

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121520\
 Data File : VN065148.D
 Acq On : 15 Dec 2020 17:48
 Operator : JC/MD
 Sample : VN1215WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1215WBS01

Manual Integrations
 APPROVED

MMDadoda
 12/16/2020 1:47:34 PM

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

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

Internal Standards						
1) Bromochloromethane	7.145	128	102605	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.547	114	543081	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.376	117	497778	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.984	65	213003	30.33	ug/l	0.00
Spiked Amount	30.000	Range 91 - 110	Recovery	=	101.10%	
60) 4-Bromofluorobenzene	12.373	95	231754	29.63	ug/l	0.00
Spiked Amount	30.000	Range 63 - 112	Recovery	=	98.77%	
63) Toluene-d8	10.058	98	687921	28.63	ug/l	0.00
Spiked Amount	30.000	Range 91 - 112	Recovery	=	95.43%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.833	85	111445	19.16	ug/l	99
3) Chloromethane	2.036	50	133468	19.92	ug/l	95
4) Vinyl Chloride	2.164	62	144148	19.53	ug/l	97
5) Bromomethane	2.534	94	97067	18.73	ug/l	97
6) Chloroethane	2.676	64	84481	19.20	ug/l	99
7) Trichlorofluoromethane	2.984	101	205887	18.85	ug/l	97
8) Diethyl Ether	3.377	74	69178	19.83	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.721	101	117323	20.81	ug/l	47
10) 1,1-Dichloroethene	3.695	96	111049	20.31	ug/l	85
11) Methyl Iodide	3.910	142	144097	18.96	ug/l	92
12) Methyl Acetate	4.277	43	99646	20.02	ug/l	96
13) Acrolein	3.566	56	63480	90.17	ug/l	97
14) Acrylonitrile	4.930	53	246476	101.04	ug/l #	86
15) Acetone	3.772	58	80612	105.26	ug/l	68
16) Carbon Disulfide	4.013	76	316769	19.69	ug/l	97
17) Allyl chloride	4.277	41	164195	20.73	ug/l	89
18) Methylene Chloride	4.499	84	129400	20.11	ug/l	90
19) trans-1,2-Dichloroethene	4.991	96	119422	20.10	ug/l	91
20) Diisopropyl ether	5.897	45	359772	18.41	ug/l #	95
21) 1,1-Dichloroethane	5.794	63	219303	18.60	ug/l	98
22) cis-1,2-Dichloroethene	6.775	96	131960	19.71	ug/l #	75
23) tert-Butyl Alcohol	4.724	59	77441	98.19	ug/l #	100
24) Methyl tert-Butyl Ether	4.987	73	333043m	20.10	ug/l	
25) Chloroform	7.325	83	225075	20.20	ug/l	97
26) Cyclohexane	7.611	56	174936	20.31	ug/l #	95
29) 1,1-Dichloropropene	7.749	75	162833	19.05	ug/l	97
30) 2-Butanone	6.782	43	321565	97.25	ug/l #	74
31) 2,2-Dichloropropane	6.772	77	184064	19.45	ug/l	95
32) 1,1,1-Trichloroethane	7.527	97	195294	19.22	ug/l	95
33) Carbon Tetrachloride	7.730	117	173184	18.87	ug/l	98
34) Benzene	8.000	78	497656	19.26	ug/l #	93
35) Methacrylonitrile	7.138	41	73115m	22.60	ug/l	
36) 1,2-Dichloroethane	8.084	62	166593	18.82	ug/l #	92
37) Trichloroethene	8.798	130	134848	19.13	ug/l	91
38) Methylcyclohexane	9.045	83	178980	17.56	ug/l	93
39) 1,2-Dichloropropane	9.080	63	126924	18.29	ug/l	96
40) Dibromomethane	9.170	93	86649	17.81	ug/l	91
41) Bromodichloromethane	9.367	83	173040	17.50	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121520\
 Data File : VN065148.D
 Acq On : 15 Dec 2020 17:48
 Operator : JC/MD
 Sample : VN1215WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1215WBS01

Manual Integrations
 APPROVED

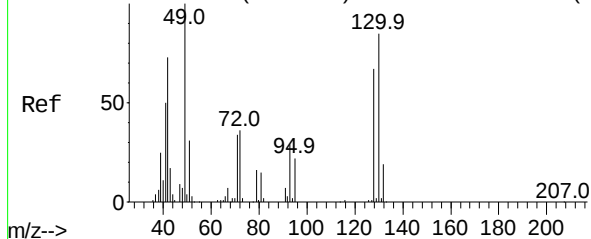
MMDadoda
 12/16/2020 1:47:34 PM

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Vinyl Acetate	5.839	43	1403322m	89.03	ug/l	
43) Ethyl Acetate	6.881	43	139866	20.52	ug/l	95
44) Isopropyl Acetate	8.122	43	221860	19.45	ug/l #	89
45) 1,4-Dioxane	9.164	88	38998	376.26	ug/l #	87
46) Methyl methacrylate	9.164	41	97696	16.84	ug/l	81
47) n-amyl Acetate	12.042	43	172506	18.30	ug/l	95
48) t-1,3-Dichloropropene	10.351	75	178531	18.48	ug/l	96
49) cis-1,3-Dichloropropene	9.807	75	198758	18.11	ug/l #	87
50) 1,1,2-Trichloroethane	10.531	97	120450	19.08	ug/l	94
51) Ethyl methacrylate	10.399	69	154181	18.24	ug/l	84
52) 1,3-Dichloropropane	10.675	76	199979	19.10	ug/l	99
53) Dibromochloromethane	10.868	129	134646	18.41	ug/l	97
54) 1,2-Dibromoethane	10.974	107	122051	18.53	ug/l	98
55) 2-Chloroethyl vinyl ether	9.662	63	379467	88.64	ug/l	96
56) Bromoform	12.100	173	89038	17.90	ug/l #	98
58) 4-Methyl-2-Pentanone	9.949	43	651131	89.78	ug/l #	91
59) 2-Hexanone	10.720	43	468037	97.20	ug/l	91
61) Tetrachloroethene	10.601	164	143057	19.76	ug/l	93
62) Toluene	10.122	91	535370	19.41	ug/l	99
64) Chlorobenzene	11.402	112	322971	18.79	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.479	131	124405	19.07	ug/l	99
66) Ethyl Benzene	11.482	91	555381	19.00	ug/l	98
67) m/p-Xylenes	11.592	106	427688	37.57	ug/l	95
68) o-Xylene	11.920	106	202212	18.79	ug/l	96
69) Styrene	11.936	104	330975	18.49	ug/l	96
70) Isopropylbenzene	12.222	105	537800	19.13	ug/l	97
71) 1,1,2,2-Tetrachloroethane	12.476	83	151860	18.64	ug/l	97
72) 1,2,3-Trichloropropane	12.524	75	145191m	18.61	ug/l	
73) Bromobenzene	12.498	156	134058	18.36	ug/l	85
74) n-propylbenzene	12.563	91	611098	19.05	ug/l	96
75) 2-Chlorotoluene	12.646	91	369441	18.93	ug/l	92
76) 1,3,5-Trimethylbenzene	12.707	105	452883	18.67	ug/l	94
77) t-1,4-Dichloro-2-butene	12.273	75	50660	18.38	ug/l	88
78) 4-Chlorotoluene	12.746	91	378526	19.00	ug/l	95
79) tert-butylbenzene	12.968	119	377223	18.53	ug/l	90
80) 1,2,4-Trimethylbenzene	13.013	105	452976	18.83	ug/l	98
81) sec-Butylbenzene	13.145	105	493698	18.69	ug/l	98
82) p-Isopropyltoluene	13.260	119	454227	18.30	ug/l	96
83) 1,3-Dichlorobenzene	13.254	146	231692	17.82	ug/l	96
84) 1,4-Dichlorobenzene	13.334	146	223452	16.41	ug/l	97
85) n-Butylbenzene	13.588	91	362440	16.54	ug/l	98
86) Hexachloroethane	13.846	117	77008	16.14	ug/l	90
87) 1,2-Dichlorobenzene	13.627	146	221742	16.43	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.241	75	27086	17.05	ug/l	88
89) 1,2,4-Trichlorobenzene	14.881	180	87307	14.37	ug/l	97
90) Hexachlorobutadiene	14.981	225	59833	15.60	ug/l	97
91) Naphthalene	15.103	128	240463	14.03	ug/l	100
92) 1,2,3-Trichlorobenzene	15.280	180	85392	14.92	ug/l	99

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

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



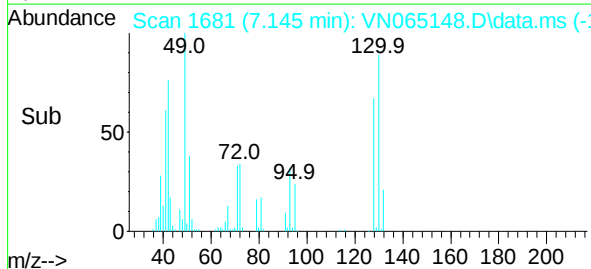
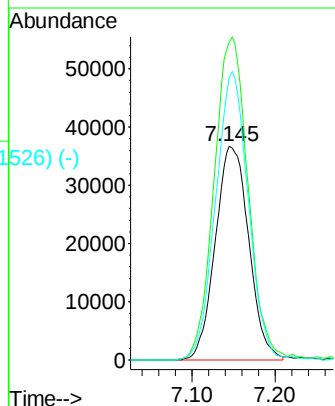
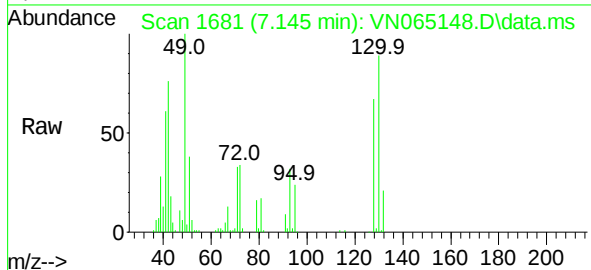
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.145 min Scan# 1681
Delta R.T. -0.003 min
Lab File: VN065148.D
Acq: 15 Dec 2020 17:48

Tgt Ion	Ratio	Lower	Upper
128	100		
49	152.3	0.0	475.5
130	131.3	0.0	315.3

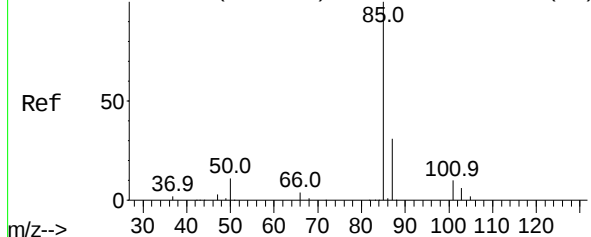
Instrument :
MSVOA_N
ClientSampleId :
VN1215WBS01

Manual Integrations
APPROVED

MMDadoda
12/16/2020 1:47:34 PM

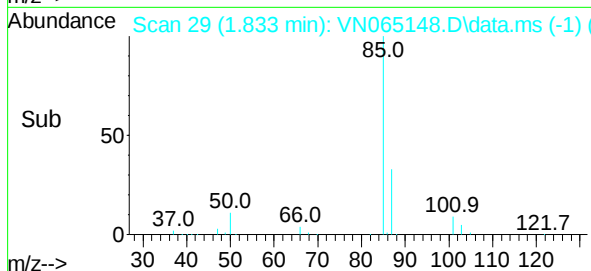
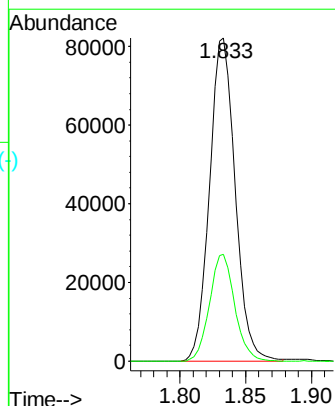
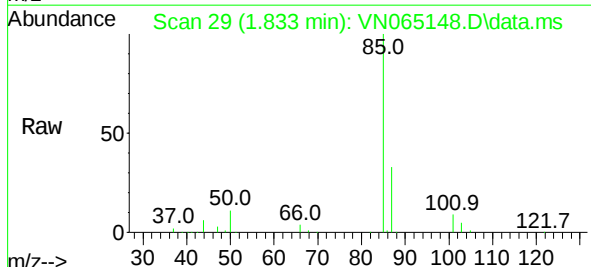


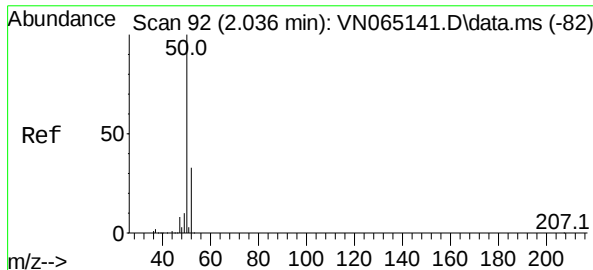
Abundance Scan 29 (1.833 min): VN065141.D\data.ms (-19) (#2)



Dichlorodifluoromethane
Concen: 19.16 ug/l
RT: 1.833 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN065148.D
Acq: 15 Dec 2020 17:48

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.1	17.0	50.9





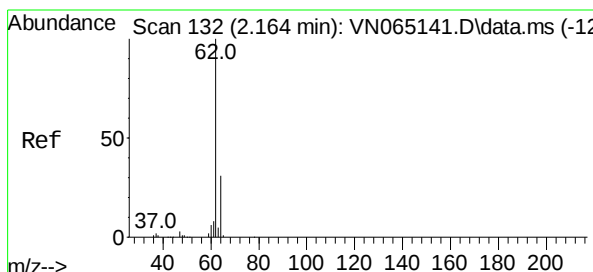
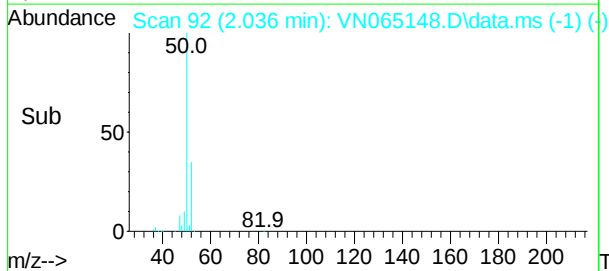
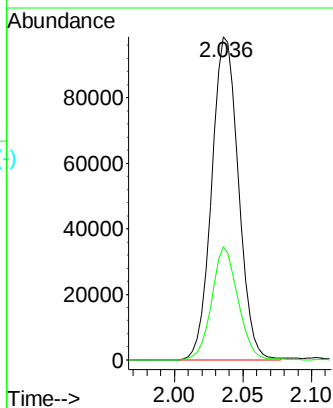
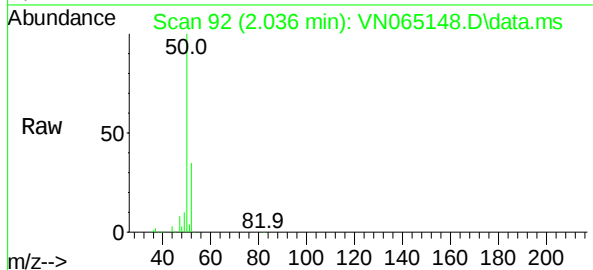
Chloromethane
Concen: 19.92 ug/l
RT: 2.036 min Scan# 92
Delta R.T. -0.000 min
Lab File: VN065148.D
Acq: 15 Dec 2020 17:48

Tgt Ion: 50 Resp: 133468
Ion Ratio Lower Upper
50 100
52 35.1 26.0 39.0

Instrument :
MSVOA_N
ClientSampleId :
VN1215WBS01

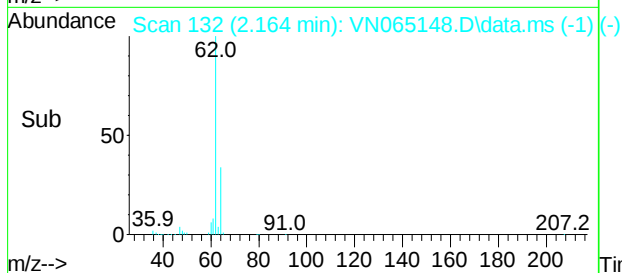
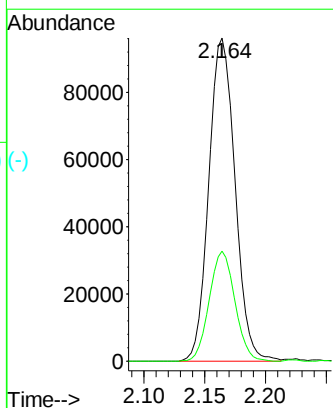
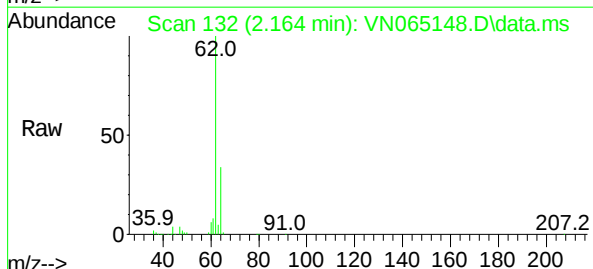
Manual Integrations
APPROVED

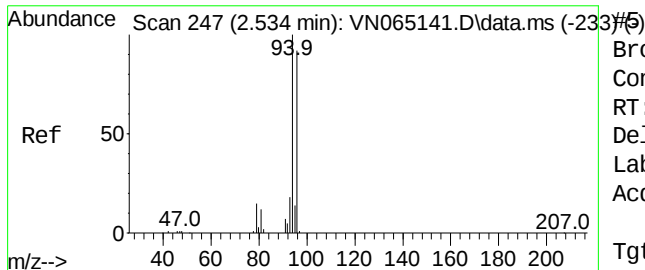
MMDadoda
12/16/2020 1:47:34 PM



Vinyl Chloride
Concen: 19.53 ug/l
RT: 2.164 min Scan# 132
Delta R.T. -0.000 min
Lab File: VN065148.D
Acq: 15 Dec 2020 17:48

Tgt Ion: 62 Resp: 144148
Ion Ratio Lower Upper
62 100
64 34.1 25.8 38.8





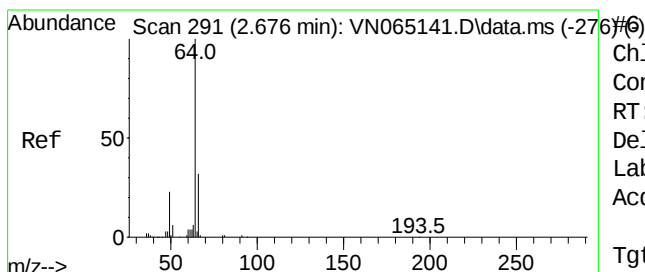
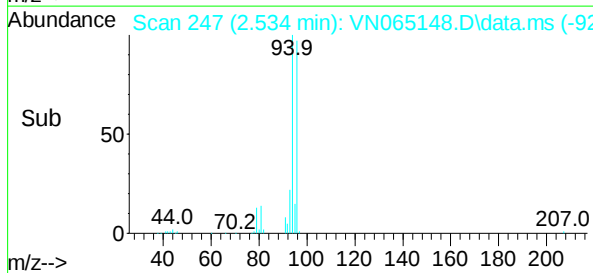
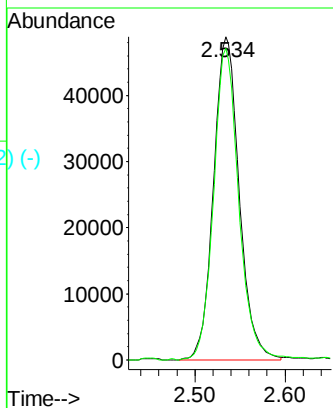
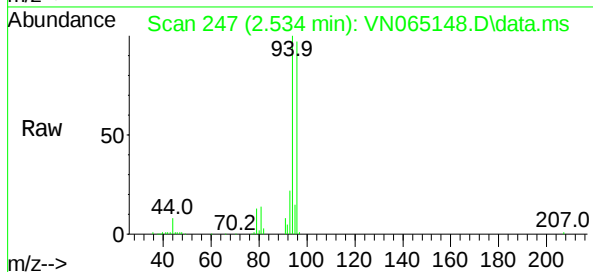
Bromomethane
 Concen: 18.73 ug/l
 RT: 2.534 min Scan# 247
 Delta R.T. -0.000 min
 Lab File: VN065148.D
 Acq: 15 Dec 2020 17:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1215WBS01

Tgt Ion: 94 Resp: 97067
 Ion Ratio Lower Upper
 94 100
 96 96.5 79.3 118.9

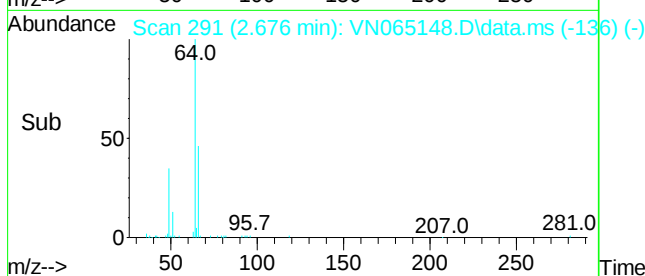
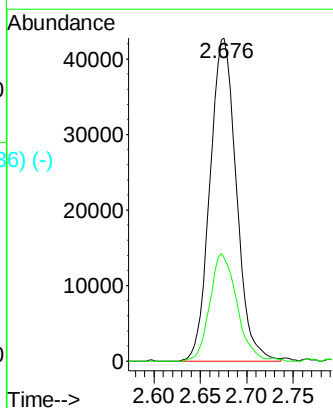
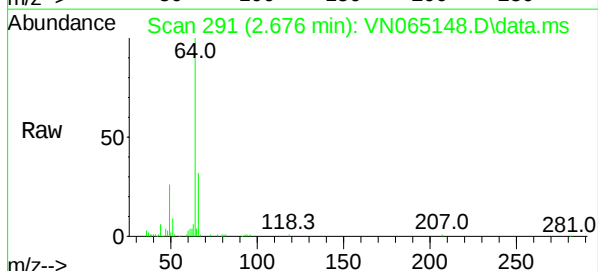
Manual Integrations
 APPROVED

MMDadoda
 12/16/2020 1:47:34 PM

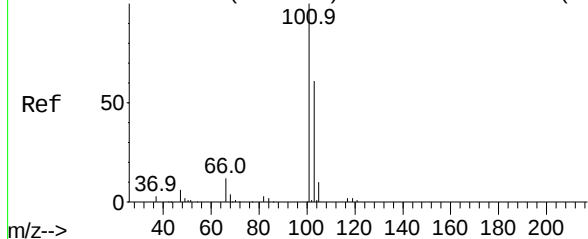


Chloroethane
 Concen: 19.20 ug/l
 RT: 2.676 min Scan# 291
 Delta R.T. -0.000 min
 Lab File: VN065148.D
 Acq: 15 Dec 2020 17:48

Tgt Ion: 64 Resp: 84481
 Ion Ratio Lower Upper
 64 100
 66 32.0 26.0 39.0

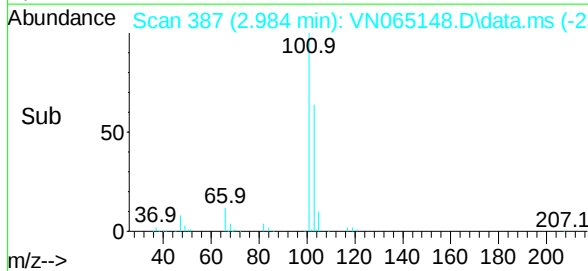
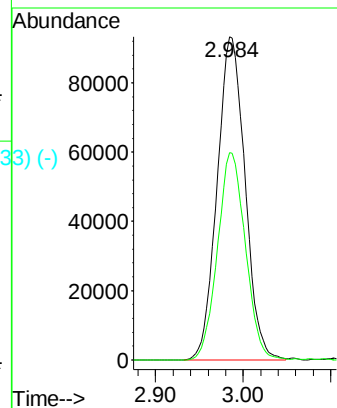
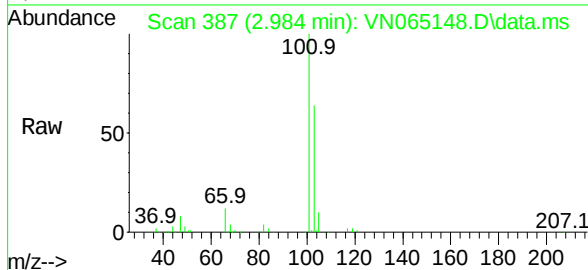


Abundance Scan 388 (2.988 min): VN065141.D\data.ms (-371) #7

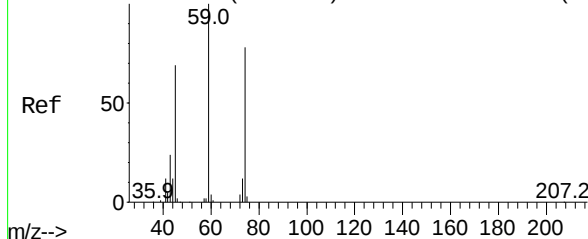


Trichlorofluoromethane
Concen: 18.85 ug/l
RT: 2.984 min Scan# 387
Delta R.T. -0.003 min
Lab File: VN065148.D
Acq: 15 Dec 2020 17:48

Tgt Ion	Ratio	Lower	Upper
101	100		
103	64.1	49.3	73.9

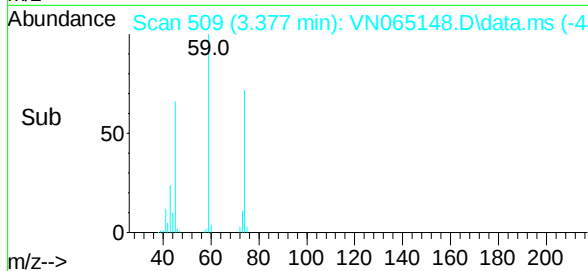
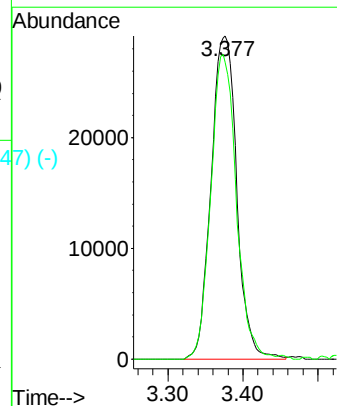
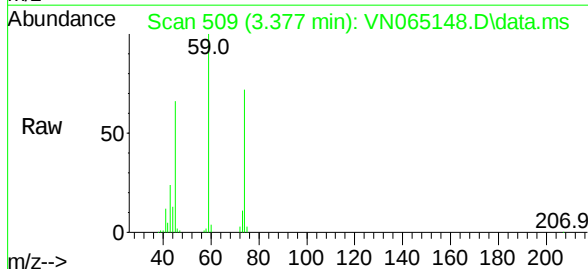


Abundance Scan 509 (3.377 min): VN065141.D\data.ms (-494) #8



Diethyl Ether
Concen: 19.83 ug/l
RT: 3.377 min Scan# 509
Delta R.T. -0.000 min
Lab File: VN065148.D
Acq: 15 Dec 2020 17:48

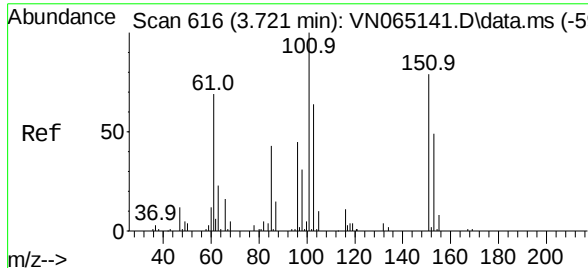
Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.3	22.1	198.5



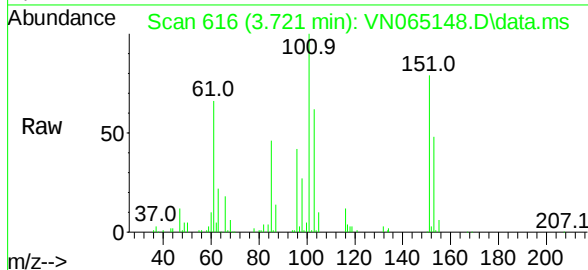
Instrument :
MSVOA_N
ClientSampleId :
VN1215WBS01

