

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061620\
 Data File : VN061834.D
 Acq On : 16 Jun 2020 18:37
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Quant Time: Jun 17 00:54:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 00:50:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	160361	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	277790	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	260468	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	128879	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	102594	52.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.96%	
35) Dibromofluoromethane	7.55	113	86089	58.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.42%	
50) Toluene-d8	10.06	98	335782	51.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.52%	
62) 4-Bromofluorobenzene	12.38	95	116452	49.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.06%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.83	85	106701	61.689	ug/l	100
3) Chloromethane	2.03	50	115814	57.512	ug/l	100
4) Vinyl Chloride	2.16	62	140639	52.118	ug/l	100
5) Bromomethane	2.53	94	98853	61.028	ug/l	100
6) Chloroethane	2.67	64	92746	52.923	ug/l	100
7) Trichlorofluoromethane	2.98	101	164738	47.966	ug/l	100
8) Diethyl Ether	3.37	74	55091	51.268	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	81812	52.376	ug/l	100
10) Methyl Iodide	3.91	142	94482	45.294	ug/l	100
11) Tert butyl alcohol	4.73	59	72376	275.894	ug/l	100
12) 1,1-Dichloroethene	3.70	96	82987	50.005	ug/l	100
13) Acrolein	3.57	56	41925	359.835	ug/l	100
14) Allyl chloride	4.27	41	110609	50.991	ug/l	100
15) Acrylonitrile	4.93	53	190185	264.772	ug/l	100
16) Acetone	3.77	43	146435	213.703	ug/l	100
17) Carbon Disulfide	4.01	76	244228	63.386	ug/l	100
18) Methyl Acetate	4.27	43	90030	51.386	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	275793	49.113	ug/l	100
20) Methylene Chloride	4.50	84	97171	40.878	ug/l	100
21) trans-1,2-Dichloroethene	4.99	96	94740	50.472	ug/l	100
22) Diisopropyl ether	5.90	45	245365	51.464	ug/l	100
23) Vinyl Acetate	5.84	43	991809	261.393	ug/l	100
24) 1,1-Dichloroethane	5.80	63	159754	52.484	ug/l	100
25) 2-Butanone	6.78	43	233660	255.270	ug/l	100
26) 2,2-Dichloropropane	6.77	77	132437	48.005	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	108181	51.231	ug/l	100
28) Bromochloromethane	7.15	49	67960	51.103	ug/l	100
29) Tetrahydrofuran	7.17	42	153981	255.678	ug/l	100
30) Chloroform	7.33	83	170085	50.881	ug/l	100
31) Cyclohexane	7.61	56	135907	50.048	ug/l	100
32) 1,1,1-Trichloroethane	7.53	97	146393	48.509	ug/l	100
36) 1,1-Dichloropropene	7.75	75	128884	51.824	ug/l	100
37) Ethyl Acetate	6.88	43	101734	51.317	ug/l	100
38) Carbon Tetrachloride	7.73	117	126322	52.743	ug/l	100

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.05	83	144585	47.962	ug/l	100
40) Benzene	8.00	78	385491	50.366	ug/l	100
41) Methacrylonitrile	7.17	41	141683	156.041	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	131853	51.246	ug/l	100
43) Isopropyl Acetate	8.12	43	171498	48.225	ug/l	100
44) Trichloroethene	8.80	130	100399	44.029	ug/l	100
45) 1,2-Dichloropropane	9.09	63	96206	52.596	ug/l	100
46) Dibromomethane	9.18	93	67856	48.971	ug/l	100
47) Bromodichloromethane	9.37	83	137413	50.049	ug/l	100
48) Methyl methacrylate	9.17	41	76625	47.716	ug/l	100
49) 1,4-Dioxane	9.17	88	35584	1318.084	ug/l	100
51) 4-Methyl-2-Pentanone	9.95	43	507478	252.219	ug/l	100
52) Toluene	10.12	92	252118	50.641	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	147941	50.063	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	160741	50.375	ug/l	100
55) 1,1,2-Trichloroethane	10.53	97	97256	49.137	ug/l	100
56) Ethyl methacrylate	10.40	69	135951	49.557	ug/l	100
57) 1,3-Dichloropropane	10.68	76	163470	51.309	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	256737	222.584	ug/l	100
59) 2-Hexanone	10.72	43	365788	253.117	ug/l	100
60) Dibromochloromethane	10.87	129	107919	48.487	ug/l	100
61) 1,2-Dibromoethane	10.98	107	101129	49.199	ug/l	100
64) Tetrachloroethene	10.60	164	83639	35.888	ug/l	100
65) Chlorobenzene	11.41	112	267928	49.320	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	97802	48.643	ug/l	100
67) Ethyl Benzene	11.48	91	474810	50.468	ug/l	100
68) m/p-Xylenes	11.59	106	369911	99.511	ug/l	100
69) o-Xylene	11.92	106	178408	50.468	ug/l	100
70) Styrene	11.94	104	304204	51.909	ug/l	100
71) Bromoform	12.10	173	72935	47.601	ug/l #	100
73) Isopropylbenzene	12.22	105	466265	49.236	ug/l	100
74) N-amyl acetate	12.05	43	153193	51.314	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	140738	52.226	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	175463	73.982	ug/l #	100
77) Bromobenzene	12.50	156	113474	47.386	ug/l	100
78) n-propylbenzene	12.56	91	528810	49.912	ug/l	100
79) 2-Chlorotoluene	12.65	91	310622	49.187	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	391374	49.520	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	45811	49.729	ug/l	100
82) 4-Chlorotoluene	12.75	91	325510	49.069	ug/l	100
83) tert-Butylbenzene	12.97	119	329188	47.370	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	394540	50.251	ug/l	100
85) sec-Butylbenzene	13.15	105	430430	48.046	ug/l	100
86) p-Isopropyltoluene	13.26	119	394868	47.997	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	210713	49.338	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	211192	48.598	ug/l	100
89) n-Butylbenzene	13.59	91	323592	47.099	ug/l	100
90) Hexachloroethane	13.85	117	69619	69.663	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	205779	50.350	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	24762	46.210	ug/l	100

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Wed Jun 17 00:50:55 2020
Response via : Initial Calibration

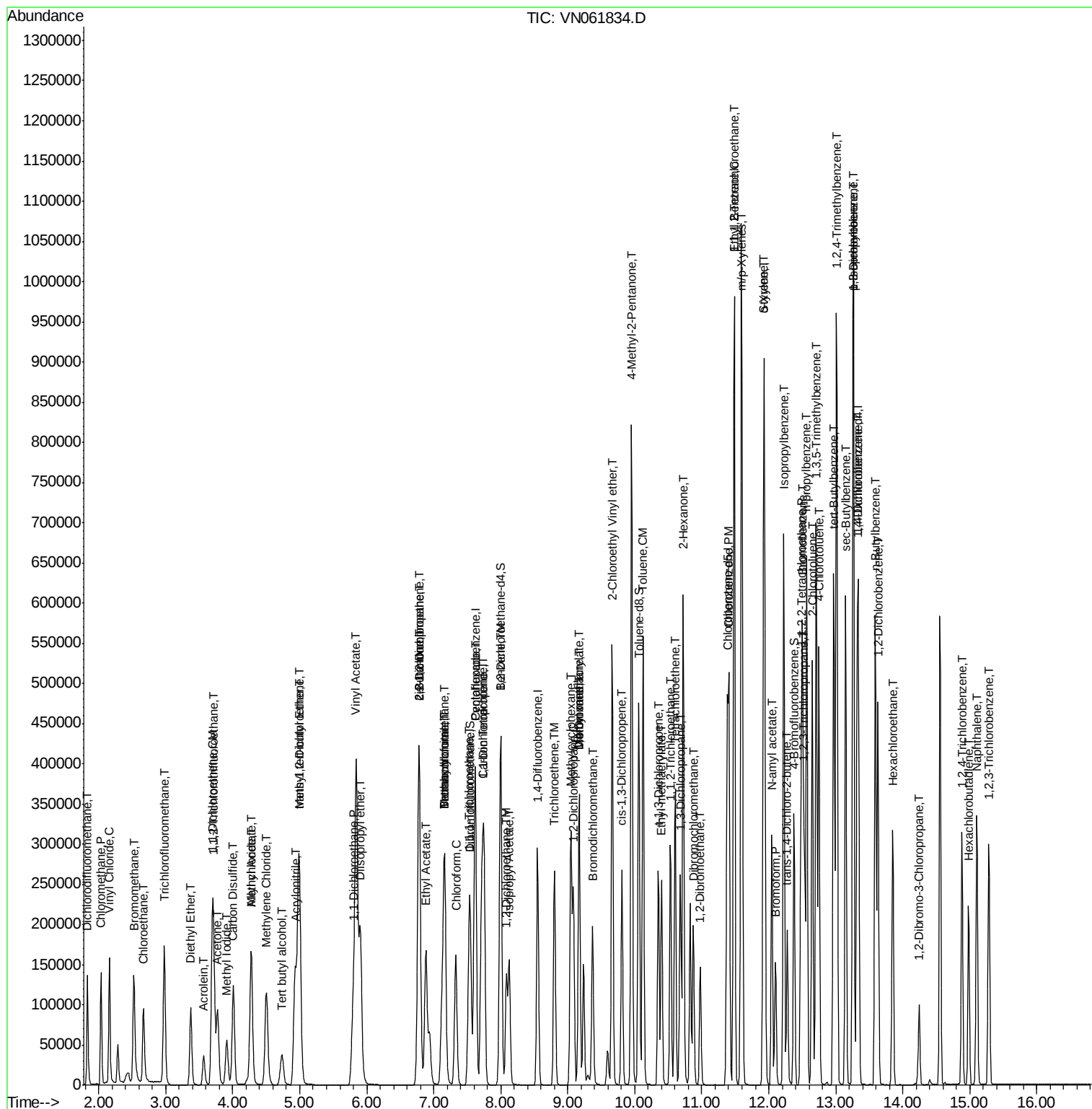
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	99388	42.982	ug/l	100
94) Hexachlorobutadiene	14.98	225	38259	38.906	ug/l	100
95) Naphthalene	15.10	128	291945	41.998	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	98644	43.379	ug/l	100

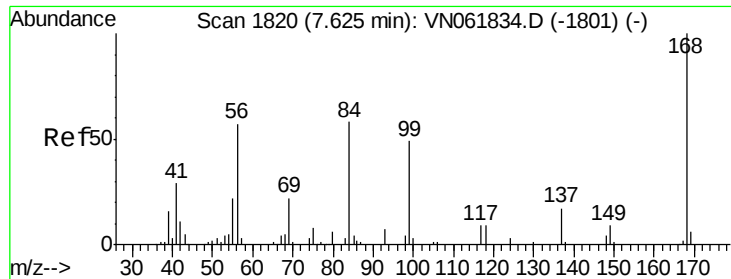
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Quant Title : SW846 8260
QLast Update : Wed Jun 17 00:50:55 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN061834.D

Acq: 16 Jun 2020 18:37

Instrument :

MSVOA_N

ClientSampleId :

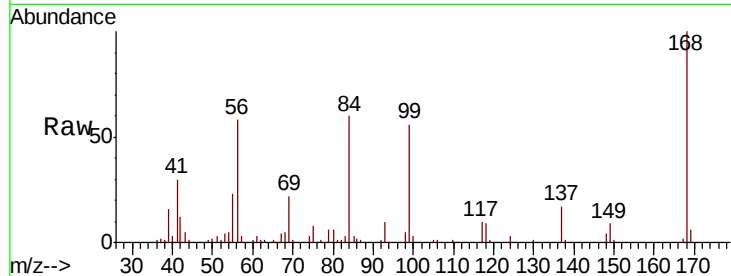
VSTDICCC050

Tot Ion:168 Resp: 160361

Ion Ratio Lower Upper

168 100

99 55.8 44.6 67.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

80000

60000

40000

20000

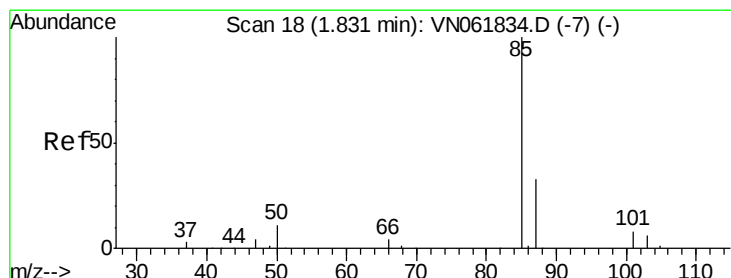
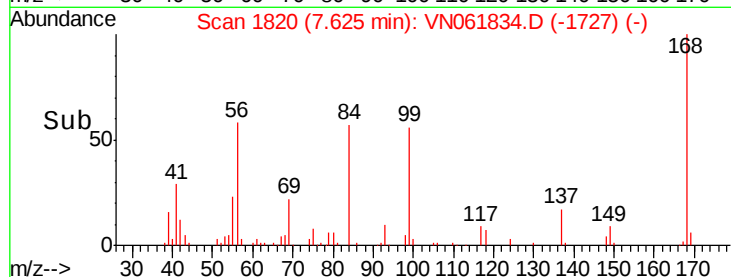
0

7.50

7.60

7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 61.689 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061834.D

