

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022621\
 Data File : VN066065.D
 Acq On : 26 Feb 2021 20:39
 Operator : JC/MD
 Sample : M1508-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRE-1159-1160

Quant Time: Feb 26 23:38:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 17 15:48:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.627	168	115573	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	189432	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	175836	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	83365	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	78075	48.31	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.62%
35) Dibromofluoromethane	7.550	113	56960	48.58	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.16%
50) Toluene-d8	10.058	98	229305	47.65	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.30%
62) 4-Bromofluorobenzene	12.373	95	90539	50.12	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	100.24%

Target Compounds						Qvalue
3) Chloromethane	2.058	50	658	0.35	ug/l #	42
11) Tert butyl alcohol	4.740	59	4261	18.96	ug/l #	73
13) Acrolein	3.547	56	8279	40.26	ug/l #	1
14) Allyl chloride	4.393	41	10861	4.90	ug/l #	24
15) Acrylonitrile	5.016	53	951	1.53	ug/l #	34
16) Acetone	3.788	43	17052	32.19	ug/l	97
18) Methyl Acetate	4.306	43	2428	1.82	ug/l #	67
19) Methyl tert-butyl Ether	4.991	73	1521	0.36	ug/l #	1
20) Methylene Chloride	4.399	84	510	0.34	ug/l #	1
22) Diisopropyl ether	5.917	45	5974	1.35	ug/l #	83
23) Vinyl Acetate	5.804	43	891	0.26	ug/l #	71
24) 1,1-Dichloroethane	5.897	63	533	0.21	ug/l #	82
25) 2-Butanone	6.795	43	5171	6.46	ug/l	89
26) 2,2-Dichloropropane	6.592	77	668	0.33	ug/l #	51
28) Bromochloromethane	7.357	49	778	0.66	ug/l #	9
29) Tetrahydrofuran	7.168	42	624	1.13	ug/l #	32
30) Chloroform	7.351	83	2692	1.06	ug/l #	41
31) Cyclohexane	7.618	56	125758	52.19	ug/l	99
36) 1,1-Dichloropropene	7.627	75	9235	4.94	ug/l #	48
37) Ethyl Acetate	6.891	43	3003	1.78	ug/l #	82
38) Carbon Tetrachloride	7.627	117	12067	6.95	ug/l #	17
39) Methylcyclohexane	9.045	83	98958	47.15	ug/l	97
40) Benzene	8.007	78	2233580	389.74	ug/l	99
41) Methacrylonitrile	7.158	41	674	0.83	ug/l #	100
42) 1,2-Dichloroethane	8.007	62	20382	10.82	ug/l #	74
43) Isopropyl Acetate	8.113	43	4498	1.67	ug/l #	53
45) 1,2-Dichloropropane	9.048	63	937	0.64	ug/l #	1
47) Bromodichloromethane	9.360	83	966	0.53	ug/l #	25
48) Methyl methacrylate	9.113	41	3690	2.71	ug/l #	34
49) 1,4-Dioxane	9.161	88	958	41.28	ug/l #	61
51) 4-Methyl-2-Pentanone	10.048	43	3526	2.16	ug/l #	71
52) Toluene	10.126	92	3967398	1127.24	ug/l	82
53) t-1,3-Dichloropropene	10.126	75	51796	24.08	ug/l #	1
55) 1,1,2-Trichloroethane	10.499	97	7767	5.90	ug/l #	20
56) Ethyl methacrylate	10.399	69	1747	0.88	ug/l #	34
58) 2-Chloroethyl Vinyl ether	9.643	63	490	0.52	ug/l #	47

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Instrument :
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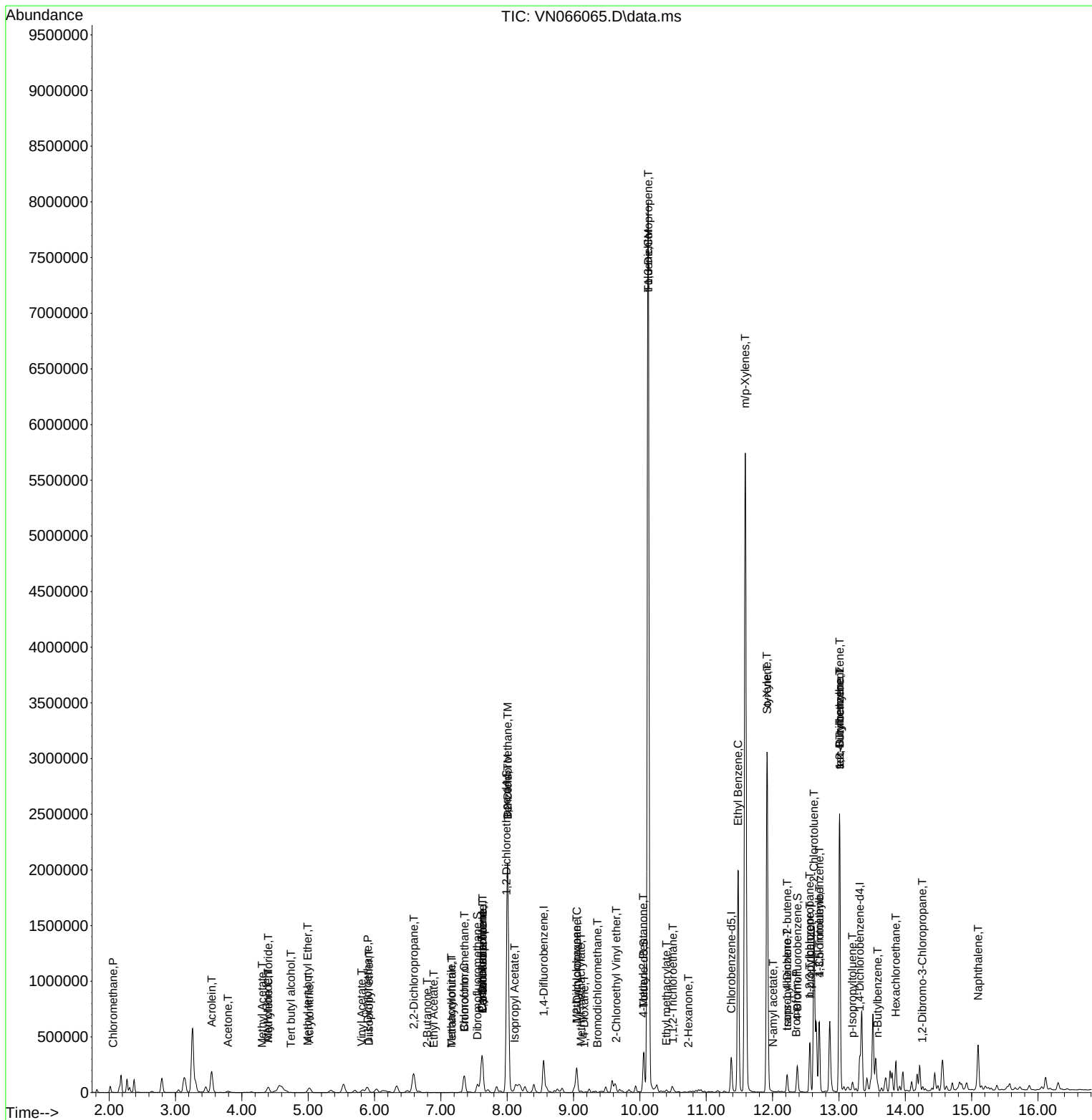
Quant Time: Feb 26 23:38:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 17 15:48:13 2021
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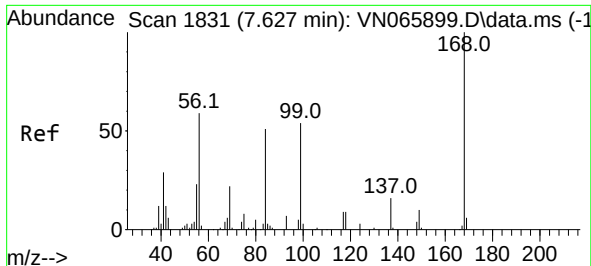
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

59) 2-Hexanone	10.730	43	303	0.26	ug/l #	50
67) Ethyl Benzene	11.479	91	1493123	224.35	ug/l	99
68) m/p-Xylenes	11.589	106	1929271	776.86	ug/l	99
69) o-Xylene	11.916	106	873113	364.63	ug/l	97
70) Styrene	11.920	104	49591	12.58	ug/l #	1
71) Bromoform	12.357	173	35	2.53	ug/l #	1
73) Isopropylbenzene	12.219	105	105953	15.57	ug/l	99
74) N-amyl acetate	12.010	43	542	0.23	ug/l #	42
76) 1,2,3-Trichloropropane	12.560	75	2836	1.42	ug/l #	100
78) n-propylbenzene	12.563	91	358350	46.31	ug/l	100
79) 2-Chlorotoluene	12.624	91	110802	22.85	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.704	105	354045	61.25	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.219	75	1504	2.39	ug/l #	69
82) 4-Chlorotoluene	12.704	91	37157	7.59	ug/l #	40
83) tert-Butylbenzene	13.010	119	177117	37.09	ug/l #	66
84) 1,2,4-Trimethylbenzene	13.010	105	1456618	251.04	ug/l	100
85) sec-Butylbenzene	13.010	105	1456618	234.92	ug/l #	56
86) p-Isopropyltoluene	13.203	119	42884	7.62	ug/l	96
89) n-Butylbenzene	13.582	91	31919	6.72	ug/l #	70
90) Hexachloroethane	13.859	117	13917	14.60	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	14.257	75	82	1.05	ug/l #	1
95) Naphthalene	15.096	128	350223	71.06	ug/l	98

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

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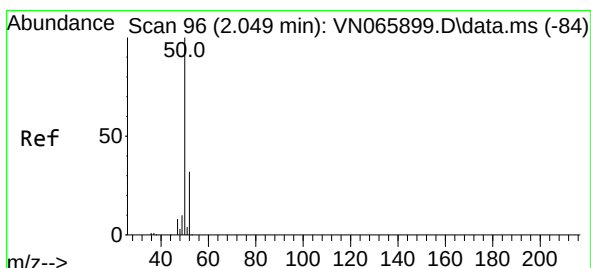
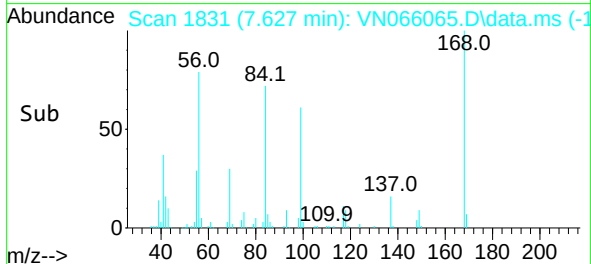
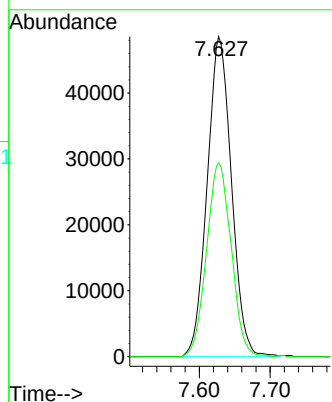
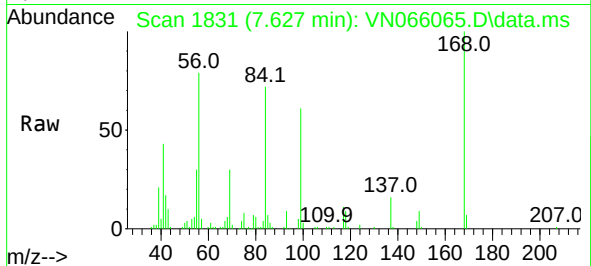




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN066065.D
Acq: 26 Feb 2021 20:39

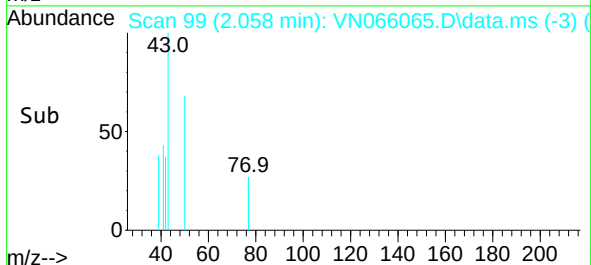
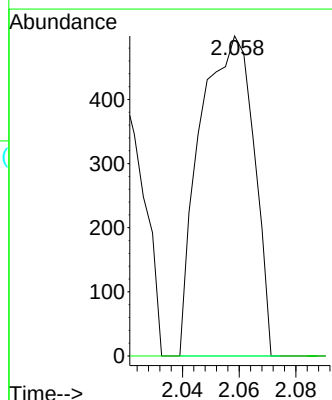
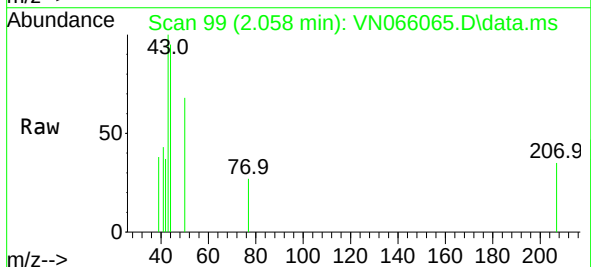
Instrument :
MSVOA_N
ClientSampleId :
TRE-1159-1160

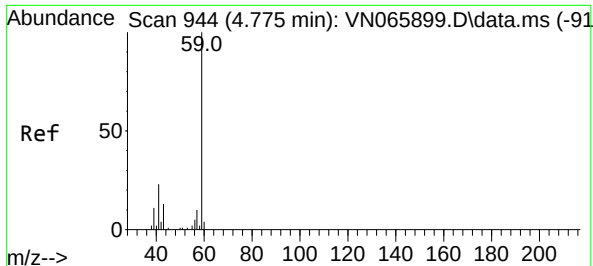
Tgt Ion:168 Resp: 115573
Ion Ratio Lower Upper
168 100
99 60.6 42.6 63.8



#3
Chloromethane
Concen: 0.35 ug/l
RT: 2.058 min Scan# 99
Delta R.T. 0.009 min
Lab File: VN066065.D
Acq: 26 Feb 2021 20:39

Tgt Ion: 50 Resp: 658
Ion Ratio Lower Upper
50 100
52 0.0 25.8 38.8#



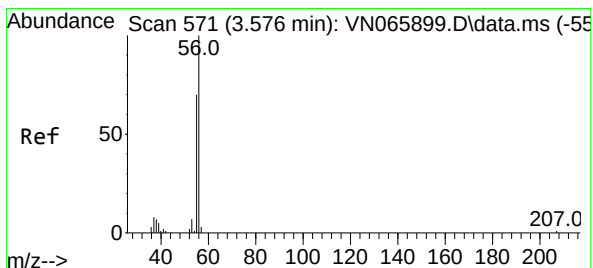
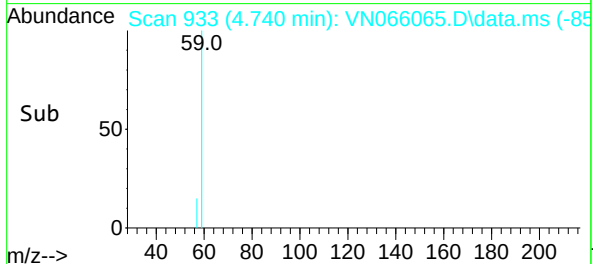
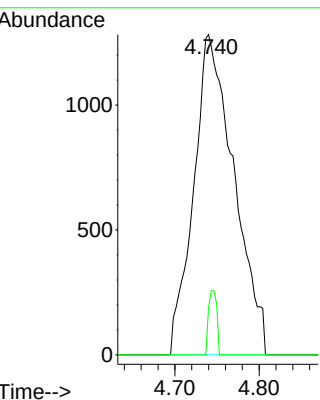
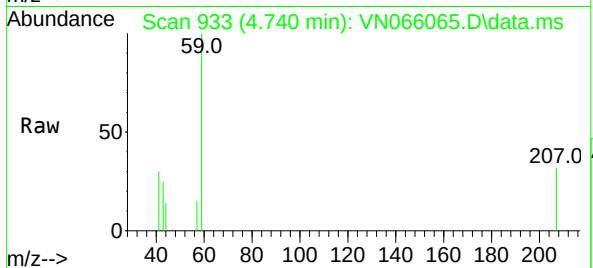


#11

Tert butyl alcohol
Concen: 18.96 ug/l
RT: 4.740 min Scan# 933
Delta R.T. -0.035 min
Lab File: VN066065.D
Acq: 26 Feb 2021 20:39

Instrument :
MSVOA_N
ClientSampleId :
TRE-1159-1160

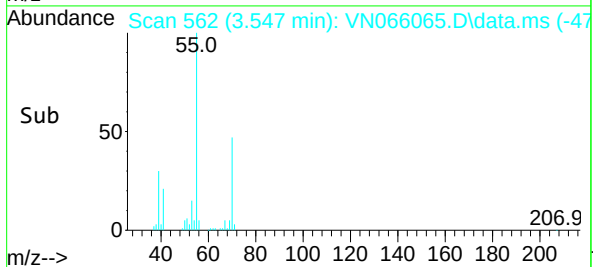
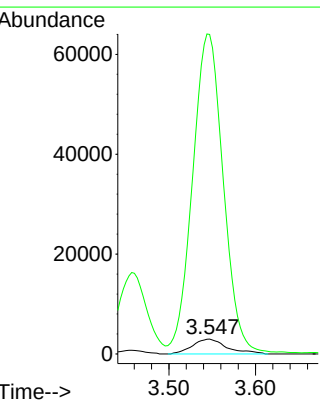
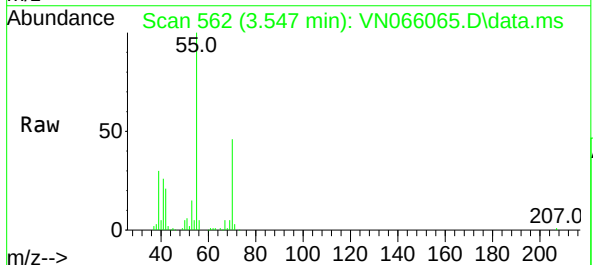
Tgt Ion: 59 Resp: 4261
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

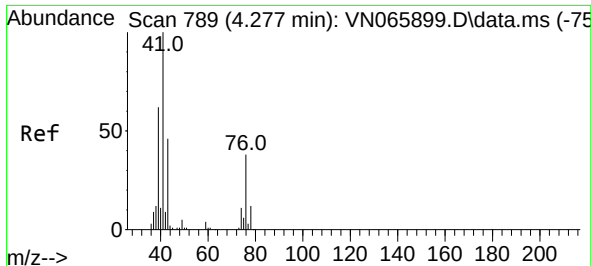


#13

Acrolein
Concen: 40.26 ug/l
RT: 3.547 min Scan# 562
Delta R.T. -0.029 min
Lab File: VN066065.D
Acq: 26 Feb 2021 20:39

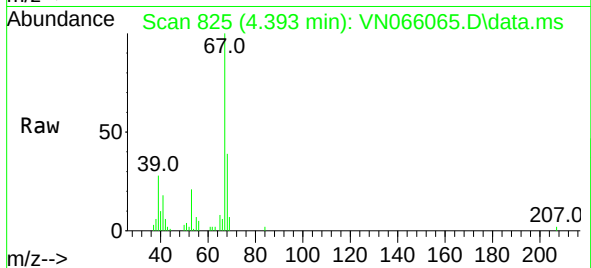
Tgt Ion: 56 Resp: 8279
Ion Ratio Lower Upper
56 100
55 1889.4 56.0 84.0#



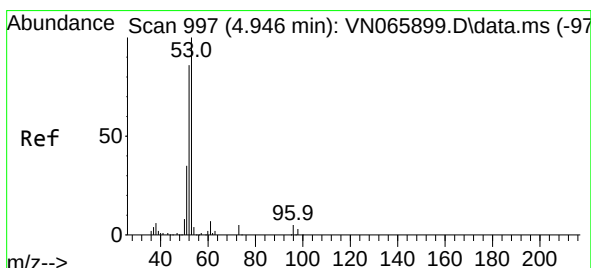
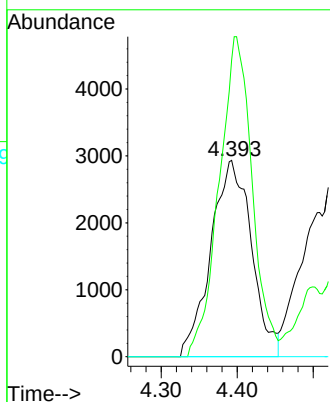
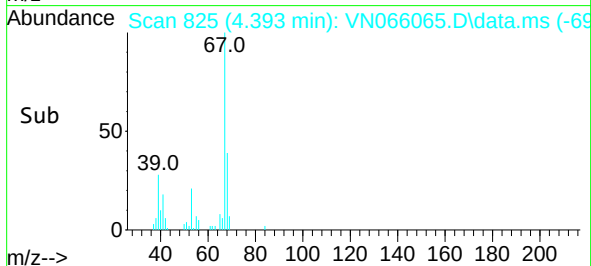


