

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061720\
 Data File : VN061887.D
 Acq On : 18 Jun 2020 7:29
 Operator : JC/MD
 Sample : L3011-11MSD
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE117D1-20200611MSD

Quant Time: Jun 18 08:07:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 01:19:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	151419	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	264600	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	247855	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	121051	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	91176	44.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.80%	
35) Dibromofluoromethane	7.55	113	78865	46.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.18%	
50) Toluene-d8	10.06	98	301911	45.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.74%	
62) 4-Bromofluorobenzene	12.38	95	102413	44.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	109419	55.505	ug/l	97
3) Chloromethane	2.03	50	112469	53.511	ug/l	98
4) Vinyl Chloride	2.16	62	139972	55.864	ug/l	97
5) Bromomethane	2.52	94	94508	49.118	ug/l	99
6) Chloroethane	2.67	64	92669	54.648	ug/l	99
7) Trichlorofluoromethane	2.98	101	163725	54.705	ug/l	99
8) Diethyl Ether	3.37	74	56176	55.832	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	81190	52.878	ug/l	99
10) Methyl Iodide	3.91	142	106662	56.755	ug/l	99
11) Tert butyl alcohol	4.73	59	74492	265.082	ug/l #	87
12) 1,1-Dichloroethene	3.70	96	85745	55.733	ug/l	98
13) Acrolein	3.57	56	40126	238.909	ug/l	97
14) Allyl chloride	4.27	41	105760	51.795	ug/l	99
15) Acrylonitrile	4.93	53	190329	273.340	ug/l	99
16) Acetone	3.77	43	155883	259.871	ug/l	98
17) Carbon Disulfide	4.01	76	241476	53.642	ug/l	97
18) Methyl Acetate	4.28	43	77845	45.076	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	275427	53.768	ug/l	99
20) Methylene Chloride	4.50	84	99795	51.064	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	95781	54.201	ug/l	98
22) Diisopropyl ether	5.90	45	243629	52.170	ug/l	97
23) Vinyl Acetate	5.84	43	817108	222.467	ug/l	99
24) 1,1-Dichloroethane	5.80	63	161158	52.717	ug/l	97
25) 2-Butanone	6.78	43	236298	270.000	ug/l	99
26) 2,2-Dichloropropane	6.77	77	93990	36.544	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	110706	54.294	ug/l	96
28) Bromochloromethane	7.33	49	12986	9.541	ug/l #	6
29) Tetrahydrofuran	7.17	42	154052	267.469	ug/l	98
30) Chloroform	7.33	83	170546	52.200	ug/l	99
31) Cyclohexane	7.61	56	133476	49.876	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	148143	53.242	ug/l	99
36) 1,1-Dichloropropene	7.75	75	125841	52.142	ug/l	98
37) Ethyl Acetate	6.88	43	86363	45.824	ug/l	99
38) Carbon Tetrachloride	7.73	117	132341	55.373	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	138730	53.383	ug/l	99
40) Benzene	8.00	78	386000	52.798	ug/l	98
41) Methacrylonitrile	7.17	41	140547	174.396	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	129275	51.859	ug/l	100
43) Isopropyl Acetate	8.13	43	150121	47.266	ug/l	96
44) Trichloroethene	8.80	130	248746	129.283	ug/l	99
45) 1,2-Dichloropropane	9.08	63	95304	53.045	ug/l	97
46) Dibromomethane	9.17	93	67026	52.977	ug/l	98
47) Bromodichloromethane	9.37	83	137843	53.208	ug/l	98
48) Methyl methacrylate	9.17	41	77657	53.765	ug/l	99
49) 1,4-Dioxane	9.17	88	37663	1135.755	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	504406	268.748	ug/l	100
52) Toluene	10.12	92	251037	54.675	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	140503	51.088	ug/l	96
54) cis-1,3-Dichloropropene	9.81	75	148644	49.761	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	98572	54.565	ug/l	98
56) Ethyl methacrylate	10.40	69	134463	48.803	ug/l	99
57) 1,3-Dichloropropane	10.68	76	163470	53.413	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.81	63	784	0.822	ug/l #	44
59) 2-Hexanone	10.72	43	369638	246.702	ug/l	99
60) Dibromochloromethane	10.87	129	111203	55.166	ug/l	99
61) 1,2-Dibromoethane	10.98	107	99601	52.801	ug/l	97
64) Tetrachloroethene	10.60	164	82996	52.538	ug/l	98
65) Chlorobenzene	11.41	112	268537	51.346	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	98138	53.803	ug/l	100
67) Ethyl Benzene	11.48	91	473300	53.976	ug/l	100
68) m/p-Xylenes	11.59	106	369911	109.401	ug/l	99
69) o-Xylene	11.92	106	178526	55.336	ug/l	100
70) Styrene	11.94	104	300610	55.649	ug/l	100
71) Bromoform	12.10	173	74161	55.761	ug/l #	98
73) Isopropylbenzene	12.22	105	462662	53.785	ug/l	99
74) N-amyl acetate	12.05	43	126999	41.334	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	141643	50.646	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	171117	72.003	ug/l #	100
77) Bromobenzene	12.50	156	115297	53.128	ug/l	97
78) n-propylbenzene	12.57	91	516990	52.672	ug/l	99
79) 2-Chlorotoluene	12.65	91	308355	52.308	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	381215	53.567	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	41396	47.508	ug/l	99
82) 4-Chlorotoluene	12.75	91	323922	53.177	ug/l	99
83) tert-Butylbenzene	12.97	119	329063	54.541	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	390229	55.548	ug/l	100
85) sec-Butylbenzene	13.15	105	424568	53.764	ug/l	100
86) p-Isopropyltoluene	13.26	119	385816	54.829	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	205979	52.040	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	206842	51.052	ug/l	99
89) n-Butylbenzene	13.59	91	299469	50.959	ug/l	100
90) Hexachloroethane	13.85	117	70529	54.755	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	202326	53.097	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	24644	54.278	ug/l	99

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Quant Title : SW846 8260
QLast Update : Wed Jun 17 01:19:44 2020
Response via : Initial Calibration

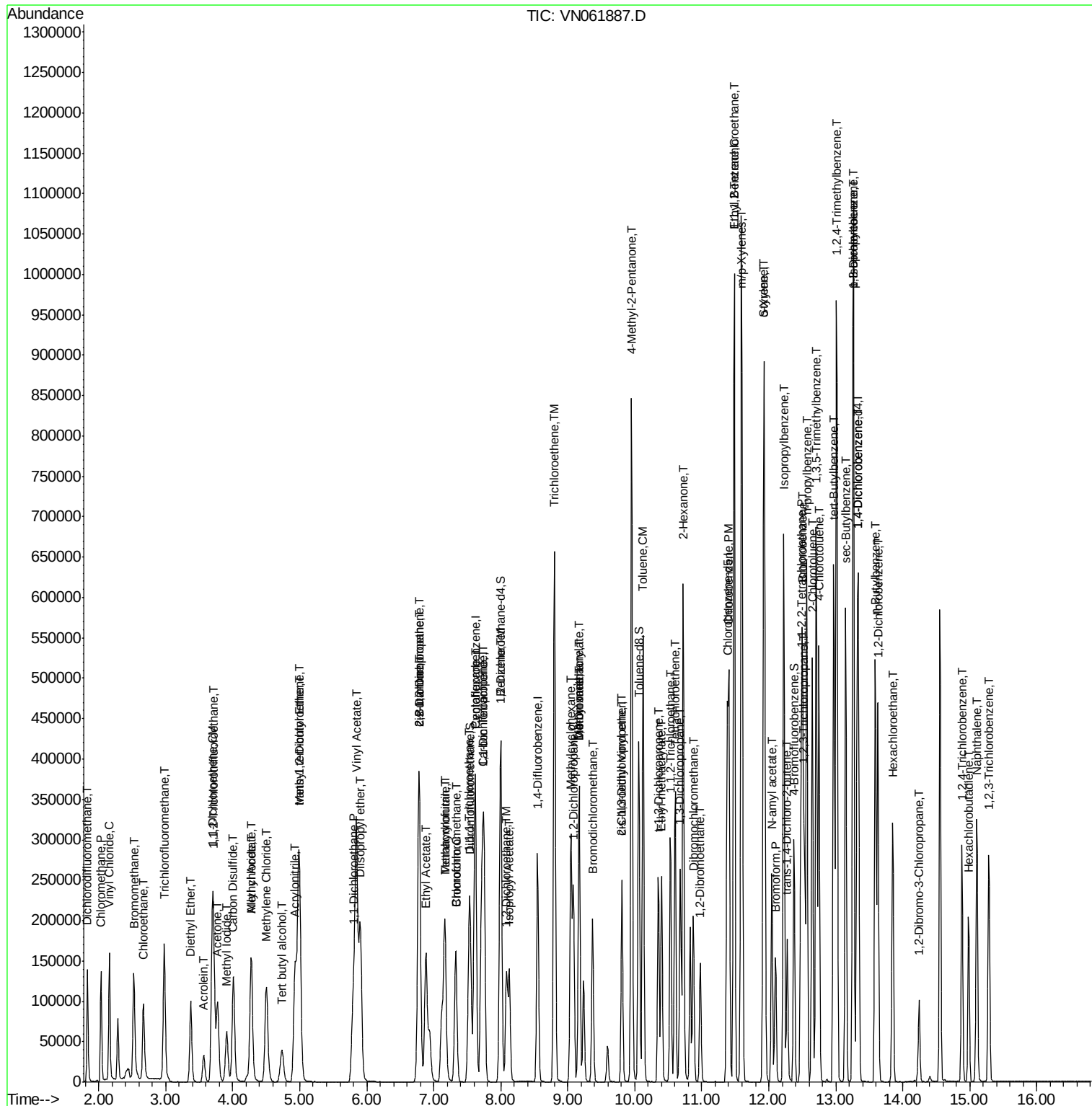
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	92669	51.538	ug/l	100
94) Hexachlorobutadiene	14.99	225	34140	48.208	ug/l	95
95) Naphthalene	15.10	128	284986	47.515	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	95115	53.413	ug/l	99

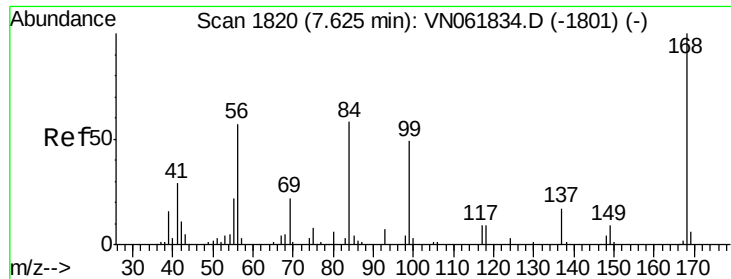
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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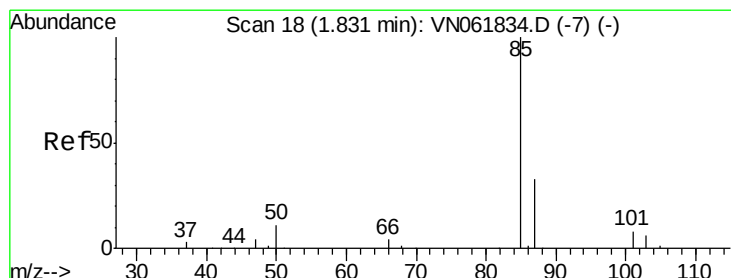
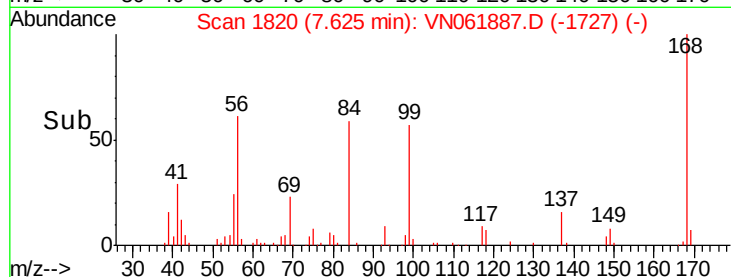
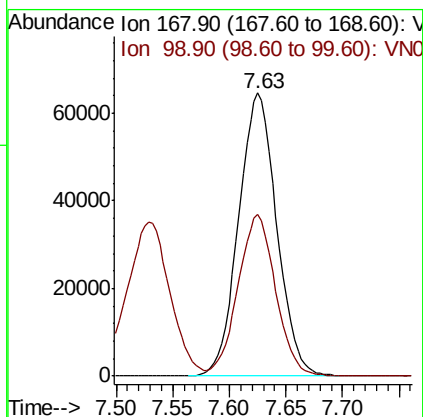
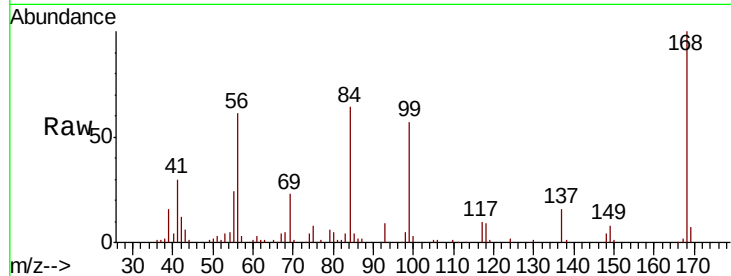




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. -0.00 min
Lab File: VN061887.D
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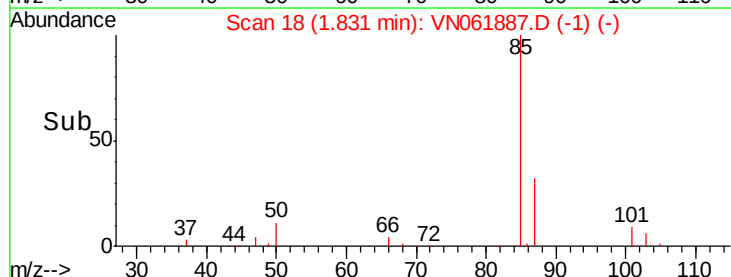
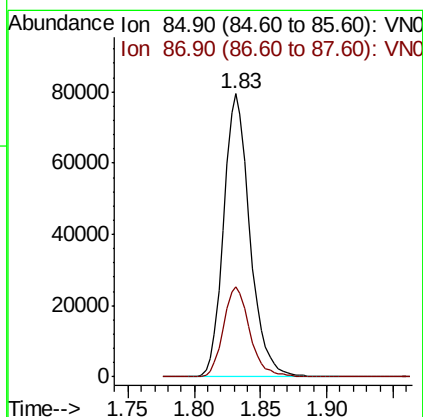
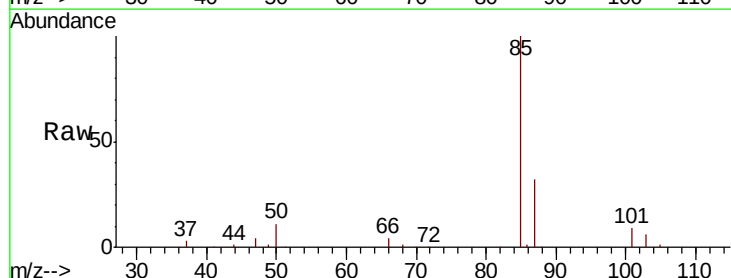
Instrument :
MSVOA_N
ClientSampleId :
RE117D1-20200611MSD

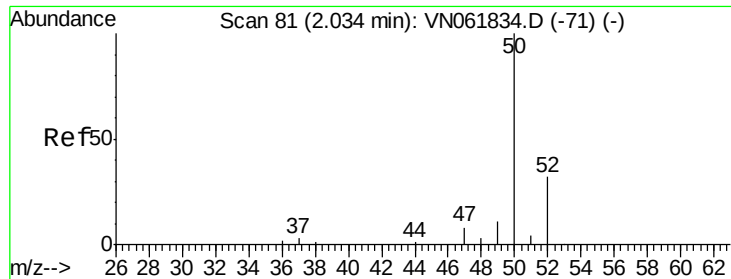
Tot Ion:168 Resp: 151419
Ion Ratio Lower Upper
168 100
99 56.8 44.6 67.0



#2
Dichlorodifluoromethane
Concen: 55.505 ug/l
RT: 1.83 min Scan# 18
Delta R.T. 0.00 min
Lab File: VN061887.D
Acq: 18 Jun 2020 7:29

Tgt Ion: 85 Resp: 109419
Ion Ratio Lower Upper
85 100
87 31.7 16.6 49.8

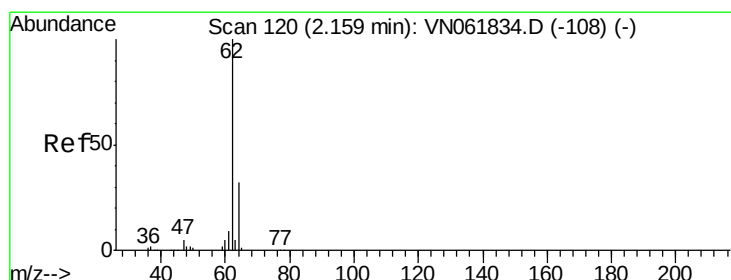
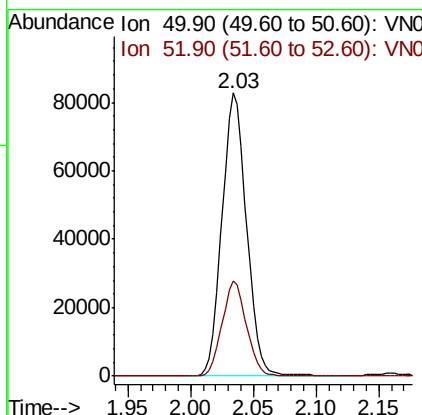
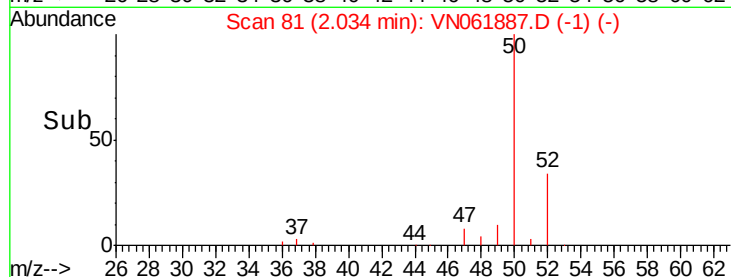
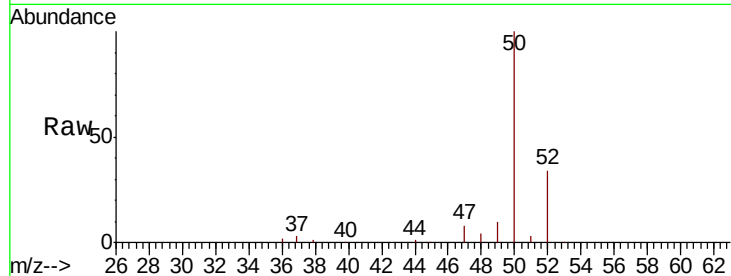




#3
Chloromethane
Concen: 53.511 ug/l
RT: 2.03 min Scan# 81
Delta R.T. -0.00 min
Lab File: VN061887.D
Acq: 18 Jun 2020 7:29

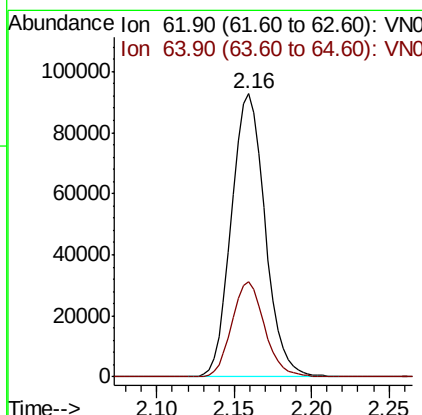
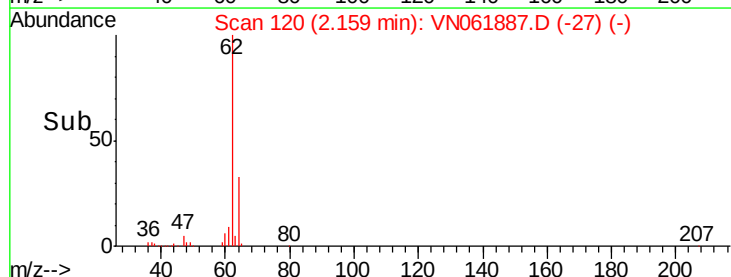
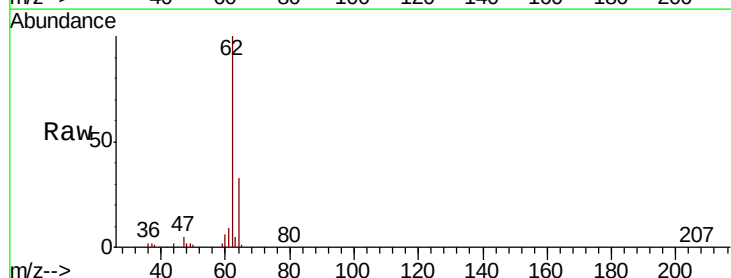
Instrument :
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ClientSampleId :
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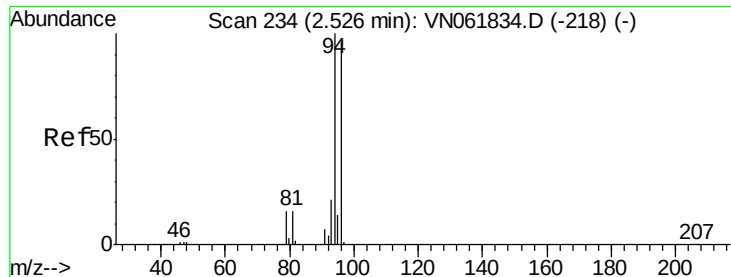
Tot Ion: 50 Resp: 112469
Ion Ratio Lower Upper
50 100
52 33.8 26.0 39.0



#4
Vinyl Chloride
Concen: 55.864 ug/l
RT: 2.16 min Scan# 120
Delta R.T. -0.00 min
Lab File: VN061887.D
Acq: 18 Jun 2020 7:29

Tgt Ion: 62 Resp: 139972
Ion Ratio Lower Upper
62 100
64 33.4 25.5 38.3





#5

Bromomethane

Concen: 49.118 ug/l

RT: 2.52 min Scan# 233

Delta R.T. -0.00 min

Lab File: VN061887.D

Acq: 18 Jun 2020 7:29

Instrument :

MSVOA_N

ClientSampleId :

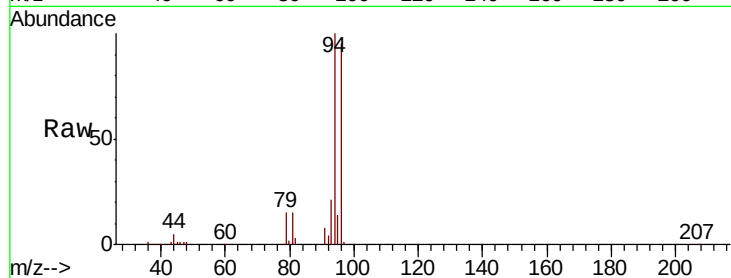
RE117D1-20200611MSD

Tot Ion: 94 Resp: 94508

Ion Ratio Lower Upper

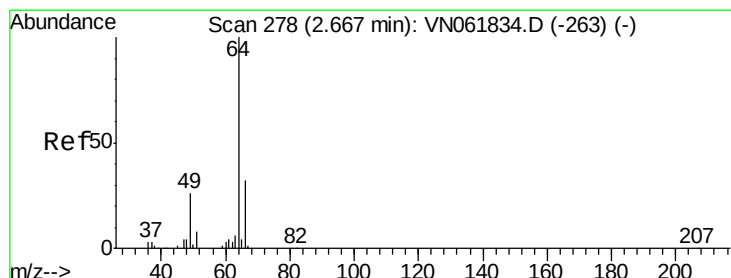
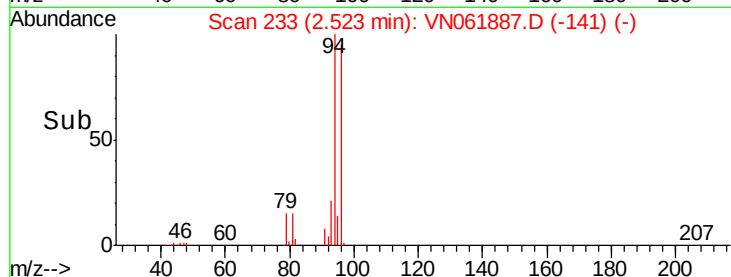
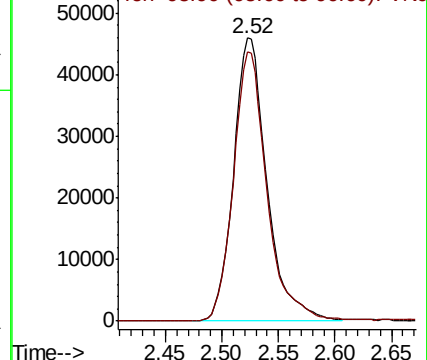
94 100

96 95.3 76.7 115.1



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 54.648 ug/l

RT: 2.67 min Scan# 278

Delta R.T. -0.00 min

Lab File: VN061887.D

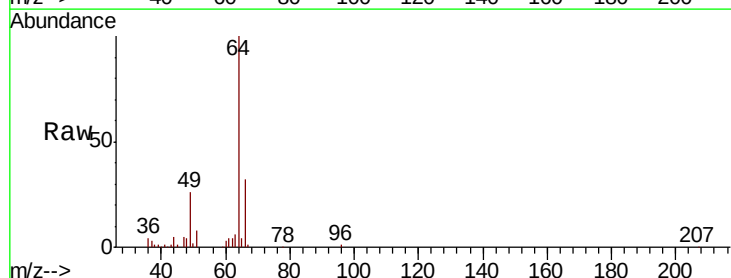
Acq: 18 Jun 2020 7:29

Tgt Ion: 64 Resp: 92669

Ion Ratio Lower Upper

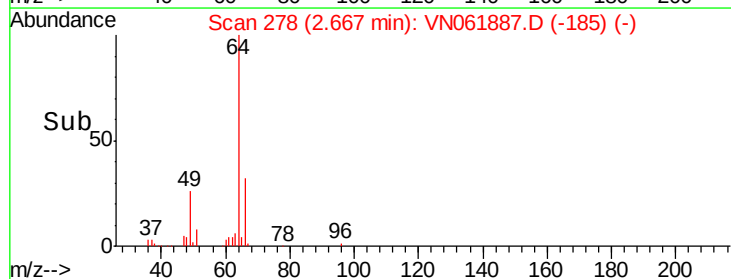
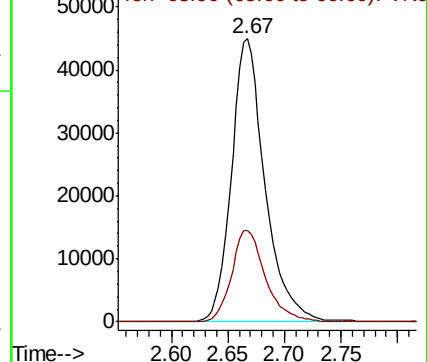
64 100

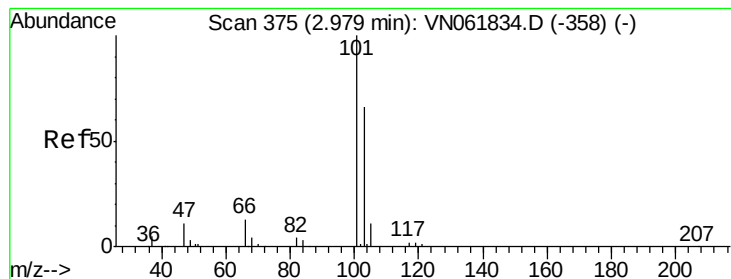
66 32.5 25.4 38.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



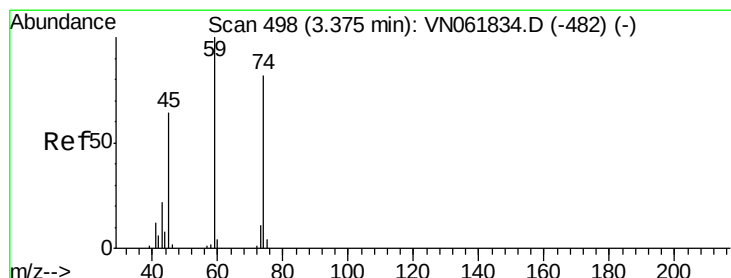
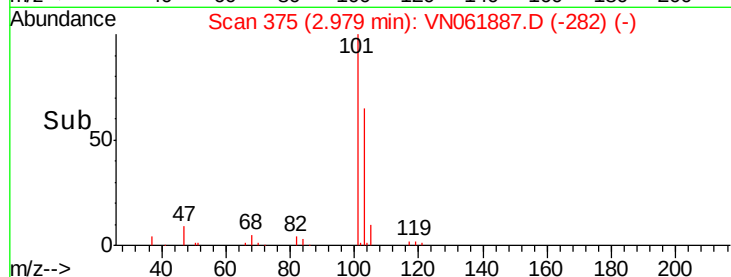
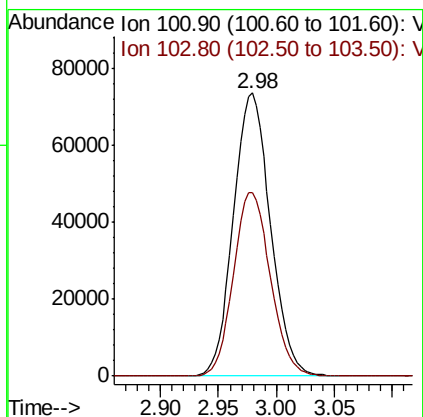
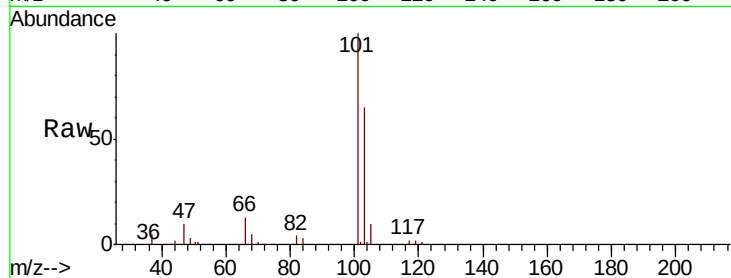


#7

Trichlorofluoromethane
 Concen: 54.705 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. -0.00 min
 Lab File: VN061887.D
 Acq: 18 Jun 2020 7:29

Instrument :
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 ClientSampleId :
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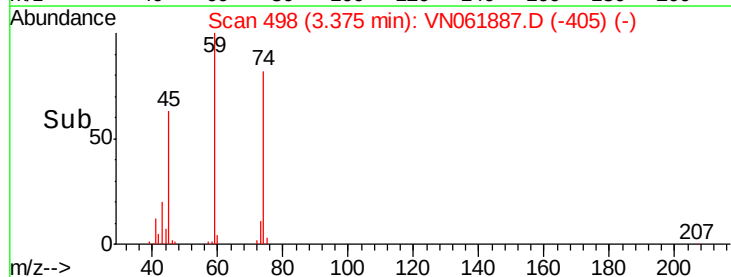
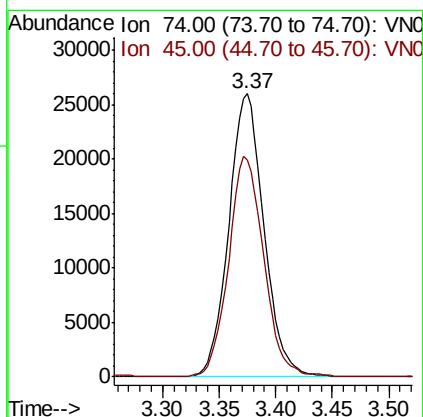
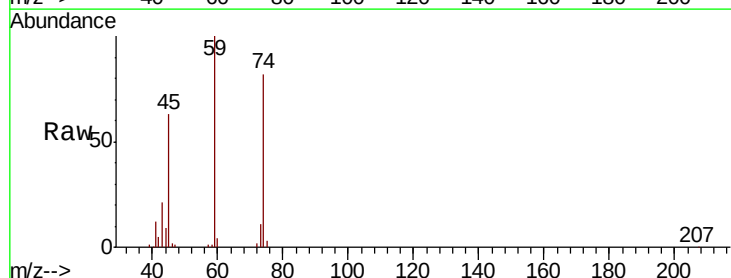
Tot Ion:101 Resp: 163725
 Ion Ratio Lower Upper
 101 100
 103 65.0 52.8 79.2

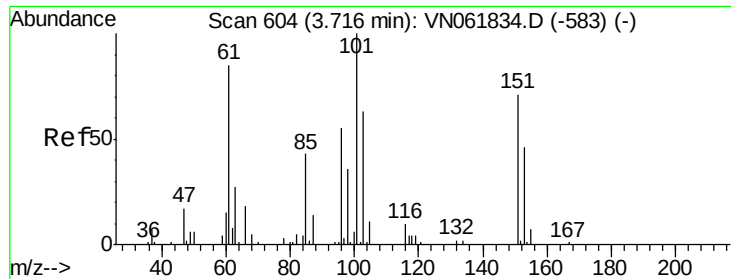


#8

Diethyl Ether
 Concen: 55.832 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. -0.00 min
 Lab File: VN061887.D
 Acq: 18 Jun 2020 7:29

Tgt Ion: 74 Resp: 56176
 Ion Ratio Lower Upper
 74 100
 45 78.1 39.1 117.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.878 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN061887.D

Acq: 18 Jun 2020 7:29

Instrument :

MSVOA_N

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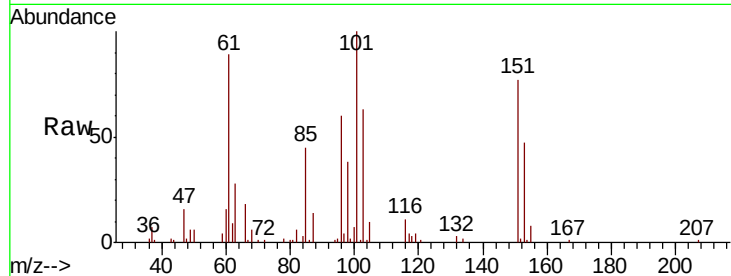
Tot Ion:101 Resp: 81190

