

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033021\
 Data File : VN066419.D
 Acq On : 30 Mar 2021 13:43
 Operator : JC/MD
 Sample : VN0330WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0330WBS01

Manual Integrations
 APPROVED

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 3/31/2021 1:35:30 PM

Quant Time: Mar 31 02:53:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032421W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 25 05:52:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.102	128	71752	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.513	114	413744	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.347	117	381459	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.944	65	173242	31.41	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	104.70%	
60) 4-Bromofluorobenzene	12.345	95	178574	30.00	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	100.00%	
63) Toluene-d8	10.025	98	524523	29.30	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	97.67%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.818	85	81808	20.39	ug/l	96
3) Chloromethane	2.014	50	113216	22.44	ug/l	98
4) Vinyl Chloride	2.146	62	117689	22.19	ug/l	98
5) Bromomethane	2.518	94	86784	23.13	ug/l	97
6) Chloroethane	2.652	64	77628	22.86	ug/l	96
7) Trichlorofluoromethane	2.961	101	159008	20.79	ug/l	95
8) Diethyl Ether	3.339	74	51689	20.01	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.685	101	78430	20.95	ug/l	99
10) 1,1-Dichloroethene	3.661	96	73419	19.81	ug/l	98
11) Methyl Iodide	3.870	142	95623	17.94	ug/l	97
12) Methyl Acetate	4.229	43	129254	22.47	ug/l	100
13) Acrolein	3.532	56	33486	95.68	ug/l	96
14) Acrylonitrile	4.873	53	247642	104.38	ug/l	99
15) Acetone	3.731	58	80764	116.91	ug/l	97
16) Carbon Disulfide	3.969	76	203587	19.84	ug/l	100
17) Allyl chloride	4.235	41	123638	18.47	ug/l	97
18) Methylene Chloride	4.455	84	91521	20.67	ug/l	94
19) trans-1,2-Dichloroethene	4.937	96	83257	20.43	ug/l	97
20) Diisopropyl ether	5.849	45	302106	20.56	ug/l	98
21) 1,1-Dichloroethane	5.745	63	165865	20.85	ug/l	100
22) cis-1,2-Dichloroethene	6.729	96	99560	20.41	ug/l	99
23) tert-Butyl Alcohol	4.675	59	94545m	97.07	ug/l	
24) Methyl tert-Butyl Ether	4.935	73	279711	19.79	ug/l #	80
25) Chloroform	7.284	83	167605	20.86	ug/l	95
26) Cyclohexane	7.571	56	137940	19.56	ug/l #	98
29) 1,1-Dichloropropene	7.708	75	119047	19.24	ug/l	98
30) 2-Butanone	6.732	43	366100	100.95	ug/l	99
31) 2,2-Dichloropropane	6.724	77	144640	18.87	ug/l	98
32) 1,1,1-Trichloroethane	7.483	97	142419	18.99	ug/l	99
33) Carbon Tetrachloride	7.692	117	118178	18.66	ug/l	94
34) Benzene	7.960	78	373914	19.83	ug/l	98
35) Methacrylonitrile	7.072	41	58472	19.06	ug/l	95
36) 1,2-Dichloroethane	8.043	62	131148	18.98	ug/l	99
37) Trichloroethene	8.765	130	93976	19.11	ug/l	100
38) Methylcyclohexane	9.011	83	141200	18.44	ug/l	99
39) 1,2-Dichloropropane	9.046	63	102657	20.12	ug/l	99
40) Dibromomethane	9.137	93	65399	19.93	ug/l	97
41) Bromodichloromethane	9.336	83	131410	18.92	ug/l	99
42) Vinyl Acetate	5.790	43	1277407	93.46	ug/l	99

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 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	6.831	43	143047	20.48	ug/l #	100
44) Isopropyl Acetate	8.086	43	234147	18.77	ug/l #	100
45) 1,4-Dioxane	9.129	88	28653	360.14	ug/l	97
46) Methyl methacrylate	9.132	41	103732	17.81	ug/l	94
47) n-amyl Acetate	12.021	43	103368	18.01	ug/l	99
48) t-1,3-Dichloropropene	10.320	75	143243	18.98	ug/l	98
49) cis-1,3-Dichloropropene	9.773	75	156742	19.33	ug/l	96
50) 1,1,2-Trichloroethane	10.500	97	92574	19.71	ug/l	96
51) Ethyl methacrylate	10.368	69	136028	18.50	ug/l	97
52) 1,3-Dichloropropane	10.645	76	154930	19.79	ug/l	99
53) Dibromochloromethane	10.840	129	101319	19.20	ug/l	99
54) 1,2-Dibromoethane	10.945	107	95151	19.68	ug/l	100
55) 2-Chloroethyl vinyl ether	9.631	63	95489	87.37	ug/l	99
56) Bromoform	12.072	173	71199	18.39	ug/l #	97
58) 4-Methyl-2-Pentanone	9.918	43	740230	96.85	ug/l	99
59) 2-Hexanone	10.690	43	519477	98.78	ug/l	98
61) Tetrachloroethene	10.570	164	91387	17.40	ug/l	98
62) Toluene	10.092	91	403319	19.10	ug/l	98
64) Chlorobenzene	11.374	112	237785	19.16	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.449	131	92330	18.97	ug/l	99
66) Ethyl Benzene	11.452	91	433290	19.05	ug/l	97
67) m/p-Xylenes	11.565	106	318160	37.63	ug/l	99
68) o-Xylene	11.889	106	155537	18.64	ug/l	100
69) Styrene	11.908	104	247849	18.54	ug/l	99
70) Isopropylbenzene	12.192	105	413800	18.85	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.447	83	139293	19.81	ug/l	97
72) 1,2,3-Trichloropropane	12.498	75	134388m	19.80	ug/l	
73) Bromobenzene	12.468	156	103841	19.19	ug/l	99
74) n-propylbenzene	12.536	91	476299	19.62	ug/l	100
75) 2-Chlorotoluene	12.616	91	277868	18.91	ug/l	99
76) 1,3,5-Trimethylbenzene	12.678	105	343254	19.00	ug/l	99
77) t-1,4-Dichloro-2-butene	12.246	75	40475	18.38	ug/l	98
78) 4-Chlorotoluene	12.715	91	276226	19.16	ug/l	98
79) tert-butylbenzene	12.938	119	291963	18.59	ug/l	98
80) 1,2,4-Trimethylbenzene	12.983	105	331690	18.92	ug/l	100
81) sec-Butylbenzene	13.115	105	387251	19.31	ug/l	100
82) p-Isopropyltoluene	13.233	119	343615	19.45	ug/l	99
83) 1,3-Dichlorobenzene	13.227	146	179540	20.23	ug/l	99
84) 1,4-Dichlorobenzene	13.308	146	167794	19.42	ug/l	96
85) n-Butylbenzene	13.560	91	287124	19.93	ug/l	99
86) Hexachloroethane	13.815	117	61927	18.99	ug/l	100
87) 1,2-Dichlorobenzene	13.598	146	179881	20.49	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.214	75	27625	19.26	ug/l	97
89) 1,2,4-Trichlorobenzene	14.853	180	115717	20.65	ug/l	99
90) Hexachlorobutadiene	14.947	225	61823	20.36	ug/l	98
91) Naphthalene	15.070	128	338354	19.84	ug/l	99
92) 1,2,3-Trichlorobenzene	15.250	180	113281	20.65	ug/l	98

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

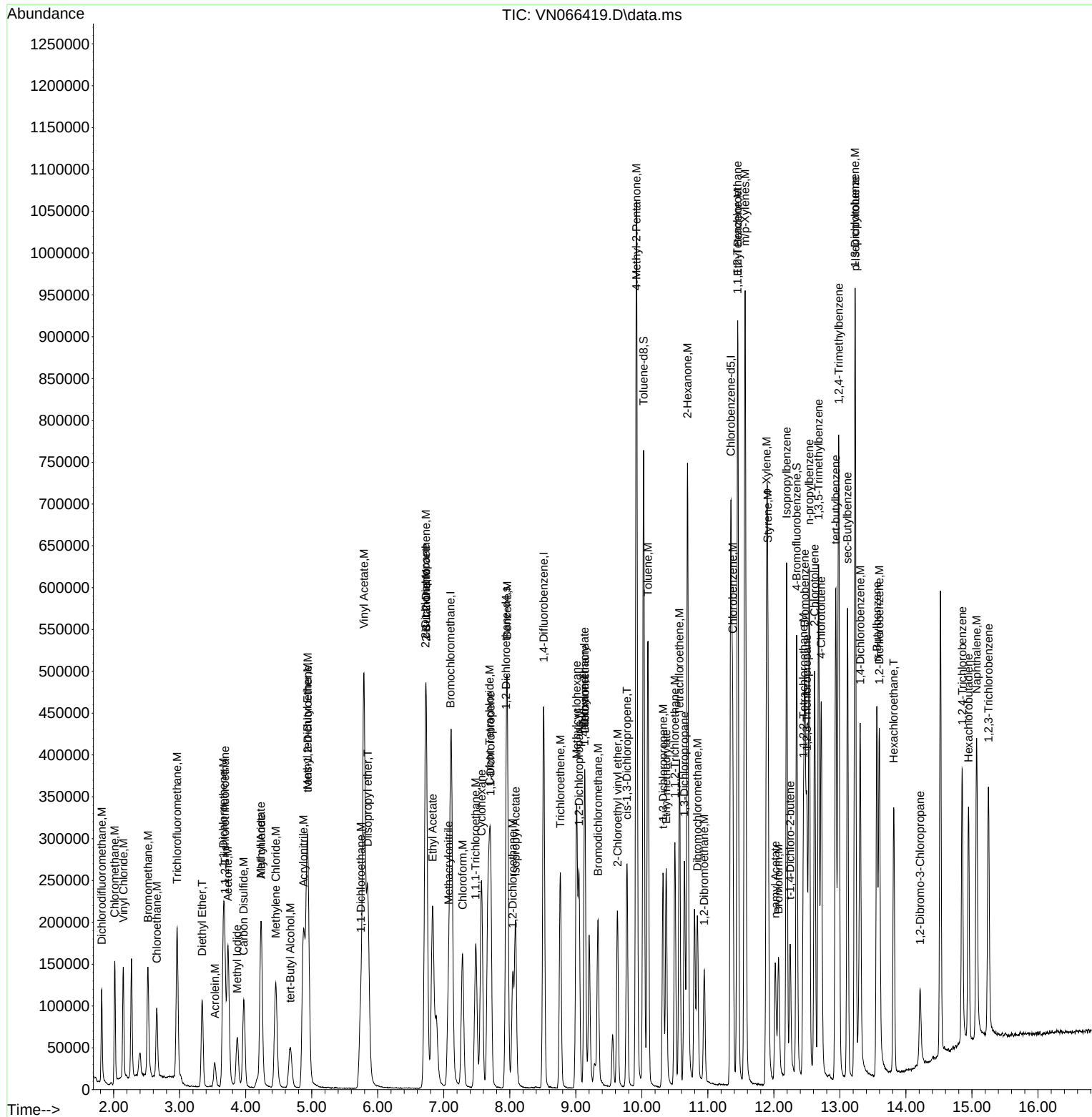
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 Data File : VN066419.D
 Acq On : 30 Mar 2021 13:43
 Operator : JC/MD
 Sample : VN0330WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

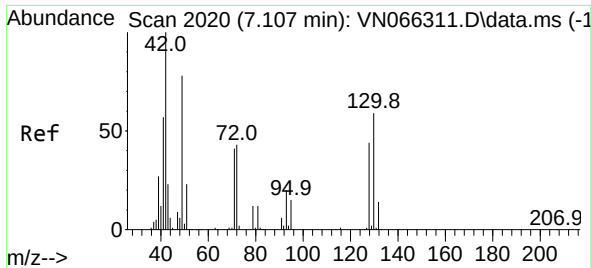
Instrument :
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 ClientSampleId :
 VN0330WBS01

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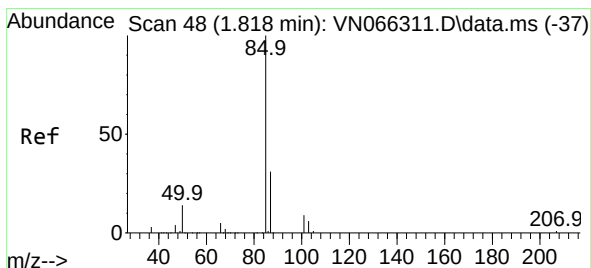
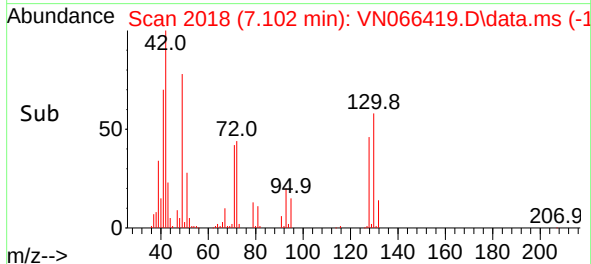
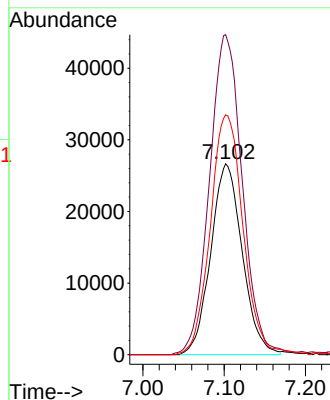
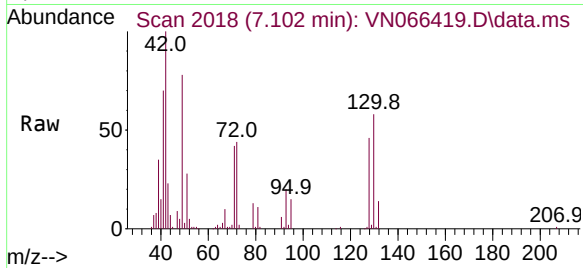
#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.102 min Scan# 2018
Delta R.T. -0.005 min
Lab File: VN066419.D
Acq: 30 Mar 2021 13:43

Tgt Ion	Ratio	Lower	Upper
128	100		
49	174.8	0.0	429.3
130	130.6	0.0	328.5

Instrument :
MSVOA_N
ClientSampleId :
VN0330WBS01

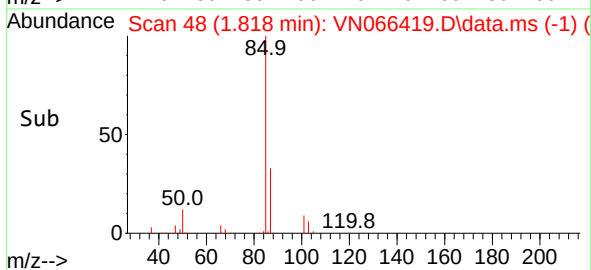
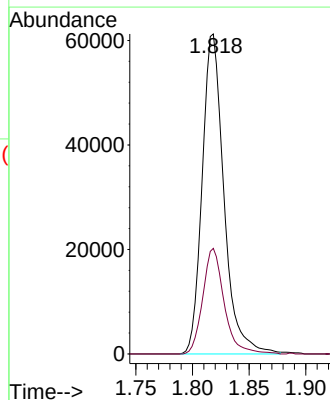
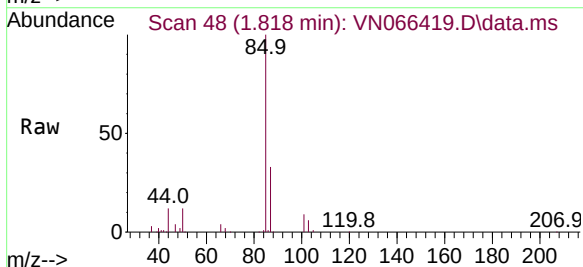
Manual Integrations
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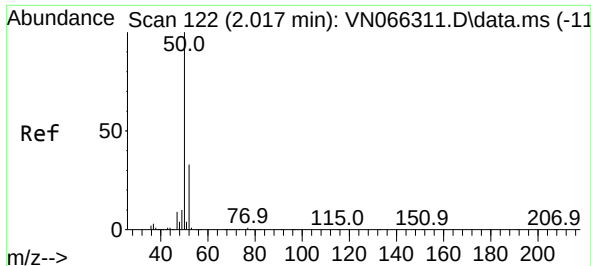
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#2
Dichlorodifluoromethane
Concen: 20.39 ug/l
RT: 1.818 min Scan# 48
Delta R.T. 0.000 min
Lab File: VN066419.D
Acq: 30 Mar 2021 13:43

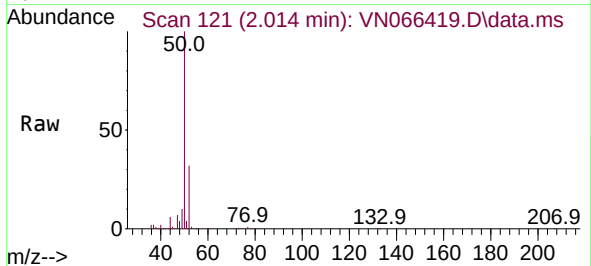
Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.0	15.4	46.4





#3
Chloromethane
Concen: 22.44 ug/l
RT: 2.014 min Scan# 121
Delta R.T. -0.003 min
Lab File: VN066419.D
Acq: 30 Mar 2021 13:43

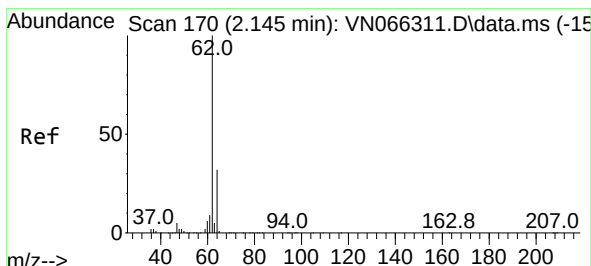
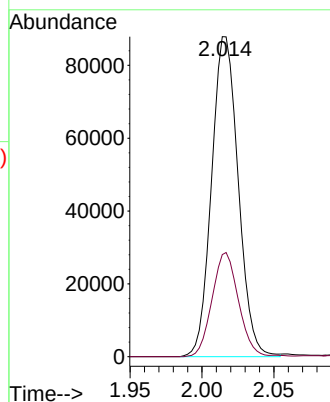
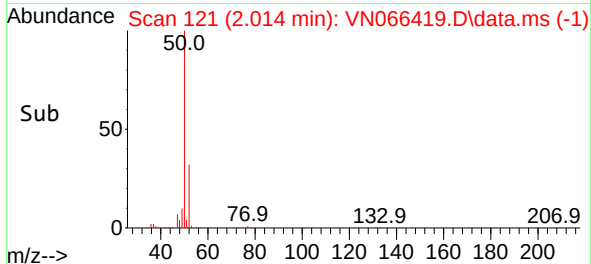
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ClientSampleId :
VN0330WBS01



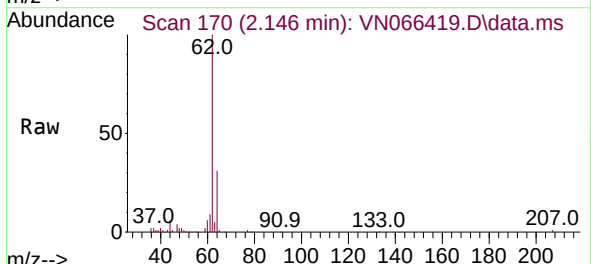
Tgt Ion: 50 Resp: 113216
Ion Ratio Lower Upper
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52 31.9 26.2 39.4

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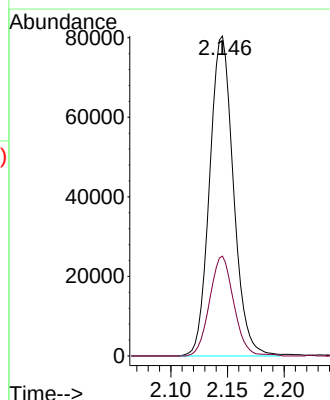
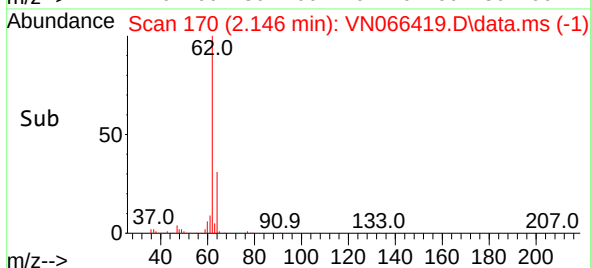
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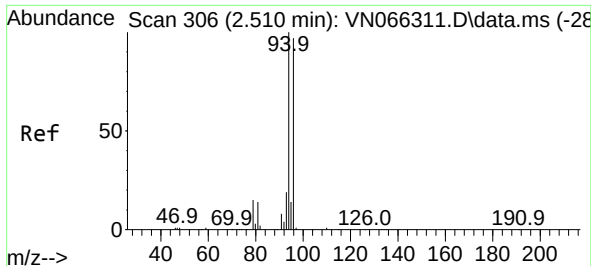


#4
Vinyl Chloride
Concen: 22.19 ug/l
RT: 2.146 min Scan# 170
Delta R.T. 0.000 min
Lab File: VN066419.D
Acq: 30 Mar 2021 13:43



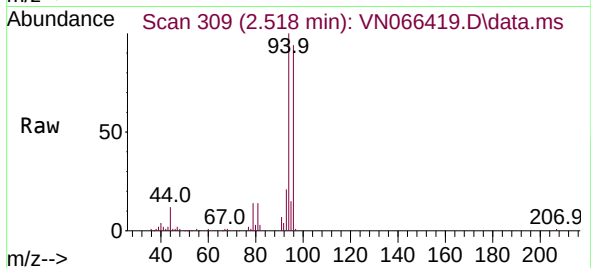
Tgt Ion: 62 Resp: 117689
Ion Ratio Lower Upper
62 100
64 31.2 25.8 38.6





#5
Bromomethane
Concen: 23.13 ug/l
RT: 2.518 min Scan# 309
Delta R.T. 0.008 min
Lab File: VN066419.D
Acq: 30 Mar 2021 13:43

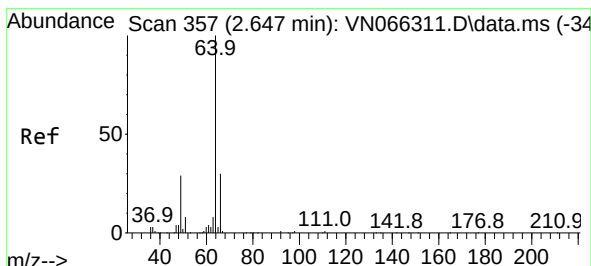
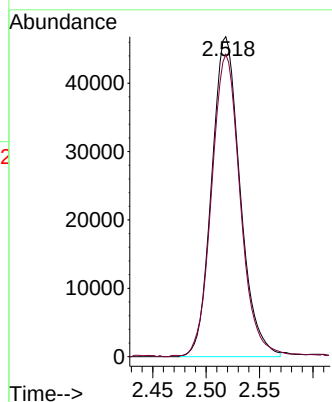
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MSVOA_N
ClientSampleId :
VN0330WBS01



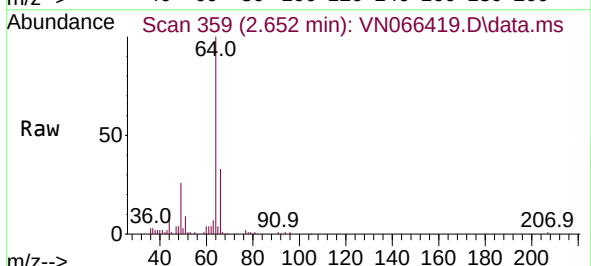
Tgt Ion: 94 Resp: 86784
Ion Ratio Lower Upper
94 100
96 94.1 77.8 116.8

Manual Integrations
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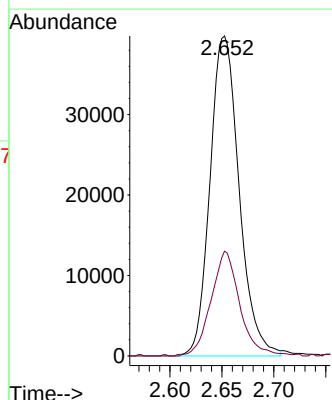
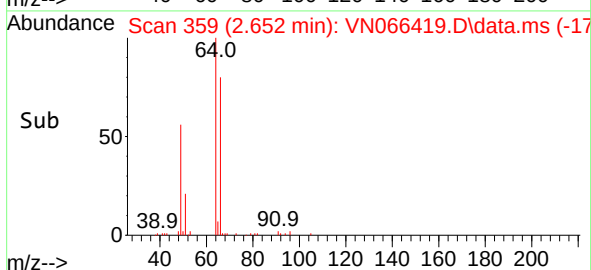
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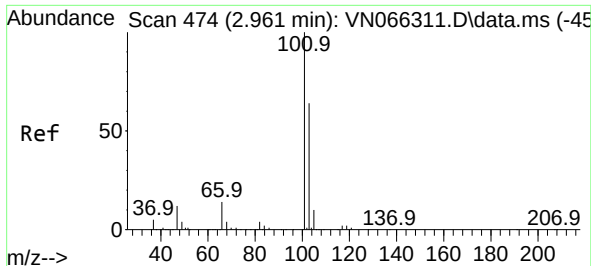


#6
Chloroethane
Concen: 22.86 ug/l
RT: 2.652 min Scan# 359
Delta R.T. 0.006 min
Lab File: VN066419.D
Acq: 30 Mar 2021 13:43

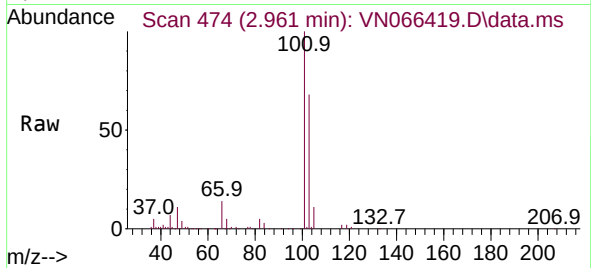


Tgt Ion: 64 Resp: 77628
Ion Ratio Lower Upper
64 100
66 32.2 24.2 36.4

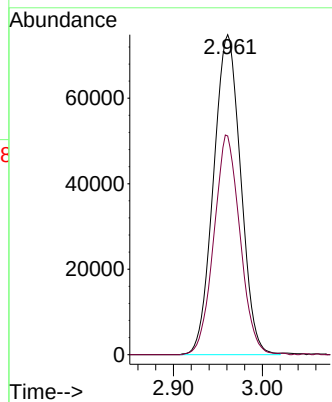
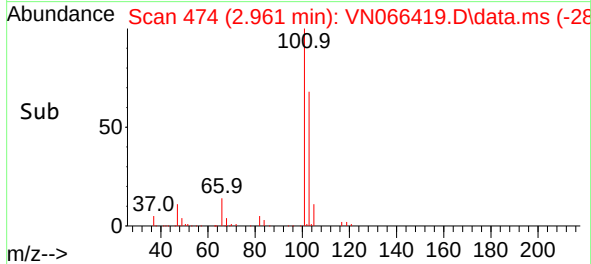




#7
 Trichlorofluoromethane
 Concen: 20.79 ug/l
 RT: 2.961 min Scan# 474
 Delta R.T. 0.000 min
 Lab File: VN066419.D
 Acq: 30 Mar 2021 13:43



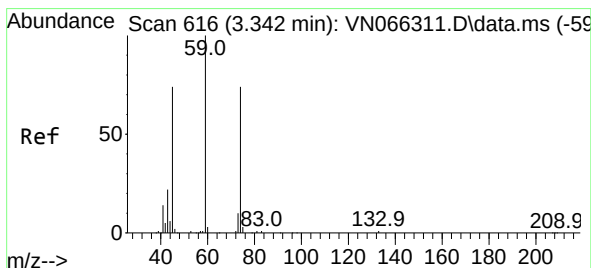
Tgt Ion:101 Resp: 159008
 Ion Ratio Lower Upper
 101 100
 103 68.3 51.6 77.4



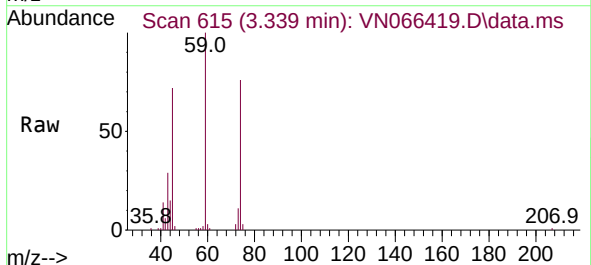
Instrument :
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 ClientSampleId :
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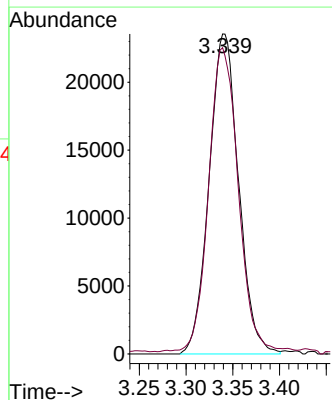
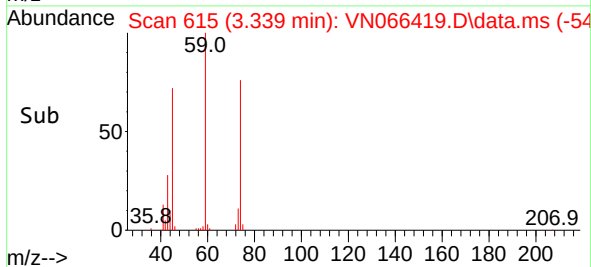
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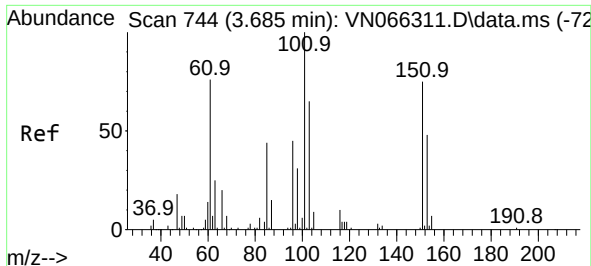