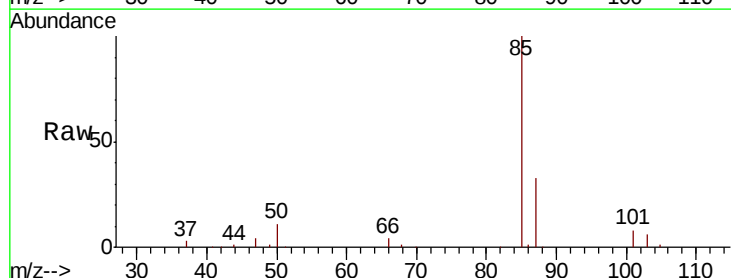
Acq: 16 Jun 2020 18:37

Tgt Ion: 85 Resp: 106701

Ion Ratio Lower Upper

85 100

87 33.2 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

80000

60000

40000

20000

0

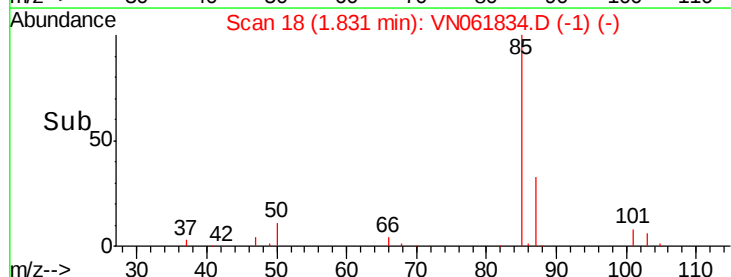
1.75

1.80

1.85

1.90

Time-->

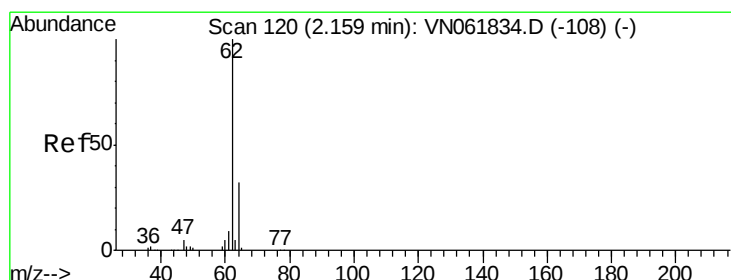
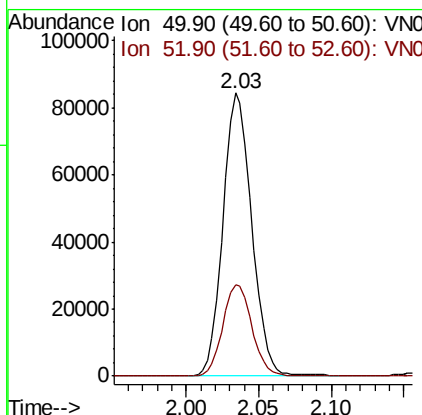
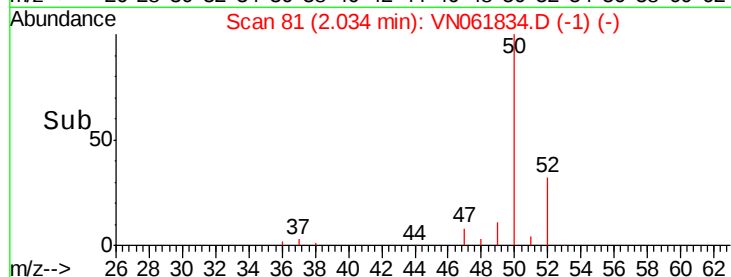
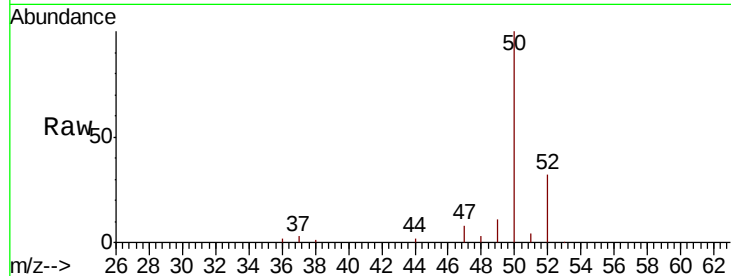




#3
Chloromethane
Concen: 57.512 ug/l
RT: 2.03 min Scan# 81
Delta R.T. 0.00 min
Lab File: VN061834.D
Acq: 16 Jun 2020 18:37

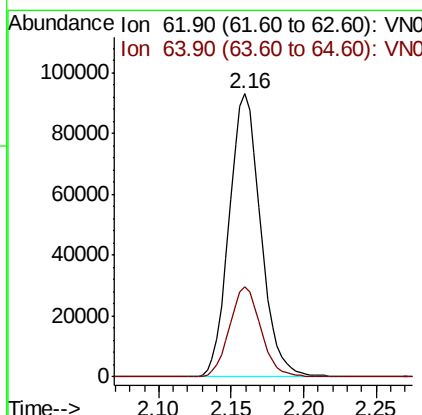
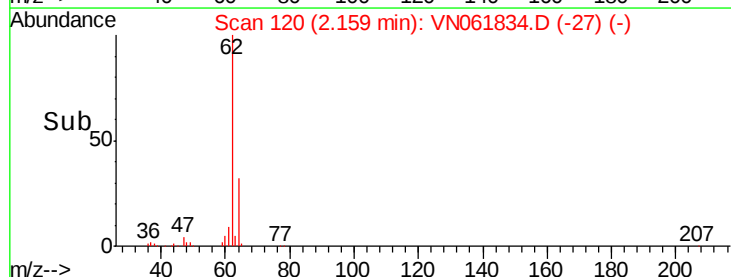
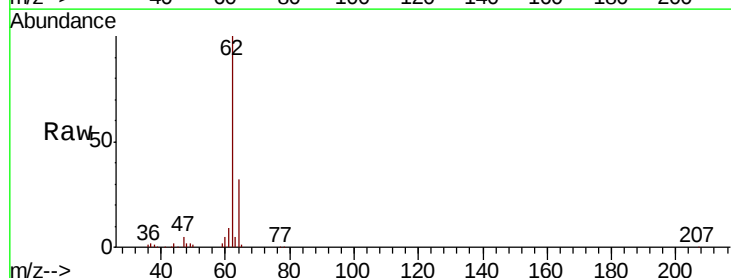
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

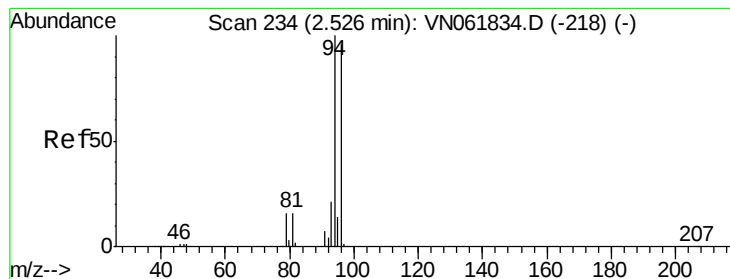
Tot Ion: 50 Resp: 115814
Ion Ratio Lower Upper
50 100
52 32.5 26.0 39.0



#4
Vinyl Chloride
Concen: 52.118 ug/l
RT: 2.16 min Scan# 120
Delta R.T. 0.00 min
Lab File: VN061834.D
Acq: 16 Jun 2020 18:37

Tgt Ion: 62 Resp: 140639
Ion Ratio Lower Upper
62 100
64 31.9 25.5 38.3





#5

Bromomethane

Concen: 61.028 ug/l

RT: 2.53 min Scan# 234

Delta R.T. 0.00 min

Lab File: VN061834.D

Acq: 16 Jun 2020 18:37

Instrument :

MSVOA_N

ClientSampleId :

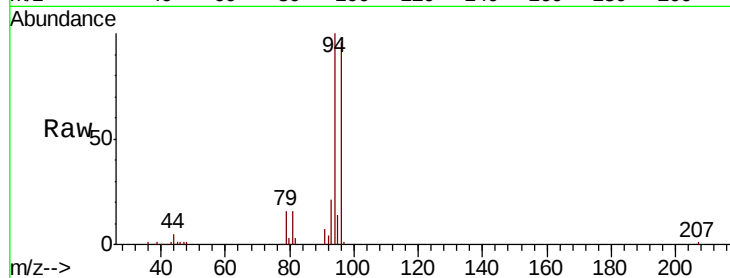
VSTDICCC050

Tot Ion: 94 Resp: 98853

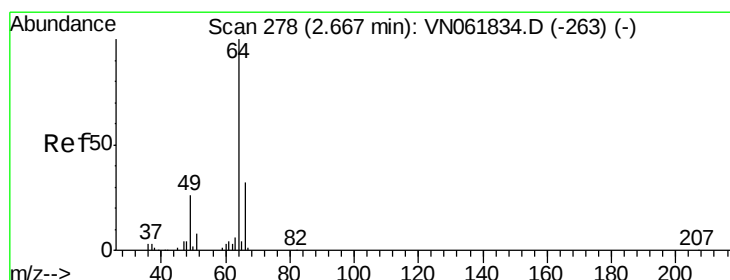
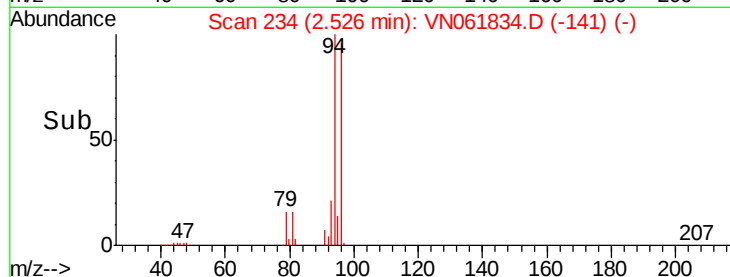
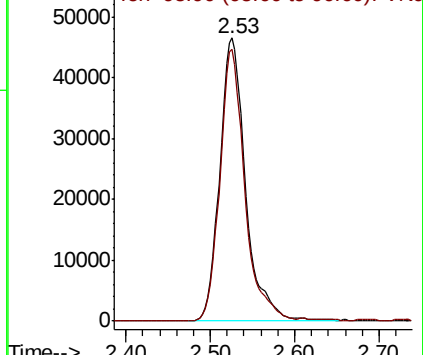
Ion Ratio Lower Upper

94 100

96 95.9 76.7 115.1



Abundance Ion 93.90 (93.60 to 94.60): VNO
Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 52.923 ug/l

RT: 2.67 min Scan# 278

Delta R.T. 0.00 min

Lab File: VN061834.D

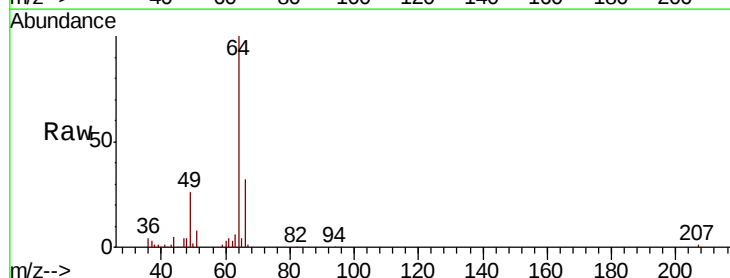
Acq: 16 Jun 2020 18:37

Tgt Ion: 64 Resp: 92746

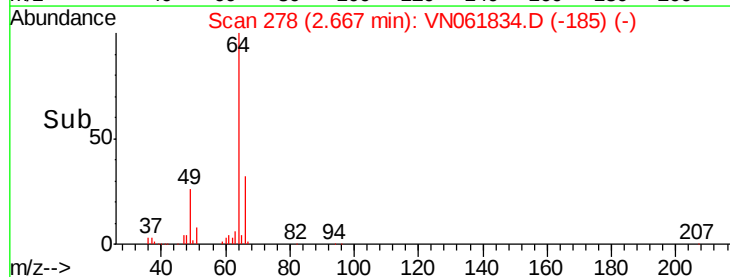
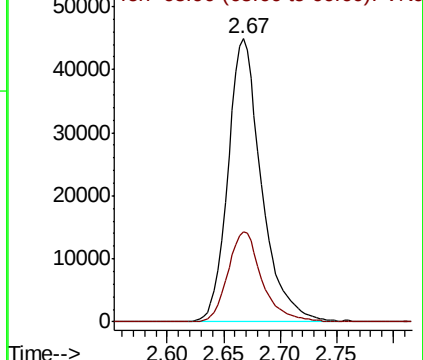
Ion Ratio Lower Upper

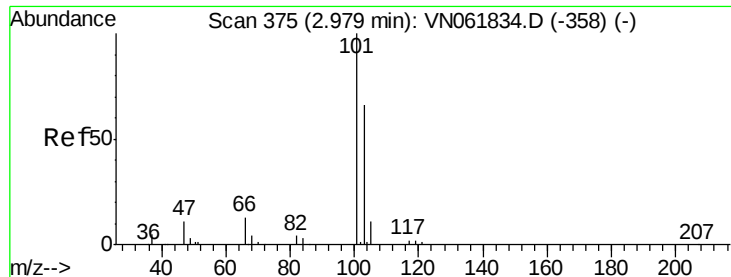
64 100

66 31.8 25.4 38.2



Abundance Ion 63.90 (63.60 to 64.60): VNO
Ion 65.90 (65.60 to 66.60): VNO



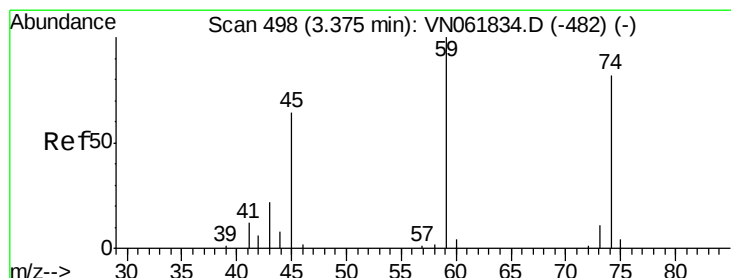
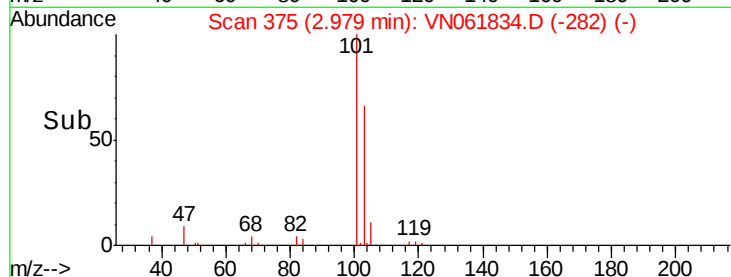
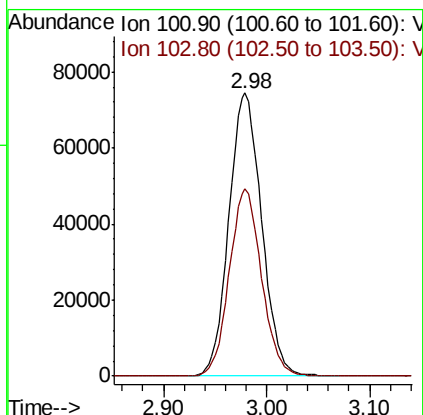
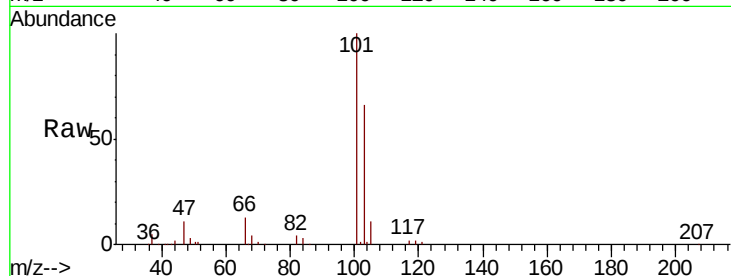


#7

Trichlorofluoromethane
 Concen: 47.966 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. 0.00 min
 Lab File: VN061834.D
 Acq: 16 Jun 2020 18:37

