

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032521\
 Data File : VN066322.D
 Acq On : 25 Mar 2021 9:59
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Manual Integrations
 APPROVED

SAM
 3/29/2021 5:11:24 PM

Quant Time: Mar 26 04:37:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032421W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 25 05:52:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.102	128	77605	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.512	114	416533	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.347	117	361928	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.947	65	177054	29.68	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	98.93%		
60) 4-Bromofluorobenzene	12.345	95	170608	30.20	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	100.67%		
63) Toluene-d8	10.028	98	512271	30.16	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	100.53%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.818	85	82756	19.07	ug/l	97
3) Chloromethane	2.014	50	105991	19.42	ug/l	99
4) Vinyl Chloride	2.145	62	111195	19.39	ug/l	98
5) Bromomethane	2.521	94	77283	19.04	ug/l	98
6) Chloroethane	2.652	64	70711	19.25	ug/l	98
7) Trichlorofluoromethane	2.961	101	160750	19.43	ug/l	100
8) Diethyl Ether	3.342	74	54960	19.67	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.685	101	79503	19.64	ug/l #	42
10) 1,1-Dichloroethene	3.663	96	76308	19.04	ug/l	94
11) Methyl Iodide	3.873	142	112775	19.56	ug/l	100
12) Methyl Acetate	4.235	43	123774	19.90	ug/l	100
13) Acrolein	3.532	56	35922	94.67	ug/l	97
14) Acrylonitrile	4.873	53	250258	97.53	ug/l	99
15) Acetone	3.733	58	69472	92.98	ug/l	98
16) Carbon Disulfide	3.972	76	206470	18.60	ug/l	99
17) Allyl chloride	4.232	41	148437	20.50	ug/l	99
18) Methylene Chloride	4.455	84	91394	19.09	ug/l	98
19) trans-1,2-Dichloroethene	4.937	96	84059	19.07	ug/l	98
20) Diisopropyl ether	5.847	45	309995	19.51	ug/l	95
21) 1,1-Dichloroethane	5.745	63	169037	19.65	ug/l	100
22) cis-1,2-Dichloroethene	6.729	96	100764	19.10	ug/l	99
23) tert-Butyl Alcohol	4.677	59	106239	100.85	ug/l	100
24) Methyl tert-Butyl Ether	4.932	73	302760m	19.80	ug/l	
25) Chloroform	7.284	83	169187	19.47	ug/l	94
26) Cyclohexane	7.571	56	142736	18.71	ug/l #	99
29) 1,1-Dichloropropene	7.708	75	120213	19.30	ug/l	97
30) 2-Butanone	6.734	43	360164	98.65	ug/l	100
31) 2,2-Dichloropropane	6.724	77	151015	19.57	ug/l	99
32) 1,1,1-Trichloroethane	7.483	97	146552	19.41	ug/l	99
33) Carbon Tetrachloride	7.692	117	123354	19.35	ug/l	93
34) Benzene	7.960	78	376430	19.83	ug/l	98
35) Methacrylonitrile	7.078	41	55165	17.86	ug/l	98
36) 1,2-Dichloroethane	8.046	62	137138	19.72	ug/l	99
37) Trichloroethene	8.765	130	99947	20.19	ug/l	99
38) Methylcyclohexane	9.011	83	148781	19.30	ug/l	99
39) 1,2-Dichloropropane	9.049	63	101156	19.69	ug/l	100
40) Dibromomethane	9.140	93	67400	20.40	ug/l	98
41) Bromodichloromethane	9.336	83	138047	19.74	ug/l	96
42) Vinyl Acetate	5.790	43	1346303	97.84	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	6.831	43	139524	19.84	ug/l #	100
44) Isopropyl Acetate	8.086	43	246580	19.64	ug/l #	100
45) 1,4-Dioxane	9.135	88	34141	426.25	ug/l	97
46) Methyl methacrylate	9.132	41	111020	18.93	ug/l	98
47) n-amyl Acetate	12.020	43	100797	17.64	ug/l	99
48) t-1,3-Dichloropropene	10.320	75	149114	19.63	ug/l	99
49) cis-1,3-Dichloropropene	9.773	75	161685	19.80	ug/l	99
50) 1,1,2-Trichloroethane	10.500	97	93141	19.70	ug/l	97
51) Ethyl methacrylate	10.368	69	144129	19.47	ug/l	98
52) 1,3-Dichloropropane	10.645	76	155452	19.72	ug/l	100
53) Dibromochloromethane	10.840	129	104376	19.65	ug/l	99
54) 1,2-Dibromoethane	10.945	107	96110	19.75	ug/l	100
55) 2-Chloroethyl vinyl ether	9.631	63	86035	78.19	ug/l	98
56) Bromoform	12.071	173	77224	19.81	ug/l #	99
58) 4-Methyl-2-Pentanone	9.918	43	724212	99.87	ug/l	100
59) 2-Hexanone	10.690	43	490039	98.21	ug/l	99
61) Tetrachloroethene	10.570	164	99802	20.03	ug/l	96
62) Toluene	10.092	91	398262	19.88	ug/l	100
64) Chlorobenzene	11.374	112	234466	19.92	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.449	131	91300	19.77	ug/l	97
66) Ethyl Benzene	11.455	91	425498	19.71	ug/l	99
67) m/p-Xylenes	11.565	106	318895	39.75	ug/l	98
68) o-Xylene	11.889	106	158226	19.99	ug/l	99
69) Styrene	11.908	104	250564	19.75	ug/l	99
70) Isopropylbenzene	12.192	105	410498	19.71	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.447	83	132803	19.91	ug/l	98
72) 1,2,3-Trichloropropane	12.495	75	134041m	20.81	ug/l	
73) Bromobenzene	12.468	156	101852	19.84	ug/l	98
74) n-propylbenzene	12.535	91	459146	19.94	ug/l	100
75) 2-Chlorotoluene	12.616	91	272535	19.55	ug/l	99
76) 1,3,5-Trimethylbenzene	12.675	105	346164	20.19	ug/l	98
77) t-1,4-Dichloro-2-butene	12.246	75	41968	20.09	ug/l	96
78) 4-Chlorotoluene	12.715	91	271650	19.86	ug/l	99
79) tert-butylbenzene	12.935	119	293873	19.72	ug/l	98
80) 1,2,4-Trimethylbenzene	12.983	105	331754	19.95	ug/l	100
81) sec-Butylbenzene	13.115	105	381517	20.05	ug/l	99
82) p-Isopropyltoluene	13.233	119	337305	20.13	ug/l	99
83) 1,3-Dichlorobenzene	13.227	146	172770	20.52	ug/l	100
84) 1,4-Dichlorobenzene	13.308	146	170773	20.84	ug/l	98
85) n-Butylbenzene	13.557	91	271632	19.87	ug/l	98
86) Hexachloroethane	13.815	117	63110	20.40	ug/l	98
87) 1,2-Dichlorobenzene	13.597	146	174758	20.98	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.214	75	28048	20.61	ug/l	93
89) 1,2,4-Trichlorobenzene	14.850	180	109606	20.62	ug/l	98
90) Hexachlorobutadiene	14.947	225	59773	20.75	ug/l	99
91) Naphthalene	15.070	128	330745	20.44	ug/l	100
92) 1,2,3-Trichlorobenzene	15.250	180	104709	20.11	ug/l	98

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

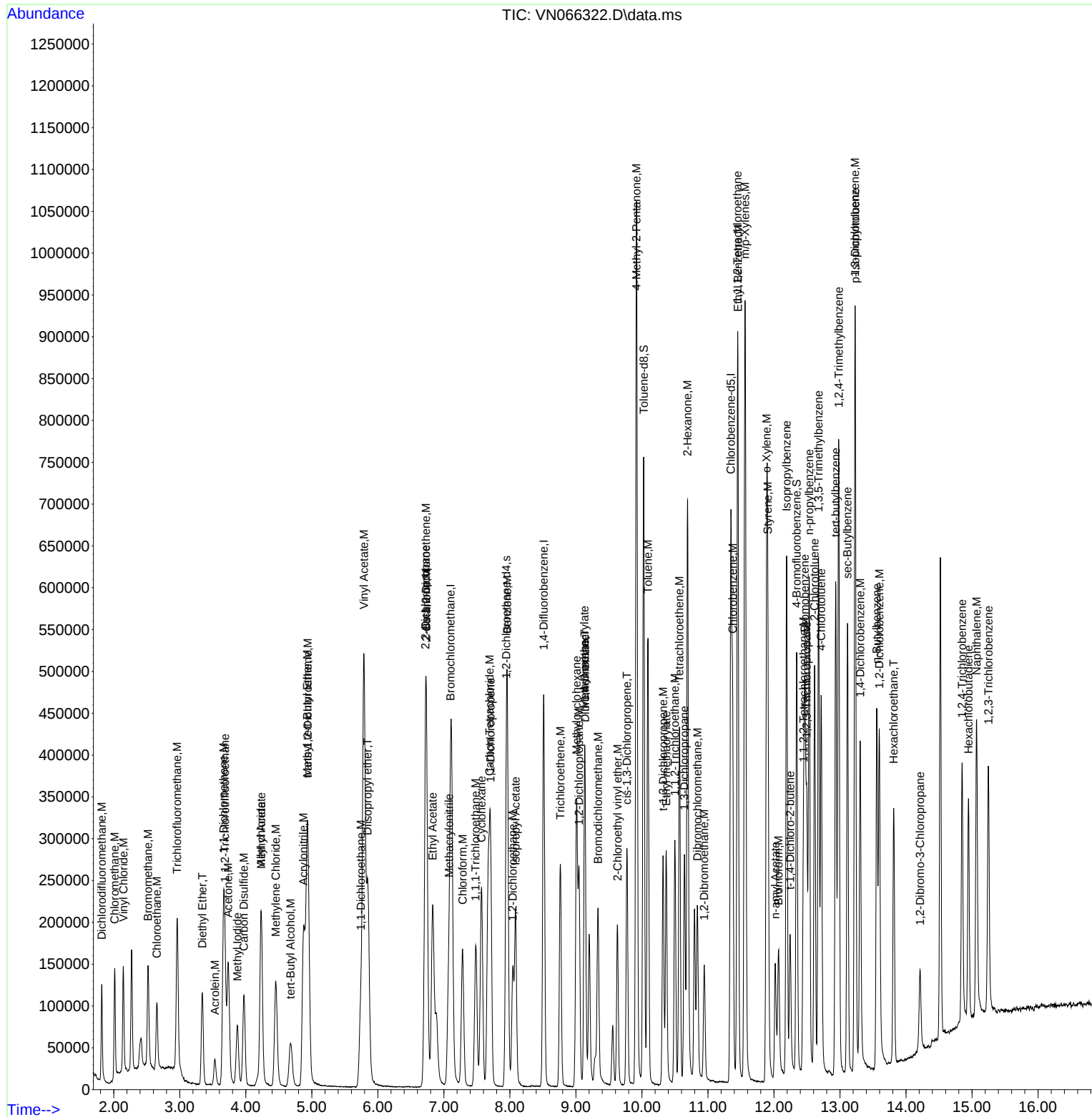
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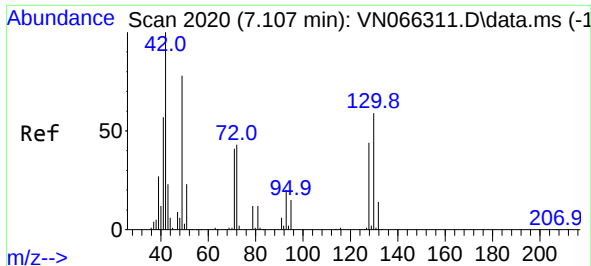
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ClientSampleId :
VSTDCCC020

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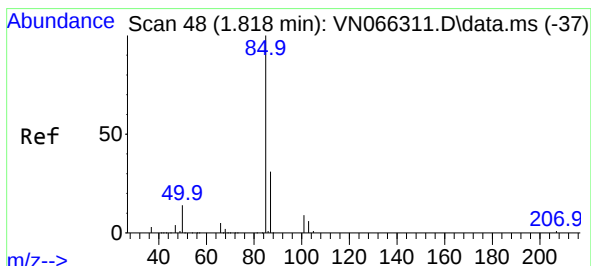
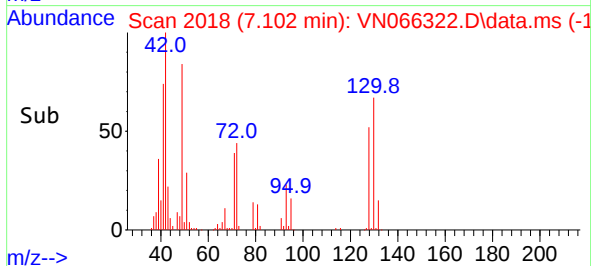
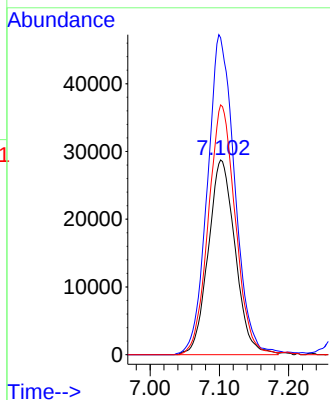
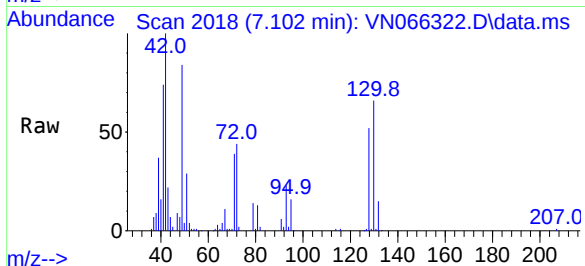
#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.102 min Scan# 2018
Delta R.T. -0.005 min
Lab File: VN066322.D
Acq: 25 Mar 2021 9:59

Tgt Ion:128 Resp: 77605
Ion Ratio Lower Upper
128 100
49 166.0 0.0 429.3
130 128.7 0.0 328.5

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020

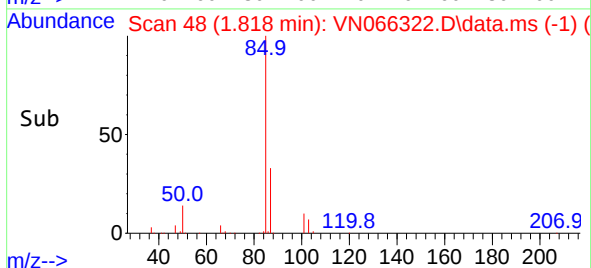
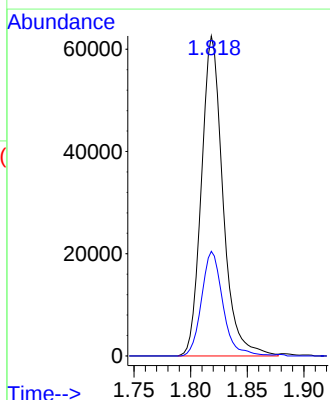
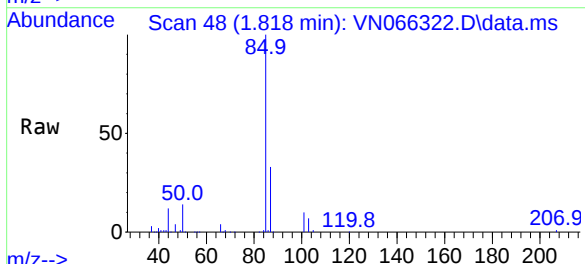
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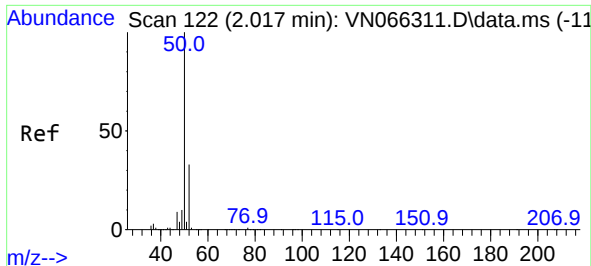
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#2
Dichlorodifluoromethane
Concen: 19.07 ug/l
RT: 1.818 min Scan# 48
Delta R.T. 0.000 min
Lab File: VN066322.D
Acq: 25 Mar 2021 9:59

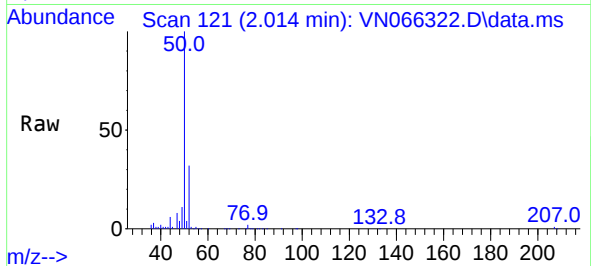
Tgt Ion: 85 Resp: 82756
Ion Ratio Lower Upper
85 100
87 32.7 15.4 46.4





#3
Chloromethane
Concen: 19.42 ug/l
RT: 2.014 min Scan# 121
Delta R.T. -0.003 min
Lab File: VN066322.D
Acq: 25 Mar 2021 9:59

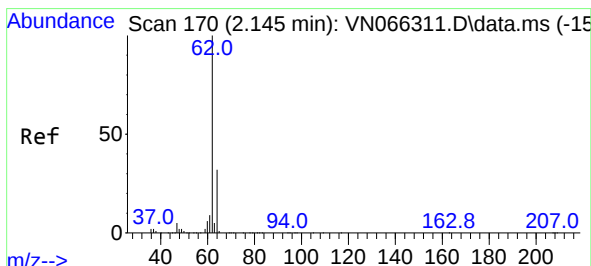
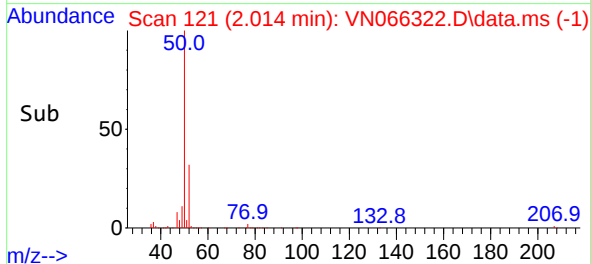
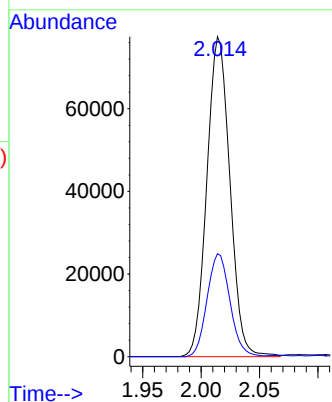
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 50 Resp: 105991
Ion Ratio Lower Upper
50 100
52 32.2 26.2 39.4

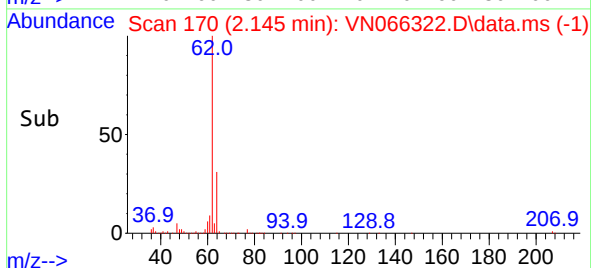
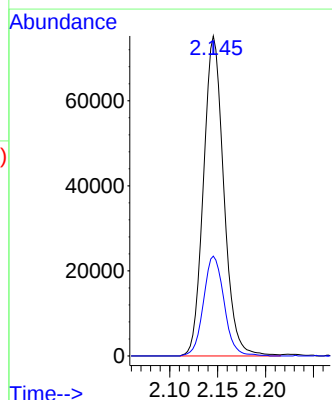
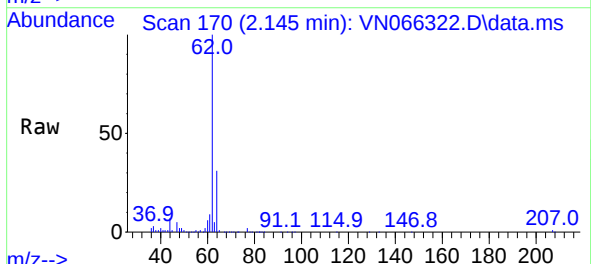
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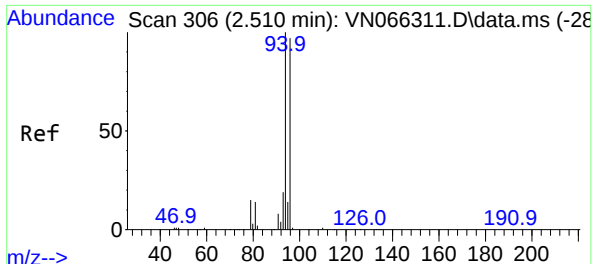
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#4
Vinyl Chloride
Concen: 19.39 ug/l
RT: 2.145 min Scan# 170
Delta R.T. 0.000 min
Lab File: VN066322.D
Acq: 25 Mar 2021 9:59

Tgt Ion: 62 Resp: 111195
Ion Ratio Lower Upper
62 100
64 31.2 25.8 38.6





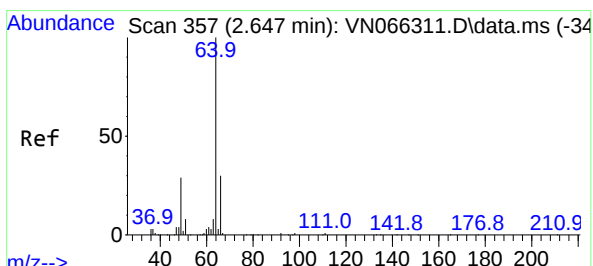
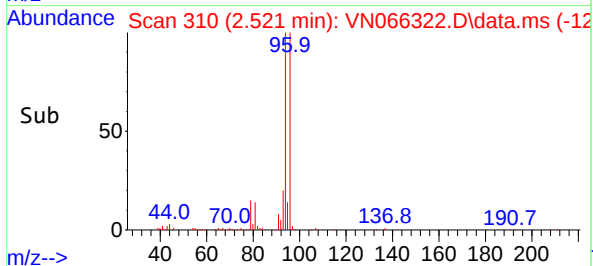
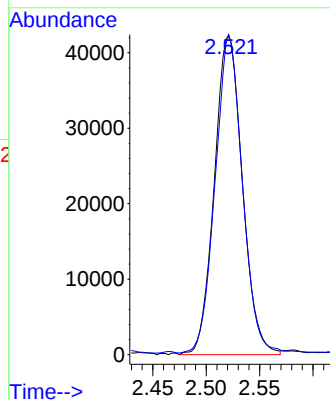
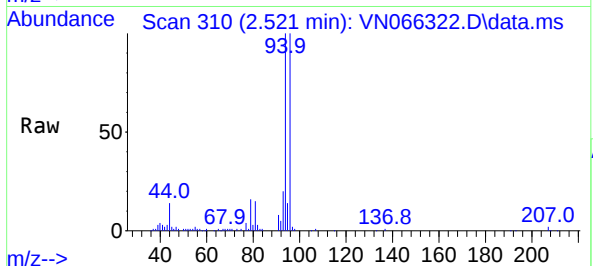
#5
Bromomethane
Concen: 19.04 ug/l
RT: 2.521 min Scan# 310
Delta R.T. 0.011 min
Lab File: VN066322.D
Acq: 25 Mar 2021 9:59

Tgt Ion: 94 Resp: 77283
Ion Ratio Lower Upper
94 100
96 99.3 77.8 116.8

Instrument :
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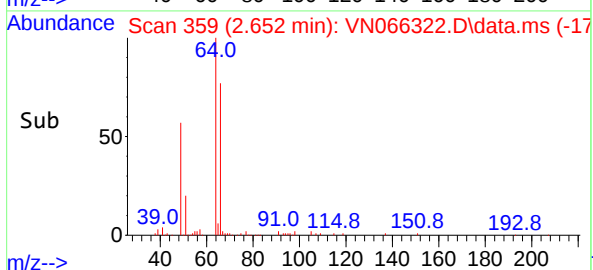
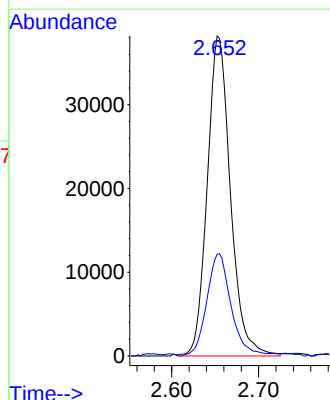
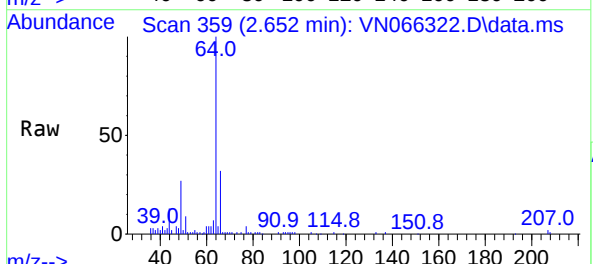
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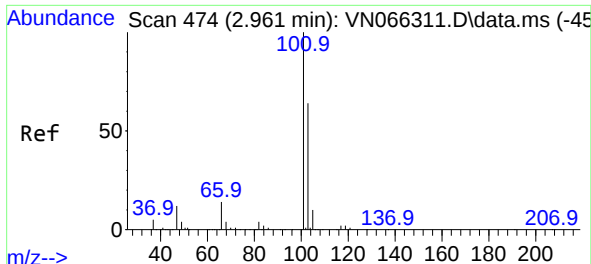
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#6
Chloroethane
Concen: 19.25 ug/l
RT: 2.652 min Scan# 359
Delta R.T. 0.005 min
Lab File: VN066322.D
Acq: 25 Mar 2021 9:59

Tgt Ion: 64 Resp: 70711
Ion Ratio Lower Upper
64 100
66 31.3 24.2 36.4





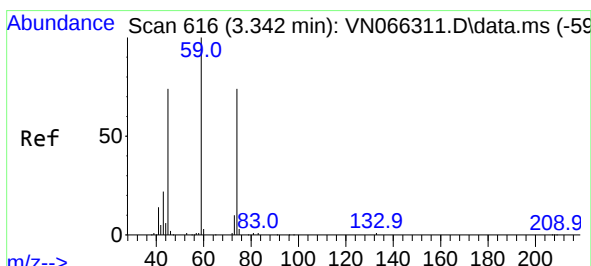
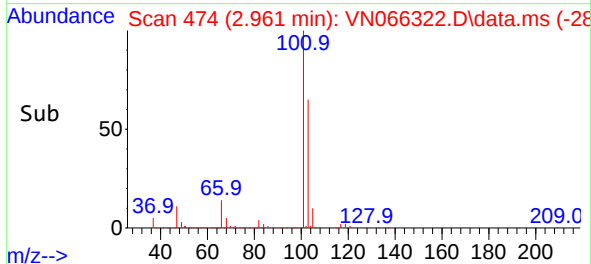
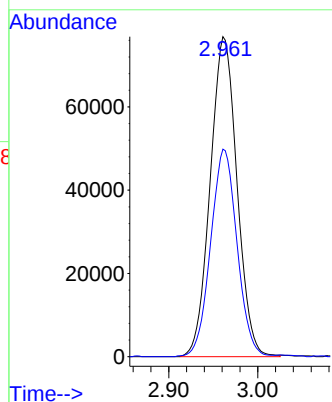
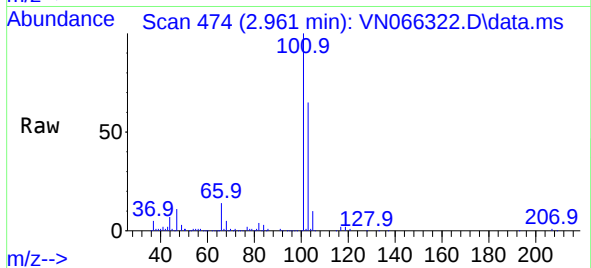
#7
Trichlorofluoromethane
Concen: 19.43 ug/l
RT: 2.961 min Scan# 474
Delta R.T. 0.000 min
Lab File: VN066322.D
Acq: 25 Mar 2021 9:59

