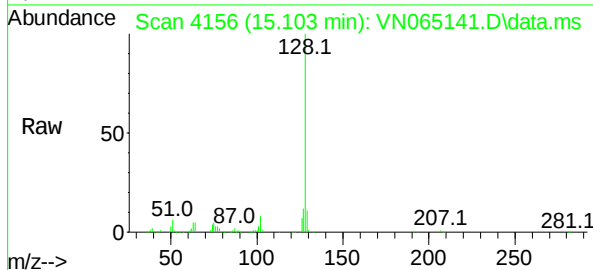
Naphthalene
Concen: 13.30 ug/l
RT: 15.103 min Scan# 4156
Delta R.T. 0.000 min
Lab File: VN065141.D
Acq: 15 Dec 2020 13:45

Tgt Ion:	128	Resp:	240093
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.2	15.4
129	11.1	8.5	12.7

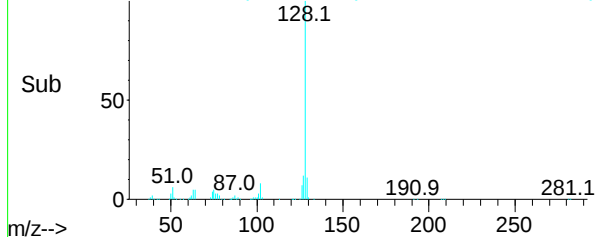
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations
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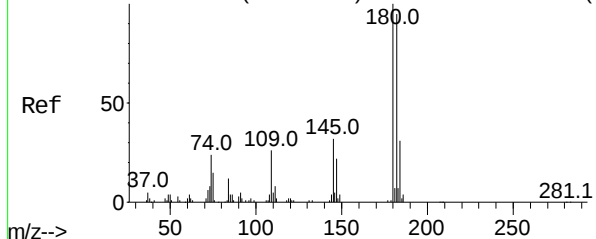
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12/16/2020 1:47:23 PM



Abundance Scan 4156 (15.103 min): VN065141.D\data.ms (-4000) (-)

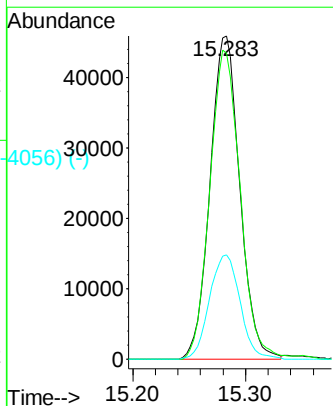
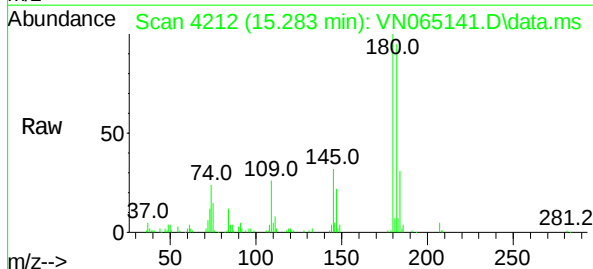


Abundance Scan 4212 (15.283 min): VN065141.D\data.ms (-4192) (-)



1,2,3-Trichlorobenzene
Concen: 15.08 ug/l
RT: 15.283 min Scan# 4212
Delta R.T. 0.000 min
Lab File: VN065141.D
Acq: 15 Dec 2020 13:45

Tgt Ion:	180	Resp:	83874
Ion Ratio	Lower	Upper	
180	100		
182	97.8	0.0	186.0
145	33.2	0.0	69.6



Abundance Scan 4212 (15.283 min): VN065141.D\data.ms (-4056) (-)