Manual Integrations
APPROVED

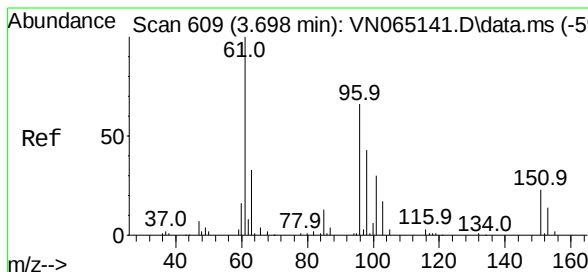
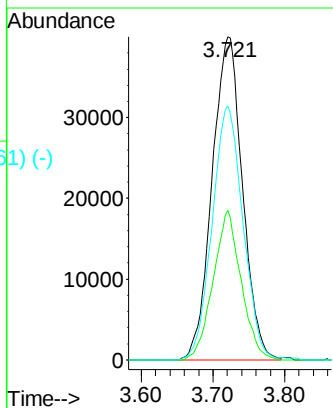
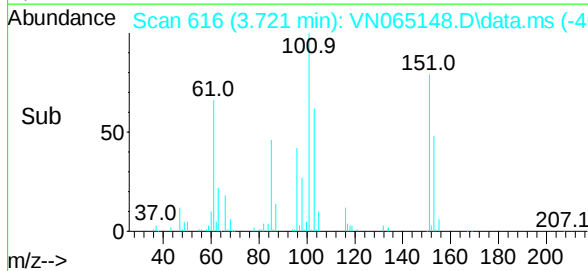
MMDadoda
12/16/2020 1:47:34 PM



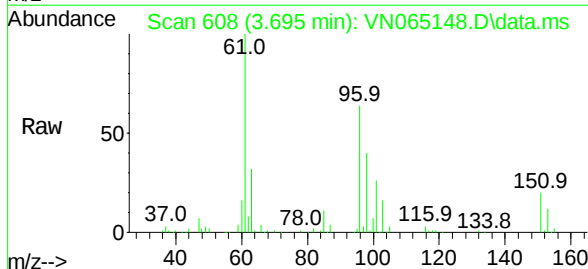
Scan 616 (3.721 min): VN065141.D\data.ms (-597) #9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.81 ug/l
 RT: 3.721 min Scan# 616
 Delta R.T. -0.000 min
 Lab File: VN065148.D
 Acq: 15 Dec 2020 17:48



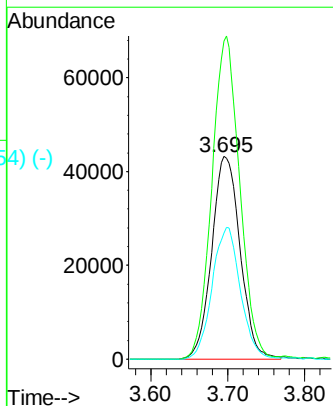
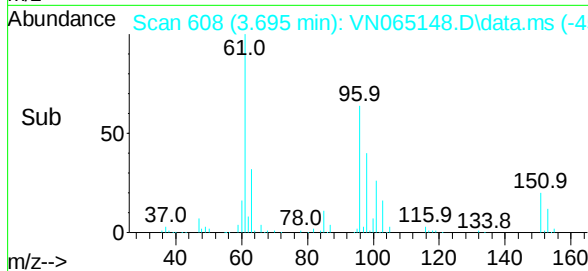
Tgt Ion	Ratio	Lower	Upper
101	100		
85	42.6	0.0	49.0
151	79.6	0.0	80.2



Scan 609 (3.698 min): VN065141.D\data.ms (-592) #10
 1,1-Dichloroethene
 Concen: 20.31 ug/l
 RT: 3.695 min Scan# 608
 Delta R.T. -0.003 min
 Lab File: VN065148.D
 Acq: 15 Dec 2020 17:48



Tgt Ion	Ratio	Lower	Upper
96	100		
61	156.8	149.2	223.8
98	62.2	49.6	74.4



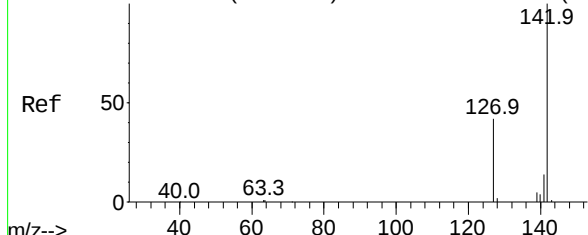
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1215WBS01

Manual Integrations
 APPROVED

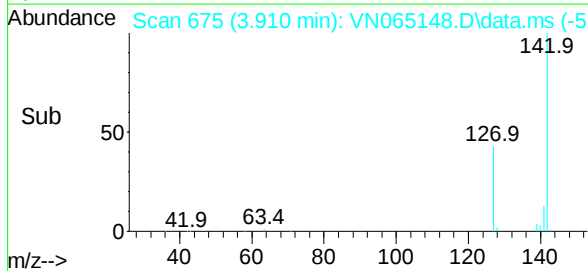
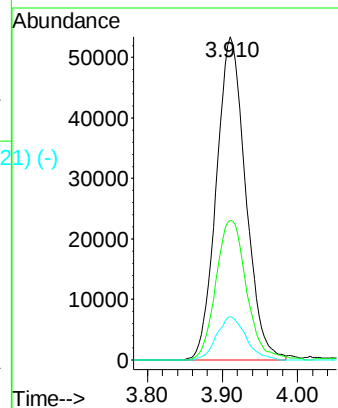
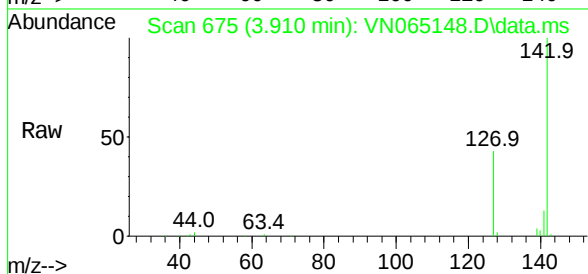
MMDadoda
 12/16/2020 1:47:34 PM

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

Methyl Iodide
Concen: 18.96 ug/l
RT: 3.910 min Scan# 675
Delta R.T. -0.003 min
Lab File: VN065148.D
Acq: 15 Dec 2020 17:48

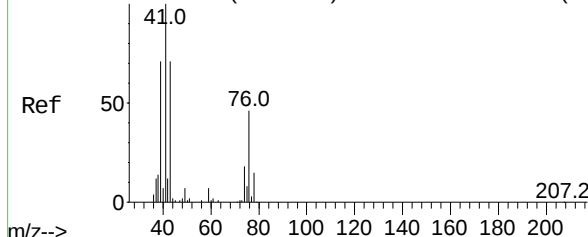


Tgt Ion:	142	Resp:	144097
Ion	Ratio	Lower	Upper
142	100		
127	43.0	24.7	74.1
141	13.5	7.8	23.3

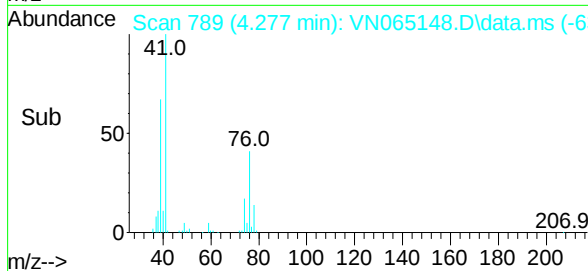
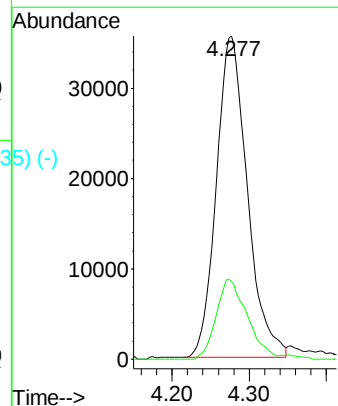
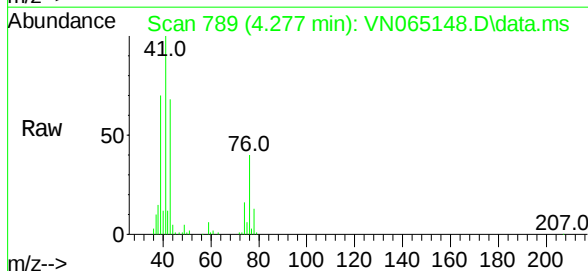


Abundance Scan 790 (4.280 min): VN065141.D\data.ms (-770) #12

Methyl Acetate
Concen: 20.02 ug/l
RT: 4.277 min Scan# 789
Delta R.T. -0.003 min
Lab File: VN065148.D
Acq: 15 Dec 2020 17:48



Tgt Ion:	43	Resp:	99646
Ion	Ratio	Lower	Upper
43	100		
74	23.9	17.7	26.5

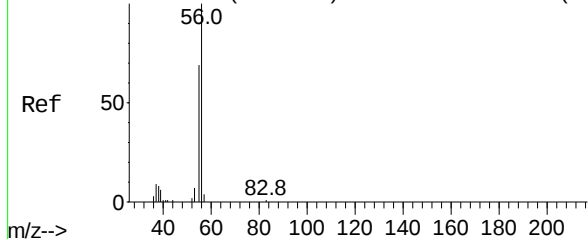


Instrument :
MSVOA_N
ClientSampleId :
VN1215WBS01

Manual Integrations
APPROVED

MMDadoda
12/16/2020 1:47:34 PM

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



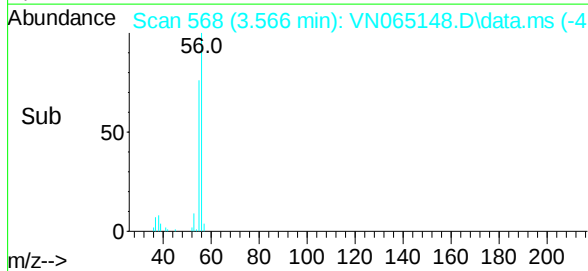
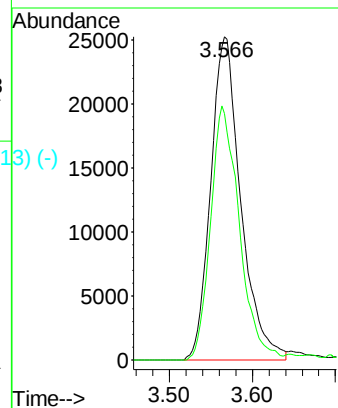
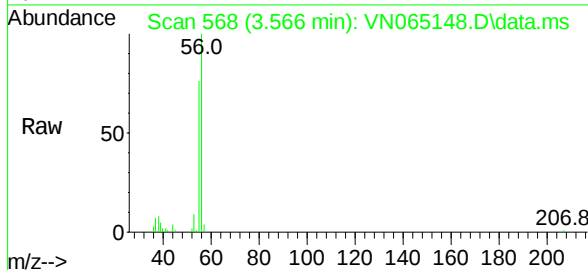
Acrolein
Concen: 90.17 ug/l
RT: 3.566 min Scan# 568
Delta R.T. -0.000 min
Lab File: VN065148.D
Acq: 15 Dec 2020 17:48

Instrument :
MSVOA_N
ClientSampleId :
VN1215WBS01

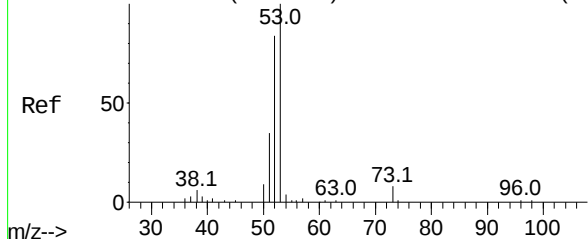
Tgt Ion: 56 Resp: 63480
Ion Ratio Lower Upper
56 100
55 74.8 58.2 87.2

Manual Integrations
APPROVED

MMDadoda
12/16/2020 1:47:34 PM

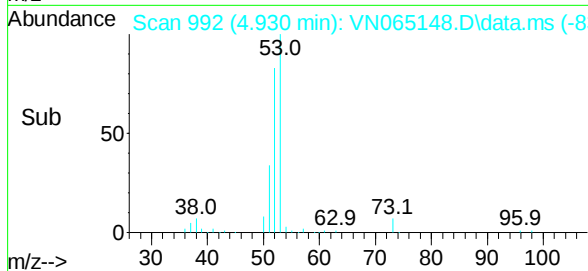
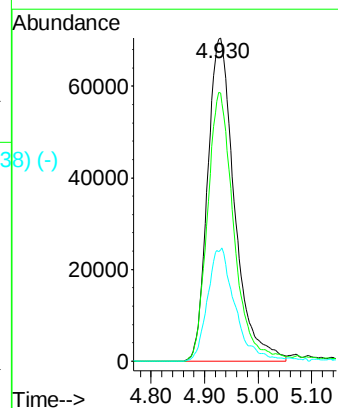
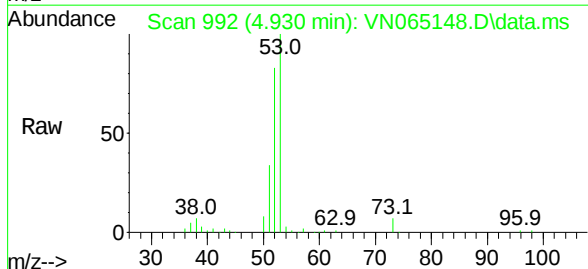


Abundance Scan 993 (4.933 min): VN065141.D\data.ms (-971#)14



Acrylonitrile
Concen: 101.04 ug/l
RT: 4.930 min Scan# 992
Delta R.T. -0.003 min
Lab File: VN065148.D
Acq: 15 Dec 2020 17:48

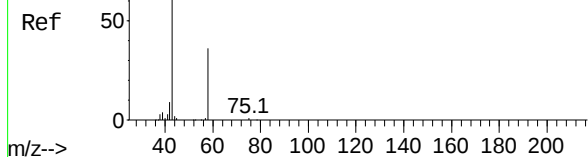
Tgt Ion: 53 Resp: 246476
Ion Ratio Lower Upper
53 100
52 79.4 41.3 124.1
51 15.4 18.9 56.5#



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

Acetone
Concen: 105.26 ug/l
RT: 3.772 min Scan# 632
Delta R.T. -0.003 min
Lab File: VN065148.D
Acq: 15 Dec 2020 17:48

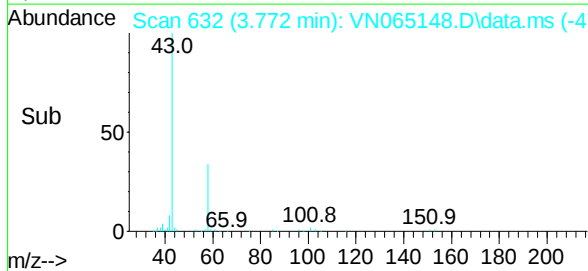
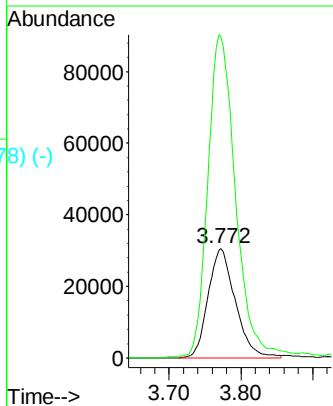
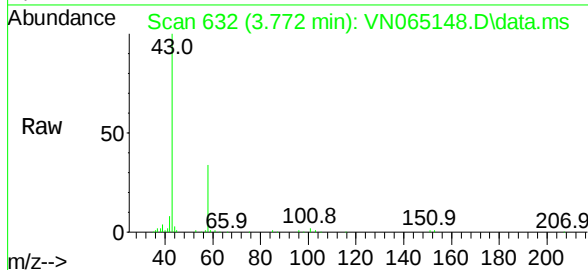
Instrument :
MSVOA_N
ClientSampleId :
VN1215WBS01



Tgt Ion: 58 Resp: 80612
Ion Ratio Lower Upper
58 100
43 292.3 289.8 434.8

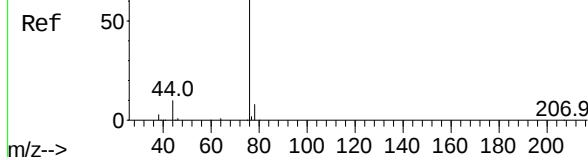
Manual Integrations
APPROVED

MMDadoda
12/16/2020 1:47:34 PM

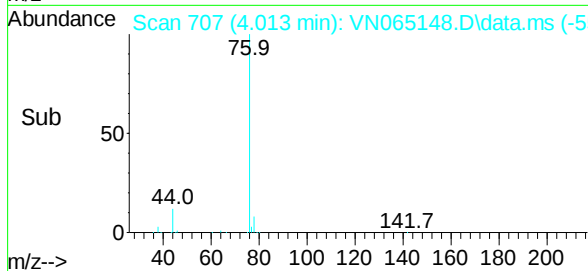
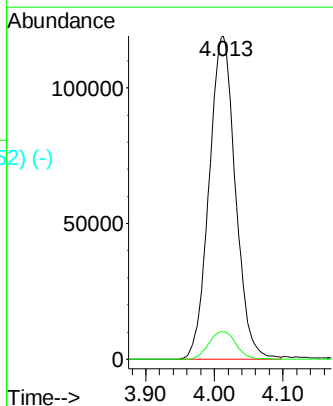
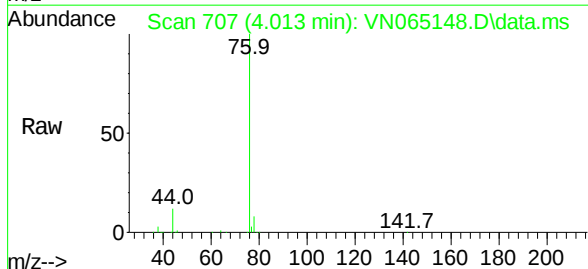


Abundance Scan 707 (4.013 min): VN065141.D\data.ms (-687) #16

Carbon Disulfide
Concen: 19.69 ug/l
RT: 4.013 min Scan# 707
Delta R.T. -0.000 min
Lab File: VN065148.D
Acq: 15 Dec 2020 17:48



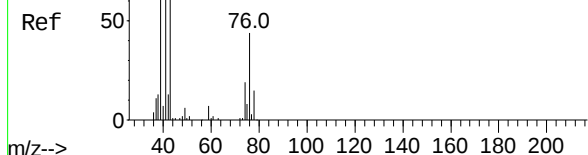
Tgt Ion: 76 Resp: 316769
Ion Ratio Lower Upper
76 100
78 8.5 7.6 11.4



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

Allyl chloride
Concen: 20.73 ug/l
RT: 4.277 min Scan# 789
Delta R.T. -0.000 min
Lab File: VN065148.D
Acq: 15 Dec 2020 17:48

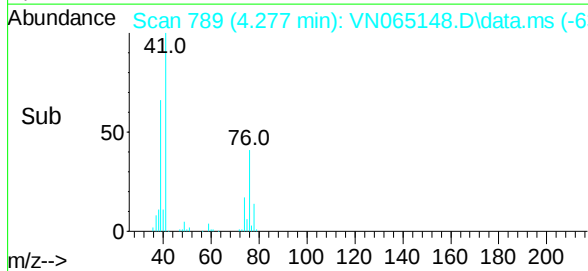
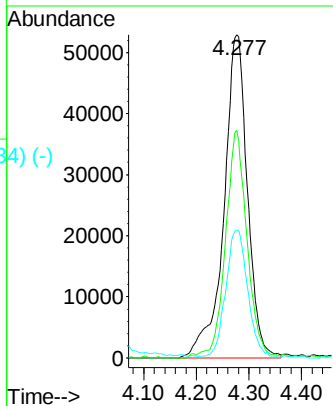
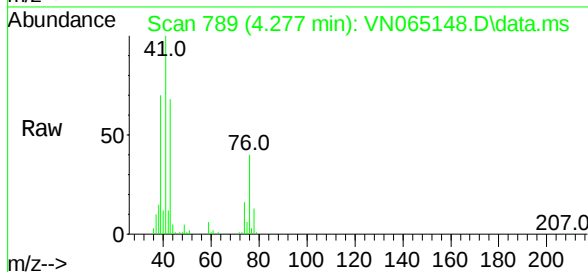
Instrument :
MSVOA_N
ClientSampleId :
VN1215WBS01



Tgt Ion:	41	Resp:	164195
Ion	Ratio	Lower	Upper
41	100		
39	70.4	40.3	120.8
76	39.6	16.8	50.3

Manual Integrations
APPROVED

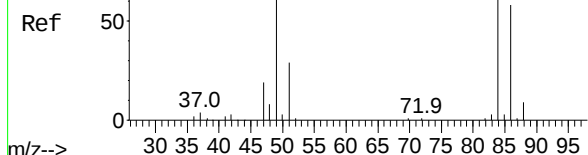
MMDadoda
12/16/2020 1:47:34 PM



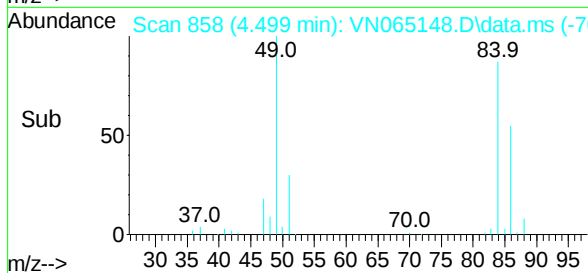
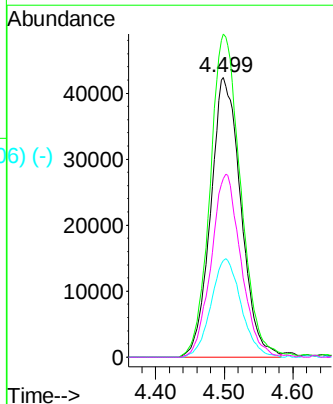
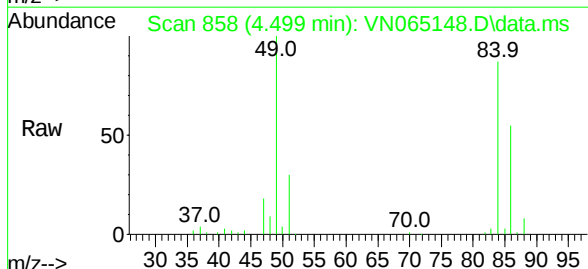
Abundance Scan 861 (4.508 min): VN065141.D\data.ms (-840) #18

Methylene Chloride
Concen: 20.11 ug/l
RT: 4.499 min Scan# 858
Delta R.T. -0.010 min
Lab File: VN065148.D
Acq: 15 Dec 2020 17:48

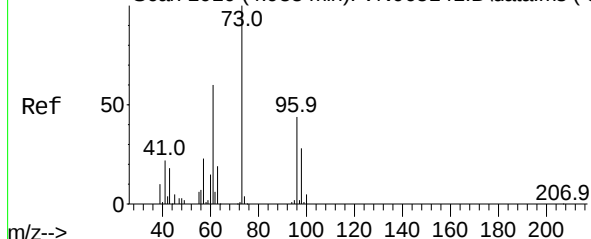
Instrument :
MSVOA_N
ClientSampleId :
VN1215WBS01



Tgt Ion:	84	Resp:	129400
Ion	Ratio	Lower	Upper
84	100		
49	115.5	102.1	153.1
51	34.5	32.6	48.8
86	63.9	46.7	70.1



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



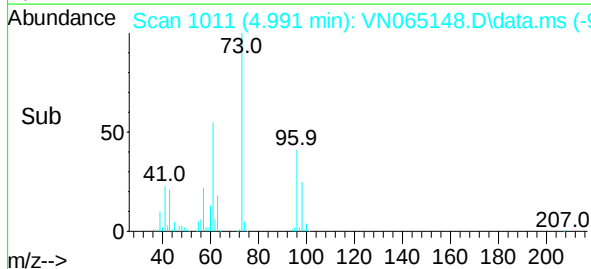
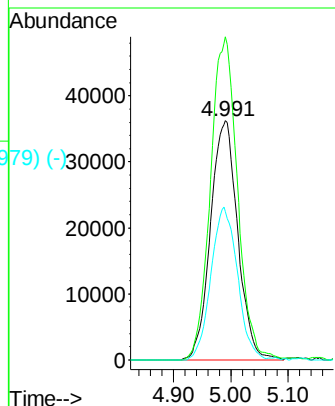
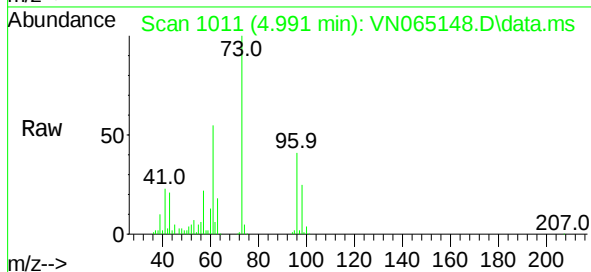
trans-1,2-Dichloroethene
Concen: 20.10 ug/l
RT: 4.991 min Scan# 1011
Delta R.T. 0.003 min
Lab File: VN065148.D
Acq: 15 Dec 2020 17:48

Tgt Ion:	96	Resp:	119422
Ion	Ratio	Lower	Upper
96	100		
61	135.1	120.1	180.1
98	62.0	49.1	73.7

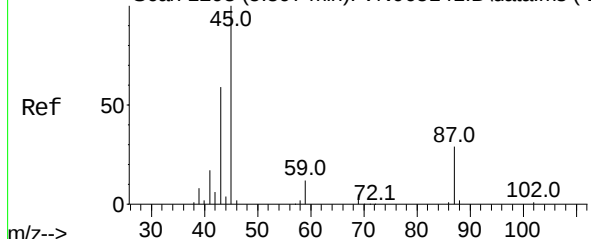
Instrument :
MSVOA_N
ClientSampled :
VN1215WBS01

Manual Integrations
APPROVED

MMDadoda
12/16/2020 1:47:34 PM

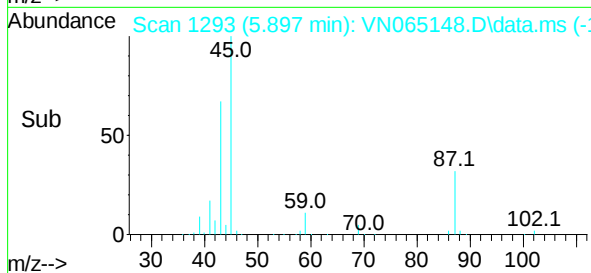
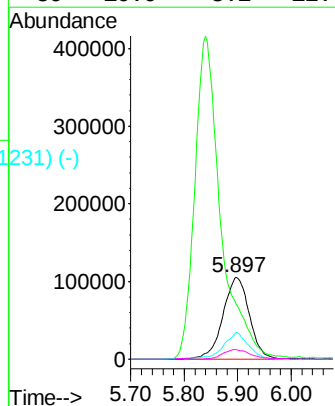
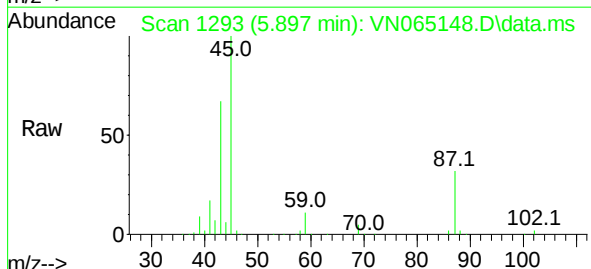


Abundance Scan 1293 (5.897 min): VN065141.D\data.ms (-12620)

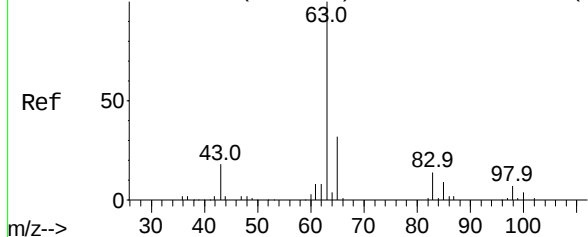


Diisopropyl ether
Concen: 18.41 ug/l
RT: 5.897 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VN065148.D
Acq: 15 Dec 2020 17:48

Tgt Ion:	45	Resp:	359772
Ion	Ratio	Lower	Upper
45	100		
43	63.7	53.1	79.7
87	32.1	21.0	31.6#
59	10.9	8.2	12.4



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



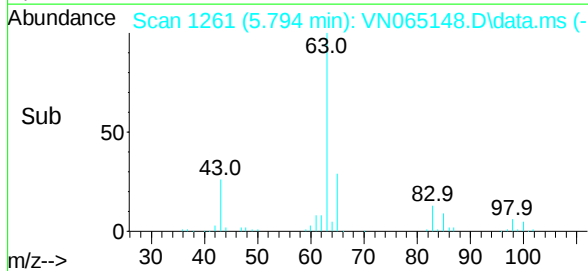
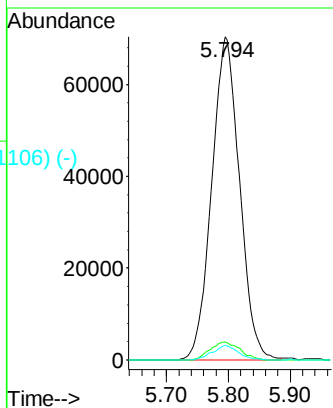
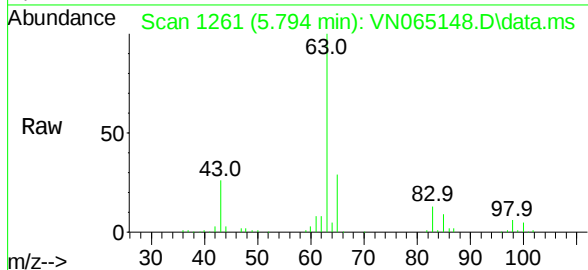
1,1-Dichloroethane
Concen: 18.60 ug/l
RT: 5.794 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VN065148.D
Acq: 15 Dec 2020 17:48