#14
 Allyl chloride
 Concen: 4.90 ug/l
 RT: 4.393 min Scan# 825
 Delta R.T. 0.116 min
 Lab File: VN066065.D
 Acq: 26 Feb 2021 20:39

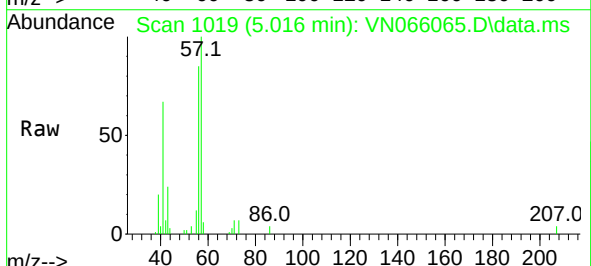
Instrument :
 MSVOA_N
 ClientSampleId :
 TRE-1159-1160



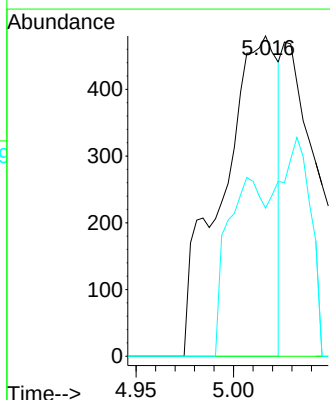
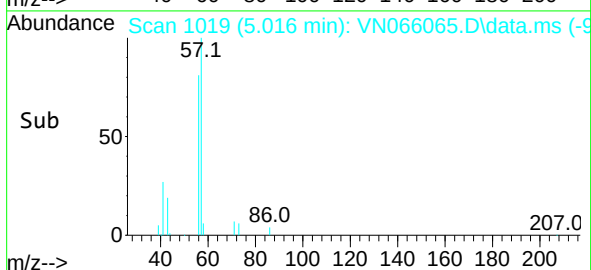
Tgt Ion:	41	Resp:	10861
Ion Ratio	Lower	Upper	
41	100		
39	133.0	53.0	79.4#
76	0.0	28.9	43.3#

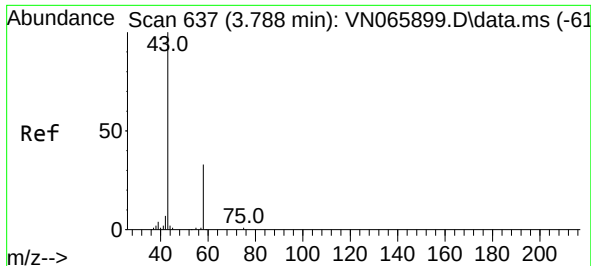


#15
 Acrylonitrile
 Concen: 1.53 ug/l
 RT: 5.016 min Scan# 1019
 Delta R.T. 0.070 min
 Lab File: VN066065.D
 Acq: 26 Feb 2021 20:39



Tgt Ion:	53	Resp:	951
Ion Ratio	Lower	Upper	
53	100		
52	0.0	66.1	99.1#
51	37.2	27.9	41.9

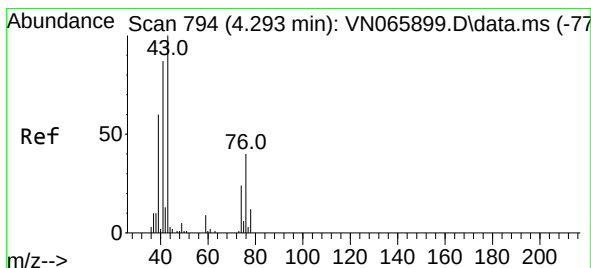
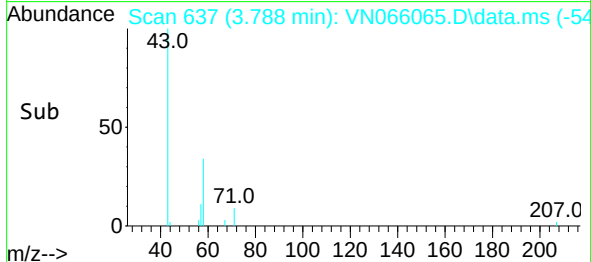
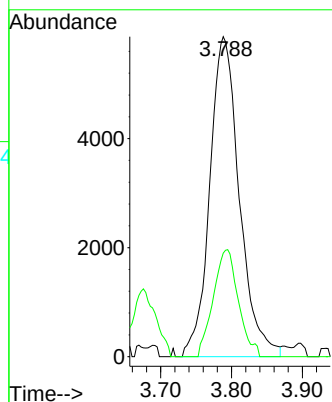
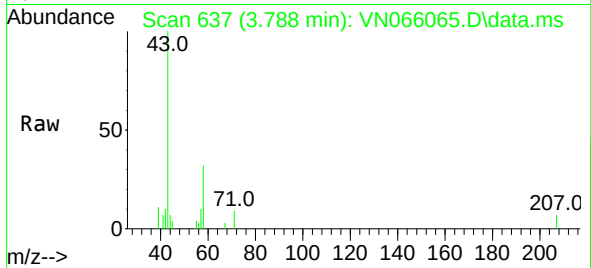




#16
Acetone
Concen: 32.19 ug/l
RT: 3.788 min Scan# 637
Delta R.T. 0.000 min
Lab File: VN066065.D
Acq: 26 Feb 2021 20:39

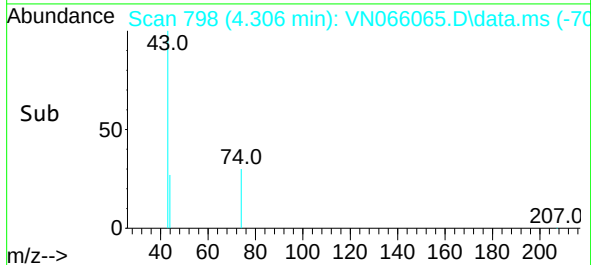
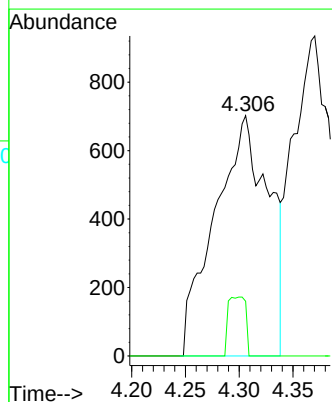
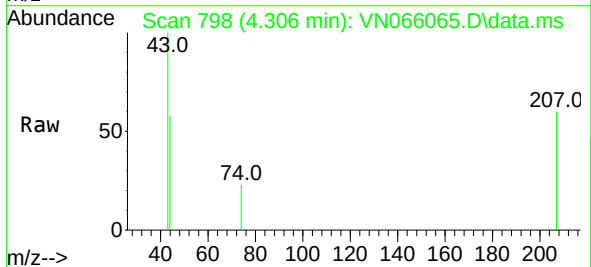
Instrument :
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ClientSampleId :
TRE-1159-1160

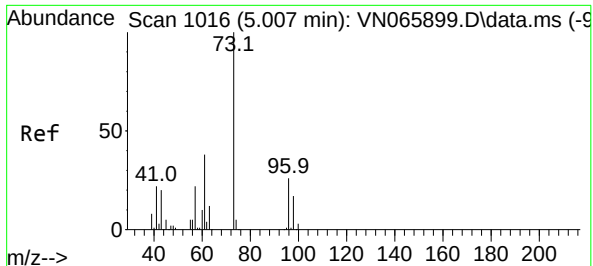
Tgt Ion: 43 Resp: 17052
Ion Ratio Lower Upper
43 100
58 32.4 27.0 40.6



#18
Methyl Acetate
Concen: 1.82 ug/l
RT: 4.306 min Scan# 798
Delta R.T. 0.013 min
Lab File: VN066065.D
Acq: 26 Feb 2021 20:39

Tgt Ion: 43 Resp: 2428
Ion Ratio Lower Upper
43 100
74 8.0 19.5 29.3#



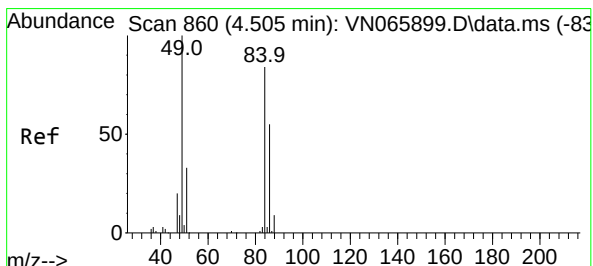
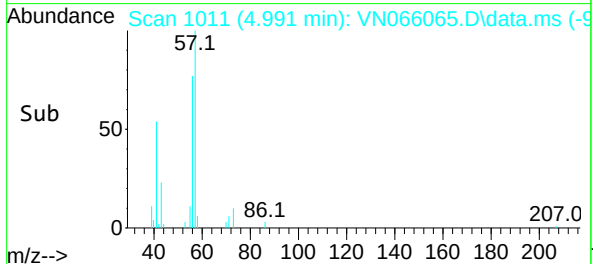
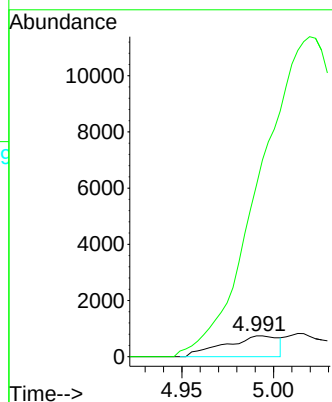
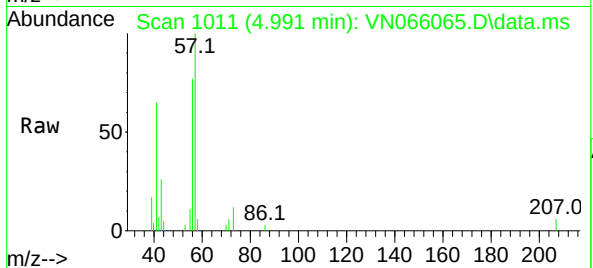


#19

Methyl tert-butyl Ether
Concen: 0.36 ug/l
RT: 4.991 min Scan# 1011
Delta R.T. -0.016 min
Lab File: VN066065.D
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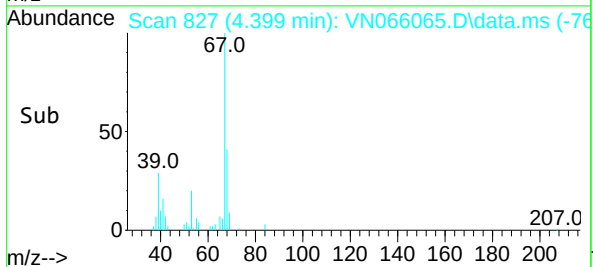
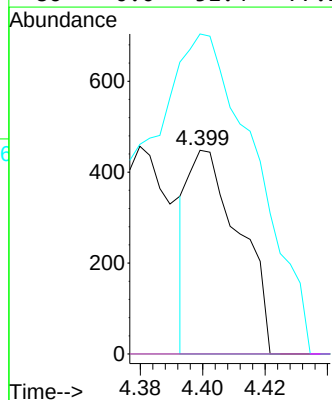
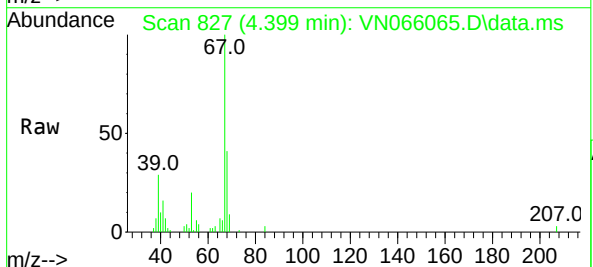
Tgt Ion: 73 Resp: 1521
Ion Ratio Lower Upper
73 100
57 795.3 17.3 25.9#

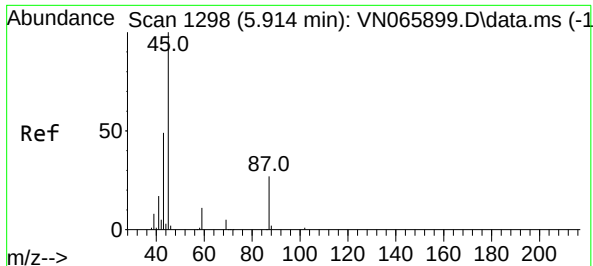


#20

Methylene Chloride
Concen: 0.34 ug/l
RT: 4.399 min Scan# 827
Delta R.T. -0.106 min
Lab File: VN066065.D
Acq: 26 Feb 2021 20:39

Tgt Ion: 84 Resp: 510
Ion Ratio Lower Upper
84 100
49 0.0 94.6 141.8#
51 107.8 29.9 44.9#
86 0.0 51.4 77.2#





#22

Diisopropyl ether

Concen: 1.35 ug/l

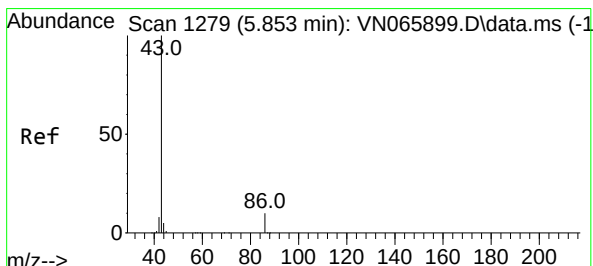
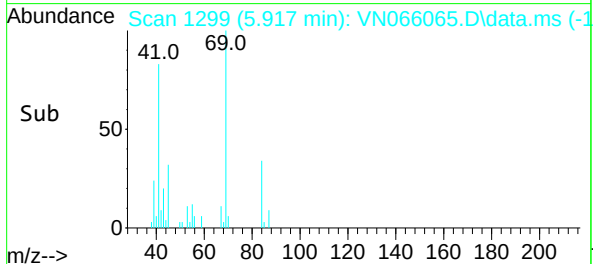
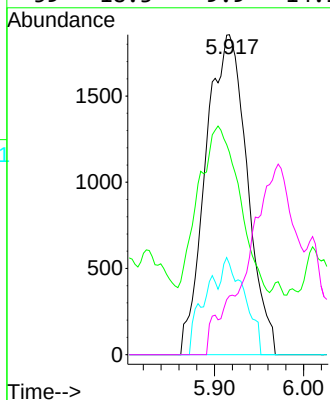
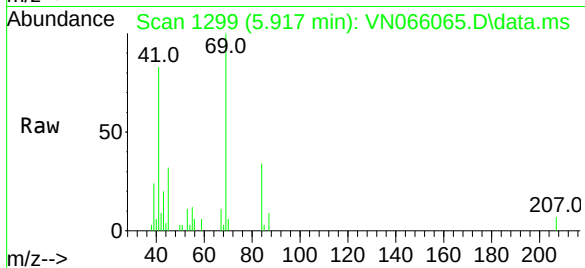
RT: 5.917 min Scan# 1299

Delta R.T. 0.003 min

Lab File: VN066065.D

Acq: 26 Feb 2021 20:39

Tgt Ion:	45	Resp:	5974
Ion	Ratio	Lower	Upper
45	100		
43	42.3	48.9	73.3#
87	28.3	23.7	35.5
59	18.3	9.9	14.9#



#23

Vinyl Acetate

Concen: 0.26 ug/l

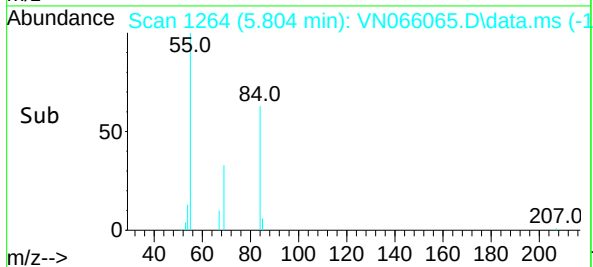
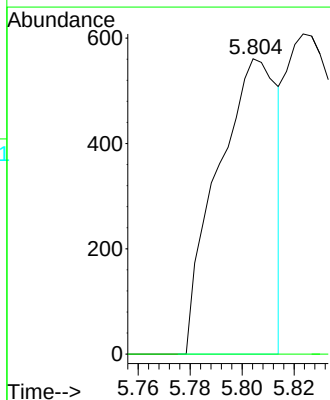
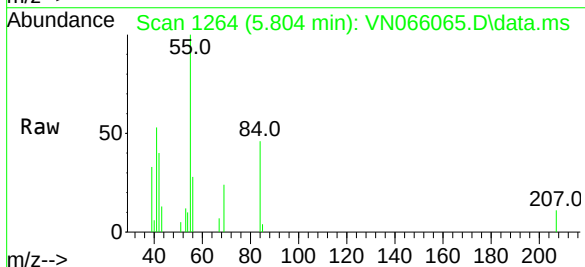
RT: 5.804 min Scan# 1264

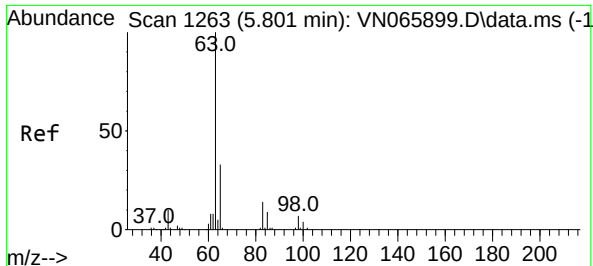
Delta R.T. -0.049 min

Lab File: VN066065.D

Acq: 26 Feb 2021 20:39

Tgt Ion:	43	Resp:	891
Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.6	13.0#





#24

1,1-Dichloroethane

Concen: 0.21 ug/l

RT: 5.897 min Scan# 1293

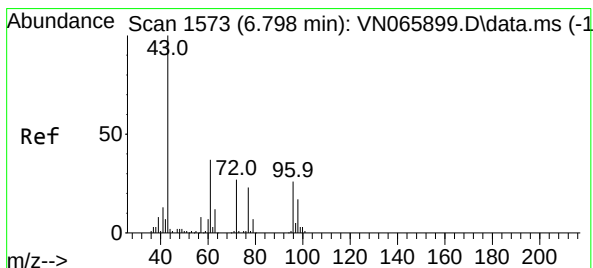
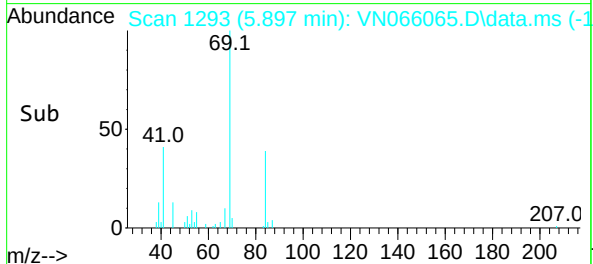
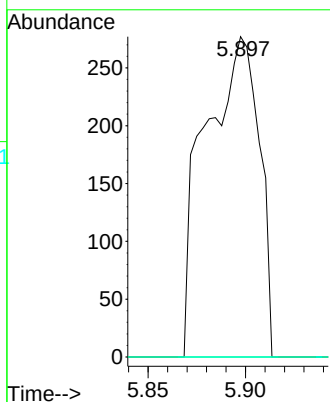
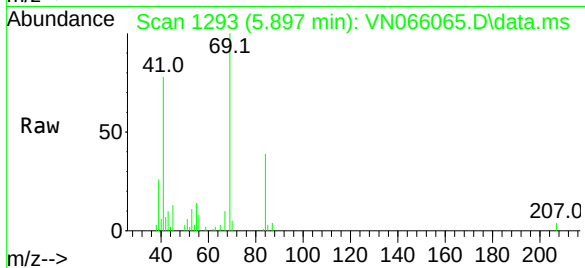
Delta R.T. 0.096 min

Lab File: VN066065.D

Acq: 26 Feb 2021 20:39

Tgt Ion: 63	Resp:	533
Ion Ratio	Lower	Upper
63	100	
98	0.0	3.5 10.4#
100	0.0	2.3 6.9#

Instrument :
MSVOA_N
ClientSampleId :
TRE-1159-1160



#25

2-Butanone

Concen: 6.46 ug/l

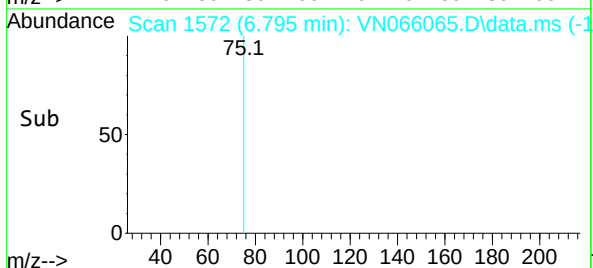
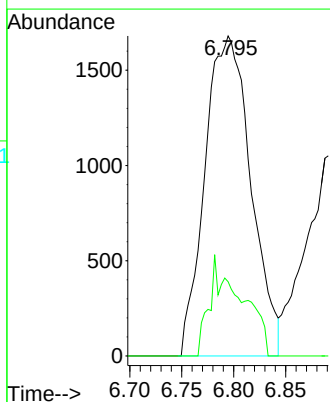
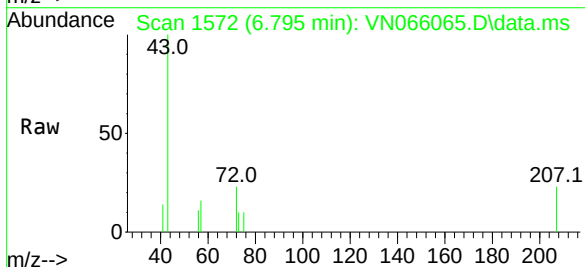
RT: 6.795 min Scan# 1572

