

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121520\
 Data File : VN065140.D
 Acq On : 15 Dec 2020 13:22
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

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 12/16/2020 1:47:22 PM

Quant Time: Dec 15 15:12:26 2020
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N121520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Dec 15 15:09:20 2020
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.145	128	67276	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.547	114	345308	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.376	117	321217	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.981	65	166627	29.65	ug/l	0.00
Spiked Amount 30.000	Range 91	- 110	Recovery	=	98.83%	
60) 4-Bromofluorobenzene	12.373	95	147121	27.39	ug/l	0.00
Spiked Amount 30.000	Range 63	- 112	Recovery	=	91.30%	
63) Toluene-d8	10.055	98	549704	36.89	ug/l	0.00
Spiked Amount 30.000	Range 91	- 112	Recovery	=	122.97%#	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.833	85	18419	4.24	ug/l	99
3) Chloromethane	2.036	50	20043	3.99	ug/l	98
4) Vinyl Chloride	2.165	62	28752	5.33	ug/l	98
5) Bromomethane	2.531	94	27378	7.87	ug/l	98
6) Chloroethane	2.669	64	21261	6.48	ug/l	96
7) Trichlorofluoromethane	2.985	101	51857	6.73	ug/l	92
8) Diethyl Ether	3.374	74	10689	3.88	ug/l	80
9) 1,1,2-Trichlorotrifluo...	3.718	101	18931	5.05	ug/l	59
10) 1,1-Dichloroethene	3.695	96	17377	4.79	ug/l	80
11) Methyl Iodide	3.914	142	20218	4.39	ug/l	94
12) Methyl Acetate	4.284	43	15287m	3.63	ug/l	
13) Acrolein	3.566	56	9797	21.36	ug/l	99
14) Acrylonitrile	4.930	53	30340	15.76	ug/l	96
15) Acetone	3.775	58	12484	20.32	ug/l	90
16) Carbon Disulfide	4.010	76	49094	4.49	ug/l	99
17) Allyl chloride	4.274	41	23192	3.59	ug/l	83
18) Methylene Chloride	4.502	84	20964	4.86	ug/l	87
19) trans-1,2-Dichloroethene	4.991	96	18184	4.44	ug/l	92
20) Diisopropyl ether	5.894	45	85070	5.93	ug/l #	87
21) 1,1-Dichloroethane	5.795	63	51972	6.50	ug/l	96
22) cis-1,2-Dichloroethene	6.775	96	20376	4.37	ug/l #	81
23) tert-Butyl Alcohol	4.730	59	12567m	19.69	ug/l	
24) Methyl tert-Butyl Ether	4.981	73	48894	3.91	ug/l #	88
25) Chloroform	7.322	83	38207	4.60	ug/l	93
26) Cyclohexane	7.608	56	22712	3.65	ug/l #	50
29) 1,1-Dichloropropene	7.746	75	25350	4.31	ug/l	87
30) 2-Butanone	6.779	43	48035	17.16	ug/l #	87
31) 2,2-Dichloropropane	6.775	77	32582m	4.74	ug/l	
32) 1,1,1-Trichloroethane	7.525	97	35792	5.00	ug/l	92
33) Carbon Tetrachloride	7.730	117	31303	4.88	ug/l	96
34) Benzene	7.997	78	77501	4.48	ug/l #	62
35) Methacrylonitrile	7.123	41	9245	3.40	ug/l	98
36) 1,2-Dichloroethane	8.081	62	32839	4.83	ug/l #	96
37) Trichloroethene	8.798	130	22283	5.02	ug/l	93
38) Methylcyclohexane	9.045	83	35080	6.33	ug/l	97
39) 1,2-Dichloropropane	9.081	63	23624	5.12	ug/l	99
40) Dibromomethane	9.171	93	20777	6.72	ug/l	86
41) Bromodichloromethane	9.364	83	42449	6.43	ug/l	96

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Manual Integrations
 APPROVED

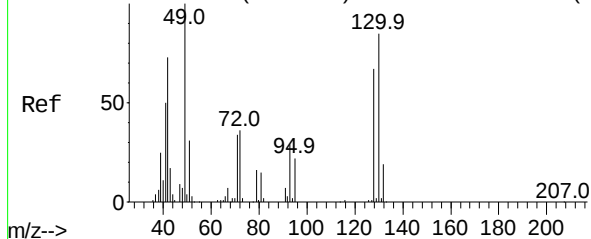
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Quant Time: Dec 15 15:12:26 2020
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N121520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Vinyl Acetate	5.840	43	318596	27.87	ug/l	97
43) Ethyl Acetate	6.881	43	17929	3.16	ug/l #	79
44) Isopropyl Acetate	8.123	43	33926	3.55	ug/l #	92
45) 1,4-Dioxane	9.168	88	7050	102.94	ug/l #	81
46) Methyl methacrylate	9.164	41	21191	4.50	ug/l	84
47) n-amyl Acetate	12.045	43	23489	2.86	ug/l	94
48) t-1,3-Dichloropropene	10.351	75	28014	3.99	ug/l	97
49) cis-1,3-Dichloropropene	9.807	75	36595	4.90	ug/l	91
50) 1,1,2-Trichloroethane	10.528	97	20089	4.68	ug/l	93
51) Ethyl methacrylate	10.399	69	20826	3.42	ug/l	97
52) 1,3-Dichloropropane	10.676	76	31312	4.27	ug/l	99
53) Dibromochloromethane	10.872	129	22720	4.65	ug/l	95
54) 1,2-Dibromoethane	10.975	107	20937	4.75	ug/l	93
55) 2-Chloroethyl vinyl ether	9.659	63	62468	19.98	ug/l	96
56) Bromoform	12.093	173	14393	4.44	ug/l #	38
58) 4-Methyl-2-Pentanone	9.949	43	144948	25.75	ug/l	95
59) 2-Hexanone	10.721	43	69419	16.57	ug/l	97
61) Tetrachloroethene	10.598	164	25827	6.20	ug/l	85
62) Toluene	10.122	91	86118	4.60	ug/l	98
64) Chlorobenzene	11.402	112	52952	4.72	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.476	131	20756	4.77	ug/l	96
66) Ethyl Benzene	11.483	91	83734	4.14	ug/l	98
67) m/p-Xylenes	11.592	106	61959	8.26	ug/l	98
68) o-Xylene	11.920	106	29423	4.14	ug/l	99
69) Styrene	11.936	104	45867	3.78	ug/l	98
70) Isopropylbenzene	12.222	105	77296	4.15	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.476	83	24322	4.15	ug/l	94
72) 1,2,3-Trichloropropane	12.528	75	25227m	4.31	ug/l	
73) Bromobenzene	12.499	156	21476	4.61	ug/l	84
74) n-propylbenzene	12.563	91	89426	4.11	ug/l	97
75) 2-Chlorotoluene	12.647	91	56025	4.12	ug/l	96
76) 1,3,5-Trimethylbenzene	12.704	105	67614	4.29	ug/l	96
77) t-1,4-Dichloro-2-butene	12.274	75	6874	3.26	ug/l	89
78) 4-Chlorotoluene	12.746	91	54833	3.87	ug/l	94
79) tert-butylbenzene	12.965	119	54850	4.36	ug/l	96
80) 1,2,4-Trimethylbenzene	13.013	105	63751	4.02	ug/l	97
81) sec-Butylbenzene	13.145	105	72747	4.41	ug/l	99
82) p-Isopropyltoluene	13.261	119	74084	5.01	ug/l	98
83) 1,3-Dichlorobenzene	13.257	146	40505	4.97	ug/l	97
84) 1,4-Dichlorobenzene	13.338	146	53562	6.63	ug/l	97
85) n-Butylbenzene	13.589	91	79504	6.23	ug/l	96
86) Hexachloroethane	13.846	117	19518	6.77	ug/l	88
87) 1,2-Dichlorobenzene	13.624	146	55076	6.92	ug/l	96
88) 1,2-Dibromo-3-Chloropr...	14.245	75	5954	4.86	ug/l #	74
89) 1,2,4-Trichlorobenzene	14.881	180	15848	4.41	ug/l	99
90) Hexachlorobutadiene	14.978	225	17687	9.50	ug/l	97
91) Naphthalene	15.106	128	41832	3.60	ug/l	98
92) 1,2,3-Trichlorobenzene	15.283	180	16346	4.57	ug/l	98

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

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



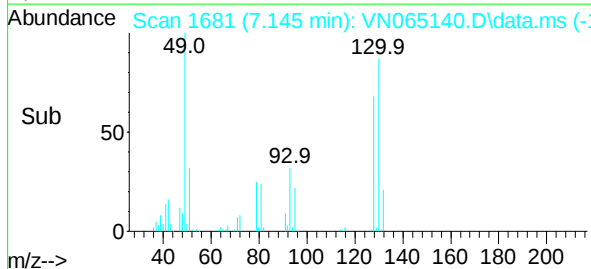
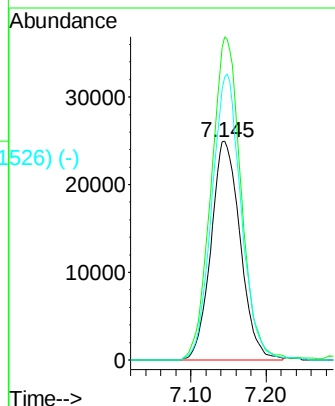
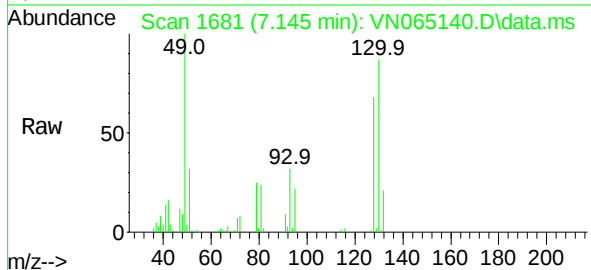
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.145 min Scan# 1681
Delta R.T. -0.003 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

Tgt Ion	Ratio	Lower	Upper
128	100		
49	150.3	0.0	475.5
130	131.0	0.0	315.3

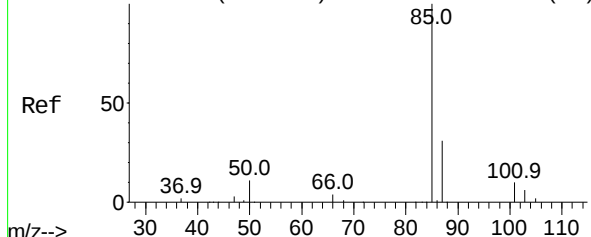
Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

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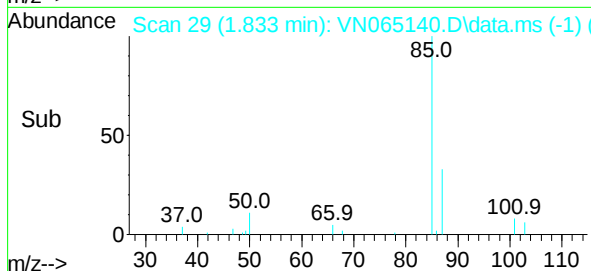
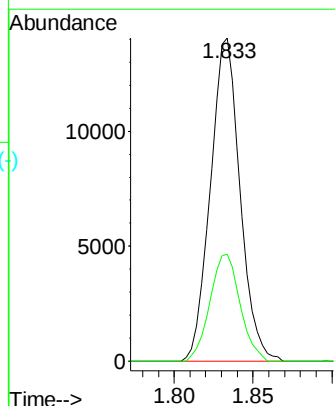
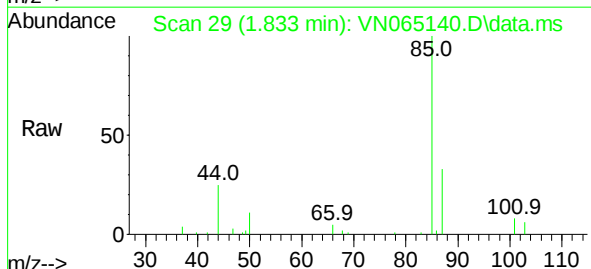


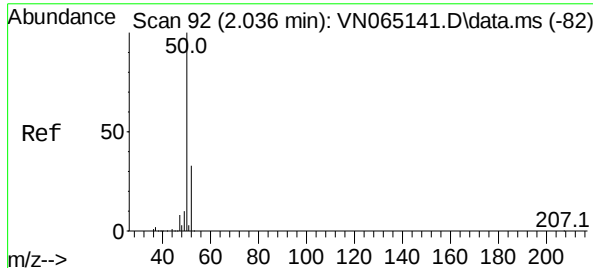
Abundance Scan 29 (1.833 min): VN065141.D\data.ms (-19) (#2)



Dichlorodifluoromethane
Concen: 4.24 ug/l
RT: 1.833 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.1	17.0	50.9





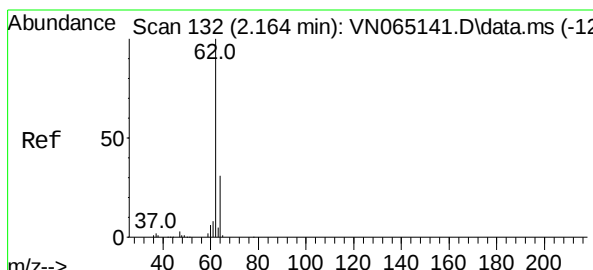
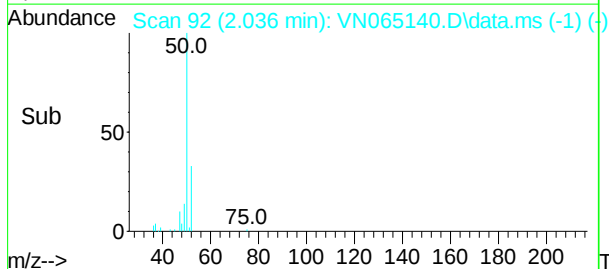
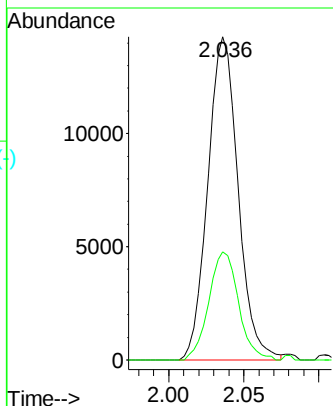
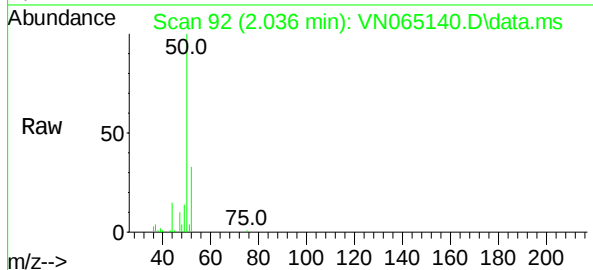
Chloromethane
Concen: 3.99 ug/l
RT: 2.036 min Scan# 92
Delta R.T. 0.000 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

Tgt Ion: 50 Resp: 20043
Ion Ratio Lower Upper
50 100
52 33.4 26.0 39.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

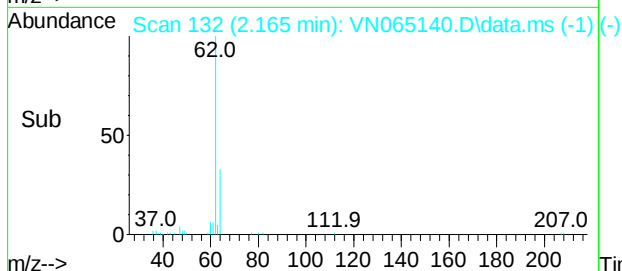
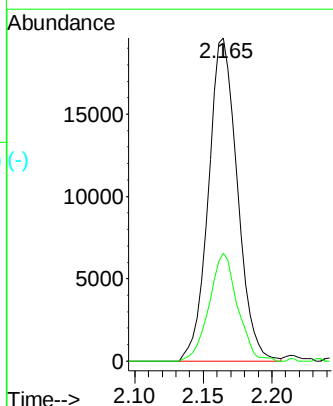
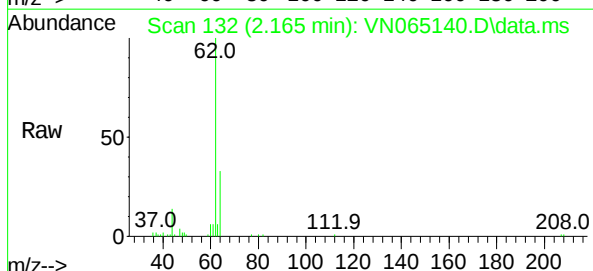
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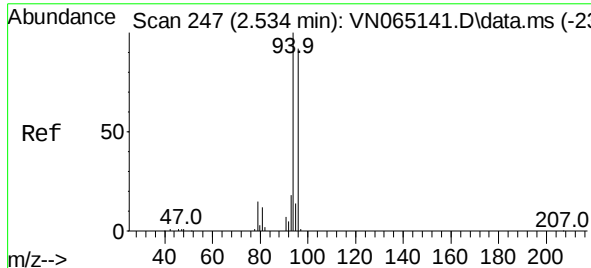
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Vinyl Chloride
Concen: 5.33 ug/l
RT: 2.165 min Scan# 132
Delta R.T. 0.000 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

Tgt Ion: 62 Resp: 28752
Ion Ratio Lower Upper
62 100
64 33.5 25.8 38.8





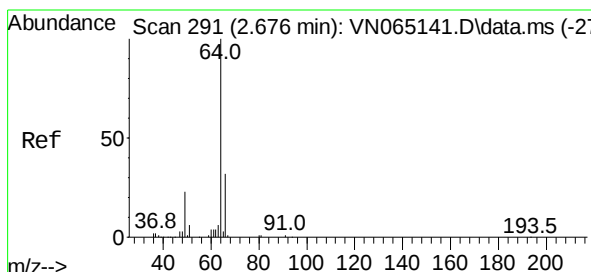
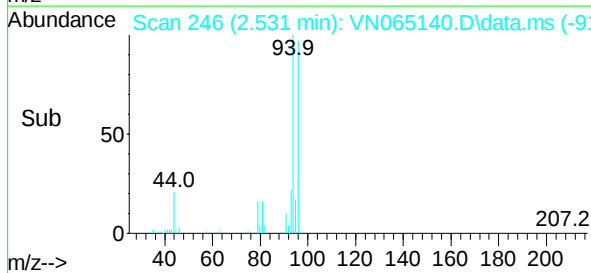
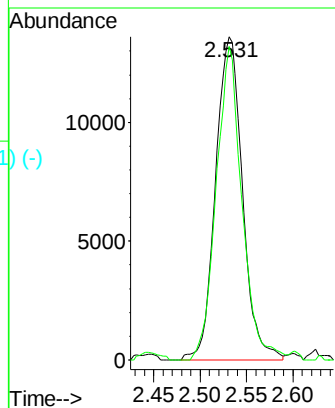
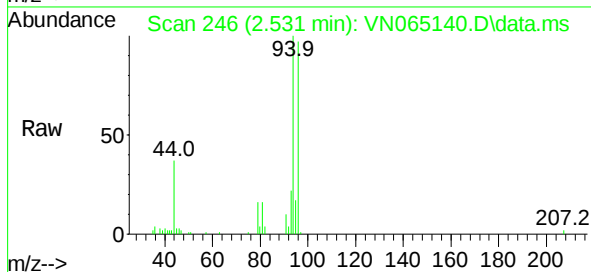
Bromomethane
 Concen: 7.87 ug/l
 RT: 2.531 min Scan# 246
 Delta R.T. -0.003 min
 Lab File: VN065140.D
 Acq: 15 Dec 2020 13:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion: 94 Resp: 27378
 Ion Ratio Lower Upper
 94 100
 96 97.0 79.3 118.9

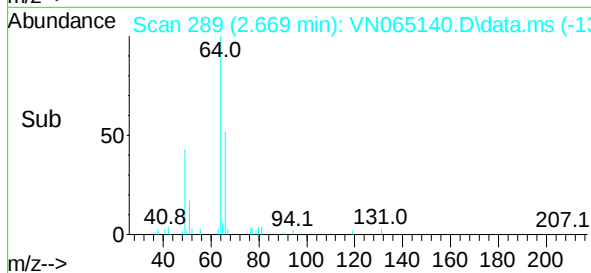
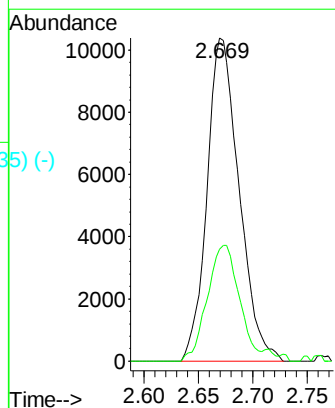
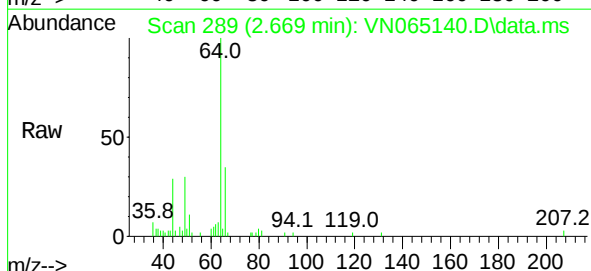
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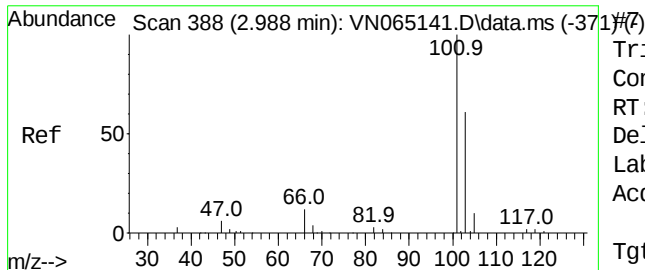
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 12/16/2020 1:47:22 PM



Chloroethane
 Concen: 6.48 ug/l
 RT: 2.669 min Scan# 289
 Delta R.T. -0.006 min
 Lab File: VN065140.D
 Acq: 15 Dec 2020 13:22

Tgt Ion: 64 Resp: 21261
 Ion Ratio Lower Upper
 64 100
 66 34.6 26.0 39.0





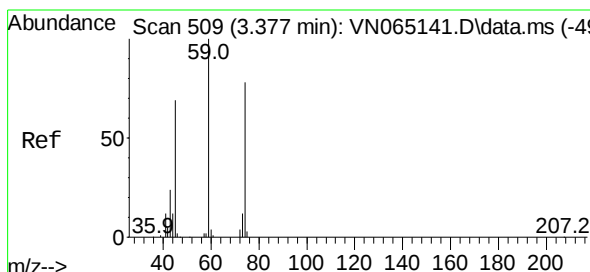
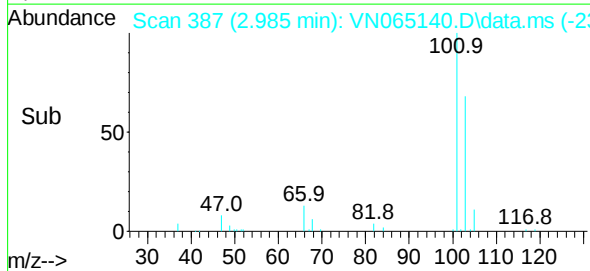
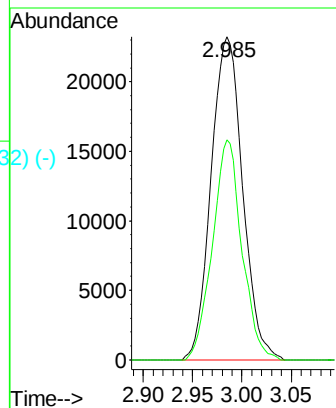
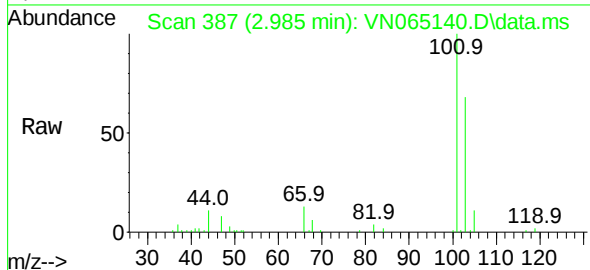
Trichlorofluoromethane
Concen: 6.73 ug/l
RT: 2.985 min Scan# 387
Delta R.T. -0.003 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 51857
Ion Ratio Lower Upper
101 100
103 68.1 49.3 73.9

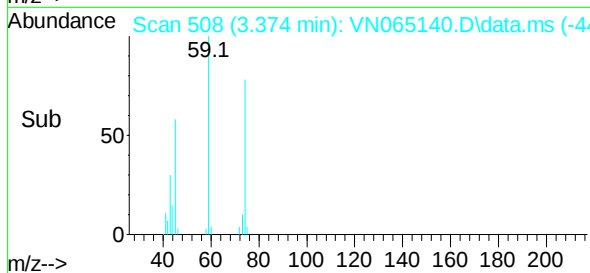
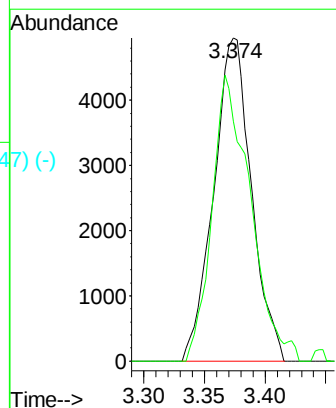
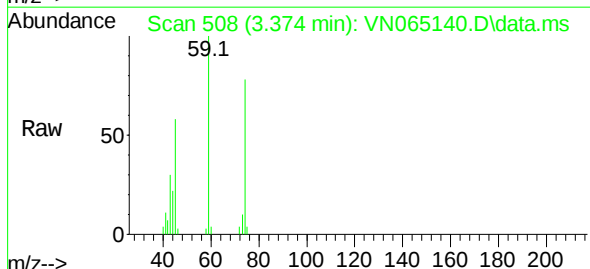
Manual Integrations
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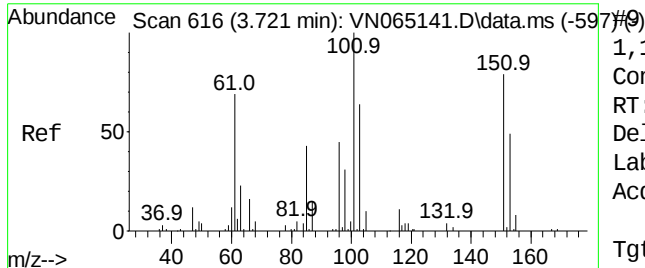
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Diethyl Ether
Concen: 3.88 ug/l
RT: 3.374 min Scan# 508
Delta R.T. -0.003 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