Ion Ratio Lower Upper

101 100

85 43.6 35.0 52.6

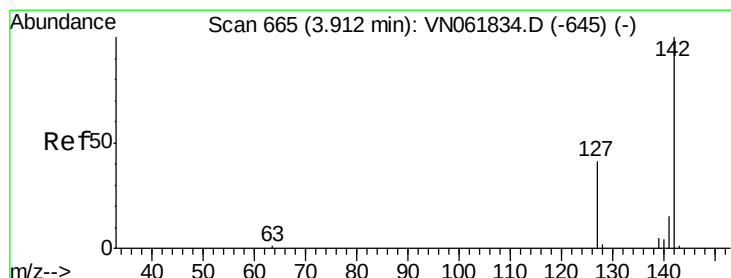
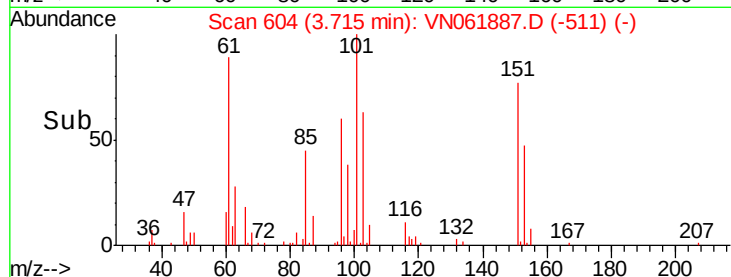
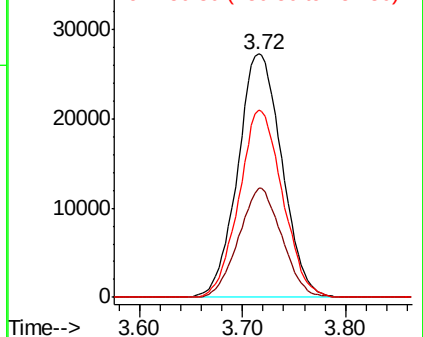
151 75.8 59.2 88.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 56.755 ug/l

RT: 3.91 min Scan# 664

Delta R.T. -0.00 min

Lab File: VN061887.D

Acq: 18 Jun 2020 7:29

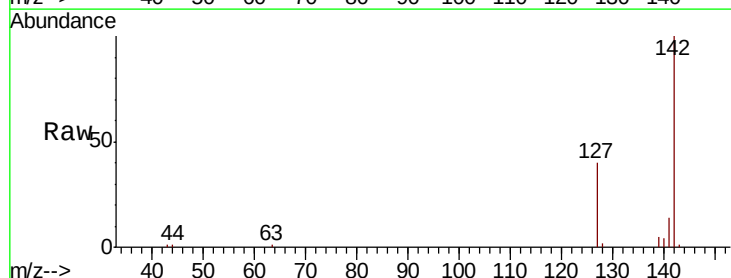
Tgt Ion:142 Resp: 106662

Ion Ratio Lower Upper

142 100

127 40.8 33.4 50.0

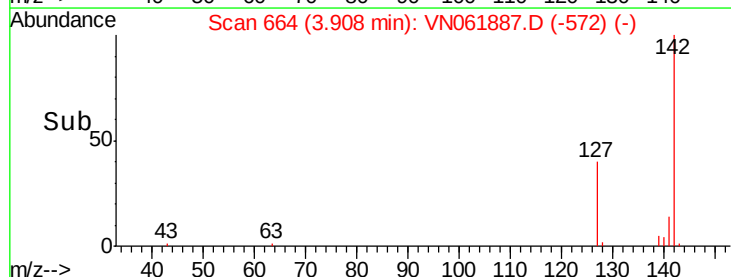
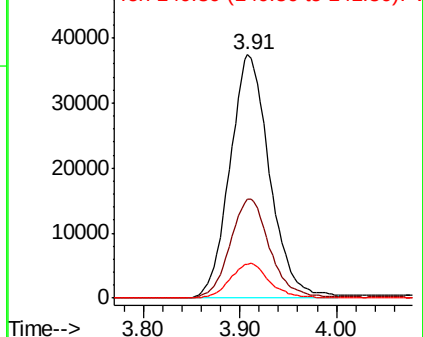
141 13.9 11.3 16.9

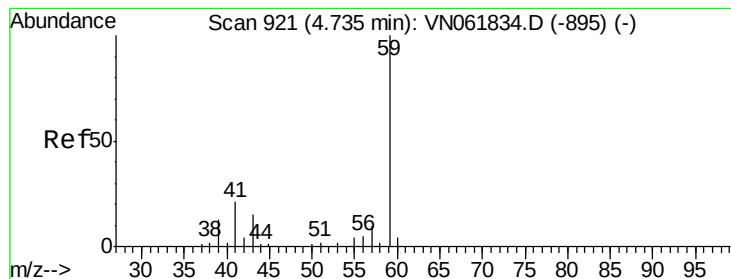


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



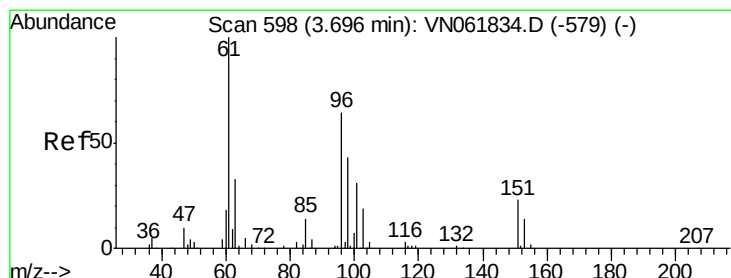
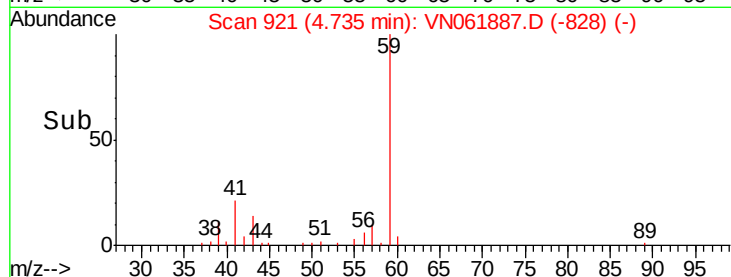
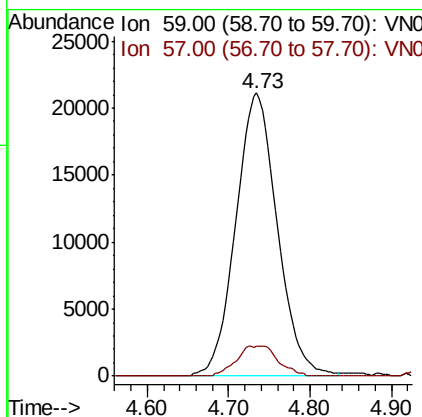
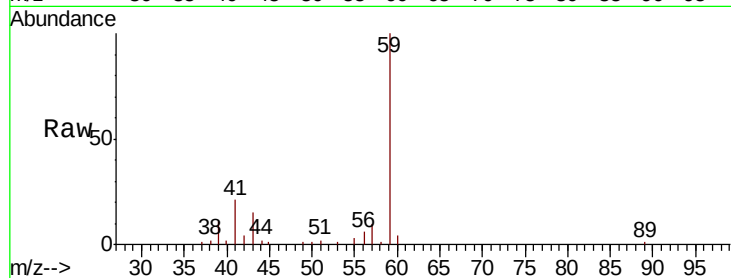


#11

Tert butyl alcohol
 Concen: 265.082 ug/l
 RT: 4.73 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: VN061887.D
 Acq: 18 Jun 2020 7:29

Instrument :
 MSVOA_N
 ClientSampleId :
 RE117D1-20200611MSD

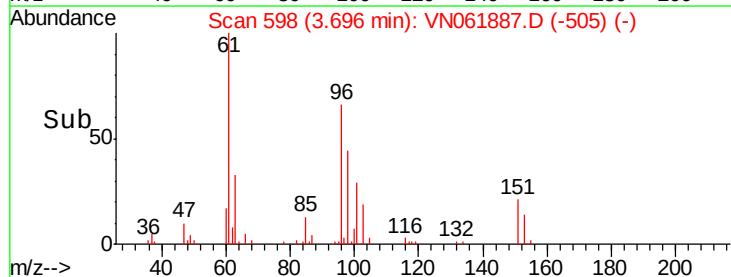
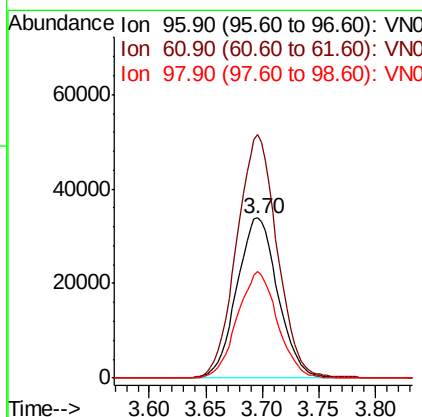
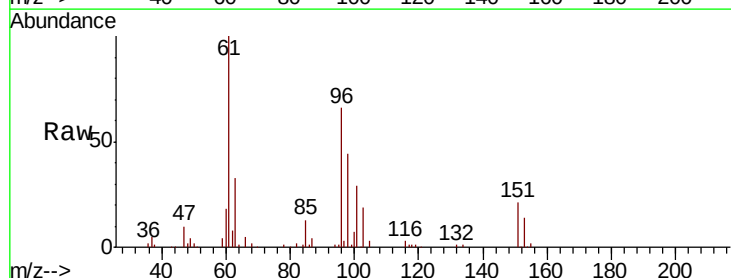
Tot Ion: 59 Resp: 74492
 Ion Ratio Lower Upper
 59 100
 57 4.9 7.7 11.5#

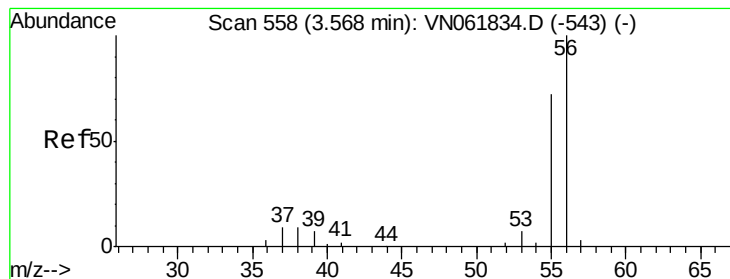


#12

1,1-Dichloroethene
 Concen: 55.733 ug/l
 RT: 3.70 min Scan# 598
 Delta R.T. -0.00 min
 Lab File: VN061887.D
 Acq: 18 Jun 2020 7:29

Tgt Ion: 96 Resp: 85745
 Ion Ratio Lower Upper
 96 100
 61 152.1 124.3 186.5
 98 66.7 53.1 79.7





#13

Acrolein

Concen: 238.909 ug/l

RT: 3.57 min Scan# 558

Delta R.T. -0.00 min

Lab File: VN061887.D

Acq: 18 Jun 2020 7:29

Instrument :

MSVOA_N

ClientSampleId :

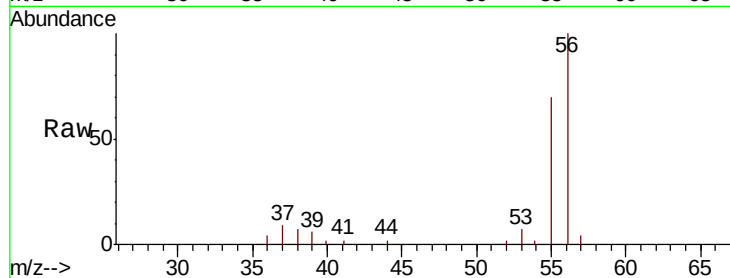
RE117D1-20200611MSD

Tot Ion: 56 Resp: 40126

Ion Ratio Lower Upper

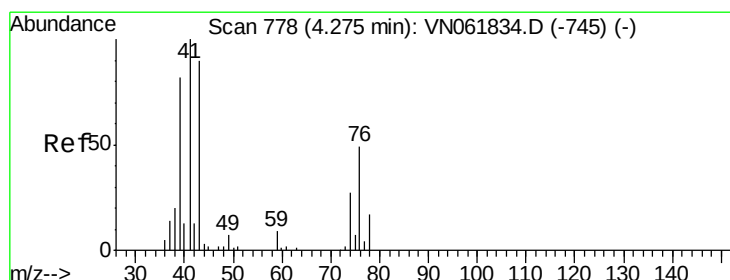
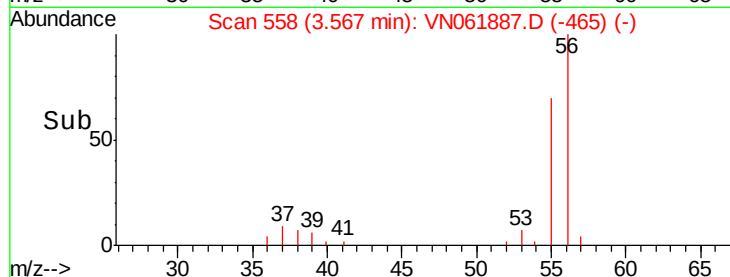
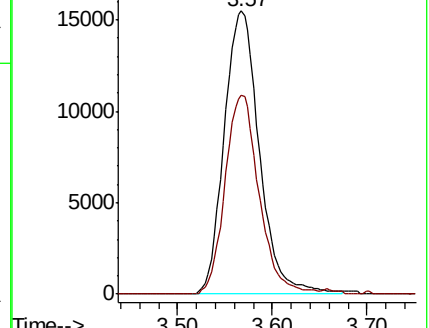
56 100

55 67.8 56.2 84.4



Abundance Ion 56.00 (55.70 to 56.70): VN061834.D (-543) (-)

Ion 55.00 (54.70 to 55.70): VN061834.D (-543) (-)



#14

Allyl chloride

Concen: 51.795 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN061887.D

Acq: 18 Jun 2020 7:29

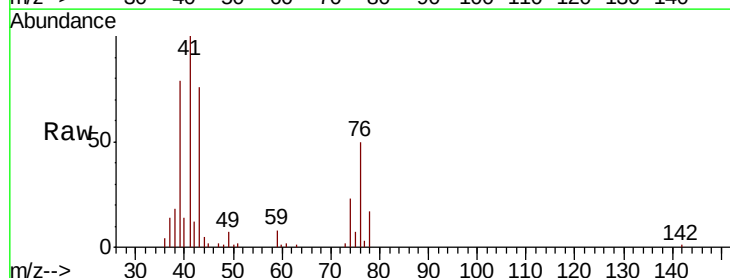
Tgt Ion: 41 Resp: 105760

Ion Ratio Lower Upper

41 100

39 75.5 60.2 90.2

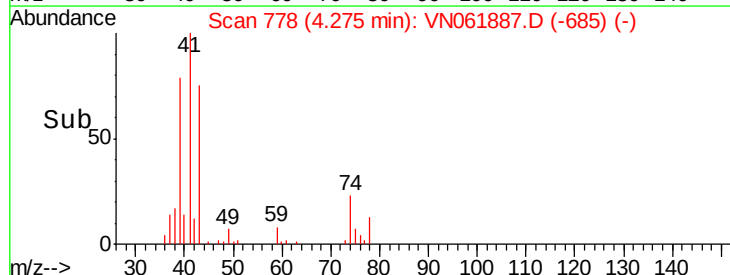
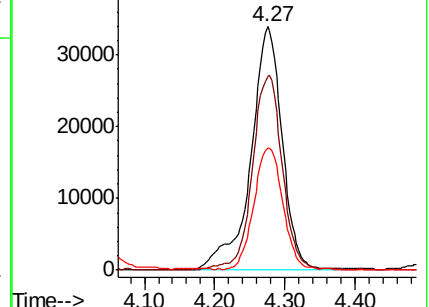
76 46.2 36.3 54.5

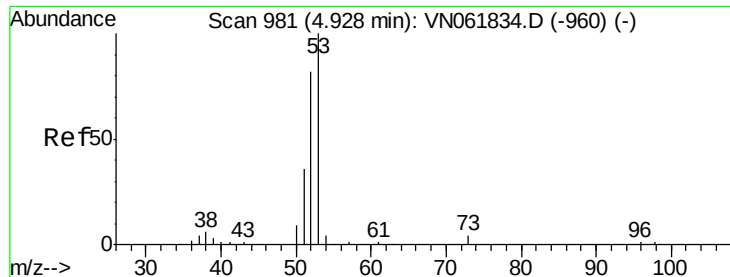


Abundance Ion 41.00 (40.70 to 41.70): VN061834.D (-745) (-)

Ion 39.00 (38.70 to 39.70): VN061834.D (-745) (-)

Ion 75.90 (75.60 to 76.60): VN061834.D (-745) (-)





#15

Acrylonitrile

Concen: 273.340 ug/l

RT: 4.93 min Scan# 981

Delta R.T. -0.00 min

Lab File: VN061887.D

Acq: 18 Jun 2020 7:29

Instrument :

MSVOA_N

ClientSampleId :

RE117D1-20200611MSD

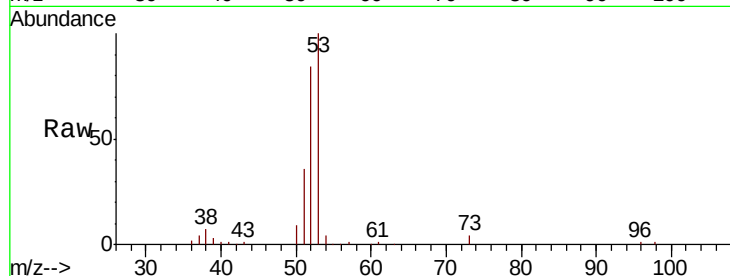
Tot Ion: 53 Resp: 190329

Ion Ratio Lower Upper

53 100

52 82.8 65.2 97.8

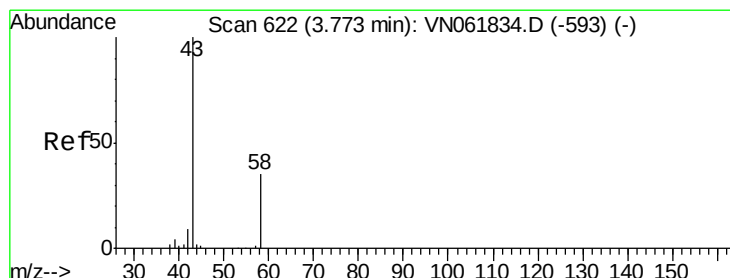
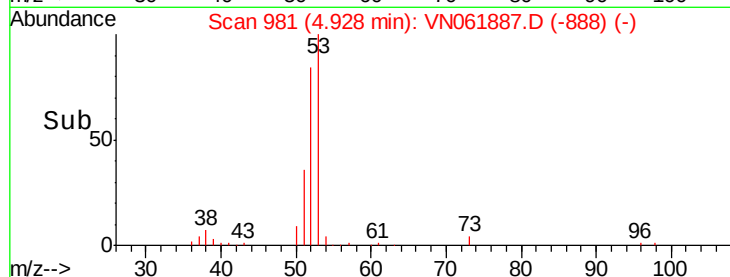
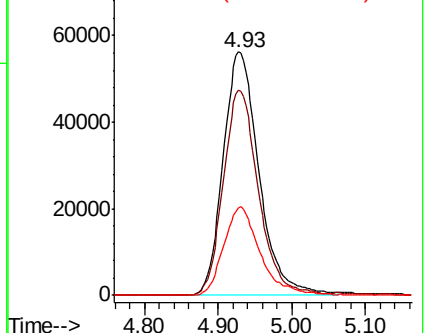
51 36.9 29.3 43.9



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 259.871 ug/l

RT: 3.77 min Scan# 622

Delta R.T. -0.00 min

Lab File: VN061887.D

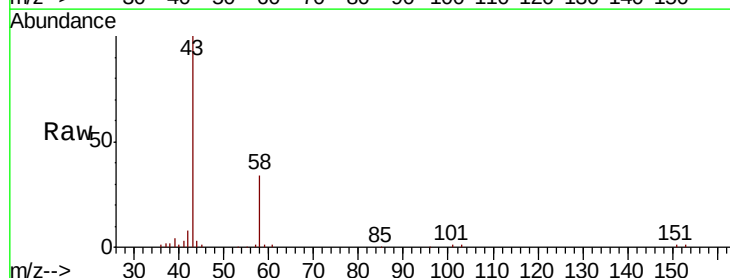
Acq: 18 Jun 2020 7:29

Tgt Ion: 43 Resp: 155883

Ion Ratio Lower Upper

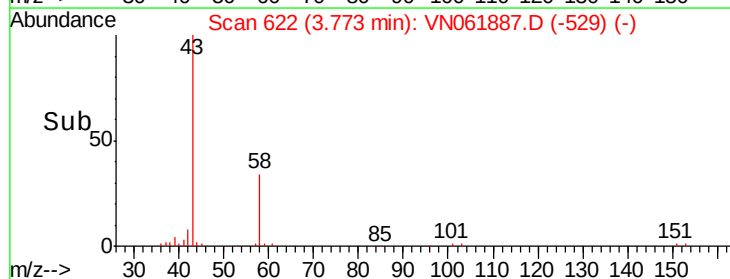
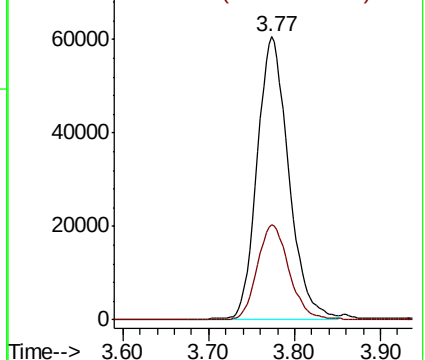
43 100

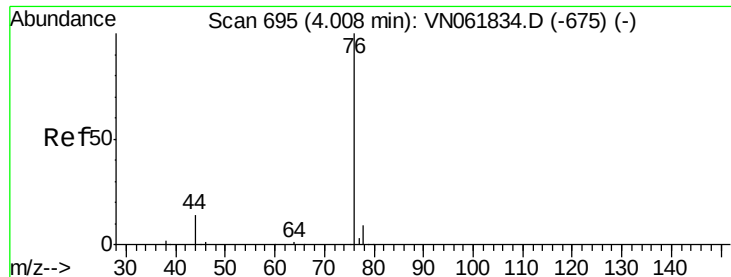
58 33.5 27.8 41.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 53.642 ug/l

RT: 4.01 min Scan# 695

Delta R.T. -0.00 min

Lab File: VN061887.D

Acq: 18 Jun 2020 7:29

Instrument :

MSVOA_N

ClientSampleId :

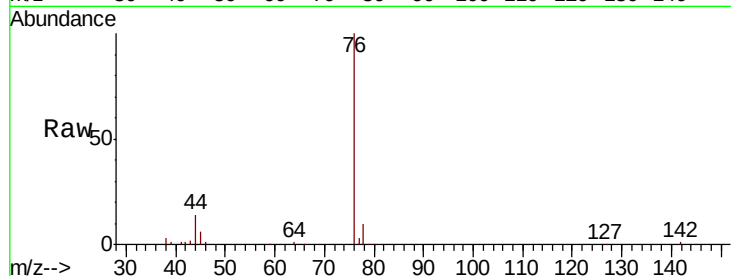
RE117D1-20200611MSD

Tot Ion: 76 Resp: 241476

Ion Ratio Lower Upper

76 100

78 10.1 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VN061834.D (-675) (-)

Ion 77.90 (77.60 to 78.60): VN061834.D (-675) (-)

4.01

100000

80000

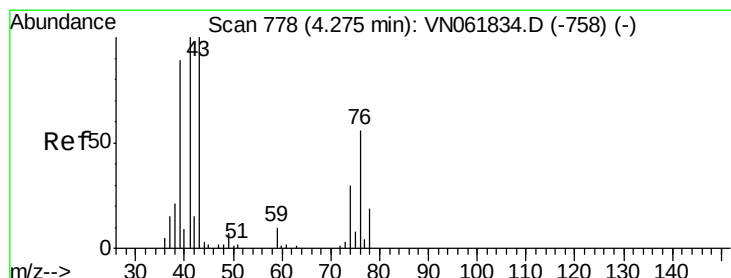
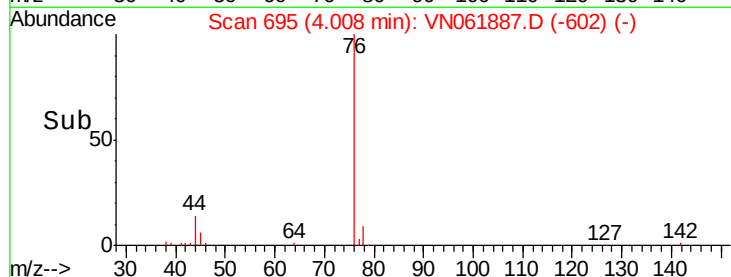
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 45.076 ug/l

RT: 4.28 min Scan# 779

Delta R.T. 0.00 min

Lab File: VN061887.D

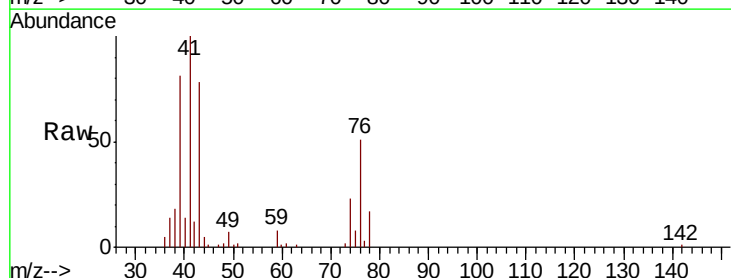
Acq: 18 Jun 2020 7:29

Tgt Ion: 43 Resp: 77845

Ion Ratio Lower Upper

43 100

74 29.8 23.0 34.4



Abundance Ion 43.00 (42.70 to 43.70): VN061834.D (-758) (-)

Ion 74.00 (73.70 to 74.70): VN061834.D (-758) (-)

4.28

30000

25000

20000

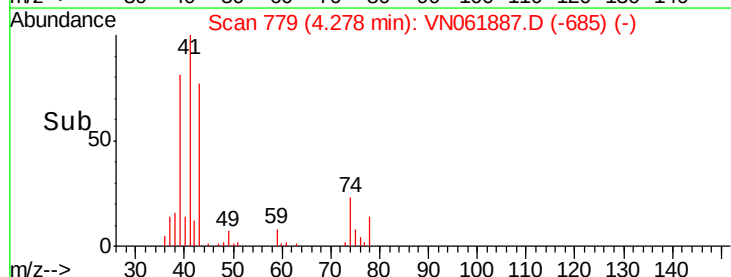
15000

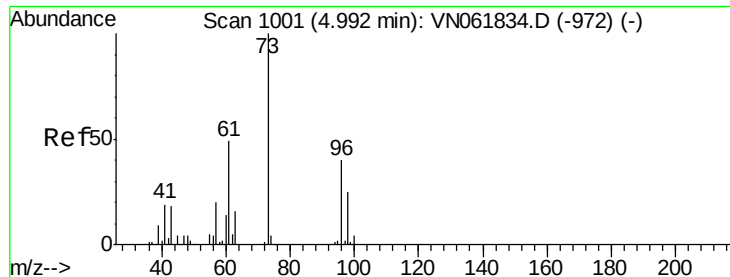
10000

5000

0

Time-->

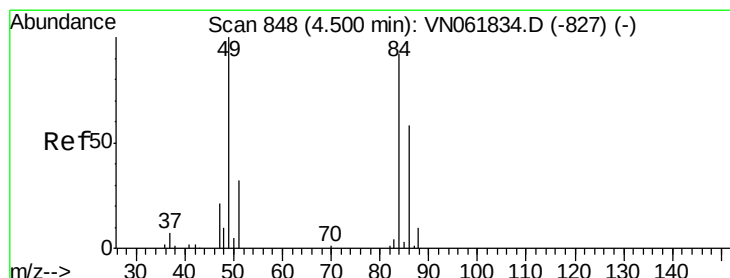
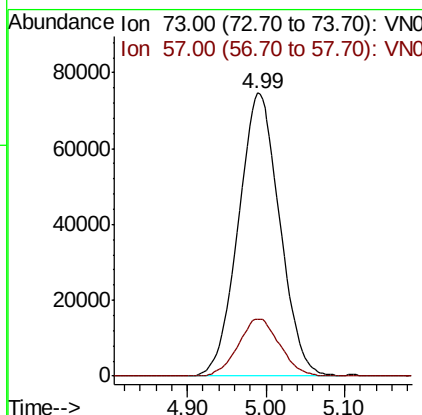
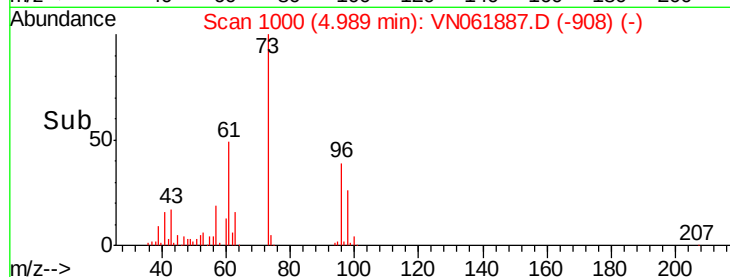
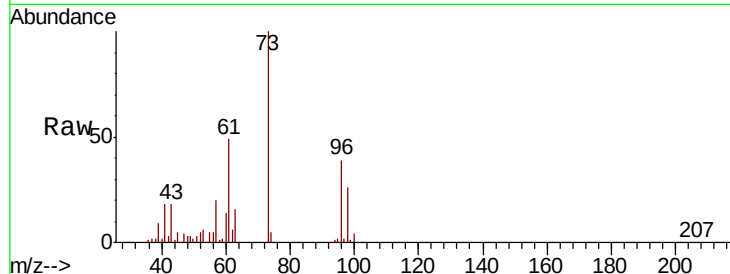




#19
Methyl tert-butyl Ether
Concen: 53.768 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VN061887.D
Acq: 18 Jun 2020 7:29

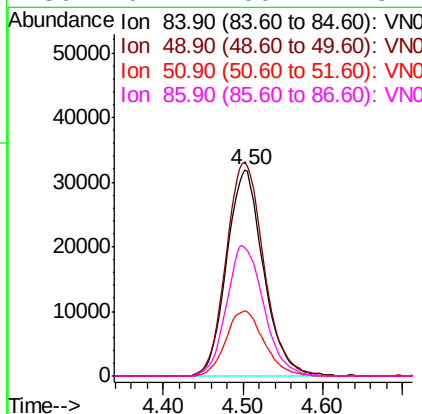
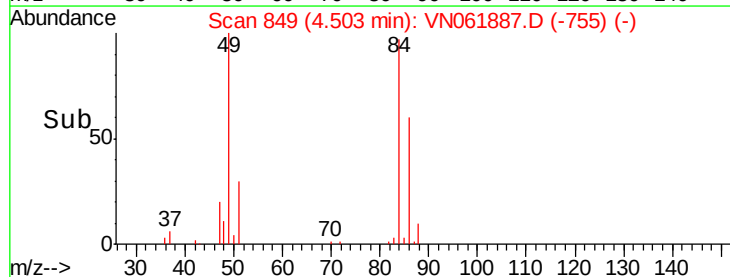
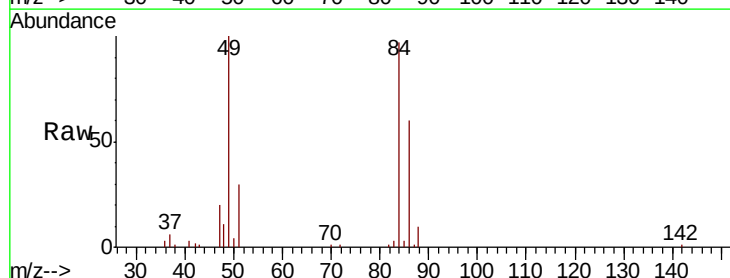
Instrument :
MSVOA_N
ClientSampleId :
RE117D1-20200611MSD

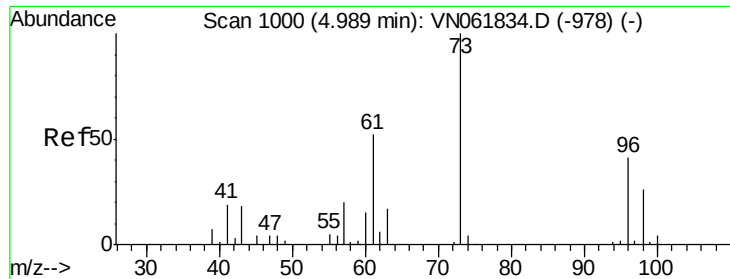
Tot Ion: 73 Resp: 275427
Ion Ratio Lower Upper
73 100
57 20.0 16.2 24.4



#20
Methylene Chloride
Concen: 51.064 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN061887.D
Acq: 18 Jun 2020 7:29

Tgt Ion: 84 Resp: 99795
Ion Ratio Lower Upper
84 100
49 103.6 87.0 130.4
51 31.6 27.8 41.6
86 62.4 50.2 75.2

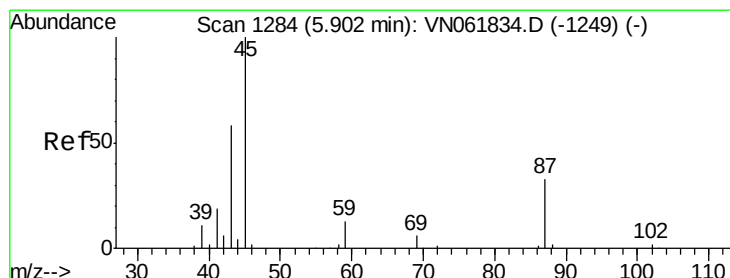
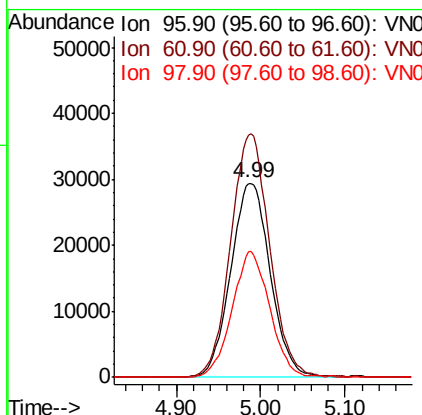
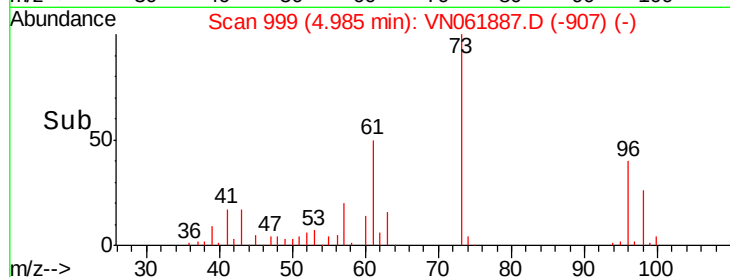
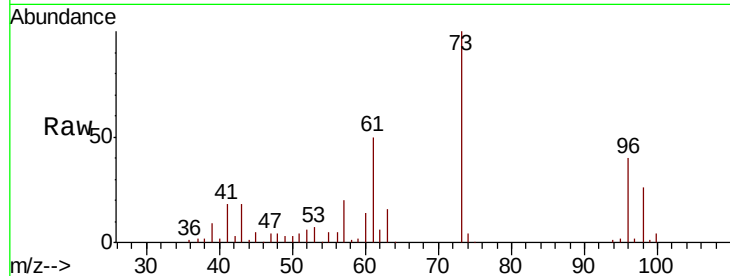




#21
trans-1,2-Dichloroethene
Concen: 54.201 ug/l
RT: 4.99 min Scan# 999
Delta R.T. -0.00 min
Lab File: VN061887.D
Acq: 18 Jun 2020 7:29