Tgt Ion	Ratio	Lower	Upper
63	100		
98	5.6	2.6	8.0
100	4.6	1.7	5.1

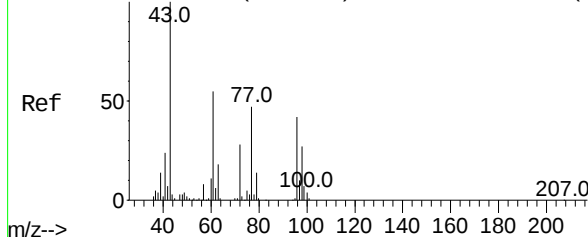
Instrument :
MSVOA_N
ClientSampled :
VN1215WBS01

Manual Integrations
APPROVED

MMDadoda
12/16/2020 1:47:34 PM

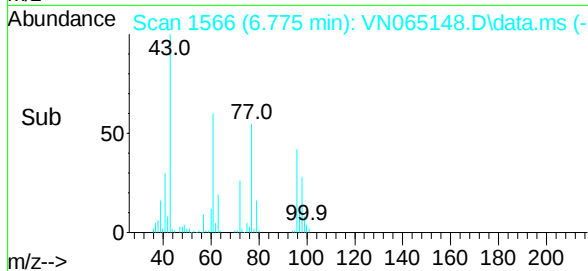
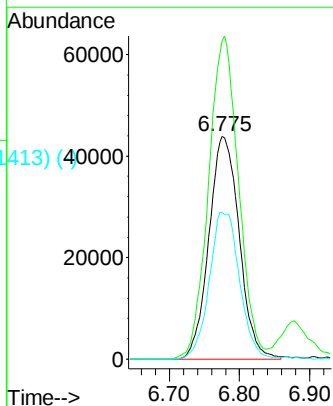
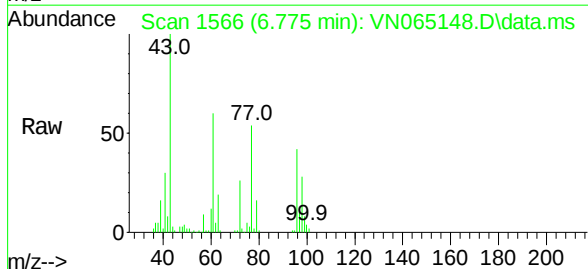


Abundance Scan 1568 (6.782 min): VN065141.D\data.ms (-15422)

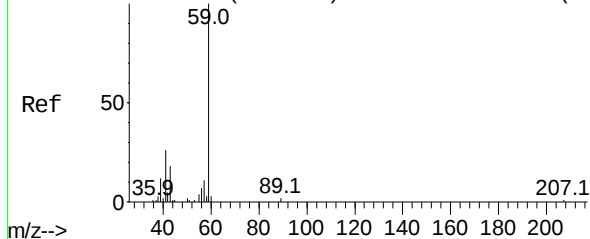


cis-1,2-Dichloroethene
Concen: 19.71 ug/l
RT: 6.775 min Scan# 1566
Delta R.T. -0.007 min
Lab File: VN065148.D
Acq: 15 Dec 2020 17:48

Tgt Ion	Ratio	Lower	Upper
96	100		
61	143.4	136.1	204.1
98	34.5	51.8	77.8#



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



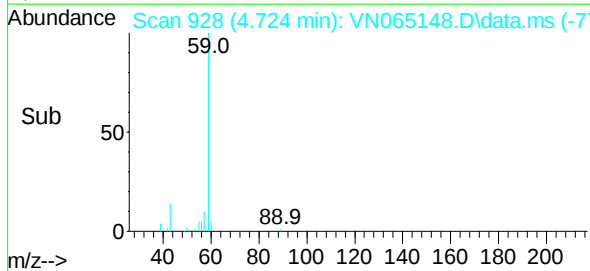
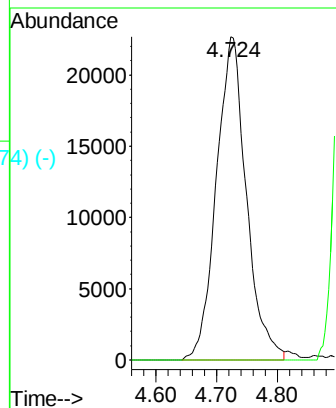
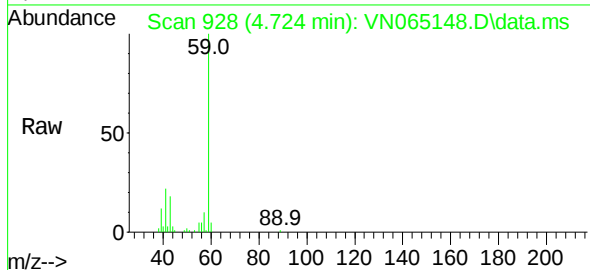
tert-Butyl Alcohol
Concen: 98.19 ug/l
RT: 4.724 min Scan# 928
Delta R.T. -0.003 min
Lab File: VN065148.D
Acq: 15 Dec 2020 17:48

Tgt Ion: 59 Resp: 77441
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

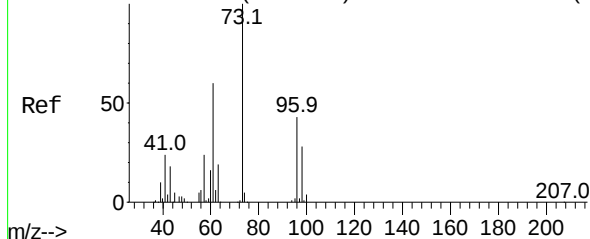
Instrument :
MSVOA_N
ClientSampleId :
VN1215WBS01

Manual Integrations
APPROVED

MMDadoda
12/16/2020 1:47:34 PM

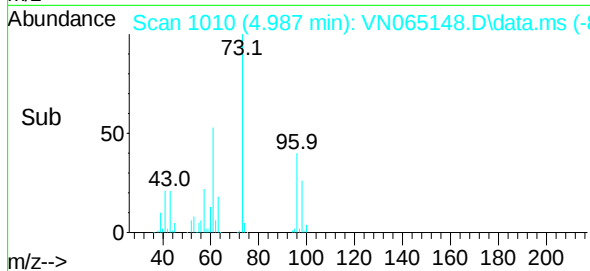
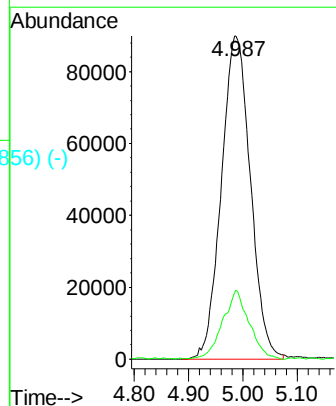
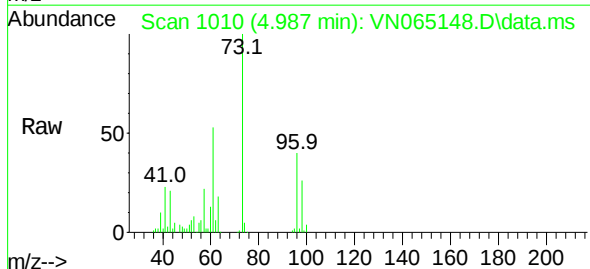


Abundance Scan 1011 (4.991 min): VN065141.D\data.ms (-983) (-)

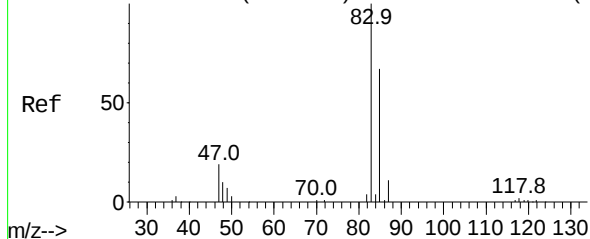


Methyl tert-Butyl Ether
Concen: 20.10 ug/l m
RT: 4.987 min Scan# 1010
Delta R.T. -0.003 min
Lab File: VN065148.D
Acq: 15 Dec 2020 17:48

Tgt Ion: 73 Resp: 333043
Ion Ratio Lower Upper
73 100
43 0.1 10.2 15.2#



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



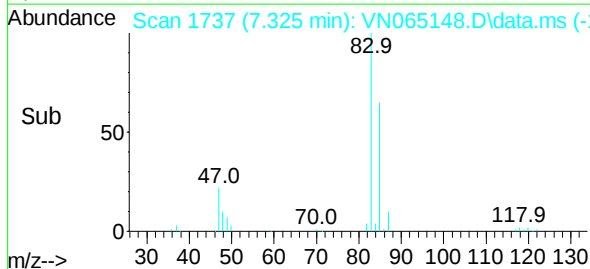
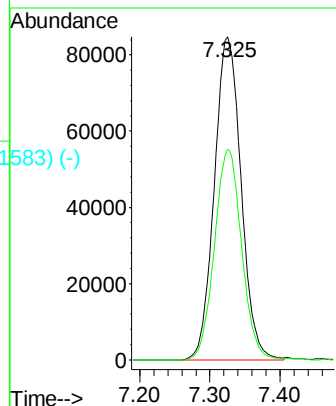
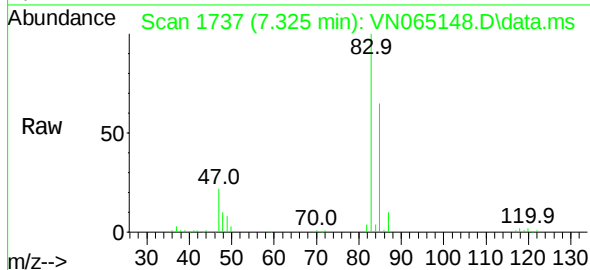
Chloroform
Concen: 20.20 ug/l
RT: 7.325 min Scan# 1737
Delta R.T. -0.003 min
Lab File: VN065148.D
Acq: 15 Dec 2020 17:48

Tgt Ion: 83 Resp: 225075
Ion Ratio Lower Upper
83 100
85 65.2 50.6 75.8

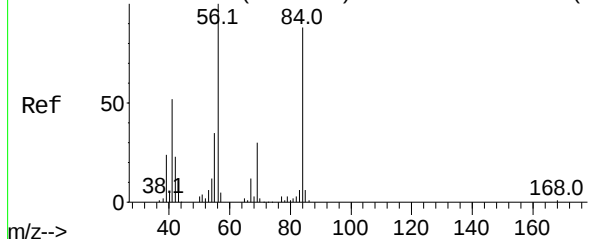
Instrument :
MSVOA_N
ClientSampled :
VN1215WBS01

Manual Integrations
APPROVED

MMDadoda
12/16/2020 1:47:34 PM

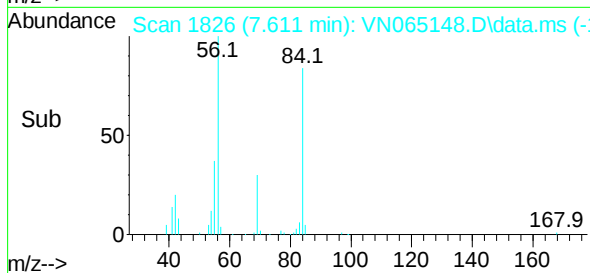
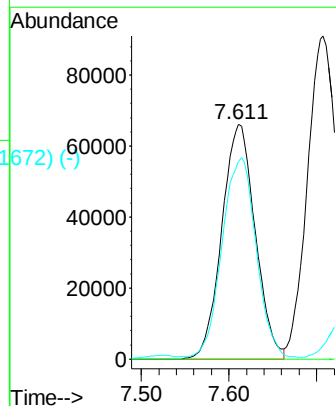
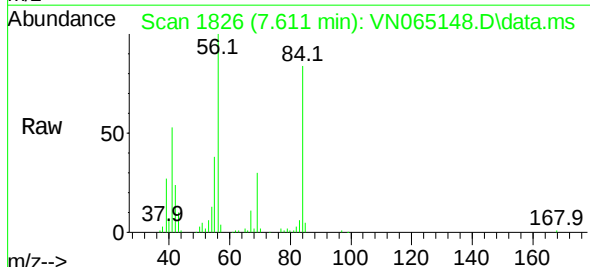


Abundance Scan 1827 (7.614 min): VN065141.D\data.ms (-1827) (-)

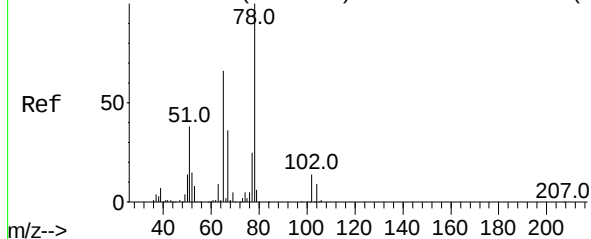


Cyclohexane
Concen: 20.31 ug/l
RT: 7.611 min Scan# 1826
Delta R.T. -0.003 min
Lab File: VN065148.D
Acq: 15 Dec 2020 17:48

Tgt Ion: 56 Resp: 174936
Ion Ratio Lower Upper
56 100
89 0.0 0.6 0.8#
84 86.9 66.1 99.1



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



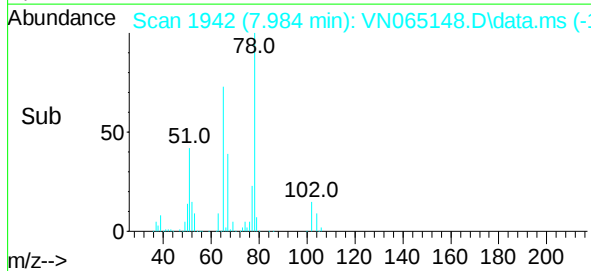
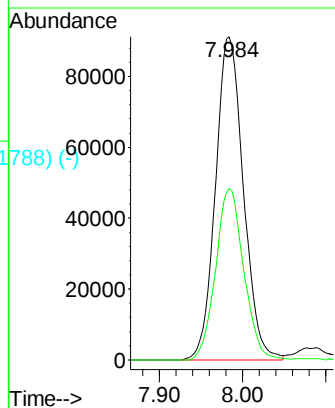
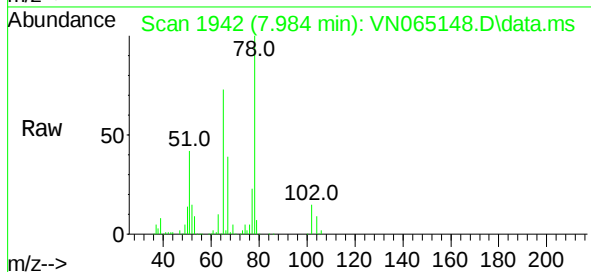
1,2-Dichloroethane-d4
Concen: 30.33 ug/l
RT: 7.984 min Scan# 1942
Delta R.T. -0.003 min
Lab File: VN065148.D
Acq: 15 Dec 2020 17:48

Tgt Ion: 65 Resp: 213003
Ion Ratio Lower Upper
65 100
67 53.4 41.1 61.7

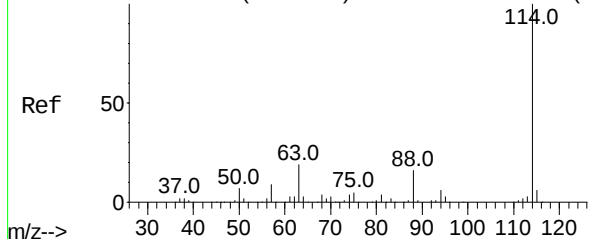
Instrument :
MSVOA_N
ClientSampled :
VN1215WBS01

Manual Integrations
APPROVED

MMDadoda
12/16/2020 1:47:34 PM

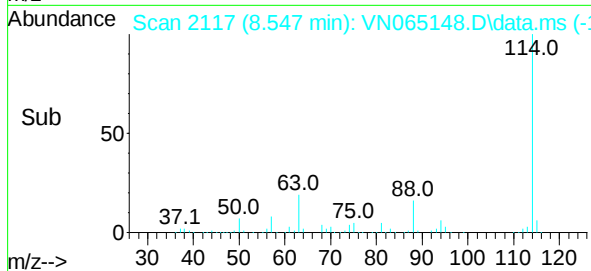
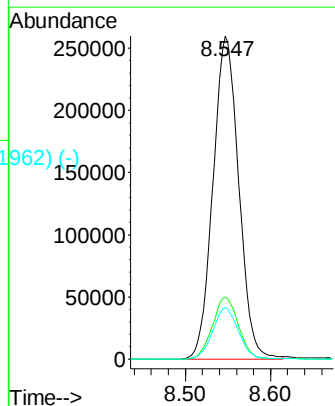
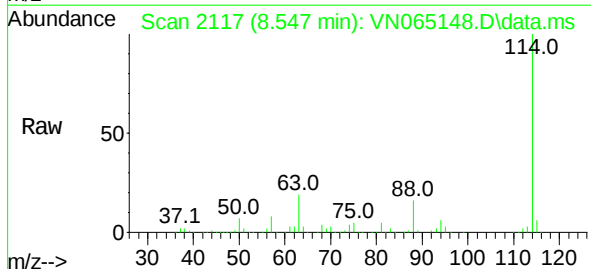


Abundance Scan 2117 (8.547 min): VN065141.D\data.ms (-2162-)

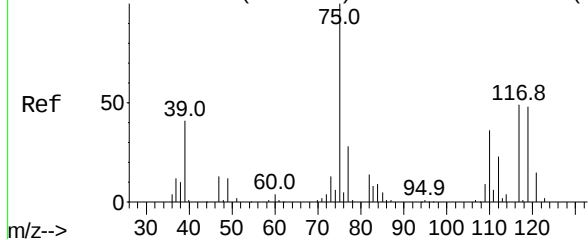


1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 8.547 min Scan# 2117
Delta R.T. -0.000 min
Lab File: VN065148.D
Acq: 15 Dec 2020 17:48

Tgt Ion:114 Resp: 543081
Ion Ratio Lower Upper
114 100
63 19.4 18.5 27.7
88 15.9 13.0 19.6



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



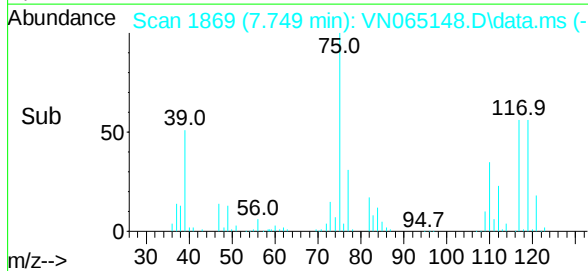
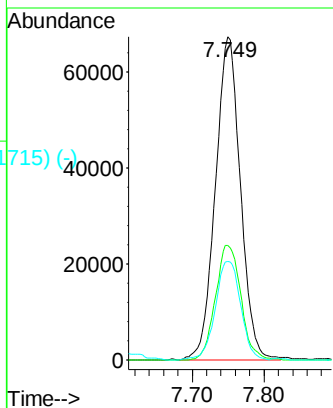
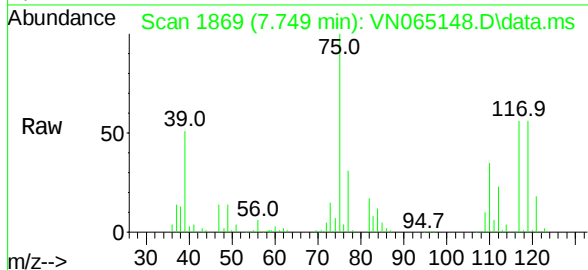
1,1-Dichloropropene
Concen: 19.05 ug/l
RT: 7.749 min Scan# 1869
Delta R.T. -0.003 min
Lab File: VN065148.D
Acq: 15 Dec 2020 17:48

Tgt Ion:	75	Resp:	162833
Ion	Ratio	Lower	Upper
75	100		
110	36.0	0.0	66.4
77	31.0	0.0	62.0

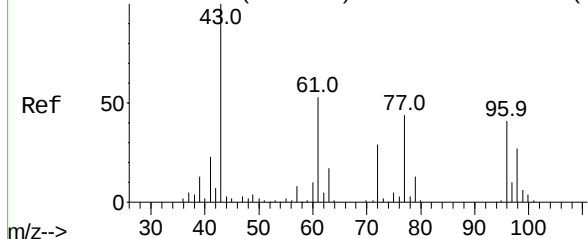
Instrument :
MSVOA_N
ClientSampleId :
VN1215WBS01

Manual Integrations
APPROVED

MMDadoda
12/16/2020 1:47:34 PM

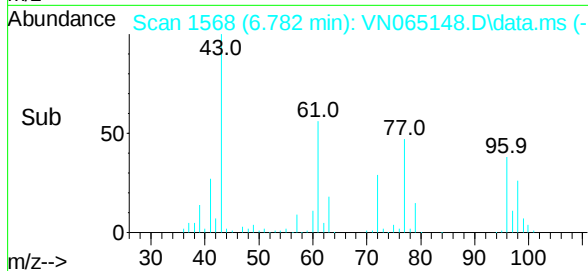
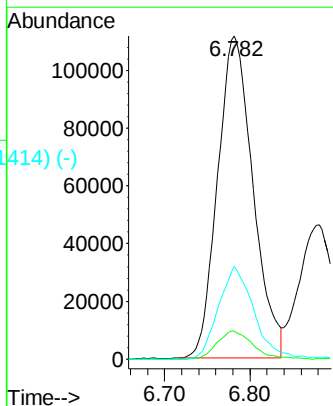
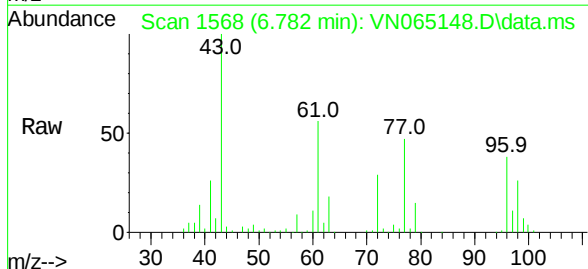


Abundance Scan 1569 (6.785 min): VN065141.D\data.ms (-15430-)

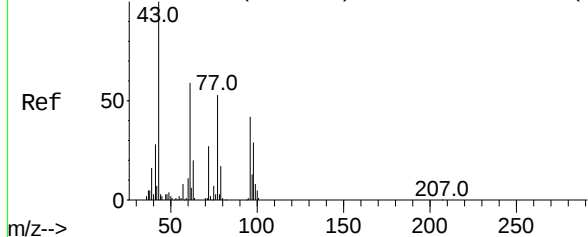


2-Butanone
Concen: 97.25 ug/l
RT: 6.782 min Scan# 1568
Delta R.T. -0.003 min
Lab File: VN065148.D
Acq: 15 Dec 2020 17:48

Tgt Ion:	43	Resp:	321565
Ion	Ratio	Lower	Upper
43	100		
57	8.8	6.2	9.4
72	28.4	9.9	14.9#



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



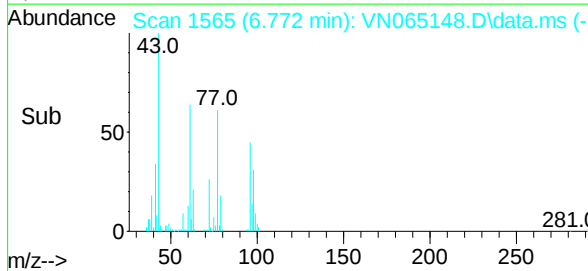
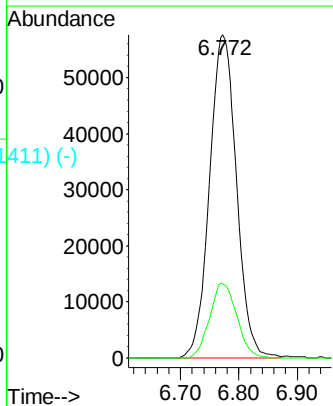
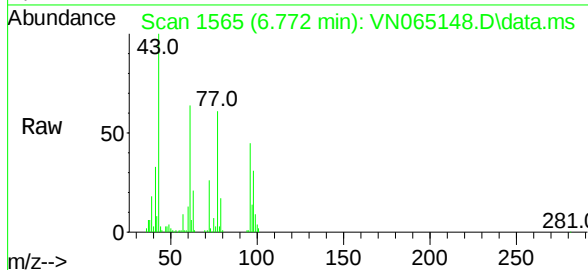
2,2-Dichloropropane
Concen: 19.45 ug/l
RT: 6.772 min Scan# 1565
Delta R.T. -0.003 min
Lab File: VN065148.D
Acq: 15 Dec 2020 17:48

Tgt Ion: 77 Resp: 184064
Ion Ratio Lower Upper
77 100
97 23.3 16.9 25.3

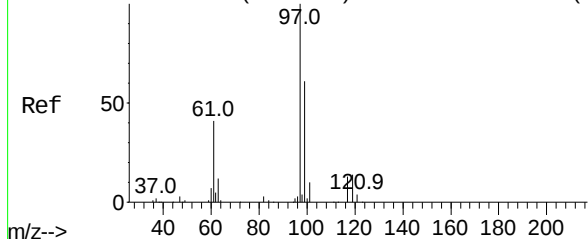
Instrument :
MSVOA_N
ClientSampleId :
VN1215WBS01

Manual Integrations
APPROVED

MMDadoda
12/16/2020 1:47:34 PM

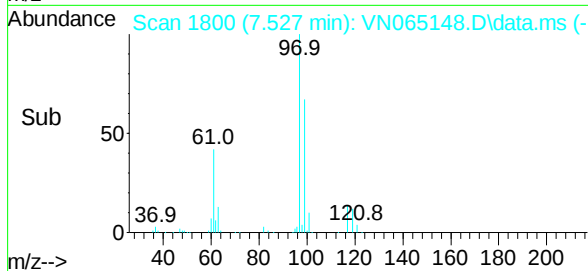
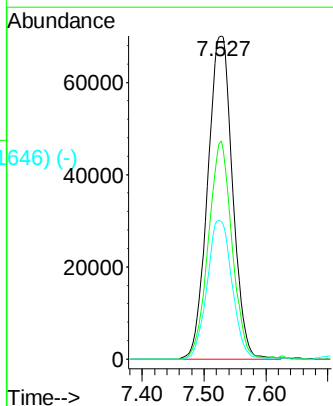
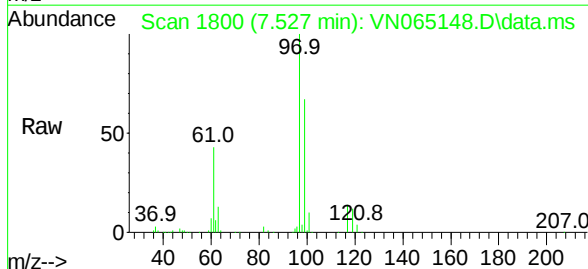


Abundance Scan 1801 (7.531 min): VN065141.D\data.ms (-17792-)

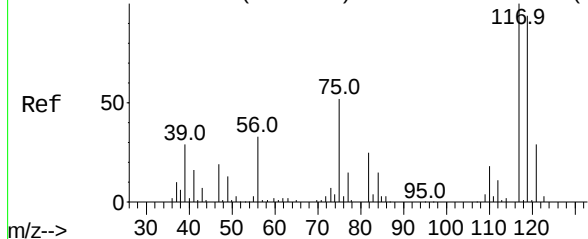


1,1,1-Trichloroethane
Concen: 19.22 ug/l
RT: 7.527 min Scan# 1800
Delta R.T. -0.003 min
Lab File: VN065148.D
Acq: 15 Dec 2020 17:48

Tgt Ion: 97 Resp: 195294
Ion Ratio Lower Upper
97 100
99 63.9 51.8 77.8
61 43.0 39.4 59.0



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



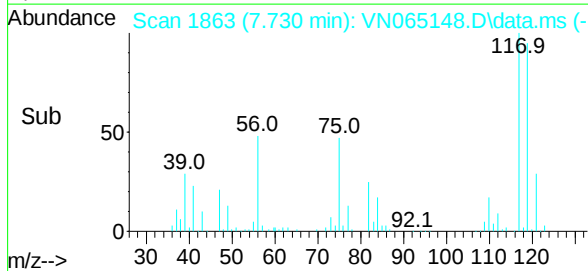
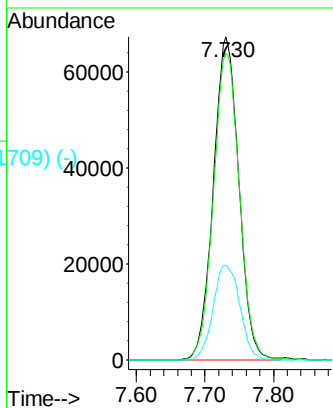
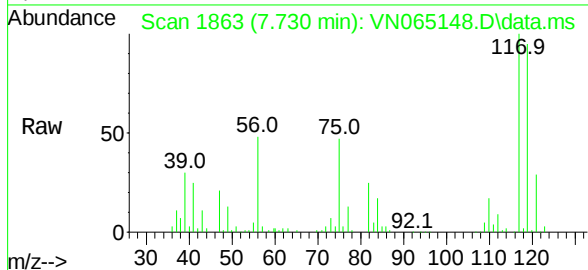
Carbon Tetrachloride
Concen: 18.87 ug/l
RT: 7.730 min Scan# 1863
Delta R.T. -0.003 min
Lab File: VN065148.D
Acq: 15 Dec 2020 17:48