Tgt Ion:101 Resp: 160750
Ion Ratio Lower Upper
101 100
103 64.5 51.6 77.4

Instrument :
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ClientSampled :
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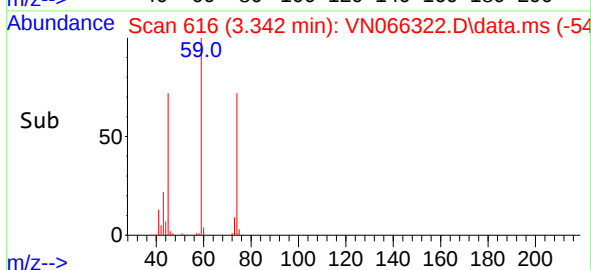
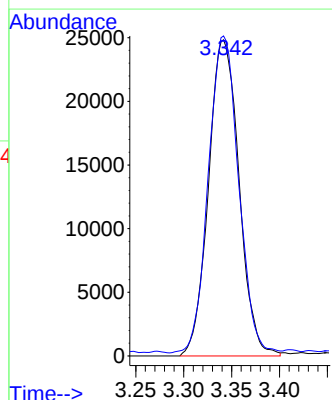
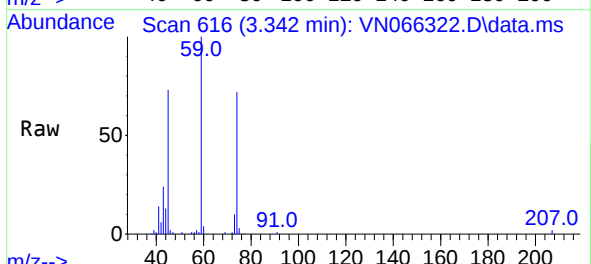
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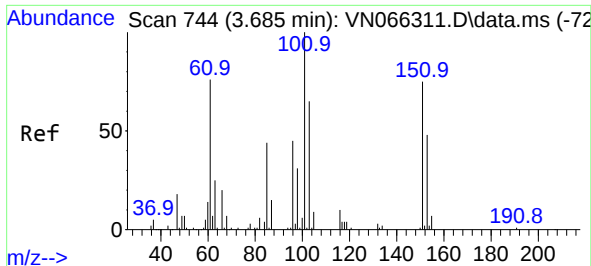
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#8
Diethyl Ether
Concen: 19.67 ug/l
RT: 3.342 min Scan# 616
Delta R.T. 0.000 min
Lab File: VN066322.D
Acq: 25 Mar 2021 9:59

Tgt Ion: 74 Resp: 54960
Ion Ratio Lower Upper
74 100
45 98.8 19.5 175.9





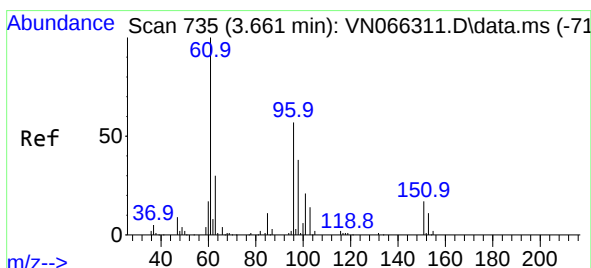
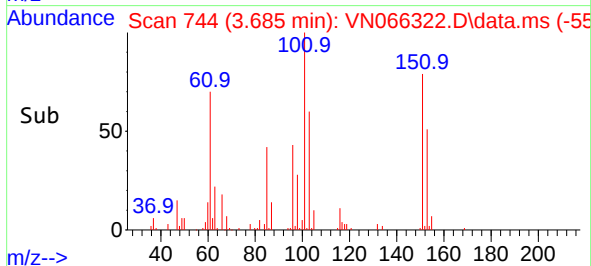
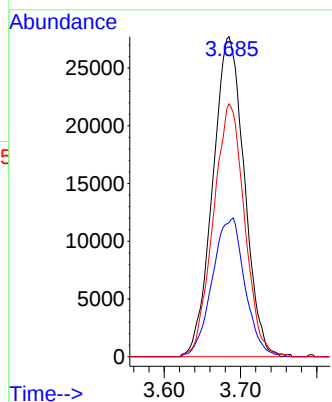
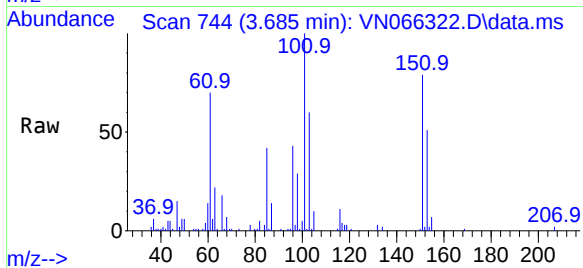
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.64 ug/l
RT: 3.685 min Scan# 744
Delta R.T. 0.000 min
Lab File: VN066322.D
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Tgt Ion:	101	Resp:	79503
Ion Ratio	Lower	Upper	
101	100		
85	44.7	0.0	90.6
151	0.0	0.0	159.0

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ClientSampled :
VSTDCCC020

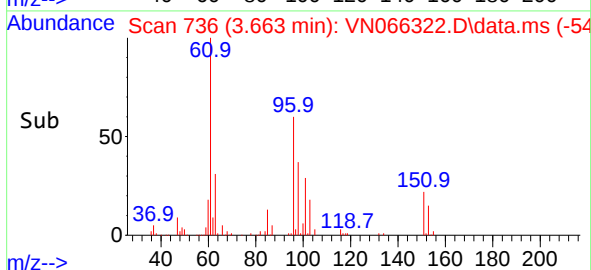
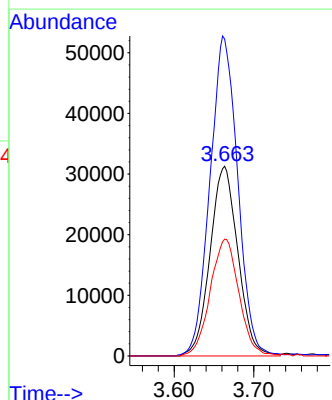
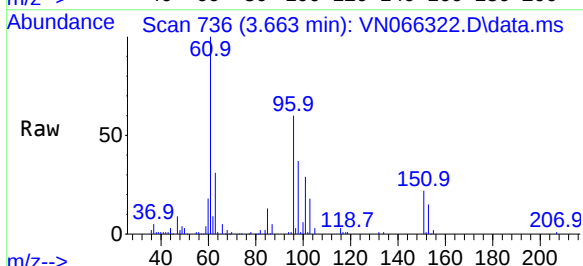
Manual Integrations
APPROVED

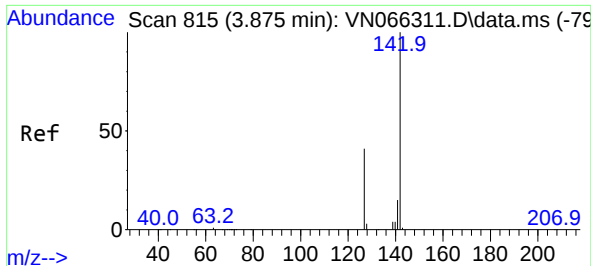
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#10
1,1-Dichloroethene
Concen: 19.04 ug/l
RT: 3.663 min Scan# 736
Delta R.T. 0.003 min
Lab File: VN066322.D
Acq: 25 Mar 2021 9:59

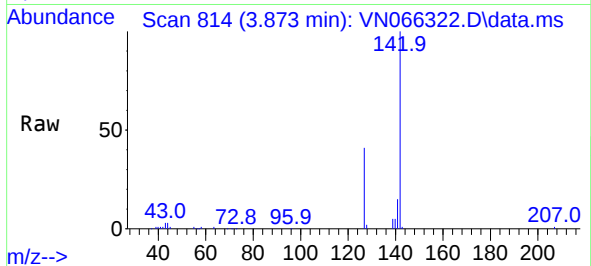
Tgt Ion:	96	Resp:	76308
Ion Ratio	Lower	Upper	
96	100		
61	166.2	139.6	209.4
98	61.5	53.7	80.5





#11
Methyl Iodide
Concen: 19.56 ug/l
RT: 3.873 min Scan# 814
Delta R.T. -0.003 min
Lab File: VN066322.D
Acq: 25 Mar 2021 9:59

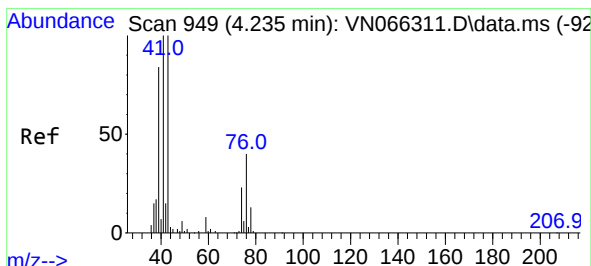
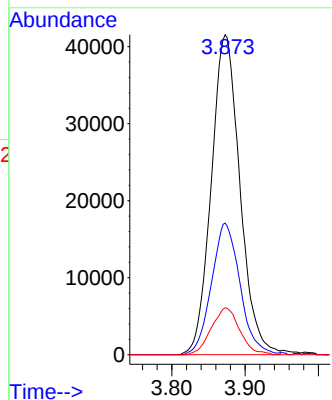
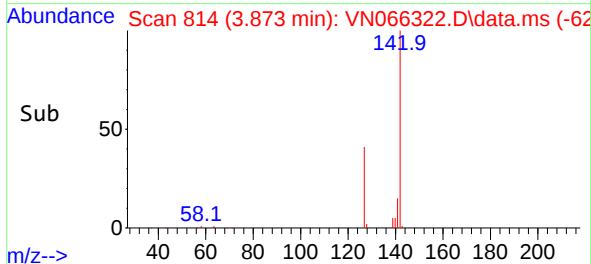
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020



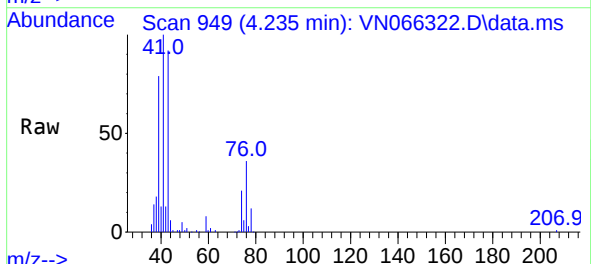
Tgt Ion:142 Resp: 112775
Ion Ratio Lower Upper
142 100
127 41.1 20.5 61.6
141 14.7 7.4 22.3

Manual Integrations
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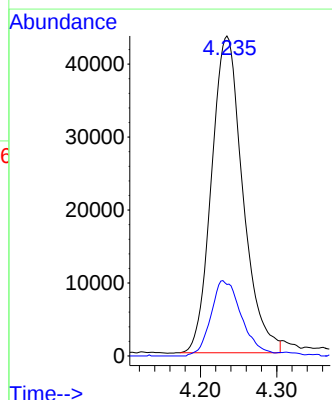
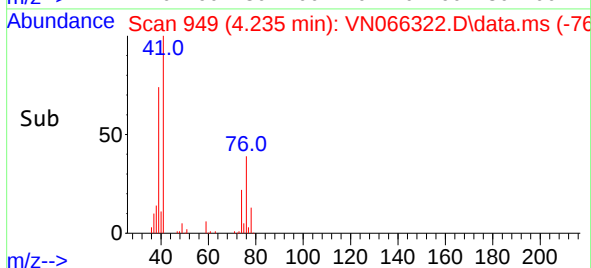
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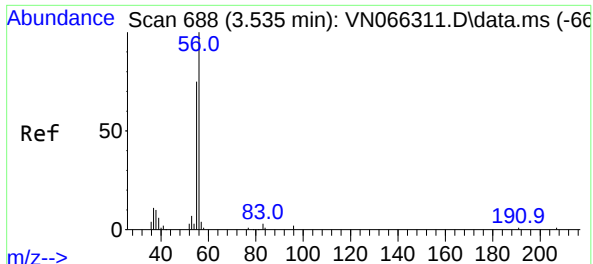


#12
Methyl Acetate
Concen: 19.90 ug/l
RT: 4.235 min Scan# 949
Delta R.T. 0.000 min
Lab File: VN066322.D
Acq: 25 Mar 2021 9:59



Tgt Ion: 43 Resp: 123774
Ion Ratio Lower Upper
43 100
74 22.5 18.0 27.0





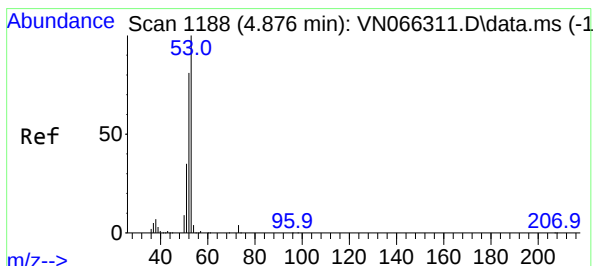
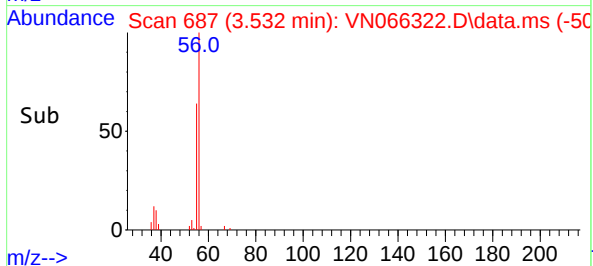
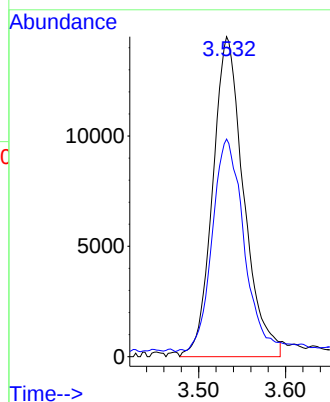
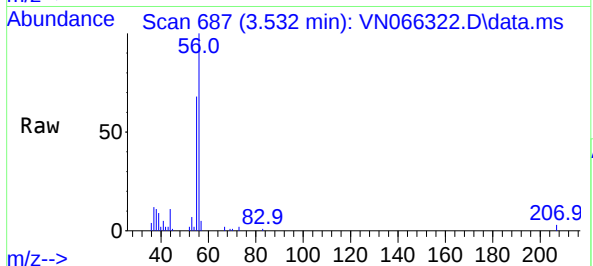
#13
Acrolein
Concen: 94.67 ug/l
RT: 3.532 min Scan# 687
Delta R.T. -0.003 min
Lab File: VN066322.D
Acq: 25 Mar 2021 9:59

Tgt Ion: 56 Resp: 35922
Ion Ratio Lower Upper
56 100
55 65.5 54.1 81.1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

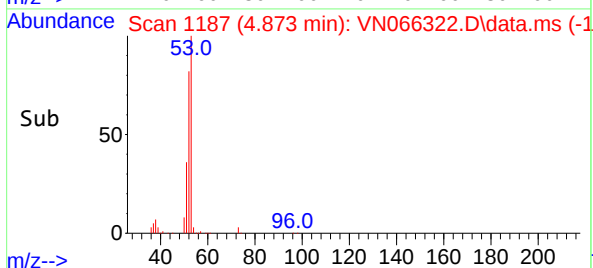
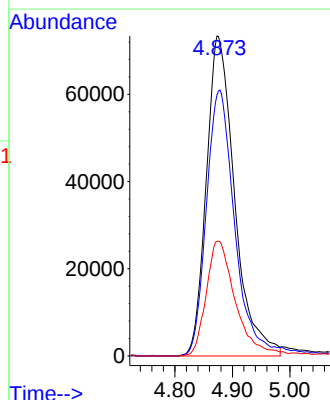
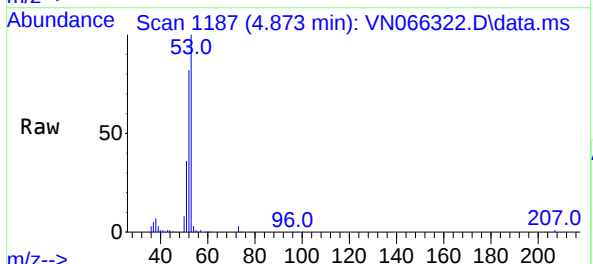
Manual Integrations
APPROVED

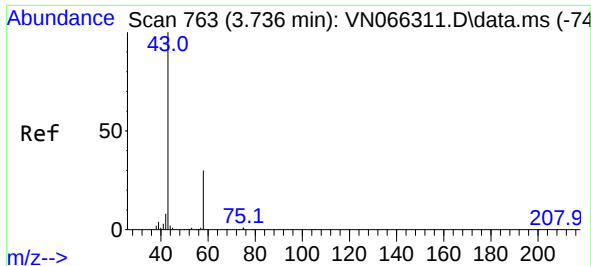
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#14
Acrylonitrile
Concen: 97.53 ug/l
RT: 4.873 min Scan# 1187
Delta R.T. -0.003 min
Lab File: VN066322.D
Acq: 25 Mar 2021 9:59

Tgt Ion: 53 Resp: 250258
Ion Ratio Lower Upper
53 100
52 82.3 41.0 123.0
51 36.9 17.8 53.4





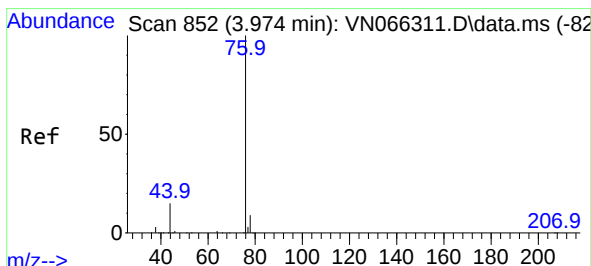
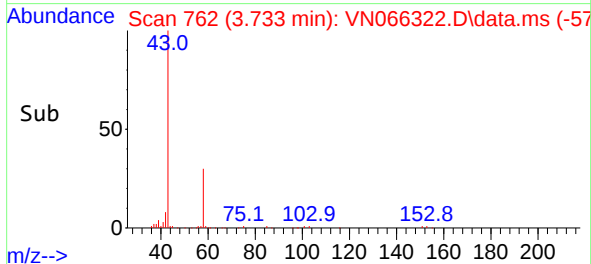
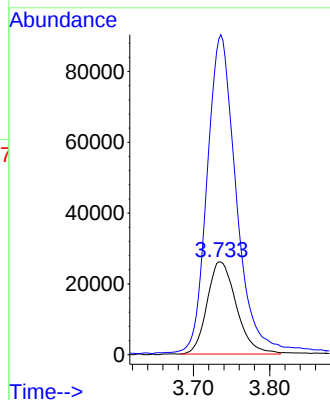
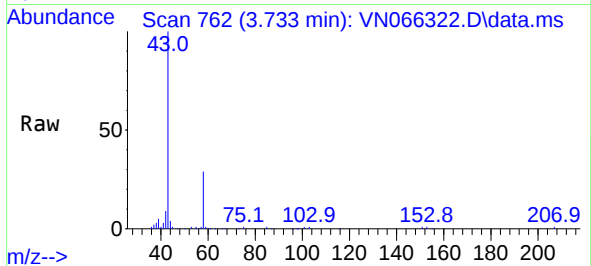
#15
Acetone
Concen: 92.98 ug/l
RT: 3.733 min Scan# 762
Delta R.T. -0.003 min
Lab File: VN066322.D
Acq: 25 Mar 2021 9:59

Tgt Ion: 58 Resp: 69472
Ion Ratio Lower Upper
58 100
43 337.9 267.3 400.9

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

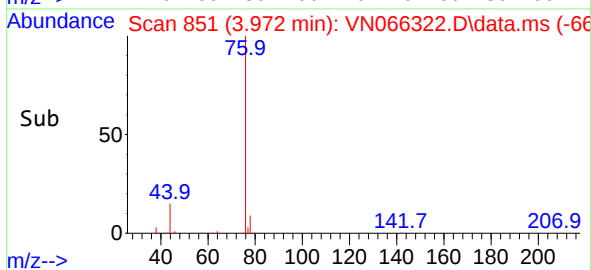
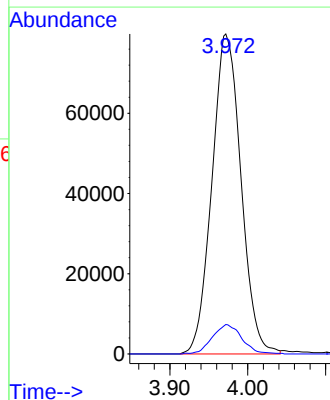
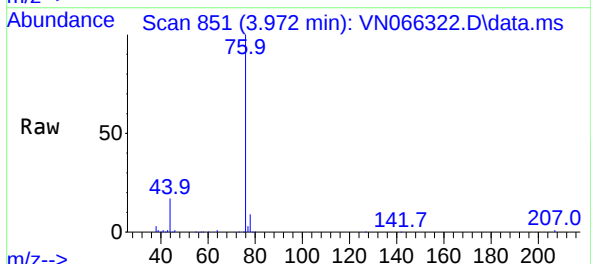
Manual Integrations
APPROVED

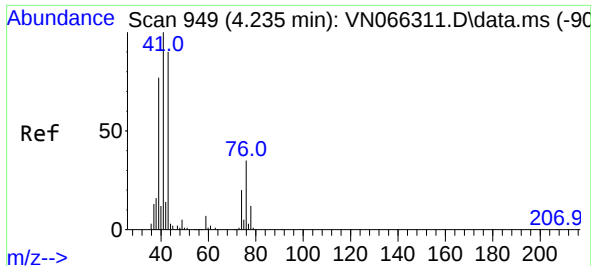
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#16
Carbon Disulfide
Concen: 18.60 ug/l
RT: 3.972 min Scan# 851
Delta R.T. -0.002 min
Lab File: VN066322.D
Acq: 25 Mar 2021 9:59

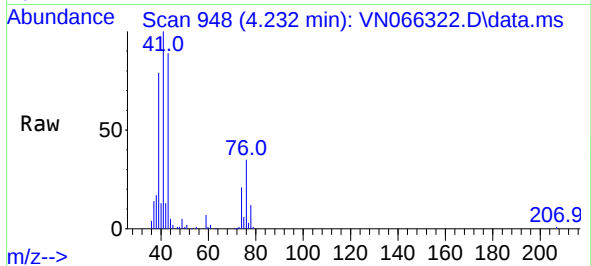
Tgt Ion: 76 Resp: 206470
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6





#17
 Allyl chloride
 Concen: 20.50 ug/l
 RT: 4.232 min Scan# 948
 Delta R.T. -0.003 min
 Lab File: VN066322.D
 Acq: 25 Mar 2021 9:59

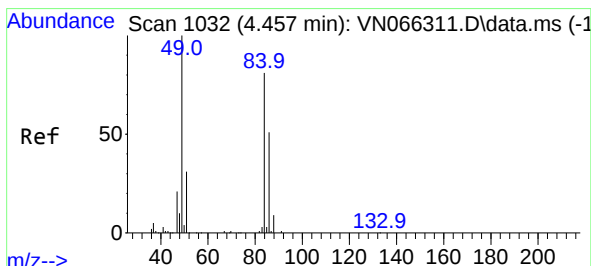
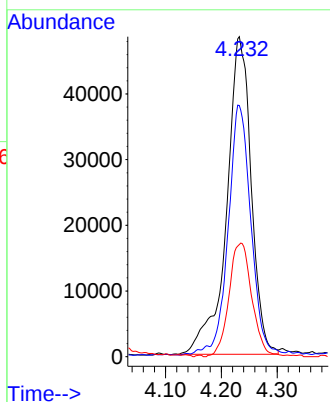
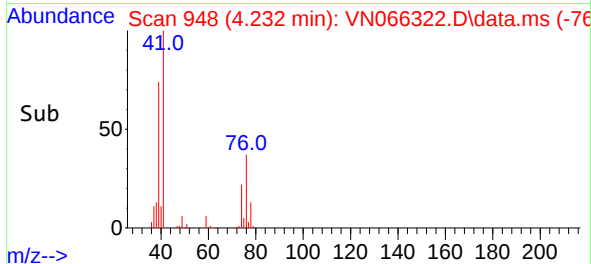
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC020



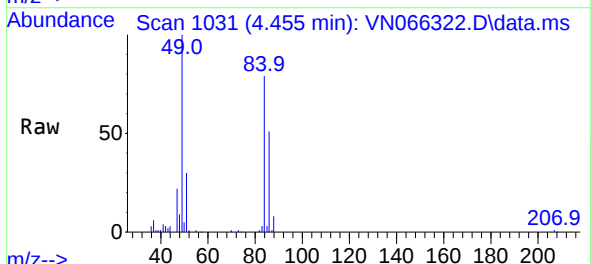
Tgt Ion: 41 Resp: 148437
 Ion Ratio Lower Upper
 41 100
 39 78.5 38.6 116.0
 76 34.7 17.6 52.8

Manual Integrations
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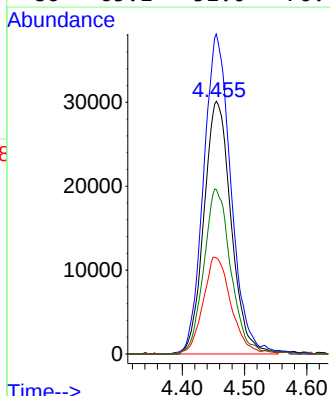
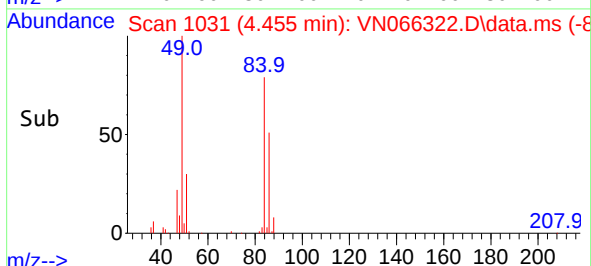
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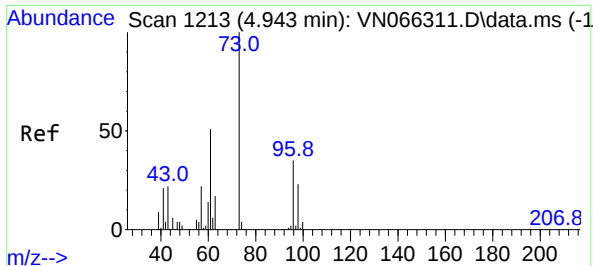


#18
 Methylene Chloride
 Concen: 19.09 ug/l
 RT: 4.455 min Scan# 1031
 Delta R.T. -0.002 min
 Lab File: VN066322.D
 Acq: 25 Mar 2021 9:59



Tgt Ion: 84 Resp: 91394
 Ion Ratio Lower Upper
 84 100
 49 125.9 98.9 148.3
 51 38.1 30.8 46.2
 86 65.1 51.0 76.4





#19

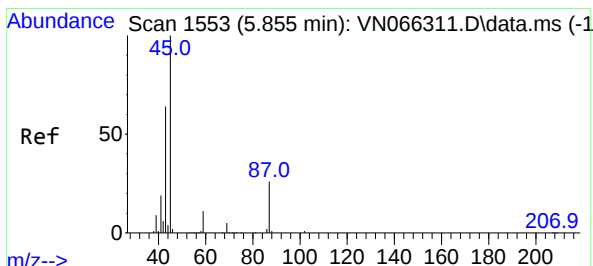
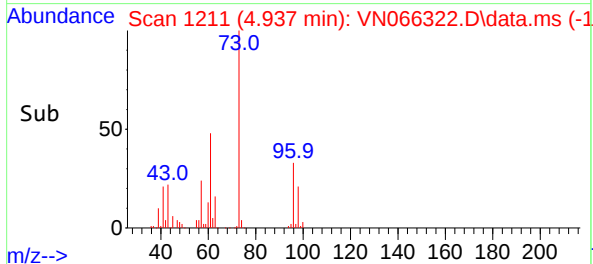
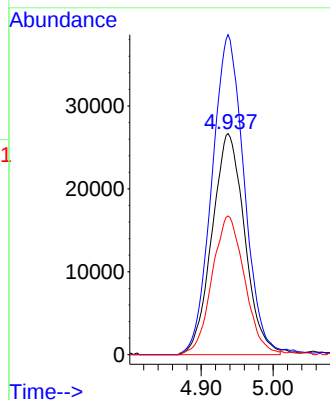
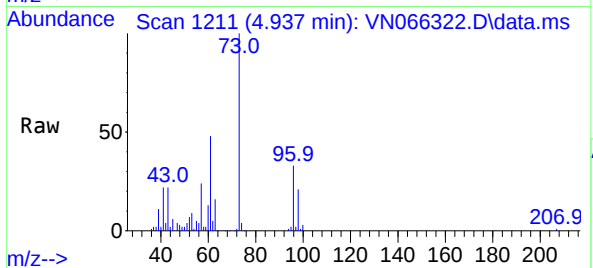
trans-1,2-Dichloroethene
Concen: 19.07 ug/l
RT: 4.937 min Scan# 1211
Delta R.T. -0.006 min
Lab File: VN066322.D
Acq: 25 Mar 2021 9:59

Tgt Ion: 96 Resp: 84059
Ion Ratio Lower Upper
96 100
61 144.1 113.4 170.0
98 62.2 51.0 76.4