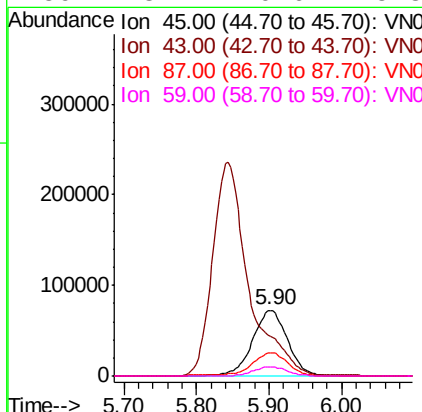
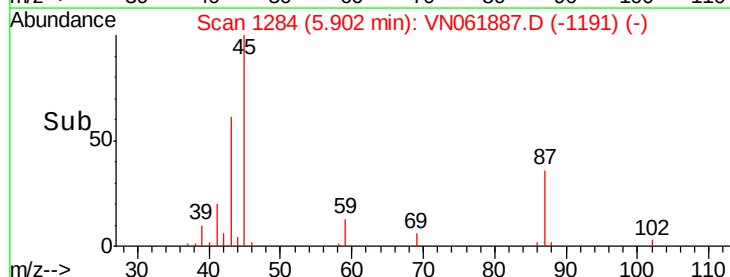
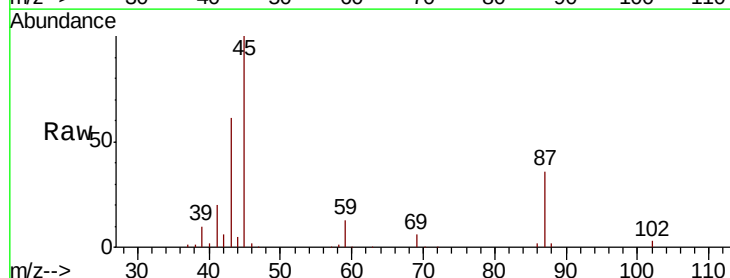
Instrument :
MSVOA_N
ClientSampleId :
RE117D1-20200611MSD

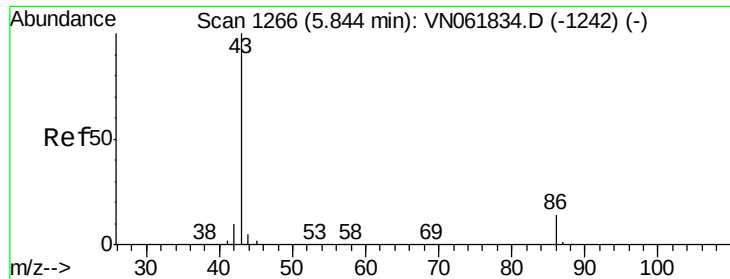
Tot Ion: 96 Resp: 95781
Ion Ratio Lower Upper
96 100
61 124.6 102.2 153.4
98 64.9 51.2 76.8



#22
Diisopropyl ether
Concen: 52.170 ug/l
RT: 5.90 min Scan# 1284
Delta R.T. -0.00 min
Lab File: VN061887.D
Acq: 18 Jun 2020 7:29

Tgt Ion: 45 Resp: 243629
Ion Ratio Lower Upper
45 100
43 59.3 49.4 74.2
87 35.9 27.4 41.0
59 13.4 10.6 15.8

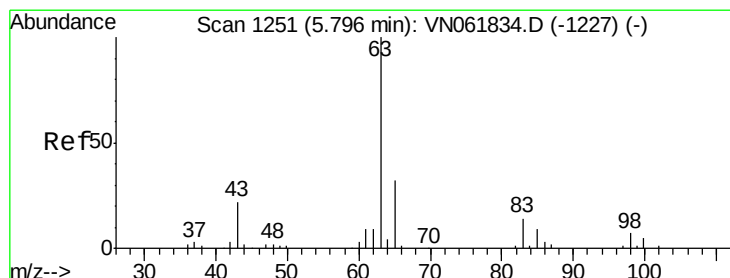
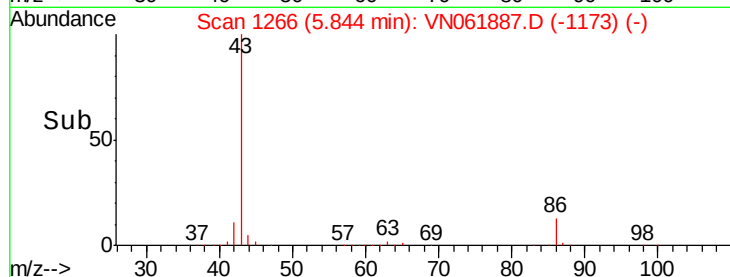
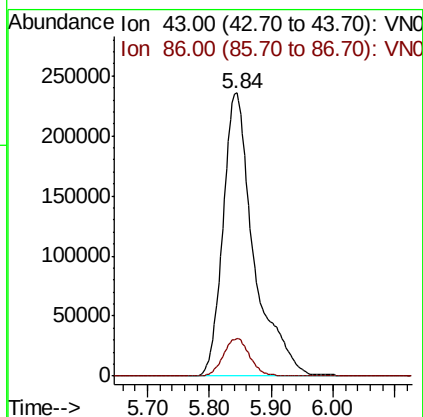
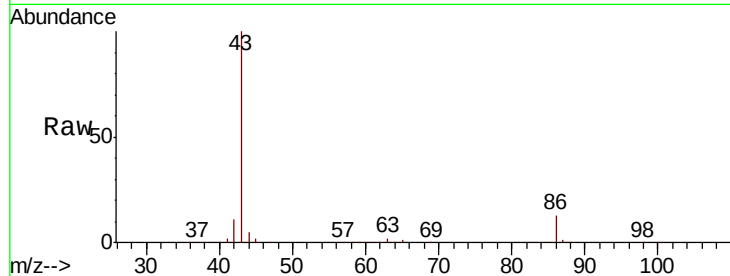




#23
 Vinyl Acetate
 Concen: 222.467 ug/l
 RT: 5.84 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: VN061887.D
 Acq: 18 Jun 2020 7:29

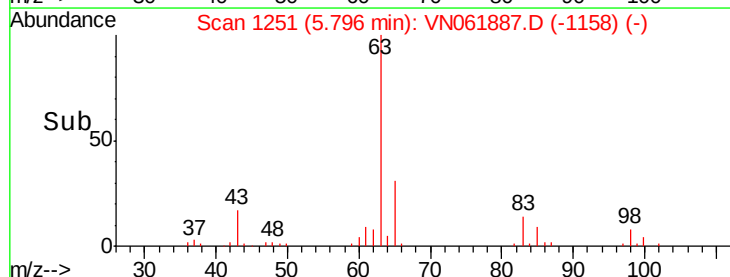
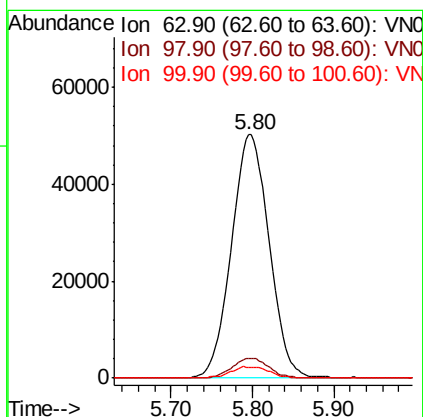
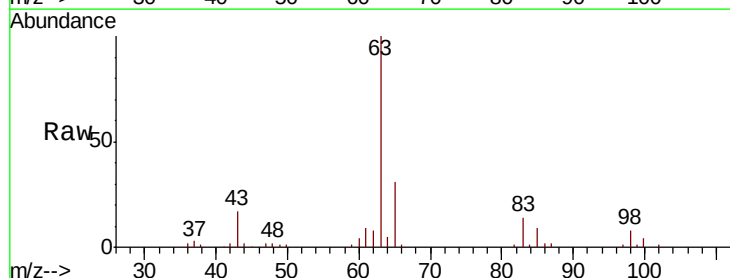
Instrument :
 MSVOA_N
 ClientSampleId :
 RE117D1-20200611MSD

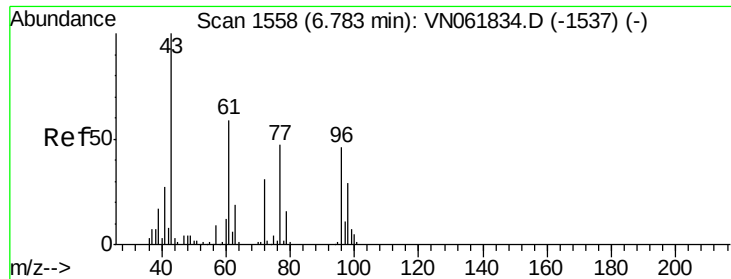
Tot Ion: 43 Resp: 817108
 Ion Ratio Lower Upper
 43 100
 86 13.4 10.9 16.3



#24
 1,1-Dichloroethane
 Concen: 52.717 ug/l
 RT: 5.80 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: VN061887.D
 Acq: 18 Jun 2020 7:29

Tgt Ion: 63 Resp: 161158
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.5 10.4
 100 4.3 2.5 7.4

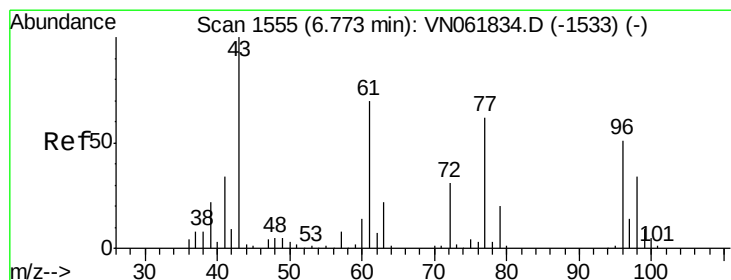
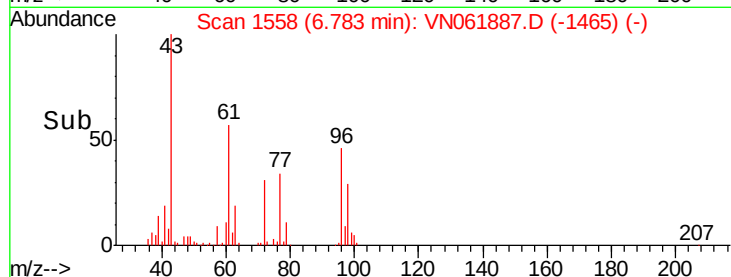
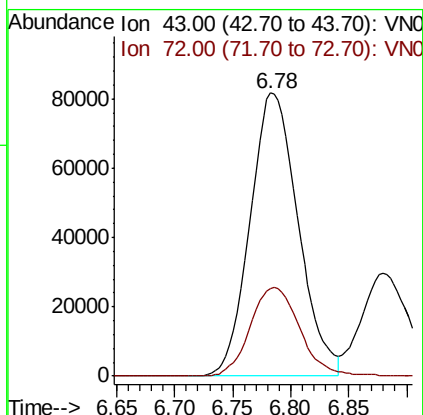
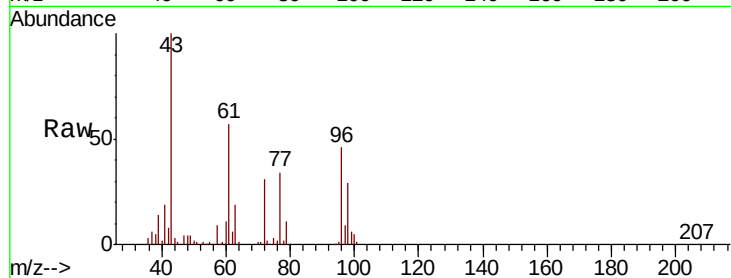




#25
2-Butanone
Concen: 270.000 ug/l
RT: 6.78 min Scan# 1558
Delta R.T. -0.00 min
Lab File: VN061887.D
Acq: 18 Jun 2020 7:29

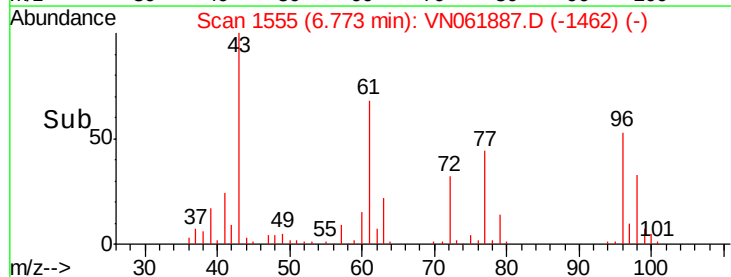
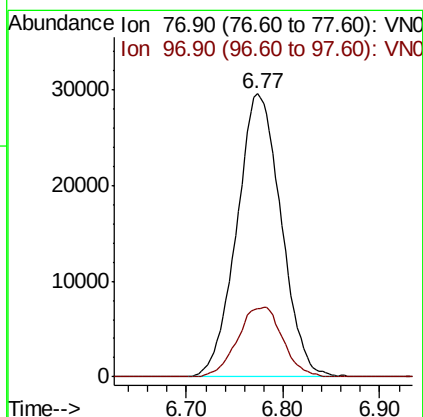
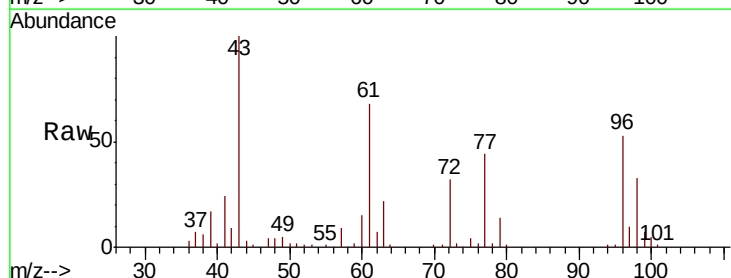
Instrument :
MSVOA_N
ClientSampleId :
RE117D1-20200611MSD

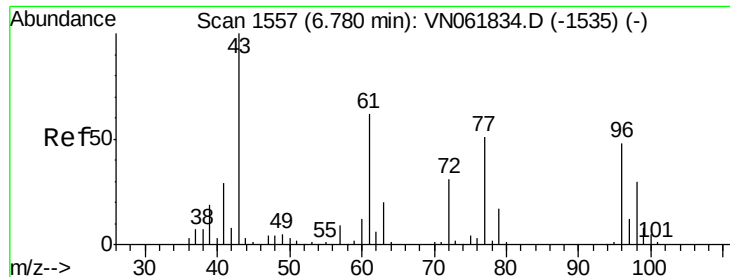
Tot Ion: 43 Resp: 236298
Ion Ratio Lower Upper
43 100
72 31.2 24.6 37.0



#26
2,2-Dichloropropane
Concen: 36.544 ug/l
RT: 6.77 min Scan# 1555
Delta R.T. -0.00 min
Lab File: VN061887.D
Acq: 18 Jun 2020 7:29

Tgt Ion: 77 Resp: 93990
Ion Ratio Lower Upper
77 100
97 25.0 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 54.294 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. -0.00 min

Lab File: VN061887.D

Acq: 18 Jun 2020 7:29

Instrument :

MSVOA_N

ClientSampleId :

RE117D1-20200611MSD

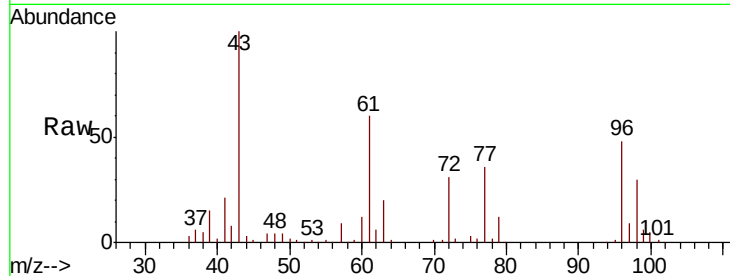
Tot Ion: 96 Resp: 110706

Ion Ratio Lower Upper

96 100

61 126.6 0.0 265.6

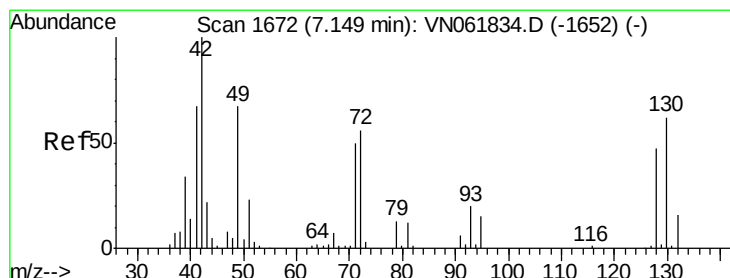
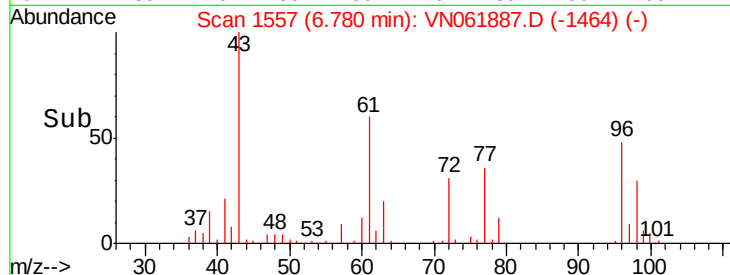
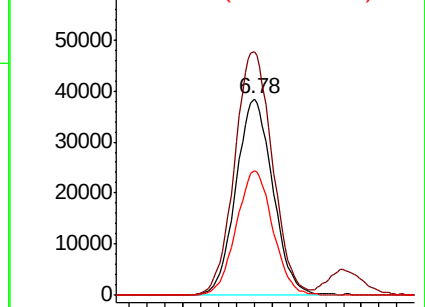
98 62.4 0.0 128.2



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 9.541 ug/l

RT: 7.33 min Scan# 1728

Delta R.T. 0.18 min

Lab File: VN061887.D

Acq: 18 Jun 2020 7:29

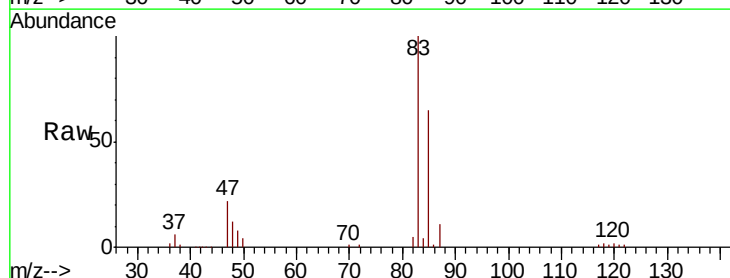
Tgt Ion: 49 Resp: 12986

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.0

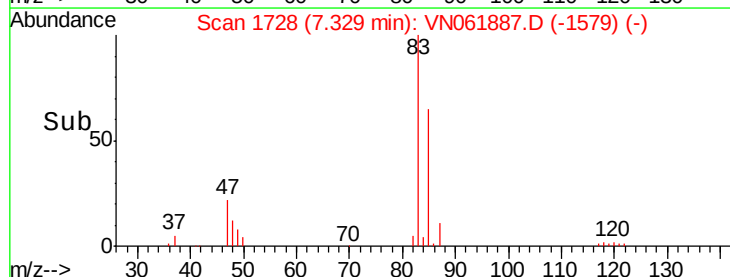
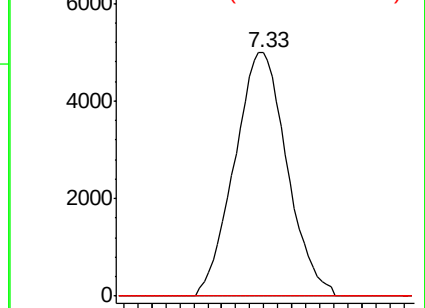
130 0.0 72.2 108.2#

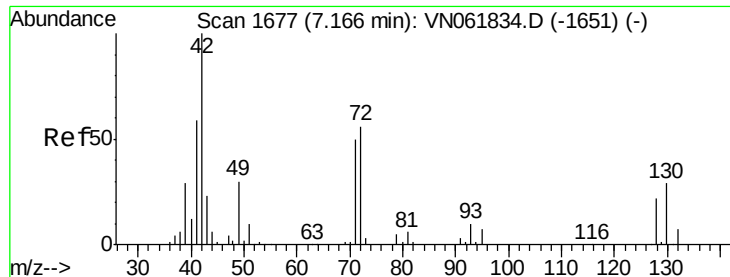


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 267.469 ug/l

RT: 7.17 min Scan# 1677

Delta R.T. -0.00 min

Lab File: VN061887.D

Acq: 18 Jun 2020 7:29

Instrument :

MSVOA_N

ClientSampleId :

RE117D1-20200611MSD

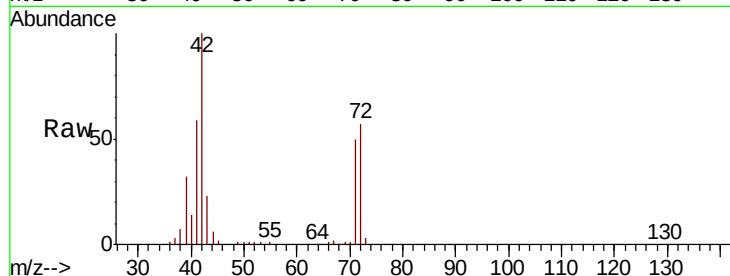
Tot Ion: 42 Resp: 154052

Ion Ratio Lower Upper

42 100

72 55.6 44.0 66.0

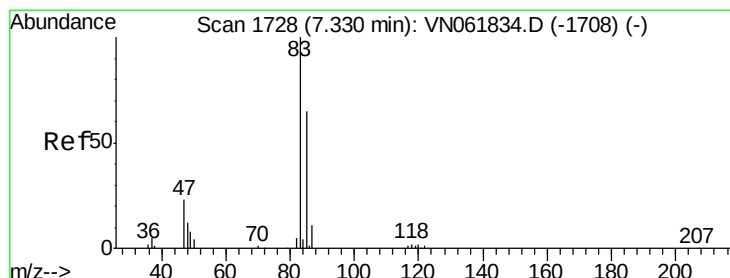
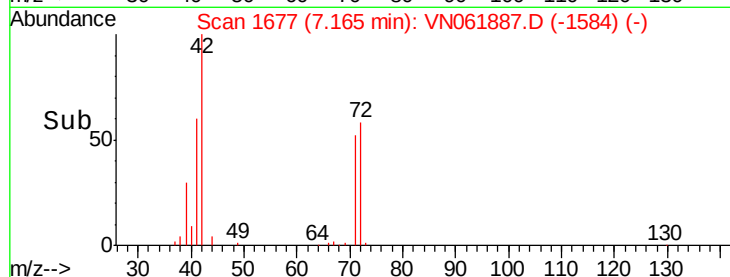
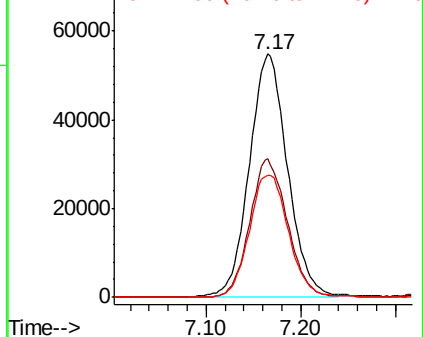
71 51.6 40.0 60.0



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 52.200 ug/l

RT: 7.33 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VN061887.D

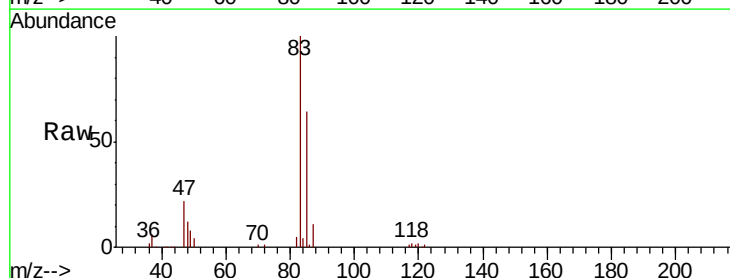
Acq: 18 Jun 2020 7:29

Tgt Ion: 83 Resp: 170546

Ion Ratio Lower Upper

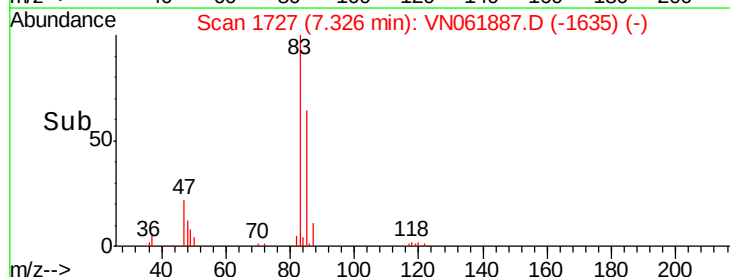
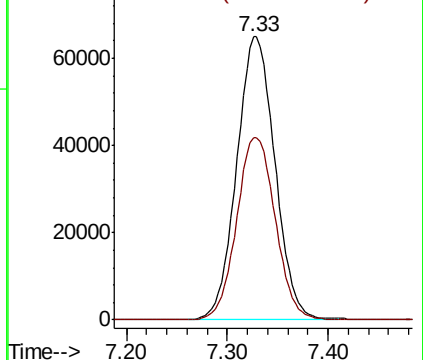
83 100

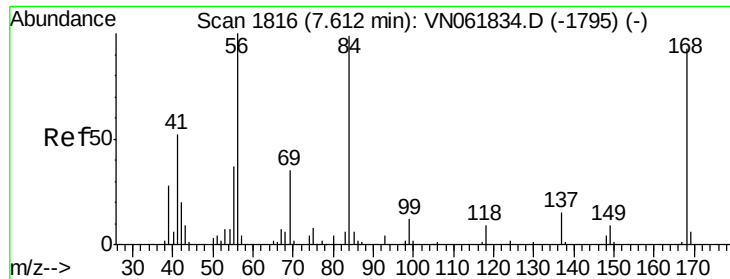
85 64.3 52.0 78.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

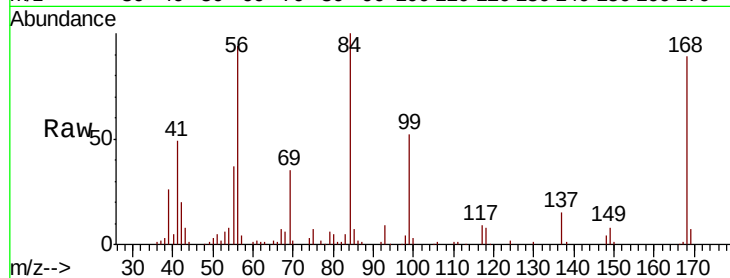




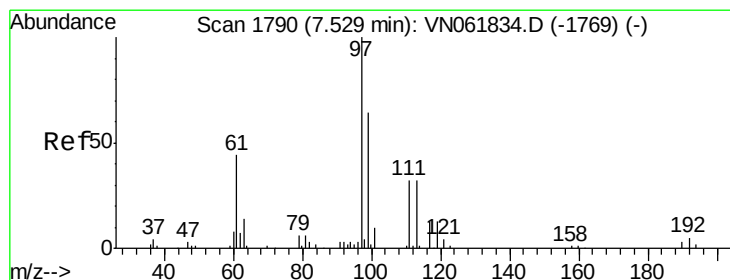
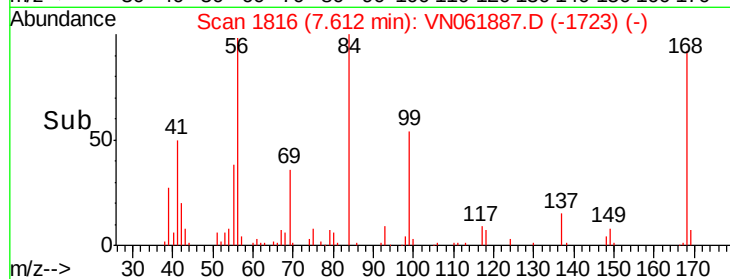
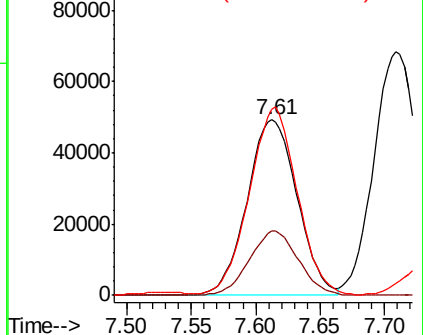
#31
Cyclohexane
Concen: 49.876 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. -0.00 min
Lab File: VN061887.D
Acq: 18 Jun 2020 7:29

Instrument :
MSVOA_N
ClientSampleId :
RE117D1-20200611MSD

Tot Ion: 56 Resp: 133476
Ion Ratio Lower Upper
56 100
69 36.7 27.7 41.5
84 104.9 79.1 118.7

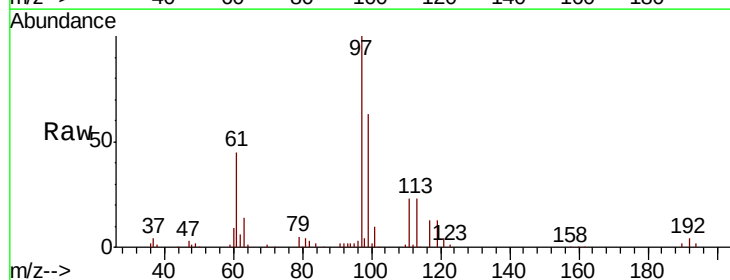


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

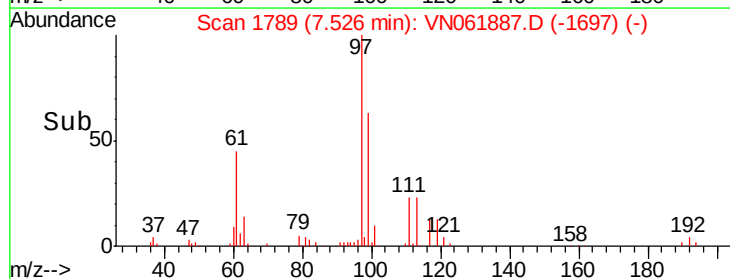
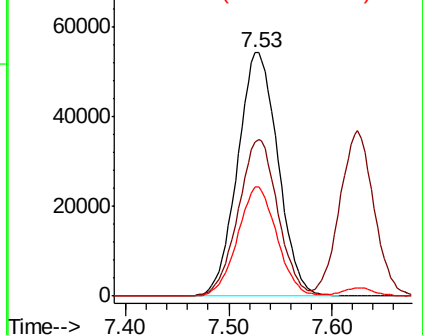


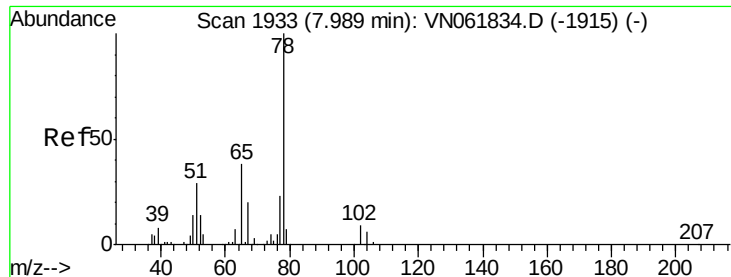
#32
1,1,1-Trichloroethane
Concen: 53.242 ug/l
RT: 7.53 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VN061887.D
Acq: 18 Jun 2020 7:29

Tgt Ion: 97 Resp: 148143
Ion Ratio Lower Upper
97 100
99 63.1 51.5 77.3
61 43.7 35.1 52.7



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0

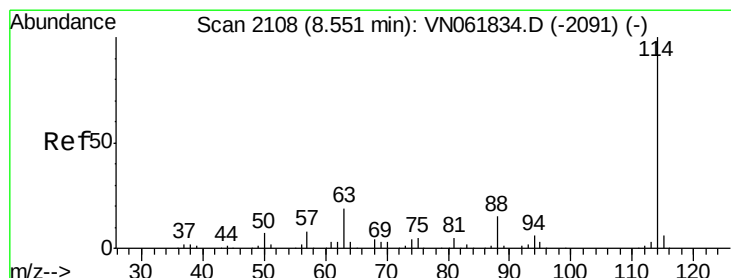
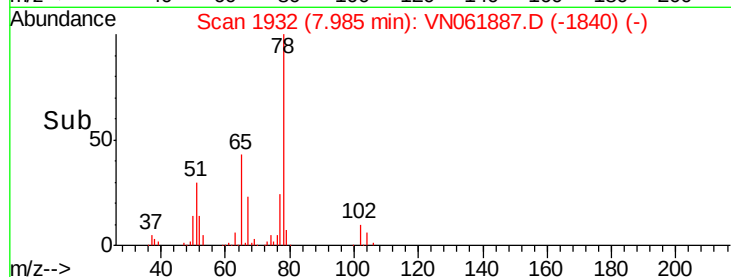
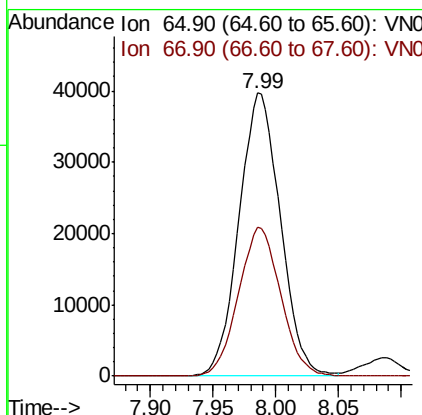
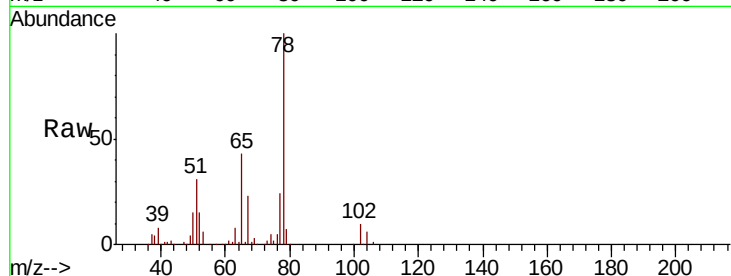




#33
 1,2-Dichloroethane-d4
 Concen: 44.898 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN061887.D
 Acq: 18 Jun 2020 7:29

