

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042221\
 Data File : VN066728.D
 Acq On : 22 Apr 2021 20:33
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
 APPROVED

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 4/23/2021 1:16:03 PM

Quant Time: Apr 23 06:31:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042021W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Apr 21 16:55:39 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.111	128	48593	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.519	114	263194	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.348	117	239039	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.953	65	103606	29.59	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	98.63%		
60) 4-Bromofluorobenzene	12.346	95	109489	29.22	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	97.40%		
63) Toluene-d8	10.029	98	338548	30.78	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	102.60%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.835	85	43727	18.27	ug/l	99
3) Chloromethane	2.037	50	70430	18.92	ug/l	99
4) Vinyl Chloride	2.163	62	67608	19.06	ug/l	99
5) Bromomethane	2.522	94	43754	20.98	ug/l	97
6) Chloroethane	2.661	64	41354	19.10	ug/l	97
7) Trichlorofluoromethane	2.973	101	76729	19.42	ug/l	99
8) Diethyl Ether	3.356	74	33871	19.31	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.699	101	47766	19.06	ug/l	97
10) 1,1-Dichloroethene	3.678	96	48494	19.20	ug/l	89
11) Methyl Iodide	3.887	142	61444	16.07	ug/l	98
12) Methyl Acetate	4.255	43	66863	19.42	ug/l	100
13) Acrolein	3.549	56	45355	93.15	ug/l	92
14) Acrylonitrile	4.896	53	147058	97.20	ug/l	100
15) Acetone	3.753	58	36943	93.03	ug/l	81
16) Carbon Disulfide	3.986	76	143829	18.47	ug/l	100
17) Allyl chloride	4.249	41	94588	18.89	ug/l	89
18) Methylene Chloride	4.474	84	62124	19.22	ug/l	99
19) trans-1,2-Dichloroethene	4.955	96	54337	19.00	ug/l	97
20) Diisopropyl ether	5.864	45	201252	19.11	ug/l	98
21) 1,1-Dichloroethane	5.759	63	107362	18.97	ug/l	99
22) cis-1,2-Dichloroethene	6.741	96	63617	19.18	ug/l	98
23) tert-Butyl Alcohol	4.705	59	48311	93.81	ug/l #	100
24) Methyl tert-Butyl Ether	4.957	73	170512	19.36	ug/l #	73
25) Chloroform	7.293	83	103450	19.08	ug/l	96
26) Cyclohexane	7.578	56	89290	18.34	ug/l #	97
29) 1,1-Dichloropropene	7.717	75	73894	17.83	ug/l	98
30) 2-Butanone	6.749	43	179761	89.85	ug/l	99
31) 2,2-Dichloropropane	6.733	77	81282	17.02	ug/l	98
32) 1,1,1-Trichloroethane	7.494	97	85527	18.28	ug/l	98
33) Carbon Tetrachloride	7.698	117	72553	18.36	ug/l	95
34) Benzene	7.969	78	245774	18.40	ug/l	97
35) Methacrylonitrile	7.087	41	37525	19.48	ug/l	97
36) 1,2-Dichloroethane	8.052	62	77936	17.77	ug/l	97
37) Trichloroethene	8.768	130	58827	18.53	ug/l	98
38) Methylcyclohexane	9.018	83	84971	17.20	ug/l	96
39) 1,2-Dichloropropane	9.053	63	67199	18.43	ug/l	99
40) Dibromomethane	9.144	93	40402	18.48	ug/l	99
41) Bromodichloromethane	9.337	83	82344	17.94	ug/l	96
42) Vinyl Acetate	5.807	43	811108	90.45	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	6.843	43	71834	16.33	ug/l #	84
44) Isopropyl Acetate	8.095	43	131673	17.94	ug/l	93
45) 1,4-Dioxane	9.136	88	17925	335.69	ug/l	98
46) Methyl methacrylate	9.138	41	58148	17.34	ug/l	89
47) n-amyl Acetate	12.032	43	20387	5.03	ug/l	95
48) t-1,3-Dichloropropene	10.324	75	87640	17.48	ug/l	97
49) cis-1,3-Dichloropropene	9.777	75	100696	18.17	ug/l #	88
50) 1,1,2-Trichloroethane	10.504	97	60309	18.76	ug/l	98
51) Ethyl methacrylate	10.372	69	80329	17.70	ug/l	90
52) 1,3-Dichloropropane	10.646	76	100306	18.33	ug/l	98
53) Dibromochloromethane	10.841	129	63210	18.19	ug/l	99
54) 1,2-Dibromoethane	10.946	107	59556	18.48	ug/l	100
55) 2-Chloroethyl vinyl ether	9.632	63	102407	147.52	ug/l	99
56) Bromoform	12.073	173	44214	17.64	ug/l #	98
58) 4-Methyl-2-Pentanone	9.922	43	389949	95.78	ug/l	98
59) 2-Hexanone	10.694	43	241146	92.14	ug/l	98
61) Tetrachloroethene	10.571	164	50514	19.14	ug/l	98
62) Toluene	10.093	91	257166	18.95	ug/l	99
64) Chlorobenzene	11.375	112	154034	18.98	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.450	131	59156	19.42	ug/l	99
66) Ethyl Benzene	11.453	91	266721	18.40	ug/l	98
67) m/p-Xylenes	11.563	106	202836	37.27	ug/l	98
68) o-Xylene	11.890	106	97991	18.57	ug/l	99
69) Styrene	11.909	104	152086	17.92	ug/l	98
70) Isopropylbenzene	12.193	105	256245	18.59	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.448	83	92795	20.38	ug/l	97
72) 1,2,3-Trichloropropane	12.499	75	75636m	19.09	ug/l	
73) Bromobenzene	12.469	156	67770	19.43	ug/l	96
74) n-propylbenzene	12.534	91	287639	17.97	ug/l	99
75) 2-Chlorotoluene	12.617	91	182094	19.01	ug/l	99
76) 1,3,5-Trimethylbenzene	12.679	105	218897	18.77	ug/l	100
77) t-1,4-Dichloro-2-butene	12.250	75	18610	14.87	ug/l	90
78) 4-Chlorotoluene	12.719	91	173658	18.49	ug/l	98
79) tert-butylbenzene	12.936	119	183394	18.79	ug/l	99
80) 1,2,4-Trimethylbenzene	12.984	105	210994	18.87	ug/l	100
81) sec-Butylbenzene	13.116	105	241402	18.58	ug/l	100
82) p-Isopropyltoluene	13.234	119	206063	18.54	ug/l	98
83) 1,3-Dichlorobenzene	13.228	146	108808	18.79	ug/l	100
84) 1,4-Dichlorobenzene	13.312	146	105091	18.80	ug/l	98
85) n-Butylbenzene	13.561	91	169650	18.36	ug/l	98
86) Hexachloroethane	13.816	117	43070	18.41	ug/l	97
87) 1,2-Dichlorobenzene	13.599	146	112542	19.79	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.221	75	14594	18.66	ug/l	99
89) 1,2,4-Trichlorobenzene	14.854	180	69688	21.20	ug/l	99
90) Hexachlorobutadiene	14.948	225	34452	18.71	ug/l	99
91) Naphthalene	15.074	128	191045	24.17	ug/l	100
92) 1,2,3-Trichlorobenzene	15.251	180	69468	22.35	ug/l	98

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

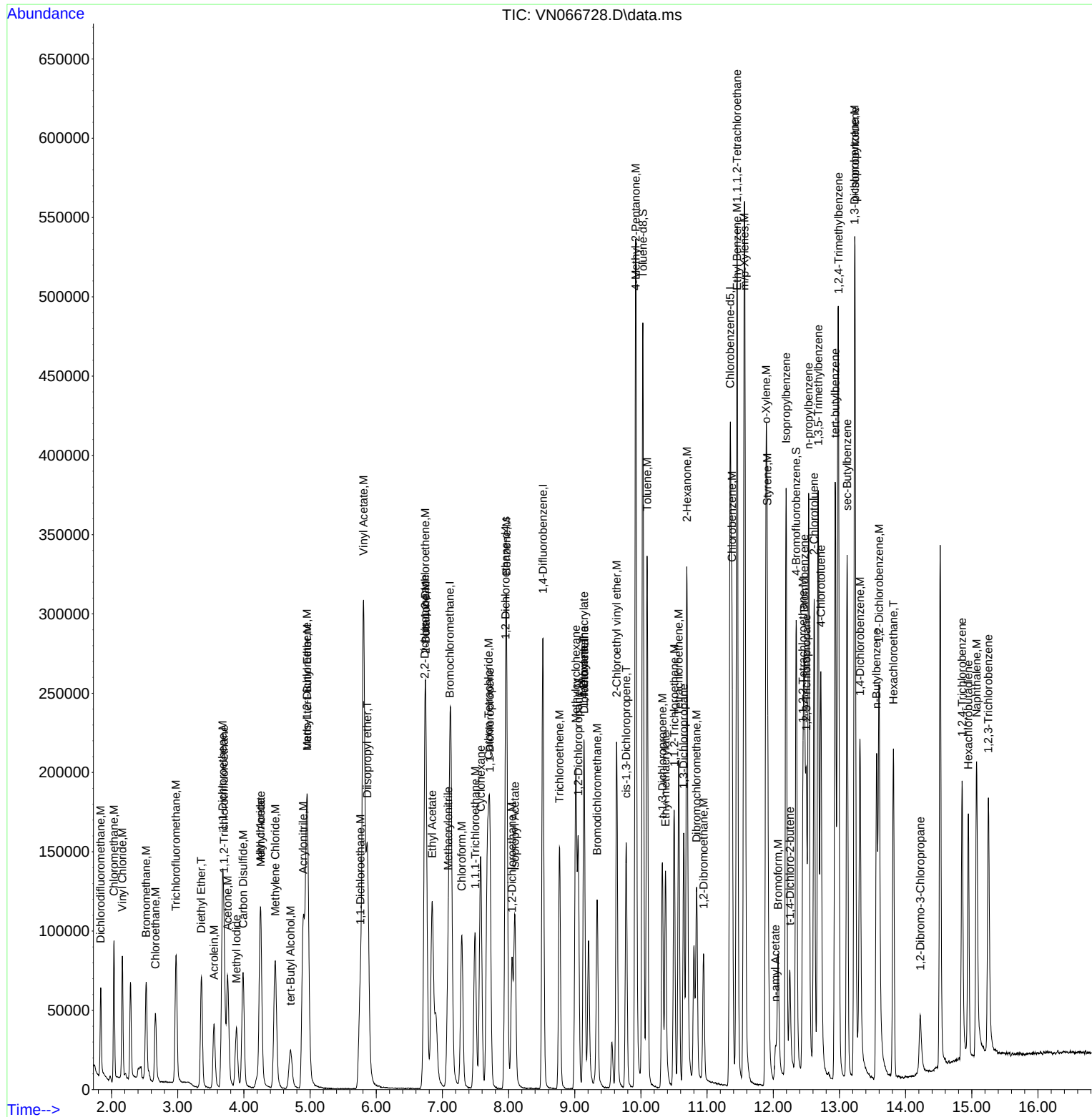
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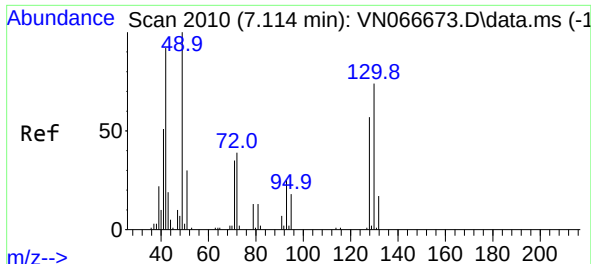
Instrument :
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ClientSampleId :
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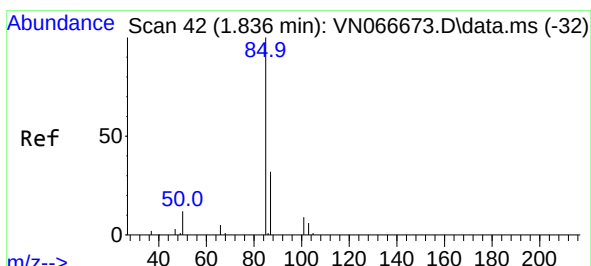
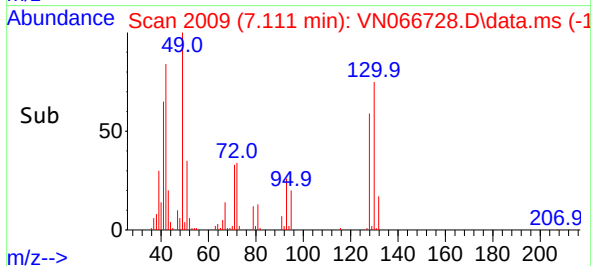
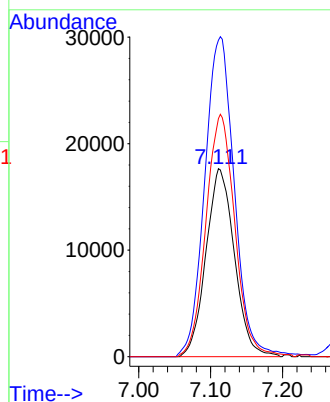
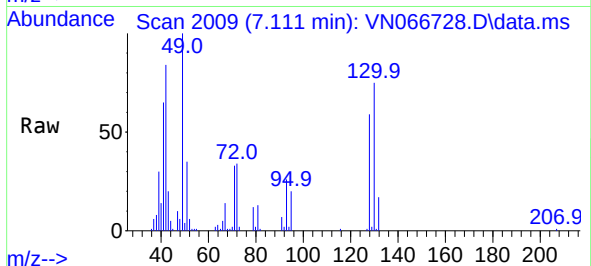
#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.111 min Scan# 2009
Delta R.T. -0.003 min
Lab File: VN066728.D
Acq: 22 Apr 2021 20:33

Tgt Ion:	128	Resp:	48593
Ion	Ratio	Lower	Upper
128	100		
49	175.3	0.0	429.3
130	131.4	0.0	328.5

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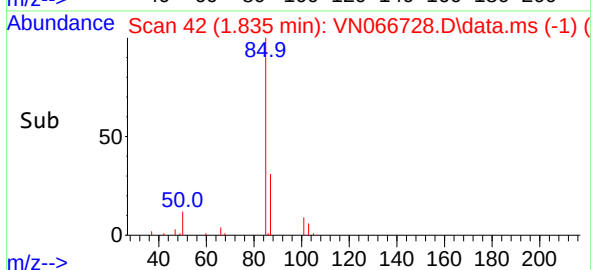
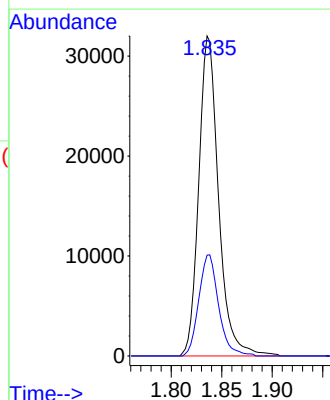
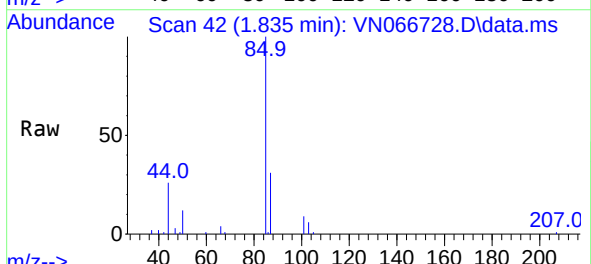
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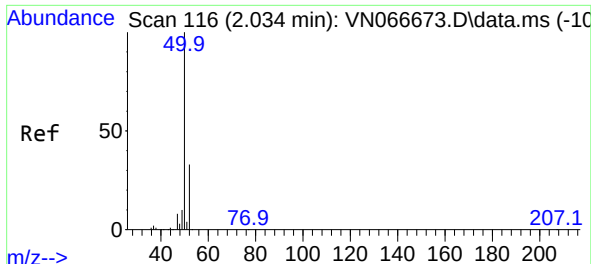
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#2
Dichlorodifluoromethane
Concen: 18.27 ug/l
RT: 1.835 min Scan# 42
Delta R.T. -0.001 min
Lab File: VN066728.D
Acq: 22 Apr 2021 20:33

Tgt Ion:	85	Resp:	43727
Ion	Ratio	Lower	Upper
85	100		
87	31.5	15.4	46.4





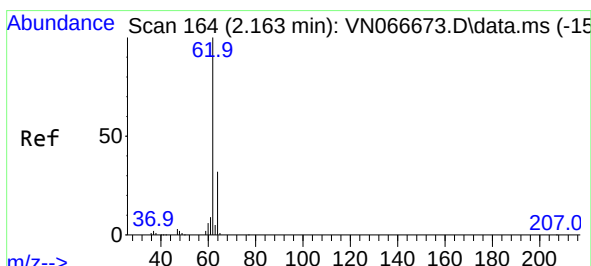
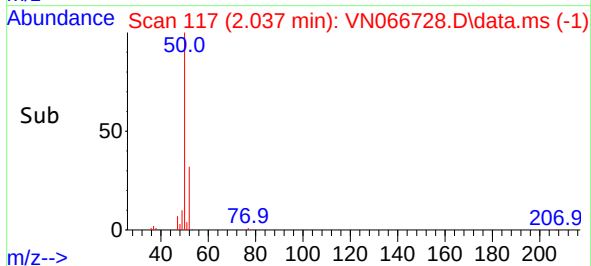
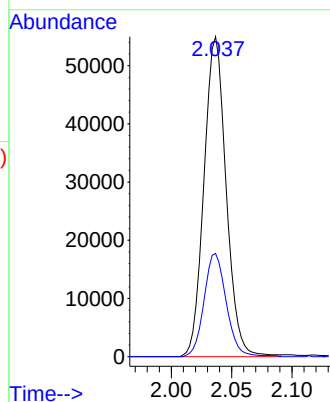
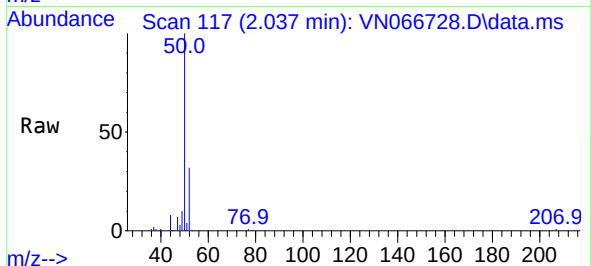
#3
Chloromethane
Concen: 18.92 ug/l
RT: 2.037 min Scan# 117
Delta R.T. 0.003 min
Lab File: VN066728.D
Acq: 22 Apr 2021 20:33

Tgt Ion: 50 Resp: 70430
Ion Ratio Lower Upper
50 100
52 32.2 26.2 39.4

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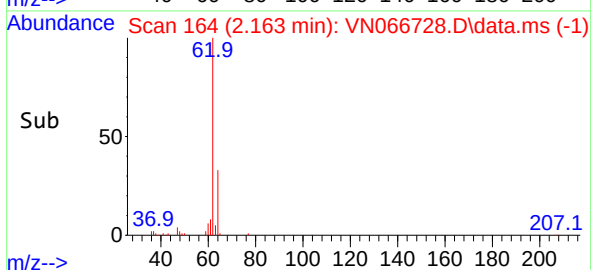
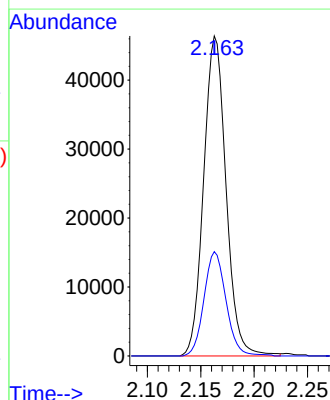
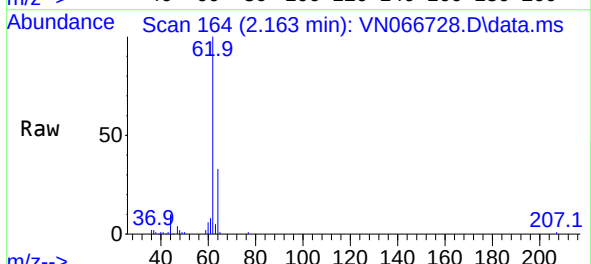
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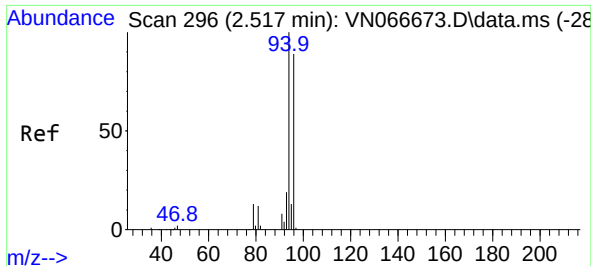
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#4
Vinyl Chloride
Concen: 19.06 ug/l
RT: 2.163 min Scan# 164
Delta R.T. -0.000 min
Lab File: VN066728.D
Acq: 22 Apr 2021 20:33

Tgt Ion: 62 Resp: 67608
Ion Ratio Lower Upper
62 100
64 32.6 25.8 38.6





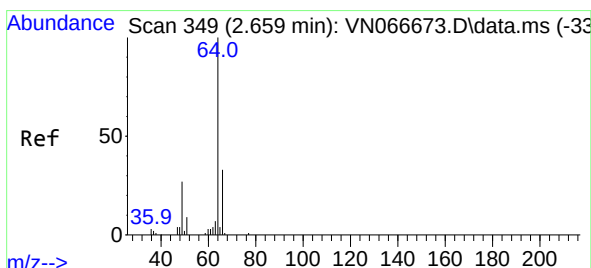
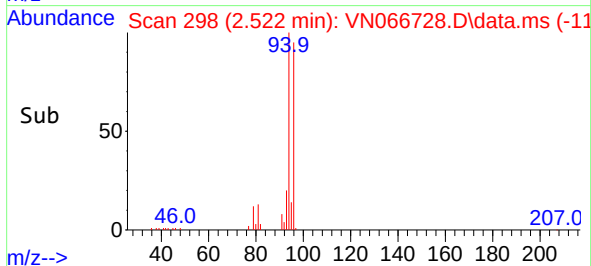
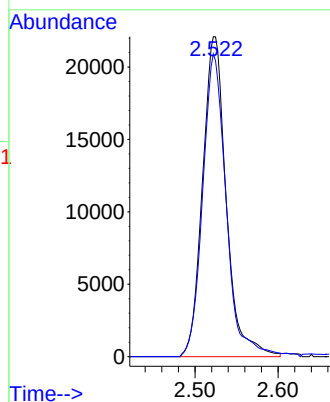
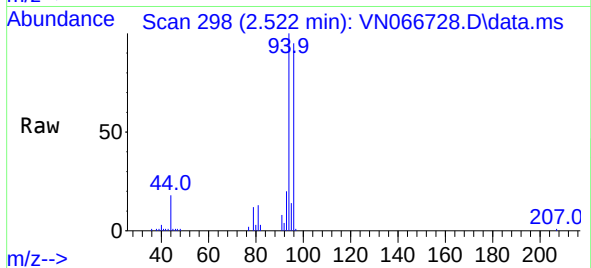
#5
Bromomethane
Concen: 20.98 ug/l
RT: 2.522 min Scan# 298
Delta R.T. 0.005 min
Lab File: VN066728.D
Acq: 22 Apr 2021 20:33

Tgt Ion: 94 Resp: 43754
Ion Ratio Lower Upper
94 100
96 94.6 77.8 116.8

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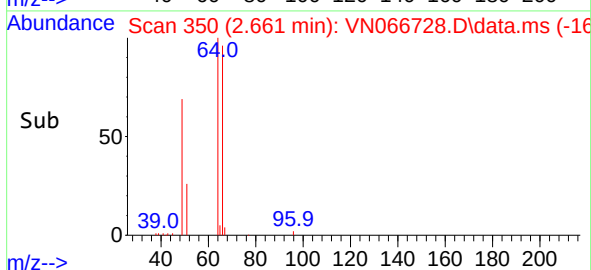
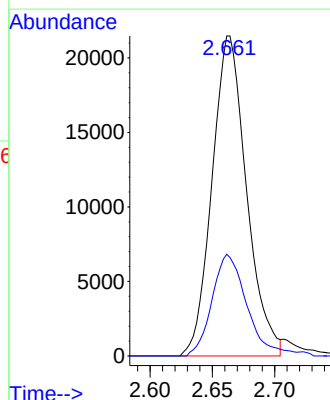
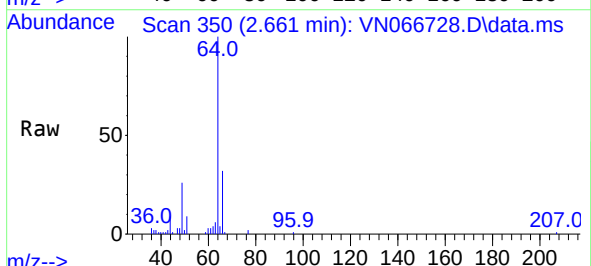
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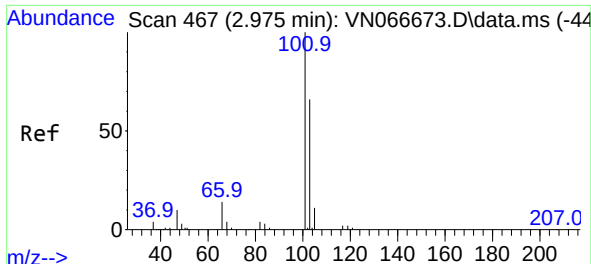
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#6
Chloroethane
Concen: 19.10 ug/l
RT: 2.661 min Scan# 350
Delta R.T. 0.002 min
Lab File: VN066728.D
Acq: 22 Apr 2021 20:33

Tgt Ion: 64 Resp: 41354
Ion Ratio Lower Upper
64 100
66 31.7 24.2 36.4





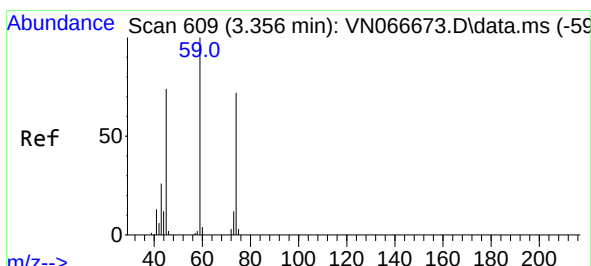
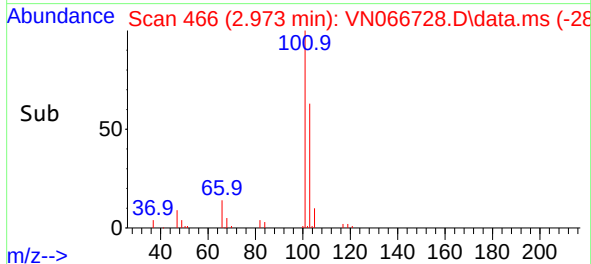
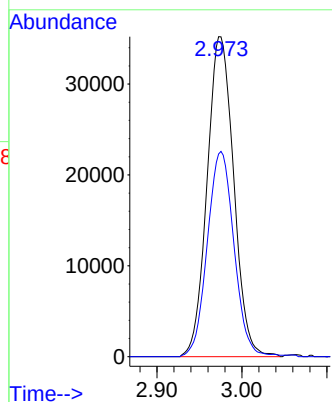
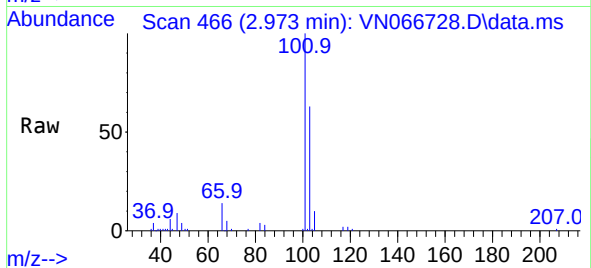
#7
Trichlorofluoromethane
Concen: 19.42 ug/l
RT: 2.973 min Scan# 466
Delta R.T. -0.002 min
Lab File: VN066728.D
Acq: 22 Apr 2021 20:33

Tgt Ion:101 Resp: 76729
Ion Ratio Lower Upper
101 100
103 63.4 51.6 77.4

Instrument :
MSVOA_N
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VSTDCCC020EC