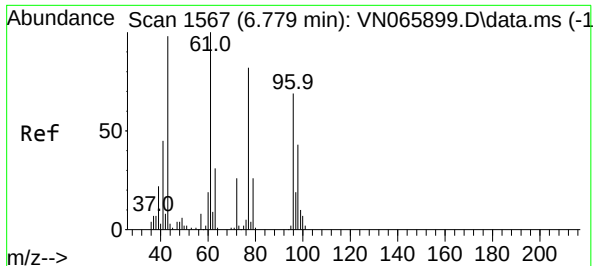
Delta R.T. -0.003 min

Lab File: VN066065.D

Acq: 26 Feb 2021 20:39

Tgt Ion: 43	Resp:	5171
Ion Ratio	Lower	Upper
43	100	
72	23.2	23.1 34.7

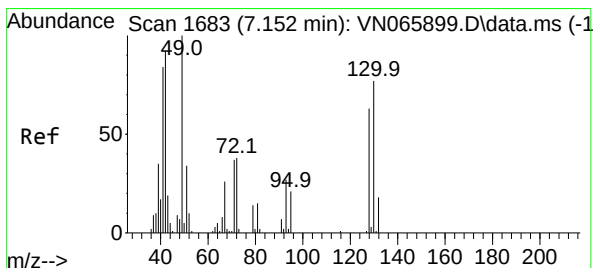
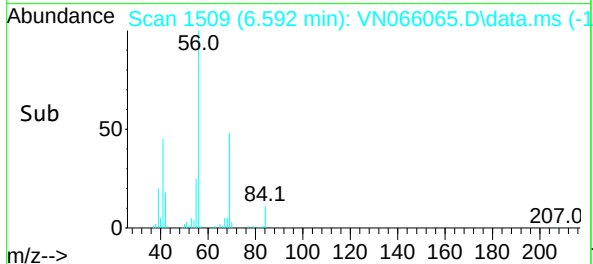
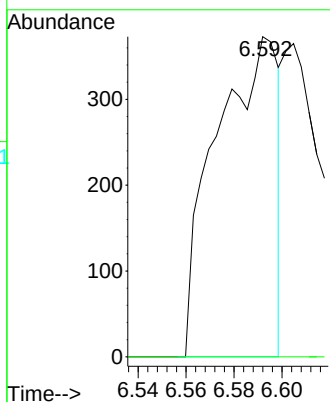
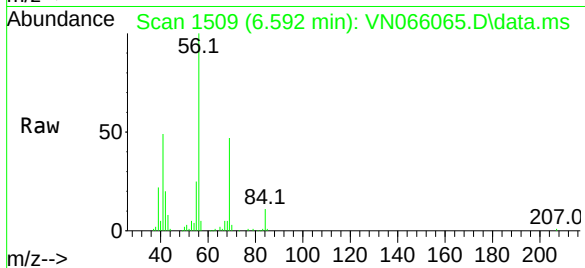




#26
2,2-Dichloropropane
Concen: 0.33 ug/l
RT: 6.592 min Scan# 1509
Delta R.T. -0.187 min
Lab File: VN066065.D
Acq: 26 Feb 2021 20:39

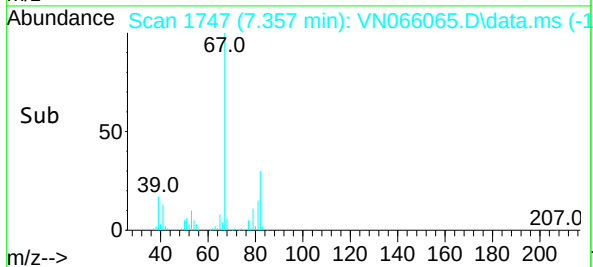
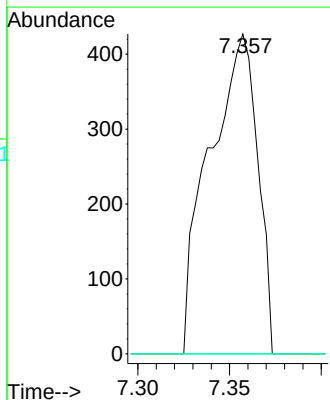
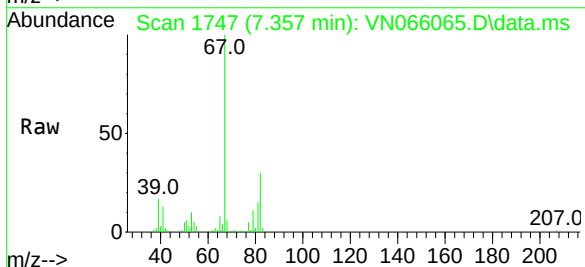
Instrument :
MSVOA_N
ClientSampleId :
TRE-1159-1160

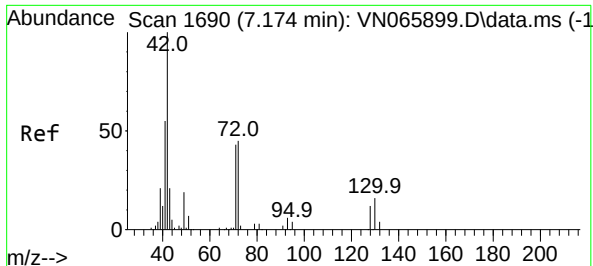
Tgt Ion: 77 Resp: 668
Ion Ratio Lower Upper
77 100
97 0.0 11.9 35.9#



#28
Bromochloromethane
Concen: 0.66 ug/l
RT: 7.357 min Scan# 1747
Delta R.T. 0.205 min
Lab File: VN066065.D
Acq: 26 Feb 2021 20:39

Tgt Ion: 49 Resp: 778
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.6
130 0.0 67.8 101.6#





#29

Tetrahydrofuran

Concen: 1.13 ug/l

RT: 7.168 min Scan# 1688

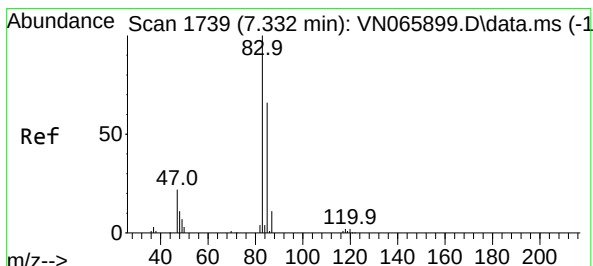
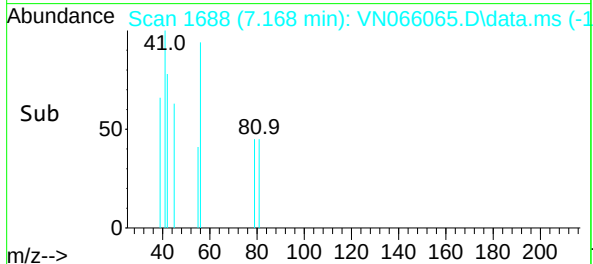
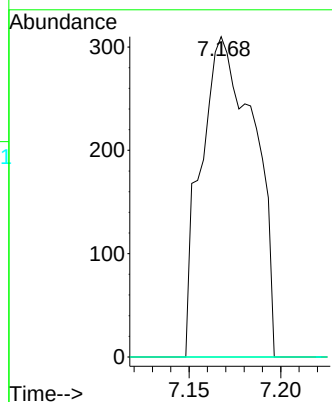
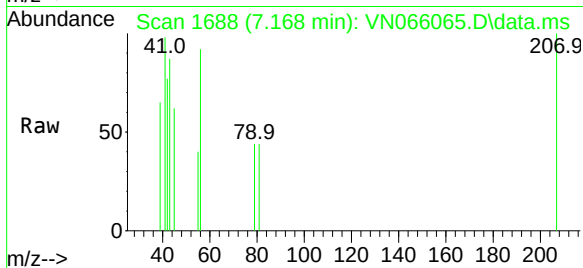
Delta R.T. -0.006 min

Lab File: VN066065.D

Acq: 26 Feb 2021 20:39

Instrument :
MSVOA_N
ClientSampleId :
TRE-1159-1160

Tgt Ion: 42	Resp: 624
Ion Ratio	Lower Upper
42 100	
72 0.0	36.6 55.0#
71 0.0	34.3 51.5#



#30

Chloroform

Concen: 1.06 ug/l

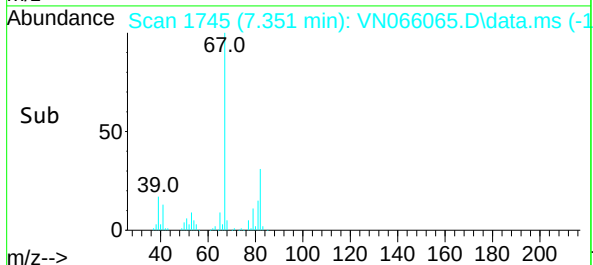
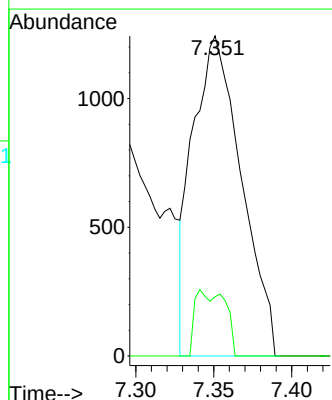
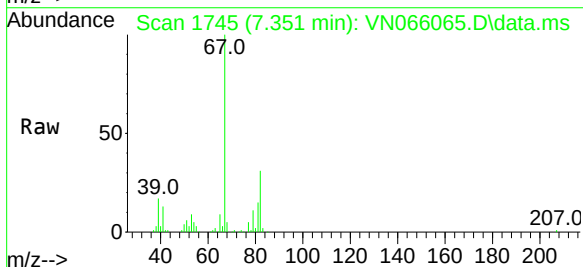
RT: 7.351 min Scan# 1745

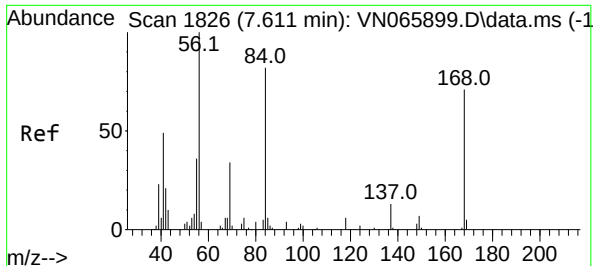
Delta R.T. 0.019 min

Lab File: VN066065.D

Acq: 26 Feb 2021 20:39

Tgt Ion: 83	Resp: 2692
Ion Ratio	Lower Upper
83 100	
85 18.5	52.6 78.8#

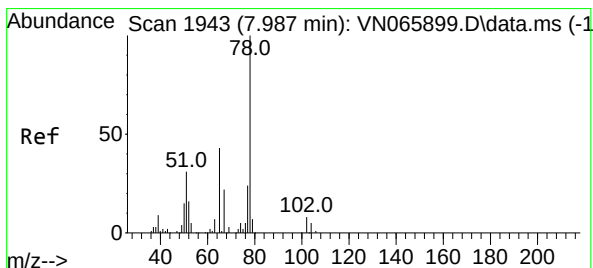
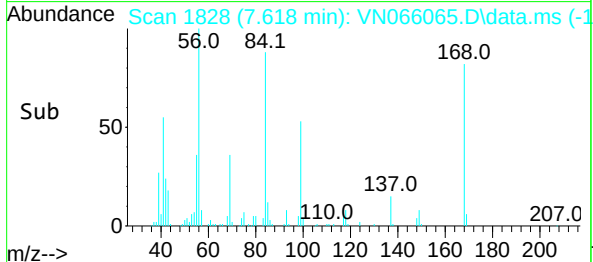
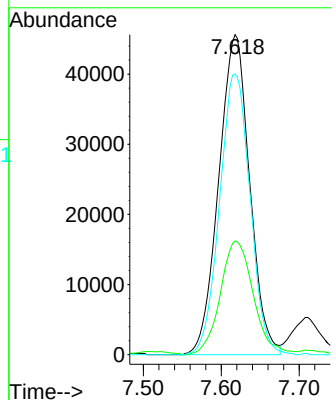
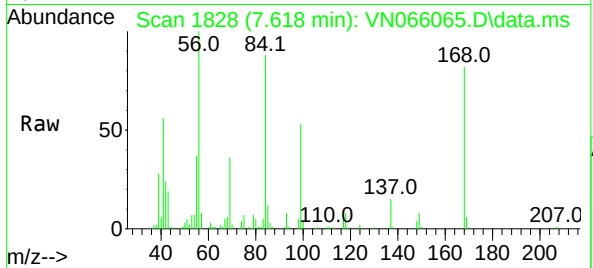




#31
Cyclohexane
Concen: 52.19 ug/l
RT: 7.618 min Scan# 1828
Delta R.T. 0.007 min
Lab File: VN066065.D
Acq: 26 Feb 2021 20:39

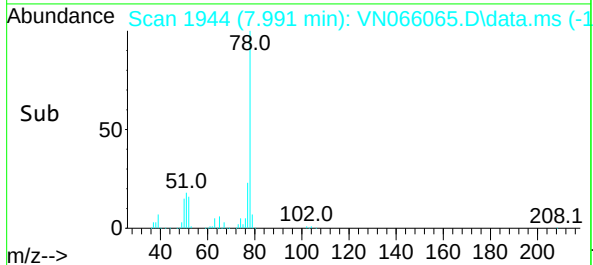
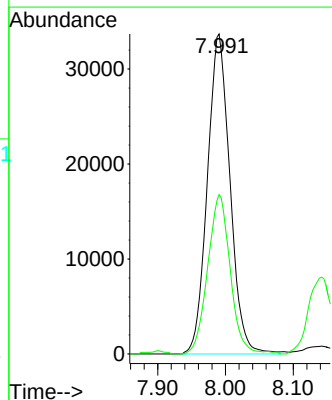
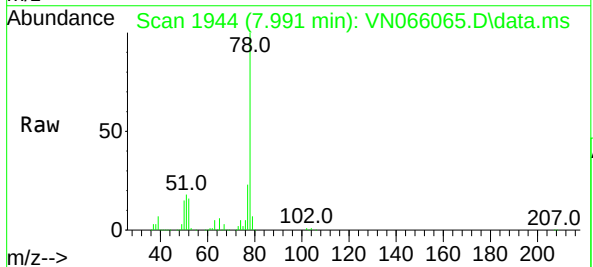
Instrument :
MSVOA_N
ClientSampleId :
TRE-1159-1160

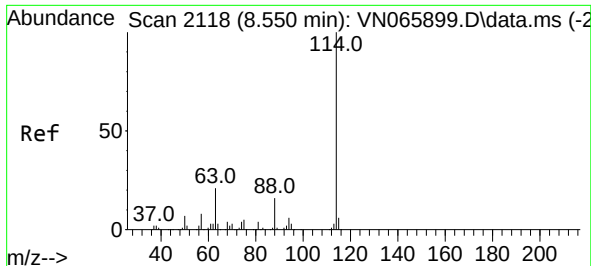
Tgt Ion: 56 Resp: 125758
Ion Ratio Lower Upper
56 100
69 35.2 26.6 39.8
84 87.8 70.4 105.6



#33
1,2-Dichloroethane-d4
Concen: 48.31 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. 0.004 min
Lab File: VN066065.D
Acq: 26 Feb 2021 20:39

Tgt Ion: 65 Resp: 78075
Ion Ratio Lower Upper
65 100
67 49.3 0.0 107.2

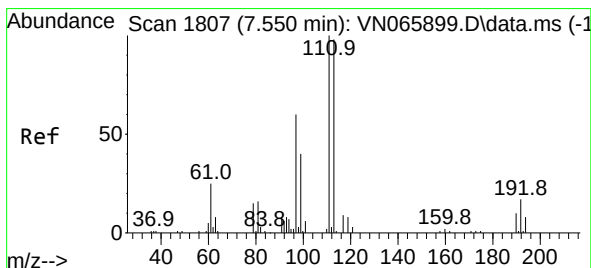
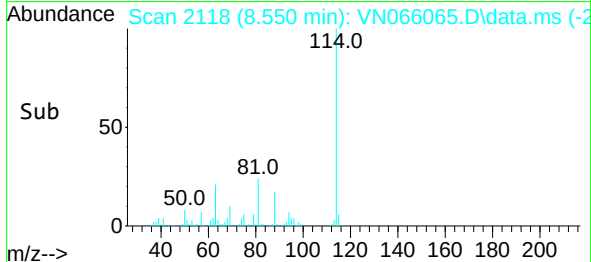
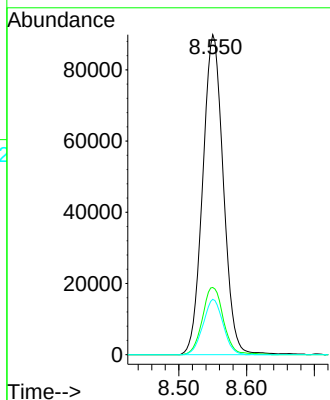
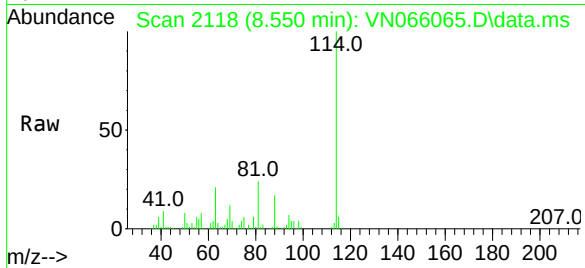




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN066065.D
Acq: 26 Feb 2021 20:39

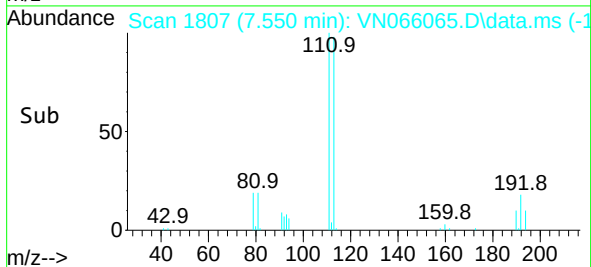
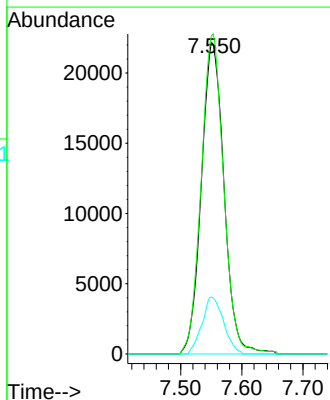
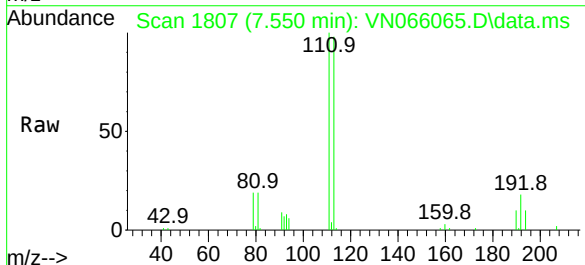
Instrument :
MSVOA_N
ClientSampleId :
TRE-1159-1160

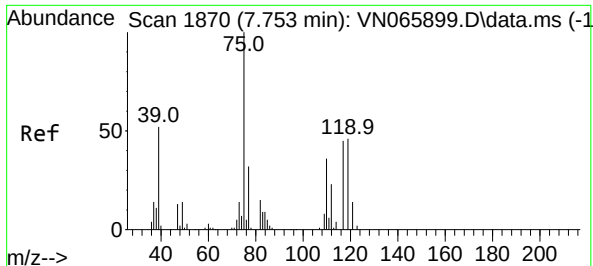
Tgt Ion:114 Resp: 189432
Ion Ratio Lower Upper
114 100
63 21.0 0.0 38.6
88 17.3 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.58 ug/l
RT: 7.550 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN066065.D
Acq: 26 Feb 2021 20:39

Tgt Ion:113 Resp: 56960
Ion Ratio Lower Upper
113 100
111 102.0 82.2 123.2
192 17.4 15.4 23.0