Instrument :
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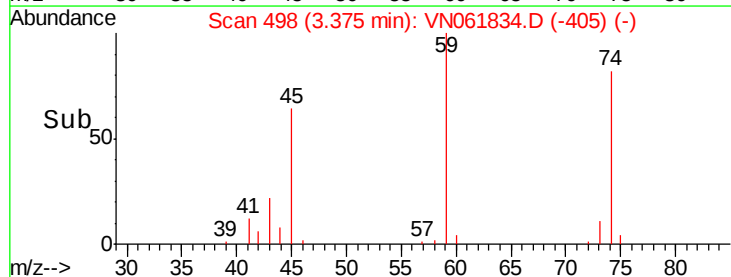
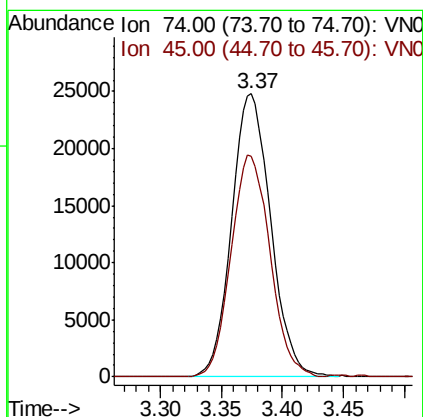
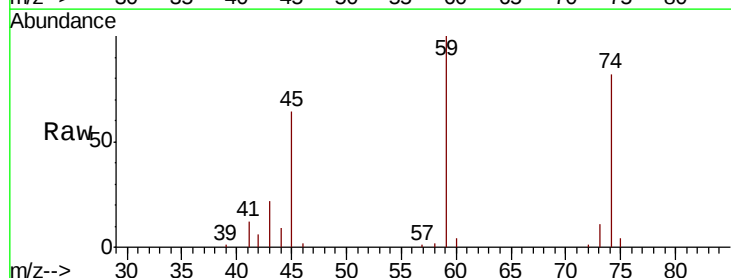
Tot Ion:101 Resp: 164738
 Ion Ratio Lower Upper
 101 100
 103 66.0 52.8 79.2

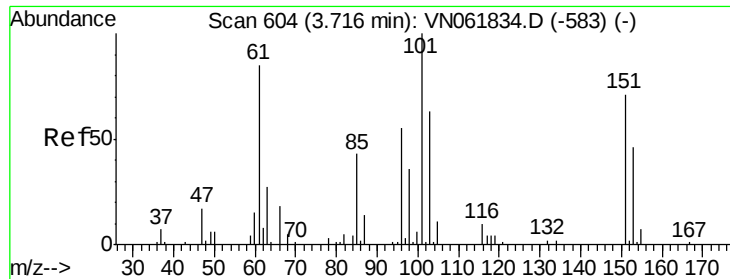


#8

Diethyl Ether
 Concen: 51.268 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: VN061834.D
 Acq: 16 Jun 2020 18:37

Tgt Ion: 74 Resp: 55091
 Ion Ratio Lower Upper
 74 100
 45 78.2 39.1 117.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.376 ug/l

RT: 3.72 min Scan# 604

Delta R.T. 0.00 min

Lab File: VN061834.D

Acq: 16 Jun 2020 18:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

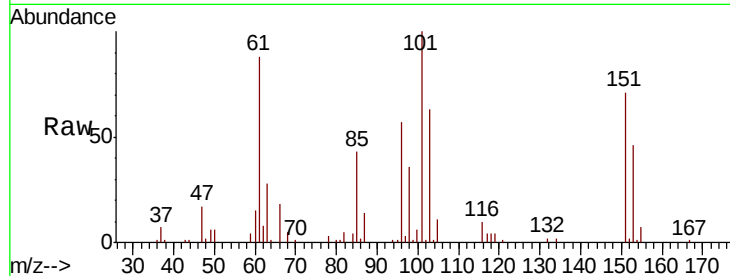
Tot Ion:101 Resp: 81812

Ion Ratio Lower Upper

101 100

85 43.8 35.0 52.6

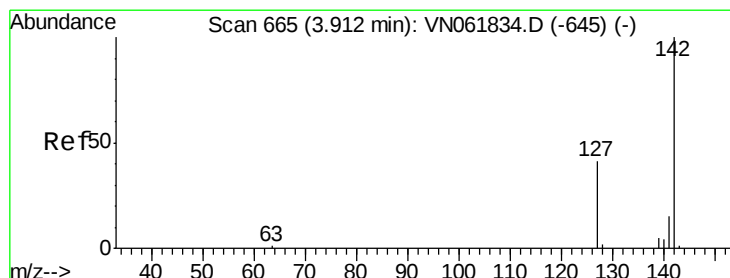
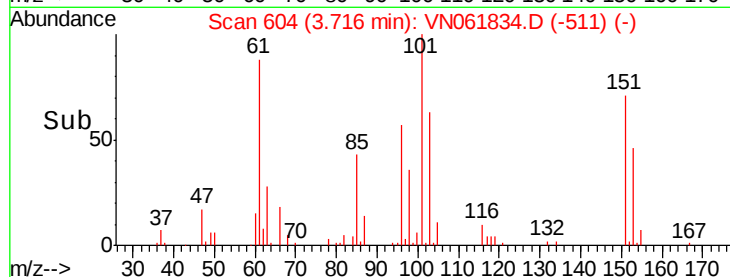
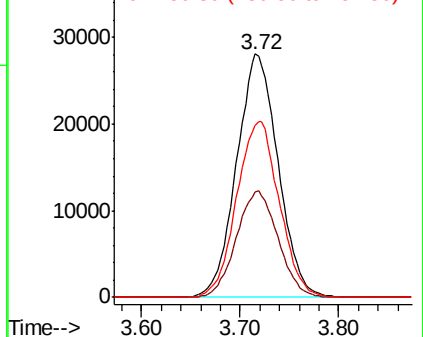
151 74.0 59.2 88.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 45.294 ug/l

RT: 3.91 min Scan# 665

Delta R.T. 0.00 min

Lab File: VN061834.D

Acq: 16 Jun 2020 18:37

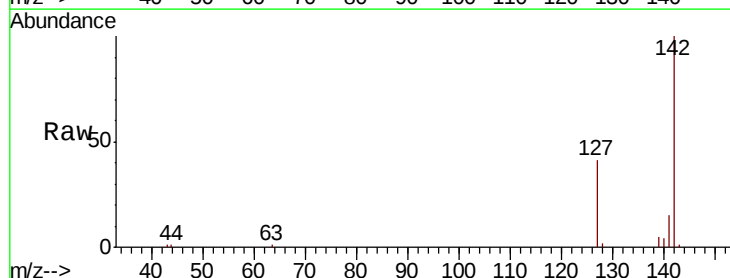
Tgt Ion:142 Resp: 94482

Ion Ratio Lower Upper

142 100

127 41.7 33.4 50.0

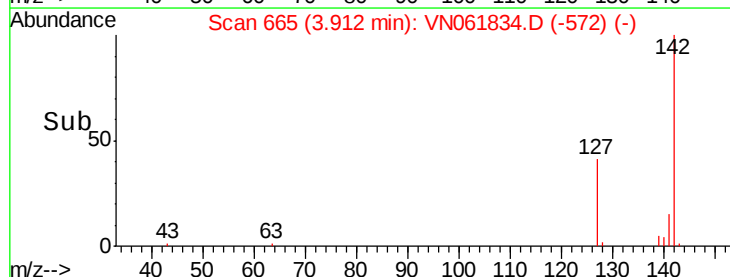
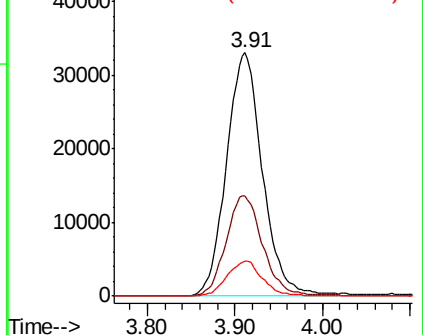
141 14.1 11.3 16.9

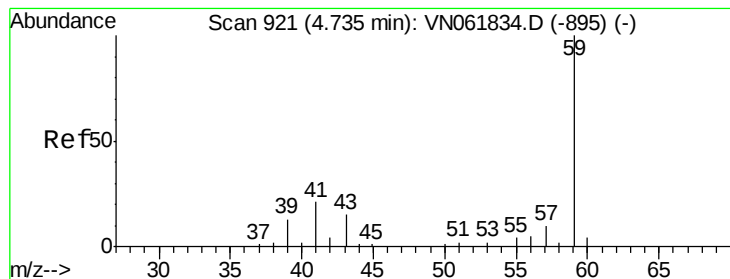


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



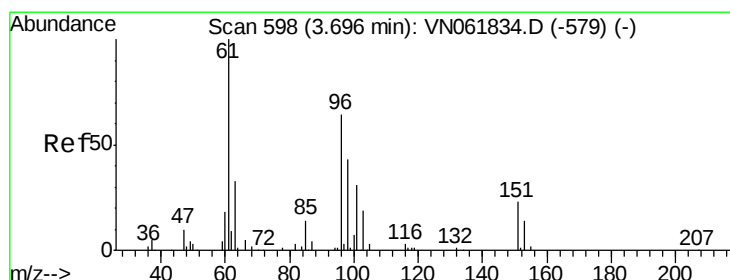
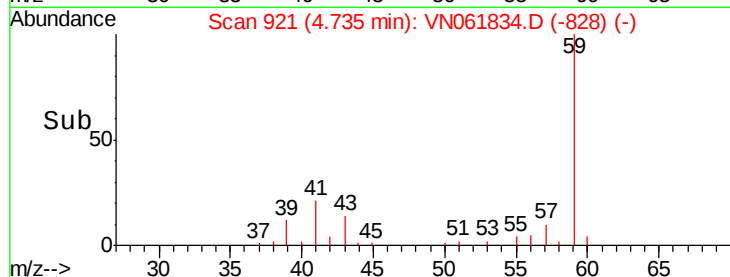
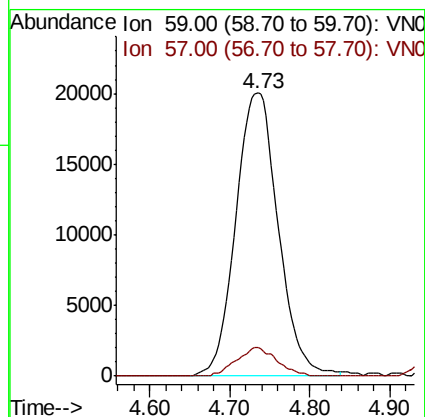
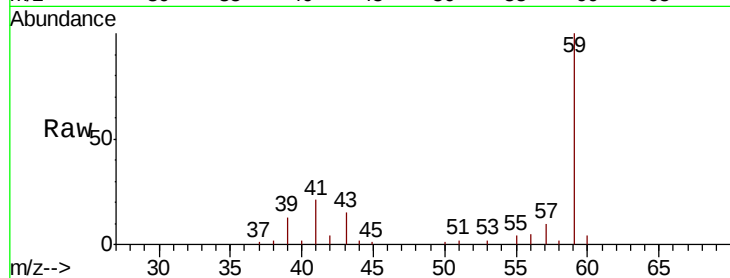


#11

Tert butyl alcohol
 Concen: 275.894 ug/l
 RT: 4.73 min Scan# 921
 Delta R.T. 0.00 min
 Lab File: VN061834.D
 Acq: 16 Jun 2020 18:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

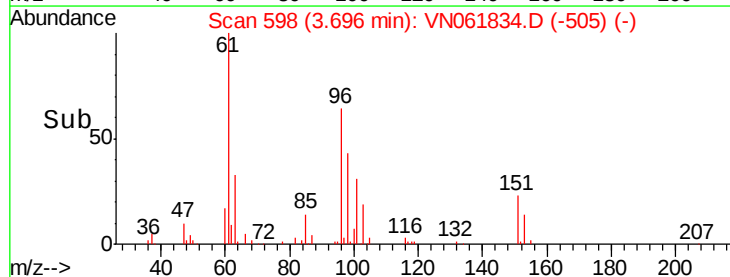
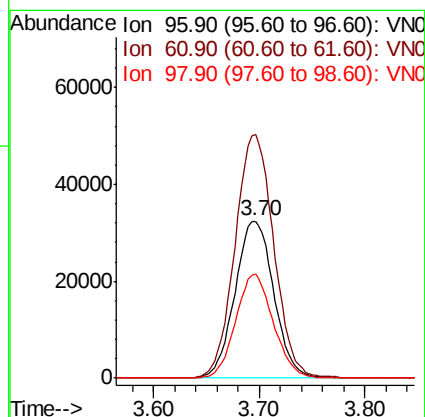
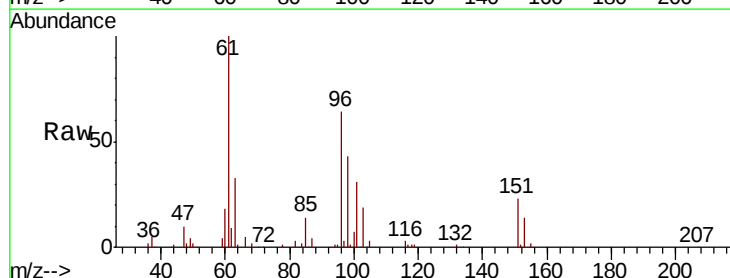
Tot Ion: 59 Resp: 72376
 Ion Ratio Lower Upper
 59 100
 57 9.6 7.7 11.5

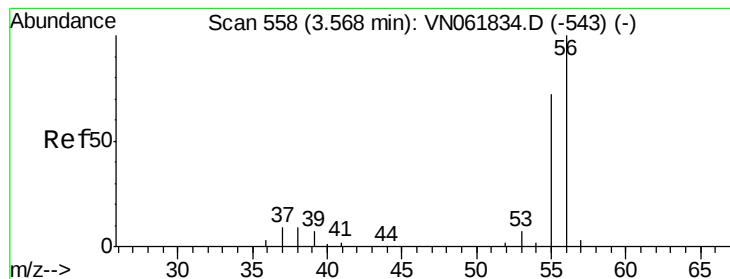


#12

1,1-Dichloroethene
 Concen: 50.005 ug/l
 RT: 3.70 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: VN061834.D
 Acq: 16 Jun 2020 18:37

Tgt Ion: 96 Resp: 82987
 Ion Ratio Lower Upper
 96 100
 61 155.4 124.3 186.5
 98 66.4 53.1 79.7





#13

Acrolein

Concen: 359.835 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN061834.D

Acq: 16 Jun 2020 18:37

Instrument :

MSVOA_N

ClientSampleId :