Tgt Ion: 74 Resp: 10689
Ion Ratio Lower Upper
74 100
45 88.9 22.1 198.5





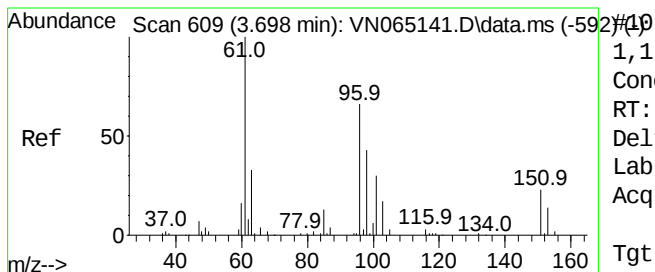
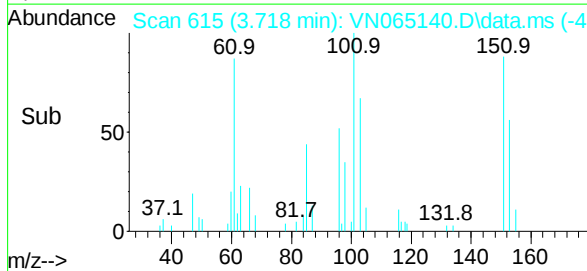
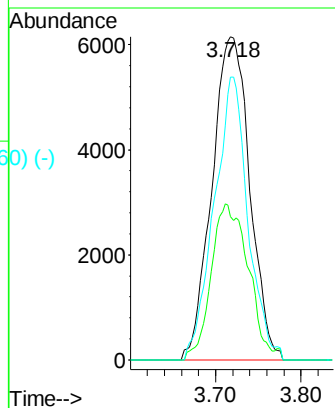
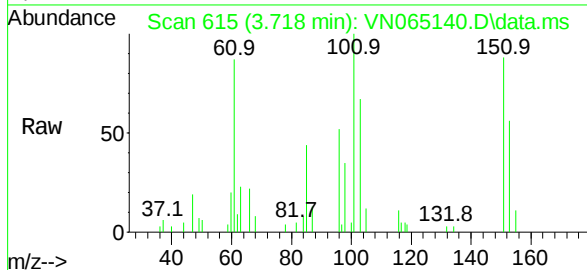
1,1,2-Trichlorotrifluoroethane
Concen: 5.05 ug/l
RT: 3.718 min Scan# 615
Delta R.T. -0.003 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:	101	Resp:	18931
Ion	Ratio	Lower	Upper
101	100		
85	28.2	0.0	49.0
151	77.7	0.0	80.2

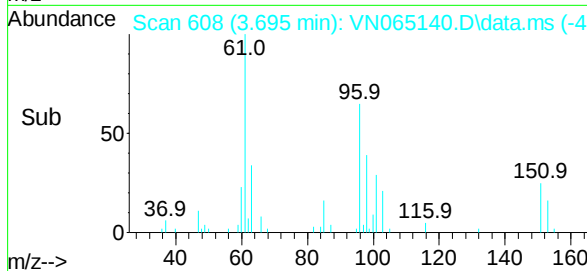
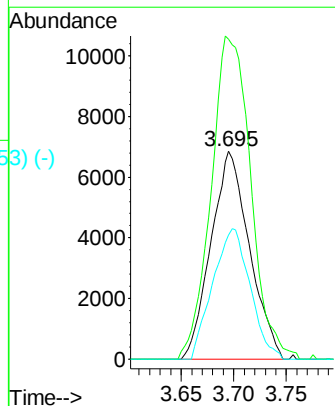
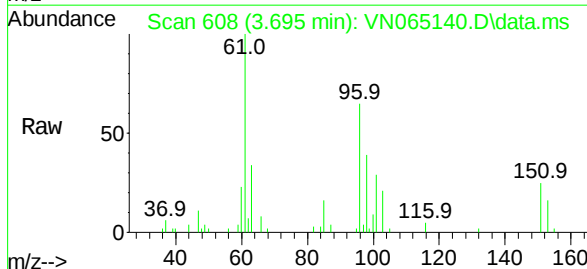
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12/16/2020 1:47:22 PM



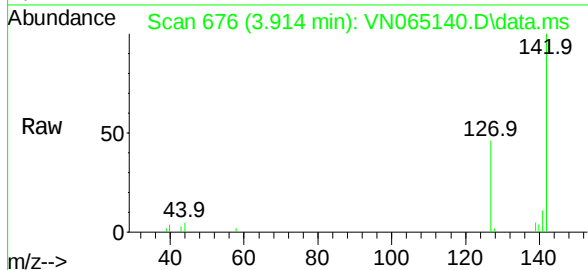
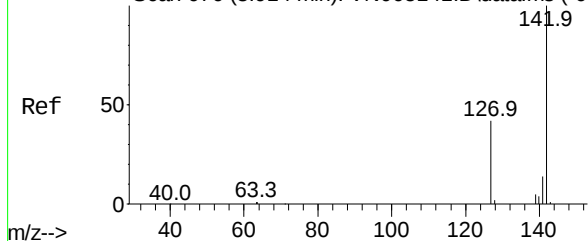
1,1-Dichloroethene
Concen: 4.79 ug/l
RT: 3.695 min Scan# 608
Delta R.T. -0.003 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

Tgt Ion:	96	Resp:	17377
Ion	Ratio	Lower	Upper
96	100		
61	150.1	149.2	223.8
98	59.6	49.6	74.4

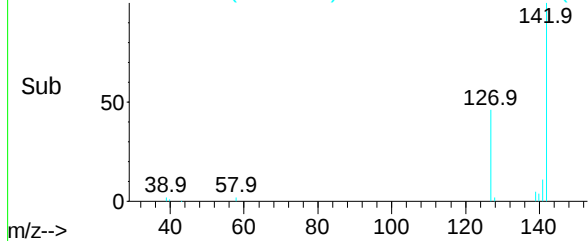


Abundance Scan 676 (3.914 min): VN065141.D\data.ms (-657) #11

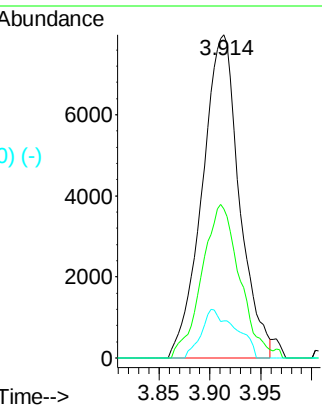
Methyl Iodide
Concen: 4.39 ug/l
RT: 3.914 min Scan# 676
Delta R.T. 0.000 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22



Abundance Scan 676 (3.914 min): VN065140.D\data.ms (-520) (-)



Tgt Ion	Ratio	Lower	Upper
142	100		
127	46.2	24.7	74.1
141	11.7	7.8	23.3



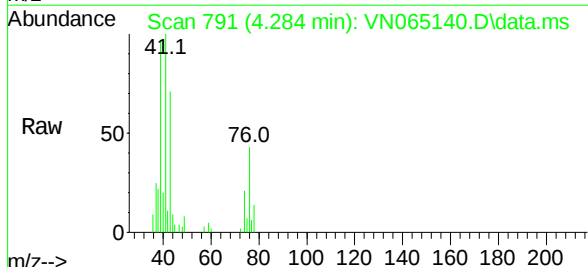
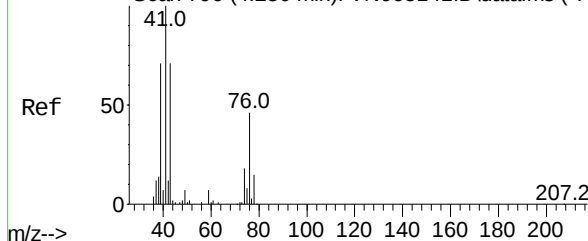
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

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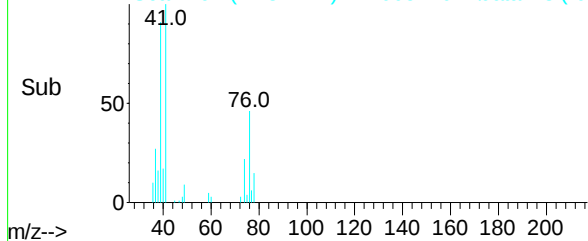
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Abundance Scan 790 (4.280 min): VN065141.D\data.ms (-770) #12

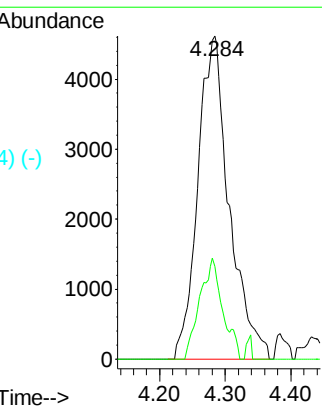
Methyl Acetate
Concen: 3.63 ug/l m
RT: 4.284 min Scan# 791
Delta R.T. 0.003 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22



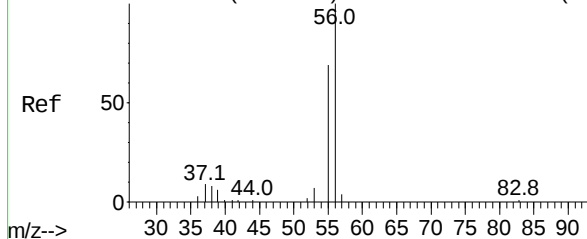
Abundance Scan 791 (4.284 min): VN065140.D\data.ms (-634) (-)



Tgt Ion	Ratio	Lower	Upper
43	100		
74	28.7	17.7	26.5#



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



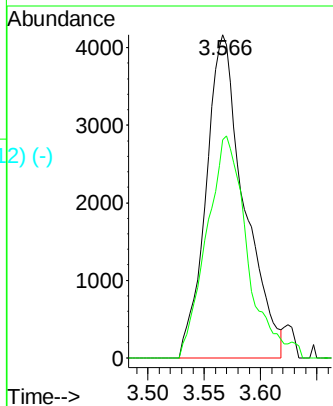
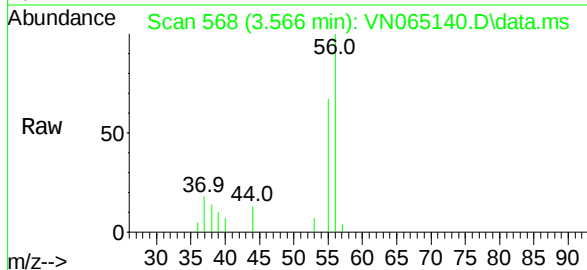
Acrolein
Concen: 21.36 ug/l
RT: 3.566 min Scan# 568
Delta R.T. 0.000 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

Tgt Ion: 56 Resp: 9797
Ion Ratio Lower Upper
56 100
55 72.0 58.2 87.2

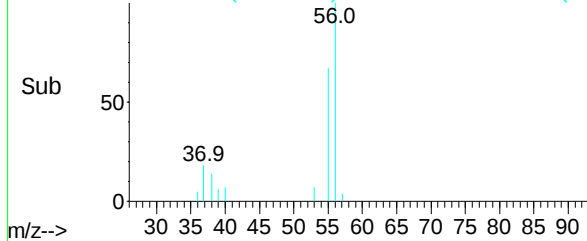
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

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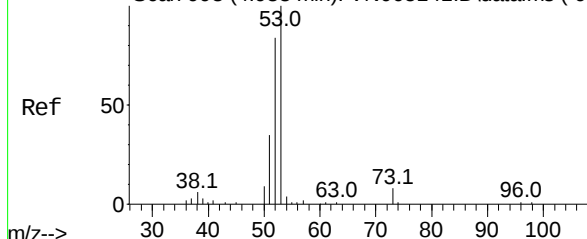
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Abundance Scan 568 (3.566 min): VN065140.D\data.ms (-412) (-)

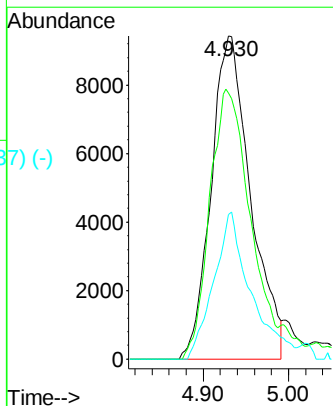
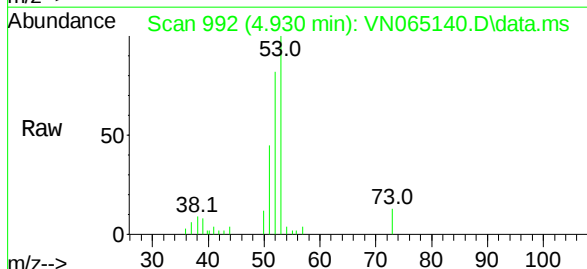


Abundance Scan 993 (4.933 min): VN065141.D\data.ms (-971) #14

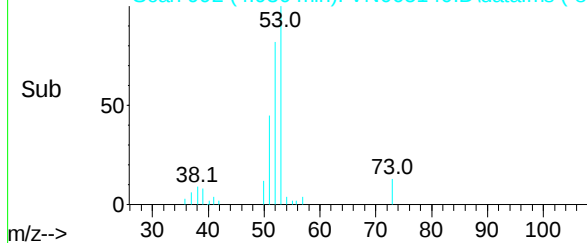


Acrylonitrile
Concen: 15.76 ug/l
RT: 4.930 min Scan# 992
Delta R.T. -0.003 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

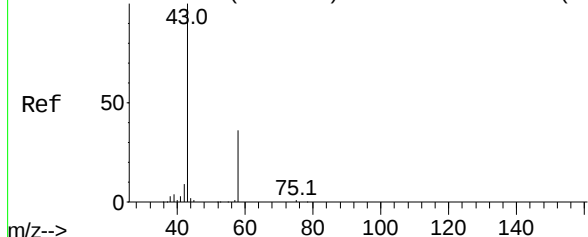
Tgt Ion: 53 Resp: 30340
Ion Ratio Lower Upper
53 100
52 84.9 41.3 124.1
51 42.7 18.9 56.5



Abundance Scan 992 (4.930 min): VN065140.D\data.ms (-837) (-)



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



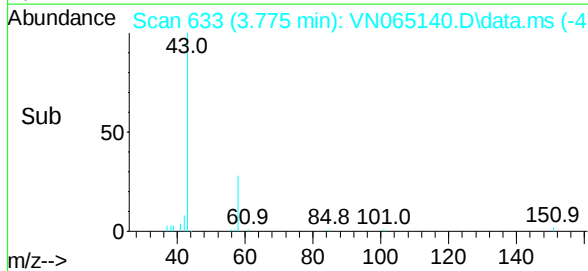
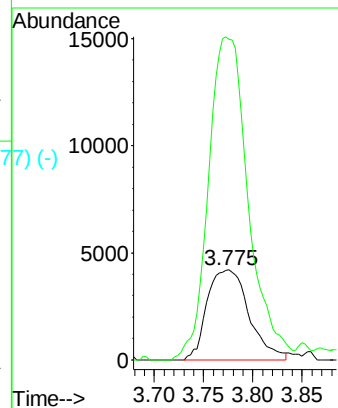
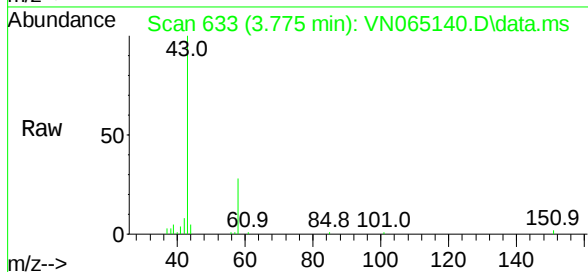
Acetone
Concen: 20.32 ug/l
RT: 3.775 min Scan# 633
Delta R.T. 0.000 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

Tgt Ion: 58 Resp: 12484
Ion Ratio Lower Upper
58 100
43 340.8 289.8 434.8

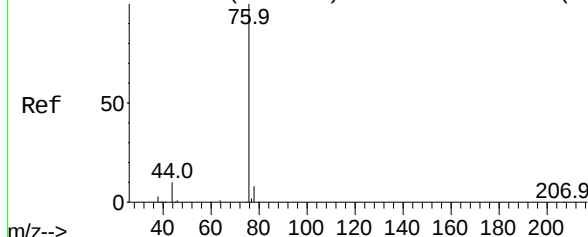
Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

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12/16/2020 1:47:22 PM

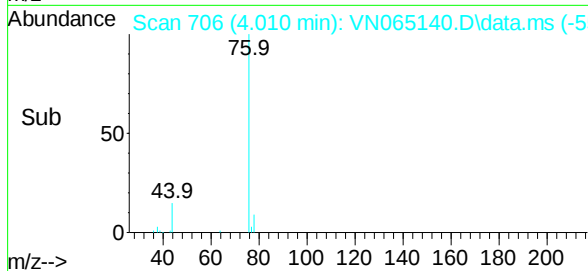
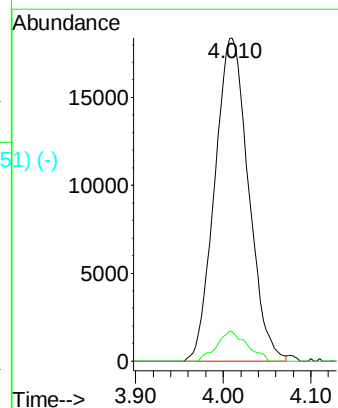
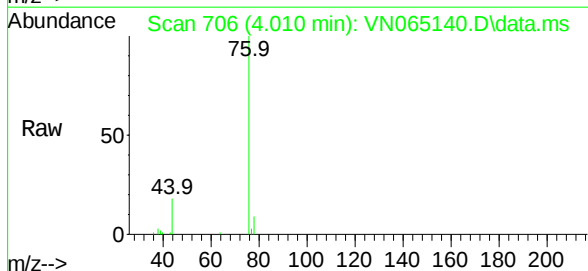


Abundance Scan 707 (4.013 min): VN065141.D\data.ms (-687) #16



Carbon Disulfide
Concen: 4.49 ug/l
RT: 4.010 min Scan# 706
Delta R.T. -0.003 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

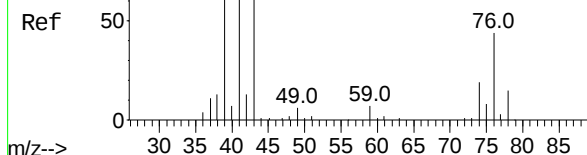
Tgt Ion: 76 Resp: 49094
Ion Ratio Lower Upper
76 100
78 9.1 7.6 11.4



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

Allyl chloride
Concen: 3.59 ug/l
RT: 4.274 min Scan# 788
Delta R.T. -0.003 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

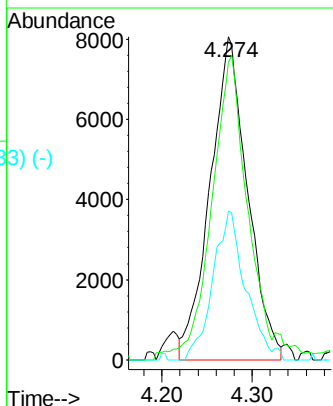
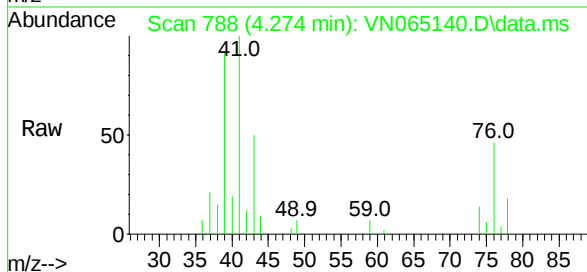
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



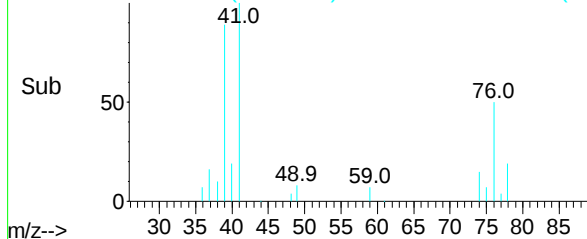
Tgt Ion:	41	Resp:	23192
Ion	Ratio	Lower	Upper
41	100		
39	92.2	40.3	120.8
76	48.1	16.8	50.3

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12/16/2020 1:47:22 PM



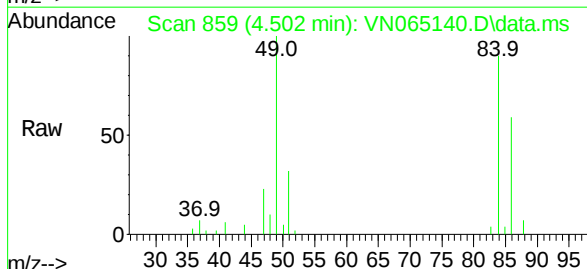
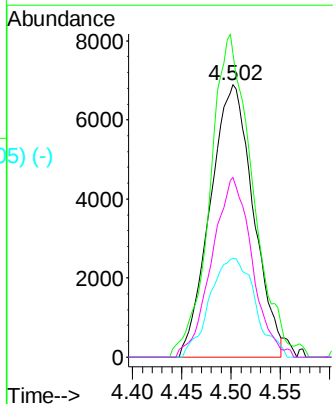
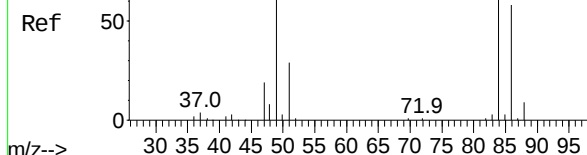
Abundance Scan 788 (4.274 min): VN065140.D\data.ms (-633) (-)



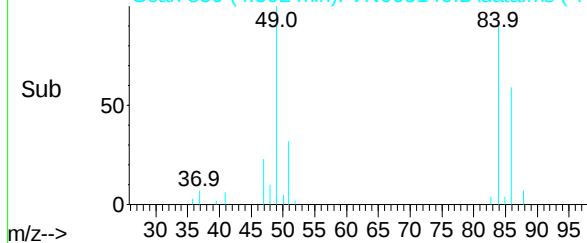
Abundance Scan 861 (4.508 min): VN065141.D\data.ms (-840) #18

Methylene Chloride
Concen: 4.86 ug/l
RT: 4.502 min Scan# 859
Delta R.T. -0.006 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

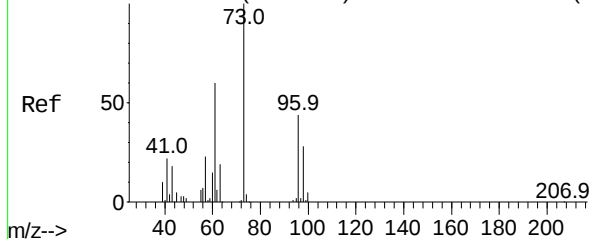
Tgt Ion:	84	Resp:	20964
Ion	Ratio	Lower	Upper
84	100		
49	106.1	102.1	153.1
51	36.1	32.6	48.8
86	63.1	46.7	70.1



Abundance Scan 859 (4.502 min): VN065140.D\data.ms (-705) (-)



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



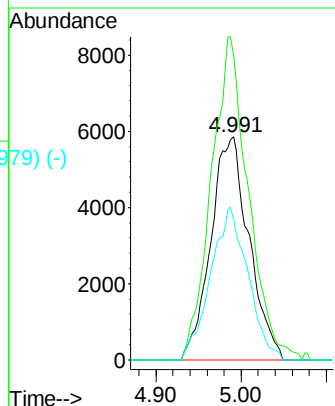
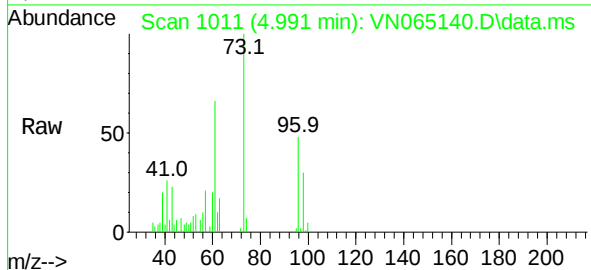
trans-1,2-Dichloroethene
Concen: 4.44 ug/l
RT: 4.991 min Scan# 1011
Delta R.T. 0.003 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

Tgt Ion:	96	Resp:	18184
Ion	Ratio	Lower	Upper
96	100		
61	136.5	120.1	180.1
98	63.0	49.1	73.7

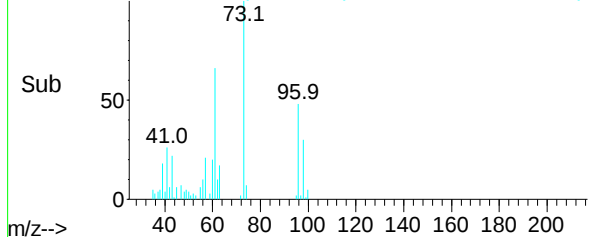
Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

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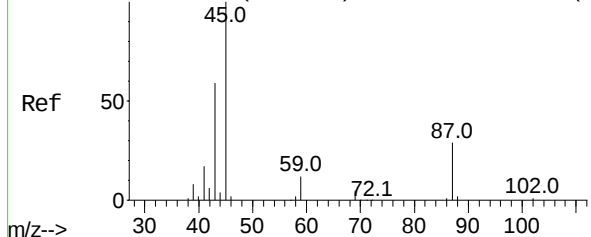
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12/16/2020 1:47:22 PM



Abundance Scan 1011 (4.991 min): VN065140.D\data.ms (-979) (-)

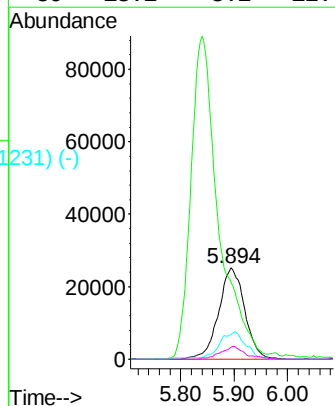
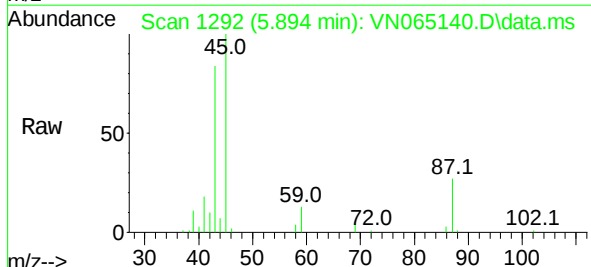


Abundance Scan 1293 (5.897 min): VN065141.D\data.ms (-12620)

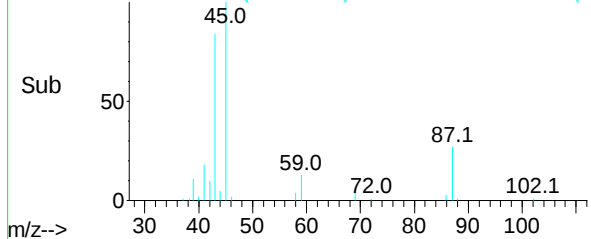


Diisopropyl ether
Concen: 5.93 ug/l
RT: 5.894 min Scan# 1292
Delta R.T. -0.003 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

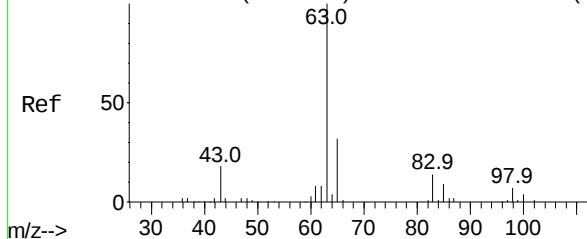
Tgt Ion:	45	Resp:	85070
Ion	Ratio	Lower	Upper
45	100		
43	80.7	53.1	79.7#
87	27.0	21.0	31.6
59	13.2	8.2	12.4#



Abundance Scan 1292 (5.894 min): VN065140.D\data.ms (-1231) (-)