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020

Manual Integrations
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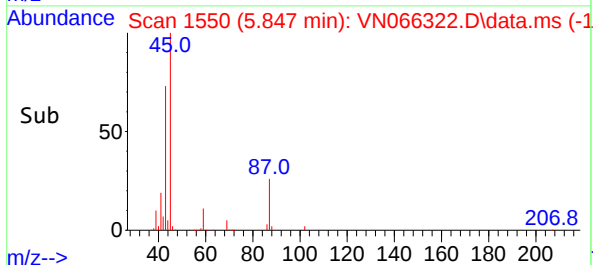
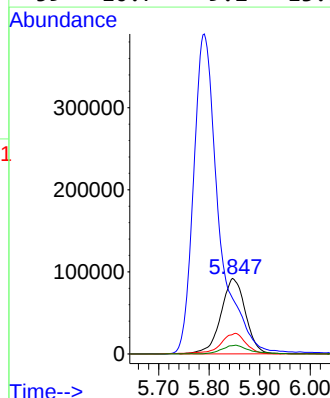
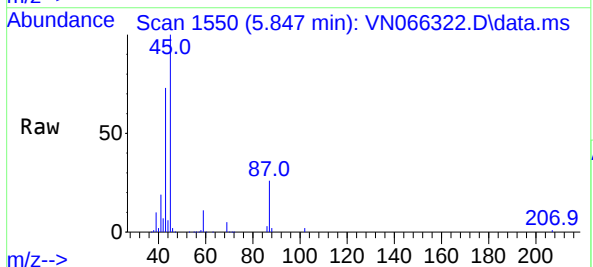
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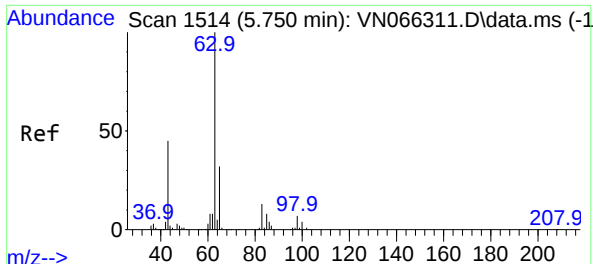


#20

Diisopropyl ether
Concen: 19.51 ug/l
RT: 5.847 min Scan# 1550
Delta R.T. -0.008 min
Lab File: VN066322.D
Acq: 25 Mar 2021 9:59

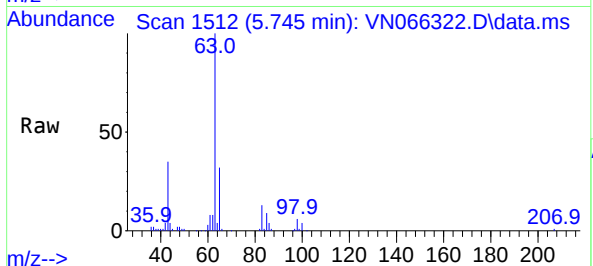
Tgt Ion: 45 Resp: 309995
Ion Ratio Lower Upper
45 100
43 69.8 51.4 77.2
87 26.0 21.4 32.0
59 10.7 9.2 13.8





#21
1,1-Dichloroethane
Concen: 19.65 ug/l
RT: 5.745 min Scan# 1512
Delta R.T. -0.005 min
Lab File: VN066322.D
Acq: 25 Mar 2021 9:59

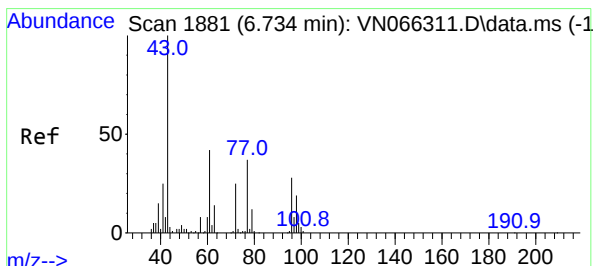
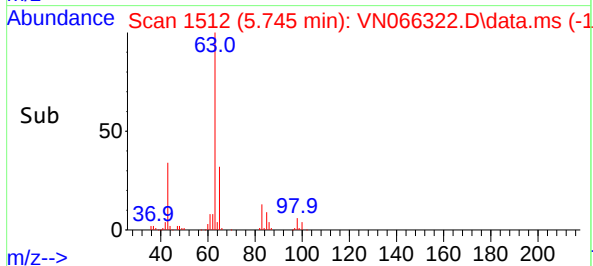
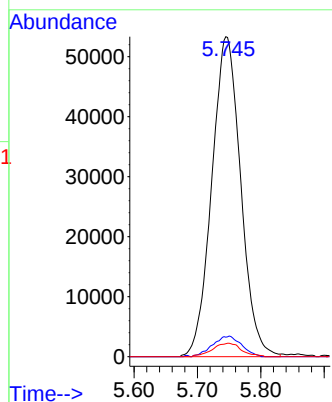
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



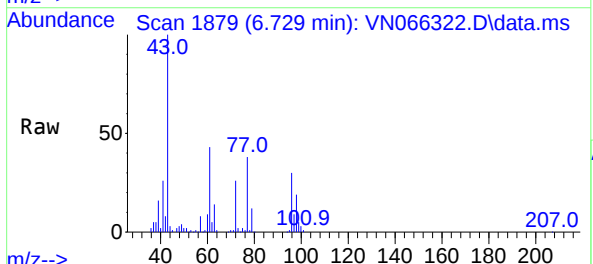
Tgt Ion: 63 Resp: 169037
Ion Ratio Lower Upper
63 100
98 6.6 3.3 9.9
100 4.1 1.9 5.7

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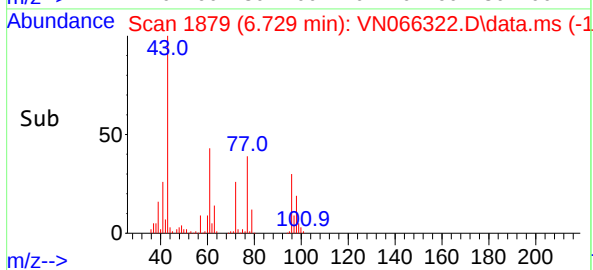
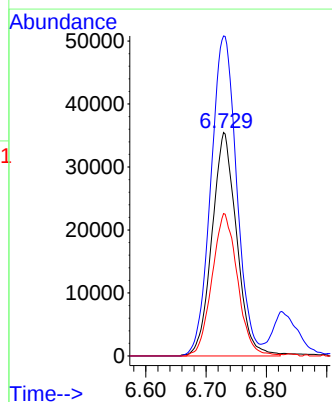
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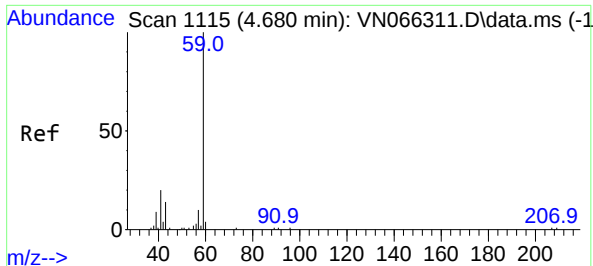


#22
cis-1,2-Dichloroethene
Concen: 19.10 ug/l
RT: 6.729 min Scan# 1879
Delta R.T. -0.005 min
Lab File: VN066322.D
Acq: 25 Mar 2021 9:59



Tgt Ion: 96 Resp: 100764
Ion Ratio Lower Upper
96 100
61 150.1 119.4 179.0
98 66.0 51.5 77.3





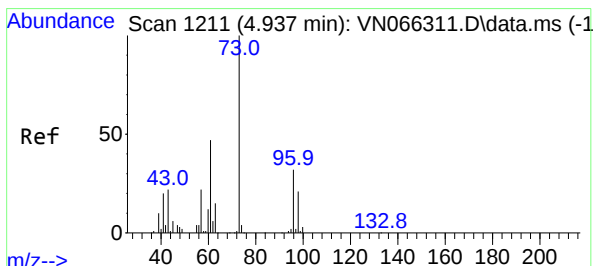
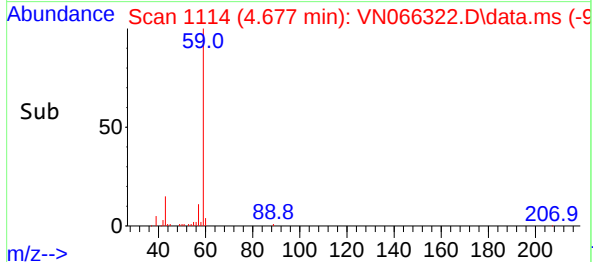
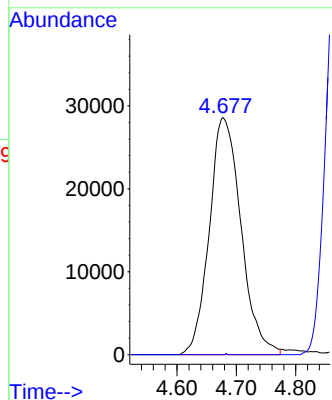
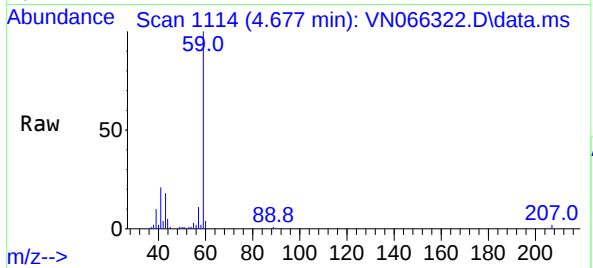
#23
tert-Butyl Alcohol
Concen: 100.85 ug/l
RT: 4.677 min Scan# 1114
Delta R.T. -0.003 min
Lab File: VN066322.D
Acq: 25 Mar 2021 9:59

Tgt Ion: 59 Resp: 106239
Ion Ratio Lower Upper
59 100
52 0.1 0.1 0.1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

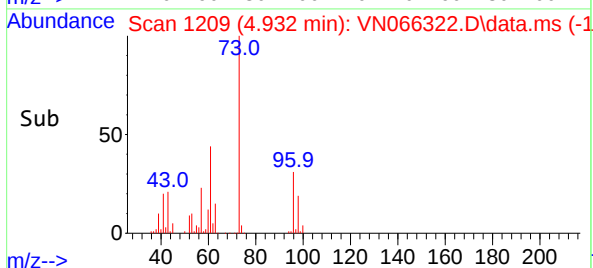
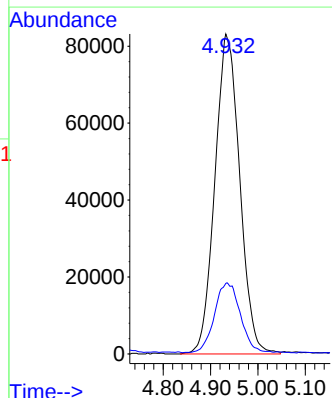
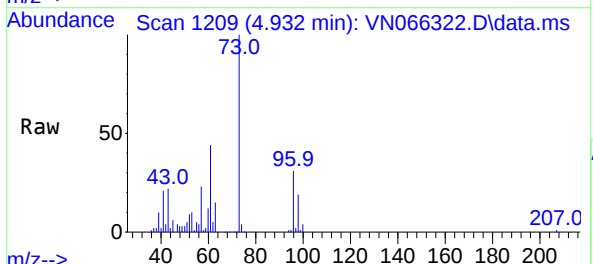
Manual Integrations
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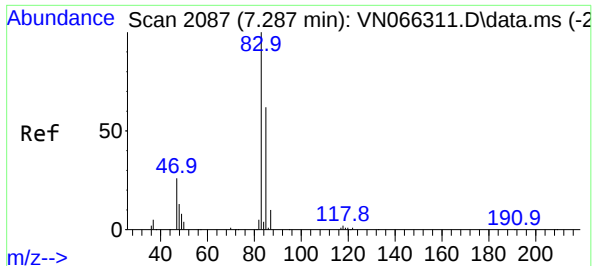
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#24
Methyl tert-Butyl Ether
Concen: 19.80 ug/l m
RT: 4.932 min Scan# 1209
Delta R.T. -0.005 min
Lab File: VN066322.D
Acq: 25 Mar 2021 9:59

Tgt Ion: 73 Resp: 302760
Ion Ratio Lower Upper
73 100
43 0.0 18.5 27.7#





#25

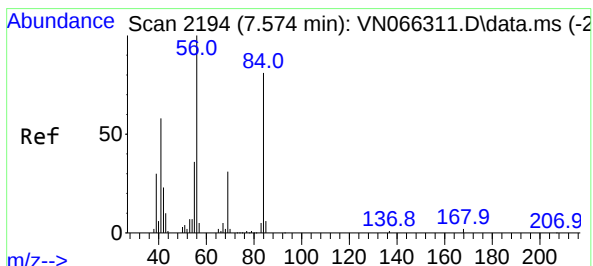
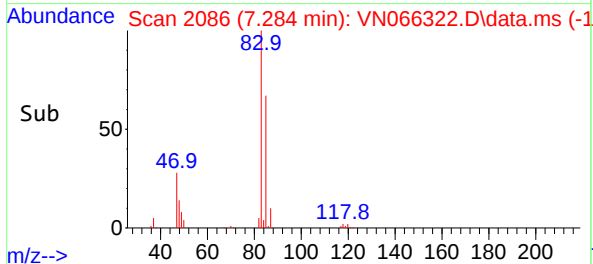
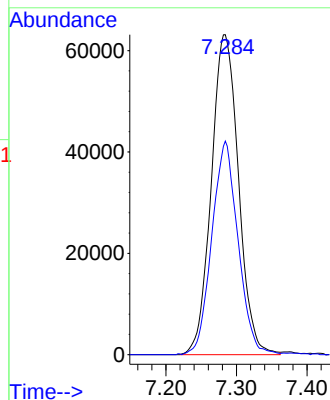
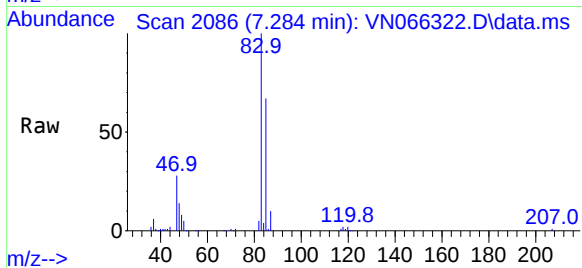
Chloroform
Concen: 19.47 ug/l
RT: 7.284 min Scan# 2086
Delta R.T. -0.003 min
Lab File: VN066322.D
Acq: 25 Mar 2021 9:59

Tgt Ion: 83 Resp: 169187
Ion Ratio Lower Upper
83 100
85 66.5 49.4 74.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Manual Integrations
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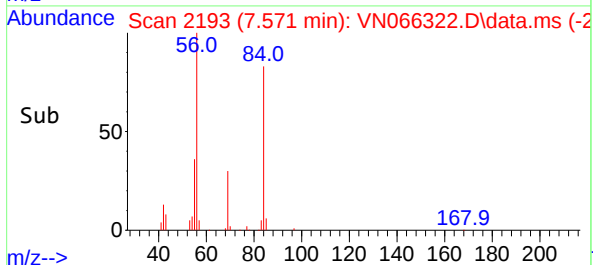
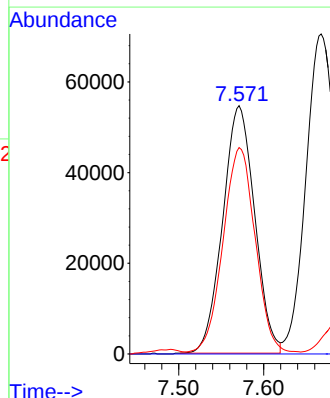
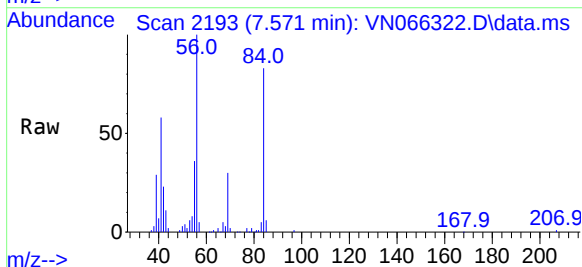
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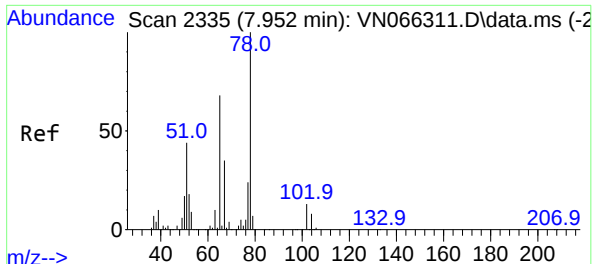


#26

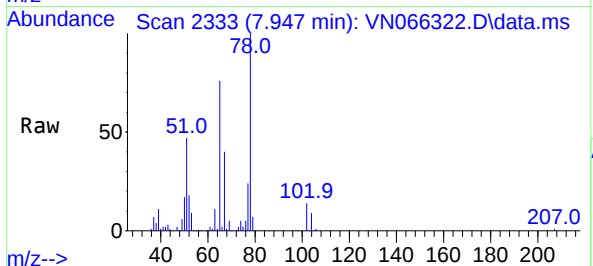
Cyclohexane
Concen: 18.71 ug/l
RT: 7.571 min Scan# 2193
Delta R.T. -0.003 min
Lab File: VN066322.D
Acq: 25 Mar 2021 9:59

Tgt Ion: 56 Resp: 142736
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 82.8 65.4 98.2

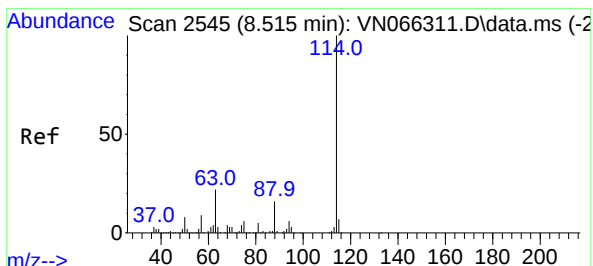
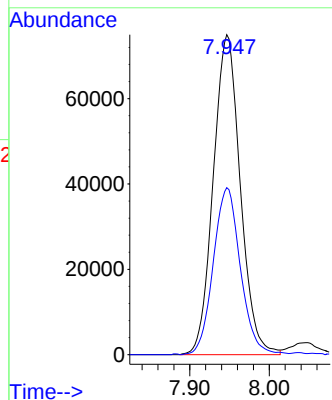
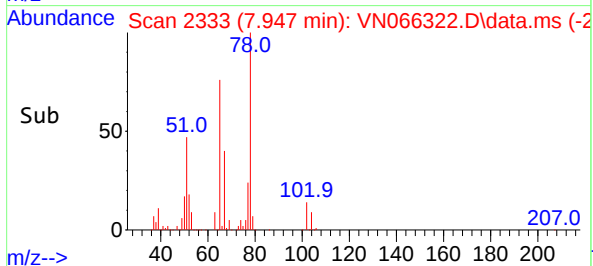




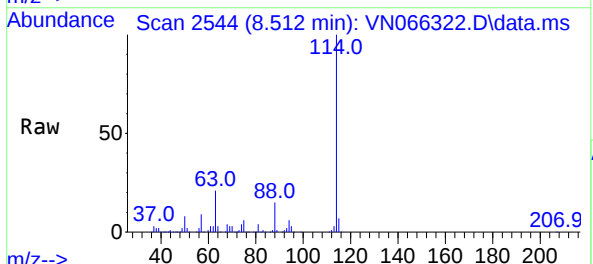
#27
1,2-Dichloroethane-d4
Concen: 29.68 ug/l
RT: 7.947 min Scan# 2333
Delta R.T. -0.005 min
Lab File: VN066322.D
Acq: 25 Mar 2021 9:59



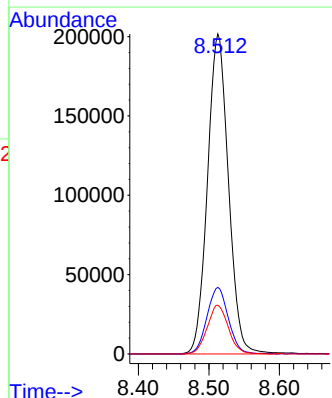
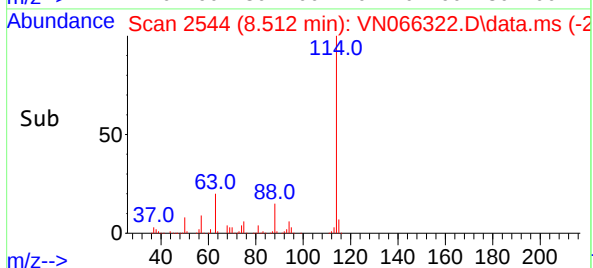
Tgt Ion: 65 Resp: 177054
Ion Ratio Lower Upper
65 100
67 52.2 42.2 63.4



#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 8.512 min Scan# 2544
Delta R.T. -0.003 min
Lab File: VN066322.D
Acq: 25 Mar 2021 9:59



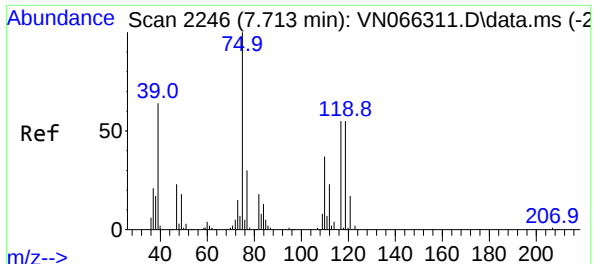
Tgt Ion: 114 Resp: 416533
Ion Ratio Lower Upper
114 100
63 21.2 17.4 26.0
88 15.4 12.6 19.0



Instrument :
MSVOA_N
ClientSampled :
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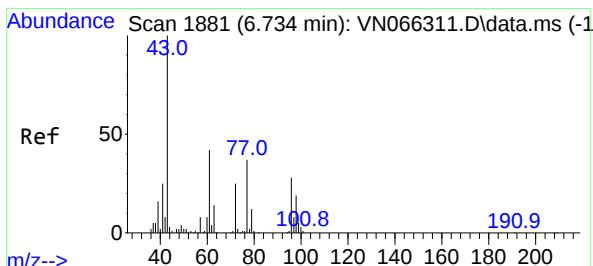
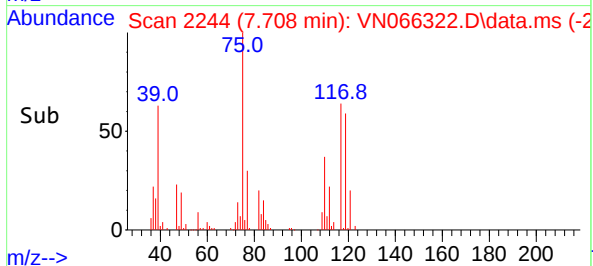
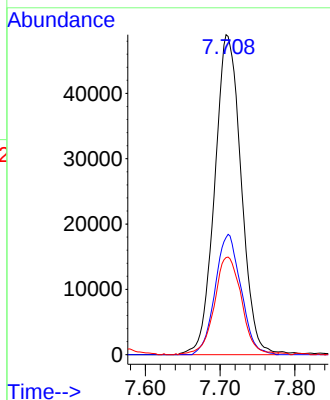
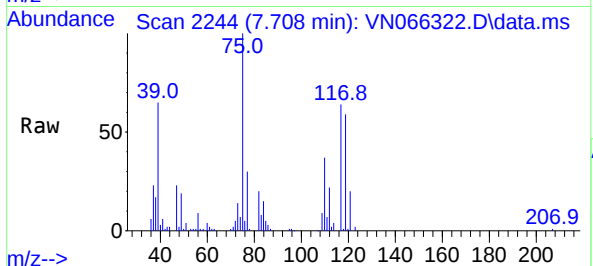
#29
1,1-Dichloropropene
Concen: 19.30 ug/l
RT: 7.708 min Scan# 2244
Delta R.T. -0.005 min
Lab File: VN066322.D
Acq: 25 Mar 2021 9:59

Tgt Ion:	75	Resp:	120213
Ion Ratio	Lower	Upper	
75	100		
110	36.8	0.0	69.4
77	31.3	0.0	60.6

Instrument :
MSVOA_N
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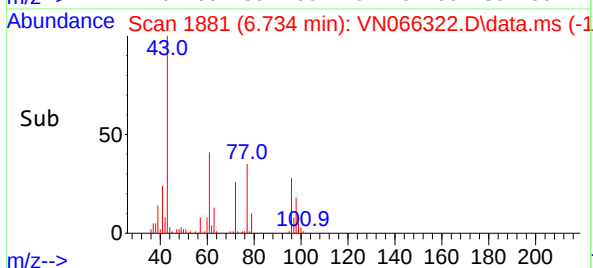
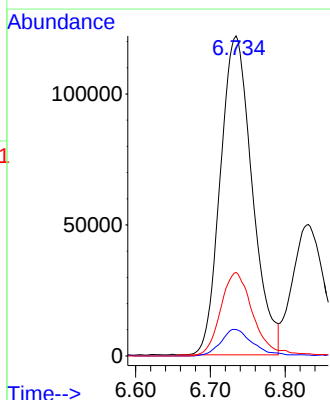
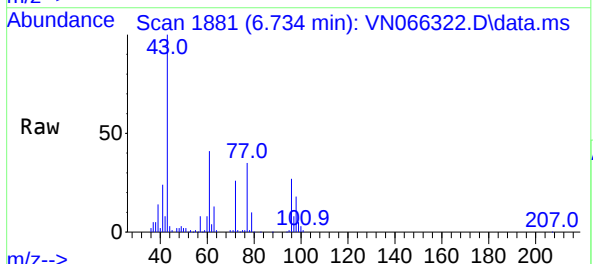
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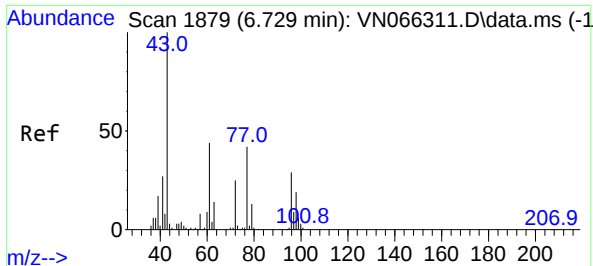
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#30
2-Butanone
Concen: 98.65 ug/l
RT: 6.734 min Scan# 1881
Delta R.T. 0.000 min
Lab File: VN066322.D
Acq: 25 Mar 2021 9:59

Tgt Ion:	43	Resp:	360164
Ion Ratio	Lower	Upper	
43	100		
57	8.4	6.9	10.3
72	26.0	20.9	31.3





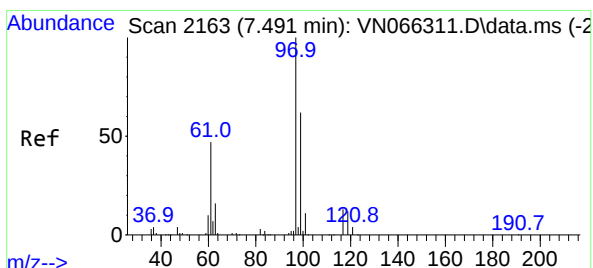
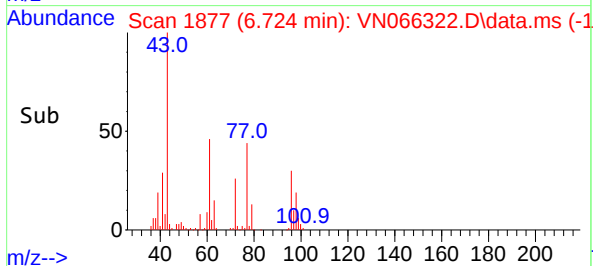
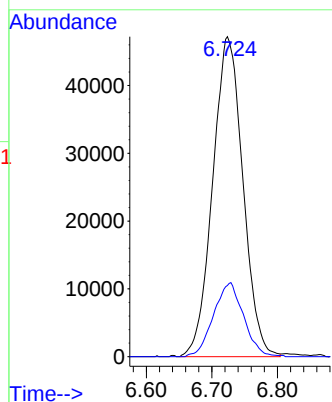
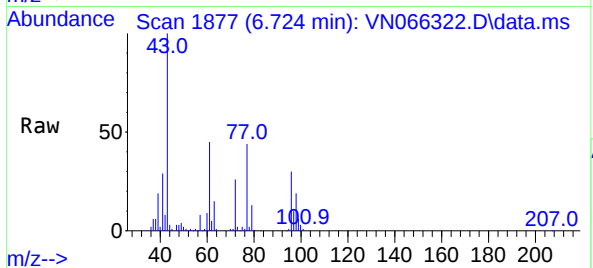
#31
2,2-Dichloropropane
Concen: 19.57 ug/l
RT: 6.724 min Scan# 1877
Delta R.T. -0.005 min
Lab File: VN066322.D
Acq: 25 Mar 2021 9:59