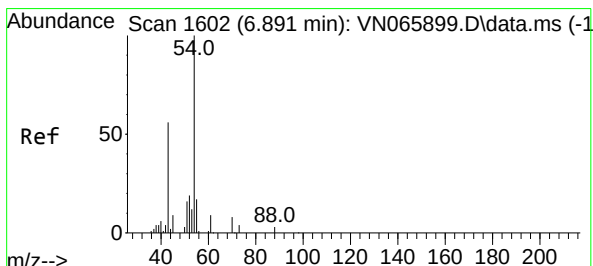
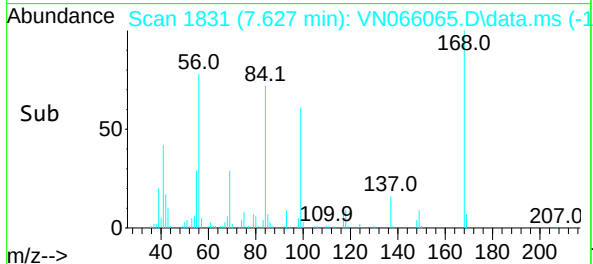
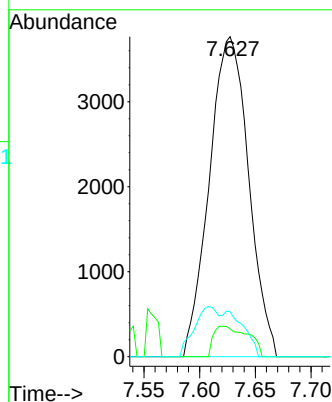
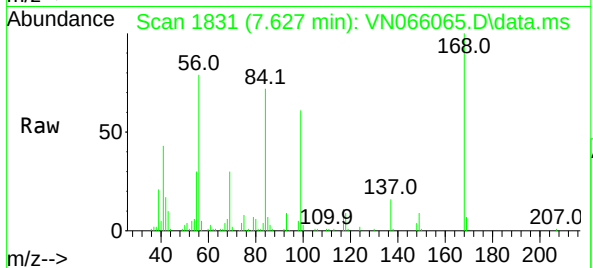




#36
1,1-Dichloropropene
Concen: 4.94 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.126 min
Lab File: VN066065.D
Acq: 26 Feb 2021 20:39

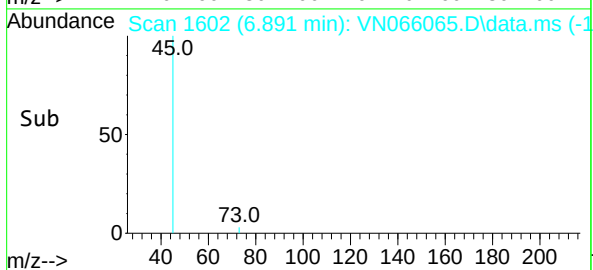
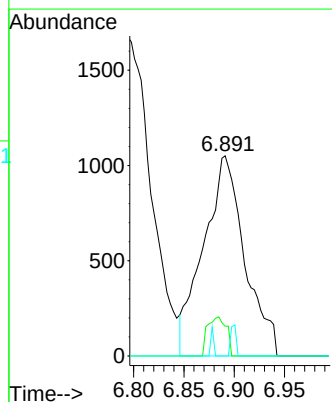
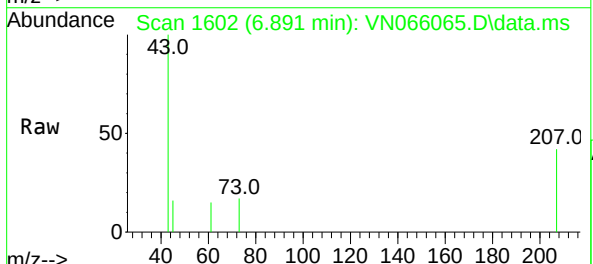
Instrument :
MSVOA_N
ClientSampleId :
TRE-1159-1160

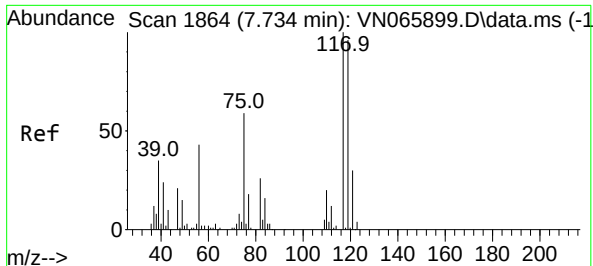
Tgt Ion: 75 Resp: 9235
Ion Ratio Lower Upper
75 100
110 8.3 18.2 54.6#
77 0.0 24.9 37.3#



#37
Ethyl Acetate
Concen: 1.78 ug/l
RT: 6.891 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN066065.D
Acq: 26 Feb 2021 20:39

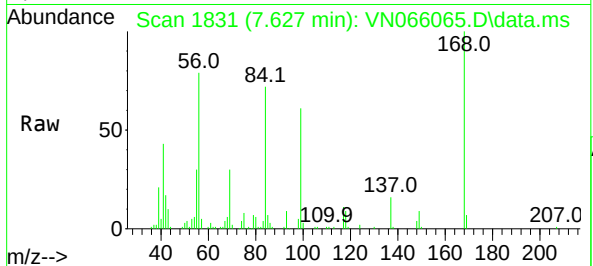
Tgt Ion: 43 Resp: 3003
Ion Ratio Lower Upper
43 100
61 9.0 11.6 17.4#
70 2.0 8.6 13.0#



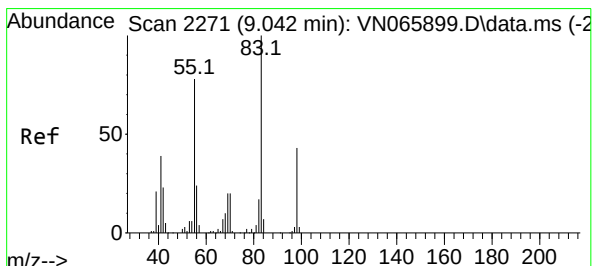
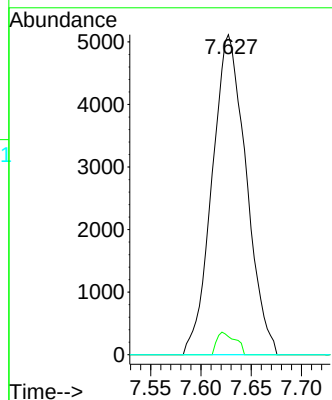
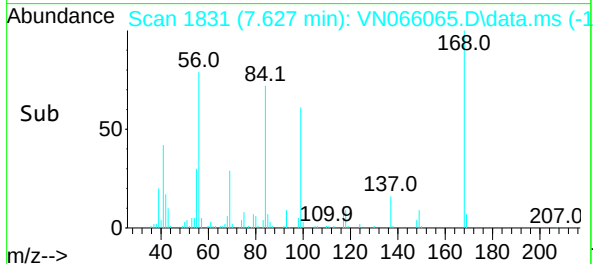


#38
Carbon Tetrachloride
Concen: 6.95 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.107 min
Lab File: VN066065.D
Acq: 26 Feb 2021 20:39

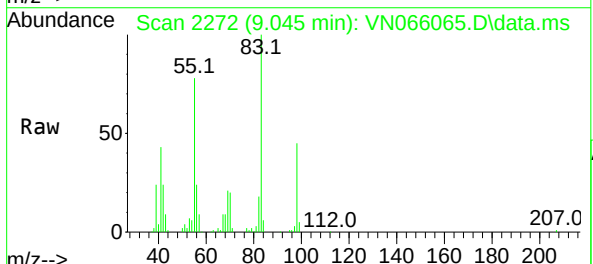
Instrument :
MSVOA_N
ClientSampleId :
TRE-1159-1160



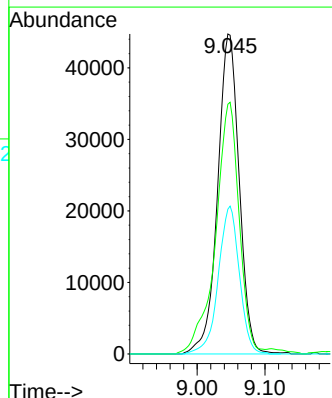
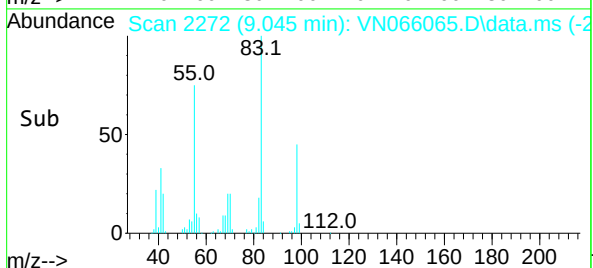
Tgt Ion:117 Resp: 12067
Ion Ratio Lower Upper
117 100
119 5.7 76.0 114.0#
121 0.0 24.5 36.7#

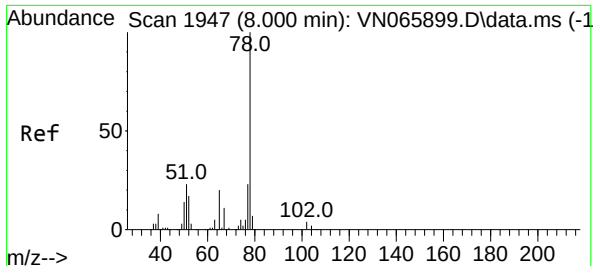


#39
Methylcyclohexane
Concen: 47.15 ug/l
RT: 9.045 min Scan# 2272
Delta R.T. 0.003 min
Lab File: VN066065.D
Acq: 26 Feb 2021 20:39



Tgt Ion: 83 Resp: 98958
Ion Ratio Lower Upper
83 100
55 77.4 58.9 88.3
98 45.3 35.9 53.9

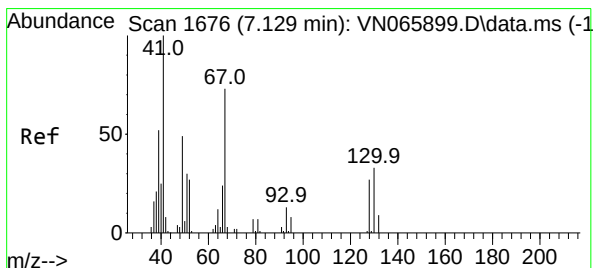
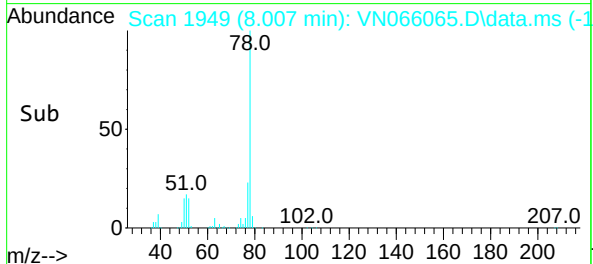
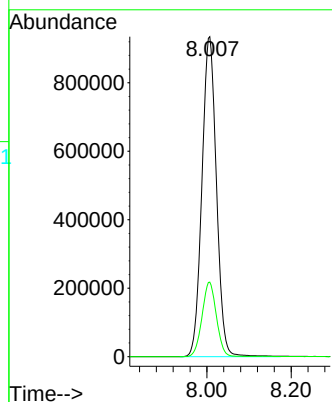
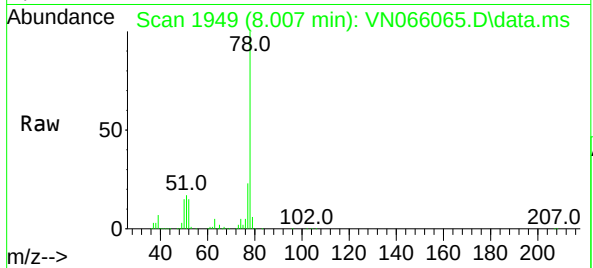




#40
Benzene
Concen: 389.74 ug/l
RT: 8.007 min Scan# 1949
Delta R.T. 0.007 min
Lab File: VN066065.D
Acq: 26 Feb 2021 20:39

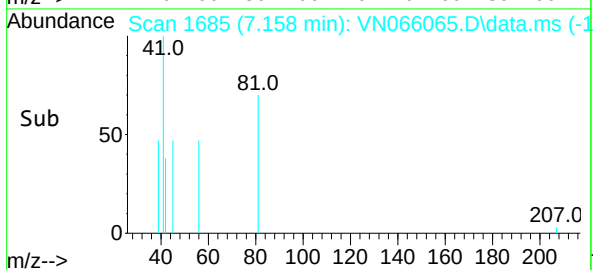
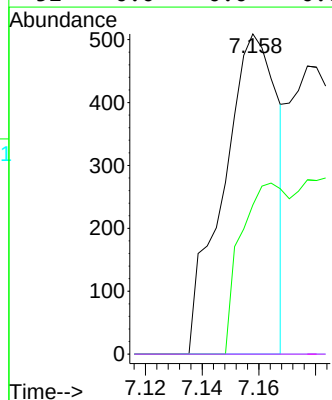
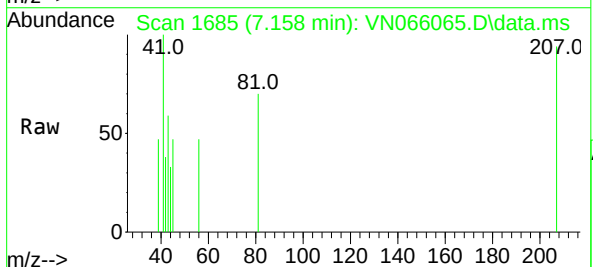
Instrument :
MSVOA_N
ClientSampleId :
TRE-1159-1160

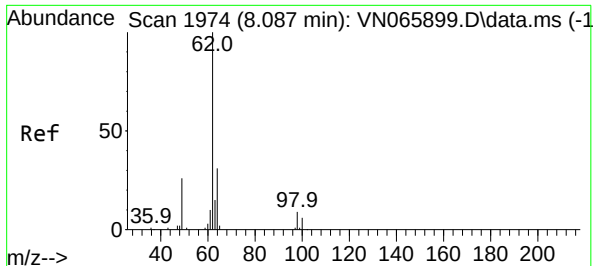
Tgt Ion: 78 Resp: 2233580
Ion Ratio Lower Upper
78 100
77 23.3 19.0 28.4



#41
Methacrylonitrile
Concen: 0.83 ug/l
RT: 7.158 min Scan# 1685
Delta R.T. 0.029 min
Lab File: VN066065.D
Acq: 26 Feb 2021 20:39

Tgt Ion: 41 Resp: 674
Ion Ratio Lower Upper
41 100
39 0.0 0.0 0.0
67 0.0 0.0 0.0
52 0.0 0.0 0.0





#42

1,2-Dichloroethane

Concen: 10.82 ug/l

RT: 8.007 min Scan# 1949

Delta R.T. -0.080 min

Lab File: VN066065.D

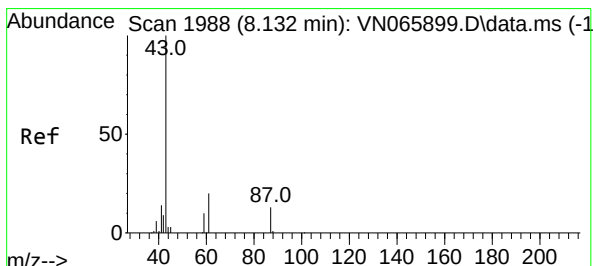
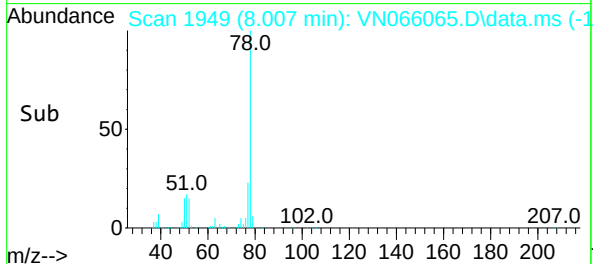
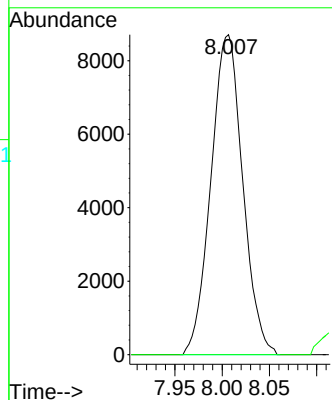
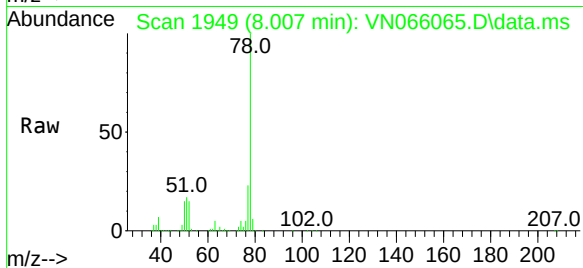
Acq: 26 Feb 2021 20:39

Tgt Ion: 62 Resp: 20382

Ion Ratio Lower Upper

62 100

98 0.0 0.0 18.6



#43

Isopropyl Acetate

Concen: 1.67 ug/l

RT: 8.113 min Scan# 1982

Delta R.T. -0.019 min

Lab File: VN066065.D

Acq: 26 Feb 2021 20:39

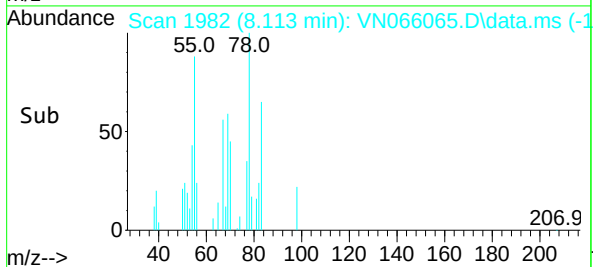
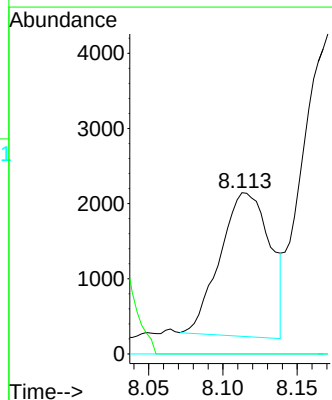
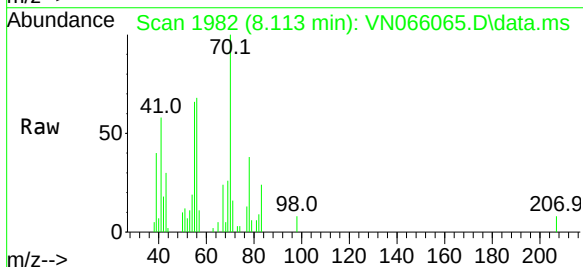
Tgt Ion: 43 Resp: 4498

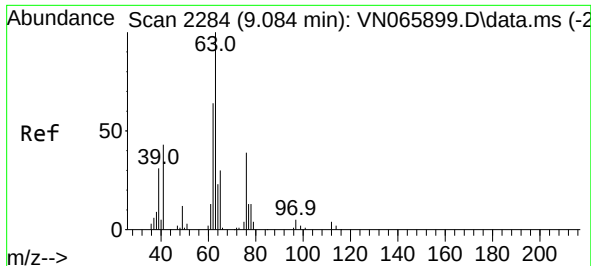
Ion Ratio Lower Upper

43 100

61 0.0 22.5 33.7#

87 0.0 11.1 16.7#



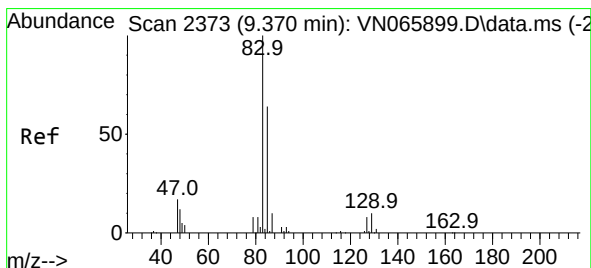
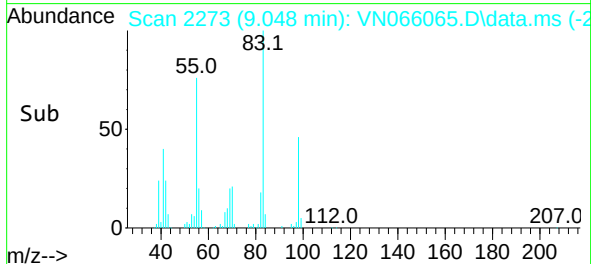
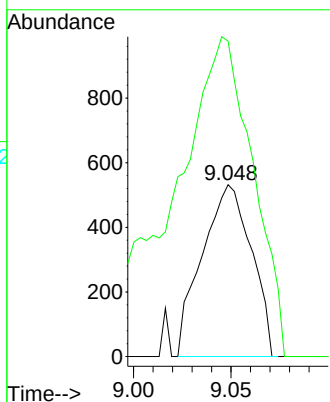
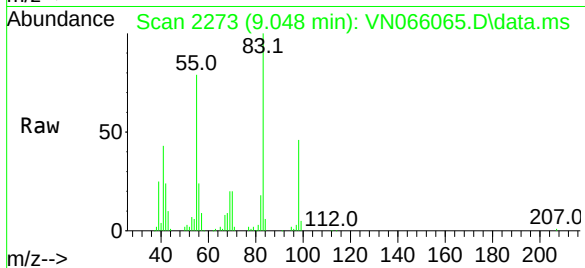


