

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032421\
 Data File : VN066309.D
 Acq On : 24 Mar 2021 14:06
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 3/30/2021 10:40:58 AM

Quant Time: Mar 25 04:36:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032421W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 25 04:35:34 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.102	128	78136	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.512	114	431734	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.347	117	377042	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.947	65	184138	27.69	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	92.30%
60) 4-Bromofluorobenzene	12.345	95	172442	26.80	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	89.33%
63) Toluene-d8	10.025	98	531547	31.22	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	104.07%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.818	85	25665	6.41	ug/l	96
3) Chloromethane	2.014	50	31359	5.95	ug/l	95
4) Vinyl Chloride	2.143	62	31811	5.74	ug/l	98
5) Bromomethane	2.508	94	23941	6.23	ug/l	97
6) Chloroethane	2.644	64	20723	6.26	ug/l	95
7) Trichlorofluoromethane	2.955	101	46699	5.63	ug/l	95
8) Diethyl Ether	3.339	74	15195	5.36	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.680	101	22788	6.33	ug/l	100
10) 1,1-Dichloroethene	3.658	96	22010	5.57	ug/l	90
11) Methyl Iodide	3.867	142	28087	4.57	ug/l	100
12) Methyl Acetate	4.235	43	29142	6.21	ug/l	91
13) Acrolein	3.529	56	20474m	30.69	ug/l	
14) Acrylonitrile	4.878	53	65938	30.31	ug/l	97
15) Acetone	3.739	58	24101	38.94	ug/l	91
16) Carbon Disulfide	3.969	76	63730	5.52	ug/l	97
17) Allyl chloride	4.235	41	37992	5.21	ug/l	98
18) Methylene Chloride	4.455	84	26890	5.50	ug/l	98
19) trans-1,2-Dichloroethene	4.932	96	24704m	5.50	ug/l	
20) Diisopropyl ether	5.847	45	81899	5.71	ug/l	91
21) 1,1-Dichloroethane	5.745	63	46151	5.28	ug/l	98
22) cis-1,2-Dichloroethene	6.732	96	28853	5.27	ug/l	96
23) tert-Butyl Alcohol	4.685	59	26599	27.84	ug/l #	100
24) Methyl tert-Butyl Ether	4.935	73	81231	5.09	ug/l	100
25) Chloroform	7.284	83	46196	4.94	ug/l	98
26) Cyclohexane	7.568	56	42194	6.12	ug/l #	98
29) 1,1-Dichloropropene	7.711	75	34613	5.38	ug/l	99
30) 2-Butanone	6.734	43	98976	35.06	ug/l	97
31) 2,2-Dichloropropane	6.726	77	43227	5.19	ug/l	93
32) 1,1,1-Trichloroethane	7.483	97	41721	5.08	ug/l	100
33) Carbon Tetrachloride	7.692	117	35173	5.00	ug/l	97
34) Benzene	7.960	78	102264	5.23	ug/l #	65
35) Methacrylonitrile	7.078	41	16235	5.45	ug/l	96
36) 1,2-Dichloroethane	8.046	62	37514	4.78	ug/l	97
37) Trichloroethene	8.767	130	27079	5.14	ug/l	96
38) Methylcyclohexane	9.011	83	43257	6.07	ug/l	99
39) 1,2-Dichloropropane	9.049	63	28336	5.62	ug/l	97
40) Dibromomethane	9.140	93	17521	5.16	ug/l	100
41) Bromodichloromethane	9.336	83	37213	4.91	ug/l	97
42) Vinyl Acetate	5.788	43	371041	30.56	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	6.828	43	33026	5.37	ug/l #	100
44) Isopropyl Acetate	8.086	43	64950	6.12	ug/l #	100
45) 1,4-Dioxane	9.132	88	8774	102.37	ug/l #	60
46) Methyl methacrylate	9.132	41	30019	6.06	ug/l	97
47) n-amyl Acetate	12.034	43	7320m	1.04	ug/l	
48) t-1,3-Dichloropropene	10.320	75	39763	4.59	ug/l	96
49) cis-1,3-Dichloropropene	9.773	75	42499	4.73	ug/l	97
50) 1,1,2-Trichloroethane	10.502	97	25122	5.22	ug/l	94
51) Ethyl methacrylate	10.368	69	36998	5.02	ug/l	97
52) 1,3-Dichloropropane	10.647	76	41898	5.03	ug/l	99
53) Dibromochloromethane	10.840	129	27053	4.66	ug/l	98
54) 1,2-Dibromoethane	10.945	107	24670	4.88	ug/l	96
55) 2-Chloroethyl vinyl ether	9.631	63	27762	12.33	ug/l	99
56) Bromoform	12.071	173	19714	5.03	ug/l #	100
58) 4-Methyl-2-Pentanone	9.918	43	189239	34.21	ug/l	99
59) 2-Hexanone	10.696	43	123010	31.80	ug/l	97
61) Tetrachloroethene	10.572	164	28420	5.76	ug/l	98
62) Toluene	10.092	91	110787	5.55	ug/l	98
64) Chlorobenzene	11.374	112	63231	4.95	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.449	131	24639	5.01	ug/l	99
66) Ethyl Benzene	11.455	91	114073	5.03	ug/l	99
67) m/p-Xylenes	11.565	106	85332	9.79	ug/l	100
68) o-Xylene	11.889	106	42313	4.94	ug/l	98
69) Styrene	11.911	104	65621	4.66	ug/l	98
70) Isopropylbenzene	12.192	105	110504	4.92	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.450	83	35331	5.60	ug/l	98
72) 1,2,3-Trichloropropane	12.501	75	33355m	5.30	ug/l	
73) Bromobenzene	12.468	156	27194	4.99	ug/l	97
74) n-propylbenzene	12.535	91	116409	4.68	ug/l	97
75) 2-Chlorotoluene	12.619	91	74089	4.71	ug/l	99
76) 1,3,5-Trimethylbenzene	12.678	105	89587	4.51	ug/l	100
77) t-1,4-Dichloro-2-butene	12.248	75	8729	3.94	ug/l	93
78) 4-Chlorotoluene	12.718	91	67621	4.24	ug/l	99
79) tert-butylbenzene	12.938	119	80514	4.86	ug/l	98
80) 1,2,4-Trimethylbenzene	12.983	105	84836	4.36	ug/l	98
81) sec-Butylbenzene	13.115	105	95609	4.57	ug/l	100
82) p-Isopropyltoluene	13.233	119	84784	4.33	ug/l	97
83) 1,3-Dichlorobenzene	13.230	146	41655	4.46	ug/l	96
84) 1,4-Dichlorobenzene	13.310	146	38646	4.25	ug/l	92
85) n-Butylbenzene	13.560	91	64921	4.15	ug/l	96
86) Hexachloroethane	13.815	117	15930	4.99	ug/l	100
87) 1,2-Dichlorobenzene	13.600	146	41850	4.54	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.220	75	5831	3.95	ug/l #	82
89) 1,2,4-Trichlorobenzene	14.853	180	26707	5.11	ug/l	96
90) Hexachlorobutadiene	14.949	225	16409	6.83	ug/l	98
91) Naphthalene	15.073	128	81548	5.30	ug/l	99
92) 1,2,3-Trichlorobenzene	15.250	180	26357	5.02	ug/l	99

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

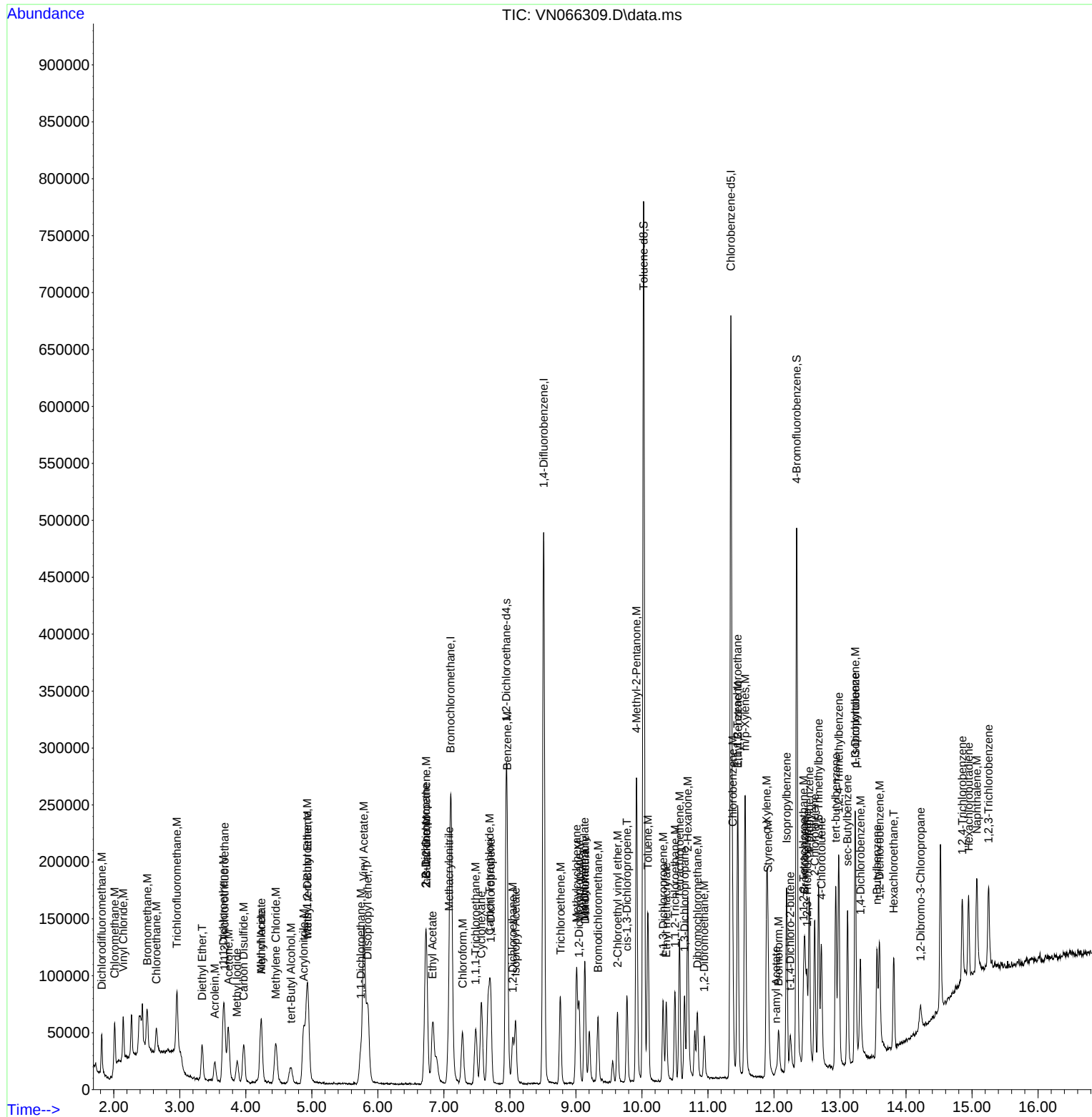
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032421\
Data File : VN066309.D
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Sample : VSTDIC005
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ALS Vial : 2 Sample Multiplier: 1

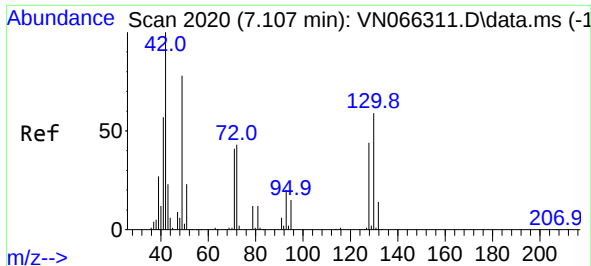
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

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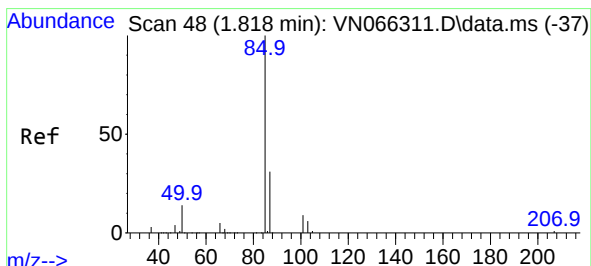
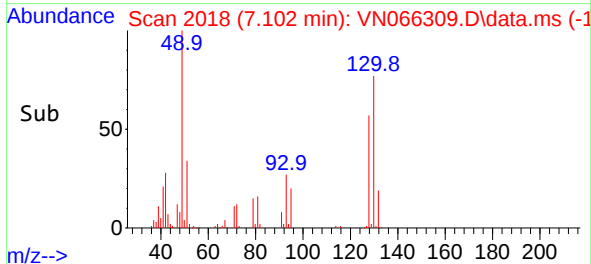
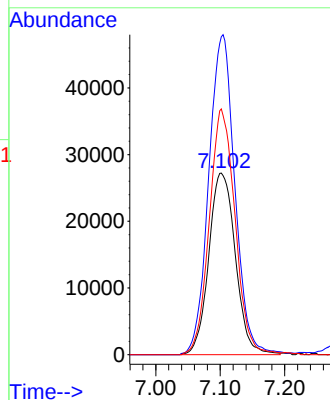
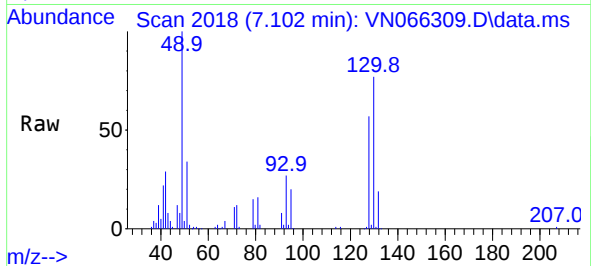
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Bromochloromethane
Concen: 30.00 ug/l
RT: 7.102 min Scan# 2018
Delta R.T. -0.005 min
Lab File: VN066309.D
Acq: 24 Mar 2021 14:06

Tgt Ion:128 Resp: 78136
Ion Ratio Lower Upper
128 100
49 172.6 0.0 429.3
130 130.5 0.0 328.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

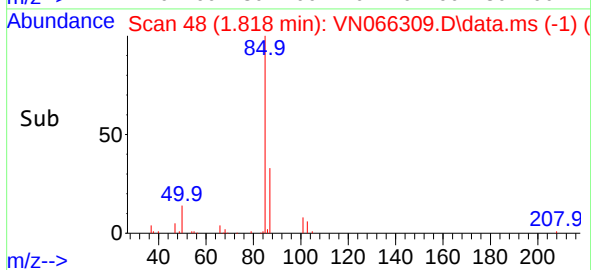
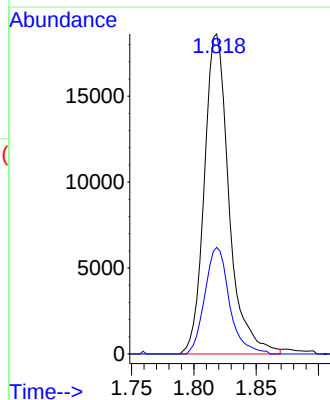
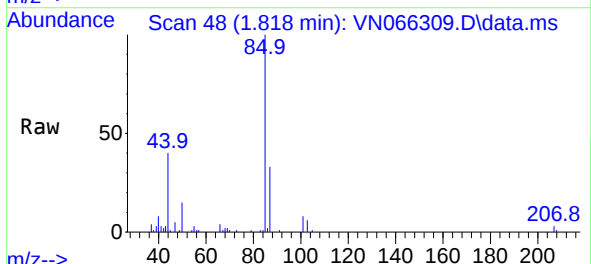
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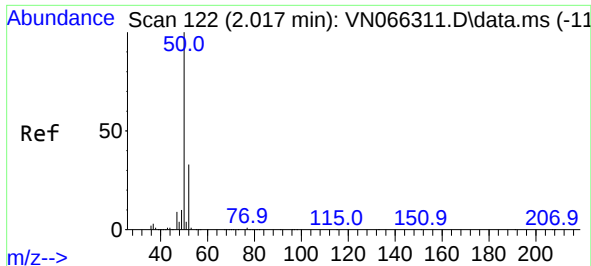
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#2
Dichlorodifluoromethane
Concen: 6.41 ug/l
RT: 1.818 min Scan# 48
Delta R.T. 0.000 min
Lab File: VN066309.D
Acq: 24 Mar 2021 14:06

Tgt Ion: 85 Resp: 25665
Ion Ratio Lower Upper
85 100
87 33.3 15.4 46.4





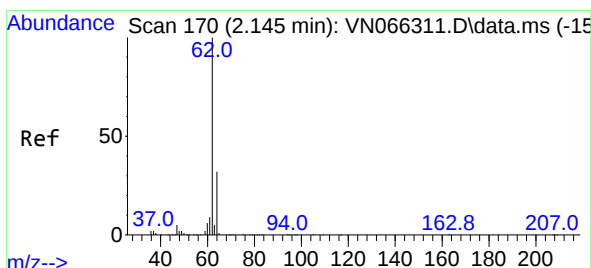
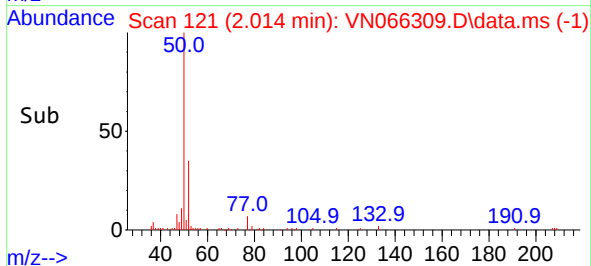
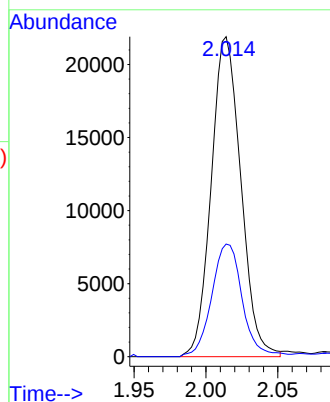
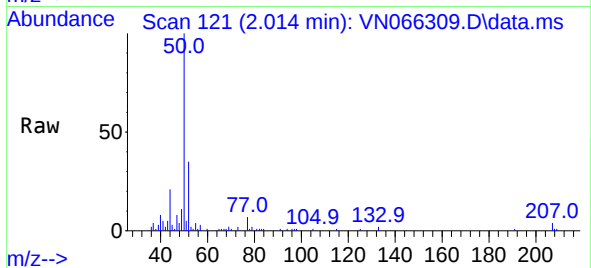
#3
Chloromethane
Concen: 5.95 ug/l
RT: 2.014 min Scan# 121
Delta R.T. -0.003 min
Lab File: VN066309.D
Acq: 24 Mar 2021 14:06

Tgt Ion: 50 Resp: 31359
Ion Ratio Lower Upper
50 100
52 35.5 26.2 39.4

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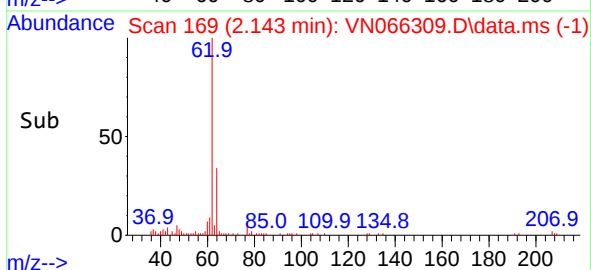
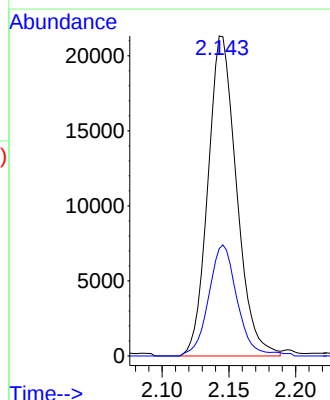
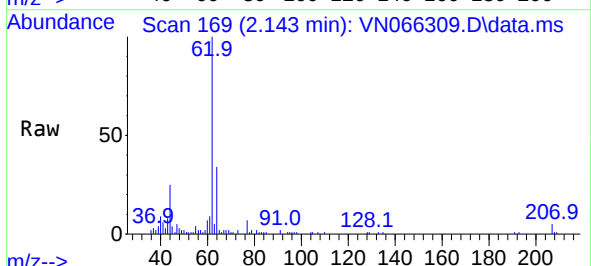
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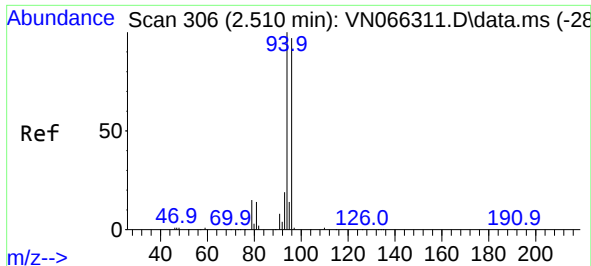
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#4
Vinyl Chloride
Concen: 5.74 ug/l
RT: 2.143 min Scan# 169
Delta R.T. -0.003 min
Lab File: VN066309.D
Acq: 24 Mar 2021 14:06

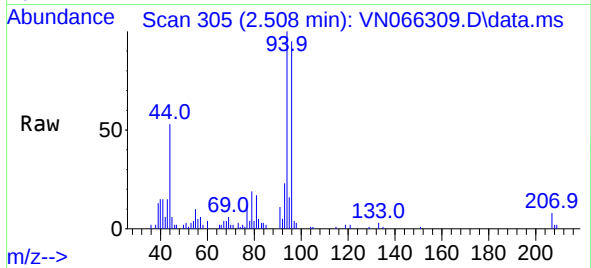
Tgt Ion: 62 Resp: 31811
Ion Ratio Lower Upper
62 100
64 33.6 25.8 38.6





#5
Bromomethane
Concen: 6.23 ug/l
RT: 2.508 min Scan# 305
Delta R.T. -0.003 min
Lab File: VN066309.D
Acq: 24 Mar 2021 14:06

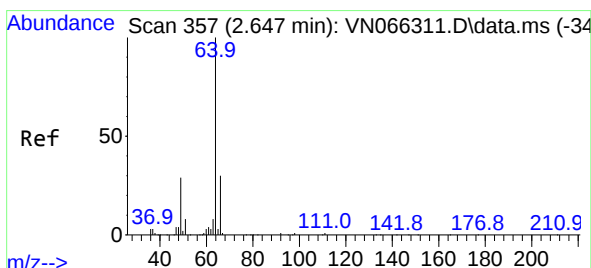
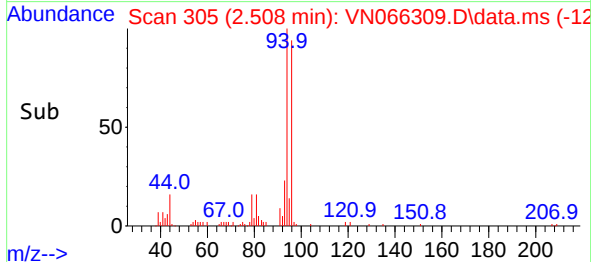
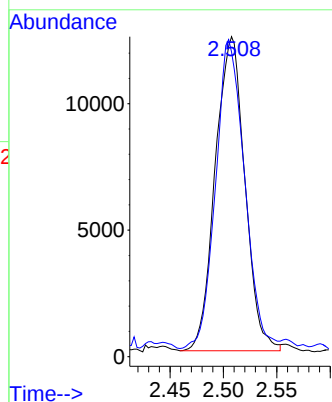
Instrument :
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VSTDIC005



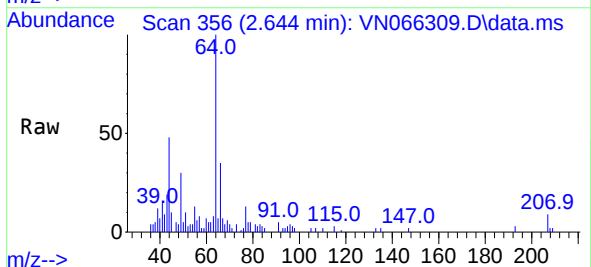
Tgt Ion: 94 Resp: 23941
Ion Ratio Lower Upper
94 100
96 94.4 77.8 116.8

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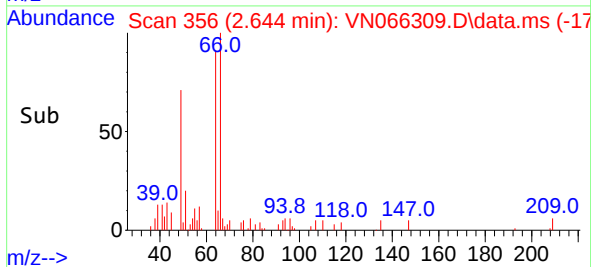
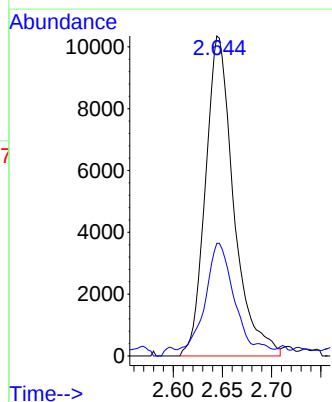
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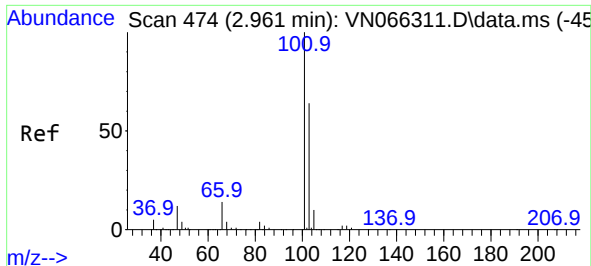


#6
Chloroethane
Concen: 6.26 ug/l
RT: 2.644 min Scan# 356
Delta R.T. -0.003 min
Lab File: VN066309.D
Acq: 24 Mar 2021 14:06



Tgt Ion: 64 Resp: 20723
Ion Ratio Lower Upper
64 100
66 32.8 24.2 36.4





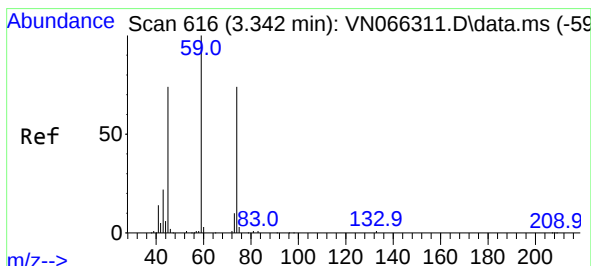
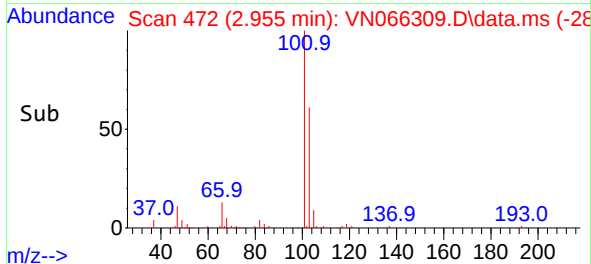
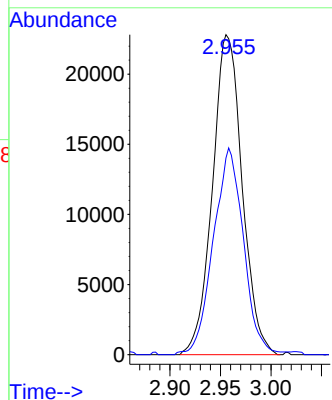
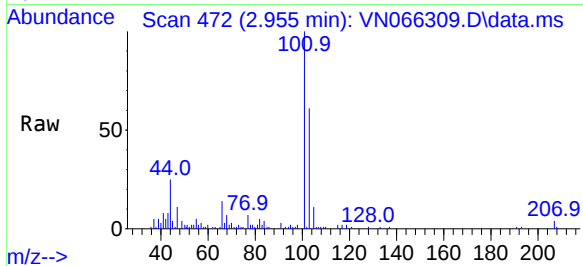
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Trichlorofluoromethane
Concen: 5.63 ug/l
RT: 2.955 min Scan# 472
Delta R.T. -0.005 min
Lab File: VN066309.D
Acq: 24 Mar 2021 14:06