Tgt Ion: 77 Resp: 151015
Ion Ratio Lower Upper
77 100
97 23.0 18.1 27.1

Instrument :
MSVOA_N
ClientSampled :
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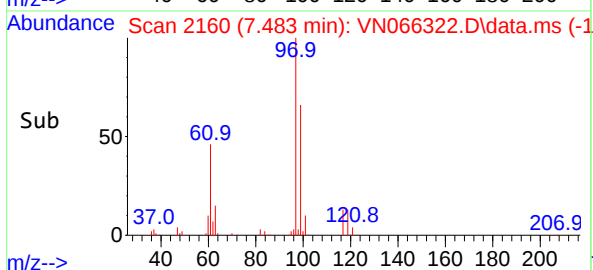
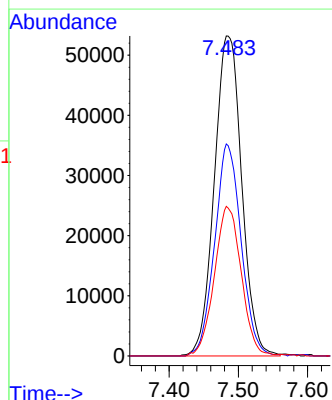
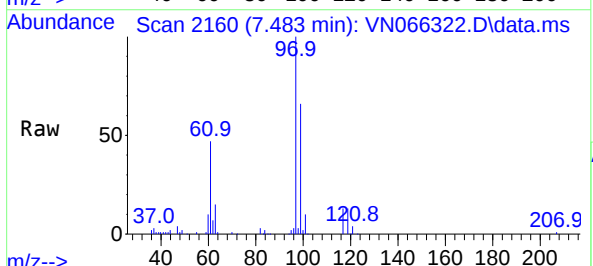
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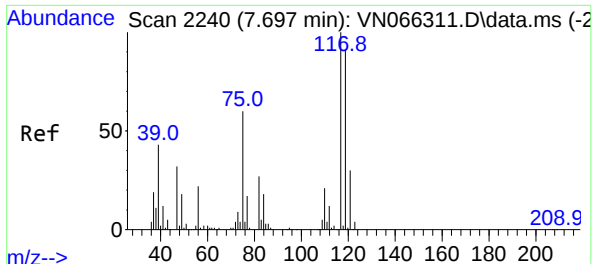
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#32
1,1,1-Trichloroethane
Concen: 19.41 ug/l
RT: 7.483 min Scan# 2160
Delta R.T. -0.008 min
Lab File: VN066322.D
Acq: 25 Mar 2021 9:59

Tgt Ion: 97 Resp: 146552
Ion Ratio Lower Upper
97 100
99 63.9 50.7 76.1
61 45.6 37.6 56.4





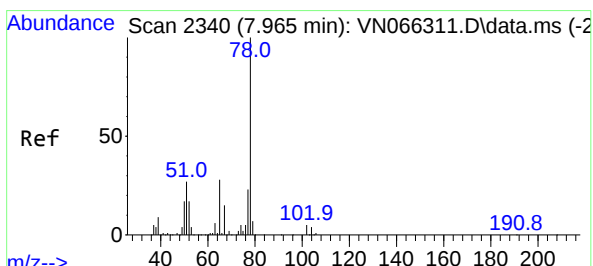
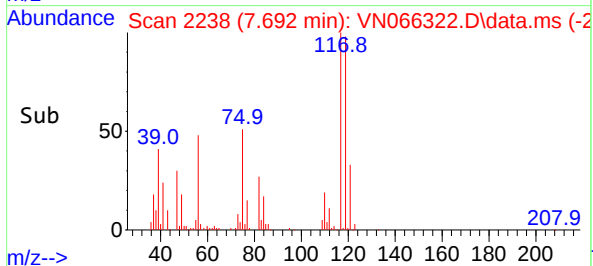
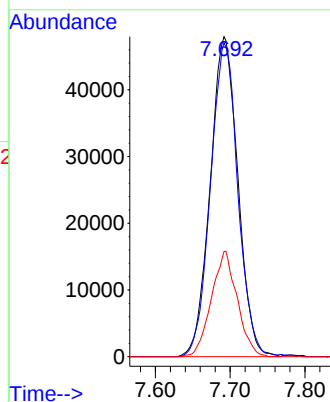
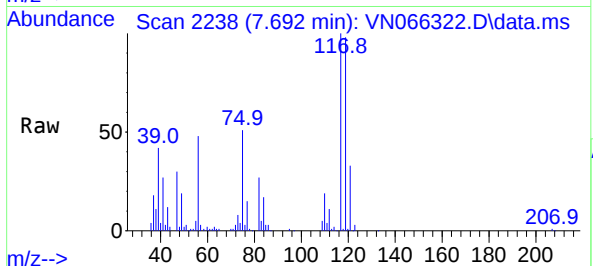
#33
Carbon Tetrachloride
Concen: 19.35 ug/l
RT: 7.692 min Scan# 2238
Delta R.T. -0.005 min
Lab File: VN066322.D
Acq: 25 Mar 2021 9:59

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020

Tgt Ion:117 Resp: 123354
Ion Ratio Lower Upper
117 100
119 97.7 72.6 108.8
121 32.9 23.5 35.3

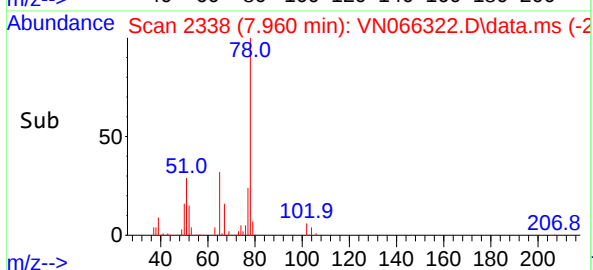
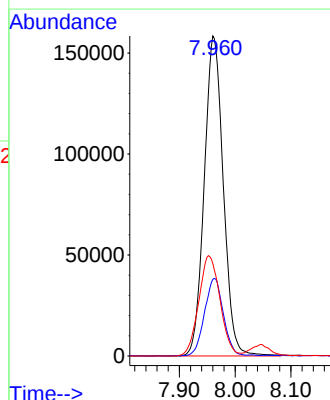
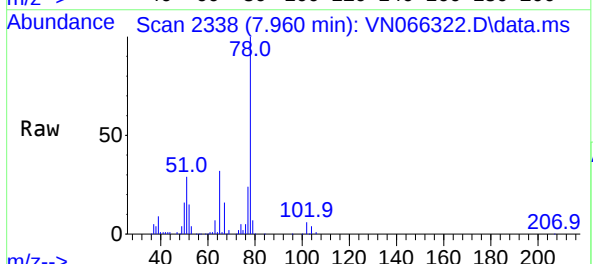
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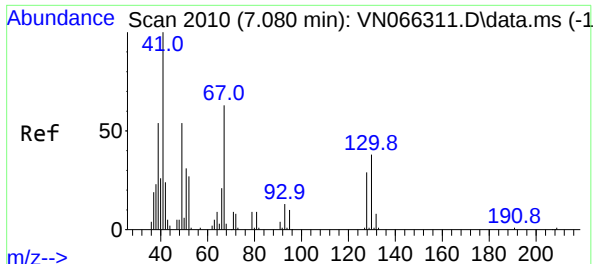
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#34
Benzene
Concen: 19.83 ug/l
RT: 7.960 min Scan# 2338
Delta R.T. -0.005 min
Lab File: VN066322.D
Acq: 25 Mar 2021 9:59

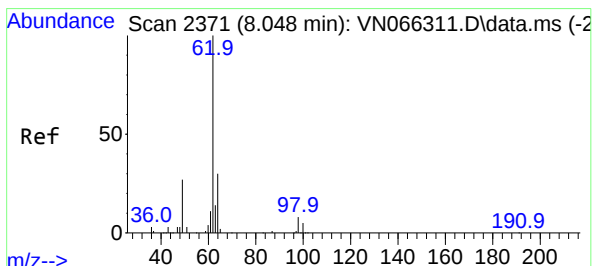
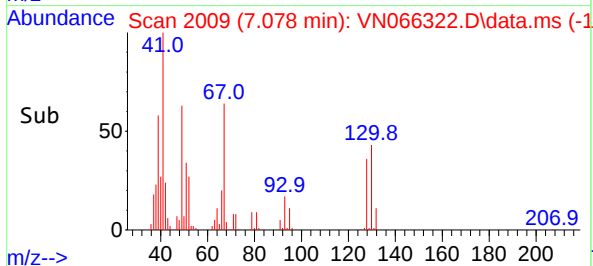
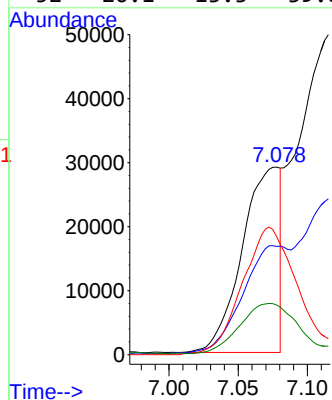
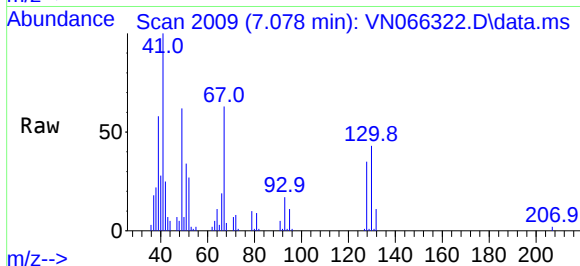
Tgt Ion: 78 Resp: 376430
Ion Ratio Lower Upper
78 100
77 23.9 18.6 27.8
51 28.6 21.9 32.9





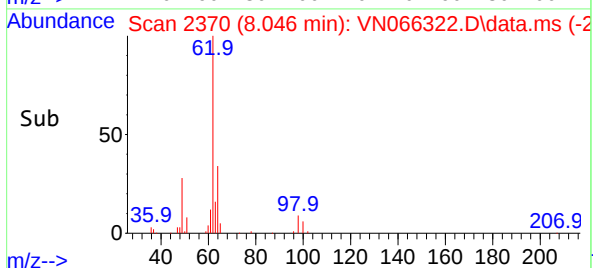
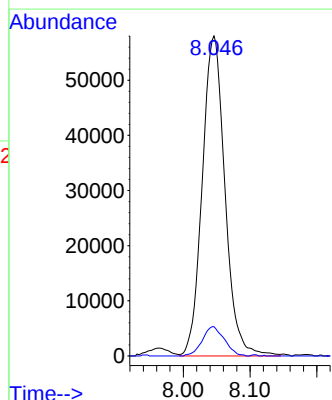
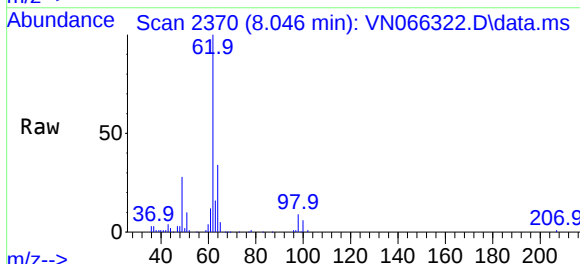
#35
Methacrylonitrile
Concen: 17.86 ug/l
RT: 7.078 min Scan# 2009
Delta R.T. -0.002 min
Lab File: VN066322.D
Acq: 25 Mar 2021 9:59

Tgt Ion:	41	Resp:	55165
Ion	Ratio	Lower	Upper
41	100		
39	57.5	27.3	81.8
67	63.9	31.4	94.3
52	26.1	13.3	39.8



#36
1,2-Dichloroethane
Concen: 19.72 ug/l
RT: 8.046 min Scan# 2370
Delta R.T. -0.002 min
Lab File: VN066322.D
Acq: 25 Mar 2021 9:59

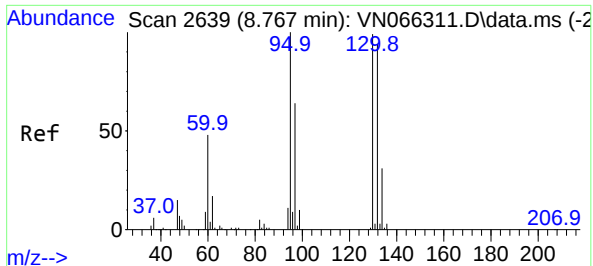
Tgt Ion:	62	Resp:	137138
Ion	Ratio	Lower	Upper
62	100		
98	8.9	6.9	10.3



Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020

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#37

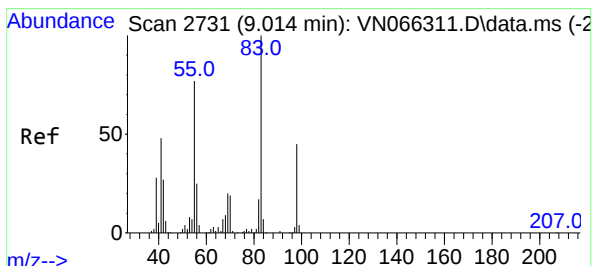
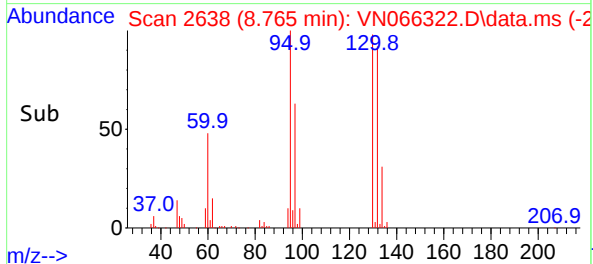
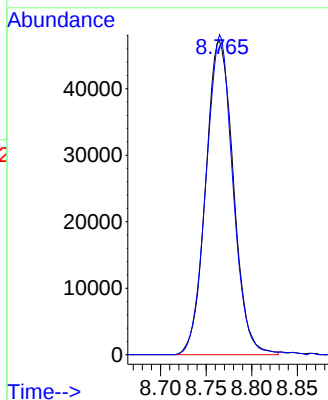
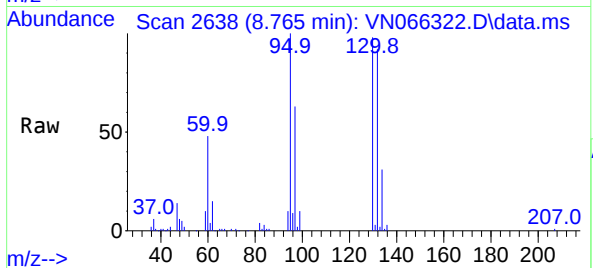
Trichloroethene
Concen: 20.19 ug/l
RT: 8.765 min Scan# 2638
Delta R.T. -0.002 min
Lab File: VN066322.D
Acq: 25 Mar 2021 9:59

Tgt Ion:130 Resp: 99947
Ion Ratio Lower Upper
130 100
95 101.7 80.7 121.1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

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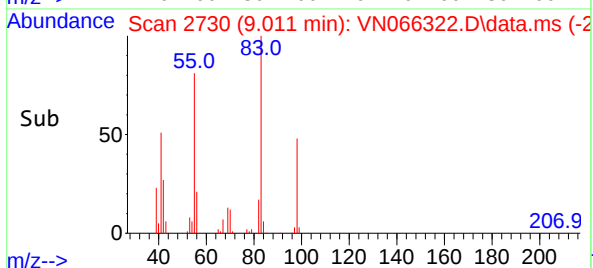
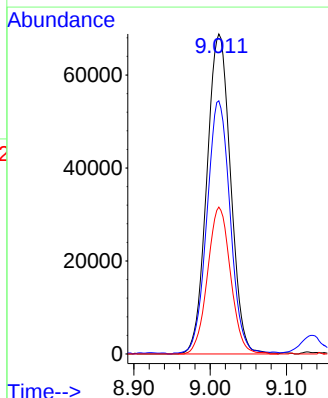
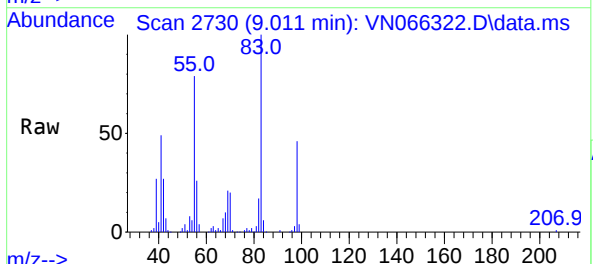
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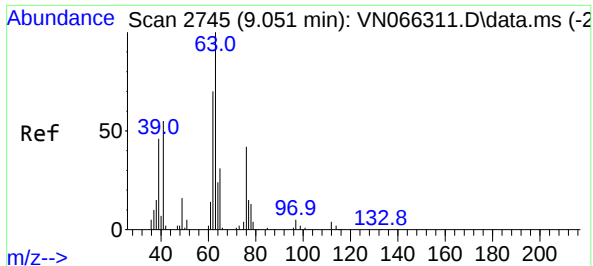


#38

Methylcyclohexane
Concen: 19.30 ug/l
RT: 9.011 min Scan# 2730
Delta R.T. -0.003 min
Lab File: VN066322.D
Acq: 25 Mar 2021 9:59

Tgt Ion: 83 Resp: 148781
Ion Ratio Lower Upper
83 100
55 76.8 38.8 116.3
98 44.5 22.2 66.6





#39

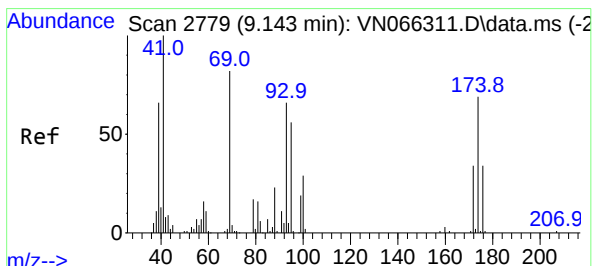
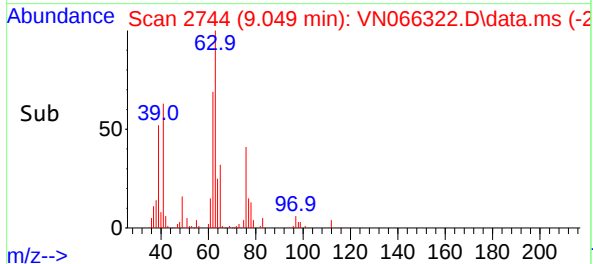
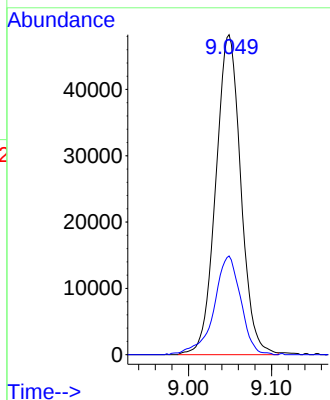
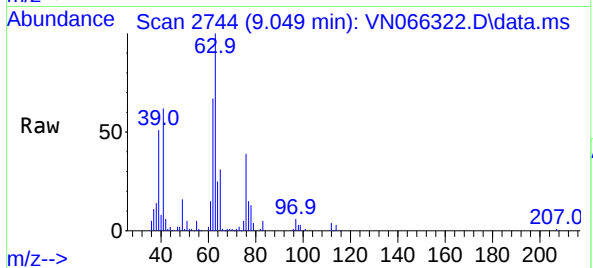
1,2-Dichloropropane
Concen: 19.69 ug/l
RT: 9.049 min Scan# 2744
Delta R.T. -0.002 min
Lab File: VN066322.D
Acq: 25 Mar 2021 9:59

Tgt Ion: 63 Resp: 101156
Ion Ratio Lower Upper
63 100
65 30.8 24.9 37.3

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020

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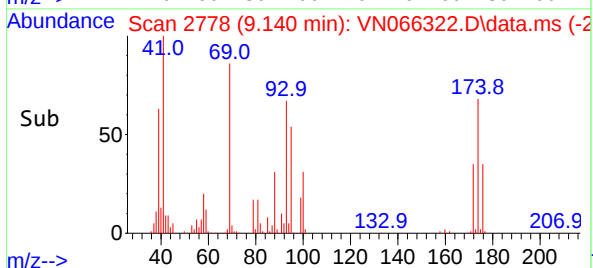
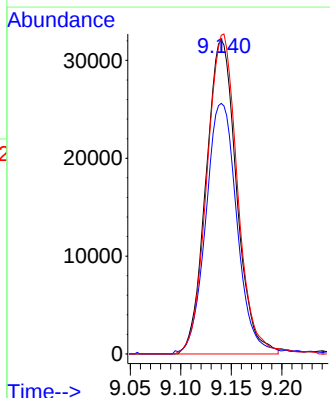
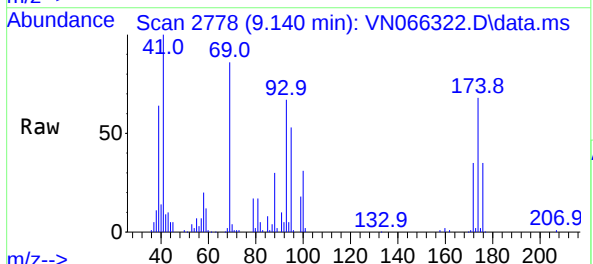
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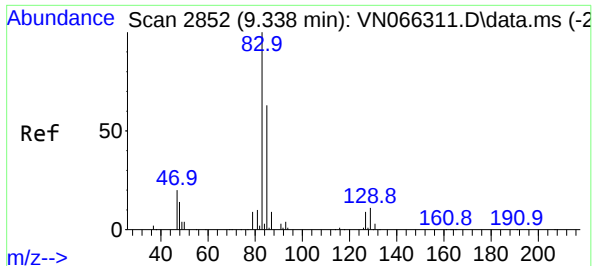


#40

Dibromomethane
Concen: 20.40 ug/l
RT: 9.140 min Scan# 2778
Delta R.T. -0.003 min
Lab File: VN066322.D
Acq: 25 Mar 2021 9:59

Tgt Ion: 93 Resp: 67400
Ion Ratio Lower Upper
93 100
95 81.3 0.0 169.0
174 102.1 0.0 205.8





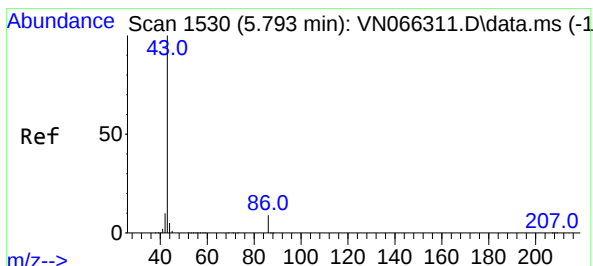
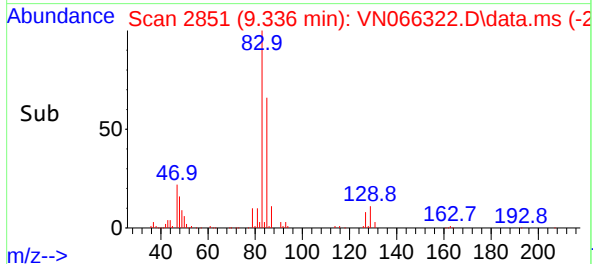
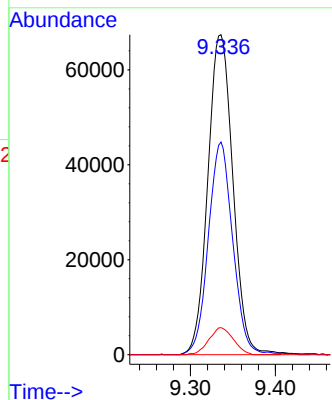
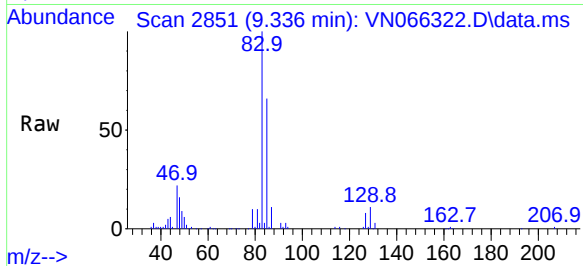
#41
Bromodichloromethane
Concen: 19.74 ug/l
RT: 9.336 min Scan# 2851
Delta R.T. -0.002 min
Lab File: VN066322.D
Acq: 25 Mar 2021 9:59

Tgt Ion: 83 Resp: 138047
Ion Ratio Lower Upper
83 100
85 66.4 50.6 75.8
127 8.5 6.9 10.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

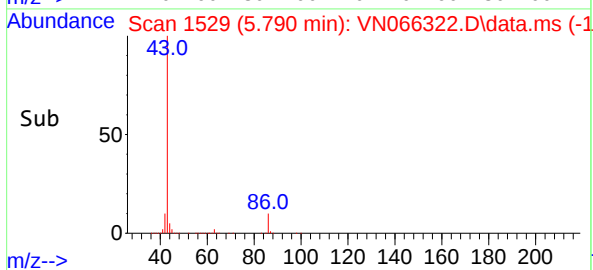
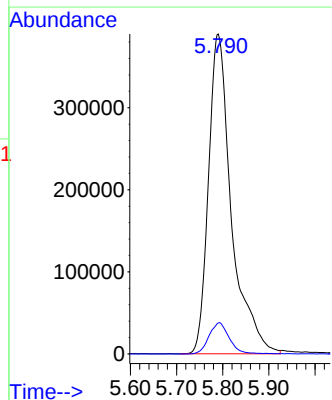
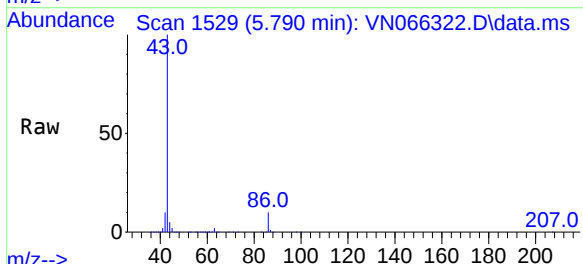
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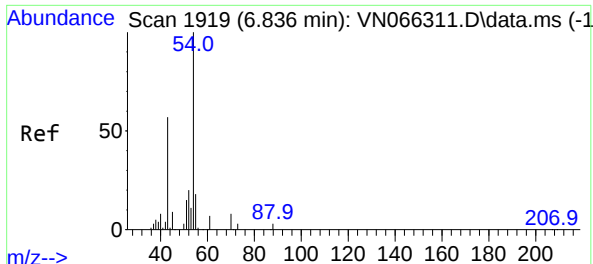
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#42
Vinyl Acetate
Concen: 97.84 ug/l
RT: 5.790 min Scan# 1529
Delta R.T. -0.003 min
Lab File: VN066322.D
Acq: 25 Mar 2021 9:59

Tgt Ion: 43 Resp: 1346303
Ion Ratio Lower Upper
43 100
86 8.5 6.7 10.1





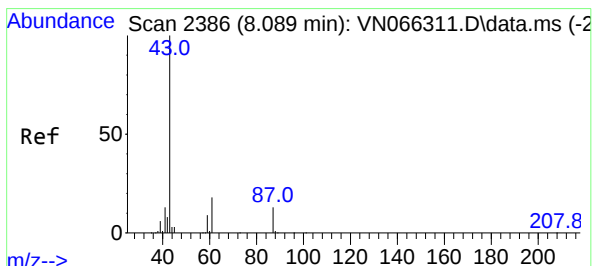
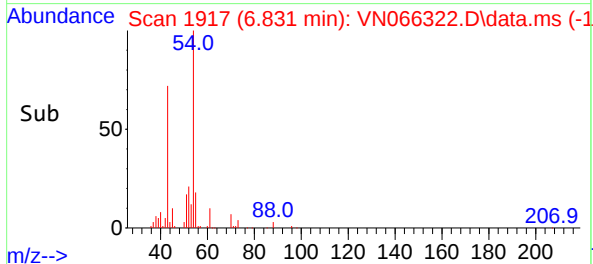
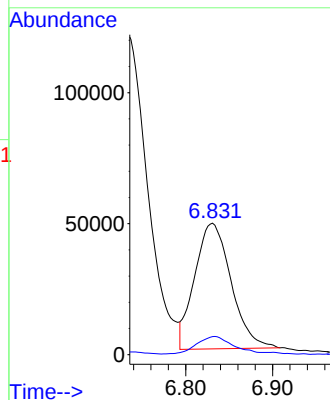
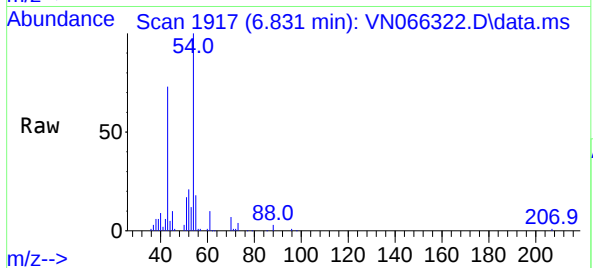
#43
Ethyl Acetate
Concen: 19.84 ug/l
RT: 6.831 min Scan# 1917
Delta R.T. -0.005 min
Lab File: VN066322.D
Acq: 25 Mar 2021 9:59