#45

1,2-Dichloropropane
Concen: 0.64 ug/l
RT: 9.048 min Scan# 2273
Delta R.T. -0.036 min
Lab File: VN066065.D
Acq: 26 Feb 2021 20:39

Instrument :
MSVOA_N
ClientSampleId :
TRE-1159-1160

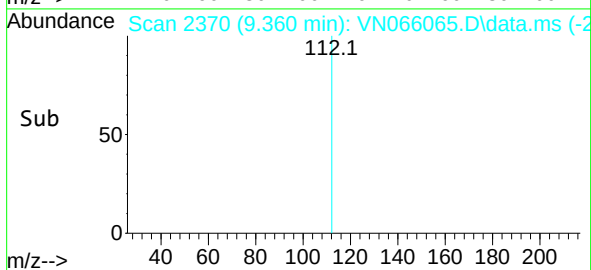
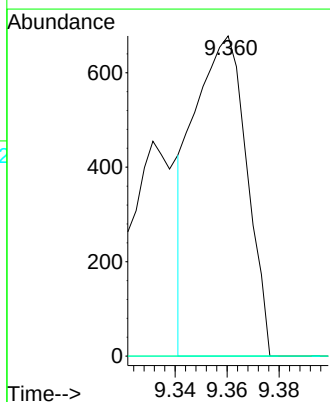
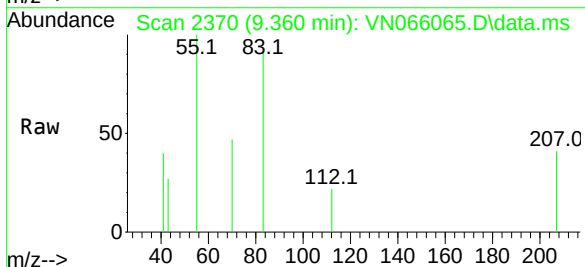
Tgt Ion: 63 Resp: 937
Ion Ratio Lower Upper
63 100
65 144.2 24.9 37.3#

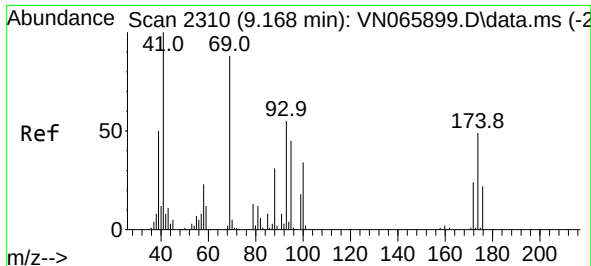


#47

Bromodichloromethane
Concen: 0.53 ug/l
RT: 9.360 min Scan# 2370
Delta R.T. -0.010 min
Lab File: VN066065.D
Acq: 26 Feb 2021 20:39

Tgt Ion: 83 Resp: 966
Ion Ratio Lower Upper
83 100
85 0.0 51.0 76.4#
127 0.0 7.0 10.6#





#48

Methyl methacrylate

Concen: 2.71 ug/l

RT: 9.113 min Scan# 2293

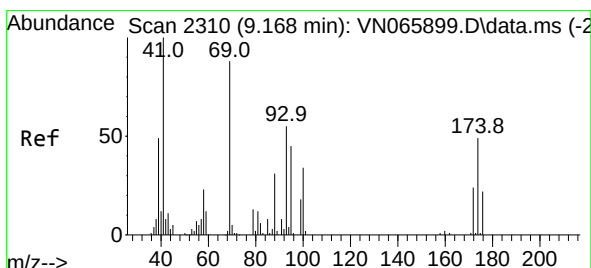
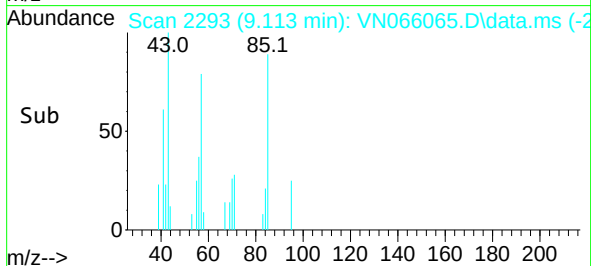
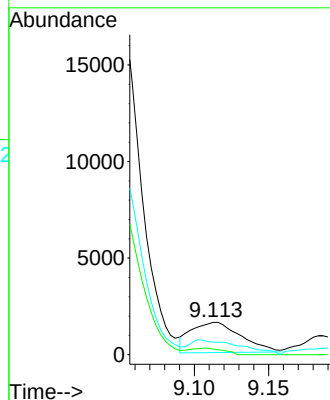
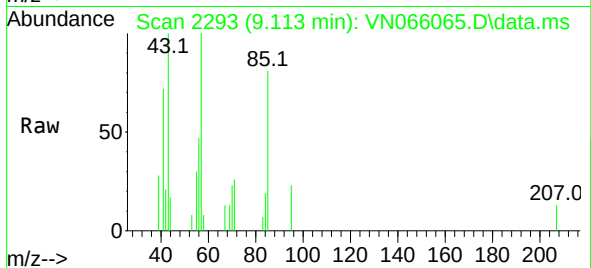
Delta R.T. -0.055 min

Lab File: VN066065.D

Acq: 26 Feb 2021 20:39

Tgt Ion:	41	Resp:	3690
Ion	Ratio	Lower	Upper
41	100		
69	0.0	75.9	113.9#
39	48.4	46.6	69.8

Instrument :
MSVOA_N
ClientSampleId :
TRE-1159-1160



#49

1,4-Dioxane

Concen: 41.28 ug/l

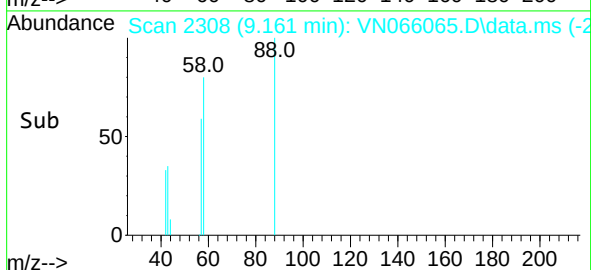
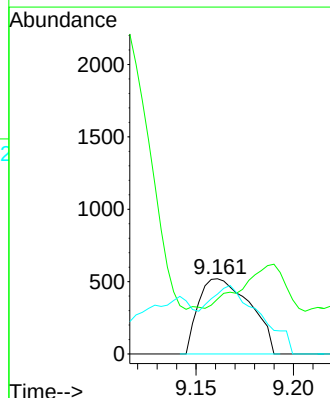
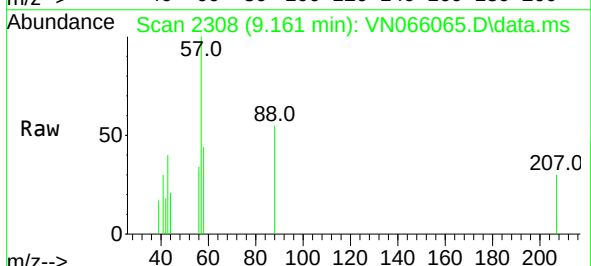
RT: 9.161 min Scan# 2308

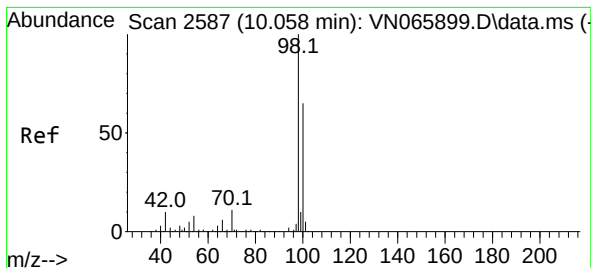
Delta R.T. -0.007 min

Lab File: VN066065.D

Acq: 26 Feb 2021 20:39

Tgt Ion:	88	Resp:	958
Ion	Ratio	Lower	Upper
88	100		
43	0.0	24.7	37.1#
58	89.7	52.6	78.8#

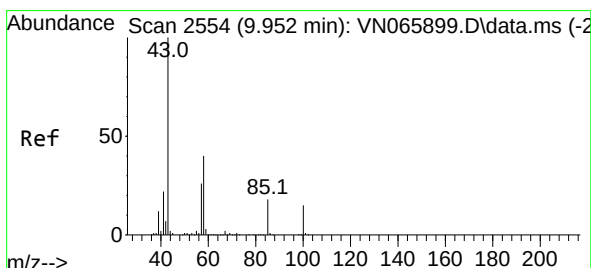
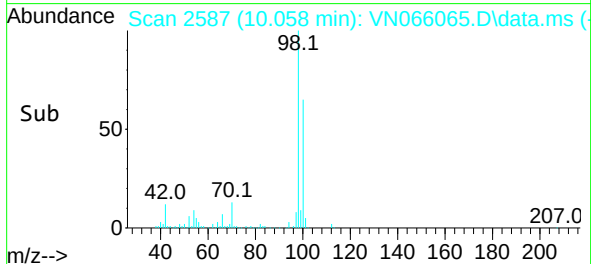
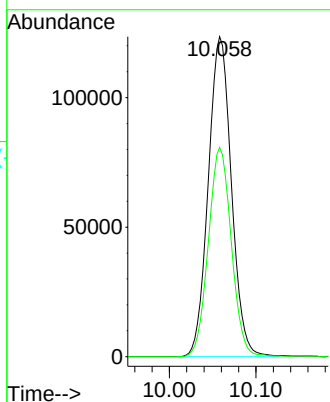
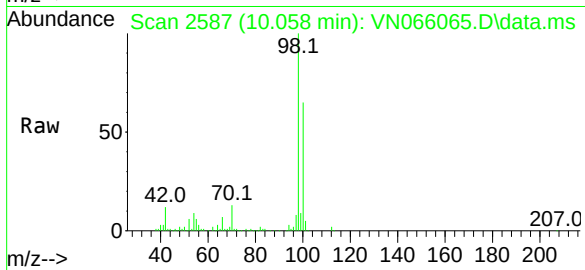




#50
Toluene-d8
Concen: 47.65 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN066065.D
Acq: 26 Feb 2021 20:39

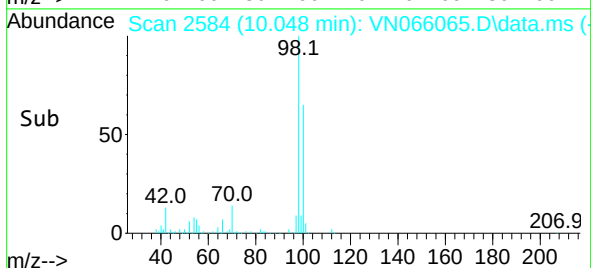
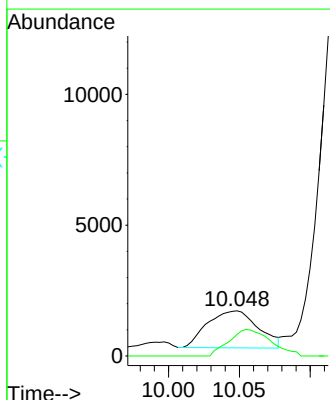
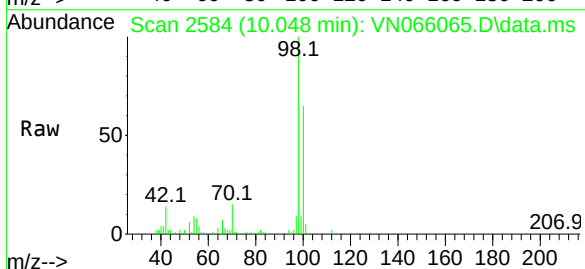
Instrument :
MSVOA_N
ClientSampleId :
TRE-1159-1160

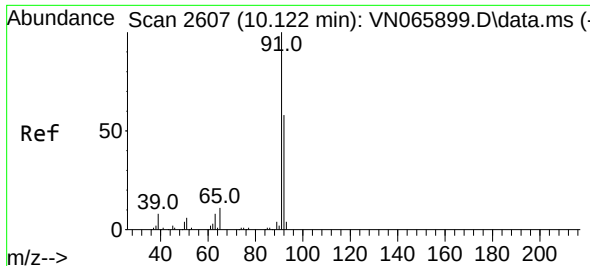
Tgt Ion: 98 Resp: 229305
Ion Ratio Lower Upper
98 100
100 64.9 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 2.16 ug/l
RT: 10.048 min Scan# 2584
Delta R.T. 0.096 min
Lab File: VN066065.D
Acq: 26 Feb 2021 20:39

Tgt Ion: 43 Resp: 3526
Ion Ratio Lower Upper
43 100
58 58.8 32.5 48.7#

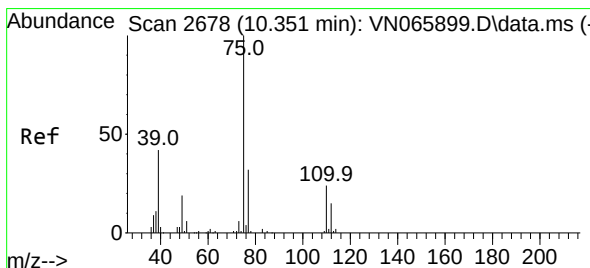
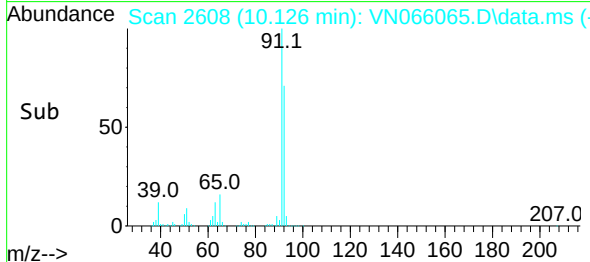
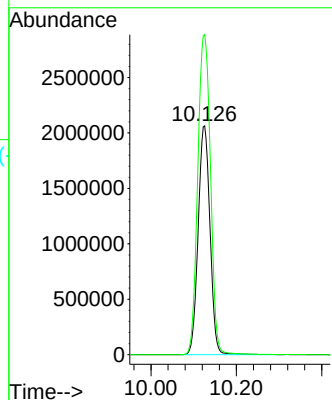
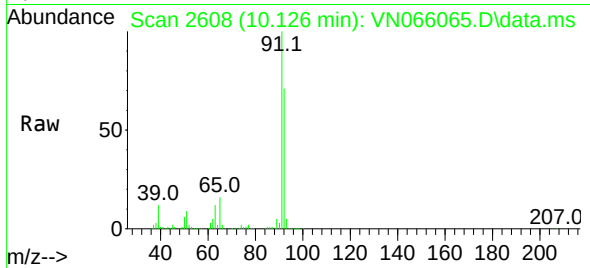




#52
Toluene
Concen: 1127.24 ug/l
RT: 10.126 min Scan# 2608
Delta R.T. 0.004 min
Lab File: VN066065.D
Acq: 26 Feb 2021 20:39

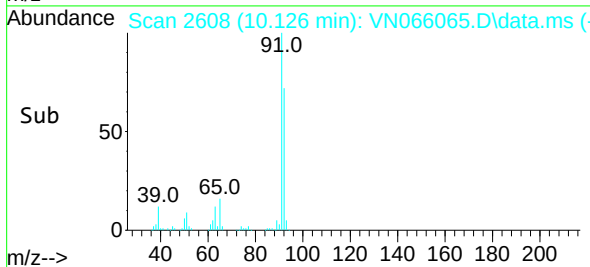
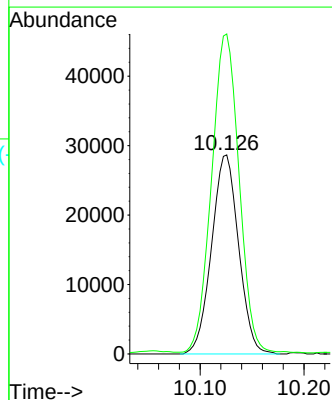
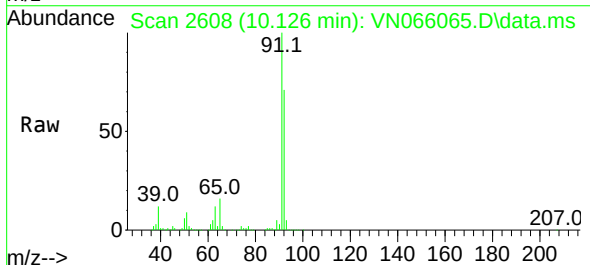
Instrument :
MSVOA_N
ClientSampleId :
TRE-1159-1160

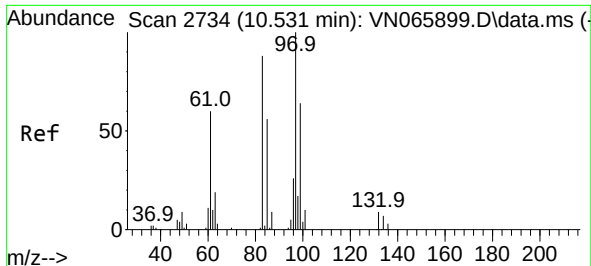
Tgt Ion: 92 Resp: 3967398
Ion Ratio Lower Upper
92 100
91 151.2 140.7 211.1



#53
t-1,3-Dichloropropene
Concen: 24.08 ug/l
RT: 10.126 min Scan# 2608
Delta R.T. -0.225 min
Lab File: VN066065.D
Acq: 26 Feb 2021 20:39

Tgt Ion: 75 Resp: 51796
Ion Ratio Lower Upper
75 100
77 159.9 26.2 39.4#

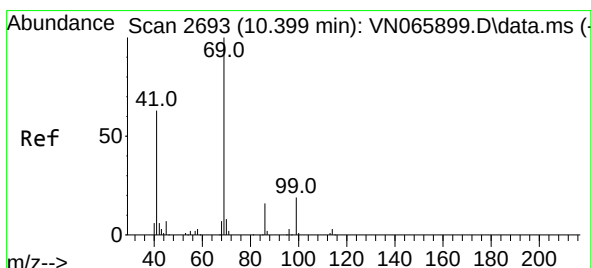
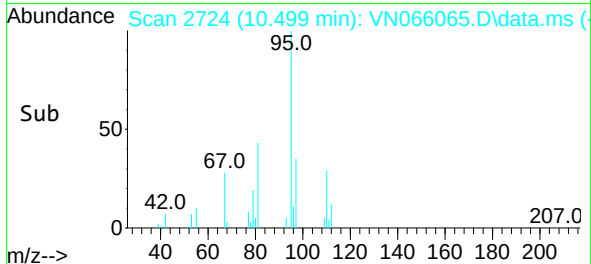
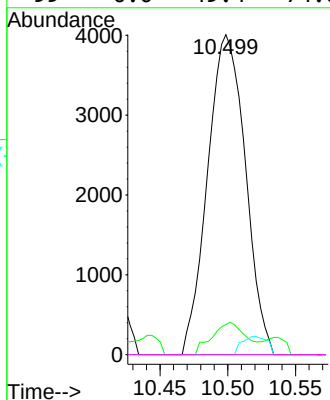
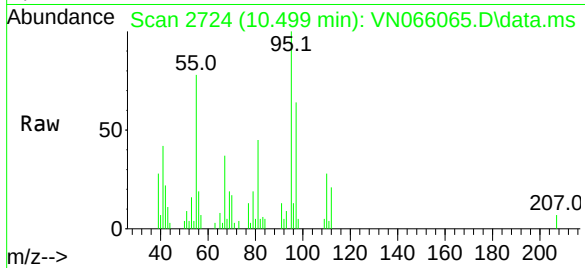




#55
1,1,2-Trichloroethane
Concen: 5.90 ug/l
RT: 10.499 min Scan# 2724
Delta R.T. -0.032 min
Lab File: VN066065.D
Acq: 26 Feb 2021 20:39

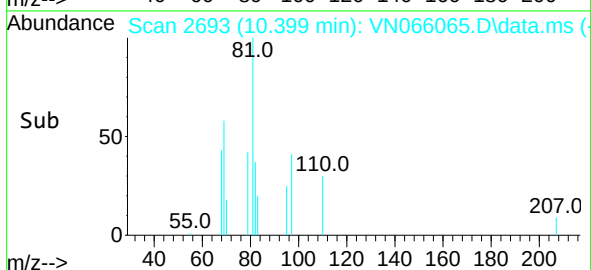
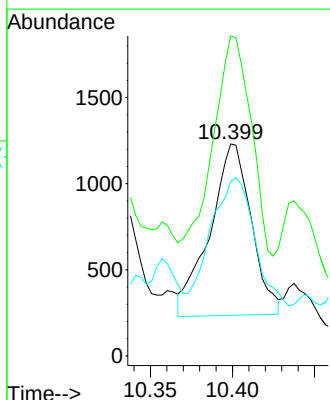
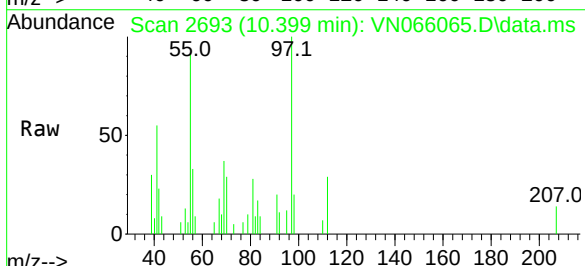
Instrument :
MSVOA_N
ClientSampleId :
TRE-1159-1160