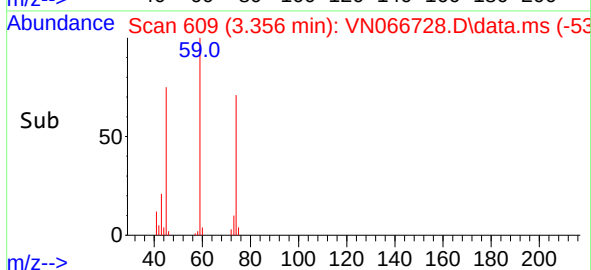
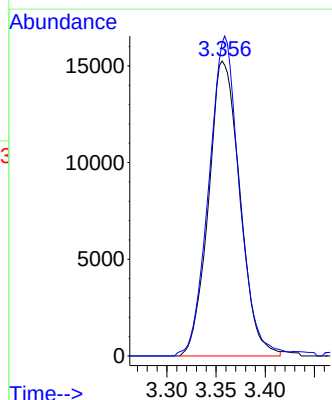
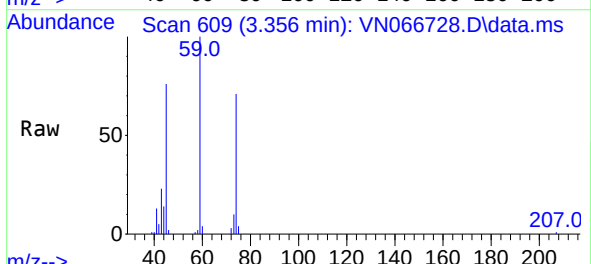
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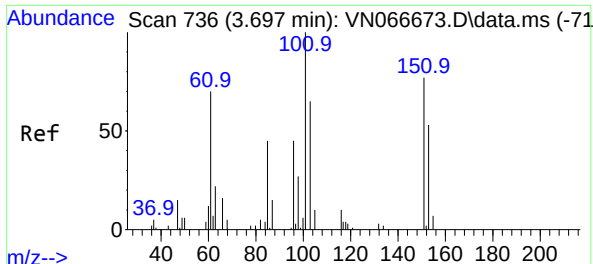
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#8
Diethyl Ether
Concen: 19.31 ug/l
RT: 3.356 min Scan# 609
Delta R.T. 0.000 min
Lab File: VN066728.D
Acq: 22 Apr 2021 20:33

Tgt Ion: 74 Resp: 33871
Ion Ratio Lower Upper
74 100
45 105.9 19.6 176.4





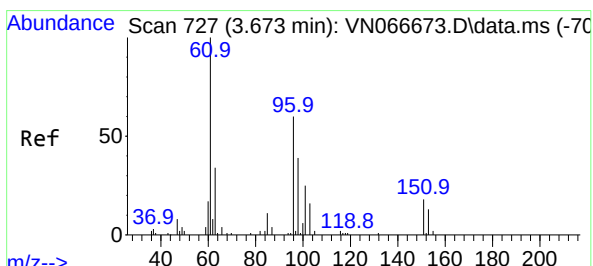
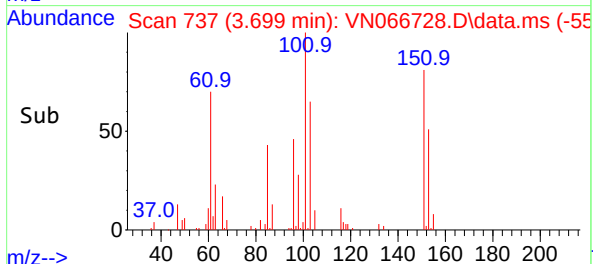
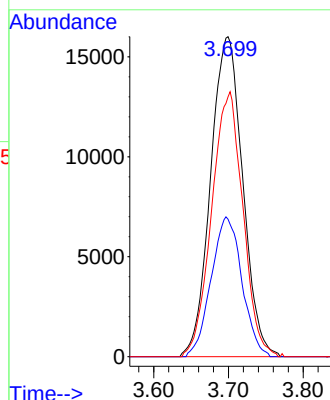
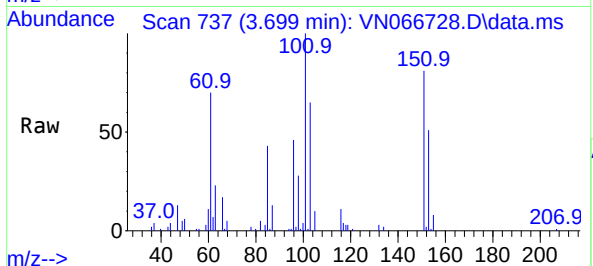
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.06 ug/l
RT: 3.699 min Scan# 737
Delta R.T. 0.002 min
Lab File: VN066728.D
Acq: 22 Apr 2021 20:33

Tgt Ion:	101	Resp:	47766
Ion Ratio	Lower	Upper	
101	100		
85	41.9	0.0	90.6
151	80.5	0.0	159.0

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VSTDCCC020EC

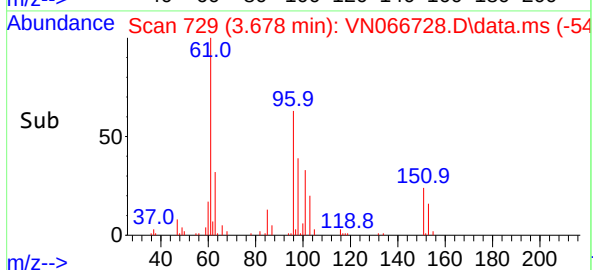
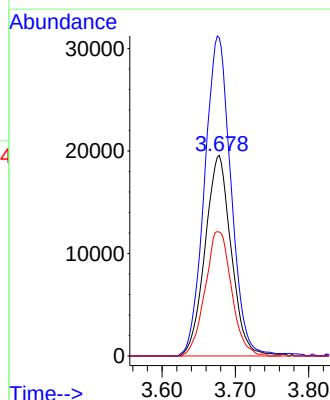
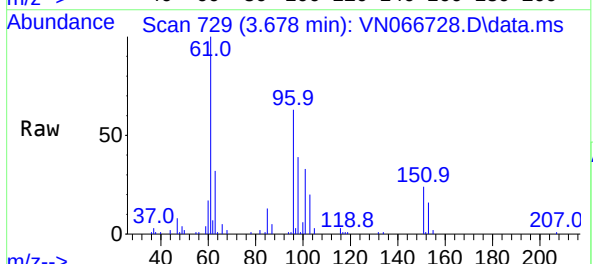
Manual Integrations
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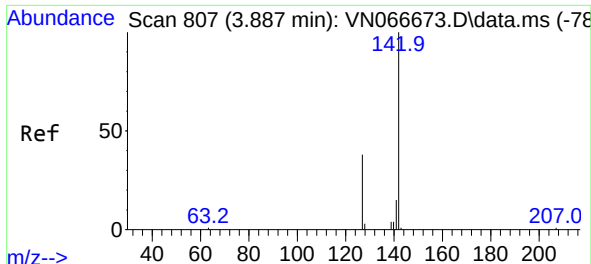
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#10
1,1-Dichloroethene
Concen: 19.20 ug/l
RT: 3.678 min Scan# 729
Delta R.T. 0.005 min
Lab File: VN066728.D
Acq: 22 Apr 2021 20:33

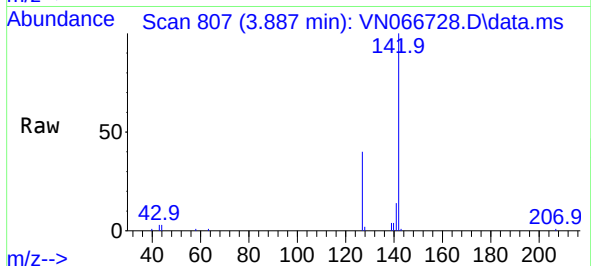
Tgt Ion:	96	Resp:	48494
Ion Ratio	Lower	Upper	
96	100		
61	157.7	139.6	209.4
98	61.8	53.7	80.5





#11
Methyl Iodide
Concen: 16.07 ug/l
RT: 3.887 min Scan# 807
Delta R.T. 0.000 min
Lab File: VN066728.D
Acq: 22 Apr 2021 20:33

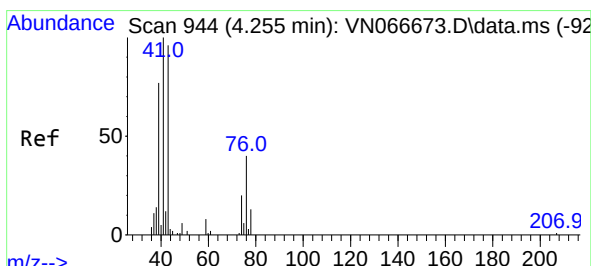
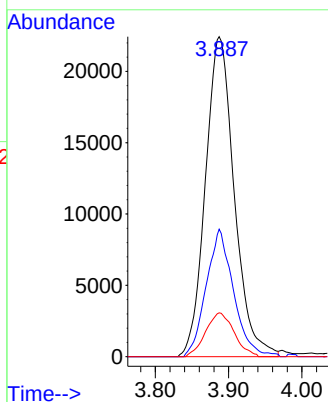
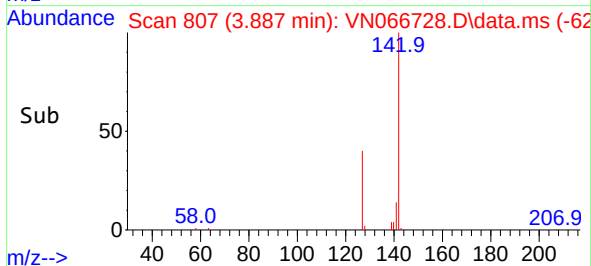
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



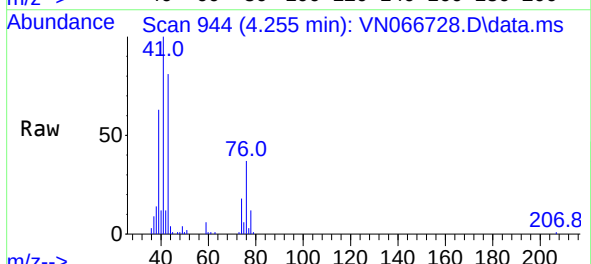
Tgt Ion:142 Resp: 61444
Ion Ratio Lower Upper
142 100
127 39.8 20.5 61.6
141 13.8 7.4 22.3

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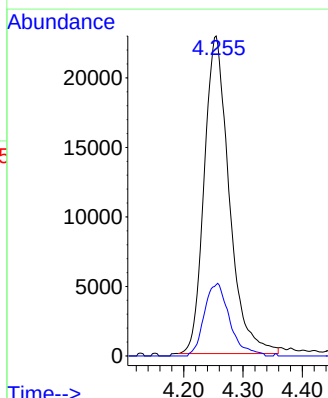
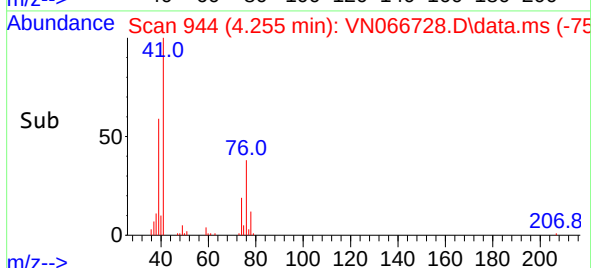
MMDadoda
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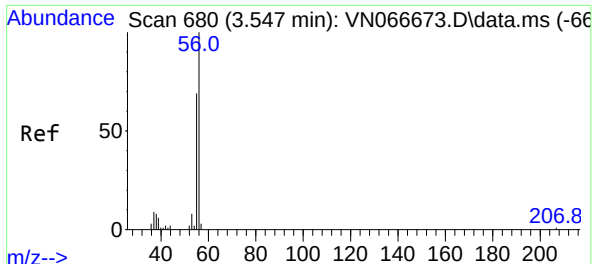


#12
Methyl Acetate
Concen: 19.42 ug/l
RT: 4.255 min Scan# 944
Delta R.T. -0.000 min
Lab File: VN066728.D
Acq: 22 Apr 2021 20:33



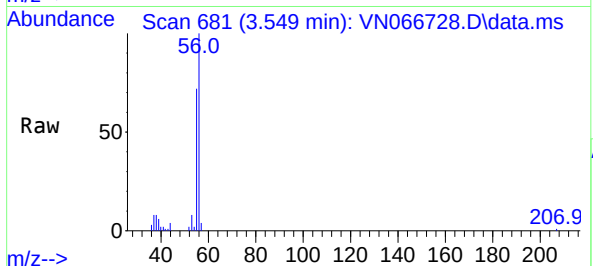
Tgt Ion: 43 Resp: 66863
Ion Ratio Lower Upper
43 100
74 22.6 18.0 27.0





#13
Acrolein
Concen: 93.15 ug/l
RT: 3.549 min Scan# 681
Delta R.T. 0.002 min
Lab File: VN066728.D
Acq: 22 Apr 2021 20:33

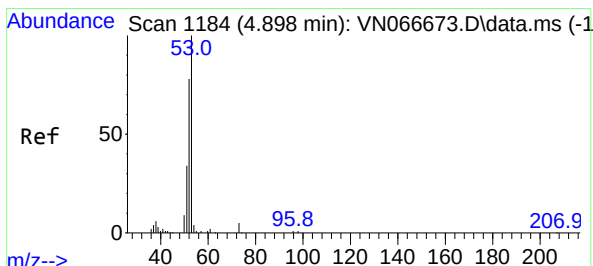
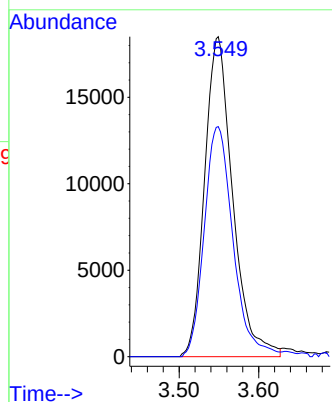
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



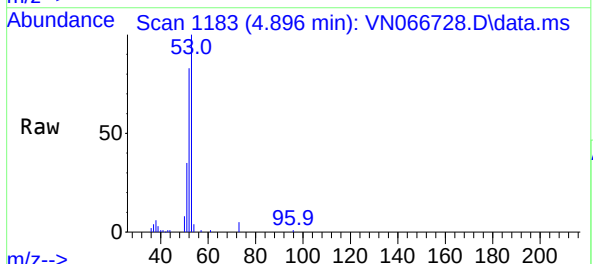
Tgt Ion: 56 Resp: 45355
Ion Ratio Lower Upper
56 100
55 73.7 54.1 81.1

Manual Integrations
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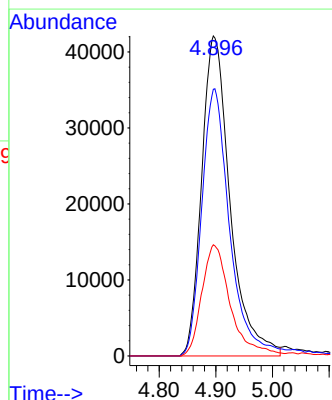
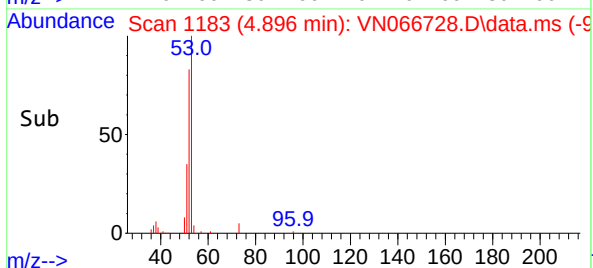
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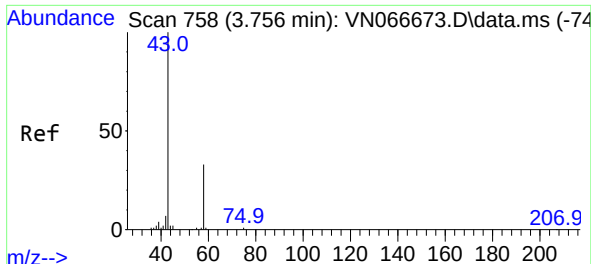


#14
Acrylonitrile
Concen: 97.20 ug/l
RT: 4.896 min Scan# 1183
Delta R.T. -0.002 min
Lab File: VN066728.D
Acq: 22 Apr 2021 20:33

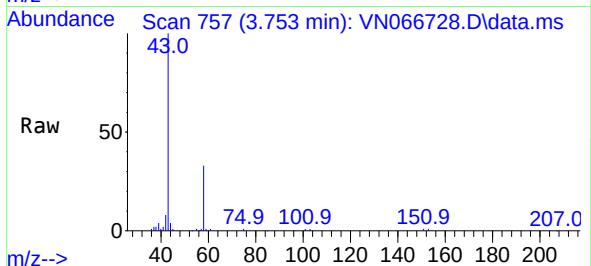


Tgt Ion: 53 Resp: 147058
Ion Ratio Lower Upper
53 100
52 82.0 41.0 123.0
51 35.0 17.8 53.4

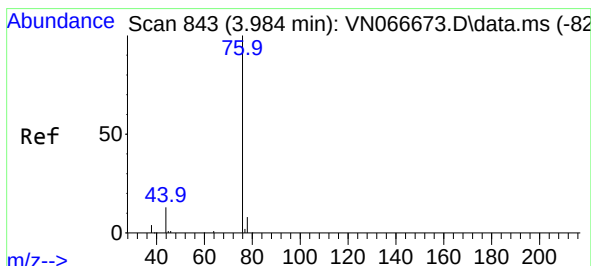
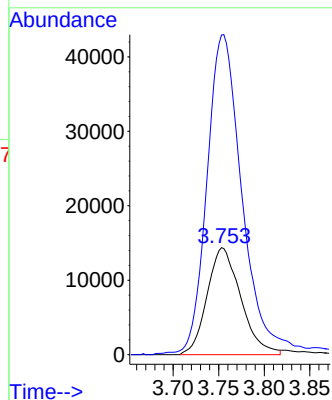
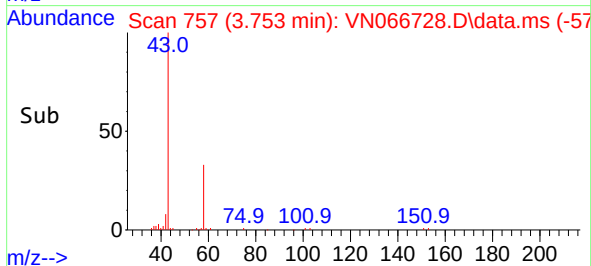




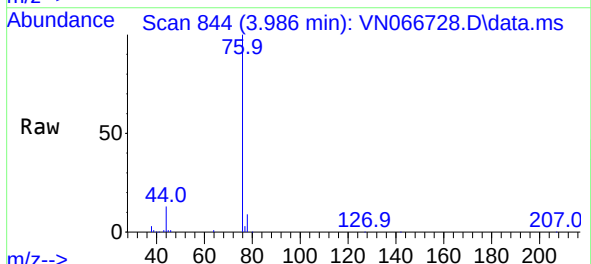
#15
Acetone
Concen: 93.03 ug/l
RT: 3.753 min Scan# 757
Delta R.T. -0.003 min
Lab File: VN066728.D
Acq: 22 Apr 2021 20:33



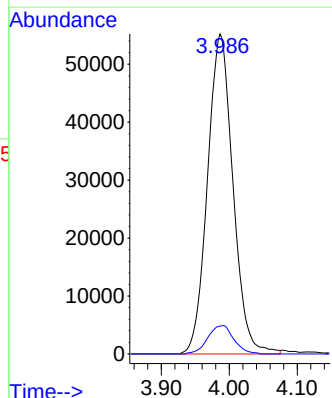
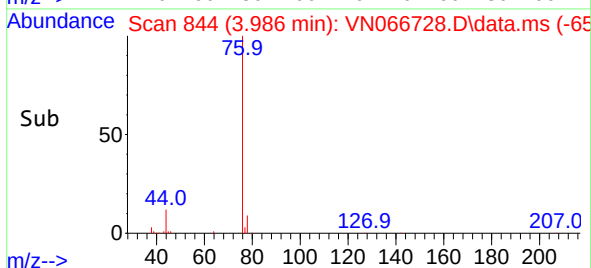
Tgt Ion: 58 Resp: 36943
Ion Ratio Lower Upper
58 100
43 295.1 267.3 400.9



#16
Carbon Disulfide
Concen: 18.47 ug/l
RT: 3.986 min Scan# 844
Delta R.T. 0.002 min
Lab File: VN066728.D
Acq: 22 Apr 2021 20:33



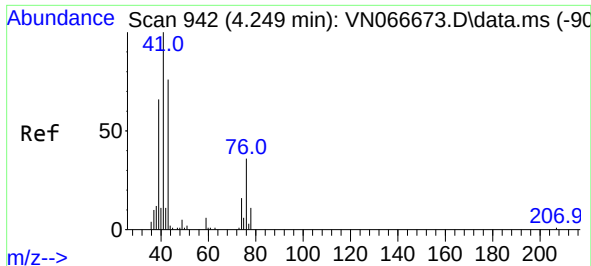
Tgt Ion: 76 Resp: 143829
Ion Ratio Lower Upper
76 100
78 8.7 7.0 10.6



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

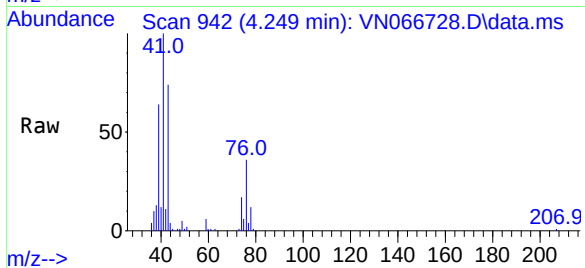
Manual Integrations
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#17
 Allyl chloride
 Concen: 18.89 ug/l
 RT: 4.249 min Scan# 942
 Delta R.T. 0.000 min
 Lab File: VN066728.D
 Acq: 22 Apr 2021 20:33

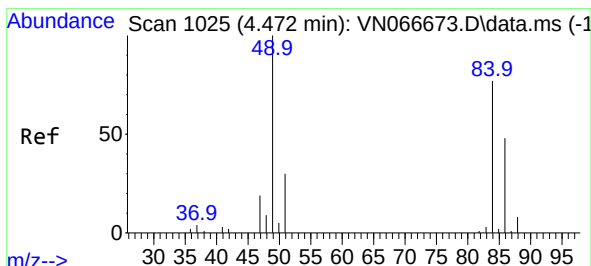
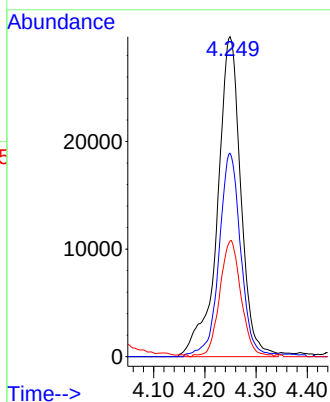
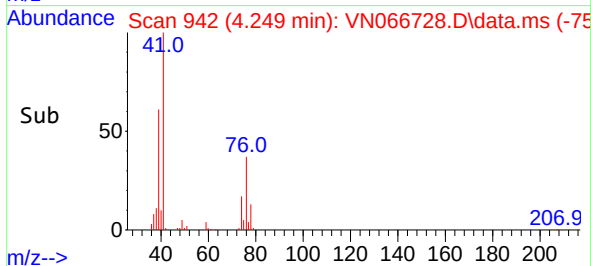
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC



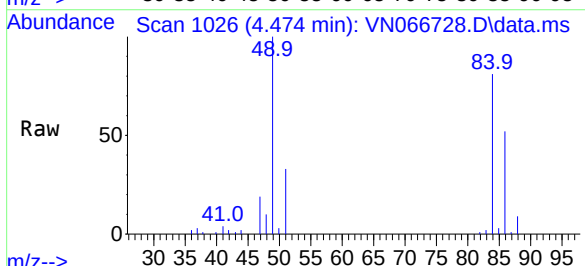
Tgt Ion:	41	Resp:	94588
Ion	Ratio	Lower	Upper
41	100		
39	63.6	38.6	116.0
76	35.7	17.6	52.8

Manual Integrations
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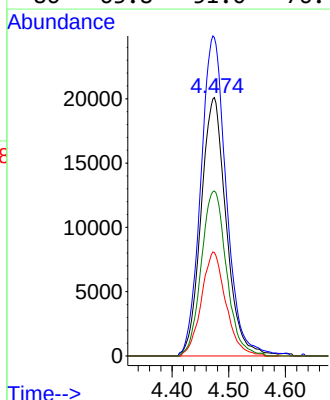
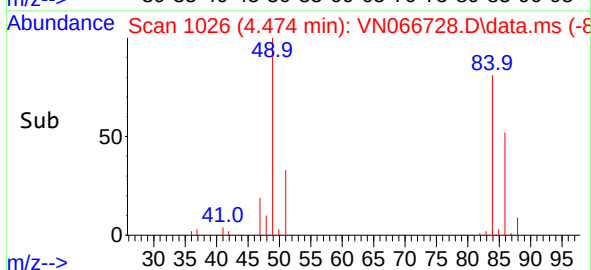
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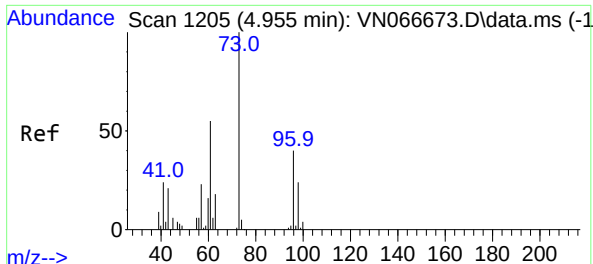


#18
 Methylene Chloride
 Concen: 19.22 ug/l
 RT: 4.474 min Scan# 1026
 Delta R.T. 0.002 min
 Lab File: VN066728.D
 Acq: 22 Apr 2021 20:33



Tgt Ion:	84	Resp:	62124
Ion	Ratio	Lower	Upper
84	100		
49	123.2	98.9	148.3
51	40.1	30.8	46.2
86	63.8	51.0	76.4





#19

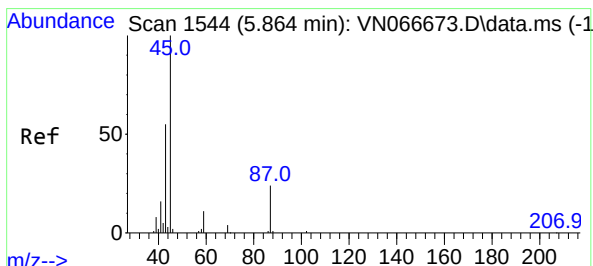
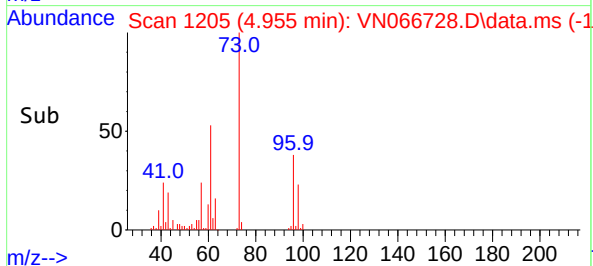
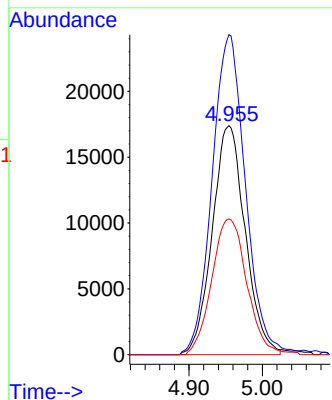
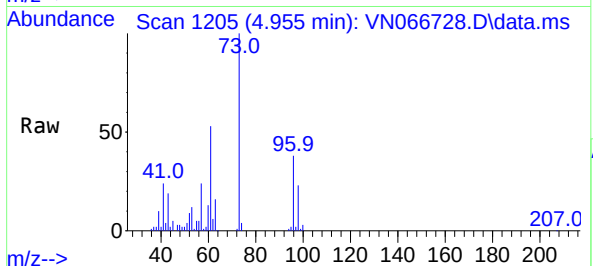
trans-1,2-Dichloroethene
Concen: 19.00 ug/l
RT: 4.955 min Scan# 1205
Delta R.T. -0.000 min
Lab File: VN066728.D
Acq: 22 Apr 2021 20:33

Tgt Ion:	96	Resp:	54337
Ion	Ratio	Lower	Upper
96	100		
61	139.8	113.3	169.9
98	59.3	51.4	77.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Manual Integrations
APPROVED