Tgt Ion: 43 Resp: 139524
Ion Ratio Lower Upper
43 100
45 13.5 0.0 0.0#

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

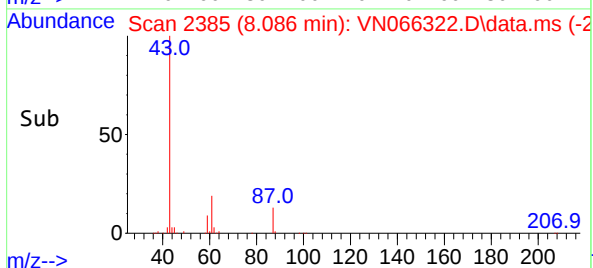
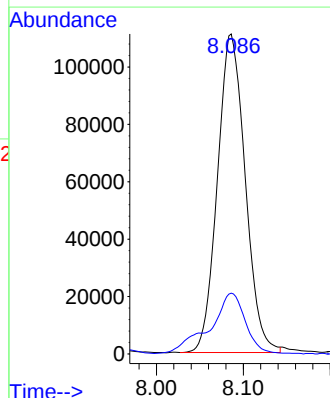
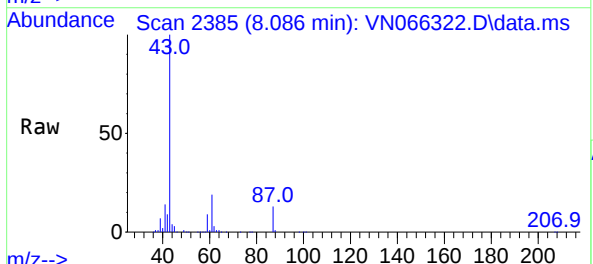
Manual Integrations
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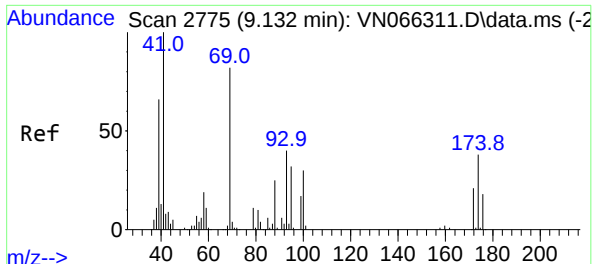
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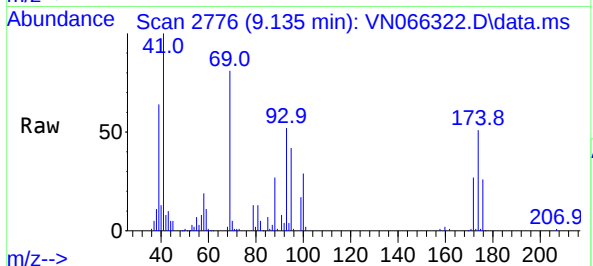
#44
Isopropyl Acetate
Concen: 19.64 ug/l
RT: 8.086 min Scan# 2385
Delta R.T. -0.003 min
Lab File: VN066322.D
Acq: 25 Mar 2021 9:59

Tgt Ion: 43 Resp: 246580
Ion Ratio Lower Upper
43 100
61 18.6 0.0 0.0#

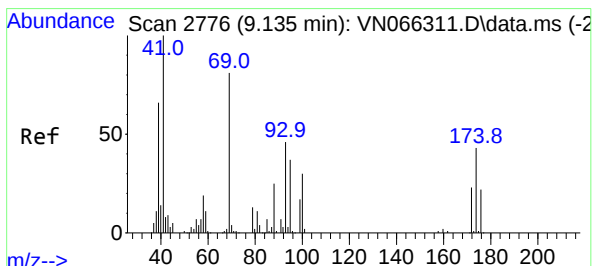
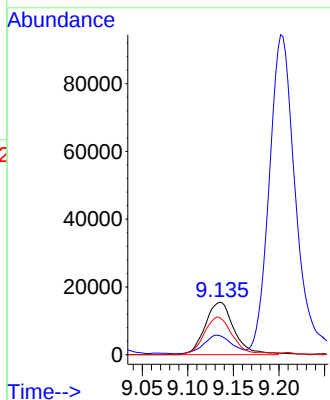
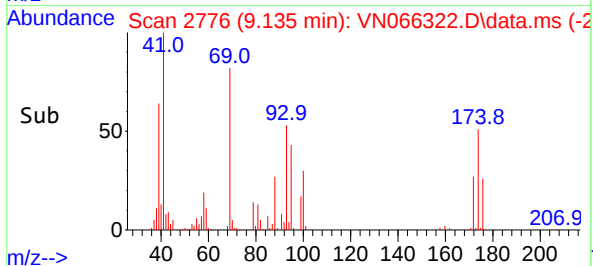




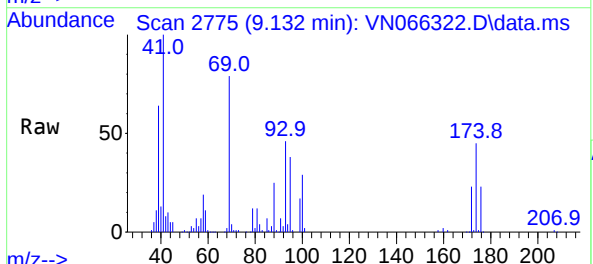
#45
1,4-Dioxane
Concen: 426.25 ug/l
RT: 9.135 min Scan# 2776
Delta R.T. 0.003 min
Lab File: VN066322.D
Acq: 25 Mar 2021 9:59



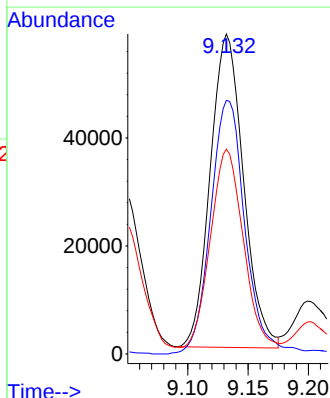
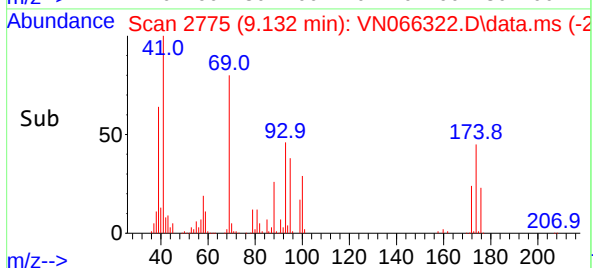
Tgt Ion: 88 Resp: 34141
Ion Ratio Lower Upper
88 100
43 34.1 27.0 40.4
58 68.8 57.9 86.9



#46
Methyl methacrylate
Concen: 18.93 ug/l
RT: 9.132 min Scan# 2775
Delta R.T. -0.003 min
Lab File: VN066322.D
Acq: 25 Mar 2021 9:59



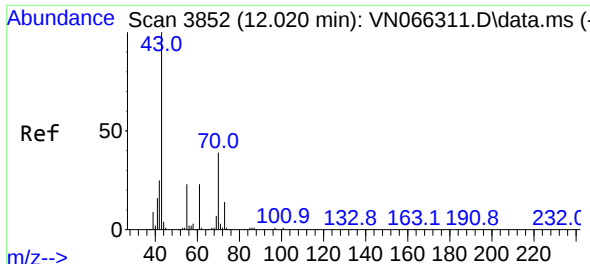
Tgt Ion: 41 Resp: 111020
Ion Ratio Lower Upper
41 100
69 80.5 40.6 121.7
39 63.4 33.2 99.6



Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020

Manual Integrations
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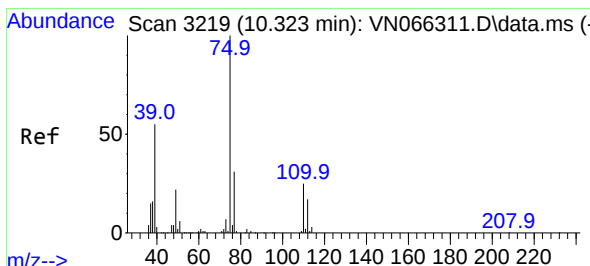
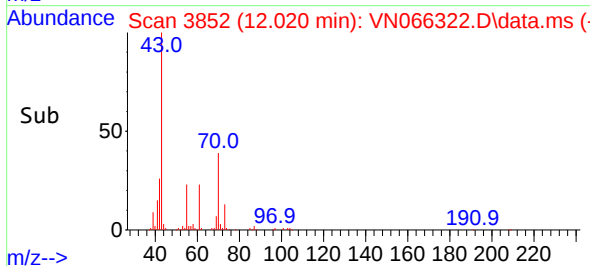
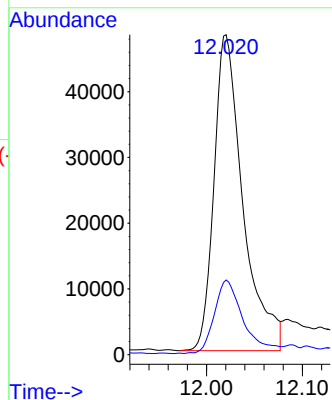
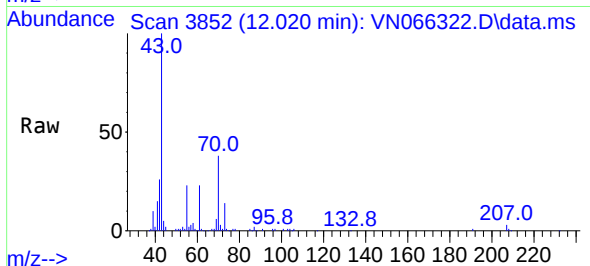
#47
n-amy1 Acetate
Concen: 17.64 ug/l
RT: 12.020 min Scan# 3852
Delta R.T. 0.000 min
Lab File: VN066322.D
Acq: 25 Mar 2021 9:59

Tgt Ion: 43 Resp: 100797
Ion Ratio Lower Upper
43 100
55 22.7 17.7 26.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

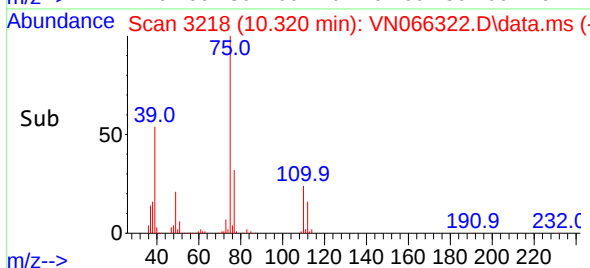
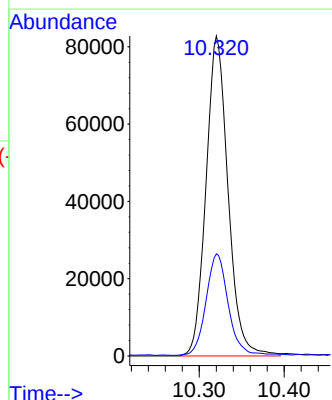
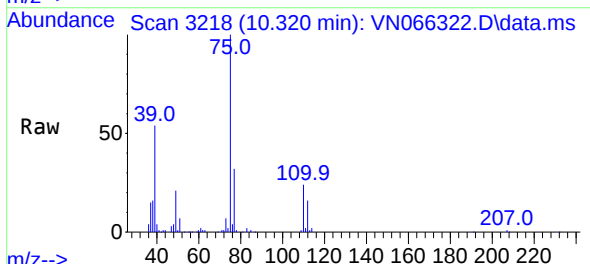
Manual Integrations
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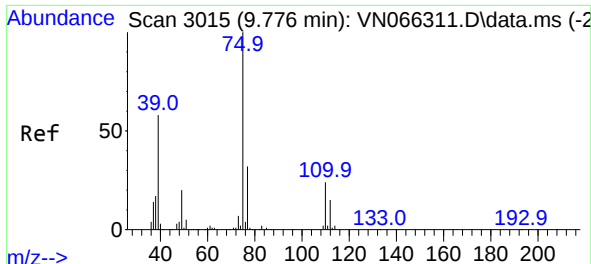
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#48
t-1,3-Dichloropropene
Concen: 19.63 ug/l
RT: 10.320 min Scan# 3218
Delta R.T. -0.003 min
Lab File: VN066322.D
Acq: 25 Mar 2021 9:59

Tgt Ion: 75 Resp: 149114
Ion Ratio Lower Upper
75 100
77 31.6 24.9 37.3





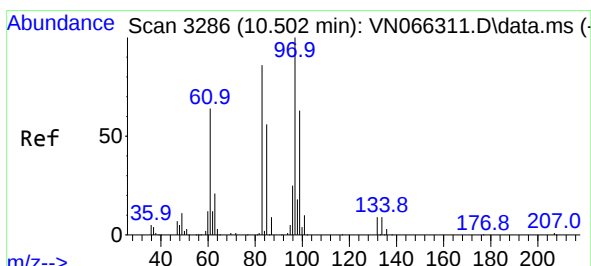
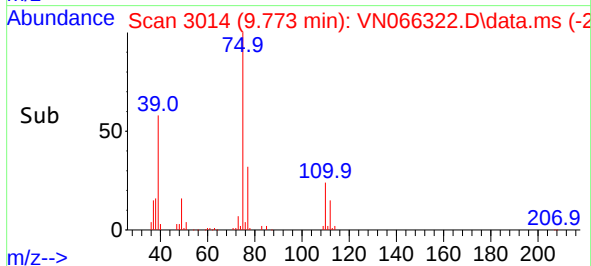
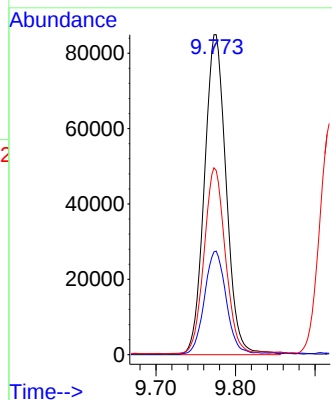
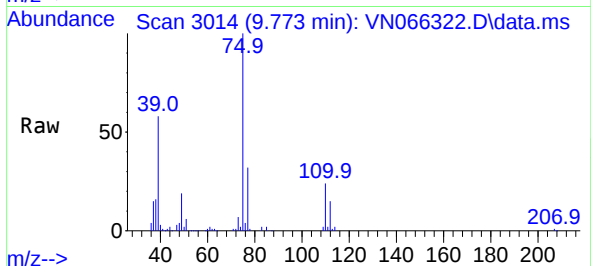
#49
cis-1,3-Dichloropropene
Concen: 19.80 ug/l
RT: 9.773 min Scan# 3014
Delta R.T. -0.003 min
Lab File: VN066322.D
Acq: 25 Mar 2021 9:59

Tgt Ion: 75 Resp: 161685
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.0
39 57.9 46.8 70.2

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020

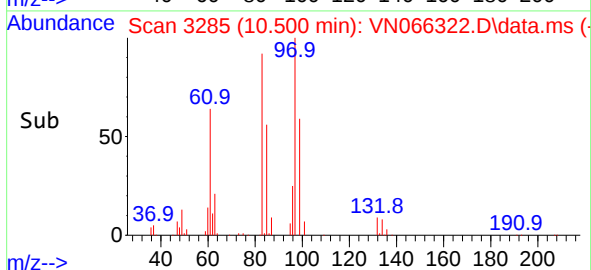
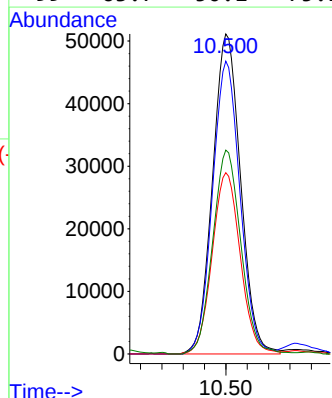
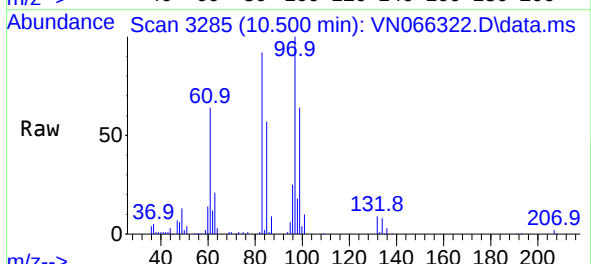
Manual Integrations
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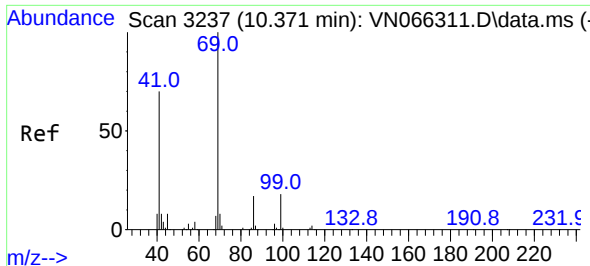
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#50
1,1,2-Trichloroethane
Concen: 19.70 ug/l
RT: 10.500 min Scan# 3285
Delta R.T. -0.002 min
Lab File: VN066322.D
Acq: 25 Mar 2021 9:59

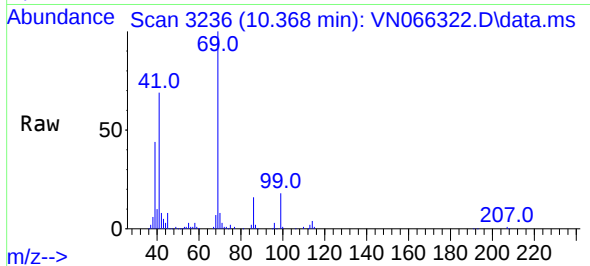
Tgt Ion: 97 Resp: 93141
Ion Ratio Lower Upper
97 100
83 91.5 68.8 103.2
85 56.6 44.8 67.2
99 63.7 50.1 75.1





#51
Ethyl methacrylate
Concen: 19.47 ug/l
RT: 10.368 min Scan# 3236
Delta R.T. -0.003 min
Lab File: VN066322.D
Acq: 25 Mar 2021 9:59

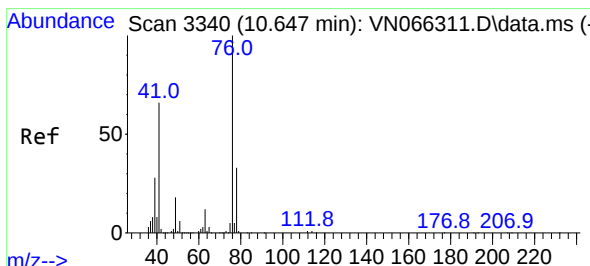
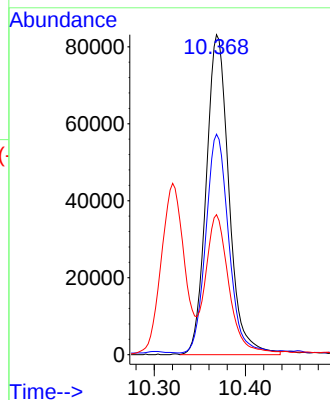
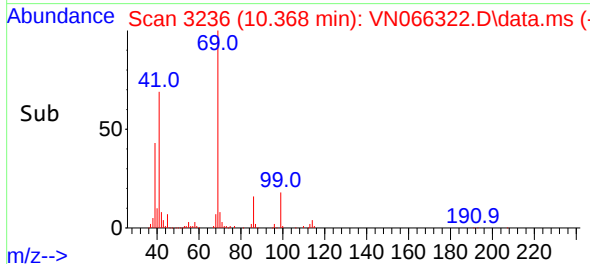
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



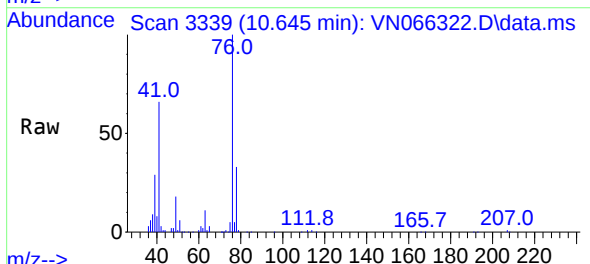
Tgt Ion: 69 Resp: 144129
Ion Ratio Lower Upper
69 100
41 68.4 34.8 104.5
39 42.8 22.5 67.5

Manual Integrations
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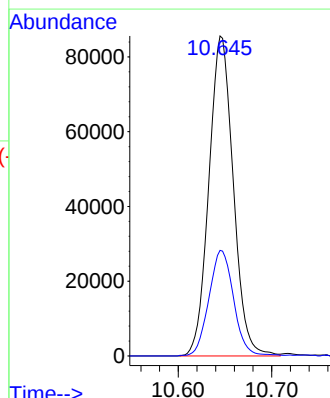
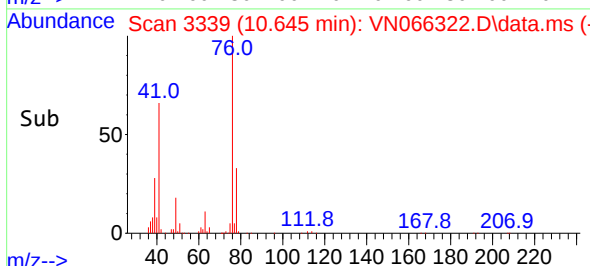
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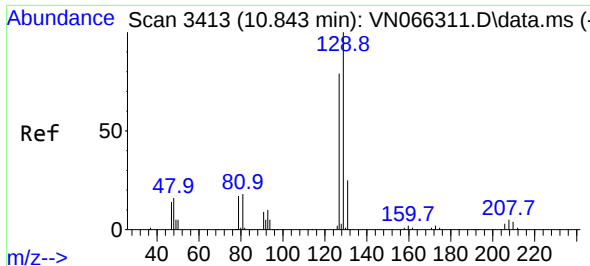


#52
1,3-Dichloropropane
Concen: 19.72 ug/l
RT: 10.645 min Scan# 3339
Delta R.T. -0.002 min
Lab File: VN066322.D
Acq: 25 Mar 2021 9:59



Tgt Ion: 76 Resp: 155452
Ion Ratio Lower Upper
76 100
78 33.0 0.0 65.6





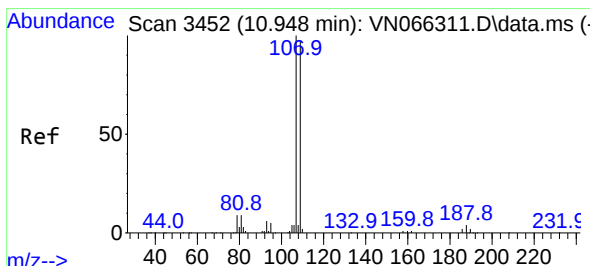
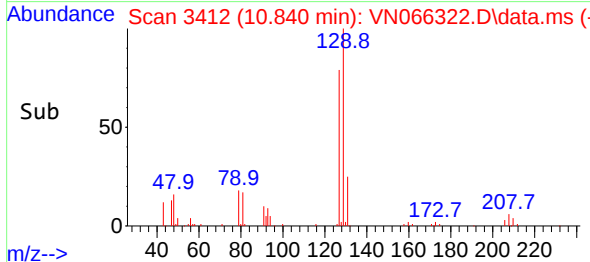
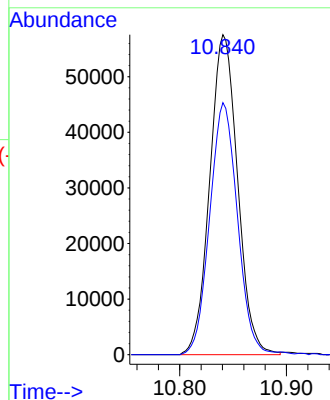
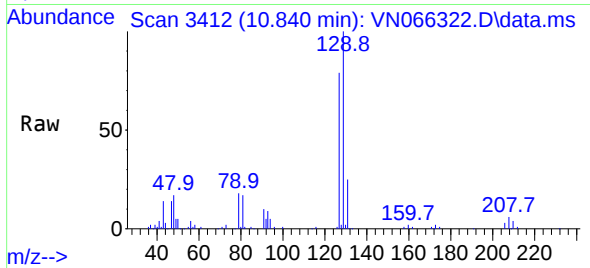
#53
Dibromochloromethane
Concen: 19.65 ug/l
RT: 10.840 min Scan# 3412
Delta R.T. -0.003 min
Lab File: VN066322.D
Acq: 25 Mar 2021 9:59

Tgt Ion:129 Resp: 104376
Ion Ratio Lower Upper
129 100
127 78.1 38.6 115.7

Instrument :
MSVOA_N
ClientSampleId :
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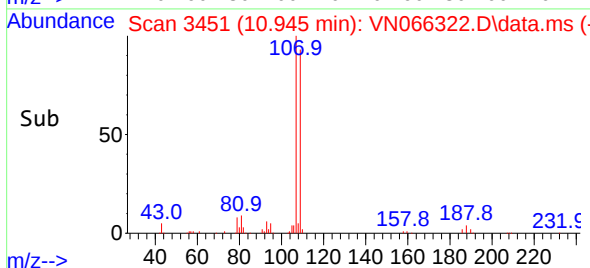
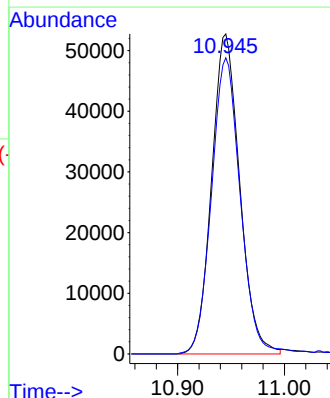
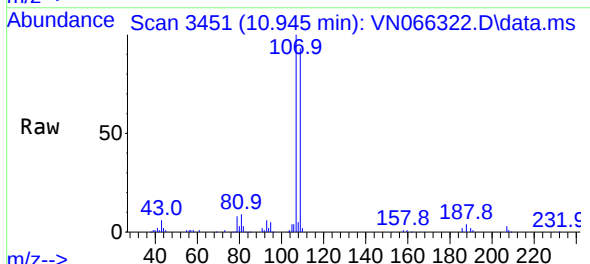
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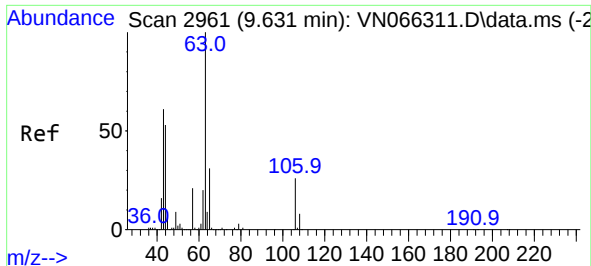
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#54
1,2-Dibromoethane
Concen: 19.75 ug/l
RT: 10.945 min Scan# 3451
Delta R.T. -0.003 min
Lab File: VN066322.D
Acq: 25 Mar 2021 9:59

Tgt Ion:107 Resp: 96110
Ion Ratio Lower Upper
107 100
109 95.0 75.8 113.6





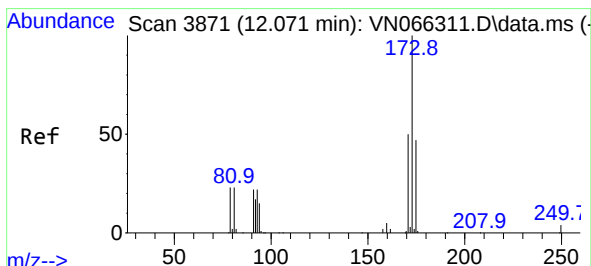
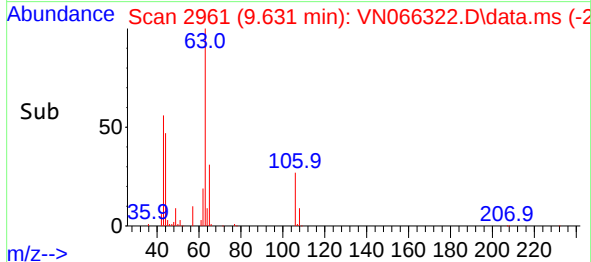
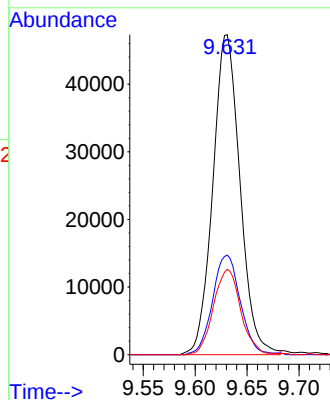
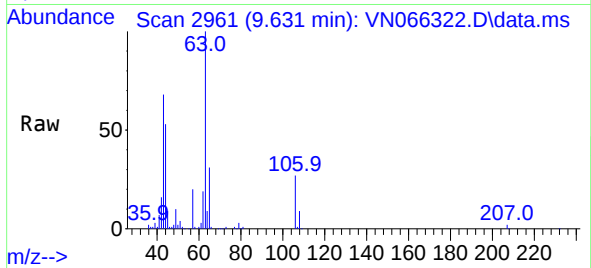
#55
2-Chloroethyl vinyl ether
Concen: 78.19 ug/l
RT: 9.631 min Scan# 2961
Delta R.T. -0.000 min
Lab File: VN066322.D
Acq: 25 Mar 2021 9:59

Tgt Ion:	63	Resp:	86035
Ion	Ratio	Lower	Upper
63	100		
65	31.7	26.0	39.0
106	26.8	20.6	31.0