#8
 Diethyl Ether
 Concen: 20.01 ug/l
 RT: 3.339 min Scan# 615
 Delta R.T. -0.003 min
 Lab File: VN066419.D
 Acq: 30 Mar 2021 13:43



Tgt Ion: 74 Resp: 51689
 Ion Ratio Lower Upper
 74 100
 45 93.9 19.5 175.9





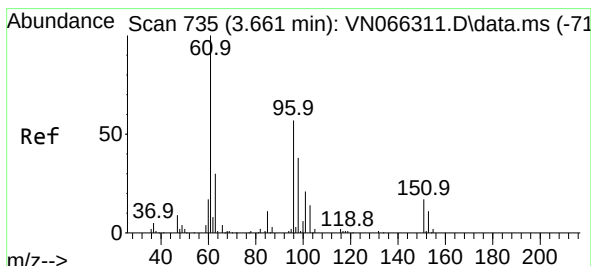
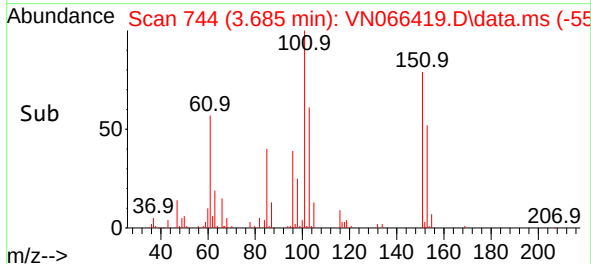
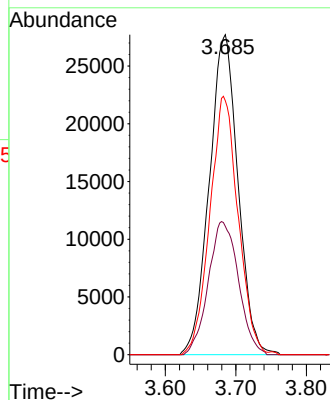
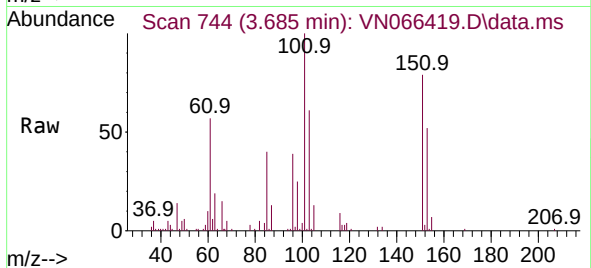
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1,1,2-Trichlorotrifluoroethane
Concen: 20.95 ug/l
RT: 3.685 min Scan# 744
Delta R.T. 0.000 min
Lab File: VN066419.D
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Tgt Ion:	101	Resp:	78430
Ion Ratio	Lower	Upper	
101	100		
85	43.6	0.0	90.6
151	79.2	0.0	159.0

Instrument :
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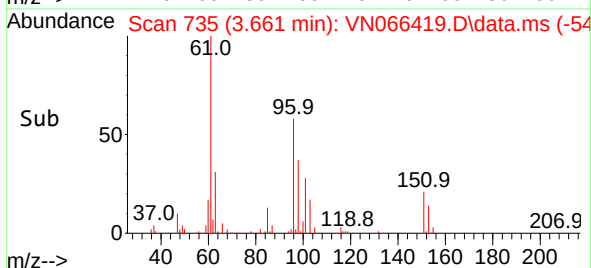
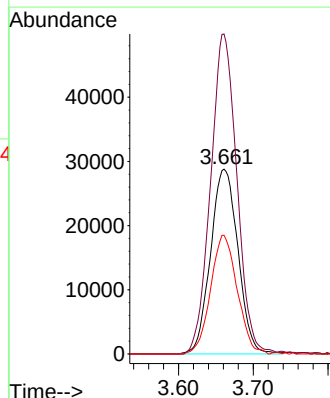
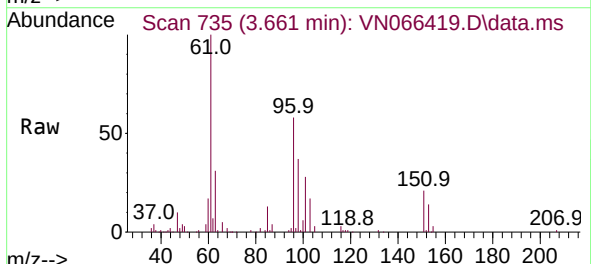
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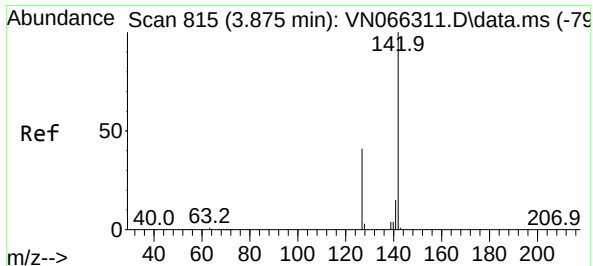
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#10
1,1-Dichloroethene
Concen: 19.81 ug/l
RT: 3.661 min Scan# 735
Delta R.T. 0.000 min
Lab File: VN066419.D
Acq: 30 Mar 2021 13:43

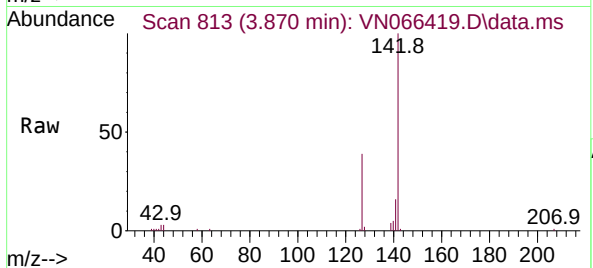
Tgt Ion:	96	Resp:	73419
Ion Ratio	Lower	Upper	
96	100		
61	173.1	139.6	209.4
98	64.3	53.7	80.5





#11
Methyl Iodide
Concen: 17.94 ug/l
RT: 3.870 min Scan# 813
Delta R.T. -0.005 min
Lab File: VN066419.D
Acq: 30 Mar 2021 13:43

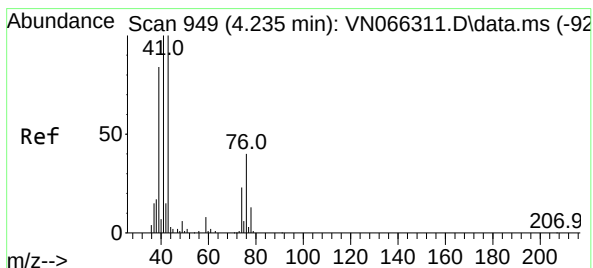
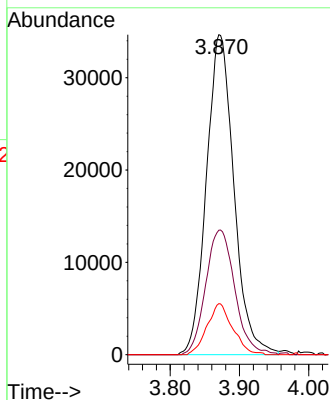
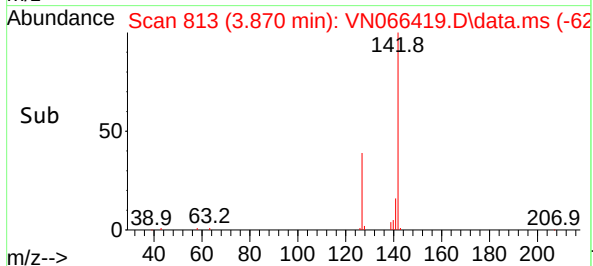
Instrument :
MSVOA_N
ClientSampleId :
VN0330WBS01



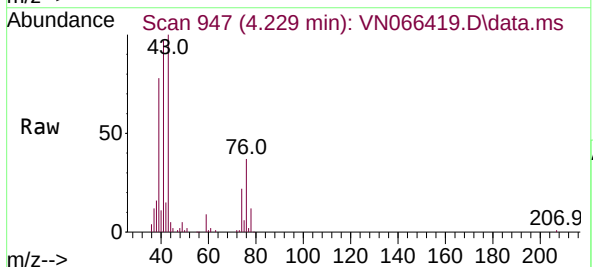
Tgt Ion:142 Resp: 95623
Ion Ratio Lower Upper
142 100
127 39.1 20.5 61.6
141 16.0 7.4 22.3

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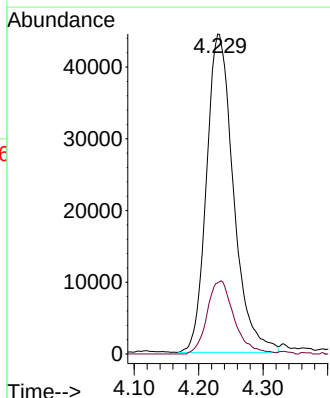
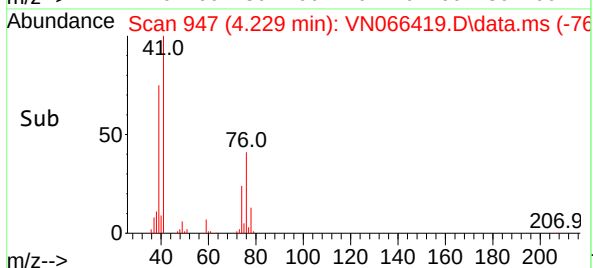
MMDadoda
3/31/2021 1:35:30 PM

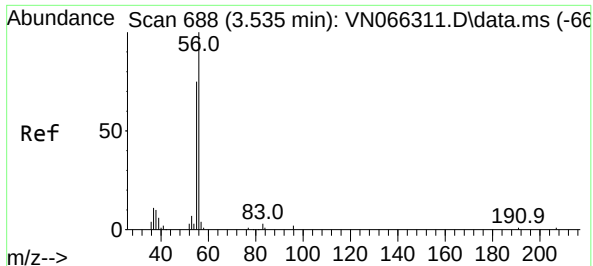


#12
Methyl Acetate
Concen: 22.47 ug/l
RT: 4.229 min Scan# 947
Delta R.T. -0.005 min
Lab File: VN066419.D
Acq: 30 Mar 2021 13:43



Tgt Ion: 43 Resp: 129254
Ion Ratio Lower Upper
43 100
74 22.3 18.0 27.0





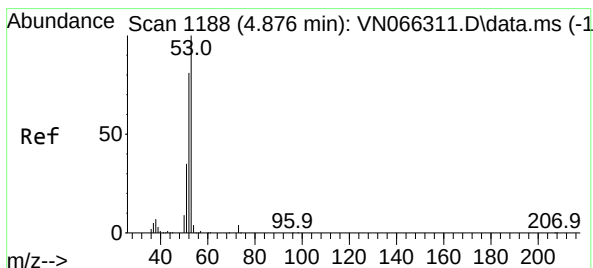
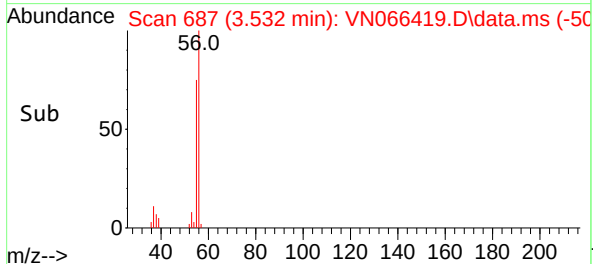
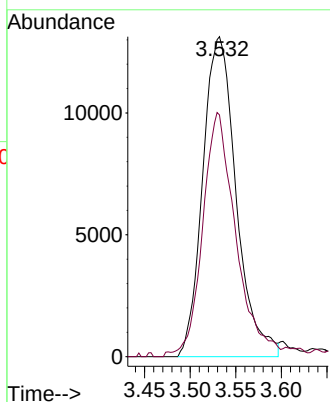
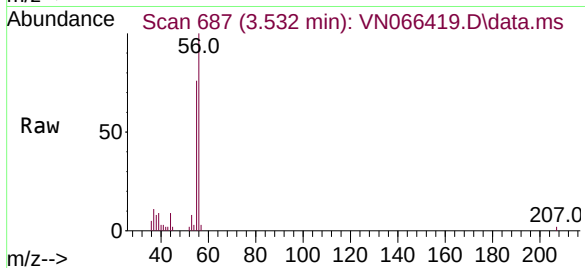
#13
Acrolein
Concen: 95.68 ug/l
RT: 3.532 min Scan# 687
Delta R.T. -0.003 min
Lab File: VN066419.D
Acq: 30 Mar 2021 13:43

Tgt Ion: 56 Resp: 33486
Ion Ratio Lower Upper
56 100
55 71.0 54.1 81.1

Instrument :
MSVOA_N
ClientSampleId :
VN0330WBS01

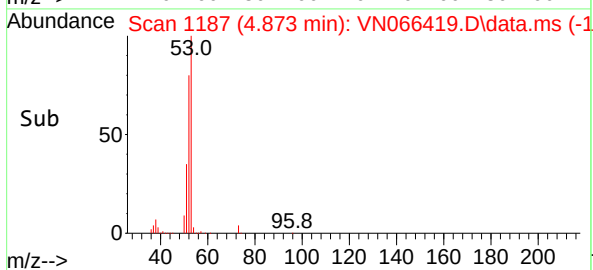
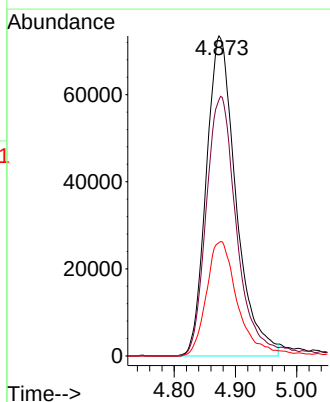
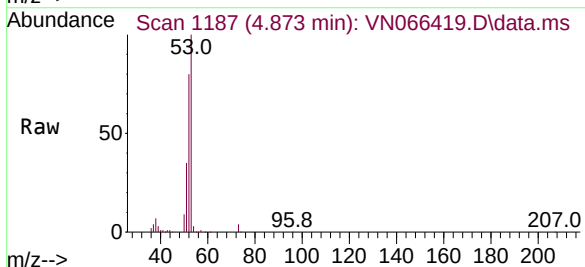
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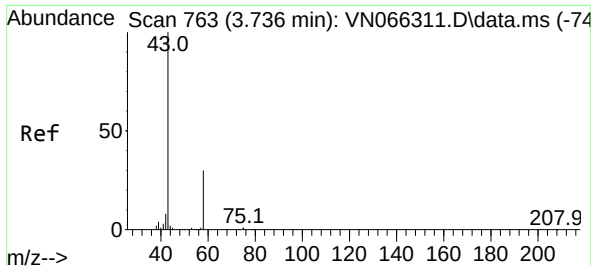
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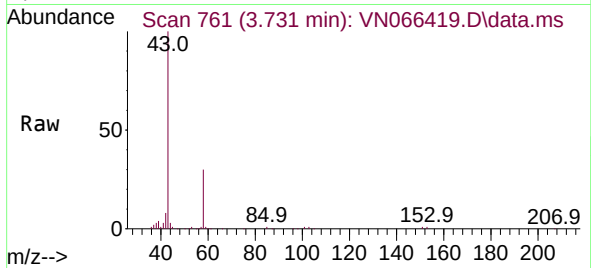
#14
Acrylonitrile
Concen: 104.38 ug/l
RT: 4.873 min Scan# 1187
Delta R.T. -0.003 min
Lab File: VN066419.D
Acq: 30 Mar 2021 13:43

Tgt Ion: 53 Resp: 247642
Ion Ratio Lower Upper
53 100
52 82.1 41.0 123.0
51 36.9 17.8 53.4

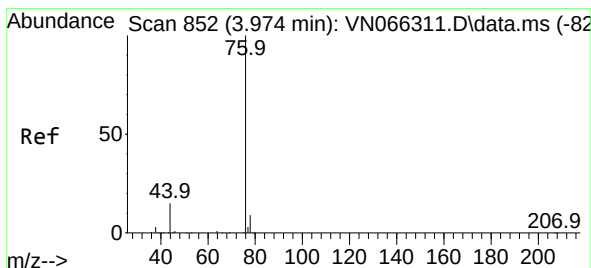
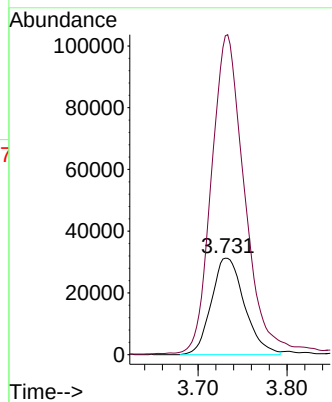
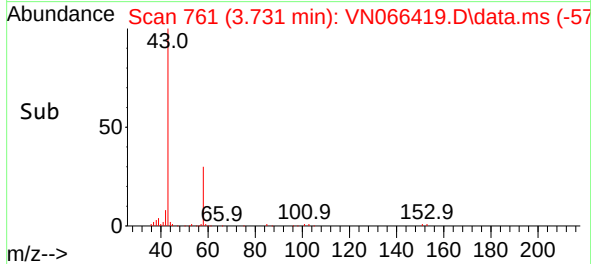




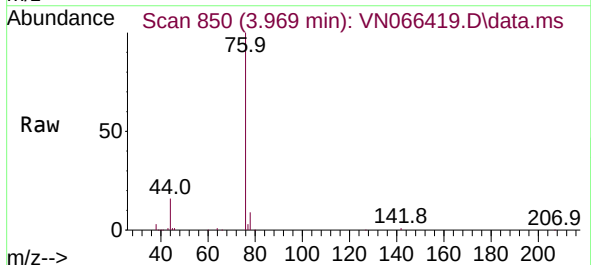
#15
Acetone
Concen: 116.91 ug/l
RT: 3.731 min Scan# 761
Delta R.T. -0.005 min
Lab File: VN066419.D
Acq: 30 Mar 2021 13:43



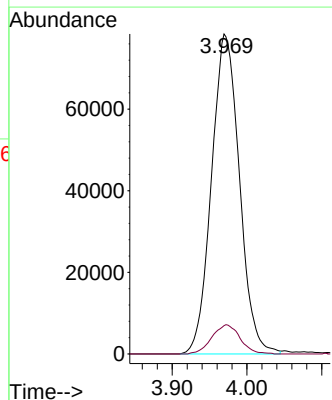
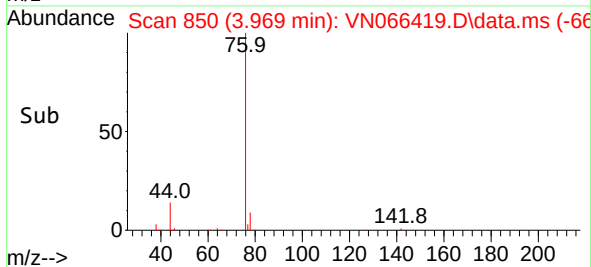
Tgt Ion: 58 Resp: 80764
Ion Ratio Lower Upper
58 100
43 328.1 267.3 400.9



#16
Carbon Disulfide
Concen: 19.84 ug/l
RT: 3.969 min Scan# 850
Delta R.T. -0.005 min
Lab File: VN066419.D
Acq: 30 Mar 2021 13:43



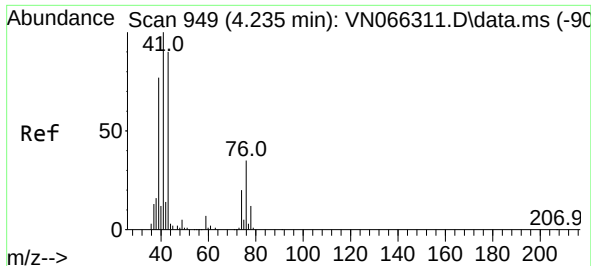
Tgt Ion: 76 Resp: 203587
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.6



Instrument :
MSVOA_N
ClientSampleId :
VN0330WBS01

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#17

Allyl chloride

Concen: 18.47 ug/l

RT: 4.235 min Scan# 949

Delta R.T. -0.000 min

Lab File: VN066419.D

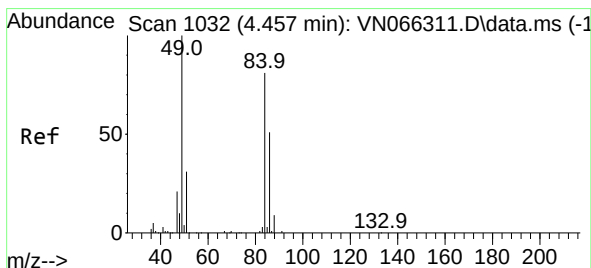
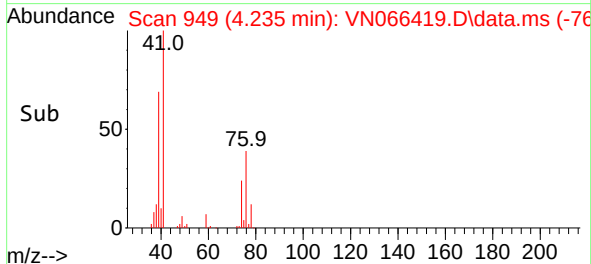
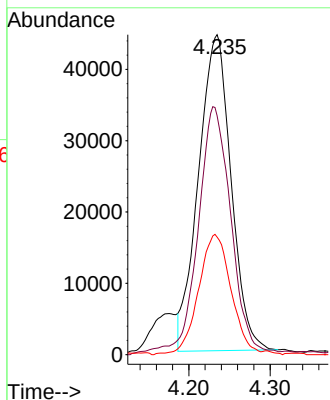
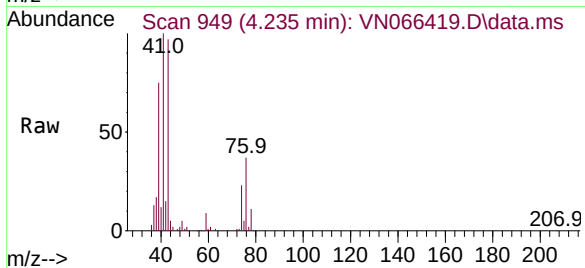
Acq: 30 Mar 2021 13:43

Tgt Ion:	41	Resp:	123638
Ion	Ratio	Lower	Upper
41	100		
39	74.9	38.6	116.0
76	36.9	17.6	52.8

Instrument :
MSVOA_N
ClientSampleId :
VN0330WBS01

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#18

Methylene Chloride

Concen: 20.67 ug/l

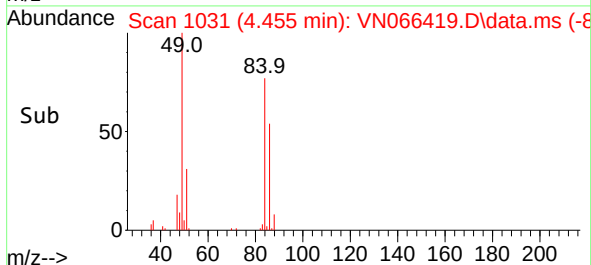
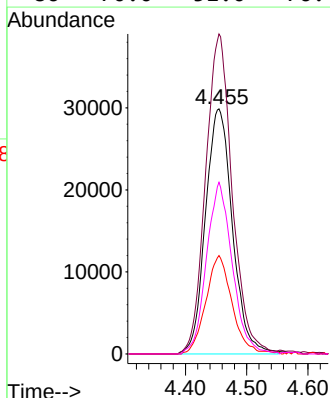
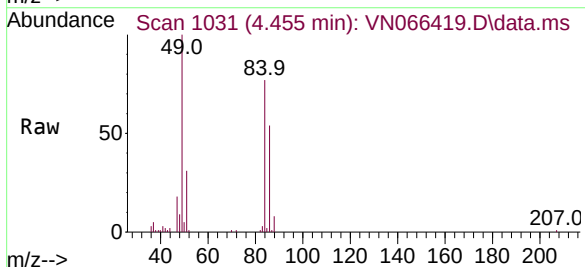
RT: 4.455 min Scan# 1031

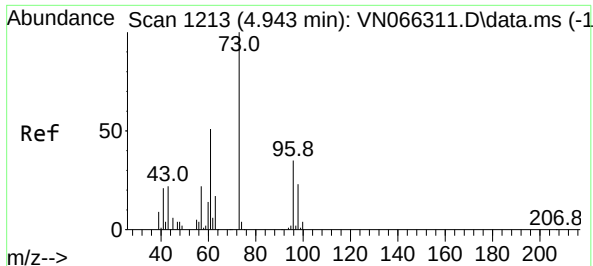
Delta R.T. -0.002 min

Lab File: VN066419.D

Acq: 30 Mar 2021 13:43

Tgt Ion:	84	Resp:	91521
Ion	Ratio	Lower	Upper
84	100		
49	130.5	98.9	148.3
51	40.1	30.8	46.2
86	70.0	51.0	76.4

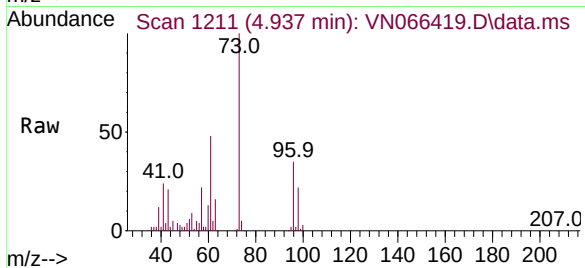




#19

trans-1,2-Dichloroethene
Concen: 20.43 ug/l
RT: 4.937 min Scan# 1211
Delta R.T. -0.006 min
Lab File: VN066419.D
Acq: 30 Mar 2021 13:43

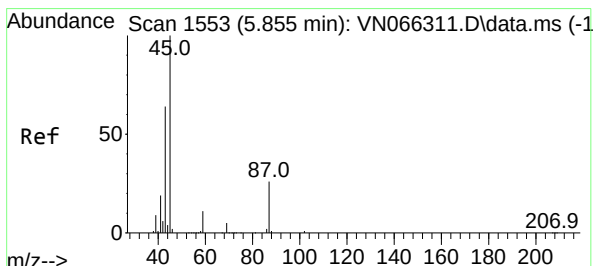
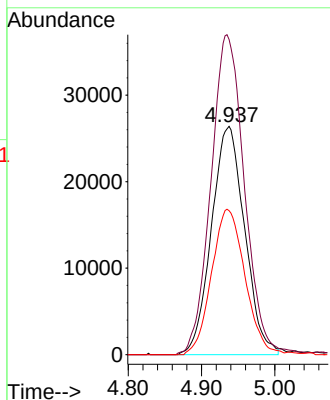
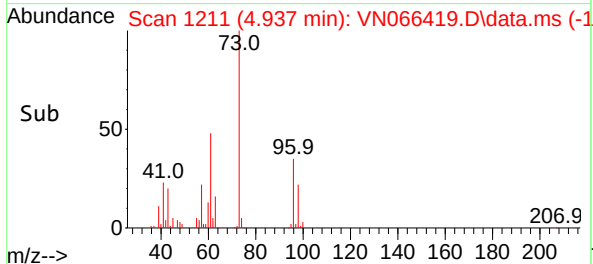
Instrument :
MSVOA_N
ClientSampleId :
VN0330WBS01



Tgt Ion:	96	Resp:	83257
Ion	Ratio	Lower	Upper
96	100		
61	137.4	113.4	170.0
98	63.1	51.0	76.4

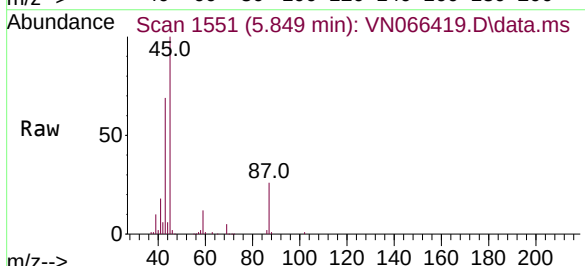
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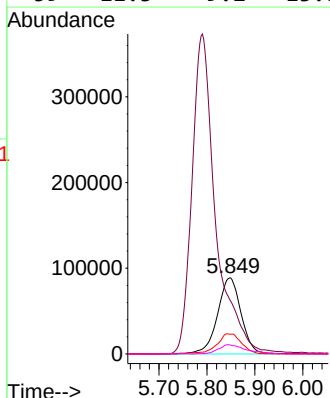
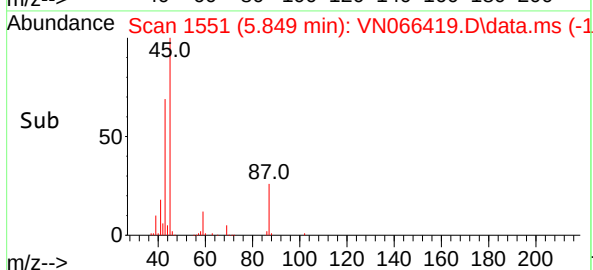