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



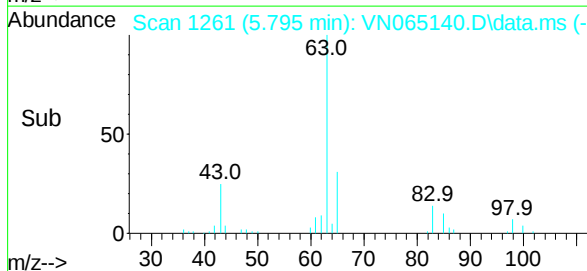
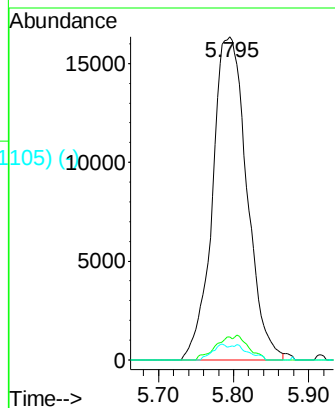
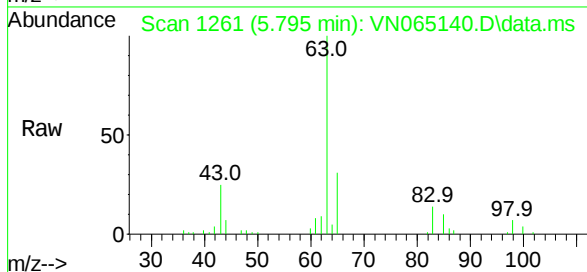
1,1-Dichloroethane
Concen: 6.50 ug/l
RT: 5.795 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

Tgt Ion:	63	Resp:	51972
Ion	Ratio	Lower	Upper
63	100		
98	7.2	2.6	8.0
100	4.1	1.7	5.1

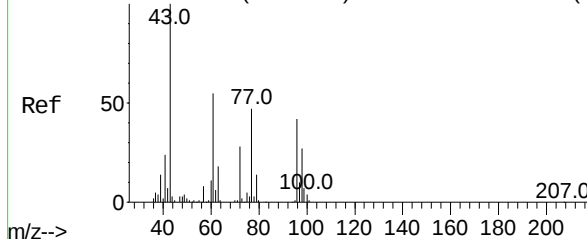
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

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12/16/2020 1:47:22 PM

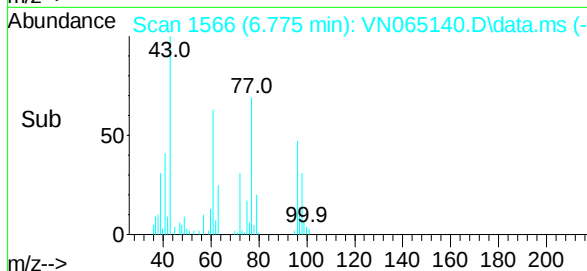
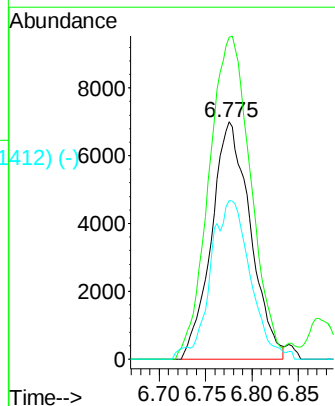
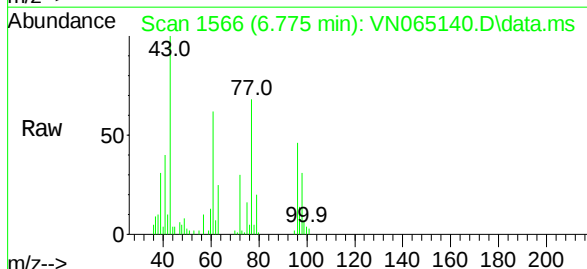


Abundance Scan 1568 (6.782 min): VN065141.D\data.ms (-15422-)

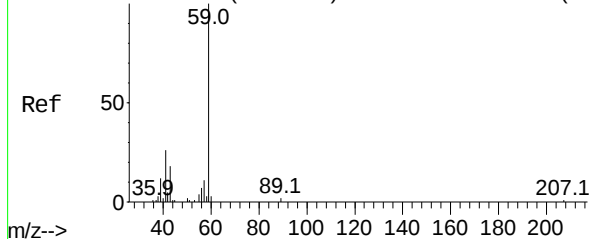


cis-1,2-Dichloroethene
Concen: 4.37 ug/l
RT: 6.775 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

Tgt Ion:	96	Resp:	20376
Ion	Ratio	Lower	Upper
96	100		
61	146.6	136.1	204.1
98	46.6	51.8	77.8#



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



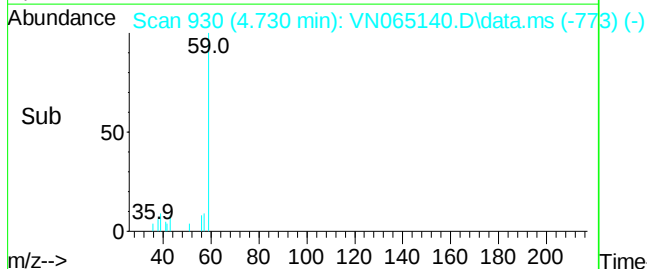
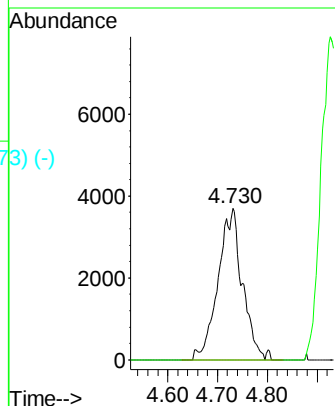
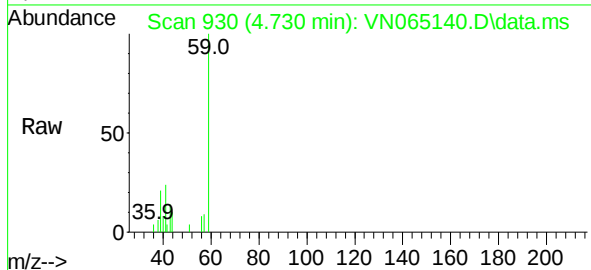
tert-Butyl Alcohol
Concen: 19.69 ug/l m
RT: 4.730 min Scan# 930
Delta R.T. 0.003 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

Tgt Ion: 59 Resp: 12567
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

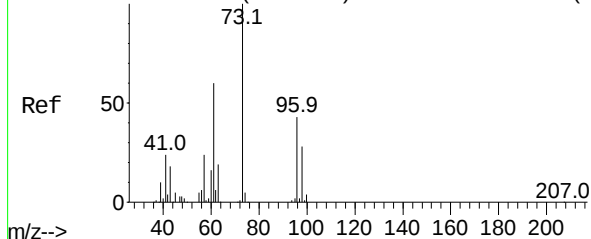
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

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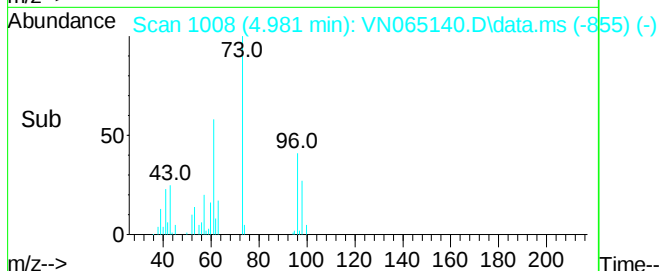
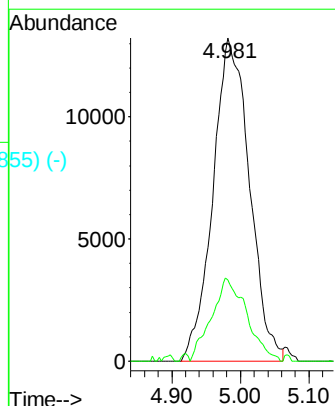
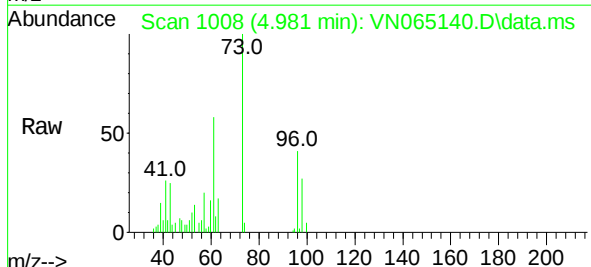


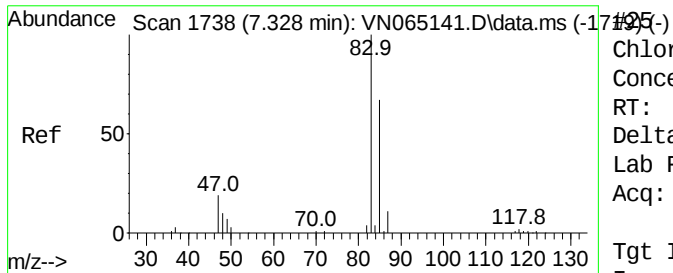
Abundance Scan 1011 (4.991 min): VN065141.D\data.ms (-983) #24



Methyl tert-Butyl Ether
Concen: 3.91 ug/l
RT: 4.981 min Scan# 1008
Delta R.T. -0.010 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

Tgt Ion: 73 Resp: 48894
Ion Ratio Lower Upper
73 100
43 17.5 10.2 15.2#





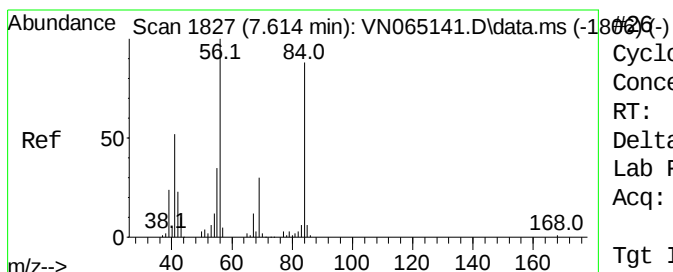
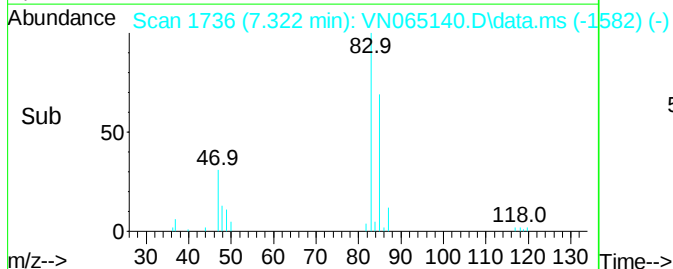
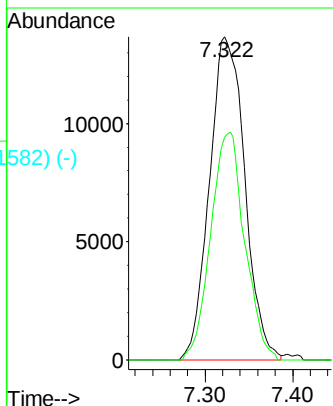
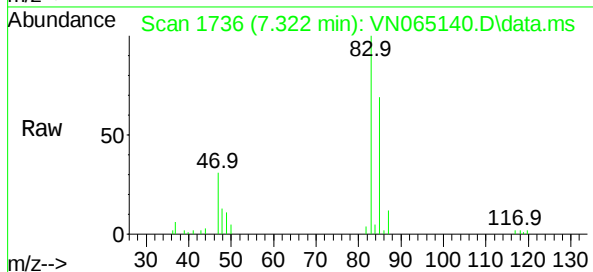
#25-
Chloroform
Concen: 4.60 ug/l
RT: 7.322 min Scan# 1736
Delta R.T. -0.006 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 38207
Ion Ratio Lower Upper
83 100
85 68.9 50.6 75.8

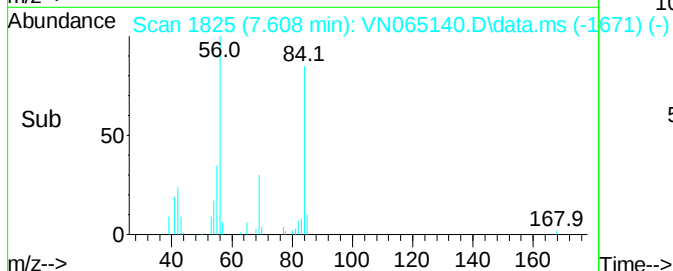
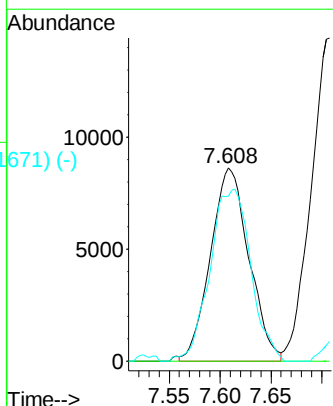
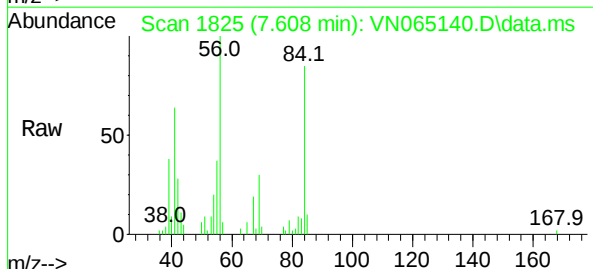
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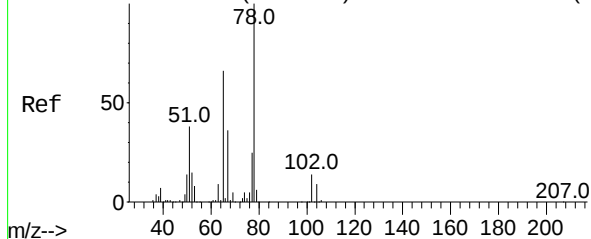


#26-
Cyclohexane
Concen: 3.65 ug/l
RT: 7.608 min Scan# 1825
Delta R.T. -0.006 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

Tgt Ion: 56 Resp: 22712
Ion Ratio Lower Upper
56 100
89 0.0 0.6 0.8#
84 37.3 66.1 99.1#



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



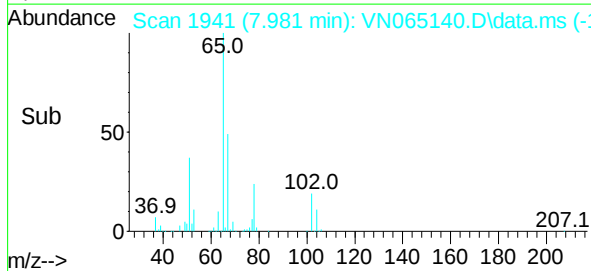
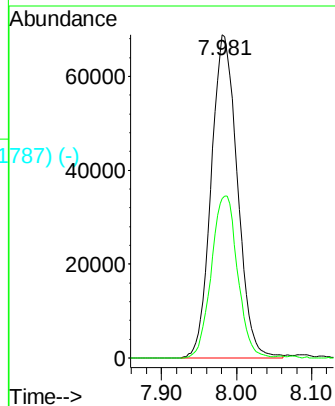
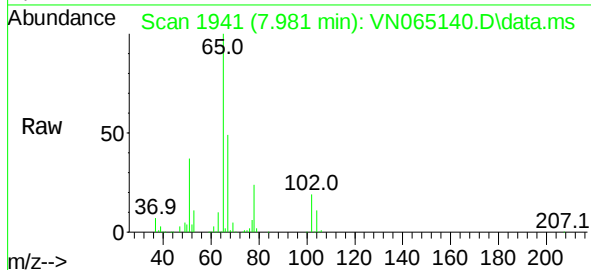
1,2-Dichloroethane-d4
Concen: 29.65 ug/l
RT: 7.981 min Scan# 1941
Delta R.T. -0.006 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

Tgt Ion: 65 Resp: 166627
Ion Ratio Lower Upper
65 100
67 50.1 41.1 61.7

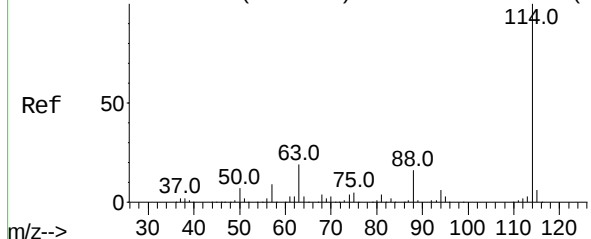
Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

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12/16/2020 1:47:22 PM

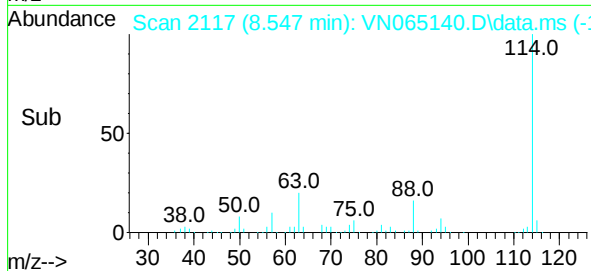
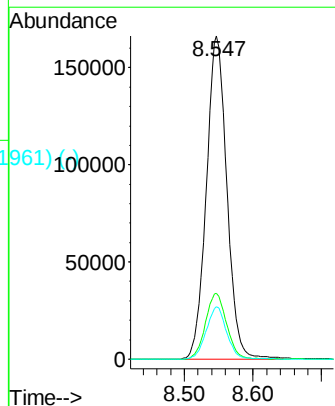
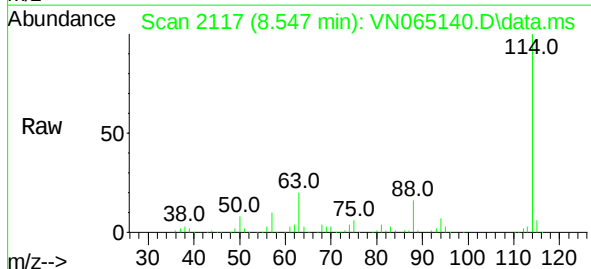


Abundance Scan 2117 (8.547 min): VN065141.D\data.ms (-1628)

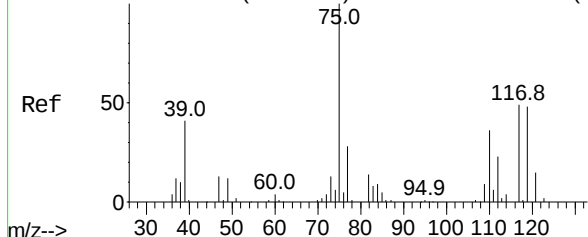


1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 8.547 min Scan# 2117
Delta R.T. 0.000 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

Tgt Ion:114 Resp: 345308
Ion Ratio Lower Upper
114 100
63 20.8 18.5 27.7
88 16.0 13.0 19.6



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



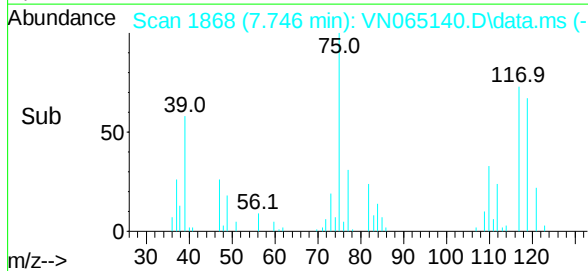
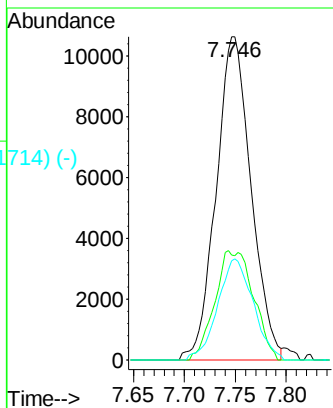
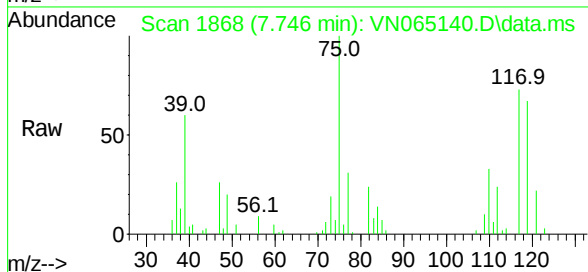
1,1-Dichloropropene
Concen: 4.31 ug/l
RT: 7.746 min Scan# 1868
Delta R.T. -0.006 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

Tgt Ion:	75	Resp:	25350
Ion	Ratio	Lower	Upper
75	100		
110	20.2	0.0	66.4
77	31.8	0.0	62.0

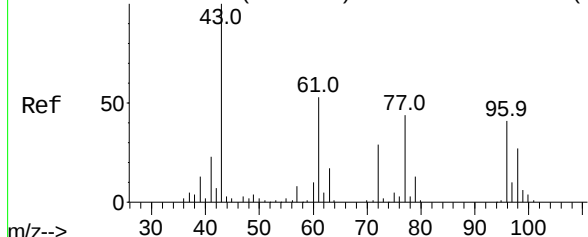
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

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12/16/2020 1:47:22 PM

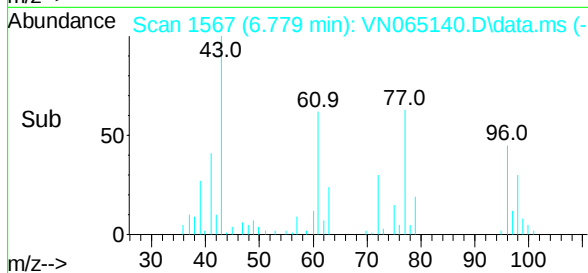
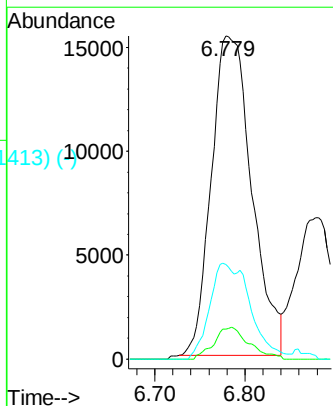
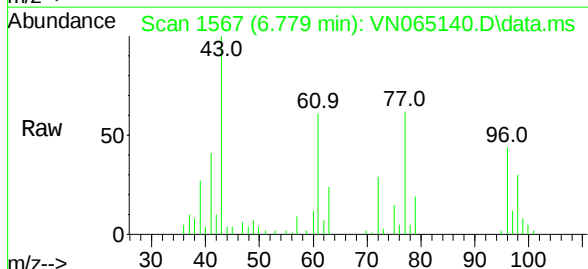


Abundance Scan 1569 (6.785 min): VN065141.D\data.ms (-15430-)



2-Butanone
Concen: 17.16 ug/l
RT: 6.779 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

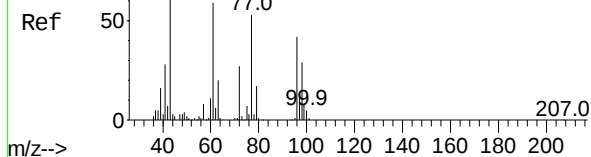
Tgt Ion:	43	Resp:	48035
Ion	Ratio	Lower	Upper
43	100		
57	3.3	6.2	9.4#
72	17.7	9.9	14.9#



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

2,2-Dichloropropane
Concen: 4.74 ug/l m
RT: 6.775 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

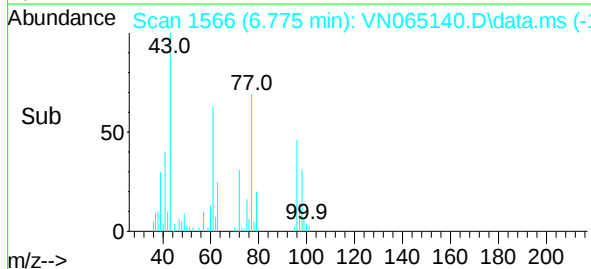
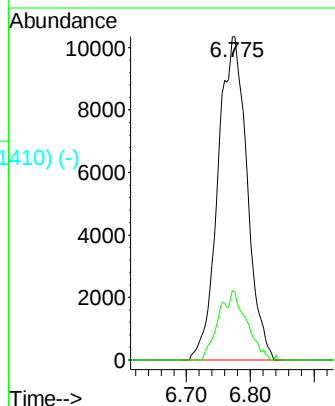
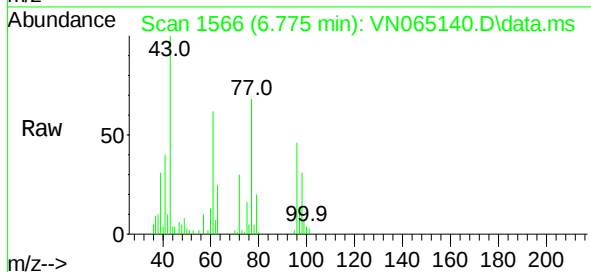
Instrument :
MSVOA_N
ClientSampled :
VSTDIC005



Tgt Ion: 77 Resp: 32582
Ion Ratio Lower Upper
77 100
97 8.4 16.9 25.3#

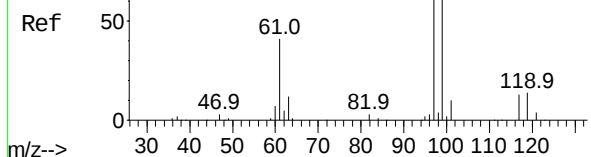
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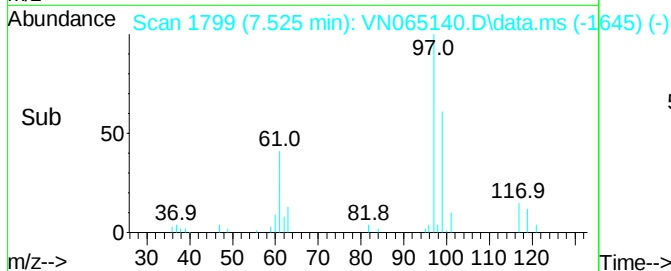
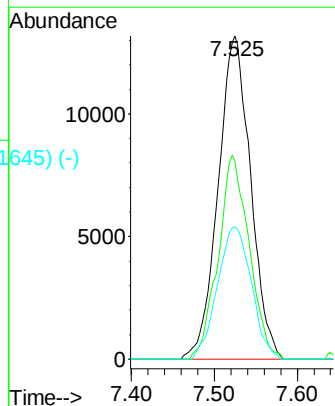
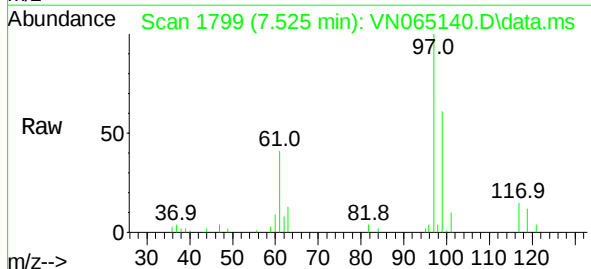


Abundance Scan 1801 (7.531 min): VN065141.D\data.ms (-17792-)

1,1,1-Trichloroethane
Concen: 5.00 ug/l
RT: 7.525 min Scan# 1799
Delta R.T. -0.006 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

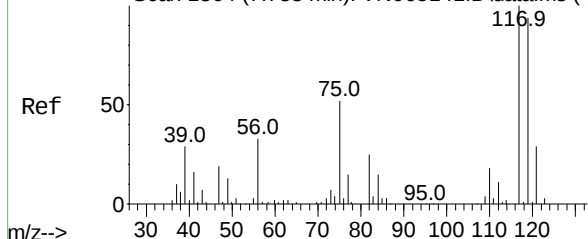


Tgt Ion: 97 Resp: 35792
Ion Ratio Lower Upper
97 100
99 60.0 51.8 77.8
61 42.7 39.4 59.0



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

Carbon Tetrachloride
Concen: 4.88 ug/l
RT: 7.730 min Scan# 1863
Delta R.T. -0.003 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