Instrument :
MSVOA_N
ClientSampleId :
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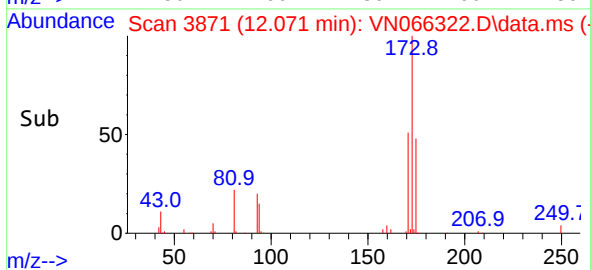
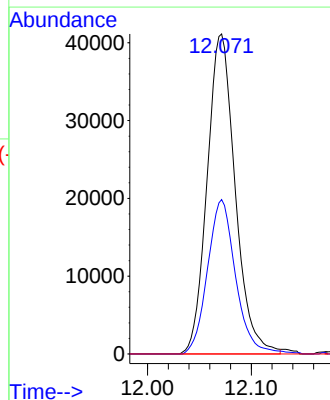
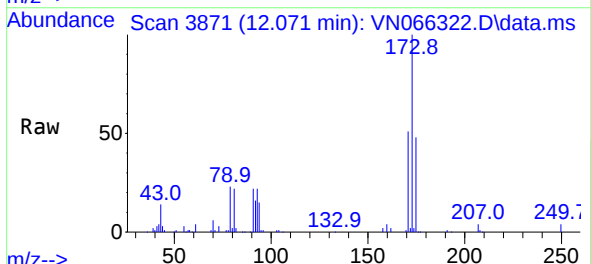
Manual Integrations
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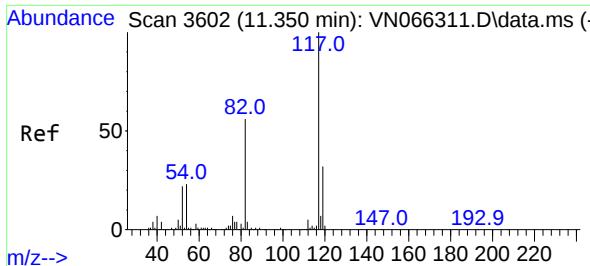
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#56
Bromoform
Concen: 19.81 ug/l
RT: 12.071 min Scan# 3871
Delta R.T. 0.000 min
Lab File: VN066322.D
Acq: 25 Mar 2021 9:59

Tgt Ion:	173	Resp:	77224
Ion	Ratio	Lower	Upper
173	100		
175	48.4	38.3	57.5
254	0.0	0.0	0.0





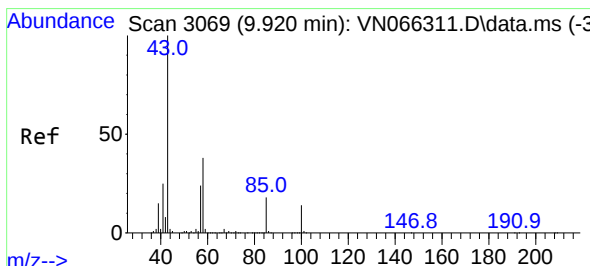
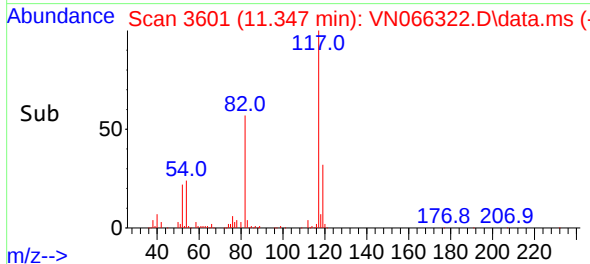
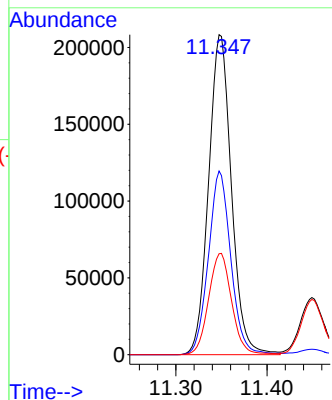
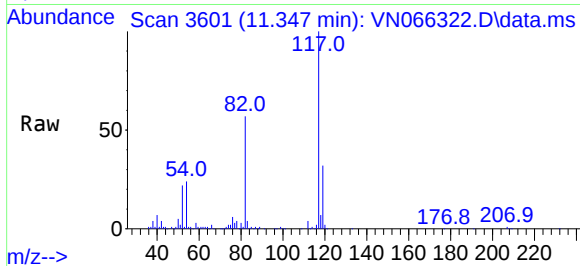
#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.347 min Scan# 3601
Delta R.T. -0.003 min
Lab File: VN066322.D
Acq: 25 Mar 2021 9:59

Tgt Ion: 117 Resp: 361928
Ion Ratio Lower Upper
117 100
82 56.5 45.0 67.6
119 32.0 25.5 38.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

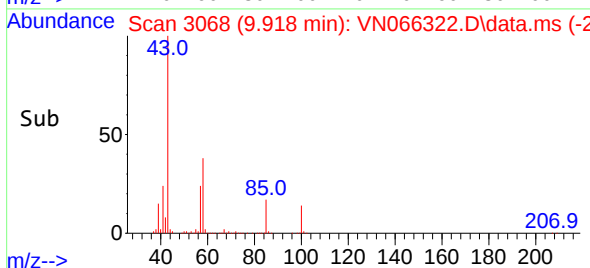
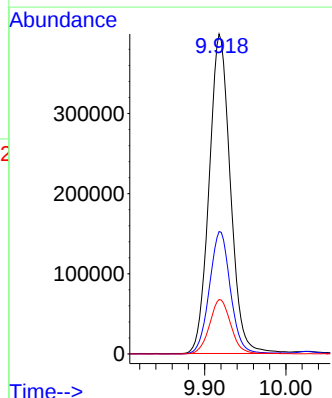
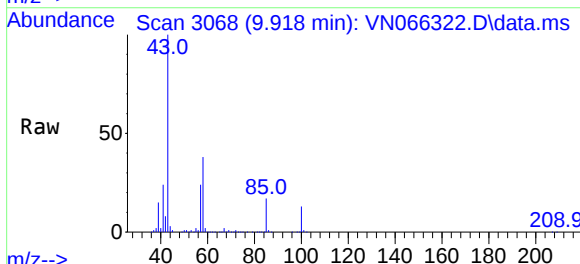
Manual Integrations
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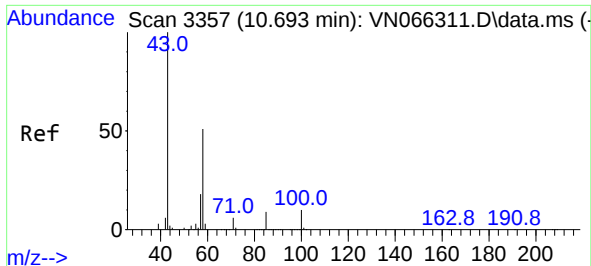
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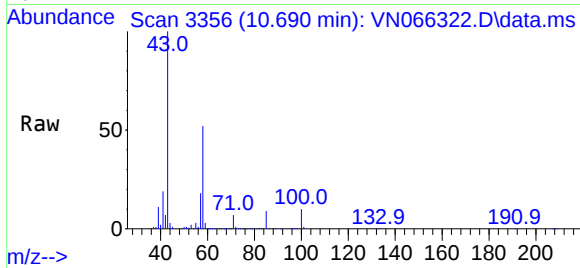
#58
4-Methyl-2-Pentanone
Concen: 99.87 ug/l
RT: 9.918 min Scan# 3068
Delta R.T. -0.002 min
Lab File: VN066322.D
Acq: 25 Mar 2021 9:59

Tgt Ion: 43 Resp: 724212
Ion Ratio Lower Upper
43 100
58 38.1 30.4 45.6
85 17.0 13.8 20.8

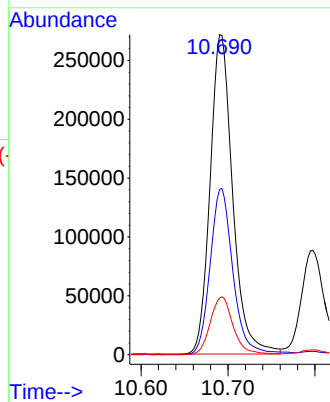
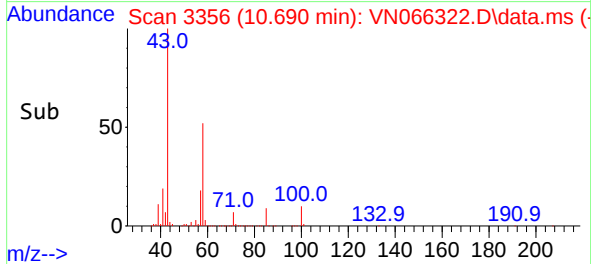




#59
2-Hexanone
Concen: 98.21 ug/l
RT: 10.690 min Scan# 3356
Delta R.T. -0.003 min
Lab File: VN066322.D
Acq: 25 Mar 2021 9:59



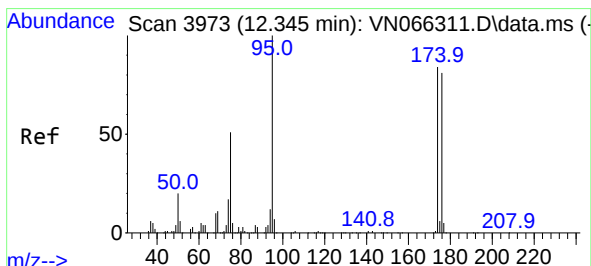
Tgt Ion: 43 Resp: 490039
Ion Ratio Lower Upper
43 100
58 52.6 41.8 62.6
57 18.2 14.9 22.3



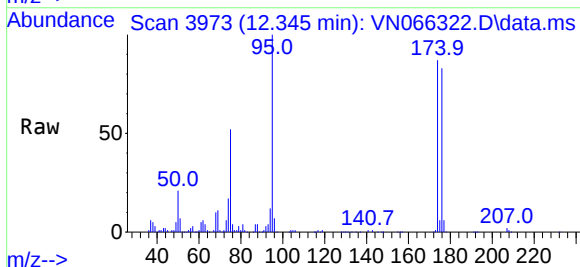
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Manual Integrations
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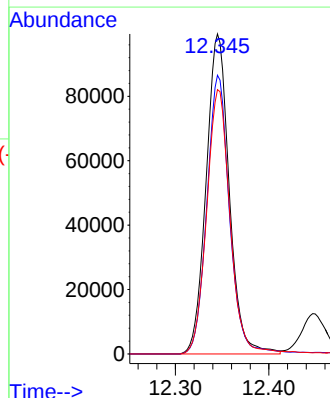
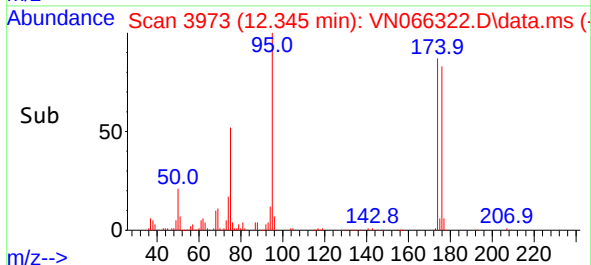
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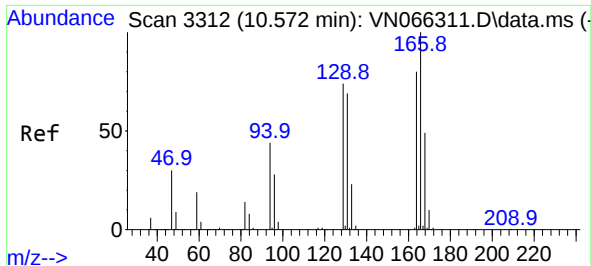


#60
4-Bromofluorobenzene
Concen: 30.20 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.000 min
Lab File: VN066322.D
Acq: 25 Mar 2021 9:59



Tgt Ion: 95 Resp: 170608
Ion Ratio Lower Upper
95 100
174 85.4 68.1 102.1
176 83.5 65.4 98.0





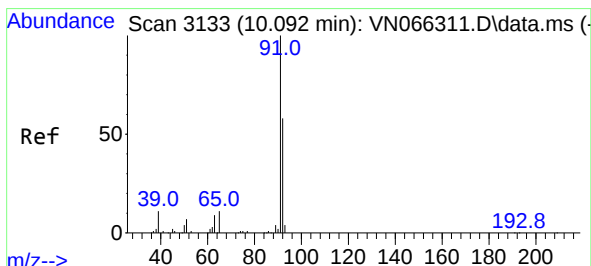
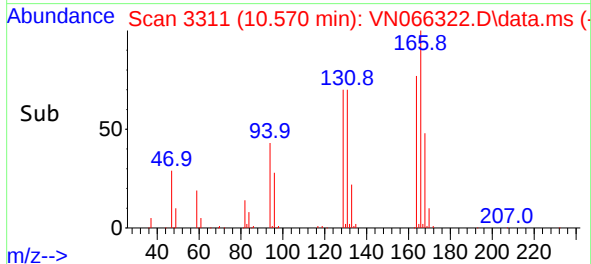
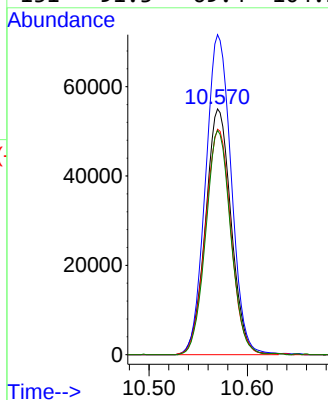
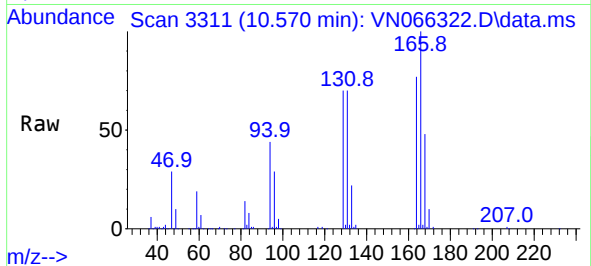
#61
Tetrachloroethene
Concen: 20.03 ug/l
RT: 10.570 min Scan# 3311
Delta R.T. -0.002 min
Lab File: VN066322.D
Acq: 25 Mar 2021 9:59

Tgt Ion:	164	Resp:	99802
Ion	Ratio	Lower	Upper
164	100		
166	129.9	100.5	150.7
129	91.4	74.7	112.1
131	91.3	69.4	104.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

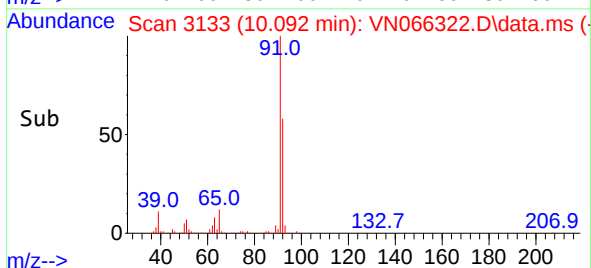
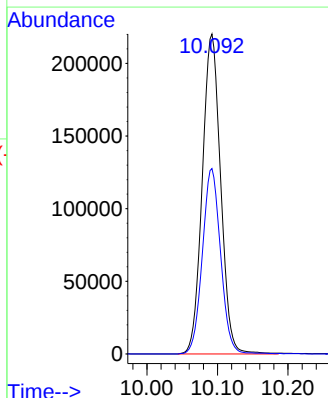
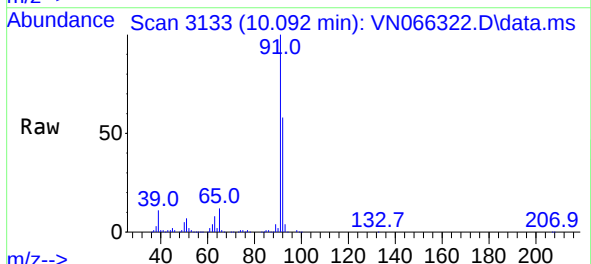
Manual Integrations
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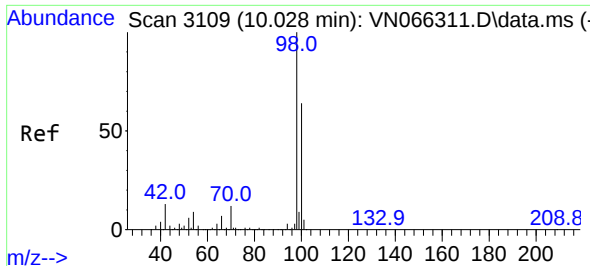
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#62
Toluene
Concen: 19.88 ug/l
RT: 10.092 min Scan# 3133
Delta R.T. 0.000 min
Lab File: VN066322.D
Acq: 25 Mar 2021 9:59

Tgt Ion:	91	Resp:	398262
Ion	Ratio	Lower	Upper
91	100		
92	57.4	46.2	69.2





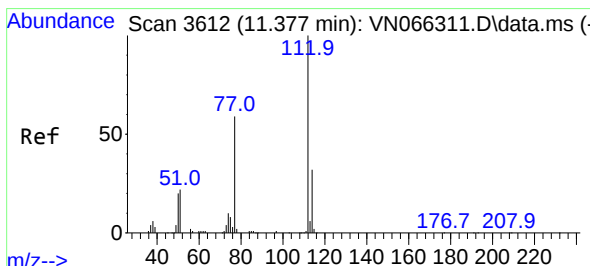
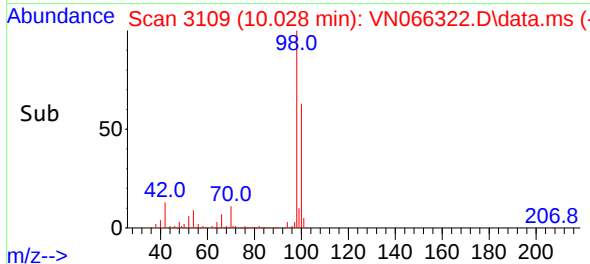
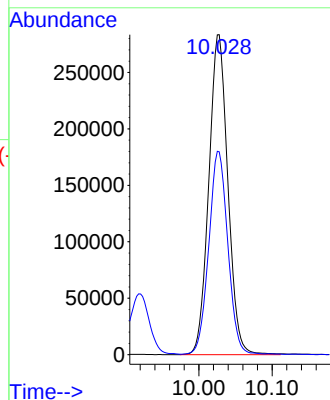
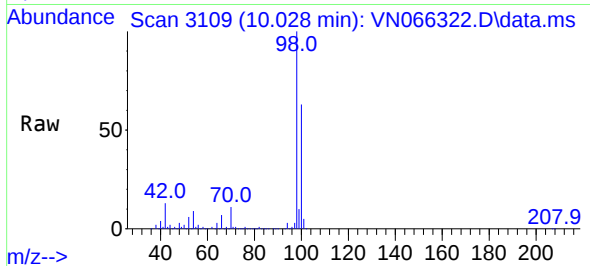
#63
Toluene-d8
Concen: 30.16 ug/l
RT: 10.028 min Scan# 3109
Delta R.T. -0.000 min
Lab File: VN066322.D
Acq: 25 Mar 2021 9:59

Tgt Ion: 98 Resp: 512271
Ion Ratio Lower Upper
98 100
100 63.1 51.1 76.7

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

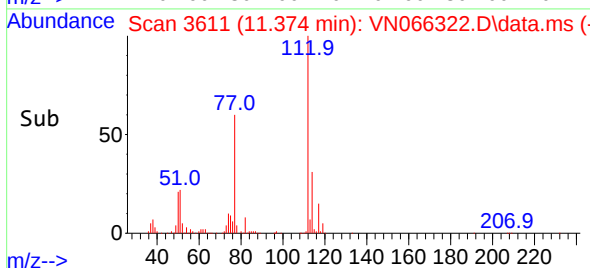
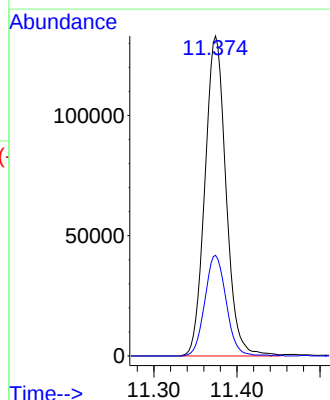
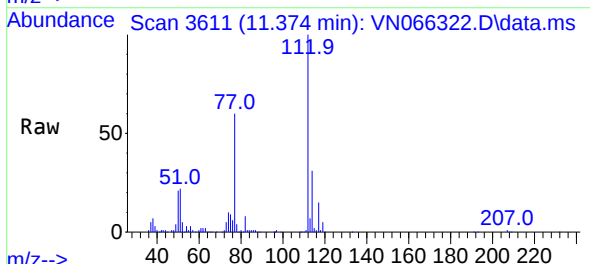
Manual Integrations
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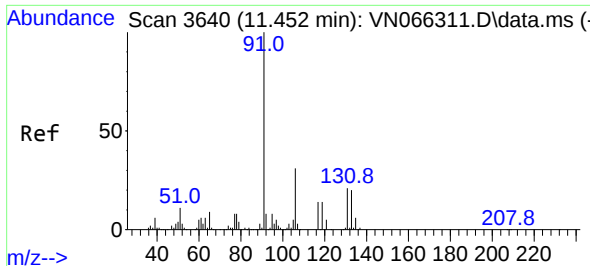
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#64
Chlorobenzene
Concen: 19.92 ug/l
RT: 11.374 min Scan# 3611
Delta R.T. -0.003 min
Lab File: VN066322.D
Acq: 25 Mar 2021 9:59

Tgt Ion: 112 Resp: 234466
Ion Ratio Lower Upper
112 100
114 31.4 25.6 38.4





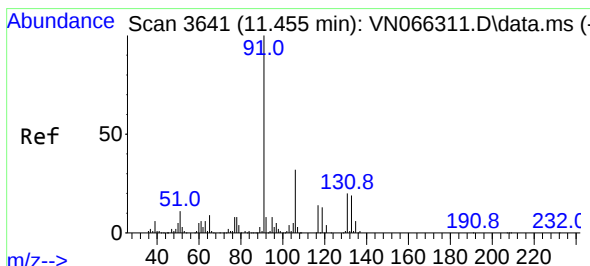
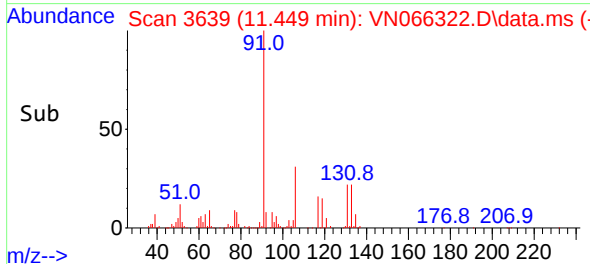
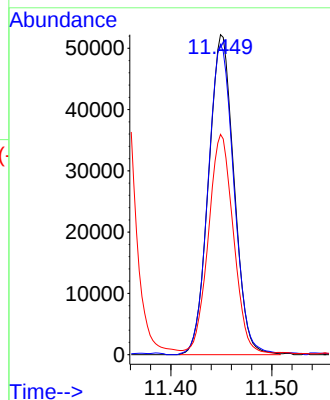
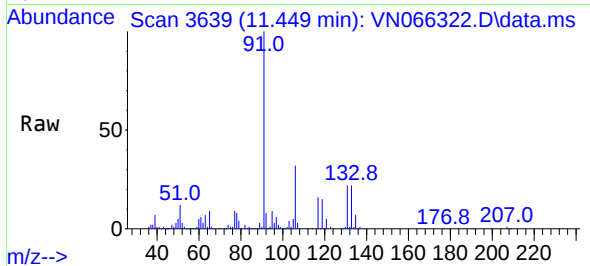
#65
1,1,1,2-Tetrachloroethane
Concen: 19.77 ug/l
RT: 11.449 min Scan# 3639
Delta R.T. -0.003 min
Lab File: VN066322.D
Acq: 25 Mar 2021 9:59

Tgt Ion:131 Resp: 91300
Ion Ratio Lower Upper
131 100
133 98.7 0.0 188.4
119 67.1 0.0 134.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

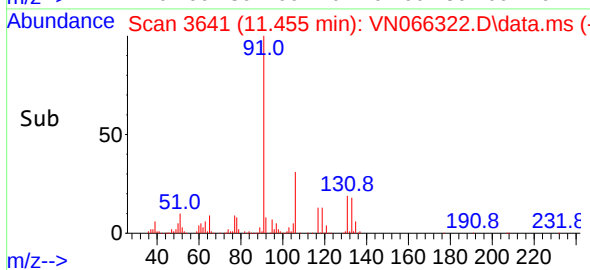
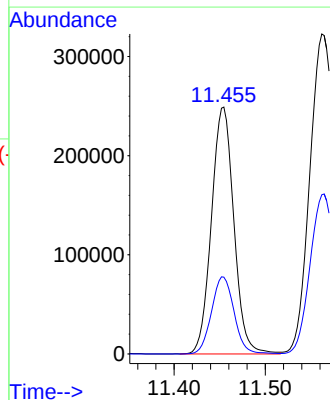
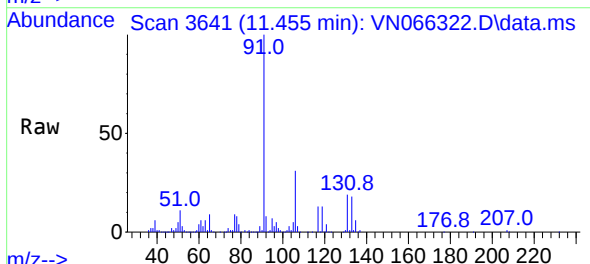
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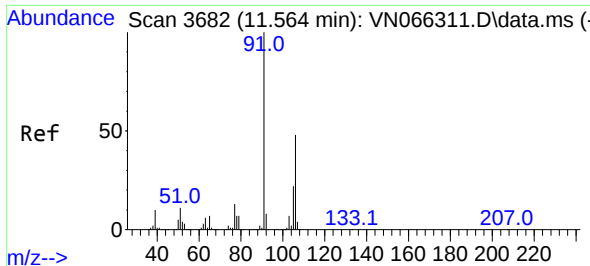
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#66
Ethyl Benzene
Concen: 19.71 ug/l
RT: 11.455 min Scan# 3641
Delta R.T. -0.000 min
Lab File: VN066322.D
Acq: 25 Mar 2021 9:59

Tgt Ion: 91 Resp: 425498
Ion Ratio Lower Upper
91 100
106 31.1 25.5 38.3





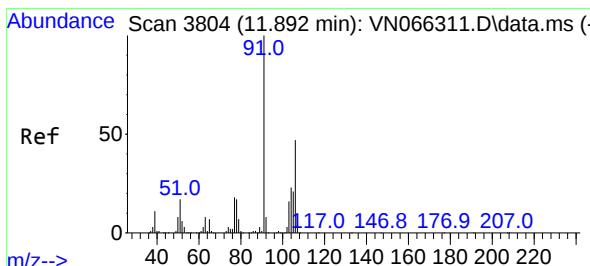
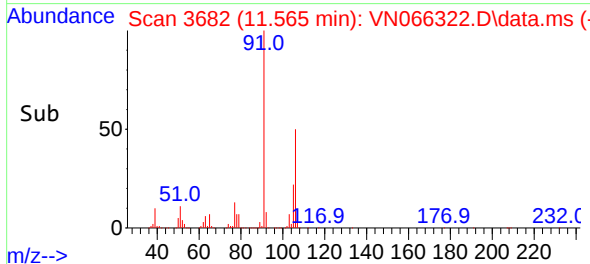
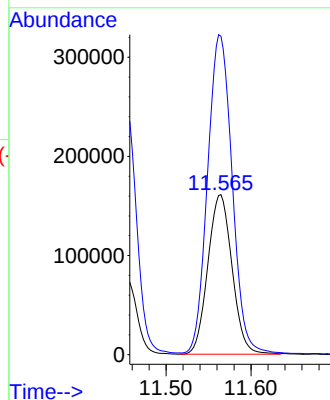
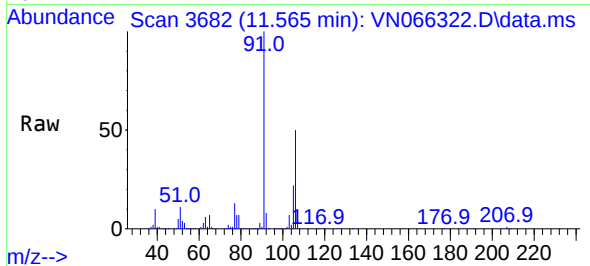
#67
m/p-Xylenes
Concen: 39.75 ug/l
RT: 11.565 min Scan# 3682
Delta R.T. 0.001 min
Lab File: VN066322.D
Acq: 25 Mar 2021 9:59

Tgt Ion:106 Resp: 318895
Ion Ratio Lower Upper
106 100
91 202.8 164.8 247.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