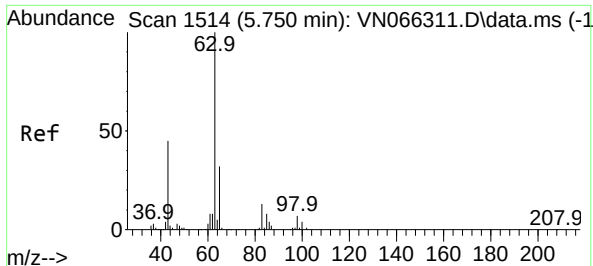
#20

Diisopropyl ether
Concen: 20.56 ug/l
RT: 5.849 min Scan# 1551
Delta R.T. -0.006 min
Lab File: VN066419.D
Acq: 30 Mar 2021 13:43



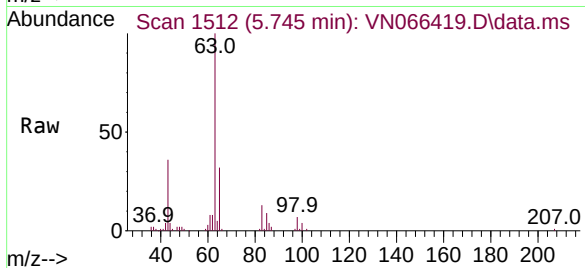
Tgt Ion:	45	Resp:	302106
Ion	Ratio	Lower	Upper
45	100		
43	66.2	51.4	77.2
87	25.9	21.4	32.0
59	11.3	9.2	13.8





#21
1,1-Dichloroethane
Concen: 20.85 ug/l
RT: 5.745 min Scan# 1512
Delta R.T. -0.005 min
Lab File: VN066419.D
Acq: 30 Mar 2021 13:43

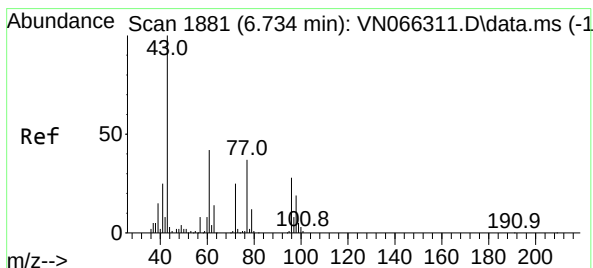
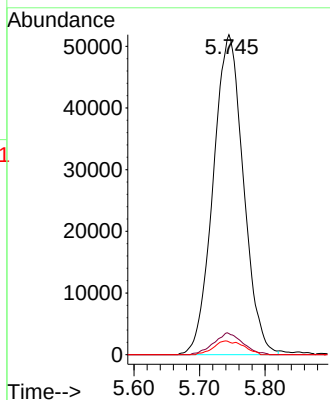
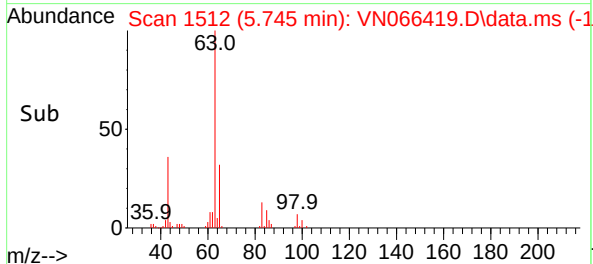
Instrument :
MSVOA_N
ClientSampleId :
VN0330WBS01



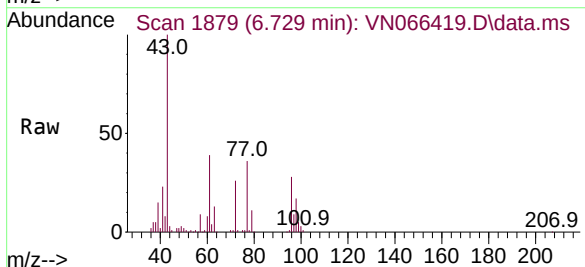
Tgt Ion: 63 Resp: 165865
Ion Ratio Lower Upper
63 100
98 6.6 3.3 9.9
100 4.0 1.9 5.7

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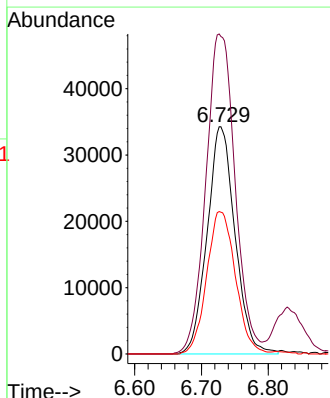
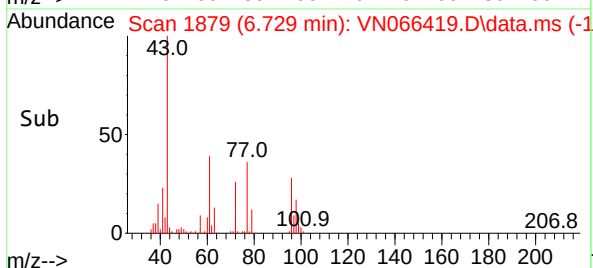
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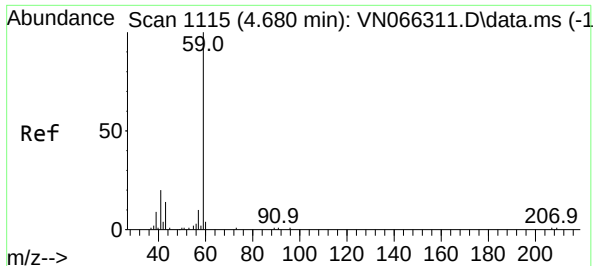


#22
cis-1,2-Dichloroethene
Concen: 20.41 ug/l
RT: 6.729 min Scan# 1879
Delta R.T. -0.005 min
Lab File: VN066419.D
Acq: 30 Mar 2021 13:43



Tgt Ion: 96 Resp: 99560
Ion Ratio Lower Upper
96 100
61 147.8 119.4 179.0
98 64.5 51.5 77.3





#23

tert-Butyl Alcohol

Concen: 97.07 ug/l m

RT: 4.675 min Scan# 1113

Delta R.T. -0.005 min

Lab File: VN066419.D

Acq: 30 Mar 2021 13:43

Tgt Ion: 59 Resp: 94545

Ion Ratio Lower Upper

59 100

52 0.2 0.1 0.1#

Instrument :

MSVOA_N

ClientSampleId :

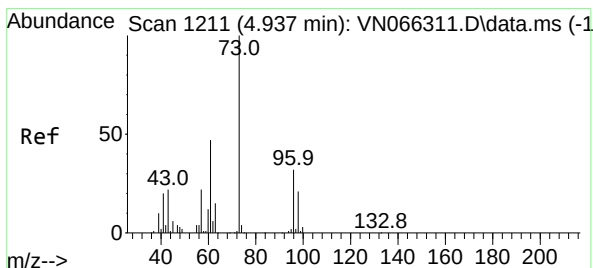
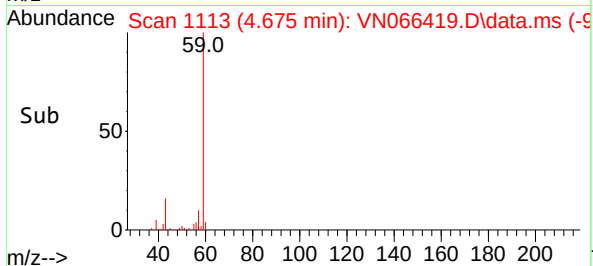
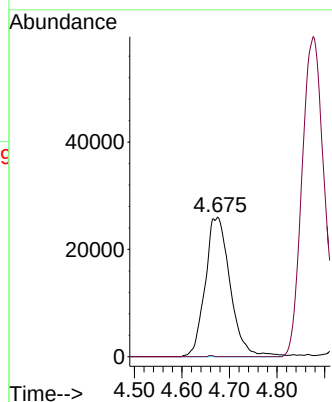
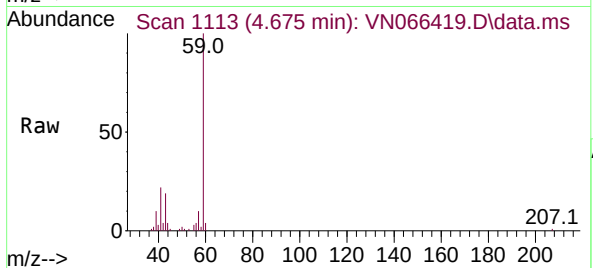
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#24

Methyl tert-Butyl Ether

Concen: 19.79 ug/l

RT: 4.935 min Scan# 1210

Delta R.T. -0.002 min

Lab File: VN066419.D

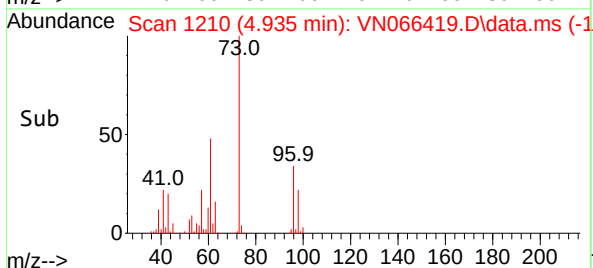
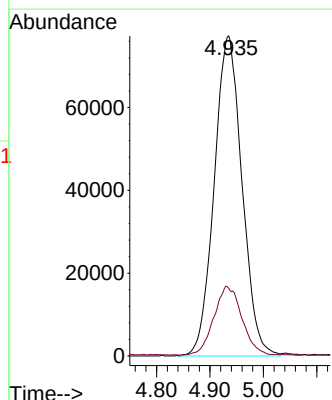
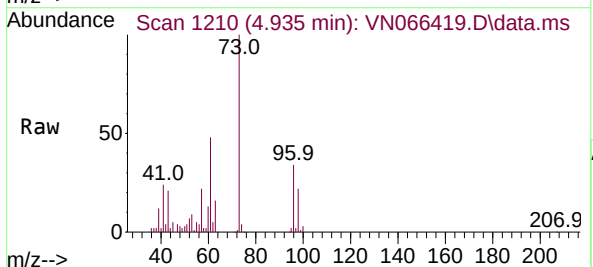
Acq: 30 Mar 2021 13:43

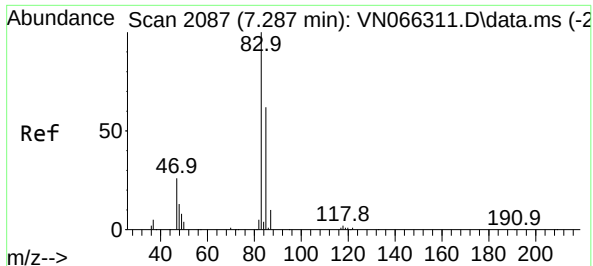
Tgt Ion: 73 Resp: 279711

Ion Ratio Lower Upper

73 100

43 13.4 18.5 27.7#





#25

Chloroform

Concen: 20.86 ug/l

RT: 7.284 min Scan# 2086

Delta R.T. -0.003 min

Lab File: VN066419.D

Acq: 30 Mar 2021 13:43

Tgt Ion: 83 Resp: 167605

Ion Ratio Lower Upper

83 100

85 65.9 49.4 74.2

Instrument :

MSVOA_N

ClientSampleId :

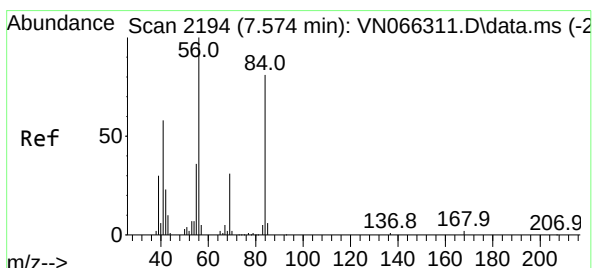
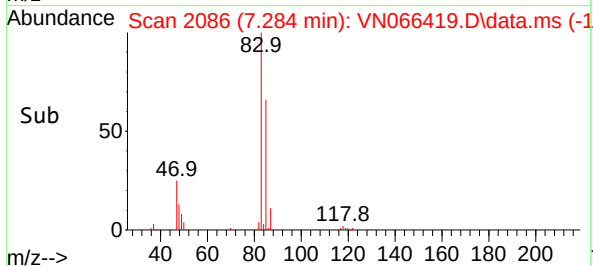
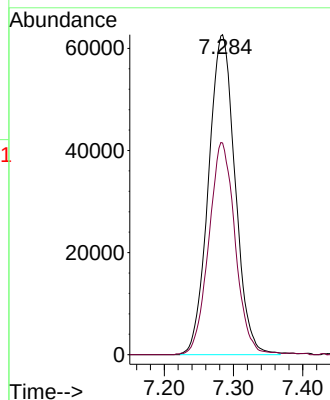
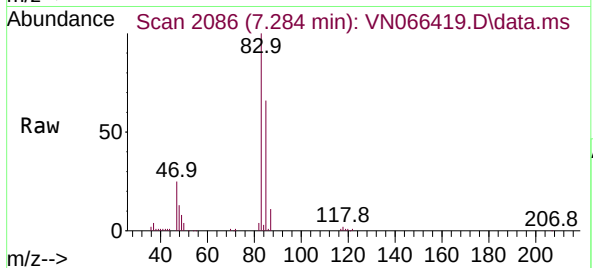
VN0330WBS01

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#26

Cyclohexane

Concen: 19.56 ug/l

RT: 7.571 min Scan# 2193

Delta R.T. -0.003 min

Lab File: VN066419.D

Acq: 30 Mar 2021 13:43

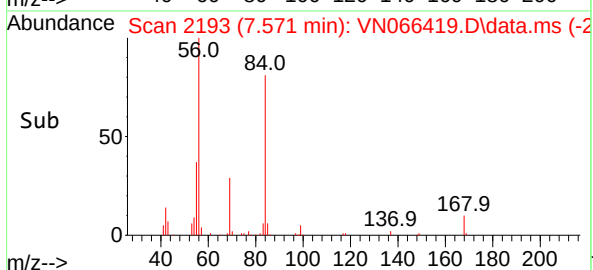
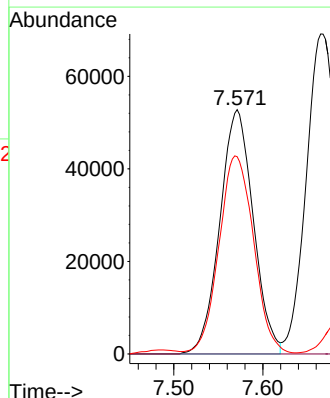
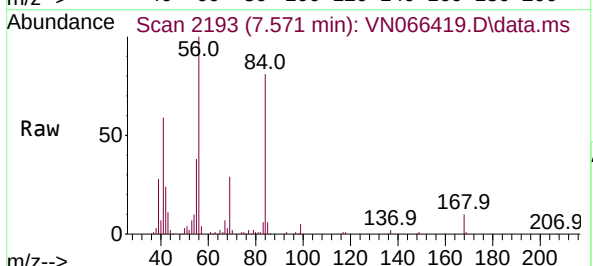
Tgt Ion: 56 Resp: 137940

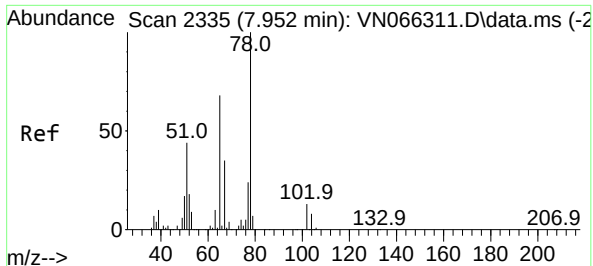
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 83.2 65.4 98.2





#27

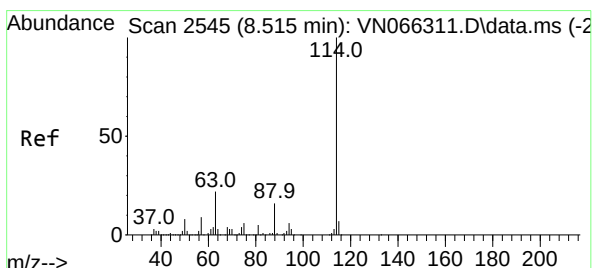
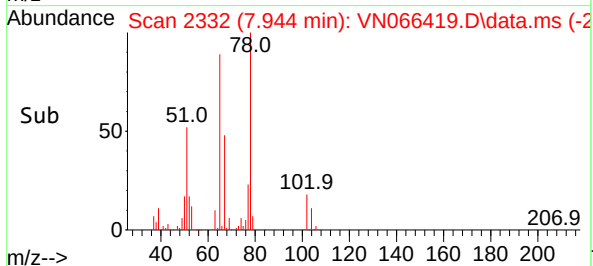
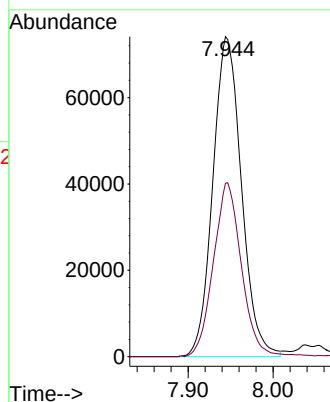
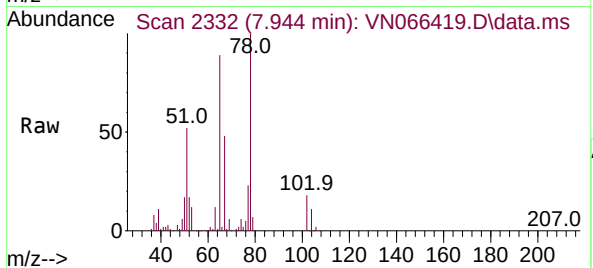
1,2-Dichloroethane-d4
Concen: 31.41 ug/l
RT: 7.944 min Scan# 2332
Delta R.T. -0.008 min
Lab File: VN066419.D
Acq: 30 Mar 2021 13:43

Tgt Ion: 65 Resp: 173242
Ion Ratio Lower Upper
65 100
67 53.2 42.2 63.4

Instrument :
MSVOA_N
ClientSampleId :
VN0330WBS01

Manual Integrations
APPROVED

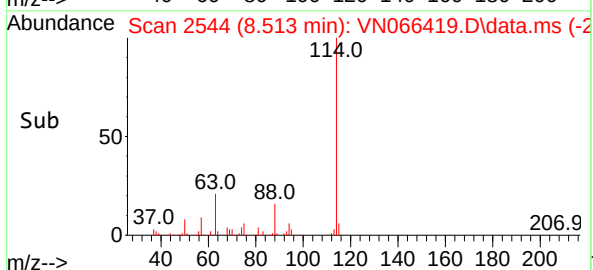
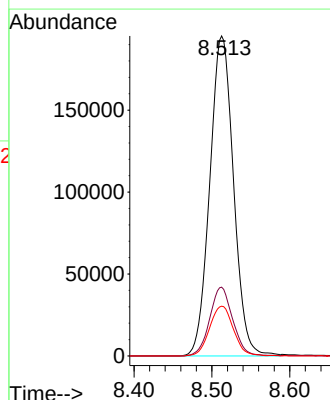
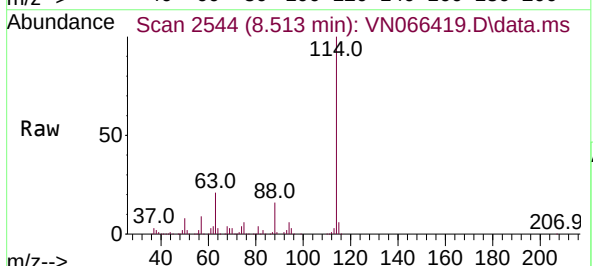
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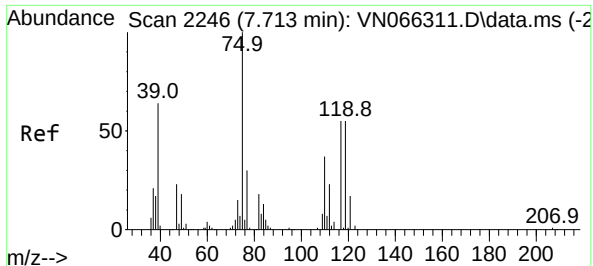


#28

1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 8.513 min Scan# 2544
Delta R.T. -0.002 min
Lab File: VN066419.D
Acq: 30 Mar 2021 13:43

Tgt Ion: 114 Resp: 413744
Ion Ratio Lower Upper
114 100
63 20.8 17.4 26.0
88 15.6 12.6 19.0





#29

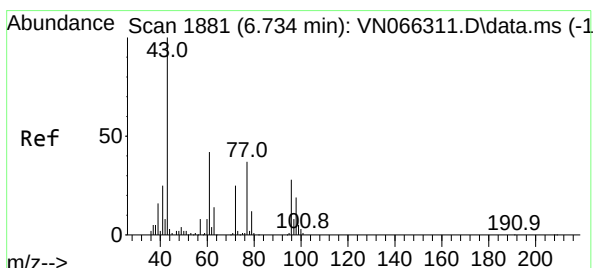
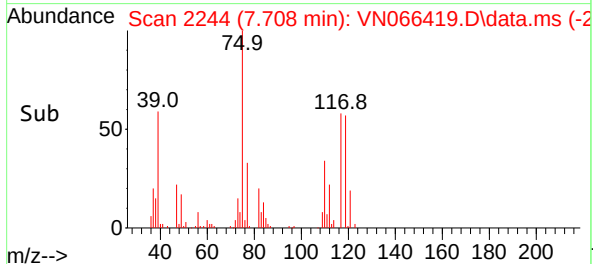
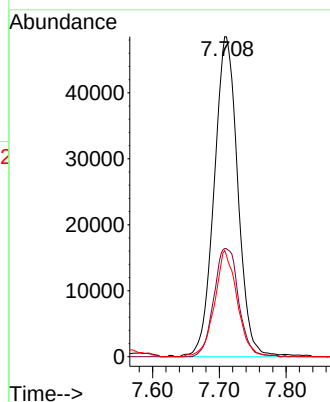
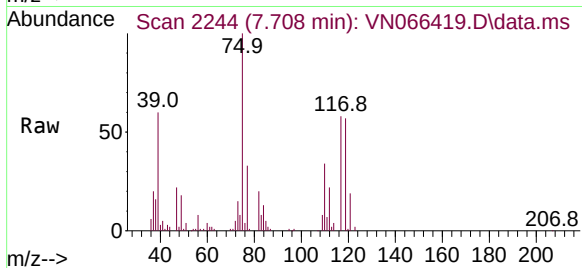
1,1-Dichloropropene
Concen: 19.24 ug/l
RT: 7.708 min Scan# 2244
Delta R.T. -0.005 min
Lab File: VN066419.D
Acq: 30 Mar 2021 13:43

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.2	0.0	69.4
77	31.6	0.0	60.6

Instrument :
MSVOA_N
ClientSampleId :
VN0330WBS01

Manual Integrations
APPROVED

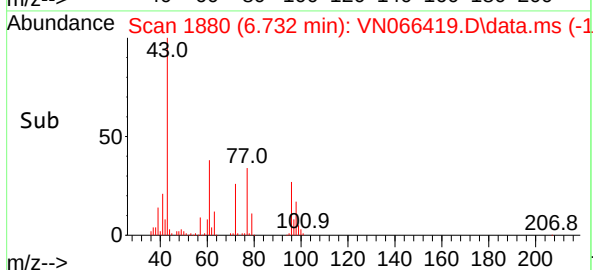
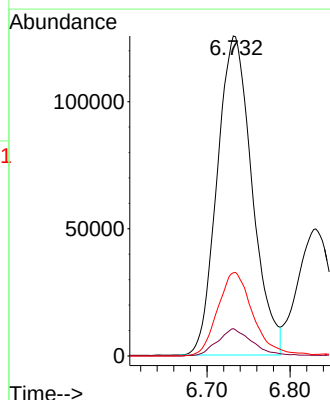
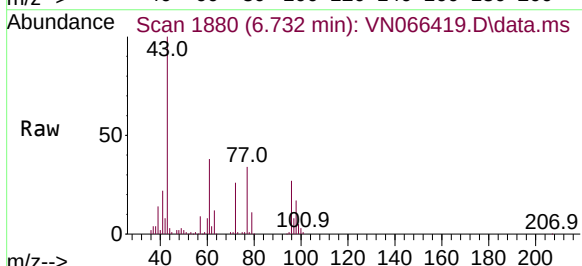
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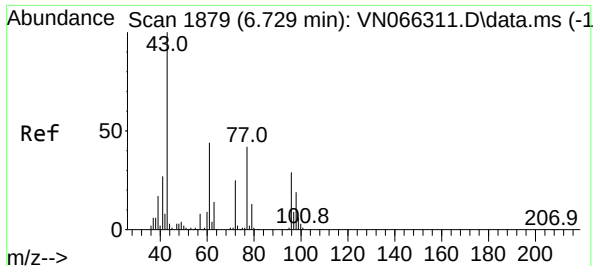


#30

2-Butanone
Concen: 100.95 ug/l
RT: 6.732 min Scan# 1880
Delta R.T. -0.002 min
Lab File: VN066419.D
Acq: 30 Mar 2021 13:43

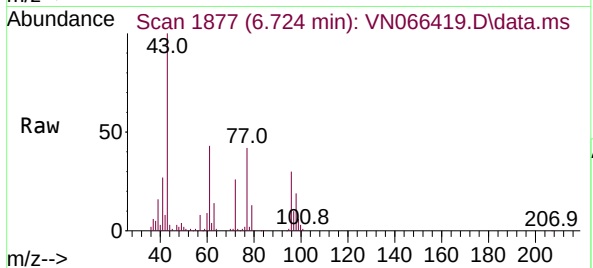
Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.5	6.9	10.3
72	26.7	20.9	31.3





#31
2,2-Dichloropropane
Concen: 18.87 ug/l
RT: 6.724 min Scan# 1877
Delta R.T. -0.005 min
Lab File: VN066419.D
Acq: 30 Mar 2021 13:43

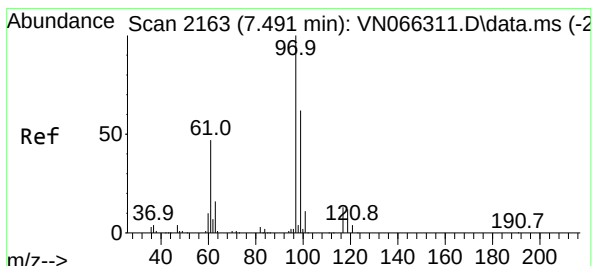
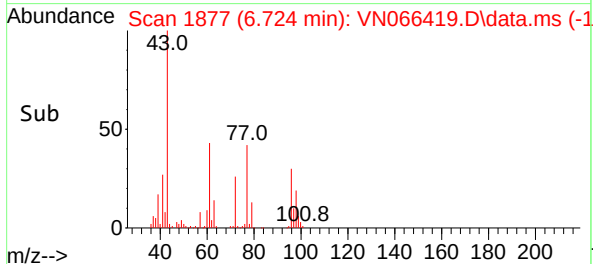
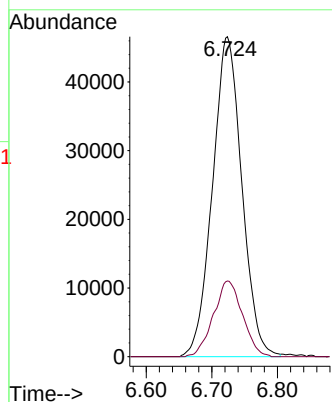
Instrument :
MSVOA_N
ClientSampleId :
VN0330WBS01