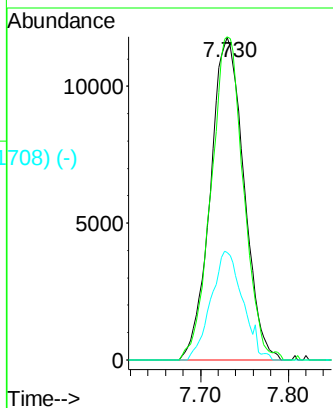
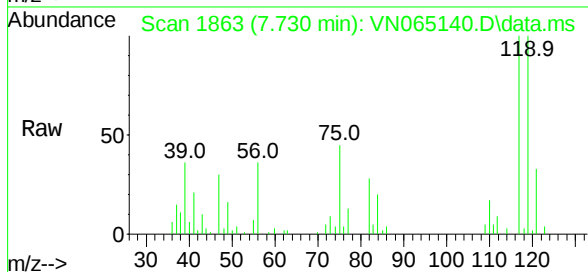


Tgt Ion:117 Resp: 31303
Ion Ratio Lower Upper
117 100
119 100.2 77.9 116.9
121 33.4 24.0 36.0

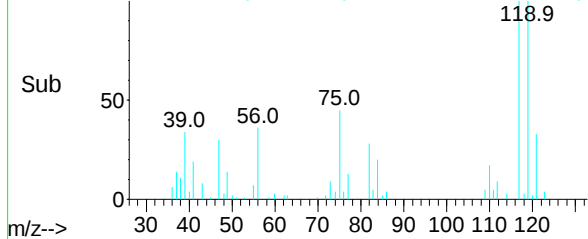
Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

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12/16/2020 1:47:22 PM

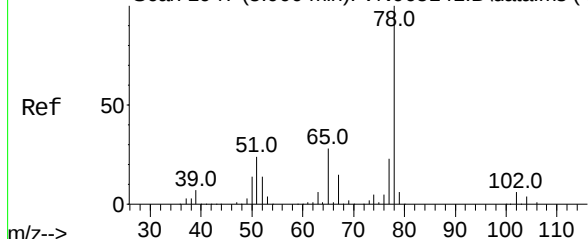


Abundance Scan 1863 (7.730 min): VN065140.D\data.ms (-1708-)

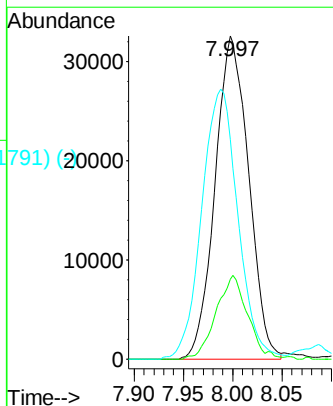
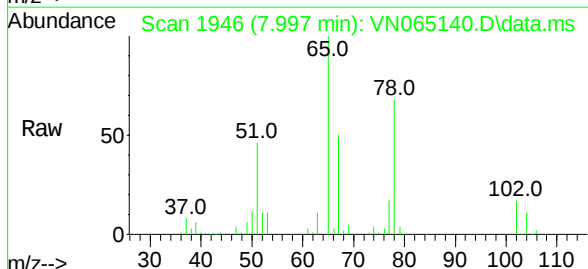


Abundance Scan 1947 (8.000 min): VN065141.D\data.ms (-19284-)

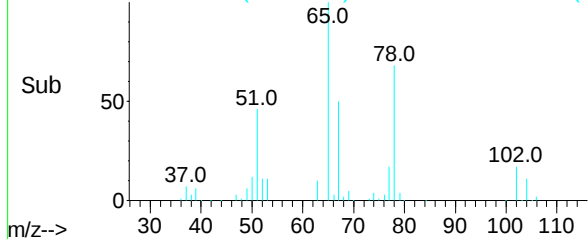
Benzene
Concen: 4.48 ug/l
RT: 7.997 min Scan# 1946
Delta R.T. -0.003 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22



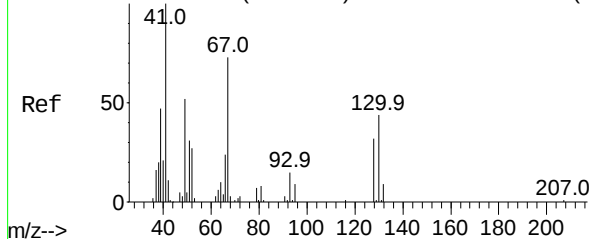
Tgt Ion: 78 Resp: 77501
Ion Ratio Lower Upper
78 100
77 24.6 18.9 28.3
51 66.5 24.6 36.8#



Abundance Scan 1946 (7.997 min): VN065140.D\data.ms (-1791-)



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



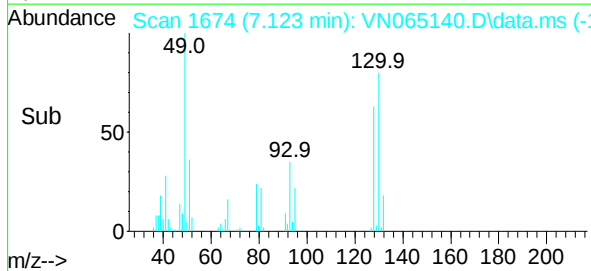
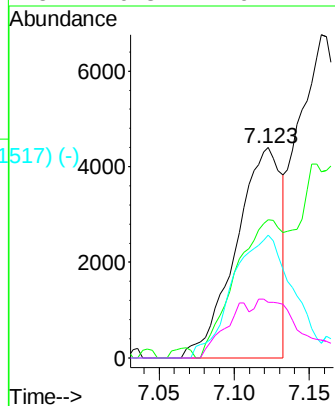
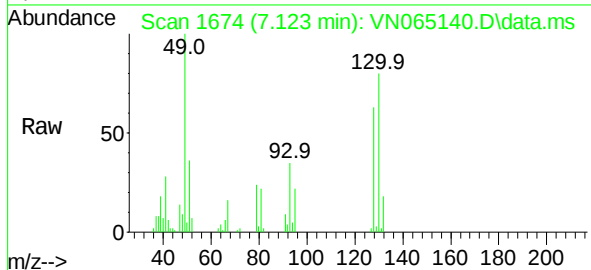
Methacrylonitrile
Concen: 3.40 ug/l
RT: 7.123 min Scan# 1674
Delta R.T. 0.003 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

Tgt Ion:	41	Resp:	9245
Ion	Ratio	Lower	Upper
41	100		
39	61.0	30.0	90.1
67	58.3	29.2	87.6
52	26.3	14.9	44.9

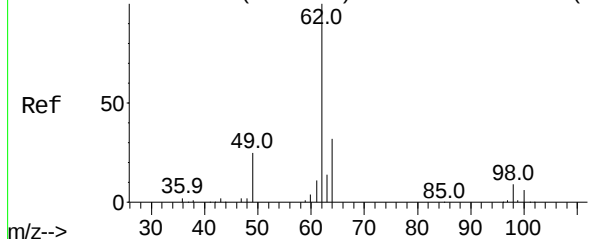
Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

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12/16/2020 1:47:22 PM

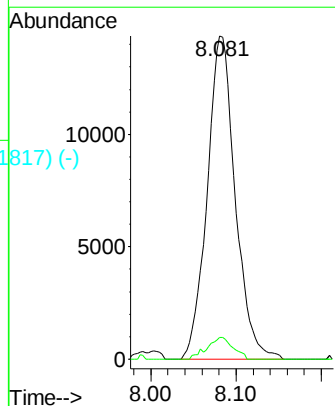
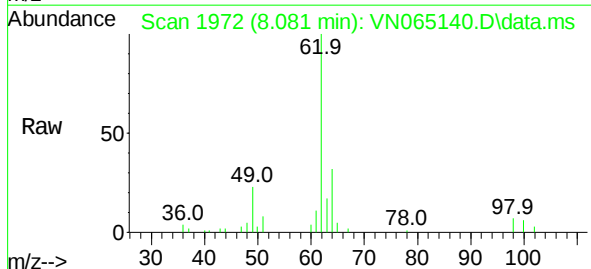


Abundance Scan 1973 (8.084 min): VN065141.D\data.ms (-19536)

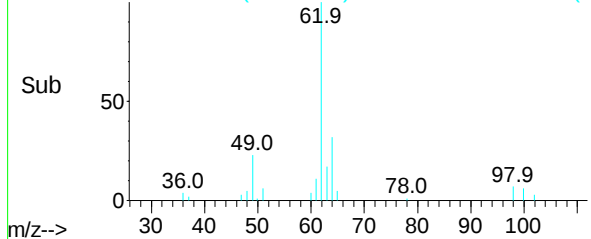


1,2-Dichloroethane
Concen: 4.83 ug/l
RT: 8.081 min Scan# 1972
Delta R.T. -0.003 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

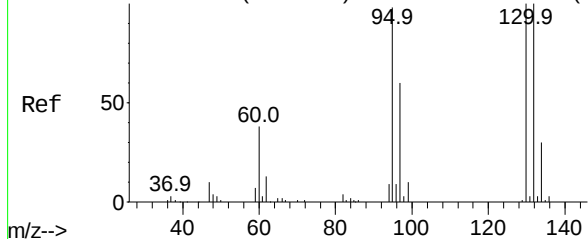
Tgt Ion:	62	Resp:	32839
Ion	Ratio	Lower	Upper
62	100		
98	5.4	5.5	8.3#



Abundance Scan 1972 (8.081 min): VN065140.D\data.ms (-1817) (-)



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



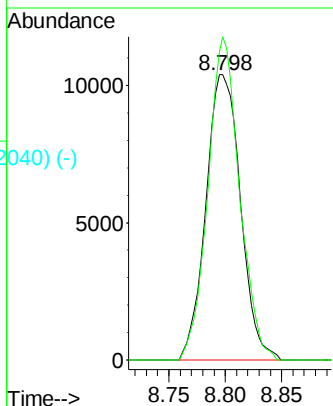
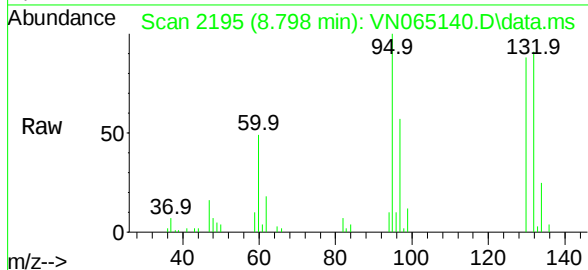
Trichloroethene
Concen: 5.02 ug/l
RT: 8.798 min Scan# 2195
Delta R.T. -0.003 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

Tgt Ion:130 Resp: 22283
Ion Ratio Lower Upper
130 100
95 113.3 85.1 127.7

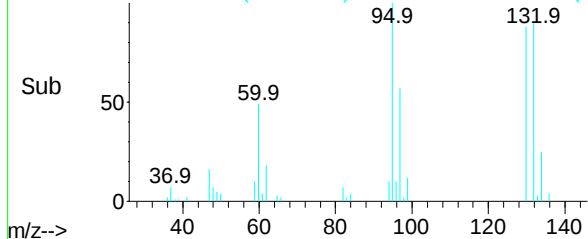
Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

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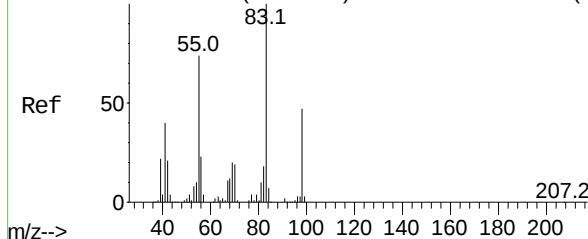
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Abundance Scan 2195 (8.798 min): VN065140.D\data.ms (-2040 -)

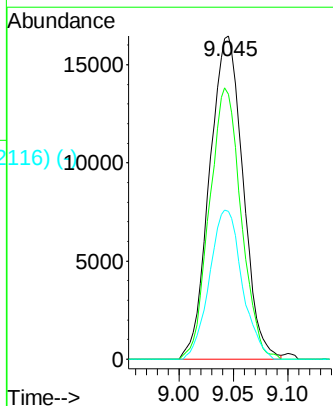
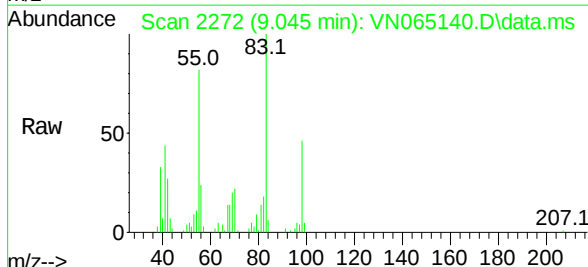


Abundance Scan 2272 (9.045 min): VN065141.D\data.ms (-22549-)

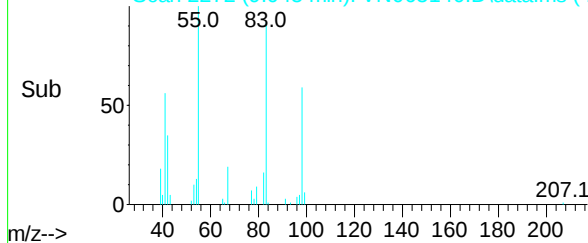


Methylcyclohexane
Concen: 6.33 ug/l
RT: 9.045 min Scan# 2272
Delta R.T. 0.000 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

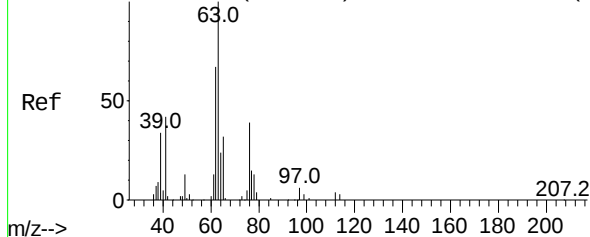
Tgt Ion: 83 Resp: 35080
Ion Ratio Lower Upper
83 100
55 79.5 42.0 126.1
98 45.0 22.5 67.5



Abundance Scan 2272 (9.045 min): VN065140.D\data.ms (-2116) (1)



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



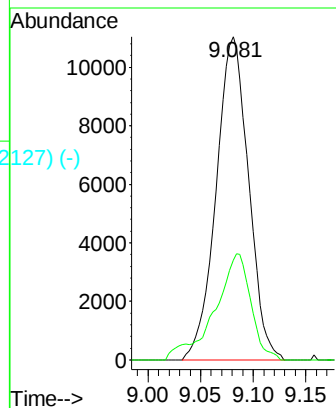
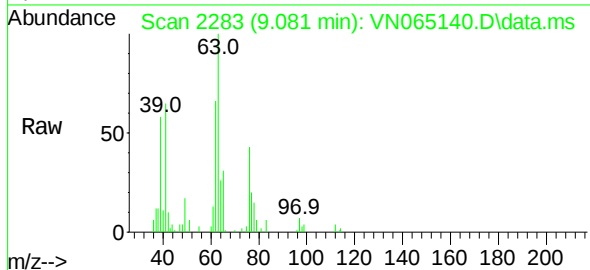
1,2-Dichloropropane
Concen: 5.12 ug/l
RT: 9.081 min Scan# 2283
Delta R.T. 0.000 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

Tgt Ion: 63 Resp: 23624
Ion Ratio Lower Upper
63 100
65 30.8 24.4 36.6

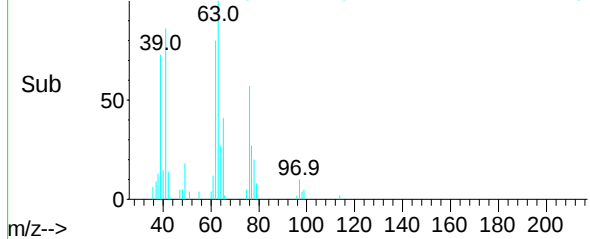
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

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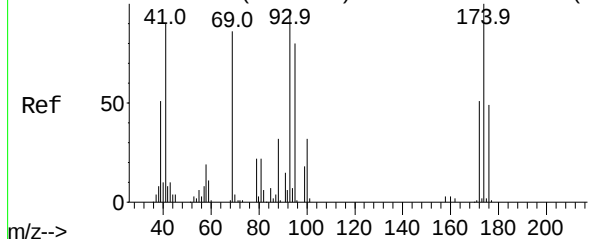
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Abundance Scan 2283 (9.081 min): VN065140.D\data.ms (-2127-)

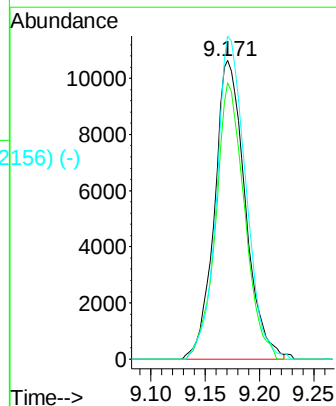
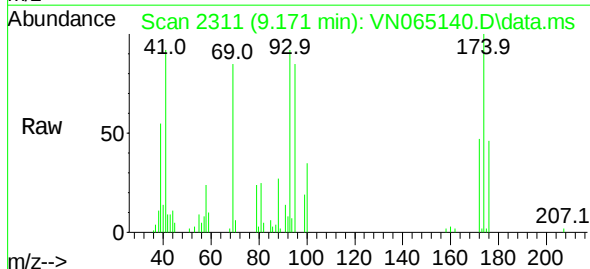


Abundance Scan 2312 (9.174 min): VN065141.D\data.ms (-229740-)

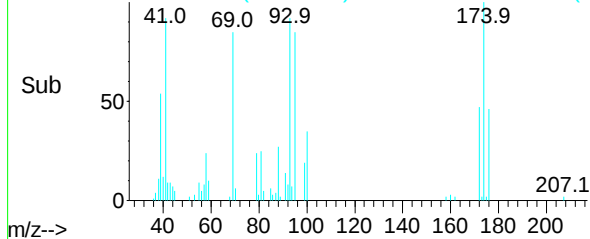


Dibromomethane
Concen: 6.72 ug/l
RT: 9.171 min Scan# 2311
Delta R.T. -0.003 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

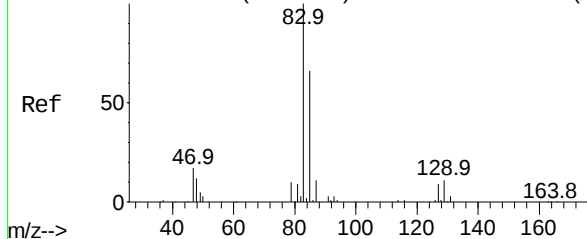
Tgt Ion: 93 Resp: 20777
Ion Ratio Lower Upper
93 100
95 86.7 0.0 164.6
174 102.7 0.0 165.6



Abundance Scan 2311 (9.171 min): VN065140.D\data.ms (-2156-)



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



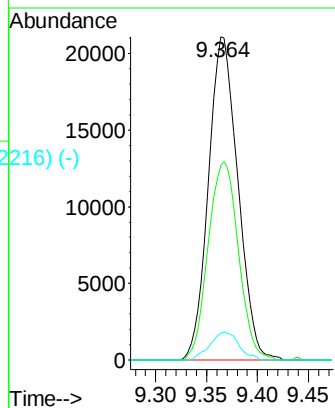
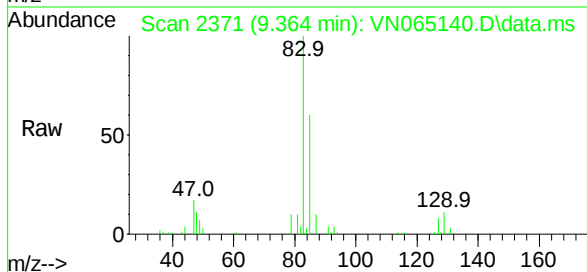
Bromodichloromethane
Concen: 6.43 ug/l
RT: 9.364 min Scan# 2371
Delta R.T. -0.003 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

Tgt Ion:	83	Resp:	42449
Ion	Ratio	Lower	Upper
83	100		
85	60.3	51.0	76.4
127	8.4	6.2	9.4

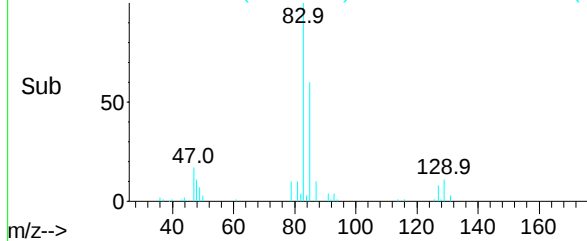
Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

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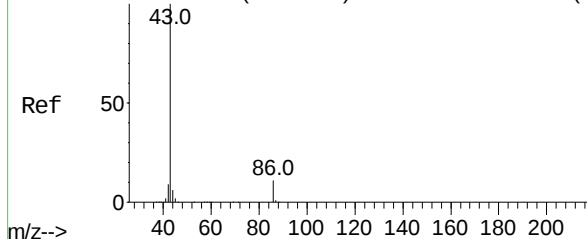
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12/16/2020 1:47:22 PM



Abundance Scan 2371 (9.364 min): VN065140.D\data.ms (-2216-)

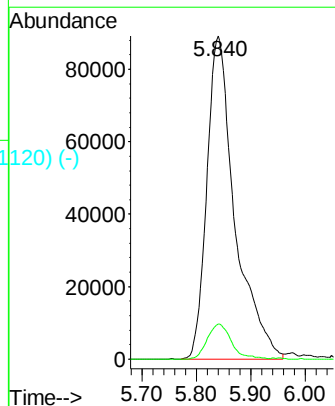
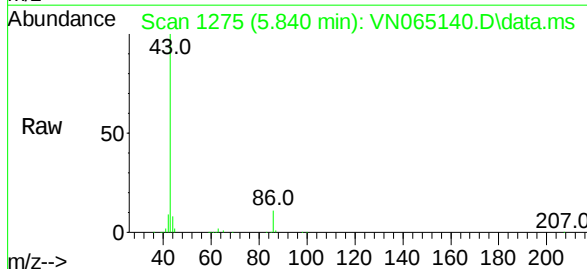


Abundance Scan 1276 (5.843 min): VN065141.D\data.ms (-12542-)

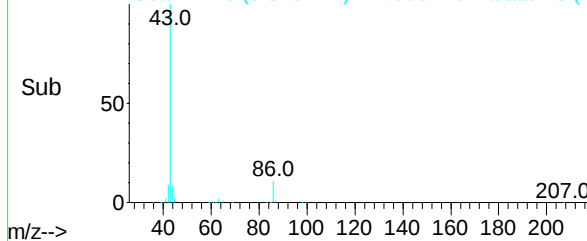


Vinyl Acetate
Concen: 27.87 ug/l
RT: 5.840 min Scan# 1275
Delta R.T. -0.003 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

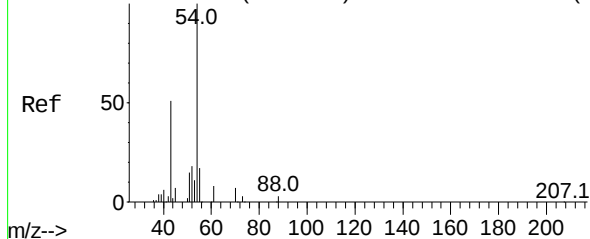
Tgt Ion:	43	Resp:	318596
Ion	Ratio	Lower	Upper
43	100		
86	9.1	6.3	9.5



Abundance Scan 1275 (5.840 min): VN065140.D\data.ms (-1120-)



Abundance Scan 1599 (6.881 min): VN065141.D\data.ms (-15643-)



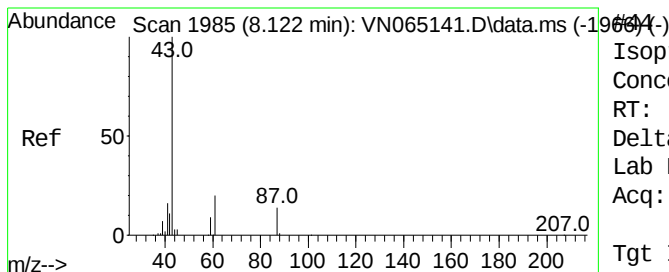
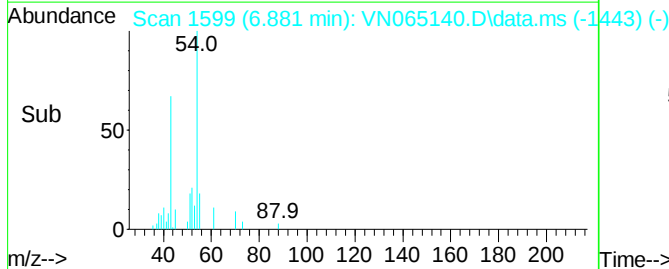
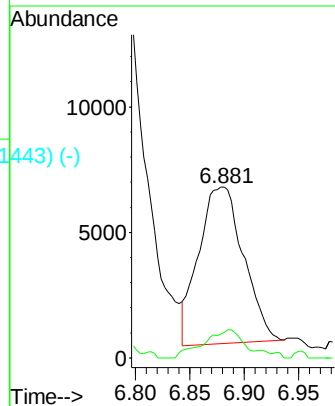
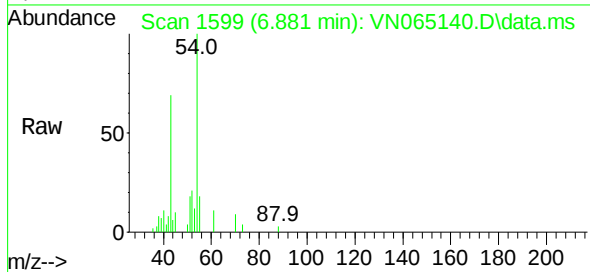
Ethyl Acetate
Concen: 3.16 ug/l
RT: 6.881 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

Tgt Ion: 43 Resp: 17929
Ion Ratio Lower Upper
43 100
45 5.1 10.9 16.3#

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

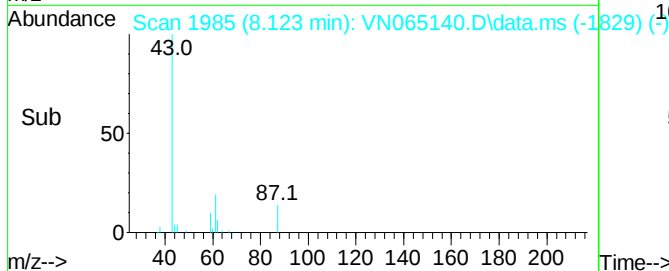
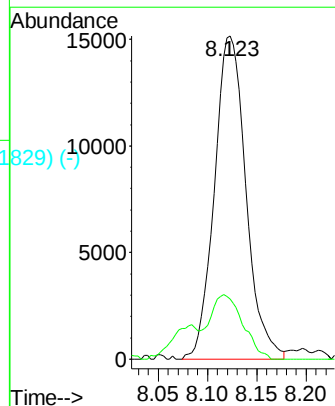
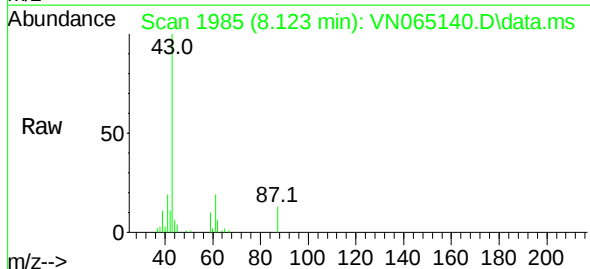
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12/16/2020 1:47:22 PM