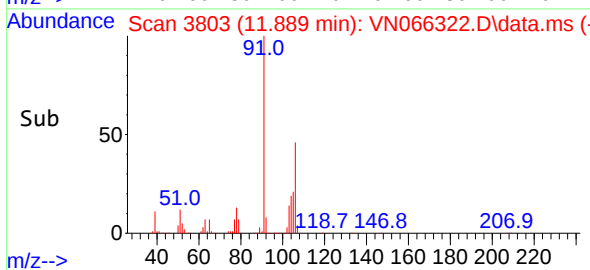
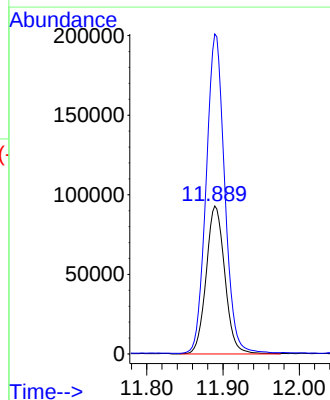
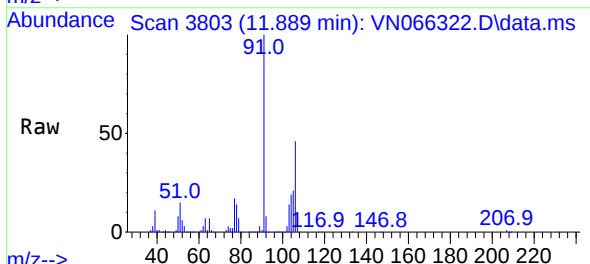
Manual Integrations
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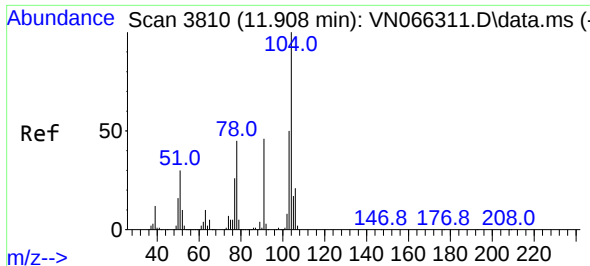
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#68
o-Xylene
Concen: 19.99 ug/l
RT: 11.889 min Scan# 3803
Delta R.T. -0.003 min
Lab File: VN066322.D
Acq: 25 Mar 2021 9:59

Tgt Ion:106 Resp: 158226
Ion Ratio Lower Upper
106 100
91 213.5 107.1 321.4





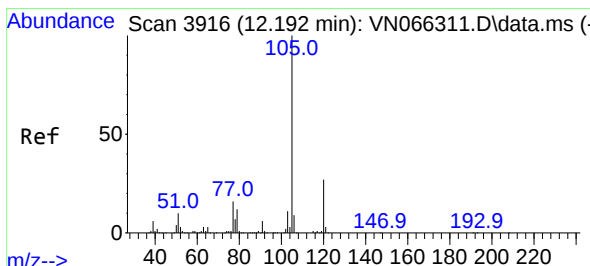
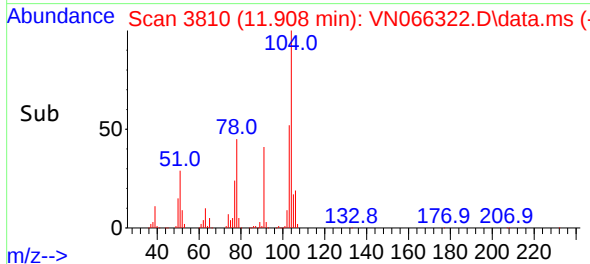
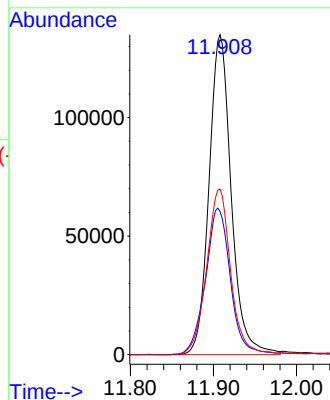
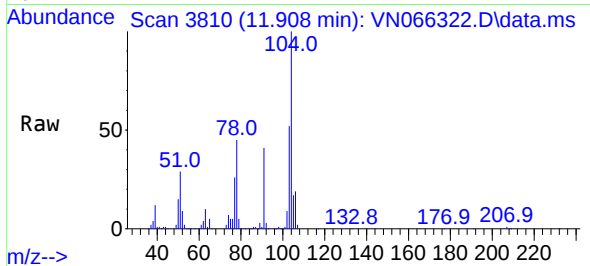
#69
Styrene
Concen: 19.75 ug/l
RT: 11.908 min Scan# 3810
Delta R.T. 0.000 min
Lab File: VN066322.D
Acq: 25 Mar 2021 9:59

Tgt Ion:104 Resp: 250564
Ion Ratio Lower Upper
104 100
78 51.4 41.0 61.6
103 56.1 43.7 65.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

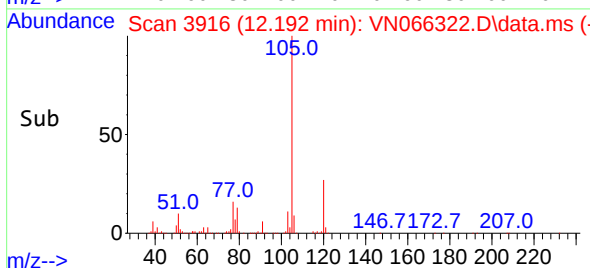
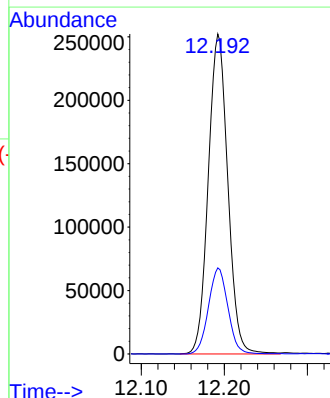
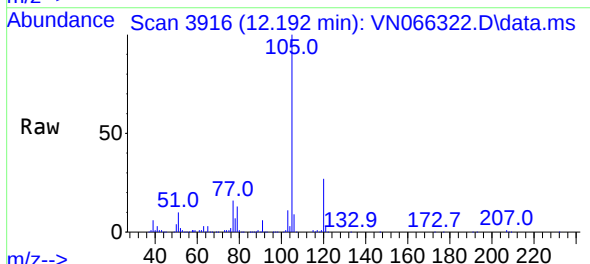
Manual Integrations
APPROVED

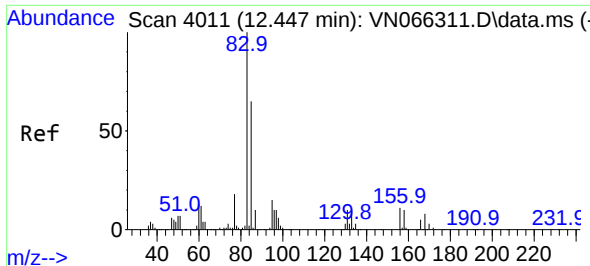
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#70
Isopropylbenzene
Concen: 19.71 ug/l
RT: 12.192 min Scan# 3916
Delta R.T. 0.000 min
Lab File: VN066322.D
Acq: 25 Mar 2021 9:59

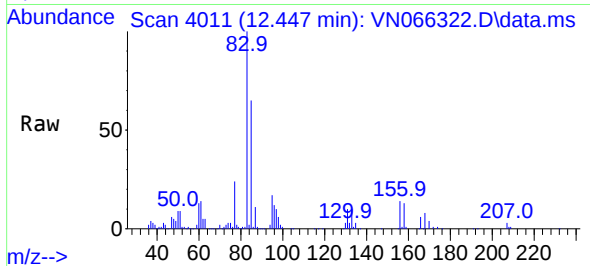
Tgt Ion:105 Resp: 410498
Ion Ratio Lower Upper
105 100
120 26.8 18.7 34.7





#71
1,1,2,2-Tetrachloroethane
Concen: 19.91 ug/l
RT: 12.447 min Scan# 4011
Delta R.T. 0.000 min
Lab File: VN066322.D
Acq: 25 Mar 2021 9:59

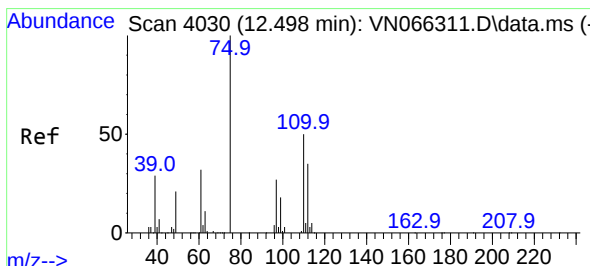
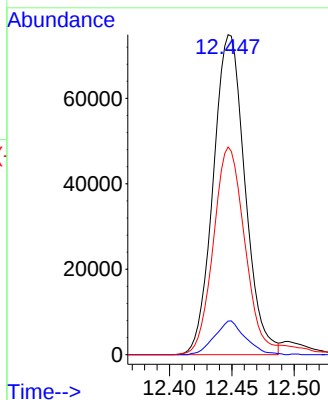
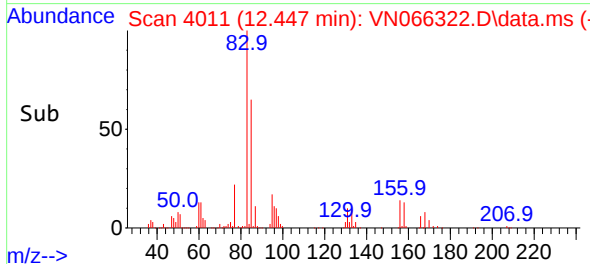
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020



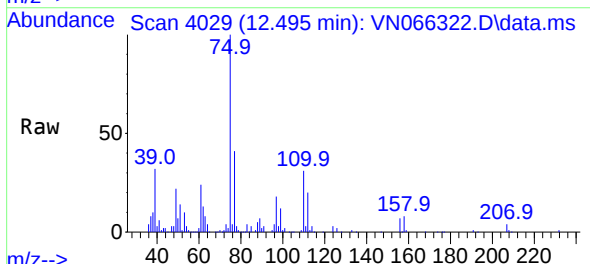
Tgt Ion: 83 Resp: 132803
Ion Ratio Lower Upper
83 100
131 10.2 4.9 14.6
85 64.2 31.4 94.2

Manual Integrations
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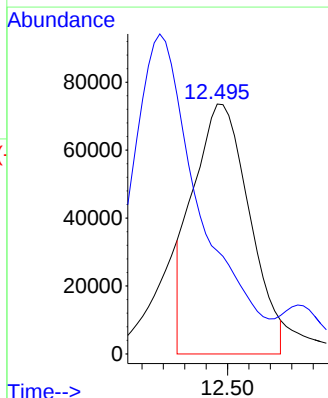
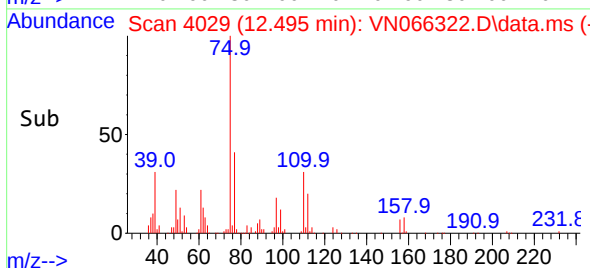
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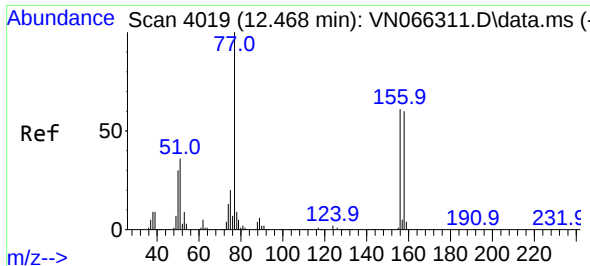


#72
1,2,3-Trichloropropane
Concen: 20.81 ug/l m
RT: 12.495 min Scan# 4029
Delta R.T. -0.003 min
Lab File: VN066322.D
Acq: 25 Mar 2021 9:59



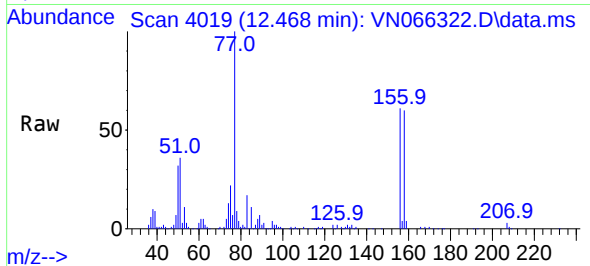
Tgt Ion: 75 Resp: 134041
Ion Ratio Lower Upper
75 100
77 154.2 0.0 313.6





#73
Bromobenzene
Concen: 19.84 ug/l
RT: 12.468 min Scan# 4019
Delta R.T. 0.000 min
Lab File: VN066322.D
Acq: 25 Mar 2021 9:59

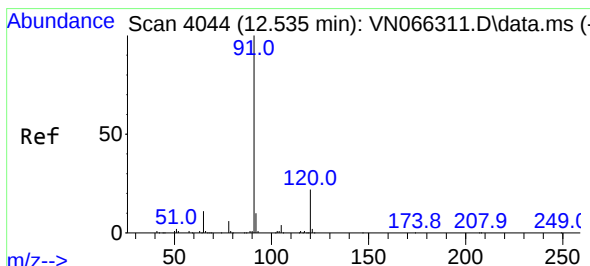
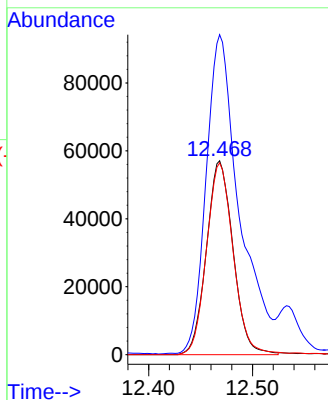
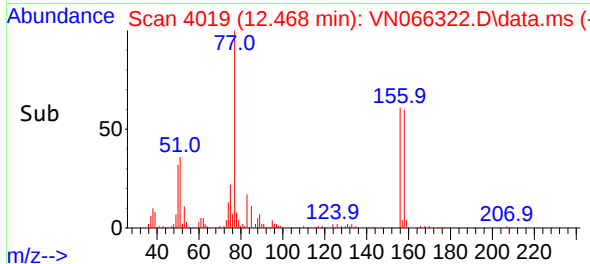
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



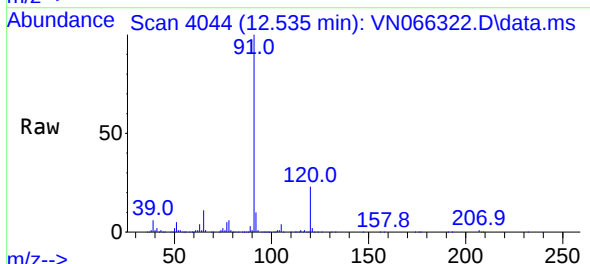
Tgt Ion:156 Resp: 101852
Ion Ratio Lower Upper
156 100
77 202.9 0.0 399.6
158 99.3 0.0 192.8

Manual Integrations
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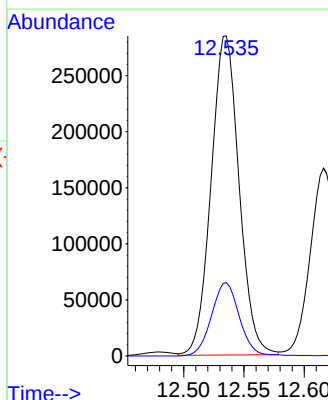
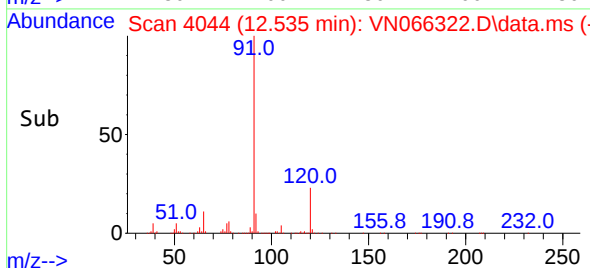
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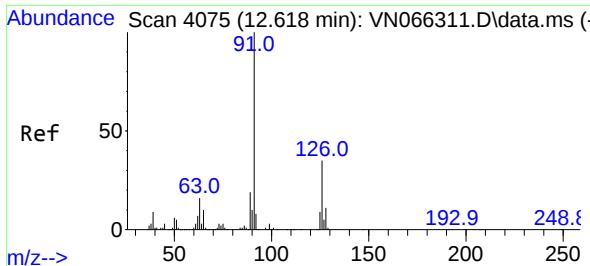


#74
n-propylbenzene
Concen: 19.94 ug/l
RT: 12.535 min Scan# 4044
Delta R.T. 0.000 min
Lab File: VN066322.D
Acq: 25 Mar 2021 9:59



Tgt Ion: 91 Resp: 459146
Ion Ratio Lower Upper
91 100
120 22.8 0.0 45.2





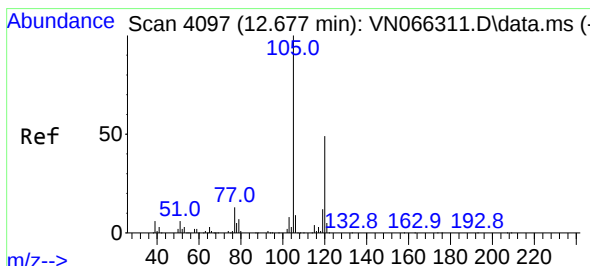
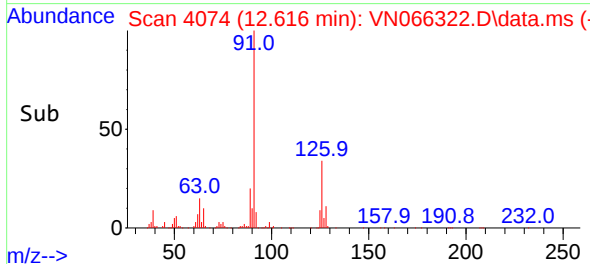
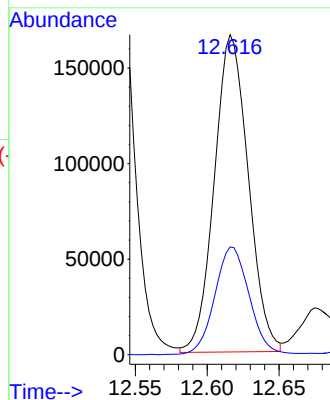
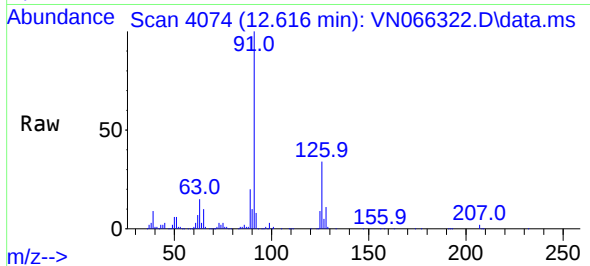
#75
2-Chlorotoluene
Concen: 19.55 ug/l
RT: 12.616 min Scan# 4074
Delta R.T. -0.003 min
Lab File: VN066322.D
Acq: 25 Mar 2021 9:59

Tgt Ion: 91 Resp: 272535
Ion Ratio Lower Upper
91 100
126 34.6 0.0 68.6

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020

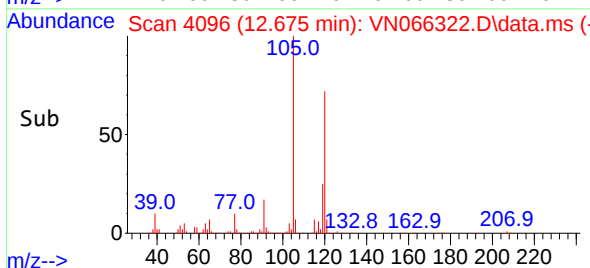
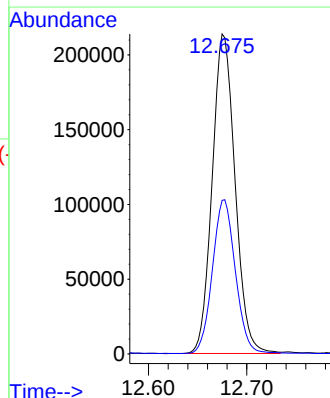
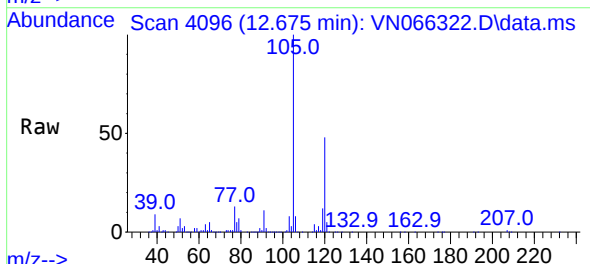
Manual Integrations
APPROVED

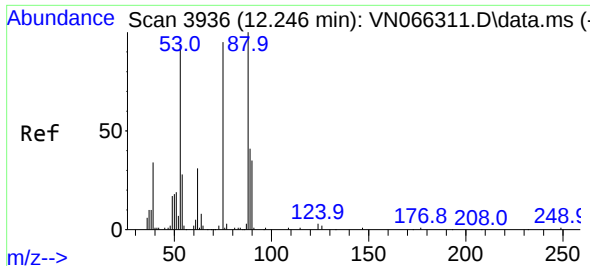
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#76
1,3,5-Trimethylbenzene
Concen: 20.19 ug/l
RT: 12.675 min Scan# 4096
Delta R.T. -0.003 min
Lab File: VN066322.D
Acq: 25 Mar 2021 9:59

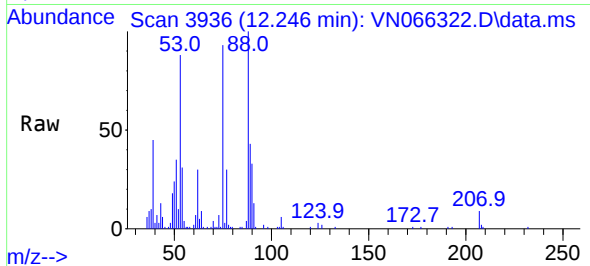
Tgt Ion: 105 Resp: 346164
Ion Ratio Lower Upper
105 100
120 48.0 0.0 98.2





#77
t-1,4-Dichloro-2-butene
Concen: 20.09 ug/l
RT: 12.246 min Scan# 3936
Delta R.T. 0.000 min
Lab File: VN066322.D
Acq: 25 Mar 2021 9:59

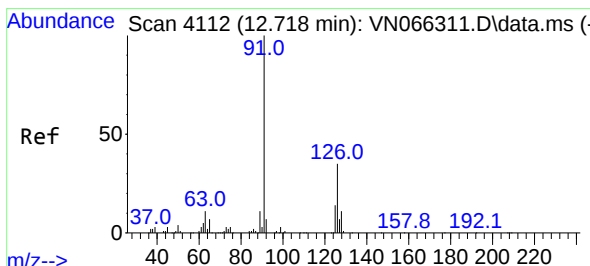
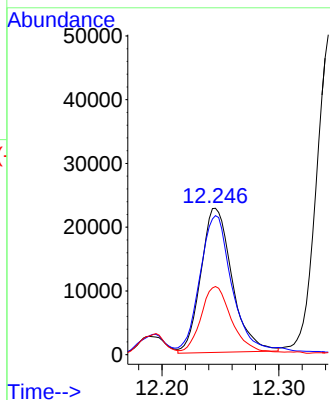
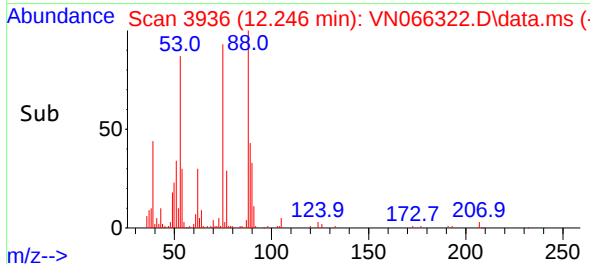
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020



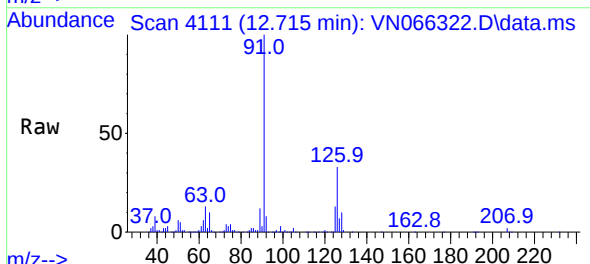
Tgt Ion: 75 Resp: 41968
Ion Ratio Lower Upper
75 100
53 93.7 49.6 149.0
89 46.2 22.9 68.7

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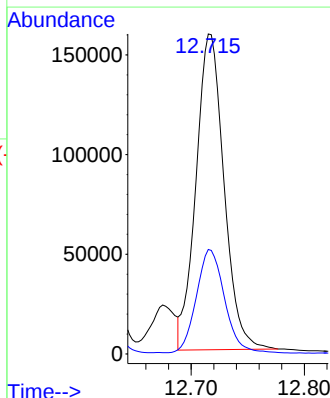
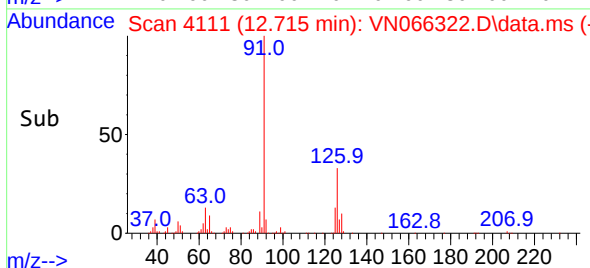
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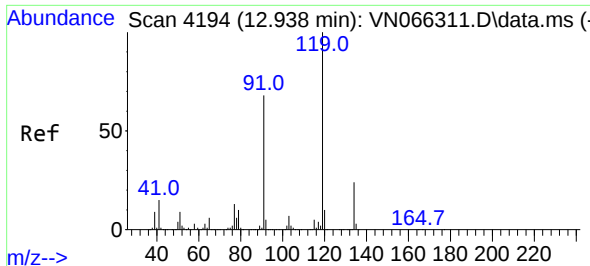


#78
4-Chlorotoluene
Concen: 19.86 ug/l
RT: 12.715 min Scan# 4111
Delta R.T. -0.003 min
Lab File: VN066322.D
Acq: 25 Mar 2021 9:59



Tgt Ion: 91 Resp: 271650
Ion Ratio Lower Upper
91 100
126 33.3 0.0 65.4





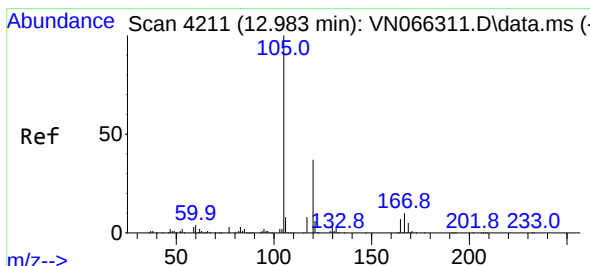
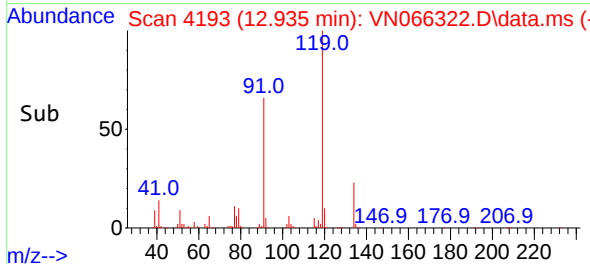
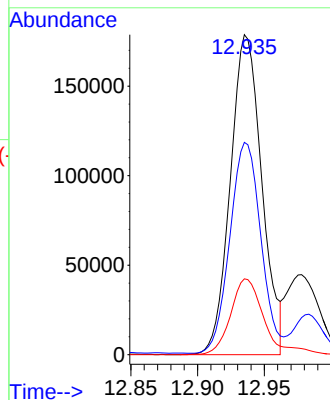
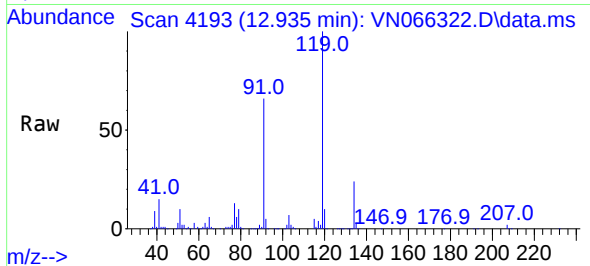
#79
tert-butylbenzene
Concen: 19.72 ug/l
RT: 12.935 min Scan# 4193
Delta R.T. -0.003 min
Lab File: VN066322.D
Acq: 25 Mar 2021 9:59

Tgt Ion:119 Resp: 293873
Ion Ratio Lower Upper
119 100
91 65.0 0.0 133.4
134 25.3 0.0 51.0