Tgt Ion:101 Resp: 46699
Ion Ratio Lower Upper
101 100
103 60.6 51.6 77.4

Instrument :
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VSTDIC005

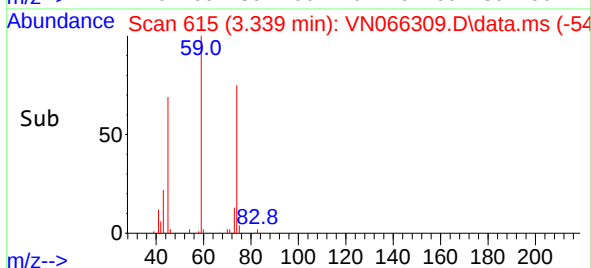
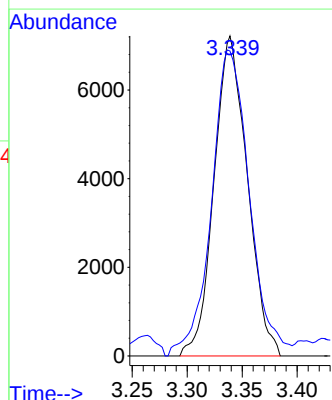
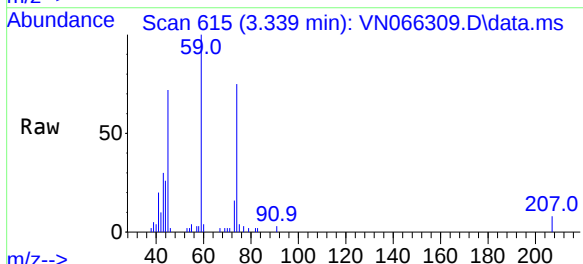
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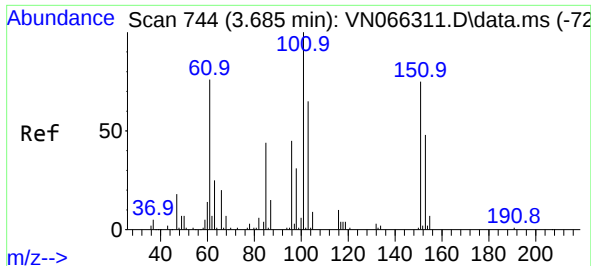
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#8
Diethyl Ether
Concen: 5.36 ug/l
RT: 3.339 min Scan# 615
Delta R.T. -0.003 min
Lab File: VN066309.D
Acq: 24 Mar 2021 14:06

Tgt Ion: 74 Resp: 15195
Ion Ratio Lower Upper
74 100
45 108.7 19.5 175.9





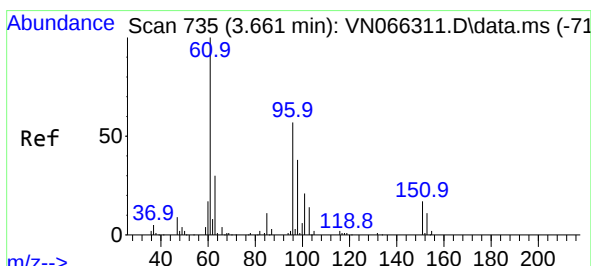
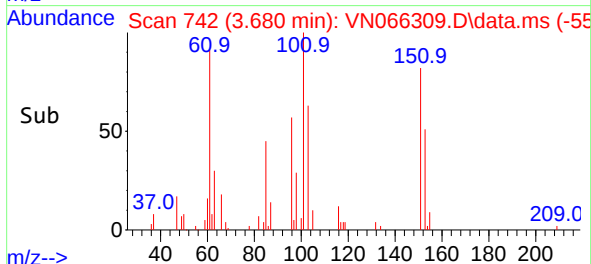
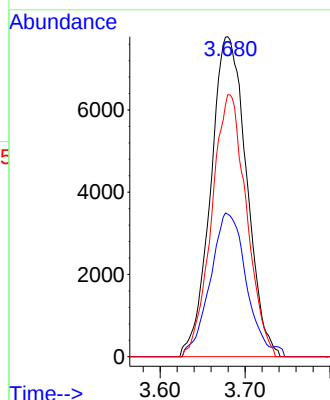
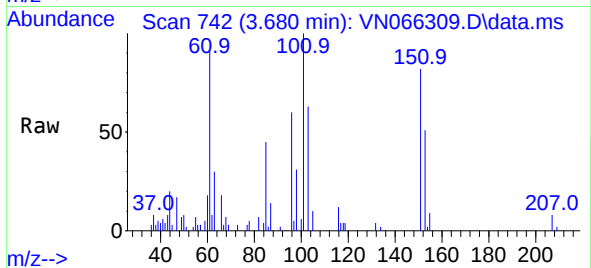
#9
1,1,2-Trichlorotrifluoroethane
Concen: 6.33 ug/l
RT: 3.680 min Scan# 742
Delta R.T. -0.005 min
Lab File: VN066309.D
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Tgt Ion:	101	Resp:	22788
Ion	Ratio	Lower	Upper
101	100		
85	44.7	0.0	90.6
151	79.3	0.0	159.0

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ClientSampleId :
VSTDIC005

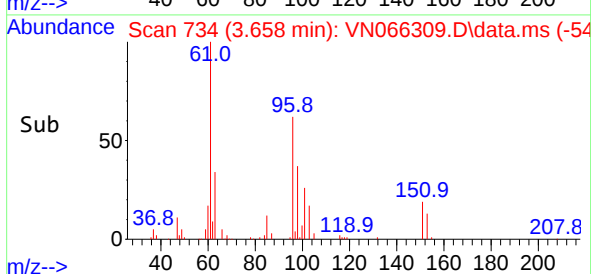
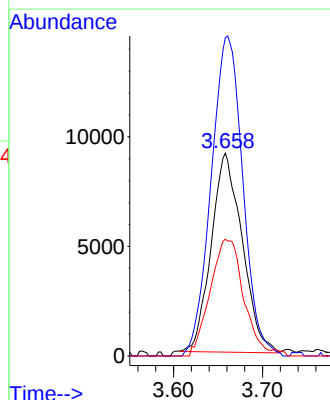
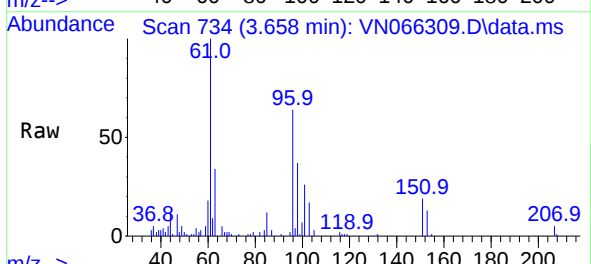
Manual Integrations
APPROVED

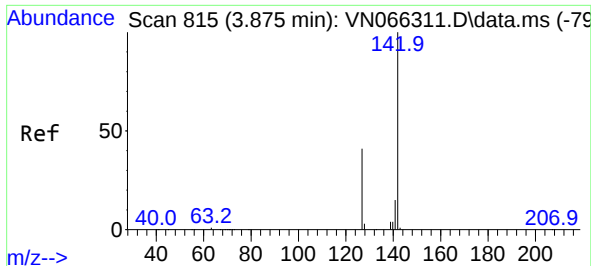
MMDadoda
3/30/2021 10:40:58 AM



#10
1,1-Dichloroethene
Concen: 5.57 ug/l
RT: 3.658 min Scan# 734
Delta R.T. -0.003 min
Lab File: VN066309.D
Acq: 24 Mar 2021 14:06

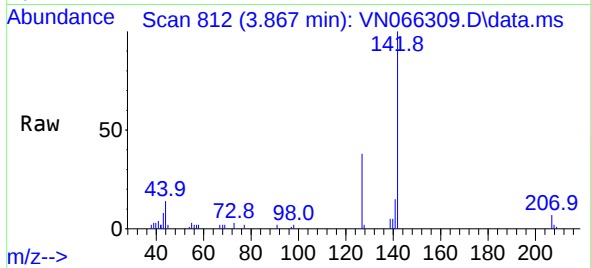
Tgt Ion:	96	Resp:	22010
Ion	Ratio	Lower	Upper
96	100		
61	160.3	139.6	209.4
98	58.8	53.7	80.5





#11
Methyl Iodide
Concen: 4.57 ug/l
RT: 3.867 min Scan# 812
Delta R.T. -0.008 min
Lab File: VN066309.D
Acq: 24 Mar 2021 14:06

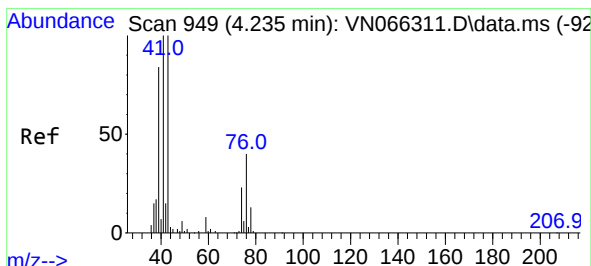
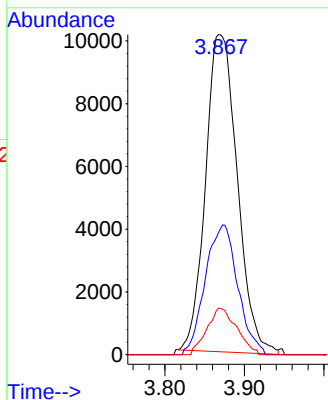
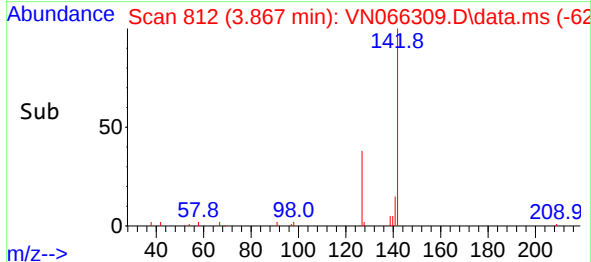
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



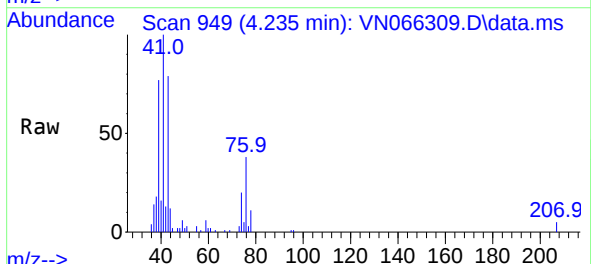
Tgt Ion: 142 Resp: 28087
Ion Ratio Lower Upper
142 100
127 41.3 20.5 61.6
141 14.8 7.4 22.3

Manual Integrations
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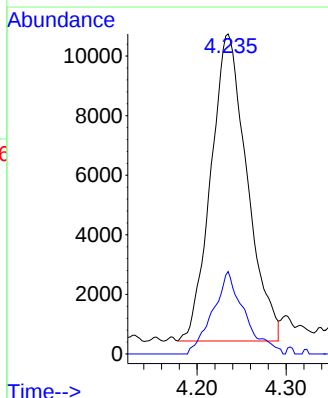
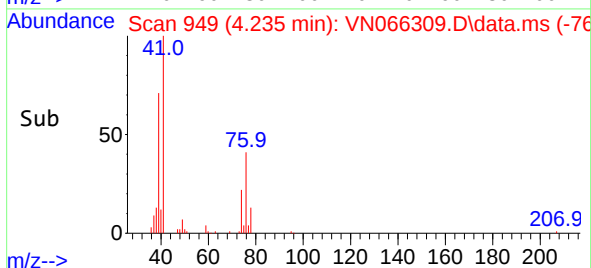
MMDadoda
3/30/2021 10:40:58 AM

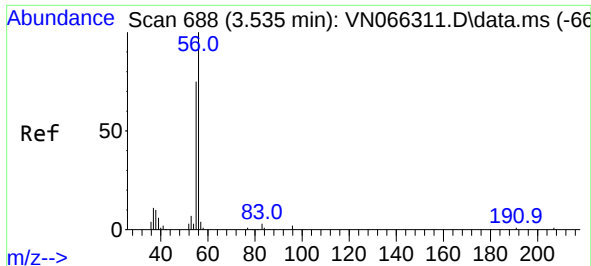


#12
Methyl Acetate
Concen: 6.21 ug/l
RT: 4.235 min Scan# 949
Delta R.T. 0.000 min
Lab File: VN066309.D
Acq: 24 Mar 2021 14:06



Tgt Ion: 43 Resp: 29142
Ion Ratio Lower Upper
43 100
74 26.8 18.0 27.0





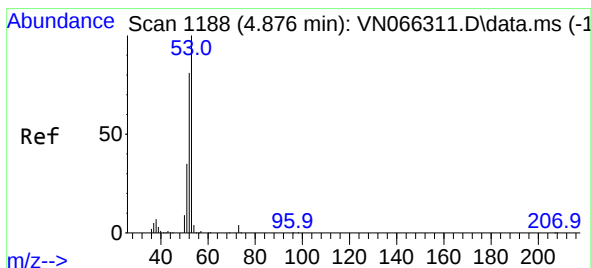
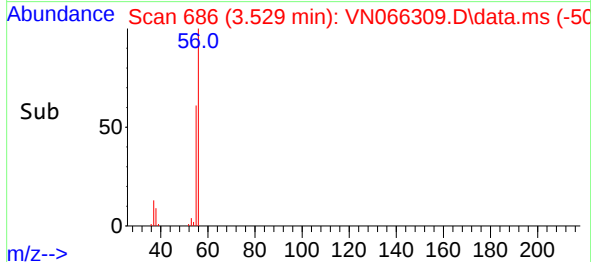
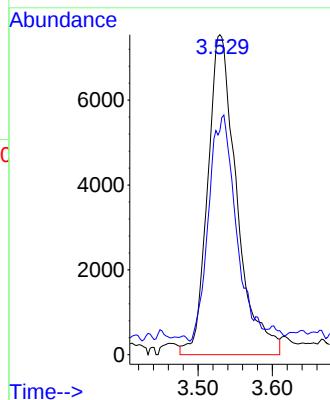
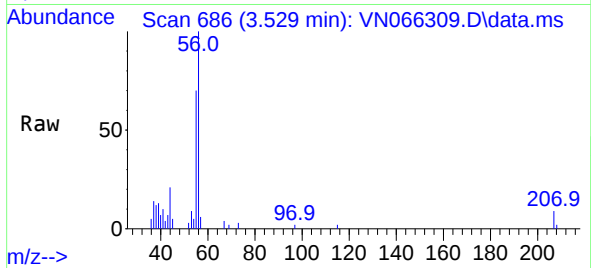
#13
Acrolein
Concen: 30.69 ug/l m
RT: 3.529 min Scan# 686
Delta R.T. -0.005 min
Lab File: VN066309.D
Acq: 24 Mar 2021 14:06

Tgt Ion: 56 Resp: 20474
Ion Ratio Lower Upper
56 100
55 0.3 54.1 81.1#

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

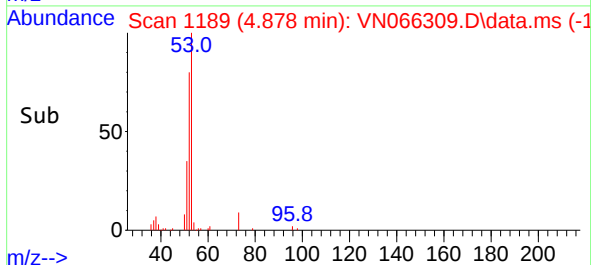
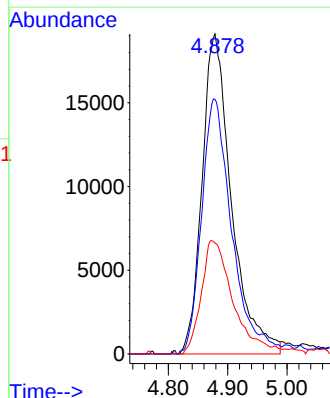
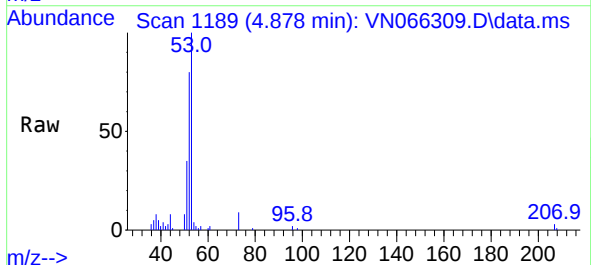
Manual Integrations
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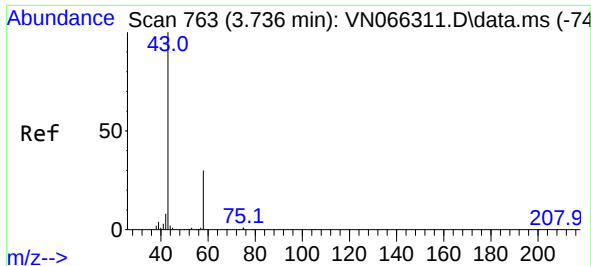
MMDadoda
3/30/2021 10:40:58 AM



#14
Acrylonitrile
Concen: 30.31 ug/l
RT: 4.878 min Scan# 1189
Delta R.T. 0.003 min
Lab File: VN066309.D
Acq: 24 Mar 2021 14:06

Tgt Ion: 53 Resp: 65938
Ion Ratio Lower Upper
53 100
52 78.9 41.0 123.0
51 37.6 17.8 53.4





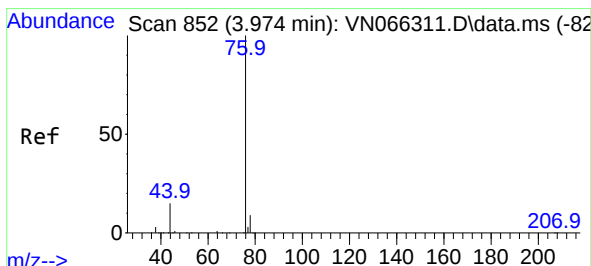
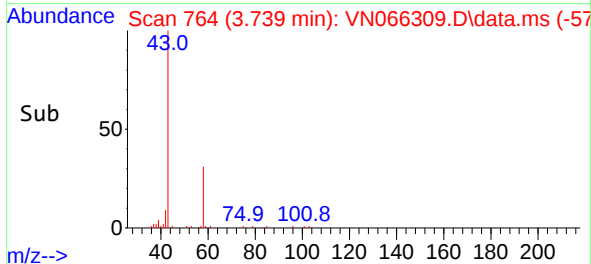
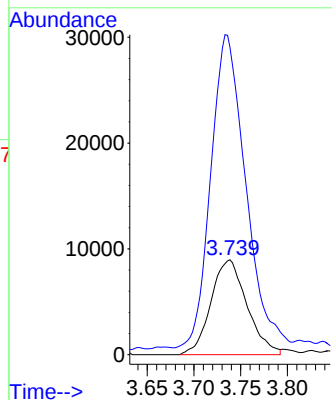
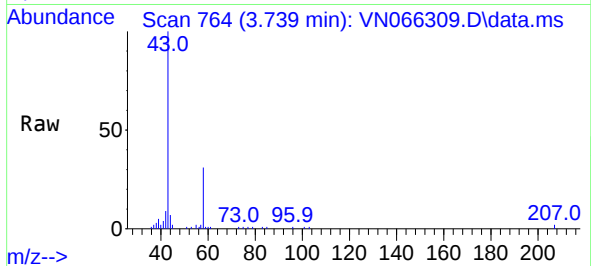
#15
Acetone
Concen: 38.94 ug/l
RT: 3.739 min Scan# 764
Delta R.T. 0.003 min
Lab File: VN066309.D
Acq: 24 Mar 2021 14:06

Tgt Ion: 58 Resp: 24101
Ion Ratio Lower Upper
58 100
43 314.6 267.3 400.9

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

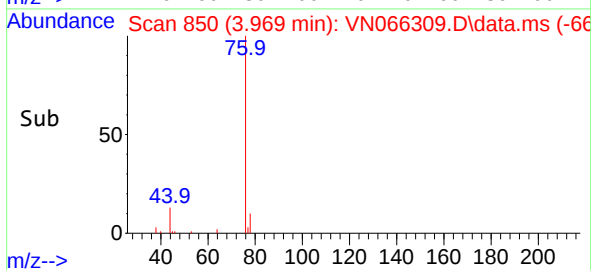
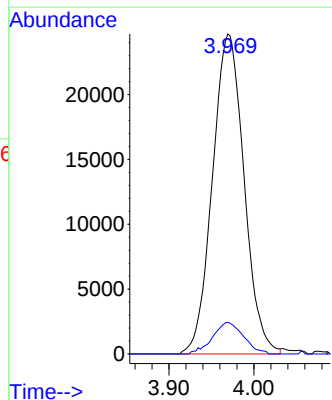
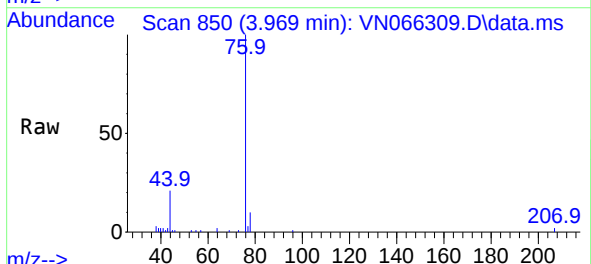
Manual Integrations
APPROVED

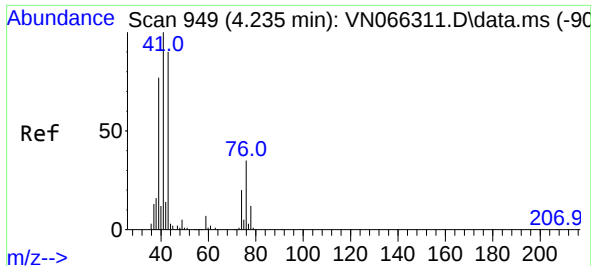
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3/30/2021 10:40:58 AM



#16
Carbon Disulfide
Concen: 5.52 ug/l
RT: 3.969 min Scan# 850
Delta R.T. -0.005 min
Lab File: VN066309.D
Acq: 24 Mar 2021 14:06

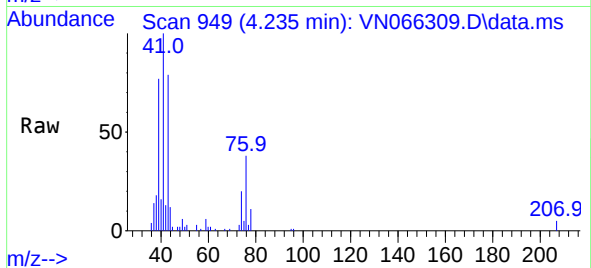
Tgt Ion: 76 Resp: 63730
Ion Ratio Lower Upper
76 100
78 9.9 7.0 10.6





#17
Allyl chloride
Concen: 5.21 ug/l
RT: 4.235 min Scan# 949
Delta R.T. 0.000 min
Lab File: VN066309.D
Acq: 24 Mar 2021 14:06

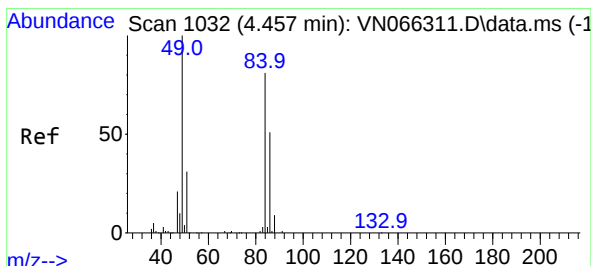
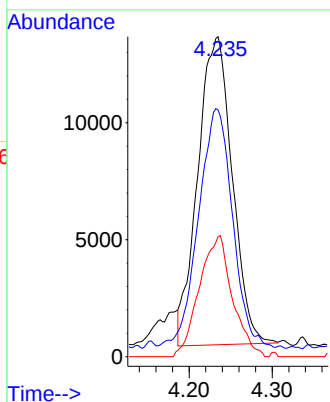
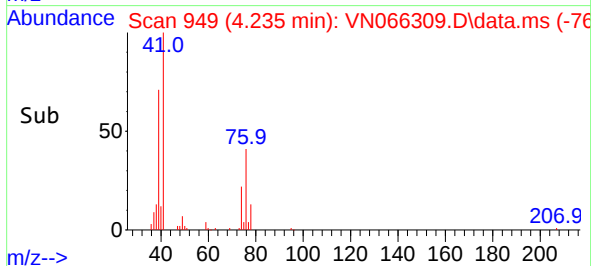
Instrument :
MSVOA_N
ClientSampled :
VSTDIC005



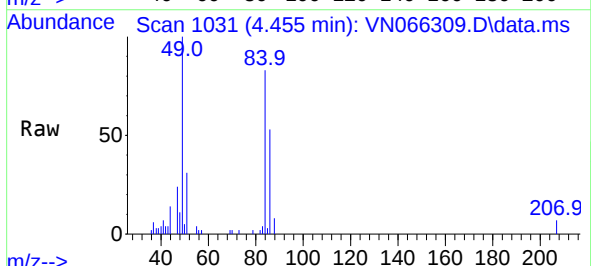
Tgt Ion: 41 Resp: 37992
Ion Ratio Lower Upper
41 100
39 77.4 38.6 116.0
76 39.3 17.6 52.8

Manual Integrations
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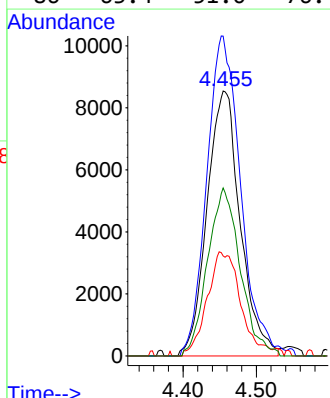
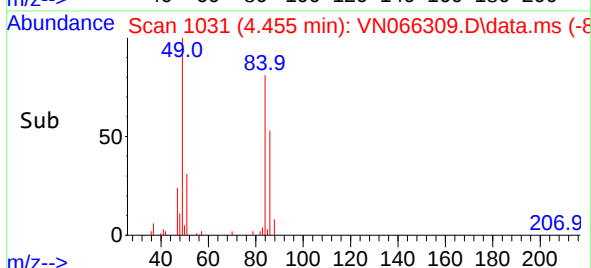
MMDadoda
3/30/2021 10:40:58 AM

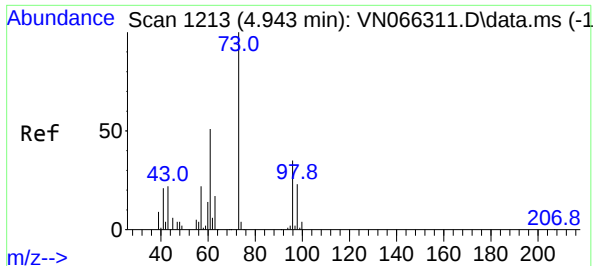


#18
Methylene Chloride
Concen: 5.50 ug/l
RT: 4.455 min Scan# 1031
Delta R.T. -0.003 min
Lab File: VN066309.D
Acq: 24 Mar 2021 14:06



Tgt Ion: 84 Resp: 26890
Ion Ratio Lower Upper
84 100
49 120.7 98.9 148.3
51 37.7 30.8 46.2
86 63.4 51.0 76.4

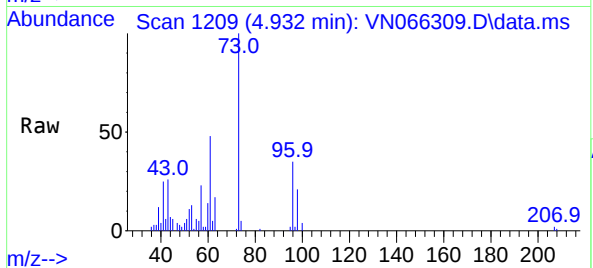




#19

trans-1,2-Dichloroethene
Concen: 5.50 ug/l m
RT: 4.932 min Scan# 1209
Delta R.T. -0.011 min
Lab File: VN066309.D
Acq: 24 Mar 2021 14:06

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

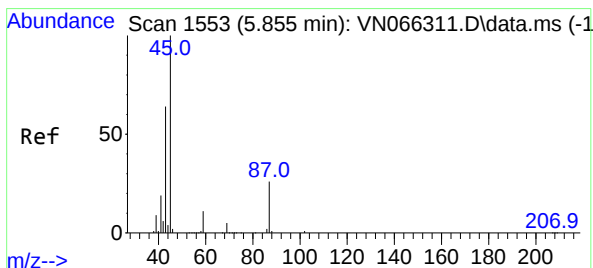
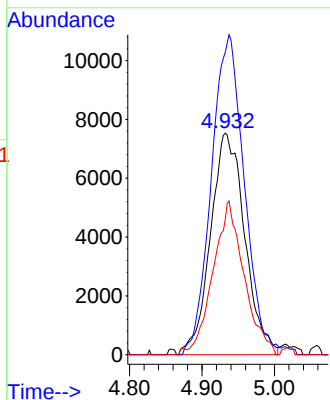
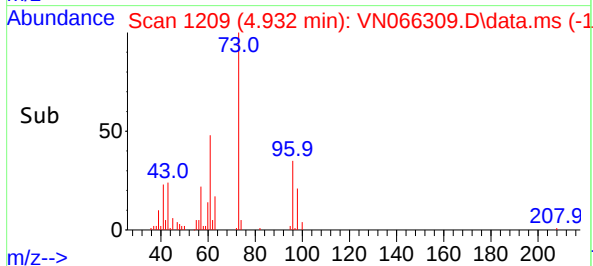