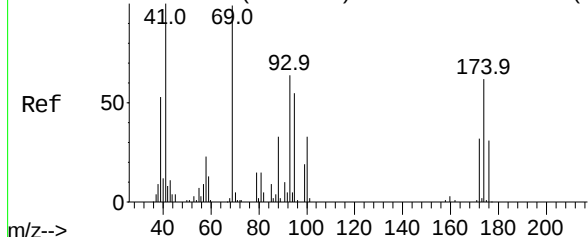


Isopropyl Acetate
Concen: 3.55 ug/l
RT: 8.123 min Scan# 1985
Delta R.T. 0.000 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

Tgt Ion: 43 Resp: 33926
Ion Ratio Lower Upper
43 100
61 19.8 13.0 19.4#



Abundance Scan 2309 (9.164 min): VN065141.D\data.ms (-22945-)



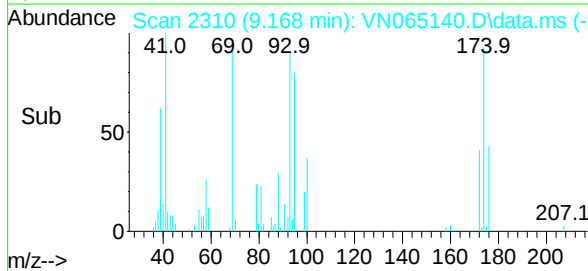
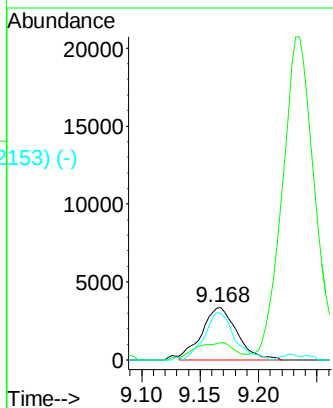
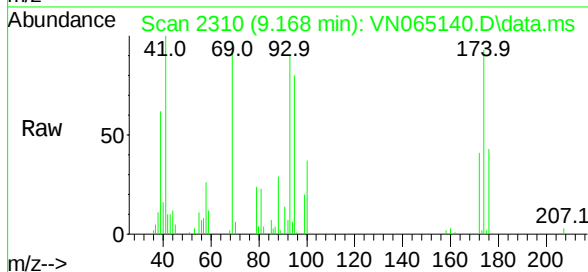
1,4-Dioxane
Concen: 102.94 ug/l
RT: 9.168 min Scan# 2310
Delta R.T. 0.003 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

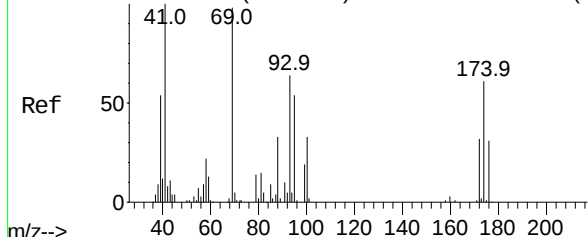
Tgt Ion: 88 Resp: 7050
Ion Ratio Lower Upper
88 100
43 12.1 30.6 46.0#
58 77.0 57.9 86.9

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12/16/2020 1:47:22 PM

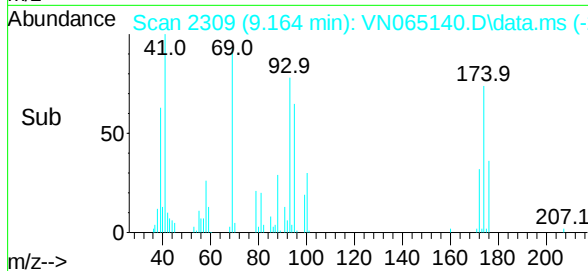
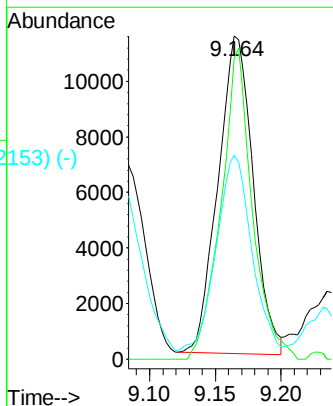
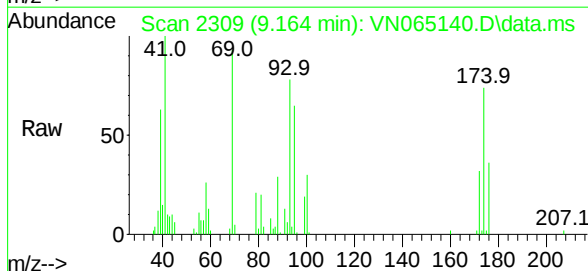


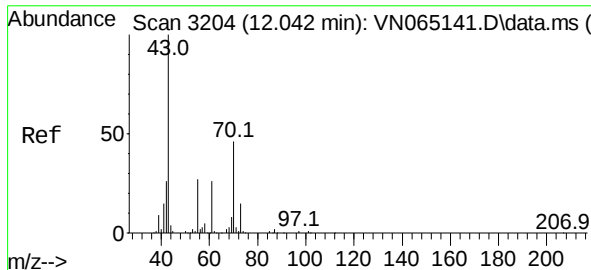
Abundance Scan 2309 (9.164 min): VN065141.D\data.ms (-22946-)



Methyl methacrylate
Concen: 4.50 ug/l
RT: 9.164 min Scan# 2309
Delta R.T. 0.000 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

Tgt Ion: 41 Resp: 21191
Ion Ratio Lower Upper
41 100
69 95.0 35.4 106.2
39 61.8 31.6 94.7





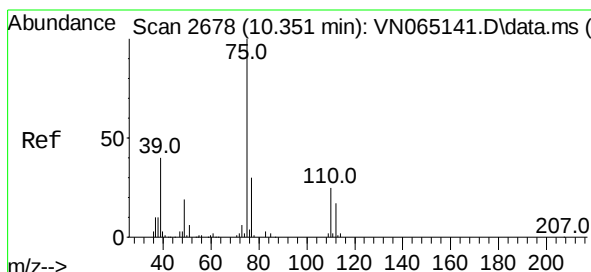
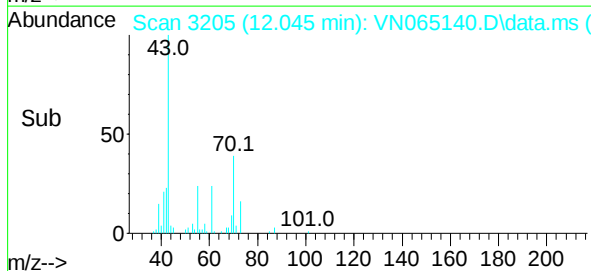
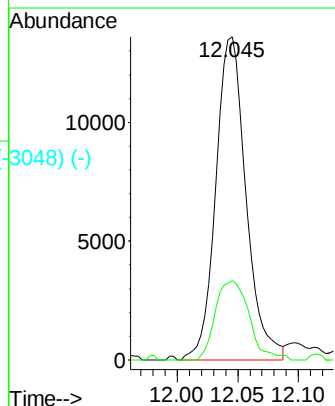
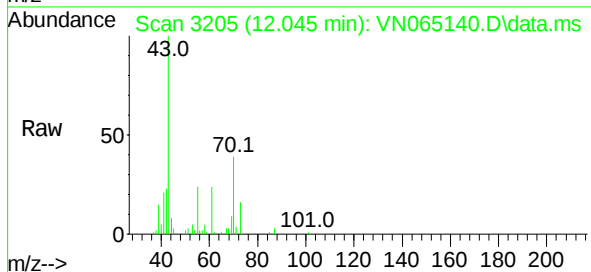
n-amy1 Acetate
Concen: 2.86 ug/l
RT: 12.045 min Scan# 3205
Delta R.T. 0.003 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

Tgt Ion: 43 Resp: 23489
Ion Ratio Lower Upper
43 100
55 27.1 19.2 28.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

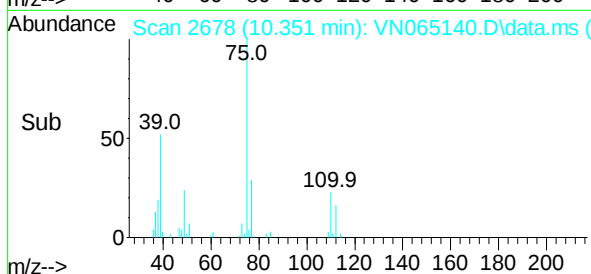
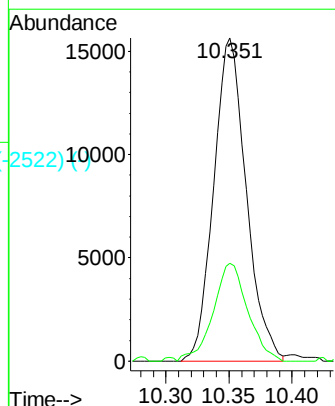
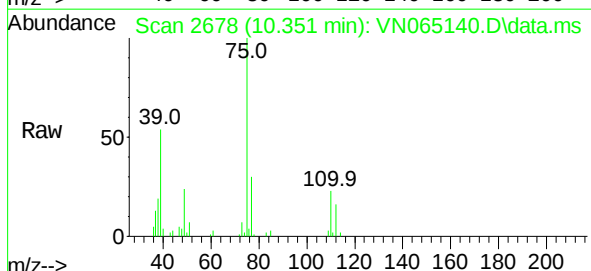
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12/16/2020 1:47:22 PM



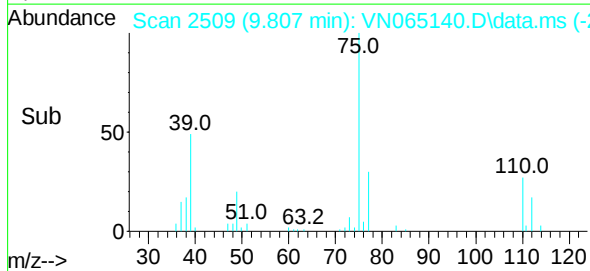
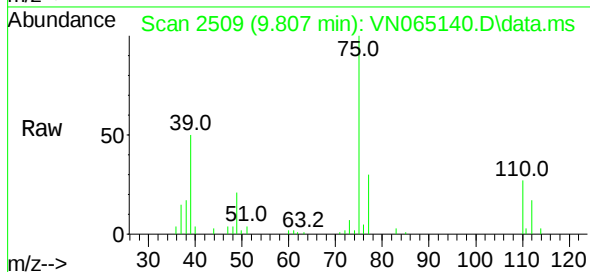
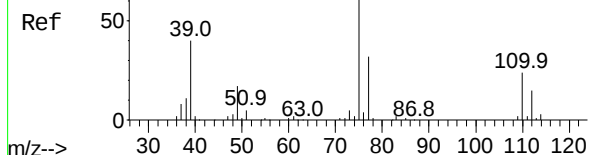
t-1,3-Dichloropropene
Concen: 3.99 ug/l
RT: 10.351 min Scan# 2678
Delta R.T. 0.000 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

Tgt Ion: 75 Resp: 28014
Ion Ratio Lower Upper
75 100
77 30.3 25.8 38.6

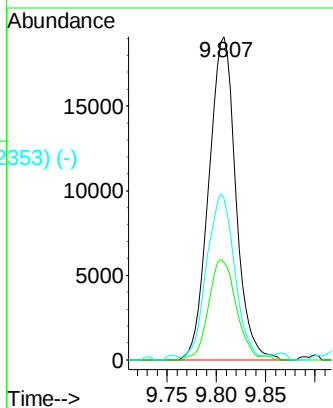


Abundance Scan 2509 (9.807 min): VN065141.D\data.ms (-2499) (-)

cis-1,3-Dichloropropene
Concen: 4.90 ug/l
RT: 9.807 min Scan# 2509
Delta R.T. 0.000 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22



Tgt Ion:	75	Resp:	36595
Ion	Ratio	Lower	Upper
75	100		
77	30.1	24.8	37.2
39	49.0	47.4	71.0



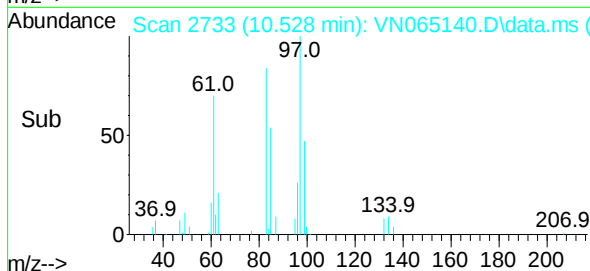
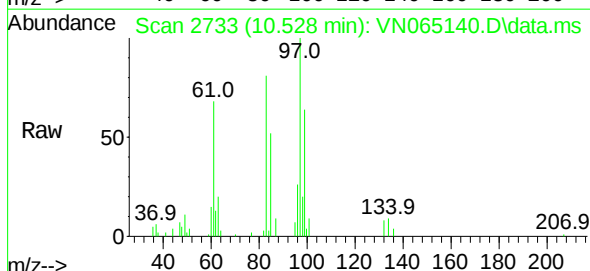
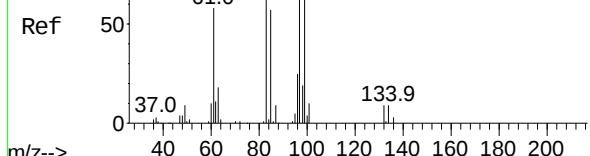
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Manual Integrations
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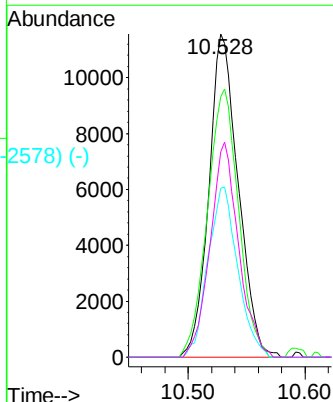
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12/16/2020 1:47:22 PM

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

1,1,2-Trichloroethane
Concen: 4.68 ug/l
RT: 10.528 min Scan# 2733
Delta R.T. -0.003 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

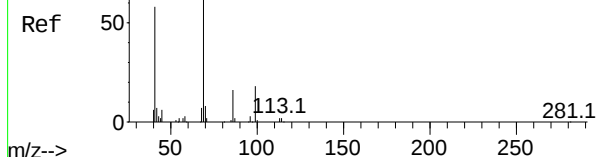


Tgt Ion:	97	Resp:	20089
Ion	Ratio	Lower	Upper
97	100		
83	80.7	74.2	111.4
85	52.2	44.8	67.2
99	63.6	50.5	75.7

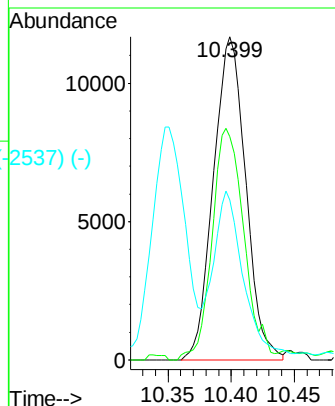
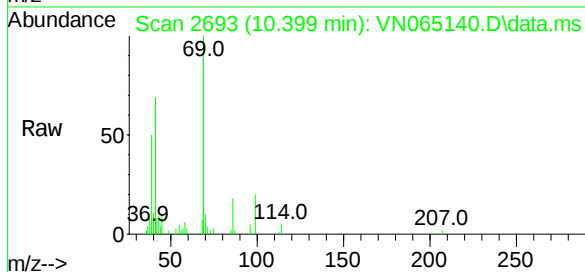


Abundance Scan 2693 (10.399 min): VN065141.D\data.ms (-2650) (-)

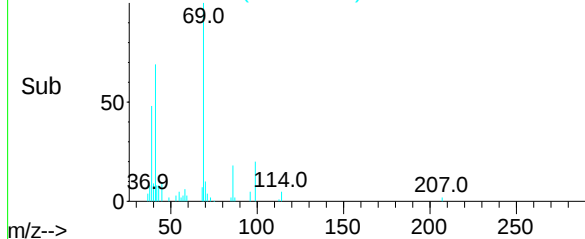
Ethyl methacrylate
Concen: 3.42 ug/l
RT: 10.399 min Scan# 2693
Delta R.T. 0.000 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22



Tgt Ion:	69	Resp:	20826
Ion	Ratio	Lower	Upper
69	100		
41	67.6	35.4	106.1
39	46.3	24.1	72.2

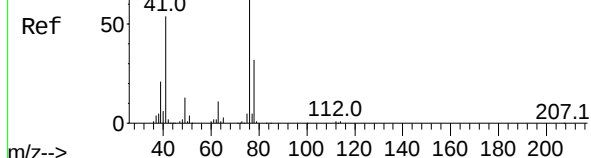


Abundance Scan 2693 (10.399 min): VN065140.D\data.ms (-2537) (-)

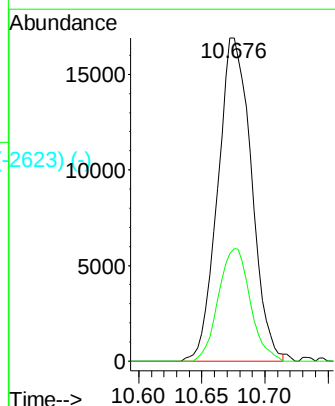
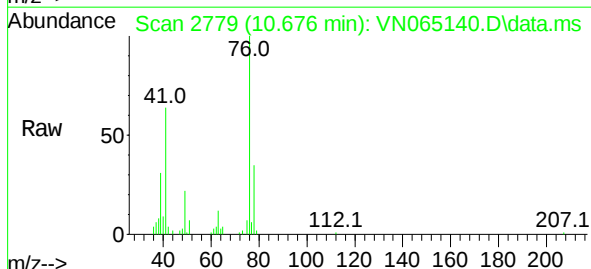


Abundance Scan 2779 (10.676 min): VN065141.D\data.ms (-2752) (-)

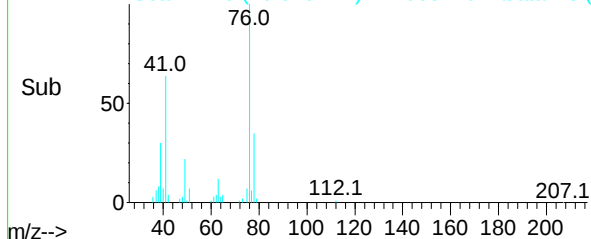
1,3-Dichloropropane
Concen: 4.27 ug/l
RT: 10.676 min Scan# 2779
Delta R.T. 0.000 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22



Tgt Ion:	76	Resp:	31312
Ion	Ratio	Lower	Upper
76	100		
78	32.9	0.0	65.2



Abundance Scan 2779 (10.676 min): VN065140.D\data.ms (-2623) (-)



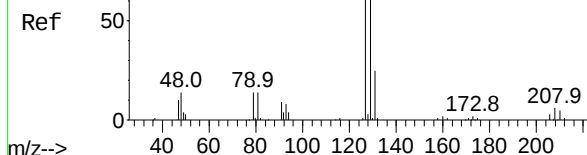
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

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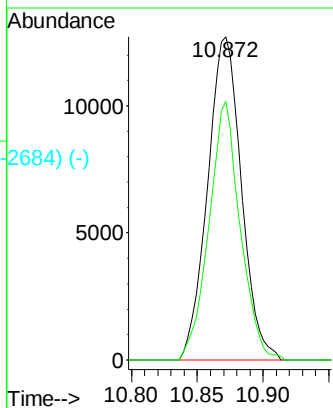
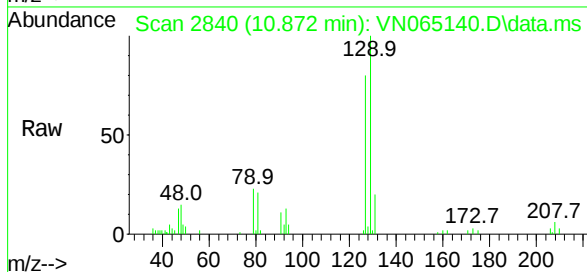
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12/16/2020 1:47:22 PM

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

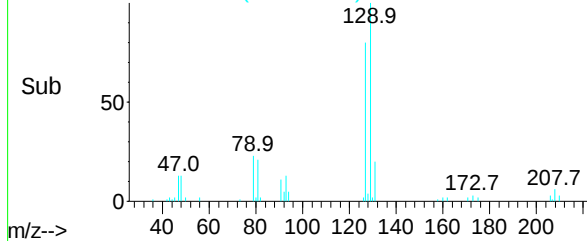
Dibromochloromethane
Concen: 4.65 ug/l
RT: 10.872 min Scan# 2840
Delta R.T. 0.000 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22



Tgt Ion:129 Resp: 22720
Ion Ratio Lower Upper
129 100
127 73.8 39.1 117.2

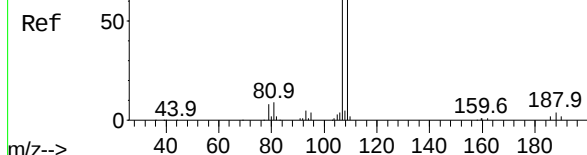


Abundance Scan 2840 (10.872 min): VN065140.D\data.ms (-2684) (-)

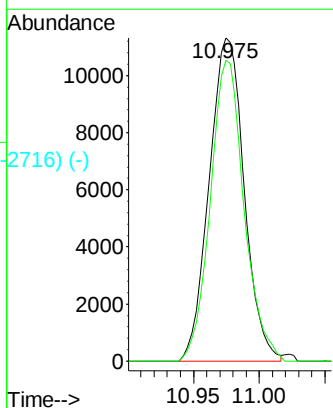
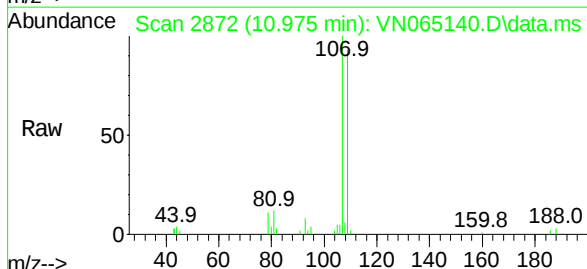


Abundance Scan 2872 (10.974 min): VN065141.D\data.ms (-2659) (-)

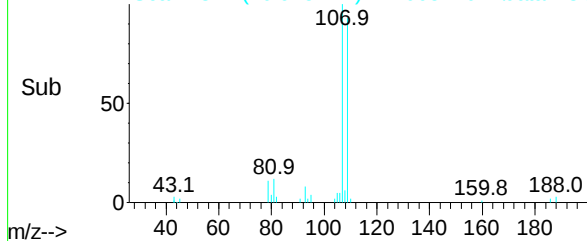
1,2-Dibromoethane
Concen: 4.75 ug/l
RT: 10.975 min Scan# 2872
Delta R.T. 0.000 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22



Tgt Ion:107 Resp: 20937
Ion Ratio Lower Upper
107 100
109 89.7 77.2 115.8



Abundance Scan 2872 (10.975 min): VN065140.D\data.ms (-2716) (-)



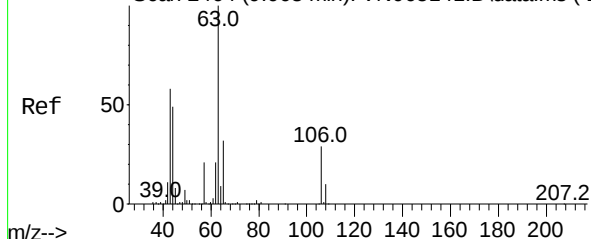
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Manual Integrations
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12/16/2020 1:47:22 PM

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

2-Chloroethyl vinyl ether
Concen: 19.98 ug/l
RT: 9.659 min Scan# 2463
Delta R.T. -0.003 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

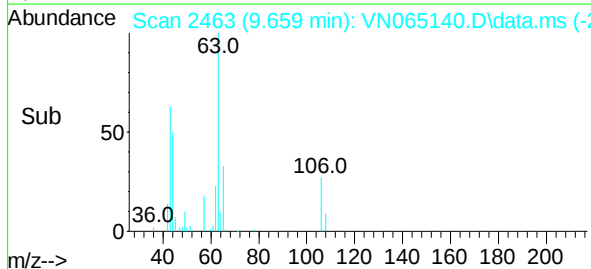
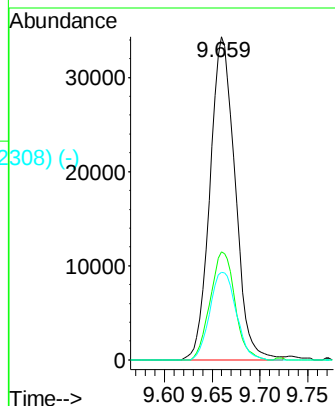
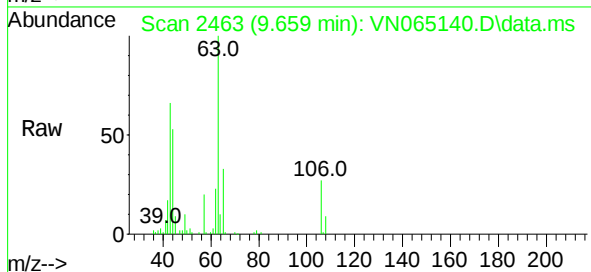


Tgt Ion:	63	Resp:	62468
Ion	Ratio	Lower	Upper
63	100		
65	33.0	25.7	38.5
106	28.4	19.9	29.9

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

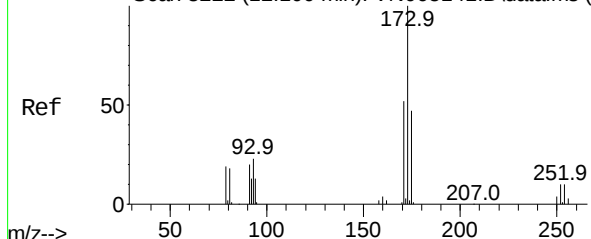
Manual Integrations
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12/16/2020 1:47:22 PM

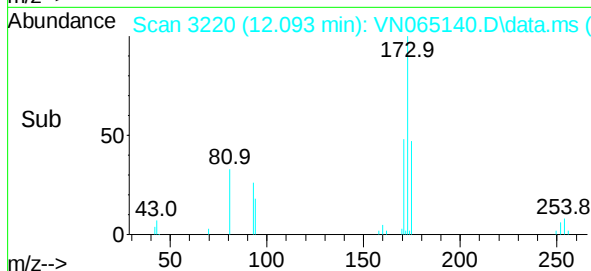
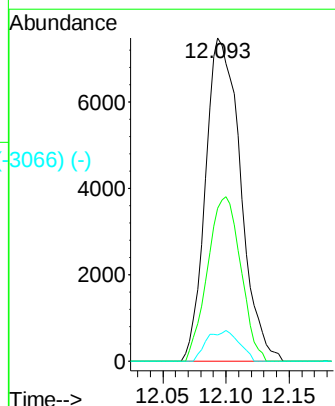
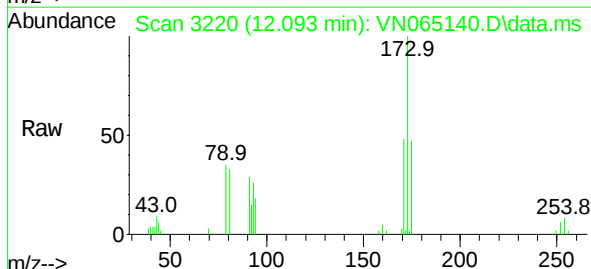


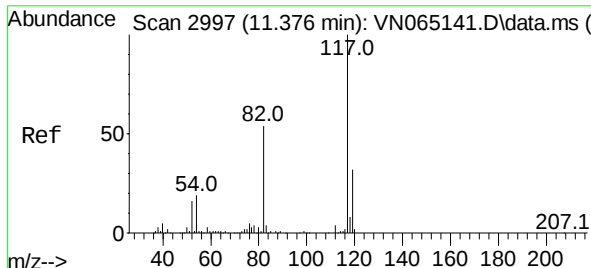
Abundance Scan 3222 (12.100 min): VN065141.D\data.ms (-3256) (-)