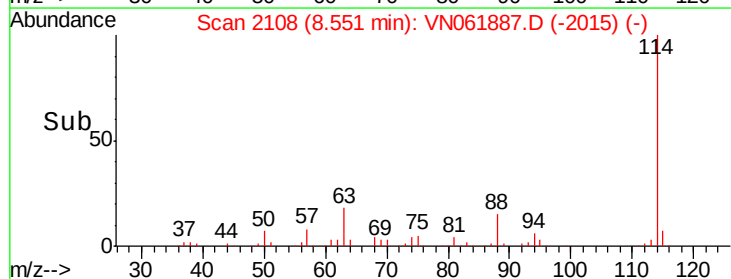
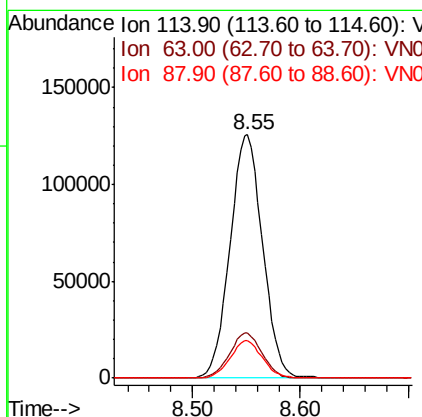
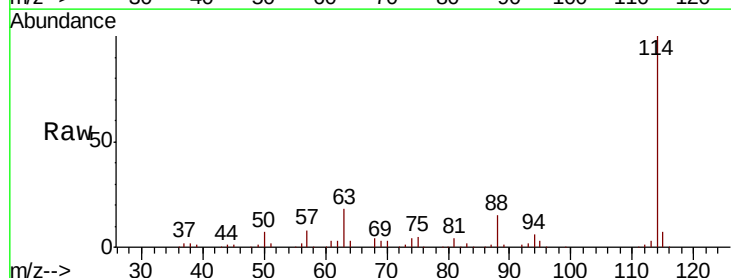
Instrument :
 MSVOA_N
 ClientSampleId :
 RE117D1-20200611MSD

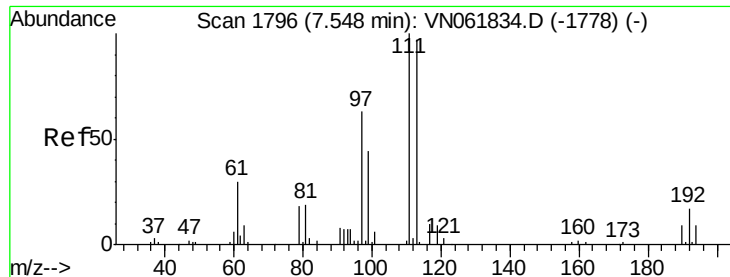
Tot Ion: 65 Resp: 91176
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN061887.D
 Acq: 18 Jun 2020 7:29

Tgt Ion: 114 Resp: 264600
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 37.6
 88 15.3 0.0 31.0

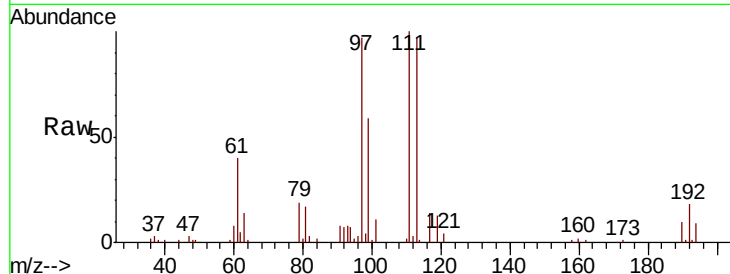




#35
 Dibromofluoromethane
 Concen: 46.589 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN061887.D
 Acq: 18 Jun 2020 7:29

Instrument :
 MSVOA_N
 ClientSampleId :
 RE117D1-20200611MSD

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	83.7	125.5
192	18.2	13.9	20.9

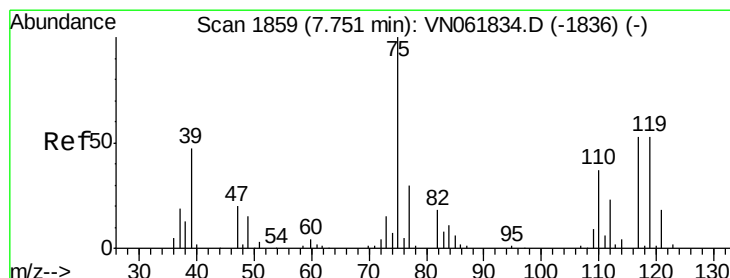
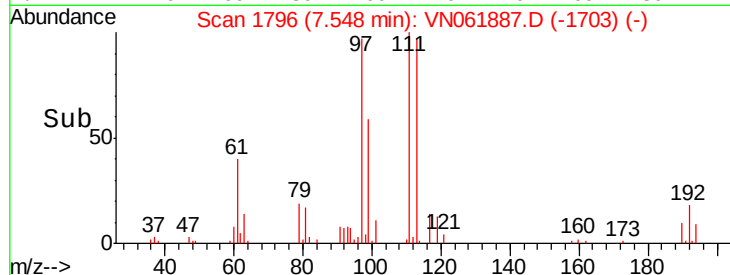
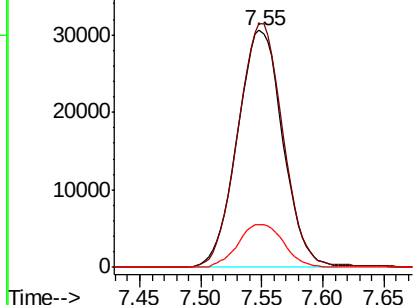


Abundance

Ion 112.80 (112.50 to 113.50): V

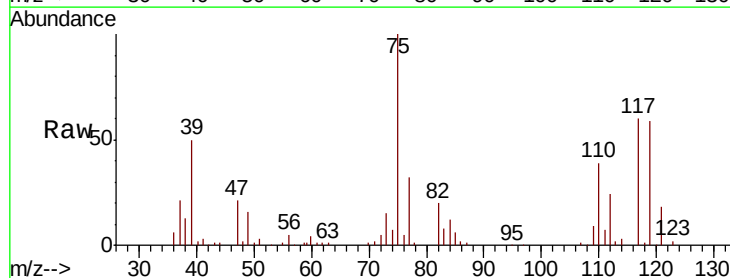
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 52.142 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN061887.D
 Acq: 18 Jun 2020 7:29

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.6	18.2	54.6
77	31.6	24.2	36.4

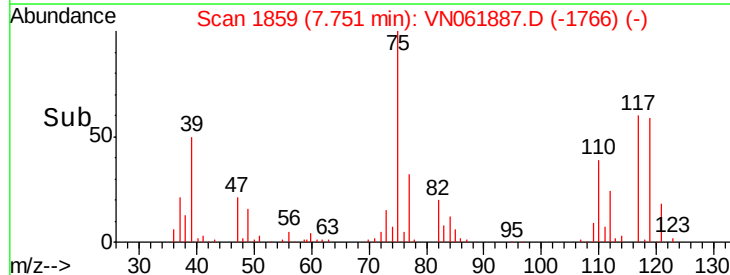
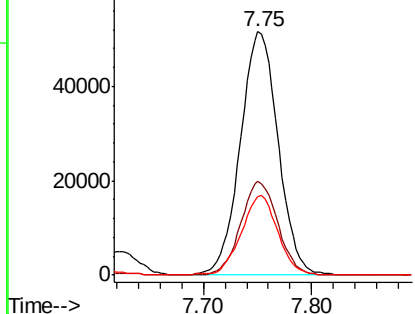


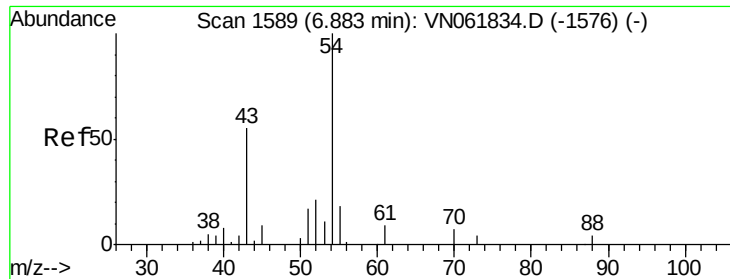
Abundance

Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0

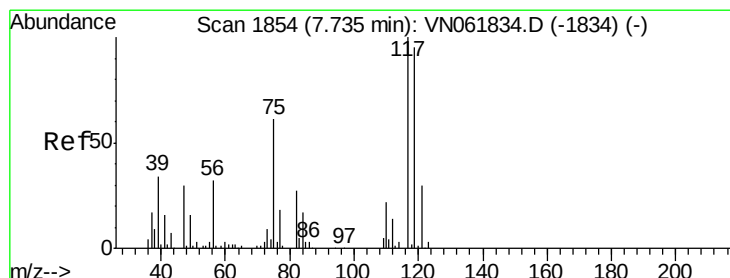
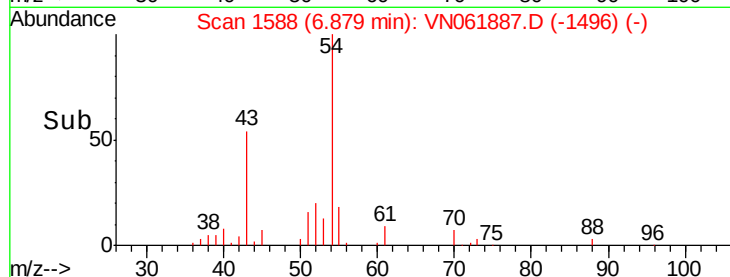
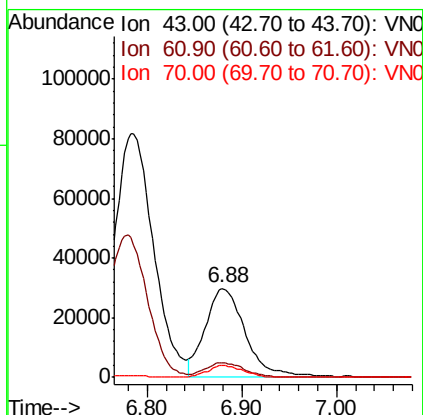
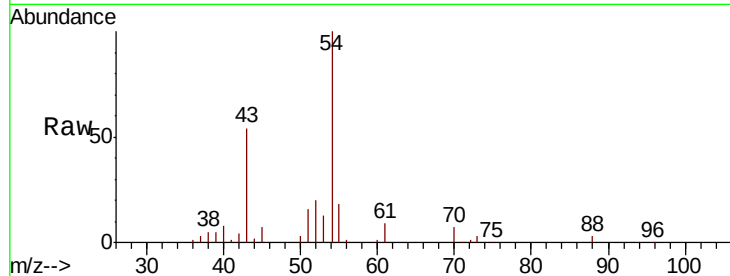




#37
Ethyl Acetate
Concen: 45.824 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.00 min
Lab File: VN061887.D
Acq: 18 Jun 2020 7:29

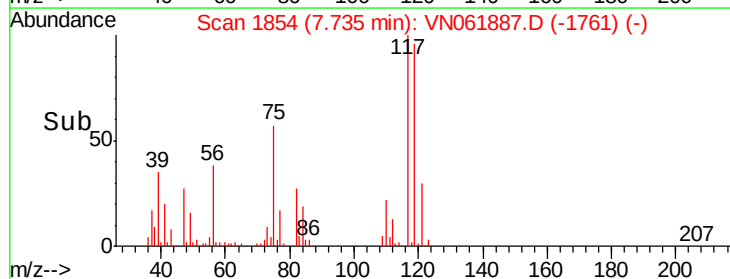
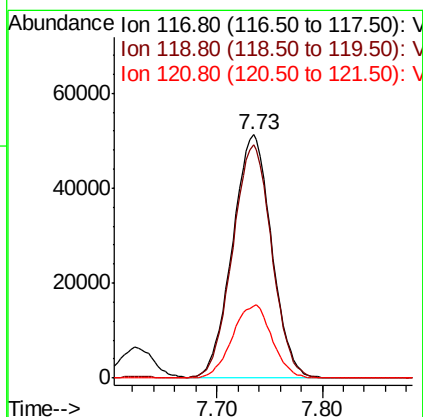
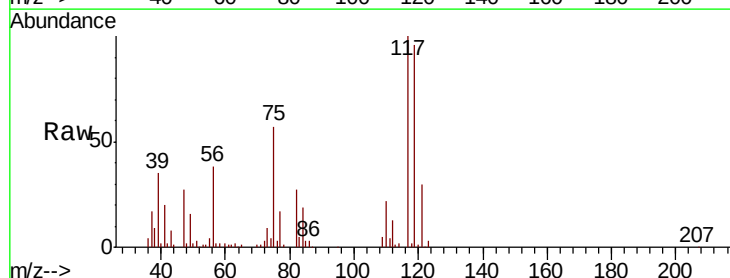
Instrument :
MSVOA_N
ClientSampleId :
RE117D1-20200611MSD

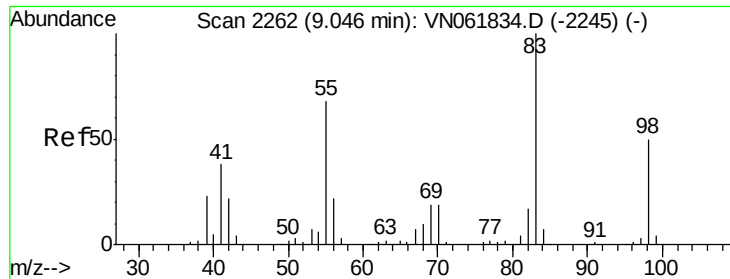
Tot Ion: 43 Resp: 86363
Ion Ratio Lower Upper
43 100
61 16.8 13.0 19.4
70 12.3 9.4 14.2



#38
Carbon Tetrachloride
Concen: 55.373 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VN061887.D
Acq: 18 Jun 2020 7:29

Tgt Ion: 117 Resp: 132341
Ion Ratio Lower Upper
117 100
119 95.7 75.8 113.6
121 29.7 23.8 35.6

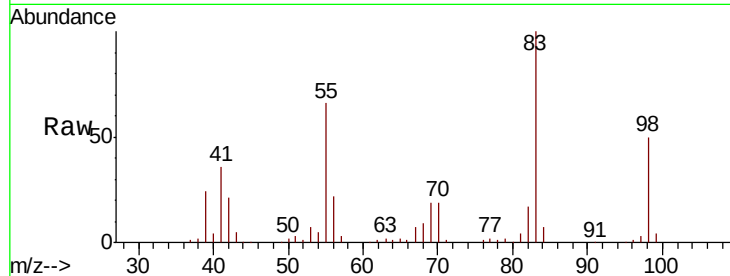




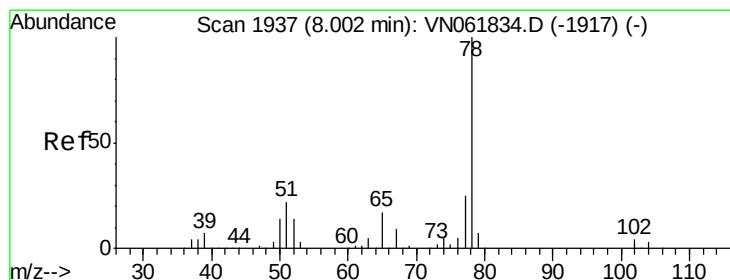
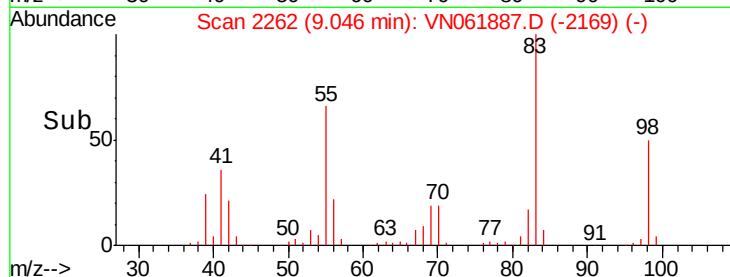
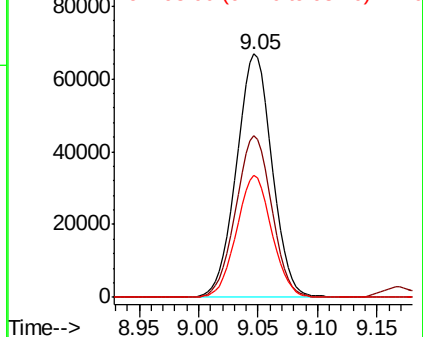
#39
Methylvlcyclohexane
Concen: 53.383 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN061887.D
Acq: 18 Jun 2020 7:29

Instrument :
MSVOA_N
ClientSampleId :
RE117D1-20200611MSD

Tot Ion: 83 Resp: 138730
Ion Ratio Lower Upper
83 100
55 66.2 54.2 81.4
98 49.9 39.8 59.6

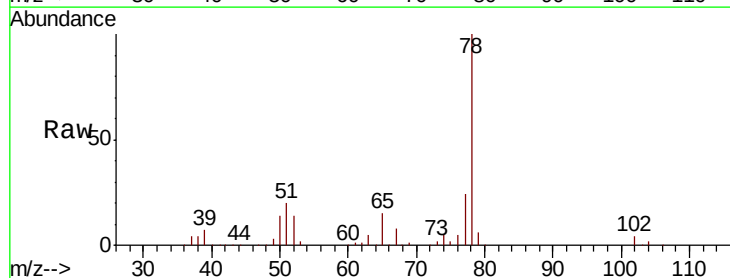


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

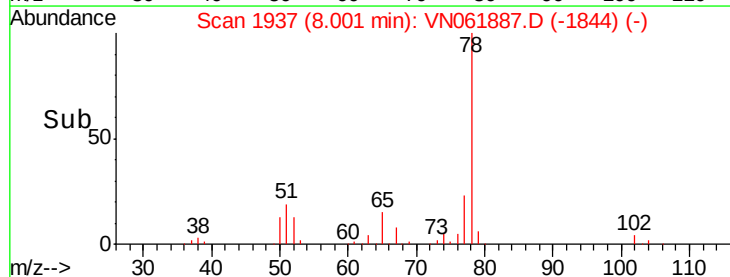
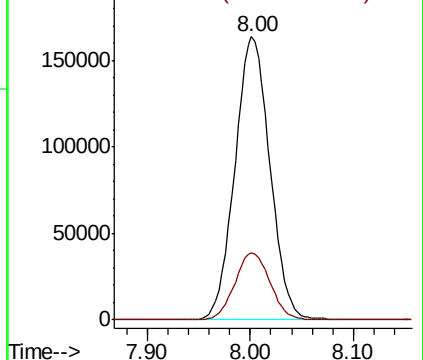


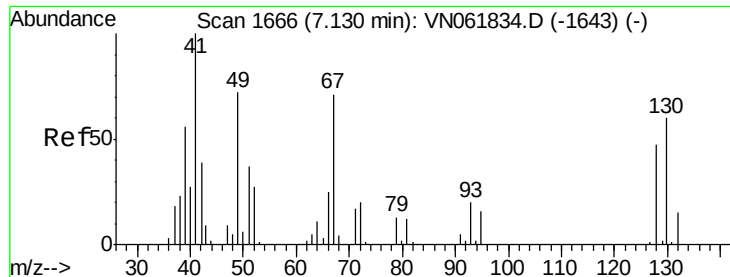
#40
Benzene
Concen: 52.798 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN061887.D
Acq: 18 Jun 2020 7:29

Tgt Ion: 78 Resp: 386000
Ion Ratio Lower Upper
78 100
77 23.6 19.7 29.5



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

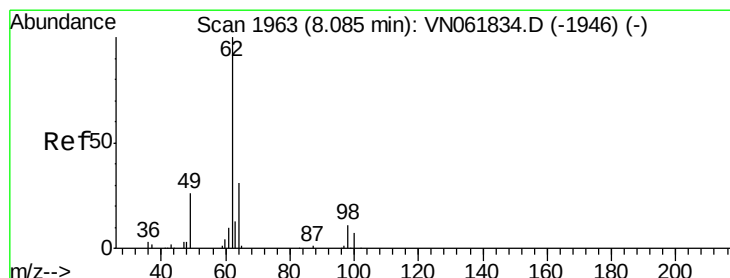
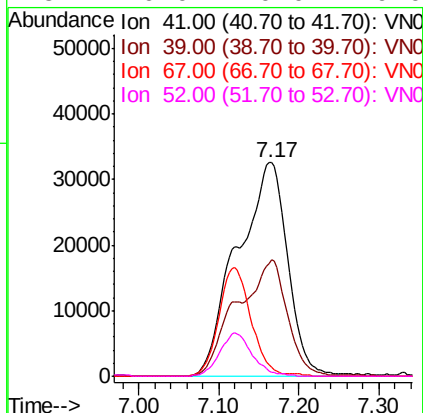
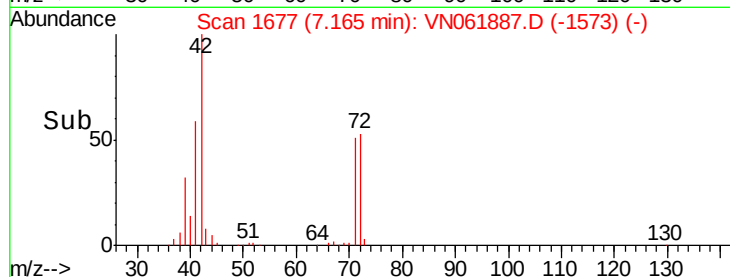
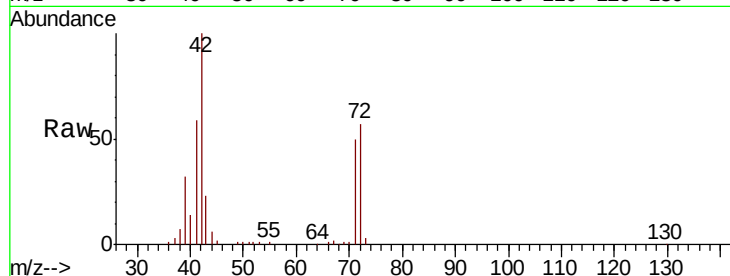




#41
Methacrylonitrile
Concen: 174.396 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. 0.04 min
Lab File: VN061887.D
Acq: 18 Jun 2020 7:29

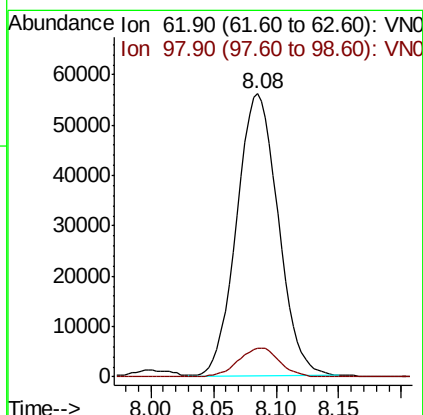
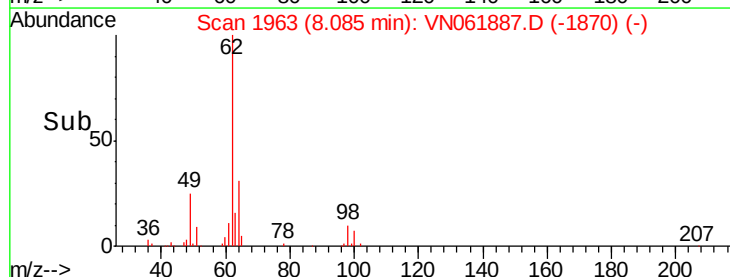
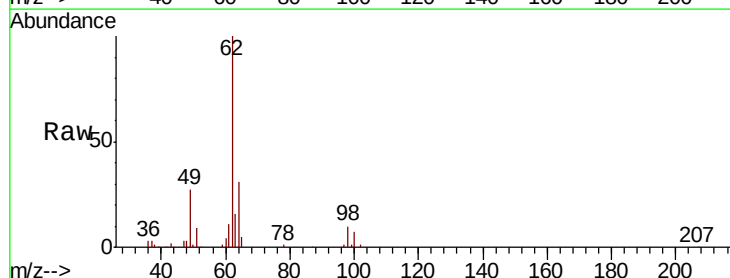
Instrument :
MSVOA_N
ClientSampleId :
RE117D1-20200611MSD

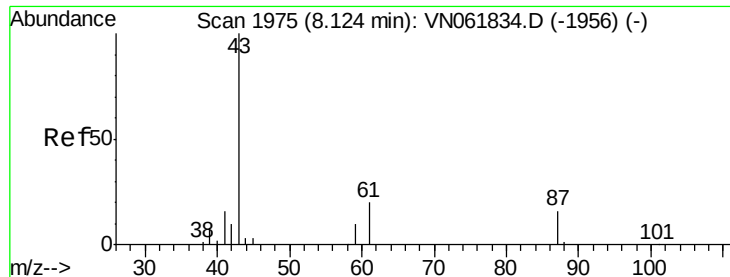
Tot Ion:	41	Resp:	140547
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 51.859 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN061887.D
Acq: 18 Jun 2020 7:29

Tgt Ion:	62	Resp:	129275
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.4





#43

Isopropyl Acetate

Concen: 47.266 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN061887.D

Acq: 18 Jun 2020 7:29

Instrument :

MSVOA_N

ClientSampleId :

RE117D1-20200611MSD

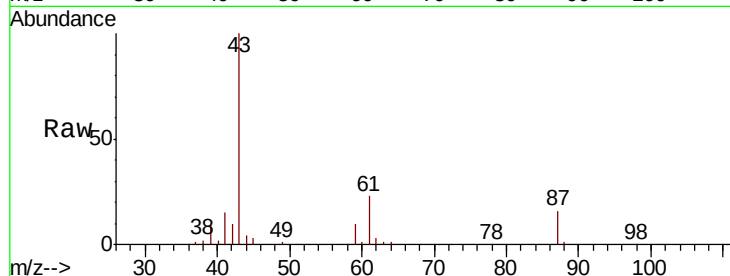
Tot Ion: 43 Resp: 150121

Ion Ratio Lower Upper

43 100

61 32.4 24.0 36.0

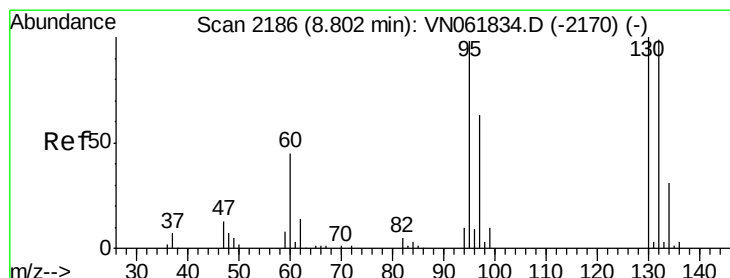
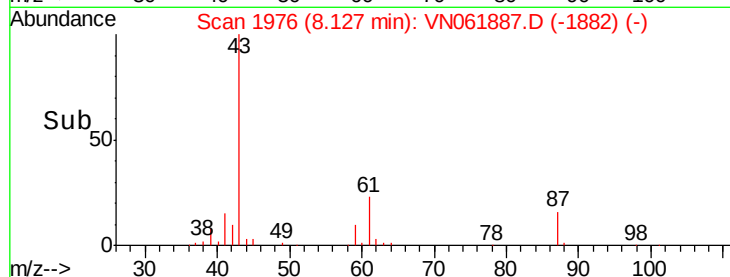
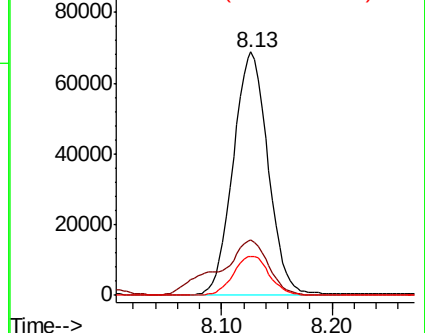
87 16.6 12.5 18.7



Abundance Ion 43.00 (42.70 to 43.70): VN061834.D (-1956) (-)

Ion 61.00 (60.70 to 61.70): VN061834.D (-1956) (-)

Ion 87.00 (86.70 to 87.70): VN061834.D (-1956) (-)



#44

Trichloroethene

Concen: 129.283 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN061887.D

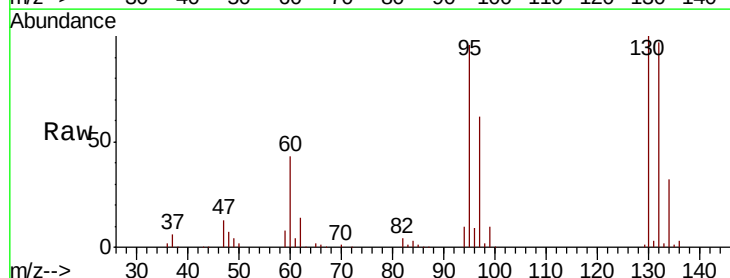
Acq: 18 Jun 2020 7:29

Tgt Ion:130 Resp: 248746

Ion Ratio Lower Upper

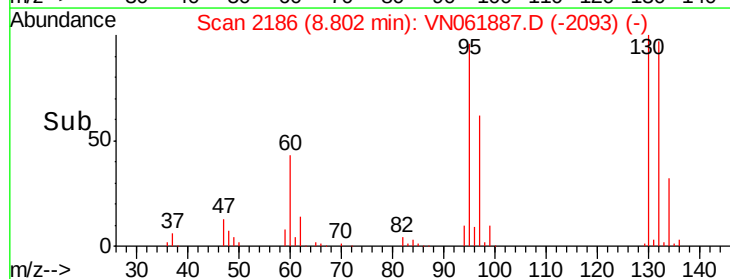
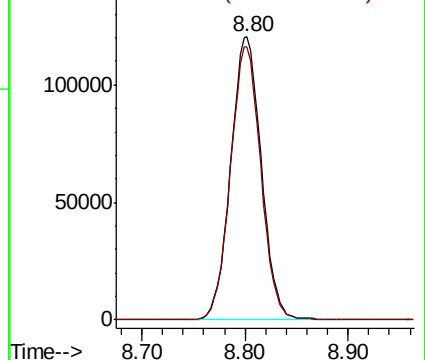
130 100

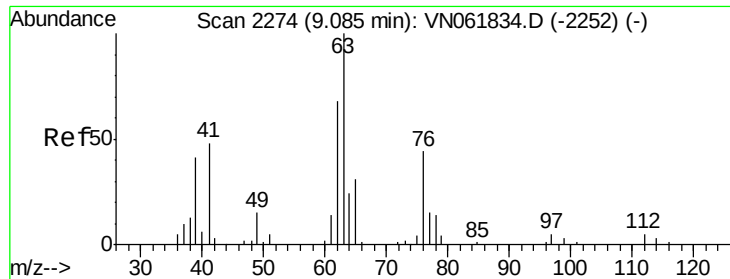
95 96.5 0.0 195.6



Abundance Ion 129.80 (129.50 to 130.50): VN061834.D (-2170) (-)

Ion 94.90 (94.60 to 95.60): VN061834.D (-2170) (-)

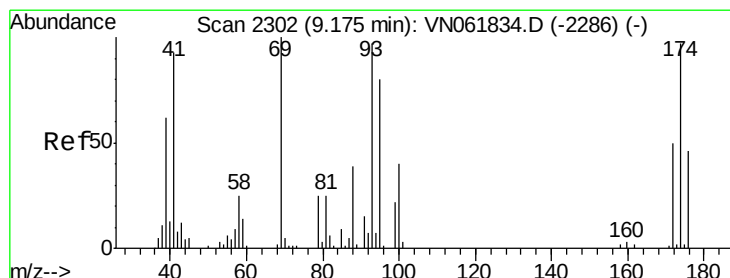
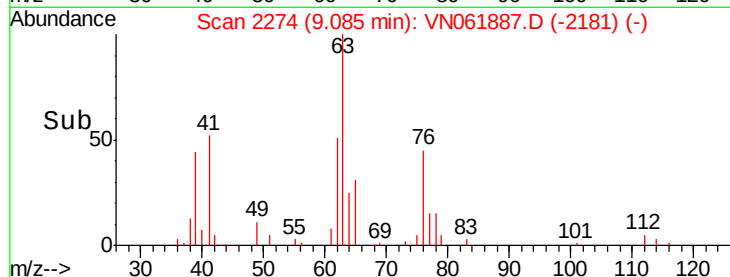
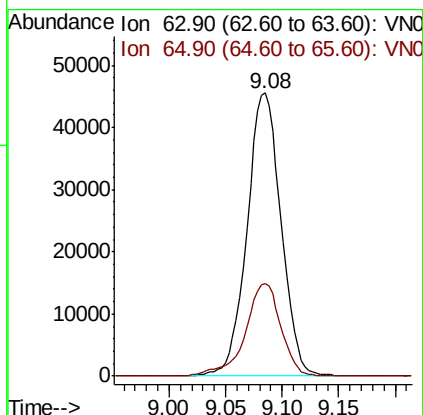
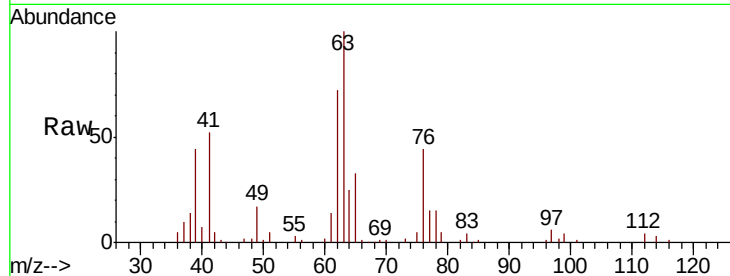




#45
 1,2-Dichloropropane
 Concen: 53.045 ug/l
 RT: 9.08 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN061887.D
 Acq: 18 Jun 2020 7:29

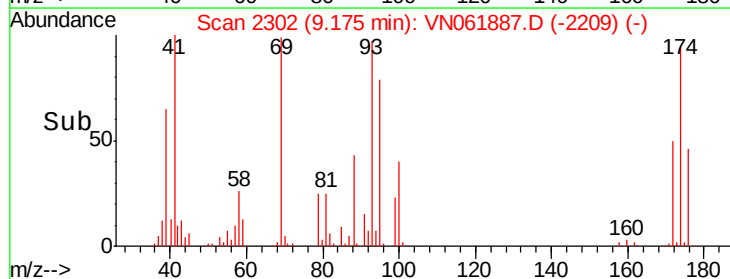
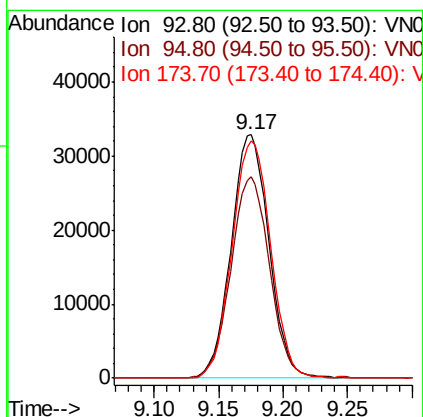
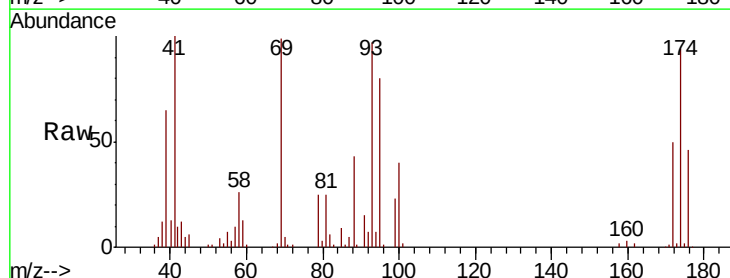
Instrument :
 MSVOA_N
 ClientSampleId :
 RE117D1-20200611MSD