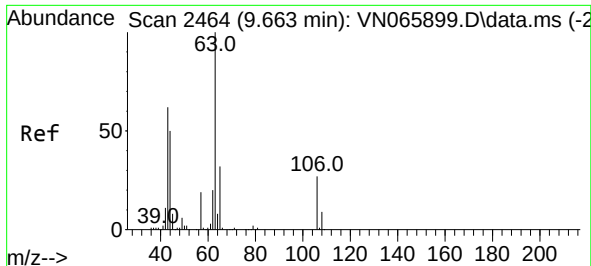
Tgt Ion:	97	Resp:	7767
Ion	Ratio	Lower	Upper
97	100		
83	9.4	67.7	101.5#
85	0.0	44.5	66.7#
99	0.0	49.4	74.0#



#56
Ethyl methacrylate
Concen: 0.88 ug/l
RT: 10.399 min Scan# 2693
Delta R.T. -0.000 min
Lab File: VN066065.D
Acq: 26 Feb 2021 20:39

Tgt Ion:	69	Resp:	1747
Ion	Ratio	Lower	Upper
69	100		
41	115.5	49.6	74.4#
39	0.0	28.0	42.0#

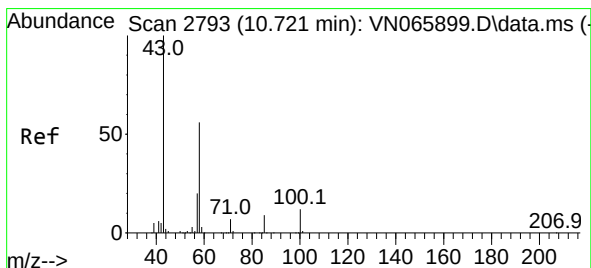
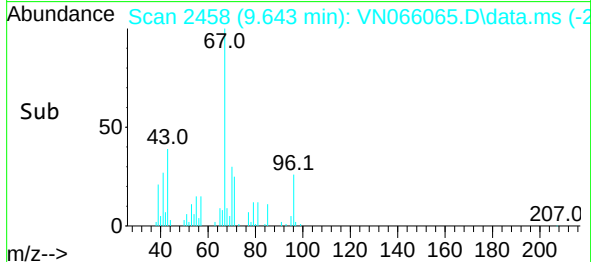
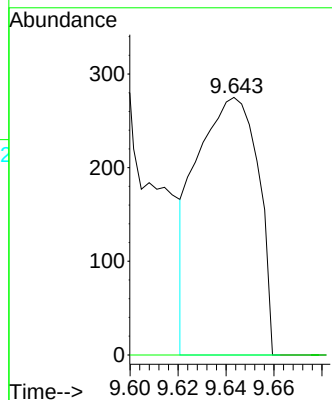
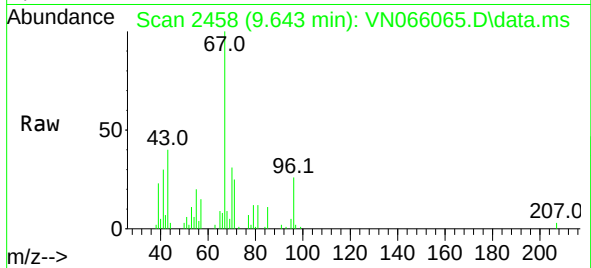




#58
2-Chloroethyl Vinyl ether
Concen: 0.52 ug/l
RT: 9.643 min Scan# 2458
Delta R.T. -0.020 min
Lab File: VN066065.D
Acq: 26 Feb 2021 20:39

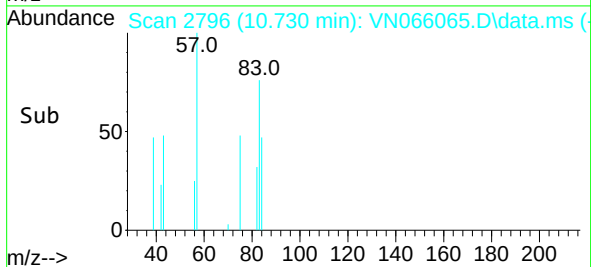
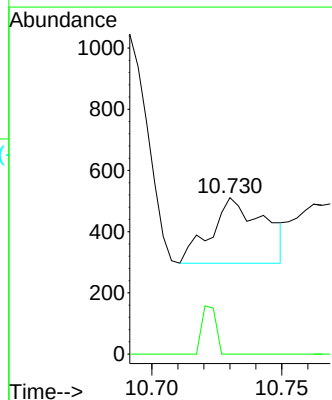
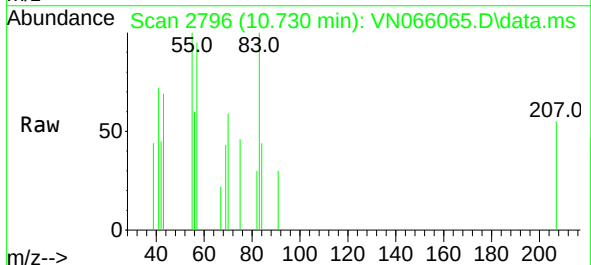
Instrument :
MSVOA_N
ClientSampleId :
TRE-1159-1160

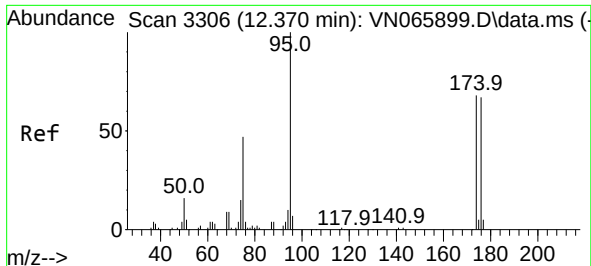
Tgt Ion: 63 Resp: 490
Ion Ratio Lower Upper
63 100
106 0.0 22.6 33.8#



#59
2-Hexanone
Concen: 0.26 ug/l
RT: 10.730 min Scan# 2796
Delta R.T. 0.009 min
Lab File: VN066065.D
Acq: 26 Feb 2021 20:39

Tgt Ion: 43 Resp: 303
Ion Ratio Lower Upper
43 100
58 19.5 28.1 84.3#

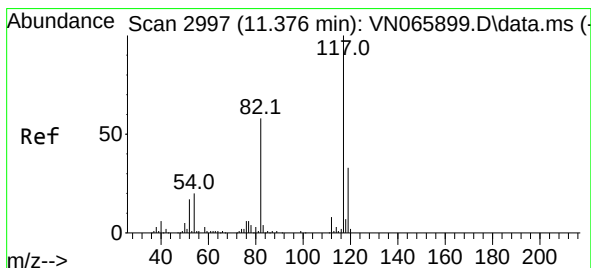
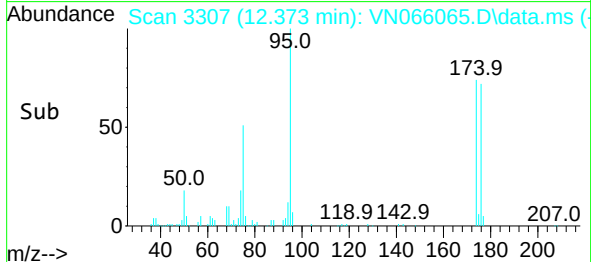
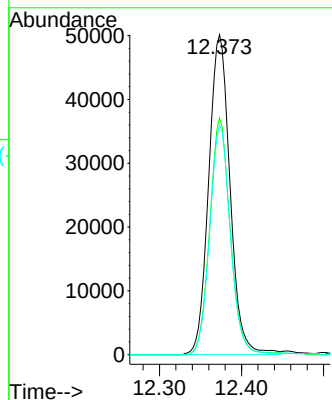
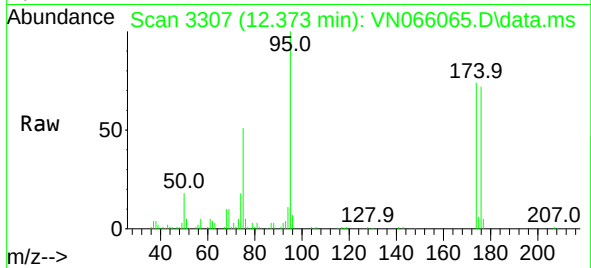




#62
4-Bromofluorobenzene
Concen: 50.12 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.003 min
Lab File: VN066065.D
Acq: 26 Feb 2021 20:39

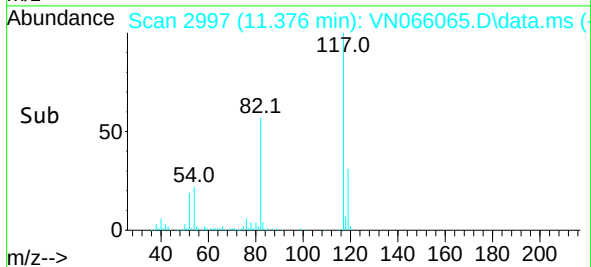
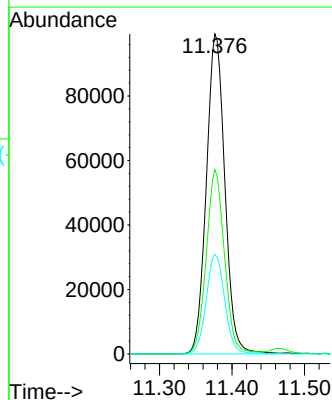
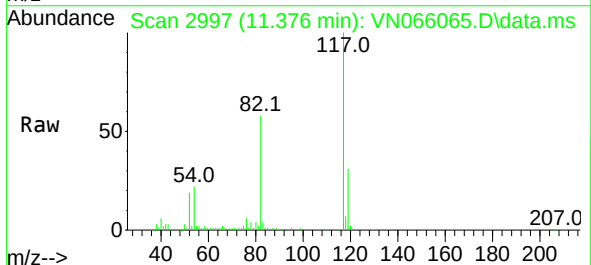
Instrument :
MSVOA_N
ClientSampleId :
TRE-1159-1160

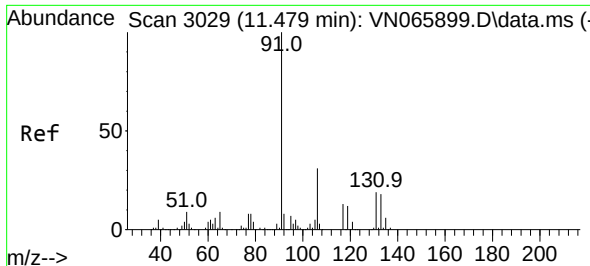
Tgt Ion: 95 Resp: 90539
Ion Ratio Lower Upper
95 100
174 70.9 0.0 169.0
176 69.3 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN066065.D
Acq: 26 Feb 2021 20:39

Tgt Ion: 117 Resp: 175836
Ion Ratio Lower Upper
117 100
82 57.6 43.7 65.5
119 31.1 26.1 39.1

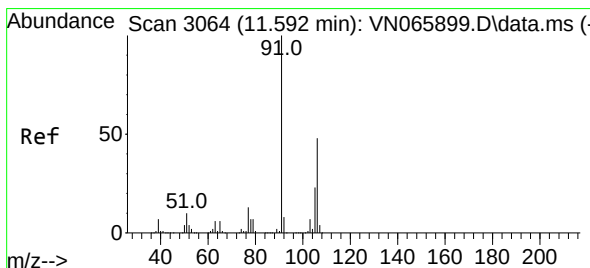
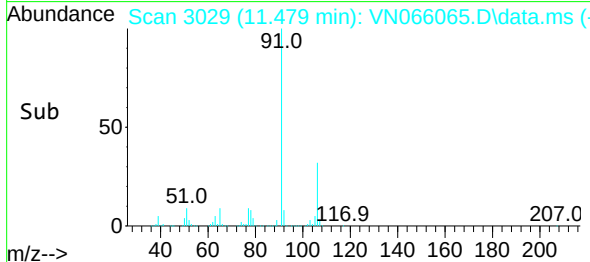
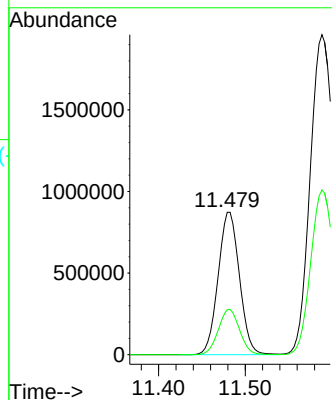
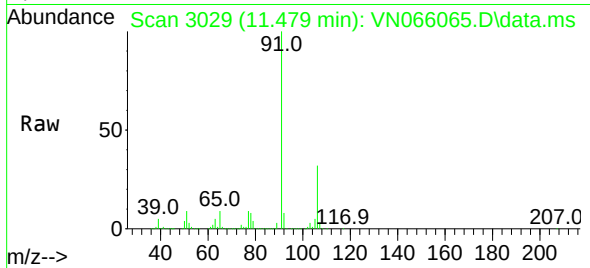




#67
Ethyl Benzene
Concen: 224.35 ug/l
RT: 11.479 min Scan# 3029
Delta R.T. 0.000 min
Lab File: VN066065.D
Acq: 26 Feb 2021 20:39

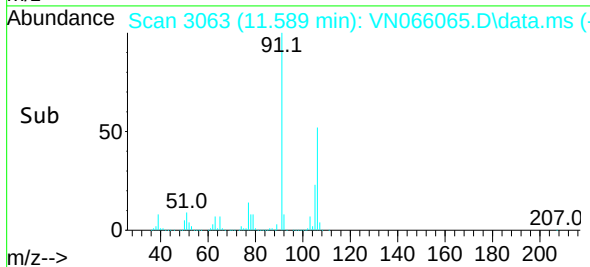
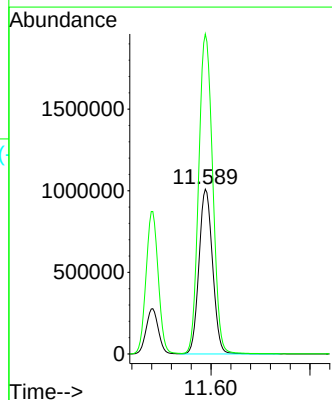
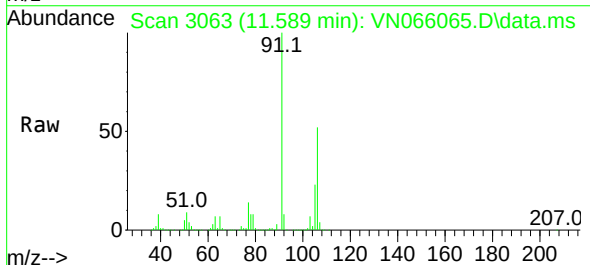
Instrument :
MSVOA_N
ClientSampleId :
TRE-1159-1160

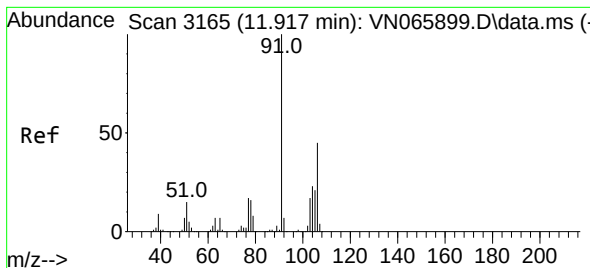
Tgt Ion: 91 Resp: 1493123
Ion Ratio Lower Upper
91 100
106 31.6 25.5 38.3



#68
m/p-Xylenes
Concen: 776.86 ug/l
RT: 11.589 min Scan# 3063
Delta R.T. -0.003 min
Lab File: VN066065.D
Acq: 26 Feb 2021 20:39

Tgt Ion:106 Resp: 1929271
Ion Ratio Lower Upper
106 100
91 199.7 161.4 242.0

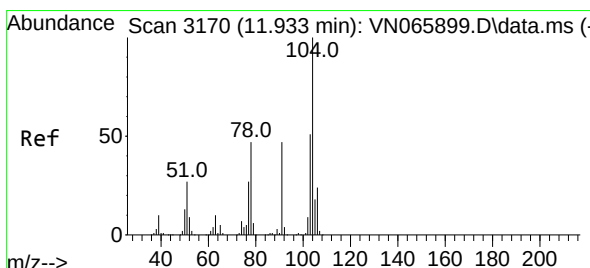
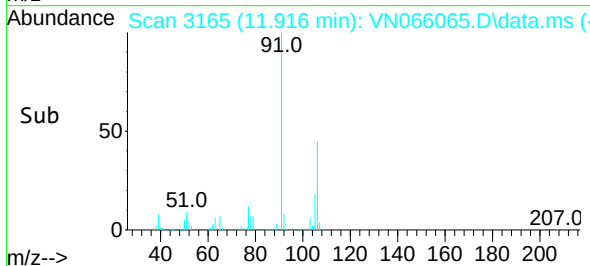
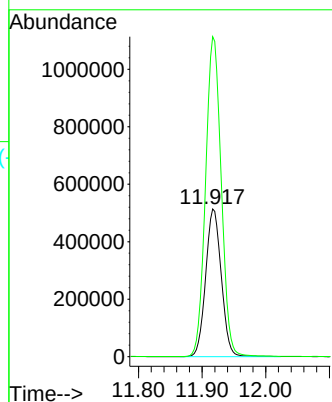
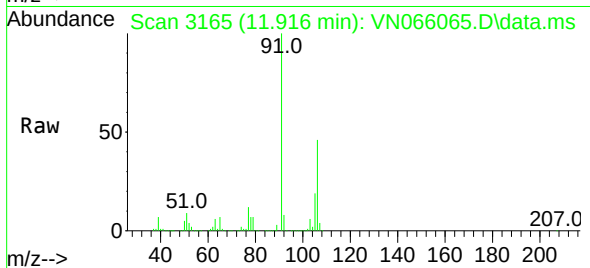




#69
o-Xylene
Concen: 364.63 ug/l
RT: 11.916 min Scan# 3165
Delta R.T. -0.001 min
Lab File: VN066065.D
Acq: 26 Feb 2021 20:39

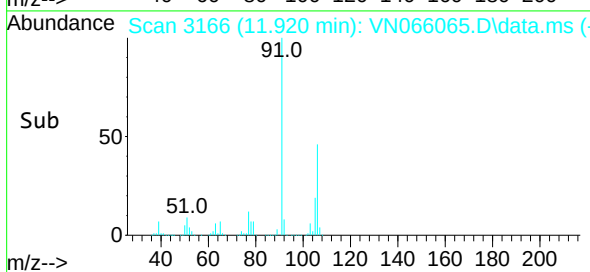
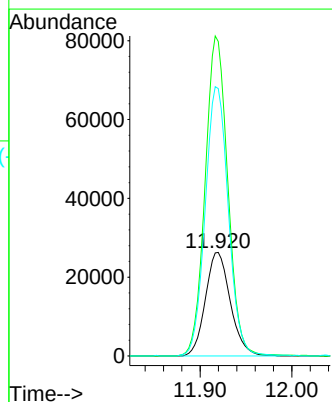
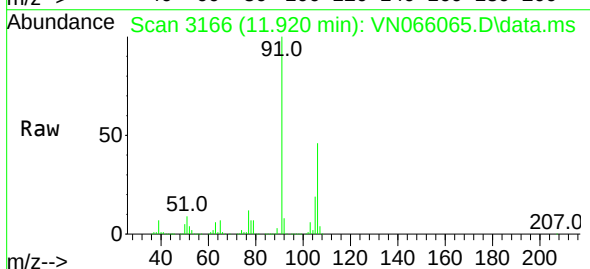
Instrument :
MSVOA_N
ClientSampleId :
TRE-1159-1160

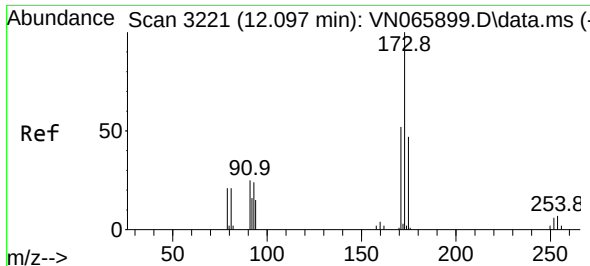
Tgt Ion:106 Resp: 873113
Ion Ratio Lower Upper
106 100
91 217.9 106.8 320.4



#70
Styrene
Concen: 12.58 ug/l
RT: 11.920 min Scan# 3166
Delta R.T. -0.013 min
Lab File: VN066065.D
Acq: 26 Feb 2021 20:39