Bromoform
Concen: 4.44 ug/l
RT: 12.093 min Scan# 3220
Delta R.T. -0.006 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22



Tgt Ion:	173	Resp:	14393
Ion	Ratio	Lower	Upper
173	100		
175	0.0	37.1	55.7#
254	3.6	5.4	8.2#





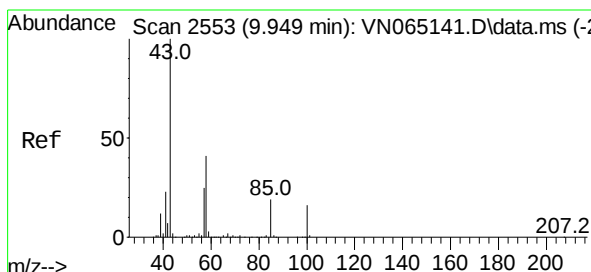
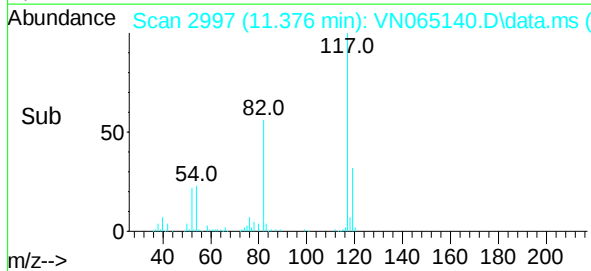
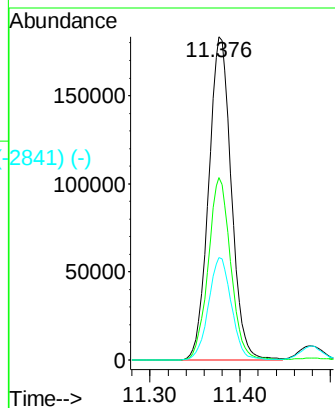
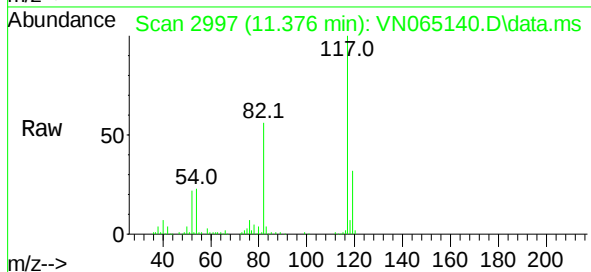
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

Tgt Ion:	117	Resp:	321217
Ion	Ratio	Lower	Upper
117	100		
82	55.9	47.8	71.8
119	31.9	25.7	38.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

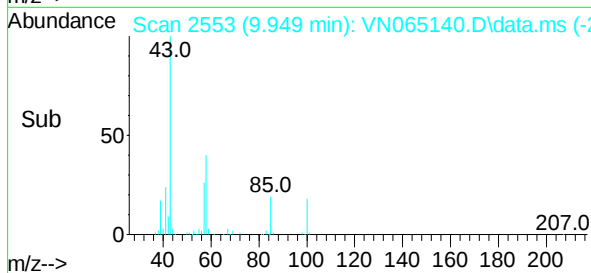
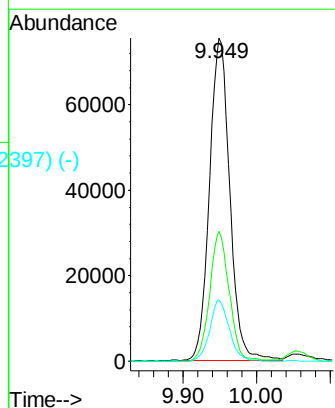
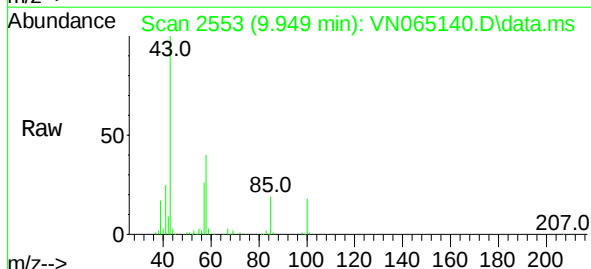
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12/16/2020 1:47:22 PM



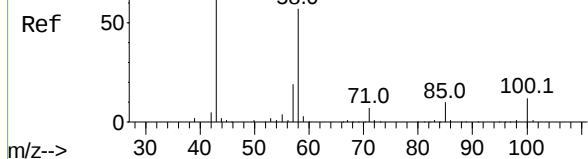
4-Methyl-2-Pentanone
Concen: 25.75 ug/l
RT: 9.949 min Scan# 2553
Delta R.T. 0.000 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

Tgt Ion:	43	Resp:	144948
Ion	Ratio	Lower	Upper
43	100		
58	38.3	28.8	43.2
85	18.2	12.3	18.5

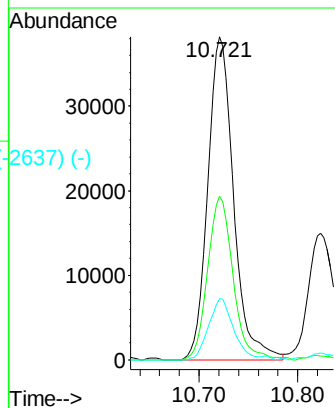
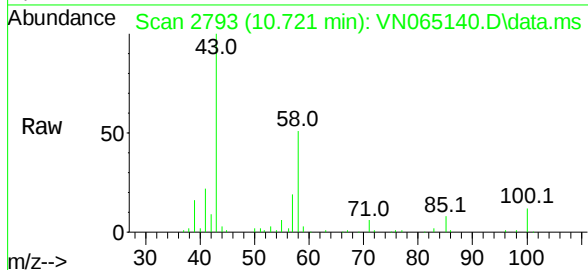


Abundance Scan 2793 (10.720 min): VN065141.D\data.ms (-2759) (-)

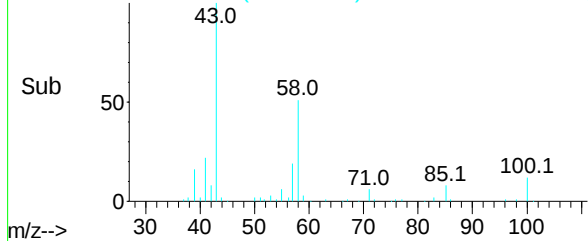
2-Hexanone
Concen: 16.57 ug/l
RT: 10.721 min Scan# 2793
Delta R.T. 0.000 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22



Tgt Ion:	43	Resp:	69419
Ion	Ratio	Lower	Upper
43	100		
58	49.8	38.2	57.4
57	18.3	13.8	20.8

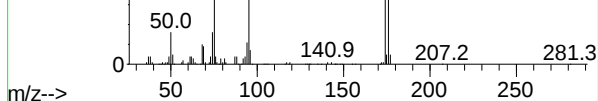


Abundance Scan 2793 (10.721 min): VN065140.D\data.ms (-2637) (-)

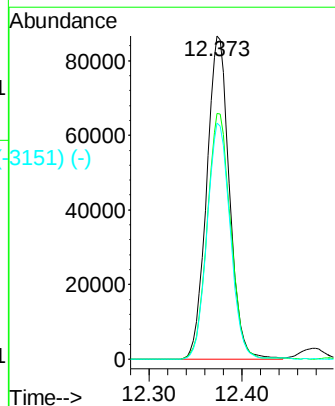
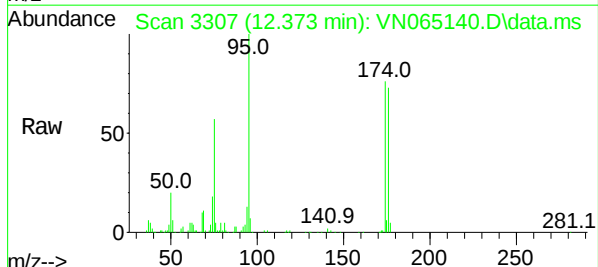


Abundance Scan 3307 (12.373 min): VN065141.D\data.ms (-3259) (-)

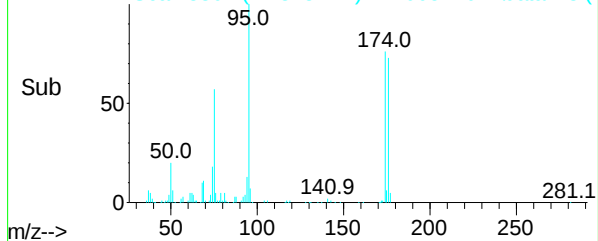
4-Bromofluorobenzene
Concen: 27.39 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.000 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22



Tgt Ion:	95	Resp:	147121
Ion	Ratio	Lower	Upper
95	100		
174	78.1	56.4	84.6
176	74.3	53.3	79.9



Abundance Scan 3307 (12.373 min): VN065140.D\data.ms (-3151) (-)



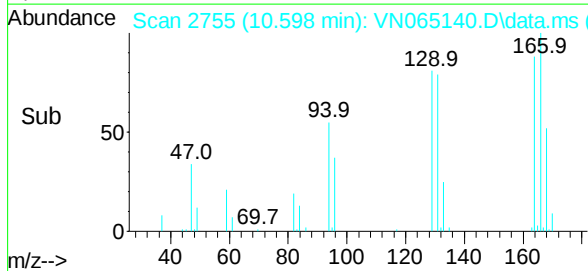
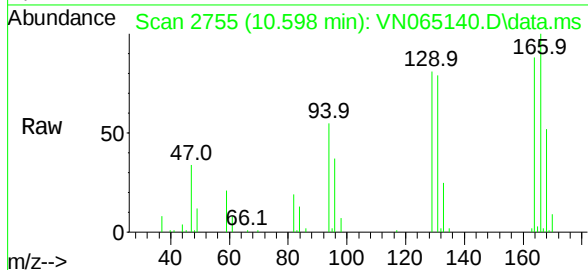
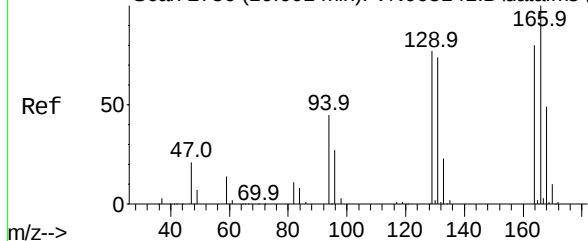
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

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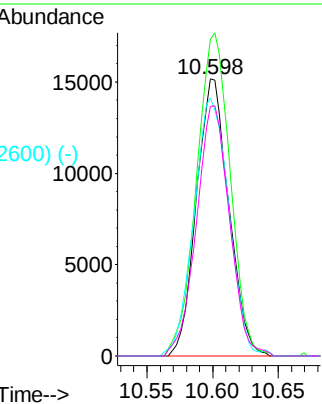
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12/16/2020 1:47:22 PM

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

Tetrachloroethene
Concen: 6.20 ug/l
RT: 10.598 min Scan# 2755
Delta R.T. -0.003 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22



Tgt Ion:	164	Resp:	25827
Ion	Ratio	Lower	Upper
164	100		
166	113.2	103.2	154.8
129	91.9	86.4	129.6
131	88.9	84.0	126.0



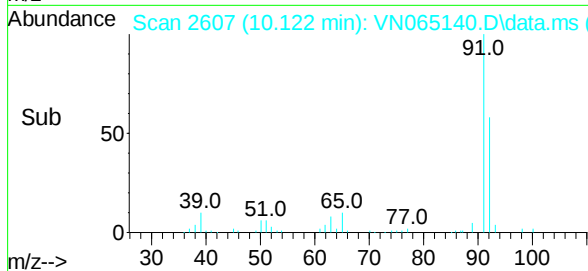
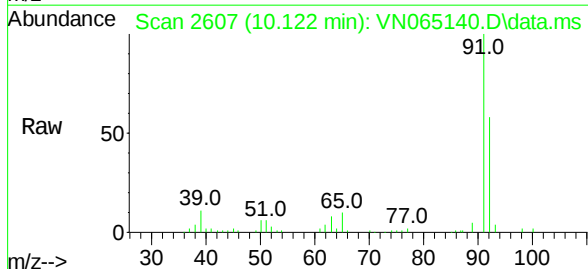
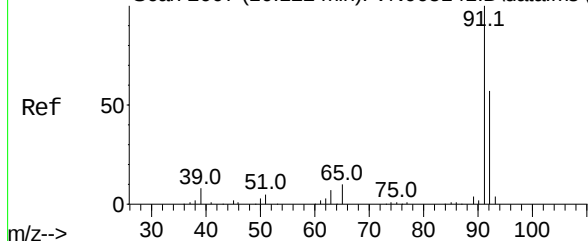
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Manual Integrations
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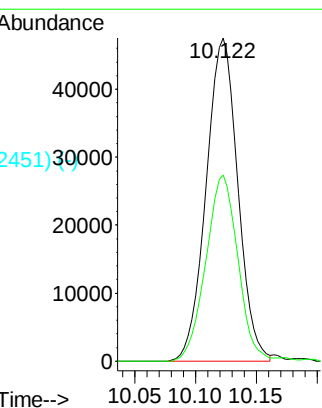
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12/16/2020 1:47:22 PM

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

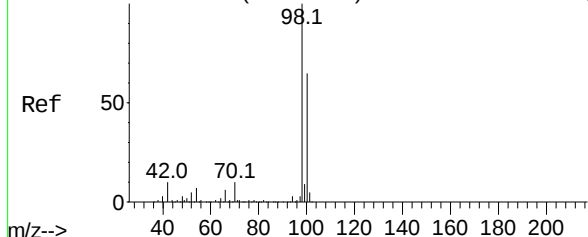
Toluene
Concen: 4.60 ug/l
RT: 10.122 min Scan# 2607
Delta R.T. 0.000 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22



Tgt Ion:	91	Resp:	86118
Ion	Ratio	Lower	Upper
91	100		
92	58.1	45.4	68.2



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



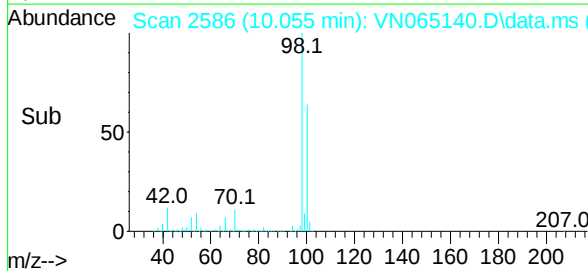
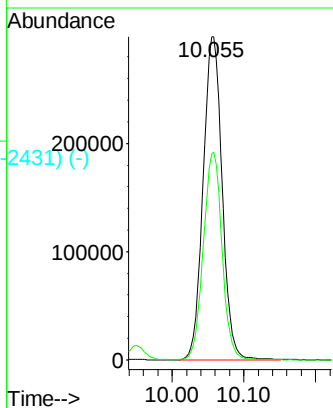
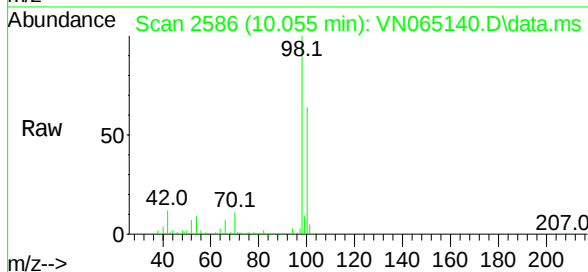
Toluene-d8
Concen: 36.89 ug/l
RT: 10.055 min Scan# 2586
Delta R.T. -0.003 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

Tgt Ion: 98 Resp: 549704
Ion Ratio Lower Upper
98 100
100 63.0 49.4 74.2

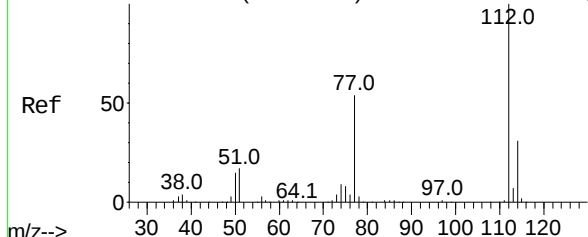
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

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12/16/2020 1:47:22 PM

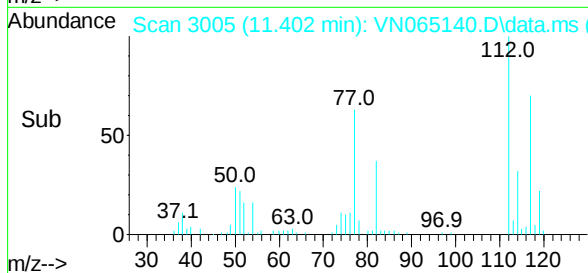
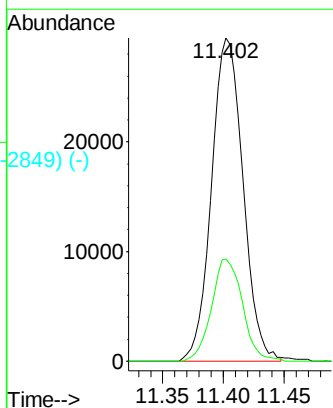
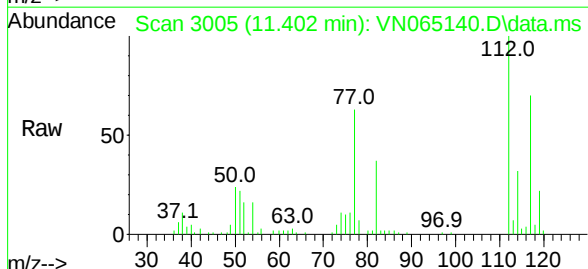


Abundance Scan 3005 (11.402 min): VN065141.D\data.ms (-2951) (-)

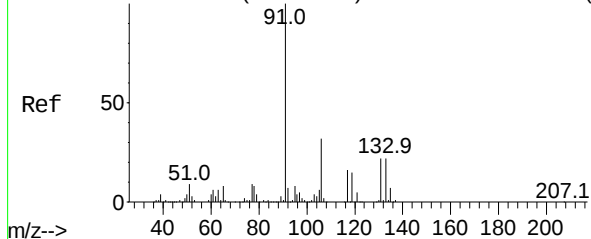


Chlorobenzene
Concen: 4.72 ug/l
RT: 11.402 min Scan# 3005
Delta R.T. 0.000 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

Tgt Ion:112 Resp: 52952
Ion Ratio Lower Upper
112 100
114 31.7 25.0 37.6



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



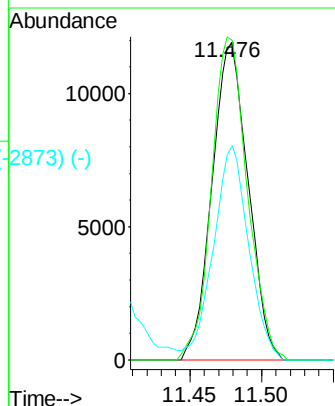
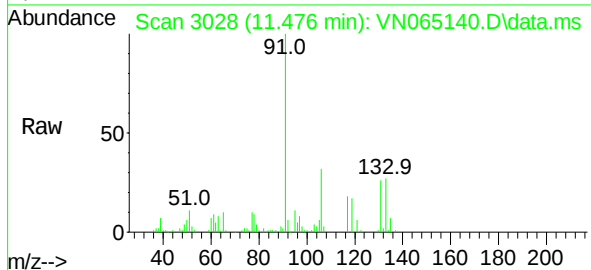
1,1,1,2-Tetrachloroethane
Concen: 4.77 ug/l
RT: 11.476 min Scan# 3028
Delta R.T. -0.003 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

Tgt Ion:131 Resp: 20756
Ion Ratio Lower Upper
131 100
133 101.1 0.0 191.2
119 66.3 0.0 131.6

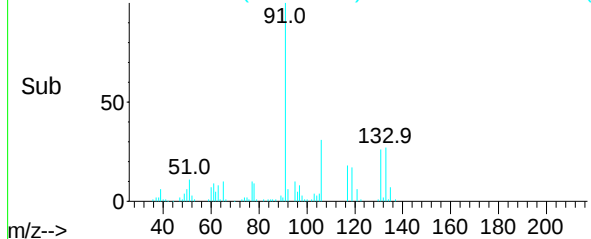
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Manual Integrations
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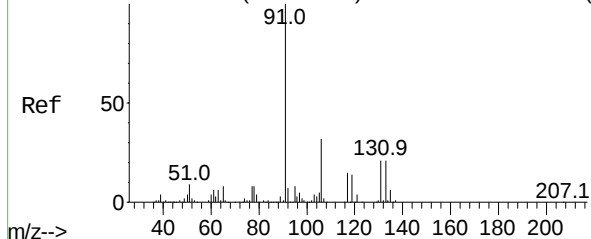
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12/16/2020 1:47:22 PM



Abundance Scan 3028 (11.476 min): VN065140.D\data.ms (-2873) (-)

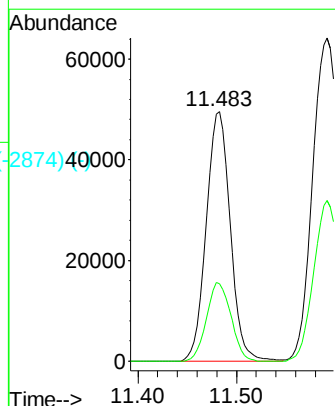
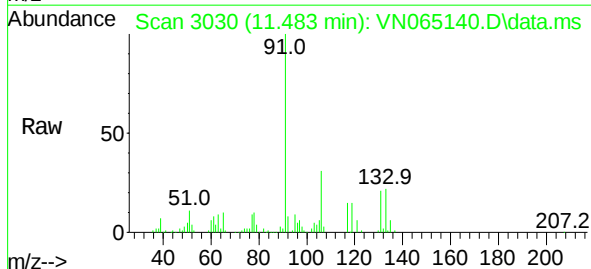


Abundance Scan 3030 (11.482 min): VN065141.D\data.ms (-3066) (-)

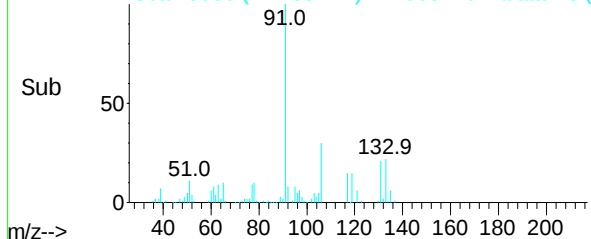


Ethyl Benzene
Concen: 4.14 ug/l
RT: 11.483 min Scan# 3030
Delta R.T. 0.000 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

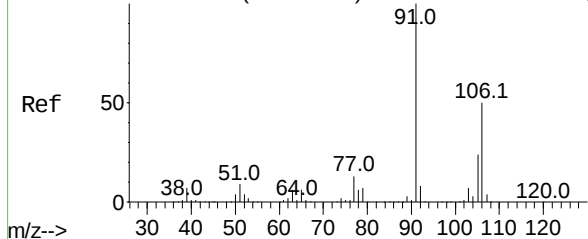
Tgt Ion: 91 Resp: 83734
Ion Ratio Lower Upper
91 100
106 31.0 23.9 35.9



Abundance Scan 3030 (11.483 min): VN065140.D\data.ms (-2874) (-)



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



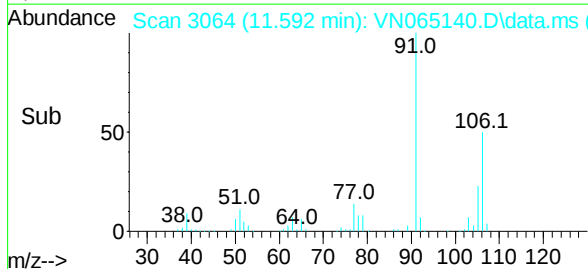
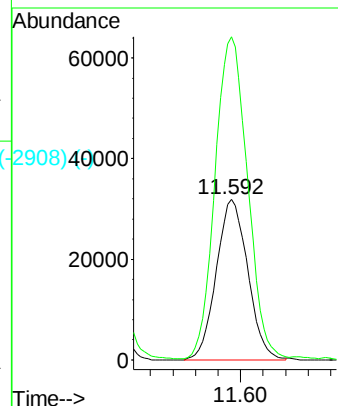
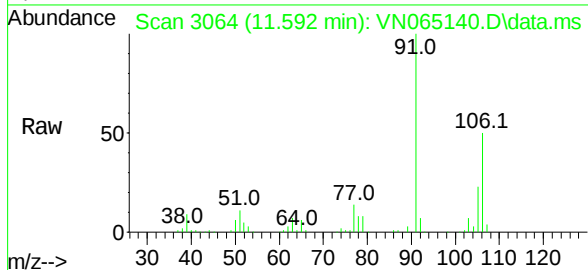
m/p-Xylenes
Concen: 8.26 ug/l
RT: 11.592 min Scan# 3064
Delta R.T. 0.000 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

Tgt Ion:106 Resp: 61959
Ion Ratio Lower Upper
106 100
91 208.0 168.8 253.2

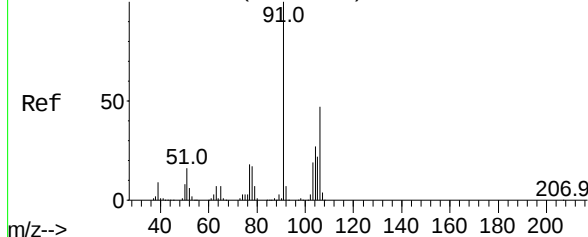
Instrument :
MSVOA_N
ClientSampleId :
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12/16/2020 1:47:22 PM

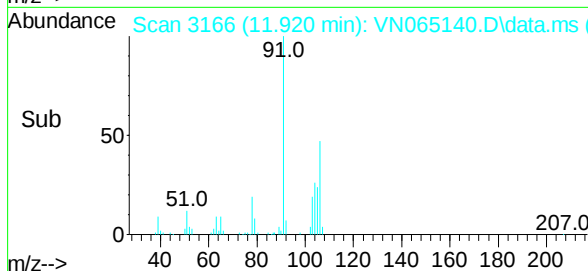
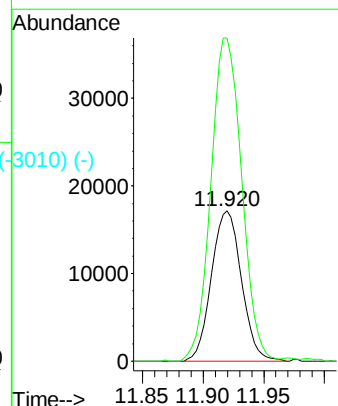
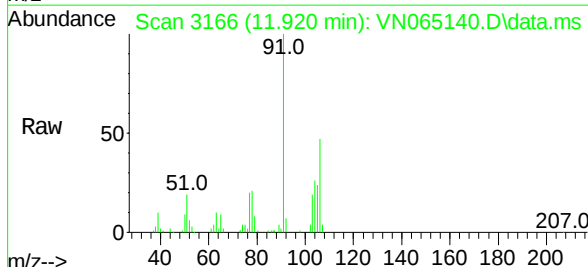