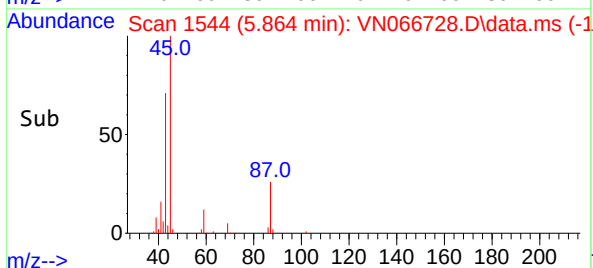
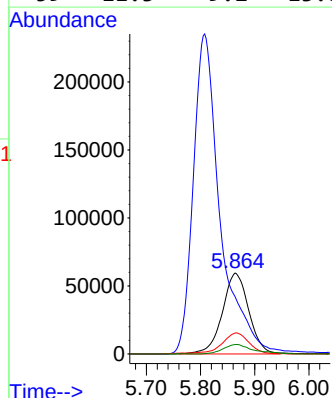
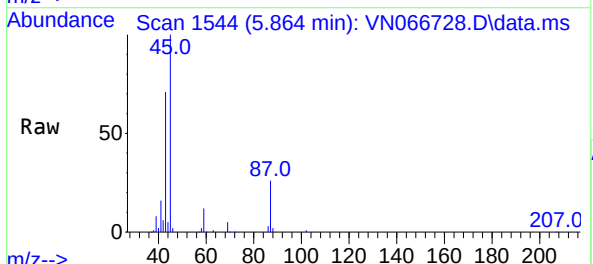
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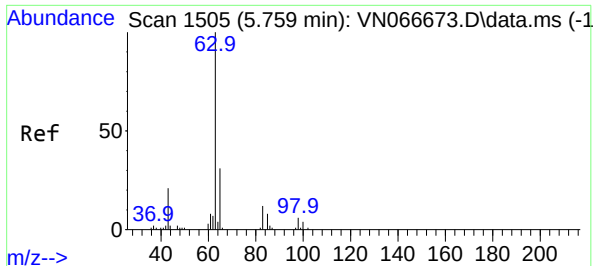


#20

Diisopropyl ether
Concen: 19.11 ug/l
RT: 5.864 min Scan# 1544
Delta R.T. -0.000 min
Lab File: VN066728.D
Acq: 22 Apr 2021 20:33

Tgt Ion:	45	Resp:	201252
Ion	Ratio	Lower	Upper
45	100		
43	65.8	51.4	77.2
87	25.5	21.4	32.0
59	11.3	9.2	13.8





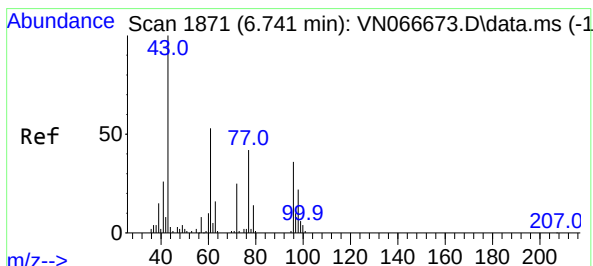
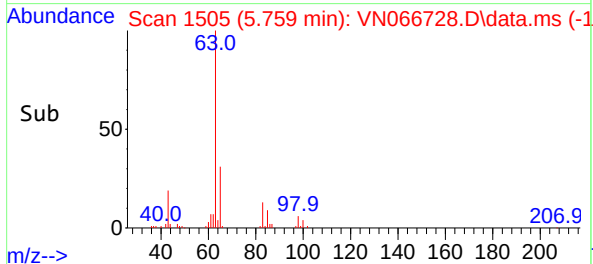
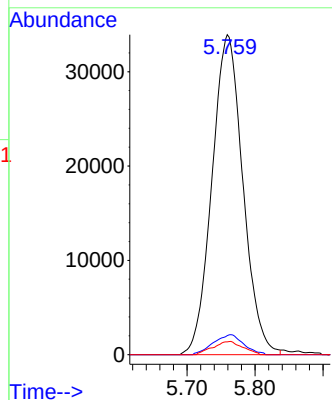
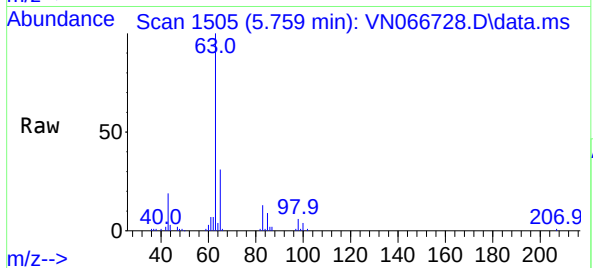
#21
1,1-Dichloroethane
Concen: 18.97 ug/l
RT: 5.759 min Scan# 1505
Delta R.T. 0.000 min
Lab File: VN066728.D
Acq: 22 Apr 2021 20:33

Tgt Ion: 63 Resp: 107362
Ion Ratio Lower Upper
63 100
98 5.9 3.3 9.9
100 4.0 1.9 5.7

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

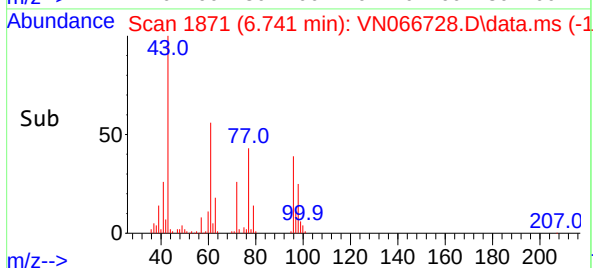
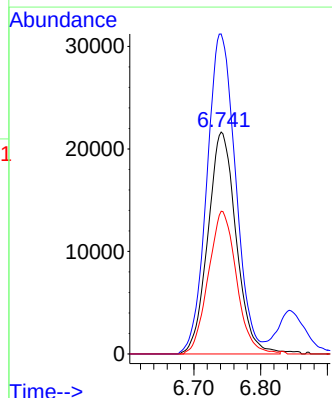
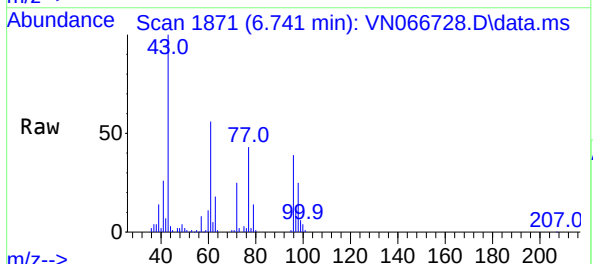
Manual Integrations
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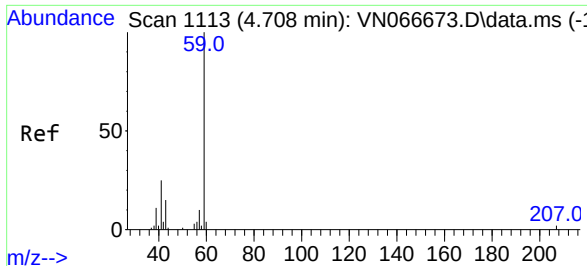
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#22
cis-1,2-Dichloroethene
Concen: 19.18 ug/l
RT: 6.741 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN066728.D
Acq: 22 Apr 2021 20:33

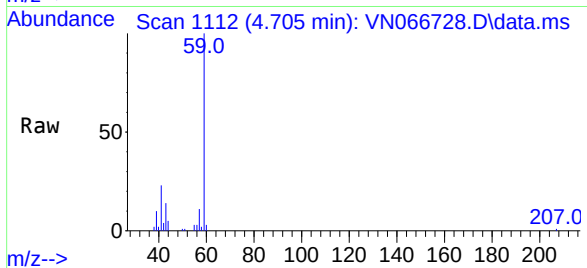
Tgt Ion: 96 Resp: 63617
Ion Ratio Lower Upper
96 100
61 146.7 119.4 179.0
98 63.9 51.5 77.3





#23
tert-Butyl Alcohol
Concen: 93.81 ug/l
RT: 4.705 min Scan# 1112
Delta R.T. -0.003 min
Lab File: VN066728.D
Acq: 22 Apr 2021 20:33

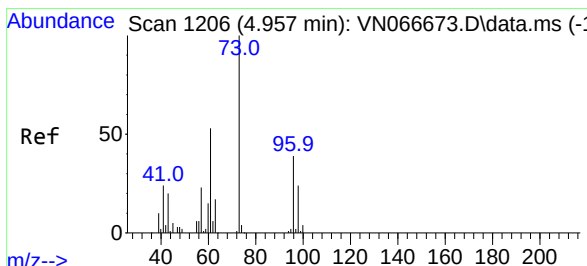
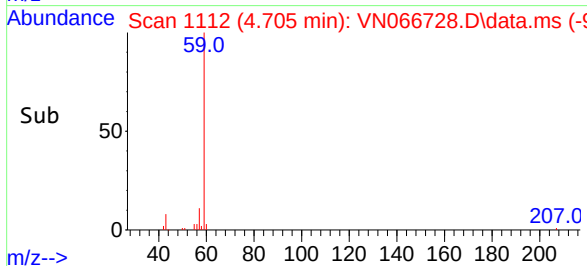
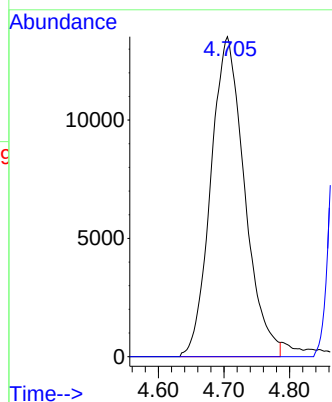
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 59 Resp: 48311
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1#

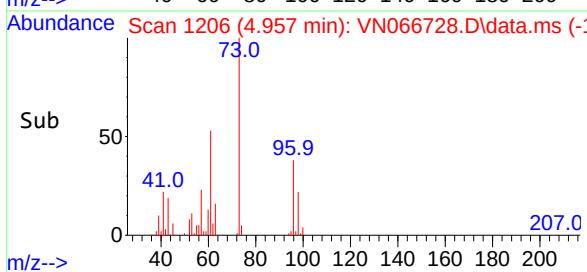
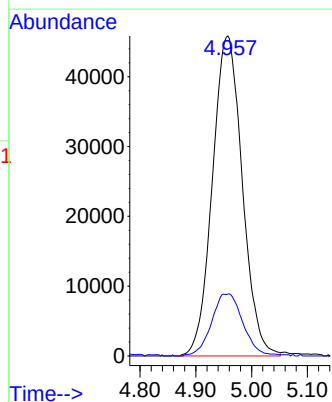
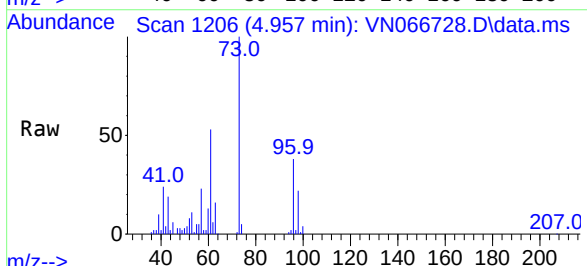
Manual Integrations
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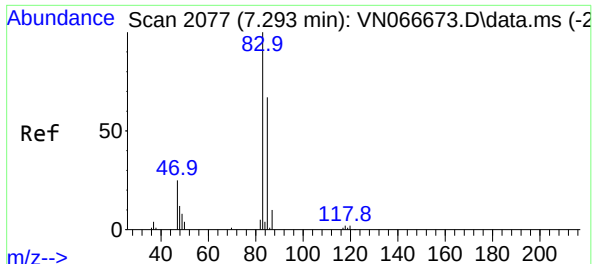
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#24
Methyl tert-Butyl Ether
Concen: 19.36 ug/l
RT: 4.957 min Scan# 1206
Delta R.T. 0.000 min
Lab File: VN066728.D
Acq: 22 Apr 2021 20:33

Tgt Ion: 73 Resp: 170512
Ion Ratio Lower Upper
73 100
43 9.9 18.5 27.7#





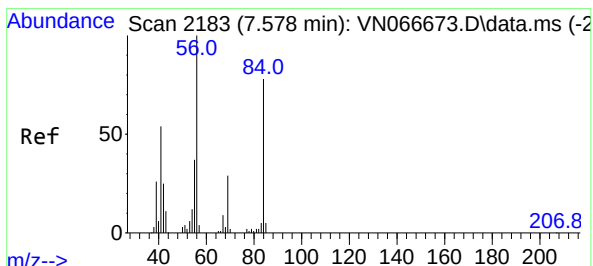
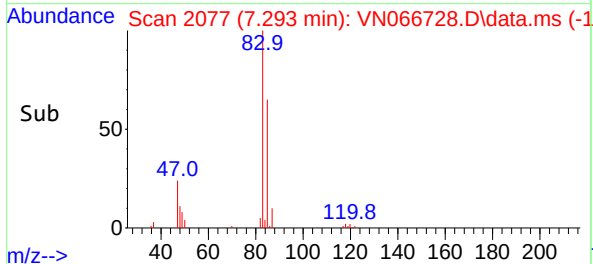
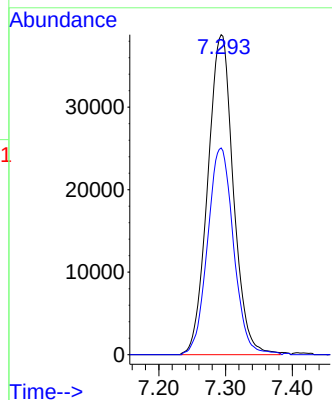
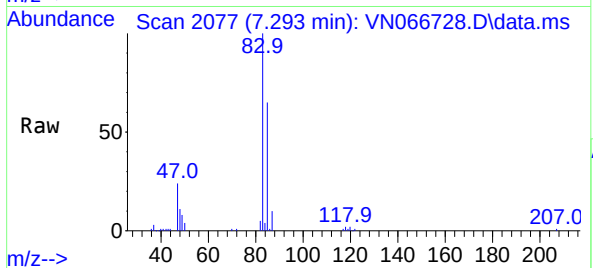
#25
Chloroform
Concen: 19.08 ug/l
RT: 7.293 min Scan# 2077
Delta R.T. 0.000 min
Lab File: VN066728.D
Acq: 22 Apr 2021 20:33

Tgt Ion: 83 Resp: 103450
Ion Ratio Lower Upper
83 100
85 64.6 49.4 74.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

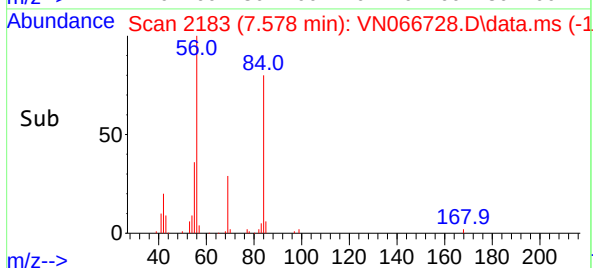
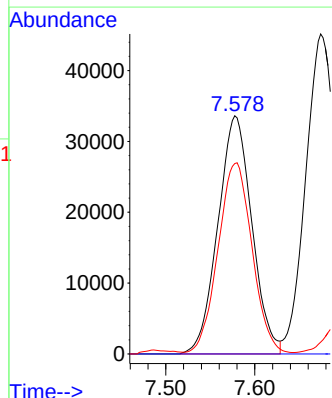
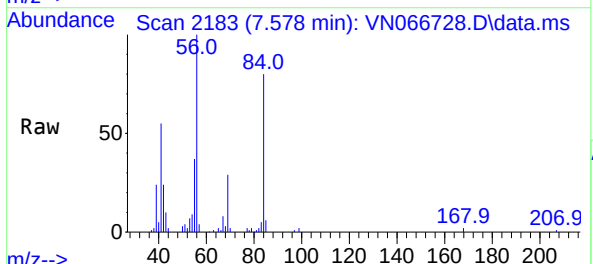
Manual Integrations
APPROVED

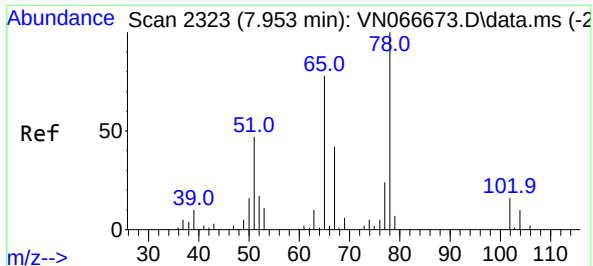
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#26
Cyclohexane
Concen: 18.34 ug/l
RT: 7.578 min Scan# 2183
Delta R.T. -0.000 min
Lab File: VN066728.D
Acq: 22 Apr 2021 20:33

Tgt Ion: 56 Resp: 89290
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 79.3 65.4 98.2





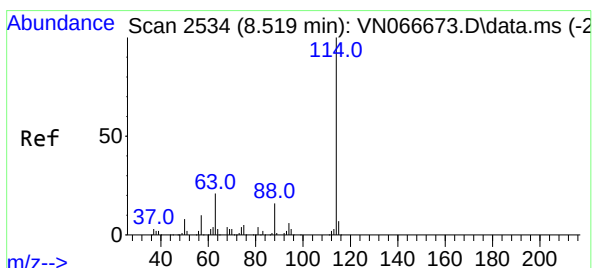
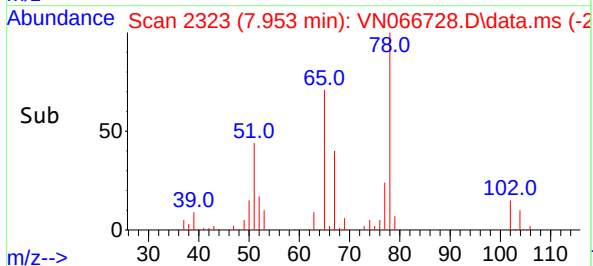
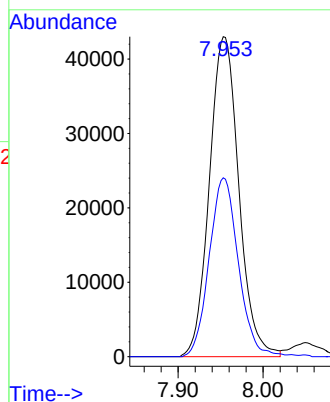
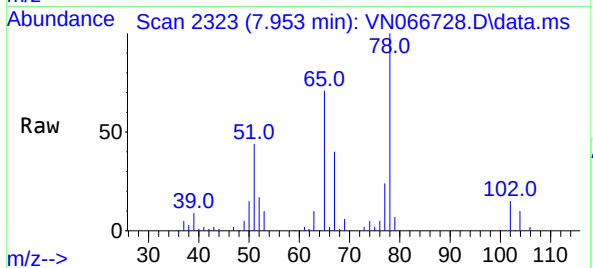
#27
1,2-Dichloroethane-d4
Concen: 29.59 ug/l
RT: 7.953 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VN066728.D
Acq: 22 Apr 2021 20:33

Tgt Ion: 65 Resp: 103606
Ion Ratio Lower Upper
65 100
67 55.4 42.2 63.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

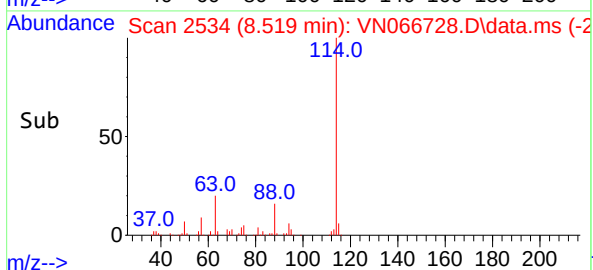
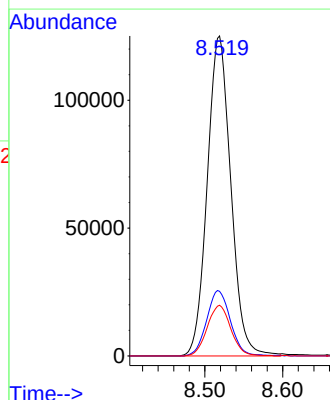
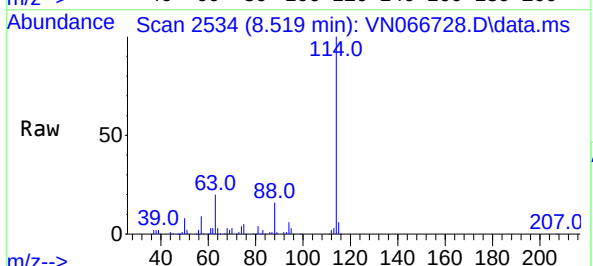
Manual Integrations
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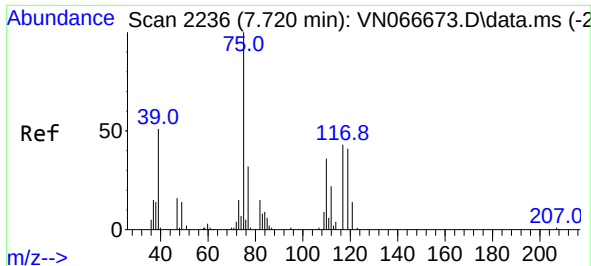
MMDadoda
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#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 8.519 min Scan# 2534
Delta R.T. -0.000 min
Lab File: VN066728.D
Acq: 22 Apr 2021 20:33

Tgt Ion: 114 Resp: 263194
Ion Ratio Lower Upper
114 100
63 20.6 17.4 26.0
88 15.9 12.6 19.0





#29

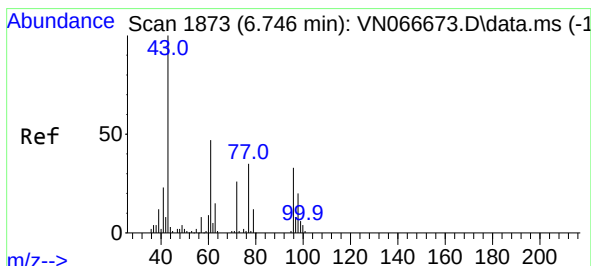
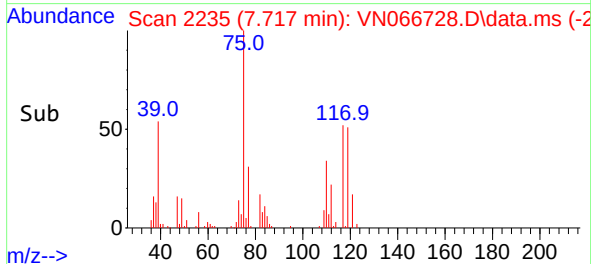
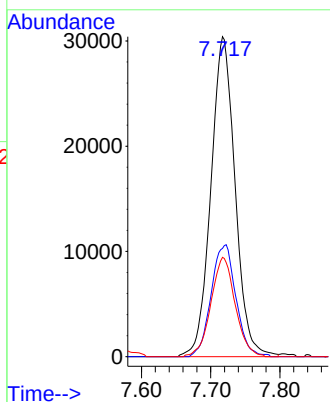
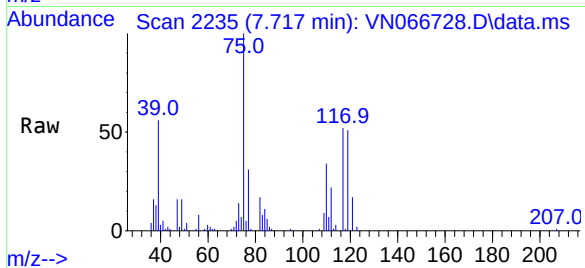
1,1-Dichloropropene
Concen: 17.83 ug/l
RT: 7.717 min Scan# 2235
Delta R.T. -0.003 min
Lab File: VN066728.D
Acq: 22 Apr 2021 20:33

Tgt Ion:	75	Resp:	73894
Ion	Ratio	Lower	Upper
75	100		
110	35.9	0.0	69.4
77	31.1	0.0	60.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Manual Integrations
APPROVED

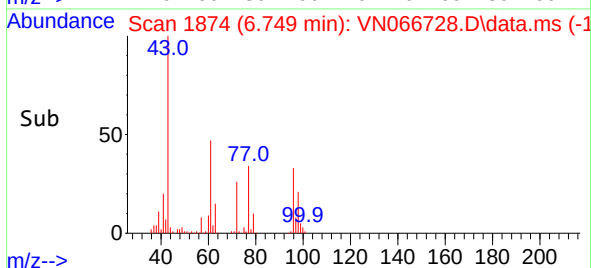
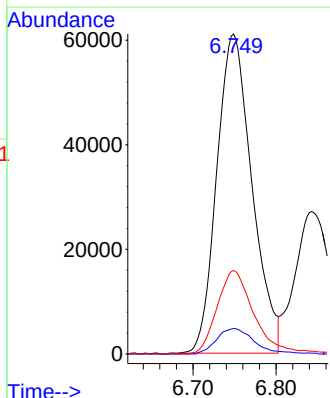
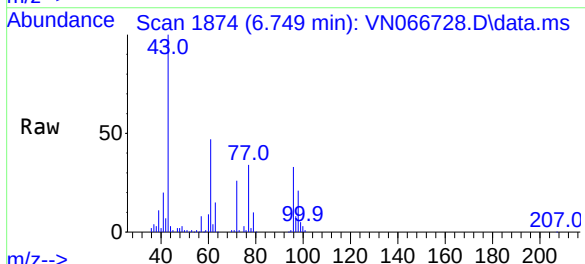
MMDadoda
4/23/2021 1:16:03 PM

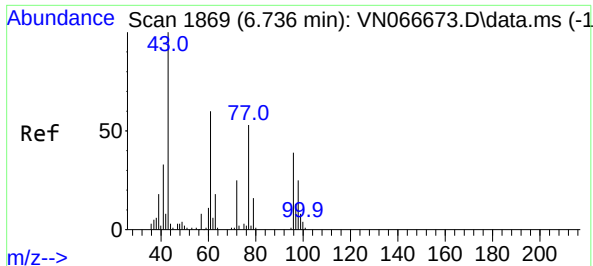


#30

2-Butanone
Concen: 89.85 ug/l
RT: 6.749 min Scan# 1874
Delta R.T. 0.003 min
Lab File: VN066728.D
Acq: 22 Apr 2021 20:33

Tgt Ion:	43	Resp:	179761
Ion	Ratio	Lower	Upper
43	100		
57	8.5	6.9	10.3
72	26.9	20.9	31.3





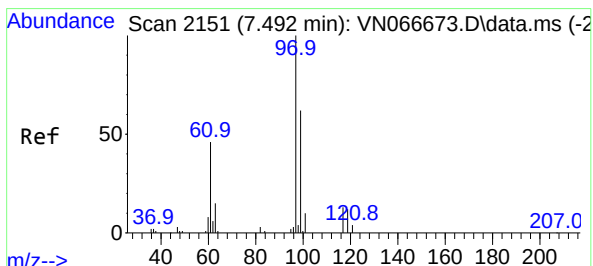
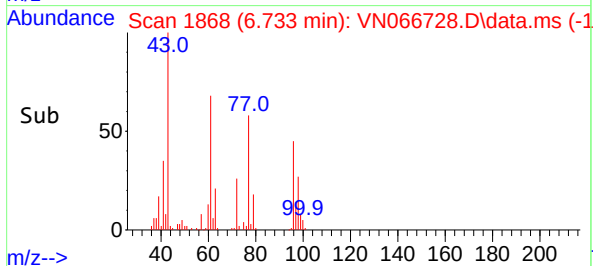
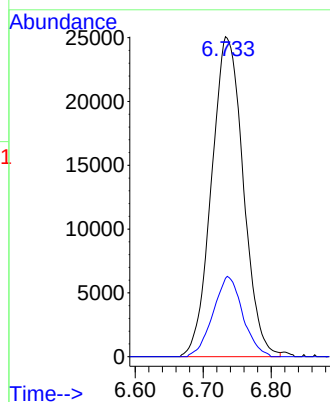
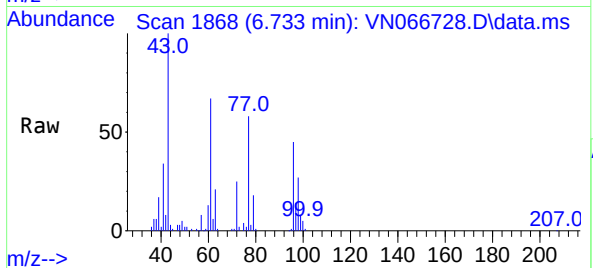
#31
2,2-Dichloropropane
Concen: 17.02 ug/l
RT: 6.733 min Scan# 1868
Delta R.T. -0.003 min
Lab File: VN066728.D
Acq: 22 Apr 2021 20:33

Tgt Ion: 77 Resp: 81282
Ion Ratio Lower Upper
77 100
97 23.5 18.1 27.1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