Instrument :
MSVOA_N
ClientSampleId :
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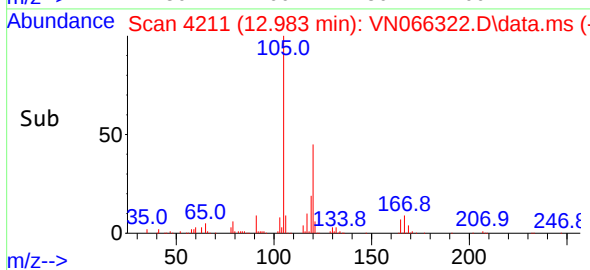
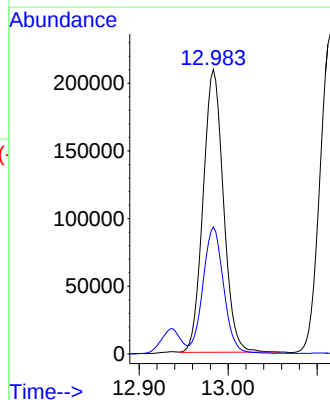
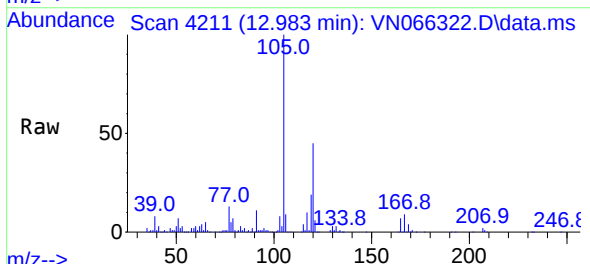
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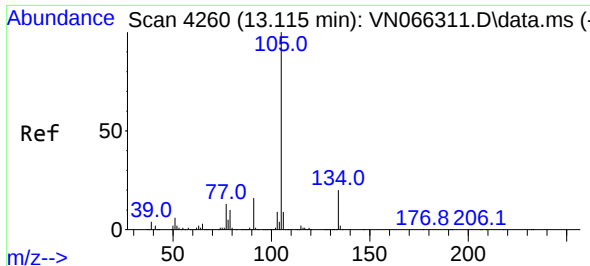
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#80
1,2,4-Trimethylbenzene
Concen: 19.95 ug/l
RT: 12.983 min Scan# 4211
Delta R.T. 0.000 min
Lab File: VN066322.D
Acq: 25 Mar 2021 9:59

Tgt Ion:105 Resp: 331754
Ion Ratio Lower Upper
105 100
120 45.4 0.0 90.6





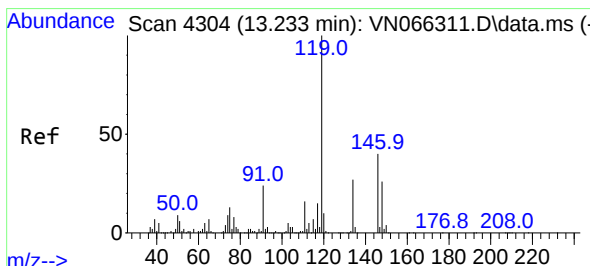
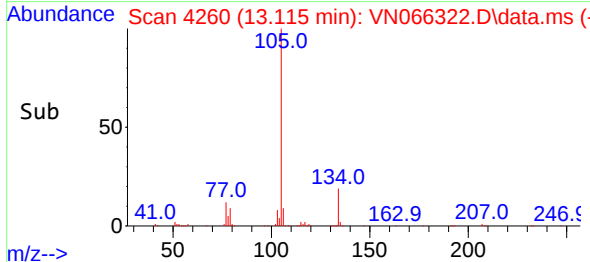
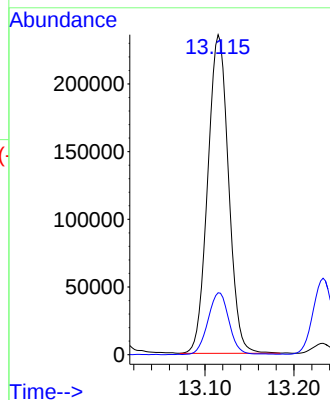
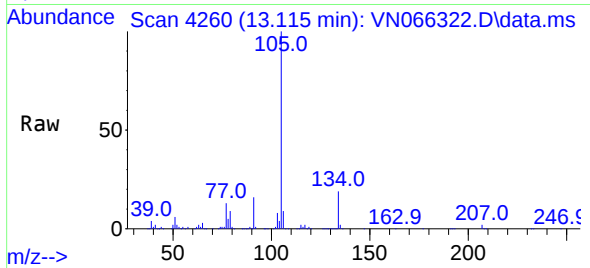
#81
 sec-Butylbenzene
 Concen: 20.05 ug/l
 RT: 13.115 min Scan# 4260
 Delta R.T. 0.000 min
 Lab File: VN066322.D
 Acq: 25 Mar 2021 9:59

Tgt Ion:105 Resp: 381517
 Ion Ratio Lower Upper
 105 100
 134 19.7 0.0 40.0

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC020

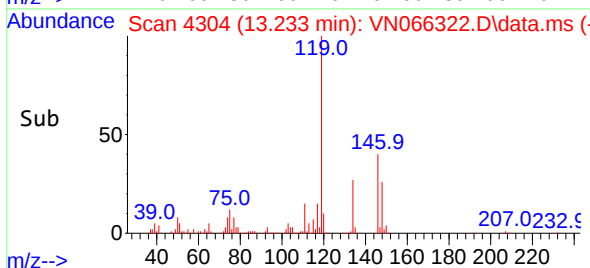
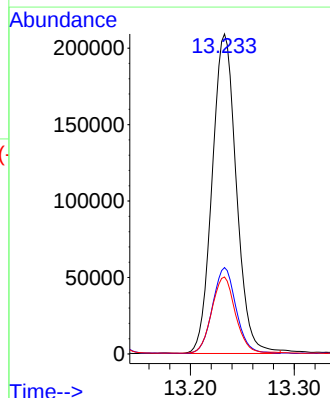
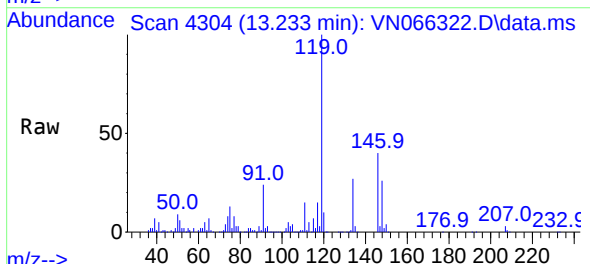
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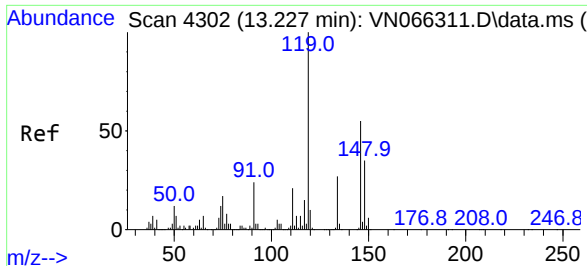
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#82
 p-Isopropyltoluene
 Concen: 20.13 ug/l
 RT: 13.233 min Scan# 4304
 Delta R.T. 0.000 min
 Lab File: VN066322.D
 Acq: 25 Mar 2021 9:59

Tgt Ion:119 Resp: 337305
 Ion Ratio Lower Upper
 119 100
 134 26.6 0.0 53.4
 91 23.3 0.0 47.6





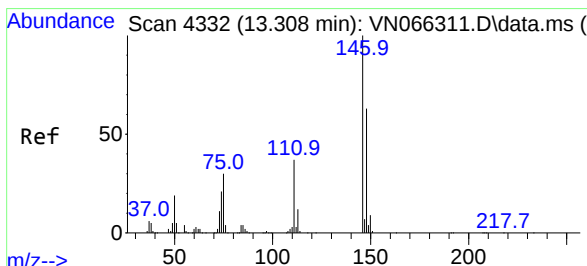
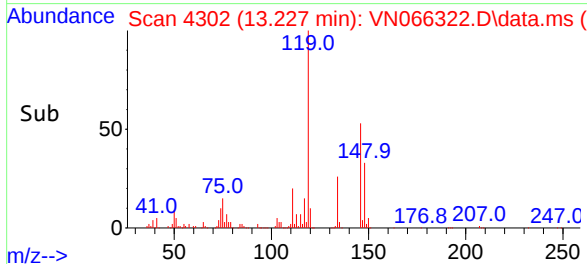
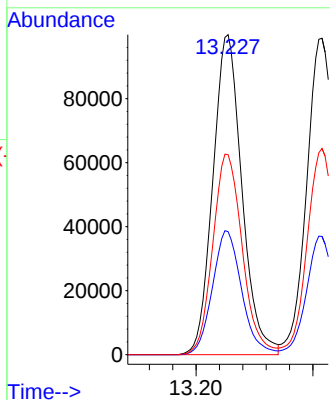
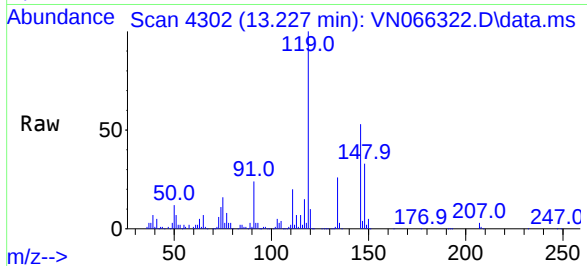
#83
1,3-Dichlorobenzene
Concen: 20.52 ug/l
RT: 13.227 min Scan# 4302
Delta R.T. 0.000 min
Lab File: VN066322.D
Acq: 25 Mar 2021 9:59

Tgt Ion:146 Resp: 172770
Ion Ratio Lower Upper
146 100
111 38.9 19.3 57.9
148 63.7 31.9 95.9

Instrument :
MSVOA_N
ClientSampleId :
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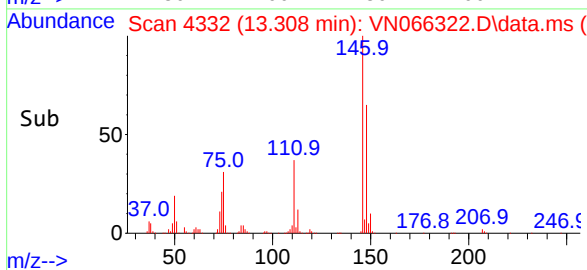
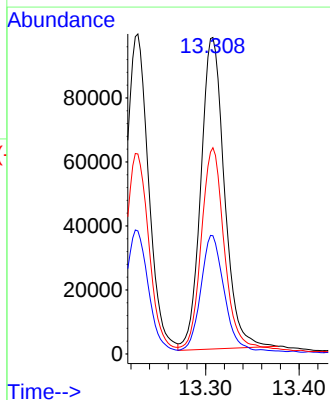
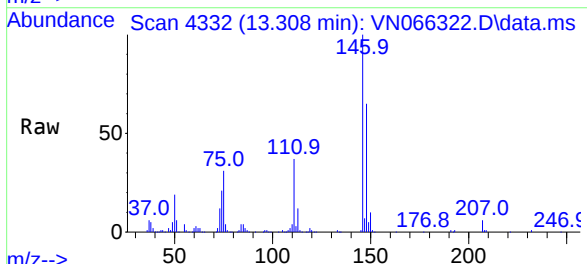
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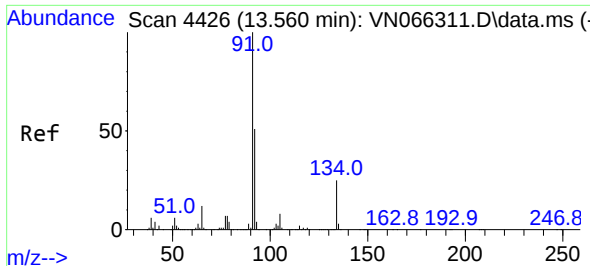
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#84
1,4-Dichlorobenzene
Concen: 20.84 ug/l
RT: 13.308 min Scan# 4332
Delta R.T. 0.000 min
Lab File: VN066322.D
Acq: 25 Mar 2021 9:59

Tgt Ion:146 Resp: 170773
Ion Ratio Lower Upper
146 100
111 36.3 18.4 55.0
148 65.9 31.9 95.5





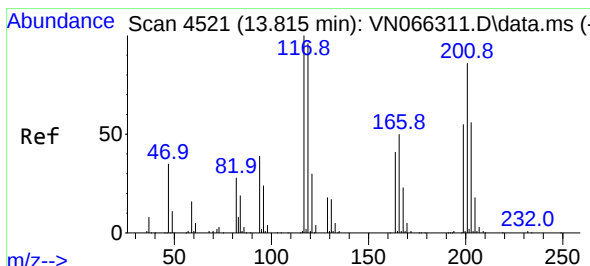
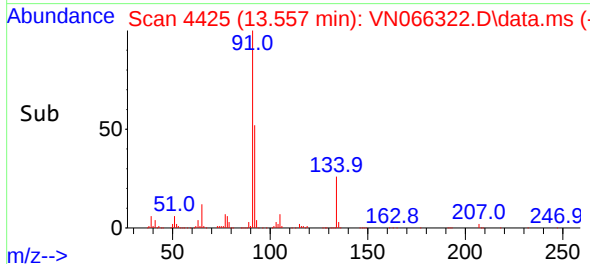
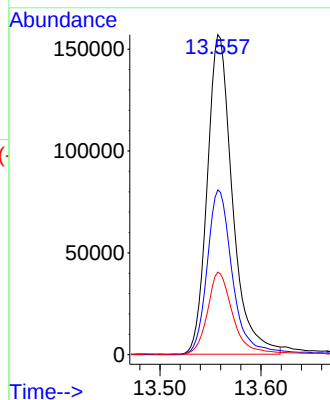
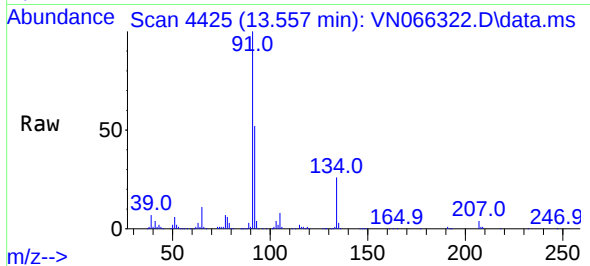
#85
n-Butylbenzene
Concen: 19.87 ug/l
RT: 13.557 min Scan# 4425
Delta R.T. -0.003 min
Lab File: VN066322.D
Acq: 25 Mar 2021 9:59

Tgt Ion: 91	Resp: 271632
Ion Ratio	Lower Upper
91 100	
92 52.3	0.0 102.6
134 26.1	0.0 49.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

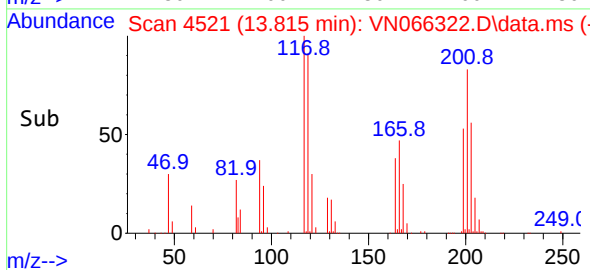
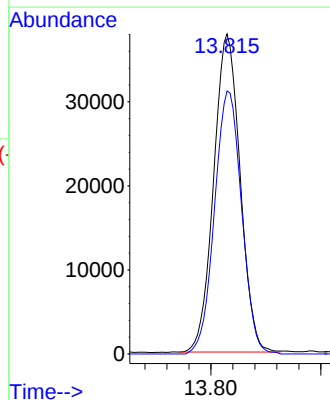
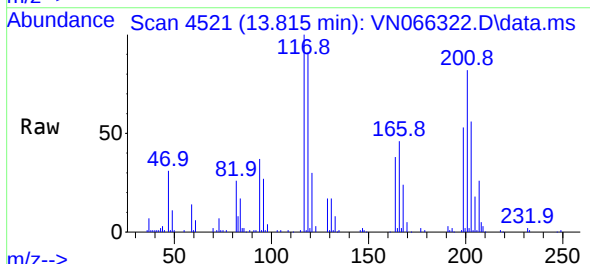
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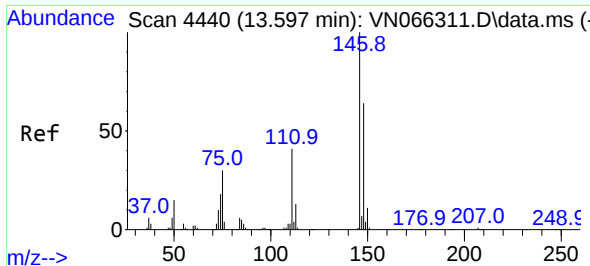
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#86
Hexachloroethane
Concen: 20.40 ug/l
RT: 13.815 min Scan# 4521
Delta R.T. 0.000 min
Lab File: VN066322.D
Acq: 25 Mar 2021 9:59

Tgt Ion: 117	Resp: 63110
Ion Ratio	Lower Upper
117 100	
201 84.8	43.3 129.8





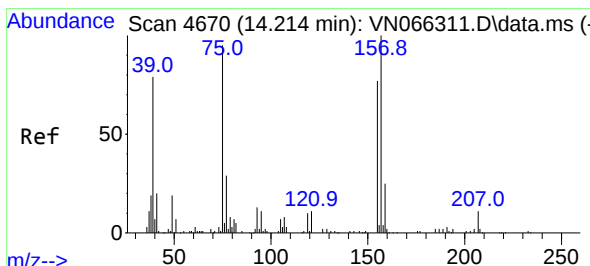
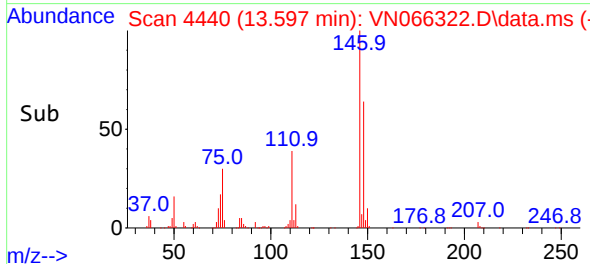
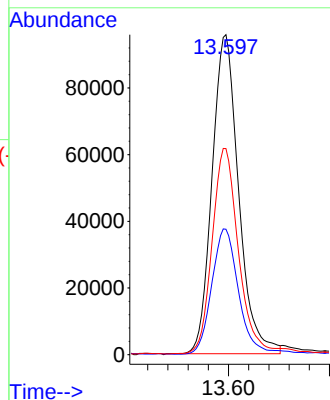
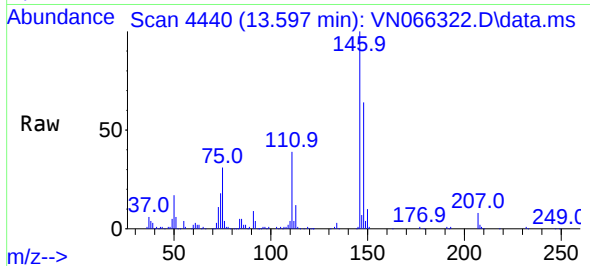
#87
1,2-Dichlorobenzene
Concen: 20.98 ug/l
RT: 13.597 min Scan# 4440
Delta R.T. 0.000 min
Lab File: VN066322.D
Acq: 25 Mar 2021 9:59

Tgt Ion: 146 Resp: 174758
Ion Ratio Lower Upper
146 100
111 39.7 20.3 60.9
148 64.0 32.0 96.0

Instrument :
MSVOA_N
ClientSampled :
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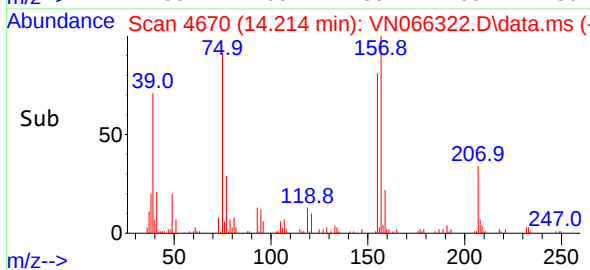
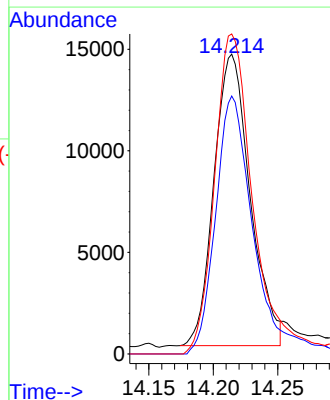
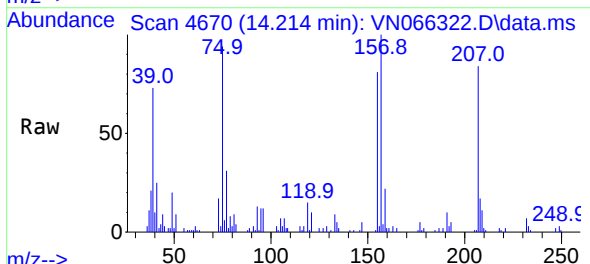
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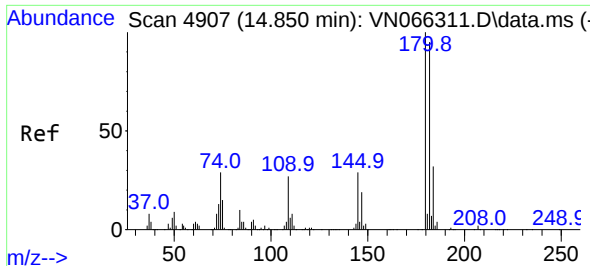
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#88
1,2-Dibromo-3-Chloropropane
Concen: 20.61 ug/l
RT: 14.214 min Scan# 4670
Delta R.T. 0.000 min
Lab File: VN066322.D
Acq: 25 Mar 2021 9:59

Tgt Ion: 75 Resp: 28048
Ion Ratio Lower Upper
75 100
155 92.6 68.3 102.5
157 116.9 87.8 131.6





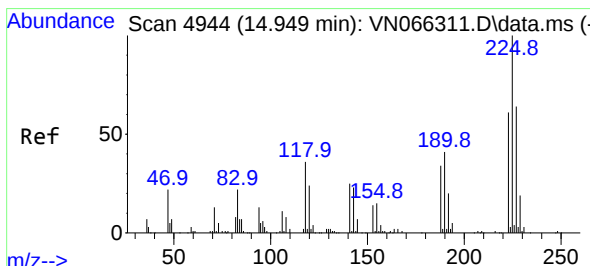
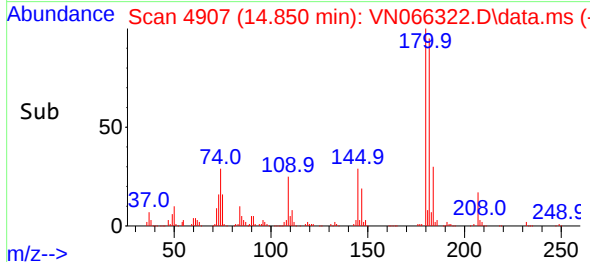
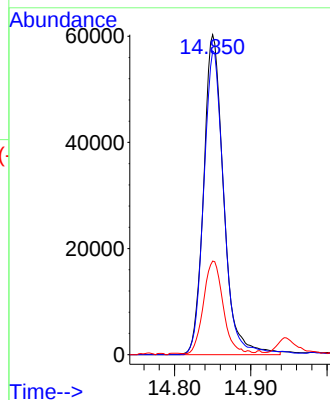
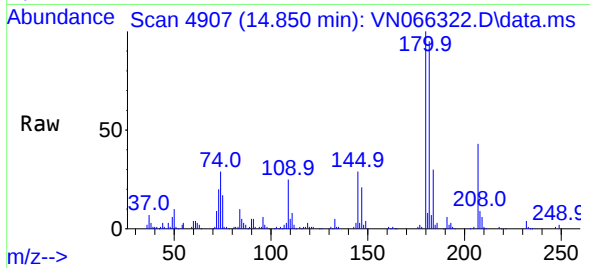
#89
1,2,4-Trichlorobenzene
Concen: 20.62 ug/l
RT: 14.850 min Scan# 4907
Delta R.T. 0.000 min
Lab File: VN066322.D
Acq: 25 Mar 2021 9:59

Tgt Ion:180 Resp: 109606
Ion Ratio Lower Upper
180 100
182 95.3 74.3 111.5
145 28.7 23.4 35.0

Instrument :
MSVOA_N
ClientSampled :
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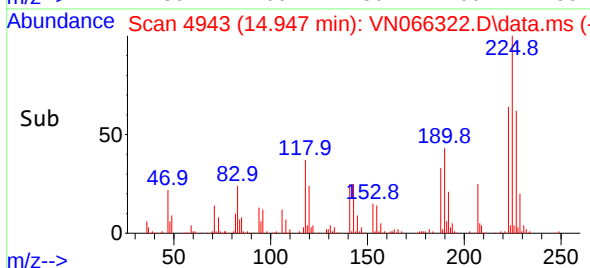
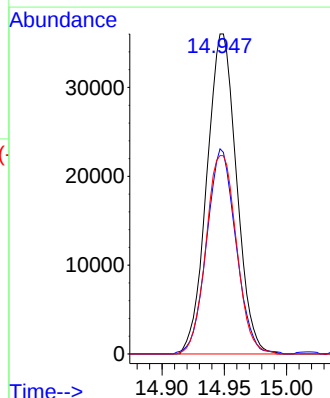
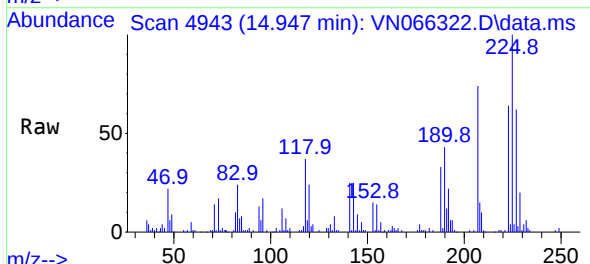
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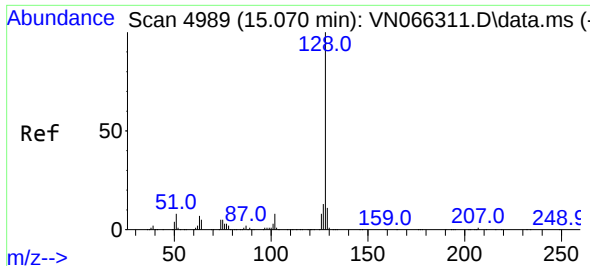
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#90
Hexachlorobutadiene
Concen: 20.75 ug/l
RT: 14.947 min Scan# 4943
Delta R.T. -0.003 min
Lab File: VN066322.D
Acq: 25 Mar 2021 9:59

Tgt Ion:225 Resp: 59773
Ion Ratio Lower Upper
225 100
223 63.2 0.0 124.6
227 63.7 0.0 126.6





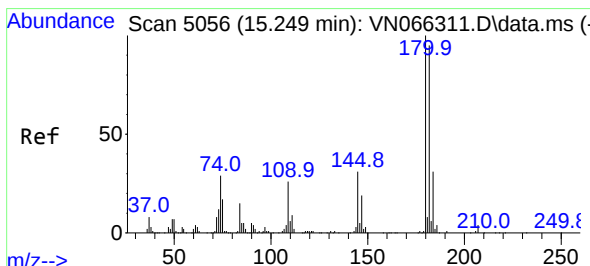
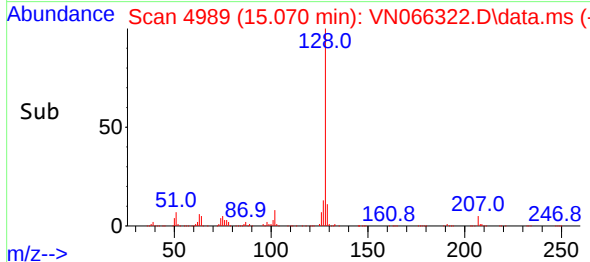
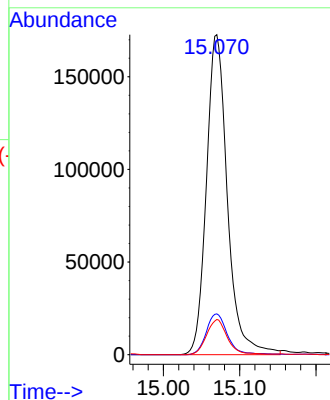
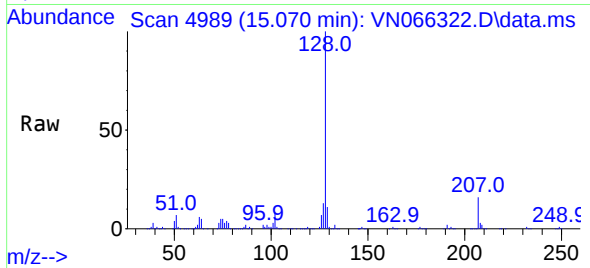
#91
Naphthalene
Concen: 20.44 ug/l
RT: 15.070 min Scan# 4989
Delta R.T. 0.000 min
Lab File: VN066322.D
Acq: 25 Mar 2021 9:59

Tgt Ion:128 Resp: 330745
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 10.9 8.6 13.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

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#92
1,2,3-Trichlorobenzene
Concen: 20.11 ug/l
RT: 15.250 min Scan# 5056
Delta R.T. 0.000 min
Lab File: VN066322.D
Acq: 25 Mar 2021 9:59

Tgt Ion:180 Resp: 104709
Ion Ratio Lower Upper
180 100
182 97.3 0.0 190.0
145 30.1 0.0 60.8