Tgt Ion: 77 Resp: 144640
Ion Ratio Lower Upper
77 100
97 23.5 18.1 27.1

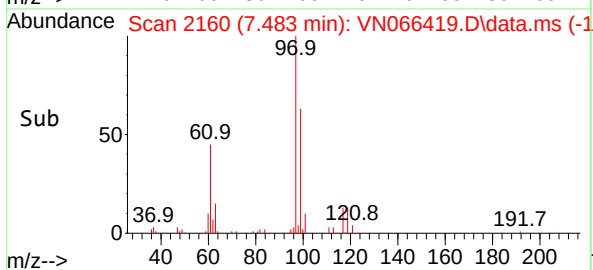
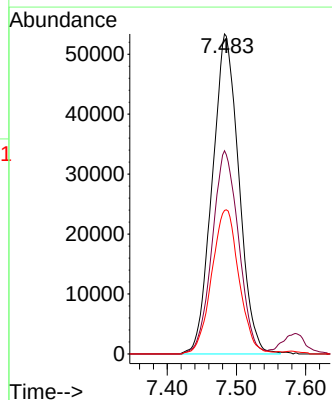
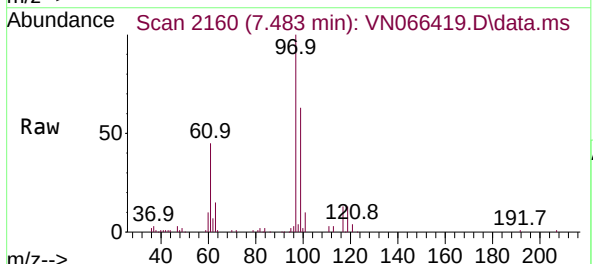
Manual Integrations
APPROVED

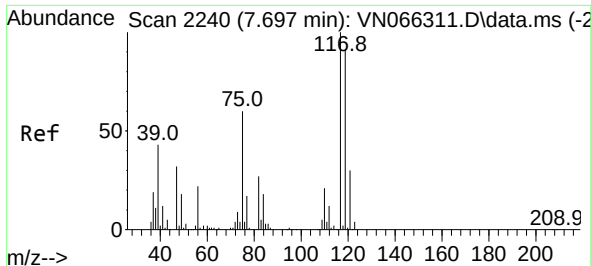
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#32
1,1,1-Trichloroethane
Concen: 18.99 ug/l
RT: 7.483 min Scan# 2160
Delta R.T. -0.008 min
Lab File: VN066419.D
Acq: 30 Mar 2021 13:43

Tgt Ion: 97 Resp: 142419
Ion Ratio Lower Upper
97 100
99 63.2 50.7 76.1
61 46.2 37.6 56.4



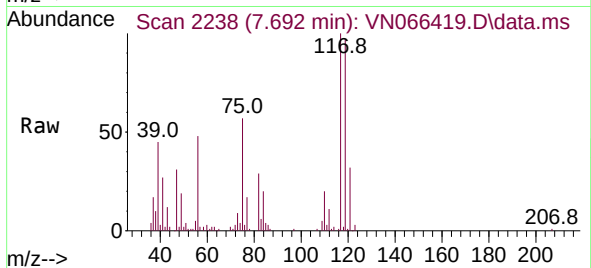


#33
Carbon Tetrachloride
Concen: 18.66 ug/l
RT: 7.692 min Scan# 2238
Delta R.T. -0.005 min
Lab File: VN066419.D
Acq: 30 Mar 2021 13:43

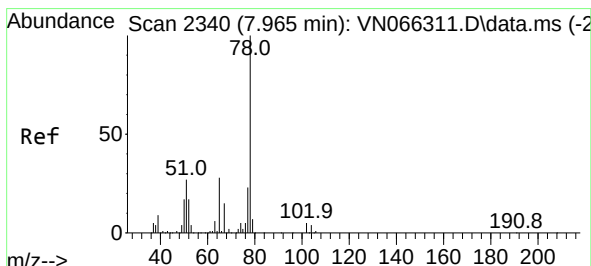
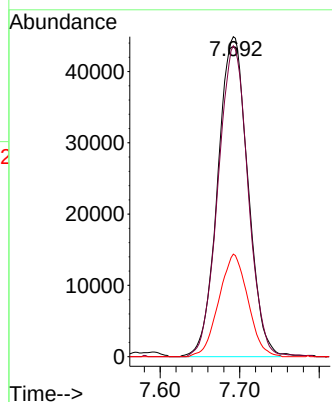
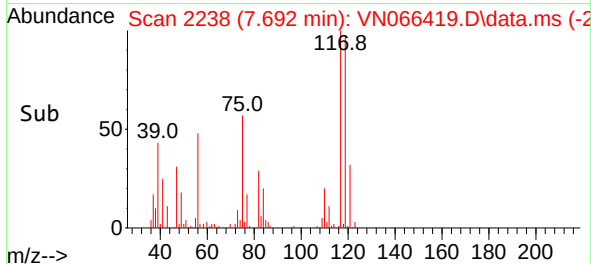
Instrument :
MSVOA_N
ClientSampleId :
VN0330WBS01

Manual Integrations
APPROVED

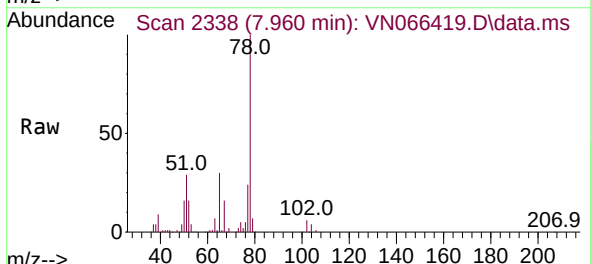
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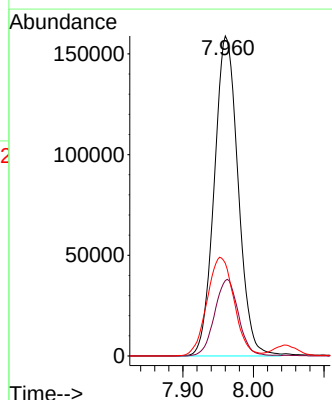
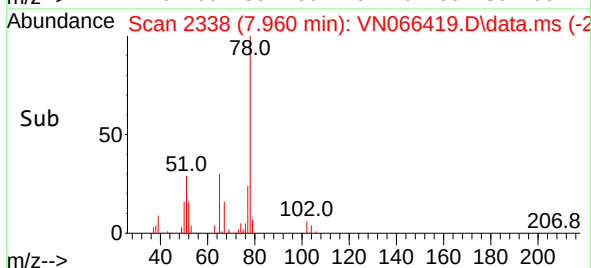
Tgt Ion:117 Resp: 118178
Ion Ratio Lower Upper
117 100
119 97.1 72.6 108.8
121 32.1 23.5 35.3

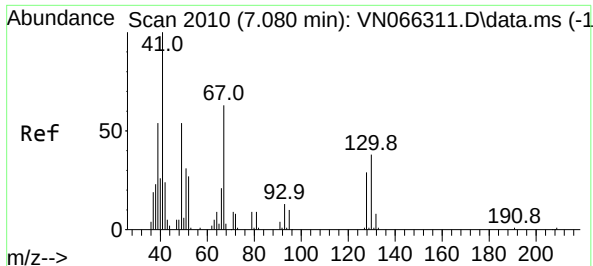


#34
Benzene
Concen: 19.83 ug/l
RT: 7.960 min Scan# 2338
Delta R.T. -0.005 min
Lab File: VN066419.D
Acq: 30 Mar 2021 13:43



Tgt Ion: 78 Resp: 373914
Ion Ratio Lower Upper
78 100
77 23.6 18.6 27.8
51 28.8 21.9 32.9





#35

Methacrylonitrile

Concen: 19.06 ug/l

RT: 7.072 min Scan# 2007

Delta R.T. -0.008 min

Lab File: VN066419.D

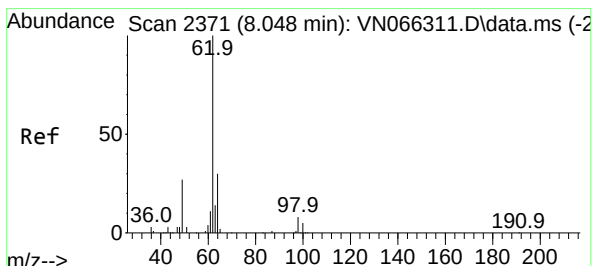
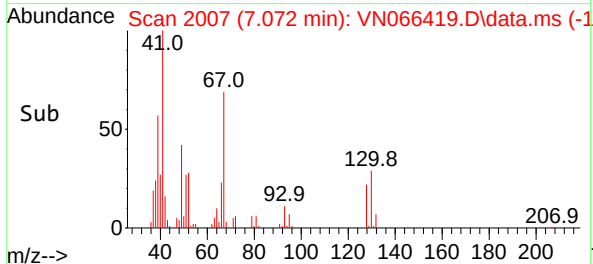
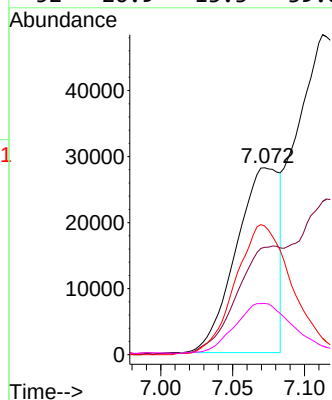
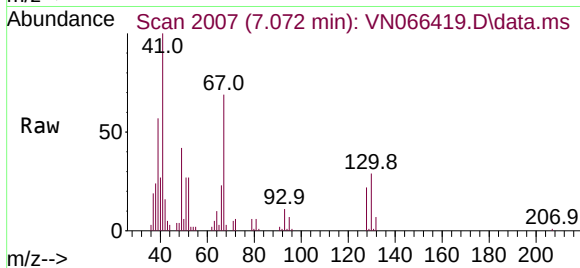
Acq: 30 Mar 2021 13:43

Tgt Ion:	41	Resp:	58472
Ion	Ratio	Lower	Upper
41	100		
39	57.4	27.3	81.8
67	68.8	31.4	94.3
52	26.9	13.3	39.8

Instrument :
MSVOA_N
ClientSampleId :
VN0330WBS01

Manual Integrations
APPROVED

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#36

1,2-Dichloroethane

Concen: 18.98 ug/l

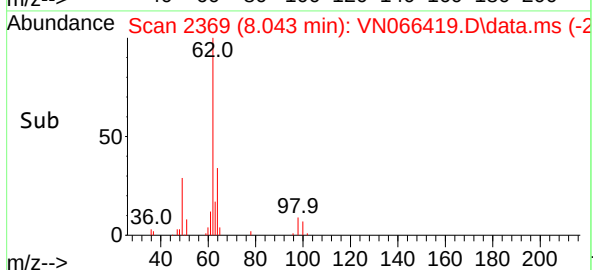
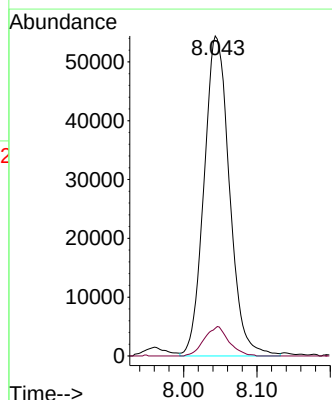
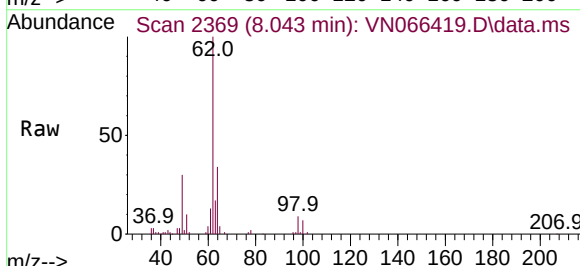
RT: 8.043 min Scan# 2369

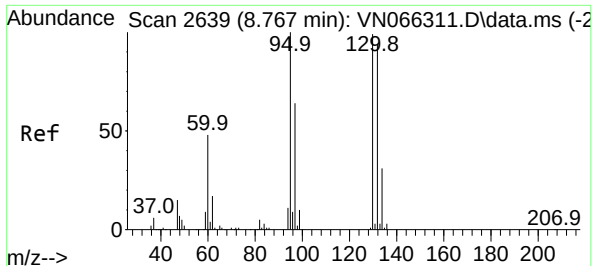
Delta R.T. -0.005 min

Lab File: VN066419.D

Acq: 30 Mar 2021 13:43

Tgt Ion:	62	Resp:	131148
Ion	Ratio	Lower	Upper
62	100		
98	8.9	6.9	10.3





#37

Trichloroethene

Concen: 19.11 ug/l

RT: 8.765 min Scan# 2638

Delta R.T. -0.002 min

Lab File: VN066419.D

Acq: 30 Mar 2021 13:43

Tgt Ion:130 Resp: 93976

Ion Ratio Lower Upper

130 100

95 100.6 80.7 121.1

Instrument :

MSVOA_N

ClientSampleId :

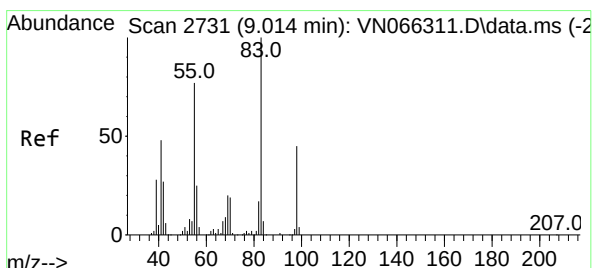
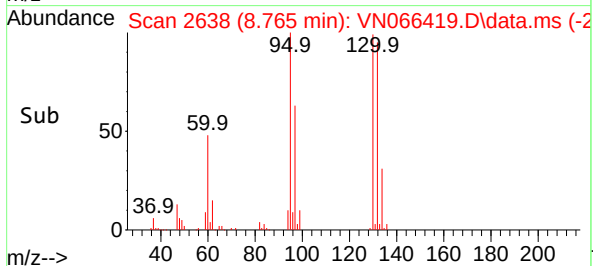
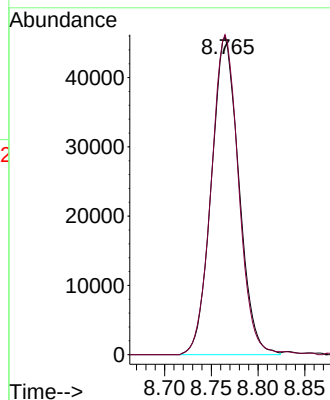
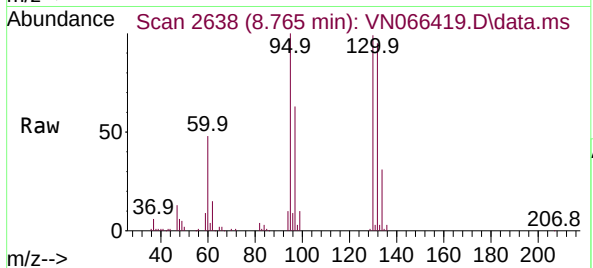
VN0330WBS01

Manual Integrations

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#38

Methylcyclohexane

Concen: 18.44 ug/l

RT: 9.011 min Scan# 2730

Delta R.T. -0.003 min

Lab File: VN066419.D

Acq: 30 Mar 2021 13:43

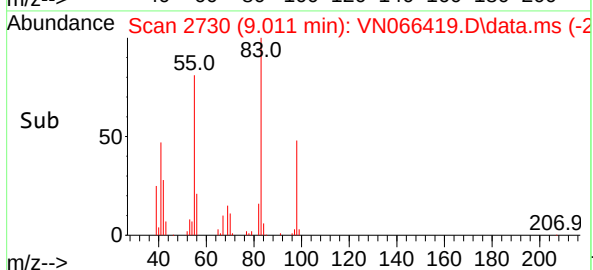
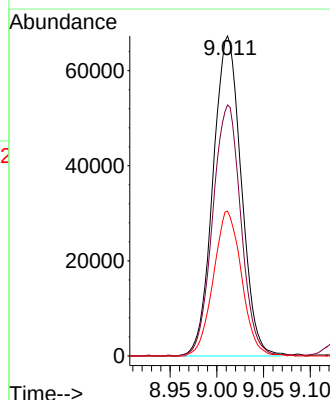
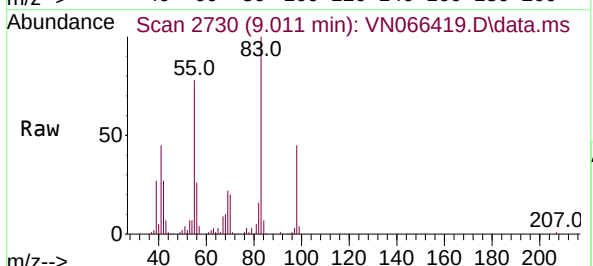
Tgt Ion: 83 Resp: 141200

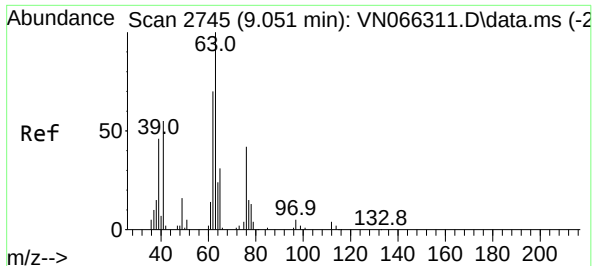
Ion Ratio Lower Upper

83 100

55 78.7 38.8 116.3

98 45.1 22.2 66.6





#39

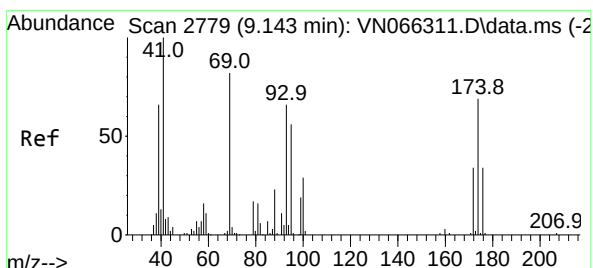
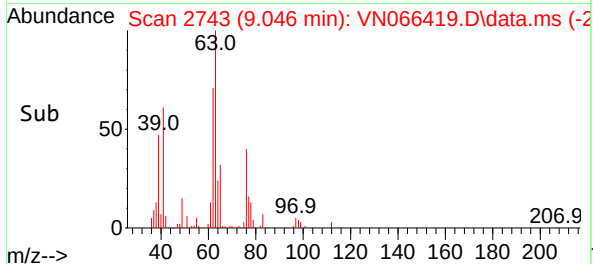
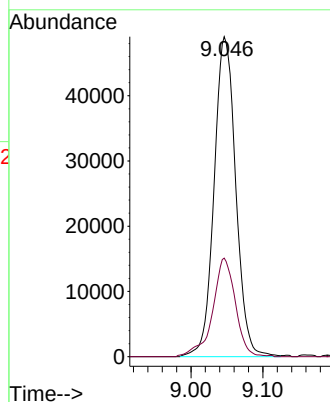
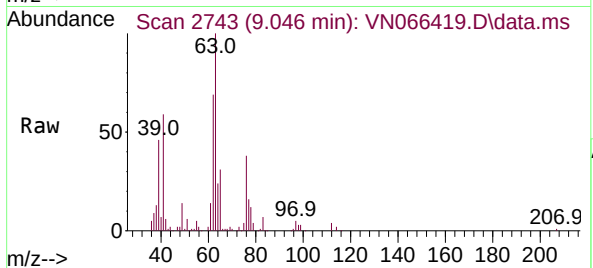
1,2-Dichloropropane
Concen: 20.12 ug/l
RT: 9.046 min Scan# 2743
Delta R.T. -0.005 min
Lab File: VN066419.D
Acq: 30 Mar 2021 13:43

Tgt Ion: 63 Resp: 102657
Ion Ratio Lower Upper
63 100
65 30.8 24.9 37.3

Instrument :
MSVOA_N
ClientSampleId :
VN0330WBS01

Manual Integrations
APPROVED

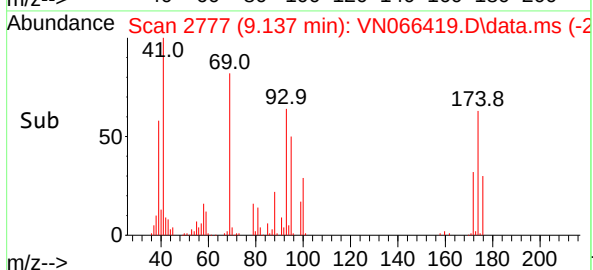
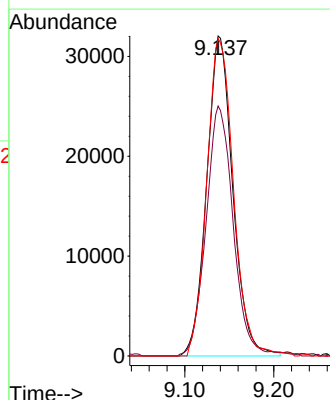
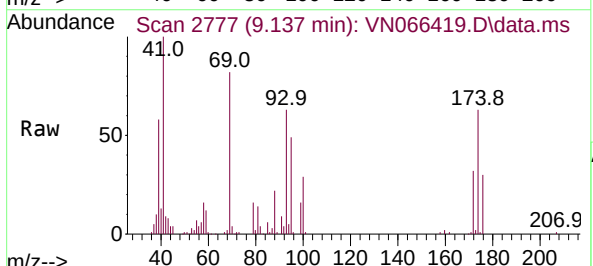
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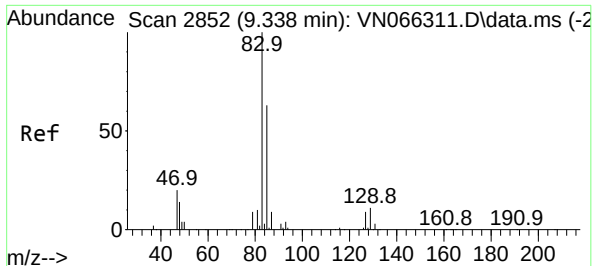


#40

Dibromomethane
Concen: 19.93 ug/l
RT: 9.137 min Scan# 2777
Delta R.T. -0.006 min
Lab File: VN066419.D
Acq: 30 Mar 2021 13:43

Tgt Ion: 93 Resp: 65399
Ion Ratio Lower Upper
93 100
95 80.3 0.0 169.0
174 100.8 0.0 205.8





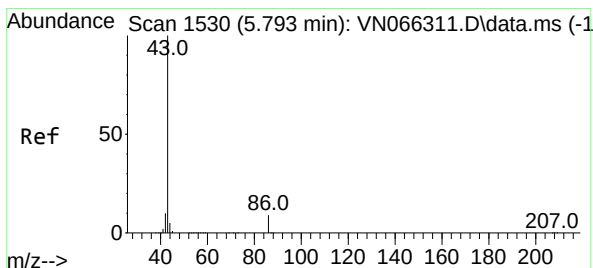
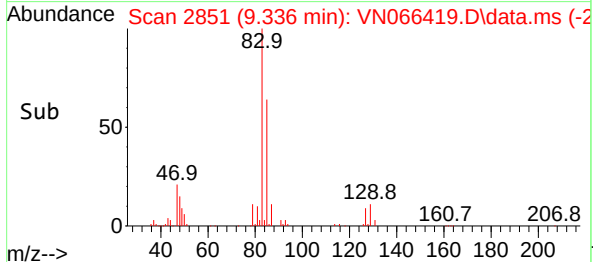
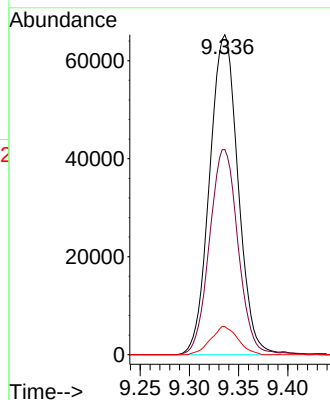
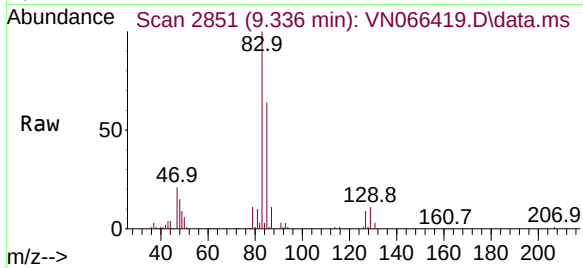
#41
Bromodichloromethane
Concen: 18.92 ug/l
RT: 9.336 min Scan# 2851
Delta R.T. -0.002 min
Lab File: VN066419.D
Acq: 30 Mar 2021 13:43

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.8	50.6	75.8
127	8.7	6.9	10.3

Instrument :
MSVOA_N
ClientSampleId :
VN0330WBS01

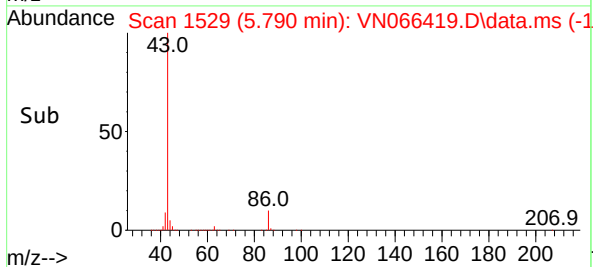
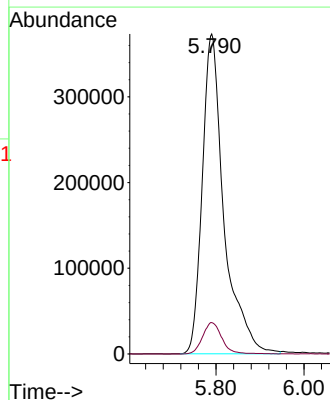
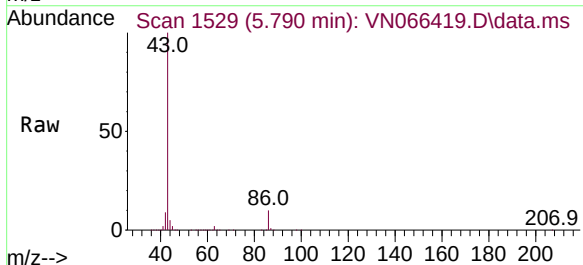
Manual Integrations
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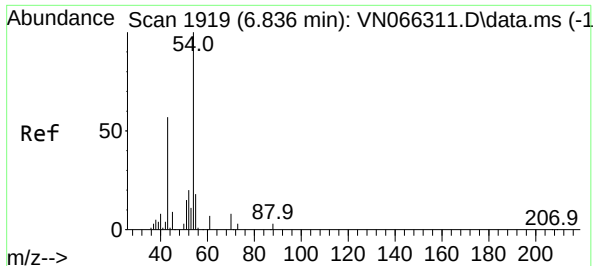
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#42
Vinyl Acetate
Concen: 93.46 ug/l
RT: 5.790 min Scan# 1529
Delta R.T. -0.003 min
Lab File: VN066419.D
Acq: 30 Mar 2021 13:43

Tgt Ion	Ratio	Lower	Upper
43	100		
86	8.6	6.7	10.1





#43

Ethyl Acetate

Concen: 20.48 ug/l

RT: 6.831 min Scan# 1917

Delta R.T. -0.005 min

Lab File: VN066419.D

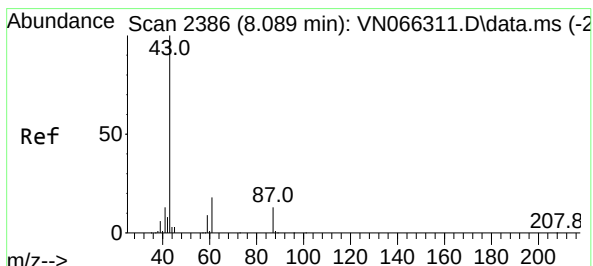
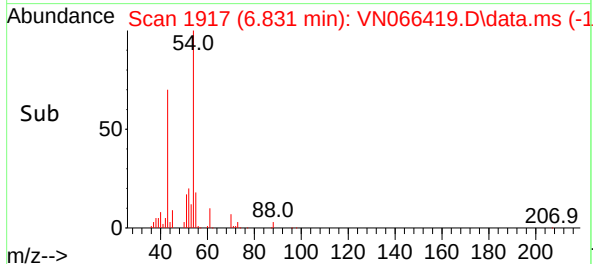
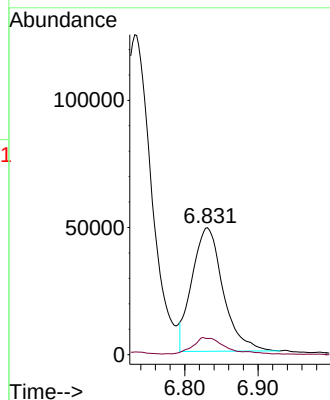
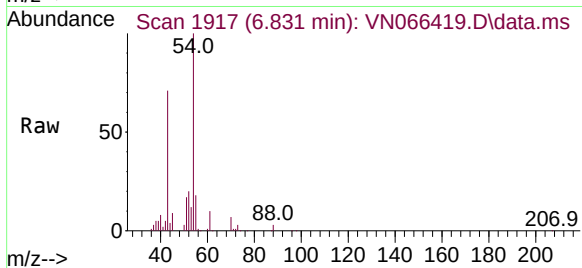
Acq: 30 Mar 2021 13:43