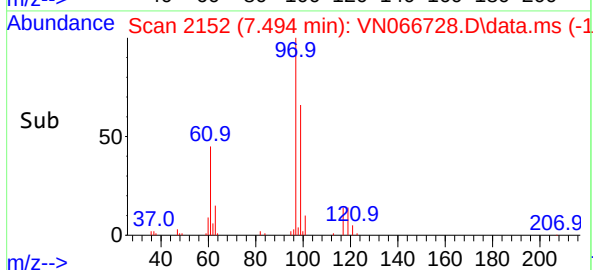
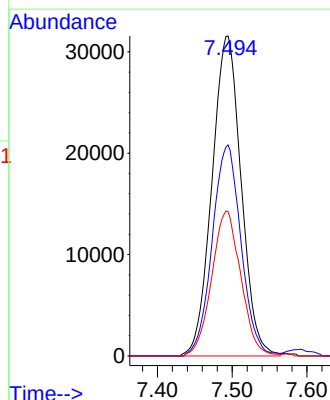
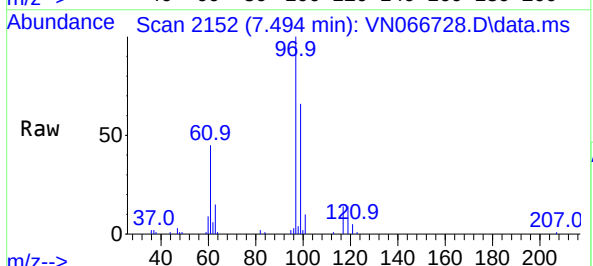
Manual Integrations
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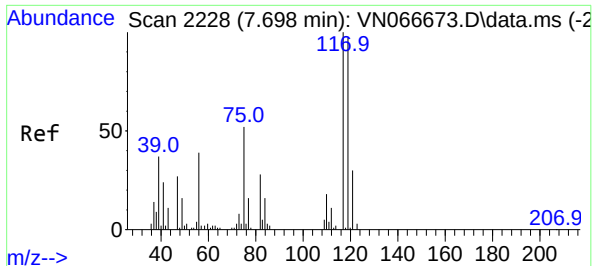
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 18.28 ug/l
RT: 7.494 min Scan# 2152
Delta R.T. 0.002 min
Lab File: VN066728.D
Acq: 22 Apr 2021 20:33

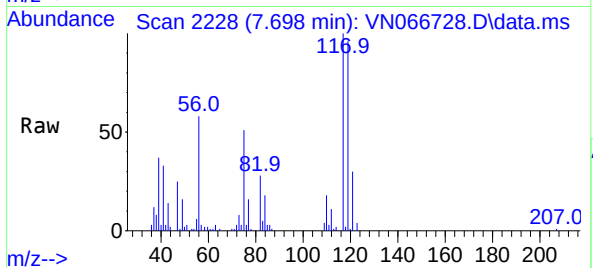
Tgt Ion: 97 Resp: 85527
Ion Ratio Lower Upper
97 100
99 65.2 50.7 76.1
61 45.2 37.6 56.4





#33
Carbon Tetrachloride
Concen: 18.36 ug/l
RT: 7.698 min Scan# 2228
Delta R.T. 0.000 min
Lab File: VN066728.D
Acq: 22 Apr 2021 20:33

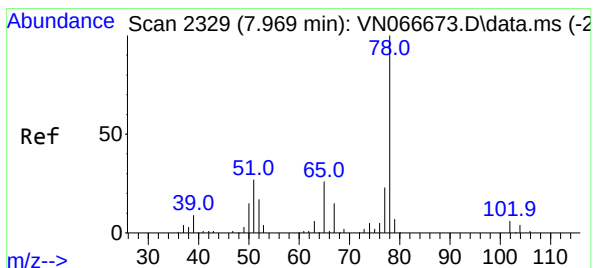
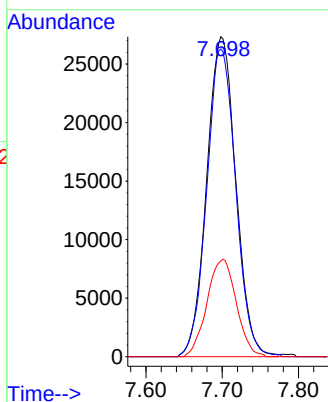
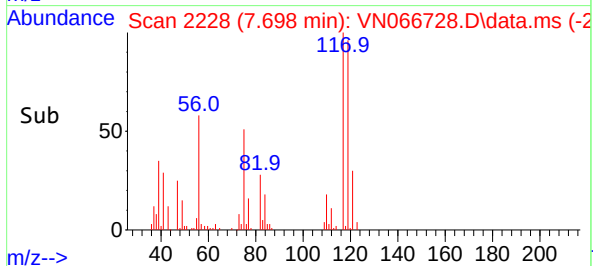
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



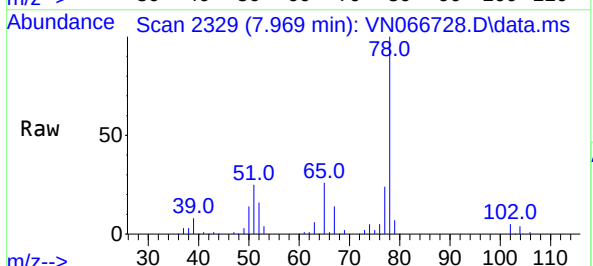
Tgt Ion: 117 Resp: 72553
Ion Ratio Lower Upper
117 100
119 96.2 72.6 108.8
121 29.9 23.5 35.3

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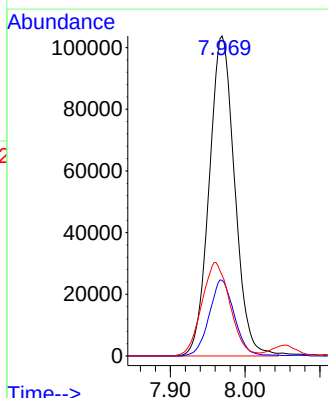
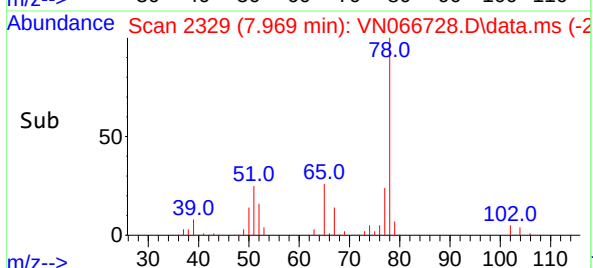
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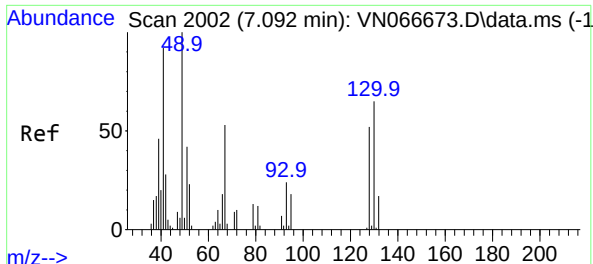


#34
Benzene
Concen: 18.40 ug/l
RT: 7.969 min Scan# 2329
Delta R.T. 0.000 min
Lab File: VN066728.D
Acq: 22 Apr 2021 20:33



Tgt Ion: 78 Resp: 245774
Ion Ratio Lower Upper
78 100
77 23.6 18.6 27.8
51 24.9 21.9 32.9





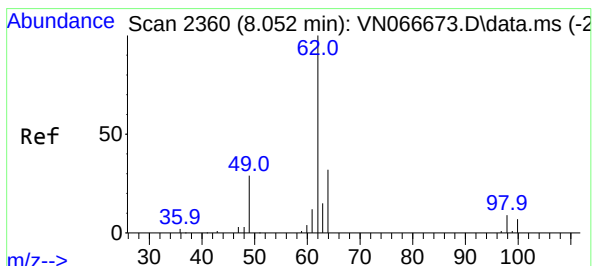
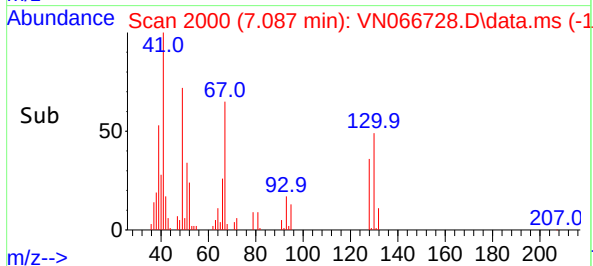
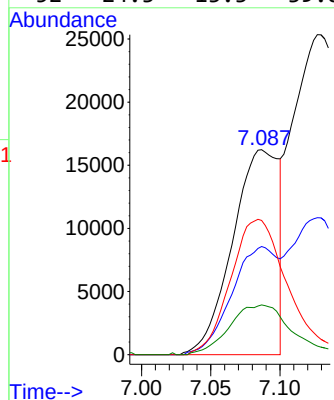
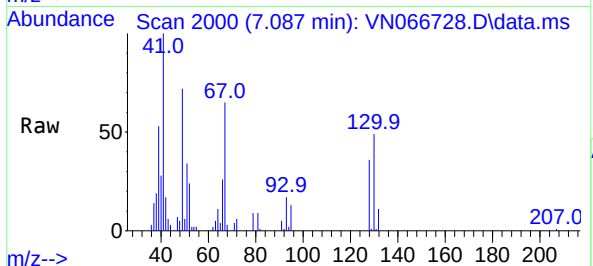
#35
Methacrylonitrile
Concen: 19.48 ug/l
RT: 7.087 min Scan# 2000
Delta R.T. -0.005 min
Lab File: VN066728.D
Acq: 22 Apr 2021 20:33

Tgt Ion:	41	Resp:	37525
Ion	Ratio	Lower	Upper
41	100		
39	52.8	27.3	81.8
67	65.5	31.4	94.3
52	24.3	13.3	39.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

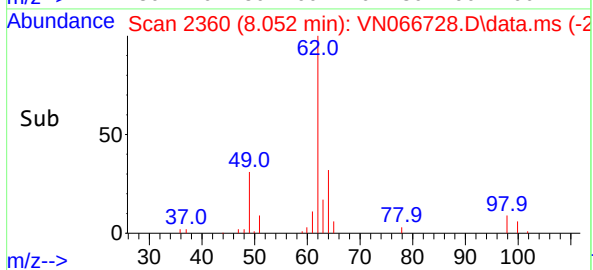
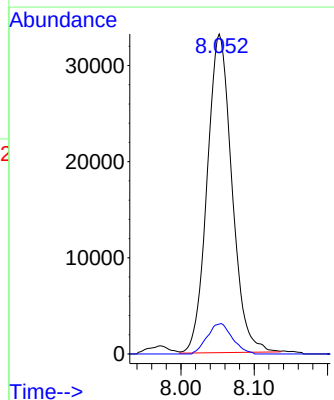
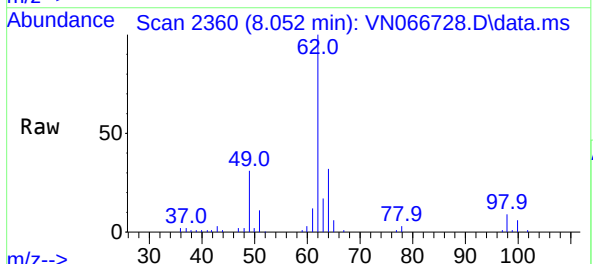
Manual Integrations
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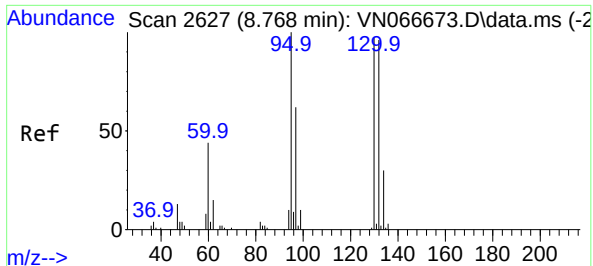
MMDadoda
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#36
1,2-Dichloroethane
Concen: 17.77 ug/l
RT: 8.052 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN066728.D
Acq: 22 Apr 2021 20:33

Tgt Ion:	62	Resp:	77936
Ion	Ratio	Lower	Upper
62	100		
98	9.6	6.9	10.3





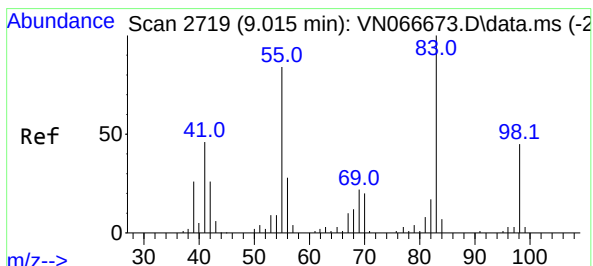
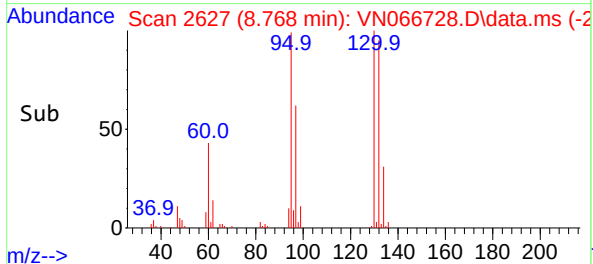
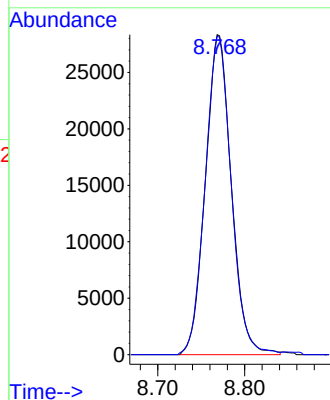
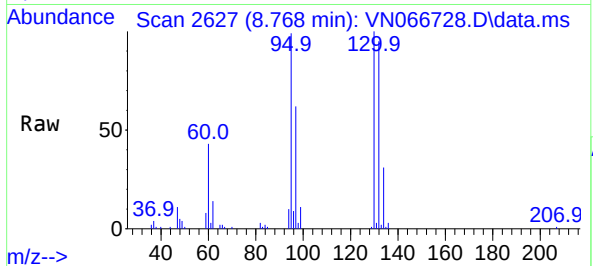
#37
Trichloroethene
Concen: 18.53 ug/l
RT: 8.768 min Scan# 2627
Delta R.T. 0.000 min
Lab File: VN066728.D
Acq: 22 Apr 2021 20:33

Tgt Ion: 130 Resp: 58827
Ion Ratio Lower Upper
130 100
95 98.9 80.7 121.1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

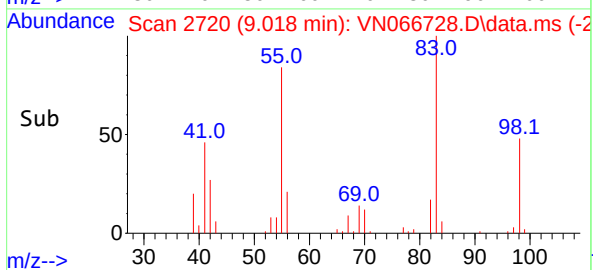
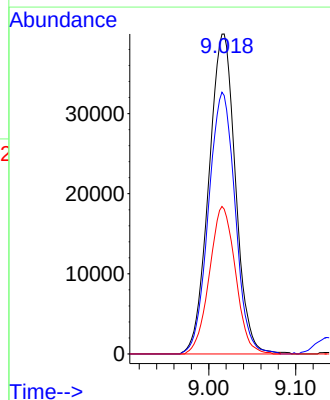
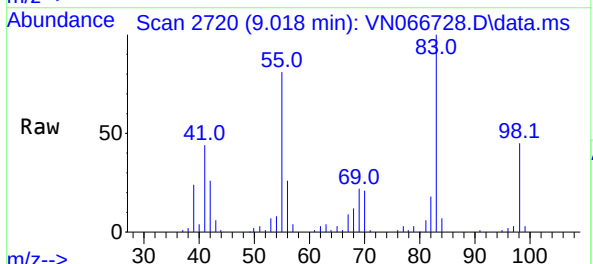
Manual Integrations
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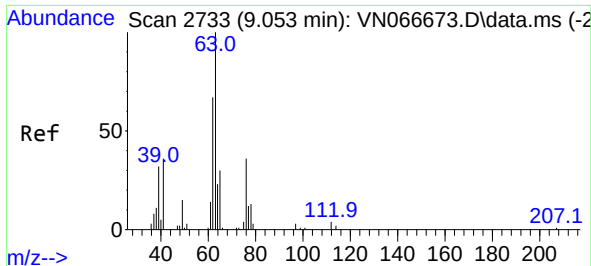
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#38
Methylcyclohexane
Concen: 17.20 ug/l
RT: 9.018 min Scan# 2720
Delta R.T. 0.003 min
Lab File: VN066728.D
Acq: 22 Apr 2021 20:33

Tgt Ion: 83 Resp: 84971
Ion Ratio Lower Upper
83 100
55 81.9 38.8 116.3
98 45.1 22.2 66.6





#39

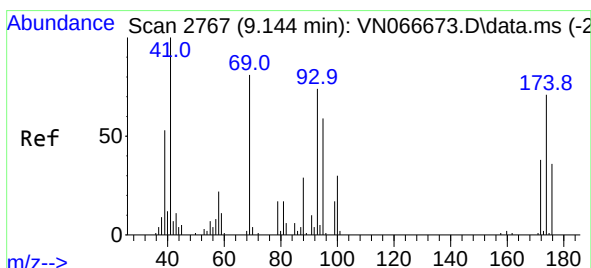
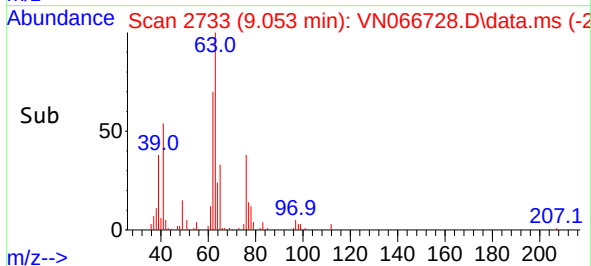
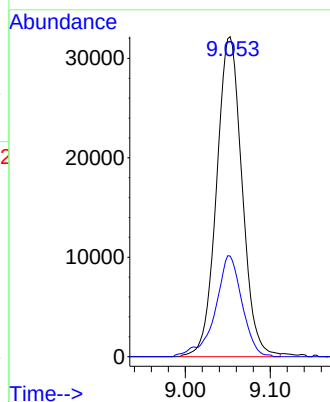
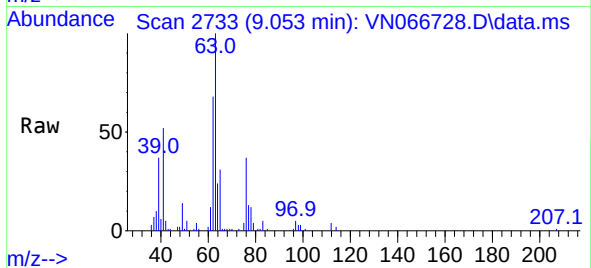
1,2-Dichloropropane
Concen: 18.43 ug/l
RT: 9.053 min Scan# 2733
Delta R.T. -0.000 min
Lab File: VN066728.D
Acq: 22 Apr 2021 20:33

Tgt Ion: 63 Resp: 67199
Ion Ratio Lower Upper
63 100
65 31.5 24.9 37.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Manual Integrations
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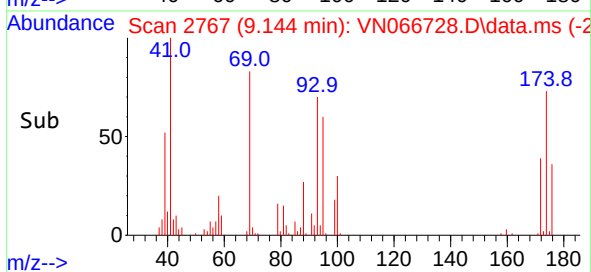
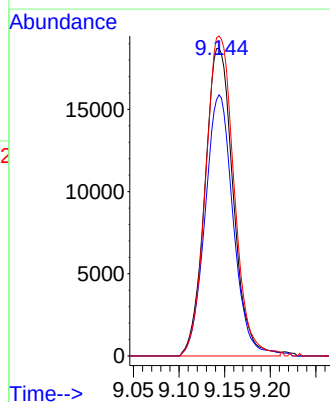
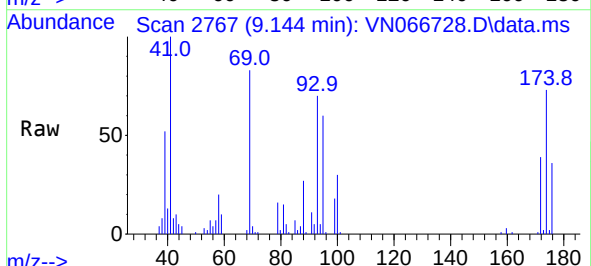
MMDadoda
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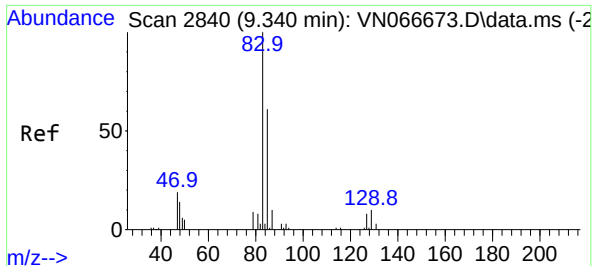


#40

Dibromomethane
Concen: 18.48 ug/l
RT: 9.144 min Scan# 2767
Delta R.T. -0.000 min
Lab File: VN066728.D
Acq: 22 Apr 2021 20:33

Tgt Ion: 93 Resp: 40402
Ion Ratio Lower Upper
93 100
95 84.4 0.0 169.0
174 104.0 0.0 205.8





#41
Bromodichloromethane
Concen: 17.94 ug/l
RT: 9.337 min Scan# 2839
Delta R.T. -0.003 min
Lab File: VN066728.D
Acq: 22 Apr 2021 20:33

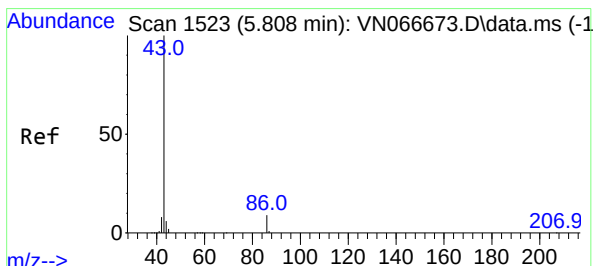
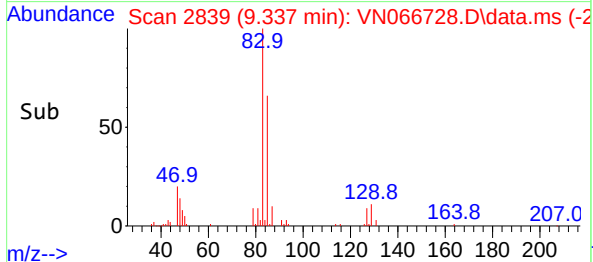
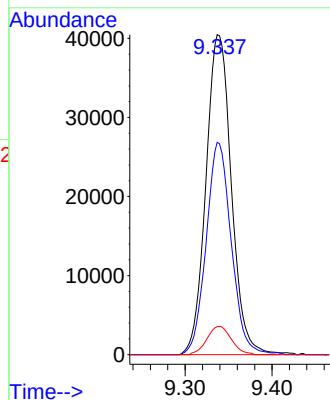
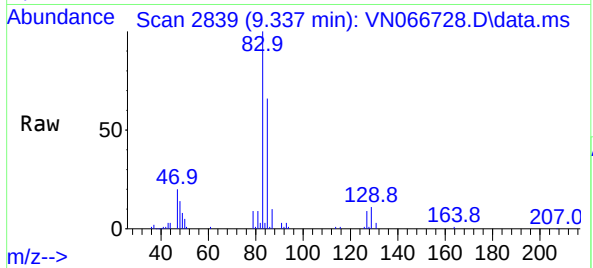
Tgt Ion: 83 Resp: 82344

Ion	Ratio	Lower	Upper
83	100		
85	66.4	50.6	75.8
127	8.8	6.9	10.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Manual Integrations
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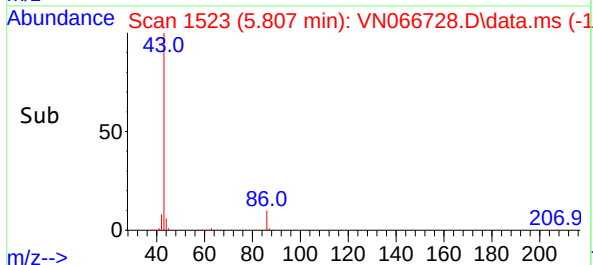
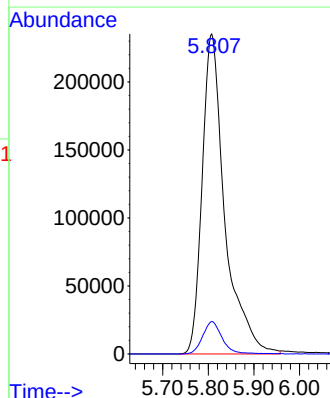
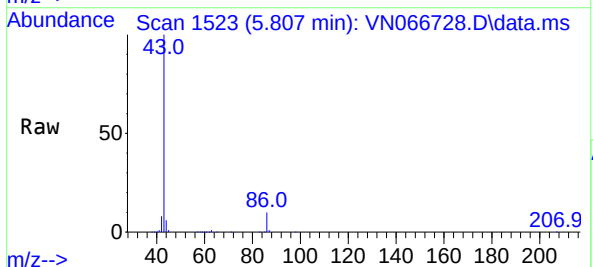
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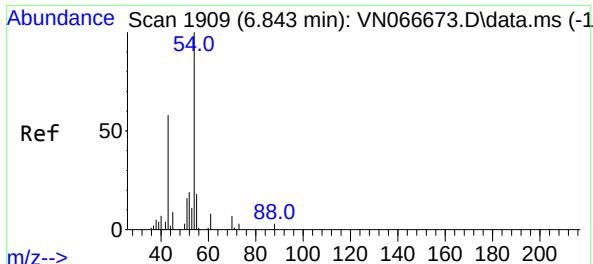


#42
Vinyl Acetate
Concen: 90.45 ug/l
RT: 5.807 min Scan# 1523
Delta R.T. -0.001 min
Lab File: VN066728.D
Acq: 22 Apr 2021 20:33

Tgt Ion: 43 Resp: 811108

Ion	Ratio	Lower	Upper
43	100		
86	8.6	6.7	10.1





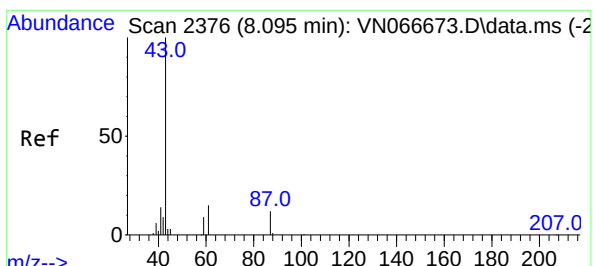
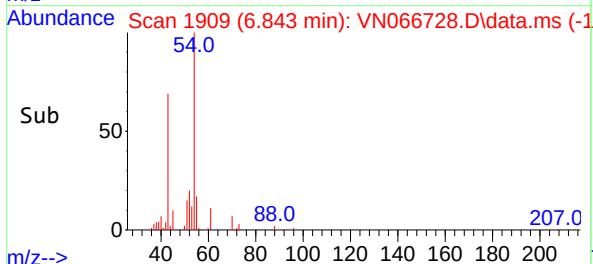
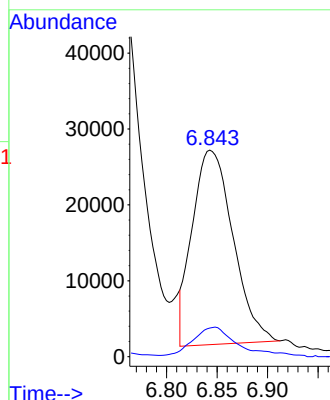
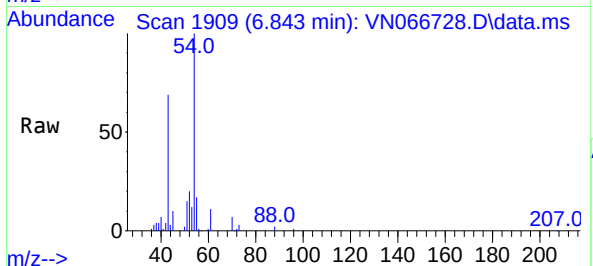
#43
Ethyl Acetate
Concen: 16.33 ug/l
RT: 6.843 min Scan# 1909
Delta R.T. -0.000 min
Lab File: VN066728.D
Acq: 22 Apr 2021 20:33