Tgt Ion: 96 Resp: 24704

Ion	Ratio	Lower	Upper
96	100		
61	136.4	113.4	170.0
98	61.0	51.0	76.4

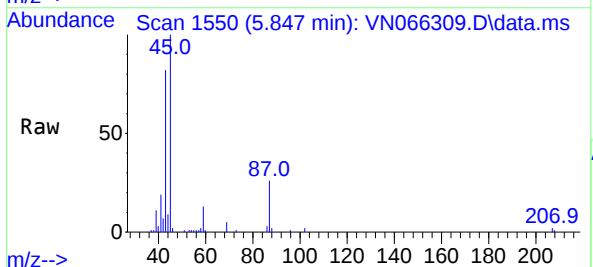
Manual Integrations
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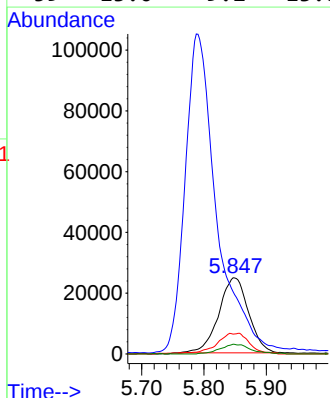
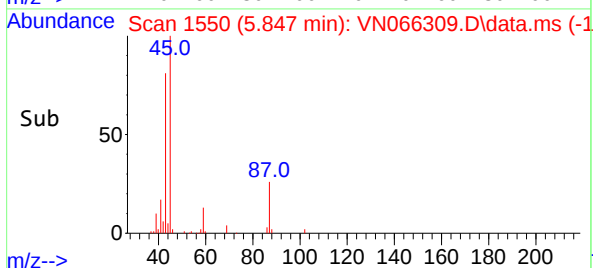
#20

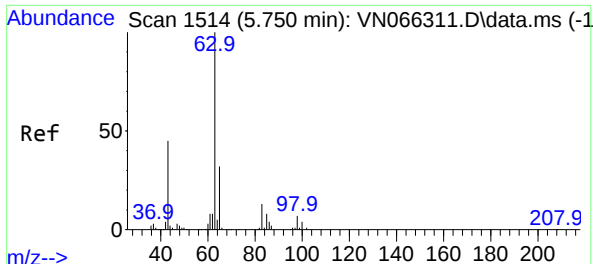
Diisopropyl ether
Concen: 5.71 ug/l
RT: 5.847 min Scan# 1550
Delta R.T. -0.008 min
Lab File: VN066309.D
Acq: 24 Mar 2021 14:06



Tgt Ion: 45 Resp: 81899

Ion	Ratio	Lower	Upper
45	100		
43	74.4	51.4	77.2
87	26.5	21.4	32.0
59	13.0	9.2	13.8





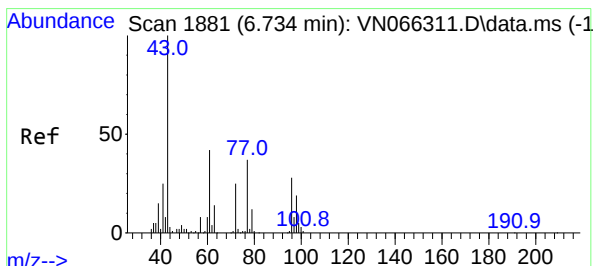
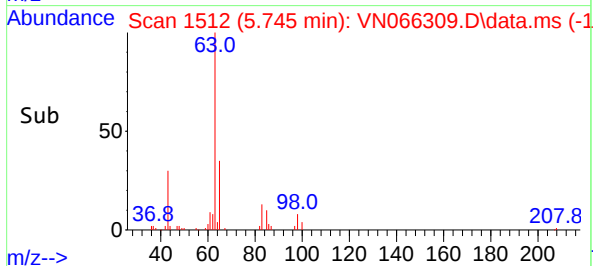
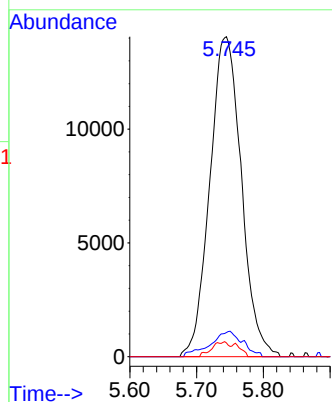
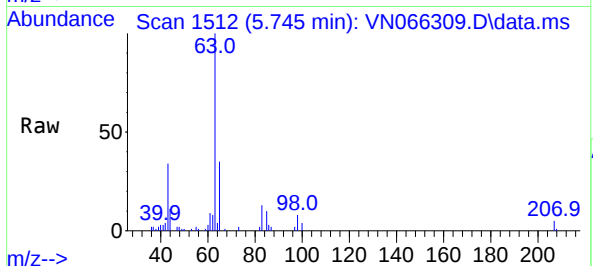
#21
1,1-Dichloroethane
Concen: 5.28 ug/l
RT: 5.745 min Scan# 1512
Delta R.T. -0.005 min
Lab File: VN066309.D
Acq: 24 Mar 2021 14:06

Tgt Ion:	63	Resp:	46151
Ion Ratio	Lower	Upper	
63	100		
98	7.5	3.3	9.9
100	4.3	1.9	5.7

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

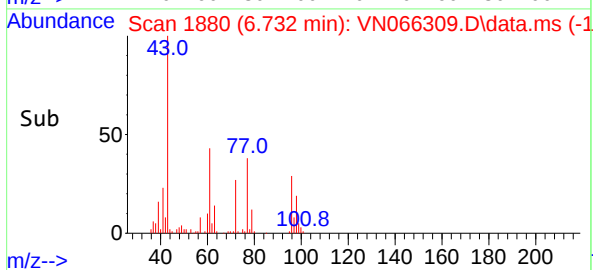
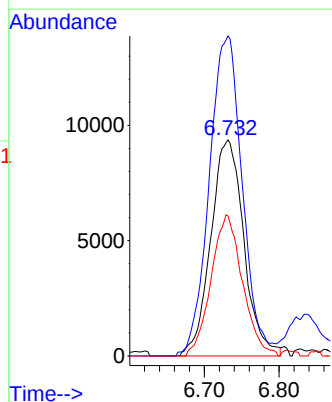
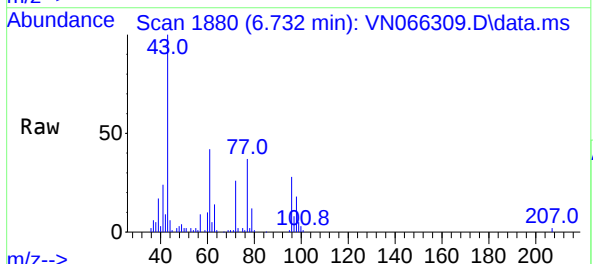
Manual Integrations
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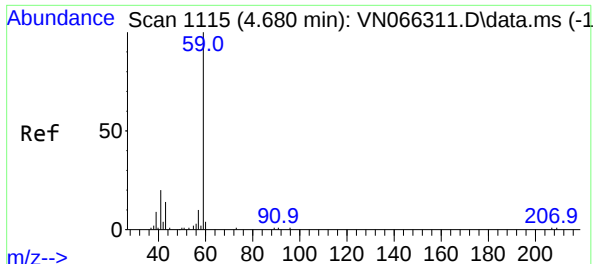
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#22
cis-1,2-Dichloroethene
Concen: 5.27 ug/l
RT: 6.732 min Scan# 1880
Delta R.T. -0.003 min
Lab File: VN066309.D
Acq: 24 Mar 2021 14:06

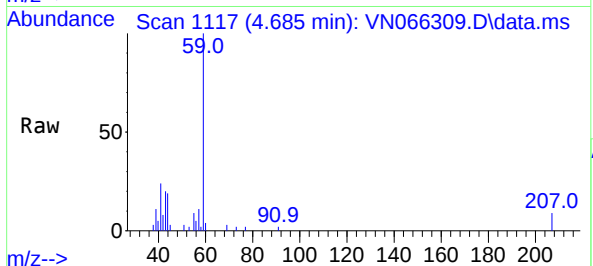
Tgt Ion:	96	Resp:	28853
Ion Ratio	Lower	Upper	
96	100		
61	143.2	119.4	179.0
98	61.6	51.5	77.3





#23
tert-Butyl Alcohol
Concen: 27.84 ug/l
RT: 4.685 min Scan# 1117
Delta R.T. 0.005 min
Lab File: VN066309.D
Acq: 24 Mar 2021 14:06

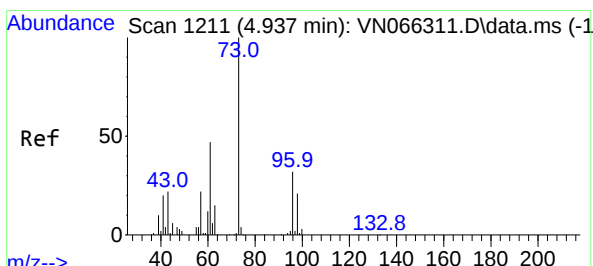
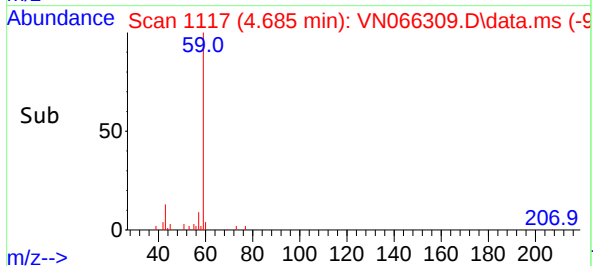
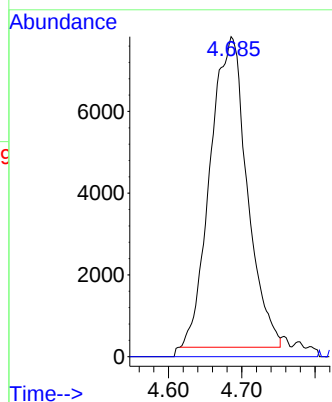
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 59 Resp: 26599
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1#

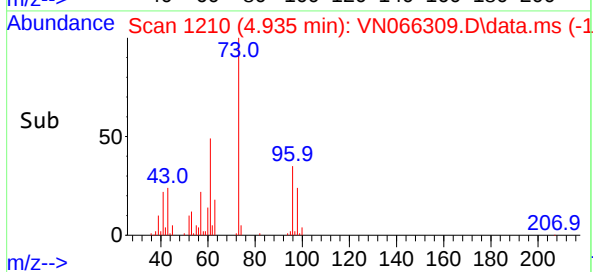
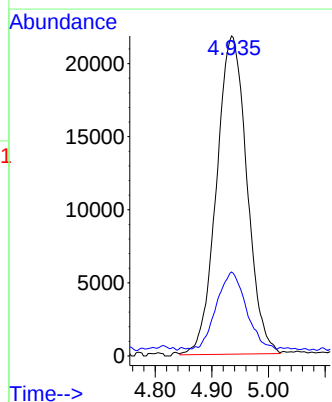
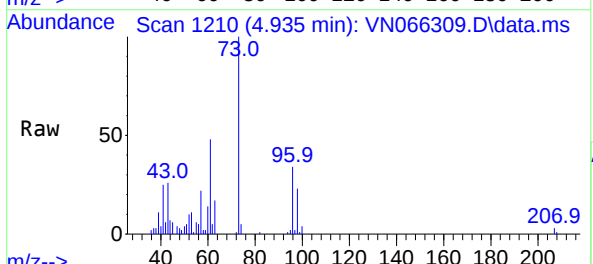
Manual Integrations
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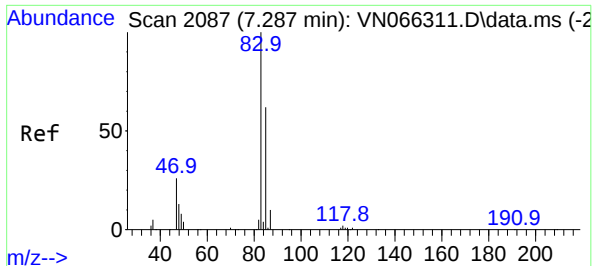
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#24
Methyl tert-Butyl Ether
Concen: 5.09 ug/l
RT: 4.935 min Scan# 1210
Delta R.T. -0.003 min
Lab File: VN066309.D
Acq: 24 Mar 2021 14:06

Tgt Ion: 73 Resp: 81231
Ion Ratio Lower Upper
73 100
43 23.3 18.5 27.7





#25

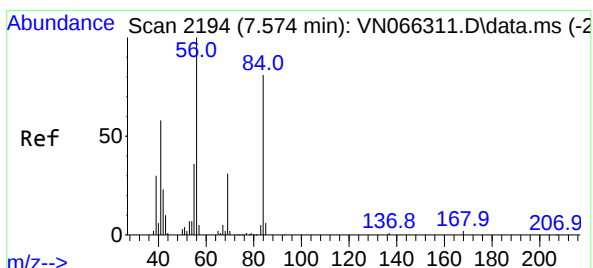
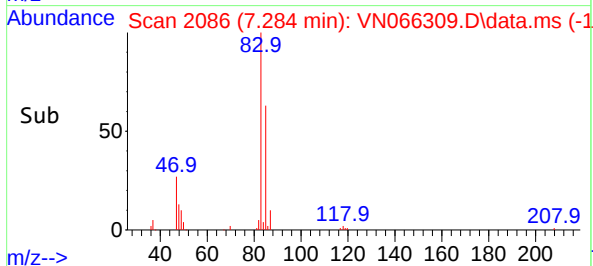
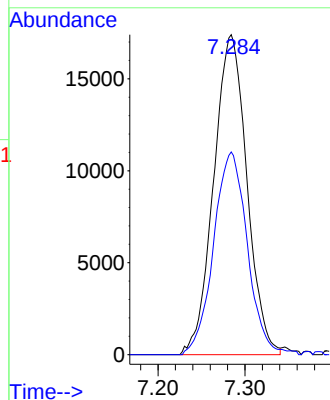
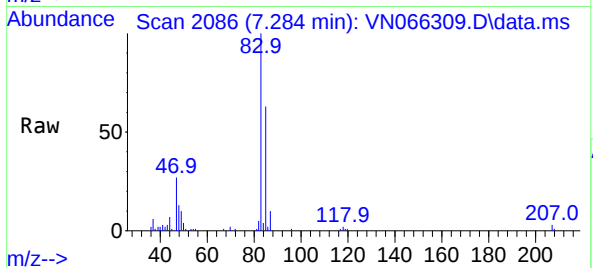
Chloroform
Concen: 4.94 ug/l
RT: 7.284 min Scan# 2086
Delta R.T. -0.003 min
Lab File: VN066309.D
Acq: 24 Mar 2021 14:06

Tgt Ion: 83 Resp: 46196
Ion Ratio Lower Upper
83 100
85 63.3 49.4 74.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Manual Integrations
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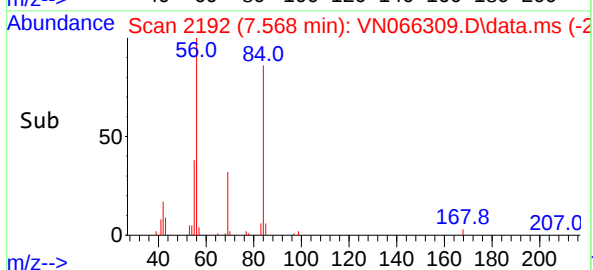
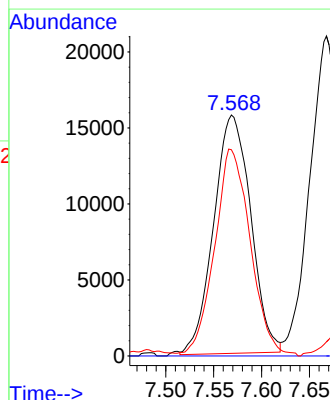
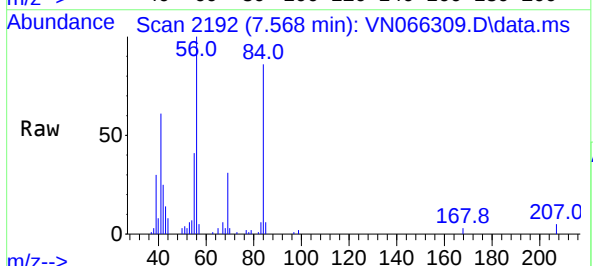
MMDadoda
3/30/2021 10:40:58 AM

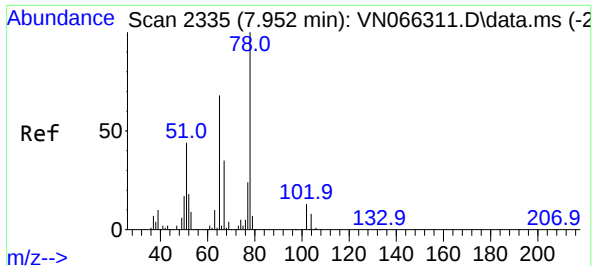


#26

Cyclohexane
Concen: 6.12 ug/l
RT: 7.568 min Scan# 2192
Delta R.T. -0.005 min
Lab File: VN066309.D
Acq: 24 Mar 2021 14:06

Tgt Ion: 56 Resp: 42194
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 83.9 65.4 98.2





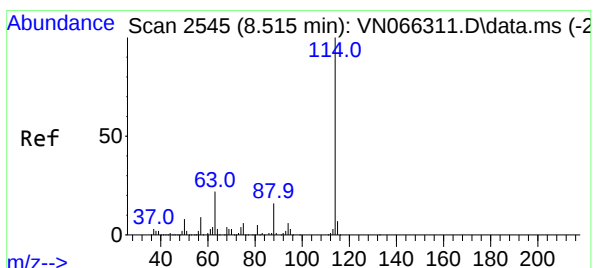
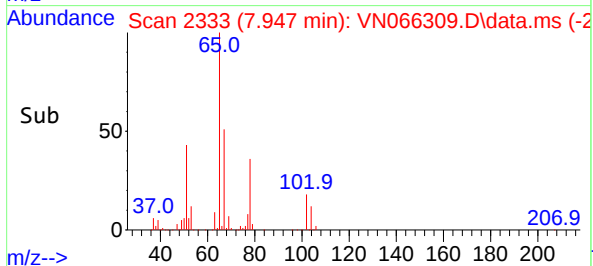
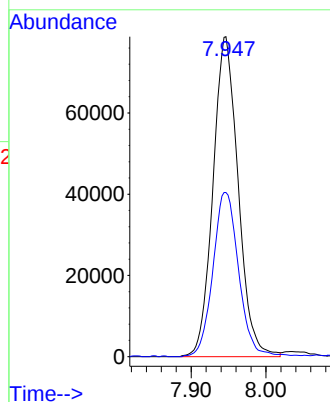
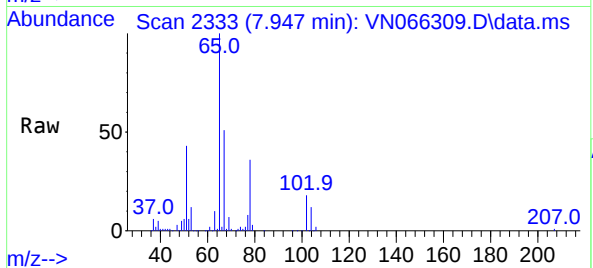
#27
1,2-Dichloroethane-d4
Concen: 27.69 ug/l
RT: 7.947 min Scan# 2333
Delta R.T. -0.005 min
Lab File: VN066309.D
Acq: 24 Mar 2021 14:06

Tgt Ion: 65 Resp: 184138
Ion Ratio Lower Upper
65 100
67 52.6 42.2 63.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

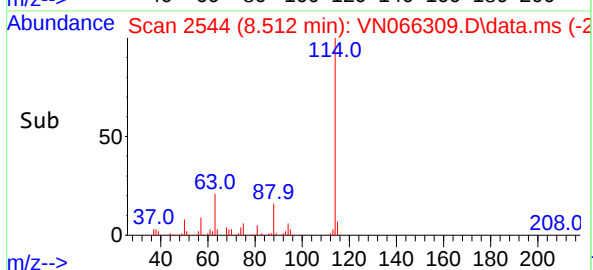
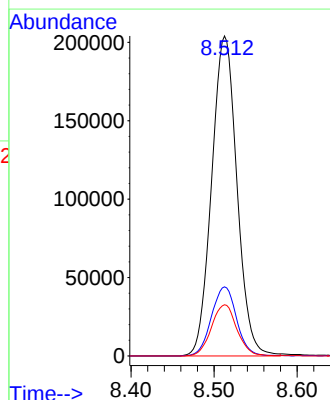
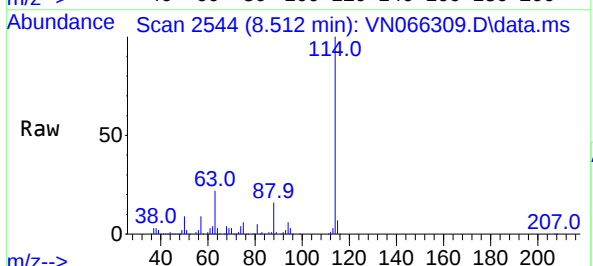
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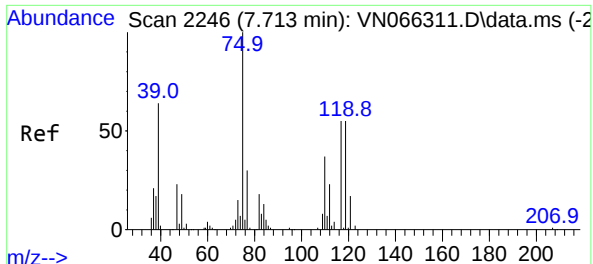
MMDadoda
3/30/2021 10:40:58 AM



#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 8.512 min Scan# 2544
Delta R.T. -0.003 min
Lab File: VN066309.D
Acq: 24 Mar 2021 14:06

Tgt Ion: 114 Resp: 431734
Ion Ratio Lower Upper
114 100
63 21.6 17.4 26.0
88 16.1 12.6 19.0





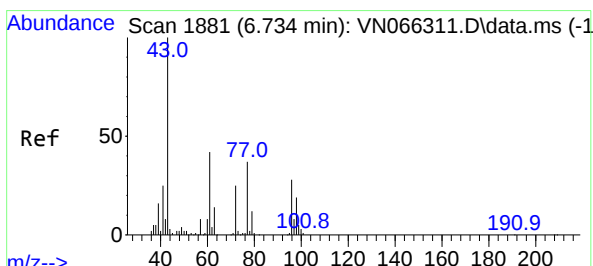
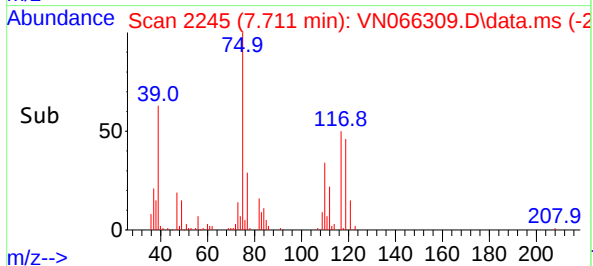
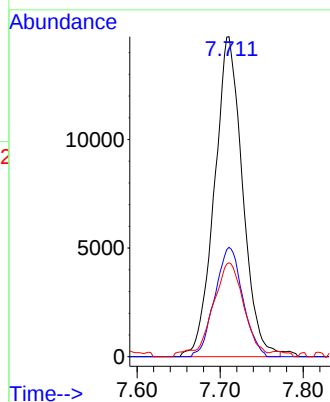
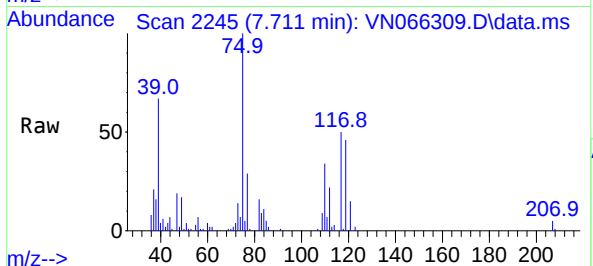
#29
1,1-Dichloropropene
Concen: 5.38 ug/l
RT: 7.711 min Scan# 2245
Delta R.T. -0.003 min
Lab File: VN066309.D
Acq: 24 Mar 2021 14:06

Tgt Ion:	75	Resp:	34613
Ion Ratio	Lower	Upper	
75	100		
110	34.0	0.0	69.4
77	30.0	0.0	60.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

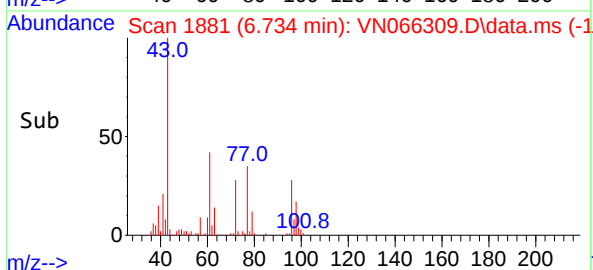
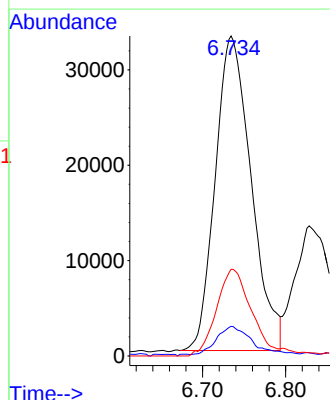
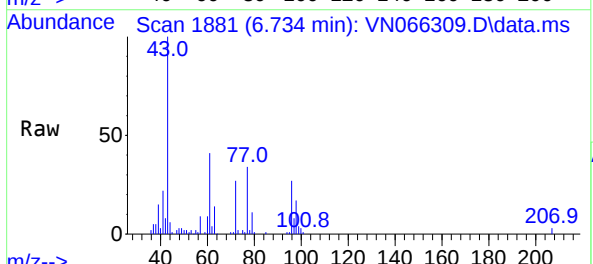
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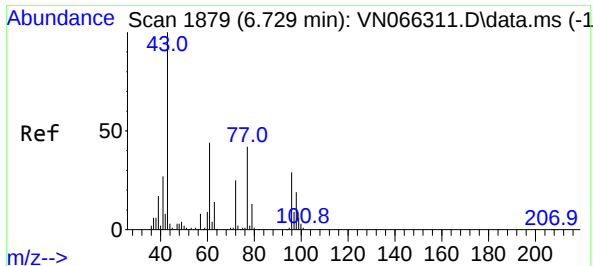
MMDadoda
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#30
2-Butanone
Concen: 35.06 ug/l
RT: 6.734 min Scan# 1881
Delta R.T. 0.000 min
Lab File: VN066309.D
Acq: 24 Mar 2021 14:06

Tgt Ion:	43	Resp:	98976
Ion Ratio	Lower	Upper	
43	100		
57	7.8	6.9	10.3
72	24.6	20.9	31.3





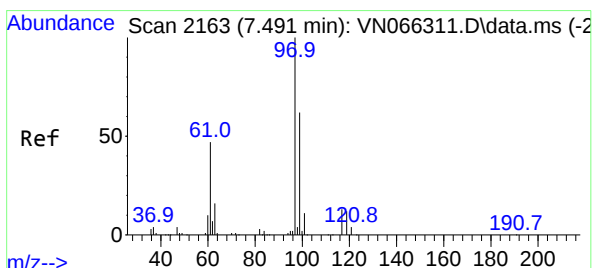
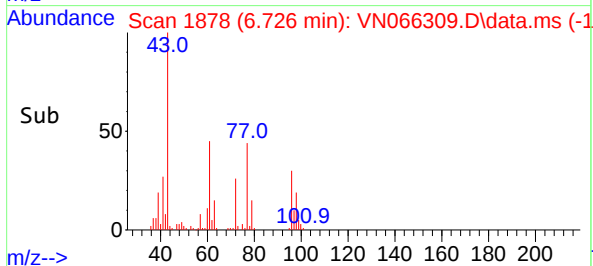
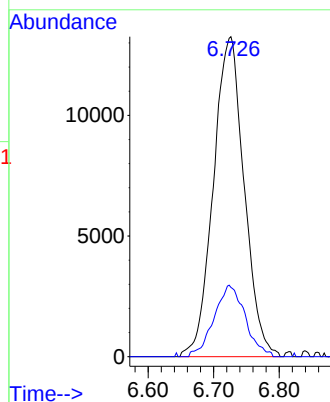
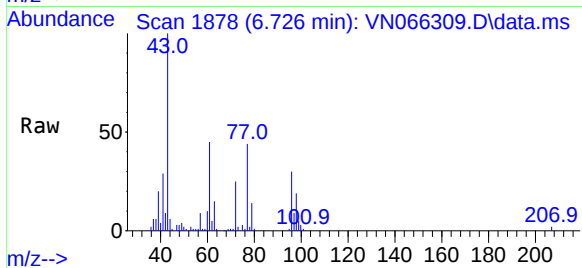
#31
2,2-Dichloropropane
Concen: 5.19 ug/l
RT: 6.726 min Scan# 1878
Delta R.T. -0.003 min
Lab File: VN066309.D
Acq: 24 Mar 2021 14:06