Tgt Ion:117 Resp: 173184
Ion Ratio Lower Upper
117 100
119 94.8 77.9 116.9
121 29.4 24.0 36.0

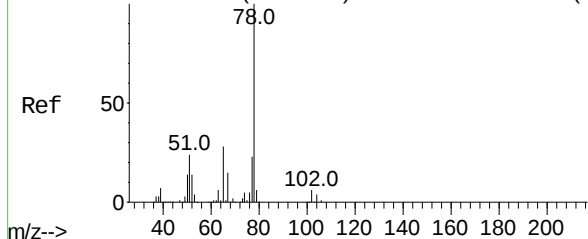
Instrument :
MSVOA_N
ClientSampled :
VN1215WBS01

Manual Integrations
APPROVED

MMDadoda
12/16/2020 1:47:34 PM

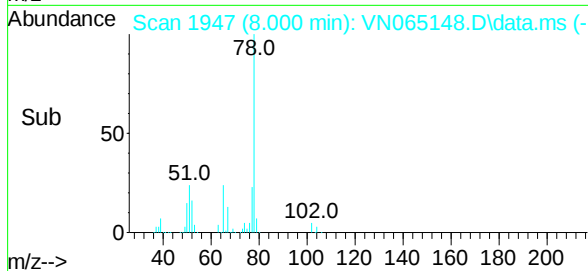
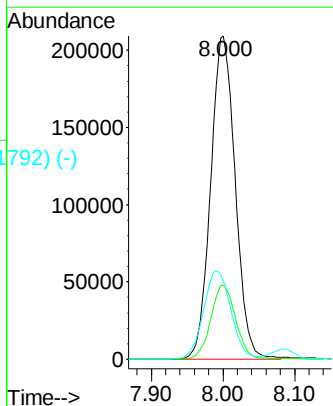
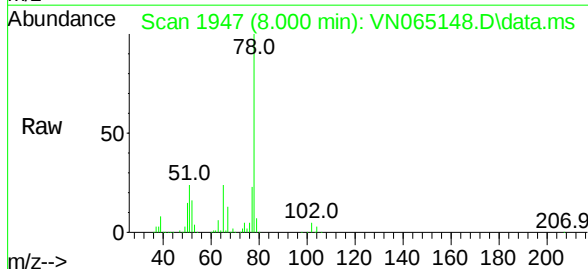


Abundance Scan 1947 (8.000 min): VN065141.D\data.ms (-19284-)

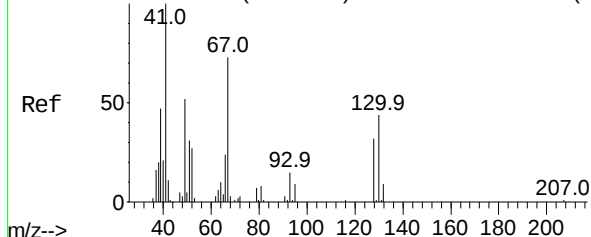


Benzene
Concen: 19.26 ug/l
RT: 8.000 min Scan# 1947
Delta R.T. -0.000 min
Lab File: VN065148.D
Acq: 15 Dec 2020 17:48

Tgt Ion: 78 Resp: 497656
Ion Ratio Lower Upper
78 100
77 22.9 18.9 28.3
51 24.2 24.6 36.8#



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



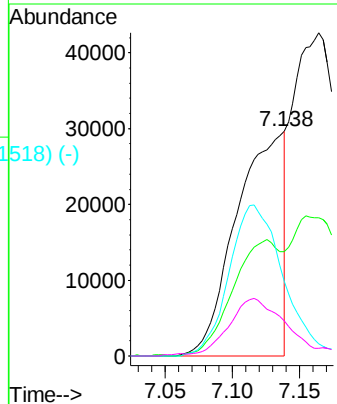
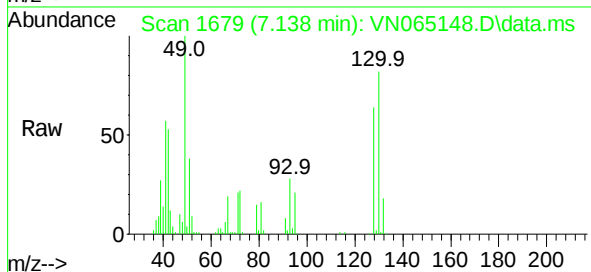
Methacrylonitrile
Concen: 22.60 ug/l m
RT: 7.138 min Scan# 1679
Delta R.T. 0.019 min
Lab File: VN065148.D
Acq: 15 Dec 2020 17:48

Tgt Ion	Ratio	Lower	Upper
41	100		
39	46.5	30.0	90.1
67	33.3	29.2	87.6
52	15.5	14.9	44.9

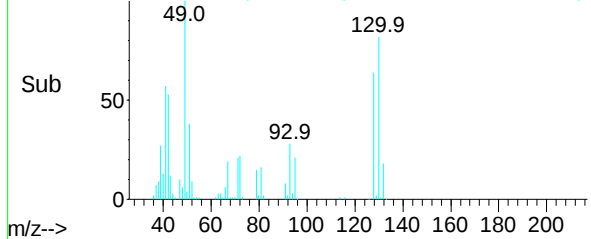
Instrument :
MSVOA_N
ClientSampleId :
VN1215WBS01

Manual Integrations
APPROVED

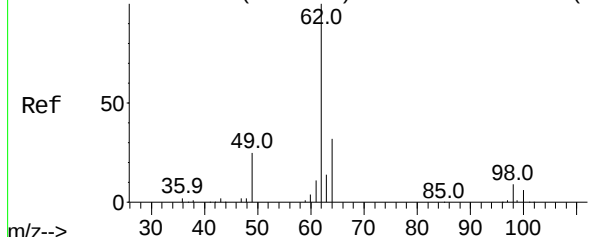
MMDadoda
12/16/2020 1:47:34 PM



Abundance Scan 1679 (7.138 min): VN065148.D\data.ms (-1518) (-)

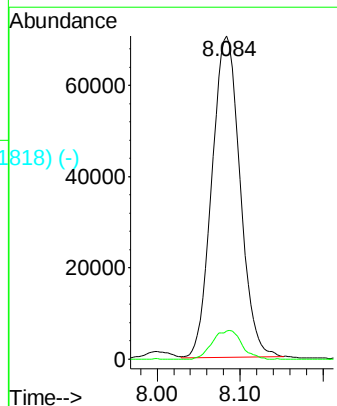
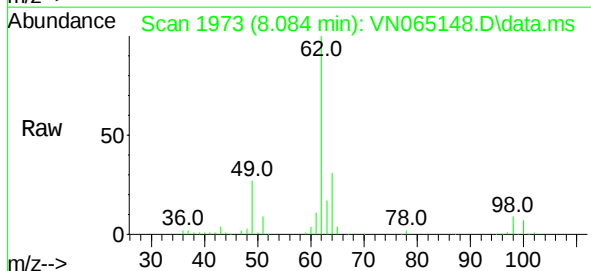


Abundance Scan 1973 (8.084 min): VN065141.D\data.ms (-19536)

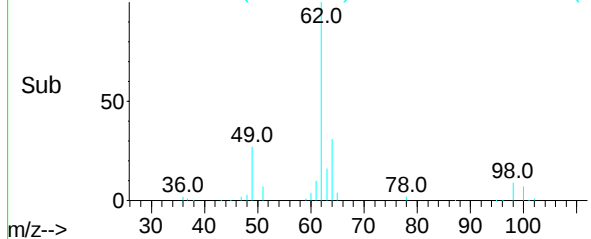


1,2-Dichloroethane
Concen: 18.82 ug/l
RT: 8.084 min Scan# 1973
Delta R.T. -0.000 min
Lab File: VN065148.D
Acq: 15 Dec 2020 17:48

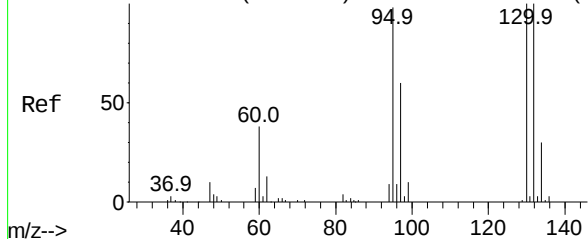
Tgt Ion	Ratio	Lower	Upper
62	100		
98	4.2	5.5	8.3#



Abundance Scan 1973 (8.084 min): VN065148.D\data.ms (-1818) (-)



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



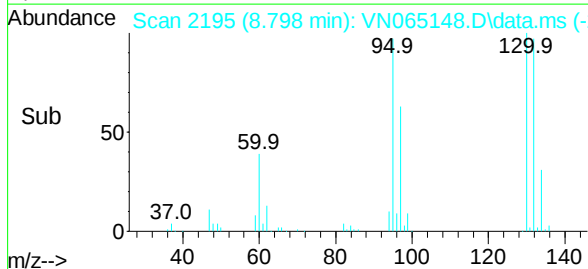
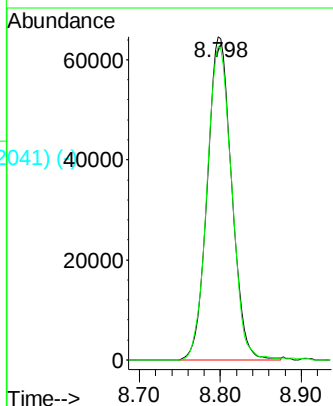
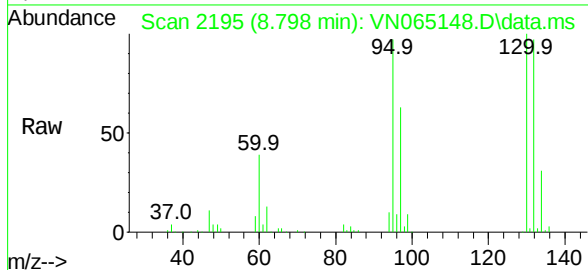
Trichloroethene
Concen: 19.13 ug/l
RT: 8.798 min Scan# 2195
Delta R.T. -0.003 min
Lab File: VN065148.D
Acq: 15 Dec 2020 17:48

Instrument :
MSVOA_N
ClientSampled :
VN1215WBS01

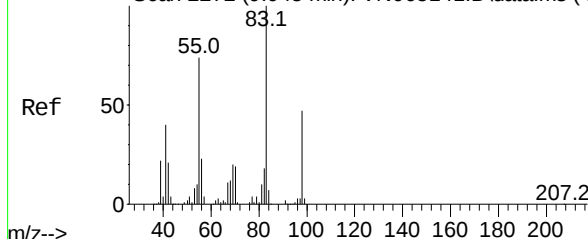
Tgt Ion:130 Resp: 134848
Ion Ratio Lower Upper
130 100
95 97.1 85.1 127.7

Manual Integrations
APPROVED

MMDadoda
12/16/2020 1:47:34 PM

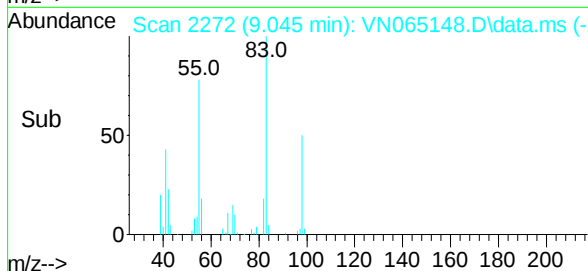
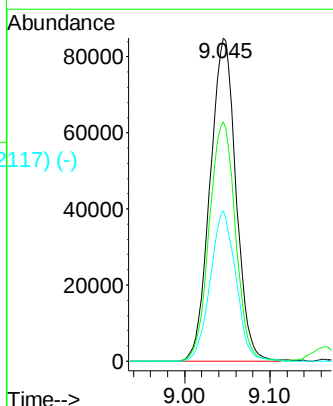
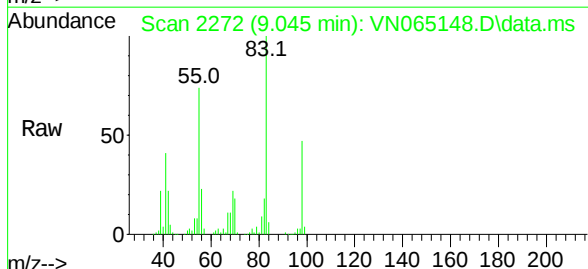


Abundance Scan 2272 (9.045 min): VN065141.D\data.ms (-22549-)

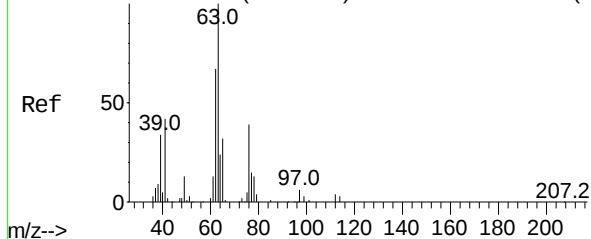


Methylcyclohexane
Concen: 17.56 ug/l
RT: 9.045 min Scan# 2272
Delta R.T. -0.000 min
Lab File: VN065148.D
Acq: 15 Dec 2020 17:48

Tgt Ion: 83 Resp: 178980
Ion Ratio Lower Upper
83 100
55 74.7 42.0 126.1
98 45.9 22.5 67.5



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



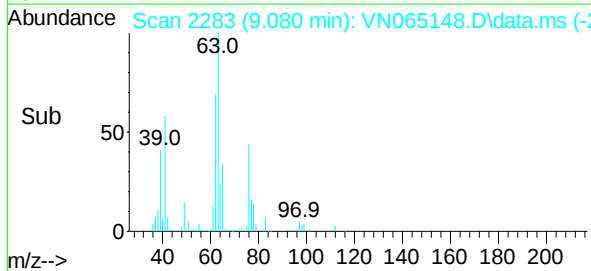
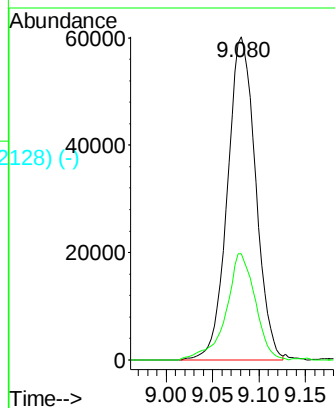
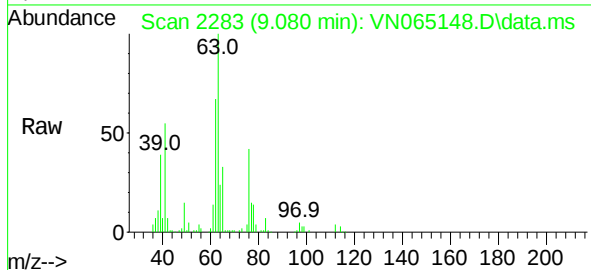
1,2-Dichloropropane
Concen: 18.29 ug/l
RT: 9.080 min Scan# 2283
Delta R.T. -0.000 min
Lab File: VN065148.D
Acq: 15 Dec 2020 17:48

Tgt Ion: 63 Resp: 126924
Ion Ratio Lower Upper
63 100
65 32.4 24.4 36.6

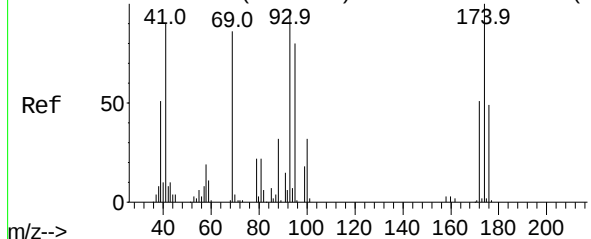
Instrument :
MSVOA_N
ClientSampleId :
VN1215WBS01

Manual Integrations
APPROVED

MMDadoda
12/16/2020 1:47:34 PM

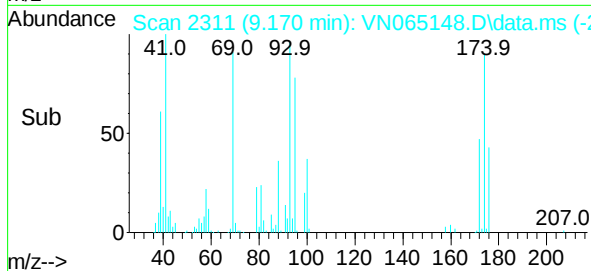
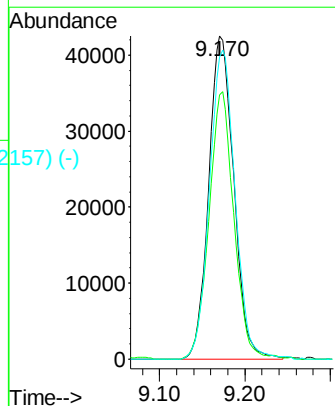
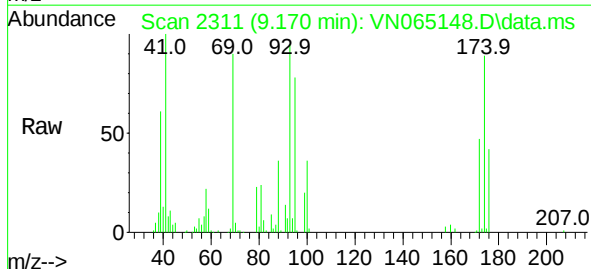


Abundance Scan 2312 (9.174 min): VN065141.D\data.ms (-229740-)

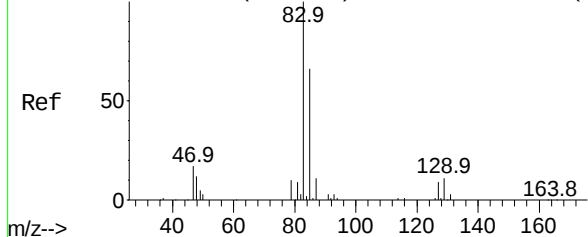


Dibromomethane
Concen: 17.81 ug/l
RT: 9.170 min Scan# 2311
Delta R.T. -0.003 min
Lab File: VN065148.D
Acq: 15 Dec 2020 17:48

Tgt Ion: 93 Resp: 86649
Ion Ratio Lower Upper
93 100
95 81.9 0.0 164.6
174 97.8 0.0 165.6



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



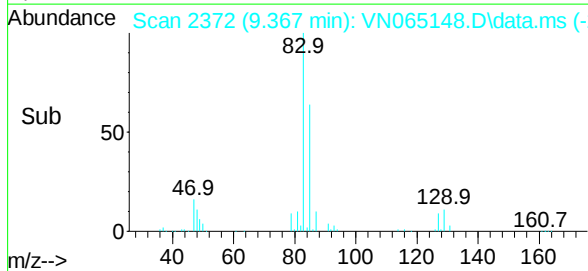
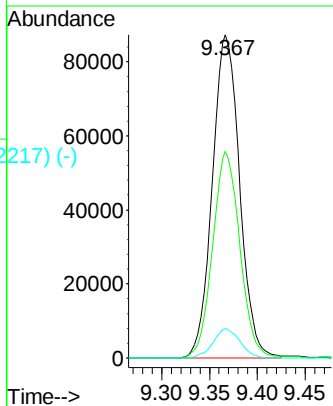
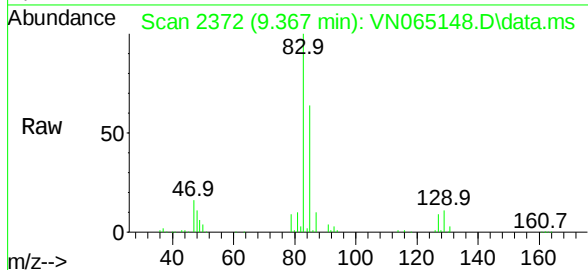
Bromodichloromethane
Concen: 17.50 ug/l
RT: 9.367 min Scan# 2372
Delta R.T. -0.000 min
Lab File: VN065148.D
Acq: 15 Dec 2020 17:48

Tgt Ion: 83 Resp: 173040
Ion Ratio Lower Upper
83 100
85 64.0 51.0 76.4
127 9.1 6.2 9.4

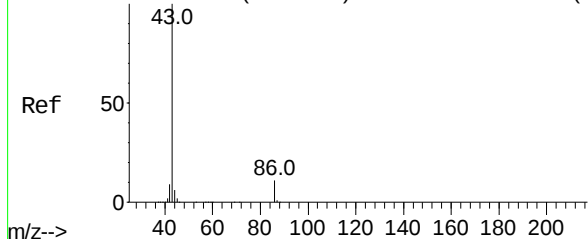
Instrument :
MSVOA_N
ClientSampled :
VN1215WBS01

Manual Integrations
APPROVED

MMDadoda
12/16/2020 1:47:34 PM

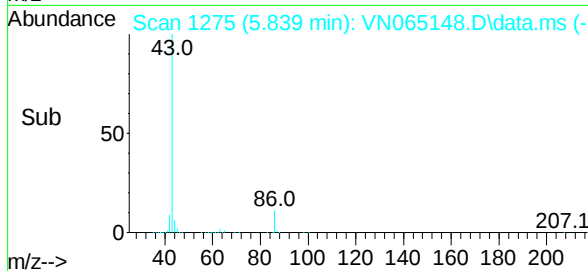
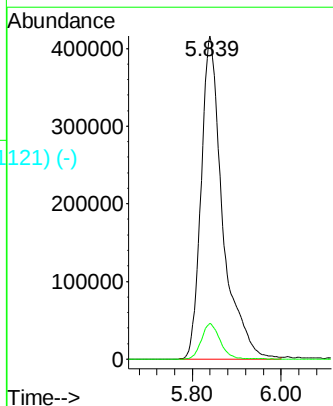
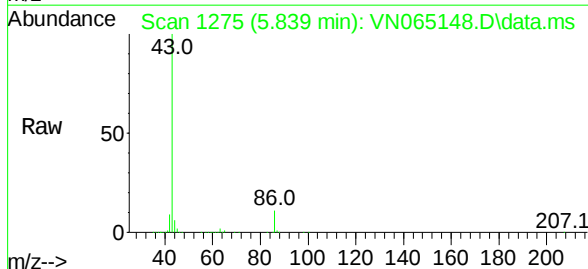


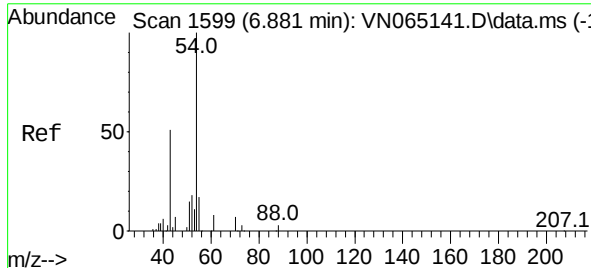
Abundance Scan 1276 (5.843 min): VN065141.D\data.ms (-12542-)



Vinyl Acetate
Concen: 89.03 ug/l m
RT: 5.839 min Scan# 1275
Delta R.T. -0.003 min
Lab File: VN065148.D
Acq: 15 Dec 2020 17:48

Tgt Ion: 43 Resp: 1403322
Ion Ratio Lower Upper
43 100
86 0.0 6.3 9.5#





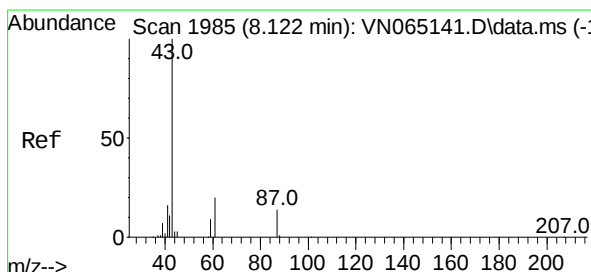
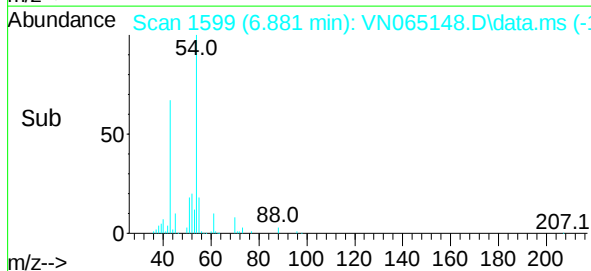
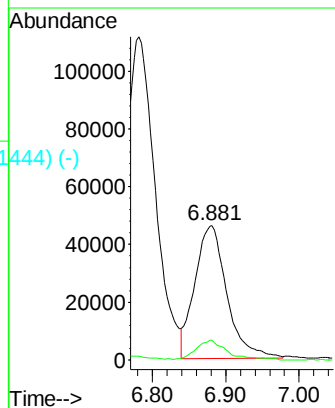
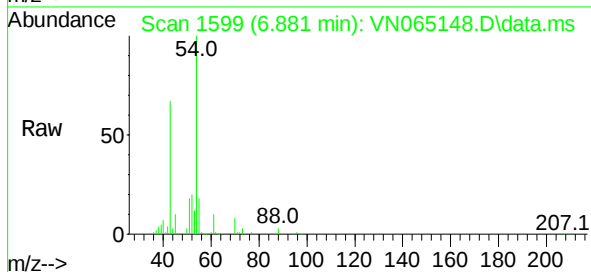
Ethyl Acetate
Concen: 20.52 ug/l
RT: 6.881 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN065148.D
Acq: 15 Dec 2020 17:48

Tgt Ion: 43 Resp: 139866
Ion Ratio Lower Upper
43 100
45 11.5 10.9 16.3

Instrument :
MSVOA_N
ClientSampleId :
VN1215WBS01

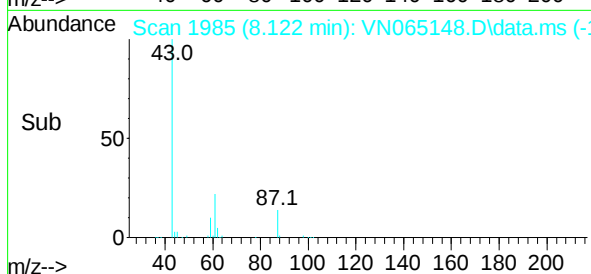
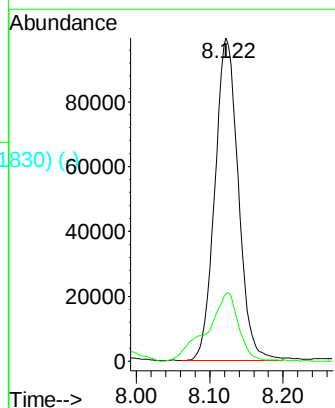
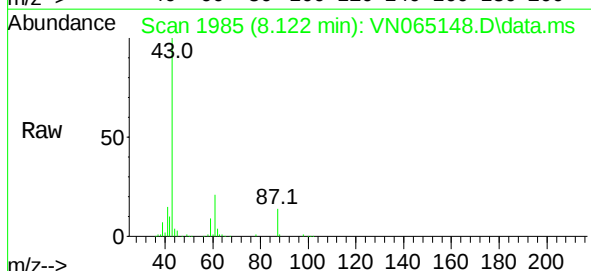
Manual Integrations
APPROVED

MMDadoda
12/16/2020 1:47:34 PM

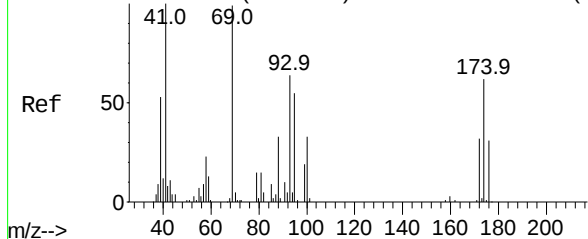


Isopropyl Acetate
Concen: 19.45 ug/l
RT: 8.122 min Scan# 1985
Delta R.T. -0.000 min
Lab File: VN065148.D
Acq: 15 Dec 2020 17:48

Tgt Ion: 43 Resp: 221860
Ion Ratio Lower Upper
43 100
61 20.8 13.0 19.4#



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

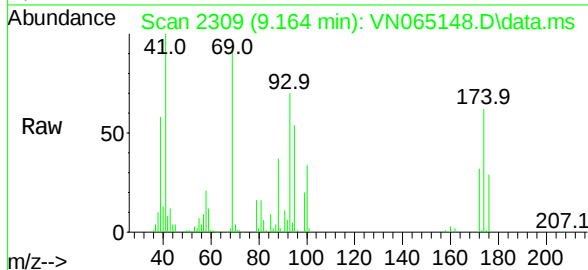


1,4-Dioxane
Concen: 376.26 ug/l
RT: 9.164 min Scan# 2309
Delta R.T. -0.000 min
Lab File: VN065148.D
Acq: 15 Dec 2020 17:48