Tgt Ion:104 Resp: 49591
Ion Ratio Lower Upper
104 100
78 281.0 39.0 58.4#
103 242.1 44.5 66.7#

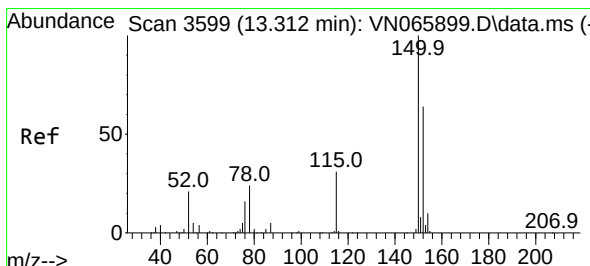
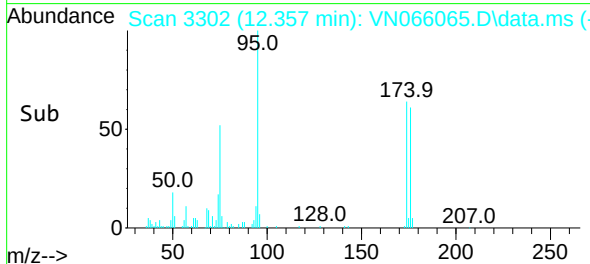
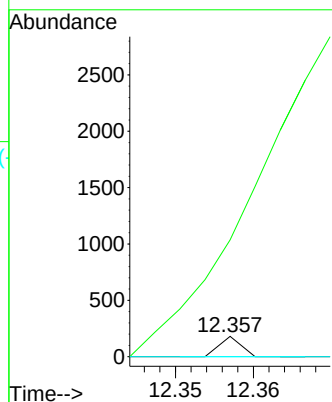
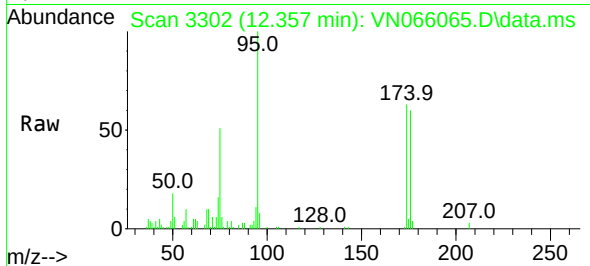




#71
Bromoform
Concen: 2.53 ug/l
RT: 12.357 min Scan# 3302
Delta R.T. 0.260 min
Lab File: VN066065.D
Acq: 26 Feb 2021 20:39

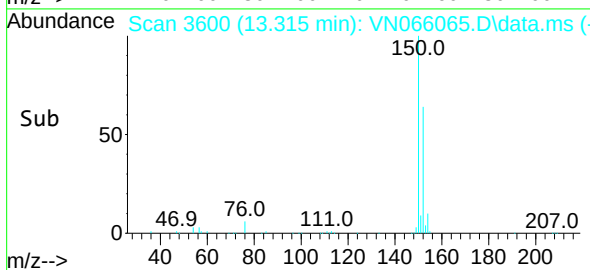
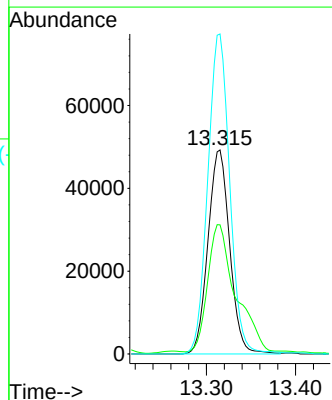
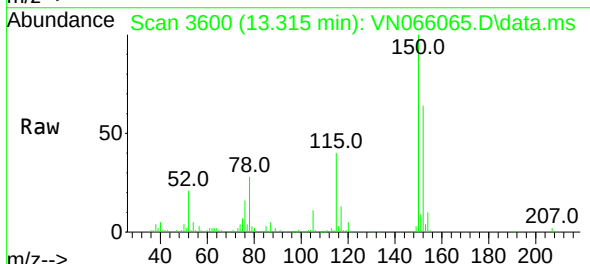
Instrument :
MSVOA_N
ClientSampleId :
TRE-1159-1160

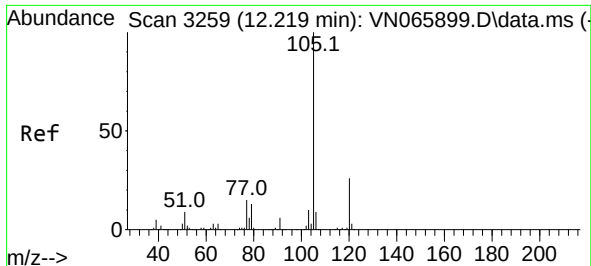
Tgt Ion:173 Resp: 35
Ion Ratio Lower Upper
173 100
175 12182.9 23.8 71.2#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN066065.D
Acq: 26 Feb 2021 20:39

Tgt Ion:152 Resp: 83365
Ion Ratio Lower Upper
152 100
115 85.6 28.5 85.6
150 158.3 0.0 347.6

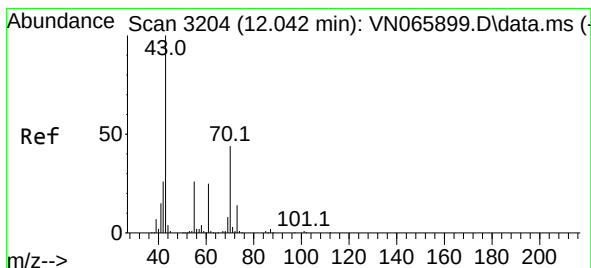
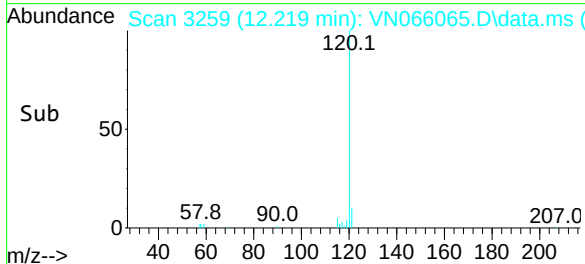
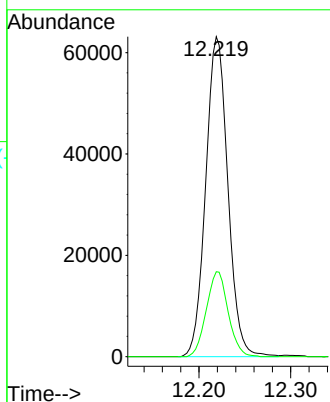
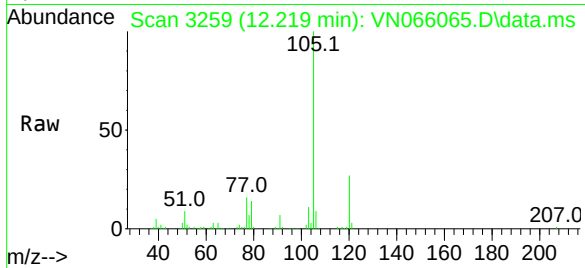




#73
Isopropylbenzene
Concen: 15.57 ug/l
RT: 12.219 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VN066065.D
Acq: 26 Feb 2021 20:39

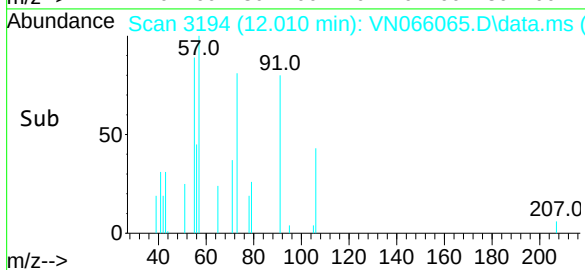
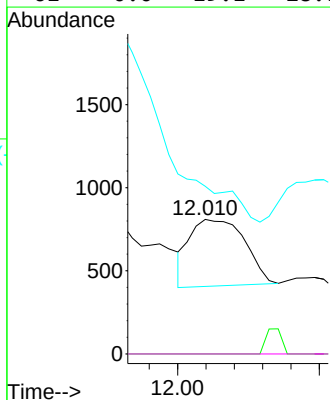
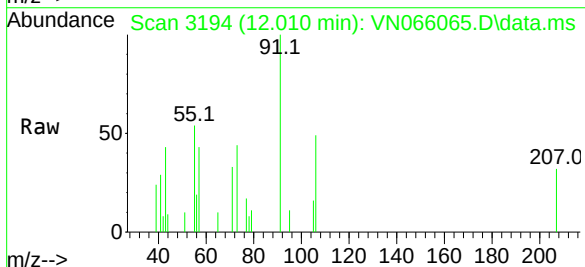
Instrument :
MSVOA_N
ClientSampleId :
TRE-1159-1160

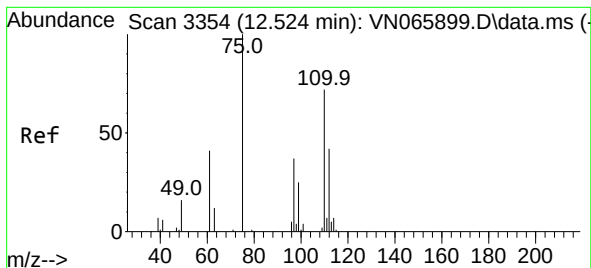
Tgt Ion:105 Resp: 105953
Ion Ratio Lower Upper
105 100
120 26.1 13.3 39.9



#74
N-ethyl acetate
Concen: 0.23 ug/l
RT: 12.010 min Scan# 3194
Delta R.T. -0.032 min
Lab File: VN066065.D
Acq: 26 Feb 2021 20:39

Tgt Ion: 43 Resp: 542
Ion Ratio Lower Upper
43 100
70 0.0 34.4 51.6#
55 0.0 20.7 31.1#
61 0.0 19.1 28.7#

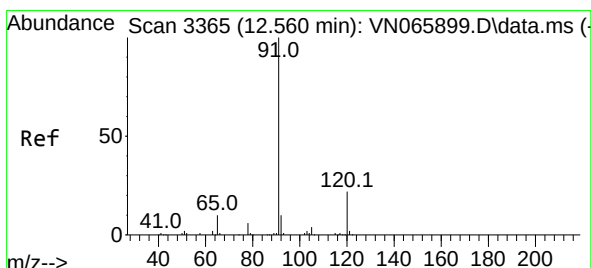
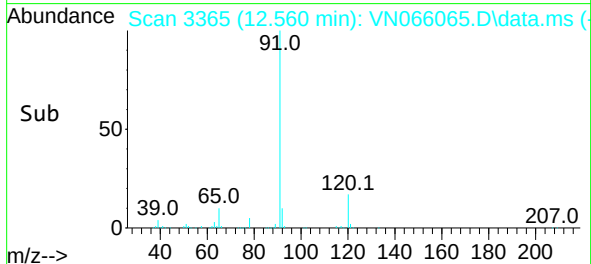
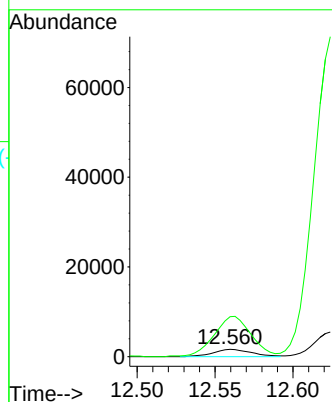
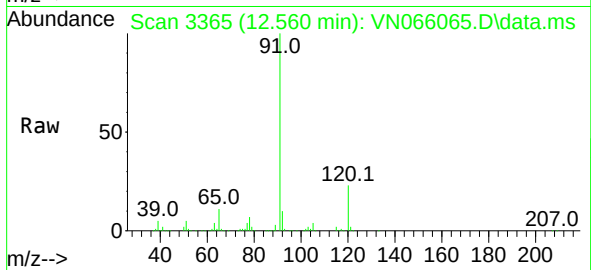




#76
1,2,3-Trichloropropane
Concen: 1.42 ug/l
RT: 12.560 min Scan# 3365
Delta R.T. 0.036 min
Lab File: VN066065.D
Acq: 26 Feb 2021 20:39

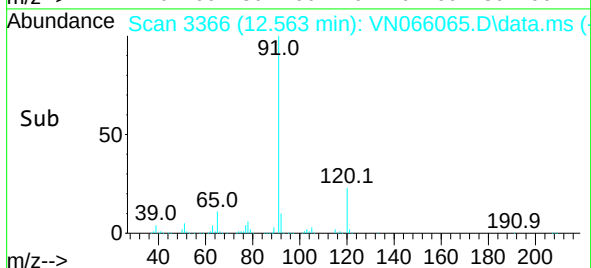
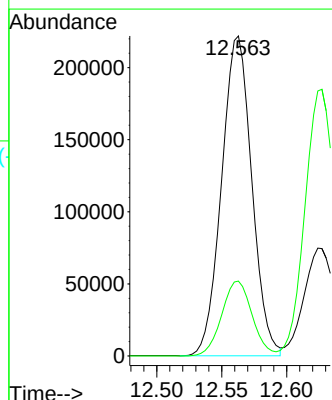
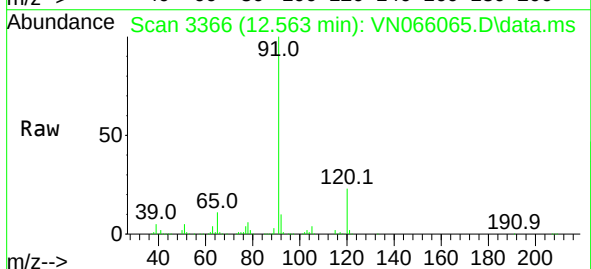
Instrument :
MSVOA_N
ClientSampleId :
TRE-1159-1160

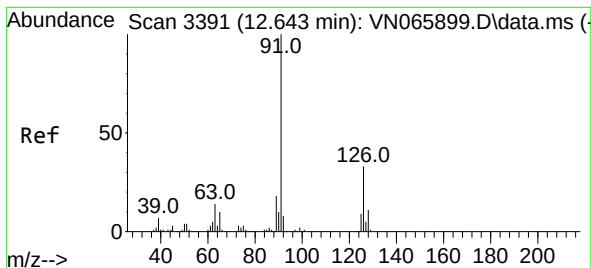
Tgt Ion: 75 Resp: 2836
Ion Ratio Lower Upper
75 100
77 523.9 0.0 0.0#



#78
n-propylbenzene
Concen: 46.31 ug/l
RT: 12.563 min Scan# 3366
Delta R.T. 0.003 min
Lab File: VN066065.D
Acq: 26 Feb 2021 20:39

Tgt Ion: 91 Resp: 358350
Ion Ratio Lower Upper
91 100
120 23.6 11.8 35.3

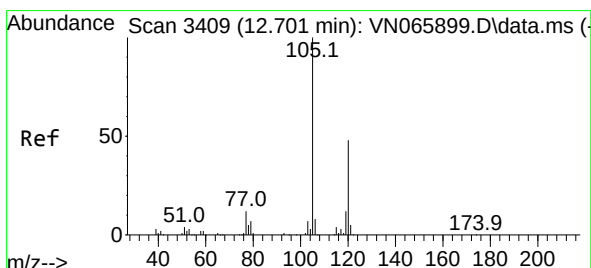
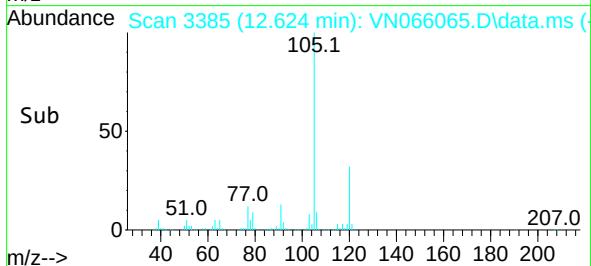
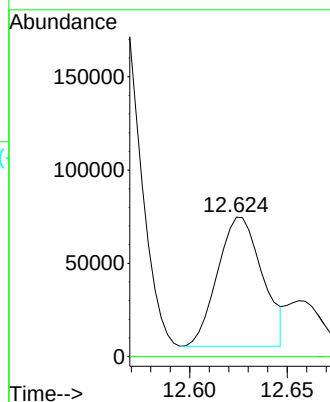
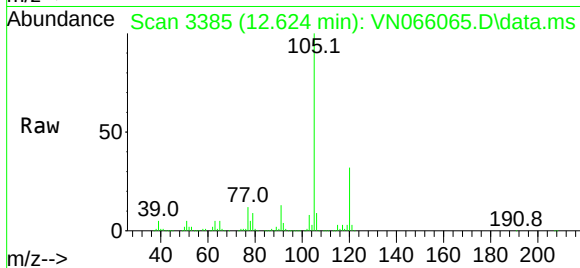




#79
2-Chlorotoluene
Concen: 22.85 ug/l
RT: 12.624 min Scan# 3385
Delta R.T. -0.019 min
Lab File: VN066065.D
Acq: 26 Feb 2021 20:39

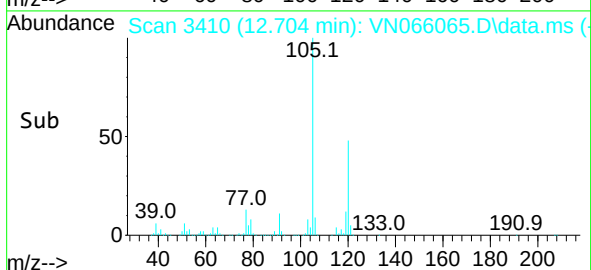
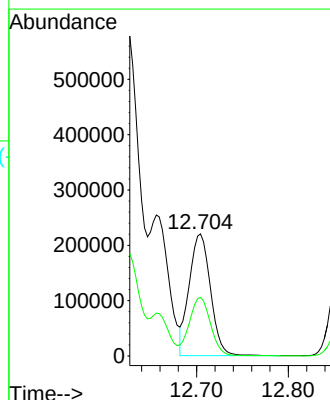
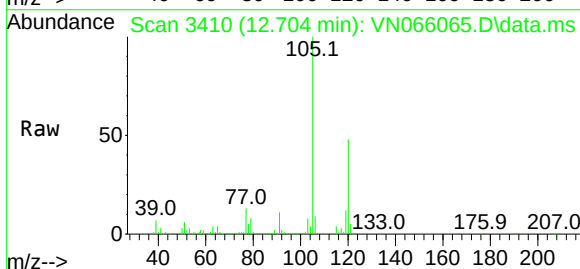
Instrument :
MSVOA_N
ClientSampleId :
TRE-1159-1160

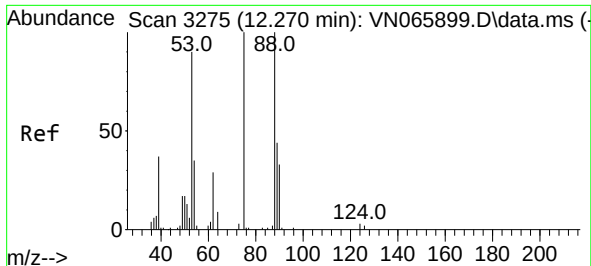
Tgt Ion: 91 Resp: 110802
Ion Ratio Lower Upper
91 100
126 0.0 17.4 52.3#



#80
1,3,5-Trimethylbenzene
Concen: 61.25 ug/l
RT: 12.704 min Scan# 3410
Delta R.T. 0.003 min
Lab File: VN066065.D
Acq: 26 Feb 2021 20:39

Tgt Ion: 105 Resp: 354045
Ion Ratio Lower Upper
105 100
120 48.4 24.3 72.8

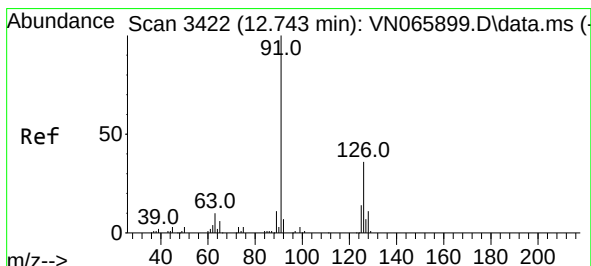
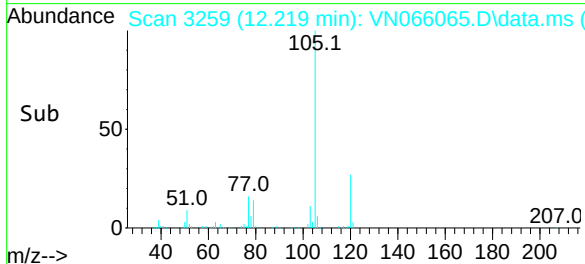
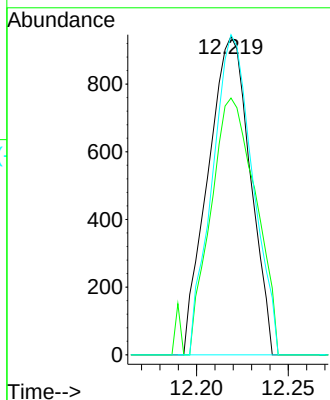
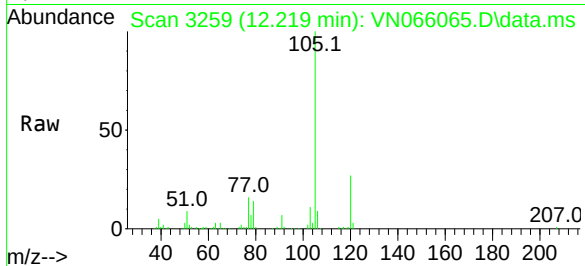