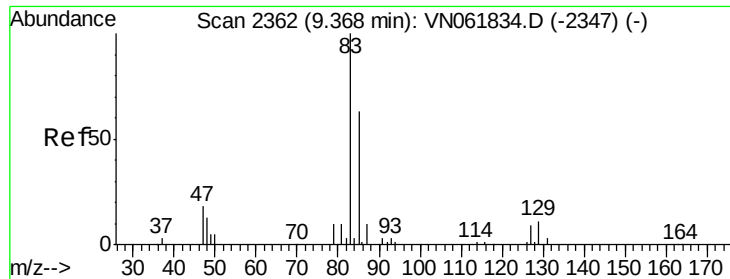
Tot Ion: 63 Resp: 95304
 Ion Ratio Lower Upper
 63 100
 65 32.9 25.1 37.7



#46
 Dibromomethane
 Concen: 52.977 ug/l
 RT: 9.17 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN061887.D
 Acq: 18 Jun 2020 7:29

Tgt Ion: 93 Resp: 67026
 Ion Ratio Lower Upper
 93 100
 95 84.3 65.8 98.6
 174 99.2 78.5 117.7

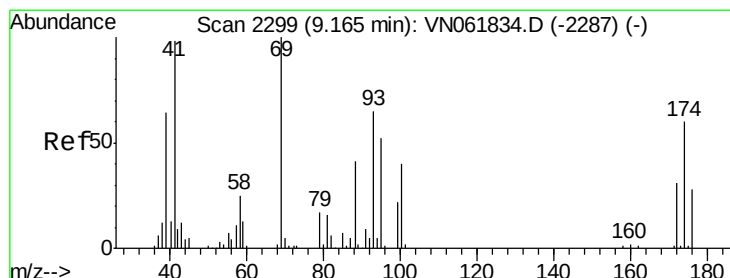
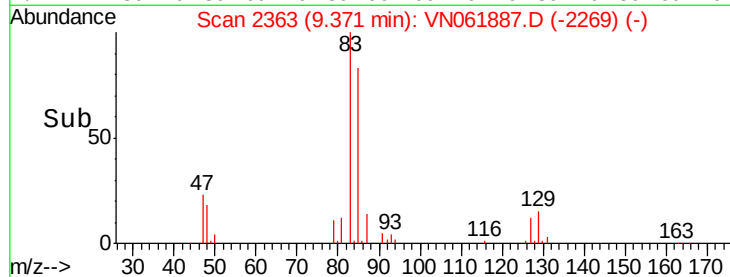
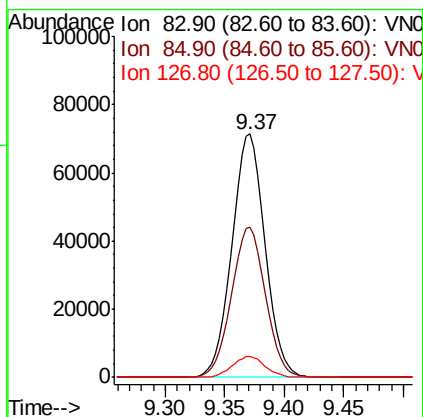
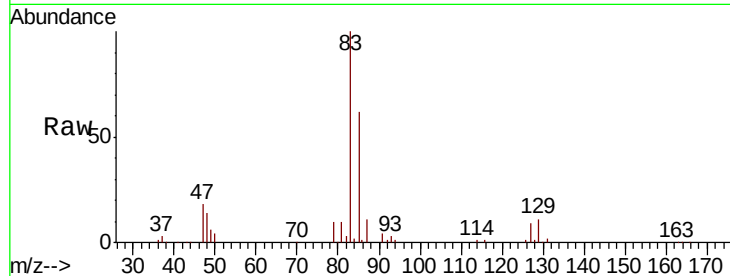




#47
Bromodichloromethane
Concen: 53.208 ug/l
RT: 9.37 min Scan# 2363
Delta R.T. 0.00 min
Lab File: VN061887.D
Acq: 18 Jun 2020 7:29

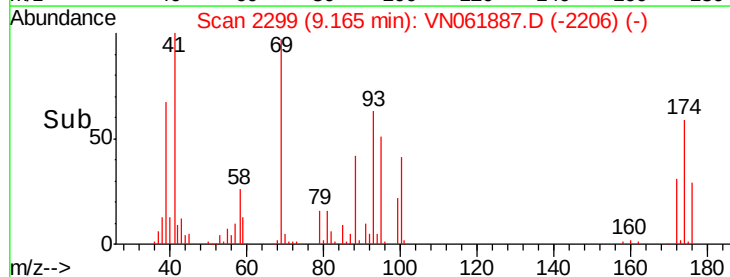
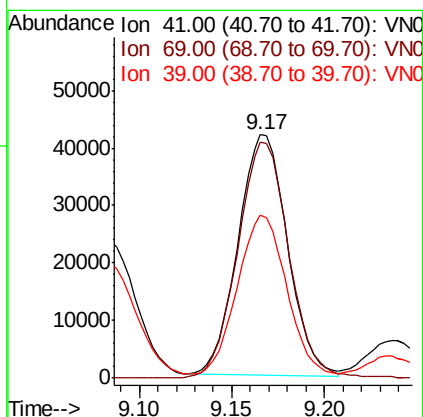
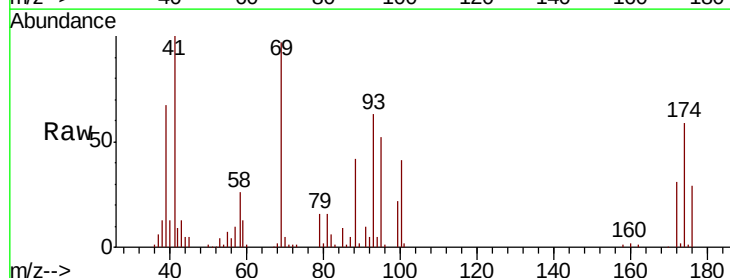
Instrument :
MSVOA_N
ClientSampleId :
RE117D1-20200611MSD

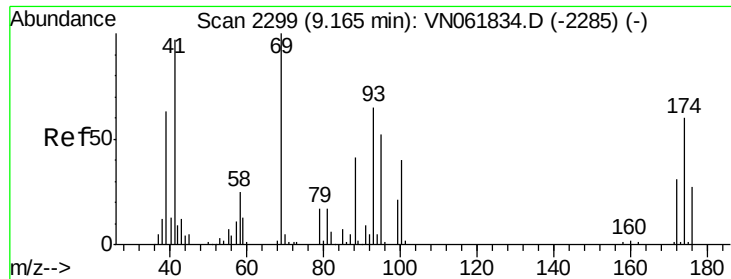
Tot Ion: 83 Resp: 137843
Ion Ratio Lower Upper
83 100
85 61.8 50.8 76.2
127 8.6 7.0 10.4



#48
Methyl methacrylate
Concen: 53.765 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN061887.D
Acq: 18 Jun 2020 7:29

Tgt Ion: 41 Resp: 77657
Ion Ratio Lower Upper
41 100
69 101.8 83.0 124.4
39 69.1 55.1 82.7





#49

1,4-Dioxane

Concen: 1135.755 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN061887.D

Acq: 18 Jun 2020 7:29

Instrument :

MSVOA_N

ClientSampleId :

RE117D1-20200611MSD

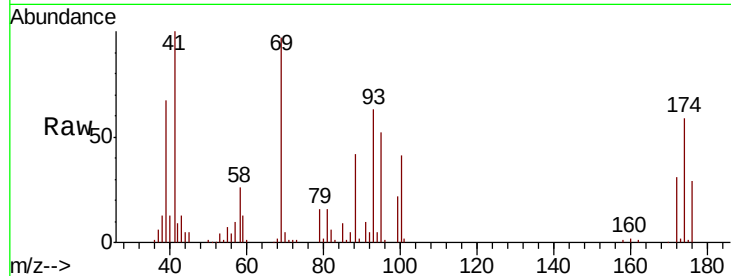
Tot Ion: 88 Resp: 37663

Ion Ratio Lower Upper

88 100

43 27.7 23.4 35.2

58 60.0 49.8 74.6

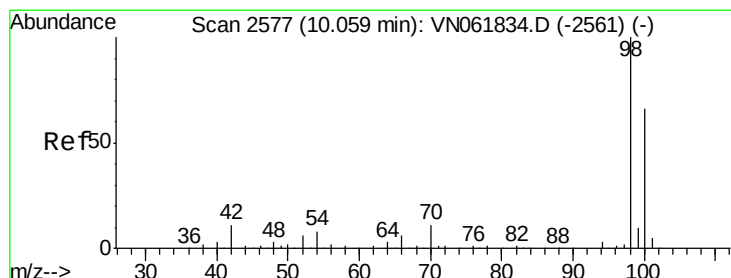
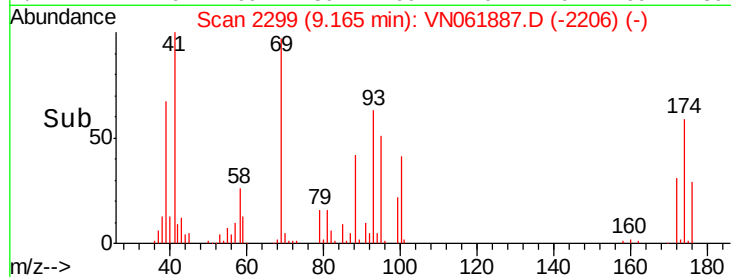
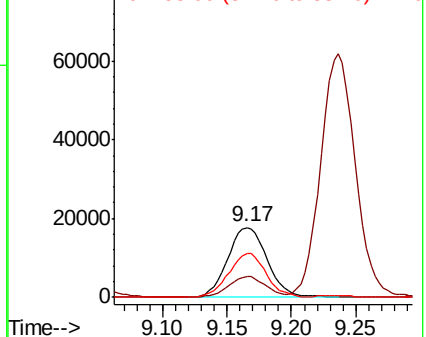


Abundance

Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 45.366 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN061887.D

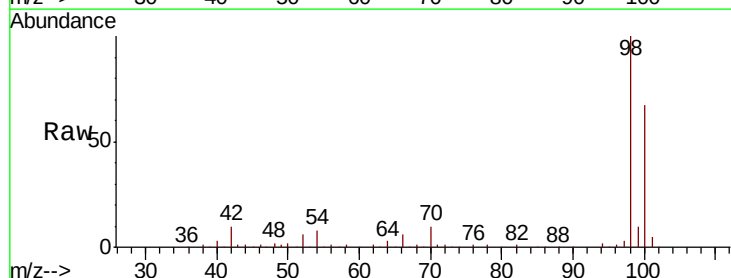
Acq: 18 Jun 2020 7:29

Tgt Ion: 98 Resp: 301911

Ion Ratio Lower Upper

98 100

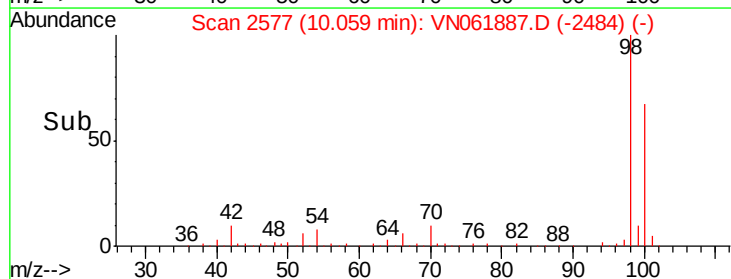
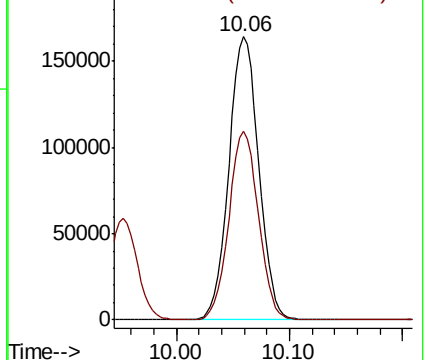
100 66.1 52.7 79.1

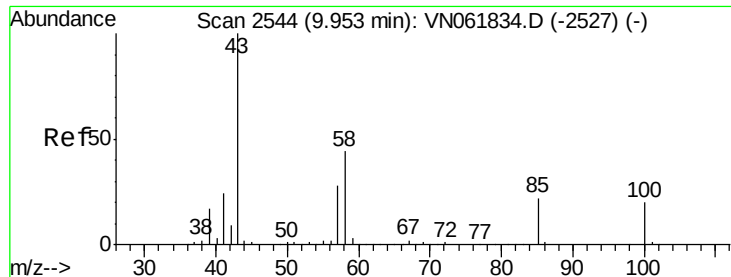


Abundance

Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 268.748 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN061887.D

Acq: 18 Jun 2020 7:29

Instrument :

MSVOA_N

ClientSampleId :

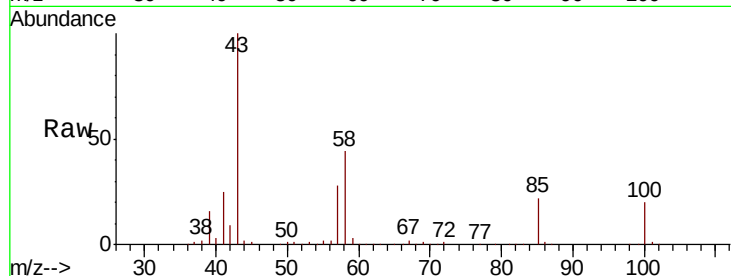
RE117D1-20200611MSD

Tot Ion: 43 Resp: 504406

Ion Ratio Lower Upper

43 100

58 43.3 34.6 52.0



Abundance Ion 43.00 (42.70 to 43.70): VN061834.D (-2527) (-)

Ion 58.00 (57.70 to 58.70): VN061834.D (-2527) (-)

9.95

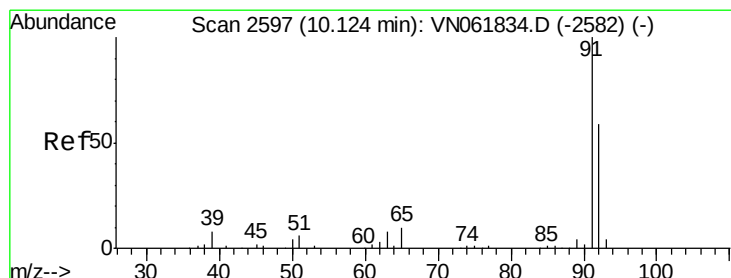
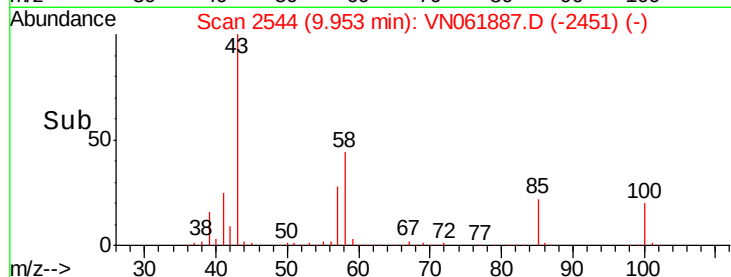
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 54.675 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN061887.D

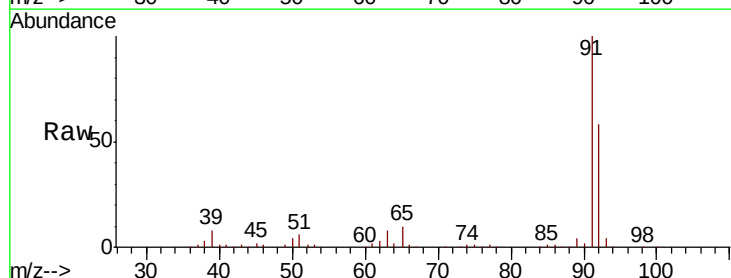
Acq: 18 Jun 2020 7:29

Tgt Ion: 92 Resp: 251037

Ion Ratio Lower Upper

92 100

91 172.7 137.1 205.7



Abundance Ion 92.00 (91.70 to 92.70): VN061834.D (-2582) (-)

Ion 91.00 (90.70 to 91.70): VN061834.D (-2582) (-)

10.12

250000

200000

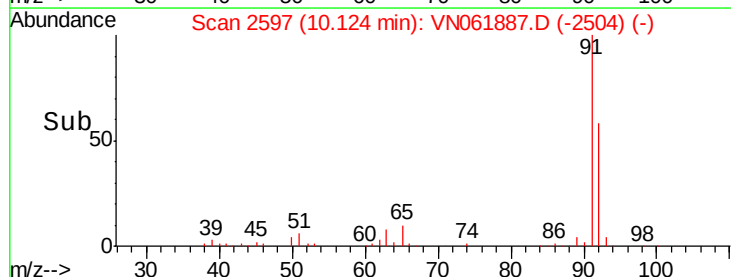
150000

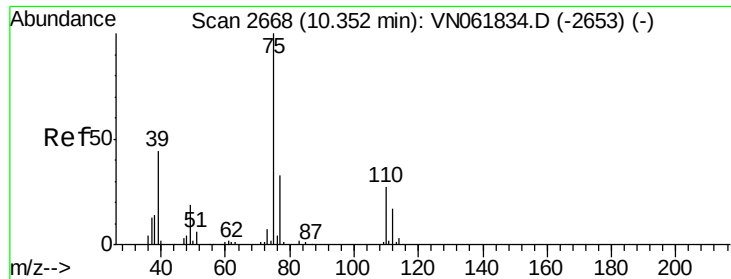
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 51.088 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN061887.D

Acq: 18 Jun 2020 7:29

Instrument :

MSVOA_N

ClientSampleId :

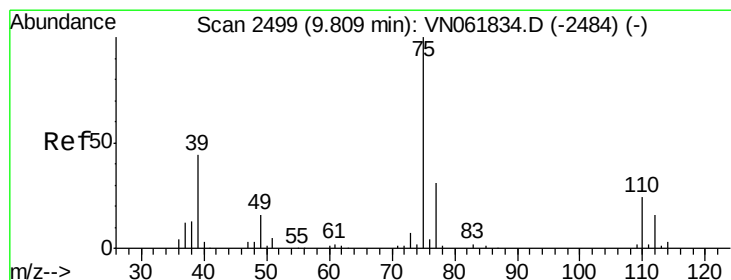
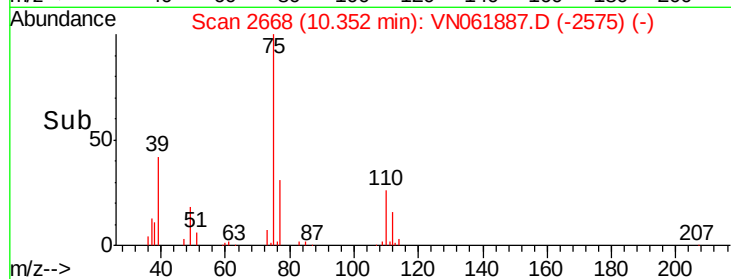
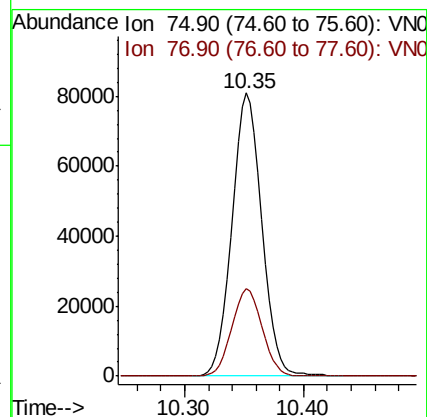
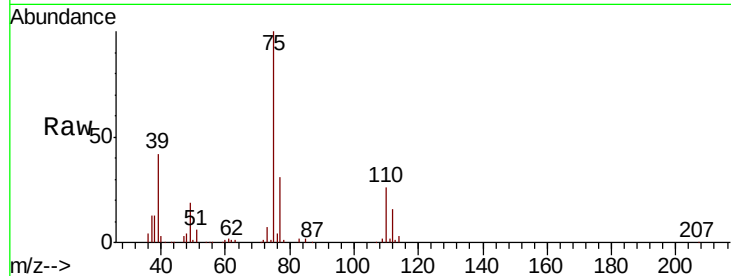
RE117D1-20200611MSD

Tot Ion: 75 Resp: 140503

Ion Ratio Lower Upper

75 100

77 30.8 26.3 39.5



#54

cis-1,3-Dichloropropene

Concen: 49.761 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN061887.D

Acq: 18 Jun 2020 7:29

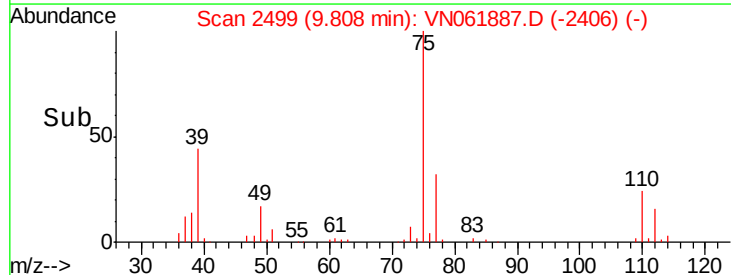
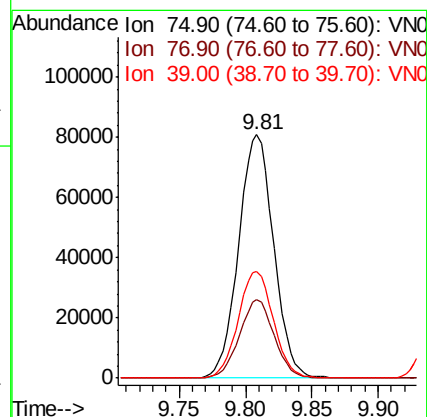
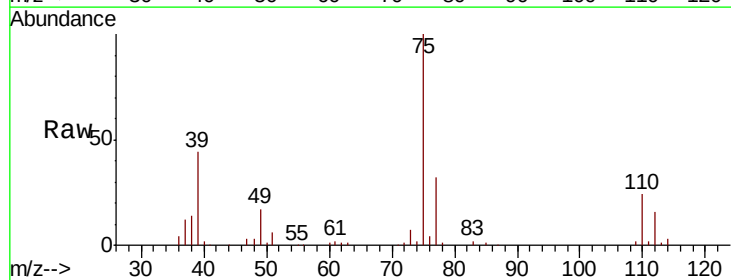
Tgt Ion: 75 Resp: 148644

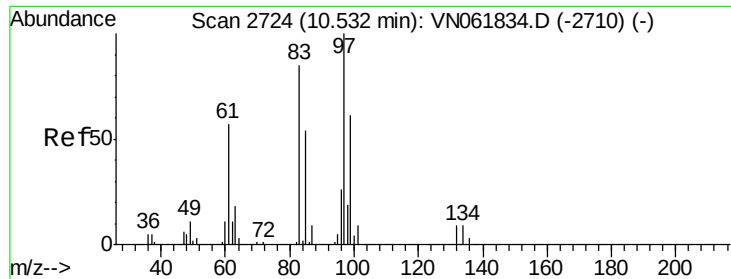
Ion Ratio Lower Upper

75 100

77 32.5 24.8 37.2

39 43.7 35.4 53.0





#55

1,1,2-Trichloroethane

Concen: 54.565 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.00 min

Lab File: VN061887.D

Acq: 18 Jun 2020 7:29

Instrument :

MSVOA_N

ClientSampleId :

RE117D1-20200611MSD

Tot Ion: 97 Resp: 98572

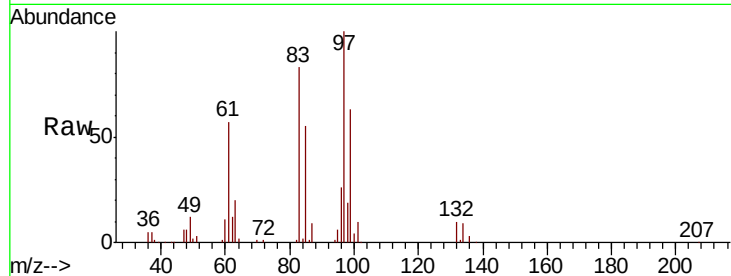
Ion Ratio Lower Upper

97 100

83 82.8 67.7 101.5

85 54.8 43.4 65.0

99 63.0 48.8 73.2

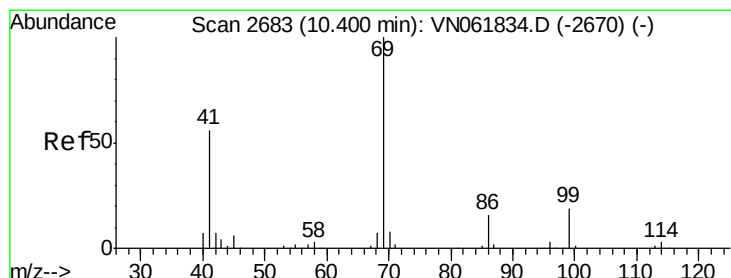
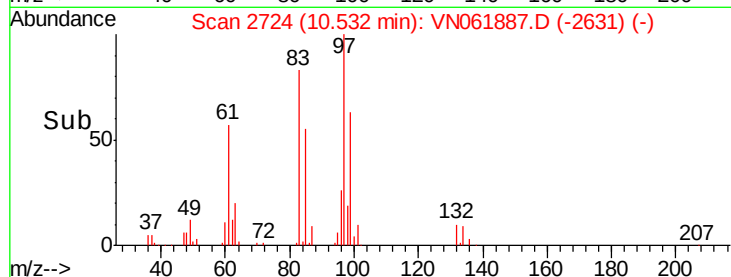
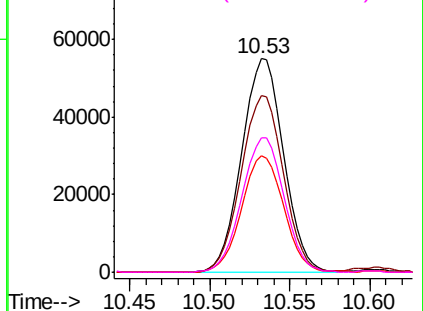


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 48.803 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. 0.00 min

Lab File: VN061887.D

Acq: 18 Jun 2020 7:29

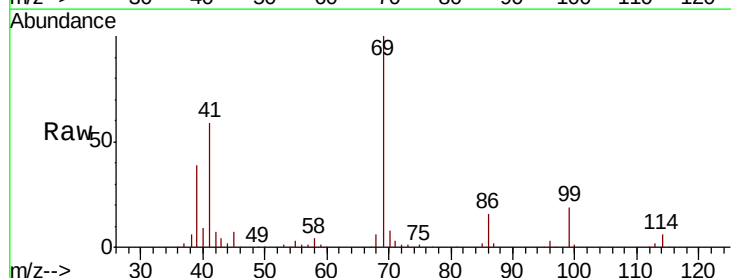
Tgt Ion: 69 Resp: 134463

Ion Ratio Lower Upper

69 100

41 57.1 44.9 67.3

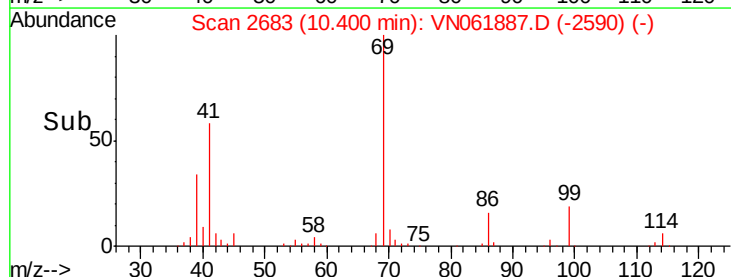
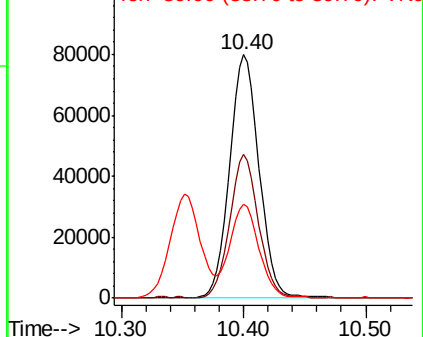
39 38.2 30.0 45.0

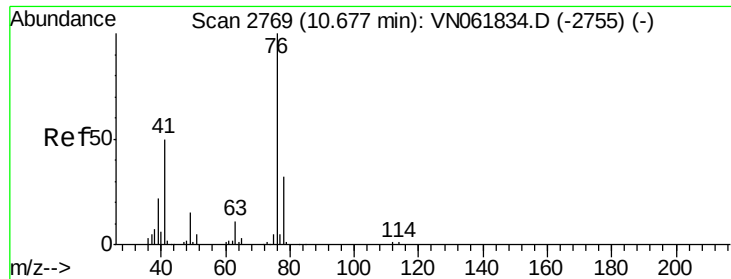


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

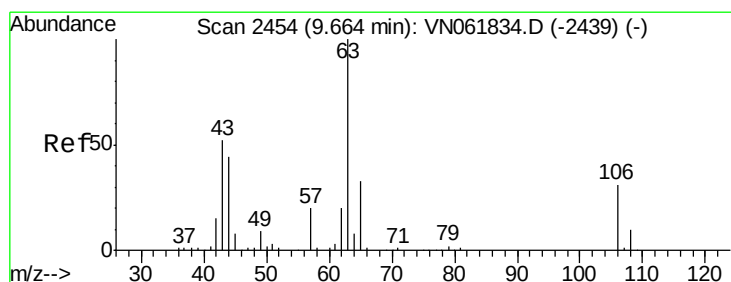
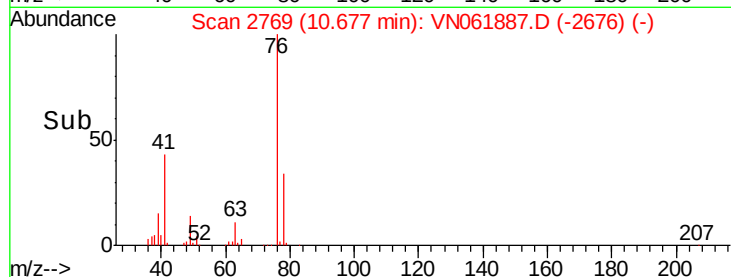
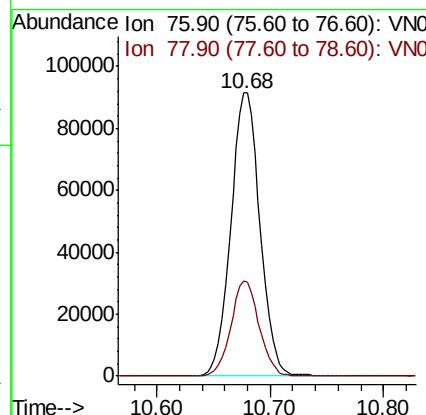
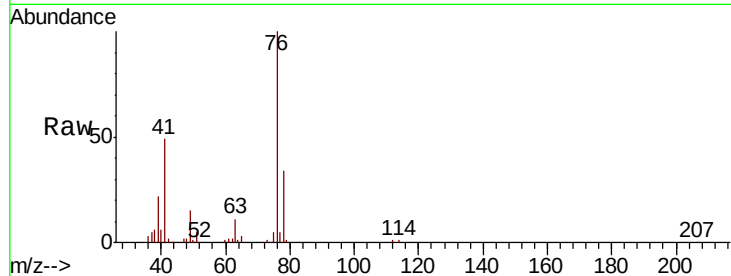




#57
 1,3-Dichloropropane
 Concen: 53.413 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN061887.D
 Acq: 18 Jun 2020 7:29

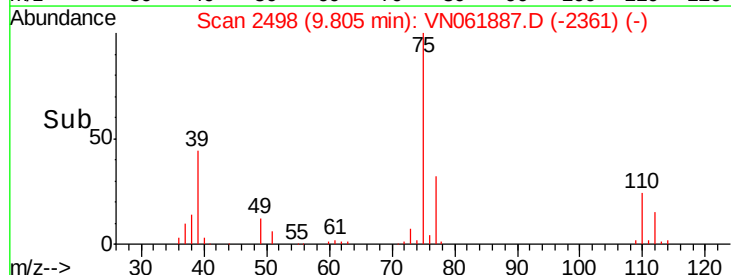
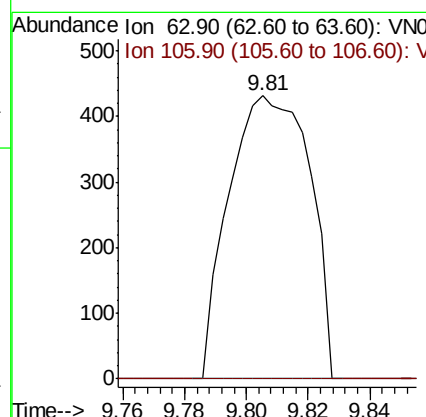
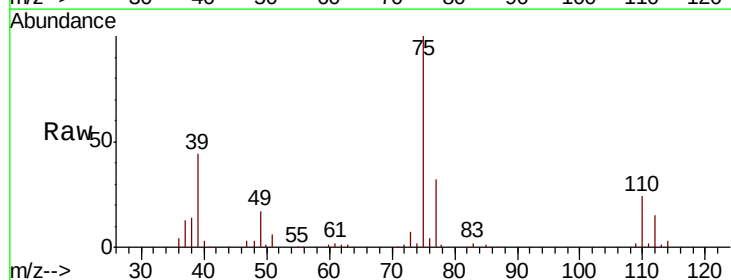
Instrument :
 MSVOA_N
 ClientSampleId :
 RE117D1-20200611MSD

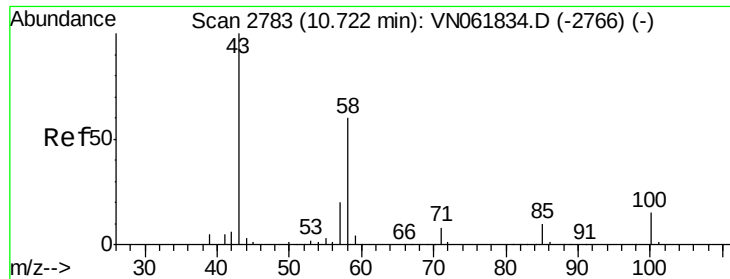
Tot Ion: 76 Resp: 163470
 Ion Ratio Lower Upper
 76 100
 78 32.7 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 0.822 ug/l
 RT: 9.81 min Scan# 2498
 Delta R.T. 0.14 min
 Lab File: VN061887.D
 Acq: 18 Jun 2020 7:29