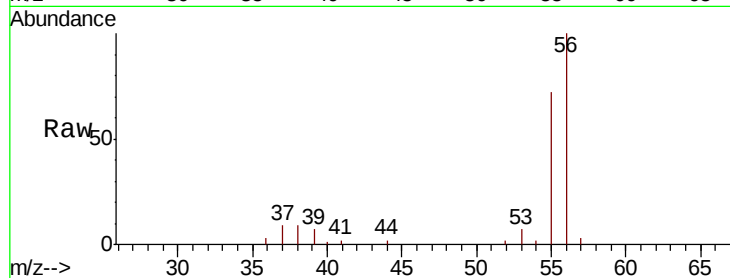
VSTDICCC050

Tot Ion: 56 Resp: 41925

Ion Ratio Lower Upper

56 100

55 70.3 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) (-)

3.57

15000

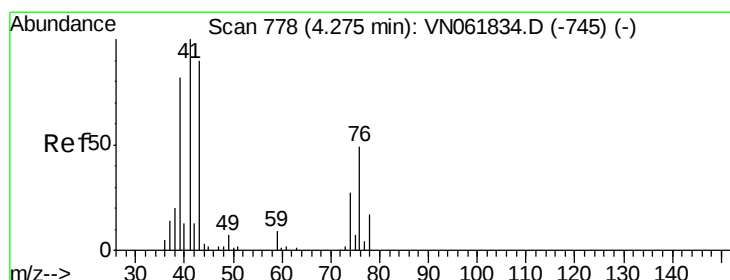
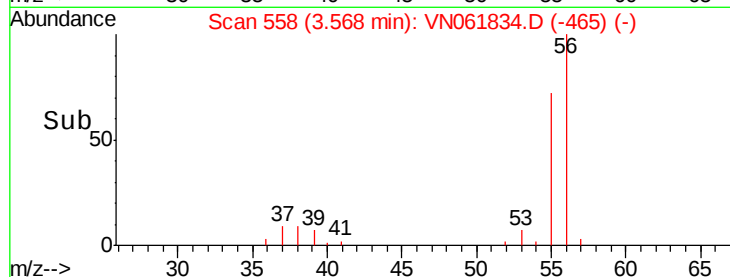
10000

5000

0

Time-->

3.50 3.55 3.60 3.65



#14

Allyl chloride

Concen: 50.991 ug/l

RT: 4.27 min Scan# 778

Delta R.T. 0.00 min

Lab File: VN061834.D

Acq: 16 Jun 2020 18:37

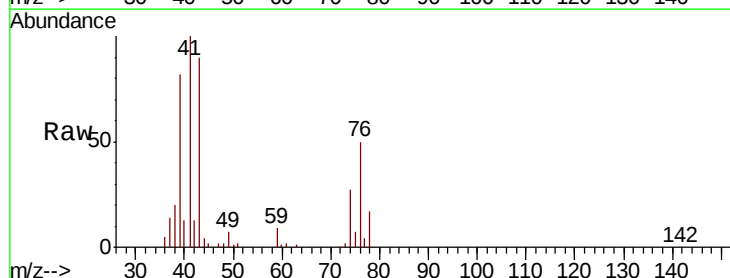
Tgt Ion: 41 Resp: 110609

Ion Ratio Lower Upper

41 100

39 75.2 60.2 90.2

76 45.4 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) (-)

4.27

40000

30000

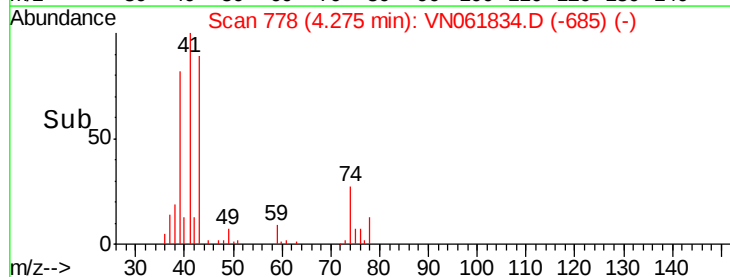
20000

10000

0

Time-->

4.10 4.20 4.30 4.40





#15

Acrylonitrile

Concen: 264.772 ug/l

RT: 4.93 min Scan# 981

Delta R.T. 0.00 min

Lab File: VN061834.D

Acq: 16 Jun 2020 18:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

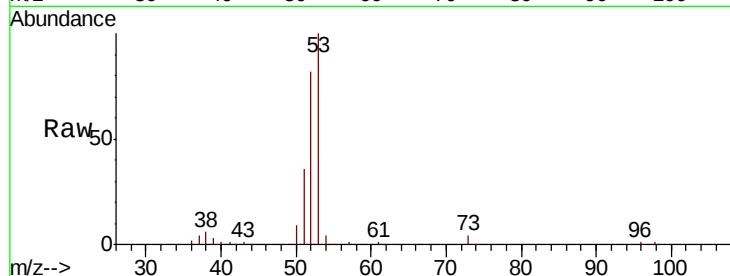
Tot Ion: 53 Resp: 190185

Ion Ratio Lower Upper

53 100

52 81.5 65.2 97.8

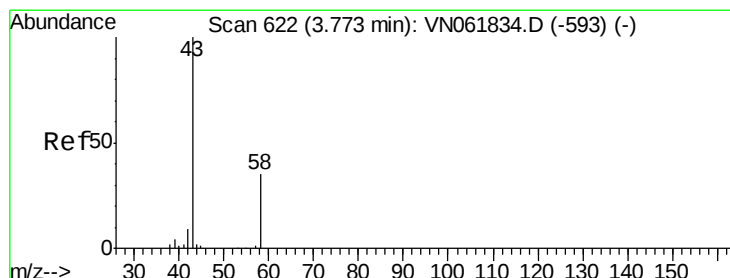
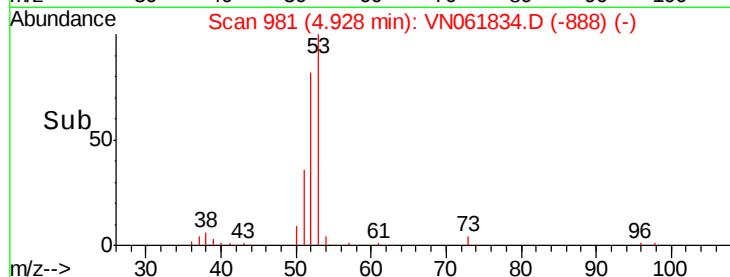
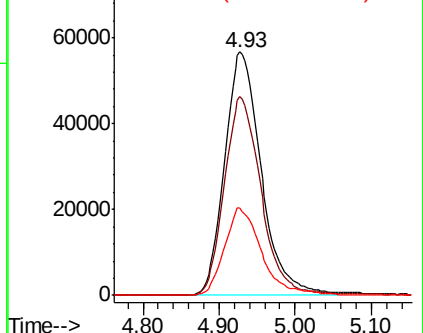
51 36.6 29.3 43.9



Abundance Ion 53.00 (52.70 to 53.70): VN061834.D (-960) (-)

Ion 52.00 (51.70 to 52.70): VN061834.D (-960) (-)

Ion 51.00 (50.70 to 51.70): VN061834.D (-960) (-)



#16

Acetone

Concen: 213.703 ug/l

RT: 3.77 min Scan# 622

Delta R.T. 0.00 min

Lab File: VN061834.D

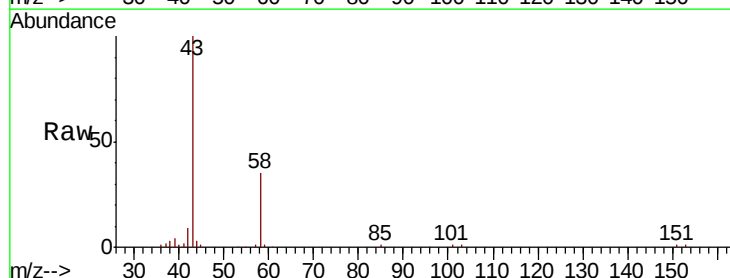
Acq: 16 Jun 2020 18:37

Tgt Ion: 43 Resp: 146435

Ion Ratio Lower Upper

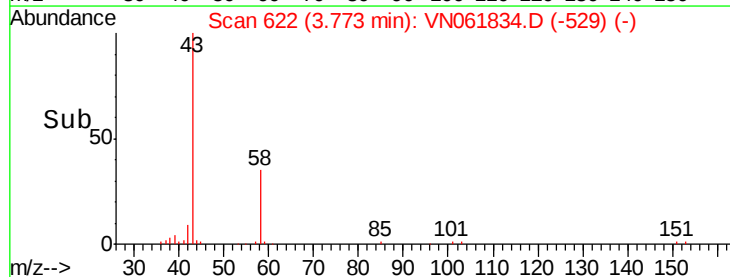
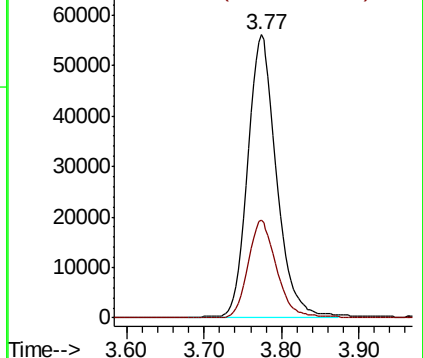
43 100

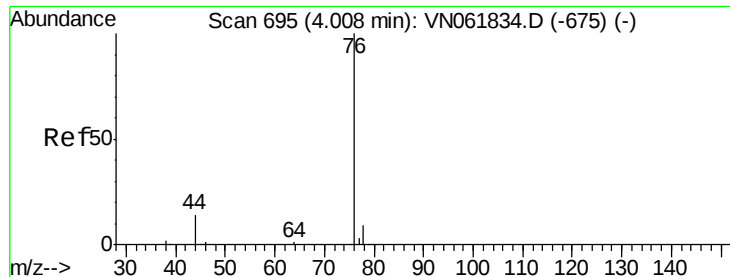
58 34.8 27.8 41.8



Abundance Ion 43.00 (42.70 to 43.70): VN061834.D (-593) (-)

Ion 58.00 (57.70 to 58.70): VN061834.D (-593) (-)

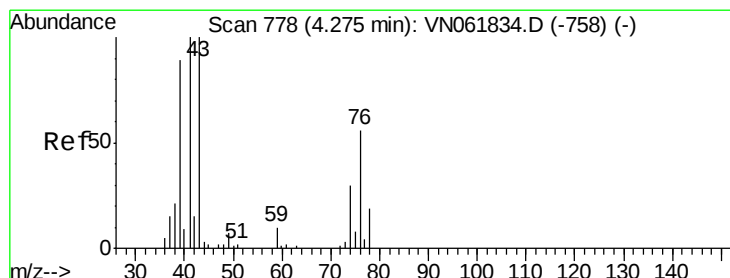
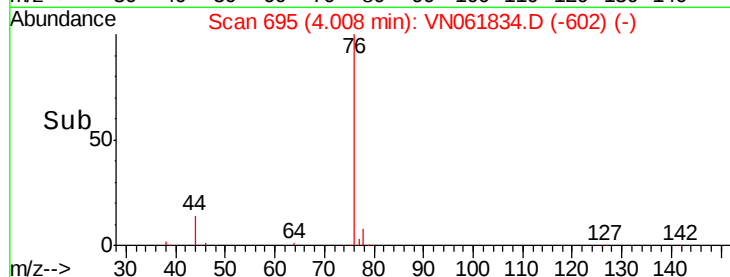
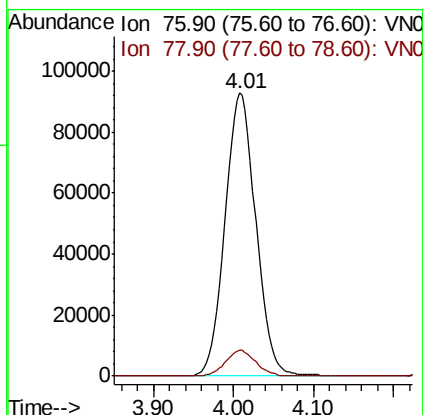
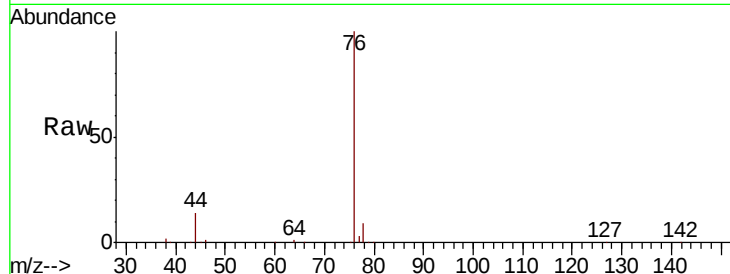




#17
Carbon Disulfide
Concen: 63.386 ug/l
RT: 4.01 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN061834.D
Acq: 16 Jun 2020 18:37

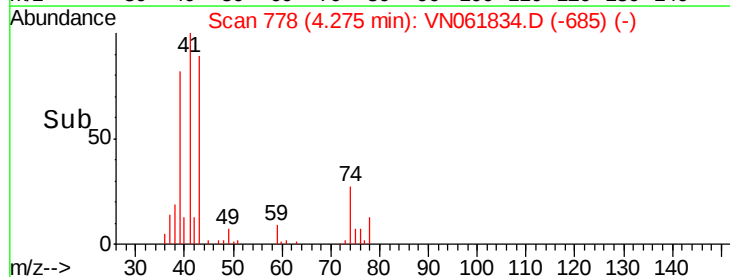
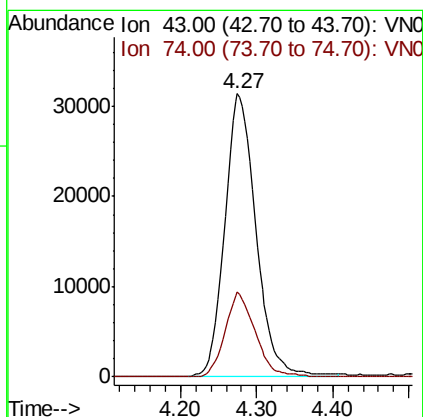
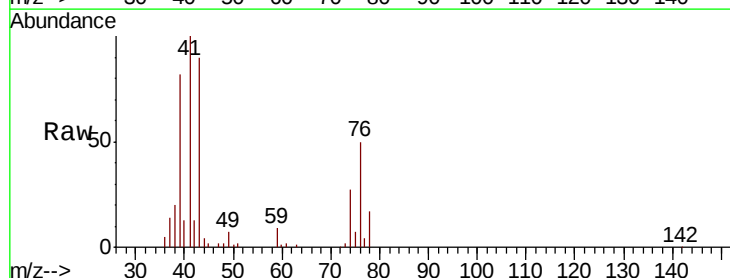
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