#81
trans-1,4-Dichloro-2-butene
Concen: 2.39 ug/l
RT: 12.219 min Scan# 3259
Delta R.T. -0.051 min
Lab File: VN066065.D
Acq: 26 Feb 2021 20:39

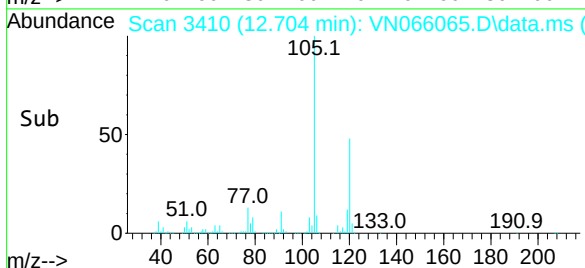
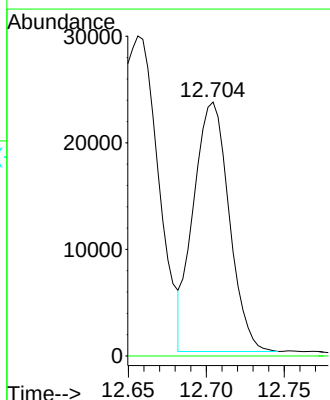
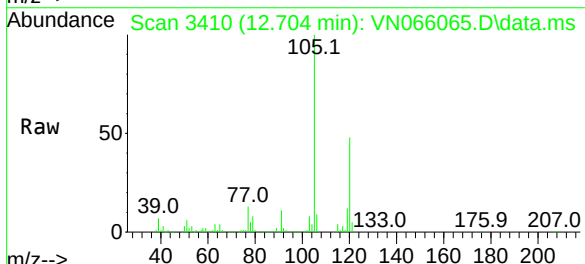
Instrument :
MSVOA_N
ClientSampleId :
TRE-1159-1160

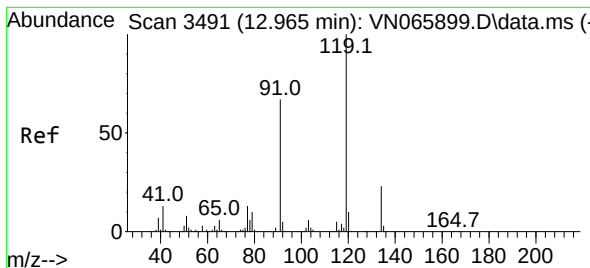
Tgt Ion: 75 Resp: 1504
Ion Ratio Lower Upper
75 100
53 85.8 74.6 111.8
89 96.3 35.8 53.8#



#82
4-Chlorotoluene
Concen: 7.59 ug/l
RT: 12.704 min Scan# 3410
Delta R.T. -0.039 min
Lab File: VN066065.D
Acq: 26 Feb 2021 20:39

Tgt Ion: 91 Resp: 37157
Ion Ratio Lower Upper
91 100
126 0.0 17.2 51.6#

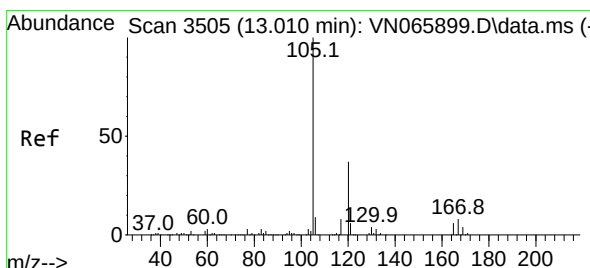
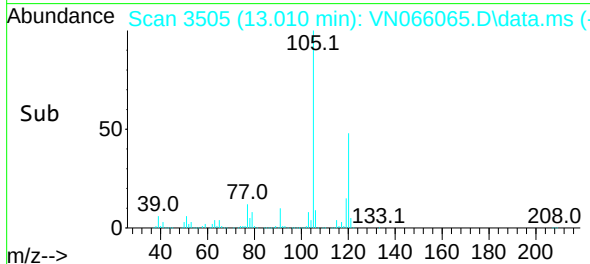
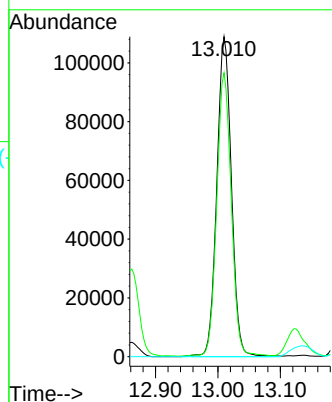
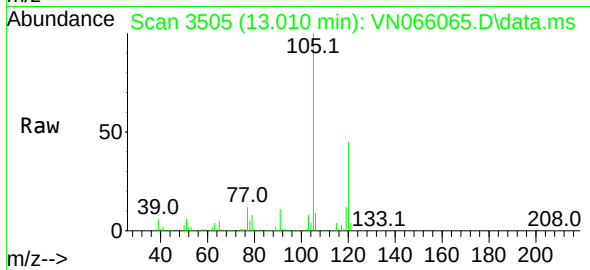




#83
tert-Butylbenzene
Concen: 37.09 ug/l
RT: 13.010 min Scan# 3505
Delta R.T. 0.045 min
Lab File: VN066065.D
Acq: 26 Feb 2021 20:39

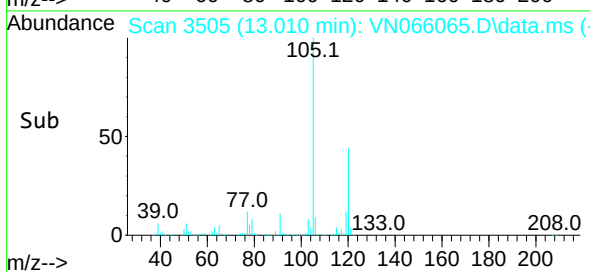
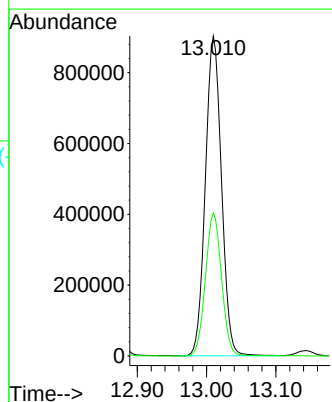
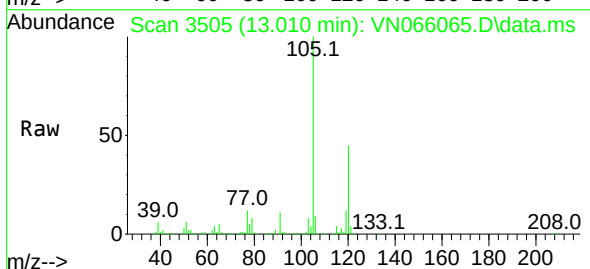
Instrument :
MSVOA_N
ClientSampleId :
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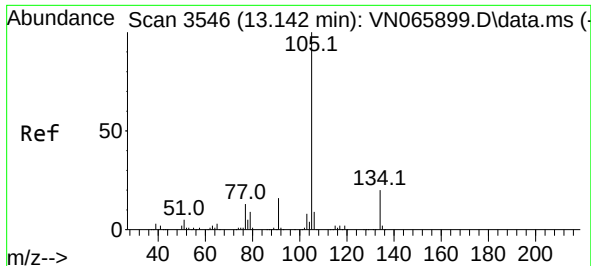
Tgt Ion:119 Resp: 177117
Ion Ratio Lower Upper
119 100
91 88.2 33.0 98.9
134 0.0 12.7 38.1#



#84
1,2,4-Trimethylbenzene
Concen: 251.04 ug/l
RT: 13.010 min Scan# 3505
Delta R.T. -0.000 min
Lab File: VN066065.D
Acq: 26 Feb 2021 20:39

Tgt Ion:105 Resp: 1456618
Ion Ratio Lower Upper
105 100
120 44.7 22.4 67.0

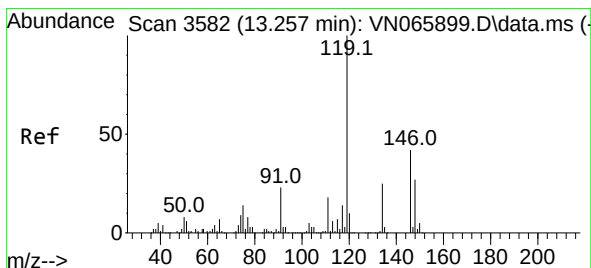
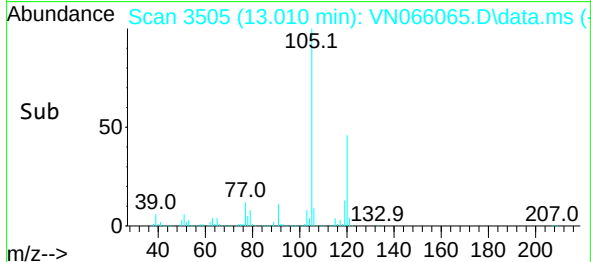
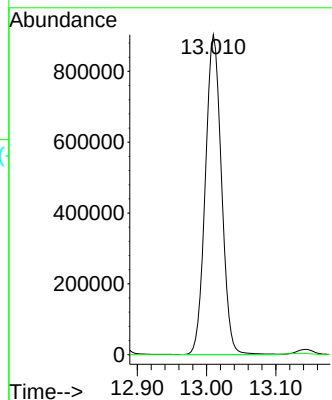
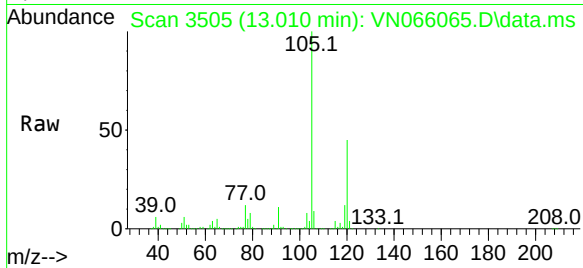




#85
 sec-Butylbenzene
 Concen: 234.92 ug/l
 RT: 13.010 min Scan# 3505
 Delta R.T. -0.132 min
 Lab File: VN066065.D
 Acq: 26 Feb 2021 20:39

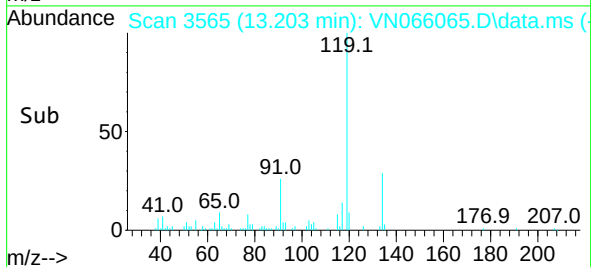
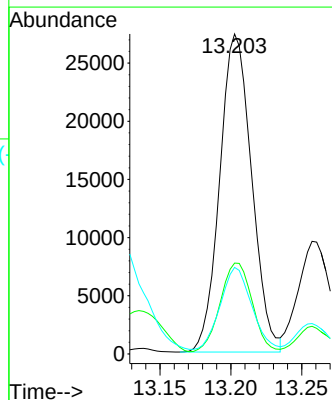
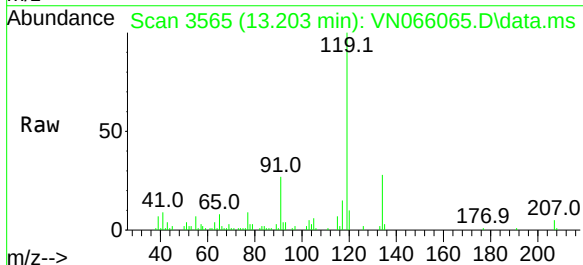
Instrument :
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 TRE-1159-1160

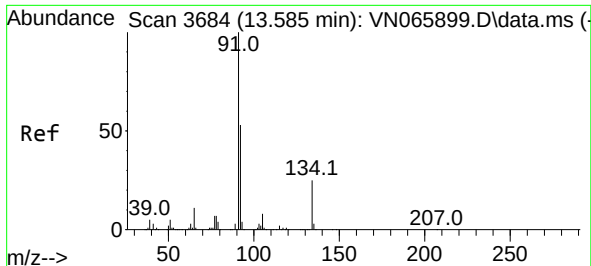
Tgt Ion:105 Resp: 1456618
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.0 30.0#



#86
 p-Isopropyltoluene
 Concen: 7.62 ug/l
 RT: 13.203 min Scan# 3565
 Delta R.T. -0.054 min
 Lab File: VN066065.D
 Acq: 26 Feb 2021 20:39

Tgt Ion:119 Resp: 42884
 Ion Ratio Lower Upper
 119 100
 134 29.4 13.3 39.8
 91 24.9 11.8 35.3

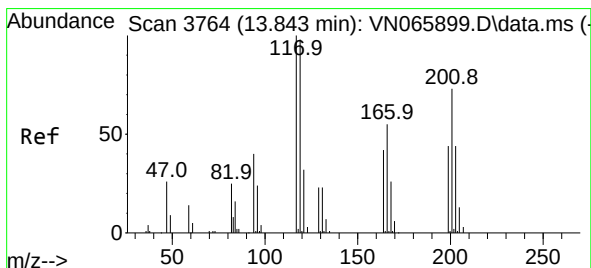
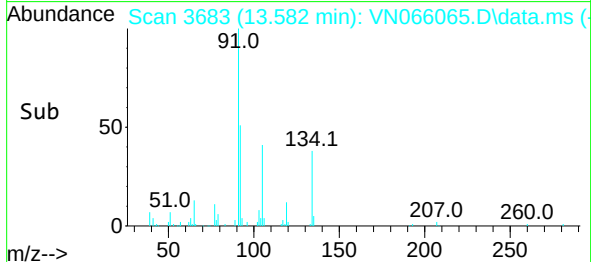
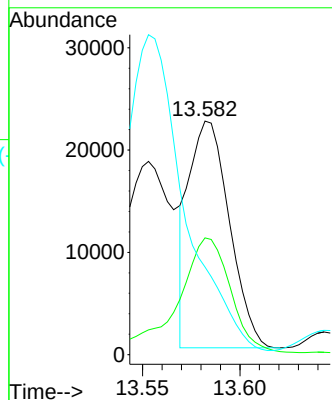
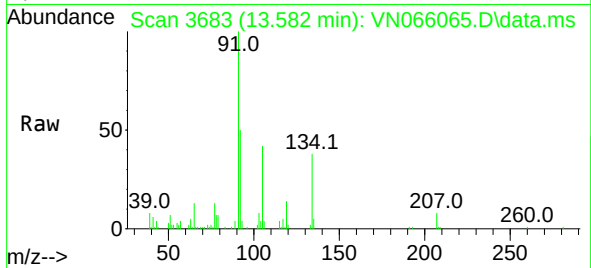




#89
n-Butylbenzene
Concen: 6.72 ug/l
RT: 13.582 min Scan# 3683
Delta R.T. -0.003 min
Lab File: VN066065.D
Acq: 26 Feb 2021 20:39

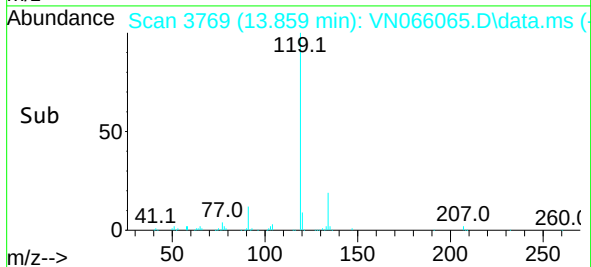
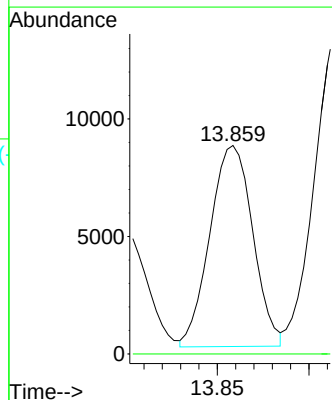
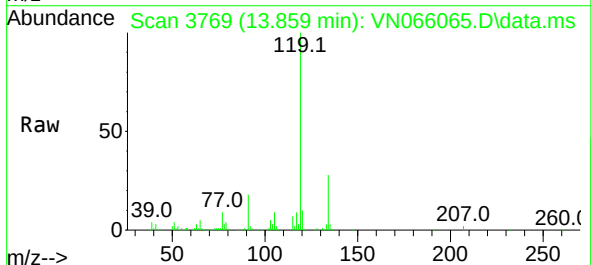
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ClientSampleId :
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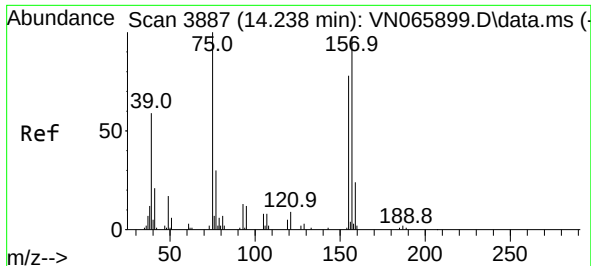
Tgt Ion: 91 Resp: 31919
Ion Ratio Lower Upper
91 100
92 66.2 26.1 78.3
134 0.0 13.0 38.9#



#90
Hexachloroethane
Concen: 14.60 ug/l
RT: 13.859 min Scan# 3769
Delta R.T. 0.016 min
Lab File: VN066065.D
Acq: 26 Feb 2021 20:39

Tgt Ion: 117 Resp: 13917
Ion Ratio Lower Upper
117 100
201 0.0 37.8 113.3#

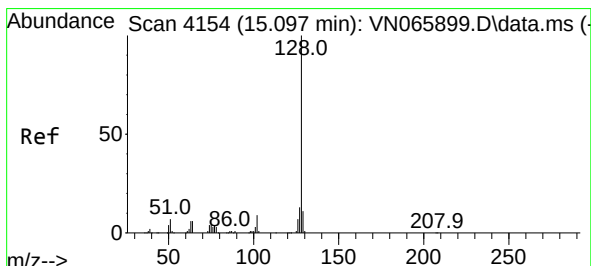
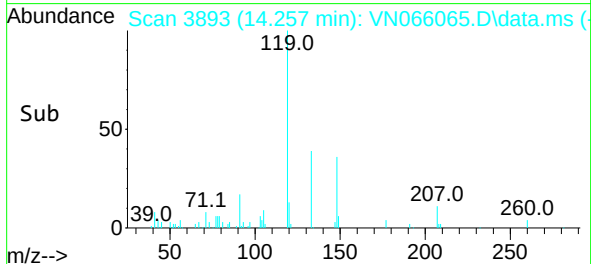
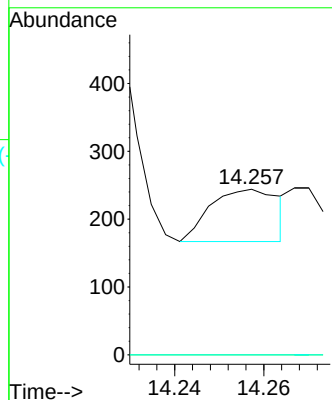
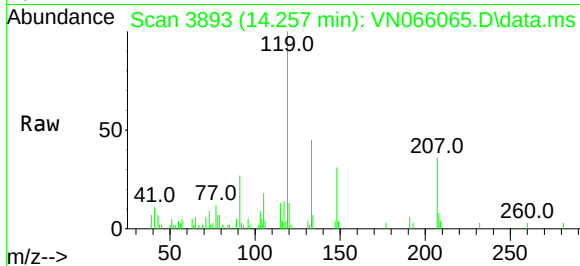




#92
1,2-Dibromo-3-Chloropropane
Concen: 1.05 ug/l
RT: 14.257 min Scan# 3893
Delta R.T. 0.019 min
Lab File: VN066065.D
Acq: 26 Feb 2021 20:39

Instrument :
MSVOA_N
ClientSampleId :
TRE-1159-1160

Tgt Ion: 75 Resp: 82
Ion Ratio Lower Upper
75 100
155 0.0 44.1 132.4#
157 0.0 56.0 168.2#



#95
Naphthalene
Concen: 71.06 ug/l
RT: 15.096 min Scan# 4154
Delta R.T. -0.001 min
Lab File: VN066065.D
Acq: 26 Feb 2021 20:39

Tgt Ion: 128 Resp: 350223
Ion Ratio Lower Upper
128 100
127 13.4 10.2 15.2
129 11.2 8.6 13.0