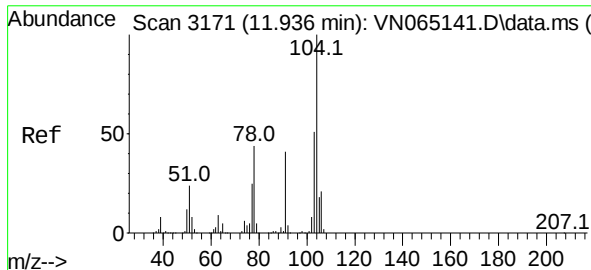
Abundance Scan 3166 (11.920 min): VN065141.D\data.ms (-3166) (-)



o-Xylene
Concen: 4.14 ug/l
RT: 11.920 min Scan# 3166
Delta R.T. 0.000 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

Tgt Ion:106 Resp: 29423
Ion Ratio Lower Upper
106 100
91 221.0 109.7 329.2





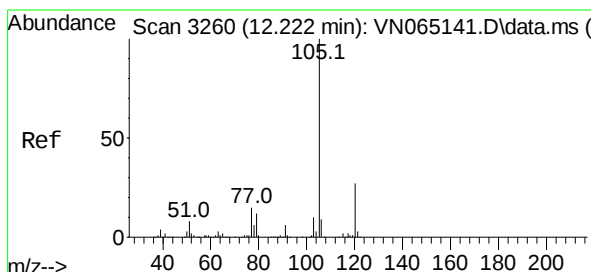
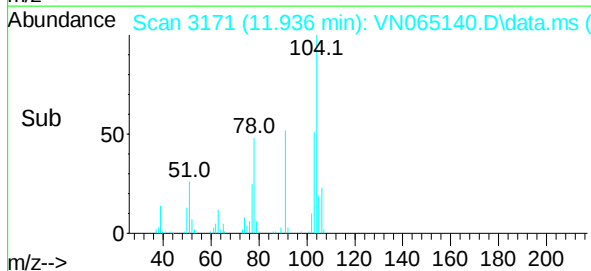
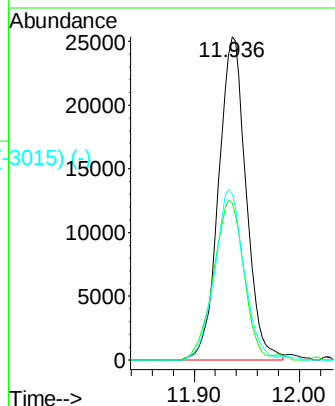
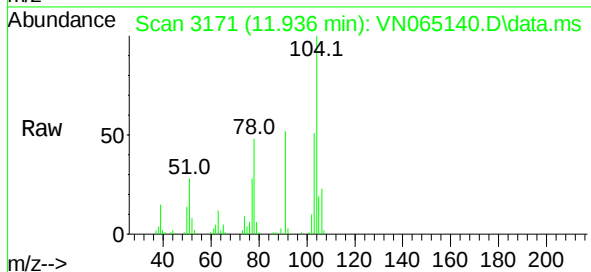
Styrene
Concen: 3.78 ug/l
RT: 11.936 min Scan# 3171
Delta R.T. 0.000 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:	104	Resp:	45867
Ion	Ratio	Lower	Upper
104	100		
78	54.4	44.4	66.6
103	57.0	44.6	67.0

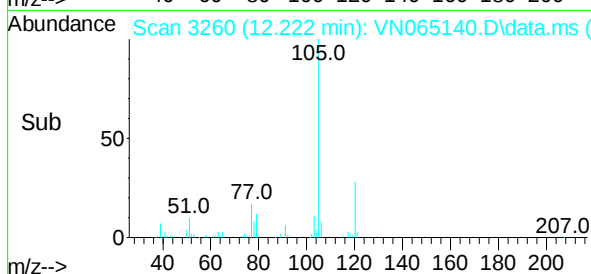
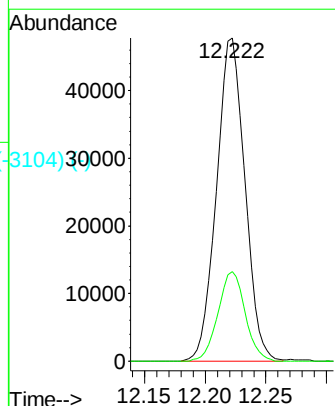
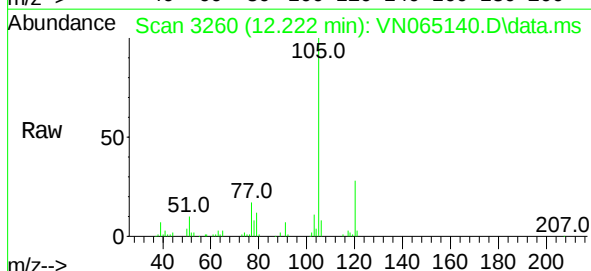
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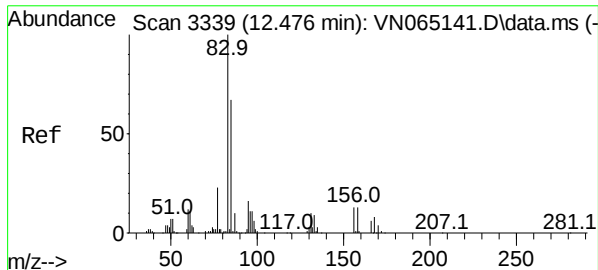
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12/16/2020 1:47:22 PM



Isopropylbenzene
Concen: 4.15 ug/l
RT: 12.222 min Scan# 3260
Delta R.T. 0.000 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

Tgt Ion:	105	Resp:	77296
Ion	Ratio	Lower	Upper
105	100		
120	26.5	17.9	33.3





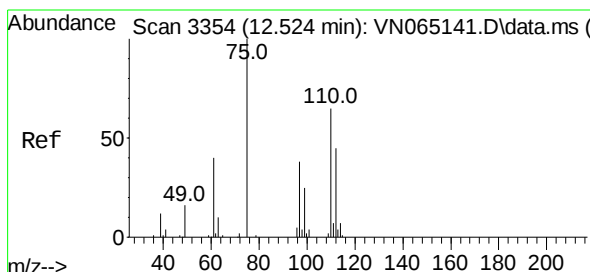
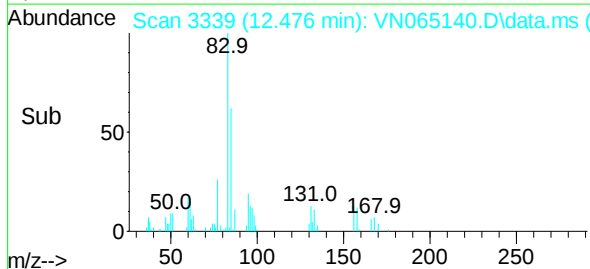
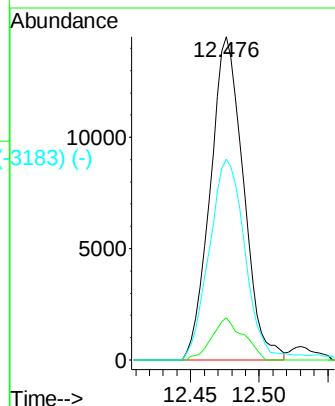
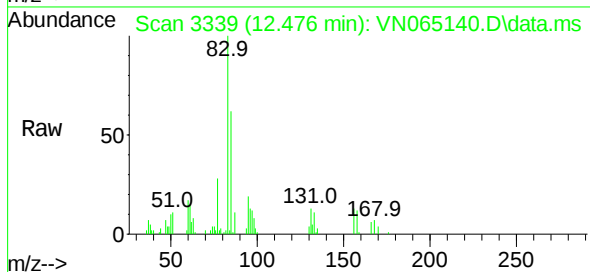
1,1,2,2-Tetrachloroethane
Concen: 4.15 ug/l
RT: 12.476 min Scan# 3339
Delta R.T. 0.000 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

Tgt Ion:	83	Resp:	24322
Ion	Ratio	Lower	Upper
83	100		
131	12.4	4.6	13.8
85	66.8	31.4	94.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

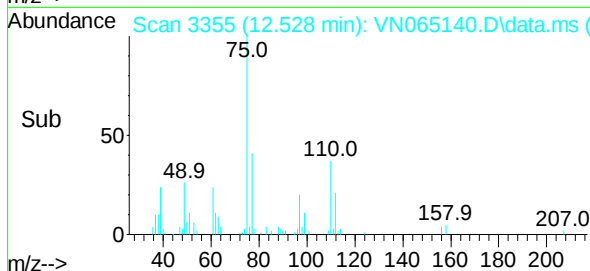
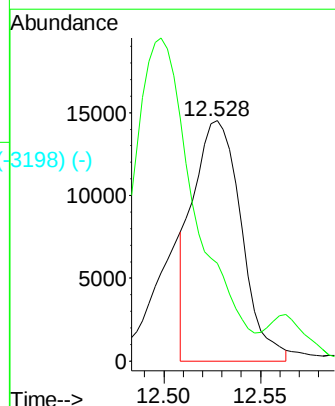
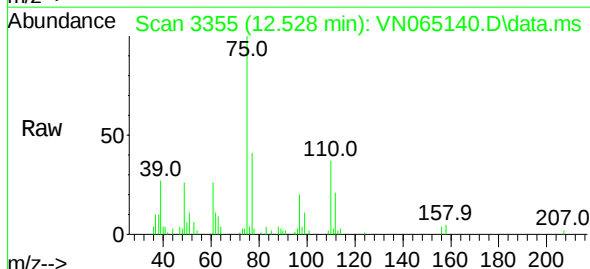
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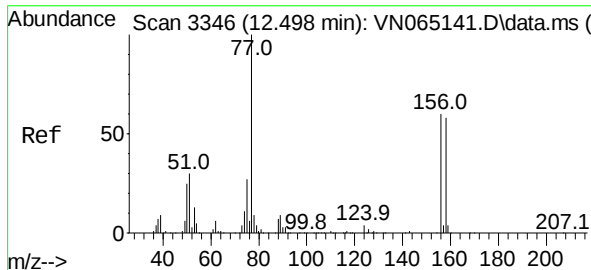
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12/16/2020 1:47:22 PM



1,2,3-Trichloropropane
Concen: 4.31 ug/l m
RT: 12.528 min Scan# 3355
Delta R.T. 0.003 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

Tgt Ion:	75	Resp:	25227
Ion	Ratio	Lower	Upper
75	100		
77	173.3	0.0	379.4





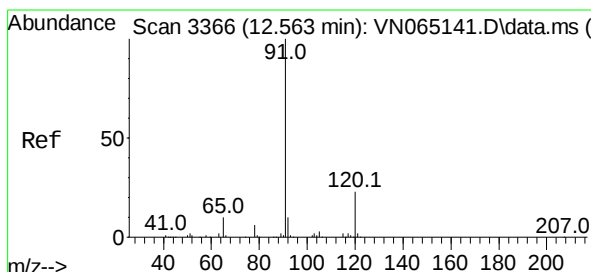
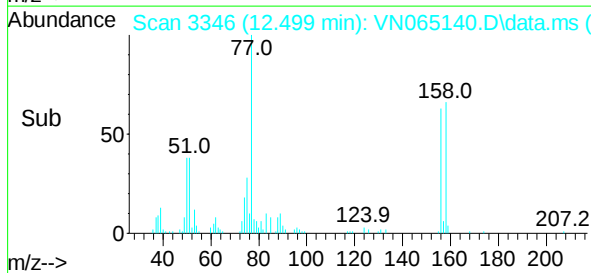
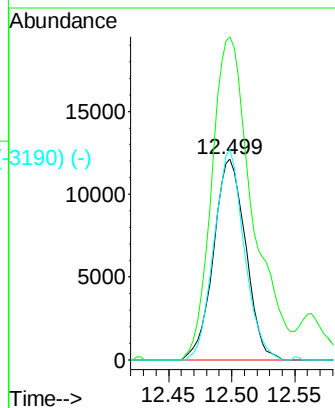
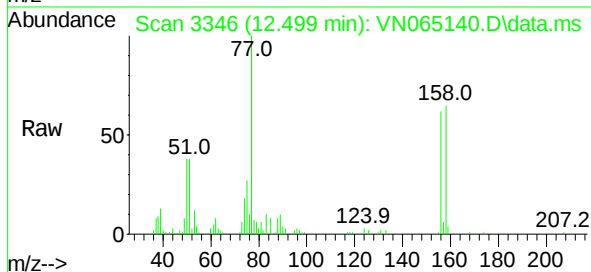
Bromobenzene
Concen: 4.61 ug/l
RT: 12.499 min Scan# 3346
Delta R.T. 0.000 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

Tgt Ion: 156 Resp: 21476
Ion Ratio Lower Upper
156 100
77 203.5 0.0 480.2
158 98.6 0.0 194.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

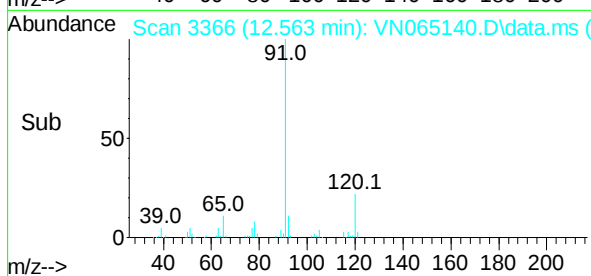
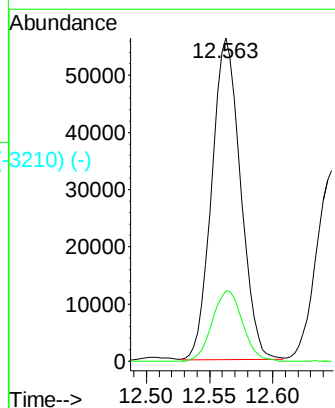
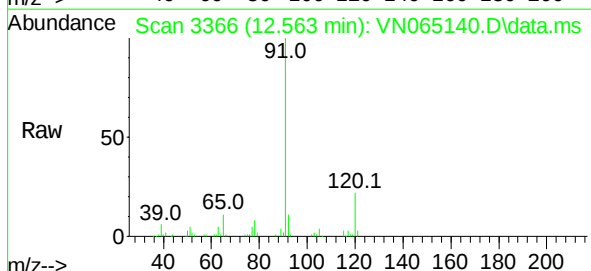
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12/16/2020 1:47:22 PM

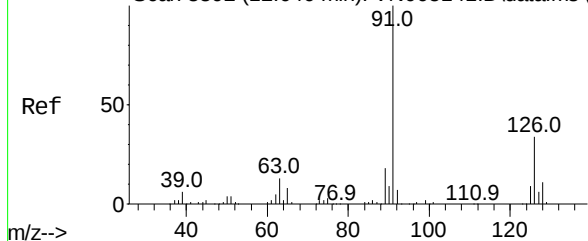


n-propylbenzene
Concen: 4.11 ug/l
RT: 12.563 min Scan# 3366
Delta R.T. 0.000 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

Tgt Ion: 91 Resp: 89426
Ion Ratio Lower Upper
91 100
120 22.9 0.0 42.8



Abundance Scan 3392 (12.646 min): VN065141.D\data.ms (-3392) (-)



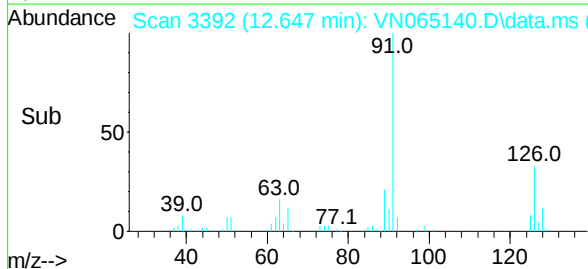
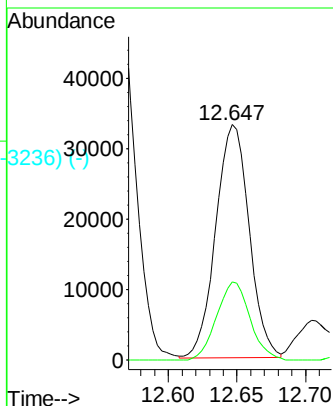
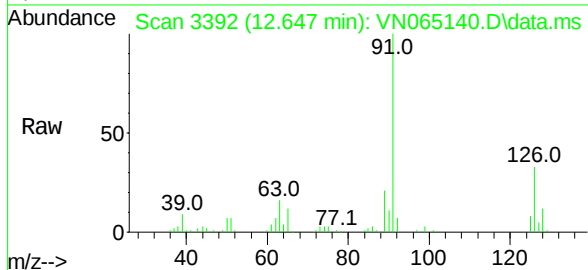
2-Chlorotoluene
Concen: 4.12 ug/l
RT: 12.647 min Scan# 3392
Delta R.T. 0.000 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

Tgt Ion: 91 Resp: 56025
Ion Ratio Lower Upper
91 100
126 33.2 0.0 61.8

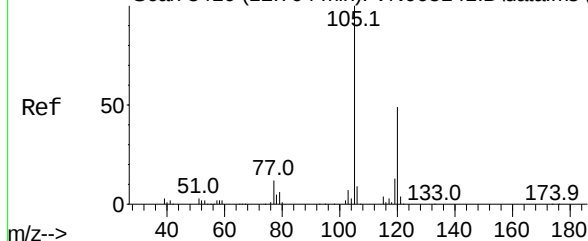
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

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12/16/2020 1:47:22 PM

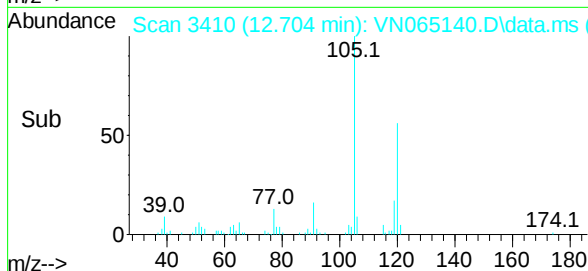
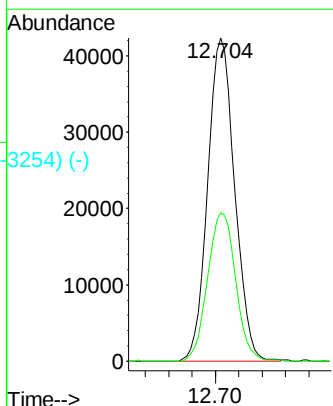
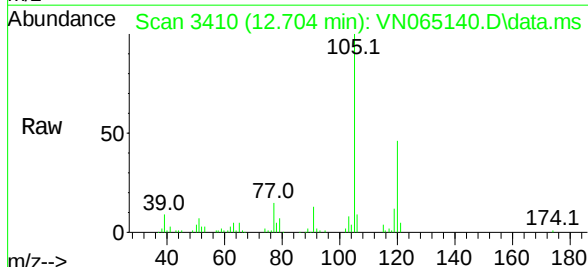


Abundance Scan 3410 (12.704 min): VN065141.D\data.ms (-3410) (-)



1,3,5-Trimethylbenzene
Concen: 4.29 ug/l
RT: 12.704 min Scan# 3410
Delta R.T. 0.000 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

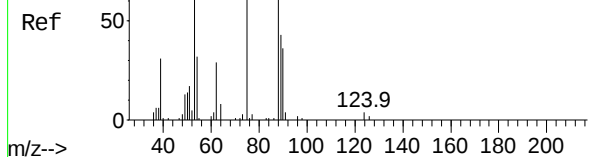
Tgt Ion: 105 Resp: 67614
Ion Ratio Lower Upper
105 100
120 47.8 0.0 90.4



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

t-1,4-Dichloro-2-butene
Concen: 3.26 ug/l
RT: 12.274 min Scan# 3276
Delta R.T. 0.000 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

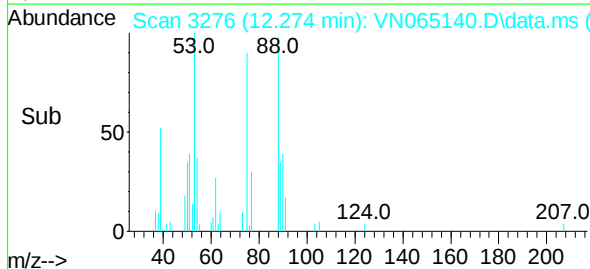
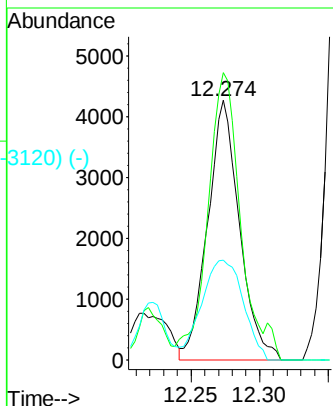
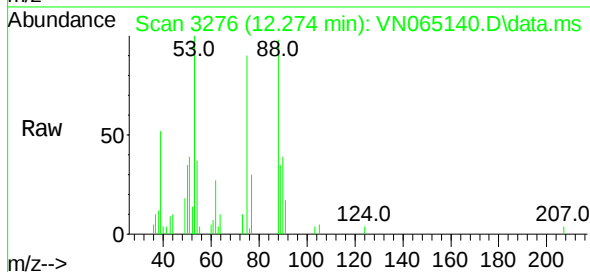
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:	75	Resp:	6874
Ion	Ratio	Lower	Upper
75	100		
53	110.7	50.3	150.9
89	38.3	23.3	69.8

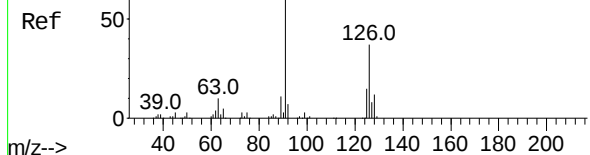
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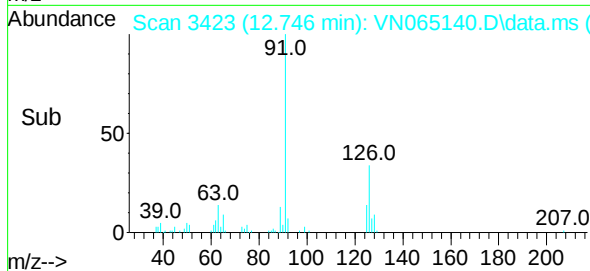
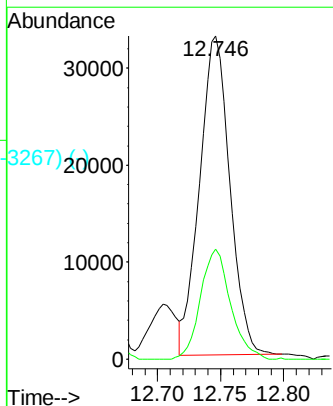
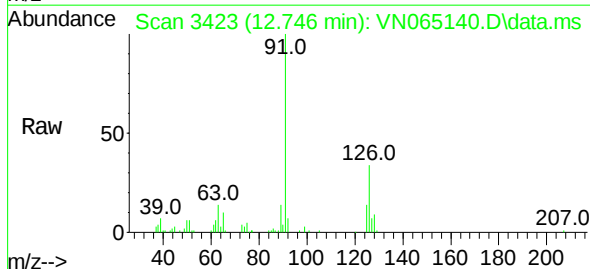


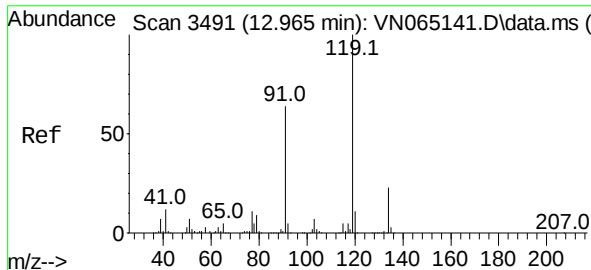
Abundance Scan 3423 (12.746 min): VN065141.D\data.ms (-3423) (-)

4-Chlorotoluene
Concen: 3.87 ug/l
RT: 12.746 min Scan# 3423
Delta R.T. 0.000 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22



Tgt Ion:	91	Resp:	54833
Ion	Ratio	Lower	Upper
91	100		
126	34.2	0.0	61.8





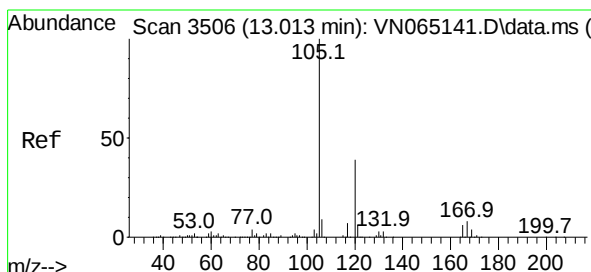
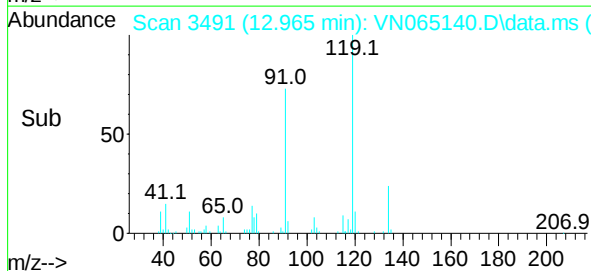
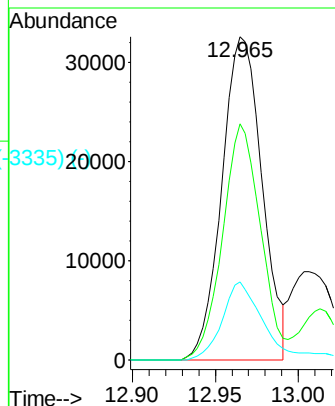
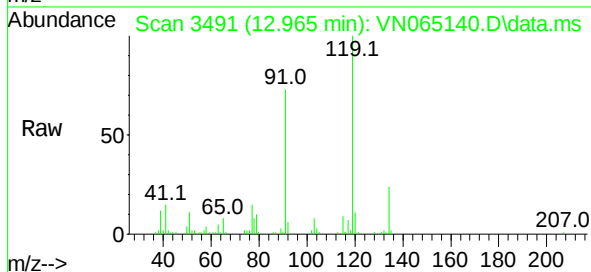
Scan 3491 (12.965 min): VN065141.D\data.ms (-3479) (-)
 tert-butylbenzene
 Concen: 4.36 ug/l
 RT: 12.965 min Scan# 3491
 Delta R.T. 0.000 min
 Lab File: VN065140.D
 Acq: 15 Dec 2020 13:22

Tgt Ion:	119	Resp:	54850
Ion	Ratio	Lower	Upper
119	100		
91	69.2	0.0	147.8
134	25.2	0.0	50.6

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

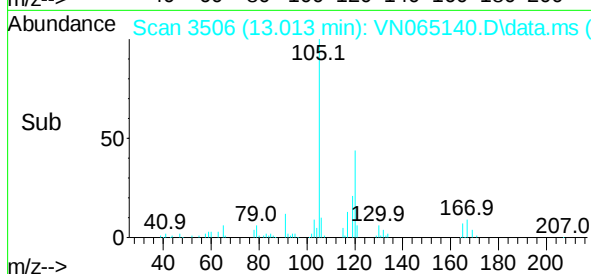
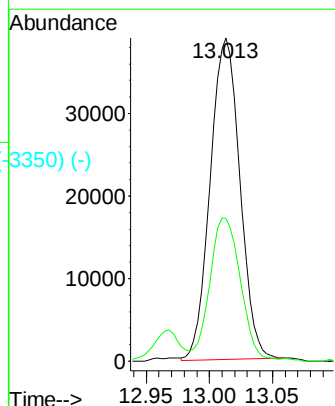
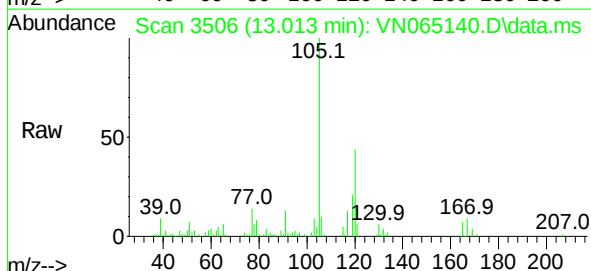
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 12/16/2020 1:47:22 PM