Tgt Ion: 43 Resp: 71834
Ion Ratio Lower Upper
43 100
45 13.6 6.3 9.5#

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

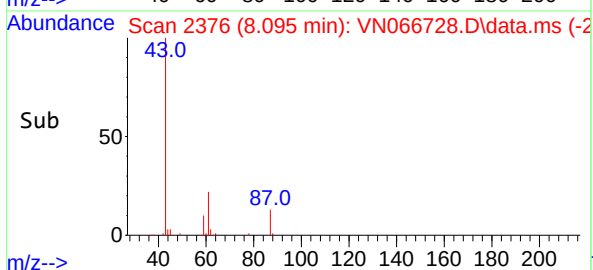
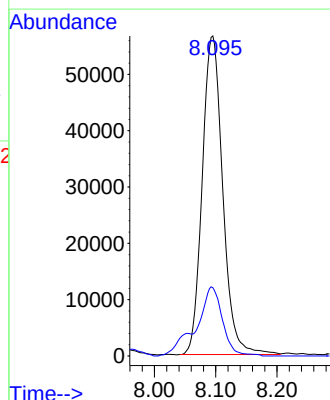
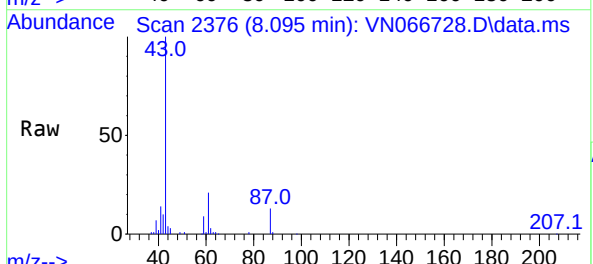
Manual Integrations
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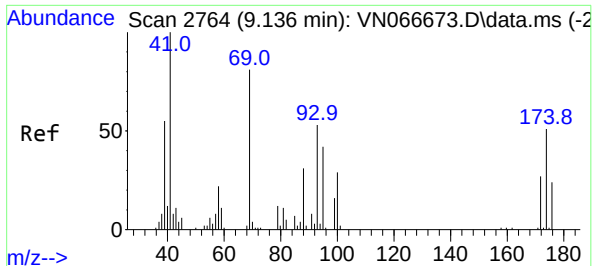
MMDadoda
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#44
Isopropyl Acetate
Concen: 17.94 ug/l
RT: 8.095 min Scan# 2376
Delta R.T. 0.000 min
Lab File: VN066728.D
Acq: 22 Apr 2021 20:33

Tgt Ion: 43 Resp: 131673
Ion Ratio Lower Upper
43 100
61 21.8 20.4 30.6





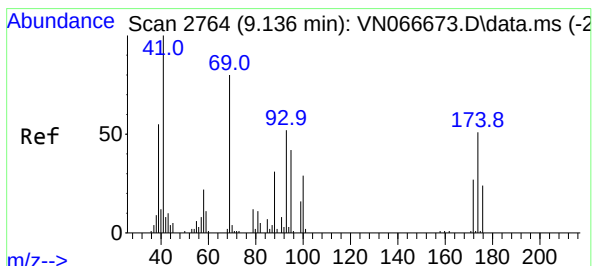
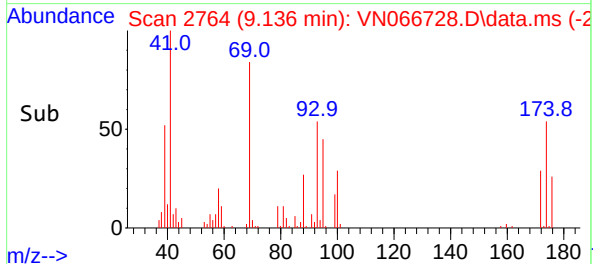
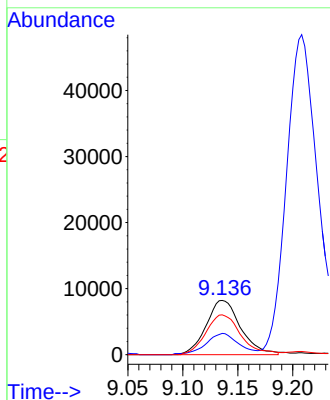
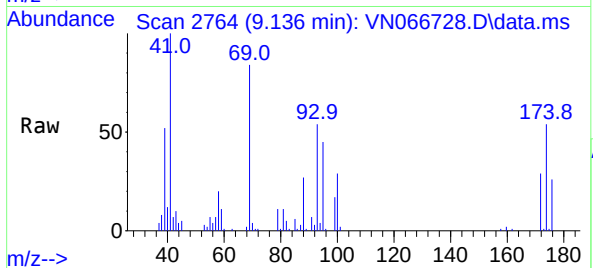
#45
1,4-Dioxane
Concen: 335.69 ug/l
RT: 9.136 min Scan# 2764
Delta R.T. -0.000 min
Lab File: VN066728.D
Acq: 22 Apr 2021 20:33

Tgt Ion: 88 Resp: 17925
Ion Ratio Lower Upper
88 100
43 33.9 27.0 40.4
58 74.9 57.9 86.9

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

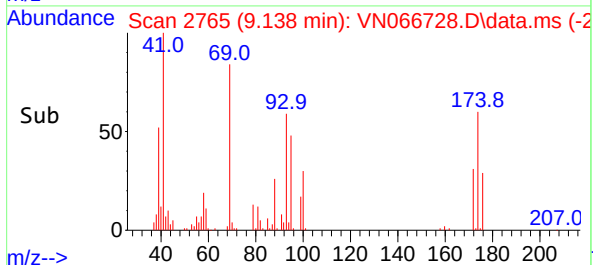
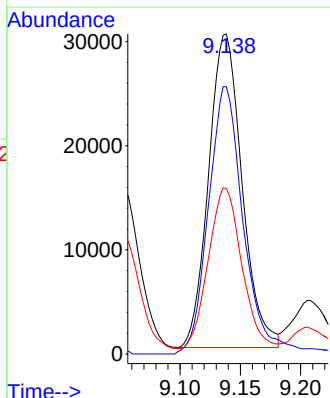
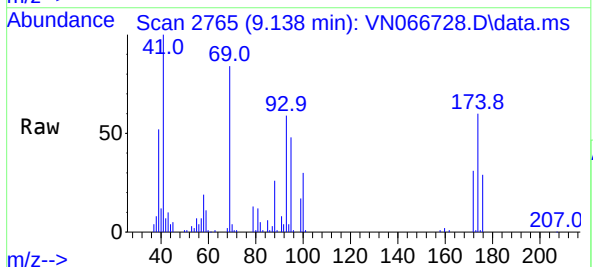
Manual Integrations
APPROVED

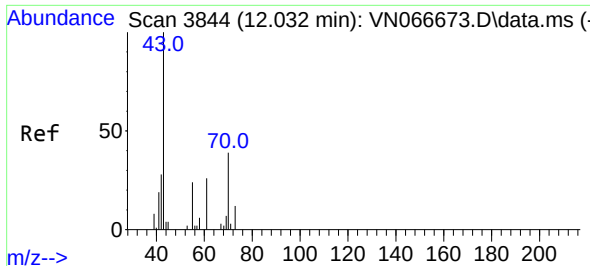
MMDadoda
4/23/2021 1:16:03 PM



#46
Methyl methacrylate
Concen: 17.34 ug/l
RT: 9.138 min Scan# 2765
Delta R.T. 0.002 min
Lab File: VN066728.D
Acq: 22 Apr 2021 20:33

Tgt Ion: 41 Resp: 58148
Ion Ratio Lower Upper
41 100
69 84.5 40.6 121.7
39 51.0 33.2 99.6





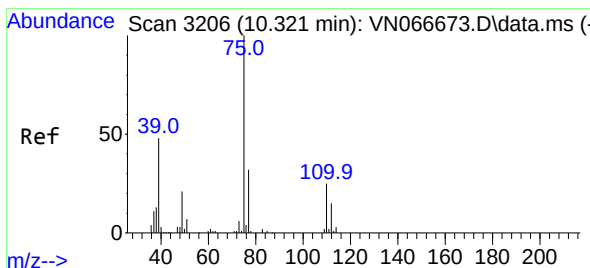
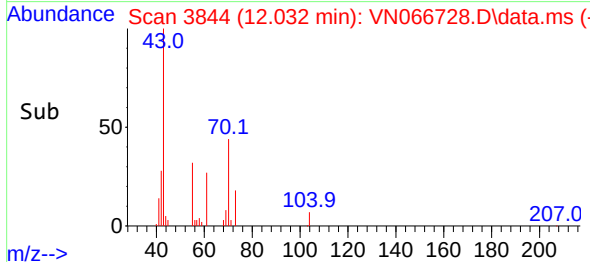
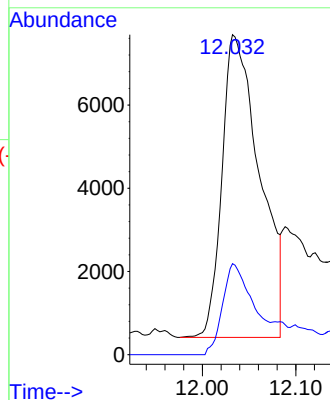
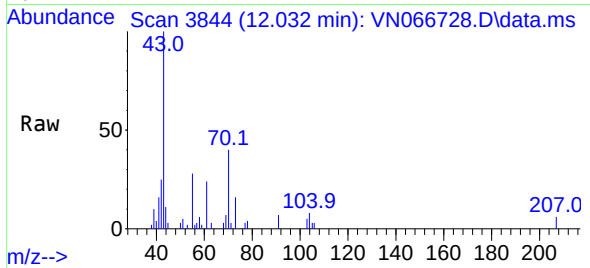
#47
n-amy1 Acetate
Concen: 5.03 ug/l
RT: 12.032 min Scan# 3844
Delta R.T. 0.000 min
Lab File: VN066728.D
Acq: 22 Apr 2021 20:33

Tgt Ion: 43 Resp: 20387
Ion Ratio Lower Upper
43 100
55 24.7 17.7 26.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

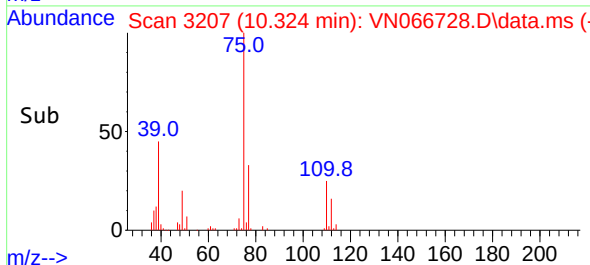
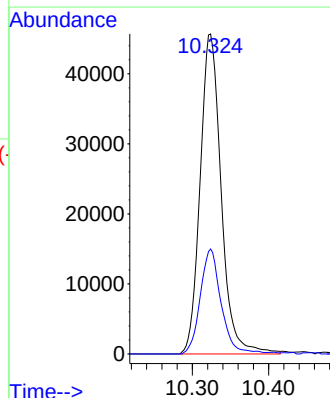
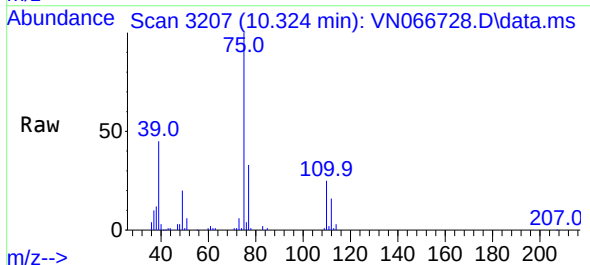
Manual Integrations
APPROVED

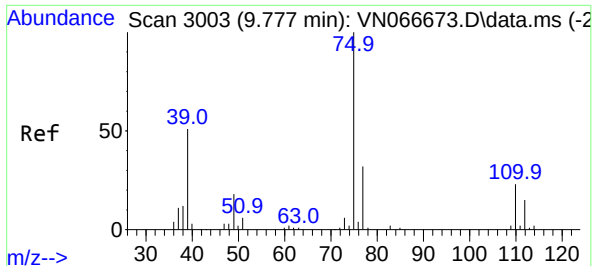
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#48
t-1,3-Dichloropropene
Concen: 17.48 ug/l
RT: 10.324 min Scan# 3207
Delta R.T. 0.003 min
Lab File: VN066728.D
Acq: 22 Apr 2021 20:33

Tgt Ion: 75 Resp: 87640
Ion Ratio Lower Upper
75 100
77 32.8 24.9 37.3





#49

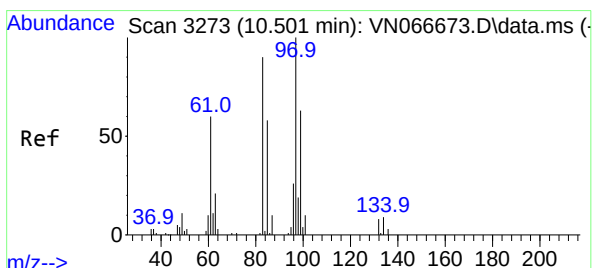
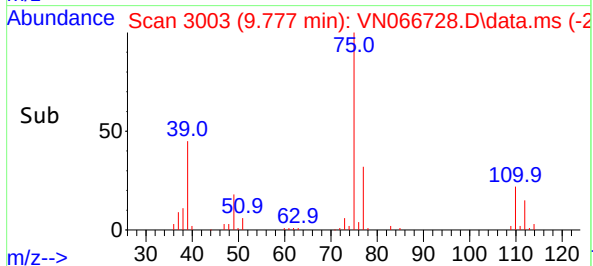
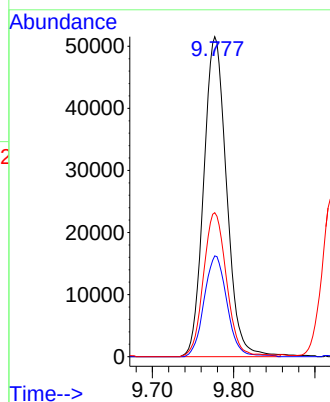
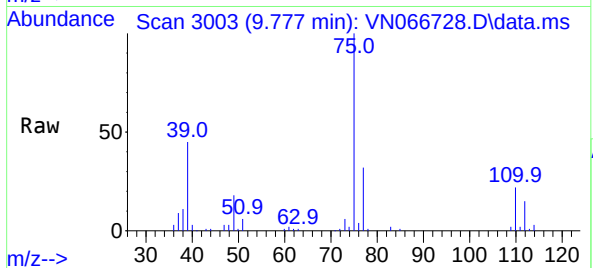
cis-1,3-Dichloropropene
Concen: 18.17 ug/l
RT: 9.777 min Scan# 3003
Delta R.T. -0.000 min
Lab File: VN066728.D
Acq: 22 Apr 2021 20:33

Tgt Ion: 75 Resp: 100696
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.0
39 45.0 46.8 70.2#

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Manual Integrations
APPROVED

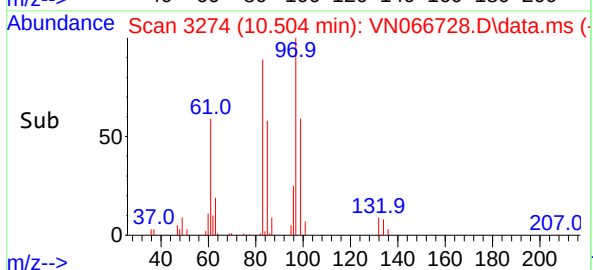
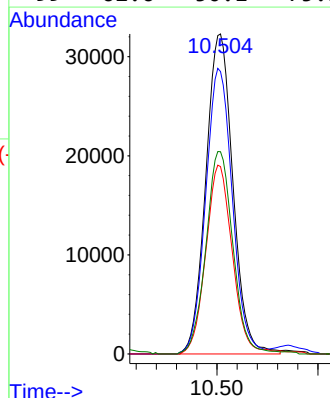
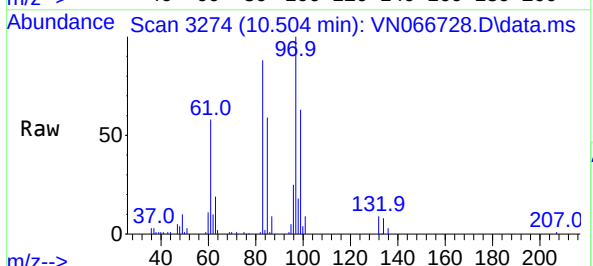
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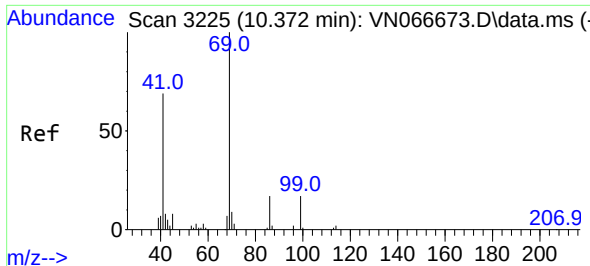


#50

1,1,2-Trichloroethane
Concen: 18.76 ug/l
RT: 10.504 min Scan# 3274
Delta R.T. 0.003 min
Lab File: VN066728.D
Acq: 22 Apr 2021 20:33

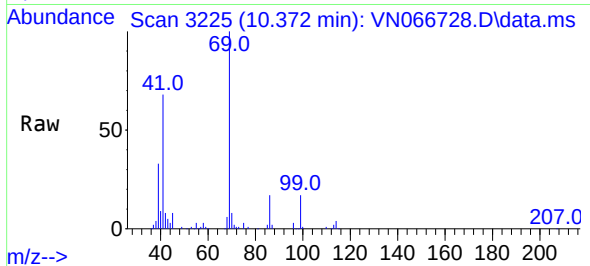
Tgt Ion: 97 Resp: 60309
Ion Ratio Lower Upper
97 100
83 87.7 68.8 103.2
85 58.5 44.8 67.2
99 62.6 50.1 75.1





#51
Ethyl methacrylate
Concen: 17.70 ug/l
RT: 10.372 min Scan# 3225
Delta R.T. 0.000 min
Lab File: VN066728.D
Acq: 22 Apr 2021 20:33

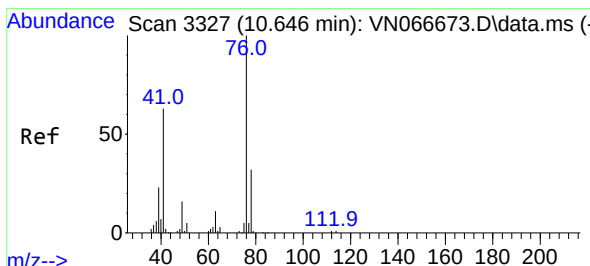
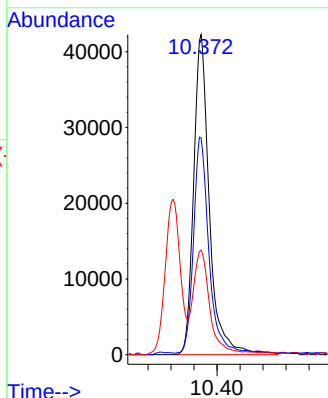
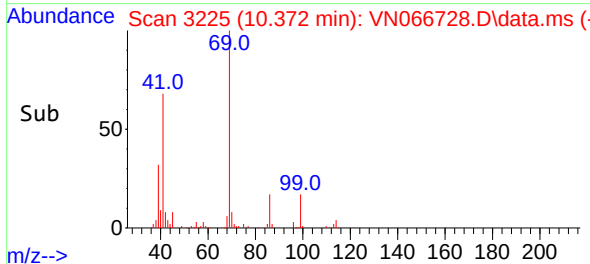
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



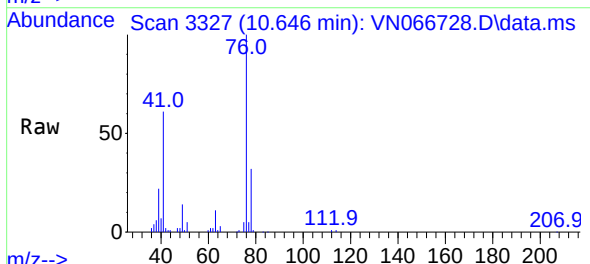
Tgt Ion: 69 Resp: 80329
Ion Ratio Lower Upper
69 100
41 67.2 34.8 104.5
39 32.2 22.5 67.5

Manual Integrations
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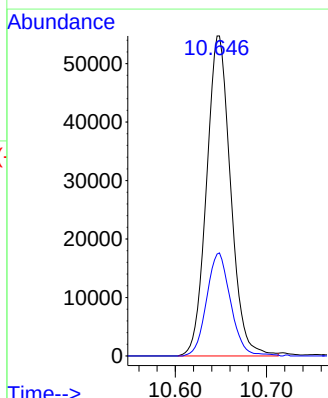
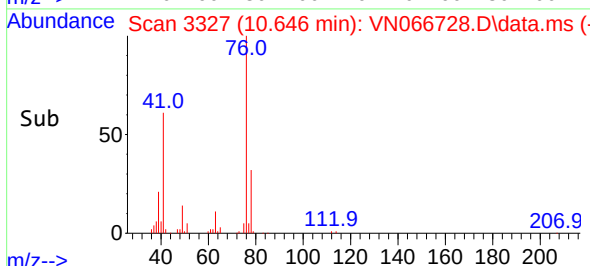
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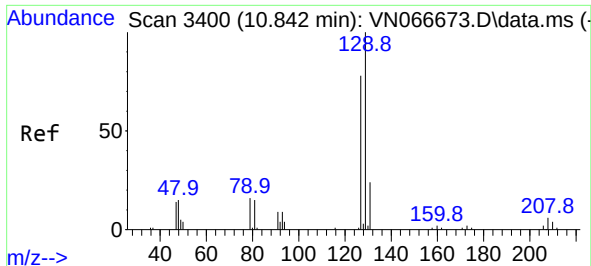


#52
1,3-Dichloropropane
Concen: 18.33 ug/l
RT: 10.646 min Scan# 3327
Delta R.T. -0.000 min
Lab File: VN066728.D
Acq: 22 Apr 2021 20:33



Tgt Ion: 76 Resp: 100306
Ion Ratio Lower Upper
76 100
78 31.7 0.0 65.6





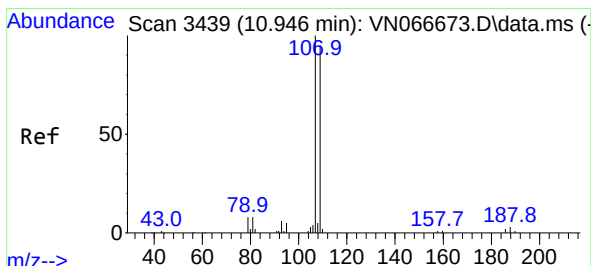
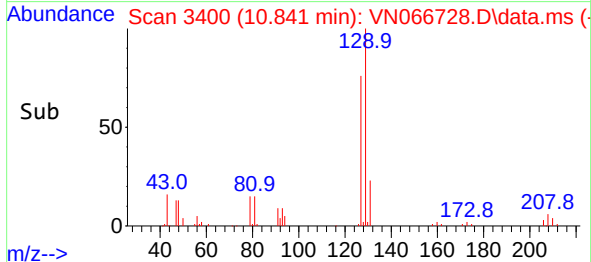
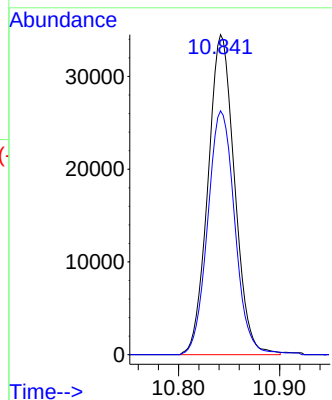
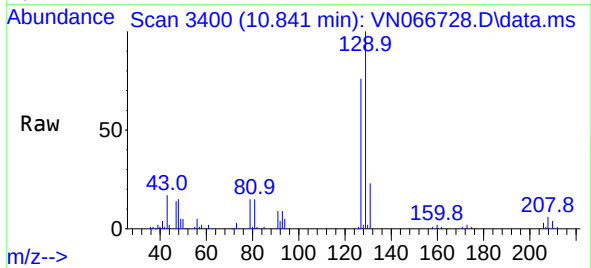
#53
Dibromochloromethane
Concen: 18.19 ug/l
RT: 10.841 min Scan# 3400
Delta R.T. -0.001 min
Lab File: VN066728.D
Acq: 22 Apr 2021 20:33

Tgt Ion:129 Resp: 63210
Ion Ratio Lower Upper
129 100
127 77.8 38.6 115.7

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

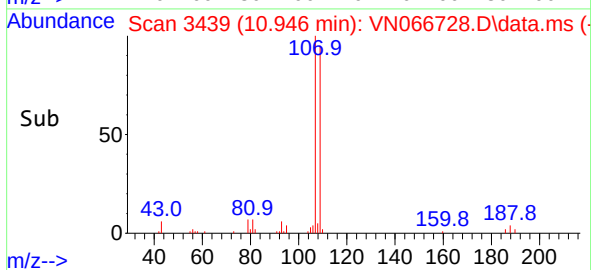
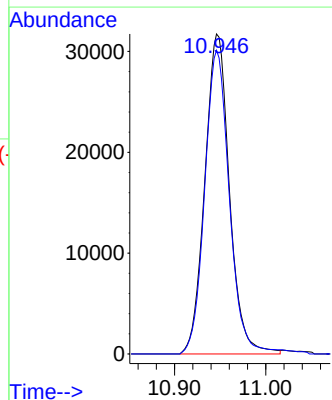
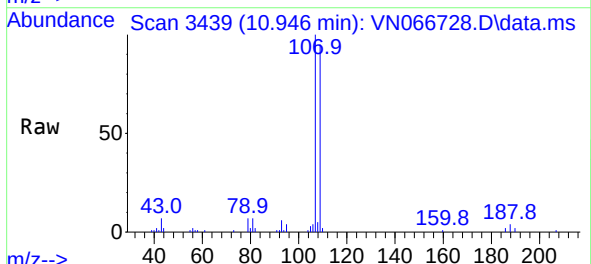
Manual Integrations
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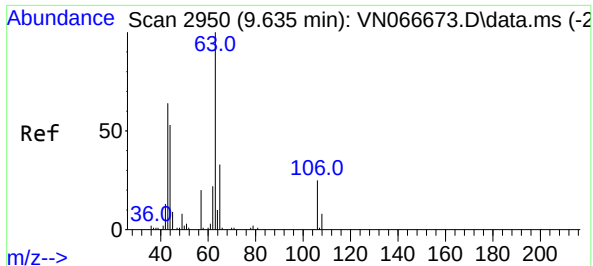
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#54
1,2-Dibromoethane
Concen: 18.48 ug/l
RT: 10.946 min Scan# 3439
Delta R.T. 0.000 min
Lab File: VN066728.D
Acq: 22 Apr 2021 20:33

Tgt Ion:107 Resp: 59556
Ion Ratio Lower Upper
107 100
109 94.7 75.8 113.6





#55
2-Chloroethyl vinyl ether
Concen: 147.52 ug/l
RT: 9.632 min Scan# 2949
Delta R.T. -0.003 min
Lab File: VN066728.D
Acq: 22 Apr 2021 20:33

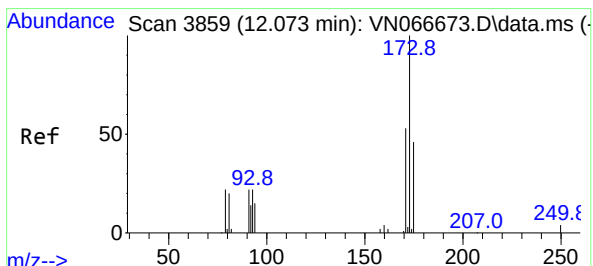
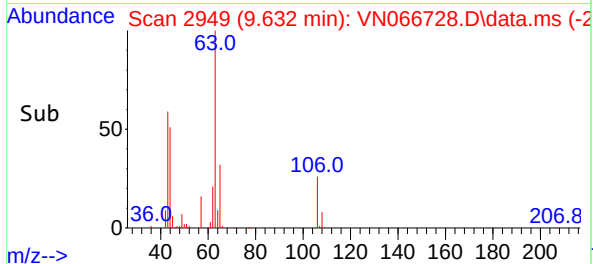
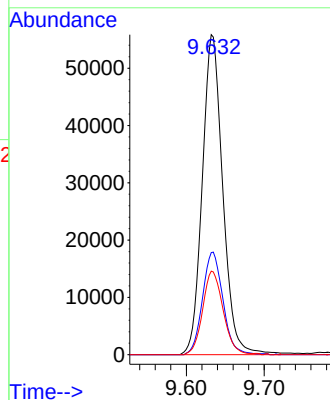
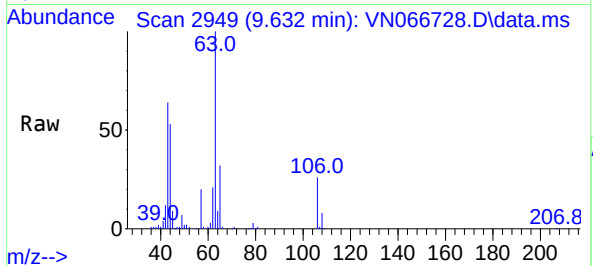
Tgt Ion: 63 Resp: 102407