Tgt Ion: 43 Resp: 143047

Ion Ratio Lower Upper

43 100

45 6.1 0.0 0.0#



#44

Isopropyl Acetate

Concen: 18.77 ug/l

RT: 8.086 min Scan# 2385

Delta R.T. -0.003 min

Lab File: VN066419.D

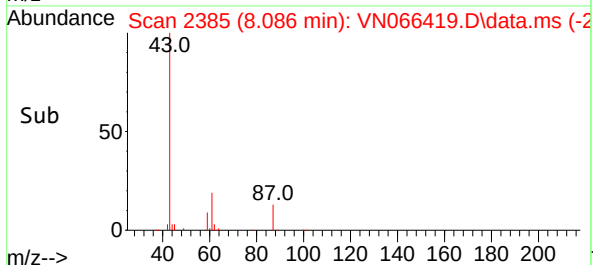
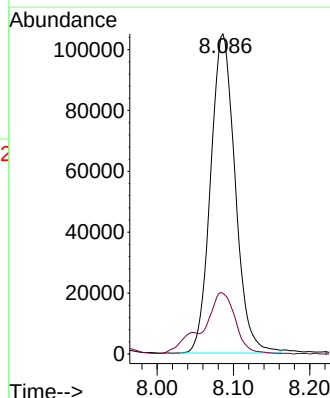
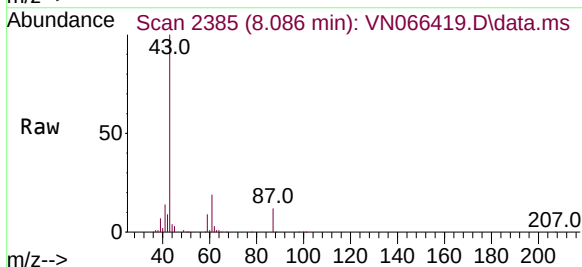
Acq: 30 Mar 2021 13:43

Tgt Ion: 43 Resp: 234147

Ion Ratio Lower Upper

43 100

61 19.4 0.0 0.0#



Instrument :

MSVOA_N

ClientSampleId :

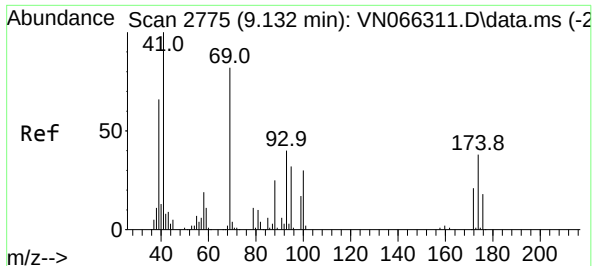
VN0330WBS01

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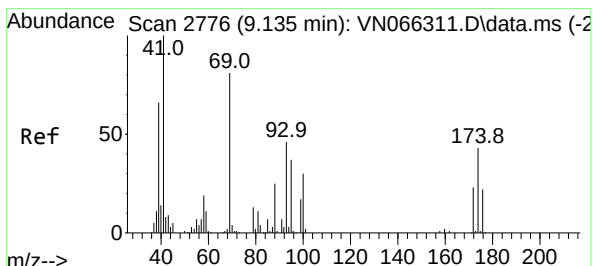
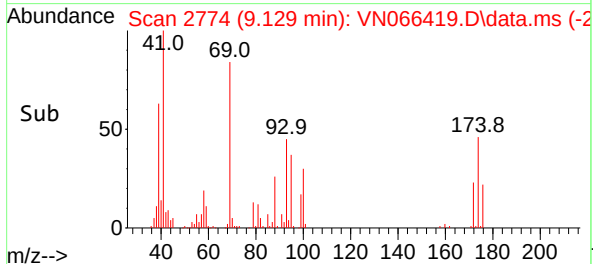
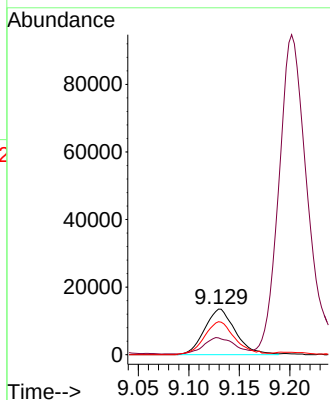
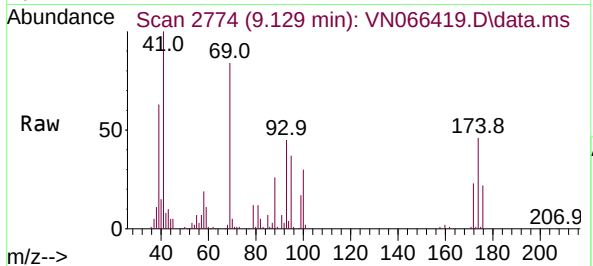
#45
1,4-Dioxane
Concen: 360.14 ug/l
RT: 9.129 min Scan# 2774
Delta R.T. -0.003 min
Lab File: VN066419.D
Acq: 30 Mar 2021 13:43

Tgt Ion: 88	Resp: 28653
Ion Ratio	Lower Upper
88 100	
43 35.8	27.0 40.4
58 70.1	57.9 86.9

Instrument :
MSVOA_N
ClientSampleId :
VN0330WBS01

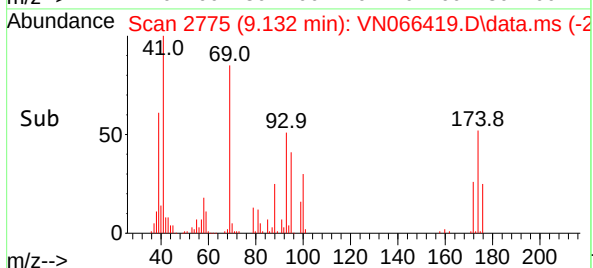
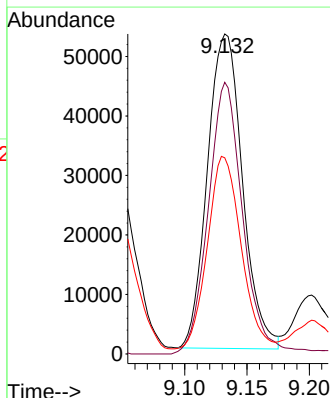
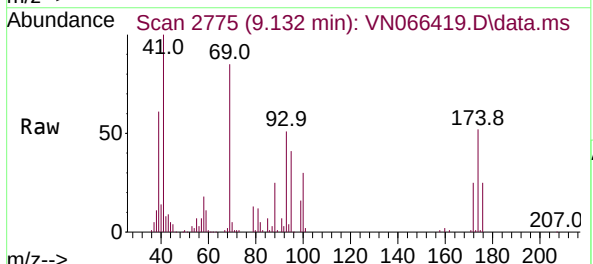
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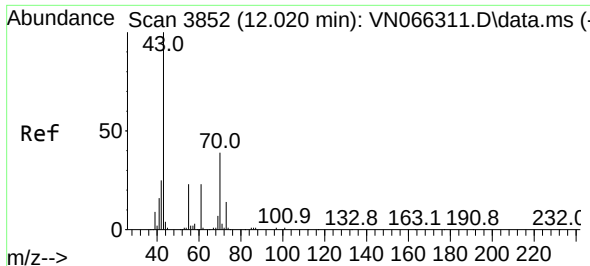
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#46
Methyl methacrylate
Concen: 17.81 ug/l
RT: 9.132 min Scan# 2775
Delta R.T. -0.003 min
Lab File: VN066419.D
Acq: 30 Mar 2021 13:43

Tgt Ion: 41	Resp: 103732
Ion Ratio	Lower Upper
41 100	
69 85.7	40.6 121.7
39 60.7	33.2 99.6





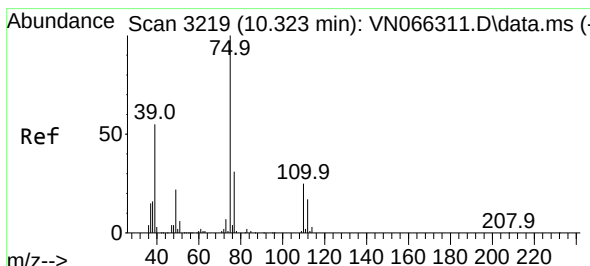
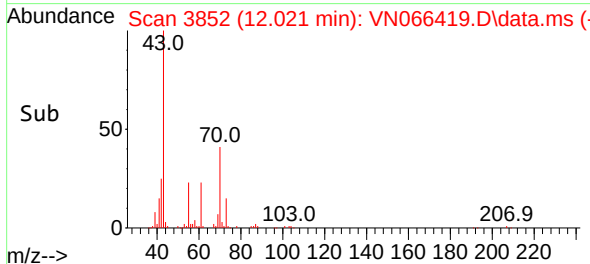
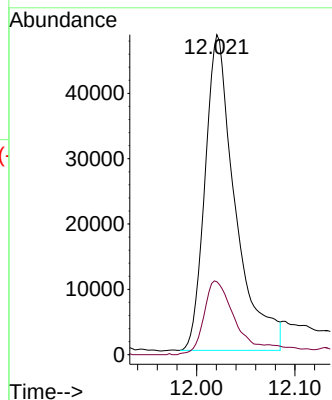
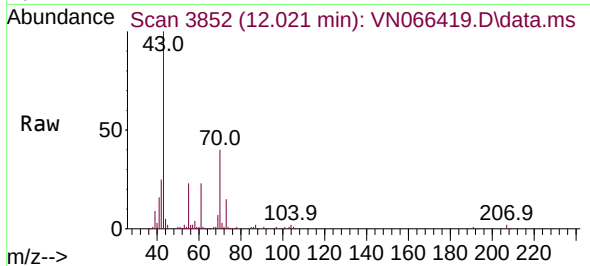
#47
n-amy1 Acetate
Concen: 18.01 ug/l
RT: 12.021 min Scan# 3852
Delta R.T. 0.001 min
Lab File: VN066419.D
Acq: 30 Mar 2021 13:43

Tgt Ion: 43 Resp: 103368
Ion Ratio Lower Upper
43 100
55 22.7 17.7 26.5

Instrument :
MSVOA_N
ClientSampleId :
VN0330WBS01

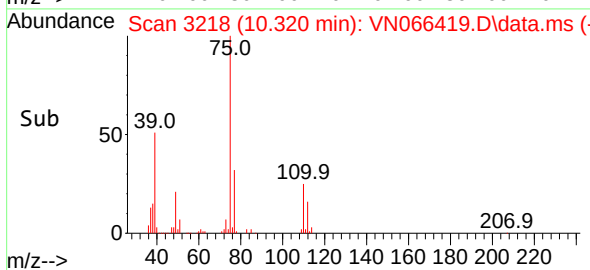
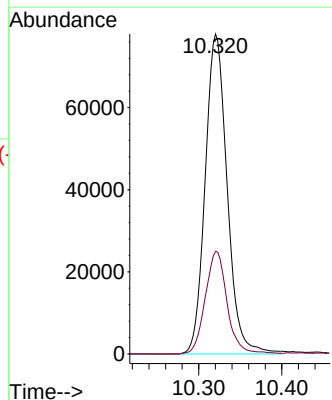
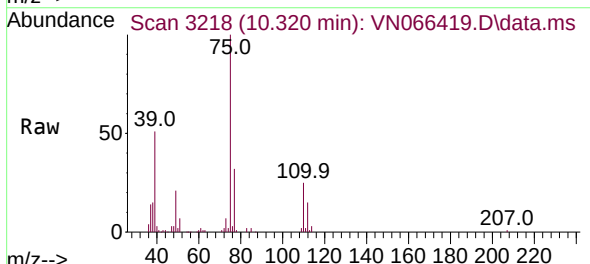
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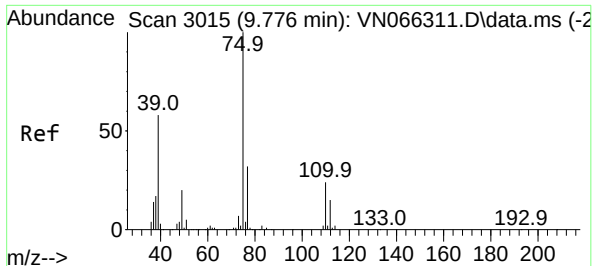
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#48
t-1,3-Dichloropropene
Concen: 18.98 ug/l
RT: 10.320 min Scan# 3218
Delta R.T. -0.003 min
Lab File: VN066419.D
Acq: 30 Mar 2021 13:43

Tgt Ion: 75 Resp: 143243
Ion Ratio Lower Upper
75 100
77 32.0 24.9 37.3





#49

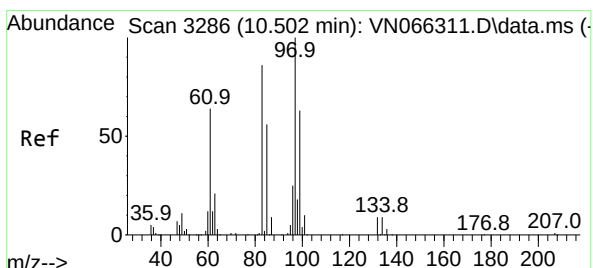
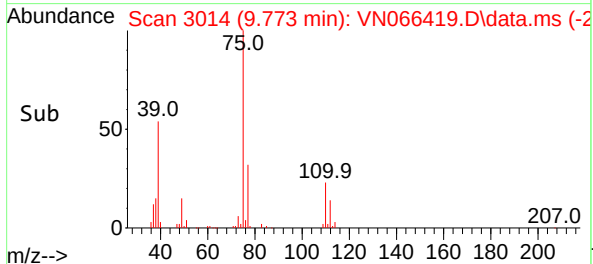
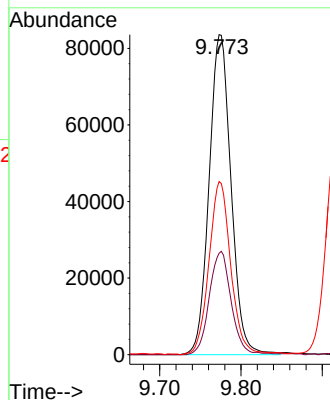
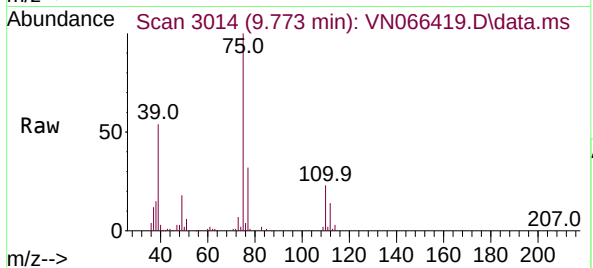
cis-1,3-Dichloropropene
Concen: 19.33 ug/l
RT: 9.773 min Scan# 3014
Delta R.T. -0.003 min
Lab File: VN066419.D
Acq: 30 Mar 2021 13:43

Tgt Ion: 75 Resp: 156742
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.0
39 54.1 46.8 70.2

Instrument :
MSVOA_N
ClientSampleId :
VN0330WBS01

Manual Integrations
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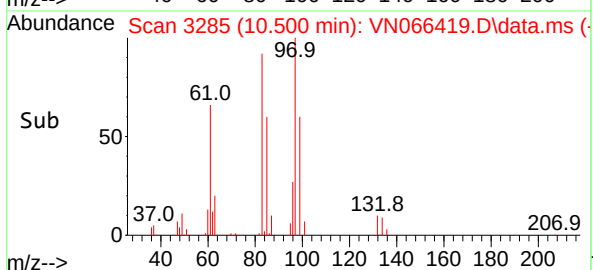
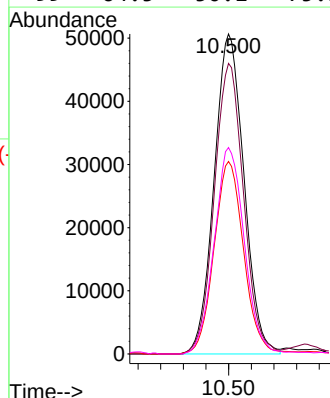
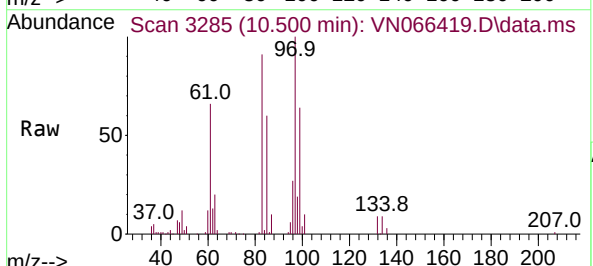
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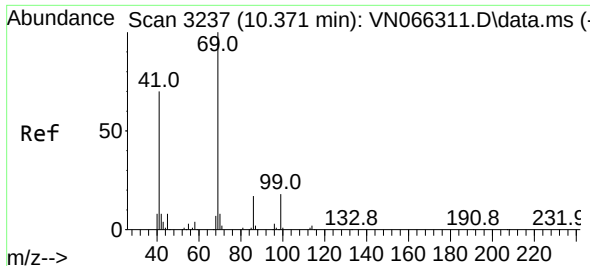


#50

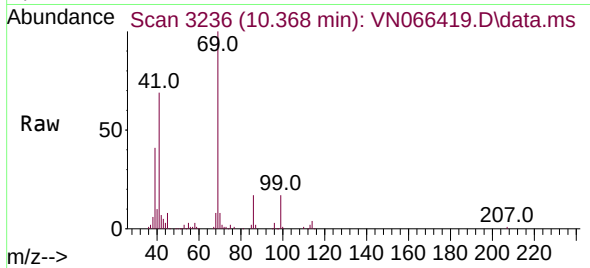
1,1,2-Trichloroethane
Concen: 19.71 ug/l
RT: 10.500 min Scan# 3285
Delta R.T. -0.002 min
Lab File: VN066419.D
Acq: 30 Mar 2021 13:43

Tgt Ion: 97 Resp: 92574
Ion Ratio Lower Upper
97 100
83 90.8 68.8 103.2
85 60.2 44.8 67.2
99 64.5 50.1 75.1



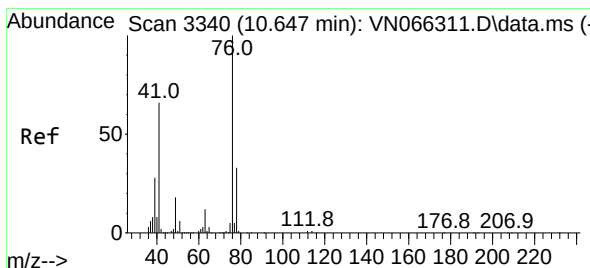
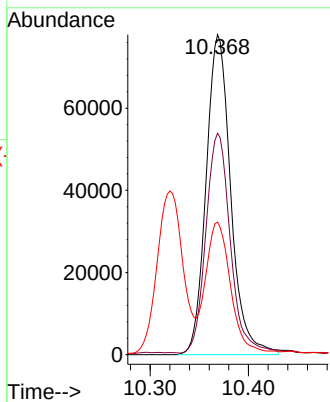
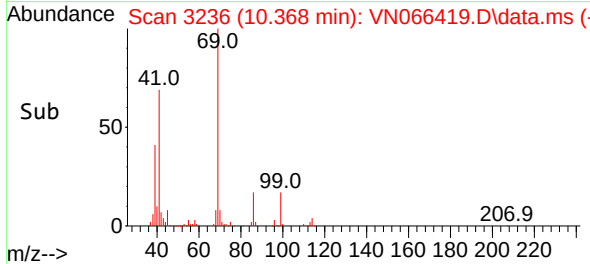


#51
Ethyl methacrylate
Concen: 18.50 ug/l
RT: 10.368 min Scan# 3236
Delta R.T. -0.003 min
Lab File: VN066419.D
Acq: 30 Mar 2021 13:43

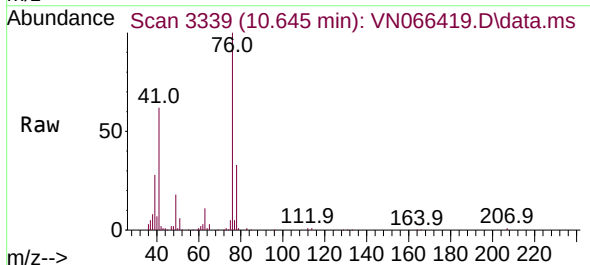


Tgt Ion: 69 Resp: 136028

Ion	Ratio	Lower	Upper
69	100		
41	68.7	34.8	104.5
39	40.5	22.5	67.5

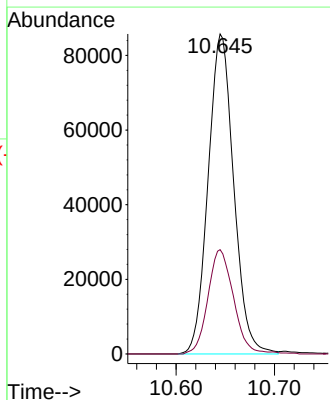
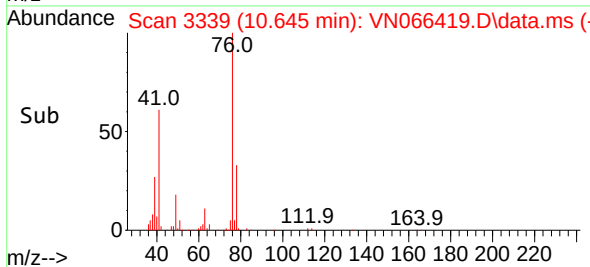


#52
1,3-Dichloropropane
Concen: 19.79 ug/l
RT: 10.645 min Scan# 3339
Delta R.T. -0.002 min
Lab File: VN066419.D
Acq: 30 Mar 2021 13:43



Tgt Ion: 76 Resp: 154930

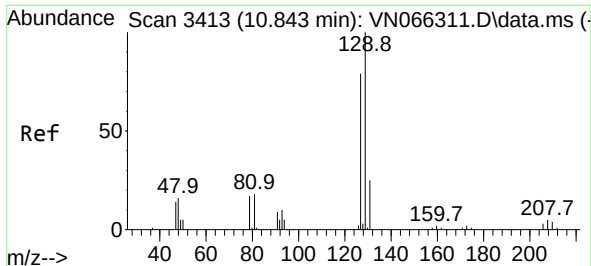
Ion	Ratio	Lower	Upper
76	100		
78	32.3	0.0	65.6



Instrument :
MSVOA_N
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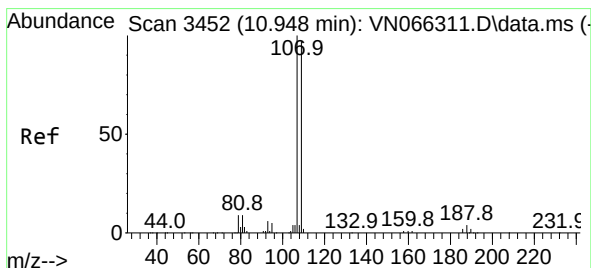
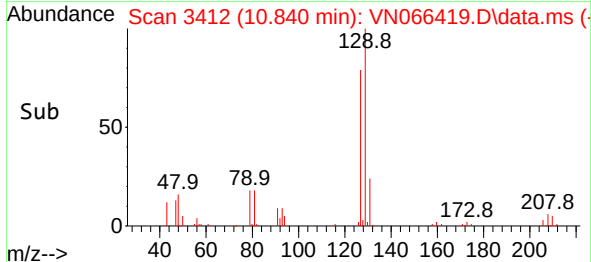
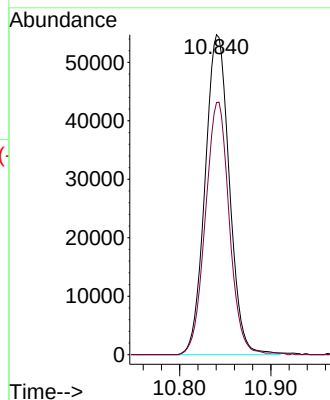
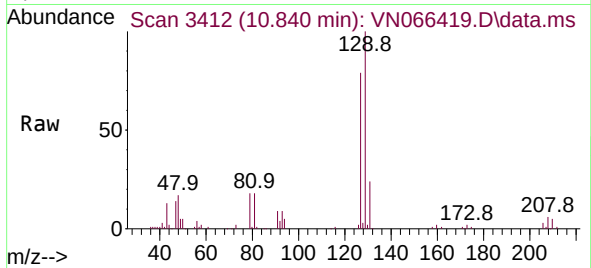
#53
Dibromochloromethane
Concen: 19.20 ug/l
RT: 10.840 min Scan# 3412
Delta R.T. -0.003 min
Lab File: VN066419.D
Acq: 30 Mar 2021 13:43

Tgt Ion:129 Resp: 101319
Ion Ratio Lower Upper
129 100
127 77.6 38.6 115.7

Instrument :
MSVOA_N
ClientSampleId :
VN0330WBS01

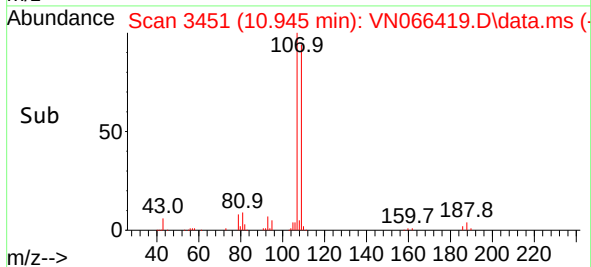
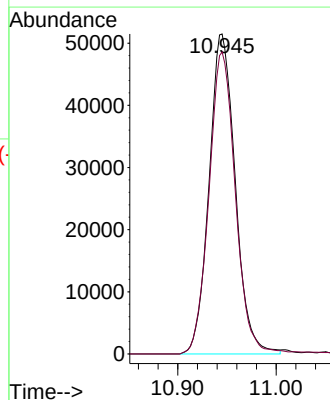
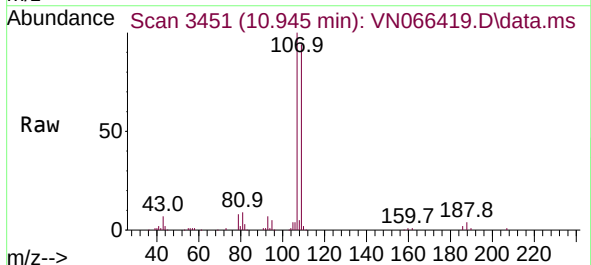
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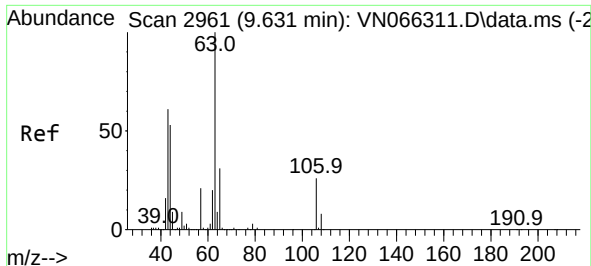
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#54
1,2-Dibromoethane
Concen: 19.68 ug/l
RT: 10.945 min Scan# 3451
Delta R.T. -0.003 min
Lab File: VN066419.D
Acq: 30 Mar 2021 13:43

Tgt Ion:107 Resp: 95151
Ion Ratio Lower Upper
107 100
109 95.2 75.8 113.6





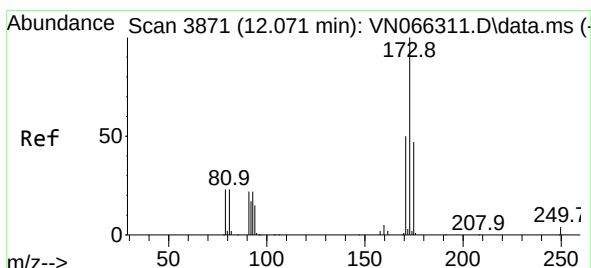
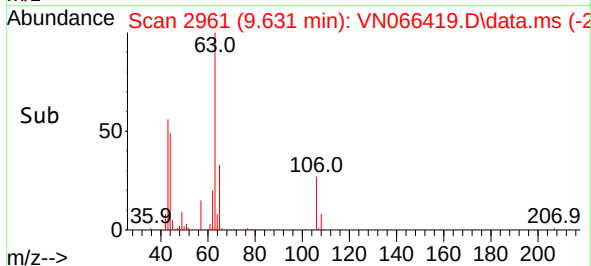
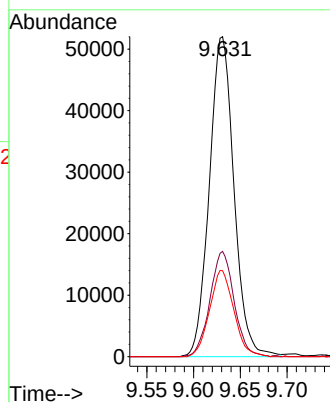
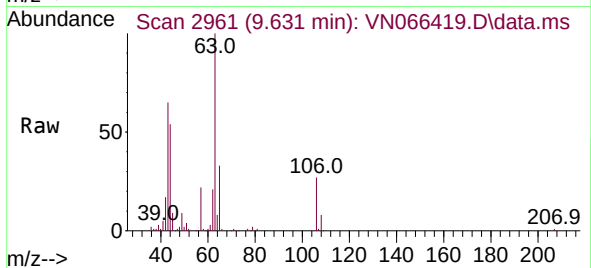
#55
2-Chloroethyl vinyl ether
Concen: 87.37 ug/l
RT: 9.631 min Scan# 2961
Delta R.T. -0.000 min
Lab File: VN066419.D
Acq: 30 Mar 2021 13:43