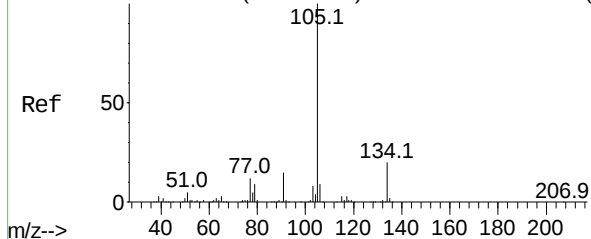


Scan 3506 (13.013 min): VN065141.D\data.ms (-3484) (-)
 1,2,4-Trimethylbenzene
 Concen: 4.02 ug/l
 RT: 13.013 min Scan# 3506
 Delta R.T. 0.000 min
 Lab File: VN065140.D
 Acq: 15 Dec 2020 13:22

Tgt Ion:	105	Resp:	63751
Ion	Ratio	Lower	Upper
105	100		
120	46.1	0.0	88.6



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



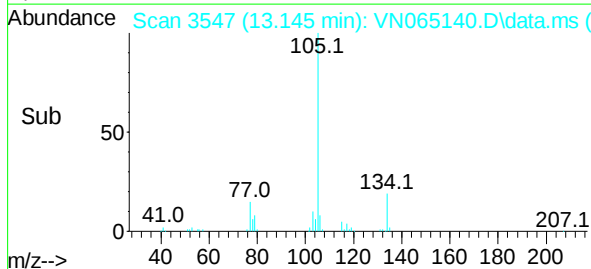
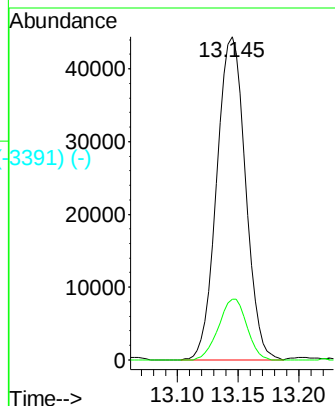
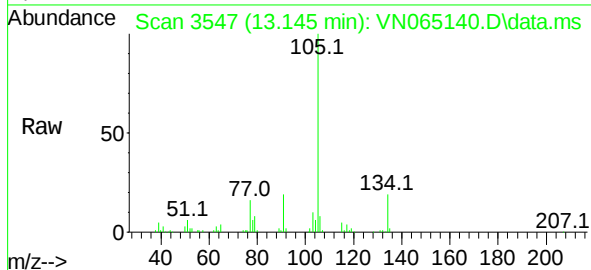
sec-Butylbenzene
Concen: 4.41 ug/l
RT: 13.145 min Scan# 3547
Delta R.T. 0.000 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

Tgt Ion:105 Resp: 72747
Ion Ratio Lower Upper
105 100
134 18.5 0.0 37.8

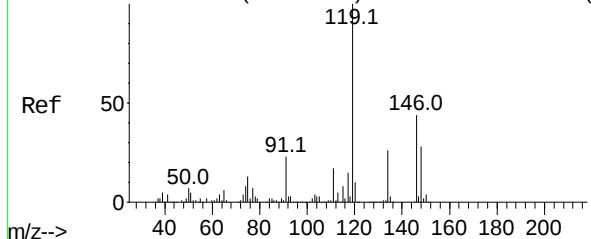
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

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12/16/2020 1:47:22 PM

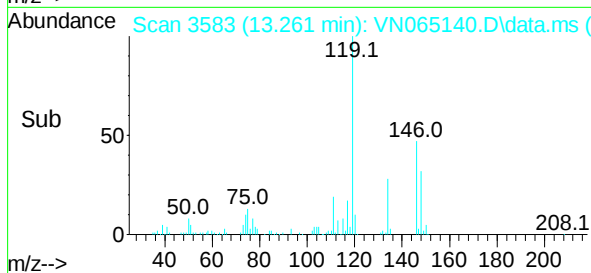
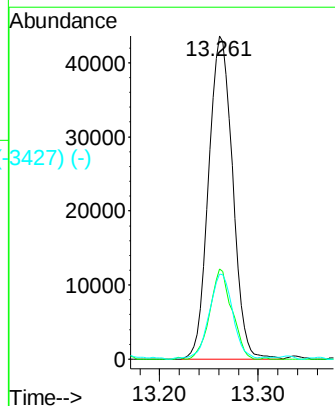
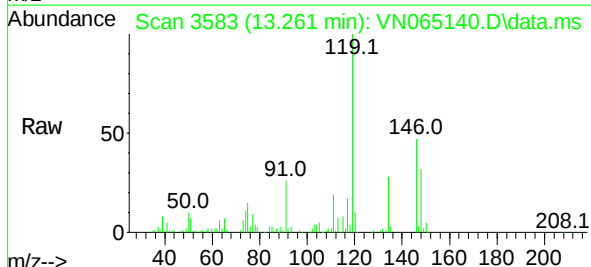


Abundance Scan 3583 (13.261 min): VN065141.D\data.ms (-3582) (-)



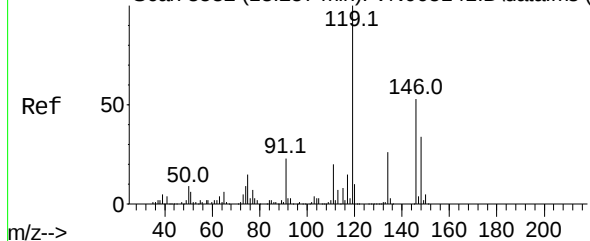
p-Isopropyltoluene
Concen: 5.01 ug/l
RT: 13.261 min Scan# 3583
Delta R.T. 0.000 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

Tgt Ion:119 Resp: 74084
Ion Ratio Lower Upper
119 100
134 25.5 0.0 53.0
91 25.9 0.0 53.2



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

1,3-Dichlorobenzene
Concen: 4.97 ug/l
RT: 13.257 min Scan# 3582
Delta R.T. 0.000 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

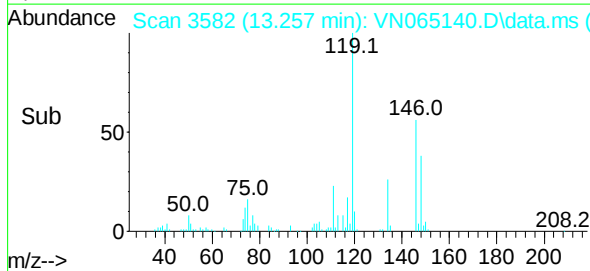
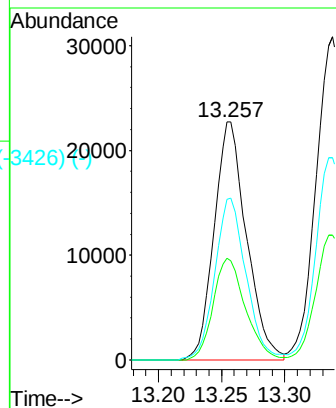
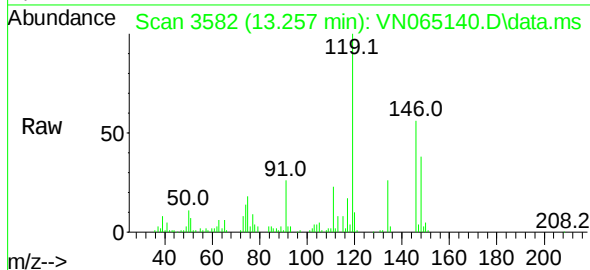


Tgt Ion:	146	Resp:	40505
Ion	Ratio	Lower	Upper
146	100		
111	42.5	22.3	66.9
148	65.6	31.8	95.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

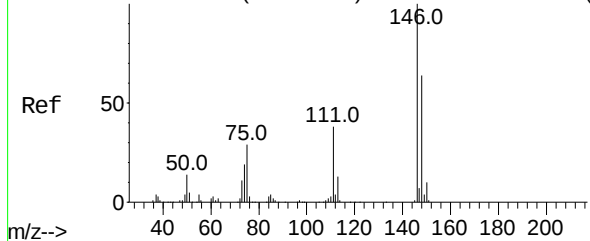
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12/16/2020 1:47:22 PM

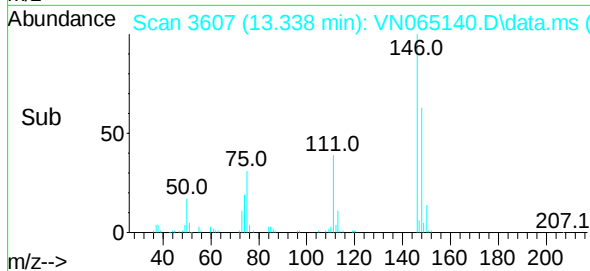
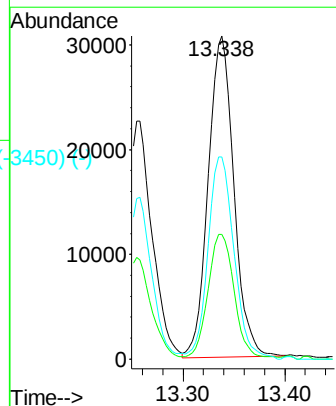
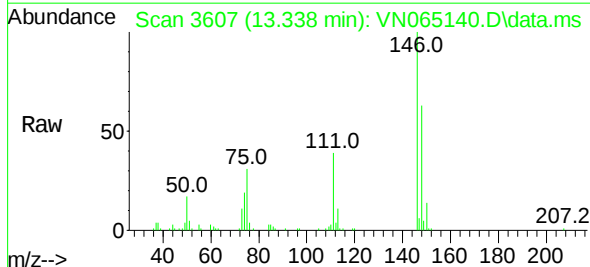


Abundance Scan 3606 (13.334 min): VN065141.D\data.ms (-3606) (-)

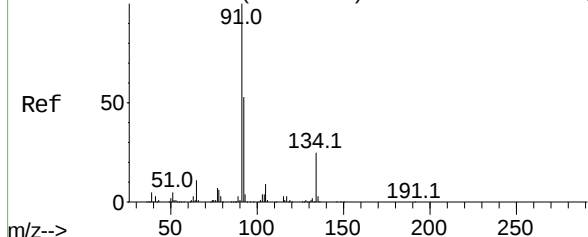
1,4-Dichlorobenzene
Concen: 6.63 ug/l
RT: 13.338 min Scan# 3607
Delta R.T. 0.003 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22



Tgt Ion:	146	Resp:	53562
Ion	Ratio	Lower	Upper
146	100		
111	40.1	21.8	65.4
148	64.0	31.5	94.5



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



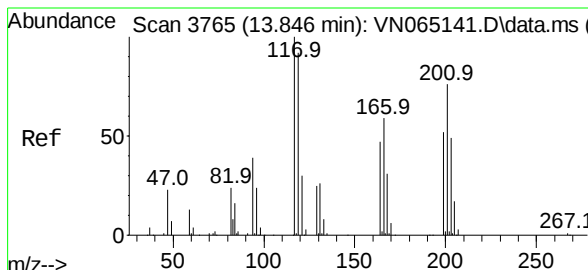
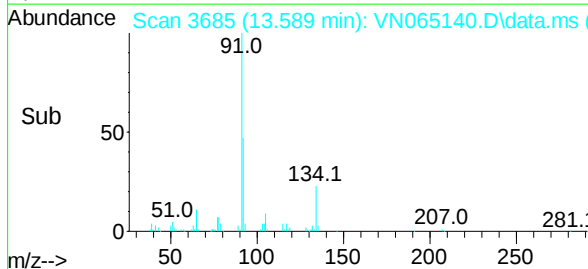
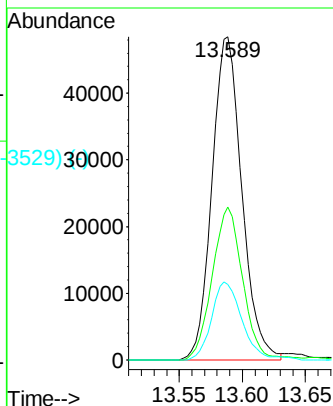
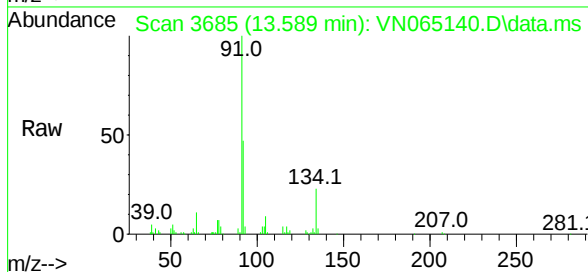
n-Butylbenzene
Concen: 6.23 ug/l
RT: 13.589 min Scan# 3685
Delta R.T. 0.000 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:	91	Resp:	79504
Ion	Ratio	Lower	Upper
91	100		
92	48.0	0.0	101.4
134	24.2	0.0	45.2

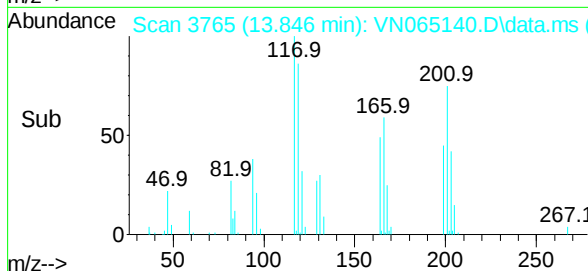
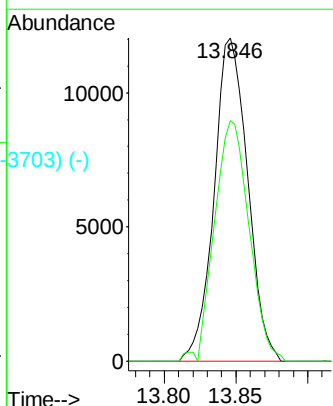
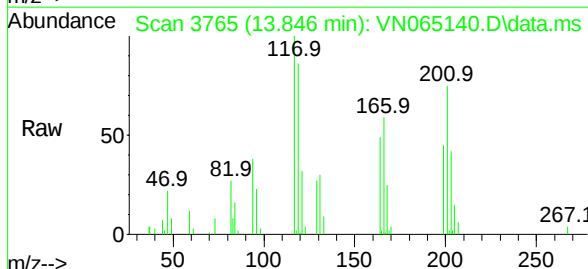
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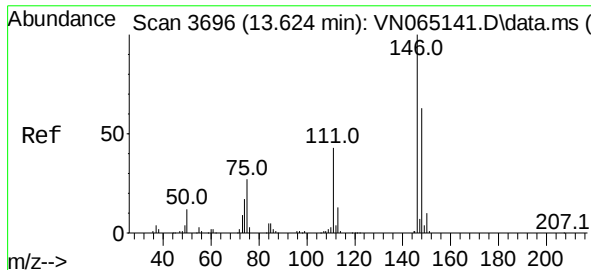
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12/16/2020 1:47:22 PM



Hexachloroethane
Concen: 6.77 ug/l
RT: 13.846 min Scan# 3765
Delta R.T. 0.000 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

Tgt Ion:	117	Resp:	19518
Ion	Ratio	Lower	Upper
117	100		
201	76.0	33.1	99.3





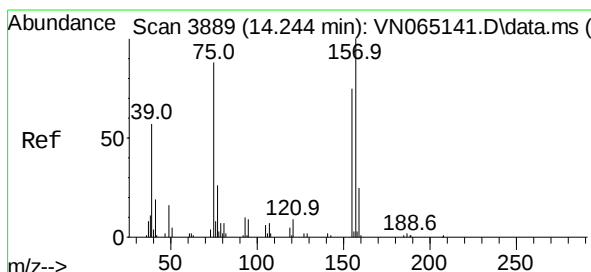
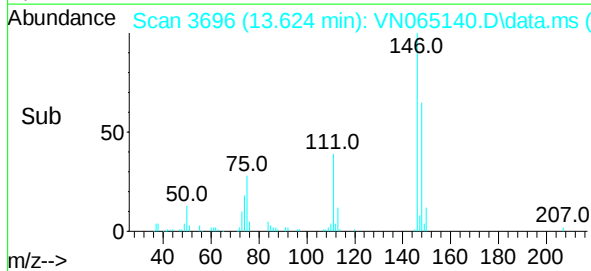
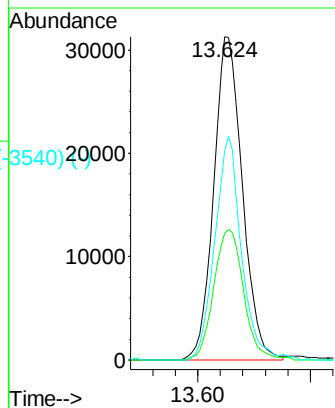
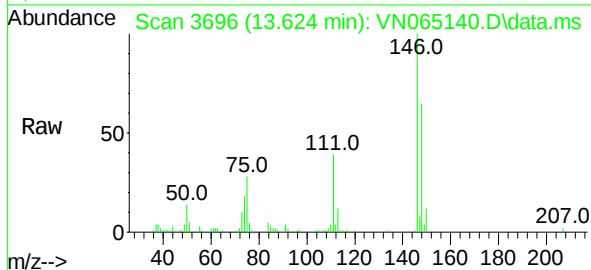
1,2-Dichlorobenzene
Concen: 6.92 ug/l
RT: 13.624 min Scan# 3696
Delta R.T. 0.000 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

Tgt Ion:	146	Resp:	55076
Ion	Ratio	Lower	Upper
146	100		
111	41.8	23.1	69.2
148	63.6	32.6	97.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

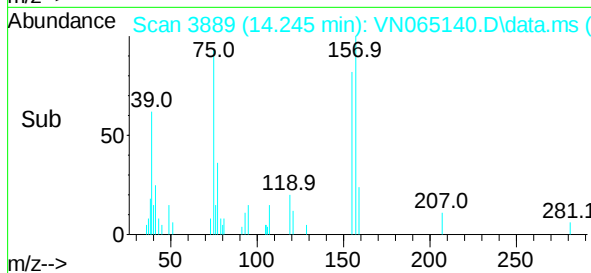
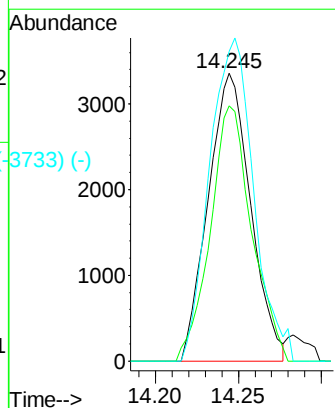
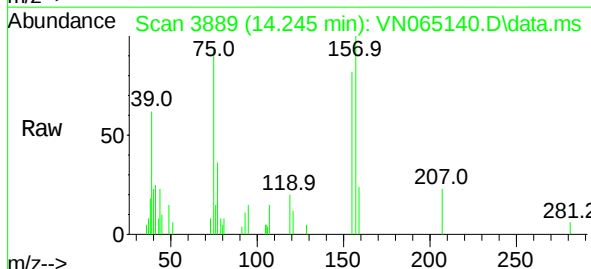
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12/16/2020 1:47:22 PM



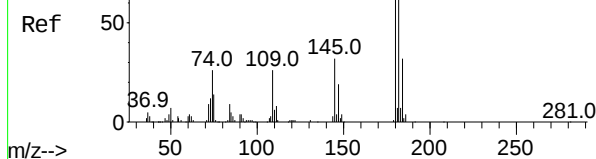
1,2-Dibromo-3-Chloropropane
Concen: 4.86 ug/l
RT: 14.245 min Scan# 3889
Delta R.T. 0.000 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

Tgt Ion:	75	Resp:	5954
Ion	Ratio	Lower	Upper
75	100		
155	86.7	56.5	84.7#
157	115.4	69.7	104.5#



Abundance Scan 4087 (14.881 min): VN065141.D\data.ms (-4079) (-)

1,2,4-Trichlorobenzene
Concen: 4.41 ug/l
RT: 14.881 min Scan# 4087
Delta R.T. 0.000 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

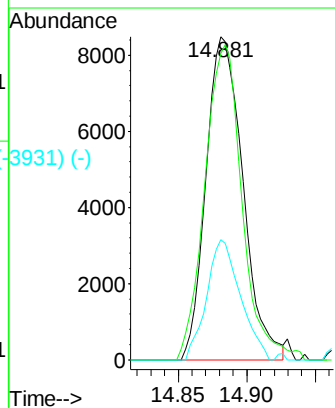
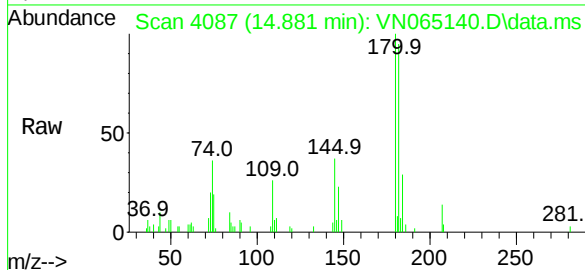


Tgt Ion:	180	Resp:	15848
Ion Ratio	Lower	Upper	
180	100		
182	97.7	79.4	119.0
145	34.0	27.6	41.4

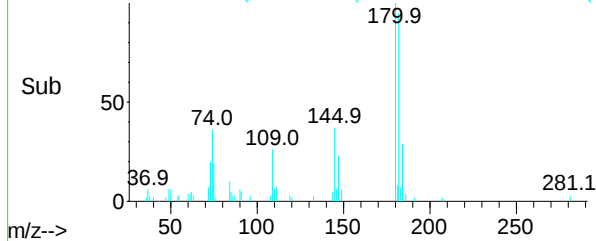
Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

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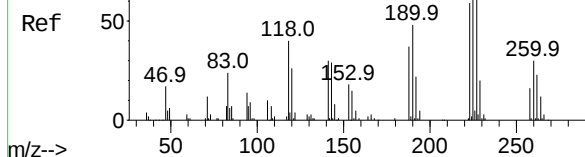


Abundance Scan 4087 (14.881 min): VN065140.D\data.ms (-3931) (-)

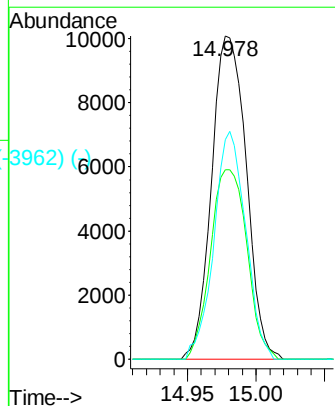
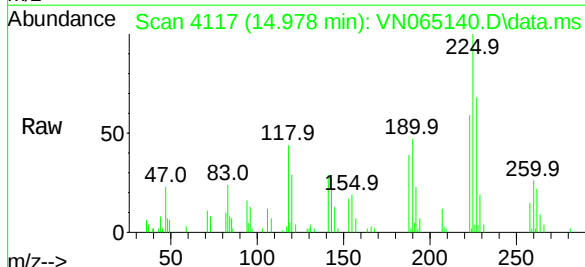


Abundance Scan 4118 (14.981 min): VN065141.D\data.ms (-4196) (-)

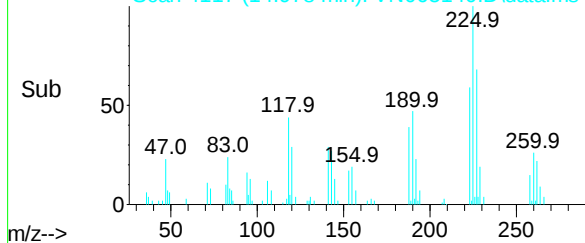
Hexachlorobutadiene
Concen: 9.50 ug/l
RT: 14.978 min Scan# 4117
Delta R.T. -0.003 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

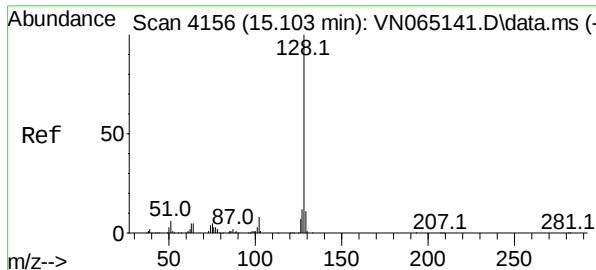


Tgt Ion:	225	Resp:	17687
Ion Ratio	Lower	Upper	
225	100		
223	61.7	0.0	125.4
227	64.4	0.0	122.0



Abundance Scan 4117 (14.978 min): VN065140.D\data.ms (-3962) (-)





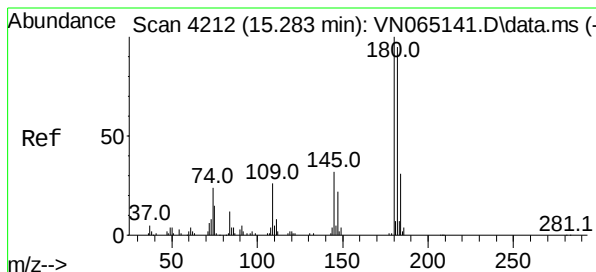
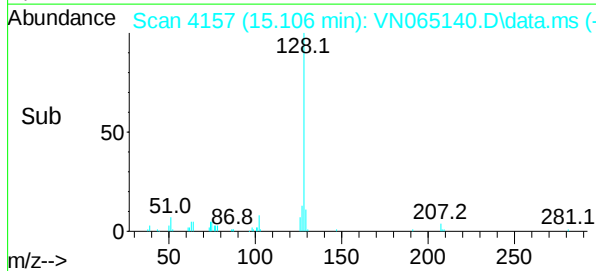
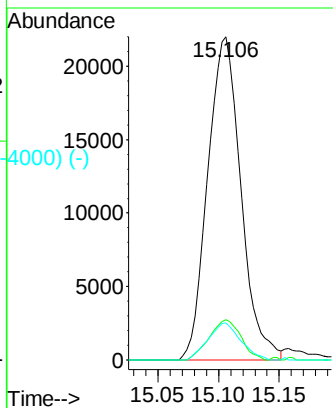
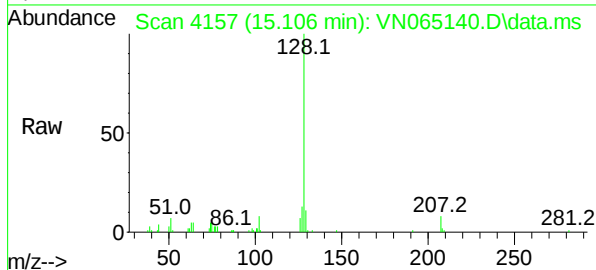
Scan 4156 (15.103 min): VN065141.D\data.ms (-4192) (-)
 Naphthalene
 Concen: 3.60 ug/l
 RT: 15.106 min Scan# 4157
 Delta R.T. 0.003 min
 Lab File: VN065140.D
 Acq: 15 Dec 2020 13:22

Tgt Ion:	128	Resp:	41832
Ion Ratio	Lower	Upper	
128	100		
127	11.8	10.2	15.4
129	11.2	8.5	12.7

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Manual Integrations
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Scan 4212 (15.283 min): VN065141.D\data.ms (-4192) (-)
 1,2,3-Trichlorobenzene
 Concen: 4.57 ug/l
 RT: 15.283 min Scan# 4212
 Delta R.T. 0.000 min
 Lab File: VN065140.D
 Acq: 15 Dec 2020 13:22

Tgt Ion:	180	Resp:	16346
Ion Ratio	Lower	Upper	
180	100		
182	92.6	0.0	186.0
145	31.0	0.0	69.6