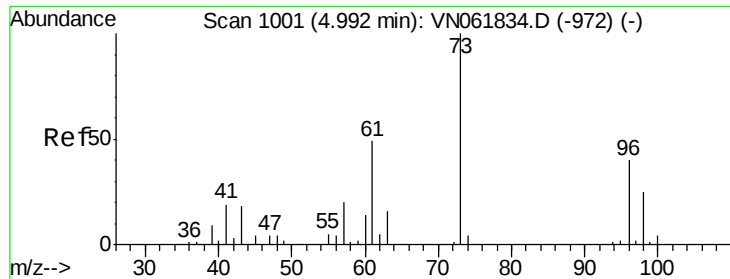
Tot Ion: 76 Resp: 244228
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#18
Methyl Acetate
Concen: 51.386 ug/l
RT: 4.27 min Scan# 778
Delta R.T. 0.00 min
Lab File: VN061834.D
Acq: 16 Jun 2020 18:37

Tgt Ion: 43 Resp: 90030
Ion Ratio Lower Upper
43 100
74 28.7 23.0 34.4

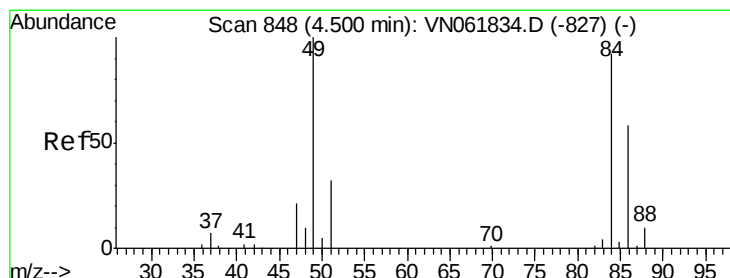
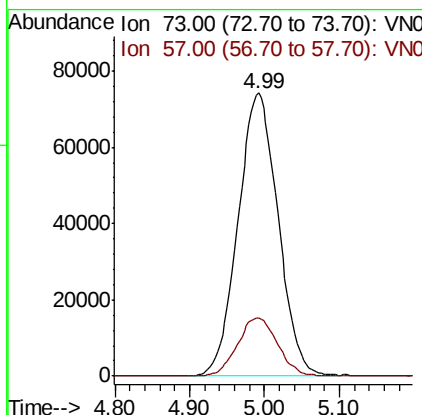
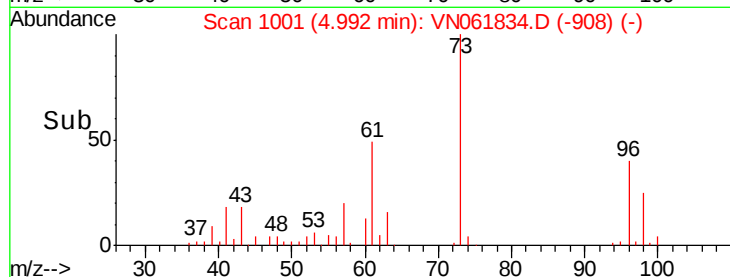
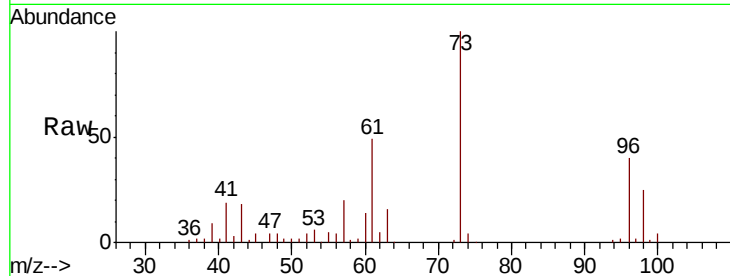




#19
Methvl tert-butvl Ether
Concen: 49.113 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VN061834.D
Acq: 16 Jun 2020 18:37

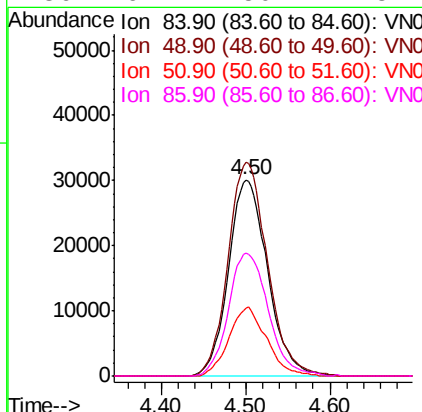
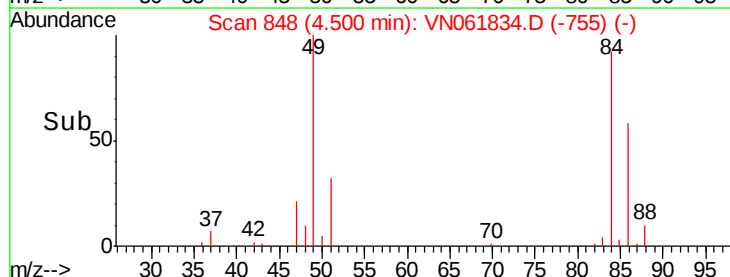
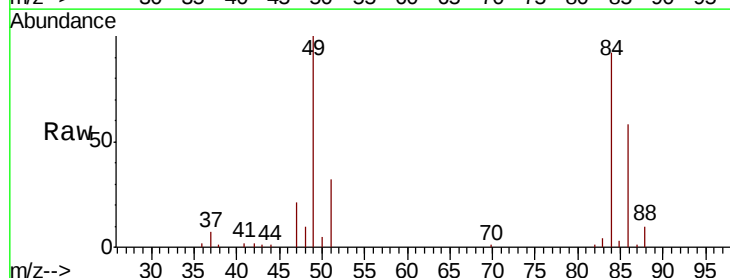
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

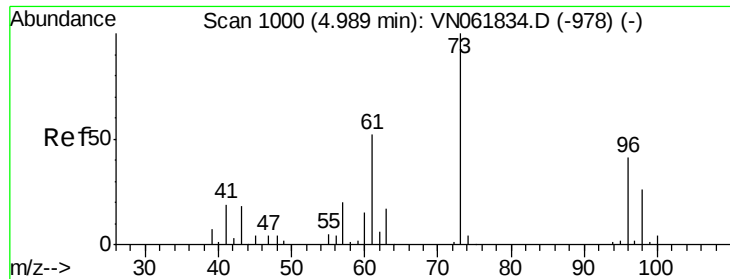
Tot Ion: 73 Resp: 275793
Ion Ratio Lower Upper
73 100
57 20.3 16.2 24.4



#20
Methylene Chloride
Concen: 40.878 ug/l
RT: 4.50 min Scan# 848
Delta R.T. 0.00 min
Lab File: VN061834.D
Acq: 16 Jun 2020 18:37

Tgt Ion: 84 Resp: 97171
Ion Ratio Lower Upper
84 100
49 108.7 87.0 130.4
51 34.7 27.8 41.6
86 62.7 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 50.472 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN061834.D

Acq: 16 Jun 2020 18:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

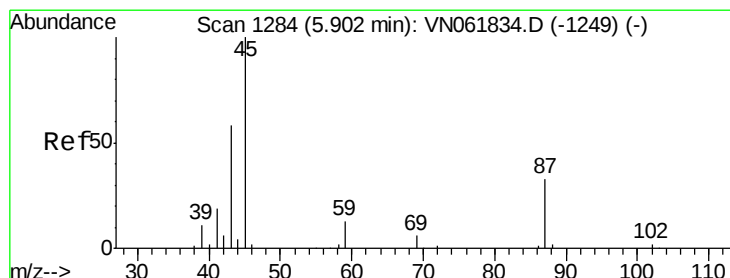
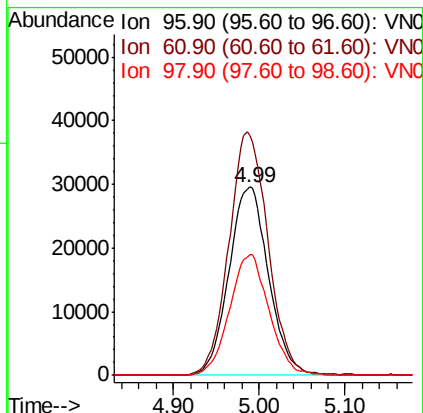
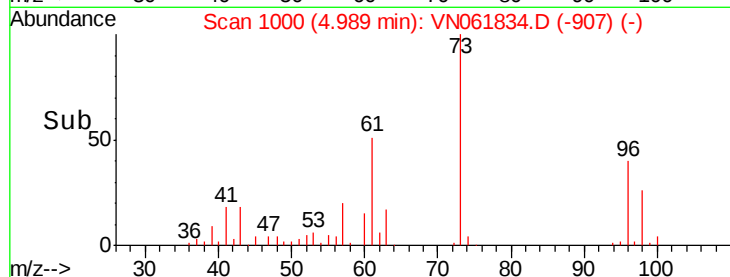
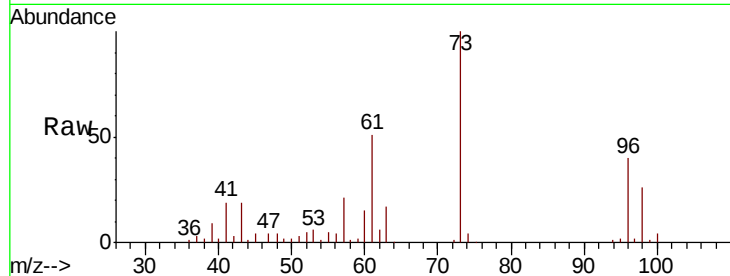
Tot Ion: 96 Resp: 94740

Ion Ratio Lower Upper

96 100

61 127.8 102.2 153.4

98 64.0 51.2 76.8



#22

Diisopropyl ether

Concen: 51.464 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VN061834.D

Acq: 16 Jun 2020 18:37

Tgt Ion: 45 Resp: 245365

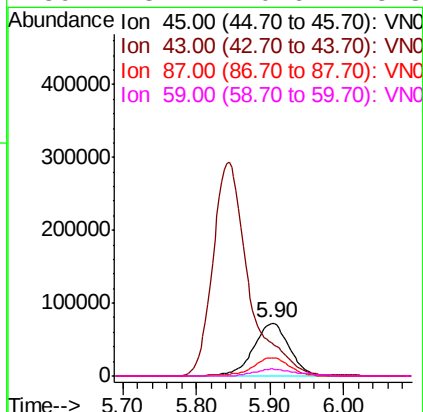
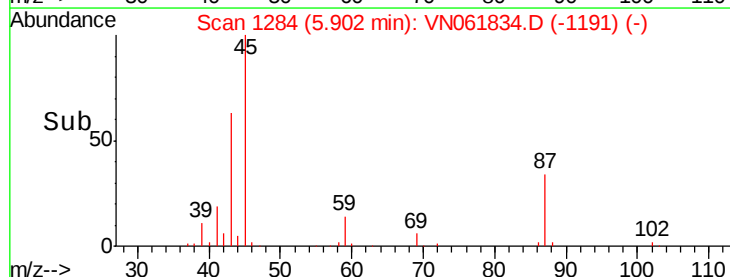
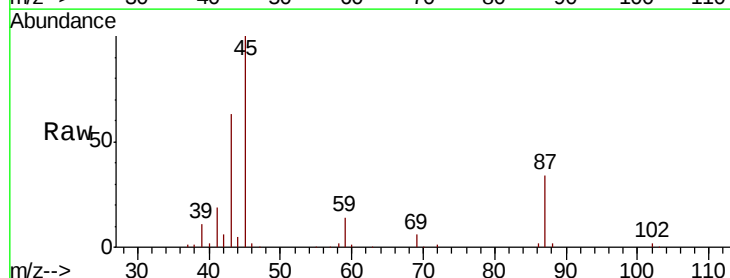
Ion Ratio Lower Upper

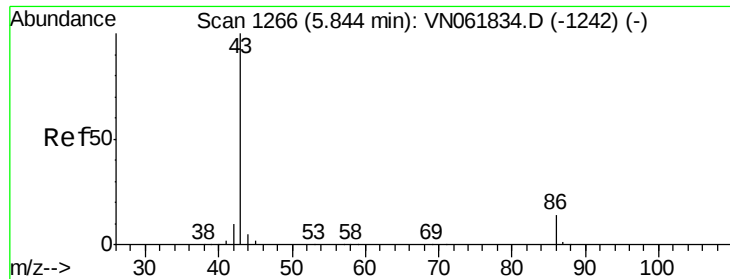
45 100

43 61.8 49.4 74.2

87 34.2 27.4 41.0

59 13.2 10.6 15.8

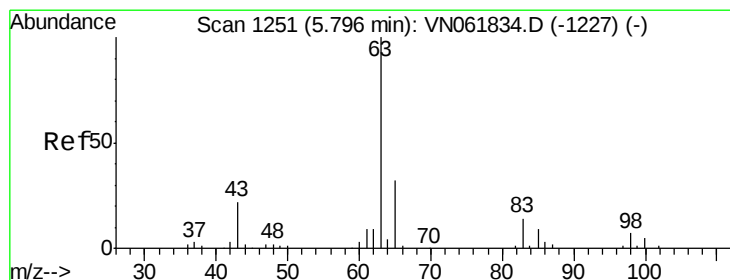
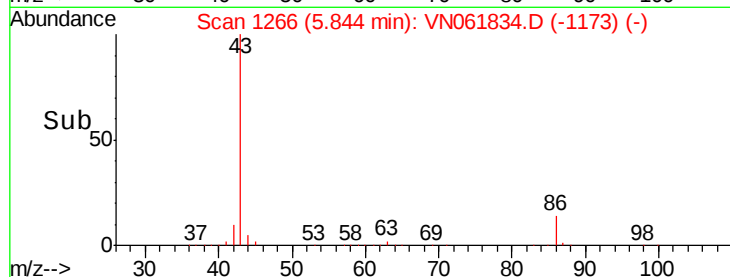
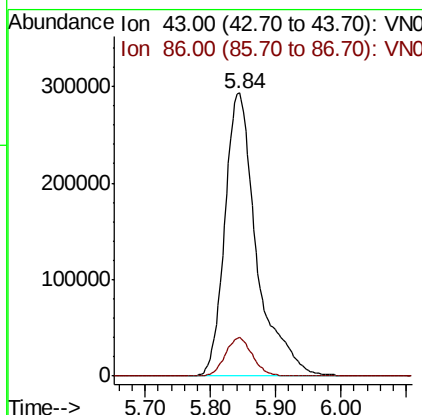
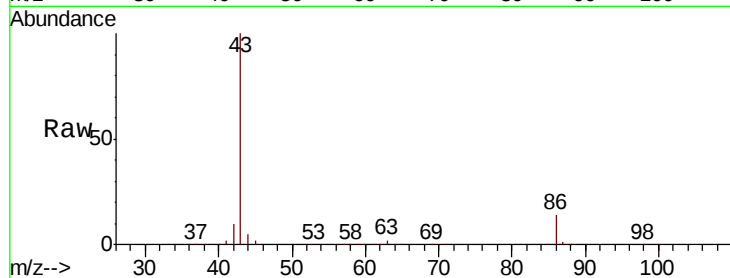