Tgt Ion	Ratio	Lower	Upper
63	100		
65	32.3	26.0	39.0
106	26.6	20.6	31.0

Instrument :
MSVOA_N
ClientSampleId :
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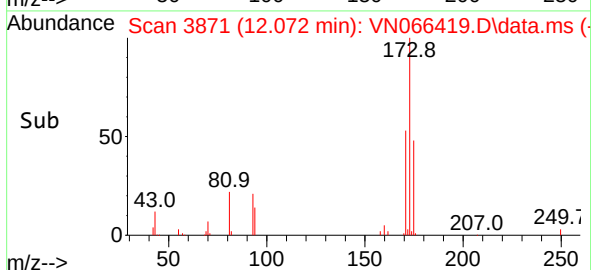
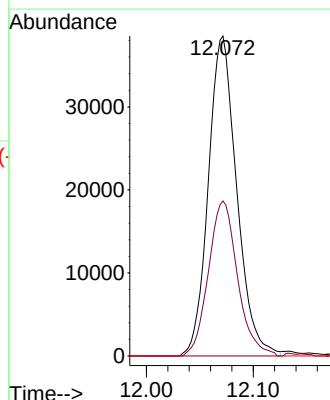
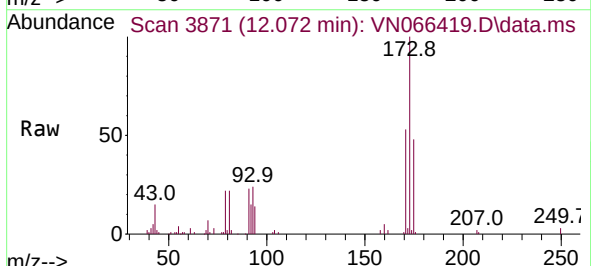
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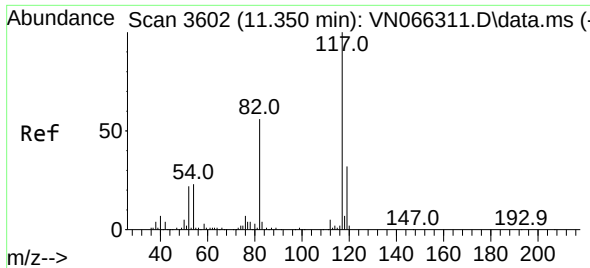
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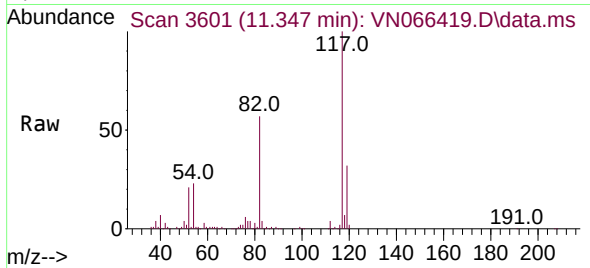
#56
Bromoform
Concen: 18.39 ug/l
RT: 12.072 min Scan# 3871
Delta R.T. 0.001 min
Lab File: VN066419.D
Acq: 30 Mar 2021 13:43

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.6	38.3	57.5
254	0.0	0.0	0.0

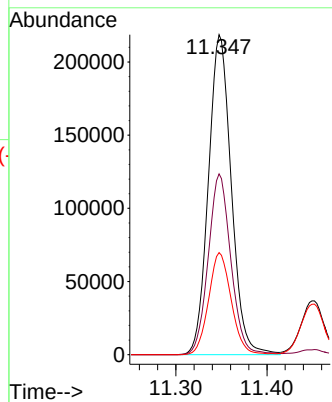
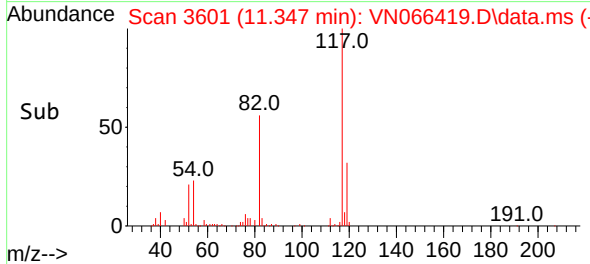




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.347 min Scan# 3601
Delta R.T. -0.003 min
Lab File: VN066419.D
Acq: 30 Mar 2021 13:43



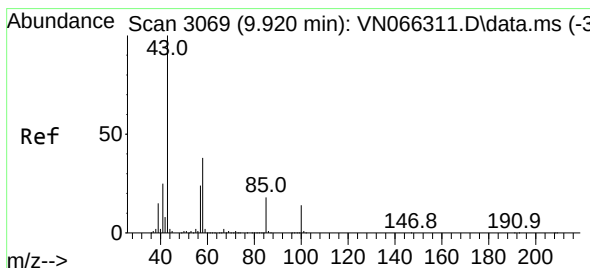
Tgt Ion: 117 Resp: 381459
Ion Ratio Lower Upper
117 100
82 56.0 45.0 67.6
119 31.5 25.5 38.3



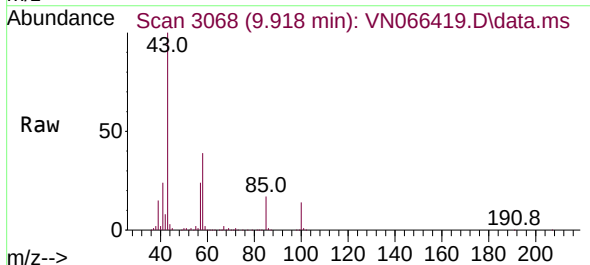
Instrument :
MSVOA_N
ClientSampleId :
VN0330WBS01

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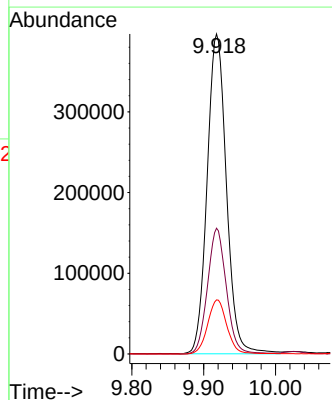
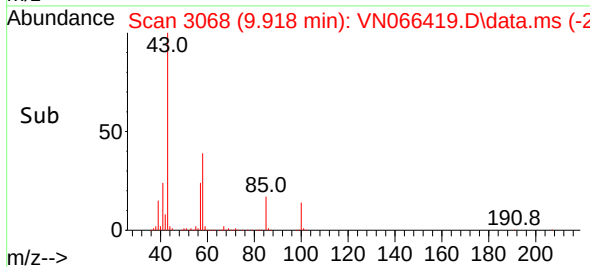
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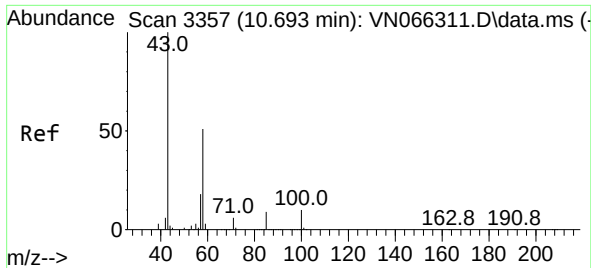


#58
4-Methyl-2-Pentanone
Concen: 96.85 ug/l
RT: 9.918 min Scan# 3068
Delta R.T. -0.002 min
Lab File: VN066419.D
Acq: 30 Mar 2021 13:43



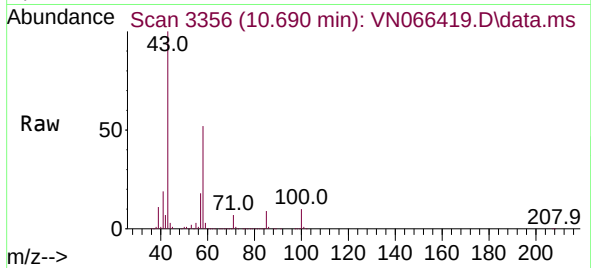
Tgt Ion: 43 Resp: 740230
Ion Ratio Lower Upper
43 100
58 38.3 30.4 45.6
85 16.8 13.8 20.8





#59
2-Hexanone
Concen: 98.78 ug/l
RT: 10.690 min Scan# 3356
Delta R.T. -0.003 min
Lab File: VN066419.D
Acq: 30 Mar 2021 13:43

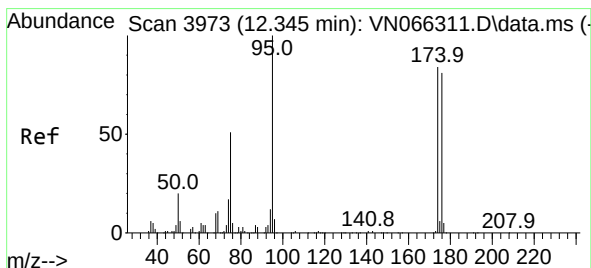
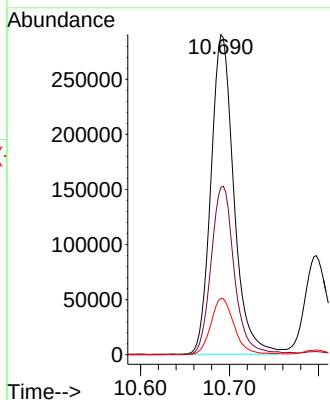
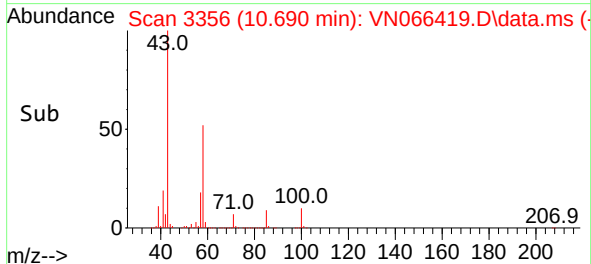
Instrument :
MSVOA_N
ClientSampleId :
VN0330WBS01



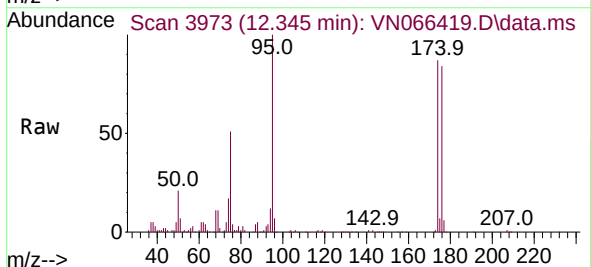
Tgt Ion: 43 Resp: 519477
Ion Ratio Lower Upper
43 100
58 53.2 41.8 62.6
57 17.6 14.9 22.3

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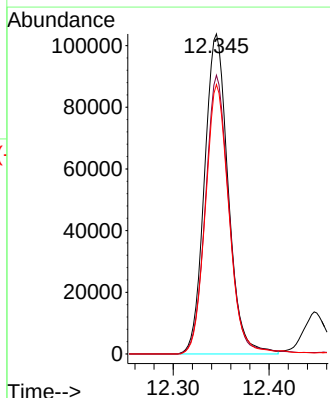
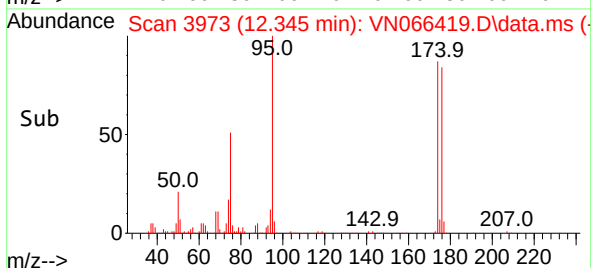
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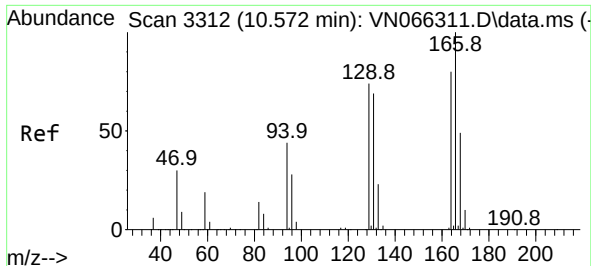


#60
4-Bromofluorobenzene
Concen: 30.00 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.000 min
Lab File: VN066419.D
Acq: 30 Mar 2021 13:43



Tgt Ion: 95 Resp: 178574
Ion Ratio Lower Upper
95 100
174 86.7 68.1 102.1
176 83.4 65.4 98.0





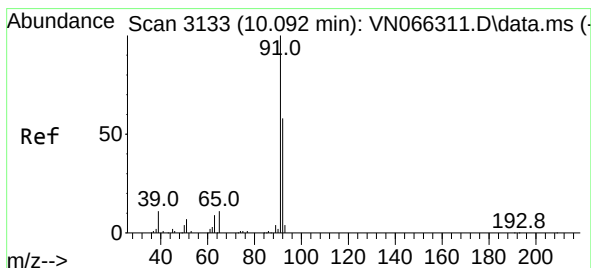
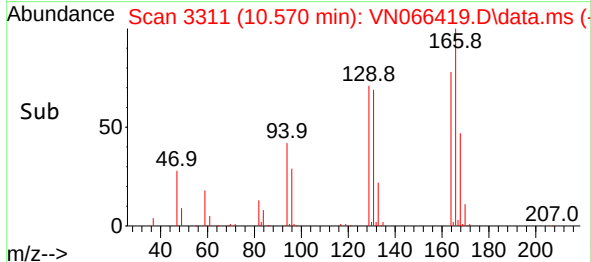
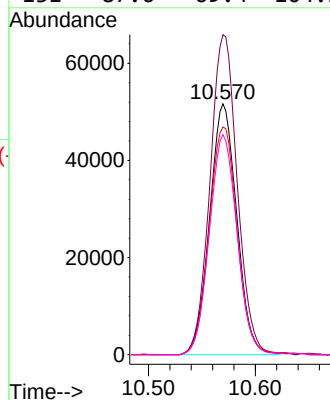
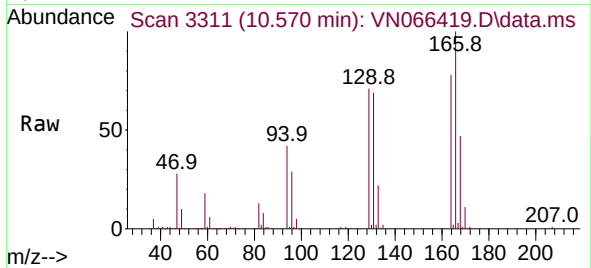
#61
Tetrachloroethene
Concen: 17.40 ug/l
RT: 10.570 min Scan# 3311
Delta R.T. -0.002 min
Lab File: VN066419.D
Acq: 30 Mar 2021 13:43

Tgt Ion:	164	Resp:	91387
Ion Ratio	Lower	Upper	
164	100		
166	127.5	100.5	150.7
129	90.7	74.7	112.1
131	87.6	69.4	104.2

Instrument :
MSVOA_N
ClientSampleId :
VN0330WBS01

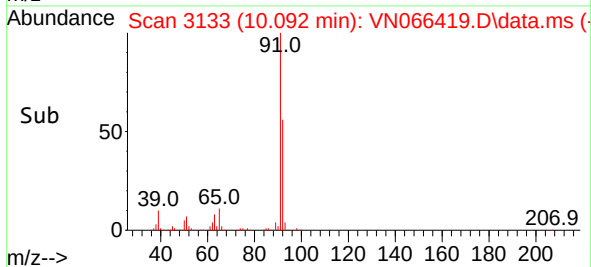
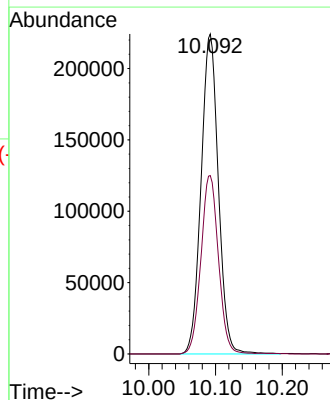
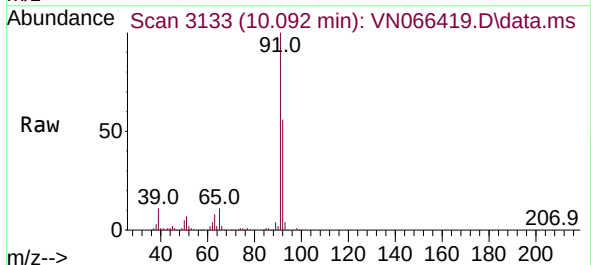
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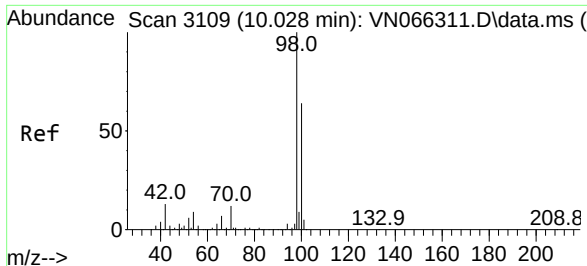
MMDadoda
3/31/2021 1:35:30 PM



#62
Toluene
Concen: 19.10 ug/l
RT: 10.092 min Scan# 3133
Delta R.T. 0.000 min
Lab File: VN066419.D
Acq: 30 Mar 2021 13:43

Tgt Ion:	91	Resp:	403319
Ion Ratio	Lower	Upper	
91	100		
92	56.4	46.2	69.2





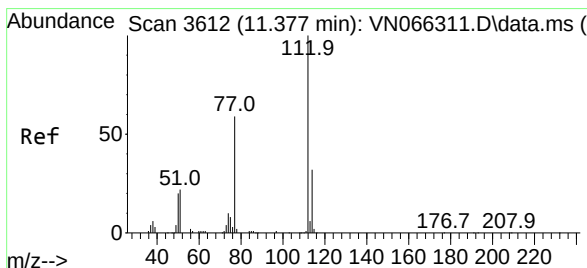
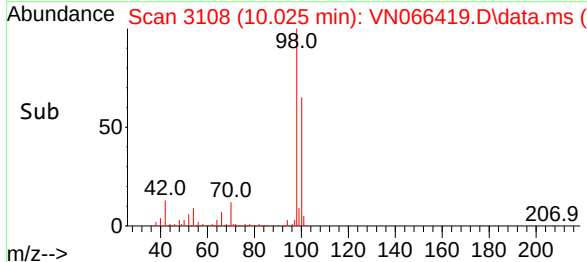
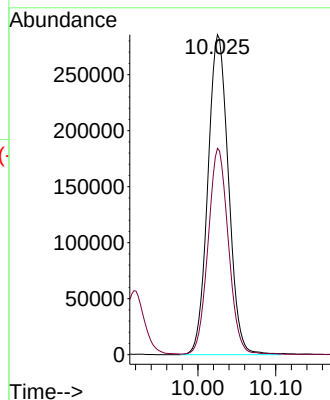
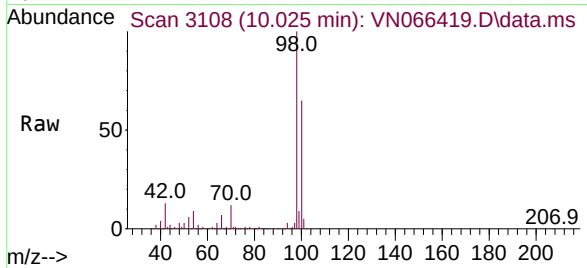
#63
Toluene-d8
Concen: 29.30 ug/l
RT: 10.025 min Scan# 3108
Delta R.T. -0.003 min
Lab File: VN066419.D
Acq: 30 Mar 2021 13:43

Tgt Ion: 98 Resp: 524523
Ion Ratio Lower Upper
98 100
100 63.0 51.1 76.7

Instrument :
MSVOA_N
ClientSampleId :
VN0330WBS01

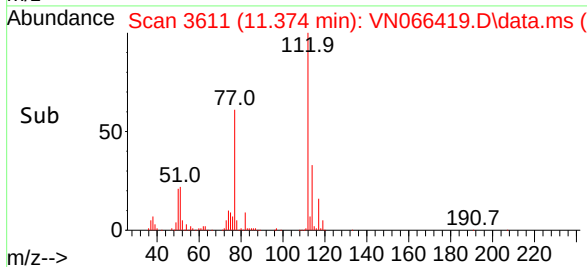
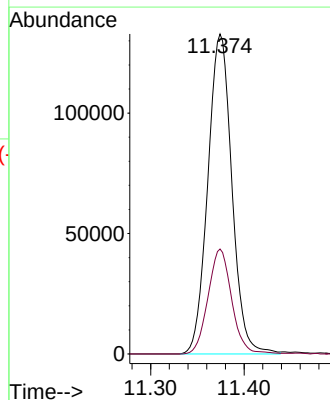
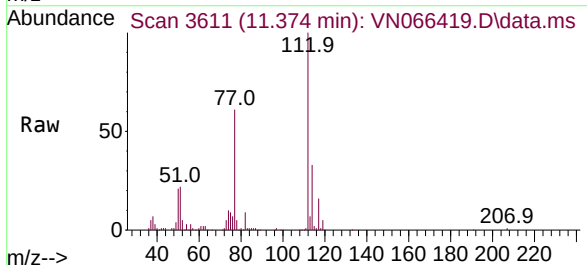
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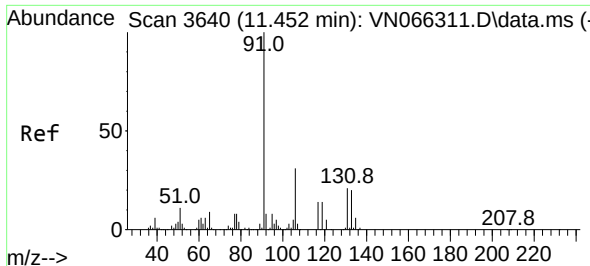
MMDadoda
3/31/2021 1:35:30 PM



#64
Chlorobenzene
Concen: 19.16 ug/l
RT: 11.374 min Scan# 3611
Delta R.T. -0.003 min
Lab File: VN066419.D
Acq: 30 Mar 2021 13:43

Tgt Ion: 112 Resp: 237785
Ion Ratio Lower Upper
112 100
114 32.8 25.6 38.4





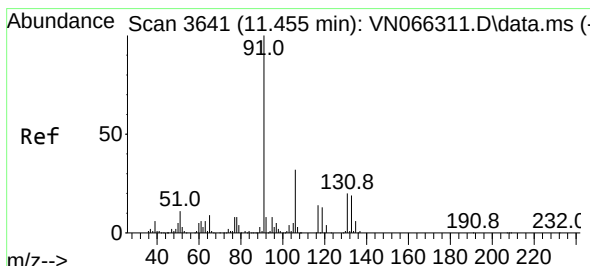
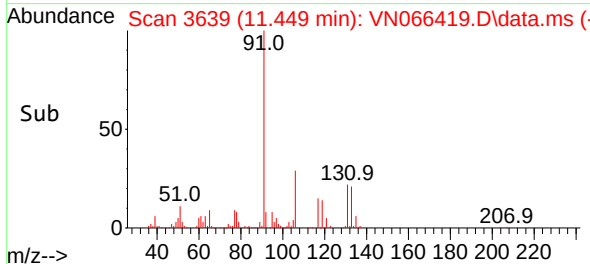
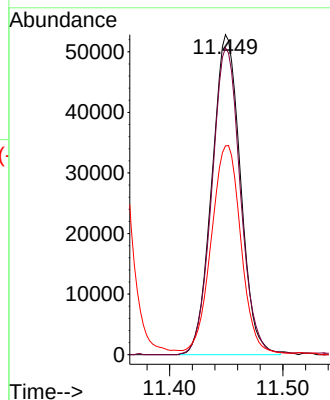
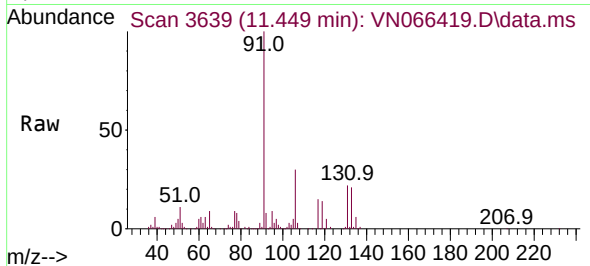
#65
1,1,1,2-Tetrachloroethane
Concen: 18.97 ug/l
RT: 11.449 min Scan# 3639
Delta R.T. -0.003 min
Lab File: VN066419.D
Acq: 30 Mar 2021 13:43

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.1	0.0	188.4
119	67.5	0.0	134.4

Instrument :
MSVOA_N
ClientSampleId :
VN0330WBS01

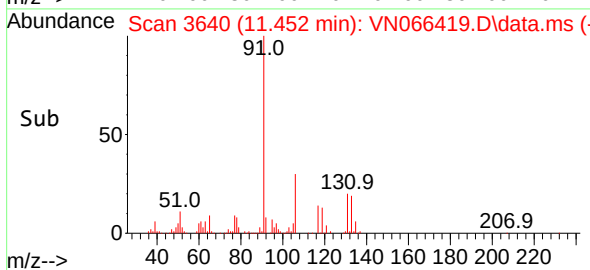
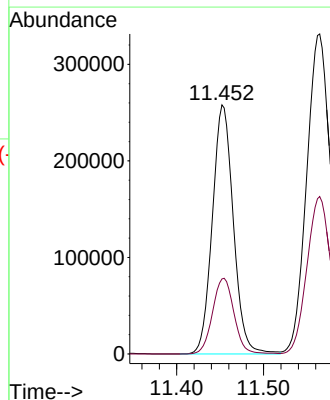
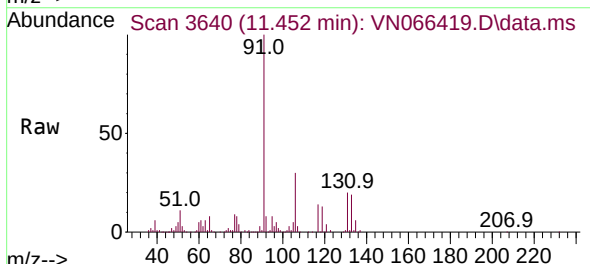
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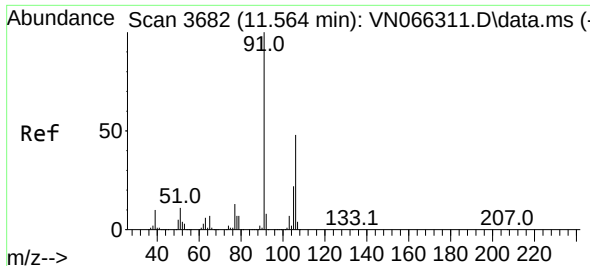
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#66
Ethyl Benzene
Concen: 19.05 ug/l
RT: 11.452 min Scan# 3640
Delta R.T. -0.003 min
Lab File: VN066419.D
Acq: 30 Mar 2021 13:43

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.1	25.5	38.3





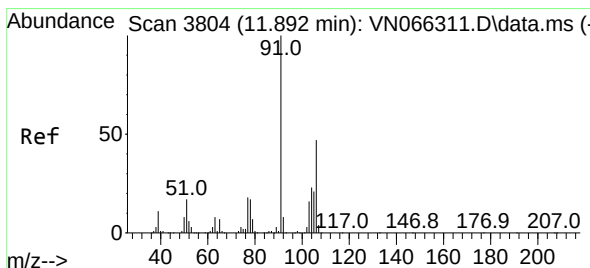
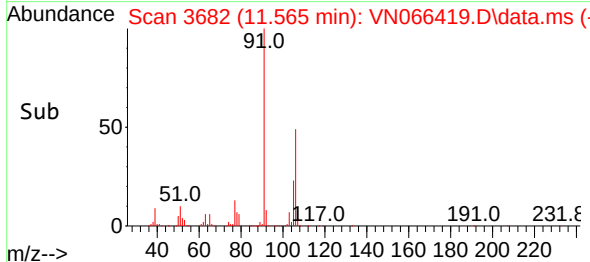
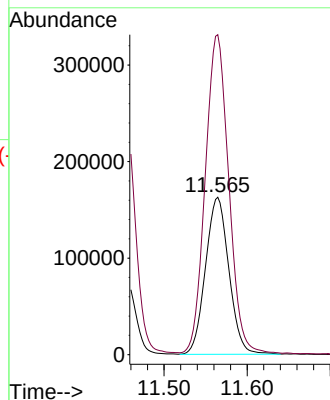
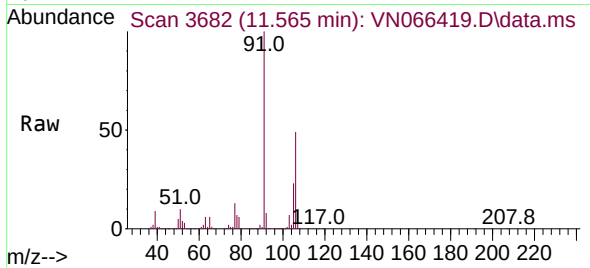
#67
m/p-Xylenes
Concen: 37.63 ug/l
RT: 11.565 min Scan# 3682
Delta R.T. 0.001 min
Lab File: VN066419.D
Acq: 30 Mar 2021 13:43