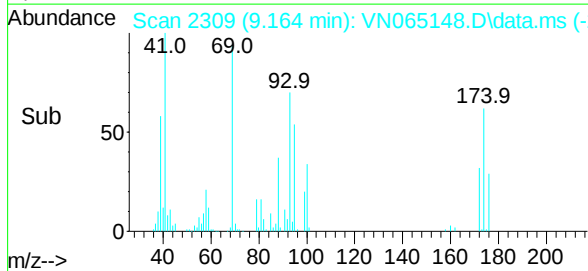
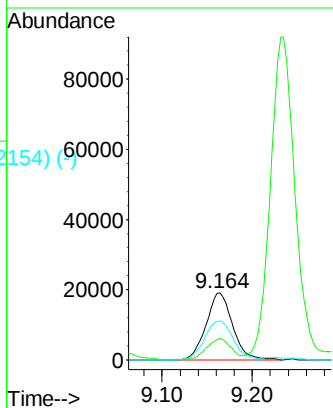
Instrument :
MSVOA_N
ClientSampleId :
VN1215WBS01

Manual Integrations
APPROVED

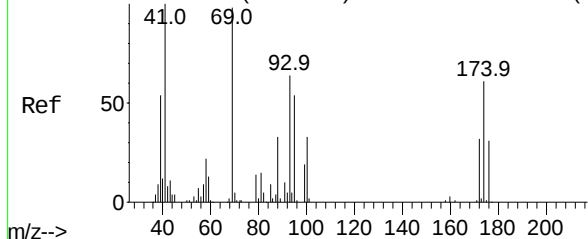
MMDadoda
12/16/2020 1:47:34 PM



Tgt Ion: 88 Resp: 38998
Ion Ratio Lower Upper
88 100
43 28.8 30.6 46.0#
58 62.5 57.9 86.9

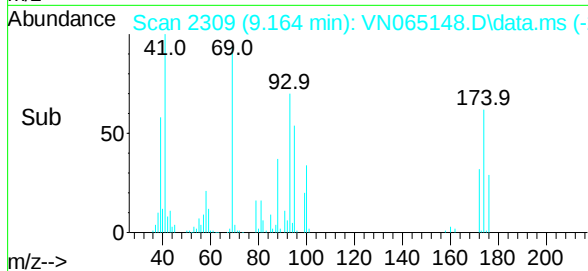
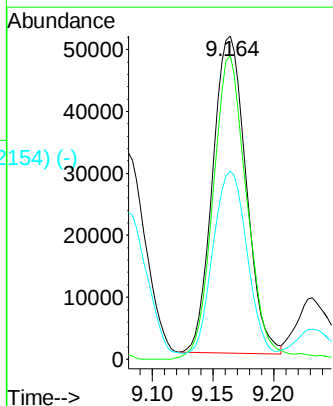
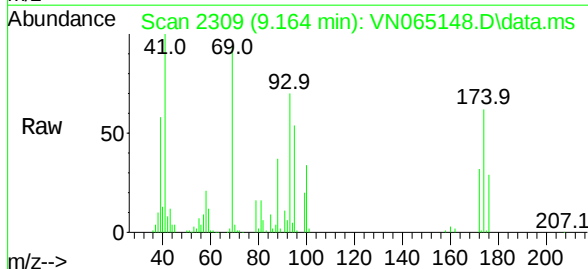


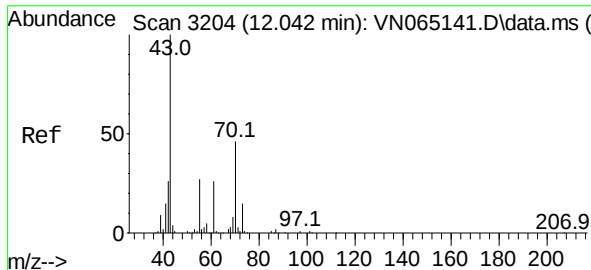
Abundance Scan 2309 (9.164 min): VN065141.D\data.ms (-22974-)



Methyl methacrylate
Concen: 16.84 ug/l
RT: 9.164 min Scan# 2309
Delta R.T. -0.000 min
Lab File: VN065148.D
Acq: 15 Dec 2020 17:48

Tgt Ion: 41 Resp: 97696
Ion Ratio Lower Upper
41 100
69 95.4 35.4 106.2
39 57.5 31.6 94.7





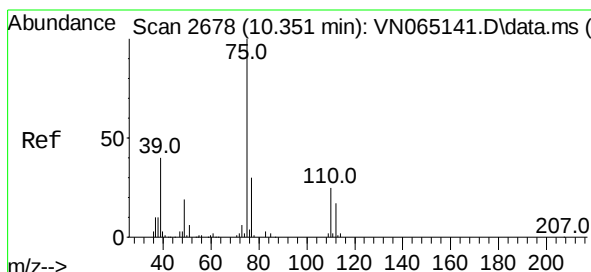
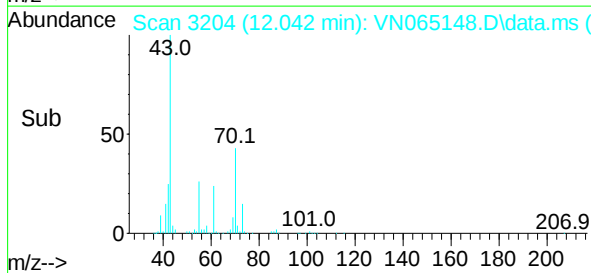
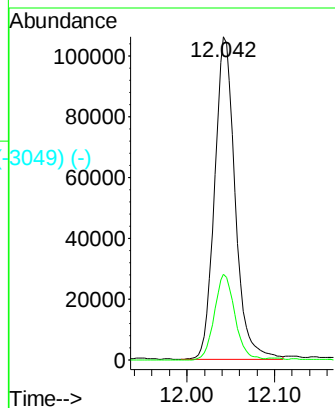
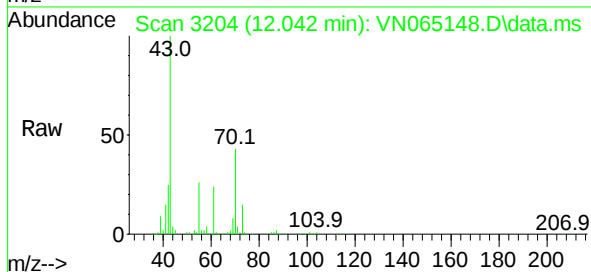
n-amy1 Acetate
Concen: 18.30 ug/l
RT: 12.042 min Scan# 3204
Delta R.T. -0.000 min
Lab File: VN065148.D
Acq: 15 Dec 2020 17:48

Instrument :
MSVOA_N
ClientSampleId :
VN1215WBS01

Tgt Ion: 43 Resp: 172506
Ion Ratio Lower Upper
43 100
55 26.5 19.2 28.8

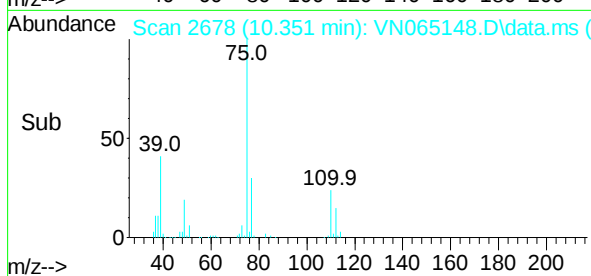
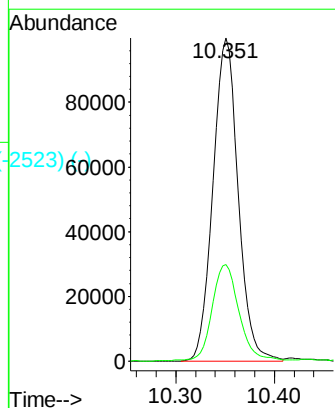
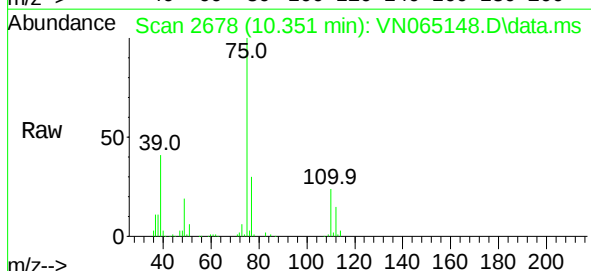
Manual Integrations
APPROVED

MMDadoda
12/16/2020 1:47:34 PM

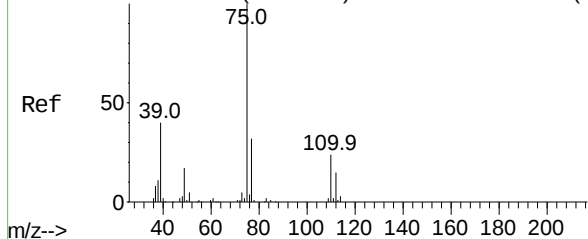


t-1,3-Dichloropropene
Concen: 18.48 ug/l
RT: 10.351 min Scan# 2678
Delta R.T. -0.000 min
Lab File: VN065148.D
Acq: 15 Dec 2020 17:48

Tgt Ion: 75 Resp: 178531
Ion Ratio Lower Upper
75 100
77 29.7 25.8 38.6



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



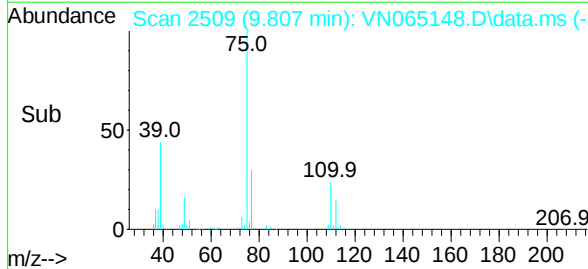
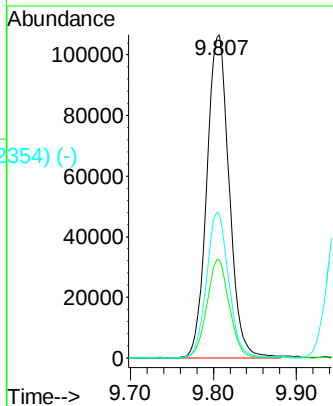
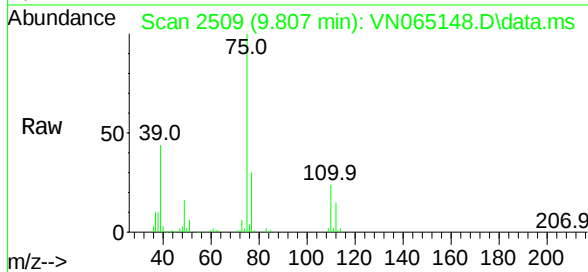
cis-1,3-Dichloropropene
Concen: 18.11 ug/l
RT: 9.807 min Scan# 2509
Delta R.T. -0.000 min
Lab File: VN065148.D
Acq: 15 Dec 2020 17:48

Tgt Ion: 75 Resp: 198758
Ion Ratio Lower Upper
75 100
77 30.4 24.8 37.2
39 44.3 47.4 71.0#

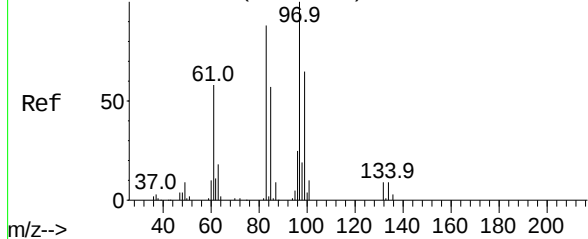
Instrument :
MSVOA_N
ClientSampleId :
VN1215WBS01

Manual Integrations
APPROVED

MMDadoda
12/16/2020 1:47:34 PM

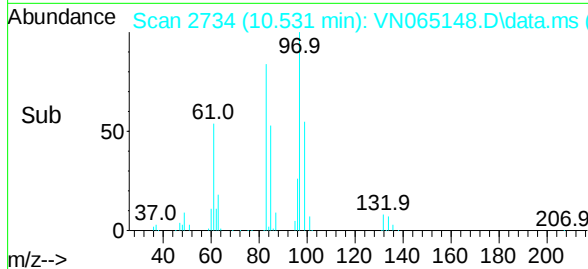
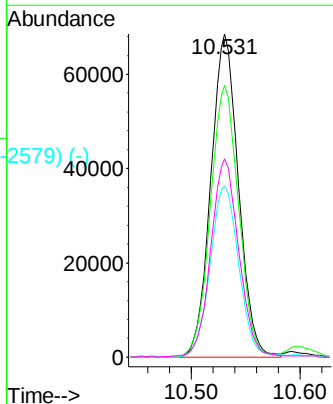
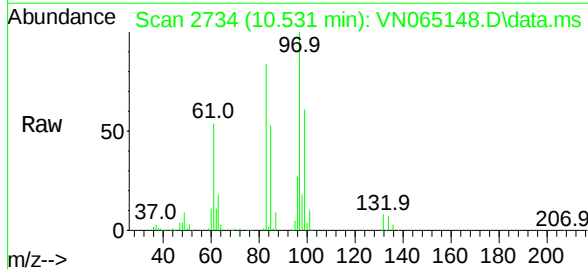


Abundance Scan 2734 (10.531 min): VN065141.D\data.ms (-2750) (-)



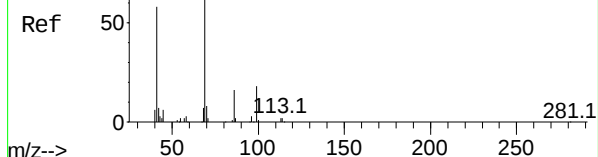
1,1,2-Trichloroethane
Concen: 19.08 ug/l
RT: 10.531 min Scan# 2734
Delta R.T. -0.000 min
Lab File: VN065148.D
Acq: 15 Dec 2020 17:48

Tgt Ion: 97 Resp: 120450
Ion Ratio Lower Upper
97 100
83 84.2 74.2 111.4
85 53.0 44.8 67.2
99 61.0 50.5 75.7

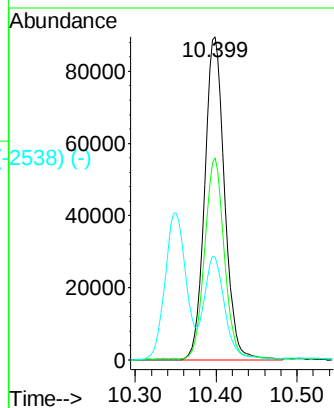
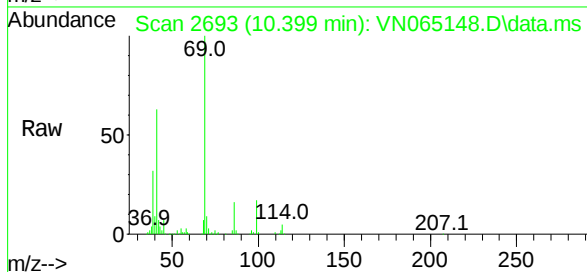


Abundance Scan 2693 (10.399 min): VN065141.D\data.ms (-2650) (-)

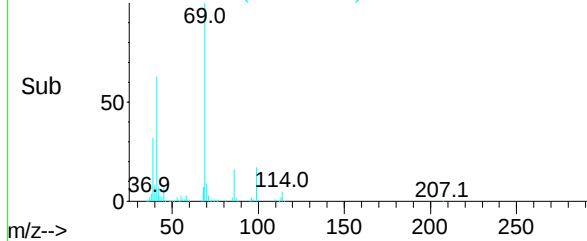
Ethyl methacrylate
Concen: 18.24 ug/l
RT: 10.399 min Scan# 2693
Delta R.T. -0.000 min
Lab File: VN065148.D
Acq: 15 Dec 2020 17:48



Tgt Ion:	69	Resp:	154181
Ion	Ratio	Lower	Upper
69	100		
41	62.3	35.4	106.1
39	31.3	24.1	72.2

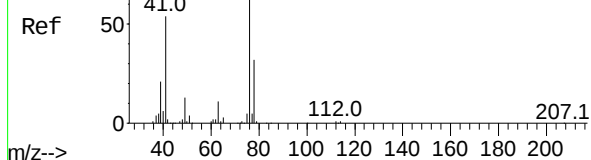


Abundance Scan 2693 (10.399 min): VN065148.D\data.ms (-2538) (-)

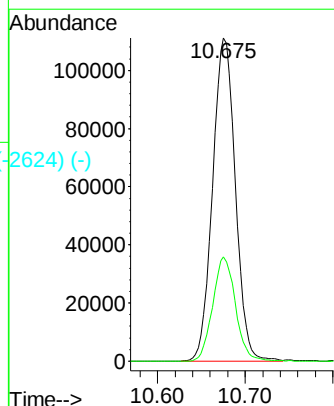
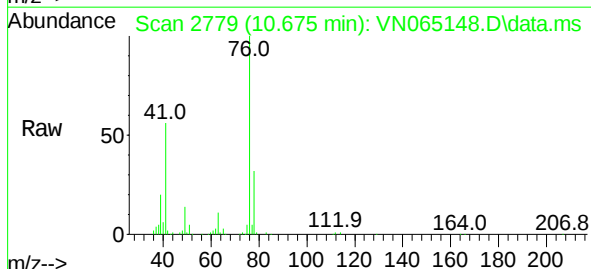


Abundance Scan 2779 (10.675 min): VN065141.D\data.ms (-2752) (-)

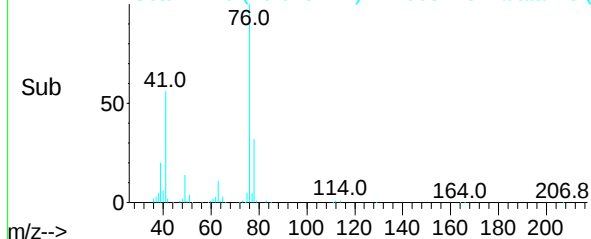
1,3-Dichloropropane
Concen: 19.10 ug/l
RT: 10.675 min Scan# 2779
Delta R.T. -0.000 min
Lab File: VN065148.D
Acq: 15 Dec 2020 17:48



Tgt Ion:	76	Resp:	199979
Ion	Ratio	Lower	Upper
76	100		
78	32.2	0.0	65.2



Abundance Scan 2779 (10.675 min): VN065148.D\data.ms (-2624) (-)



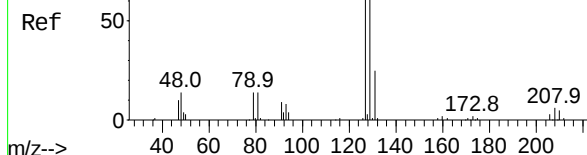
Instrument :
MSVOA_N
ClientSampleId :
VN1215WBS01

Manual Integrations
APPROVED

MMDadoda
12/16/2020 1:47:34 PM

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

Dibromochloromethane
Concen: 18.41 ug/l
RT: 10.868 min Scan# 2839
Delta R.T. -0.003 min
Lab File: VN065148.D
Acq: 15 Dec 2020 17:48

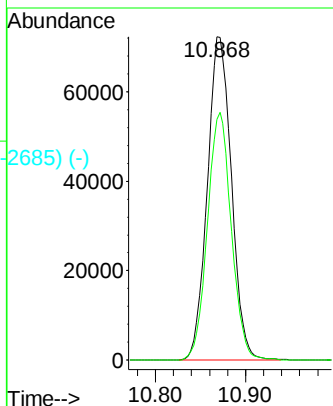
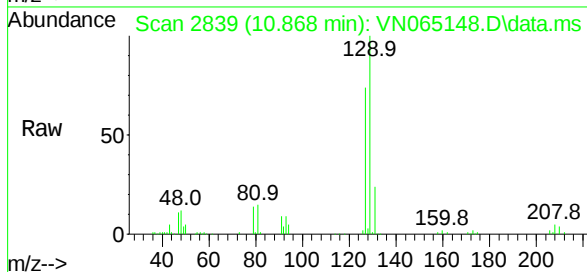


Tgt Ion:129 Resp: 134646
Ion Ratio Lower Upper
129 100
127 75.7 39.1 117.2

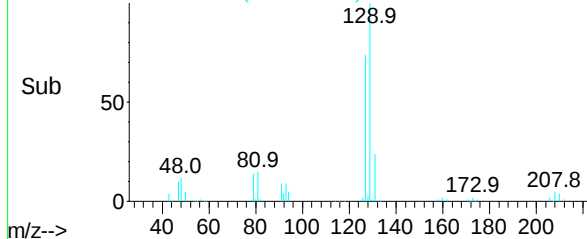
Instrument :
MSVOA_N
ClientSampled :
VN1215WBS01

Manual Integrations
APPROVED

MMDadoda
12/16/2020 1:47:34 PM

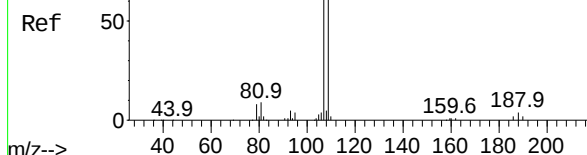


Abundance Scan 2839 (10.868 min): VN065148.D\data.ms (-2685) (-)

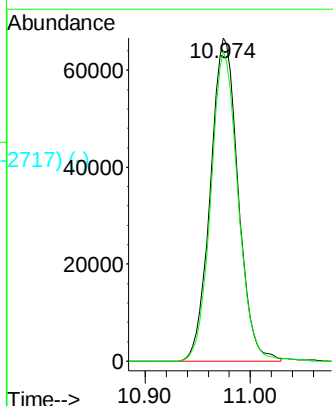
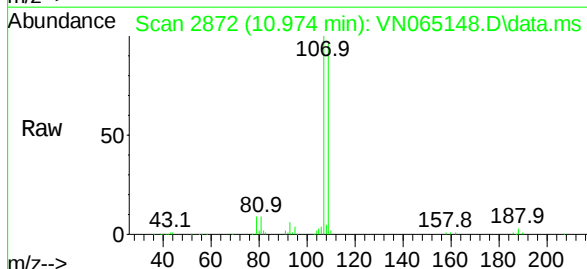


Abundance Scan 2872 (10.974 min): VN065141.D\data.ms (-2659) (-)

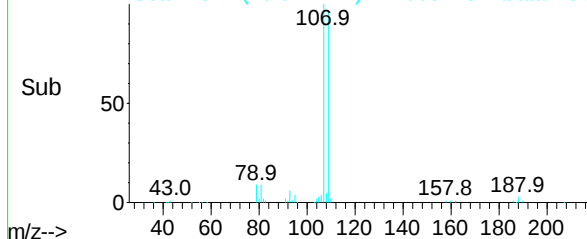
1,2-Dibromoethane
Concen: 18.53 ug/l
RT: 10.974 min Scan# 2872
Delta R.T. -0.000 min
Lab File: VN065148.D
Acq: 15 Dec 2020 17:48



Tgt Ion:107 Resp: 122051
Ion Ratio Lower Upper
107 100
109 94.1 77.2 115.8

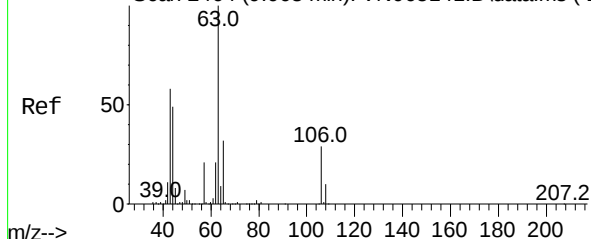


Abundance Scan 2872 (10.974 min): VN065148.D\data.ms (-2717) (-)



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

2-Chloroethyl vinyl ether
Concen: 88.64 ug/l
RT: 9.662 min Scan# 2464
Delta R.T. -0.000 min
Lab File: VN065148.D
Acq: 15 Dec 2020 17:48

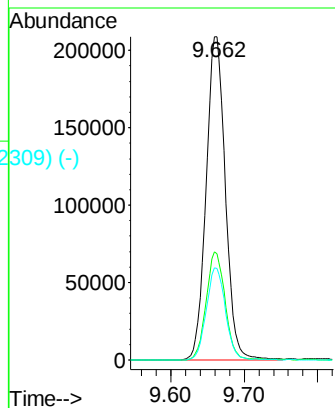
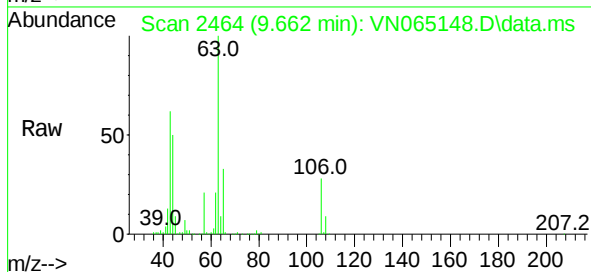


Tgt Ion	Ratio	Lower	Upper
63	100		
65	32.7	25.7	38.5
106	28.2	19.9	29.9

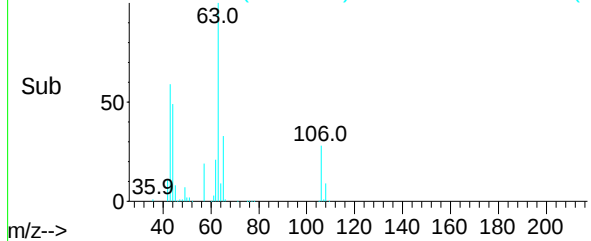
Instrument :
MSVOA_N
ClientSampleId :
VN1215WBS01

Manual Integrations
APPROVED

MMDadoda
12/16/2020 1:47:34 PM

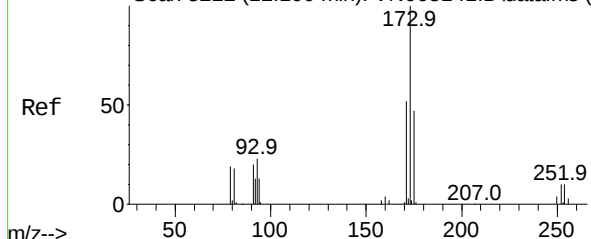


Abundance Scan 2464 (9.662 min): VN065148.D\data.ms (-2309) (-)

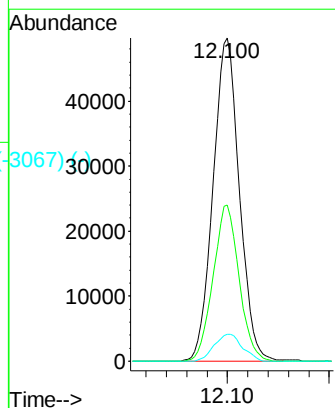
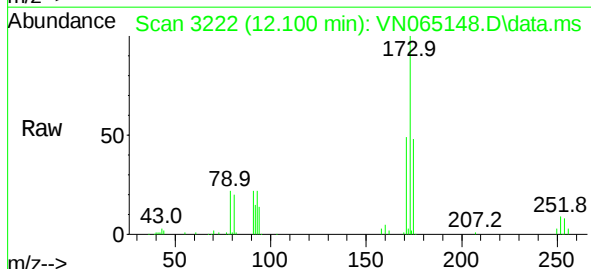


Abundance Scan 3222 (12.100 min): VN065141.D\data.ms (-3256) (-)

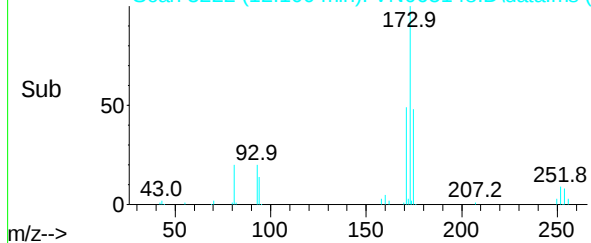
Bromoform
Concen: 17.90 ug/l
RT: 12.100 min Scan# 3222
Delta R.T. -0.000 min
Lab File: VN065148.D
Acq: 15 Dec 2020 17:48

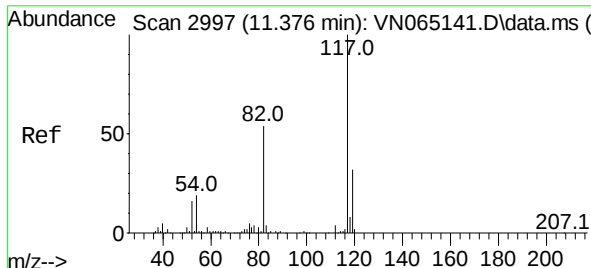


Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.7	37.1	55.7
254	8.8	5.4	8.2#



Abundance Scan 3222 (12.100 min): VN065148.D\data.ms (-3067) (-)