Tgt Ion: 77 Resp: 43227
Ion Ratio Lower Upper
77 100
97 19.2 18.1 27.1

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

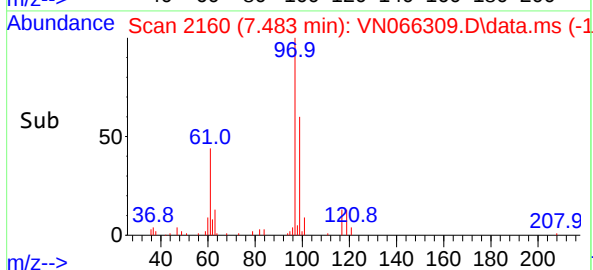
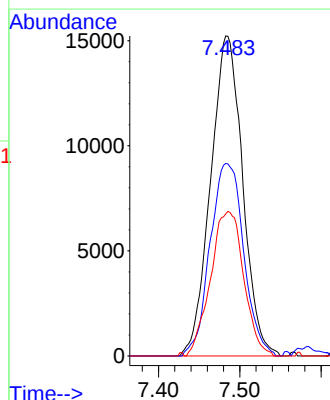
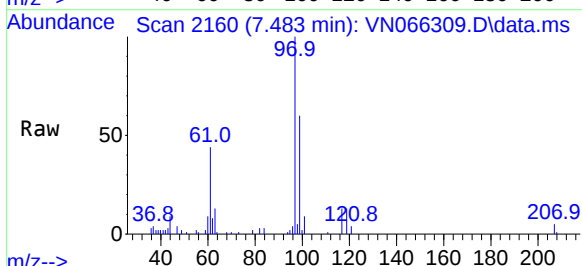
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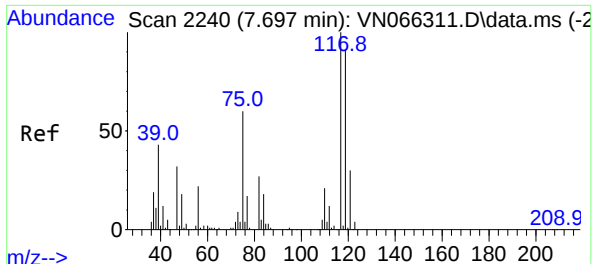
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 5.08 ug/l
RT: 7.483 min Scan# 2160
Delta R.T. -0.008 min
Lab File: VN066309.D
Acq: 24 Mar 2021 14:06

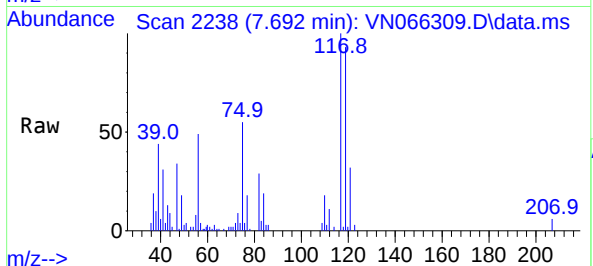
Tgt Ion: 97 Resp: 41721
Ion Ratio Lower Upper
97 100
99 63.2 50.7 76.1
61 46.8 37.6 56.4





#33
Carbon Tetrachloride
Concen: 5.00 ug/l
RT: 7.692 min Scan# 2238
Delta R.T. -0.005 min
Lab File: VN066309.D
Acq: 24 Mar 2021 14:06

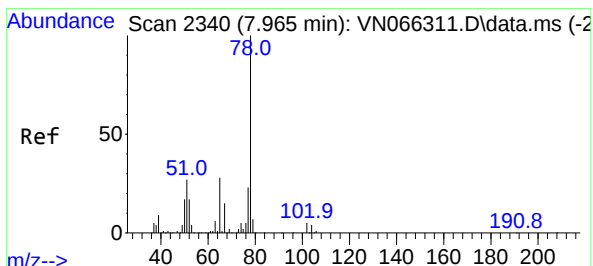
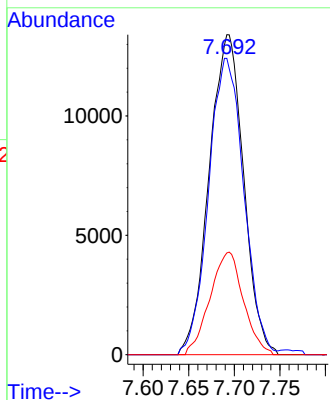
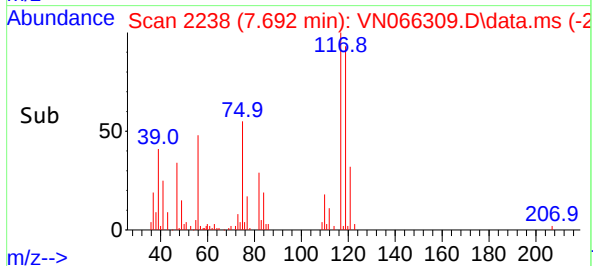
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



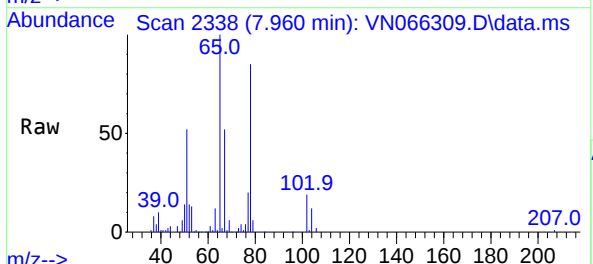
Tgt Ion:117 Resp: 35173
Ion Ratio Lower Upper
117 100
119 92.6 72.6 108.8
121 31.8 23.5 35.3

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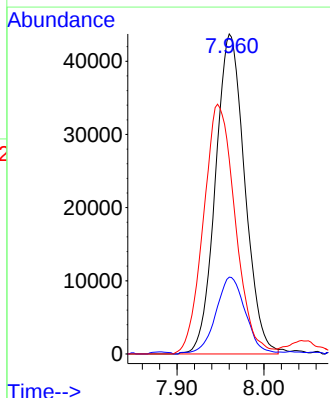
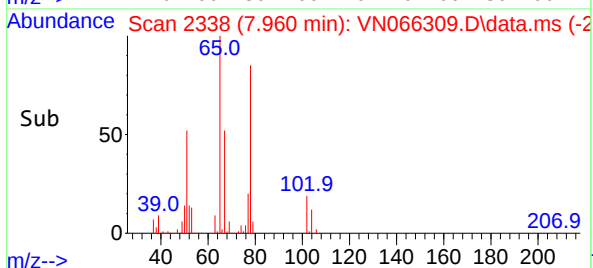
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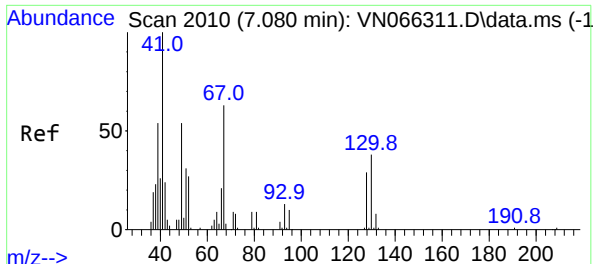


#34
Benzene
Concen: 5.23 ug/l
RT: 7.960 min Scan# 2338
Delta R.T. -0.005 min
Lab File: VN066309.D
Acq: 24 Mar 2021 14:06



Tgt Ion: 78 Resp: 102264
Ion Ratio Lower Upper
78 100
77 24.0 18.6 27.8
51 60.0 21.9 32.9#





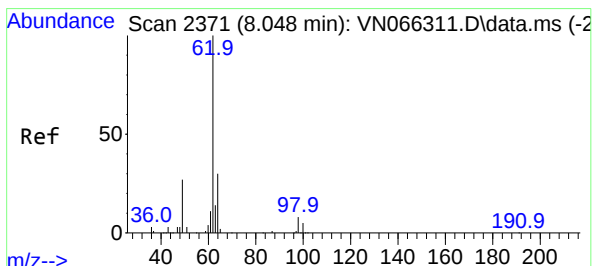
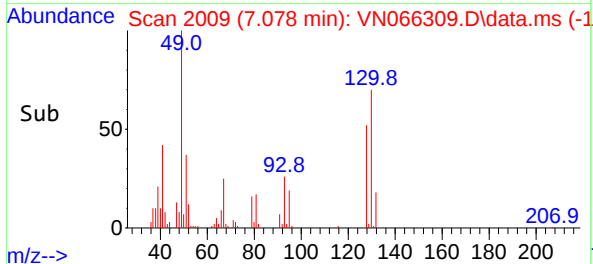
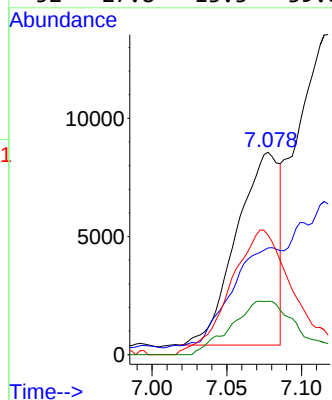
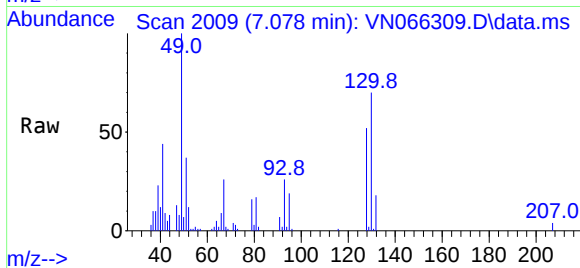
#35
Methacrylonitrile
Concen: 5.45 ug/l
RT: 7.078 min Scan# 2009
Delta R.T. -0.003 min
Lab File: VN066309.D
Acq: 24 Mar 2021 14:06

Tgt Ion:	41	Resp:	16235
Ion	Ratio	Lower	Upper
41	100		
39	50.7	27.3	81.8
67	60.0	31.4	94.3
52	27.8	13.3	39.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

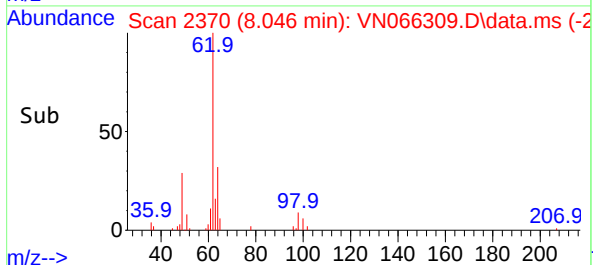
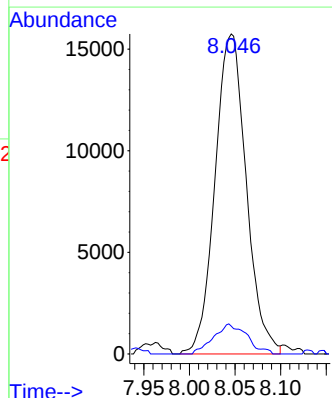
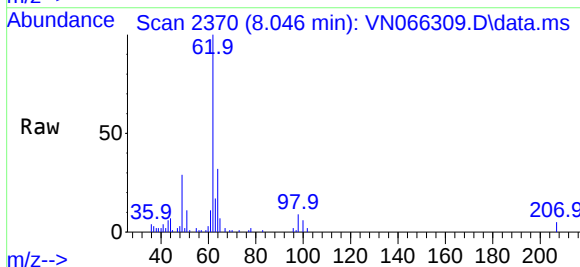
Manual Integrations
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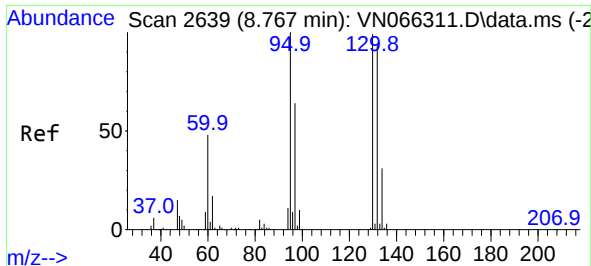
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#36
1,2-Dichloroethane
Concen: 4.78 ug/l
RT: 8.046 min Scan# 2370
Delta R.T. -0.003 min
Lab File: VN066309.D
Acq: 24 Mar 2021 14:06

Tgt Ion:	62	Resp:	37514
Ion	Ratio	Lower	Upper
62	100		
98	9.7	6.9	10.3





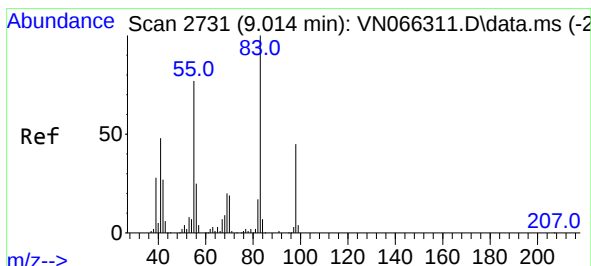
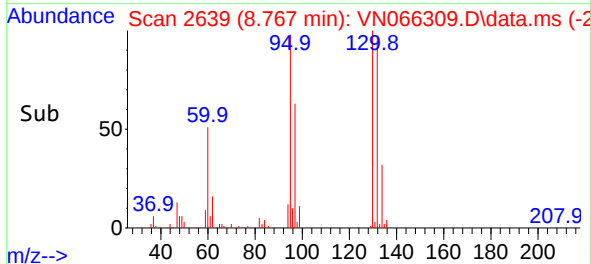
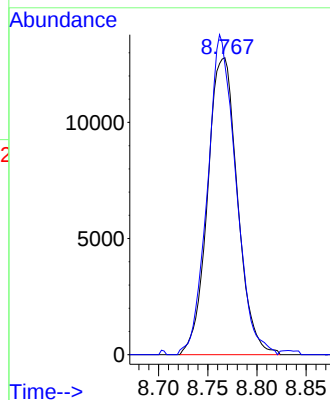
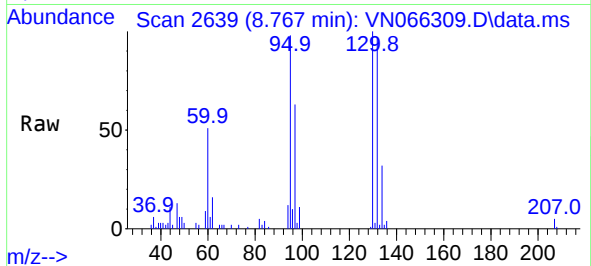
#37
Trichloroethene
Concen: 5.14 ug/l
RT: 8.767 min Scan# 2639
Delta R.T. 0.000 min
Lab File: VN066309.D
Acq: 24 Mar 2021 14:06

Tgt Ion:130 Resp: 27079
Ion Ratio Lower Upper
130 100
95 96.7 80.7 121.1

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

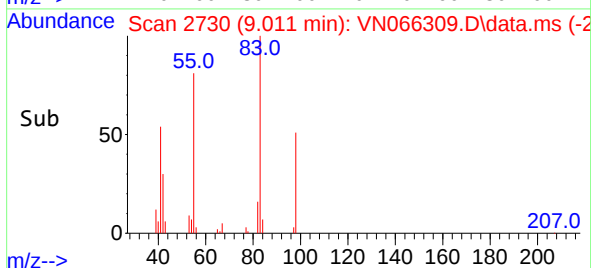
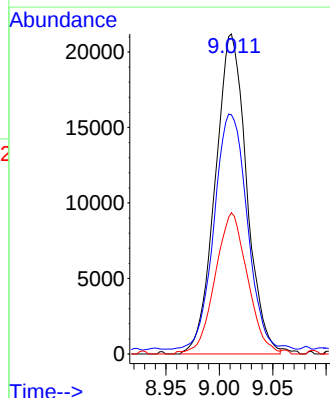
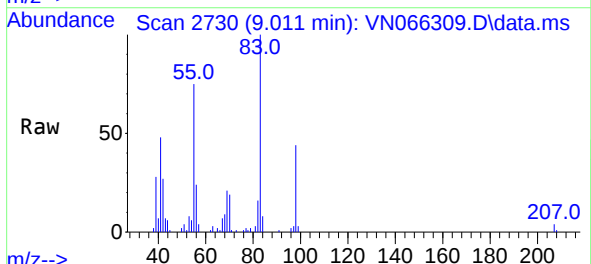
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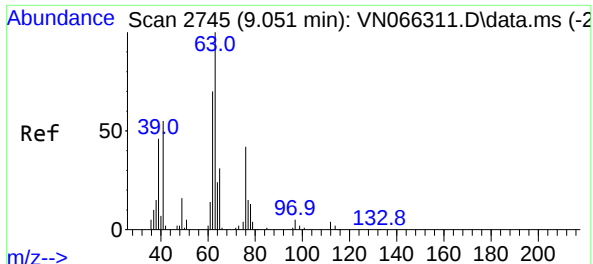
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#38
Methylcyclohexane
Concen: 6.07 ug/l
RT: 9.011 min Scan# 2730
Delta R.T. -0.003 min
Lab File: VN066309.D
Acq: 24 Mar 2021 14:06

Tgt Ion: 83 Resp: 43257
Ion Ratio Lower Upper
83 100
55 76.9 38.8 116.3
98 45.4 22.2 66.6





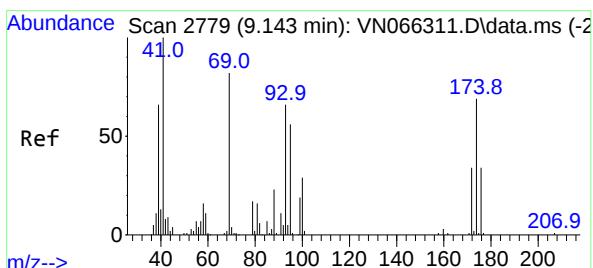
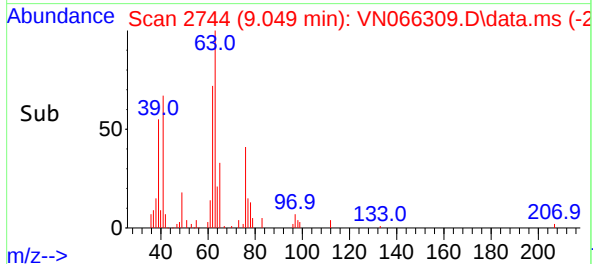
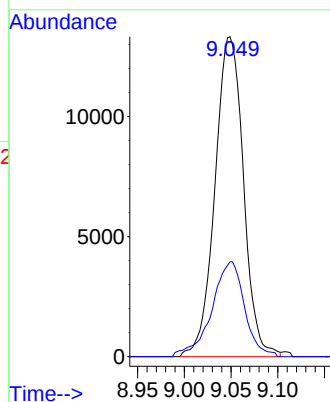
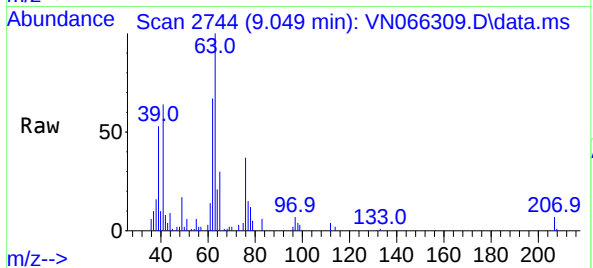
#39
1,2-Dichloropropane
Concen: 5.62 ug/l
RT: 9.049 min Scan# 2744
Delta R.T. -0.003 min
Lab File: VN066309.D
Acq: 24 Mar 2021 14:06

Tgt Ion: 63 Resp: 28336
Ion Ratio Lower Upper
63 100
65 29.7 24.9 37.3

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

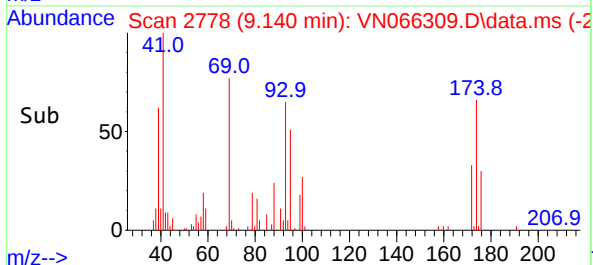
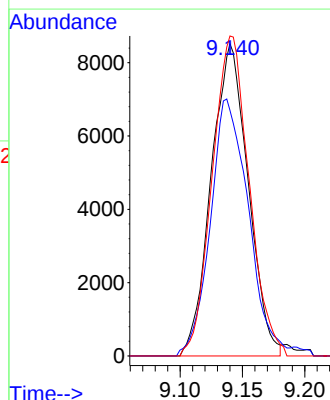
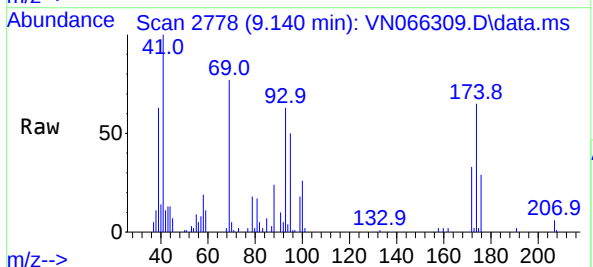
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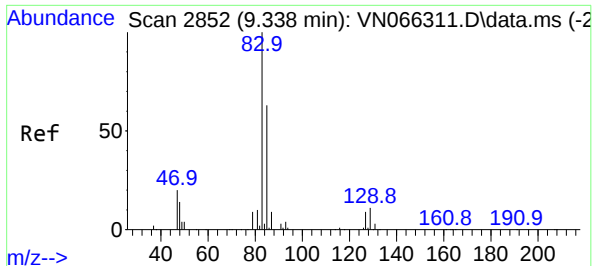
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#40
Dibromomethane
Concen: 5.16 ug/l
RT: 9.140 min Scan# 2778
Delta R.T. -0.003 min
Lab File: VN066309.D
Acq: 24 Mar 2021 14:06

Tgt Ion: 93 Resp: 17521
Ion Ratio Lower Upper
93 100
95 84.6 0.0 169.0
174 102.6 0.0 205.8





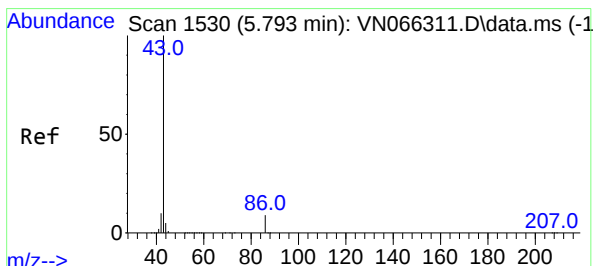
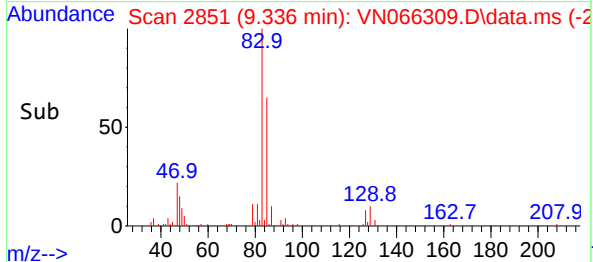
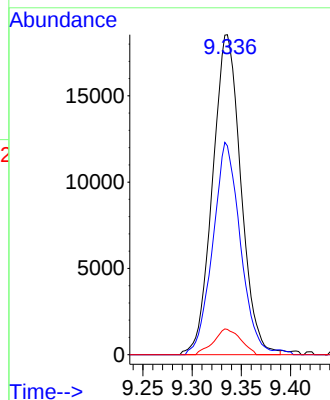
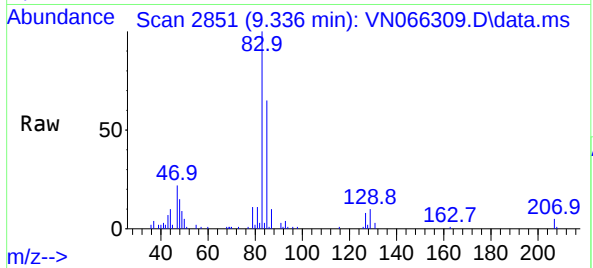
#41
Bromodichloromethane
Concen: 4.91 ug/l
RT: 9.336 min Scan# 2851
Delta R.T. -0.003 min
Lab File: VN066309.D
Acq: 24 Mar 2021 14:06

Tgt Ion:	83	Resp:	37213
Ion	Ratio	Lower	Upper
83	100		
85	65.2	50.6	75.8
127	9.4	6.9	10.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

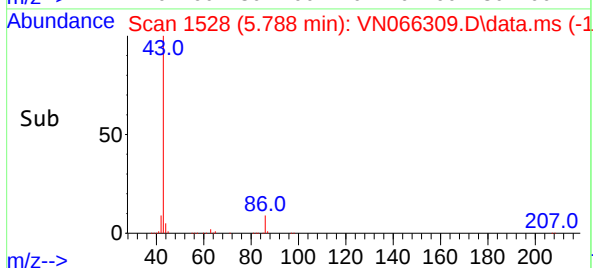
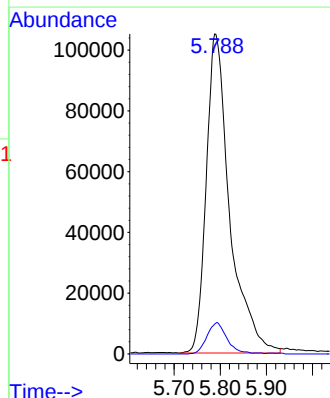
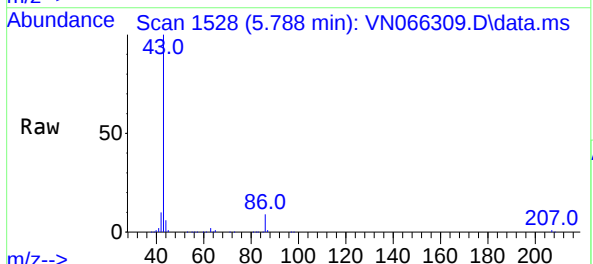
Manual Integrations
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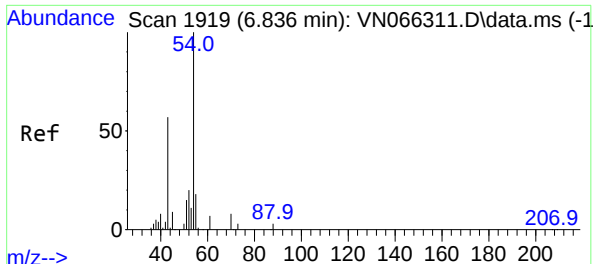
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3/30/2021 10:40:58 AM



#42
Vinyl Acetate
Concen: 30.56 ug/l
RT: 5.788 min Scan# 1528
Delta R.T. -0.005 min
Lab File: VN066309.D
Acq: 24 Mar 2021 14:06

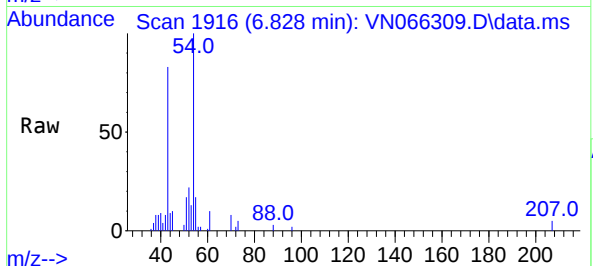
Tgt Ion:	43	Resp:	371041
Ion	Ratio	Lower	Upper
43	100		
86	8.1	6.7	10.1





#43
Ethyl Acetate
Concen: 5.37 ug/l
RT: 6.828 min Scan# 1916
Delta R.T. -0.008 min
Lab File: VN066309.D
Acq: 24 Mar 2021 14:06

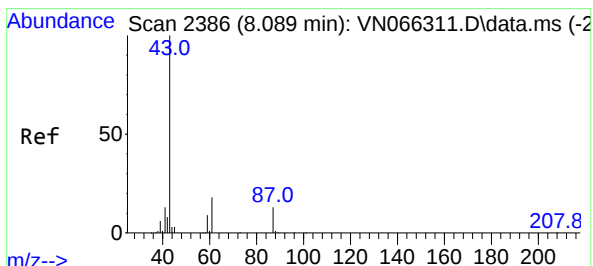
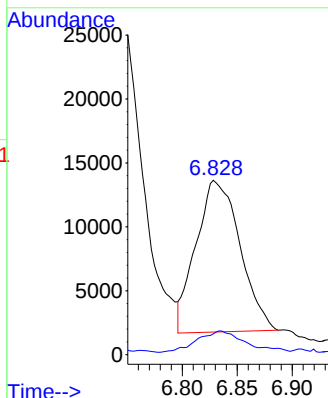
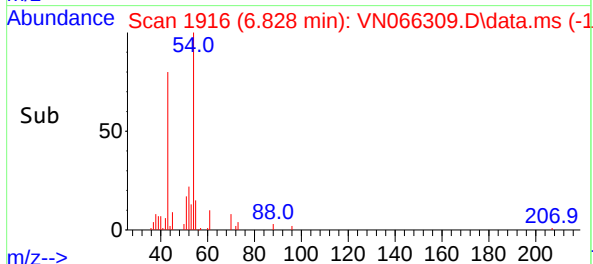
Instrument :
MSVOA_N
ClientSampled :
VSTDIC005



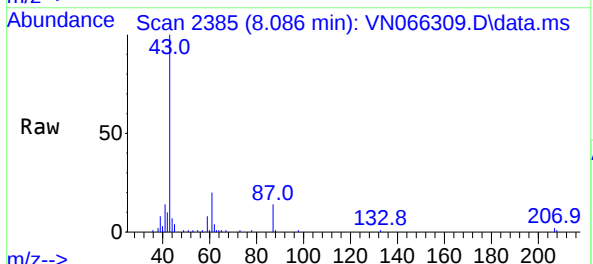
Tgt Ion: 43 Resp: 33026
Ion Ratio Lower Upper
43 100
45 10.0 0.0 0.0#