Tgt Ion:106 Resp: 318160
Ion Ratio Lower Upper
106 100
91 203.8 164.8 247.2

Instrument :
MSVOA_N
ClientSampleId :
VN0330WBS01

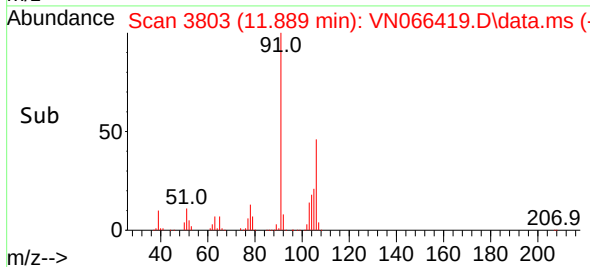
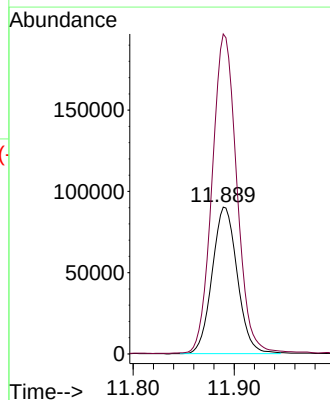
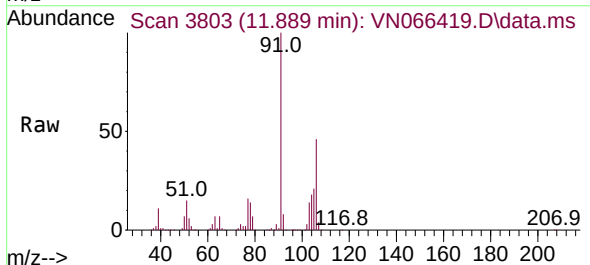
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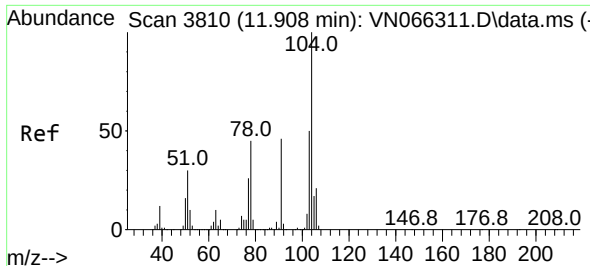
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#68
o-Xylene
Concen: 18.64 ug/l
RT: 11.889 min Scan# 3803
Delta R.T. -0.003 min
Lab File: VN066419.D
Acq: 30 Mar 2021 13:43

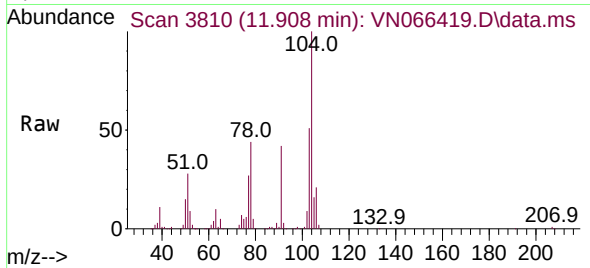
Tgt Ion:106 Resp: 155537
Ion Ratio Lower Upper
106 100
91 215.0 107.1 321.4





#69
Styrene
Concen: 18.54 ug/l
RT: 11.908 min Scan# 3810
Delta R.T. 0.000 min
Lab File: VN066419.D
Acq: 30 Mar 2021 13:43

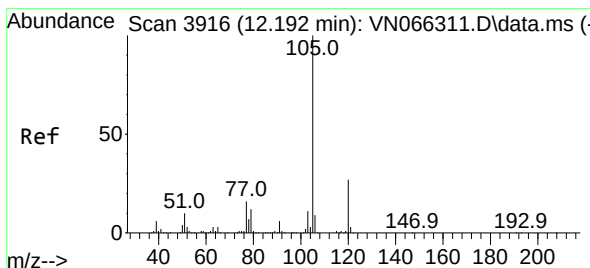
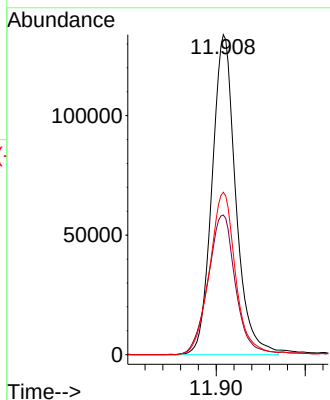
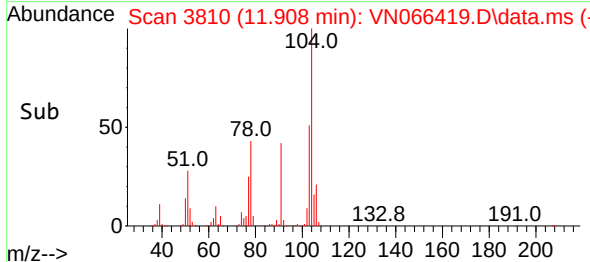
Instrument :
MSVOA_N
ClientSampleId :
VN0330WBS01



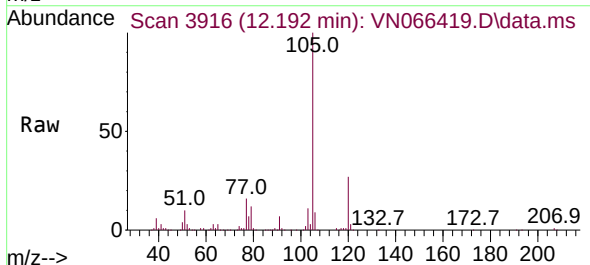
Tgt Ion:104 Resp: 247849
Ion Ratio Lower Upper
104 100
78 50.4 41.0 61.6
103 55.7 43.7 65.5

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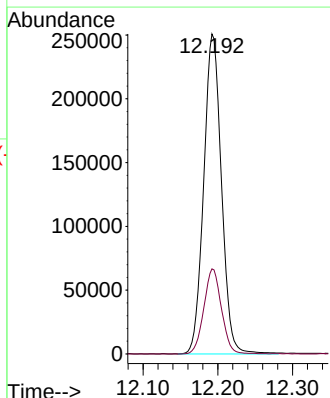
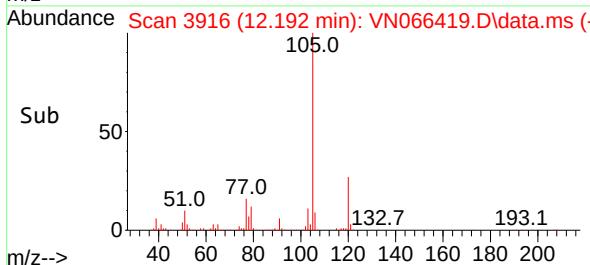
MMDadoda
3/31/2021 1:35:30 PM

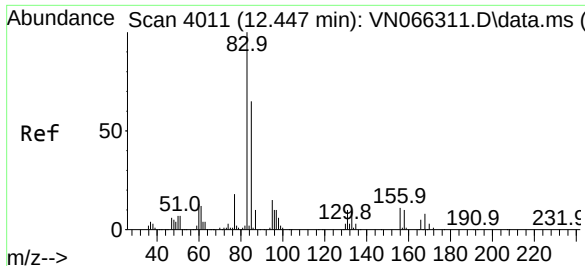


#70
Isopropylbenzene
Concen: 18.85 ug/l
RT: 12.192 min Scan# 3916
Delta R.T. 0.000 min
Lab File: VN066419.D
Acq: 30 Mar 2021 13:43



Tgt Ion:105 Resp: 413800
Ion Ratio Lower Upper
105 100
120 26.4 18.7 34.7





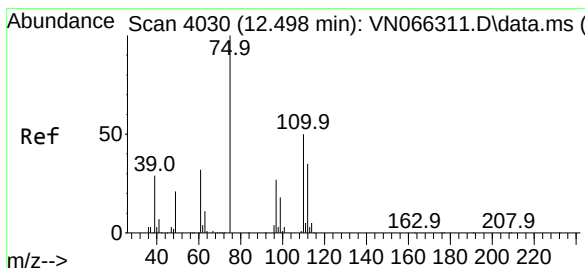
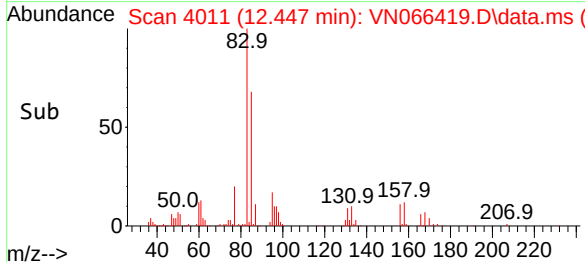
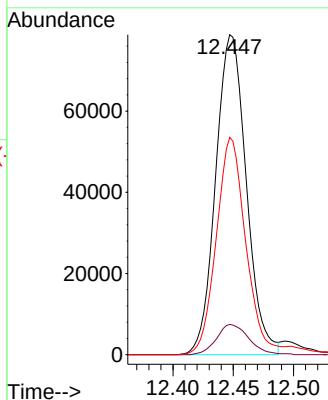
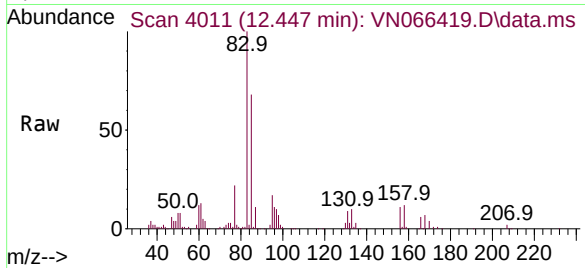
#71
1,1,2,2-Tetrachloroethane
Concen: 19.81 ug/l
RT: 12.447 min Scan# 4011
Delta R.T. 0.000 min
Lab File: VN066419.D
Acq: 30 Mar 2021 13:43

Tgt Ion: 83 Resp: 139293
Ion Ratio Lower Upper
83 100
131 9.9 4.9 14.6
85 65.5 31.4 94.2

Instrument :
MSVOA_N
ClientSampleId :
VN0330WBS01

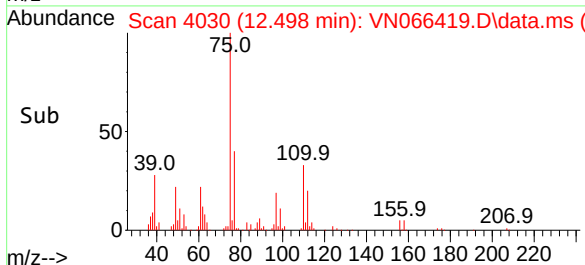
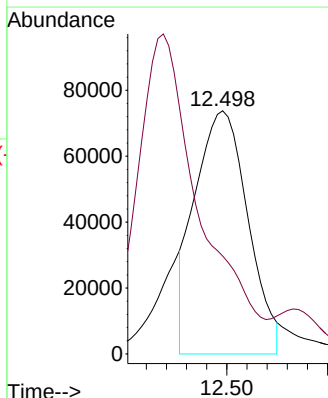
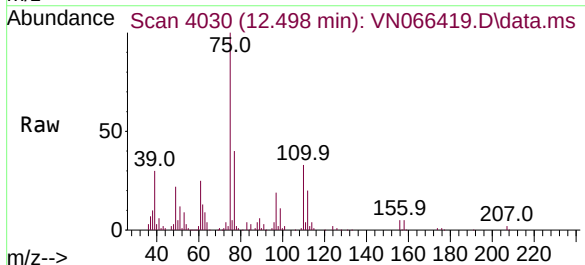
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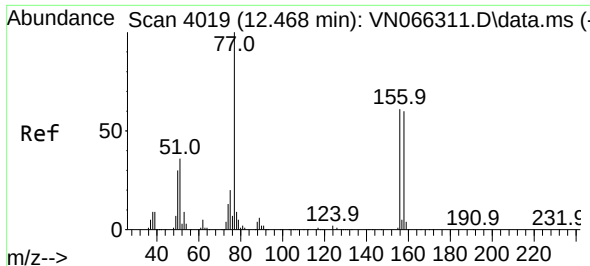
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#72
1,2,3-Trichloropropane
Concen: 19.80 ug/l m
RT: 12.498 min Scan# 4030
Delta R.T. 0.000 min
Lab File: VN066419.D
Acq: 30 Mar 2021 13:43

Tgt Ion: 75 Resp: 134388
Ion Ratio Lower Upper
75 100
77 156.1 0.0 313.6





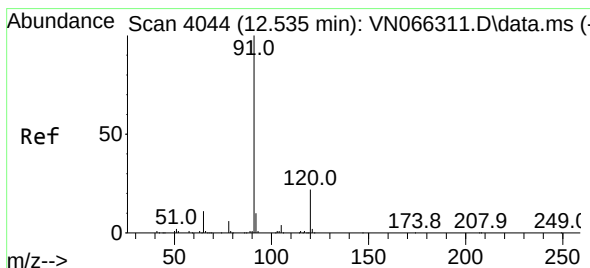
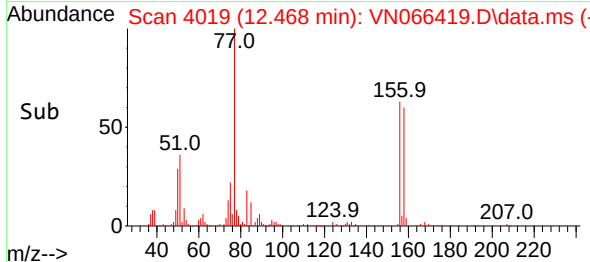
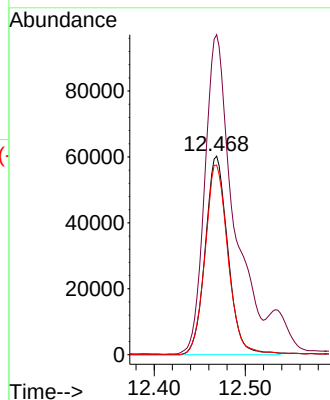
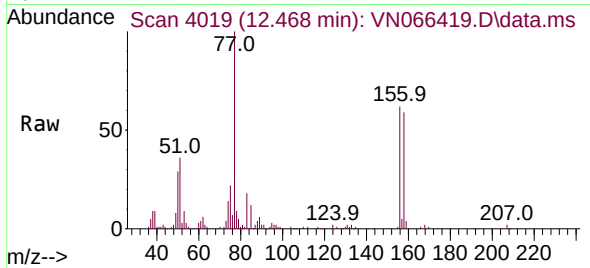
#73
Bromobenzene
Concen: 19.19 ug/l
RT: 12.468 min Scan# 4019
Delta R.T. 0.000 min
Lab File: VN066419.D
Acq: 30 Mar 2021 13:43

Tgt Ion	Ratio	Lower	Upper
156	100		
77	202.0	0.0	399.6
158	96.6	0.0	192.8

Instrument :
MSVOA_N
ClientSampleId :
VN0330WBS01

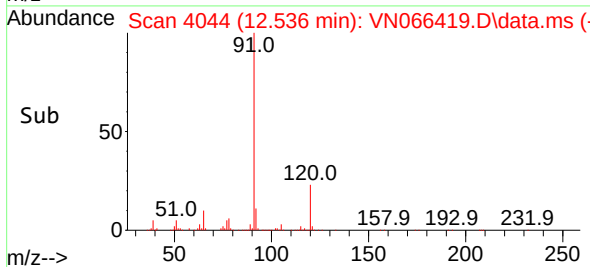
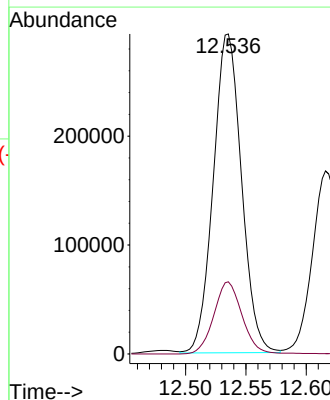
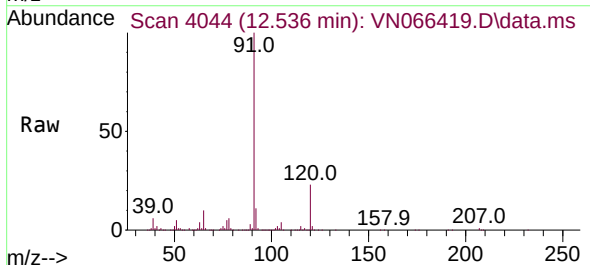
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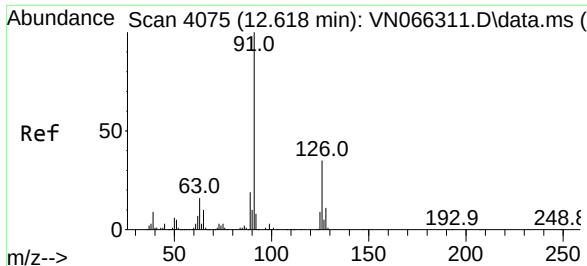
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#74
n-propylbenzene
Concen: 19.62 ug/l
RT: 12.536 min Scan# 4044
Delta R.T. 0.000 min
Lab File: VN066419.D
Acq: 30 Mar 2021 13:43

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.7	0.0	45.2





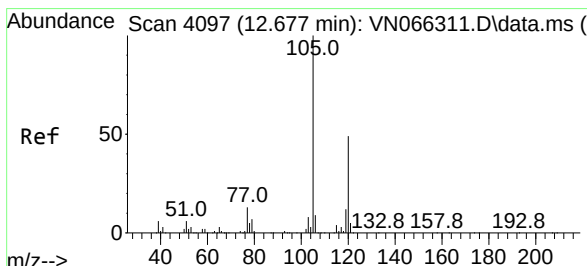
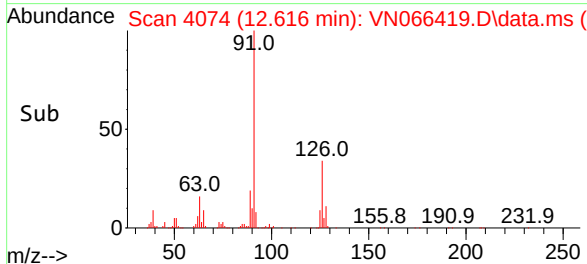
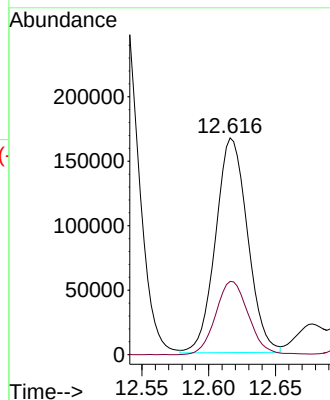
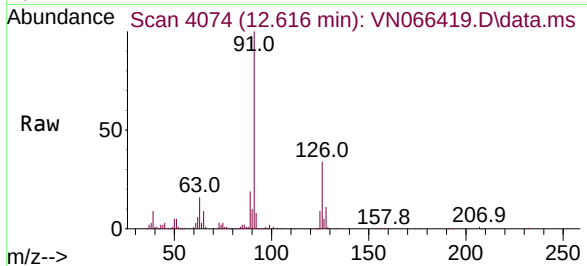
#75
2-Chlorotoluene
Concen: 18.91 ug/l
RT: 12.616 min Scan# 4074
Delta R.T. -0.003 min
Lab File: VN066419.D
Acq: 30 Mar 2021 13:43

Tgt Ion: 91 Resp: 277868
Ion Ratio Lower Upper
91 100
126 35.1 0.0 68.6

Instrument :
MSVOA_N
ClientSampleId :
VN0330WBS01

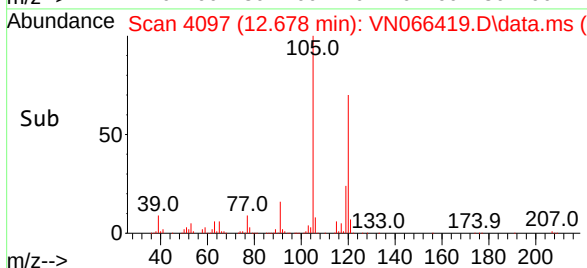
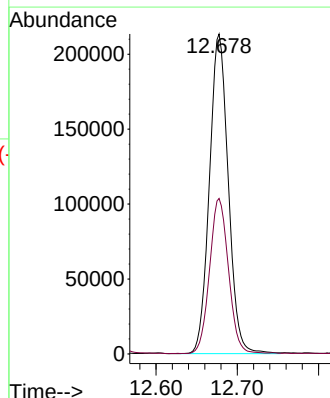
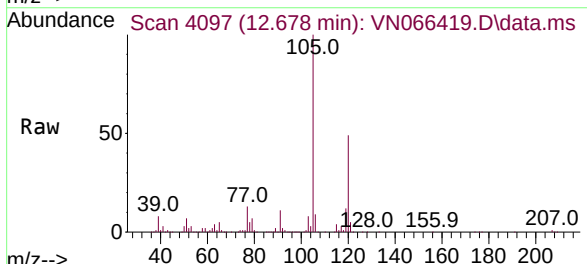
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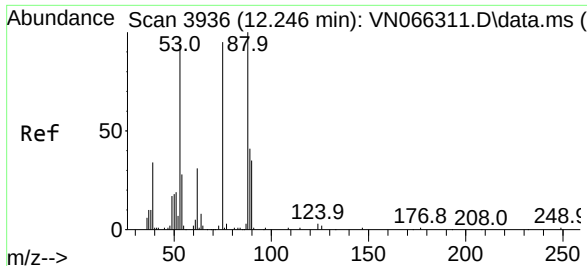
MMDadoda
3/31/2021 1:35:30 PM



#76
1,3,5-Trimethylbenzene
Concen: 19.00 ug/l
RT: 12.678 min Scan# 4097
Delta R.T. 0.000 min
Lab File: VN066419.D
Acq: 30 Mar 2021 13:43

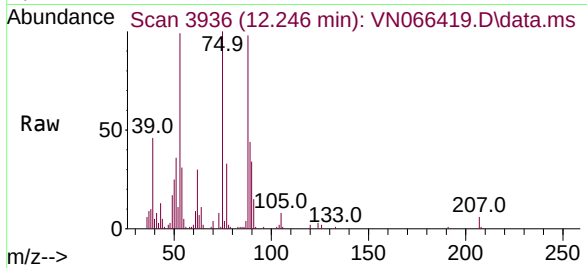
Tgt Ion: 105 Resp: 343254
Ion Ratio Lower Upper
105 100
120 48.6 0.0 98.2





#77
t-1,4-Dichloro-2-butene
Concen: 18.38 ug/l
RT: 12.246 min Scan# 3936
Delta R.T. 0.000 min
Lab File: VN066419.D
Acq: 30 Mar 2021 13:43

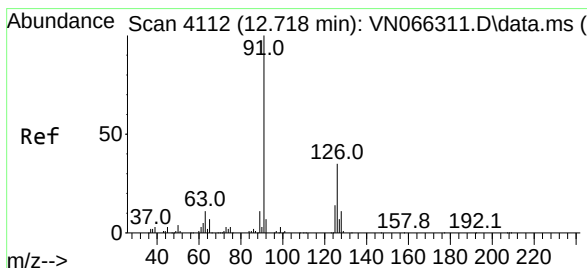
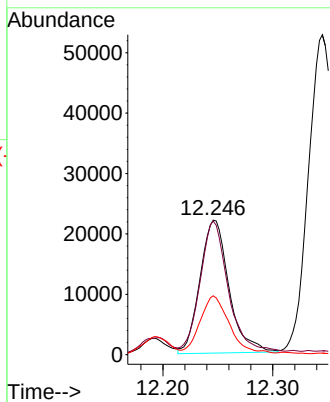
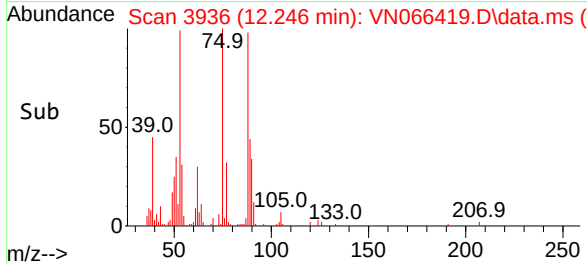
Instrument :
MSVOA_N
ClientSampleId :
VN0330WBS01



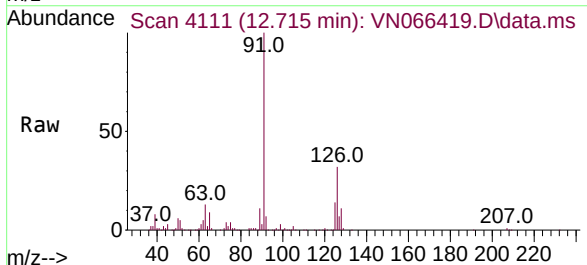
Tgt Ion	Ratio	Lower	Upper
75	100		
53	98.6	49.6	149.0
89	43.6	22.9	68.7

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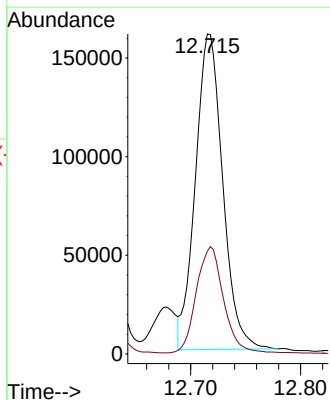
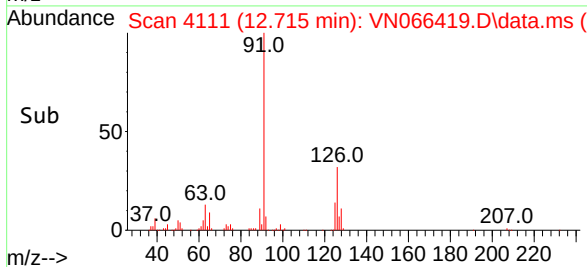
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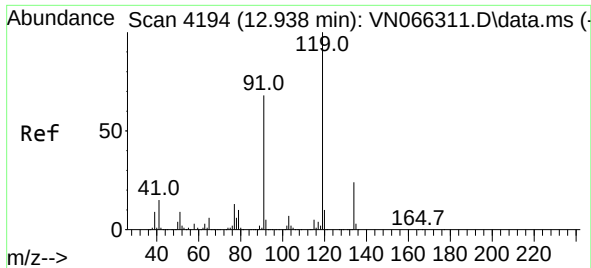


#78
4-Chlorotoluene
Concen: 19.16 ug/l
RT: 12.715 min Scan# 4111
Delta R.T. -0.003 min
Lab File: VN066419.D
Acq: 30 Mar 2021 13:43

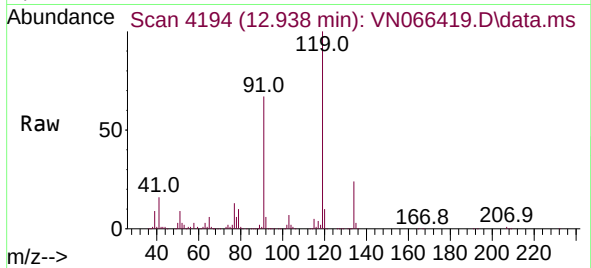


Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.8	0.0	65.4

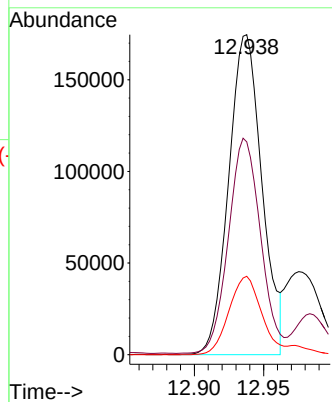
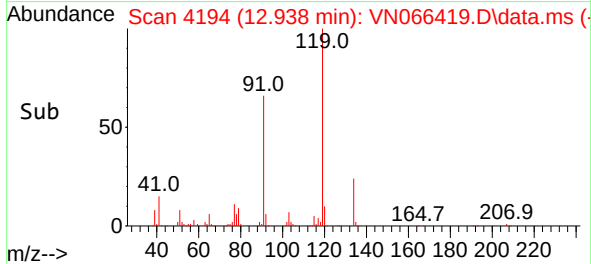




#79
tert-butylbenzene
Concen: 18.59 ug/l
RT: 12.938 min Scan# 4194
Delta R.T. 0.000 min
Lab File: VN066419.D
Acq: 30 Mar 2021 13:43



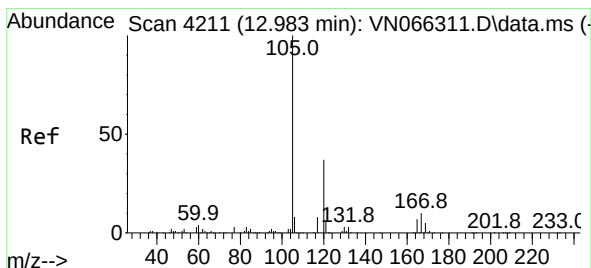
Tgt Ion:119 Resp: 291963
Ion Ratio Lower Upper
119 100
91 64.8 0.0 133.4
134 24.1 0.0 51.0



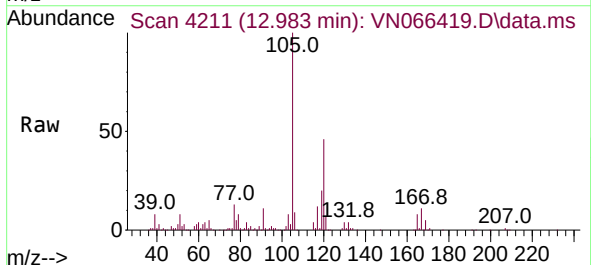
Instrument :
MSVOA_N
ClientSampleId :
VN0330WBS01