Ion	Ratio	Lower	Upper
63	100		
65	31.8	26.0	39.0
106	26.0	20.6	31.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Manual Integrations
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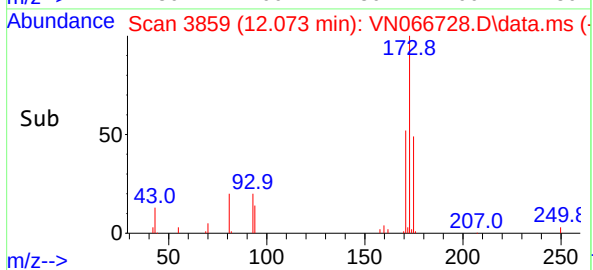
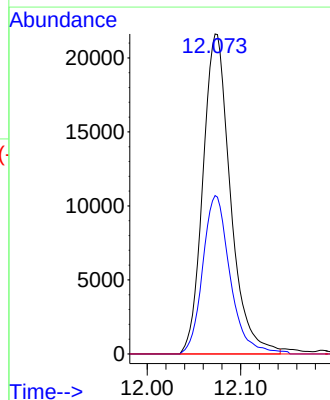
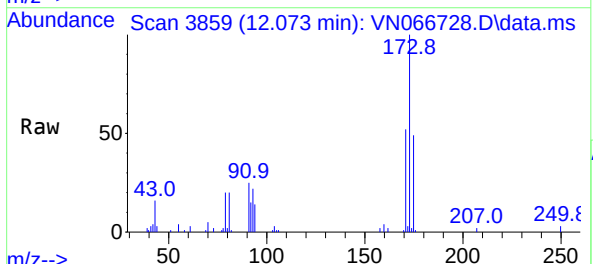
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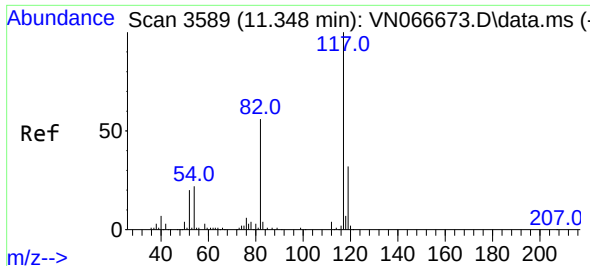


#56
Bromoform
Concen: 17.64 ug/l
RT: 12.073 min Scan# 3859
Delta R.T. -0.000 min
Lab File: VN066728.D
Acq: 22 Apr 2021 20:33

Tgt Ion: 173 Resp: 44214

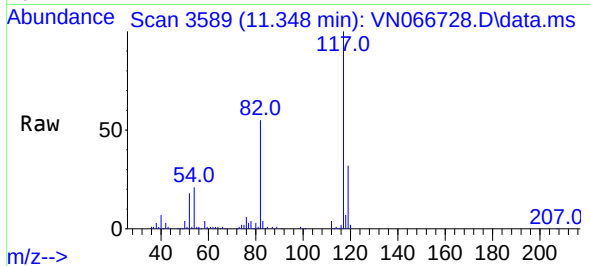
Ion	Ratio	Lower	Upper
173	100		
175	49.3	38.3	57.5
254	0.0	0.0	0.0





#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.348 min Scan# 3589
Delta R.T. 0.000 min
Lab File: VN066728.D
Acq: 22 Apr 2021 20:33

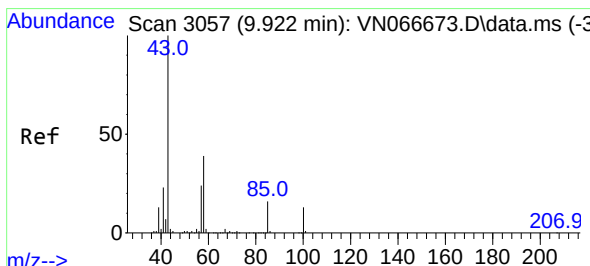
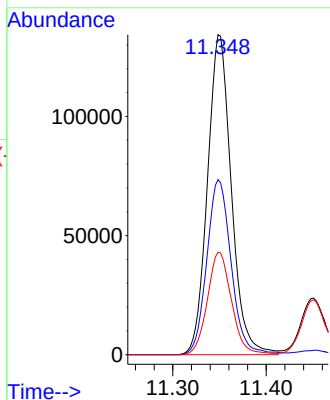
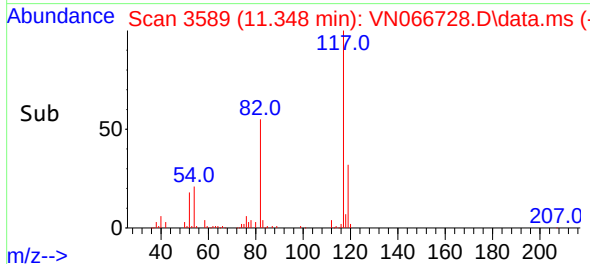
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



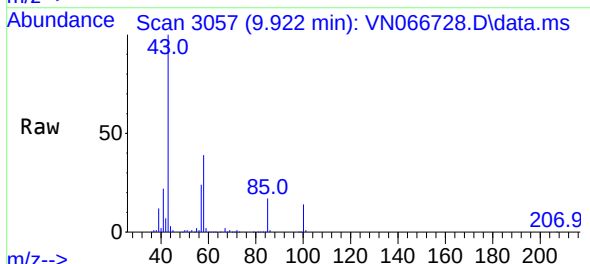
Tgt Ion: 117 Resp: 239039
Ion Ratio Lower Upper
117 100
82 55.6 45.0 67.6
119 32.3 25.5 38.3

Manual Integrations
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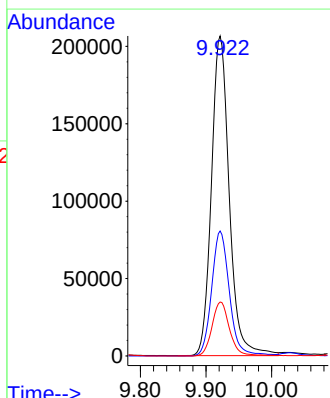
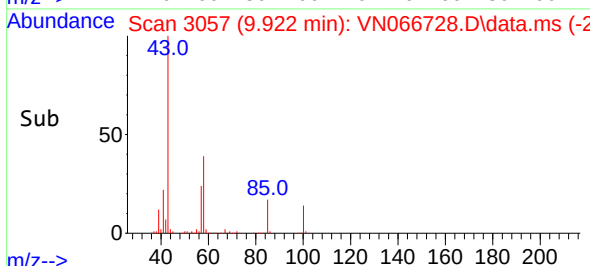
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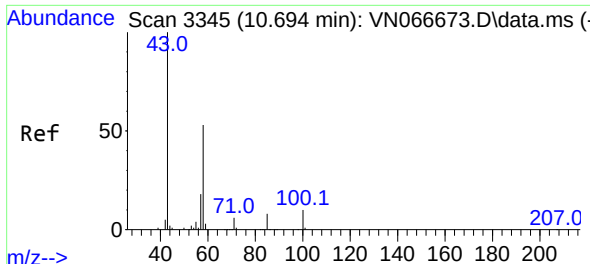


#58
4-Methyl-2-Pentanone
Concen: 95.78 ug/l
RT: 9.922 min Scan# 3057
Delta R.T. -0.000 min
Lab File: VN066728.D
Acq: 22 Apr 2021 20:33



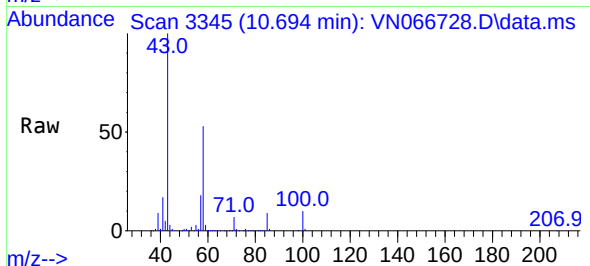
Tgt Ion: 43 Resp: 389949
Ion Ratio Lower Upper
43 100
58 39.0 30.4 45.6
85 16.5 13.8 20.8





#59
2-Hexanone
Concen: 92.14 ug/l
RT: 10.694 min Scan# 3345
Delta R.T. -0.000 min
Lab File: VN066728.D
Acq: 22 Apr 2021 20:33

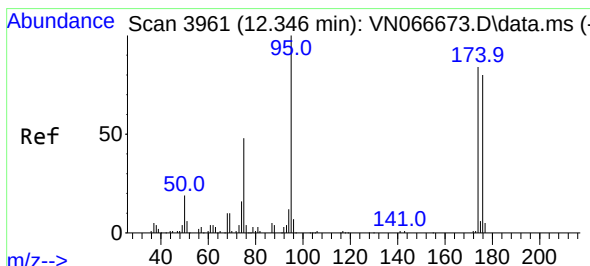
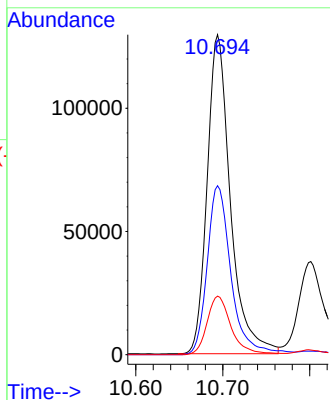
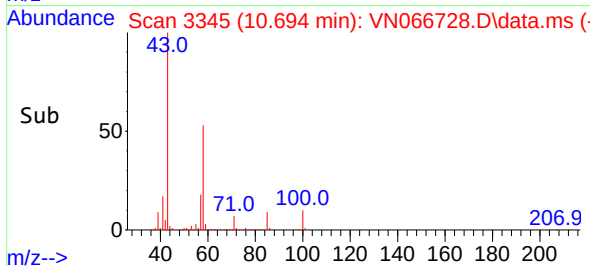
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



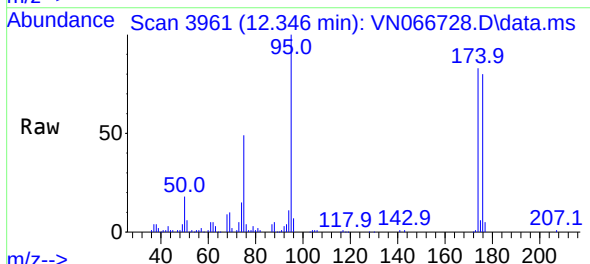
Tgt Ion: 43 Resp: 241146
Ion Ratio Lower Upper
43 100
58 53.9 41.8 62.6
57 19.2 14.9 22.3

Manual Integrations
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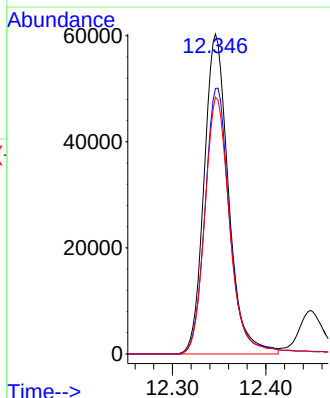
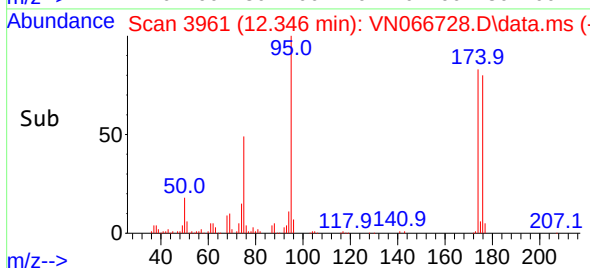
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4/23/2021 1:16:03 PM

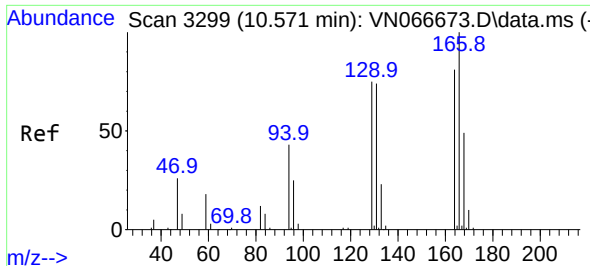


#60
4-Bromofluorobenzene
Concen: 29.22 ug/l
RT: 12.346 min Scan# 3961
Delta R.T. 0.000 min
Lab File: VN066728.D
Acq: 22 Apr 2021 20:33

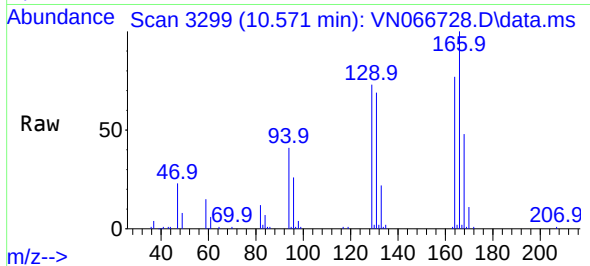


Tgt Ion: 95 Resp: 109489
Ion Ratio Lower Upper
95 100
174 84.3 68.1 102.1
176 80.9 65.4 98.0

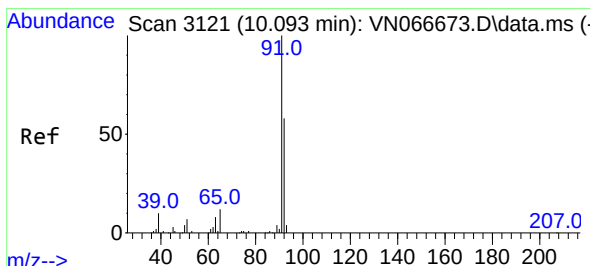
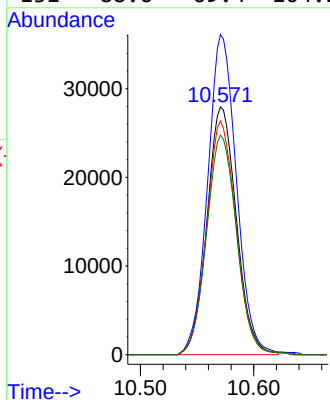
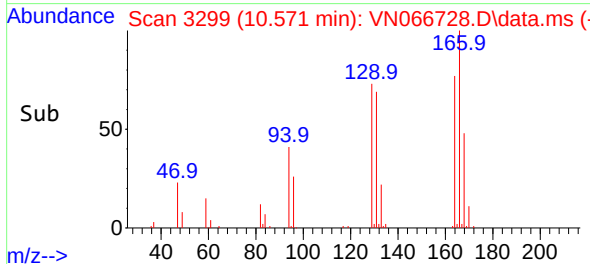




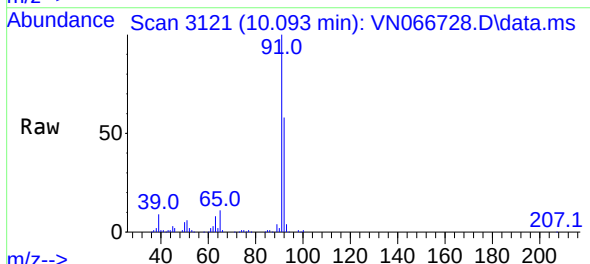
#61
Tetrachloroethene
Concen: 19.14 ug/l
RT: 10.571 min Scan# 3299
Delta R.T. -0.000 min
Lab File: VN066728.D
Acq: 22 Apr 2021 20:33



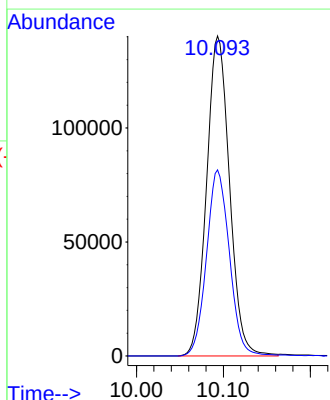
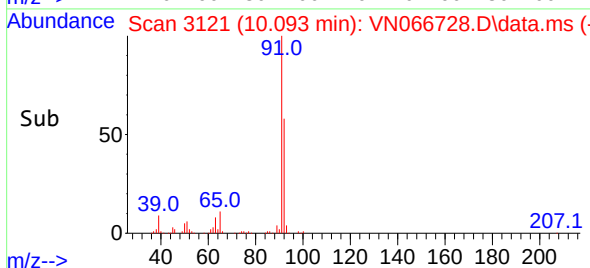
Tgt Ion:164 Resp: 50514
Ion Ratio Lower Upper
164 100
166 129.1 100.5 150.7
129 94.3 74.7 112.1
131 88.6 69.4 104.2



#62
Toluene
Concen: 18.95 ug/l
RT: 10.093 min Scan# 3121
Delta R.T. 0.000 min
Lab File: VN066728.D
Acq: 22 Apr 2021 20:33



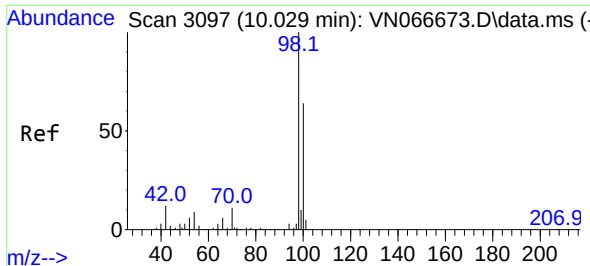
Tgt Ion: 91 Resp: 257166
Ion Ratio Lower Upper
91 100
92 58.1 46.2 69.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

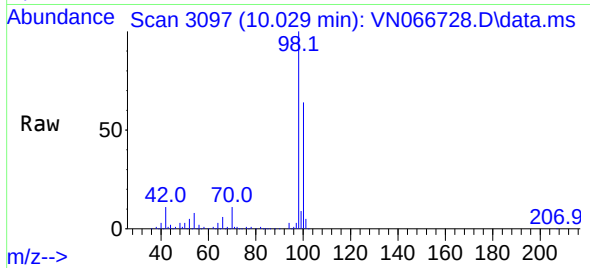
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#63
Toluene-d8
Concen: 30.78 ug/l
RT: 10.029 min Scan# 3097
Delta R.T. -0.000 min
Lab File: VN066728.D
Acq: 22 Apr 2021 20:33

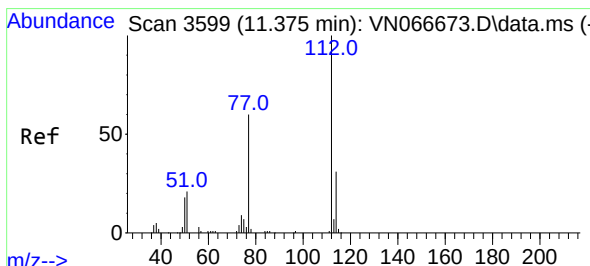
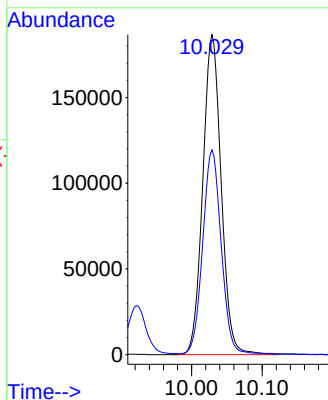
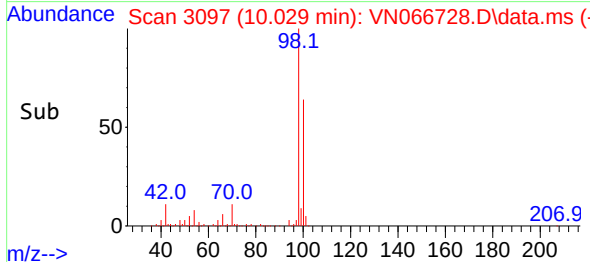
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



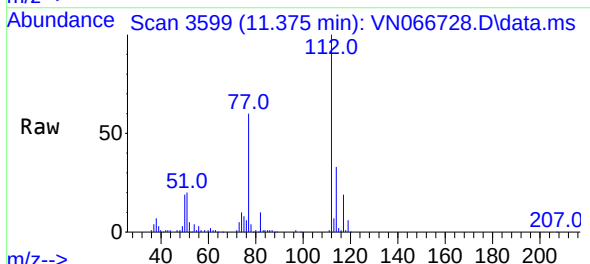
Tgt Ion: 98 Resp: 338548
Ion Ratio Lower Upper
98 100
100 64.7 51.1 76.7

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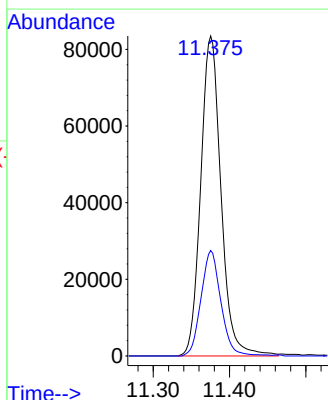
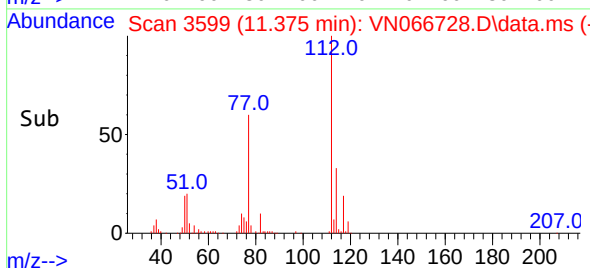
MMDadoda
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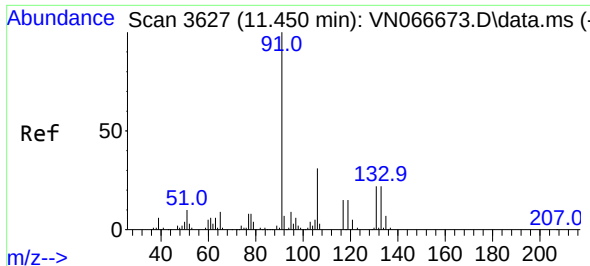


#64
Chlorobenzene
Concen: 18.98 ug/l
RT: 11.375 min Scan# 3599
Delta R.T. 0.000 min
Lab File: VN066728.D
Acq: 22 Apr 2021 20:33



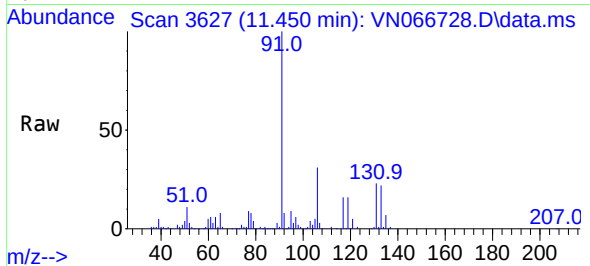
Tgt Ion:112 Resp: 154034
Ion Ratio Lower Upper
112 100
114 33.0 25.6 38.4





#65
1,1,1,2-Tetrachloroethane
Concen: 19.42 ug/l
RT: 11.450 min Scan# 3627
Delta R.T. 0.000 min
Lab File: VN066728.D
Acq: 22 Apr 2021 20:33

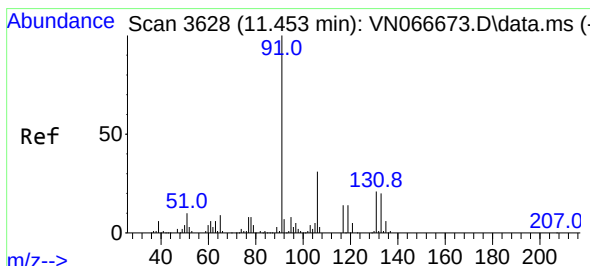
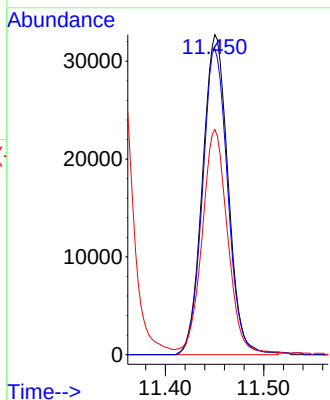
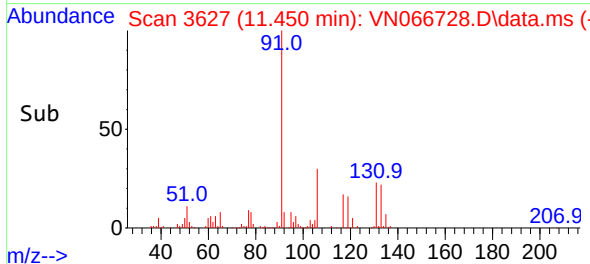
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



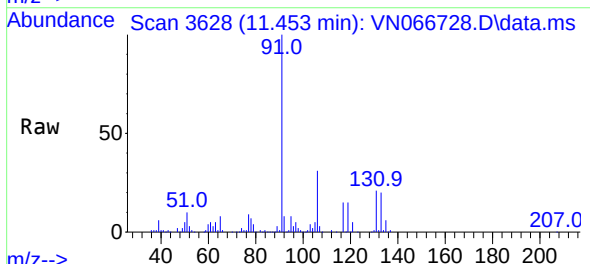
Tgt Ion:131 Resp: 59156
Ion Ratio Lower Upper
131 100
133 94.6 0.0 188.4
119 67.7 0.0 134.4

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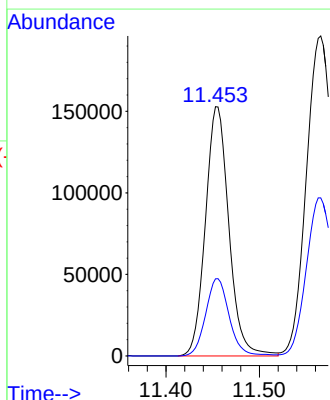
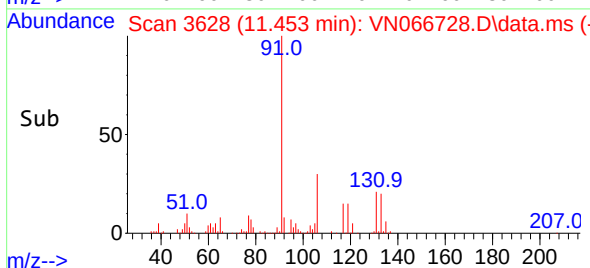
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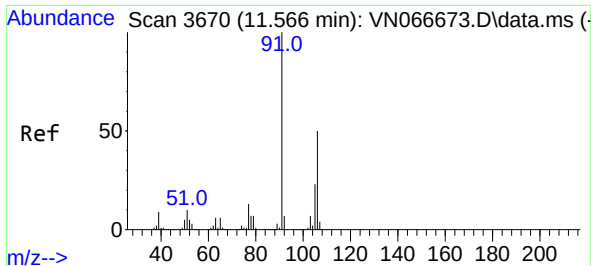


#66
Ethyl Benzene
Concen: 18.40 ug/l
RT: 11.453 min Scan# 3628
Delta R.T. -0.000 min
Lab File: VN066728.D
Acq: 22 Apr 2021 20:33



Tgt Ion: 91 Resp: 266721
Ion Ratio Lower Upper
91 100
106 30.9 25.5 38.3





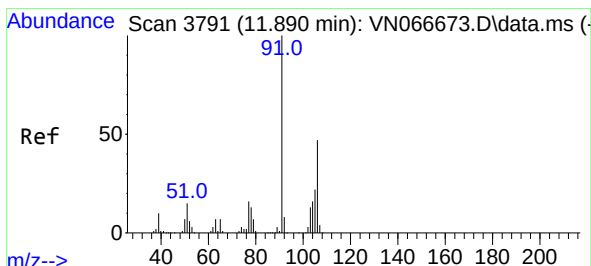
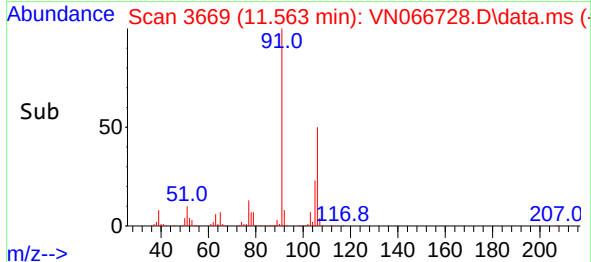
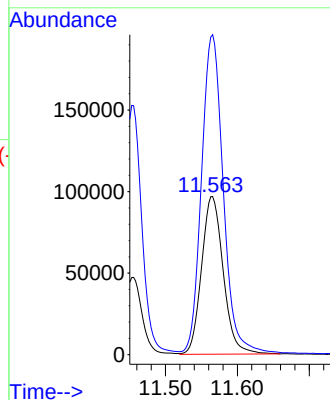
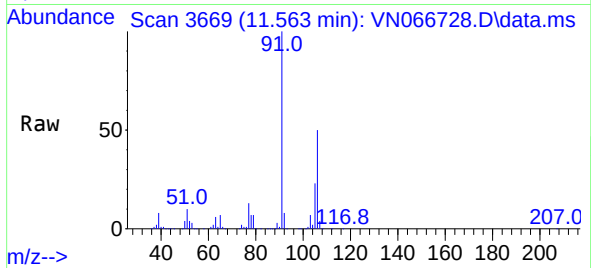
#67
m/p-Xylenes
Concen: 37.27 ug/l
RT: 11.563 min Scan# 3669
Delta R.T. -0.003 min
Lab File: VN066728.D
Acq: 22 Apr 2021 20:33

Tgt Ion:106 Resp: 202836
Ion Ratio Lower Upper
106 100
91 202.3 164.8 247.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