#23
 Vinyl Acetate
 Concen: 261.393 ug/l
 RT: 5.84 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: VN061834.D
 Acq: 16 Jun 2020 18:37

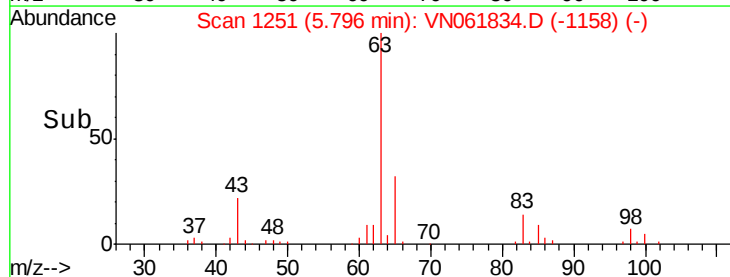
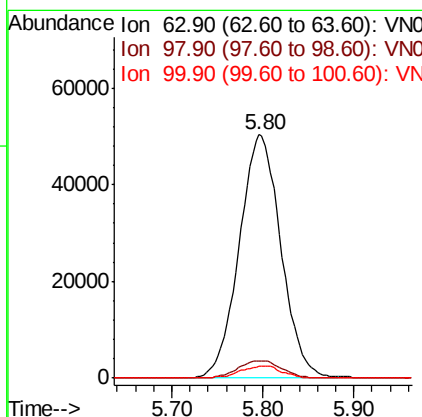
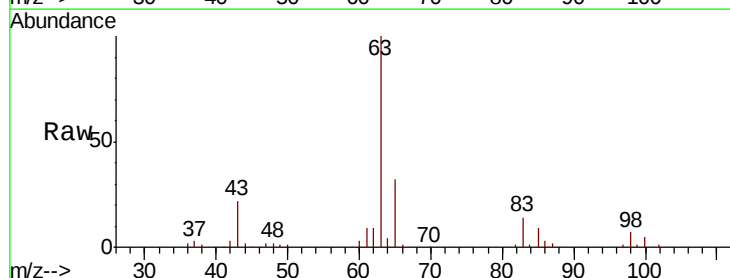
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

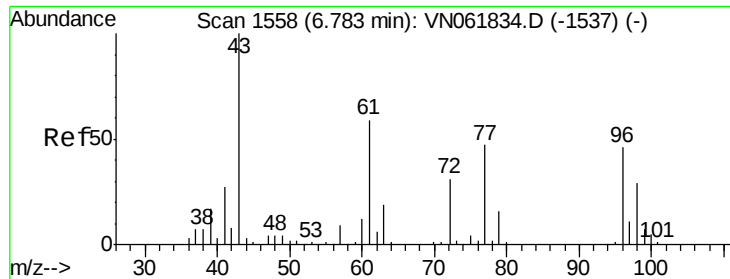
Tot Ion: 43 Resp: 991809
 Ion Ratio Lower Upper
 43 100
 86 13.6 10.9 16.3



#24
 1,1-Dichloroethane
 Concen: 52.484 ug/l
 RT: 5.80 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: VN061834.D
 Acq: 16 Jun 2020 18:37

Tgt Ion: 63 Resp: 159754
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.5 10.4
 100 4.9 2.5 7.4

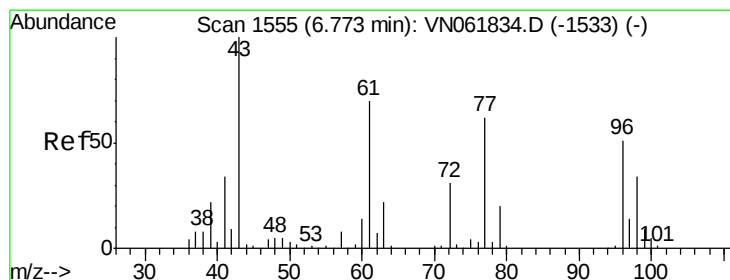
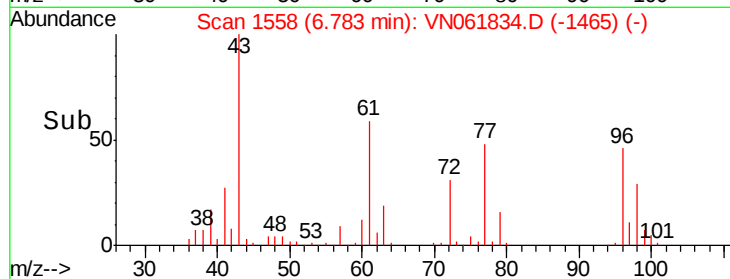
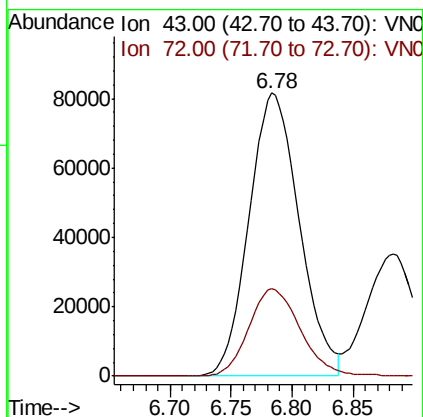
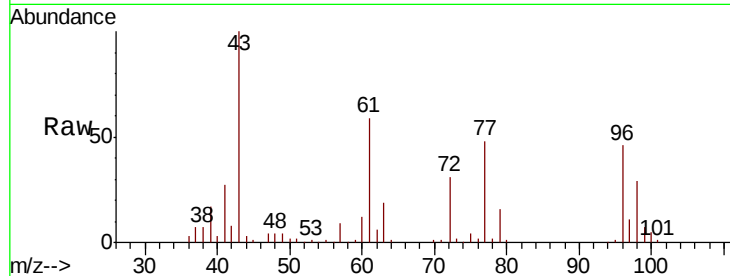




#25
2-Butanone
Concen: 255.270 ug/l
RT: 6.78 min Scan# 1558
Delta R.T. 0.00 min
Lab File: VN061834.D
Acq: 16 Jun 2020 18:37

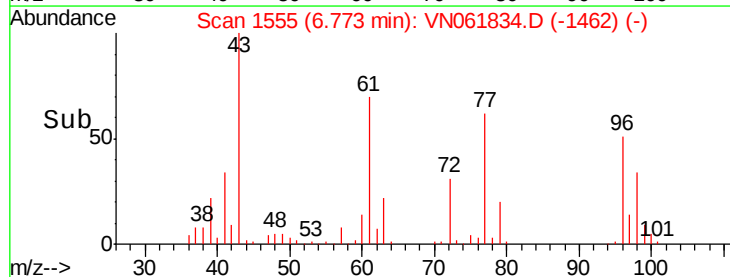
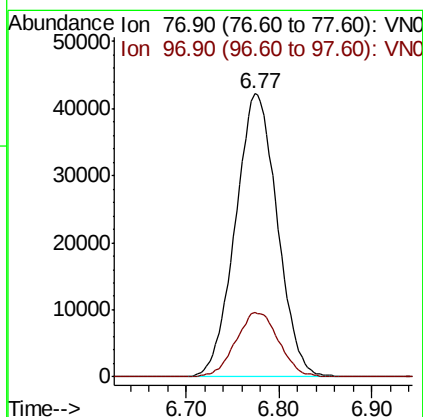
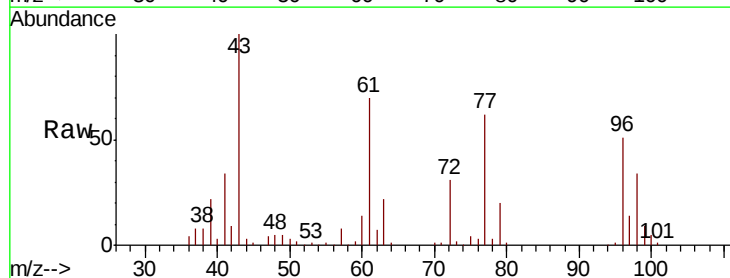
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

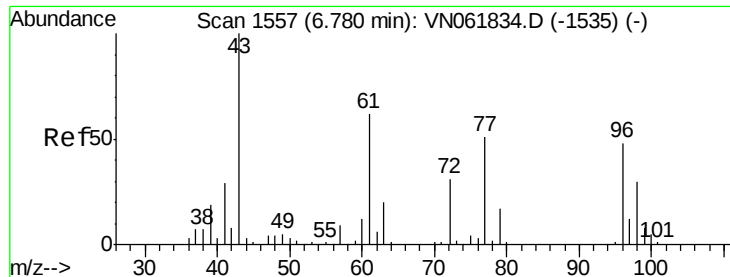
Tot Ion: 43 Resp: 233660
Ion Ratio Lower Upper
43 100
72 30.8 24.6 37.0



#26
2,2-Dichloropropane
Concen: 48.005 ug/l
RT: 6.77 min Scan# 1555
Delta R.T. 0.00 min
Lab File: VN061834.D
Acq: 16 Jun 2020 18:37

Tgt Ion: 77 Resp: 132437
Ion Ratio Lower Upper
77 100
97 23.3 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 51.231 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.00 min

Lab File: VN061834.D

Acq: 16 Jun 2020 18:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

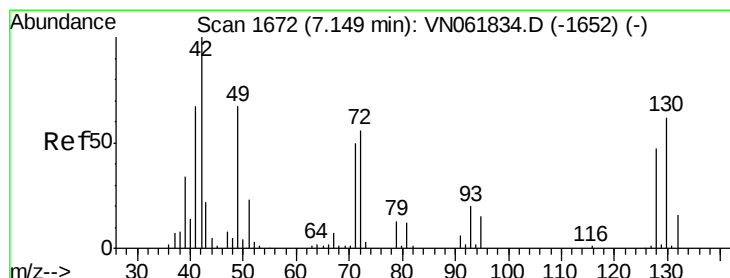
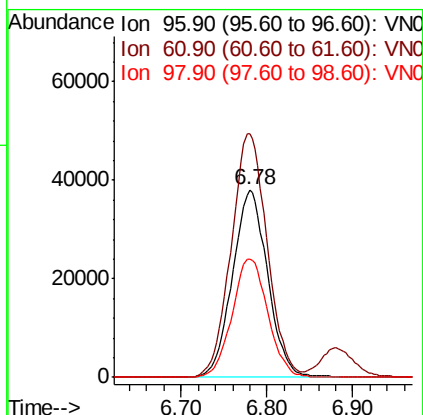
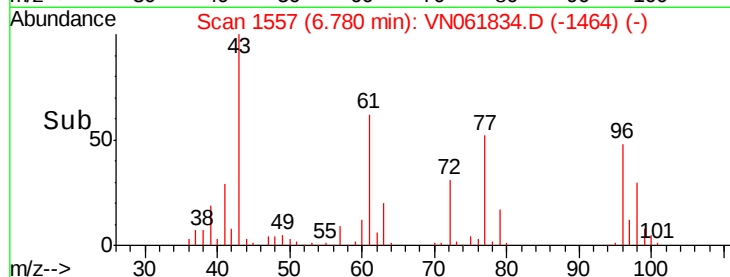
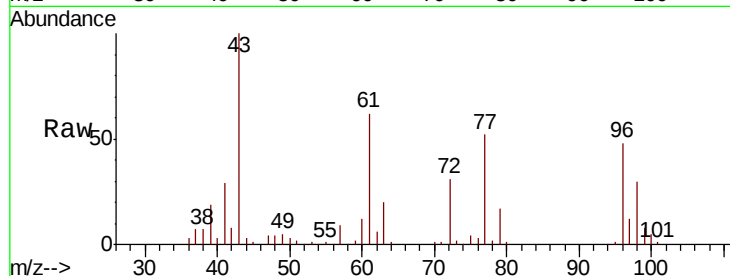
Tot Ion: 96 Resp: 108181

Ion Ratio Lower Upper

96 100

61 132.8 0.0 265.6

98 64.1 0.0 128.2



#28

Bromochloromethane

Concen: 51.103 ug/l

RT: 7.15 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VN061834.D

Acq: 16 Jun 2020 18:37

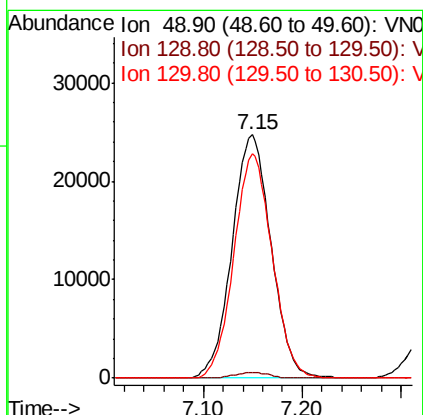
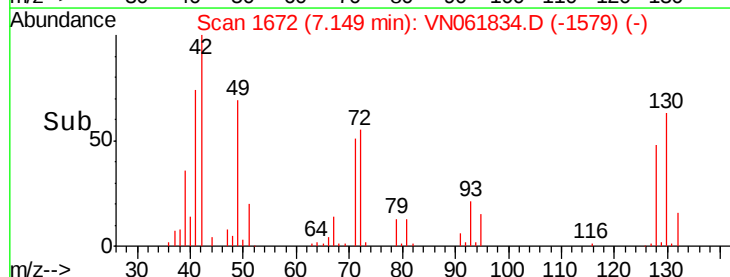
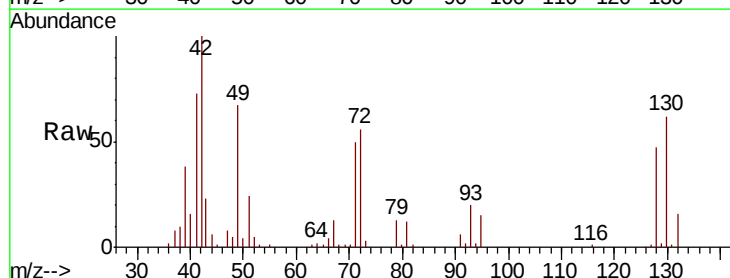
Tgt Ion: 49 Resp: 67960