Manual Integrations
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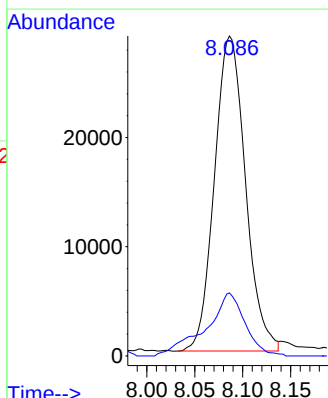
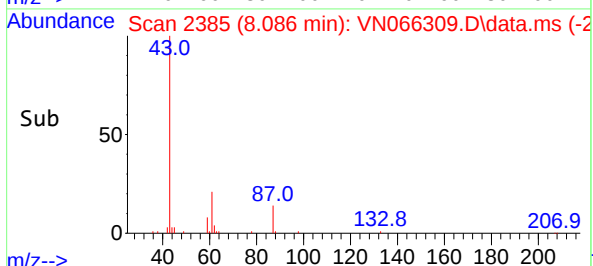
MMDadoda
3/30/2021 10:40:58 AM

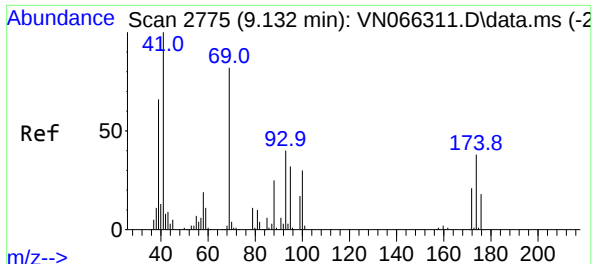


#44
Isopropyl Acetate
Concen: 6.12 ug/l
RT: 8.086 min Scan# 2385
Delta R.T. -0.003 min
Lab File: VN066309.D
Acq: 24 Mar 2021 14:06



Tgt Ion: 43 Resp: 64950
Ion Ratio Lower Upper
43 100
61 25.3 0.0 0.0#





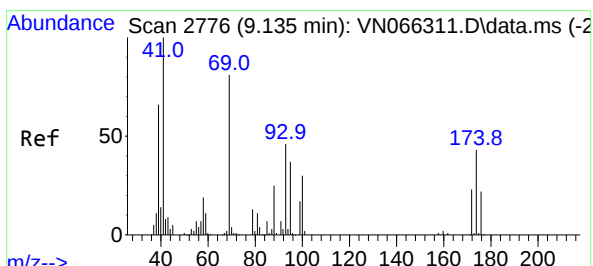
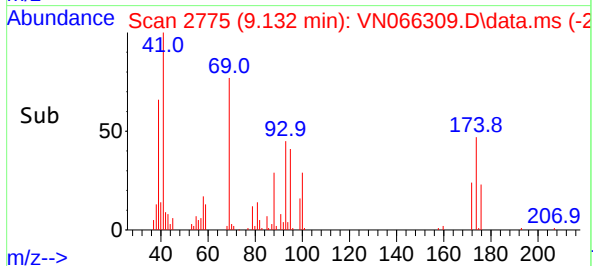
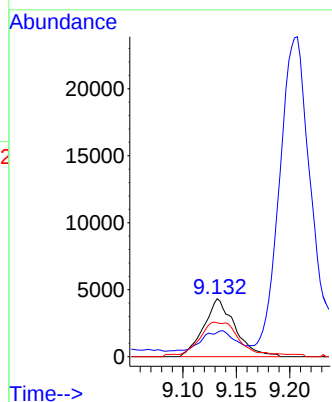
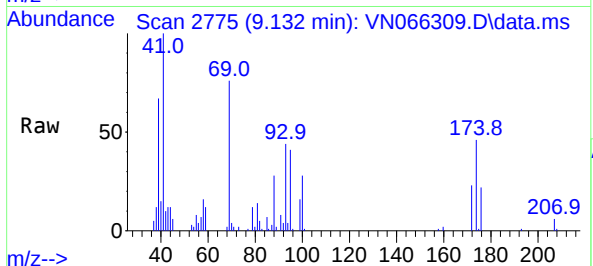
#45
1,4-Dioxane
Concen: 102.37 ug/l
RT: 9.132 min Scan# 2775
Delta R.T. 0.000 min
Lab File: VN066309.D
Acq: 24 Mar 2021 14:06

Tgt Ion: 88 Resp: 8774
Ion Ratio Lower Upper
88 100
43 15.8 27.0 40.4#
58 35.0 57.9 86.9#

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

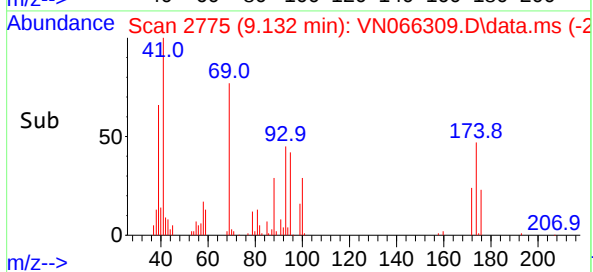
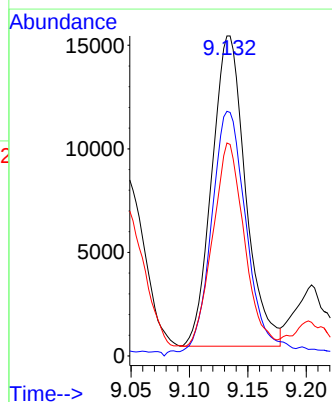
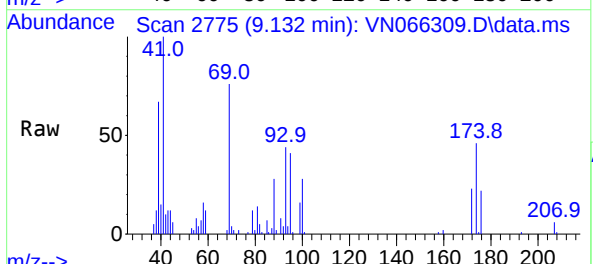
Manual Integrations
APPROVED

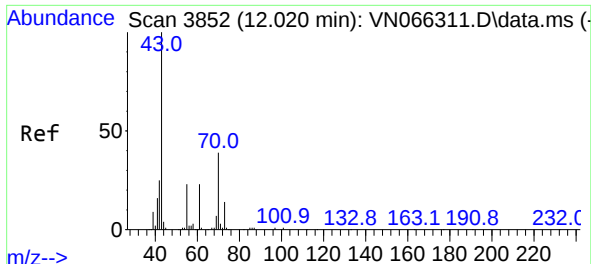
MMDadoda
3/30/2021 10:40:58 AM



#46
Methyl methacrylate
Concen: 6.06 ug/l
RT: 9.132 min Scan# 2775
Delta R.T. -0.003 min
Lab File: VN066309.D
Acq: 24 Mar 2021 14:06

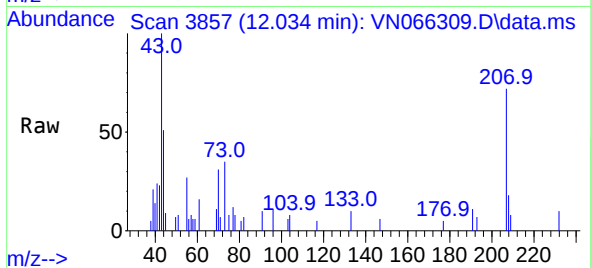
Tgt Ion: 41 Resp: 30019
Ion Ratio Lower Upper
41 100
69 77.5 40.6 121.7
39 65.3 33.2 99.6





#47
n-amy1 Acetate
Concen: 1.04 ug/l m
RT: 12.034 min Scan# 3857
Delta R.T. 0.013 min
Lab File: VN066309.D
Acq: 24 Mar 2021 14:06

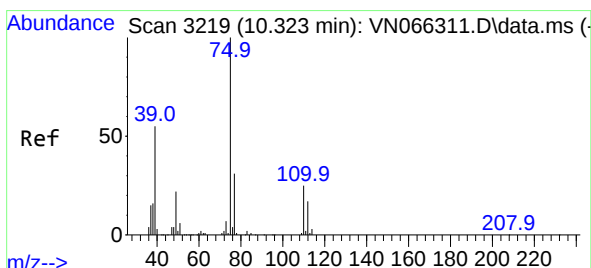
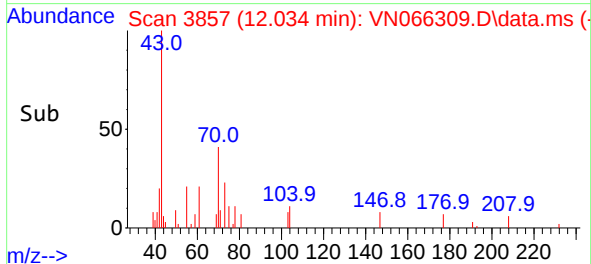
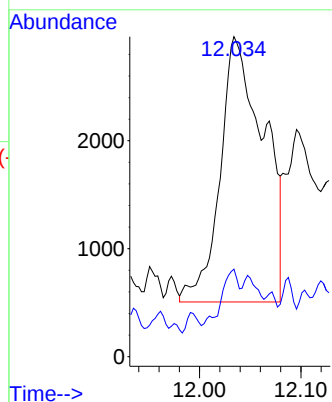
Instrument :
MSVOA_N
ClientSampled :
VSTDIC005



Tgt Ion: 43 Resp: 7320
Ion Ratio Lower Upper
43 100
55 0.4 17.7 26.5#

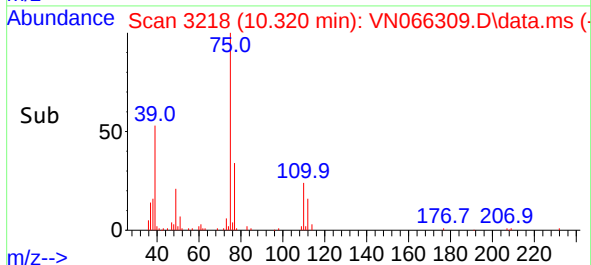
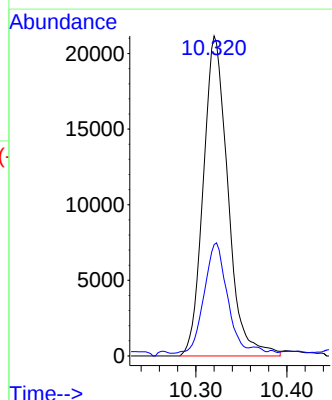
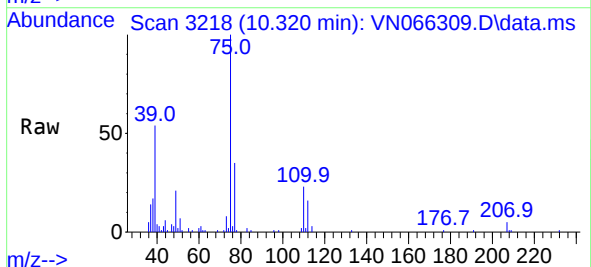
Manual Integrations
APPROVED

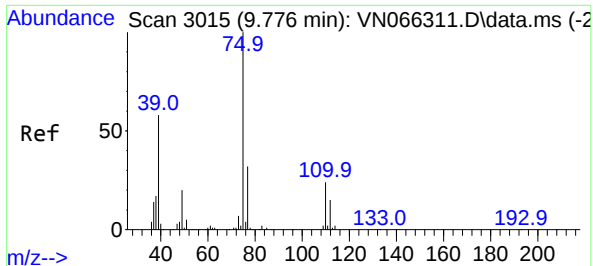
MMDadoda
3/30/2021 10:40:58 AM



#48
t-1,3-Dichloropropene
Concen: 4.59 ug/l
RT: 10.320 min Scan# 3218
Delta R.T. -0.003 min
Lab File: VN066309.D
Acq: 24 Mar 2021 14:06

Tgt Ion: 75 Resp: 39763
Ion Ratio Lower Upper
75 100
77 33.6 24.9 37.3





#49

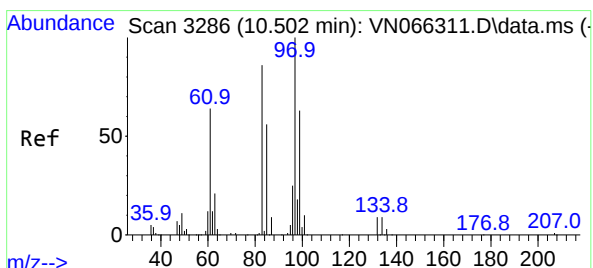
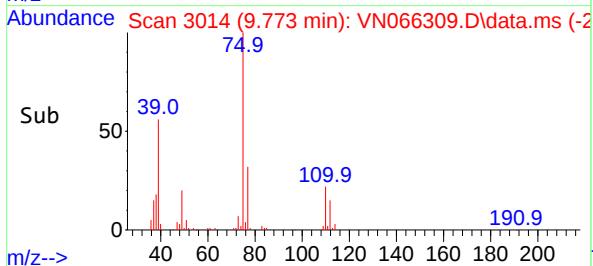
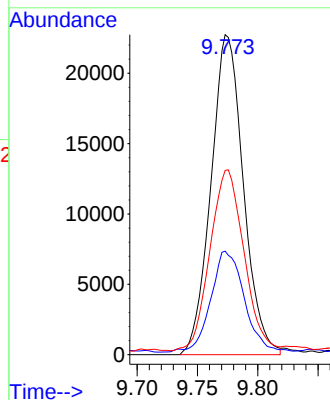
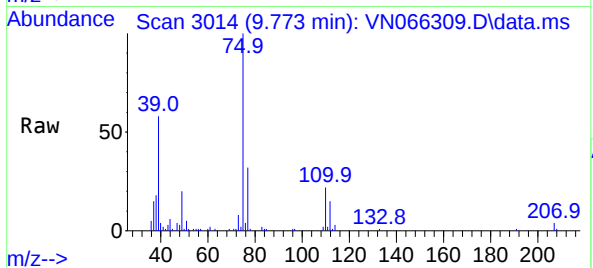
cis-1,3-Dichloropropene
Concen: 4.73 ug/l
RT: 9.773 min Scan# 3014
Delta R.T. -0.003 min
Lab File: VN066309.D
Acq: 24 Mar 2021 14:06

Tgt Ion:	75	Resp:	42499
Ion	Ratio	Lower	Upper
75	100		
77	30.8	25.4	38.0
39	55.5	46.8	70.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Manual Integrations
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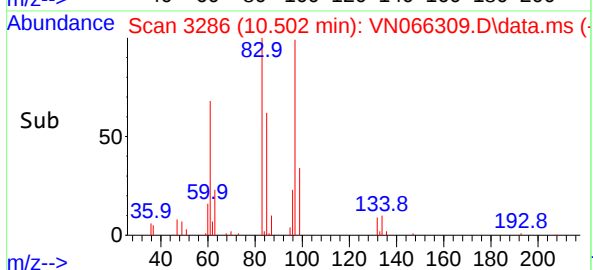
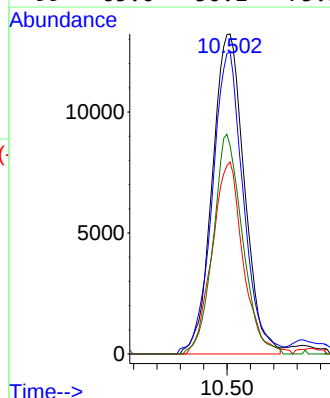
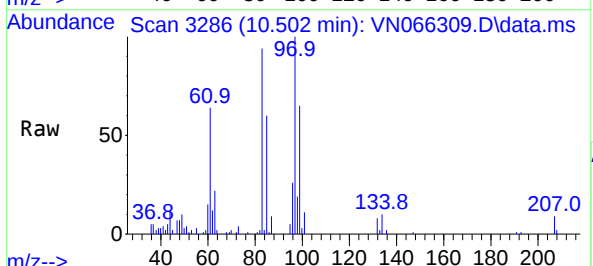
MMDadoda
3/30/2021 10:40:58 AM

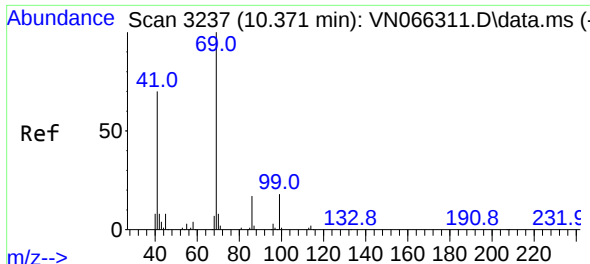


#50

1,1,2-Trichloroethane
Concen: 5.22 ug/l
RT: 10.502 min Scan# 3286
Delta R.T. 0.000 min
Lab File: VN066309.D
Acq: 24 Mar 2021 14:06

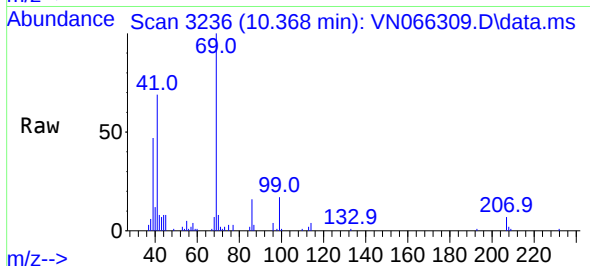
Tgt Ion:	97	Resp:	25122
Ion	Ratio	Lower	Upper
97	100		
83	92.9	68.8	103.2
85	59.9	44.8	67.2
99	65.0	50.1	75.1





#51
Ethyl methacrylate
Concen: 5.02 ug/l
RT: 10.368 min Scan# 3236
Delta R.T. -0.003 min
Lab File: VN066309.D
Acq: 24 Mar 2021 14:06

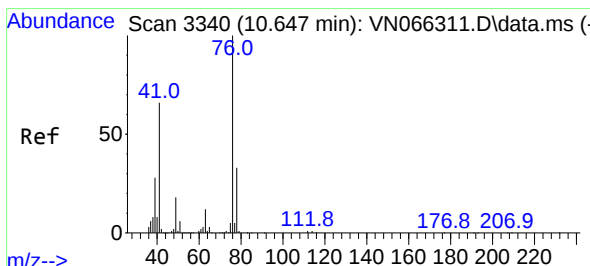
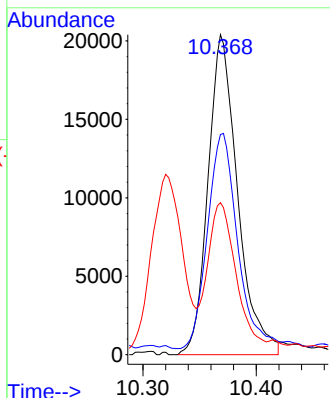
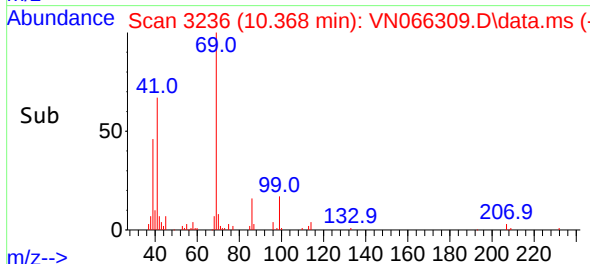
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



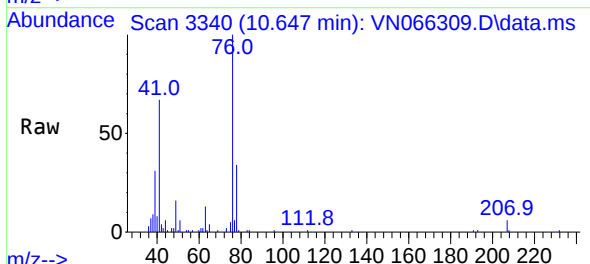
Tgt Ion: 69 Resp: 36998
Ion Ratio Lower Upper
69 100
41 66.9 34.8 104.5
39 43.6 22.5 67.5

Manual Integrations
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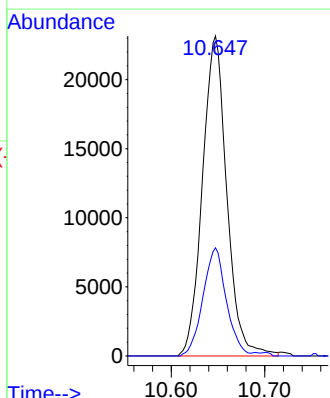
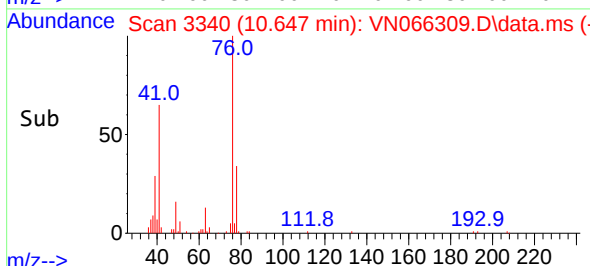
MMDadoda
3/30/2021 10:40:58 AM

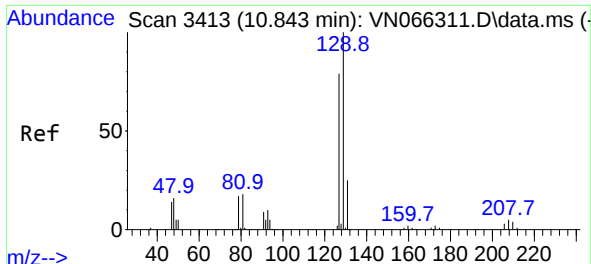


#52
1,3-Dichloropropane
Concen: 5.03 ug/l
RT: 10.647 min Scan# 3340
Delta R.T. 0.000 min
Lab File: VN066309.D
Acq: 24 Mar 2021 14:06



Tgt Ion: 76 Resp: 41898
Ion Ratio Lower Upper
76 100
78 32.4 0.0 65.6





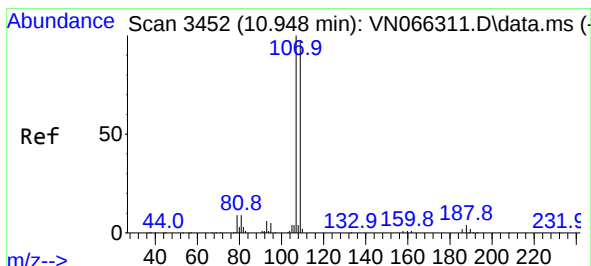
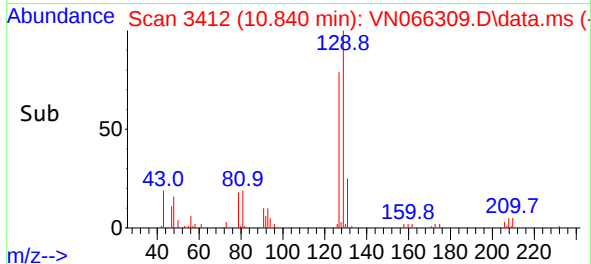
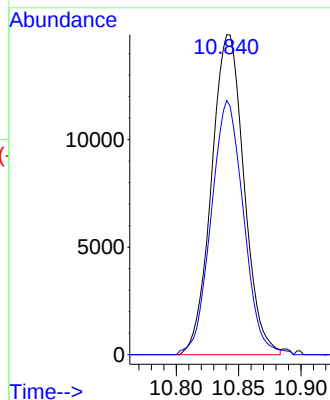
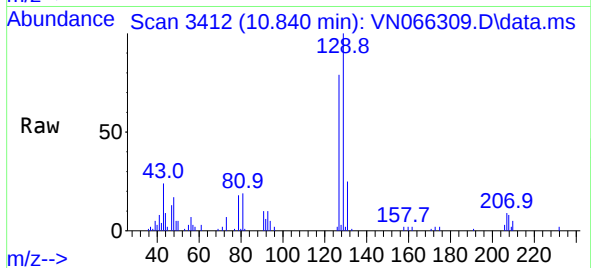
#53
Dibromochloromethane
Concen: 4.66 ug/l
RT: 10.840 min Scan# 3412
Delta R.T. -0.003 min
Lab File: VN066309.D
Acq: 24 Mar 2021 14:06

Tgt Ion:129 Resp: 27053
Ion Ratio Lower Upper
129 100
127 79.0 38.6 115.7

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

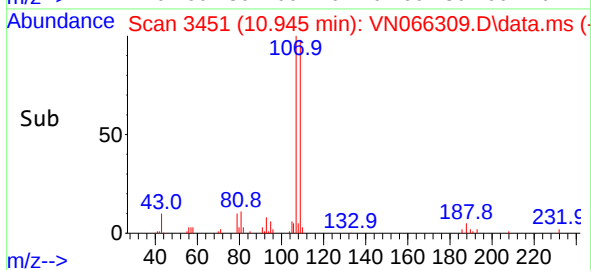
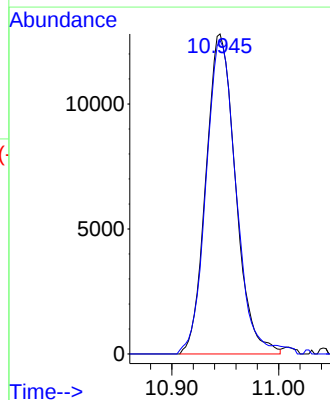
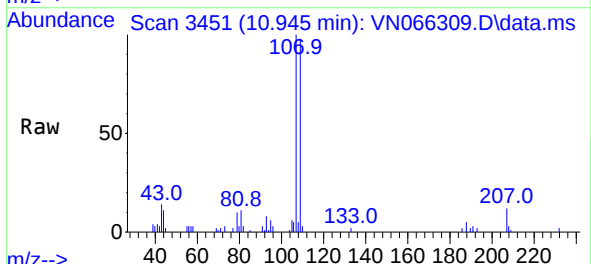
Manual Integrations
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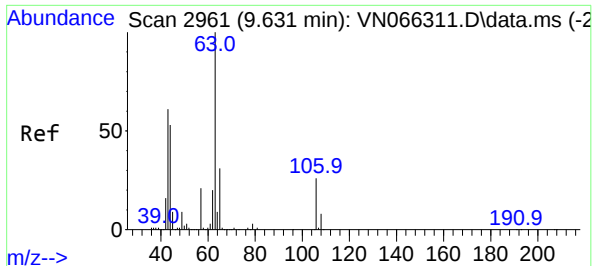
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3/30/2021 10:40:58 AM



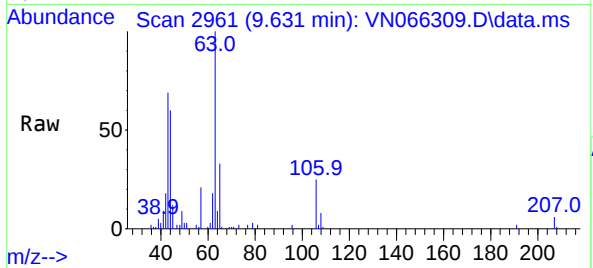
#54
1,2-Dibromoethane
Concen: 4.88 ug/l
RT: 10.945 min Scan# 3451
Delta R.T. -0.003 min
Lab File: VN066309.D
Acq: 24 Mar 2021 14:06

Tgt Ion:107 Resp: 24670
Ion Ratio Lower Upper
107 100
109 98.3 75.8 113.6



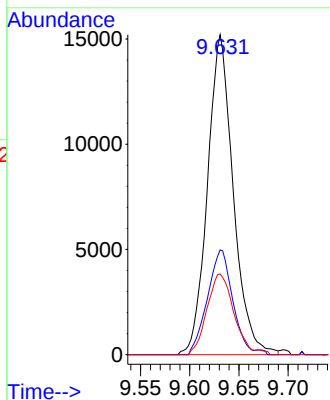


#55
2-Chloroethyl vinyl ether
Concen: 12.33 ug/l
RT: 9.631 min Scan# 2961
Delta R.T. 0.000 min
Lab File: VN066309.D
Acq: 24 Mar 2021 14:06



Tgt Ion: 63 Resp: 27762

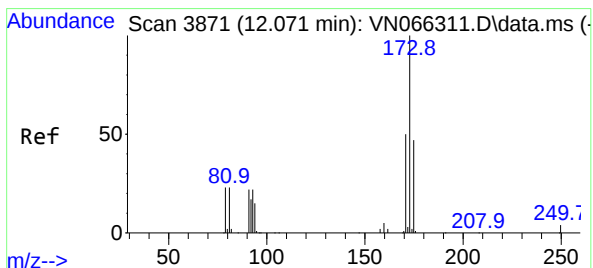
Ion	Ratio	Lower	Upper
63	100		
65	31.8	26.0	39.0
106	25.9	20.6	31.0