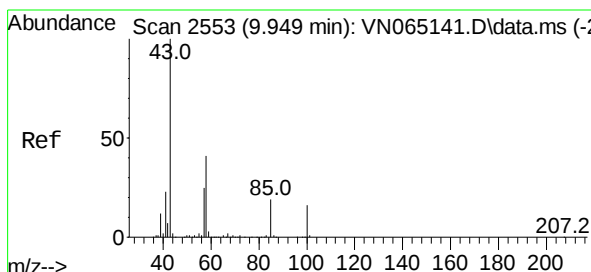
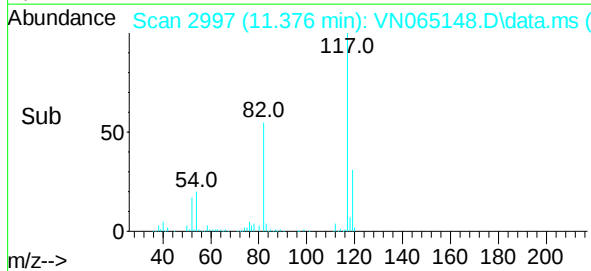
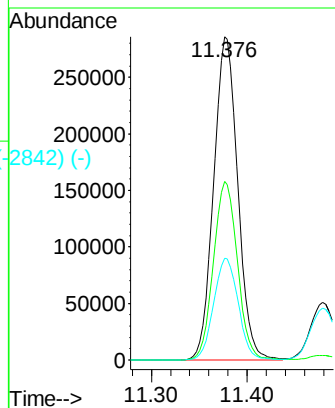
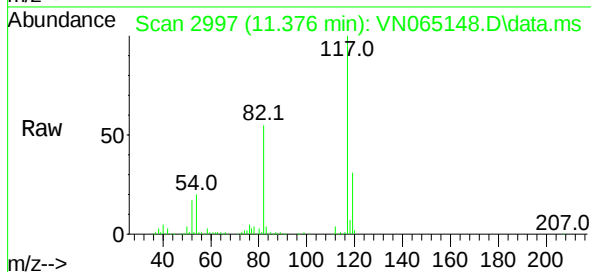
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. -0.000 min
Lab File: VN065148.D
Acq: 15 Dec 2020 17:48

Tgt Ion: 117 Resp: 497778
Ion Ratio Lower Upper
117 100
82 55.0 47.8 71.8
119 32.1 25.7 38.5

Instrument :
MSVOA_N
ClientSampleId :
VN1215WBS01

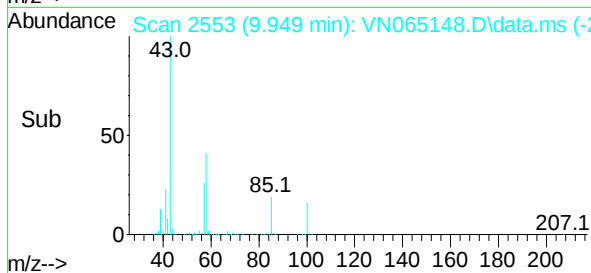
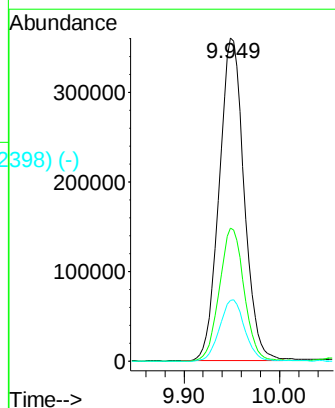
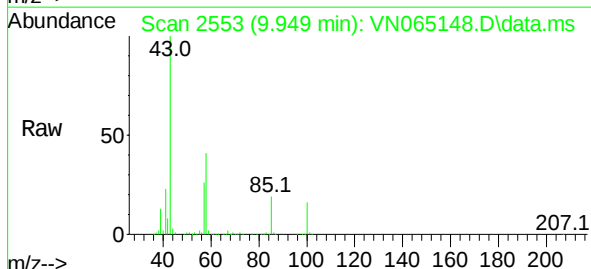
Manual Integrations
APPROVED

MMDadoda
12/16/2020 1:47:34 PM



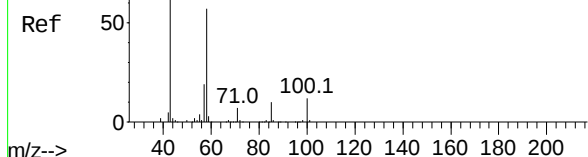
4-Methyl-2-Pentanone
Concen: 89.78 ug/l
RT: 9.949 min Scan# 2553
Delta R.T. -0.000 min
Lab File: VN065148.D
Acq: 15 Dec 2020 17:48

Tgt Ion: 43 Resp: 651131
Ion Ratio Lower Upper
43 100
58 41.0 28.8 43.2
85 19.1 12.3 18.5#

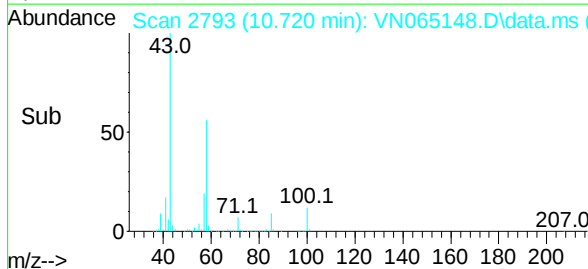
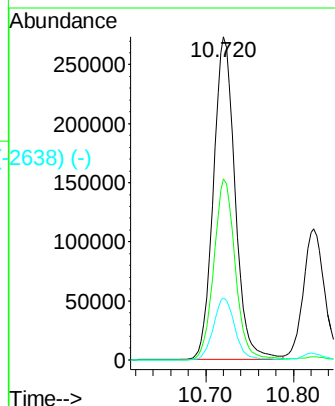
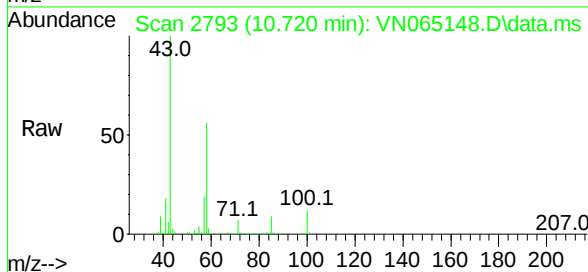


Abundance Scan 2793 (10.720 min): VN065141.D\data.ms (-2759) (-)

2-Hexanone
Concen: 97.20 ug/l
RT: 10.720 min Scan# 2793
Delta R.T. -0.000 min
Lab File: VN065148.D
Acq: 15 Dec 2020 17:48

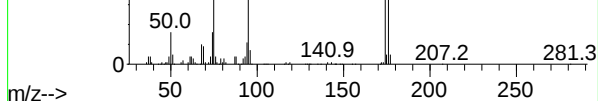


Tgt Ion:	43	Resp:	468037
Ion	Ratio	Lower	Upper
43	100		
58	55.5	38.2	57.4
57	18.9	13.8	20.8

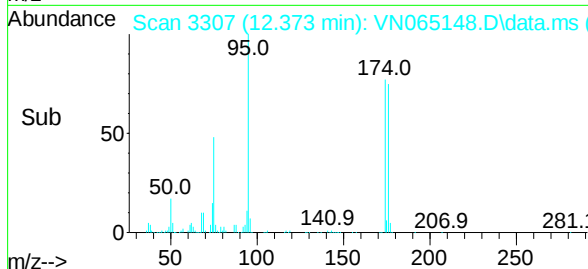
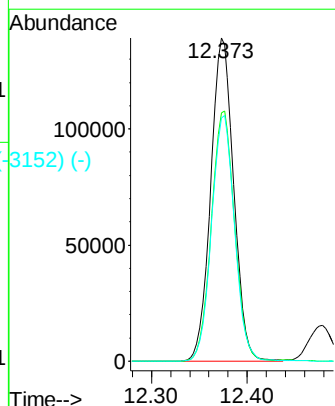
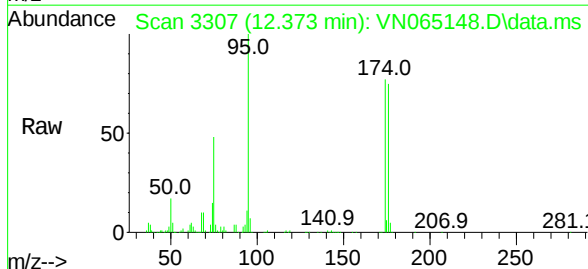


Abundance Scan 3307 (12.373 min): VN065141.D\data.ms (-3260) (-)

4-Bromofluorobenzene
Concen: 29.63 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.000 min
Lab File: VN065148.D
Acq: 15 Dec 2020 17:48



Tgt Ion:	95	Resp:	231754
Ion	Ratio	Lower	Upper
95	100		
174	78.4	56.4	84.6
176	76.1	53.3	79.9

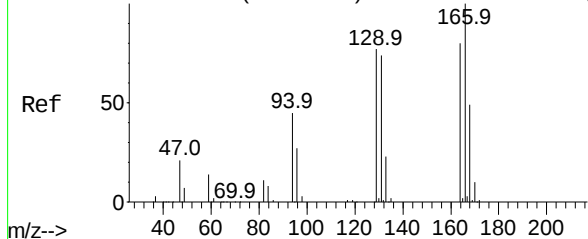


Instrument :
MSVOA_N
ClientSampleId :
VN1215WBS01

Manual Integrations
APPROVED

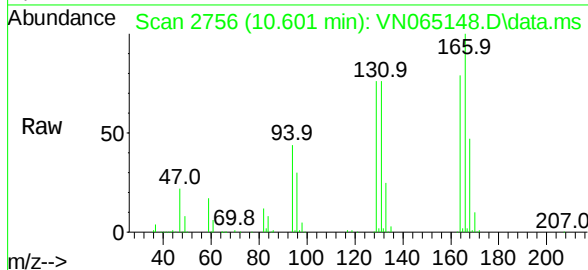
MMDadoda
12/16/2020 1:47:34 PM

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



Tetrachloroethene
Concen: 19.76 ug/l
RT: 10.601 min Scan# 2756
Delta R.T. -0.000 min
Lab File: VN065148.D
Acq: 15 Dec 2020 17:48

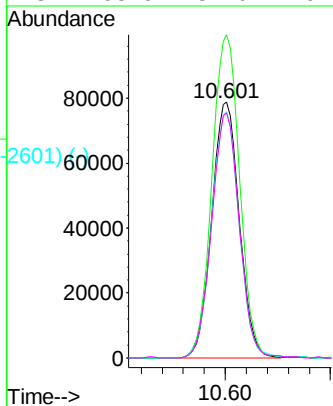
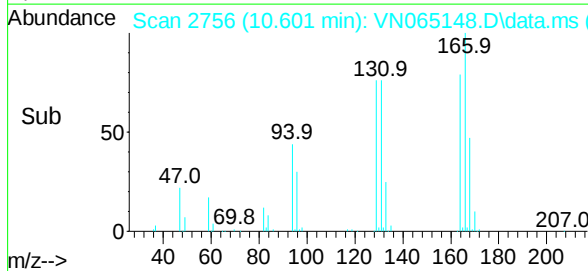
Instrument :
MSVOA_N
ClientSampleId :
VN1215WBS01



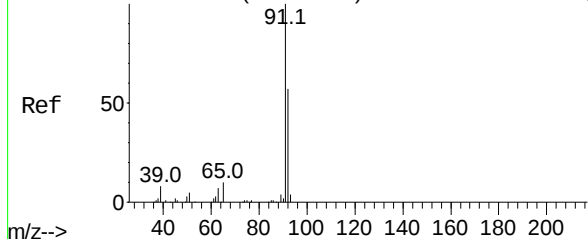
Tgt Ion:	164	Resp:	143057
Ion	Ratio	Lower	Upper
164	100		
166	126.3	103.2	154.8
129	96.2	86.4	129.6
131	95.9	84.0	126.0

Manual Integrations
APPROVED

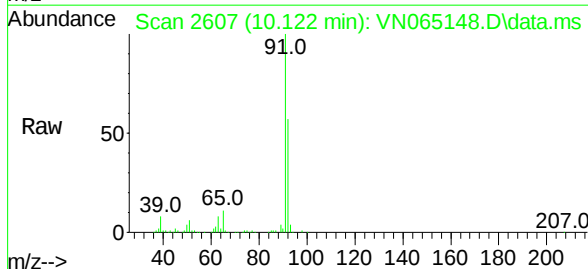
MMDadoda
12/16/2020 1:47:34 PM



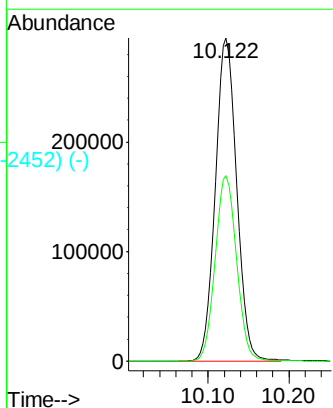
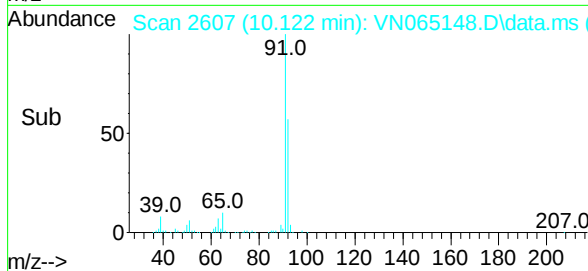
Abundance Scan 2607 (10.122 min): VN065141.D\data.ms (-2562) (-)



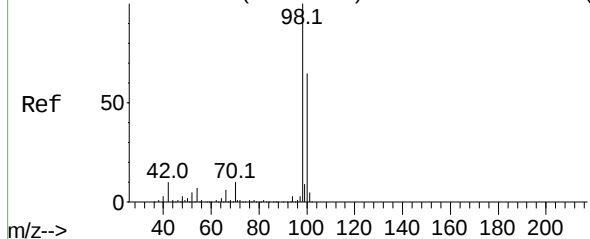
Toluene
Concen: 19.41 ug/l
RT: 10.122 min Scan# 2607
Delta R.T. -0.000 min
Lab File: VN065148.D
Acq: 15 Dec 2020 17:48



Tgt Ion:	91	Resp:	535370
Ion	Ratio	Lower	Upper
91	100		
92	57.4	45.4	68.2



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



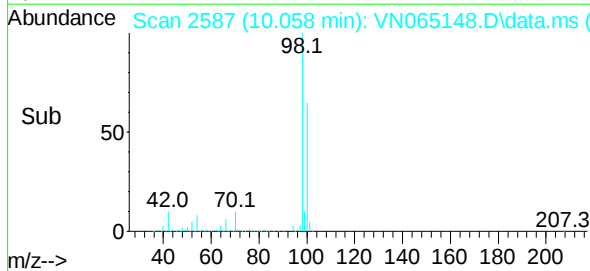
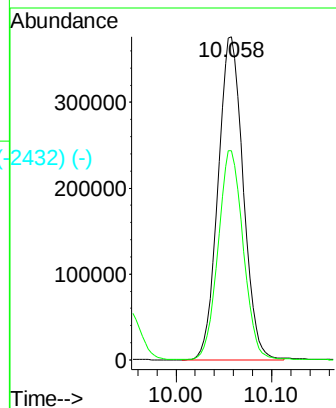
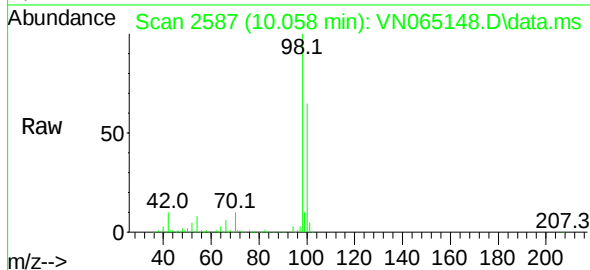
Toluene-d8
Concen: 28.63 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. -0.000 min
Lab File: VN065148.D
Acq: 15 Dec 2020 17:48

Tgt Ion: 98 Resp: 687921
Ion Ratio Lower Upper
98 100
100 64.4 49.4 74.2

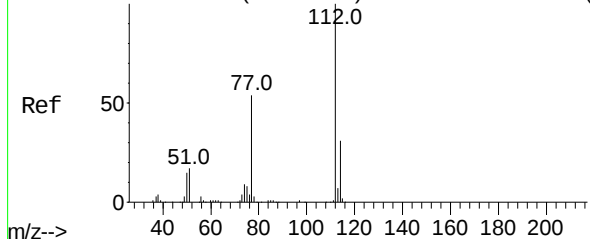
Instrument :
MSVOA_N
ClientSampleId :
VN1215WBS01

Manual Integrations
APPROVED

MMDadoda
12/16/2020 1:47:34 PM

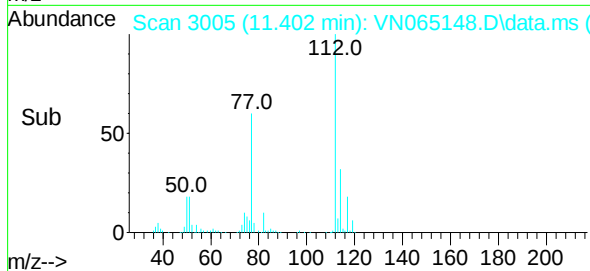
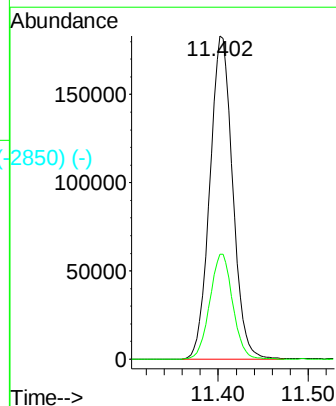
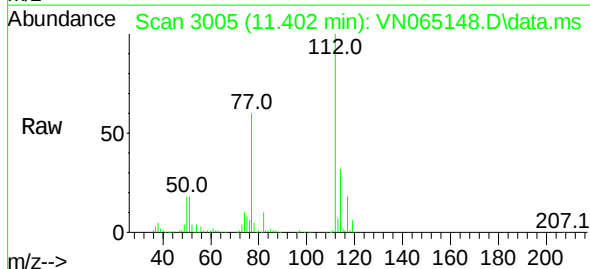


Abundance Scan 3005 (11.402 min): VN065141.D\data.ms (-2587) (-)



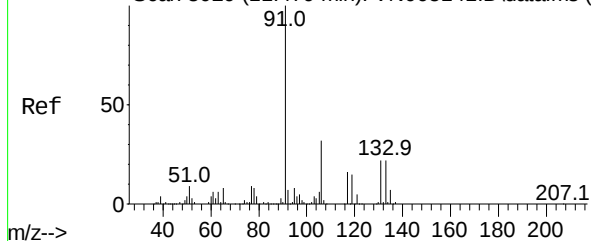
Chlorobenzene
Concen: 18.79 ug/l
RT: 11.402 min Scan# 3005
Delta R.T. -0.000 min
Lab File: VN065148.D
Acq: 15 Dec 2020 17:48

Tgt Ion:112 Resp: 322971
Ion Ratio Lower Upper
112 100
114 32.4 25.0 37.6



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

1,1,1,2-Tetrachloroethane
Concen: 19.07 ug/l
RT: 11.479 min Scan# 3029
Delta R.T. -0.000 min
Lab File: VN065148.D
Acq: 15 Dec 2020 17:48

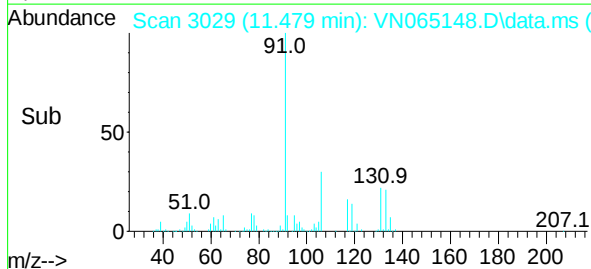
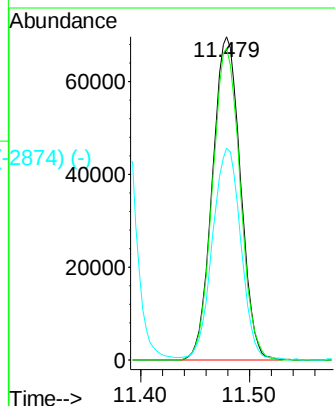
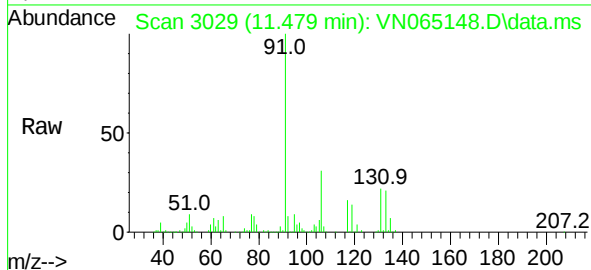


Tgt Ion:131 Resp: 124405
Ion Ratio Lower Upper
131 100
133 95.2 0.0 191.2
119 66.5 0.0 131.6

Instrument :
MSVOA_N
ClientSampleId :
VN1215WBS01

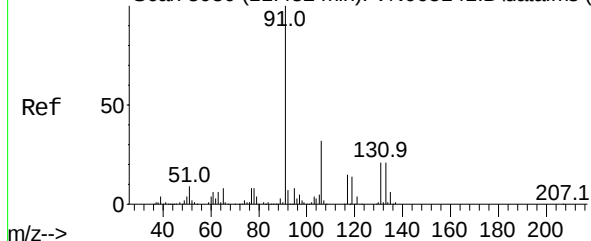
Manual Integrations
APPROVED

MMDadoda
12/16/2020 1:47:34 PM

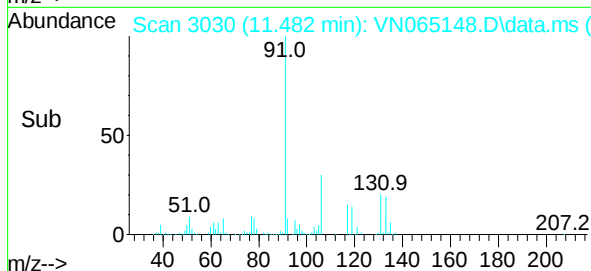
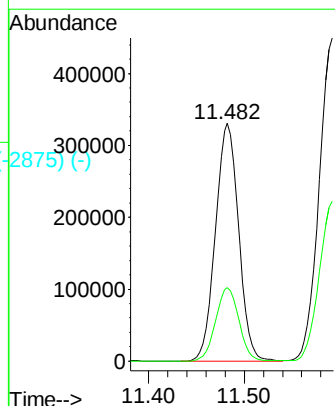
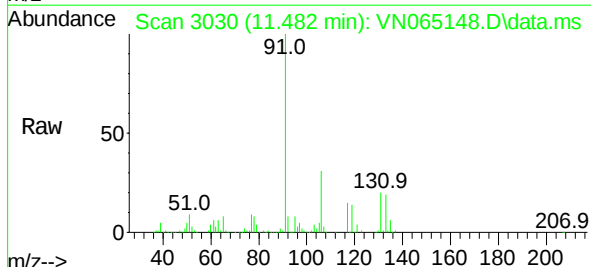


Abundance Scan 3030 (11.482 min): VN065141.D\data.ms (-3066) (-)

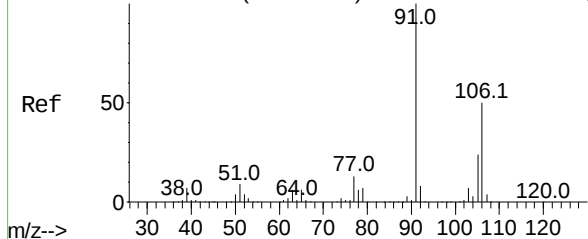
Ethyl Benzene
Concen: 19.00 ug/l
RT: 11.482 min Scan# 3030
Delta R.T. -0.000 min
Lab File: VN065148.D
Acq: 15 Dec 2020 17:48



Tgt Ion: 91 Resp: 555381
Ion Ratio Lower Upper
91 100
106 31.0 23.9 35.9



Abundance Scan 3064 (11.592 min): VN065141.D\data.ms (-3064) (-)



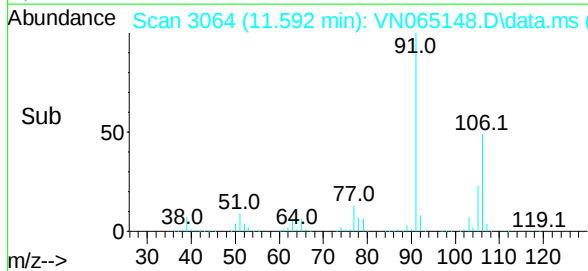
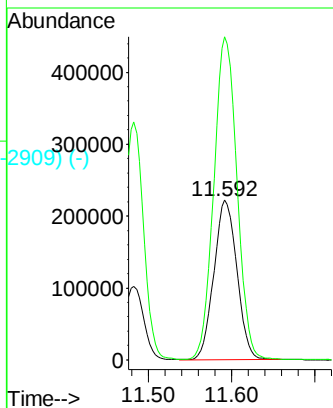
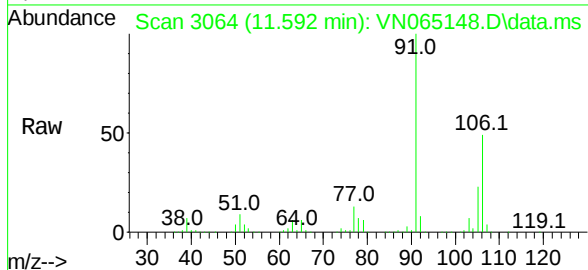
m/p-Xylenes
Concen: 37.57 ug/l
RT: 11.592 min Scan# 3064
Delta R.T. -0.000 min
Lab File: VN065148.D
Acq: 15 Dec 2020 17:48

Tgt Ion:106 Resp: 427688
Ion Ratio Lower Upper
106 100
91 203.7 168.8 253.2

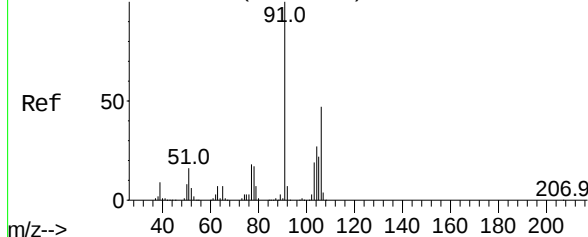
Instrument :
MSVOA_N
ClientSampleId :
VN1215WBS01

Manual Integrations
APPROVED

MMDadoda
12/16/2020 1:47:34 PM

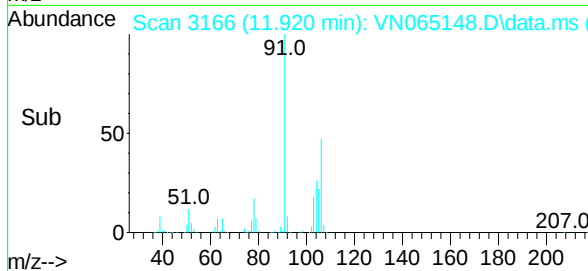
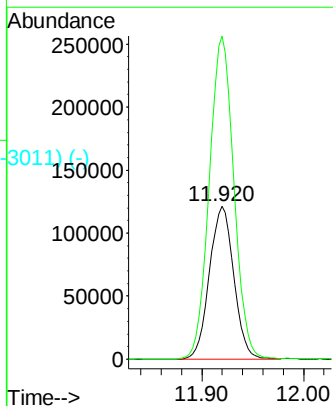
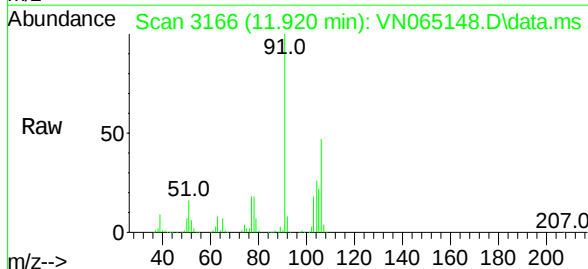


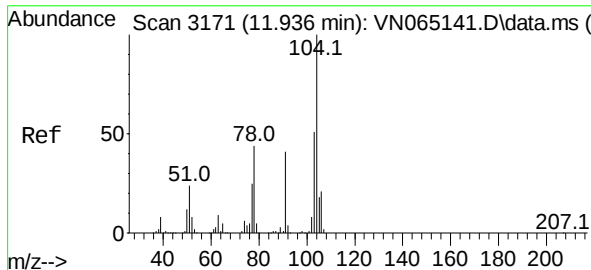
Abundance Scan 3166 (11.920 min): VN065141.D\data.ms (-3166) (-)



o-Xylene
Concen: 18.79 ug/l
RT: 11.920 min Scan# 3166
Delta R.T. -0.000 min
Lab File: VN065148.D
Acq: 15 Dec 2020 17:48