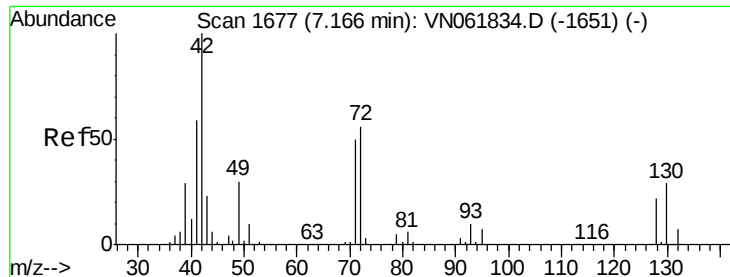
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.0

130 90.2 72.2 108.2

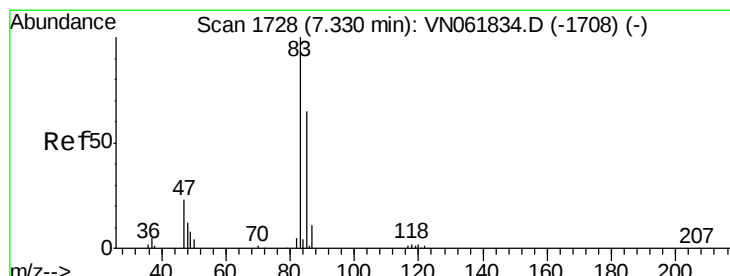
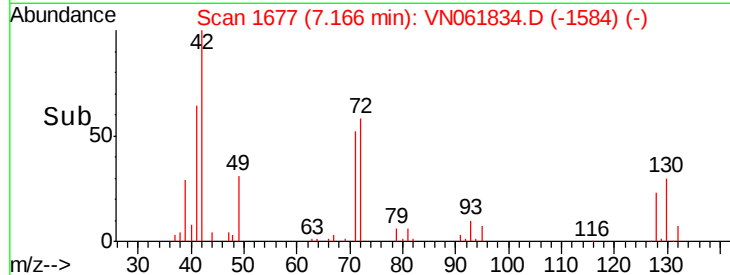
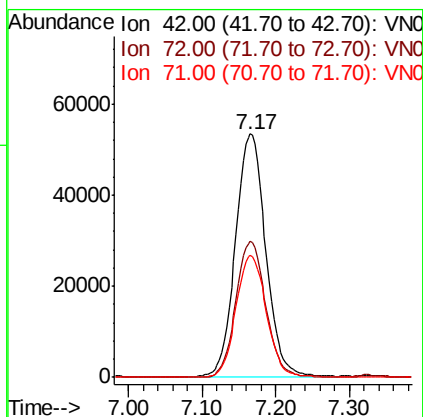
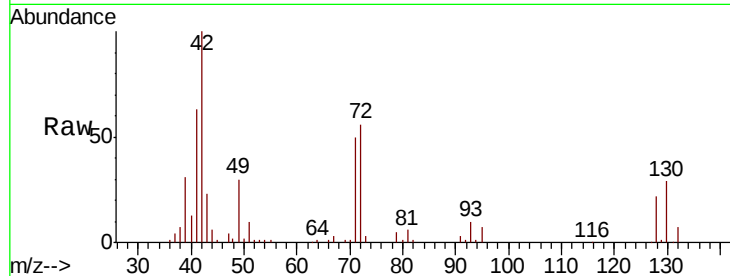




#29
Tetrahydrofuran
Concen: 255.678 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. 0.00 min
Lab File: VN061834.D
Acq: 16 Jun 2020 18:37

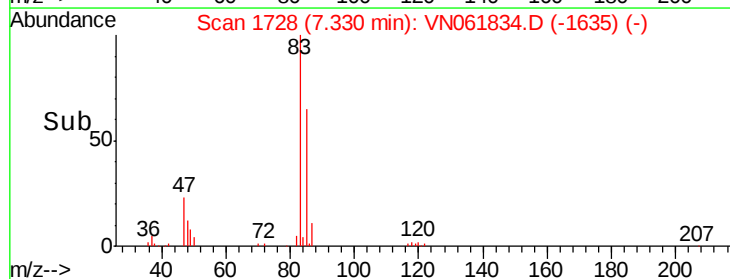
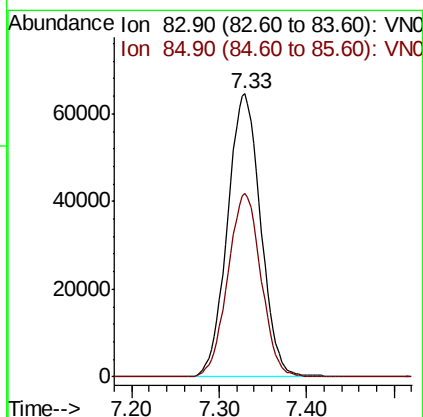
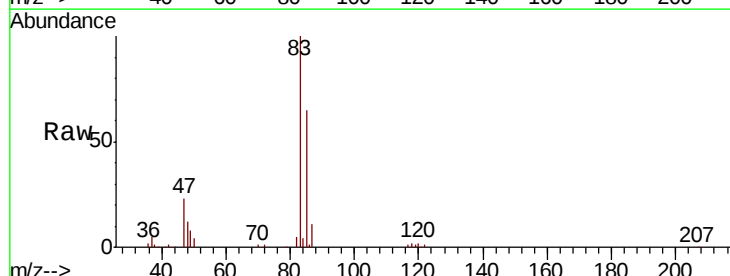
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

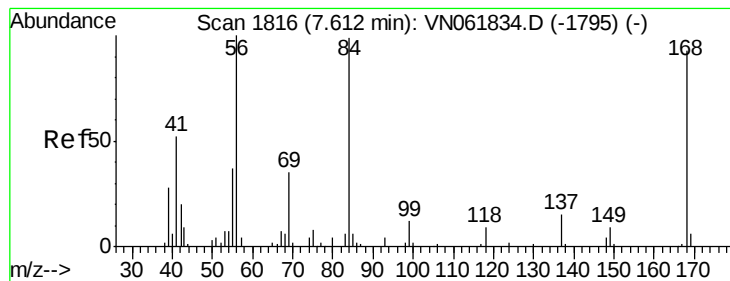
Tot Ion	Ratio	Lower	Upper
42	100		
72	55.0	44.0	66.0
71	50.0	40.0	60.0



#30
Chloroform
Concen: 50.881 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. 0.00 min
Lab File: VN061834.D
Acq: 16 Jun 2020 18:37

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	52.0	78.0





#31

Cyclohexane

Concen: 50.048 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VN061834.D

Acq: 16 Jun 2020 18:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

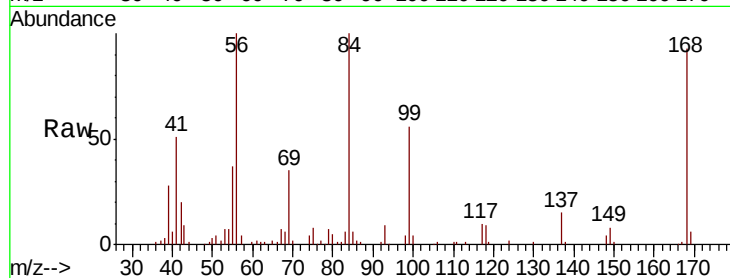
Tot Ion: 56 Resp: 135907

Ion Ratio Lower Upper

56 100

69 34.6 27.7 41.5

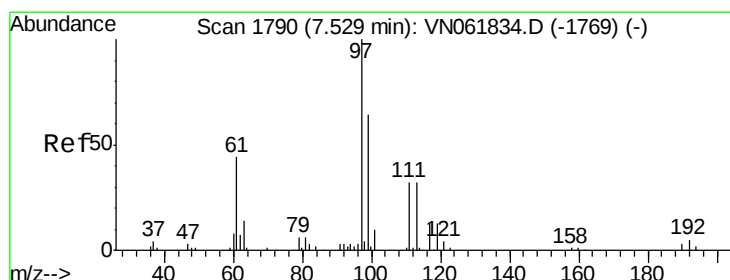
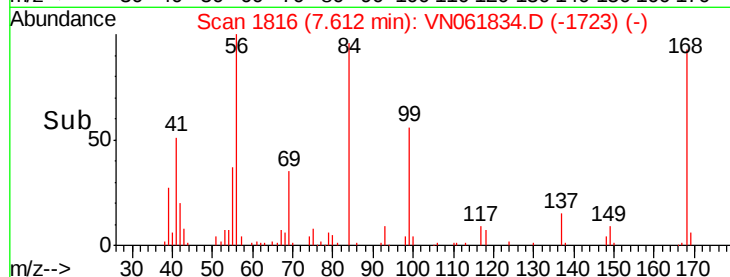
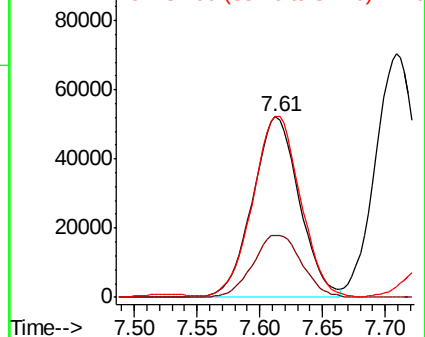
84 98.9 79.1 118.7



Abundance Ion 56.00 (55.70 to 56.70): VN061834.D (-1795) (-)

Ion 69.00 (68.70 to 69.70): VN061834.D (-1795) (-)

Ion 84.00 (83.70 to 84.70): VN061834.D (-1795) (-)



#32

1,1,1-Trichloroethane

Concen: 48.509 ug/l

RT: 7.53 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VN061834.D

Acq: 16 Jun 2020 18:37

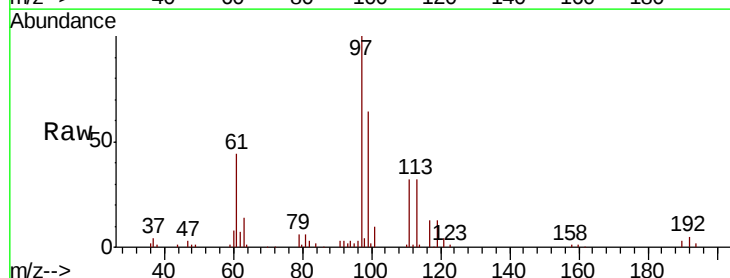
Tgt Ion: 97 Resp: 146393

Ion Ratio Lower Upper

97 100

99 64.4 51.5 77.3

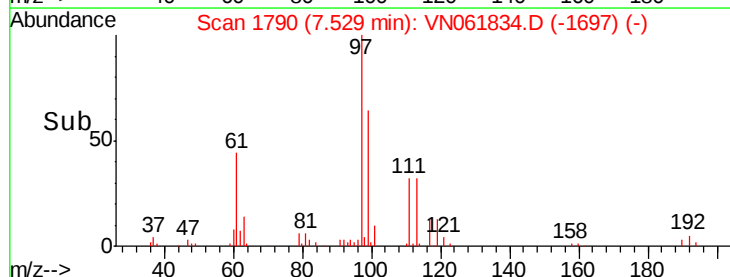
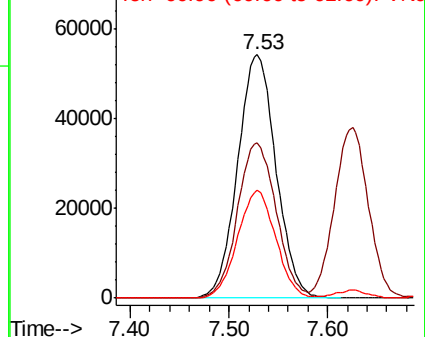
61 43.9 35.1 52.7

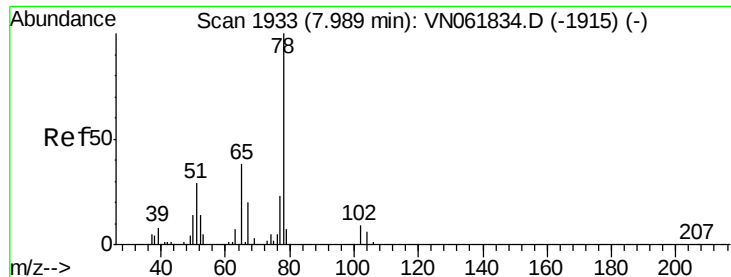


Abundance Ion 96.90 (96.60 to 97.60): VN061834.D (-1769) (-)

Ion 98.90 (98.60 to 99.60): VN061834.D (-1769) (-)

Ion 60.90 (60.60 to 61.60): VN061834.D (-1769) (-)

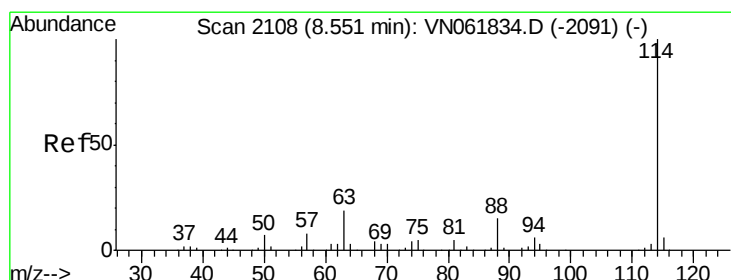
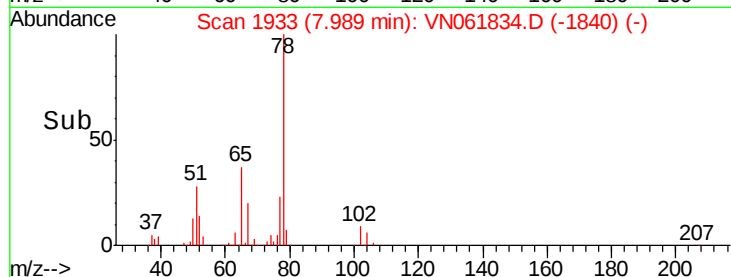
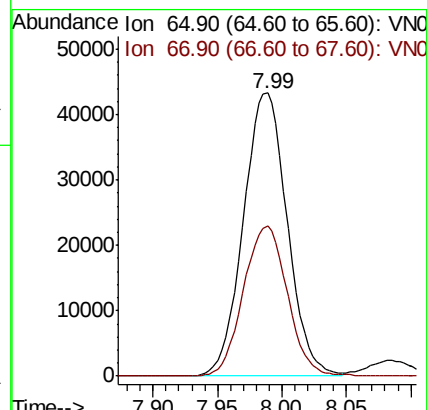
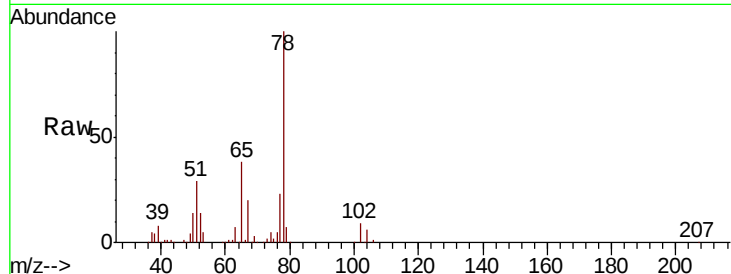