Tgt Ion: 63 Resp: 784
 Ion Ratio Lower Upper
 63 100
 106 0.0 24.6 36.8#

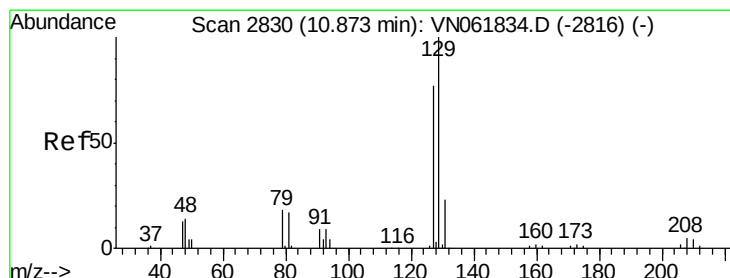
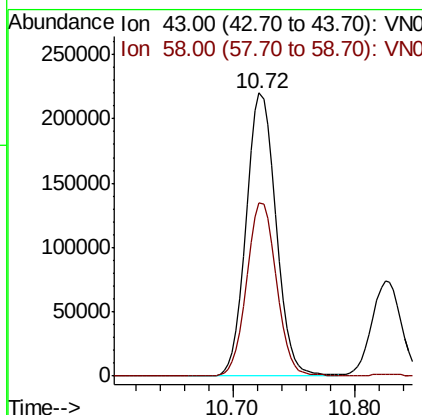
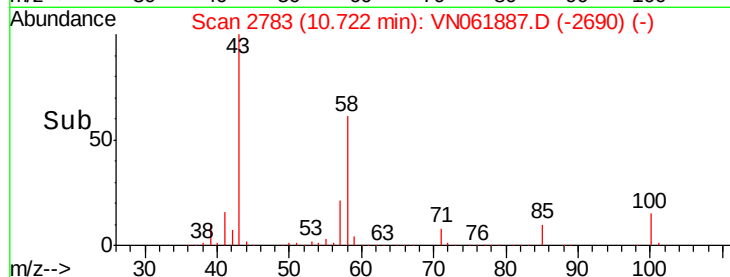
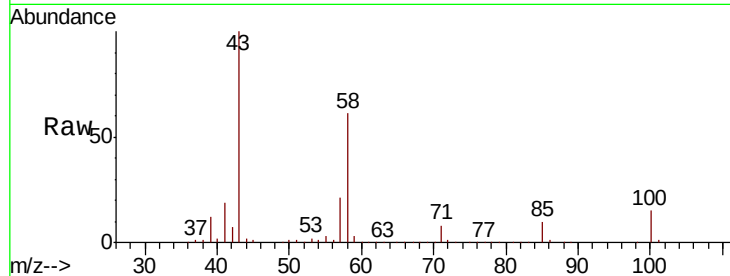




#59
2-Hexanone
Concen: 246.702 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN061887.D
Acq: 18 Jun 2020 7:29

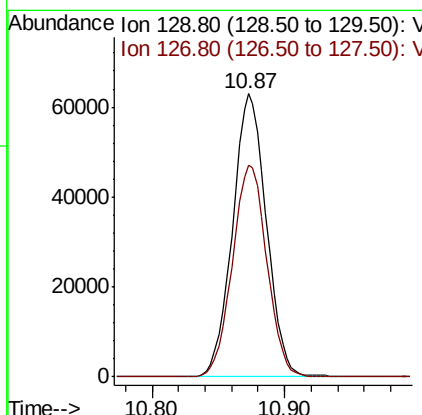
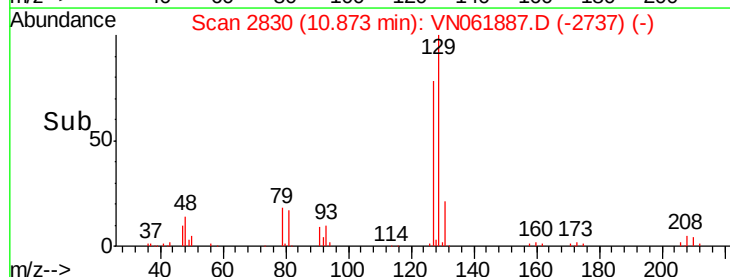
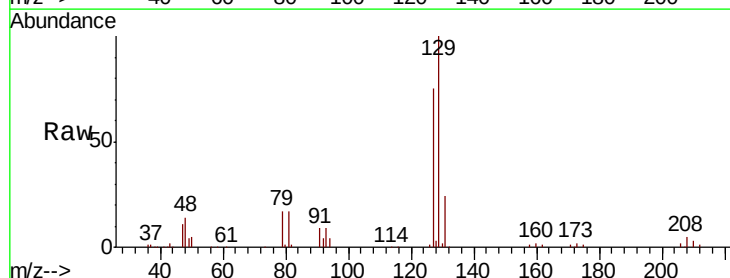
Instrument :
MSVOA_N
ClientSampleId :
RE117D1-20200611MSD

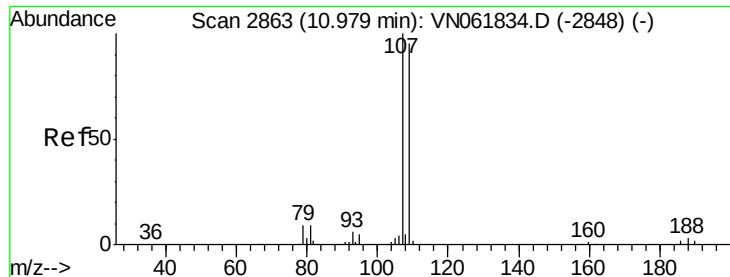
Tot Ion: 43 Resp: 369638
Ion Ratio Lower Upper
43 100
58 61.2 30.1 90.5



#60
Dibromochloromethane
Concen: 55.166 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN061887.D
Acq: 18 Jun 2020 7:29

Tgt Ion: 129 Resp: 111203
Ion Ratio Lower Upper
129 100
127 76.1 38.5 115.5

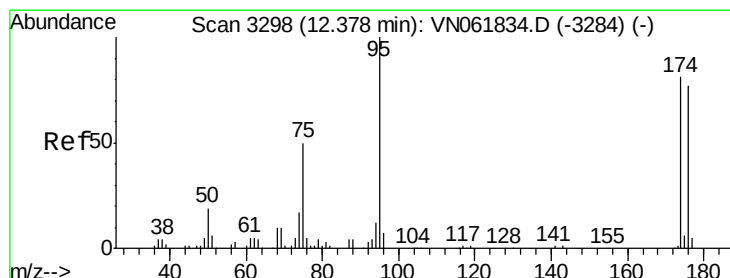
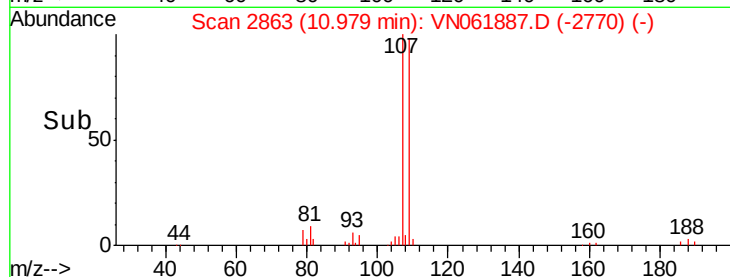
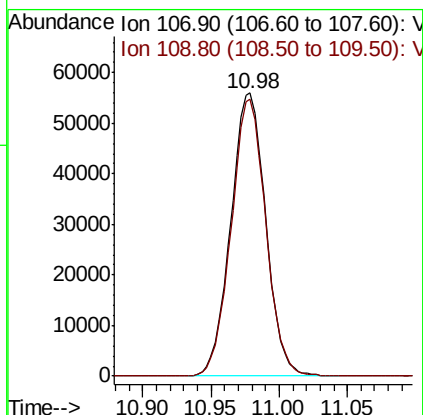
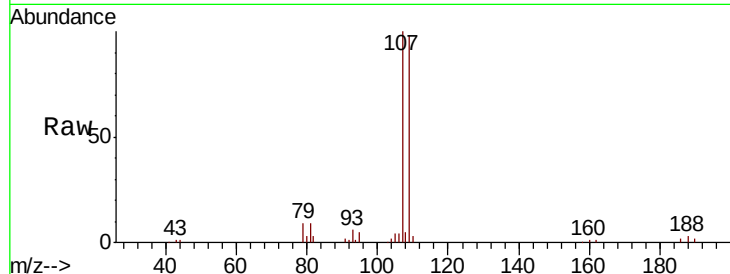




#61
 1,2-Dibromoethane
 Concen: 52.801 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. -0.00 min
 Lab File: VN061887.D
 Acq: 18 Jun 2020 7:29

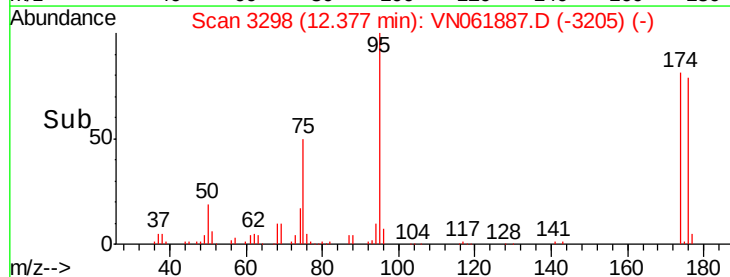
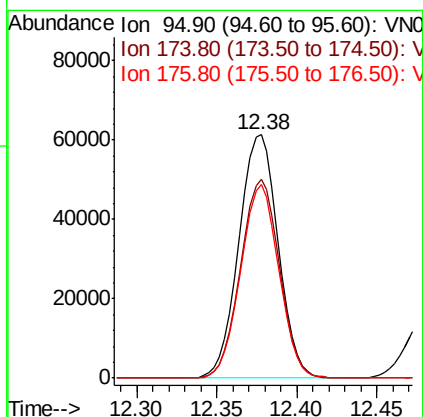
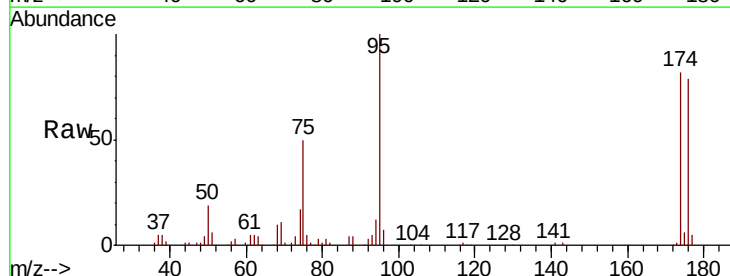
Instrument :
 MSVOA_N
 ClientSampleId :
 RE117D1-20200611MSD

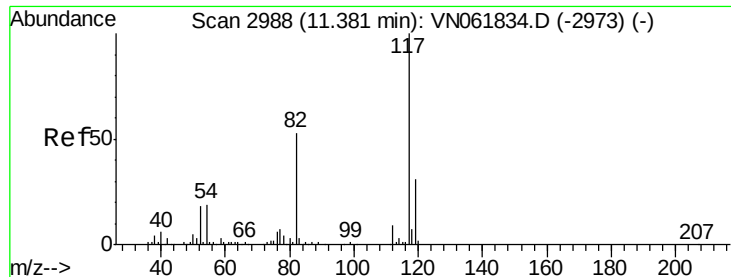
Tot Ion: 107 Resp: 99601
 Ion Ratio Lower Upper
 107 100
 109 96.8 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 44.864 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN061887.D
 Acq: 18 Jun 2020 7:29

Tgt Ion: 95 Resp: 102413
 Ion Ratio Lower Upper
 95 100
 174 80.9 0.0 158.6
 176 77.6 0.0 152.0

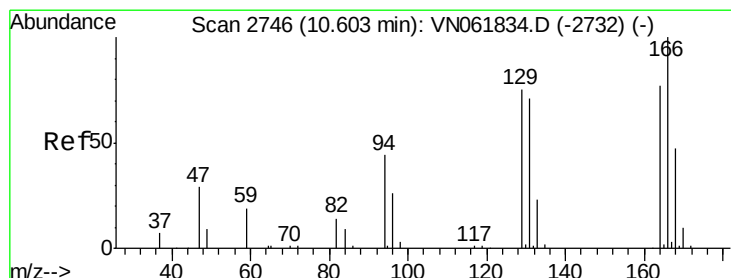
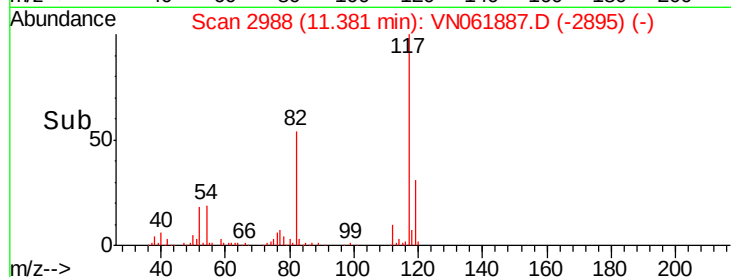
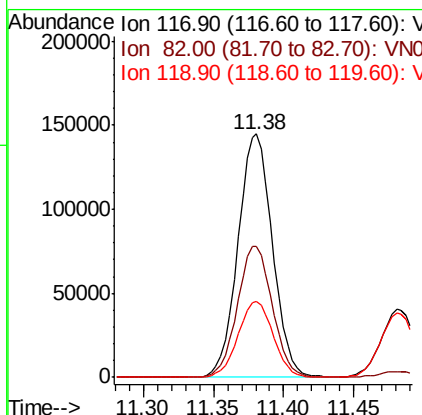
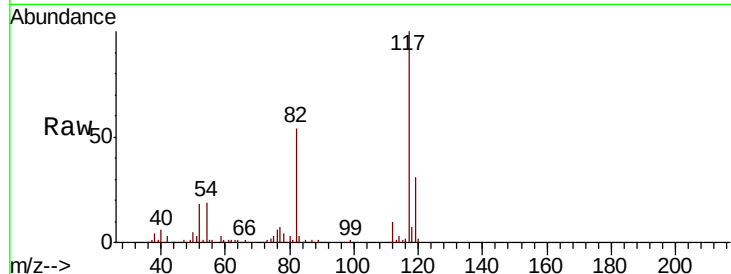




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN061887.D
Acq: 18 Jun 2020 7:29

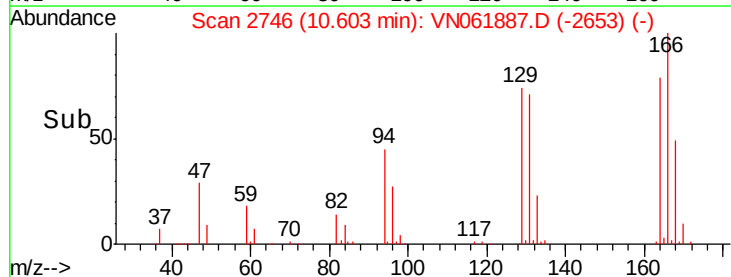
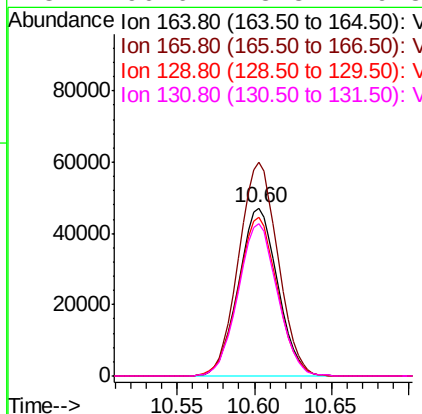
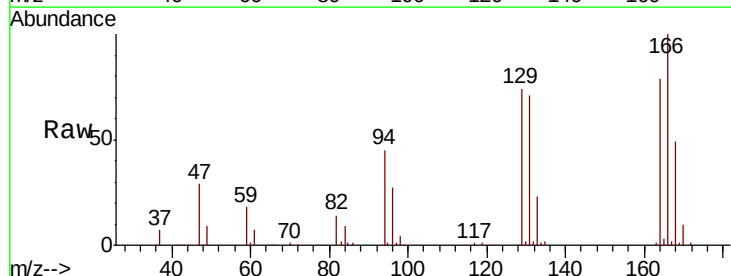
Instrument :
MSVOA_N
ClientSampleId :
RE117D1-20200611MSD

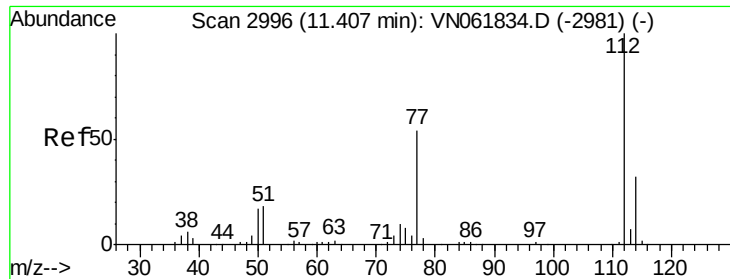
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.0	42.6	64.0
119	31.1	24.7	37.1



#64
Tetrachloroethene
Concen: 52.538 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN061887.D
Acq: 18 Jun 2020 7:29

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.3	103.5	155.3
129	94.6	77.5	116.3
131	90.6	73.8	110.8

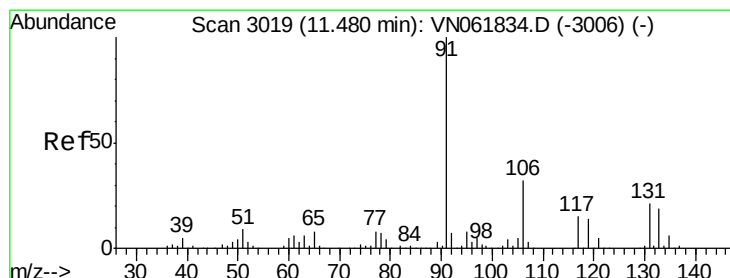
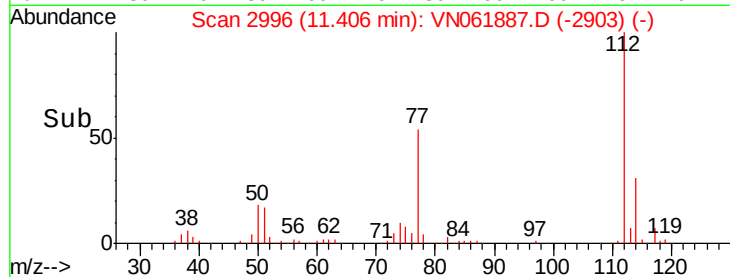
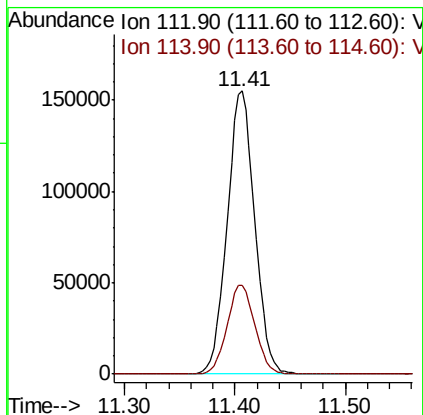
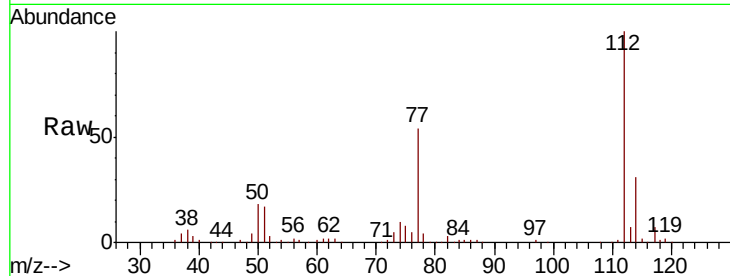




#65
Chlorobenzene
Concen: 51.346 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN061887.D
Acq: 18 Jun 2020 7:29

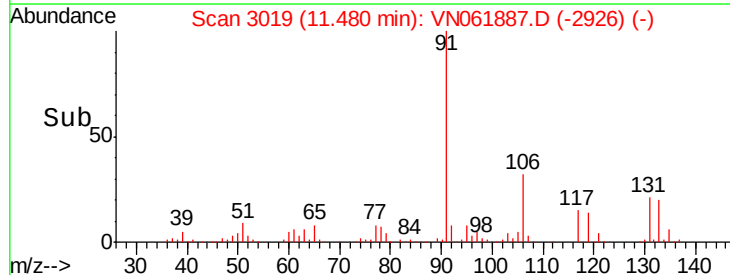
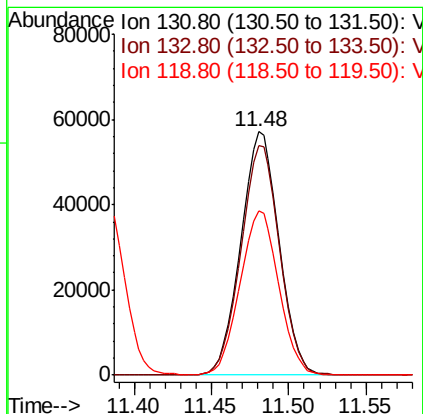
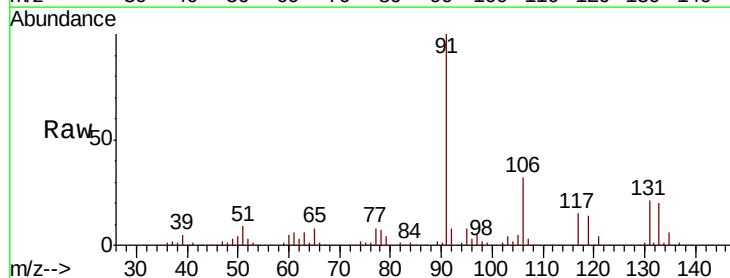
Instrument :
MSVOA_N
ClientSampleId :
RE117D1-20200611MSD

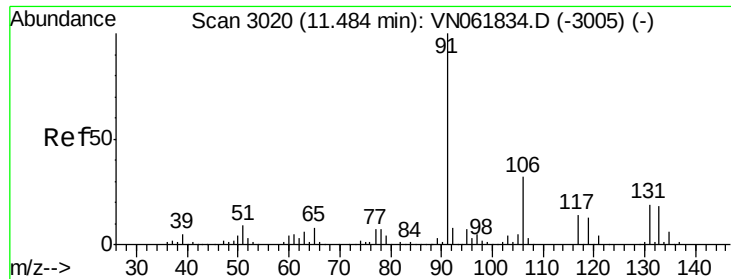
Tot Ion:112 Resp: 268537
Ion Ratio Lower Upper
112 100
114 31.3 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 53.803 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN061887.D
Acq: 18 Jun 2020 7:29

Tgt Ion:131 Resp: 98138
Ion Ratio Lower Upper
131 100
133 95.4 47.5 142.5
119 68.2 34.0 101.8

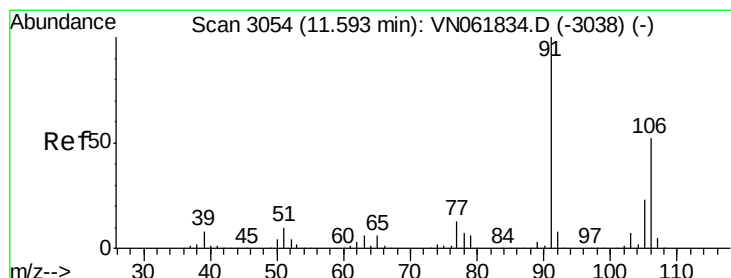
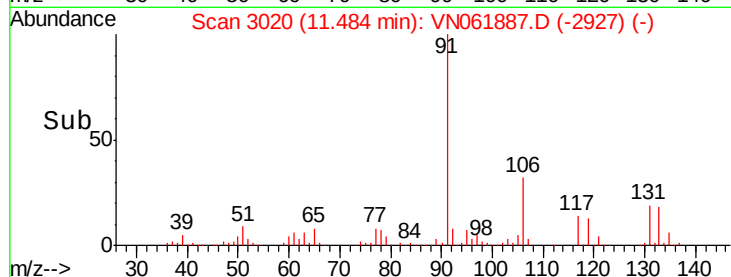
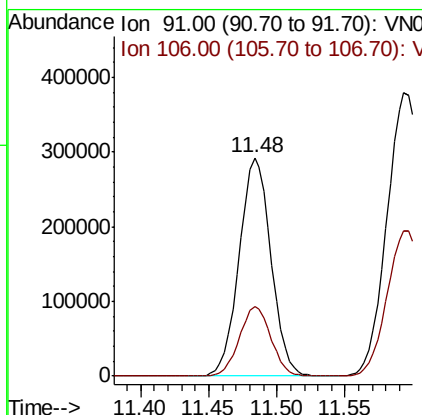
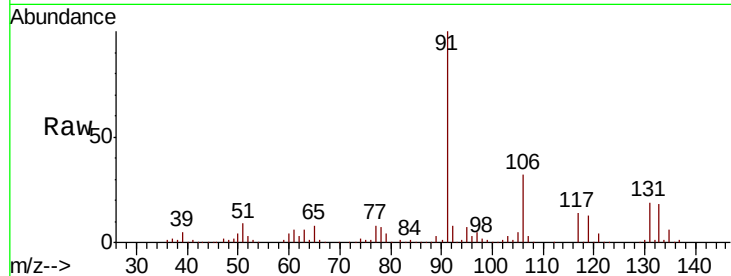




#67
Ethyl Benzene
Concen: 53.976 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN061887.D
Acq: 18 Jun 2020 7:29

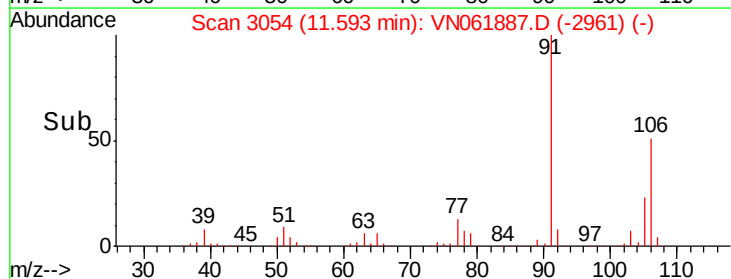
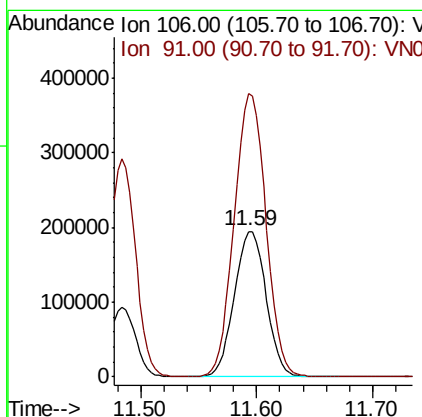
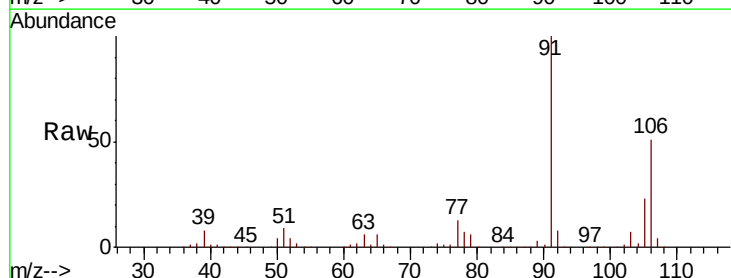
Instrument :
MSVOA_N
ClientSampleId :
RE117D1-20200611MSD

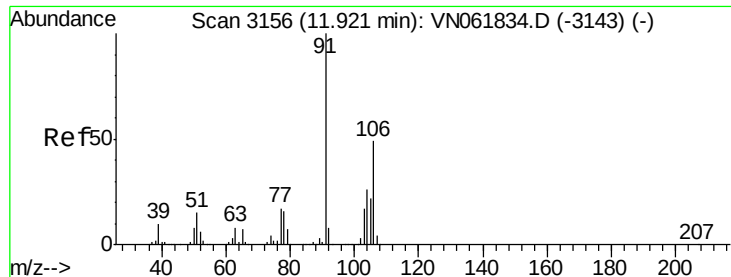
Tot Ion: 91 Resp: 473300
Ion Ratio Lower Upper
91 100
106 31.9 25.4 38.2



#68
m/p-Xylenes
Concen: 109.401 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN061887.D
Acq: 18 Jun 2020 7:29

Tgt Ion: 106 Resp: 369911
Ion Ratio Lower Upper
106 100
91 195.5 157.0 235.6

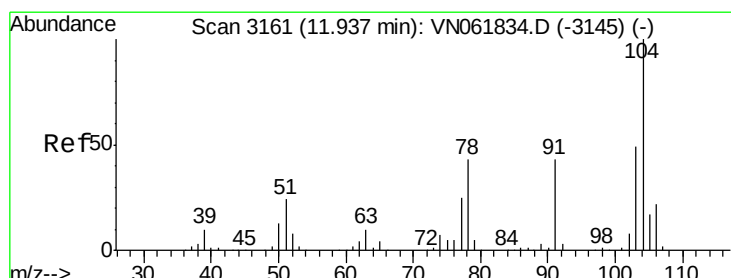
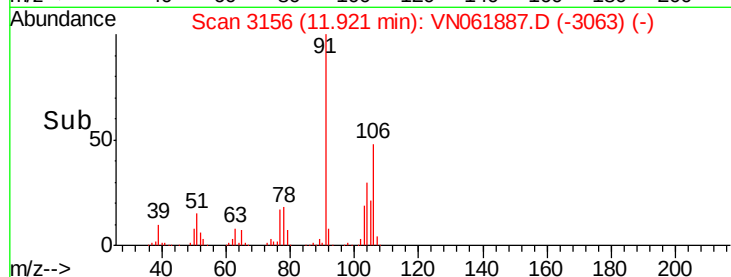
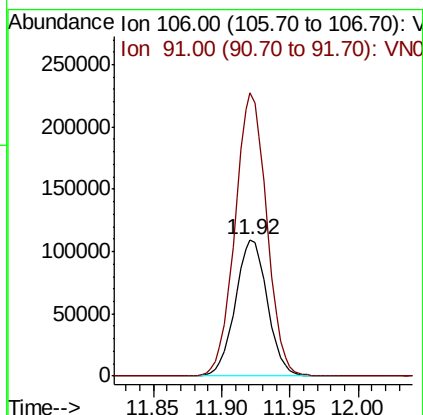
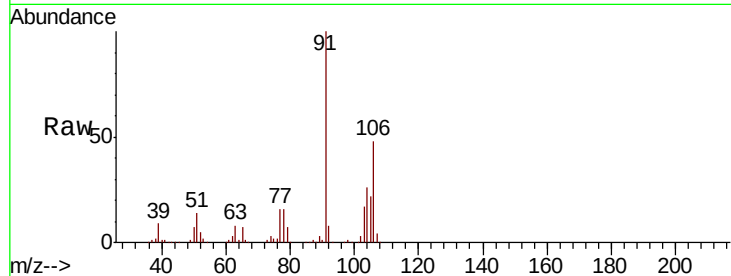




#69
o-Xylene
Concen: 55.336 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN061887.D
Acq: 18 Jun 2020 7:29

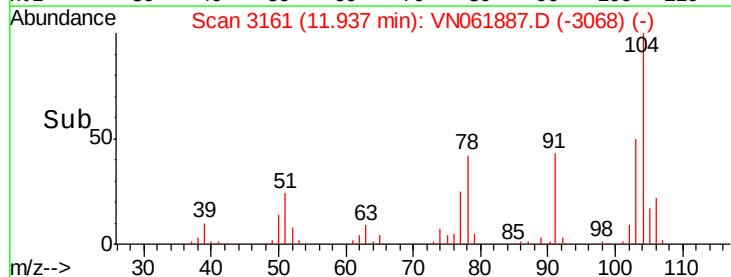
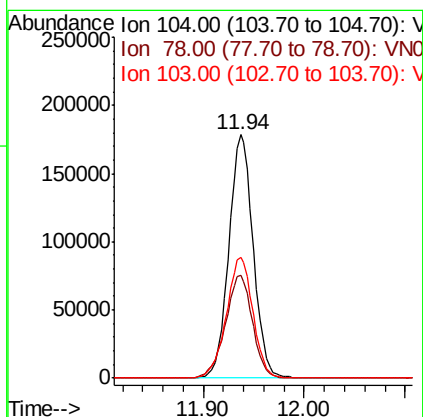
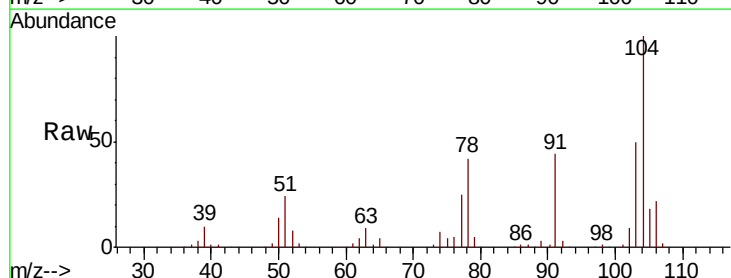
Instrument :
MSVOA_N
ClientSampleId :
RE117D1-20200611MSD

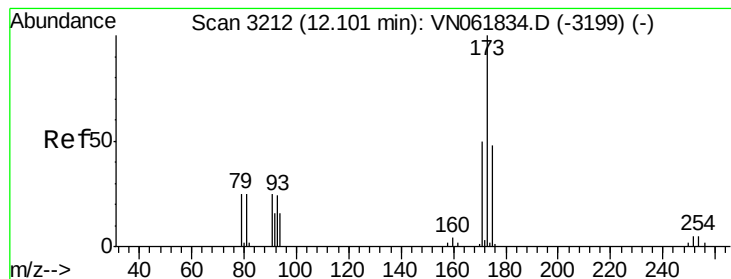
Tot Ion:106 Resp: 178526
Ion Ratio Lower Upper
106 100
91 205.6 103.0 308.9



#70
Styrene
Concen: 55.649 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN061887.D
Acq: 18 Jun 2020 7:29

Tgt Ion:104 Resp: 300610
Ion Ratio Lower Upper
104 100
78 46.9 37.6 56.4
103 54.1 43.0 64.4





#71

Bromoform

Concen: 55.761 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN061887.D

Acq: 18 Jun 2020 7:29

Instrument :

MSVOA_N

ClientSampleId :

RE117D1-20200611MSD

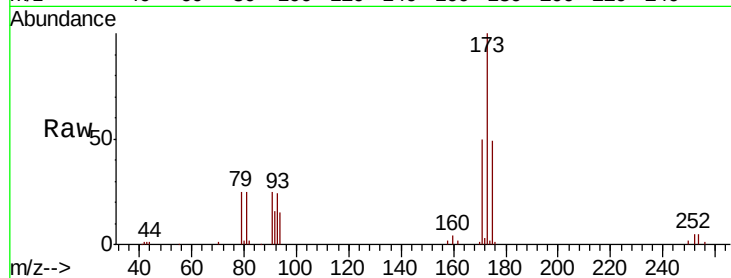
Tot Ion:173 Resp: 74161

Ion Ratio Lower Upper

173 100

175 49.2 23.9 71.7

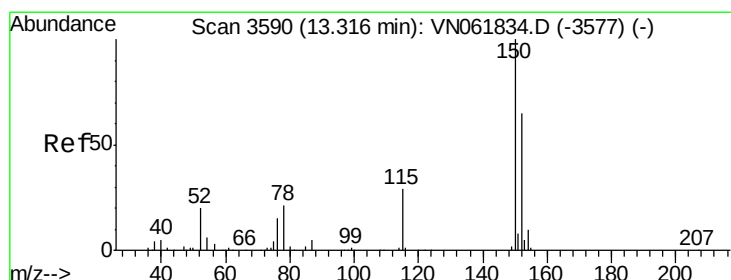
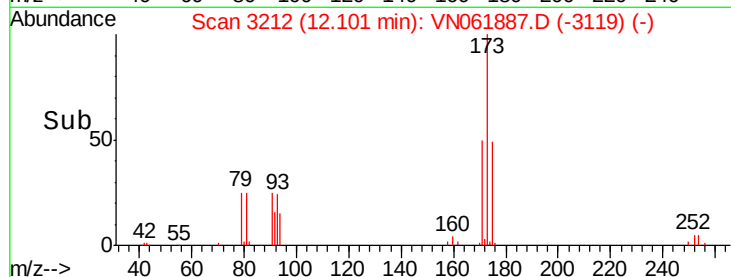
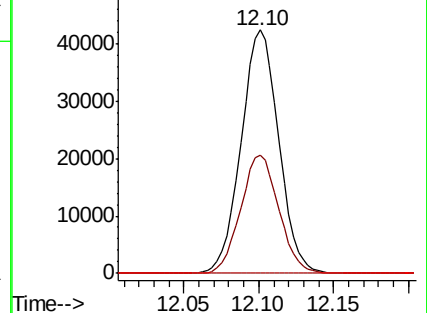
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN061887.D