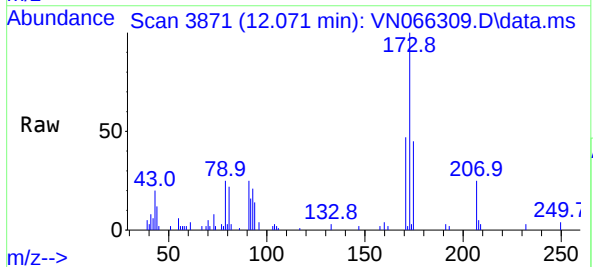
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Manual Integrations
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3/30/2021 10:40:58 AM

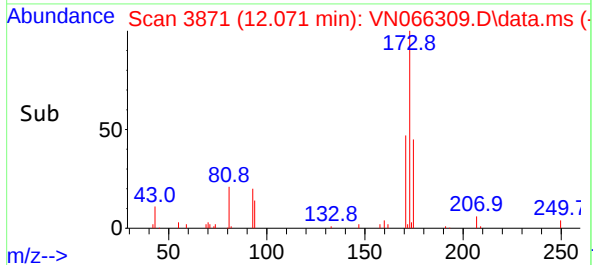
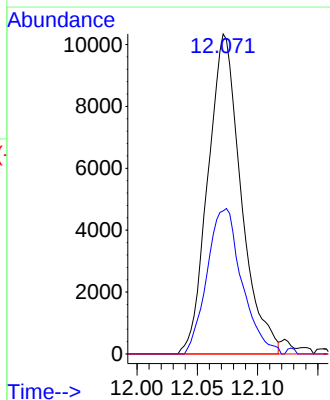


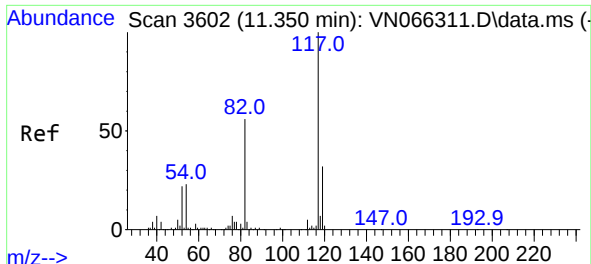
#56
Bromoform
Concen: 5.03 ug/l
RT: 12.071 min Scan# 3871
Delta R.T. 0.000 min
Lab File: VN066309.D
Acq: 24 Mar 2021 14:06



Tgt Ion: 173 Resp: 19714

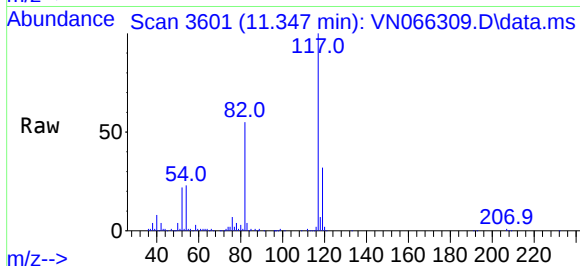
Ion	Ratio	Lower	Upper
173	100		
175	47.8	38.3	57.5
254	0.0	0.0	0.0





#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.347 min Scan# 3601
Delta R.T. -0.003 min
Lab File: VN066309.D
Acq: 24 Mar 2021 14:06

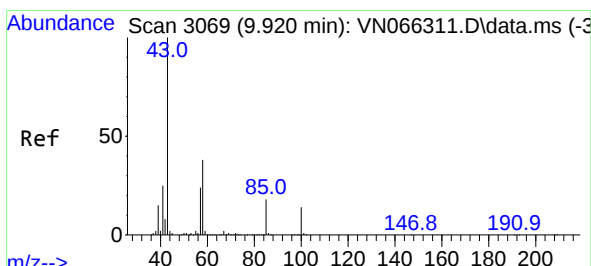
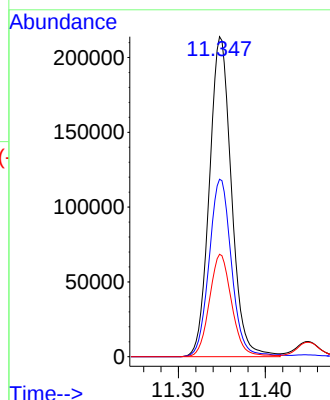
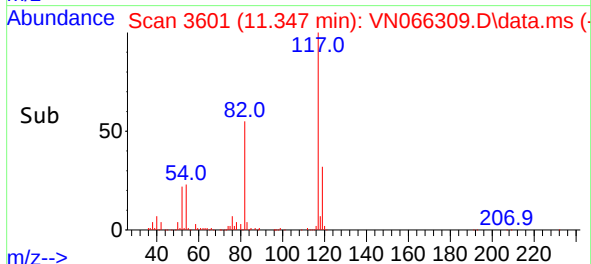
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



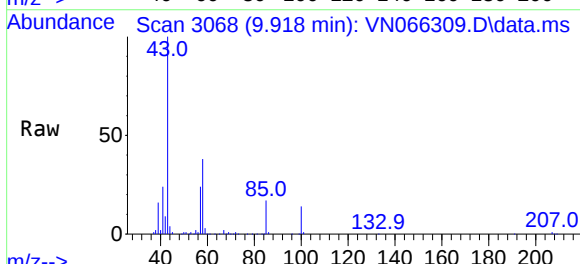
Tgt Ion: 117 Resp: 377042
Ion Ratio Lower Upper
117 100
82 56.2 45.0 67.6
119 32.2 25.5 38.3

Manual Integrations
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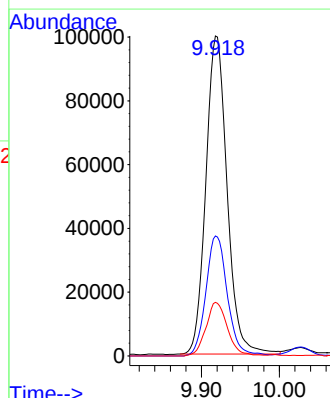
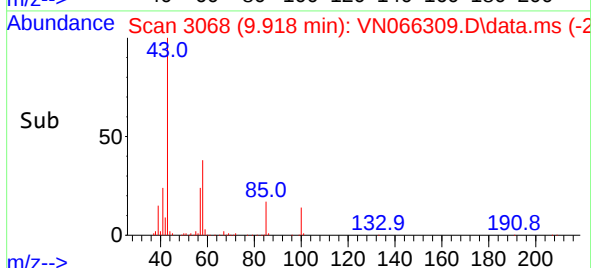
MMDadoda
3/30/2021 10:40:58 AM

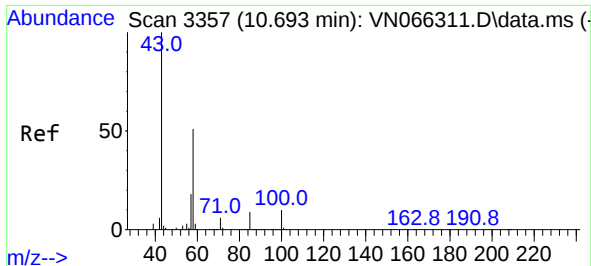


#58
4-Methyl-2-Pentanone
Concen: 34.21 ug/l
RT: 9.918 min Scan# 3068
Delta R.T. -0.003 min
Lab File: VN066309.D
Acq: 24 Mar 2021 14:06



Tgt Ion: 43 Resp: 189239
Ion Ratio Lower Upper
43 100
58 38.3 30.4 45.6
85 17.0 13.8 20.8





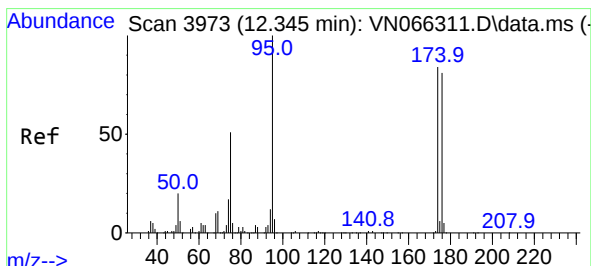
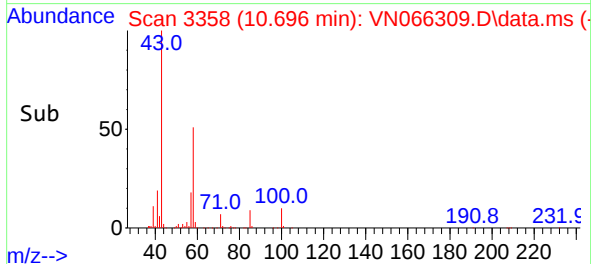
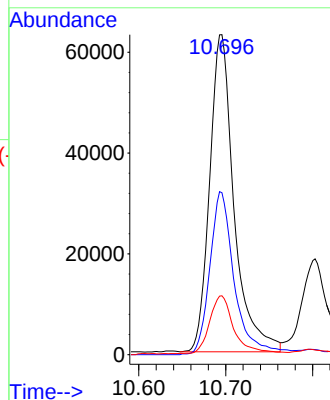
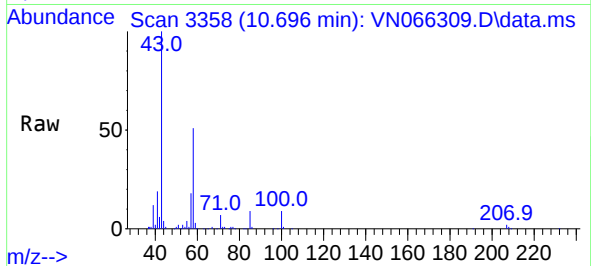
#59
2-Hexanone
Concen: 31.80 ug/l
RT: 10.696 min Scan# 3358
Delta R.T. 0.003 min
Lab File: VN066309.D
Acq: 24 Mar 2021 14:06

Tgt Ion: 43 Resp: 123010
Ion Ratio Lower Upper
43 100
58 50.3 41.8 62.6
57 17.8 14.9 22.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

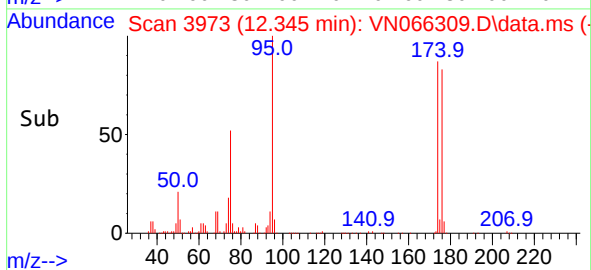
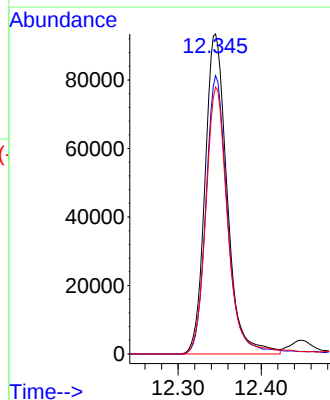
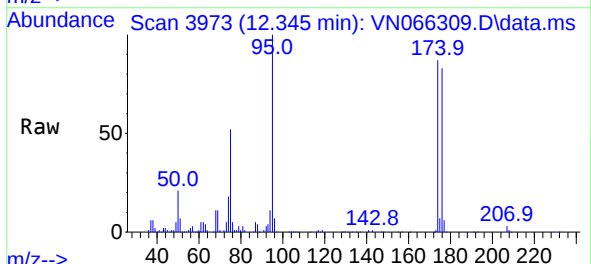
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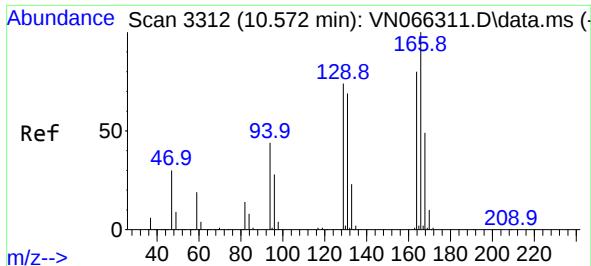
MMDadoda
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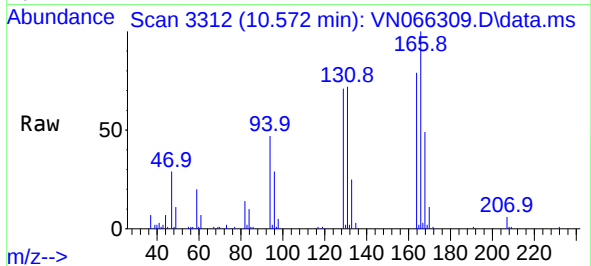
#60
4-Bromofluorobenzene
Concen: 26.80 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.000 min
Lab File: VN066309.D
Acq: 24 Mar 2021 14:06

Tgt Ion: 95 Resp: 172442
Ion Ratio Lower Upper
95 100
174 83.8 68.1 102.1
176 81.9 65.4 98.0

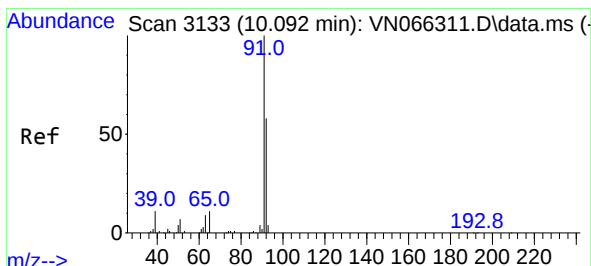
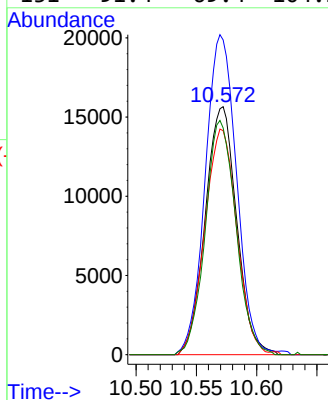
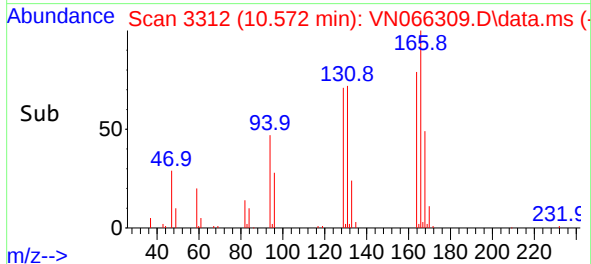




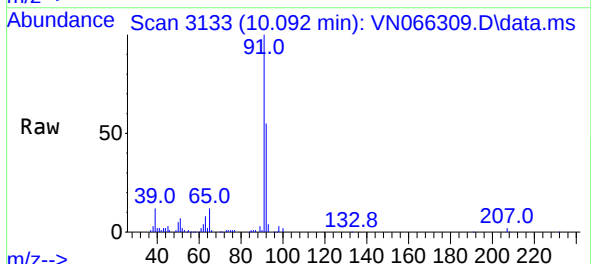
#61
Tetrachloroethene
Concen: 5.76 ug/l
RT: 10.572 min Scan# 3312
Delta R.T. 0.000 min
Lab File: VN066309.D
Acq: 24 Mar 2021 14:06



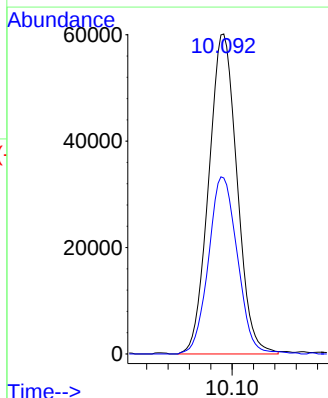
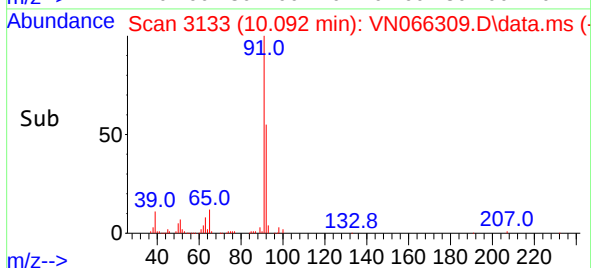
Tgt Ion:164 Resp: 28420
Ion Ratio Lower Upper
164 100
166 125.7 100.5 150.7
129 90.3 74.7 112.1
131 91.4 69.4 104.2



#62
Toluene
Concen: 5.55 ug/l
RT: 10.092 min Scan# 3133
Delta R.T. 0.000 min
Lab File: VN066309.D
Acq: 24 Mar 2021 14:06



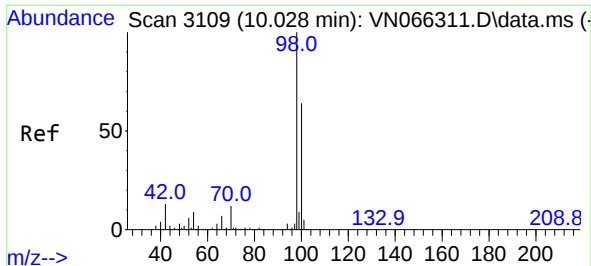
Tgt Ion: 91 Resp: 110787
Ion Ratio Lower Upper
91 100
92 56.5 46.2 69.2



Instrument :
MSVOA_N
ClientSampleId :
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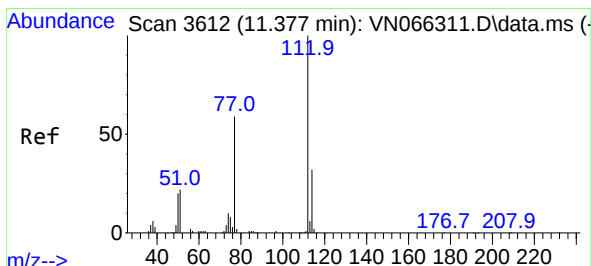
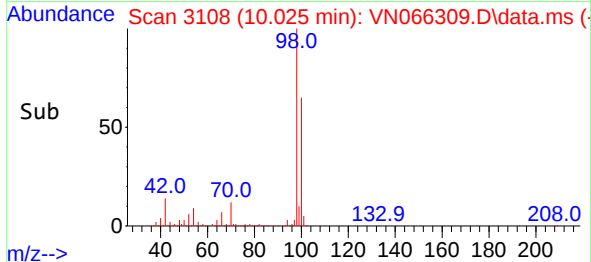
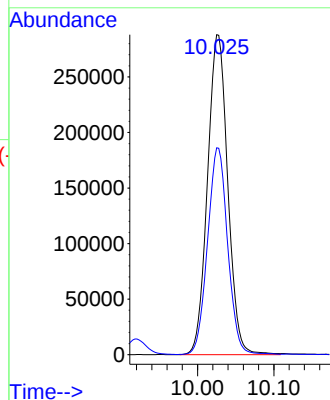
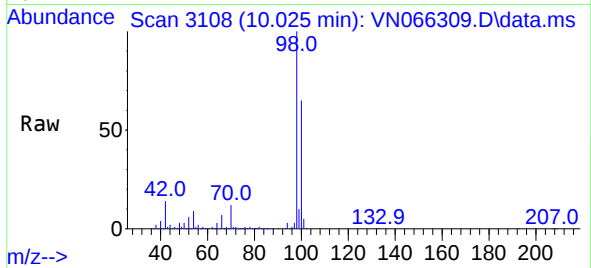
#63
Toluene-d8
Concen: 31.22 ug/l
RT: 10.025 min Scan# 3108
Delta R.T. -0.003 min
Lab File: VN066309.D
Acq: 24 Mar 2021 14:06

Tgt Ion: 98 Resp: 531547
Ion Ratio Lower Upper
98 100
100 64.0 51.1 76.7

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

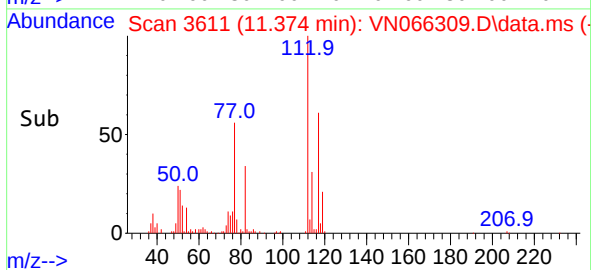
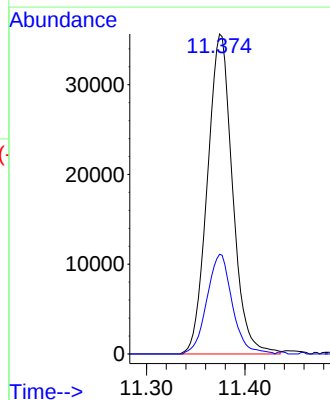
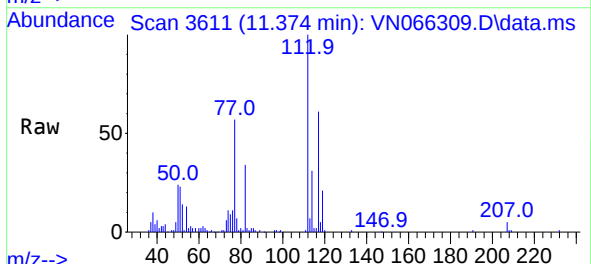
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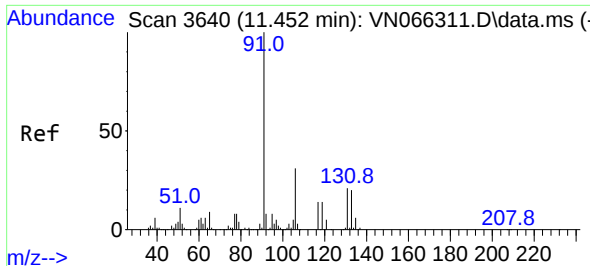
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#64
Chlorobenzene
Concen: 4.95 ug/l
RT: 11.374 min Scan# 3611
Delta R.T. -0.003 min
Lab File: VN066309.D
Acq: 24 Mar 2021 14:06

Tgt Ion: 112 Resp: 63231
Ion Ratio Lower Upper
112 100
114 31.2 25.6 38.4





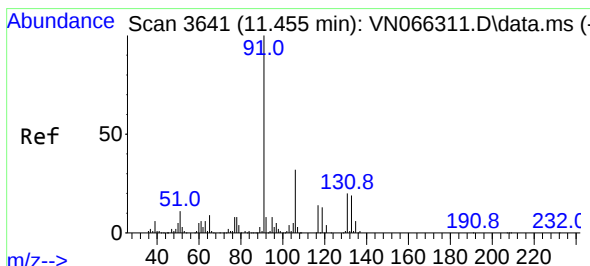
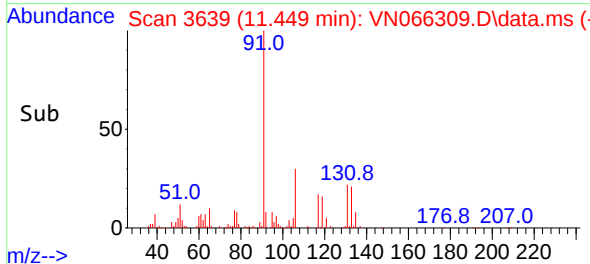
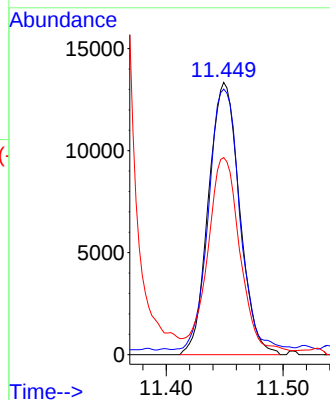
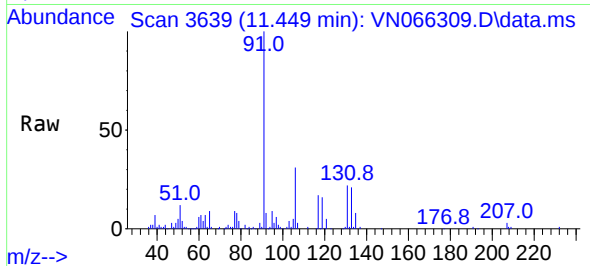
#65
1,1,1,2-Tetrachloroethane
Concen: 5.01 ug/l
RT: 11.449 min Scan# 3639
Delta R.T. -0.003 min
Lab File: VN066309.D
Acq: 24 Mar 2021 14:06

Tgt Ion:131 Resp: 24639
Ion Ratio Lower Upper
131 100
133 95.5 0.0 188.4
119 66.9 0.0 134.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

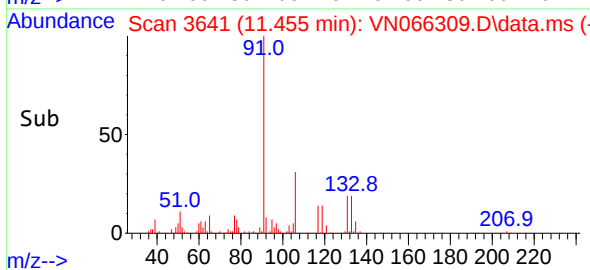
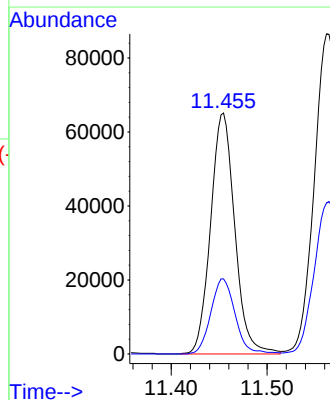
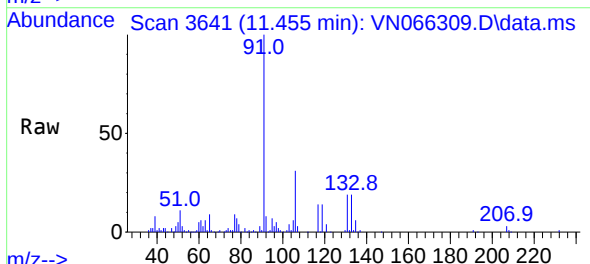
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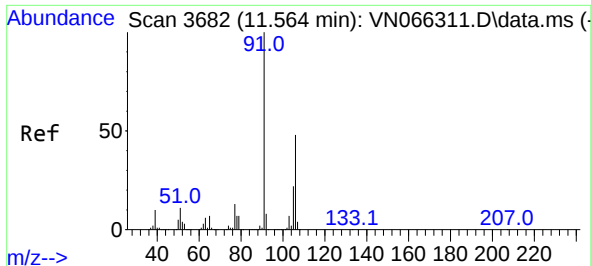
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#66
Ethyl Benzene
Concen: 5.03 ug/l
RT: 11.455 min Scan# 3641
Delta R.T. 0.000 min
Lab File: VN066309.D
Acq: 24 Mar 2021 14:06

Tgt Ion: 91 Resp: 114073
Ion Ratio Lower Upper
91 100
106 31.1 25.5 38.3





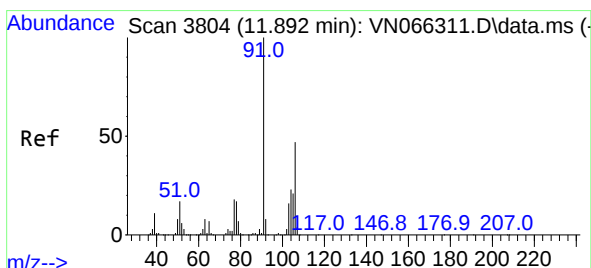
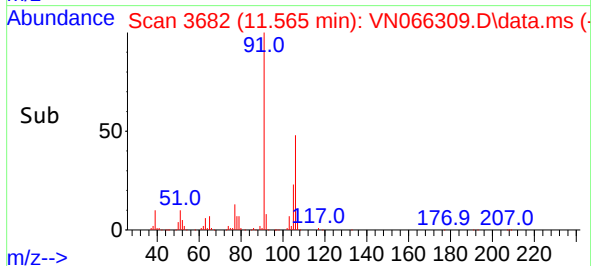
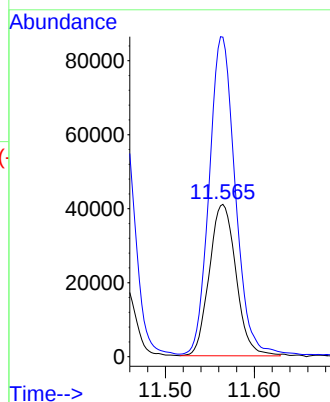
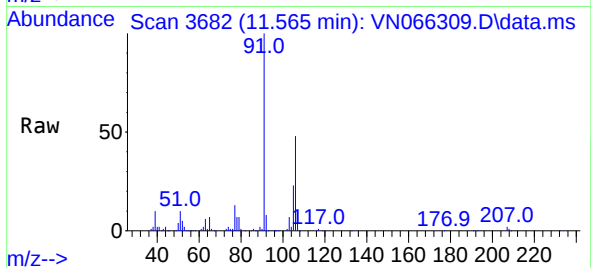
#67
m/p-Xylenes
Concen: 9.79 ug/l
RT: 11.565 min Scan# 3682
Delta R.T. 0.000 min
Lab File: VN066309.D
Acq: 24 Mar 2021 14:06

Tgt Ion:106 Resp: 85332
Ion Ratio Lower Upper
106 100
91 205.5 164.8 247.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