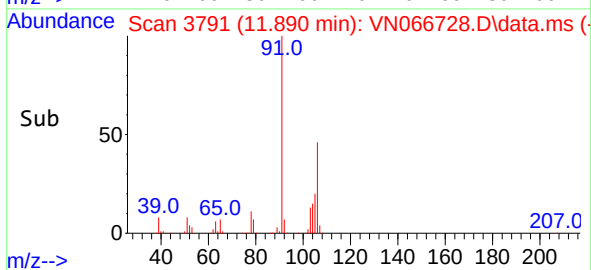
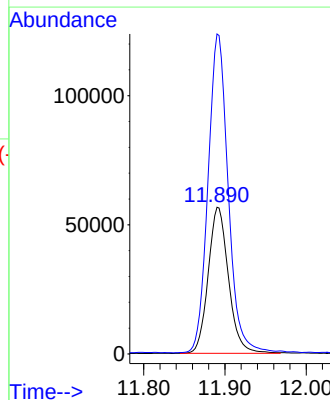
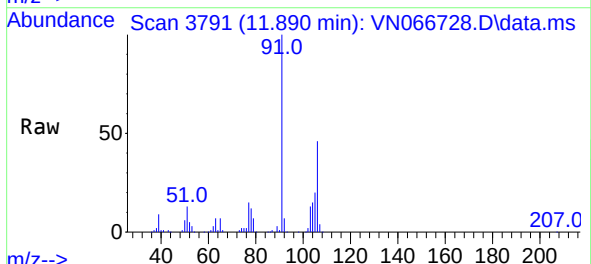
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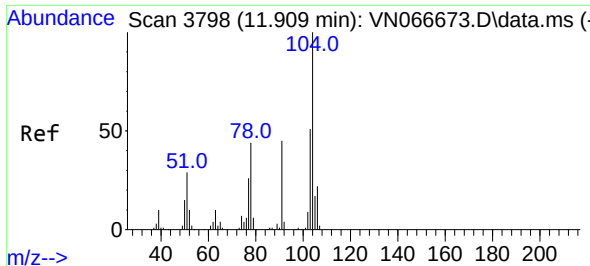
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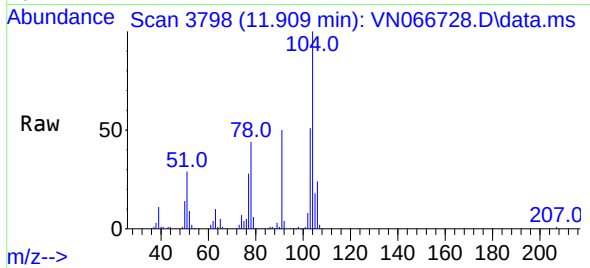
#68
o-Xylene
Concen: 18.57 ug/l
RT: 11.890 min Scan# 3791
Delta R.T. 0.000 min
Lab File: VN066728.D
Acq: 22 Apr 2021 20:33

Tgt Ion:106 Resp: 97991
Ion Ratio Lower Upper
106 100
91 215.8 107.1 321.4

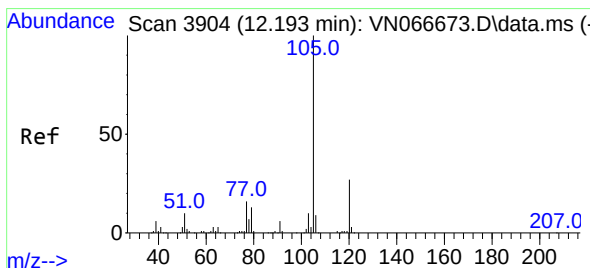
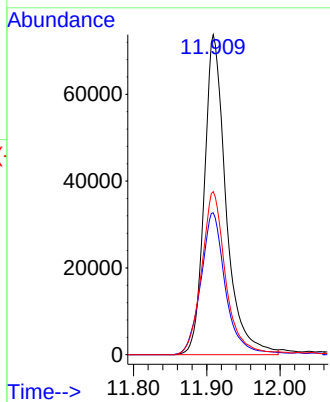
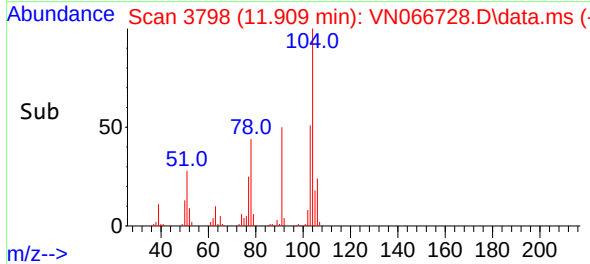




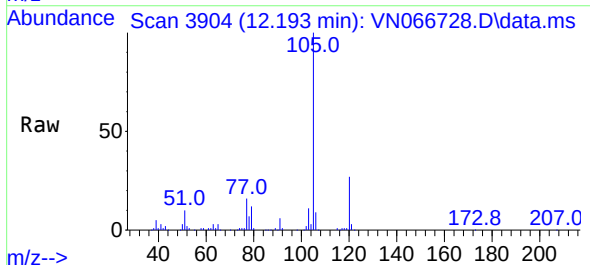
#69
Styrene
Concen: 17.92 ug/l
RT: 11.909 min Scan# 3798
Delta R.T. -0.000 min
Lab File: VN066728.D
Acq: 22 Apr 2021 20:33



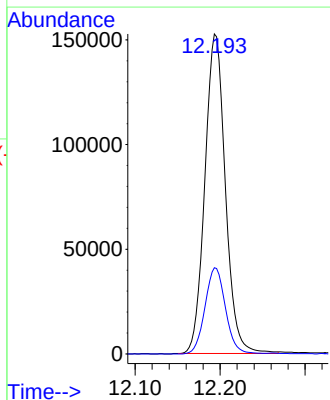
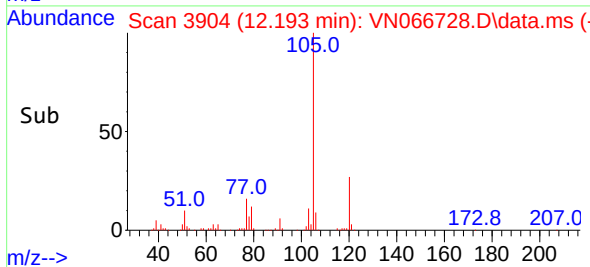
Tgt Ion:104 Resp: 152086
Ion Ratio Lower Upper
104 100
78 50.3 41.0 61.6
103 56.3 43.7 65.5



#70
Isopropylbenzene
Concen: 18.59 ug/l
RT: 12.193 min Scan# 3904
Delta R.T. 0.000 min
Lab File: VN066728.D
Acq: 22 Apr 2021 20:33



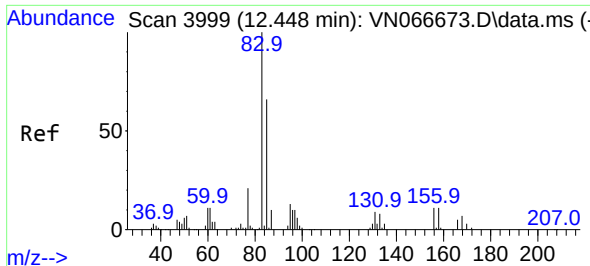
Tgt Ion:105 Resp: 256245
Ion Ratio Lower Upper
105 100
120 27.0 18.7 34.7



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

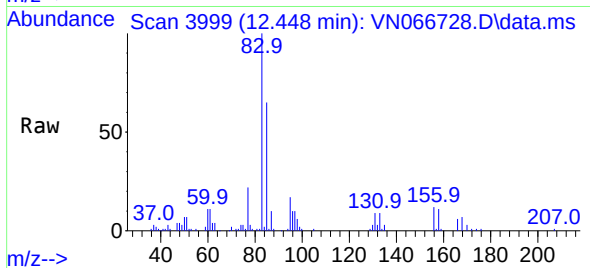
Manual Integrations
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#71
1,1,2,2-Tetrachloroethane
Concen: 20.38 ug/l
RT: 12.448 min Scan# 3999
Delta R.T. -0.000 min
Lab File: VN066728.D
Acq: 22 Apr 2021 20:33

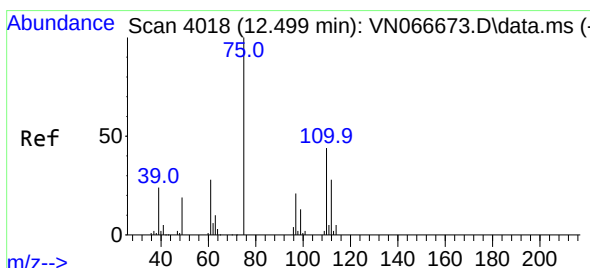
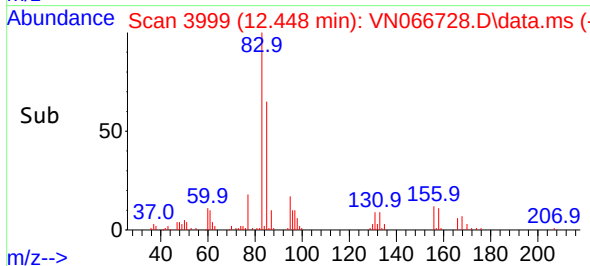
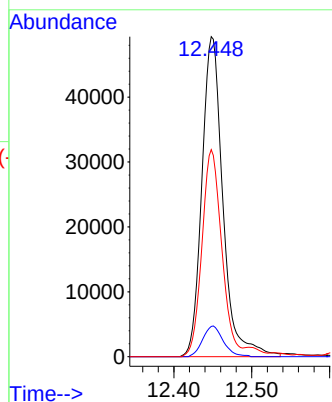
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion	Ratio	Lower	Upper
83	100		
131	9.3	4.9	14.6
85	60.7	31.4	94.2

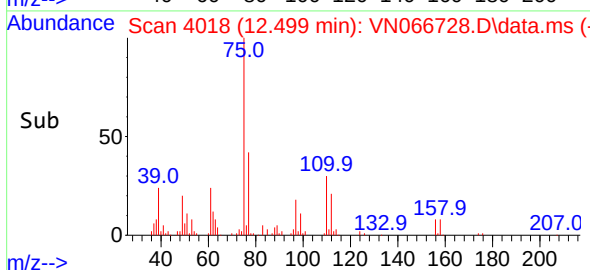
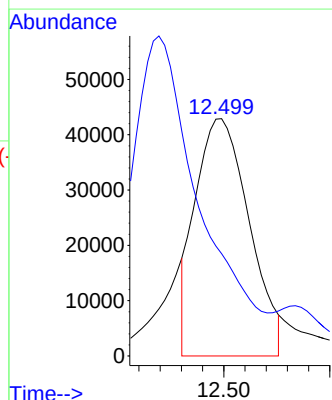
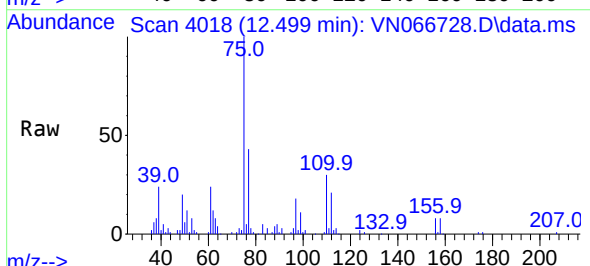
Manual Integrations
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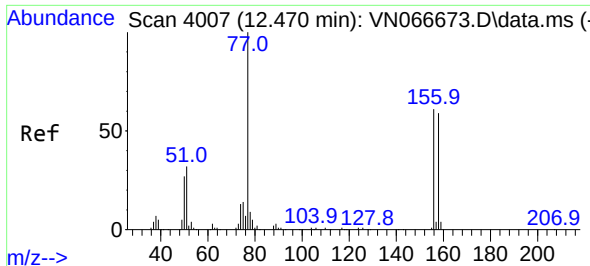
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#72
1,2,3-Trichloropropane
Concen: 19.09 ug/l m
RT: 12.499 min Scan# 4018
Delta R.T. -0.000 min
Lab File: VN066728.D
Acq: 22 Apr 2021 20:33

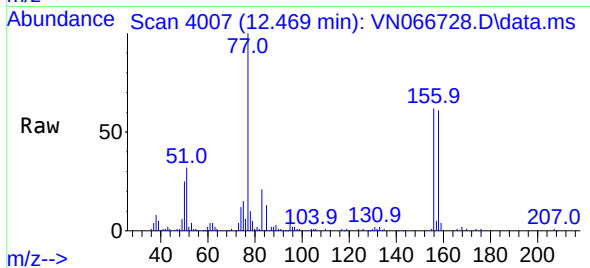
Tgt Ion	Ratio	Lower	Upper
75	100		
77	172.5	0.0	310.8





#73
Bromobenzene
Concen: 19.43 ug/l
RT: 12.469 min Scan# 4007
Delta R.T. -0.001 min
Lab File: VN066728.D
Acq: 22 Apr 2021 20:33

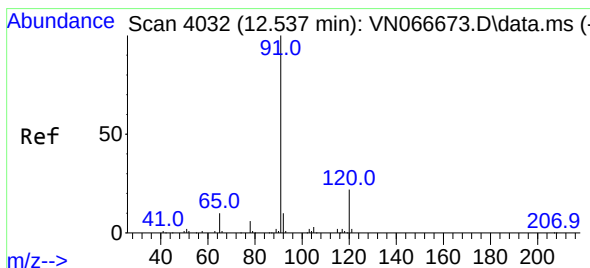
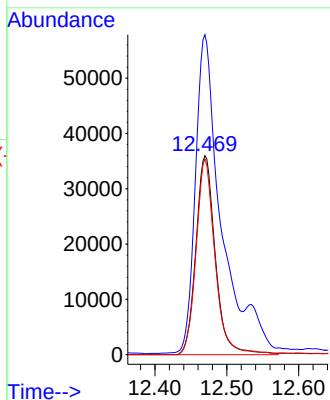
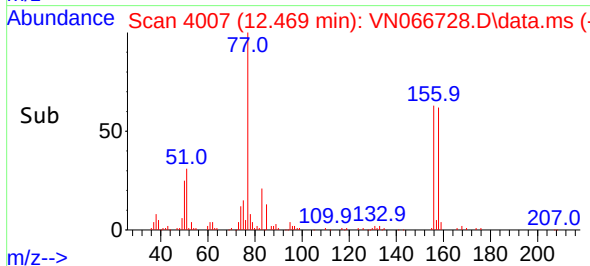
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



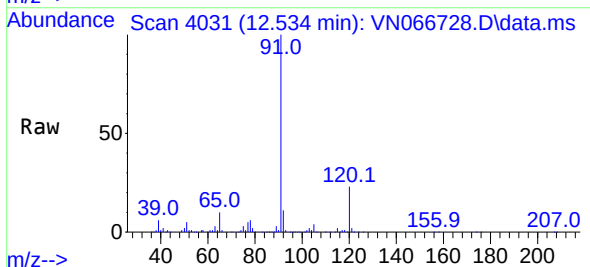
Tgt Ion:156 Resp: 67770
Ion Ratio Lower Upper
156 100
77 192.5 0.0 399.6
158 94.2 0.0 192.8

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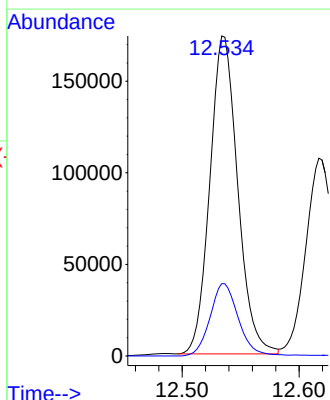
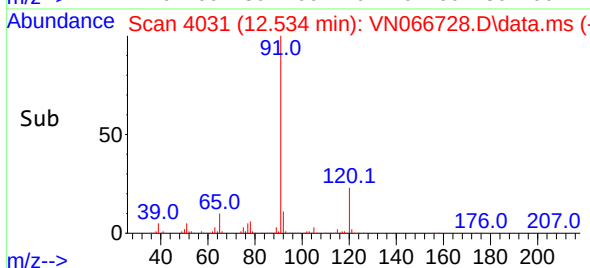
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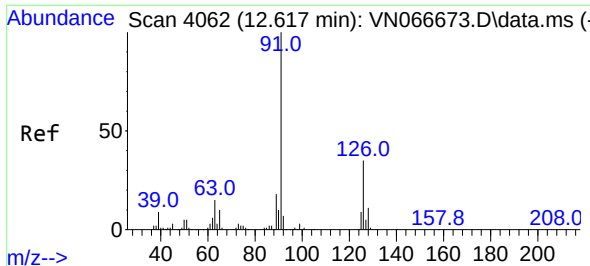


#74
n-propylbenzene
Concen: 17.97 ug/l
RT: 12.534 min Scan# 4031
Delta R.T. -0.003 min
Lab File: VN066728.D
Acq: 22 Apr 2021 20:33



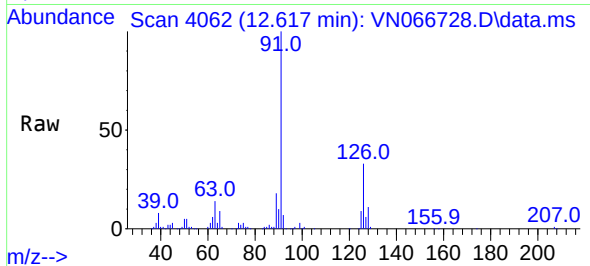
Tgt Ion: 91 Resp: 287639
Ion Ratio Lower Upper
91 100
120 23.1 0.0 45.2





#75
2-Chlorotoluene
Concen: 19.01 ug/l
RT: 12.617 min Scan# 4062
Delta R.T. -0.000 min
Lab File: VN066728.D
Acq: 22 Apr 2021 20:33

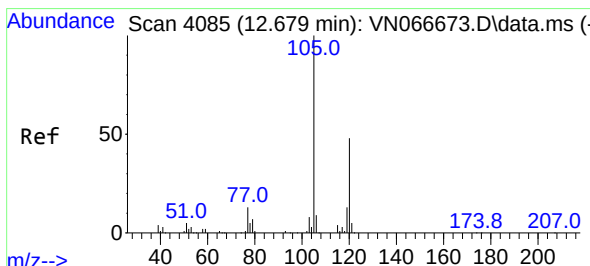
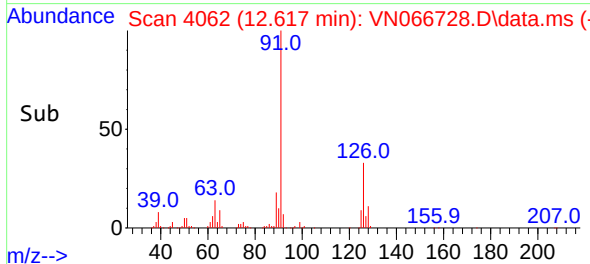
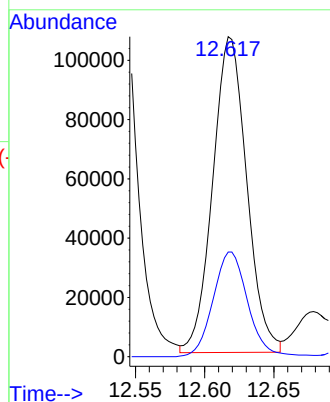
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 91 Resp: 182094
Ion Ratio Lower Upper
91 100
126 33.8 0.0 68.6

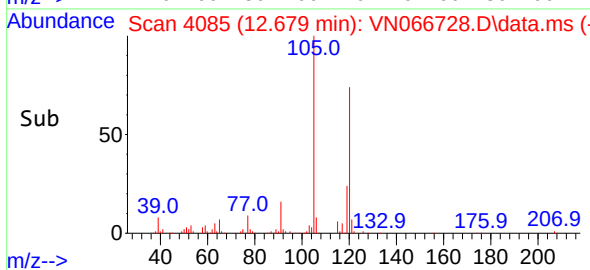
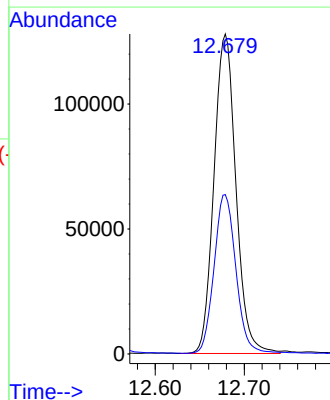
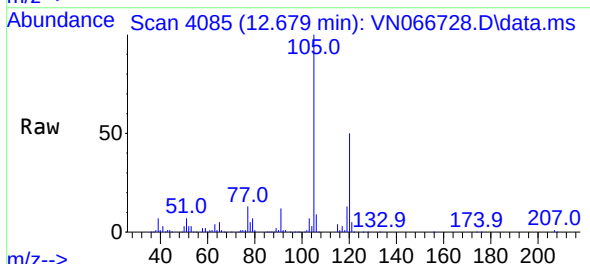
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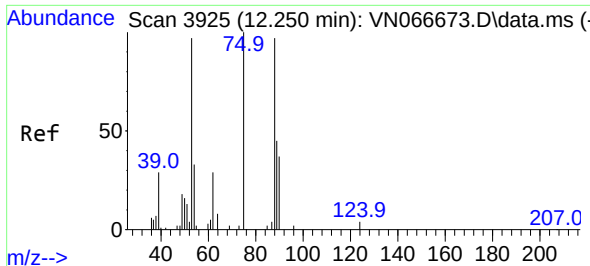
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#76
1,3,5-Trimethylbenzene
Concen: 18.77 ug/l
RT: 12.679 min Scan# 4085
Delta R.T. -0.000 min
Lab File: VN066728.D
Acq: 22 Apr 2021 20:33

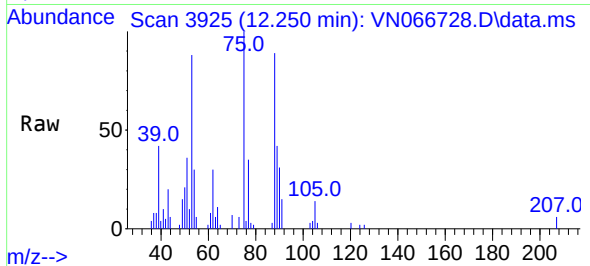
Tgt Ion: 105 Resp: 218897
Ion Ratio Lower Upper
105 100
120 49.4 0.0 98.2





#77
t-1,4-Dichloro-2-butene
Concen: 14.87 ug/l
RT: 12.250 min Scan# 3925
Delta R.T. -0.000 min
Lab File: VN066728.D
Acq: 22 Apr 2021 20:33

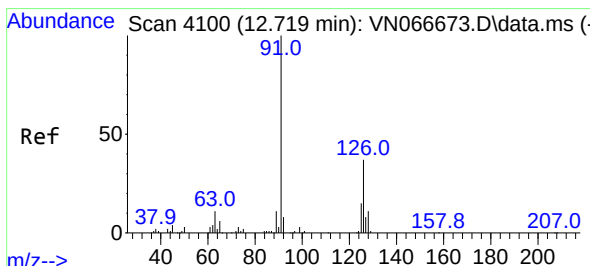
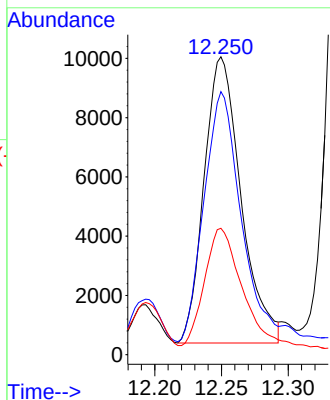
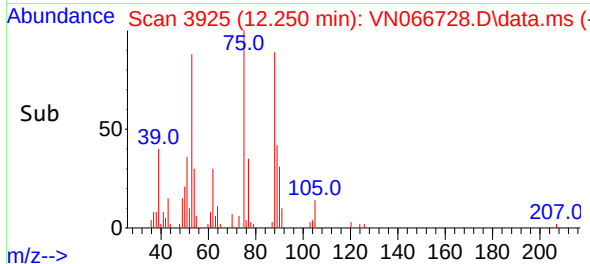
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



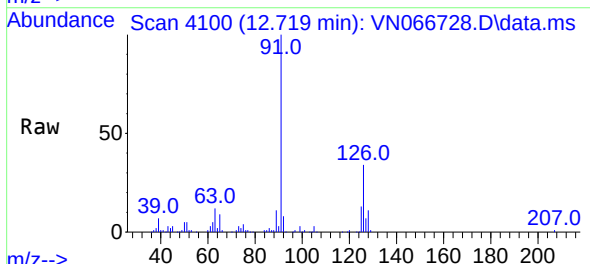
Tgt Ion	Ratio	Lower	Upper
75	100		
53	87.4	49.6	149.0
89	41.0	22.9	68.7

Manual Integrations
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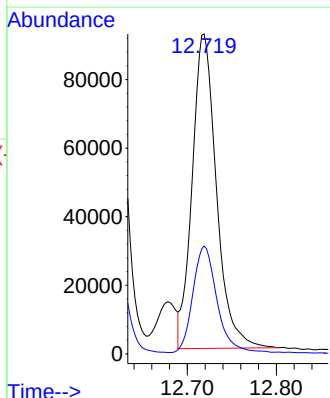
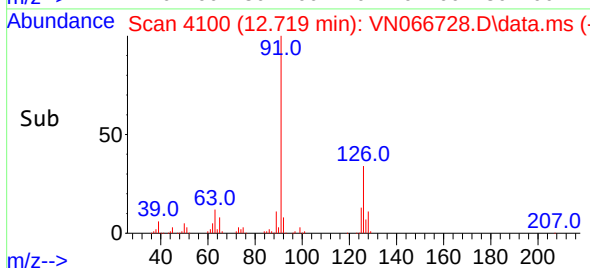
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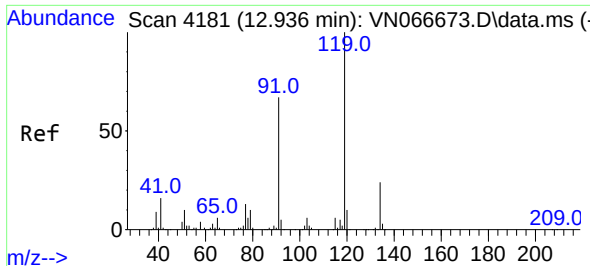


#78
4-Chlorotoluene
Concen: 18.49 ug/l
RT: 12.719 min Scan# 4100
Delta R.T. -0.000 min
Lab File: VN066728.D
Acq: 22 Apr 2021 20:33



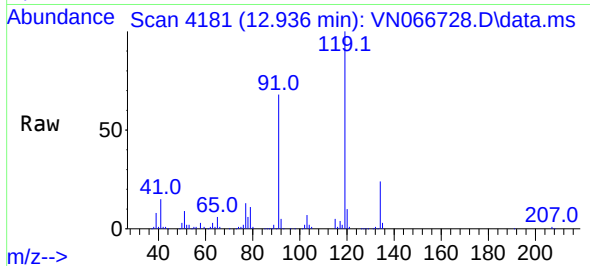
Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.8	0.0	65.4





#79
tert-butylbenzene
Concen: 18.79 ug/l
RT: 12.936 min Scan# 4181
Delta R.T. 0.000 min
Lab File: VN066728.D
Acq: 22 Apr 2021 20:33

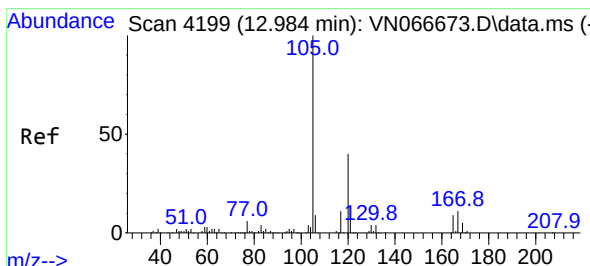
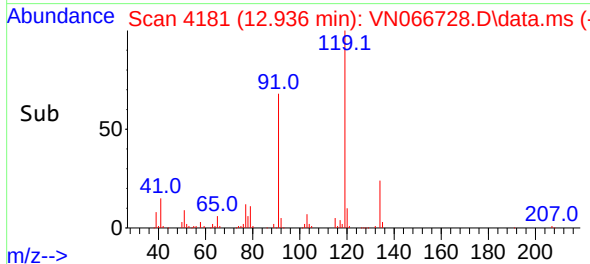
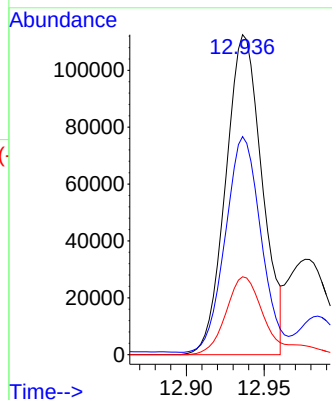
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



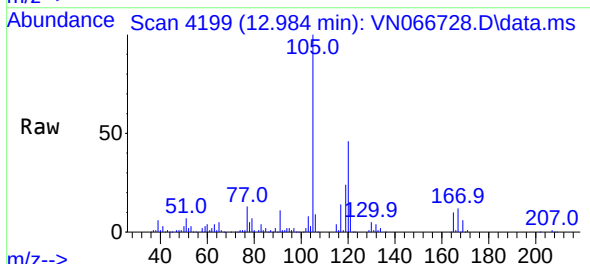
Tgt Ion:119 Resp: 183394
Ion Ratio Lower Upper
119 100
91 65.9 0.0 133.4
134 26.8 0.0 51.0