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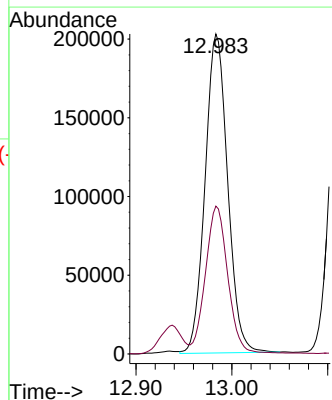
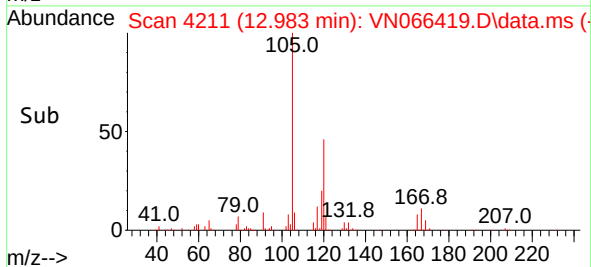
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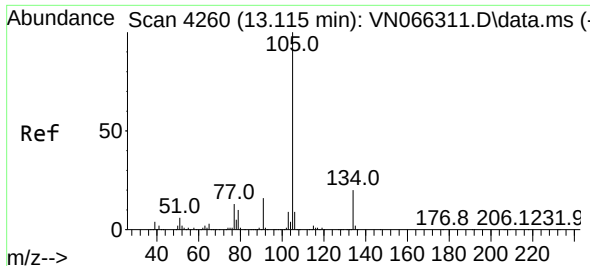


#80
1,2,4-Trimethylbenzene
Concen: 18.92 ug/l
RT: 12.983 min Scan# 4211
Delta R.T. 0.000 min
Lab File: VN066419.D
Acq: 30 Mar 2021 13:43



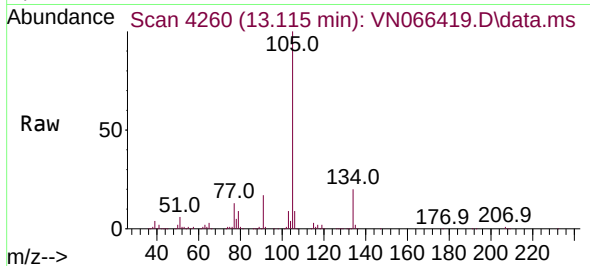
Tgt Ion:105 Resp: 331690
Ion Ratio Lower Upper
105 100
120 45.1 0.0 90.6





#81
 sec-Butylbenzene
 Concen: 19.31 ug/l
 RT: 13.115 min Scan# 4260
 Delta R.T. 0.000 min
 Lab File: VN066419.D
 Acq: 30 Mar 2021 13:43

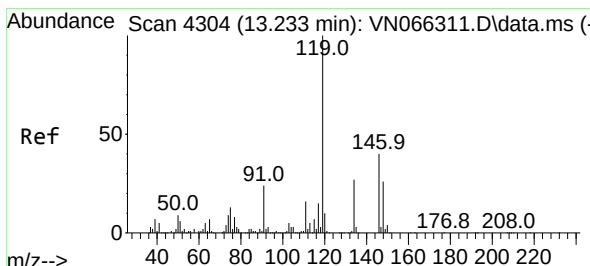
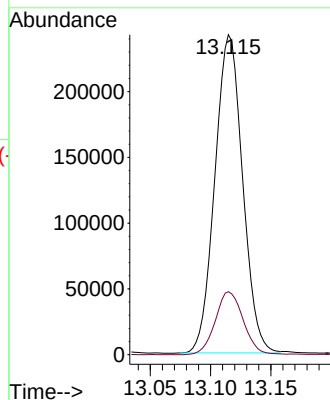
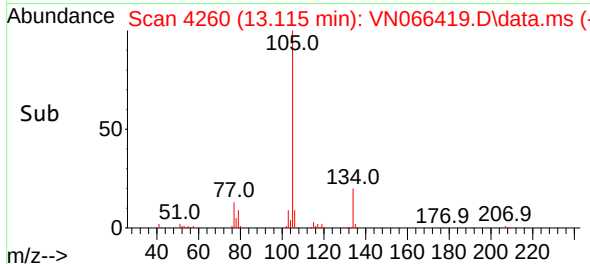
Instrument :
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 ClientSampleId :
 VN0330WBS01



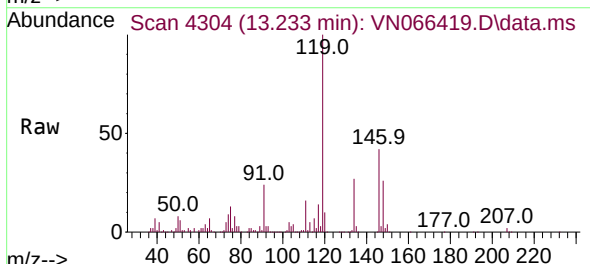
Tgt Ion:105 Resp: 387251
 Ion Ratio Lower Upper
 105 100
 134 20.0 0.0 40.0

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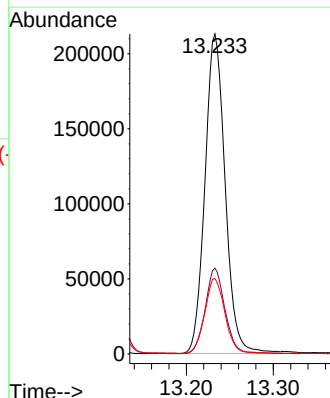
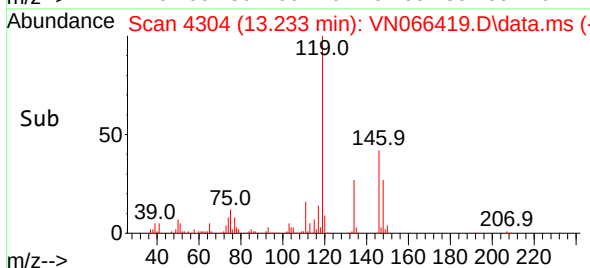
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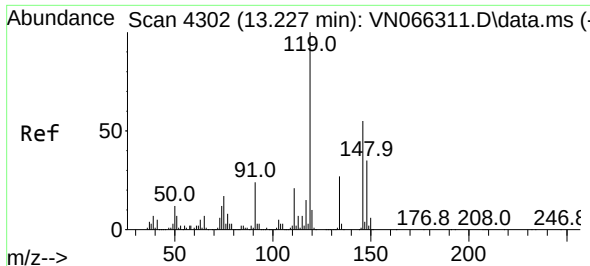


#82
 p-Isopropyltoluene
 Concen: 19.45 ug/l
 RT: 13.233 min Scan# 4304
 Delta R.T. 0.000 min
 Lab File: VN066419.D
 Acq: 30 Mar 2021 13:43

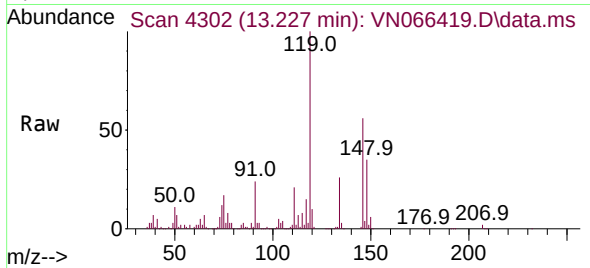


Tgt Ion:119 Resp: 343615
 Ion Ratio Lower Upper
 119 100
 134 26.0 0.0 53.4
 91 23.2 0.0 47.6

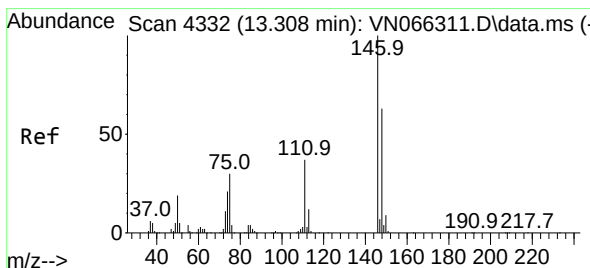
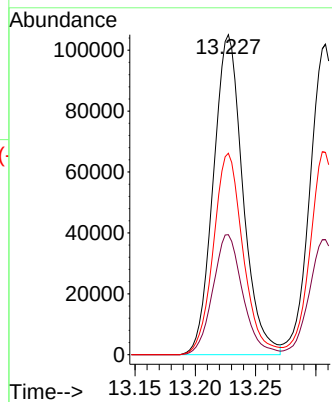
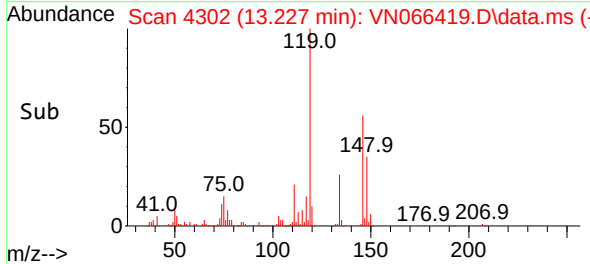




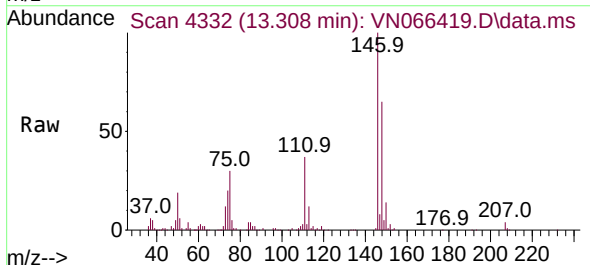
#83
1,3-Dichlorobenzene
Concen: 20.23 ug/l
RT: 13.227 min Scan# 4302
Delta R.T. 0.000 min
Lab File: VN066419.D
Acq: 30 Mar 2021 13:43



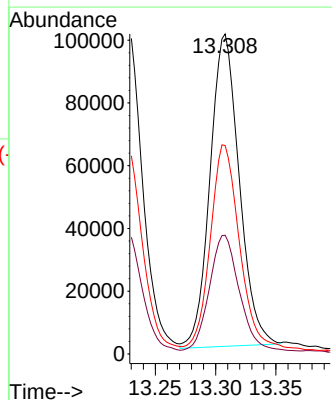
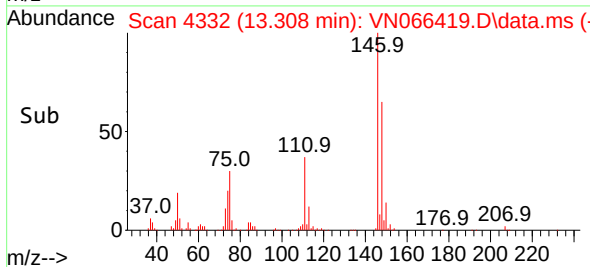
Tgt Ion:146 Resp: 179540
Ion Ratio Lower Upper
146 100
111 37.9 19.3 57.9
148 63.1 31.9 95.9



#84
1,4-Dichlorobenzene
Concen: 19.42 ug/l
RT: 13.308 min Scan# 4332
Delta R.T. 0.000 min
Lab File: VN066419.D
Acq: 30 Mar 2021 13:43



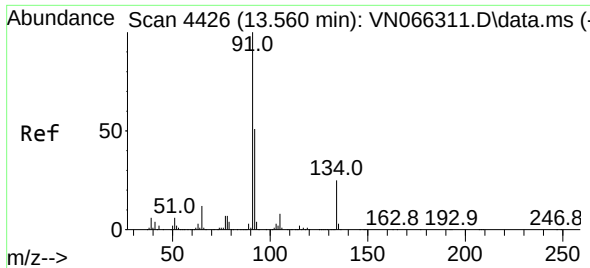
Tgt Ion:146 Resp: 167794
Ion Ratio Lower Upper
146 100
111 38.7 18.4 55.0
148 67.3 31.9 95.5



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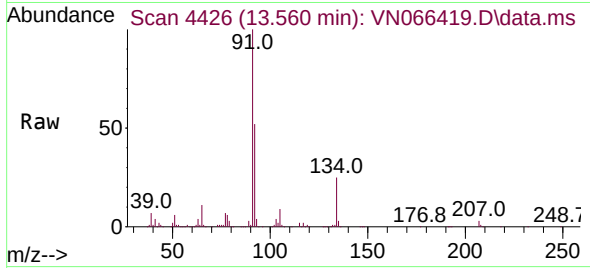
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#85
n-Butylbenzene
Concen: 19.93 ug/l
RT: 13.560 min Scan# 4426
Delta R.T. 0.000 min
Lab File: VN066419.D
Acq: 30 Mar 2021 13:43

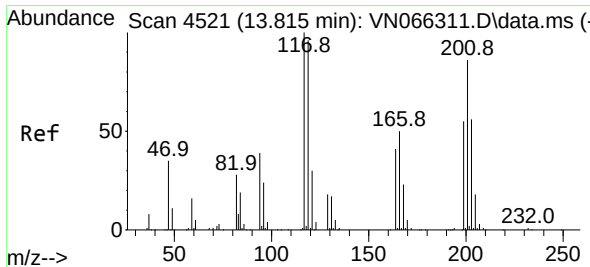
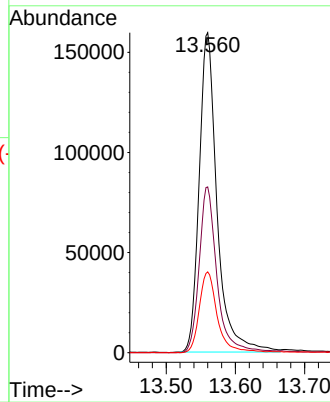
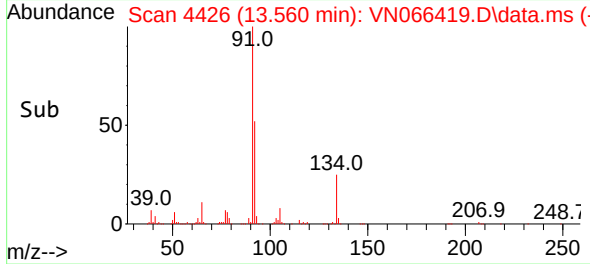
Instrument :
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ClientSampleId :
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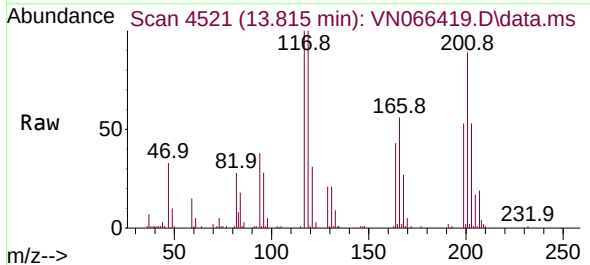
Tgt Ion: 91 Resp: 287124
Ion Ratio Lower Upper
91 100
92 51.8 0.0 102.6
134 25.5 0.0 49.0

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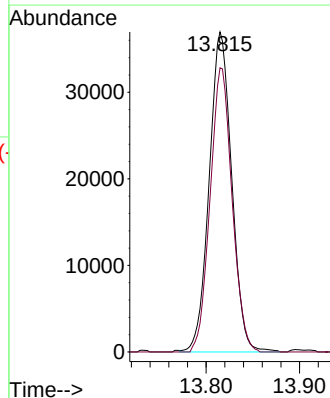
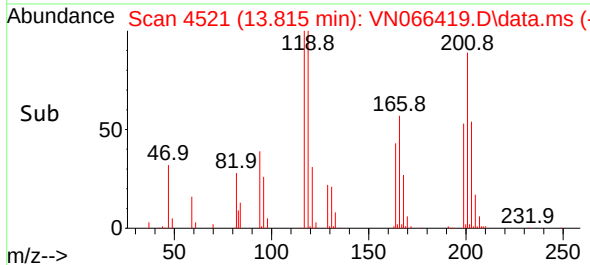
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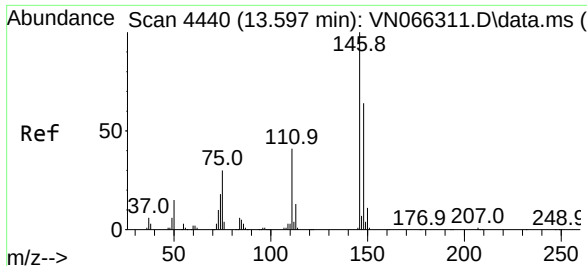


#86
Hexachloroethane
Concen: 18.99 ug/l
RT: 13.815 min Scan# 4521
Delta R.T. 0.000 min
Lab File: VN066419.D
Acq: 30 Mar 2021 13:43



Tgt Ion: 117 Resp: 61927
Ion Ratio Lower Upper
117 100
201 86.8 43.3 129.8





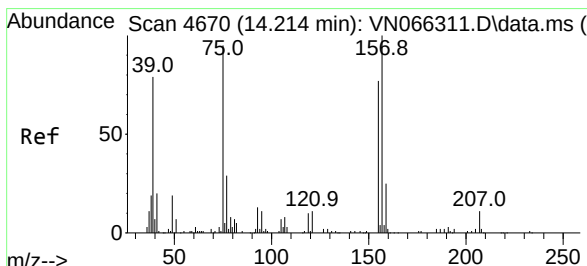
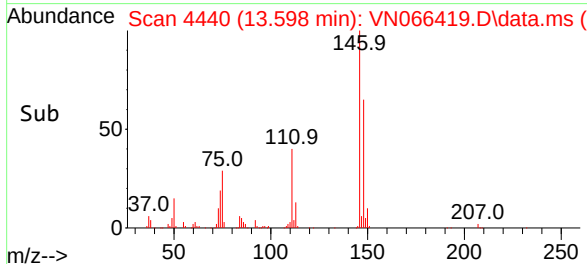
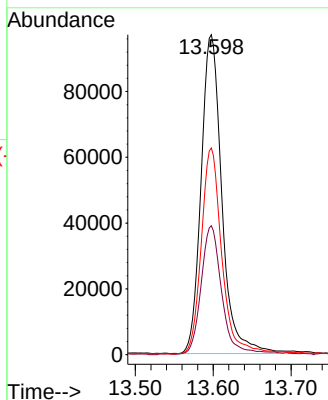
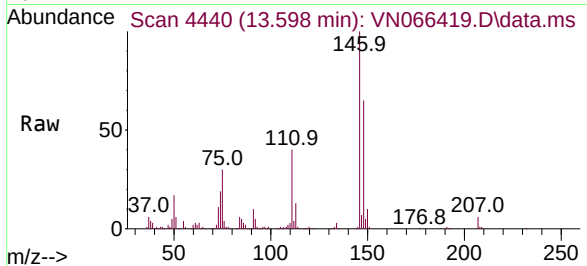
#87
1,2-Dichlorobenzene
Concen: 20.49 ug/l
RT: 13.598 min Scan# 4440
Delta R.T. 0.000 min
Lab File: VN066419.D
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Tgt Ion: 146 Resp: 179881
Ion Ratio Lower Upper
146 100
111 39.2 20.3 60.9
148 63.6 32.0 96.0

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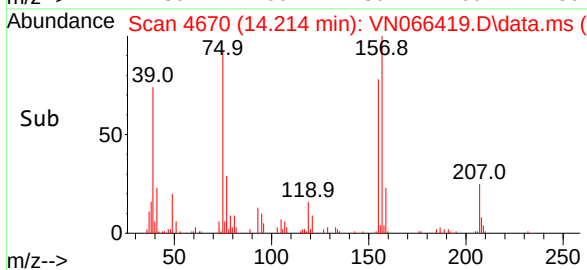
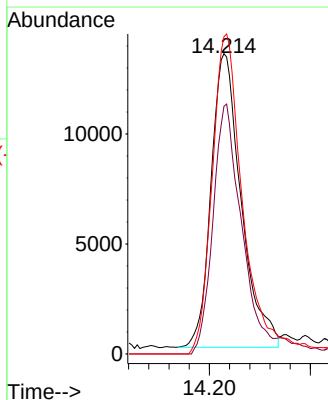
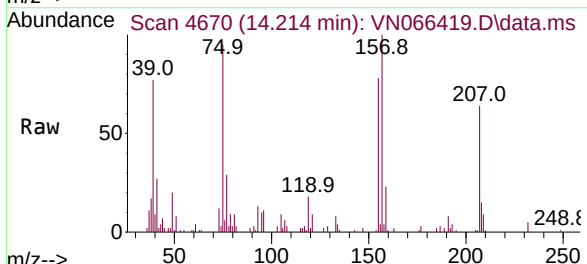
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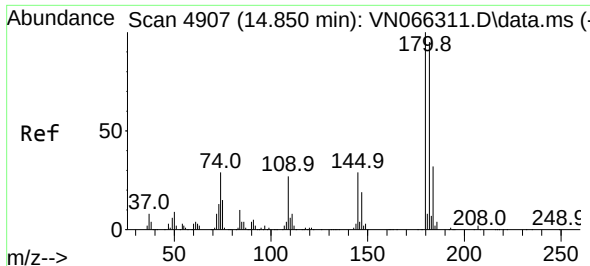
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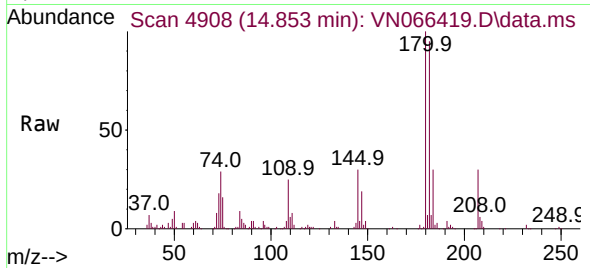
#88
1,2-Dibromo-3-Chloropropane
Concen: 19.26 ug/l
RT: 14.214 min Scan# 4670
Delta R.T. 0.000 min
Lab File: VN066419.D
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Tgt Ion: 75 Resp: 27625
Ion Ratio Lower Upper
75 100
155 80.4 68.3 102.5
157 109.4 87.8 131.6

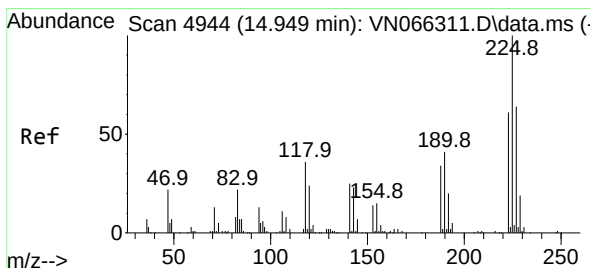
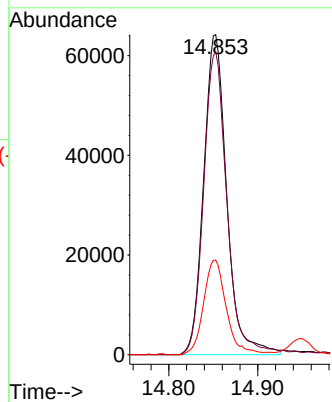
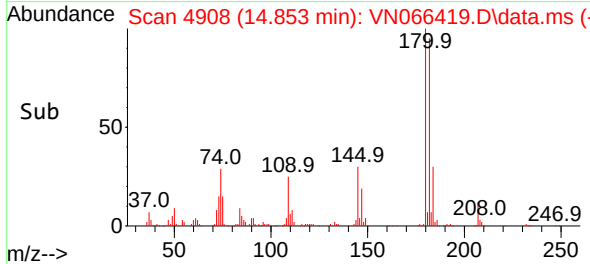




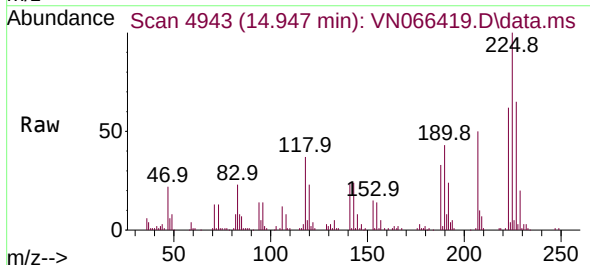
#89
1,2,4-Trichlorobenzene
Concen: 20.65 ug/l
RT: 14.853 min Scan# 4908
Delta R.T. 0.003 min
Lab File: VN066419.D
Acq: 30 Mar 2021 13:43



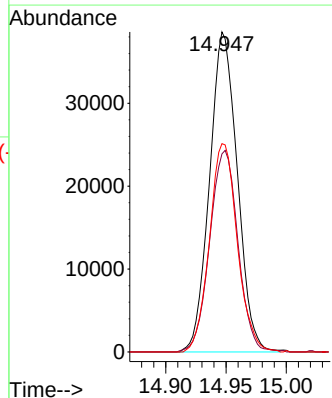
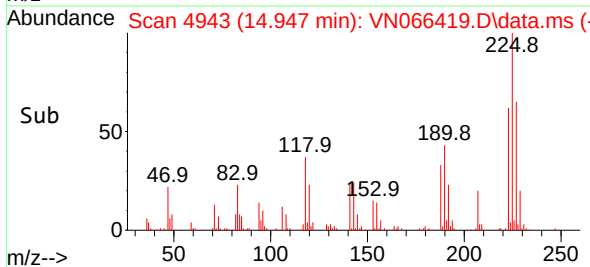
Tgt Ion:180 Resp: 115717
Ion Ratio Lower Upper
180 100
182 94.6 74.3 111.5
145 29.0 23.4 35.0



#90
Hexachlorobutadiene
Concen: 20.36 ug/l
RT: 14.947 min Scan# 4943
Delta R.T. -0.003 min
Lab File: VN066419.D
Acq: 30 Mar 2021 13:43



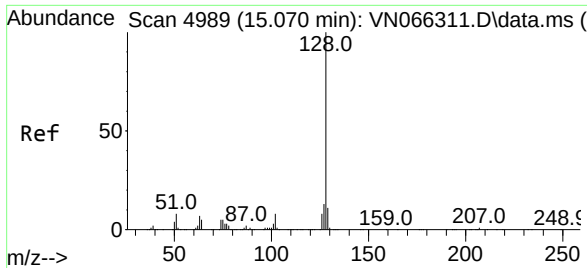
Tgt Ion:225 Resp: 61823
Ion Ratio Lower Upper
225 100
223 64.0 0.0 124.6
227 65.4 0.0 126.6



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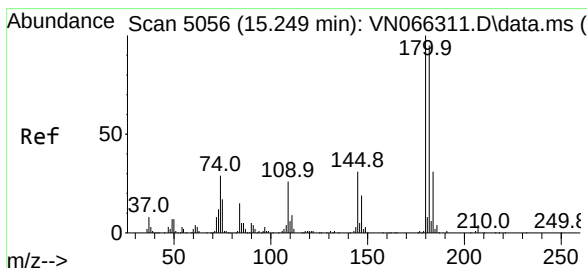
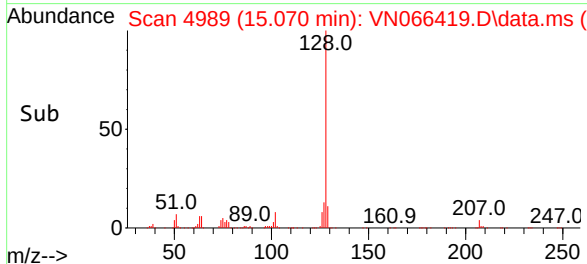
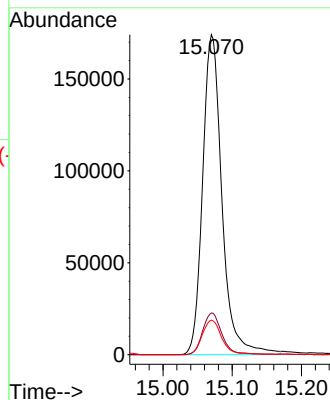
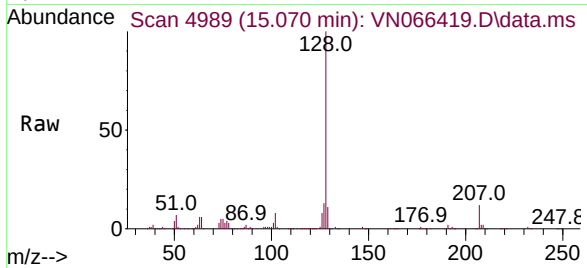
#91
Naphthalene
Concen: 19.84 ug/l
RT: 15.070 min Scan# 4989
Delta R.T. 0.000 min
Lab File: VN066419.D
Acq: 30 Mar 2021 13:43

Tgt Ion:128 Resp: 338354
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 10.6 8.6 13.0

Instrument :
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ClientSampleId :
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#92
1,2,3-Trichlorobenzene
Concen: 20.65 ug/l
RT: 15.250 min Scan# 5056
Delta R.T. 0.000 min
Lab File: VN066419.D
Acq: 30 Mar 2021 13:43

Tgt Ion:180 Resp: 113281
Ion Ratio Lower Upper
180 100
182 92.8 0.0 190.0
145 30.9 0.0 60.8