Acq: 18 Jun 2020 7:29

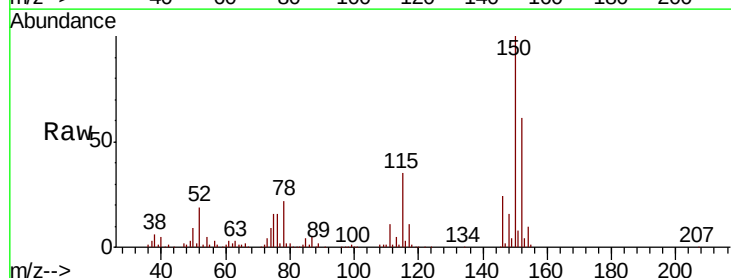
Tgt Ion:152 Resp: 121051

Ion Ratio Lower Upper

152 100

115 58.1 29.1 87.3

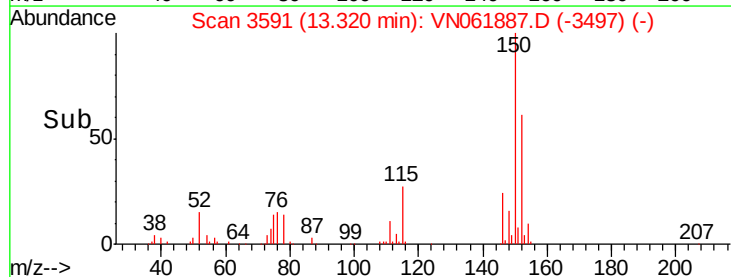
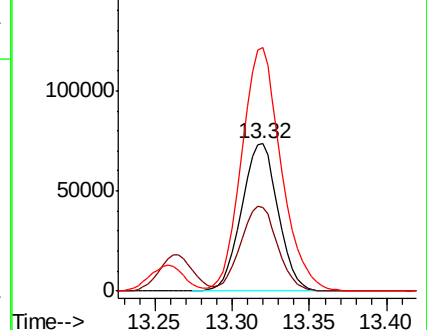
150 178.4 0.0 347.6

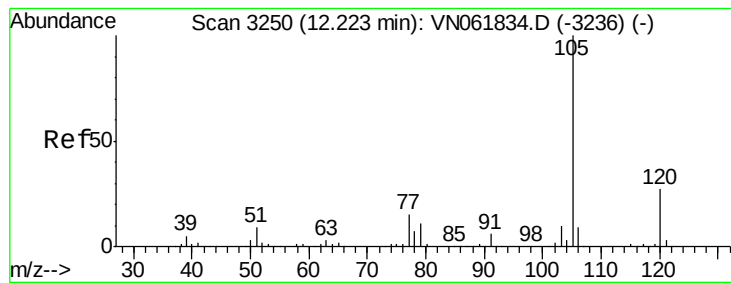


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 53.785 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN061887.D

Acq: 18 Jun 2020 7:29

Instrument :

MSVOA_N

ClientSampleId :

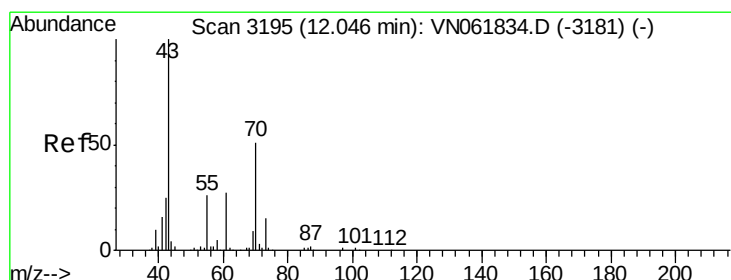
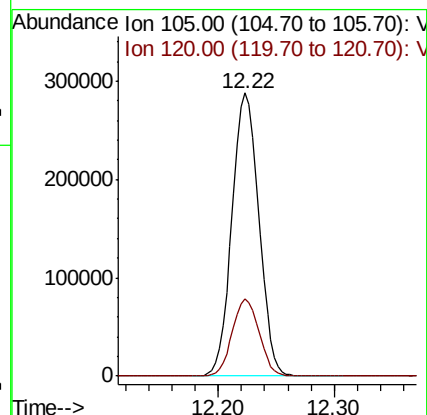
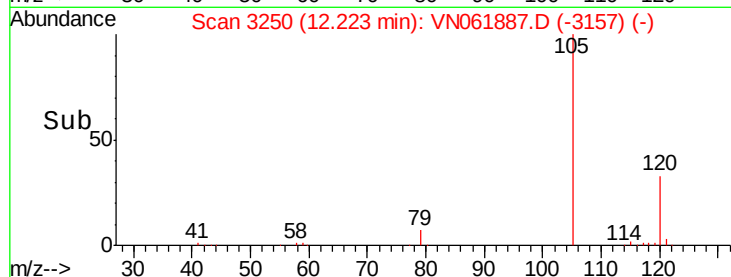
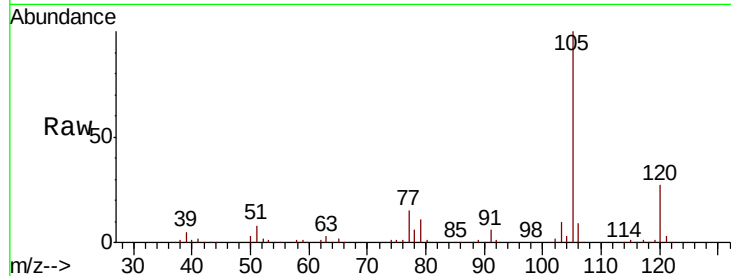
RE117D1-20200611MSD

Tot Ion:105 Resp: 462662

Ion Ratio Lower Upper

105 100

120 27.1 13.3 39.8



#74

N-ethyl acetate

Concen: 41.334 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN061887.D

Acq: 18 Jun 2020 7:29

Tgt Ion: 43 Resp: 126999

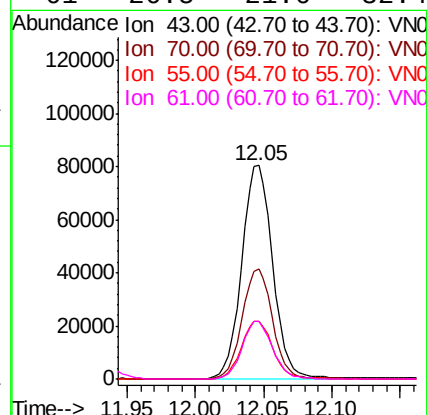
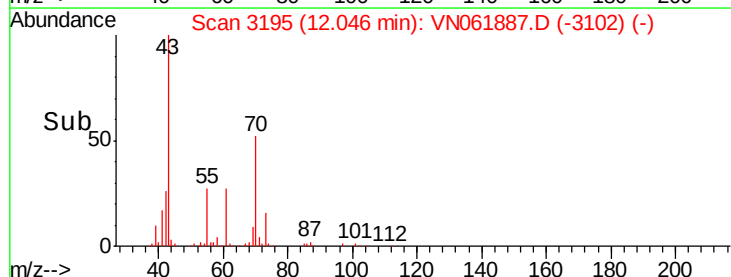
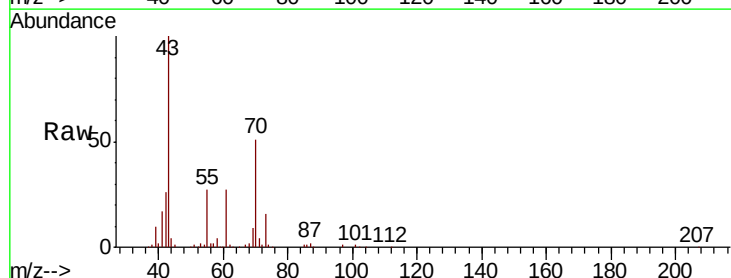
Ion Ratio Lower Upper

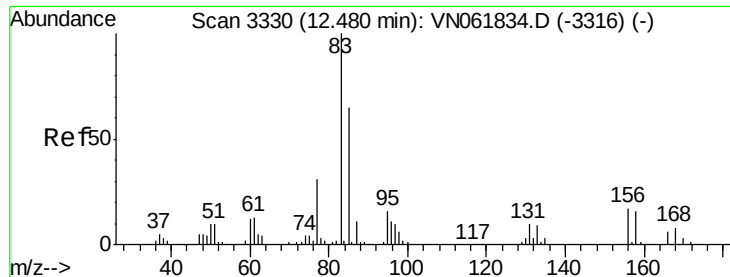
43 100

70 50.8 40.6 60.8

55 27.5 21.5 32.3

61 26.5 21.6 32.4





#75

1,1,2,2-Tetrachloroethane

Concen: 50.646 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. -0.00 min

Lab File: VN061887.D

Acq: 18 Jun 2020 7:29

Instrument :

MSVOA_N

ClientSampleId :

RE117D1-20200611MSD

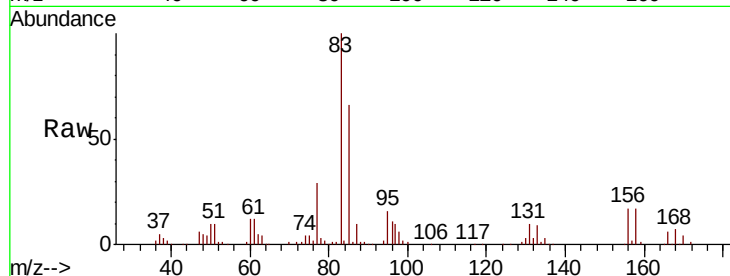
Tot Ion: 83 Resp: 141643

Ion Ratio Lower Upper

83 100

131 10.2 5.0 15.0

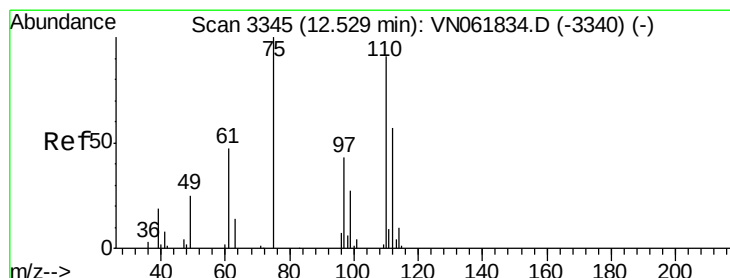
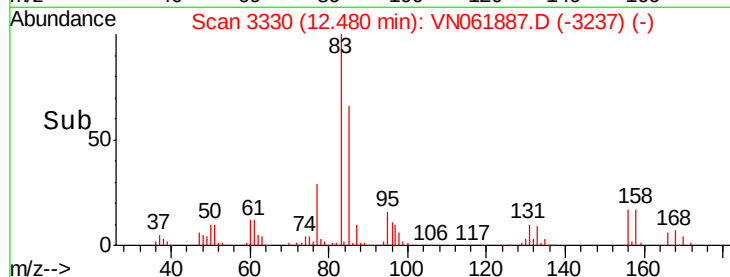
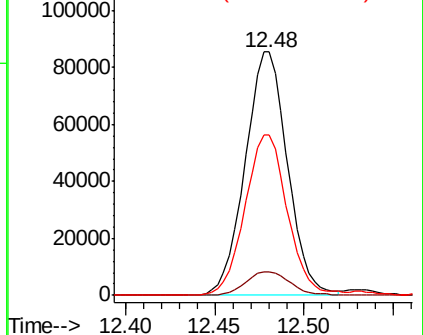
85 66.0 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VN061887.D (-3237) (-)

Ion 130.80 (130.50 to 131.50): VN061887.D (-3237) (-)

Ion 84.90 (84.60 to 85.60): VN061887.D (-3237) (-)



#76

1,2,3-Trichloropropane

Concen: 72.003 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN061887.D

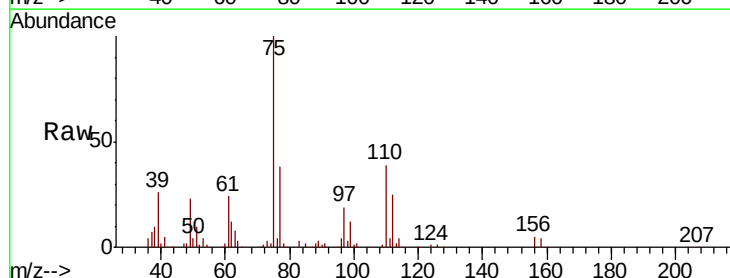
Acq: 18 Jun 2020 7:29

Tgt Ion: 75 Resp: 171117

Ion Ratio Lower Upper

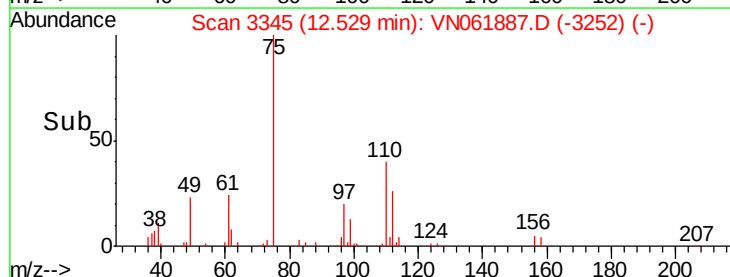
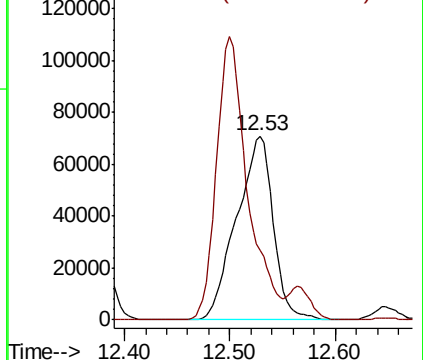
75 100

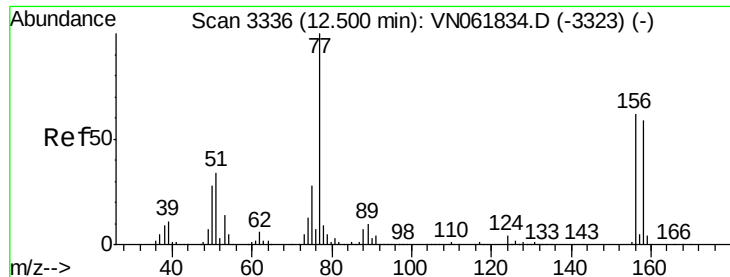
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN061887.D (-3252) (-)

Ion 77.00 (76.70 to 77.70): VN061887.D (-3252) (-)





#77

Bromobenzene

Concen: 53.128 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN061887.D

Acq: 18 Jun 2020 7:29

Instrument :

MSVOA_N

ClientSampleId :

RE117D1-20200611MSD

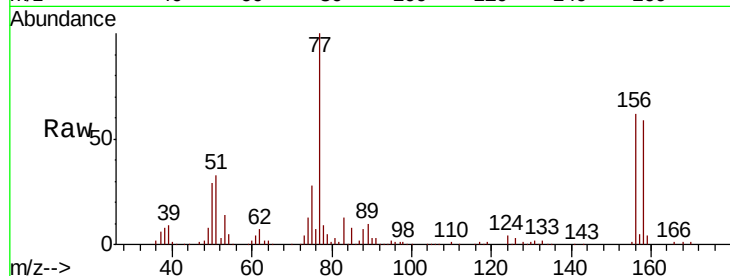
Tot Ion:156 Resp: 115297

Ion Ratio Lower Upper

156 100

77 194.1 100.7 302.1

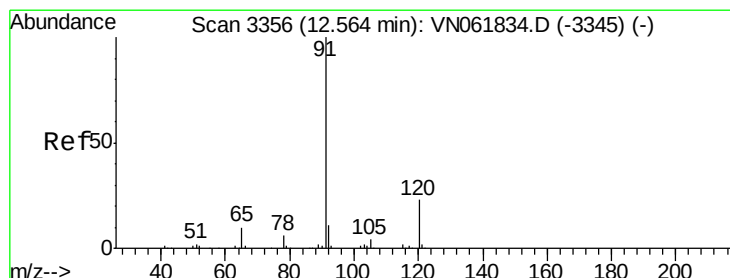
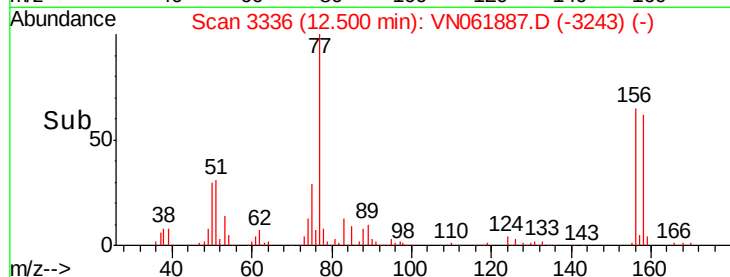
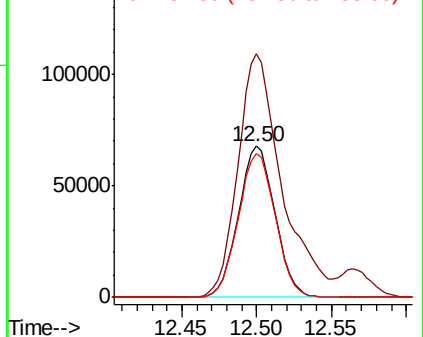
158 96.6 48.5 145.5



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.672 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN061887.D

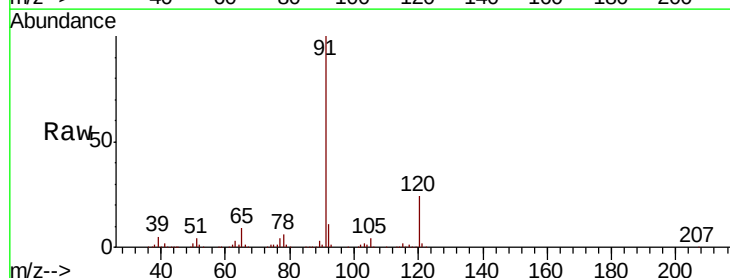
Acq: 18 Jun 2020 7:29

Tgt Ion: 91 Resp: 516990

Ion Ratio Lower Upper

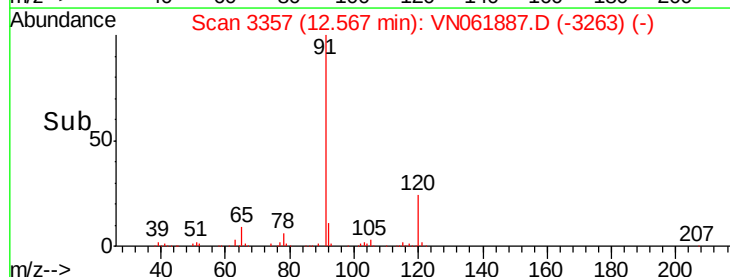
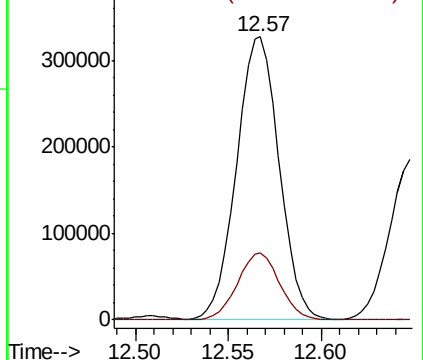
91 100

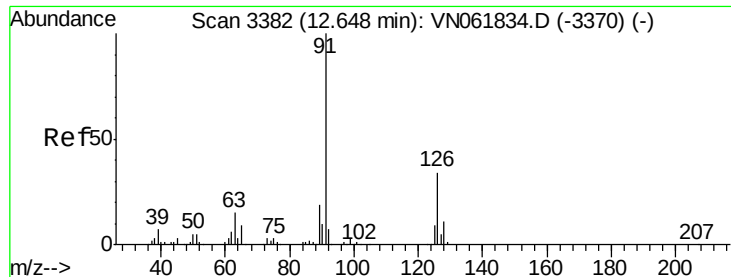
120 23.6 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

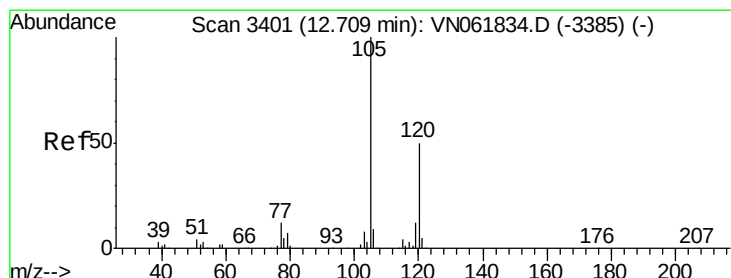
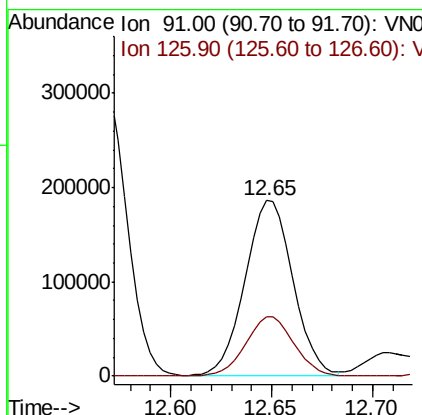
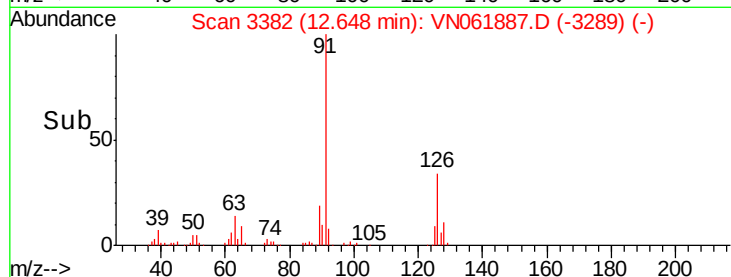
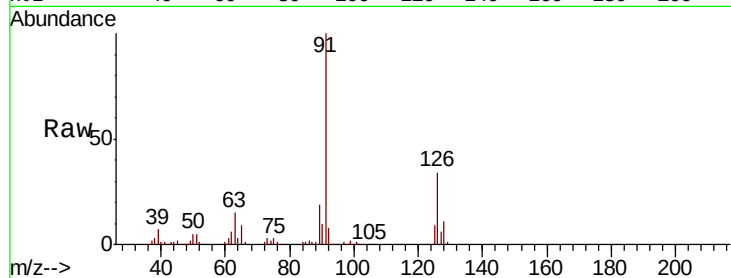




#79
2-Chlorotoluene
Concen: 52.308 ug/l
RT: 12.65 min Scan# 3382
Delta R.T. -0.00 min
Lab File: VN061887.D
Acq: 18 Jun 2020 7:29

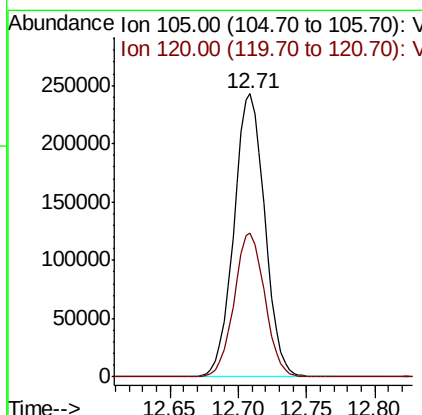
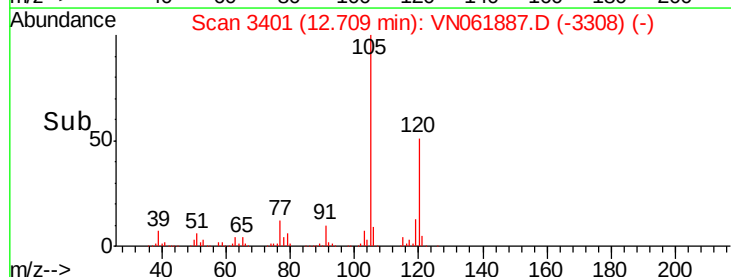
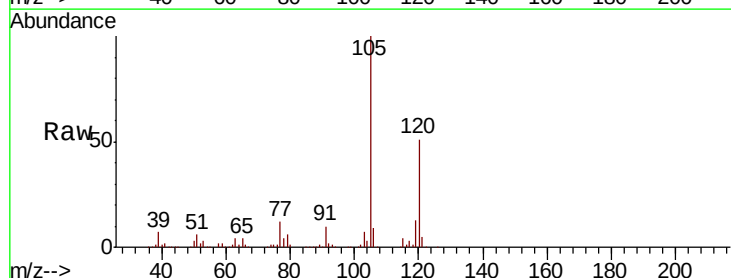
Instrument :
MSVOA_N
ClientSampleId :
RE117D1-20200611MSD

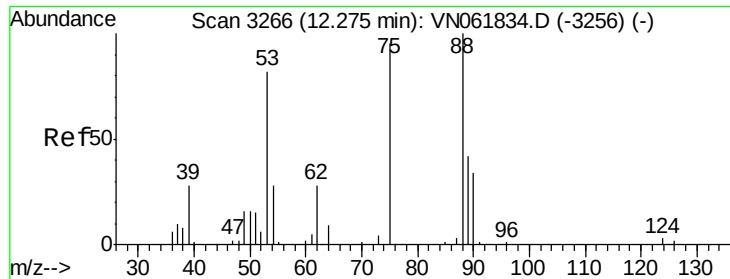
Tot Ion: 91 Resp: 308355
Ion Ratio Lower Upper
91 100
126 34.3 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 53.567 ug/l
RT: 12.71 min Scan# 3401
Delta R.T. -0.00 min
Lab File: VN061887.D
Acq: 18 Jun 2020 7:29

Tgt Ion: 105 Resp: 381215
Ion Ratio Lower Upper
105 100
120 50.4 24.9 74.7





#81

trans-1,4-Dichloro-2-butene

Concen: 47.508 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN061887.D

Acq: 18 Jun 2020 7:29

Instrument :

MSVOA_N

ClientSampleId :

RE117D1-20200611MSD

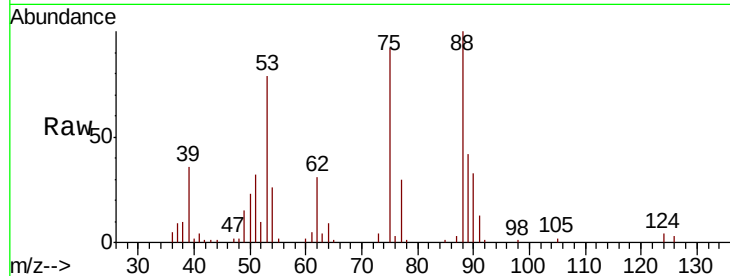
Tot Ion: 75 Resp: 41396

Ion Ratio Lower Upper

75 100

53 86.8 70.4 105.6

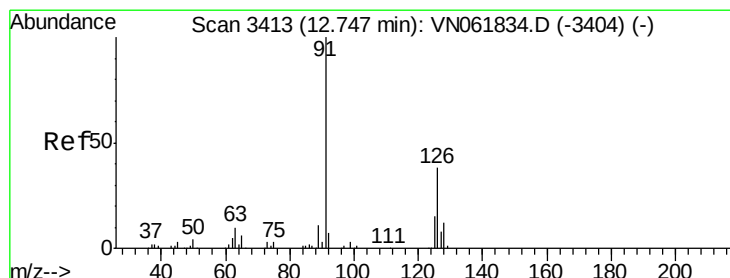
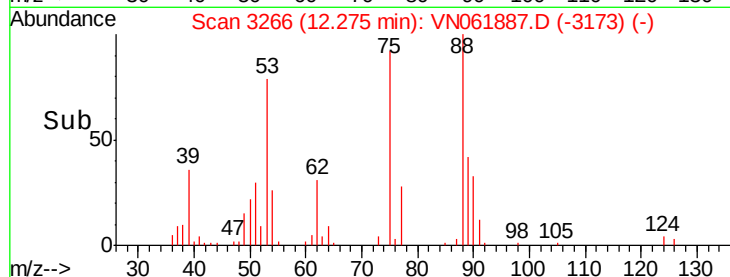
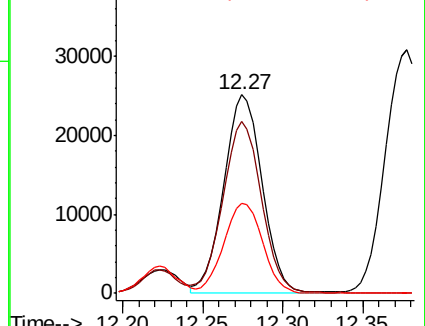
89 45.4 36.0 54.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 53.177 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN061887.D

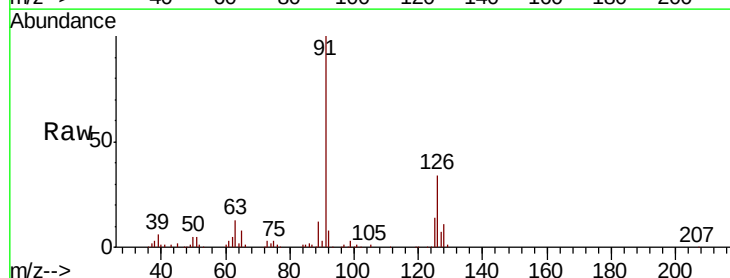
Acq: 18 Jun 2020 7:29

Tgt Ion: 91 Resp: 323922

Ion Ratio Lower Upper

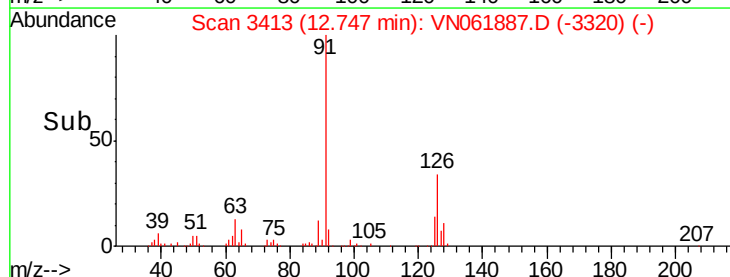
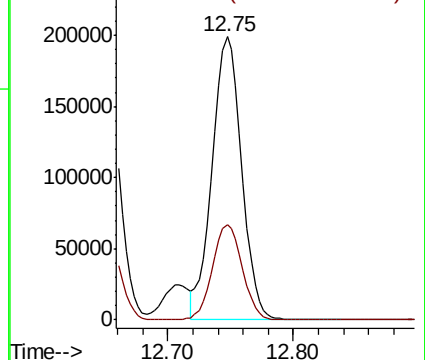
91 100

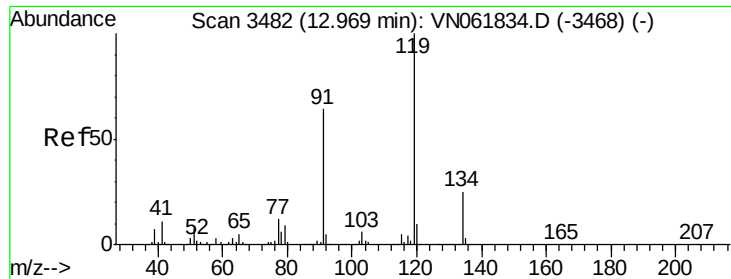
126 34.0 17.2 51.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

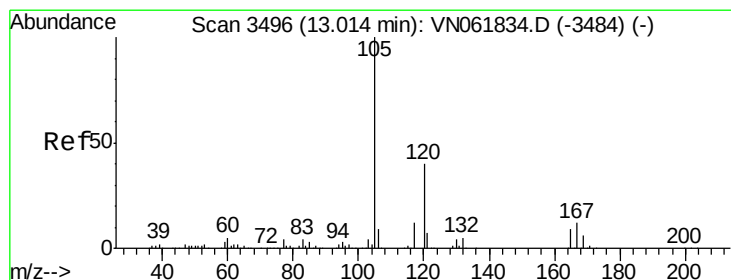
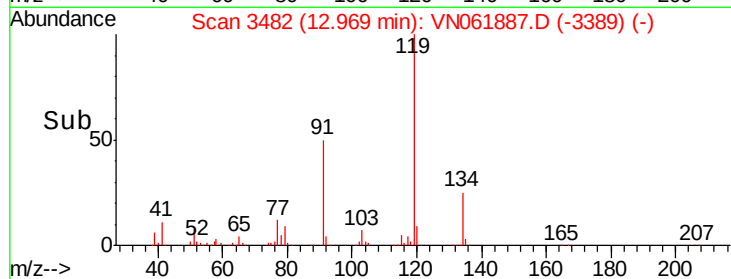
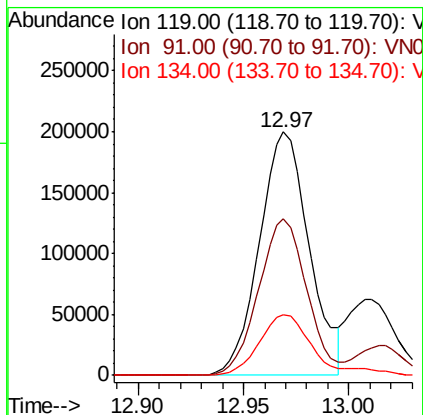
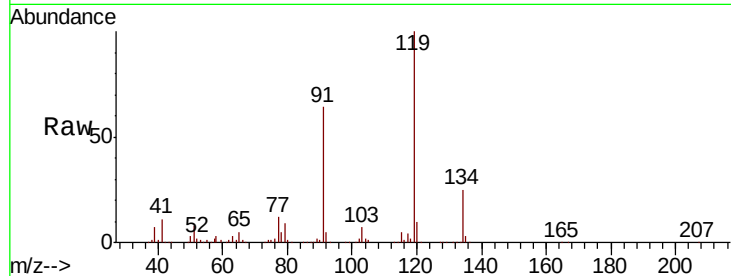




#83
 tert-Butylbenzene
 Concen: 54.541 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN061887.D
 Acq: 18 Jun 2020 7:29