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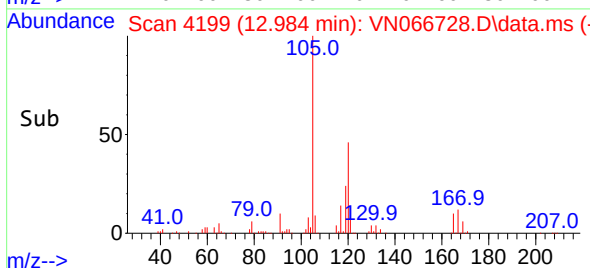
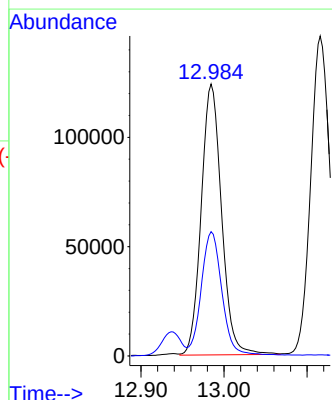
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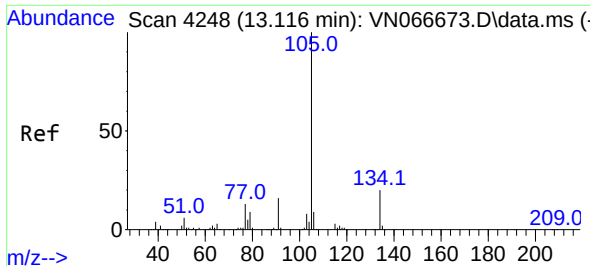


#80
1,2,4-Trimethylbenzene
Concen: 18.87 ug/l
RT: 12.984 min Scan# 4199
Delta R.T. 0.000 min
Lab File: VN066728.D
Acq: 22 Apr 2021 20:33



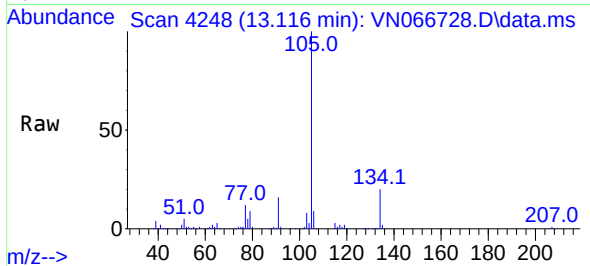
Tgt Ion:105 Resp: 210994
Ion Ratio Lower Upper
105 100
120 45.1 0.0 90.6





#81
 sec-Butylbenzene
 Concen: 18.58 ug/l
 RT: 13.116 min Scan# 4248
 Delta R.T. -0.000 min
 Lab File: VN066728.D
 Acq: 22 Apr 2021 20:33

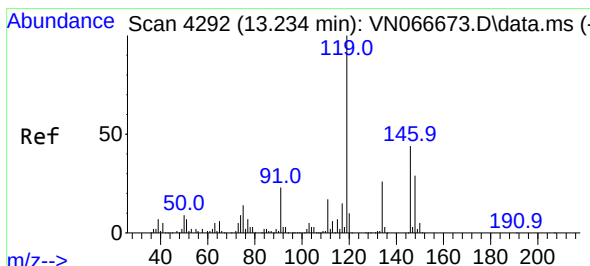
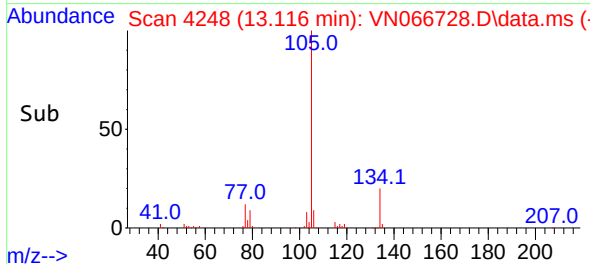
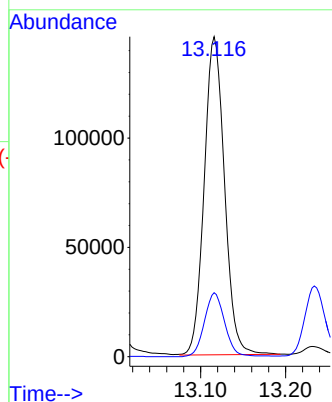
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC



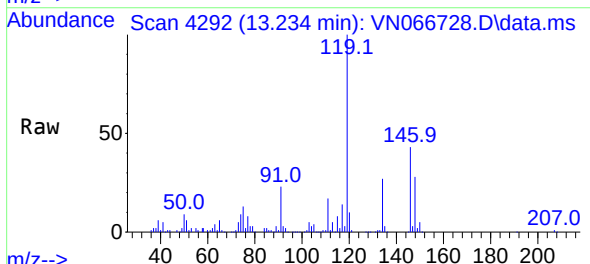
Tgt Ion:105 Resp: 241402
 Ion Ratio Lower Upper
 105 100
 134 20.0 0.0 40.0

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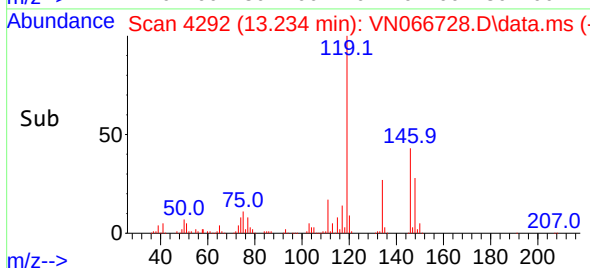
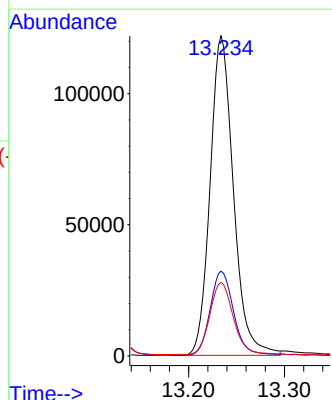
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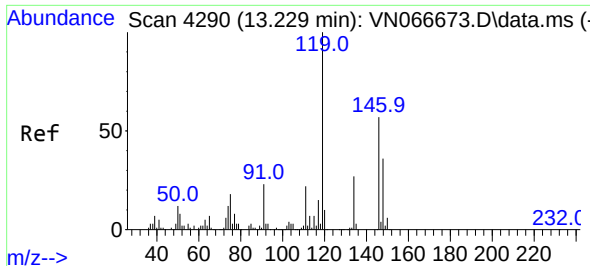


#82
 p-Isopropyltoluene
 Concen: 18.54 ug/l
 RT: 13.234 min Scan# 4292
 Delta R.T. -0.000 min
 Lab File: VN066728.D
 Acq: 22 Apr 2021 20:33



Tgt Ion:119 Resp: 206063
 Ion Ratio Lower Upper
 119 100
 134 26.2 0.0 53.4
 91 22.6 0.0 47.6





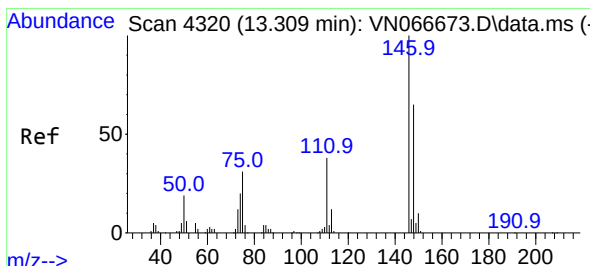
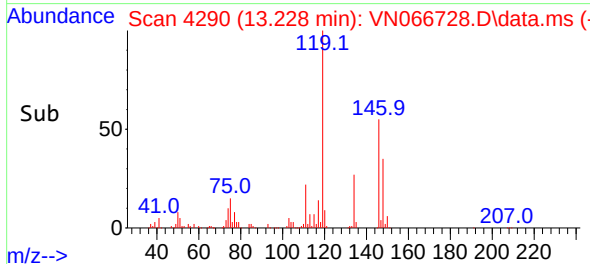
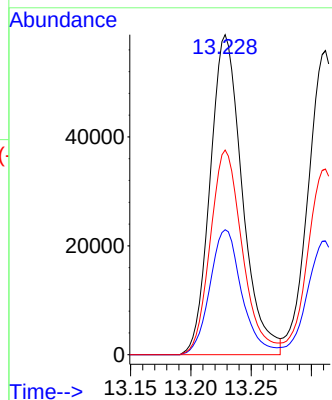
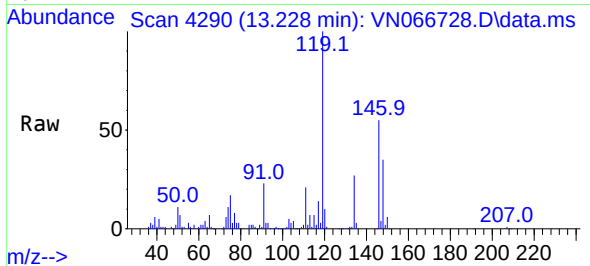
#83
1,3-Dichlorobenzene
Concen: 18.79 ug/l
RT: 13.228 min Scan# 4290
Delta R.T. -0.001 min
Lab File: VN066728.D
Acq: 22 Apr 2021 20:33

Tgt Ion:146 Resp: 108808
Ion Ratio Lower Upper
146 100
111 38.8 19.3 57.9
148 64.0 31.9 95.9

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

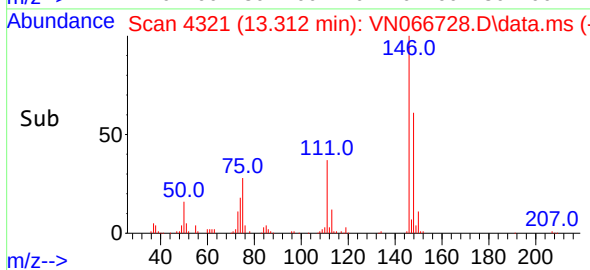
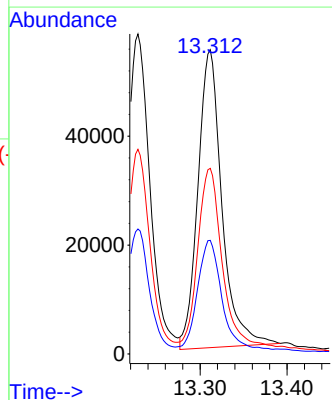
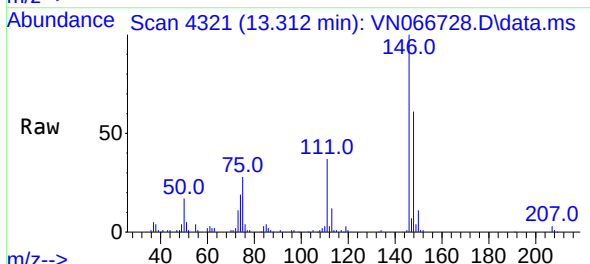
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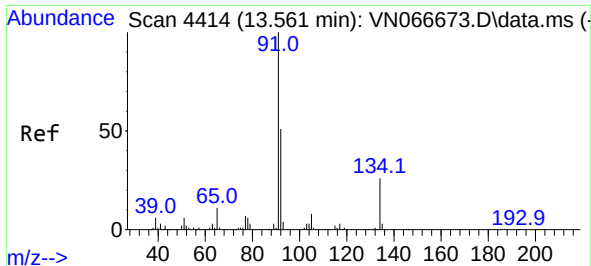
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#84
1,4-Dichlorobenzene
Concen: 18.80 ug/l
RT: 13.312 min Scan# 4321
Delta R.T. 0.003 min
Lab File: VN066728.D
Acq: 22 Apr 2021 20:33

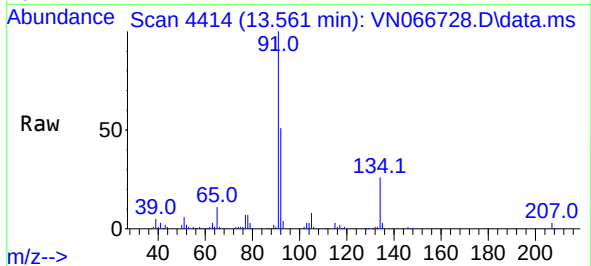
Tgt Ion:146 Resp: 105091
Ion Ratio Lower Upper
146 100
111 35.6 18.4 55.0
148 62.0 31.9 95.5





#85
n-Butylbenzene
Concen: 18.36 ug/l
RT: 13.561 min Scan# 4414
Delta R.T. 0.000 min
Lab File: VN066728.D
Acq: 22 Apr 2021 20:33

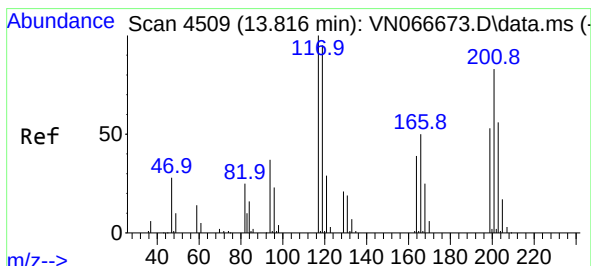
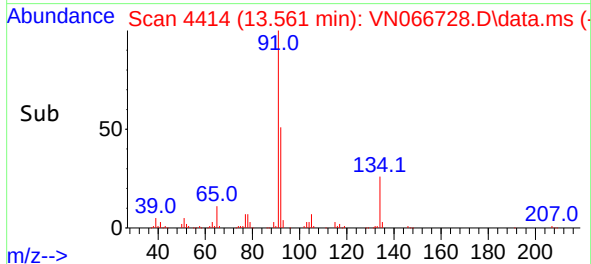
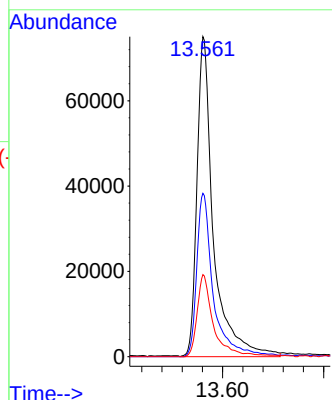
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 91 Resp: 169650
Ion Ratio Lower Upper
91 100
92 49.4 0.0 102.6
134 24.4 0.0 49.0

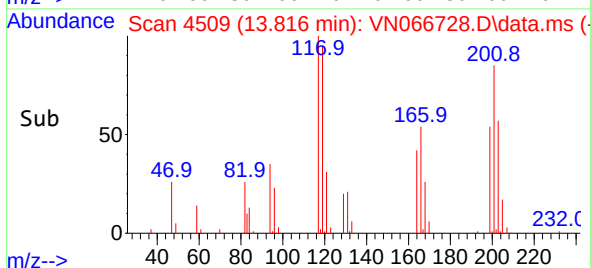
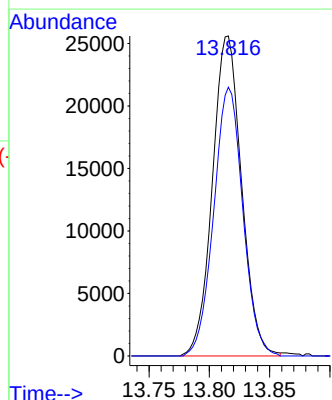
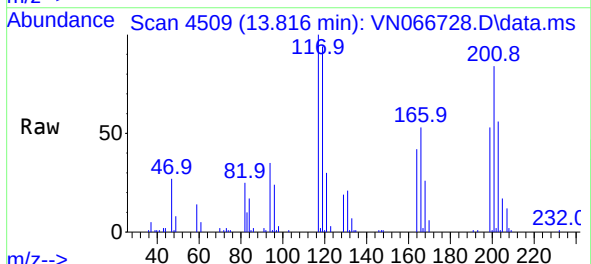
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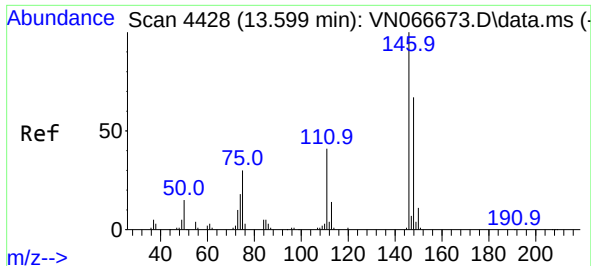
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#86
Hexachloroethane
Concen: 18.41 ug/l
RT: 13.816 min Scan# 4509
Delta R.T. -0.000 min
Lab File: VN066728.D
Acq: 22 Apr 2021 20:33

Tgt Ion: 117 Resp: 43070
Ion Ratio Lower Upper
117 100
201 83.8 43.3 129.8





#87

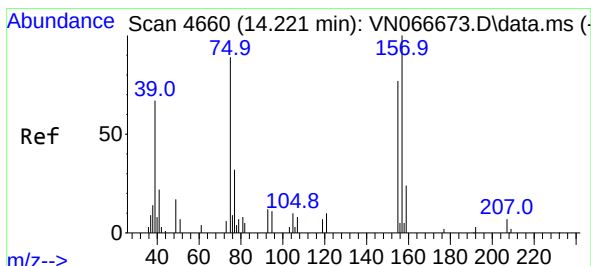
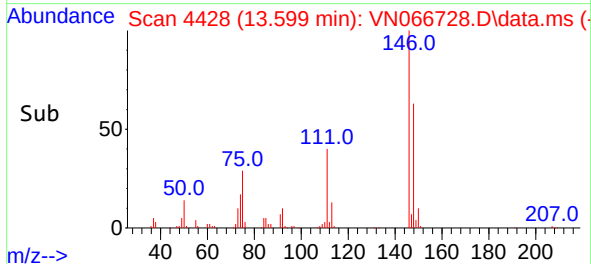
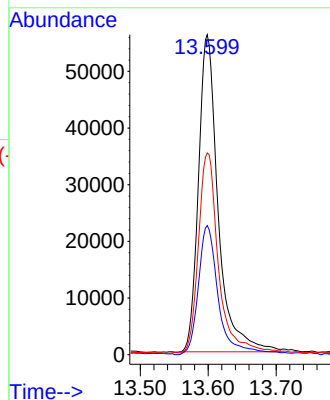
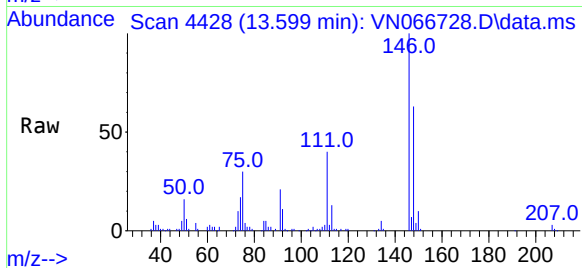
1,2-Dichlorobenzene
Concen: 19.79 ug/l
RT: 13.599 min Scan# 4428
Delta R.T. -0.000 min
Lab File: VN066728.D
Acq: 22 Apr 2021 20:33

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.5	20.3	60.9
148	61.6	32.0	96.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

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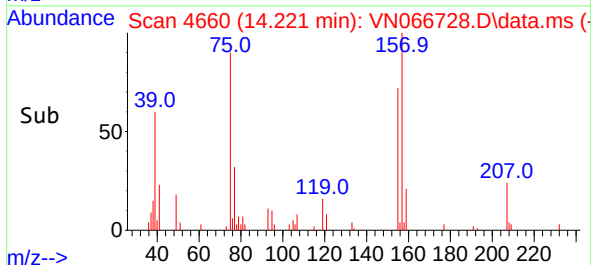
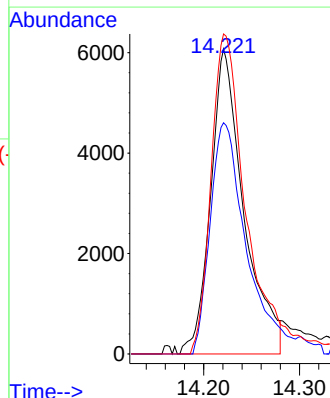
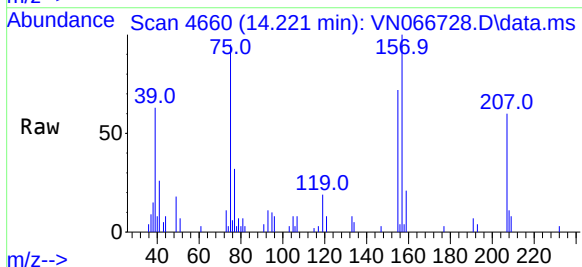
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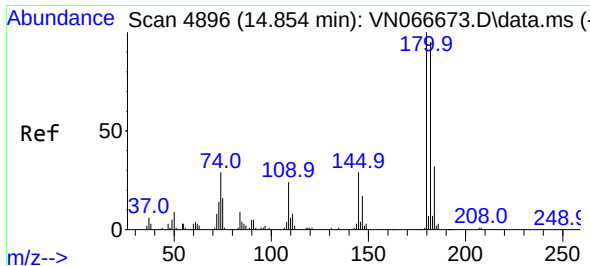


#88

1,2-Dibromo-3-Chloropropane
Concen: 18.66 ug/l
RT: 14.221 min Scan# 4660
Delta R.T. -0.000 min
Lab File: VN066728.D
Acq: 22 Apr 2021 20:33

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.9	68.3	102.5
157	109.3	87.8	131.6





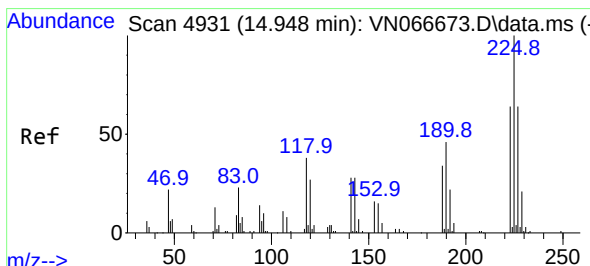
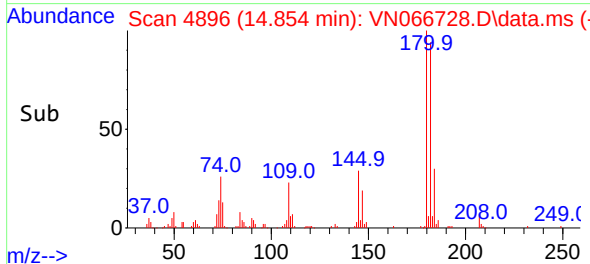
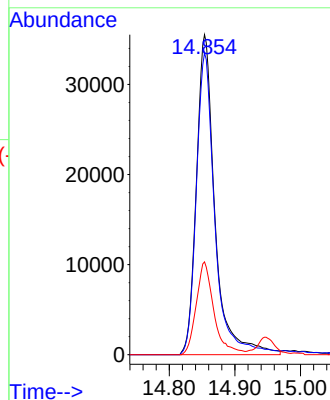
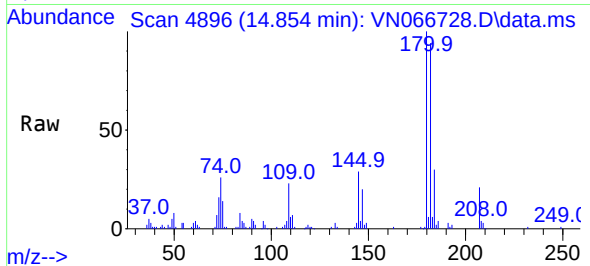
#89
1,2,4-Trichlorobenzene
Concen: 21.20 ug/l
RT: 14.854 min Scan# 4896
Delta R.T. -0.000 min
Lab File: VN066728.D
Acq: 22 Apr 2021 20:33

Tgt Ion:180 Resp: 69688
Ion Ratio Lower Upper
180 100
182 93.5 74.3 111.5
145 27.8 23.4 35.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

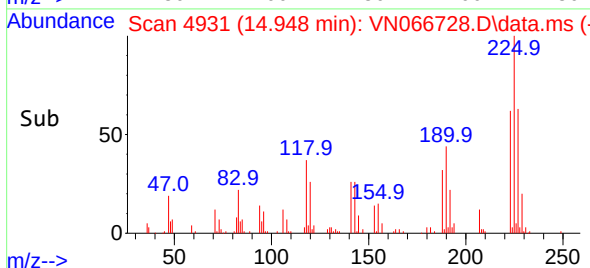
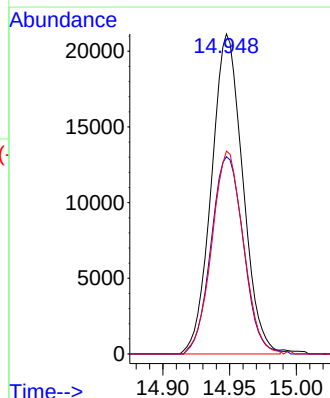
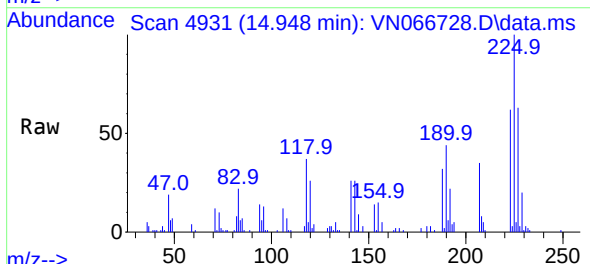
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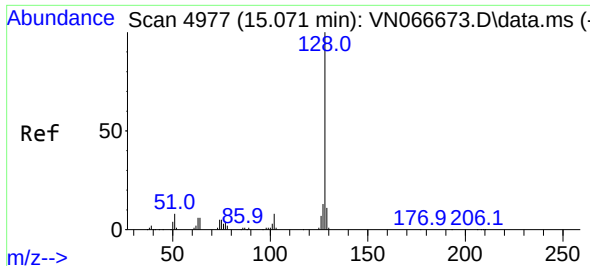
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#90
Hexachlorobutadiene
Concen: 18.71 ug/l
RT: 14.948 min Scan# 4931
Delta R.T. -0.000 min
Lab File: VN066728.D
Acq: 22 Apr 2021 20:33

Tgt Ion:225 Resp: 34452
Ion Ratio Lower Upper
225 100
223 63.9 0.0 124.6
227 63.7 0.0 126.6





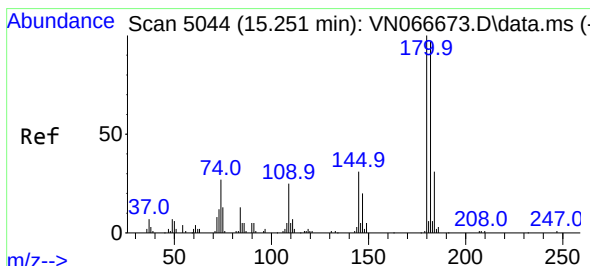
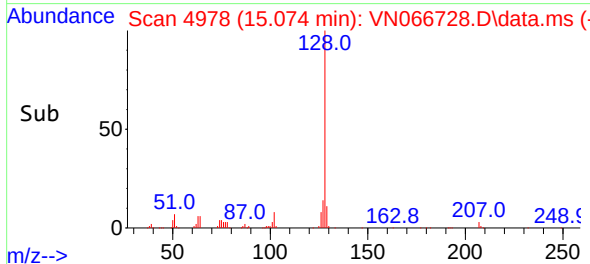
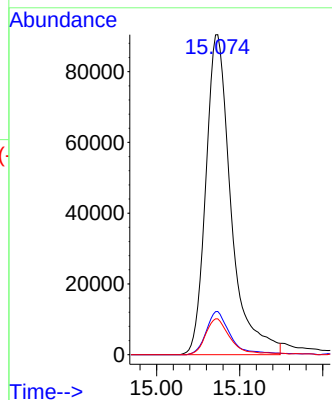
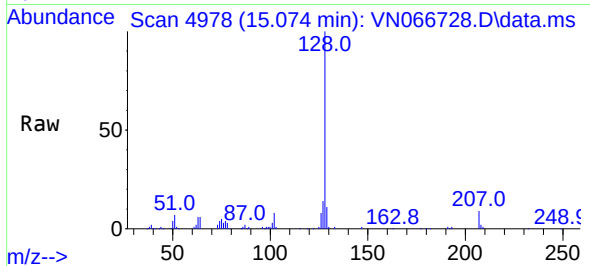
#91
Naphthalene
Concen: 24.17 ug/l
RT: 15.074 min Scan# 4978
Delta R.T. 0.003 min
Lab File: VN066728.D
Acq: 22 Apr 2021 20:33

Tgt Ion:128 Resp: 191045
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 10.7 8.6 13.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Manual Integrations
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#92
1,2,3-Trichlorobenzene
Concen: 22.35 ug/l
RT: 15.251 min Scan# 5044
Delta R.T. -0.000 min
Lab File: VN066728.D
Acq: 22 Apr 2021 20:33

Tgt Ion:180 Resp: 69468
Ion Ratio Lower Upper
180 100
182 92.1 0.0 190.0
145 30.4 0.0 60.8