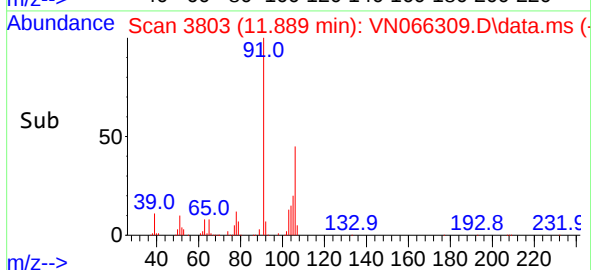
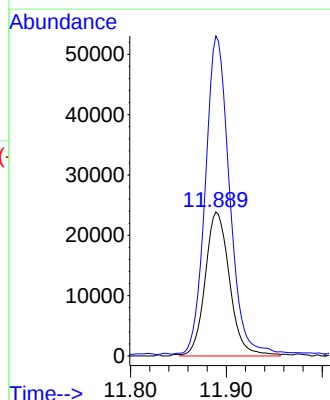
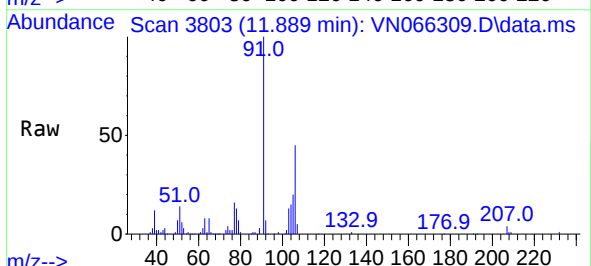
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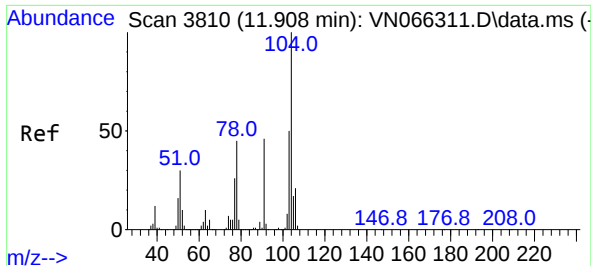
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#68
o-Xylene
Concen: 4.94 ug/l
RT: 11.889 min Scan# 3803
Delta R.T. -0.003 min
Lab File: VN066309.D
Acq: 24 Mar 2021 14:06

Tgt Ion:106 Resp: 42313
Ion Ratio Lower Upper
106 100
91 216.9 107.1 321.4





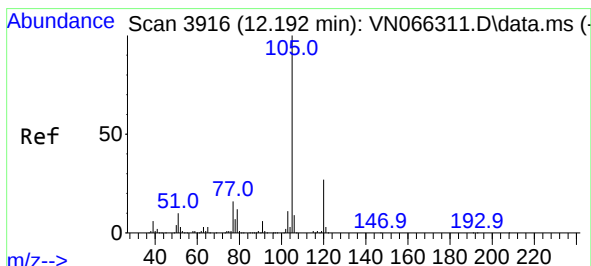
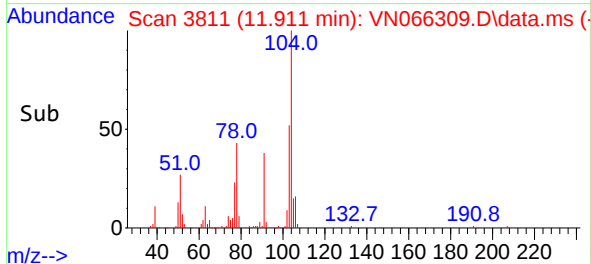
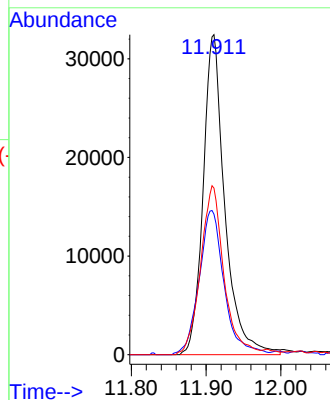
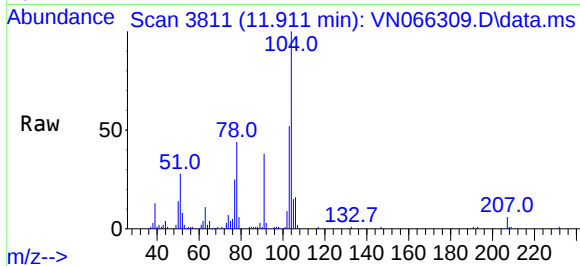
#69
Styrene
Concen: 4.66 ug/l
RT: 11.911 min Scan# 3811
Delta R.T. 0.003 min
Lab File: VN066309.D
Acq: 24 Mar 2021 14:06

Tgt Ion:104 Resp: 65621
Ion Ratio Lower Upper
104 100
78 51.9 41.0 61.6
103 56.4 43.7 65.5

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

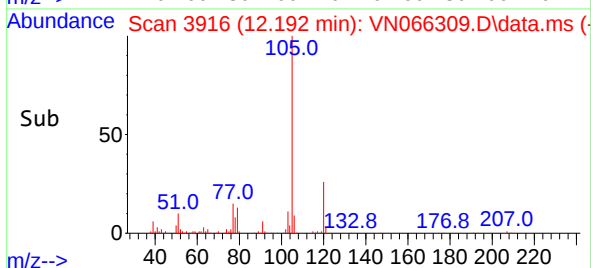
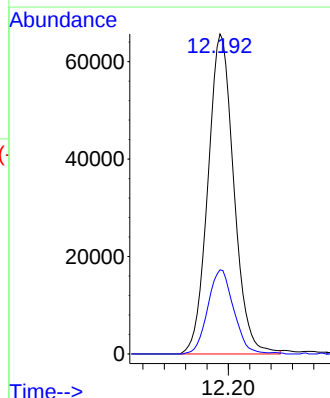
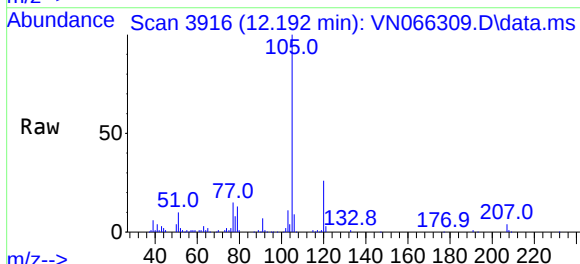
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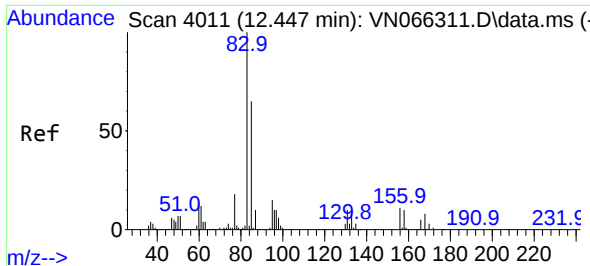
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#70
Isopropylbenzene
Concen: 4.92 ug/l
RT: 12.192 min Scan# 3916
Delta R.T. 0.000 min
Lab File: VN066309.D
Acq: 24 Mar 2021 14:06

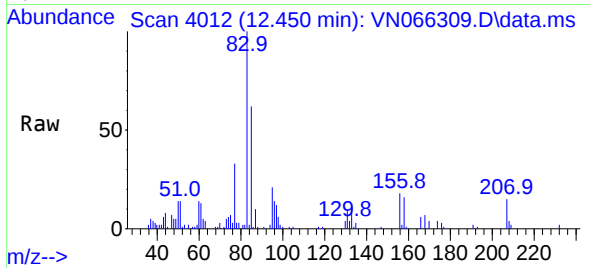
Tgt Ion:105 Resp: 110504
Ion Ratio Lower Upper
105 100
120 26.2 18.7 34.7





#71
1,1,2,2-Tetrachloroethane
Concen: 5.60 ug/l
RT: 12.450 min Scan# 4012
Delta R.T. 0.003 min
Lab File: VN066309.D
Acq: 24 Mar 2021 14:06

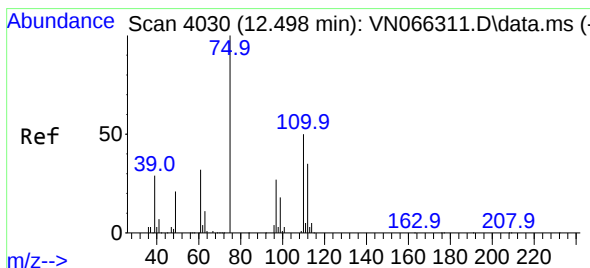
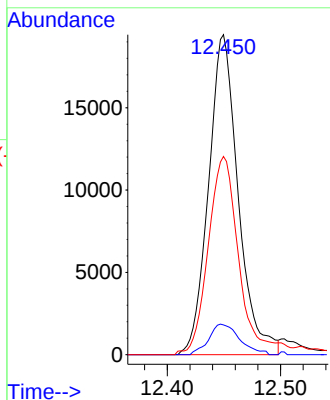
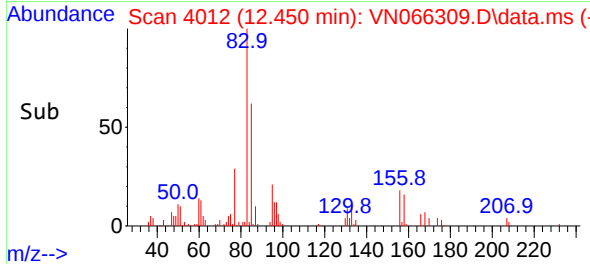
Instrument :
MSVOA_N
ClientSampled :
VSTDIC005



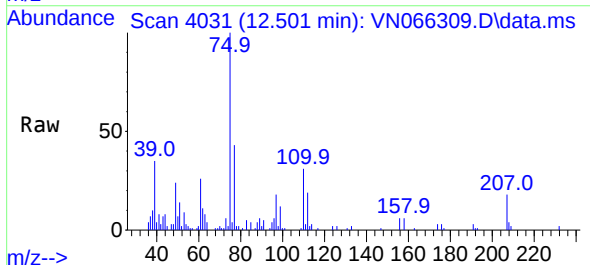
Tgt Ion: 83 Resp: 35331
Ion Ratio Lower Upper
83 100
131 9.8 4.9 14.6
85 60.6 31.4 94.2

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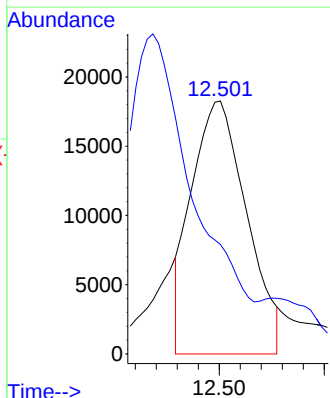
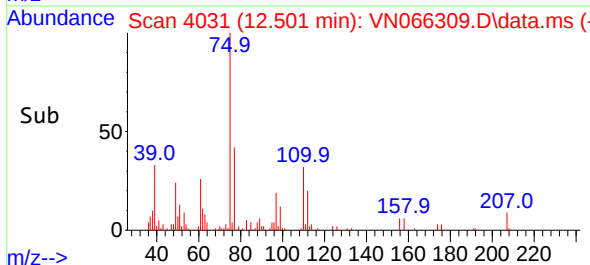
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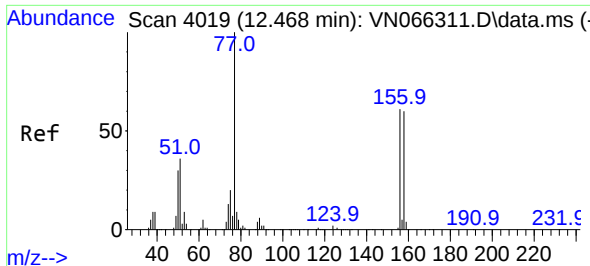


#72
1,2,3-Trichloropropane
Concen: 5.30 ug/l m
RT: 12.501 min Scan# 4031
Delta R.T. 0.003 min
Lab File: VN066309.D
Acq: 24 Mar 2021 14:06

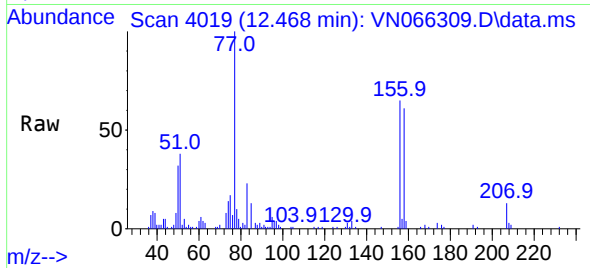


Tgt Ion: 75 Resp: 33355
Ion Ratio Lower Upper
75 100
77 158.3 0.0 313.6

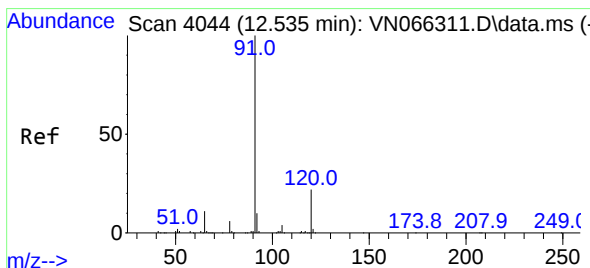
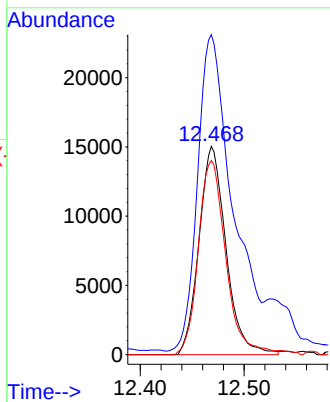
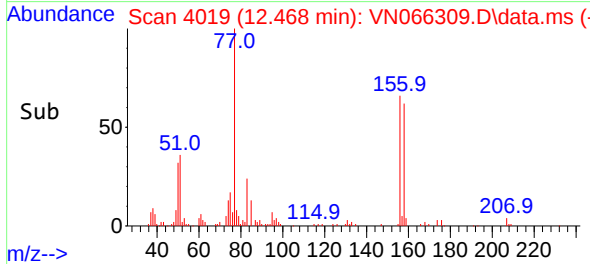




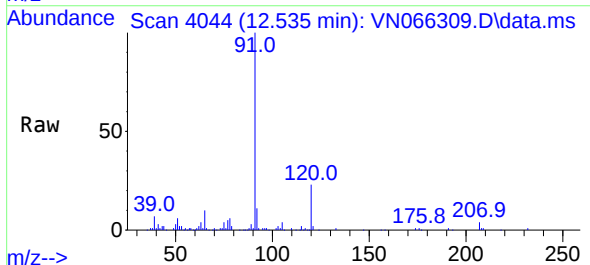
#73
Bromobenzene
Concen: 4.99 ug/l
RT: 12.468 min Scan# 4019
Delta R.T. 0.000 min
Lab File: VN066309.D
Acq: 24 Mar 2021 14:06



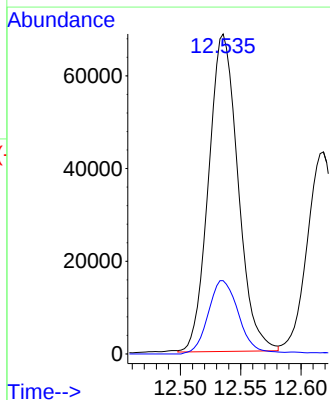
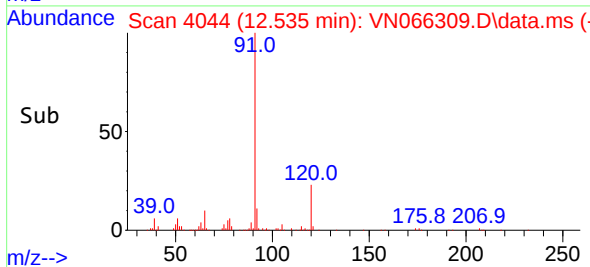
Tgt Ion: 156 Resp: 27194
Ion Ratio Lower Upper
156 100
77 194.2 0.0 399.6
158 94.5 0.0 192.8



#74
n-propylbenzene
Concen: 4.68 ug/l
RT: 12.535 min Scan# 4044
Delta R.T. 0.000 min
Lab File: VN066309.D
Acq: 24 Mar 2021 14:06



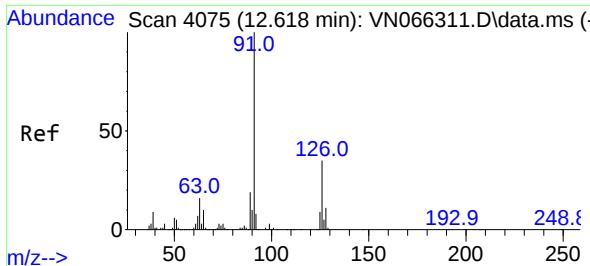
Tgt Ion: 91 Resp: 116409
Ion Ratio Lower Upper
91 100
120 23.9 0.0 45.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

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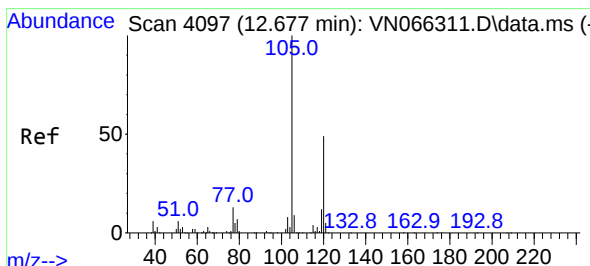
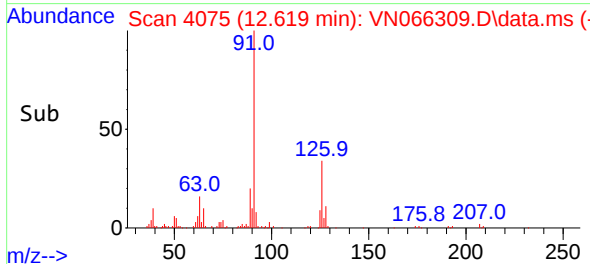
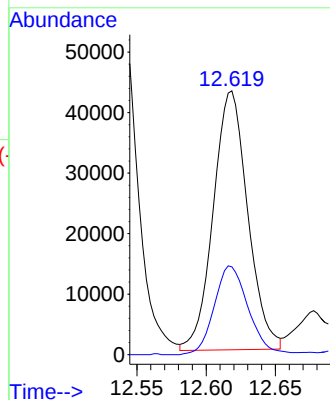
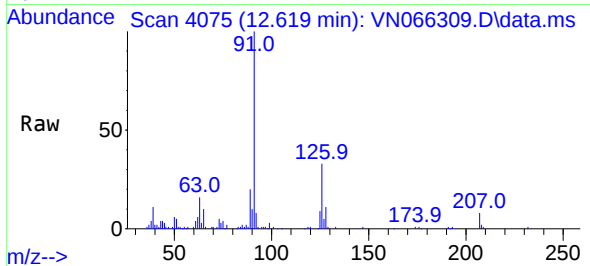
#75
2-Chlorotoluene
Concen: 4.71 ug/l
RT: 12.619 min Scan# 4075
Delta R.T. 0.000 min
Lab File: VN066309.D
Acq: 24 Mar 2021 14:06

Tgt Ion: 91 Resp: 74089
Ion Ratio Lower Upper
91 100
126 33.9 0.0 68.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

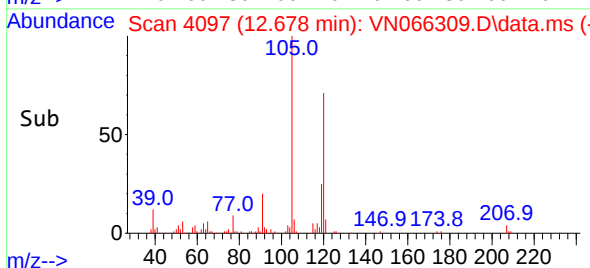
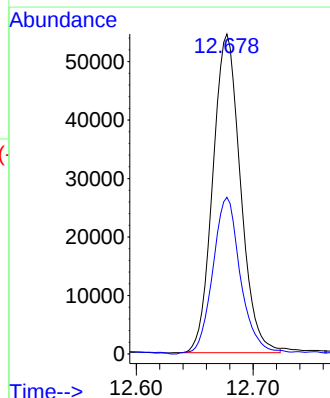
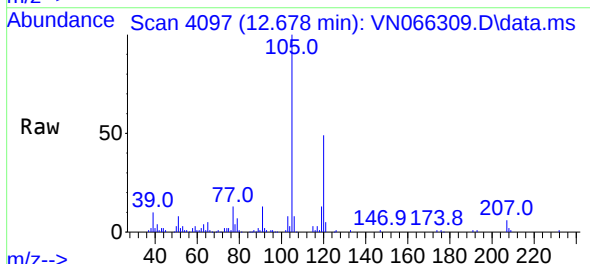
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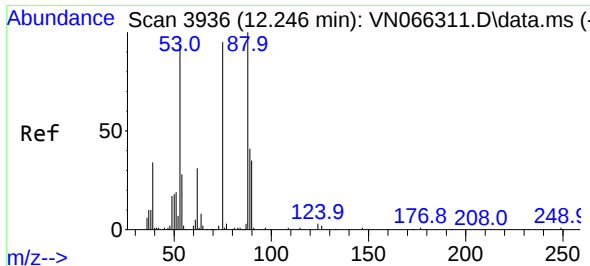
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#76
1,3,5-Trimethylbenzene
Concen: 4.51 ug/l
RT: 12.678 min Scan# 4097
Delta R.T. 0.000 min
Lab File: VN066309.D
Acq: 24 Mar 2021 14:06

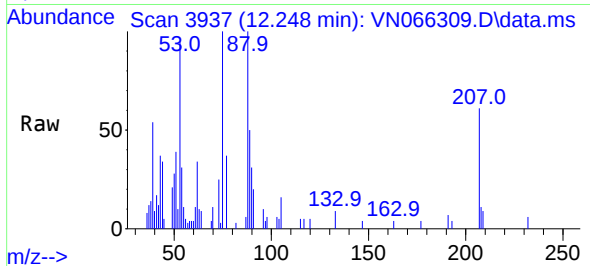
Tgt Ion: 105 Resp: 89587
Ion Ratio Lower Upper
105 100
120 49.4 0.0 98.2





#77
t-1,4-Dichloro-2-butene
Concen: 3.94 ug/l
RT: 12.248 min Scan# 3937
Delta R.T. 0.003 min
Lab File: VN066309.D
Acq: 24 Mar 2021 14:06

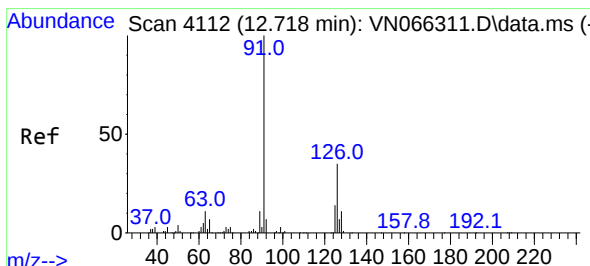
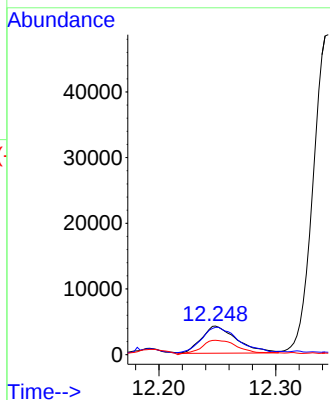
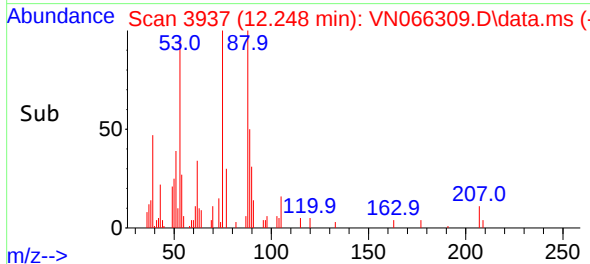
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



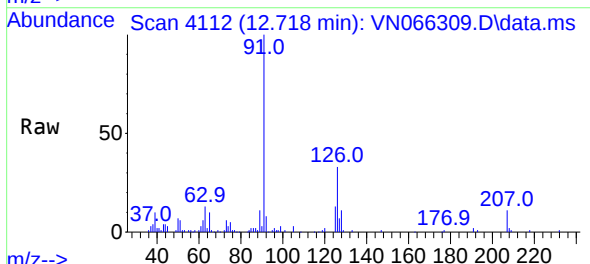
Tgt Ion: 75 Resp: 8729
Ion Ratio Lower Upper
75 100
53 94.1 49.6 149.0
89 53.5 22.9 68.7

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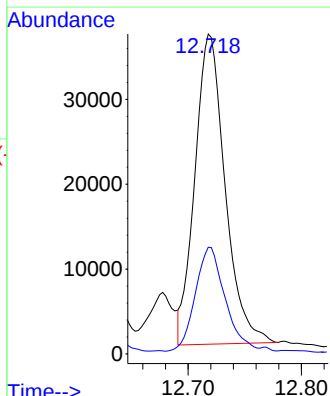
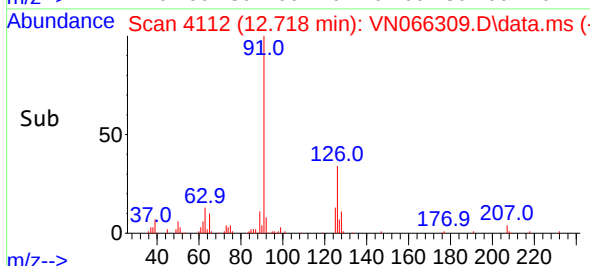
MMDadoda
3/30/2021 10:40:58 AM

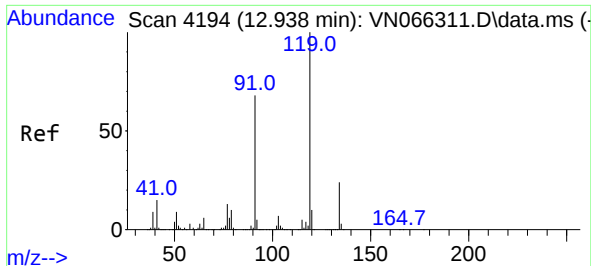


#78
4-Chlorotoluene
Concen: 4.24 ug/l
RT: 12.718 min Scan# 4112
Delta R.T. 0.000 min
Lab File: VN066309.D
Acq: 24 Mar 2021 14:06



Tgt Ion: 91 Resp: 67621
Ion Ratio Lower Upper
91 100
126 33.0 0.0 65.4





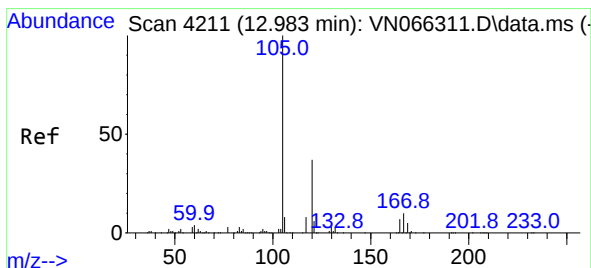
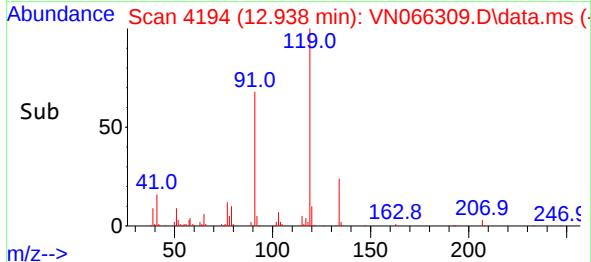
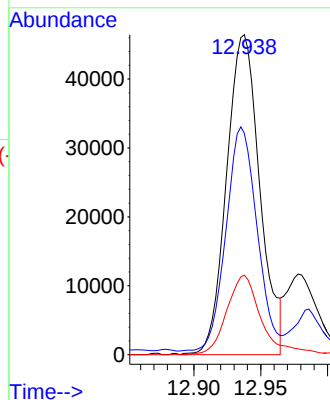
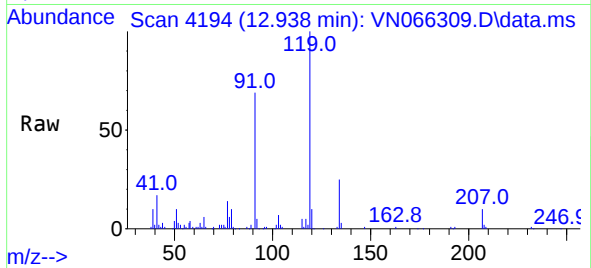
#79
tert-butylbenzene
Concen: 4.86 ug/l
RT: 12.938 min Scan# 4194
Delta R.T. 0.000 min
Lab File: VN066309.D
Acq: 24 Mar 2021 14:06

Tgt Ion:119 Resp: 80514
Ion Ratio Lower Upper
119 100
91 65.2 0.0 133.4
134 25.9 0.0 51.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