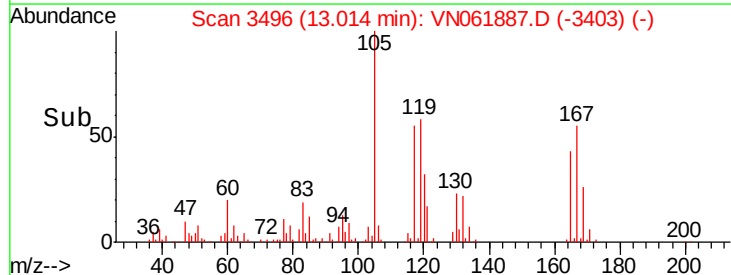
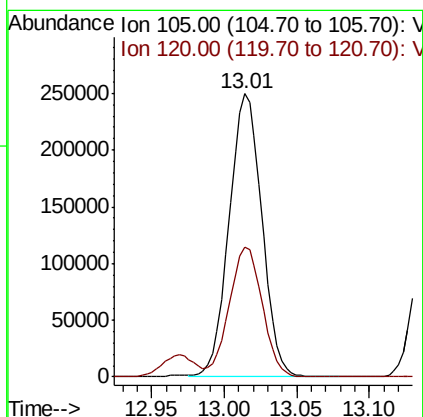
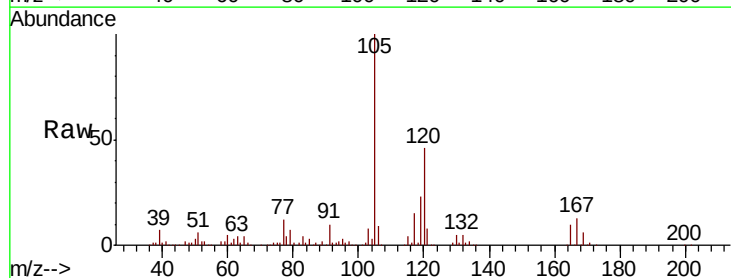
Instrument :
 MSVOA_N
 ClientSampleId :
 RE117D1-20200611MSD

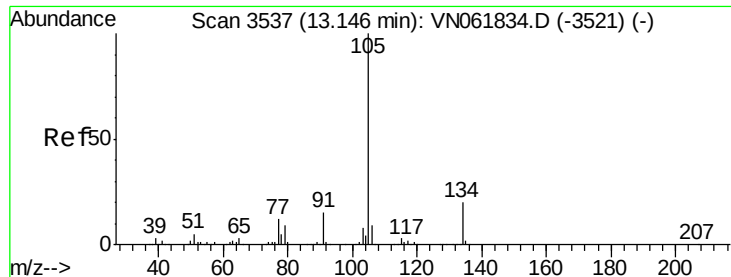
Tot Ion:119 Resp: 329063
 Ion Ratio Lower Upper
 119 100
 91 62.5 31.5 94.5
 134 27.1 13.3 39.9



#84
 1,2,4-Trimethylbenzene
 Concen: 55.548 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN061887.D
 Acq: 18 Jun 2020 7:29

Tgt Ion:105 Resp: 390229
 Ion Ratio Lower Upper
 105 100
 120 46.6 23.3 69.9





#85

sec-Butylbenzene

Concen: 53.764 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN061887.D

Acq: 18 Jun 2020 7:29

Instrument :

MSVOA_N

ClientSampleId :

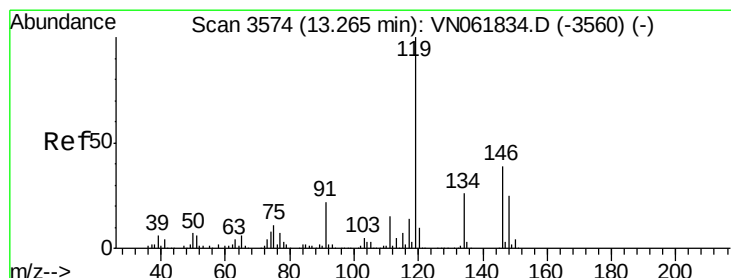
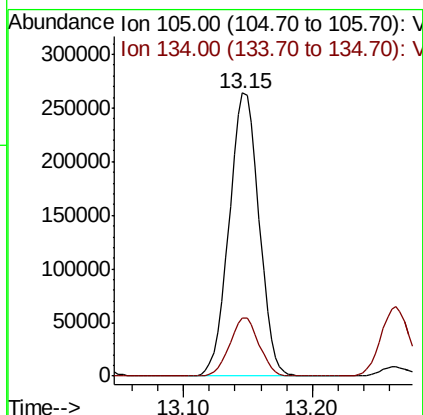
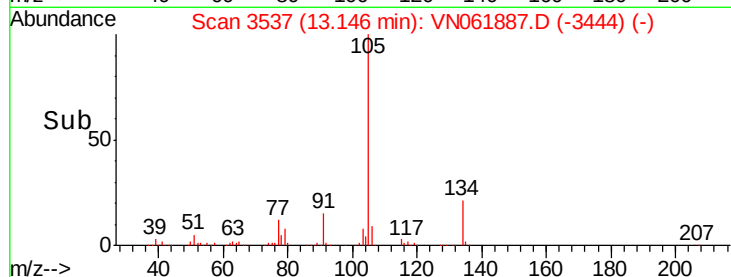
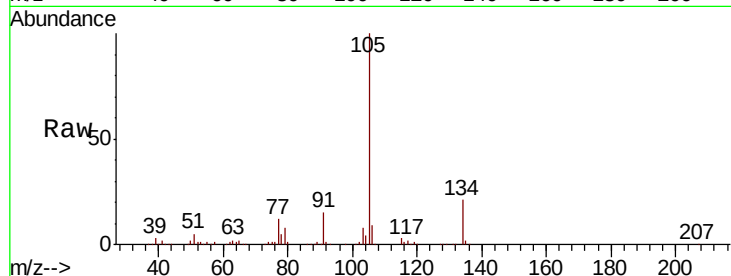
RE117D1-20200611MSD

Tot Ion:105 Resp: 424568

Ion Ratio Lower Upper

105 100

134 20.2 10.1 30.1



#86

p-Isopropyltoluene

Concen: 54.829 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN061887.D

Acq: 18 Jun 2020 7:29

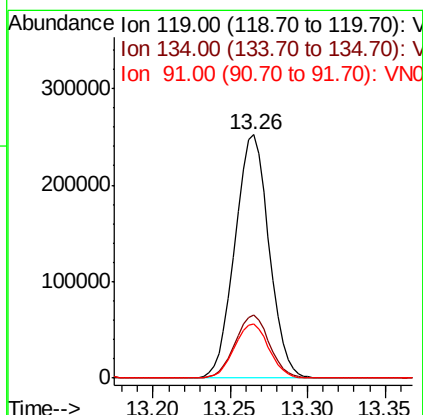
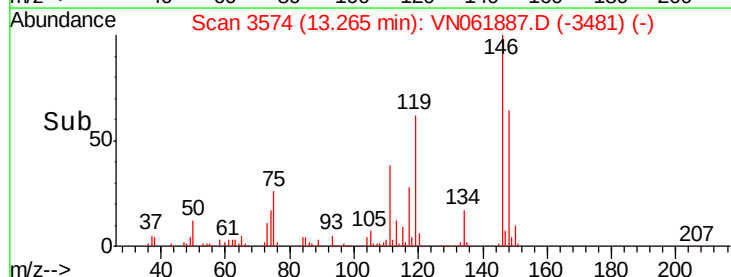
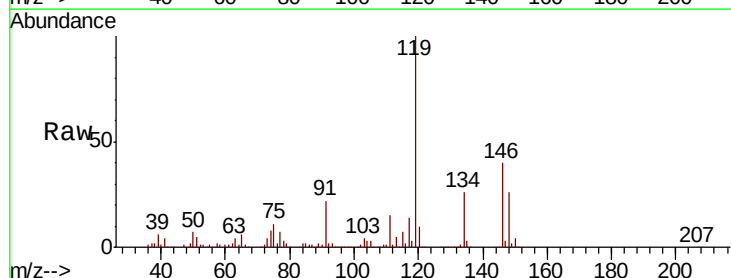
Tgt Ion:119 Resp: 385816

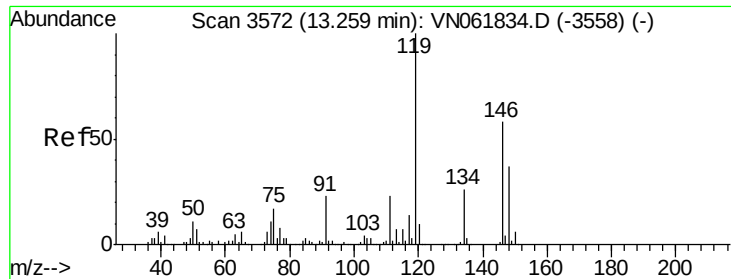
Ion Ratio Lower Upper

119 100

134 26.0 13.3 39.9

91 22.6 11.2 33.6





#87

1,3-Dichlorobenzene

Concen: 52.040 ug/l

RT: 13.26 min Scan# 3572

Delta R.T. -0.00 min

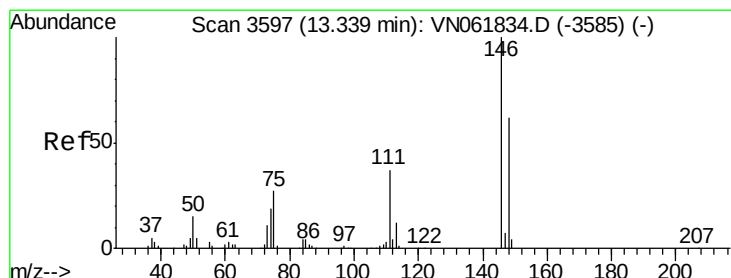
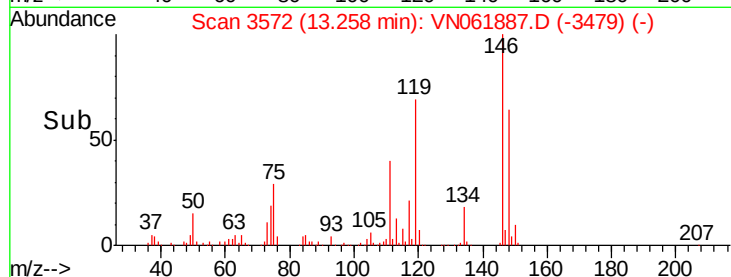
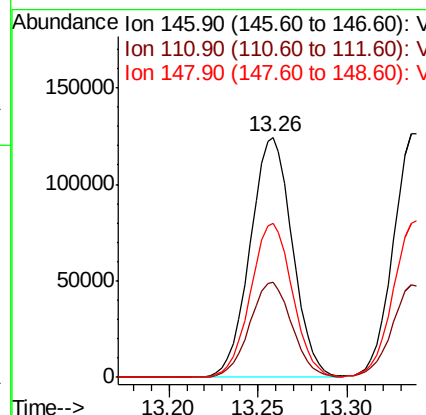
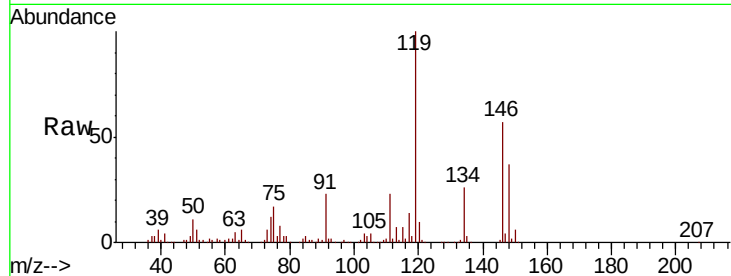
Lab File: VN061887.D

Acq: 18 Jun 2020 7:29

Instrument :
MSVOA_N
ClientSampleId :
RE117D1-20200611MSD

Tot Ion:146 Resp: 205979

Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.6	58.8
148	63.9	31.8	95.4



#88

1,4-Dichlorobenzene

Concen: 51.052 ug/l

RT: 13.34 min Scan# 3596

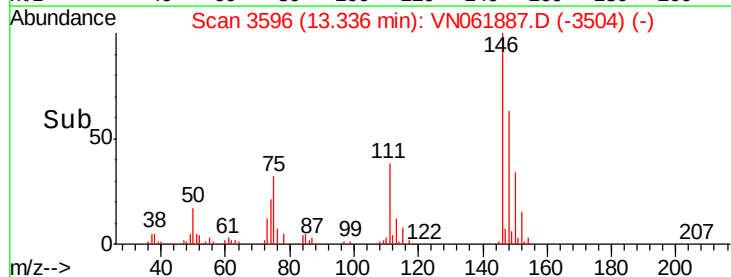
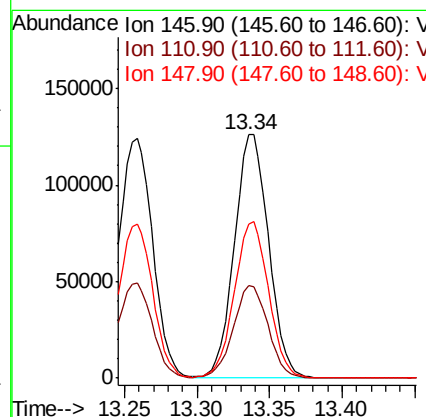
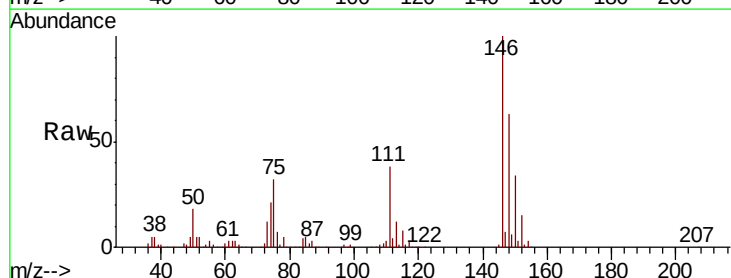
Delta R.T. -0.00 min

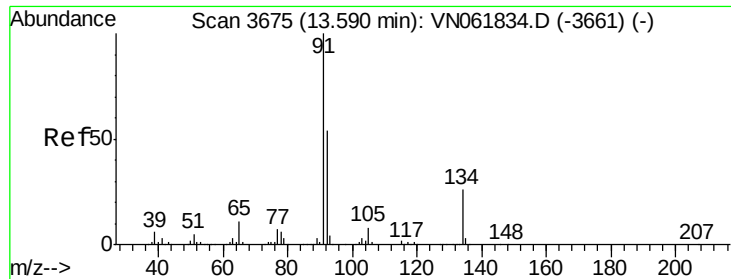
Lab File: VN061887.D

Acq: 18 Jun 2020 7:29

Tgt Ion:146 Resp: 206842

Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.3	57.8
148	63.9	31.6	94.7

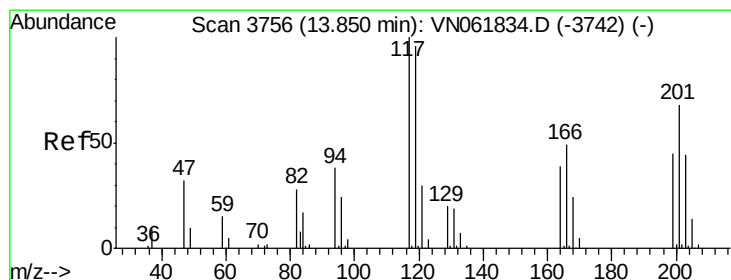
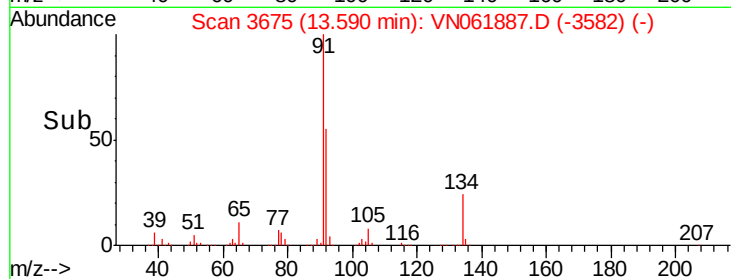
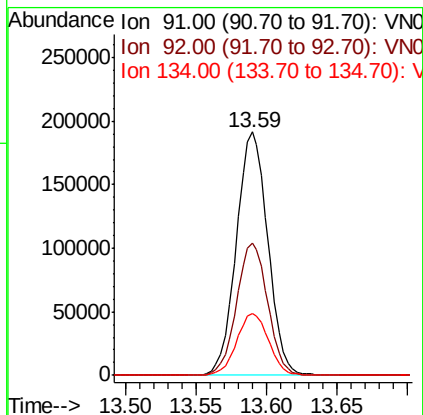
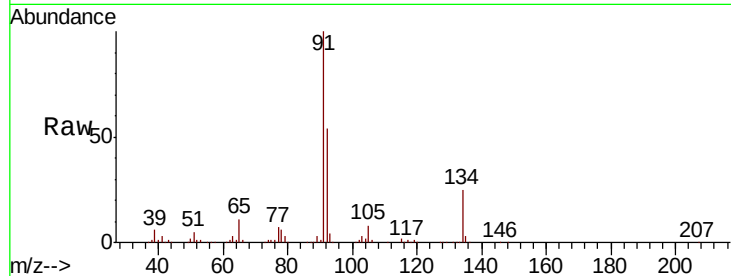




#89
n-Butylbenzene
Concen: 50.959 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN061887.D
Acq: 18 Jun 2020 7:29

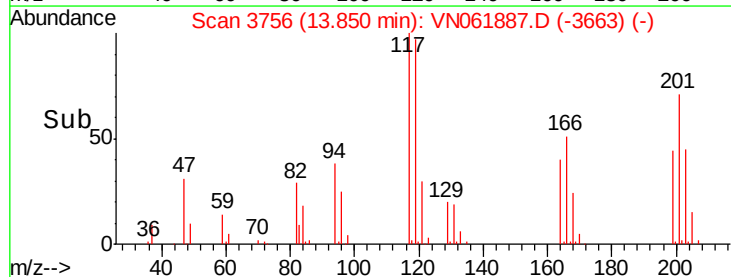
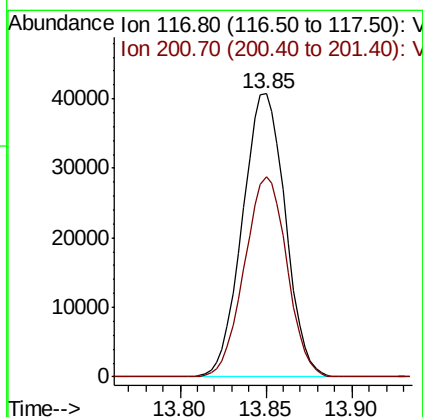
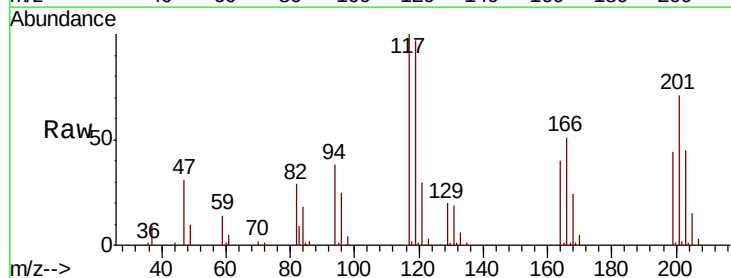
Instrument :
MSVOA_N
ClientSampleId :
RE117D1-20200611MSD

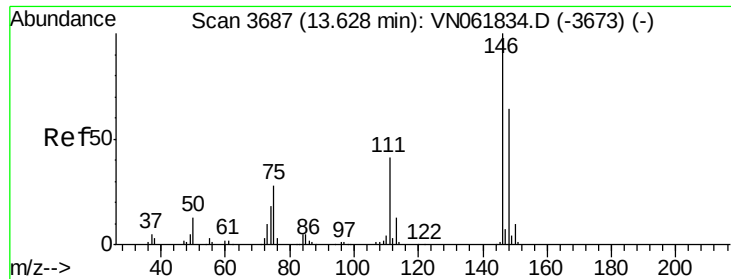
Tot Ion: 91 Resp: 299469
Ion Ratio Lower Upper
91 100
92 53.8 27.0 80.8
134 25.9 13.0 39.0



#90
Hexachloroethane
Concen: 54.755 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN061887.D
Acq: 18 Jun 2020 7:29

Tgt Ion: 117 Resp: 70529
Ion Ratio Lower Upper
117 100
201 70.0 34.6 103.8

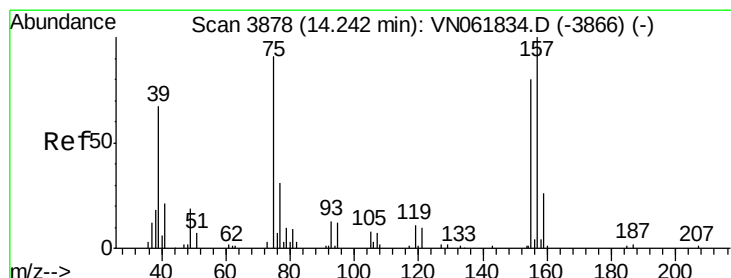
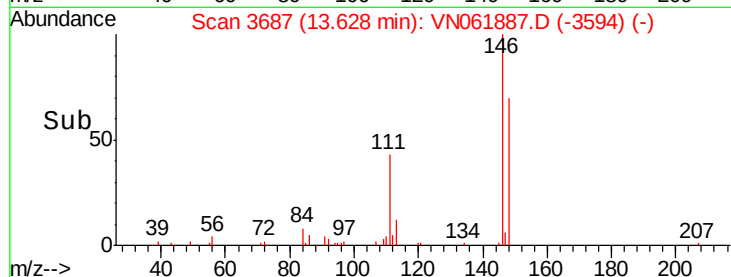
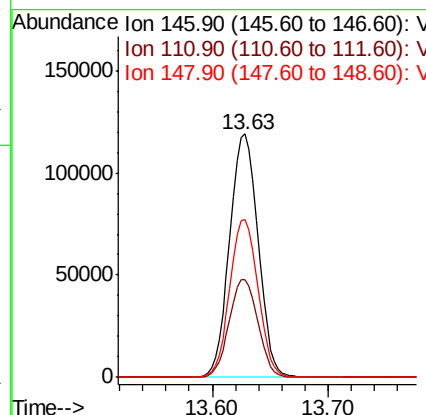
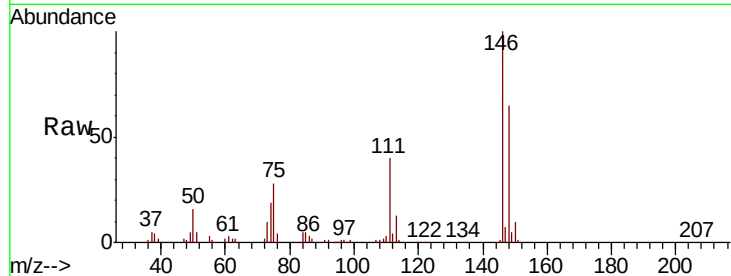




#91
 1,2-Dichlorobenzene
 Concen: 53.097 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN061887.D
 Acq: 18 Jun 2020 7:29

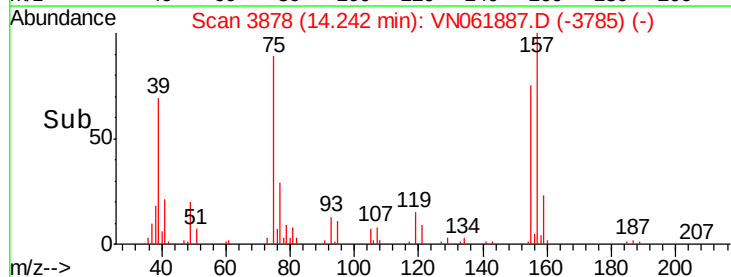
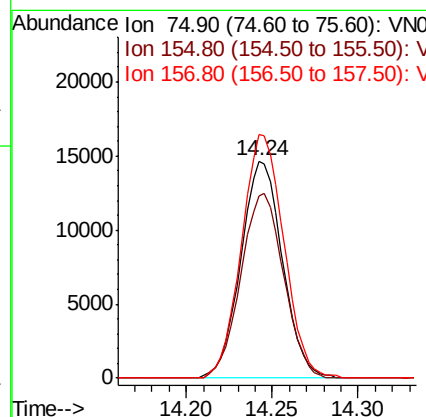
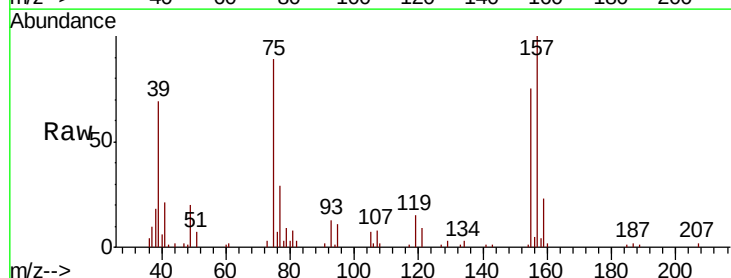
Instrument :
 MSVOA_N
 ClientSampleId :
 RE117D1-20200611MSD

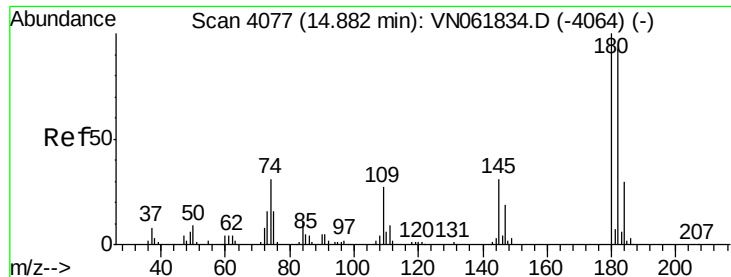
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.4	61.2
148	64.4	31.8	95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.278 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. -0.00 min
 Lab File: VN061887.D
 Acq: 18 Jun 2020 7:29

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.5	44.4	133.2
157	114.1	57.0	171.2

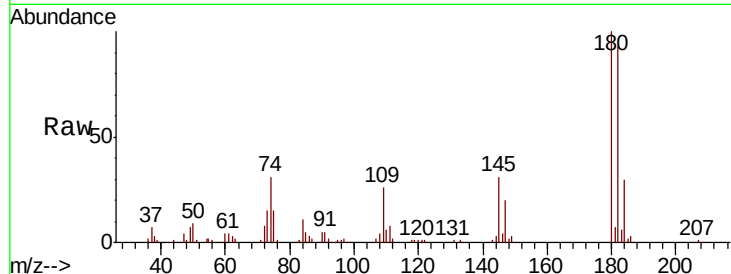




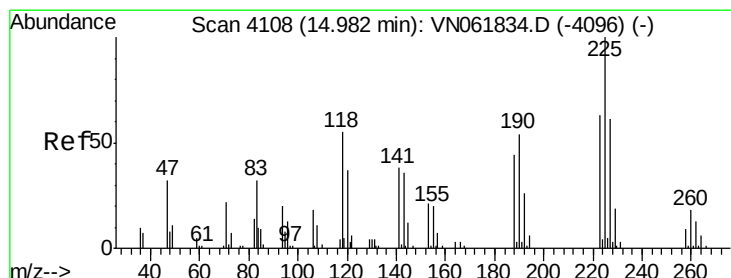
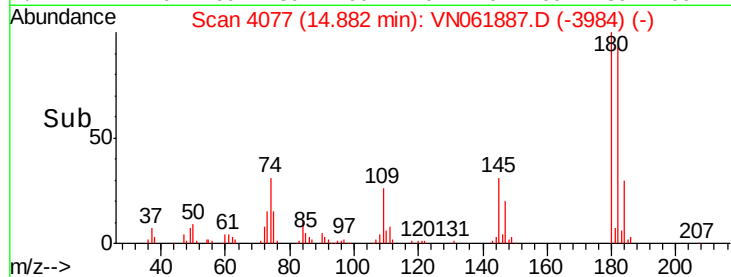
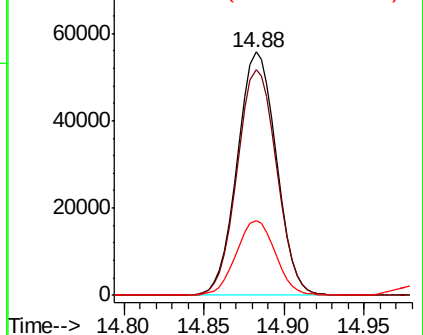
#93
 1,2,4-Trichlorobenzene
 Concen: 51.538 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN061887.D
 Acq: 18 Jun 2020 7:29

Instrument :
 MSVOA_N
 ClientSampleId :
 RE117D1-20200611MSD

Tot Ion:180 Resp: 92669
 Ion Ratio Lower Upper
 180 100
 182 94.1 47.0 141.2
 145 30.7 15.8 47.3

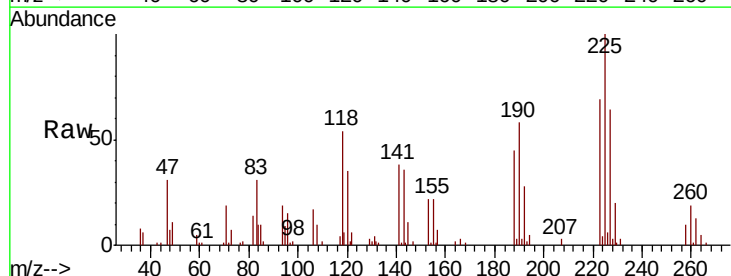


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

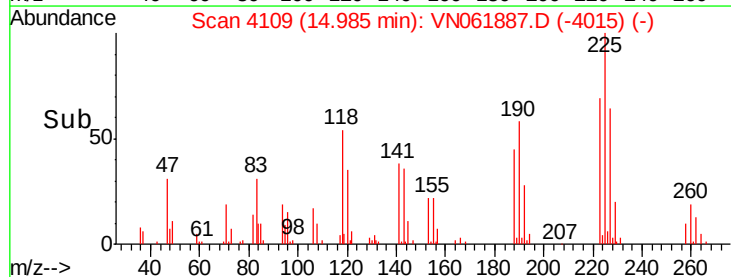
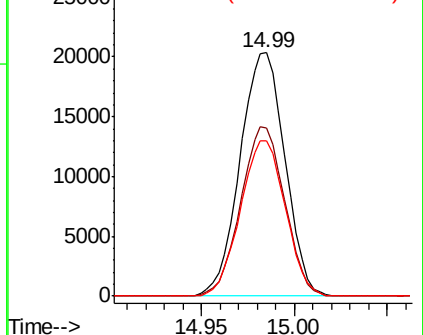


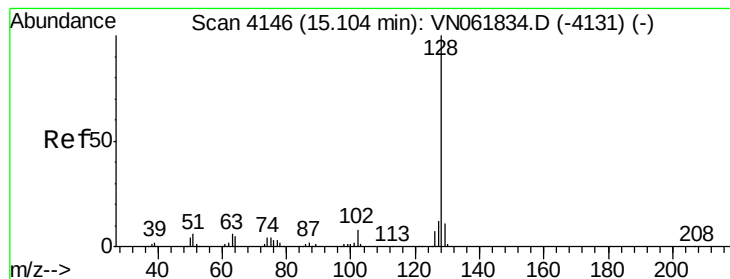
#94
 Hexachlorobutadiene
 Concen: 48.208 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN061887.D
 Acq: 18 Jun 2020 7:29

Tgt Ion:225 Resp: 34140
 Ion Ratio Lower Upper
 225 100
 223 68.2 31.7 95.1
 227 63.7 30.1 90.3



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 47.515 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN061887.D

Acq: 18 Jun 2020 7:29

Instrument :

MSVOA_N

ClientSampleId :

RE117D1-20200611MSD

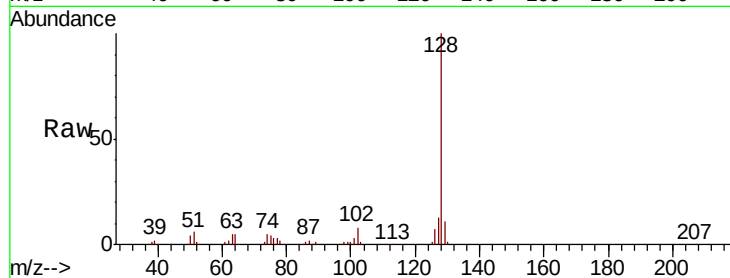
Tot Ion:128 Resp: 284986

Ion Ratio Lower Upper

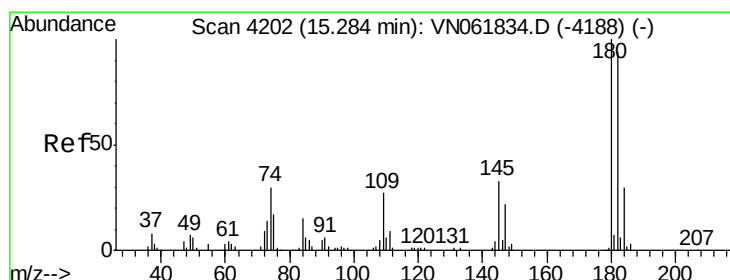
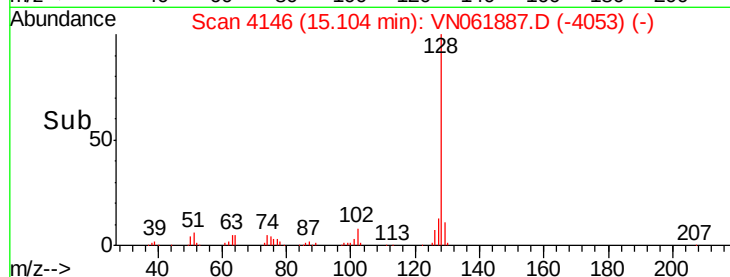
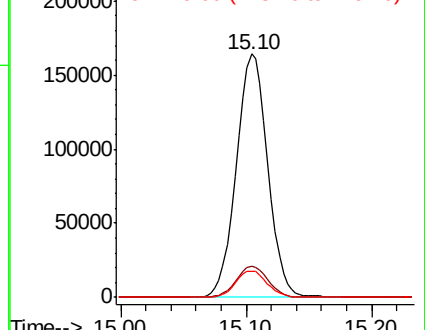
128 100

127 12.8 10.3 15.5

129 10.9 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 53.413 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. -0.00 min

Lab File: VN061887.D

Acq: 18 Jun 2020 7:29

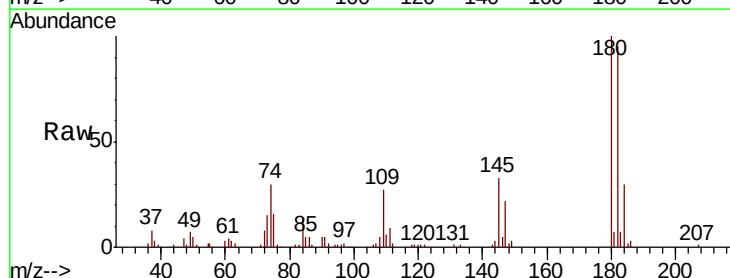
Tgt Ion:180 Resp: 95115

Ion Ratio Lower Upper

180 100

182 94.7 47.9 143.6

145 33.2 16.5 49.5



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