Tgt Ion:106 Resp: 202212
Ion Ratio Lower Upper
106 100
91 212.4 109.7 329.2





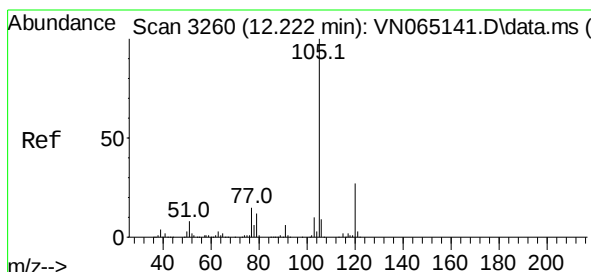
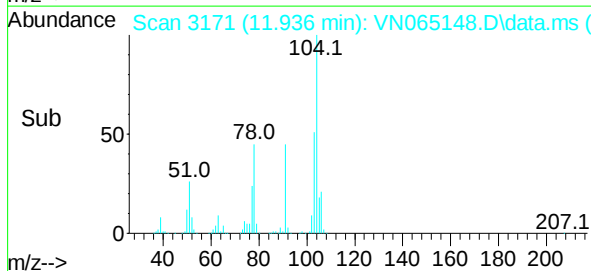
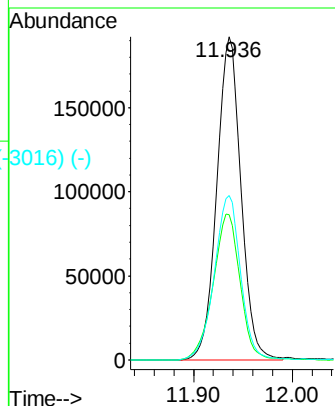
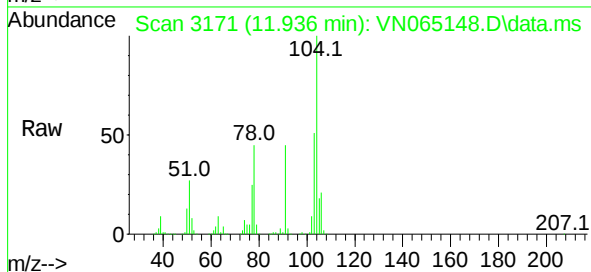
Styrene
Concen: 18.49 ug/l
RT: 11.936 min Scan# 3171
Delta R.T. -0.000 min
Lab File: VN065148.D
Acq: 15 Dec 2020 17:48

Instrument :
MSVOA_N
ClientSampleId :
VN1215WBS01

Tgt Ion	Ratio	Lower	Upper
104	100		
78	50.0	44.4	66.6
103	55.3	44.6	67.0

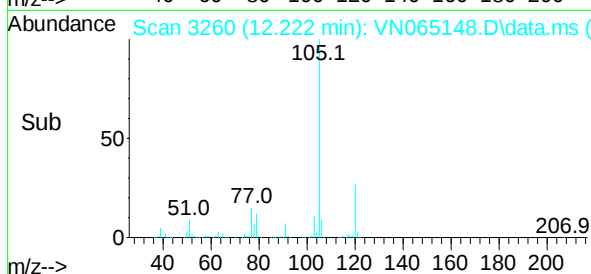
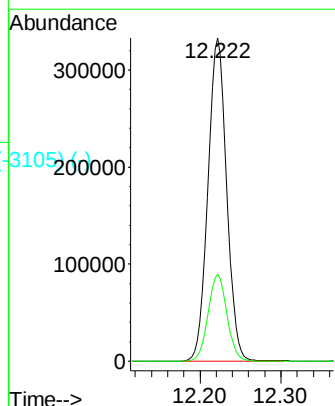
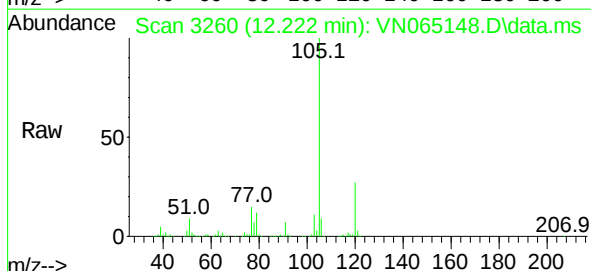
Manual Integrations
APPROVED

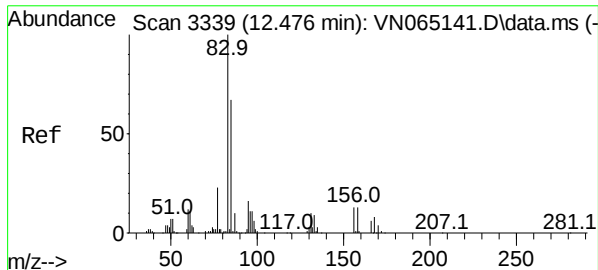
MMDadoda
12/16/2020 1:47:34 PM



Isopropylbenzene
Concen: 19.13 ug/l
RT: 12.222 min Scan# 3260
Delta R.T. -0.000 min
Lab File: VN065148.D
Acq: 15 Dec 2020 17:48

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.0	17.9	33.3





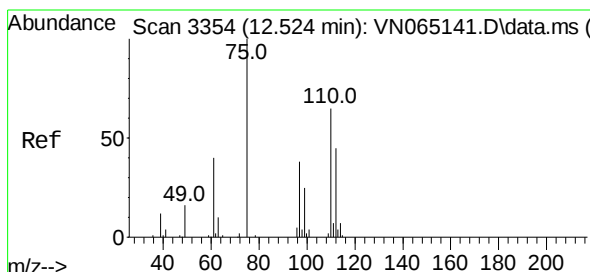
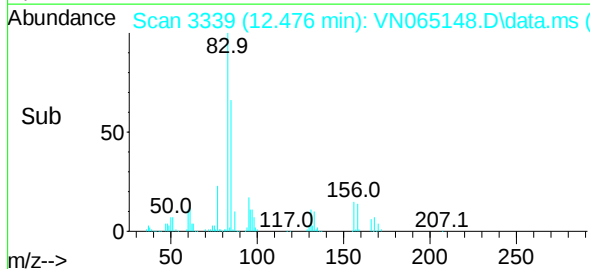
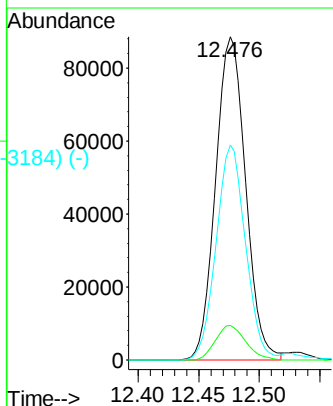
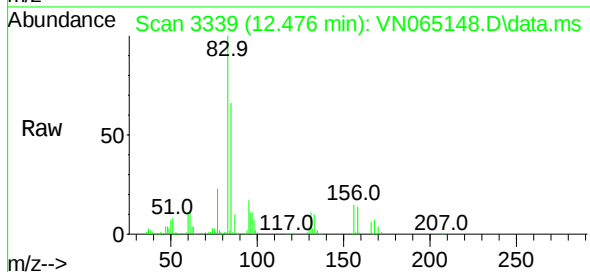
Scan 3339 (12.476 min): VN065141.D\data.ms (-3376) (-)
 1,1,2,2-Tetrachloroethane
 Concen: 18.64 ug/l
 RT: 12.476 min Scan# 3339
 Delta R.T. -0.000 min
 Lab File: VN065148.D
 Acq: 15 Dec 2020 17:48

Tgt Ion:	83	Resp:	151860
Ion	Ratio	Lower	Upper
83	100		
131	10.7	4.6	13.8
85	64.8	31.4	94.0

Instrument :
 MSVOA_N
 ClientSampled :
 VN1215WBS01

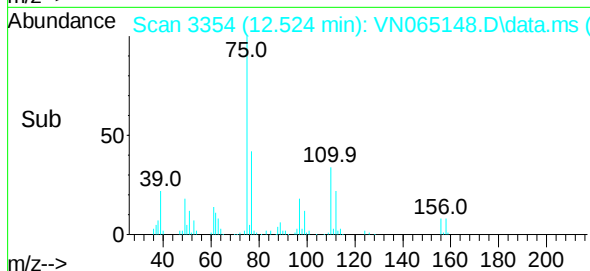
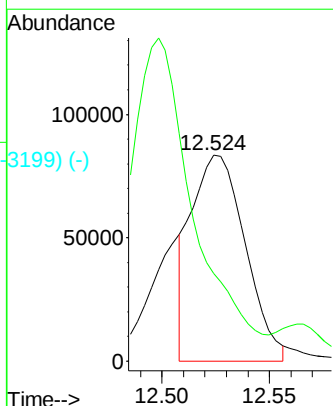
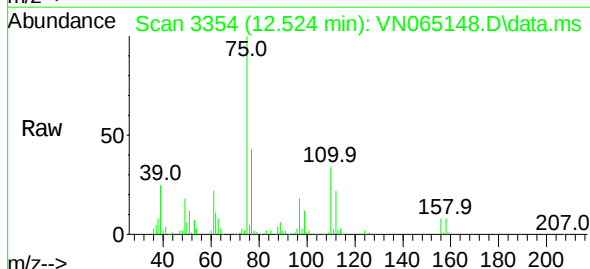
Manual Integrations
 APPROVED

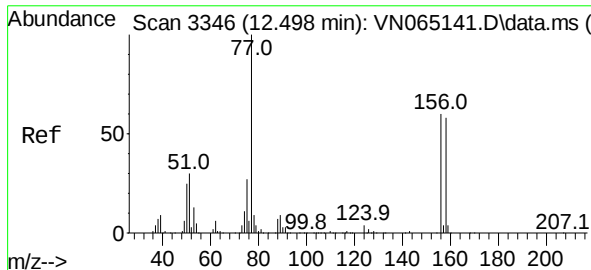
MMDadoda
 12/16/2020 1:47:34 PM



Scan 3354 (12.524 min): VN065141.D\data.ms (-3379) (-)
 1,2,3-Trichloropropane
 Concen: 18.61 ug/l m
 RT: 12.524 min Scan# 3354
 Delta R.T. -0.000 min
 Lab File: VN065148.D
 Acq: 15 Dec 2020 17:48

Tgt Ion:	75	Resp:	145191
Ion	Ratio	Lower	Upper
75	100		
77	188.0	0.0	379.4





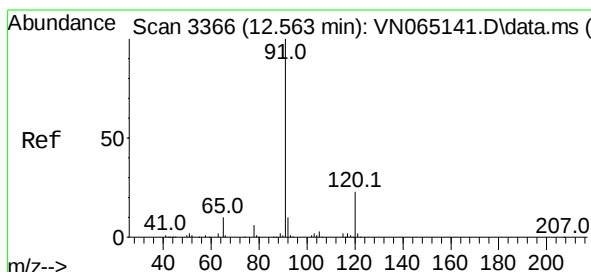
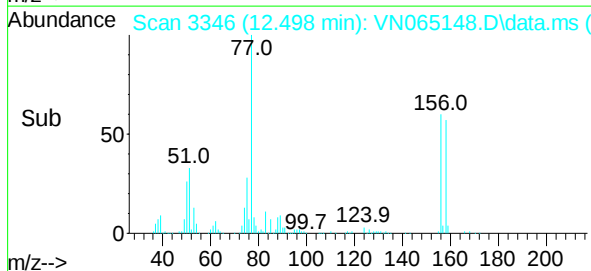
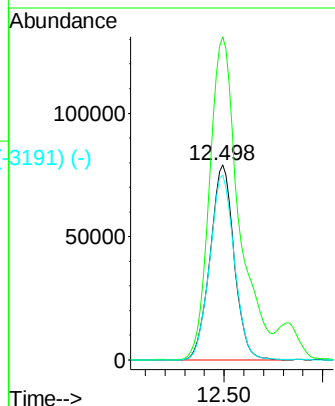
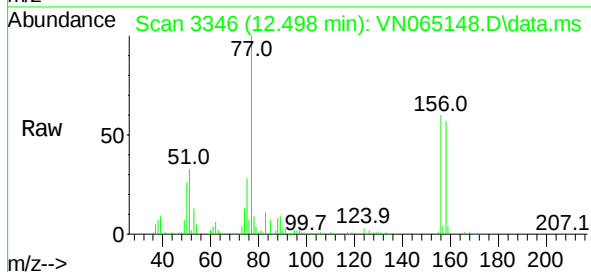
Bromobenzene
Concen: 18.36 ug/l
RT: 12.498 min Scan# 3346
Delta R.T. -0.000 min
Lab File: VN065148.D
Acq: 15 Dec 2020 17:48

Tgt Ion: 156 Resp: 134058
Ion Ratio Lower Upper
156 100
77 203.6 0.0 480.2
158 97.2 0.0 194.0

Instrument :
MSVOA_N
ClientSampleId :
VN1215WBS01

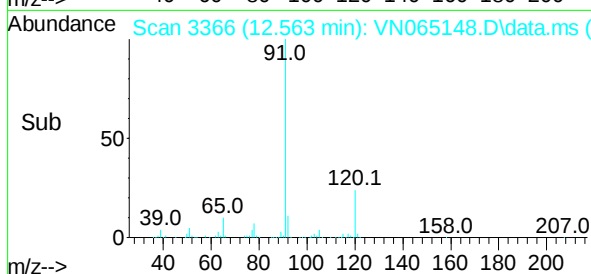
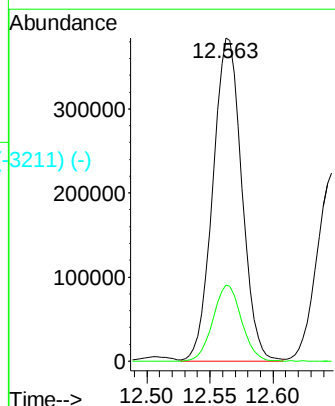
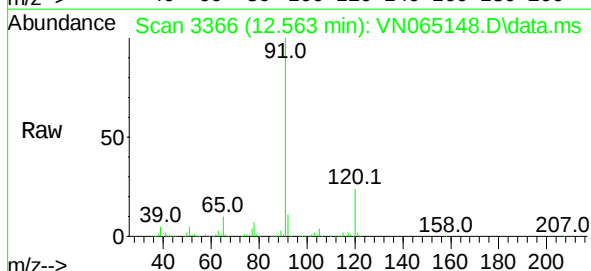
Manual Integrations
APPROVED

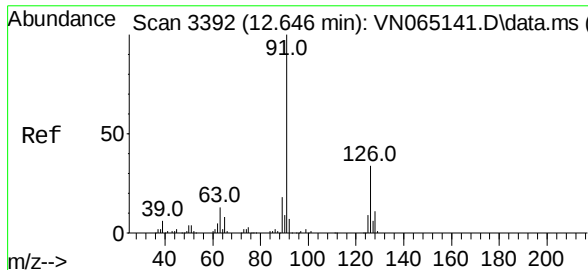
MMDadoda
12/16/2020 1:47:34 PM



n-propylbenzene
Concen: 19.05 ug/l
RT: 12.563 min Scan# 3366
Delta R.T. -0.000 min
Lab File: VN065148.D
Acq: 15 Dec 2020 17:48

Tgt Ion: 91 Resp: 611098
Ion Ratio Lower Upper
91 100
120 23.2 0.0 42.8





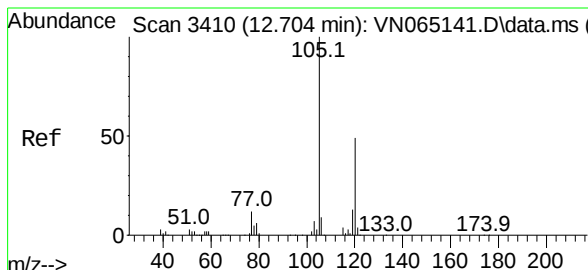
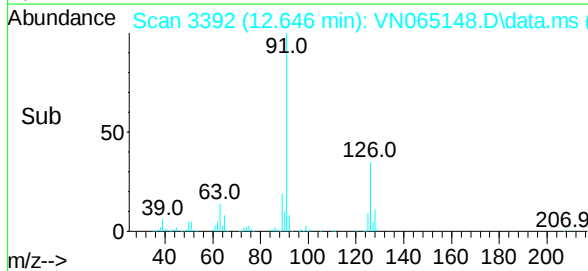
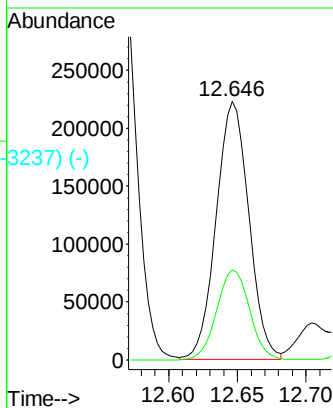
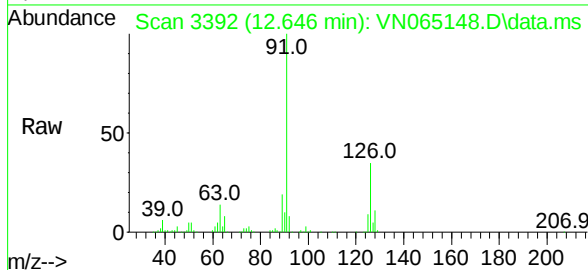
2-Chlorotoluene
Concen: 18.93 ug/l
RT: 12.646 min Scan# 3392
Delta R.T. -0.000 min
Lab File: VN065148.D
Acq: 15 Dec 2020 17:48

Tgt Ion: 91 Resp: 369441
Ion Ratio Lower Upper
91 100
126 35.0 0.0 61.8

Instrument :
MSVOA_N
ClientSampleId :
VN1215WBS01

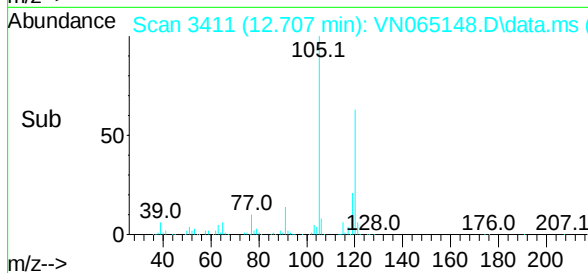
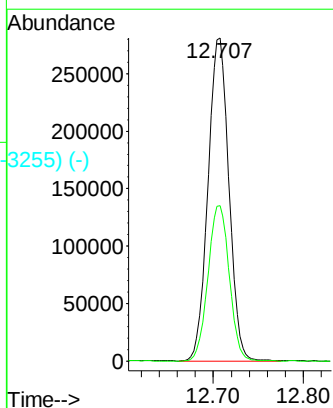
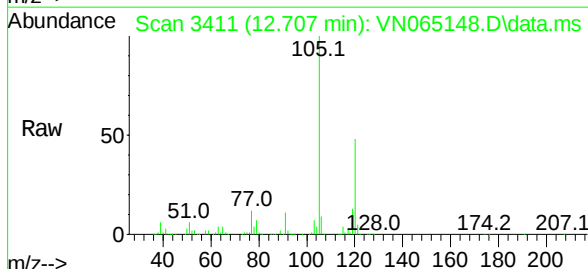
Manual Integrations
APPROVED

MMDadoda
12/16/2020 1:47:34 PM



1,3,5-Trimethylbenzene
Concen: 18.67 ug/l
RT: 12.707 min Scan# 3411
Delta R.T. 0.003 min
Lab File: VN065148.D
Acq: 15 Dec 2020 17:48

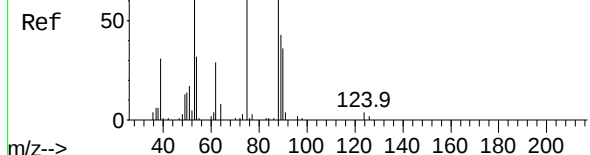
Tgt Ion: 105 Resp: 452883
Ion Ratio Lower Upper
105 100
120 49.3 0.0 90.4



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

t-1,4-Dichloro-2-butene
Concen: 18.38 ug/l
RT: 12.273 min Scan# 3276
Delta R.T. -0.000 min
Lab File: VN065148.D
Acq: 15 Dec 2020 17:48

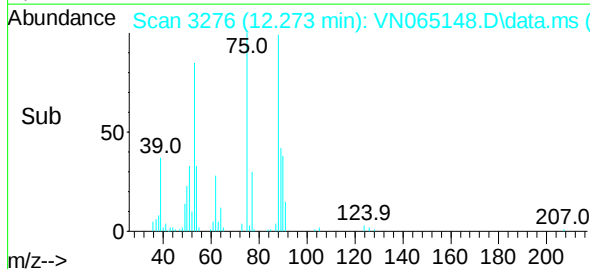
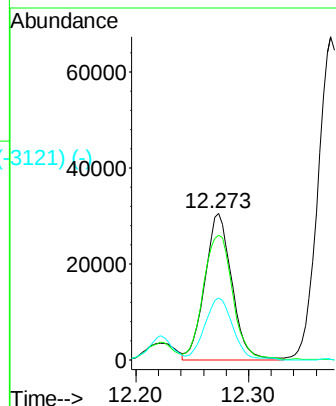
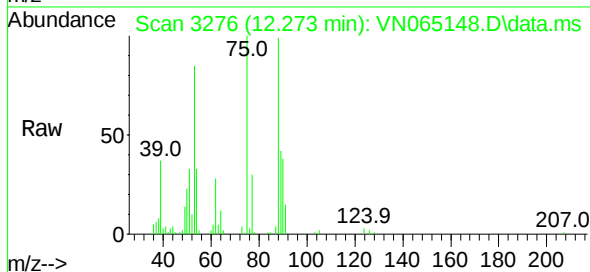
Instrument :
MSVOA_N
ClientSampled :
VN1215WBS01



Tgt Ion: 75 Resp: 50660
Ion Ratio Lower Upper
75 100
53 85.4 50.3 150.9
89 42.7 23.3 69.8

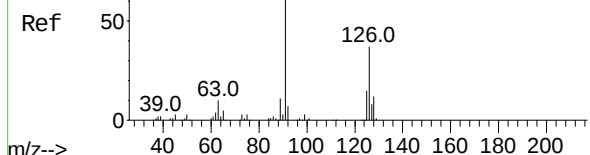
Manual Integrations
APPROVED

MMDadoda
12/16/2020 1:47:34 PM

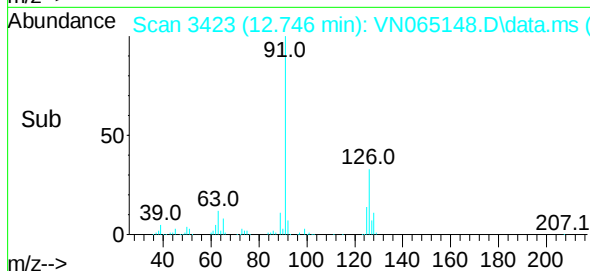
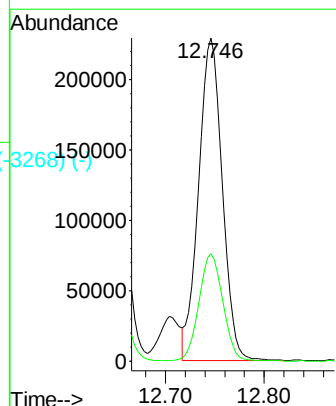
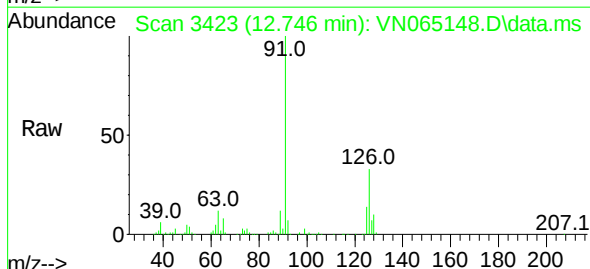


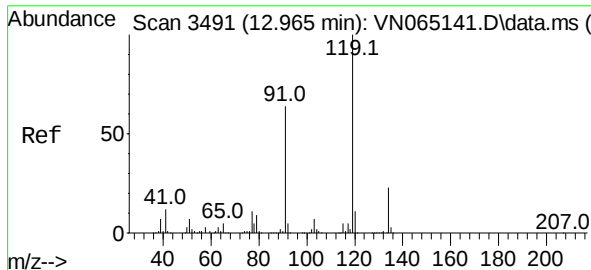
Abundance Scan 3423 (12.746 min): VN065141.D\data.ms (-3423) (-)

4-Chlorotoluene
Concen: 19.00 ug/l
RT: 12.746 min Scan# 3423
Delta R.T. -0.000 min
Lab File: VN065148.D
Acq: 15 Dec 2020 17:48



Tgt Ion: 91 Resp: 378526
Ion Ratio Lower Upper
91 100
126 33.5 0.0 61.8





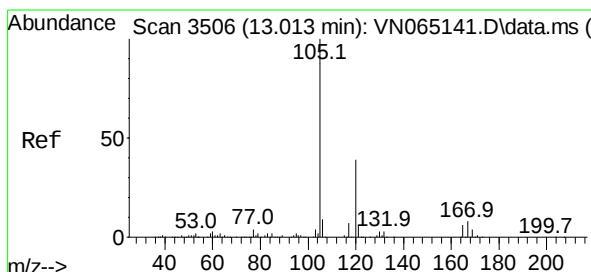
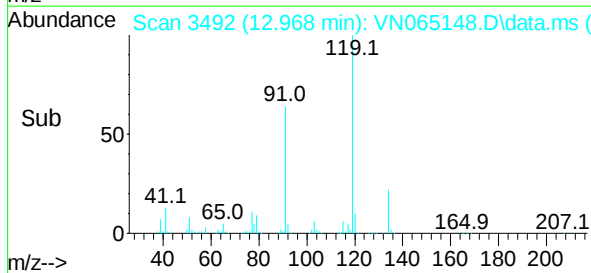
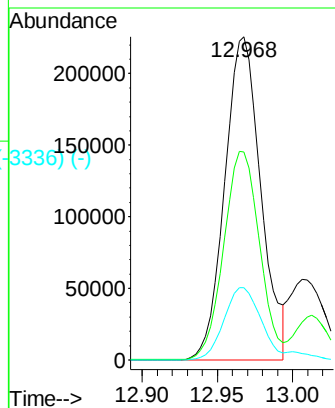
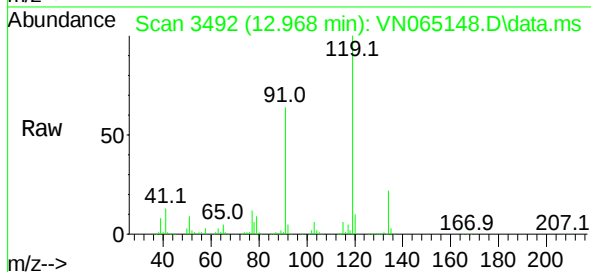
Scan 3491 (12.965 min): VN065141.D\data.ms (-3479) (-)
 tert-butylbenzene
 Concen: 18.53 ug/l
 RT: 12.968 min Scan# 3492
 Delta R.T. 0.003 min
 Lab File: VN065148.D
 Acq: 15 Dec 2020 17:48

Tgt Ion:	119	Resp:	377223
Ion	Ratio	Lower	Upper
119	100		
91	63.8	0.0	147.8
134	22.7	0.0	50.6

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1215WBS01

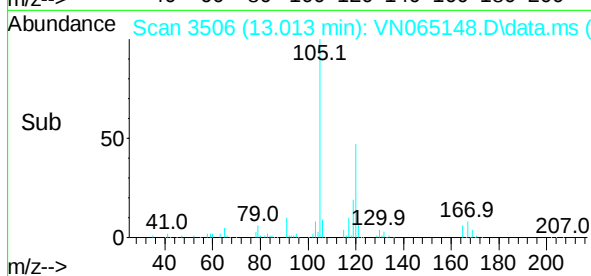
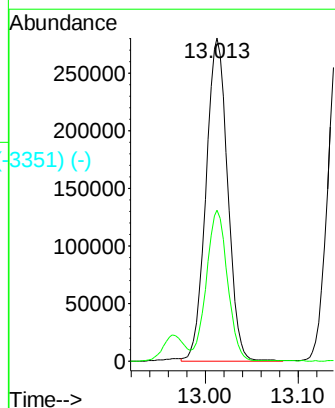
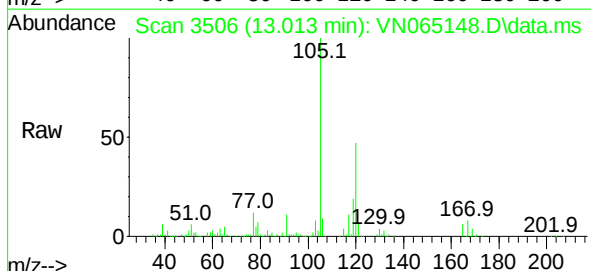
Manual Integrations
 APPROVED