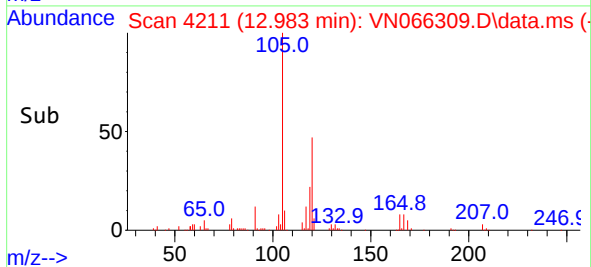
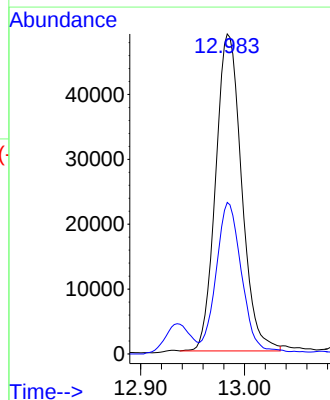
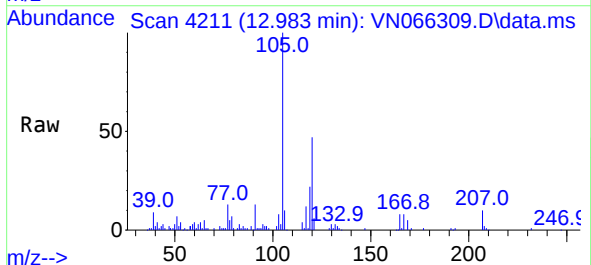
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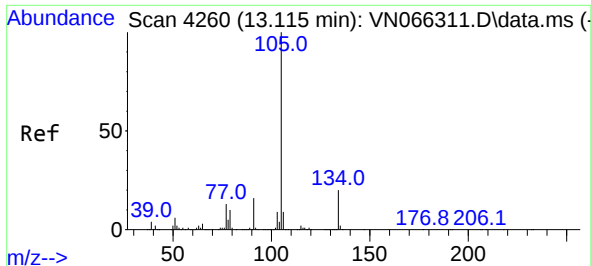
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#80
1,2,4-Trimethylbenzene
Concen: 4.36 ug/l
RT: 12.983 min Scan# 4211
Delta R.T. 0.000 min
Lab File: VN066309.D
Acq: 24 Mar 2021 14:06

Tgt Ion:105 Resp: 84836
Ion Ratio Lower Upper
105 100
120 46.5 0.0 90.6





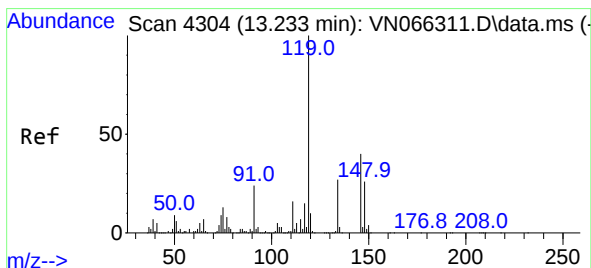
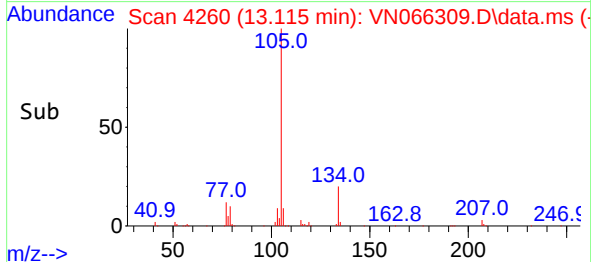
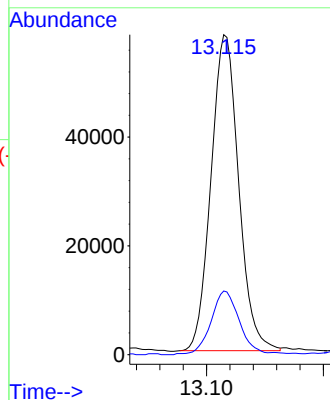
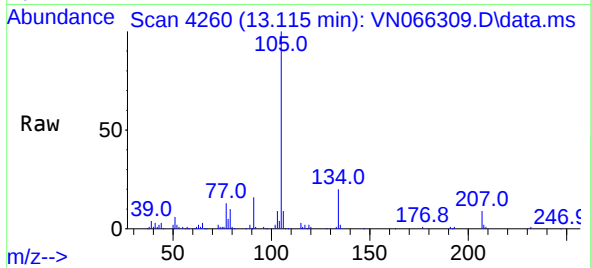
#81
sec-Butylbenzene
Concen: 4.57 ug/l
RT: 13.115 min Scan# 4260
Delta R.T. 0.000 min
Lab File: VN066309.D
Acq: 24 Mar 2021 14:06

Tgt Ion:105 Resp: 95609
Ion Ratio Lower Upper
105 100
134 19.9 0.0 40.0

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

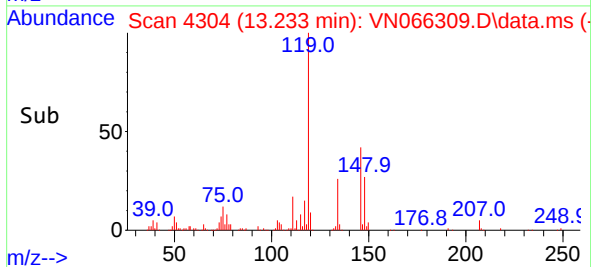
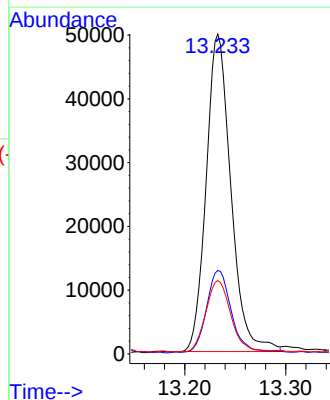
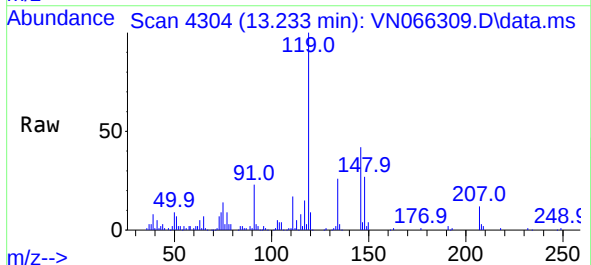
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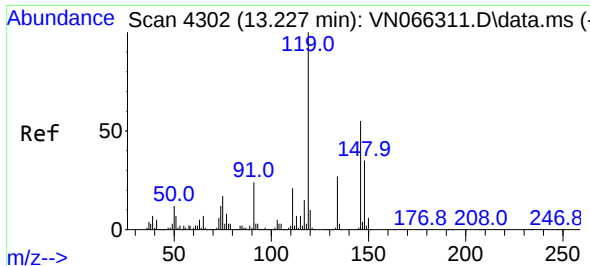
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#82
p-Isopropyltoluene
Concen: 4.33 ug/l
RT: 13.233 min Scan# 4304
Delta R.T. 0.000 min
Lab File: VN066309.D
Acq: 24 Mar 2021 14:06

Tgt Ion:119 Resp: 84784
Ion Ratio Lower Upper
119 100
134 25.4 0.0 53.4
91 22.3 0.0 47.6





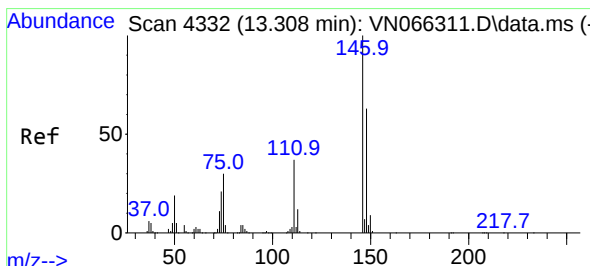
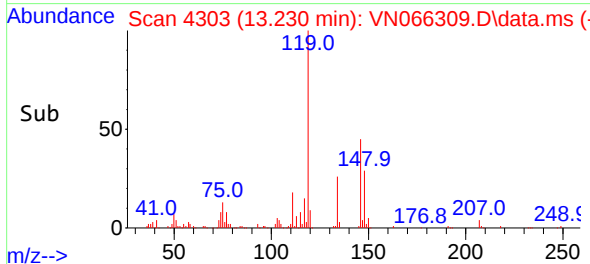
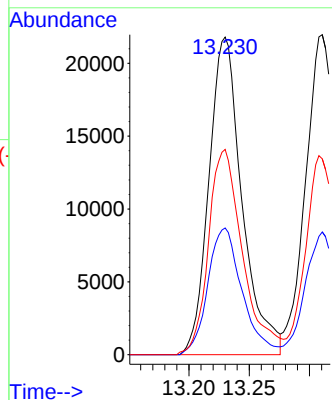
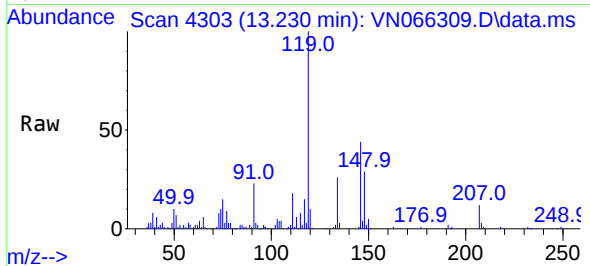
#83
1,3-Dichlorobenzene
Concen: 4.46 ug/l
RT: 13.230 min Scan# 4303
Delta R.T. 0.003 min
Lab File: VN066309.D
Acq: 24 Mar 2021 14:06

Tgt Ion:146 Resp: 41655
Ion Ratio Lower Upper
146 100
111 41.4 19.3 57.9
148 66.9 31.9 95.9

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

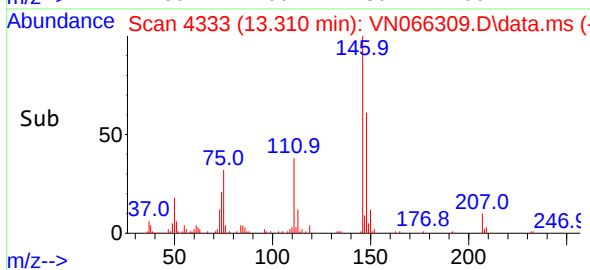
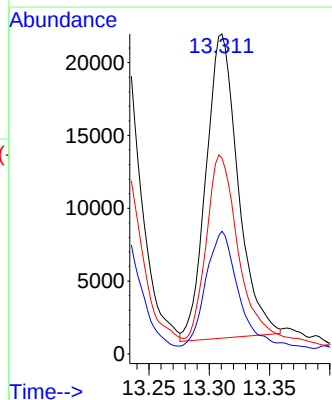
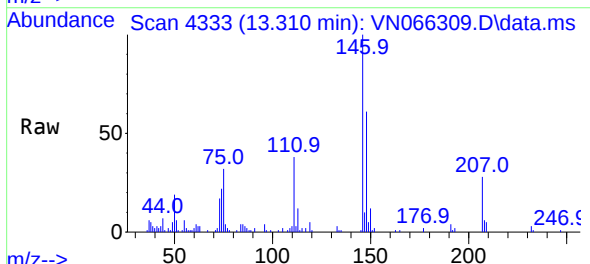
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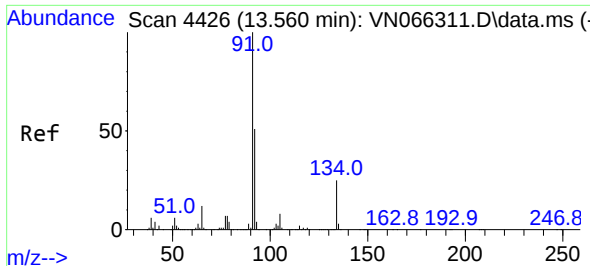
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#84
1,4-Dichlorobenzene
Concen: 4.25 ug/l
RT: 13.310 min Scan# 4333
Delta R.T. 0.003 min
Lab File: VN066309.D
Acq: 24 Mar 2021 14:06

Tgt Ion:146 Resp: 38646
Ion Ratio Lower Upper
146 100
111 38.2 18.4 55.0
148 72.4 31.9 95.5





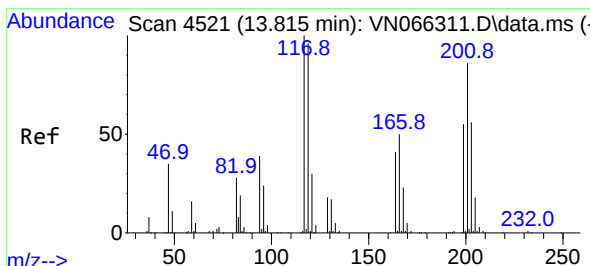
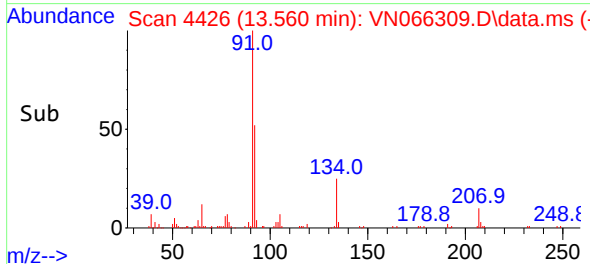
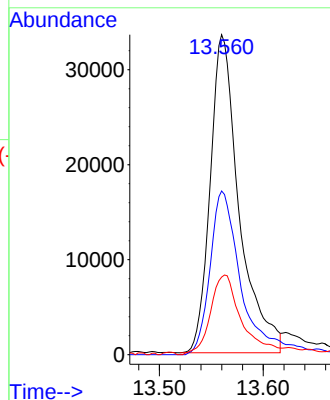
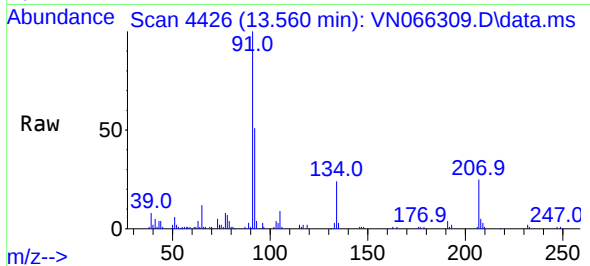
#85
n-Butylbenzene
Concen: 4.15 ug/l
RT: 13.560 min Scan# 4426
Delta R.T. 0.000 min
Lab File: VN066309.D
Acq: 24 Mar 2021 14:06

Tgt Ion: 91 Resp: 64921
Ion Ratio Lower Upper
91 100
92 54.1 0.0 102.6
134 27.0 0.0 49.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

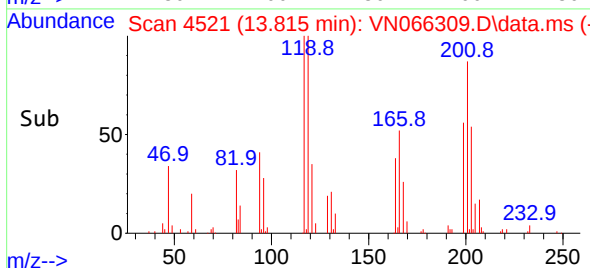
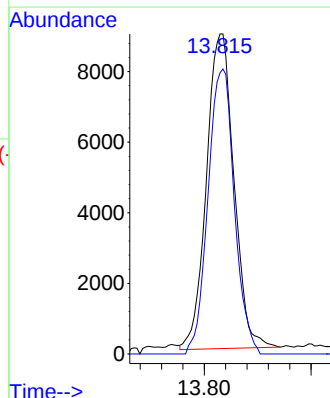
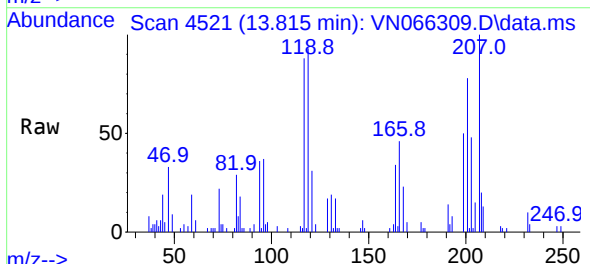
Manual Integrations
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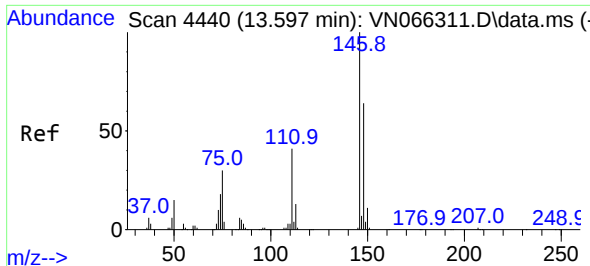
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#86
Hexachloroethane
Concen: 4.99 ug/l
RT: 13.815 min Scan# 4521
Delta R.T. 0.000 min
Lab File: VN066309.D
Acq: 24 Mar 2021 14:06

Tgt Ion: 117 Resp: 15930
Ion Ratio Lower Upper
117 100
201 86.6 43.3 129.8





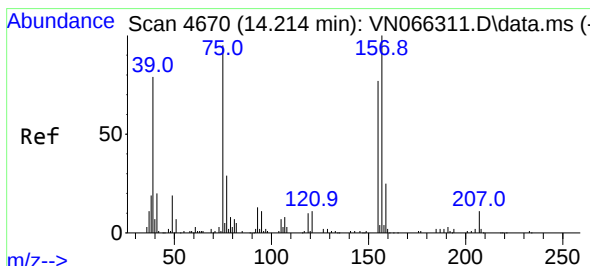
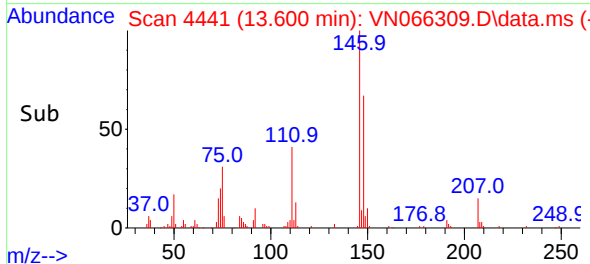
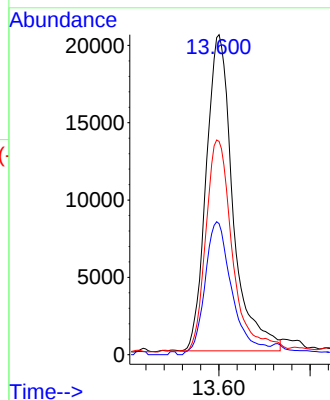
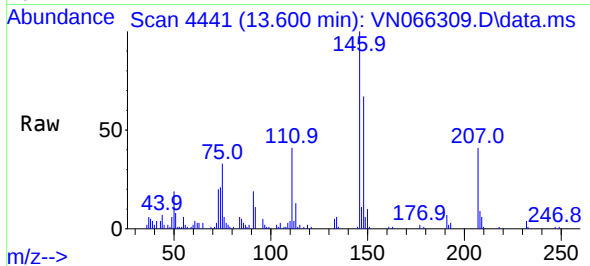
#87
1,2-Dichlorobenzene
Concen: 4.54 ug/l
RT: 13.600 min Scan# 4441
Delta R.T. 0.003 min
Lab File: VN066309.D
Acq: 24 Mar 2021 14:06

Tgt Ion:146 Resp: 41850
Ion Ratio Lower Upper
146 100
111 42.6 20.3 60.9
148 64.4 32.0 96.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

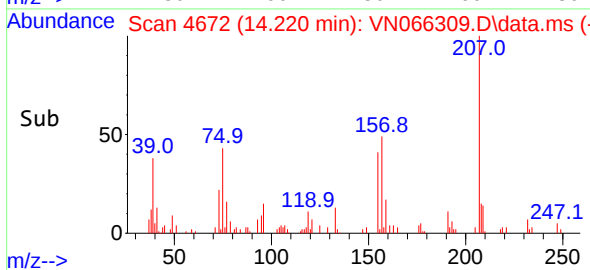
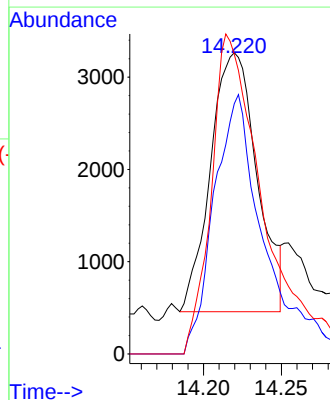
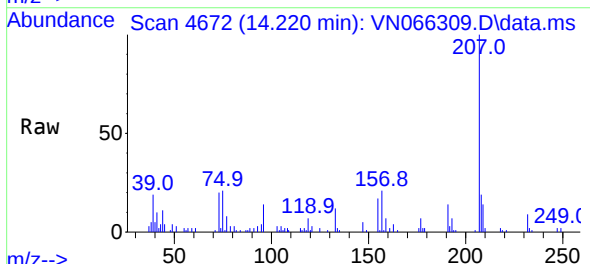
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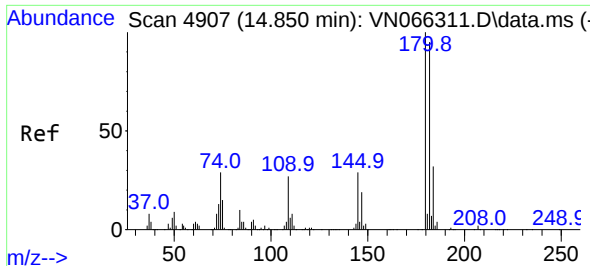
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#88
1,2-Dibromo-3-Chloropropane
Concen: 3.95 ug/l
RT: 14.220 min Scan# 4672
Delta R.T. 0.005 min
Lab File: VN066309.D
Acq: 24 Mar 2021 14:06

Tgt Ion: 75 Resp: 5831
Ion Ratio Lower Upper
75 100
155 96.8 68.3 102.5
157 132.4 87.8 131.6#





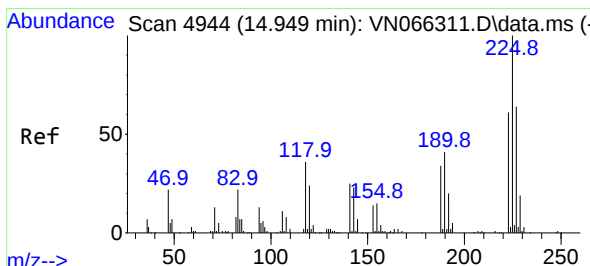
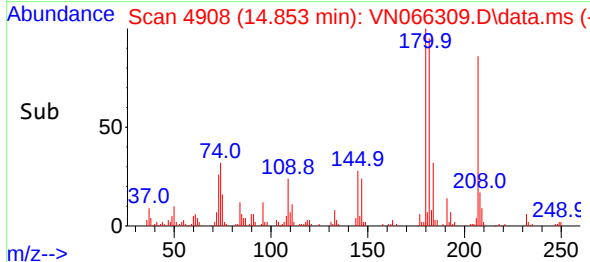
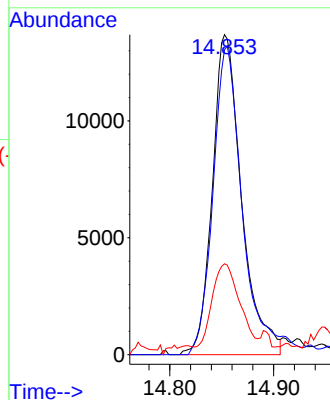
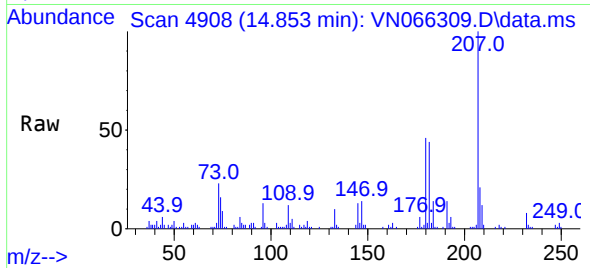
#89
1,2,4-Trichlorobenzene
Concen: 5.11 ug/l
RT: 14.853 min Scan# 4908
Delta R.T. 0.003 min
Lab File: VN066309.D
Acq: 24 Mar 2021 14:06

Tgt Ion:180 Resp: 26707
Ion Ratio Lower Upper
180 100
182 95.6 74.3 111.5
145 25.4 23.4 35.0

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

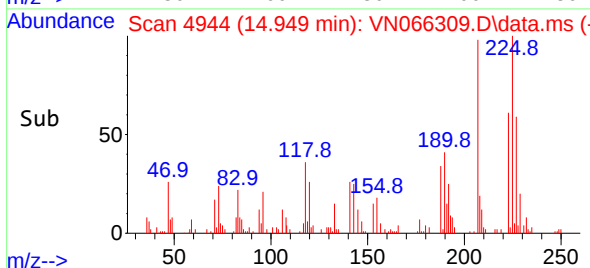
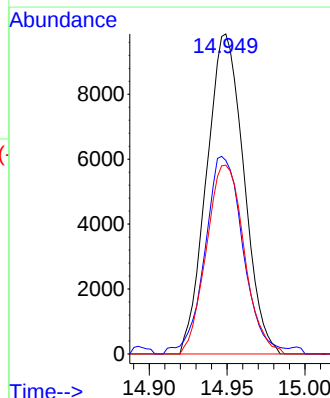
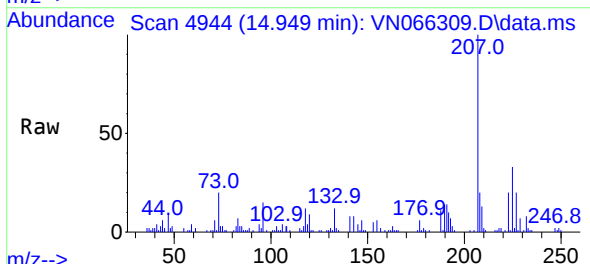
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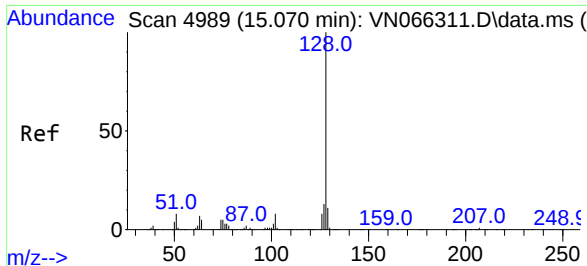
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#90
Hexachlorobutadiene
Concen: 6.83 ug/l
RT: 14.949 min Scan# 4944
Delta R.T. 0.000 min
Lab File: VN066309.D
Acq: 24 Mar 2021 14:06

Tgt Ion:225 Resp: 16409
Ion Ratio Lower Upper
225 100
223 62.7 0.0 124.6
227 59.9 0.0 126.6





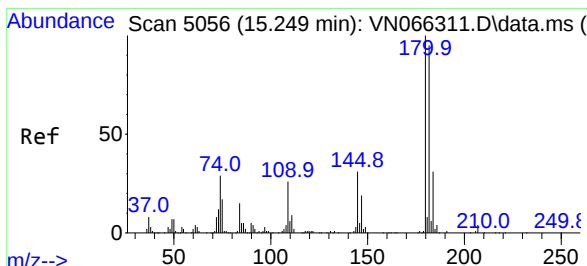
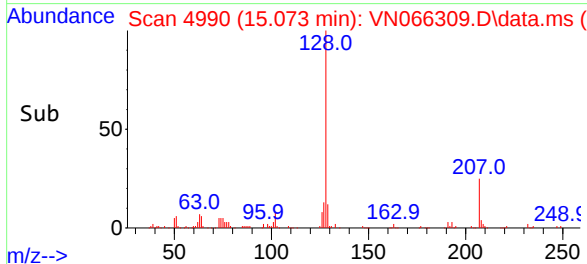
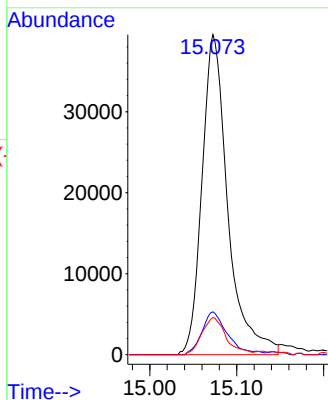
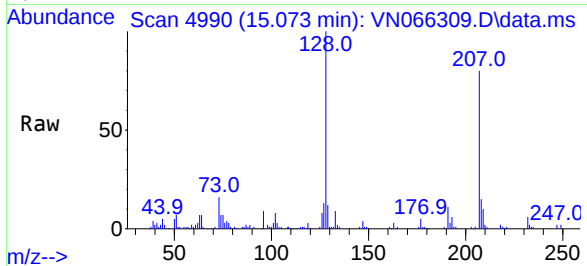
#91
Naphthalene
Concen: 5.30 ug/l
RT: 15.073 min Scan# 4990
Delta R.T. 0.003 min
Lab File: VN066309.D
Acq: 24 Mar 2021 14:06

Tgt Ion:128 Resp: 81548
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 11.0 8.6 13.0

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

Manual Integrations
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#92
1,2,3-Trichlorobenzene
Concen: 5.02 ug/l
RT: 15.250 min Scan# 5056
Delta R.T. 0.000 min
Lab File: VN066309.D
Acq: 24 Mar 2021 14:06

Tgt Ion:180 Resp: 26357
Ion Ratio Lower Upper
180 100
182 96.3 0.0 190.0
145 30.9 0.0 60.8