MMDadoda
 12/16/2020 1:47:34 PM



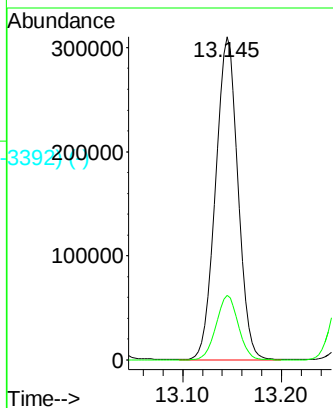
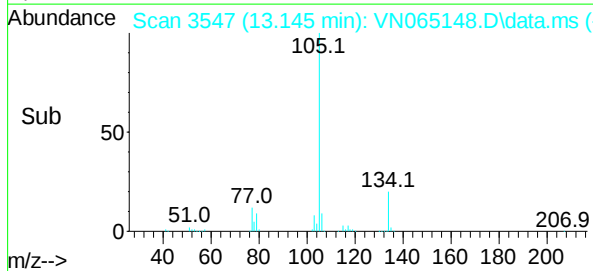
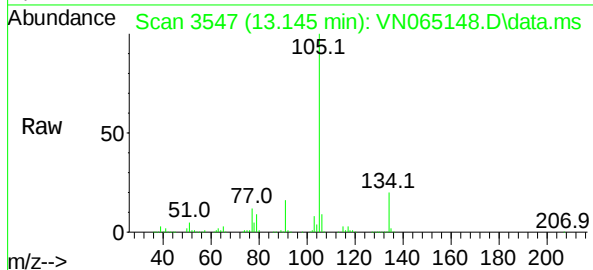
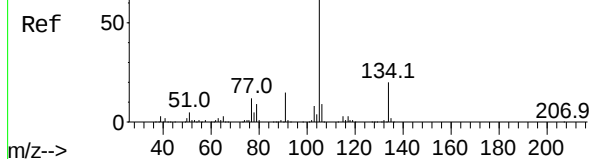
Scan 3506 (13.013 min): VN065141.D\data.ms (-3484) (-)
 1,2,4-Trimethylbenzene
 Concen: 18.83 ug/l
 RT: 13.013 min Scan# 3506
 Delta R.T. -0.000 min
 Lab File: VN065148.D
 Acq: 15 Dec 2020 17:48

Tgt Ion:	105	Resp:	452976
Ion	Ratio	Lower	Upper
105	100		
120	45.6	0.0	88.6



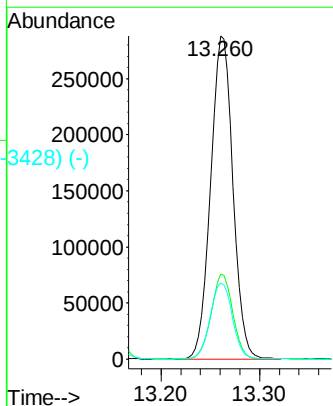
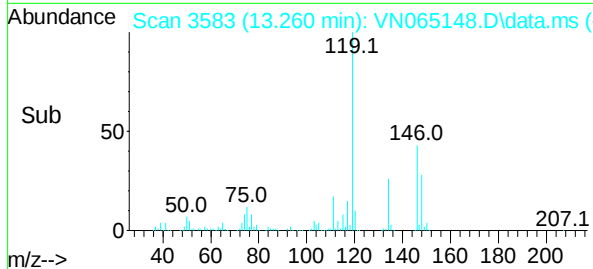
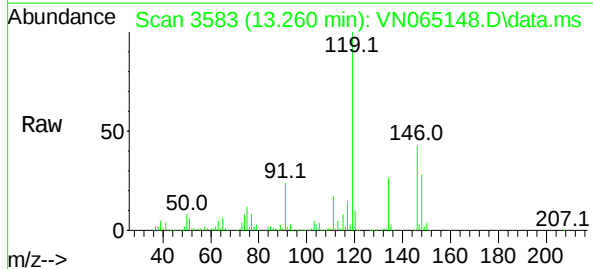
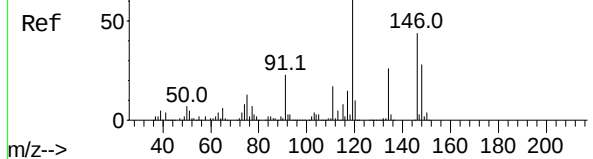
Abundance Scan 3547 (13.145 min): VN065141.D\data.ms (-3582) (-)

sec-Butylbenzene
Concen: 18.69 ug/l
RT: 13.145 min Scan# 3547
Delta R.T. -0.000 min
Lab File: VN065148.D
Acq: 15 Dec 2020 17:48



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

p-Isopropyltoluene
Concen: 18.30 ug/l
RT: 13.260 min Scan# 3583
Delta R.T. -0.000 min
Lab File: VN065148.D
Acq: 15 Dec 2020 17:48

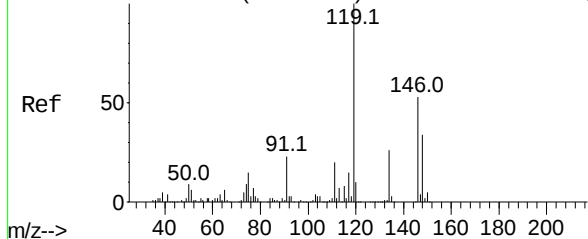


Instrument :
MSVOA_N
ClientSampleId :
VN1215WBS01

Manual Integrations
APPROVED

MMDadoda
12/16/2020 1:47:34 PM

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



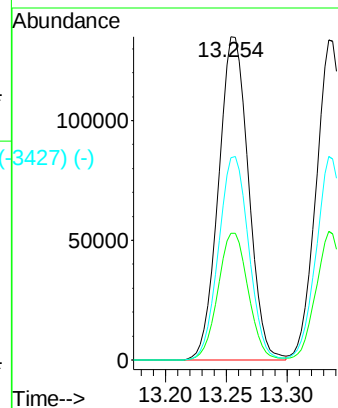
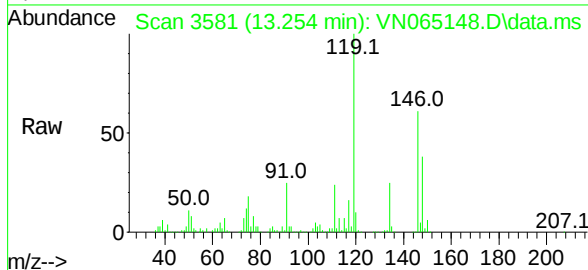
1,3-Dichlorobenzene
Concen: 17.82 ug/l
RT: 13.254 min Scan# 3581
Delta R.T. -0.003 min
Lab File: VN065148.D
Acq: 15 Dec 2020 17:48

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.4	22.3	66.9
148	63.2	31.8	95.3

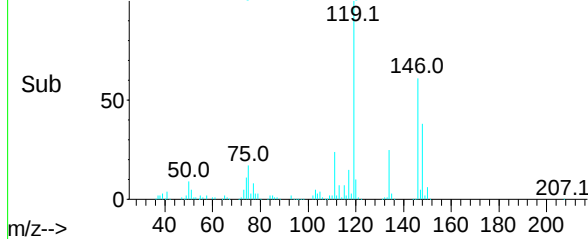
Instrument :
MSVOA_N
ClientSampleId :
VN1215WBS01

Manual Integrations
APPROVED

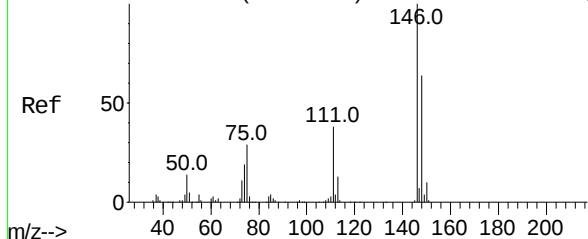
MMDadoda
12/16/2020 1:47:34 PM



Abundance Scan 3581 (13.254 min): VN065148.D\data.ms (-3427) (-)

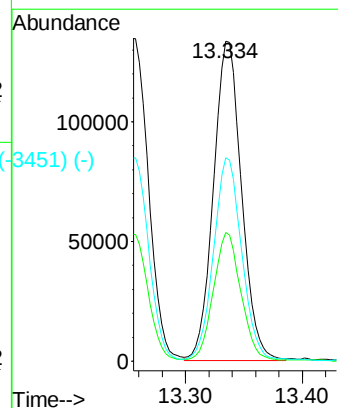
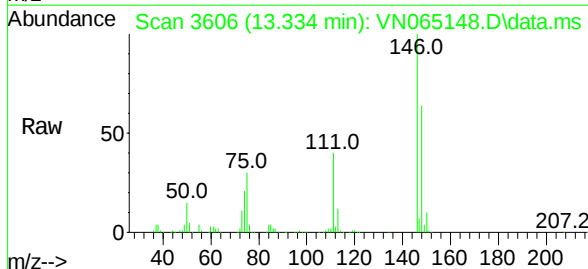


Abundance Scan 3606 (13.334 min): VN065141.D\data.ms (-3584) (-)

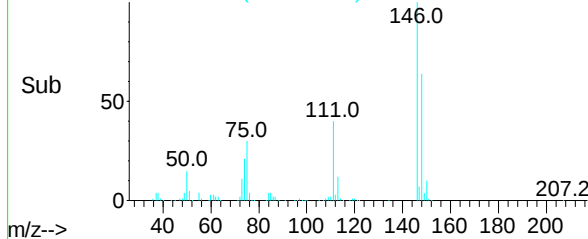


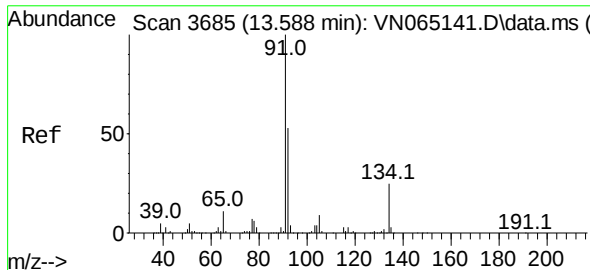
1,4-Dichlorobenzene
Concen: 16.41 ug/l
RT: 13.334 min Scan# 3606
Delta R.T. -0.000 min
Lab File: VN065148.D
Acq: 15 Dec 2020 17:48

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.7	21.8	65.4
148	62.3	31.5	94.5



Abundance Scan 3606 (13.334 min): VN065148.D\data.ms (-3451) (-)





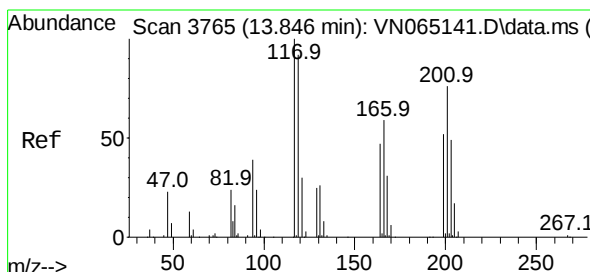
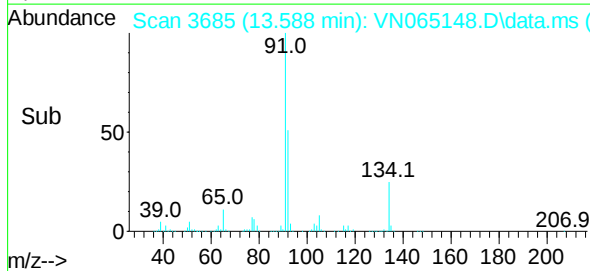
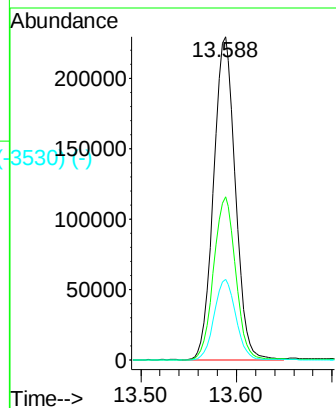
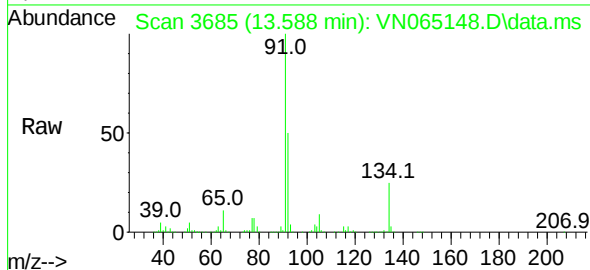
n-Butylbenzene
Concen: 16.54 ug/l
RT: 13.588 min Scan# 3685
Delta R.T. -0.000 min
Lab File: VN065148.D
Acq: 15 Dec 2020 17:48

Tgt Ion:	91	Resp:	362440
Ion	Ratio	Lower	Upper
91	100		
92	51.0	0.0	101.4
134	25.0	0.0	45.2

Instrument :
MSVOA_N
ClientSampleId :
VN1215WBS01

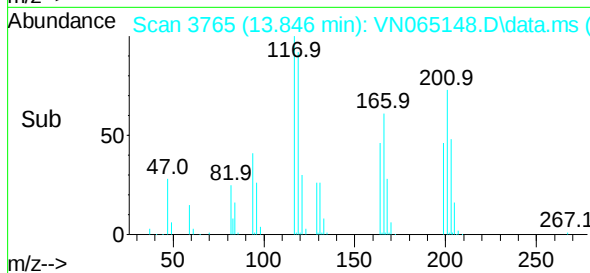
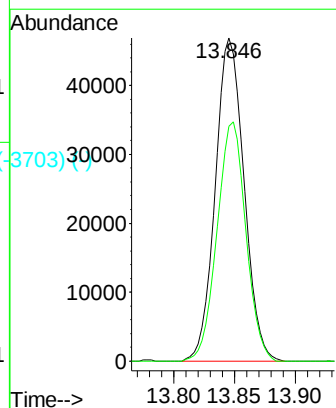
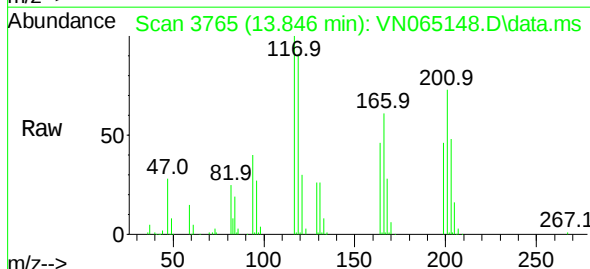
Manual Integrations
APPROVED

MMDadoda
12/16/2020 1:47:34 PM

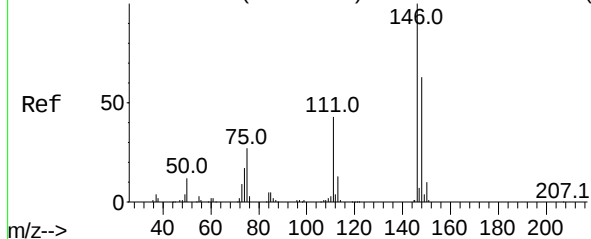


Hexachloroethane
Concen: 16.14 ug/l
RT: 13.846 min Scan# 3765
Delta R.T. -0.000 min
Lab File: VN065148.D
Acq: 15 Dec 2020 17:48

Tgt Ion:	117	Resp:	77008
Ion	Ratio	Lower	Upper
117	100		
201	74.1	33.1	99.3



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



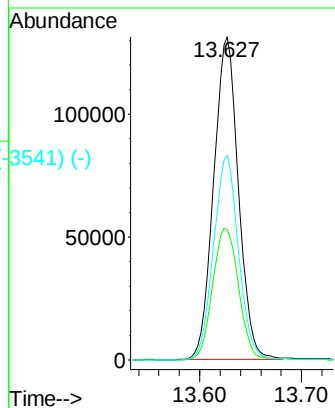
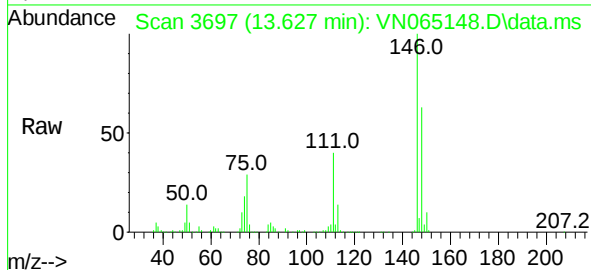
1,2-Dichlorobenzene
Concen: 16.43 ug/l
RT: 13.627 min Scan# 3697
Delta R.T. 0.003 min
Lab File: VN065148.D
Acq: 15 Dec 2020 17:48

Tgt Ion:	146	Resp:	221742
Ion Ratio	Lower	Upper	
146	100		
111	43.0	23.1	69.2
148	64.2	32.6	97.8

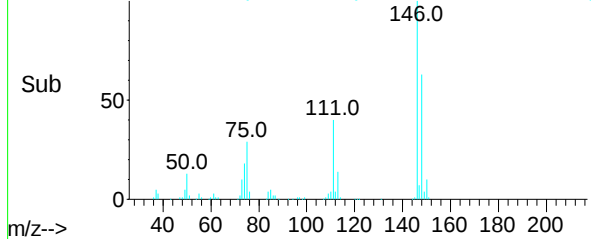
Instrument :
MSVOA_N
ClientSampleId :
VN1215WBS01

Manual Integrations
APPROVED

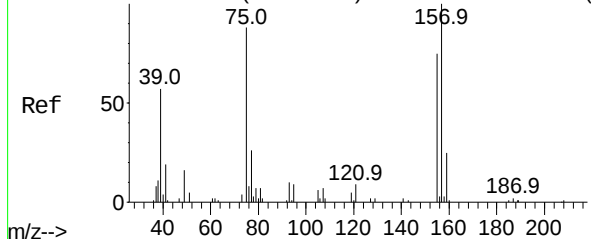
MMDadoda
12/16/2020 1:47:34 PM



Abundance Scan 3697 (13.627 min): VN065148.D\data.ms (-3541) (-)

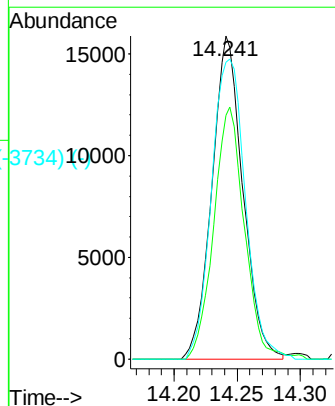
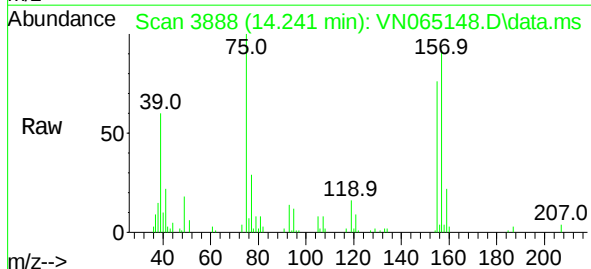


Abundance Scan 3889 (14.244 min): VN065141.D\data.ms (-3888) (-)

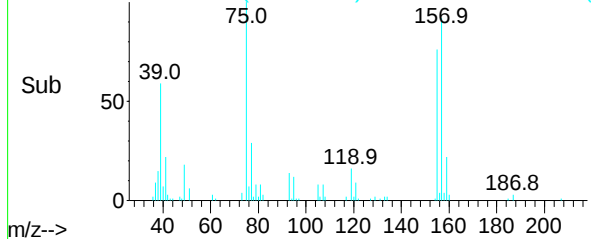


1,2-Dibromo-3-Chloropropane
Concen: 17.05 ug/l
RT: 14.241 min Scan# 3888
Delta R.T. -0.003 min
Lab File: VN065148.D
Acq: 15 Dec 2020 17:48

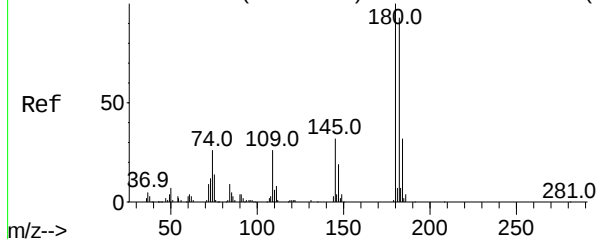
Tgt Ion:	75	Resp:	27086
Ion Ratio	Lower	Upper	
75	100		
155	77.0	56.5	84.7
157	101.5	69.7	104.5



Abundance Scan 3888 (14.241 min): VN065148.D\data.ms (-3734) (-)



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



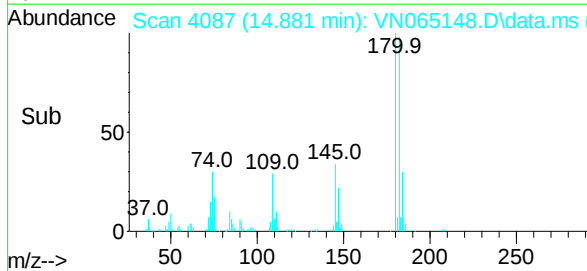
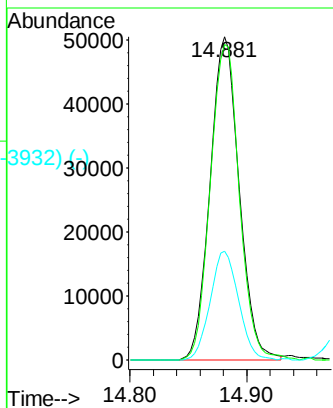
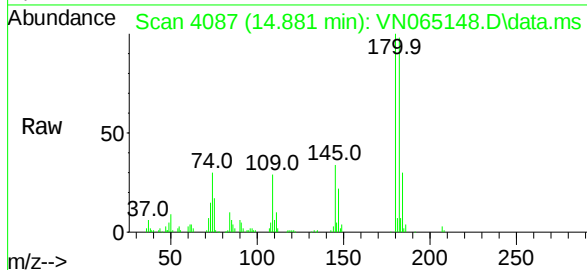
1,2,4-Trichlorobenzene
Concen: 14.37 ug/l
RT: 14.881 min Scan# 4087
Delta R.T. -0.000 min
Lab File: VN065148.D
Acq: 15 Dec 2020 17:48

Tgt Ion:	180	Resp:	87307
Ion Ratio	Lower	Upper	
180	100		
182	96.8	79.4	119.0
145	32.7	27.6	41.4

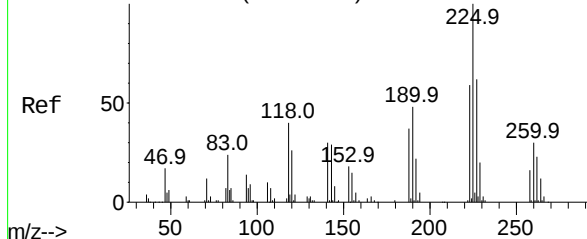
Instrument :
MSVOA_N
ClientSampleId :
VN1215WBS01

Manual Integrations
APPROVED

MMDadoda
12/16/2020 1:47:34 PM

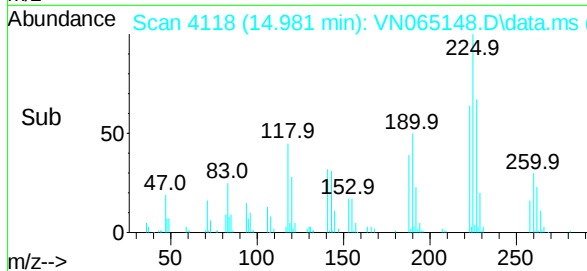
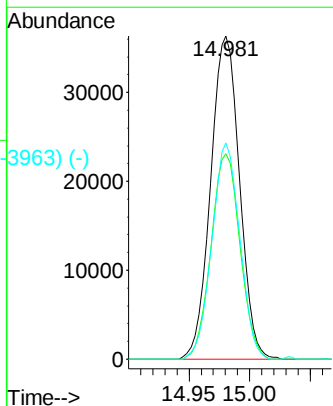
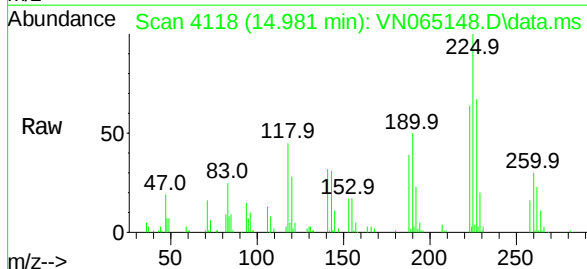


Abundance Scan 4118 (14.981 min): VN065141.D\data.ms (-4196) (-)

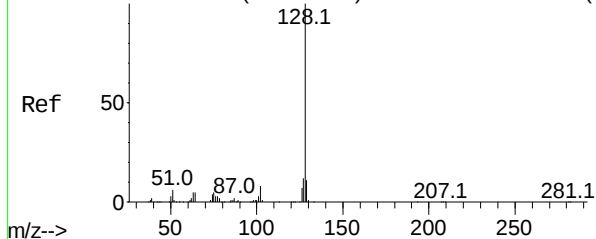


Hexachlorobutadiene
Concen: 15.60 ug/l
RT: 14.981 min Scan# 4118
Delta R.T. -0.000 min
Lab File: VN065148.D
Acq: 15 Dec 2020 17:48

Tgt Ion:	225	Resp:	59833
Ion Ratio	Lower	Upper	
225	100		
223	63.9	0.0	125.4
227	64.6	0.0	122.0



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



Naphthalene
Concen: 14.03 ug/l
RT: 15.103 min Scan# 4156
Delta R.T. -0.000 min
Lab File: VN065148.D
Acq: 15 Dec 2020 17:48

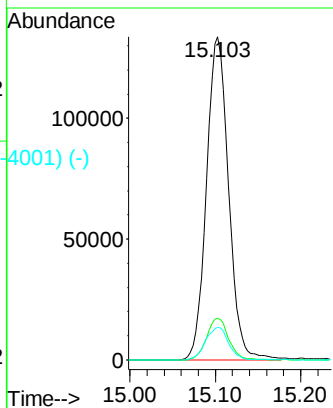
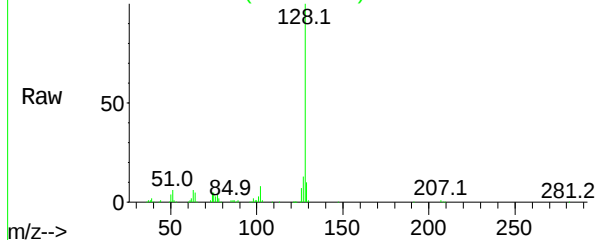
Tgt Ion:	128	Resp:	240463
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.2	15.4
129	10.4	8.5	12.7

Instrument :
MSVOA_N
ClientSampleId :
VN1215WBS01

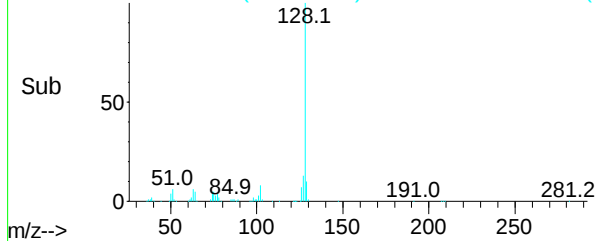
Manual Integrations
APPROVED

MMDadoda
12/16/2020 1:47:34 PM

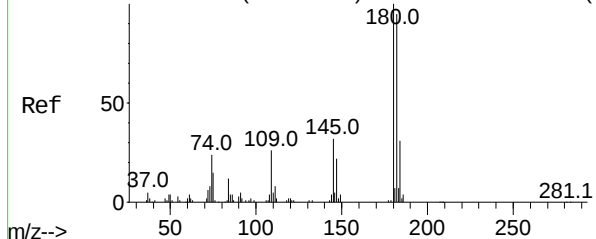
Abundance Scan 4156 (15.103 min): VN065148.D\data.ms



Abundance Scan 4156 (15.103 min): VN065148.D\data.ms (-4001) (-)



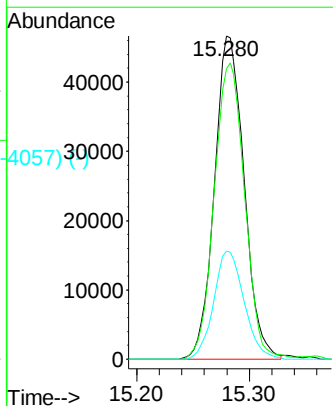
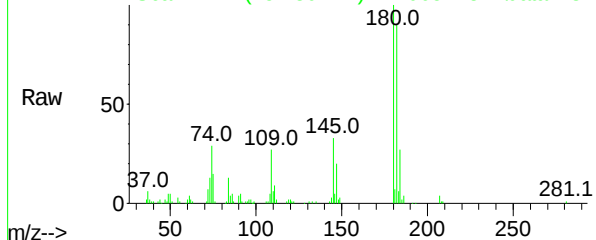
Abundance Scan 4212 (15.283 min): VN065141.D\data.ms (-4192) (-)



1,2,3-Trichlorobenzene
Concen: 14.92 ug/l
RT: 15.280 min Scan# 4211
Delta R.T. -0.003 min
Lab File: VN065148.D
Acq: 15 Dec 2020 17:48

Tgt Ion:	180	Resp:	85392
Ion Ratio	Lower	Upper	
180	100		
182	94.0	0.0	186.0
145	34.2	0.0	69.6

Abundance Scan 4211 (15.280 min): VN065148.D\data.ms



Abundance Scan 4211 (15.280 min): VN065148.D\data.ms (-4057) (-)