#33
 1,2-Dichloroethane-d4
 Concen: 52.980 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN061834.D
 Acq: 16 Jun 2020 18:37

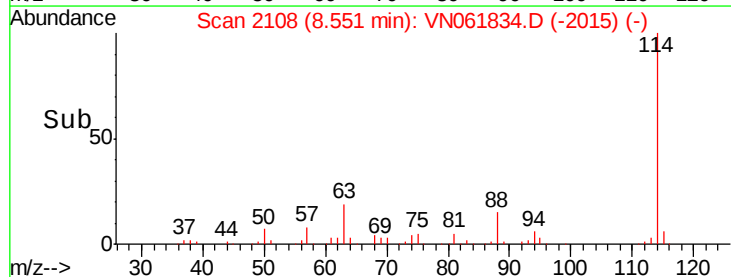
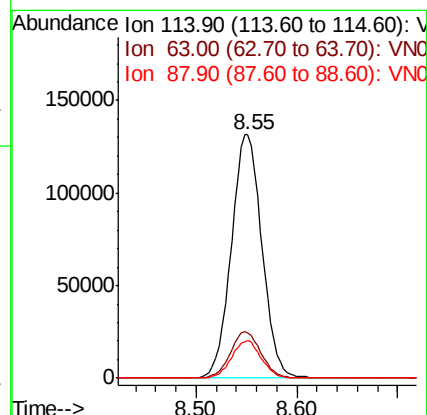
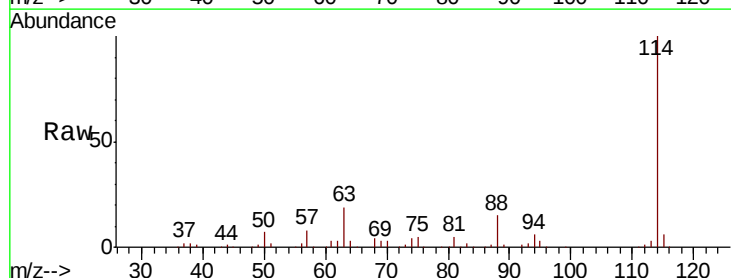
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion: 65 Resp: 102594
 Ion Ratio Lower Upper
 65 100
 67 53.1 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: VN061834.D
 Acq: 16 Jun 2020 18:37

Tgt Ion: 114 Resp: 277790
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 37.6
 88 15.5 0.0 31.0

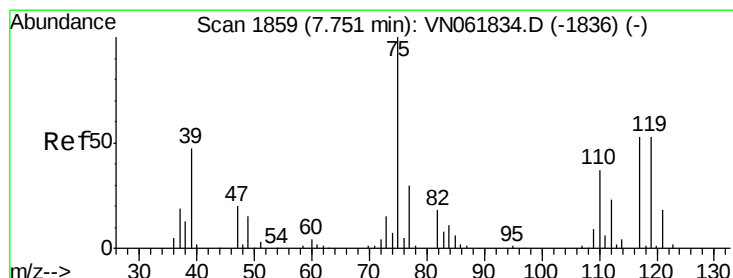
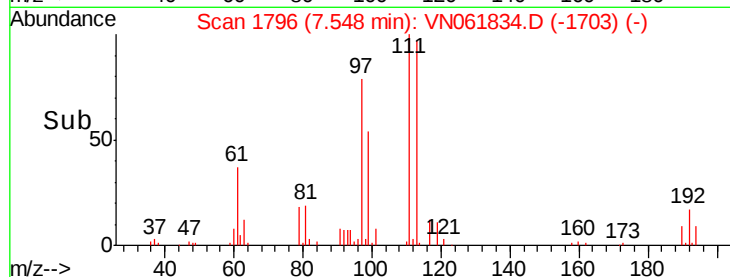
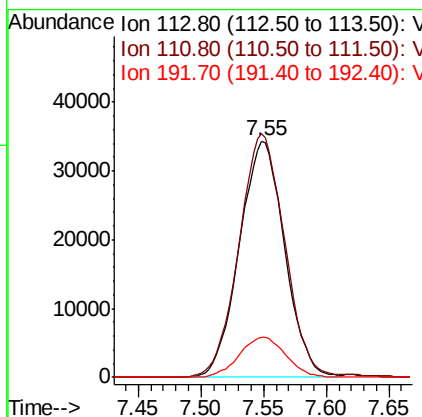
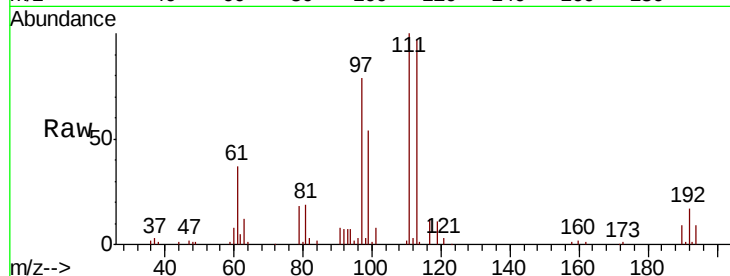




#35
 Dibromofluoromethane
 Concen: 58.705 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN061834.D
 Acq: 16 Jun 2020 18:37

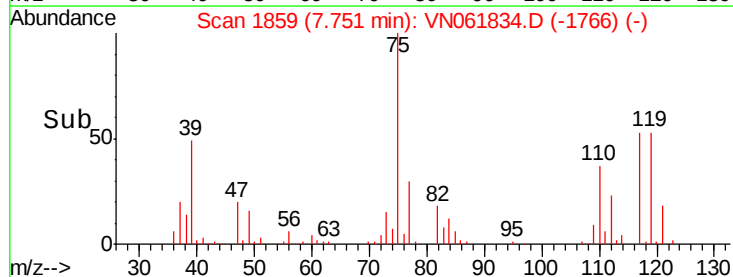
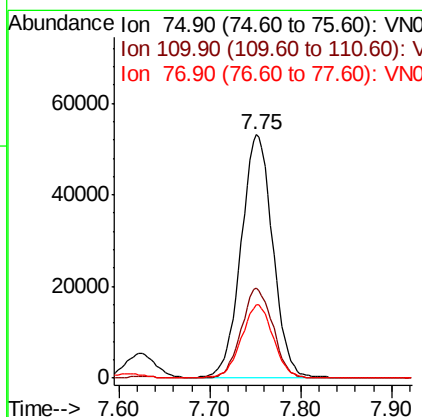
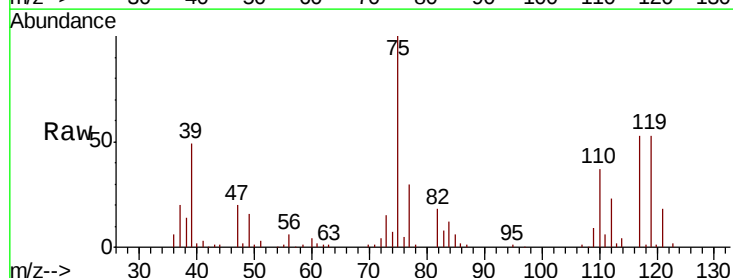
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

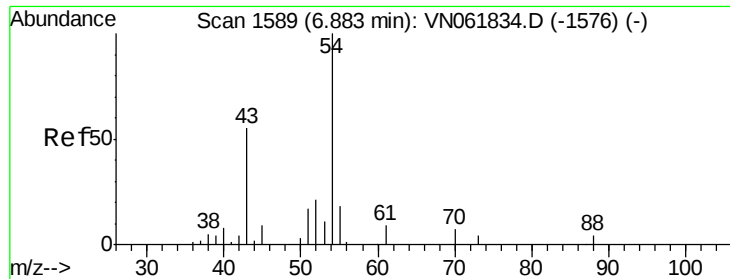
Tot Ion:113 Resp: 86089
 Ion Ratio Lower Upper
 113 100
 111 104.6 83.7 125.5
 192 17.4 13.9 20.9



#36
 1,1-Dichloropropene
 Concen: 51.824 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: VN061834.D
 Acq: 16 Jun 2020 18:37

Tgt Ion: 75 Resp: 128884
 Ion Ratio Lower Upper
 75 100
 110 36.4 18.2 54.6
 77 30.3 24.2 36.4

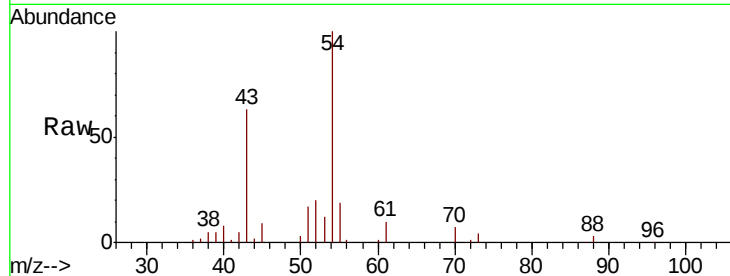




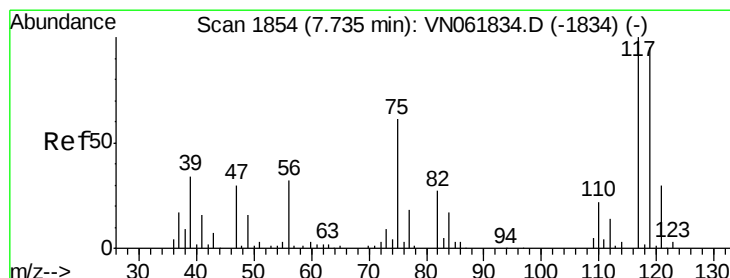
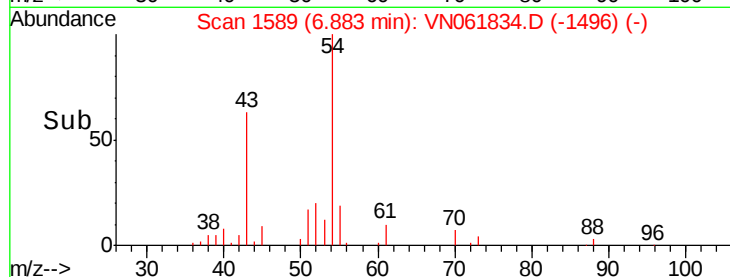
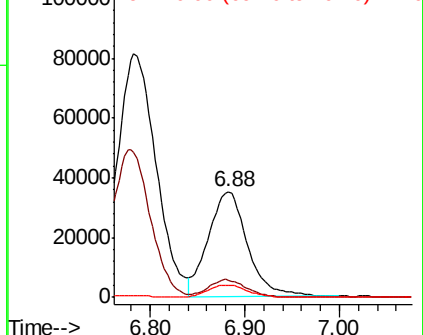
#37
Ethyl Acetate
Concen: 51.317 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. 0.00 min
Lab File: VN061834.D
Acq: 16 Jun 2020 18:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion: 43 Resp: 101734
Ion Ratio Lower Upper
43 100
61 16.2 13.0 19.4
70 11.8 9.4 14.2

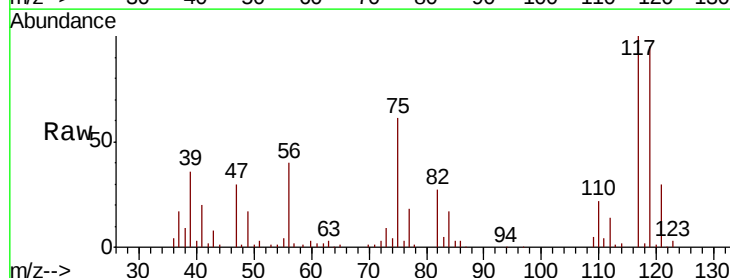


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

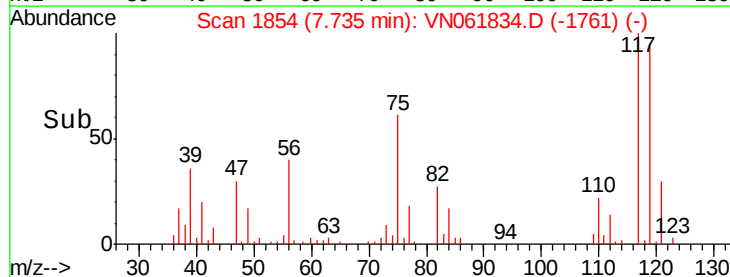
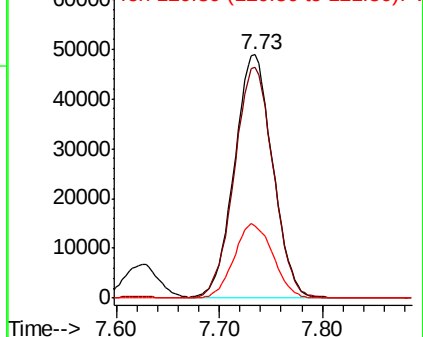


#38
Carbon Tetrachloride
Concen: 52.743 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VN061834.D
Acq: 16 Jun 2020 18:37

Tgt Ion: 117 Resp: 126322
Ion Ratio Lower Upper
117 100
119 94.7 75.8 113.6
121 29.7 23.8 35.6



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

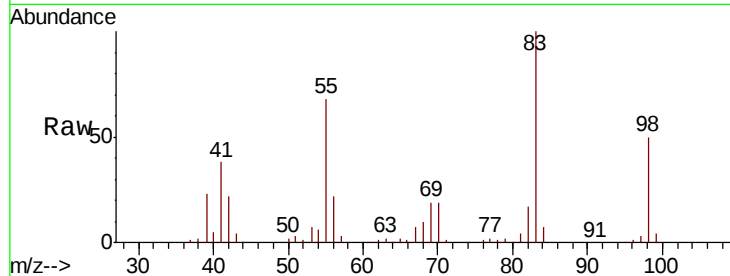




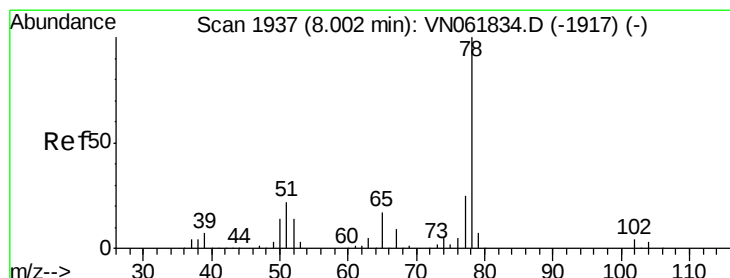
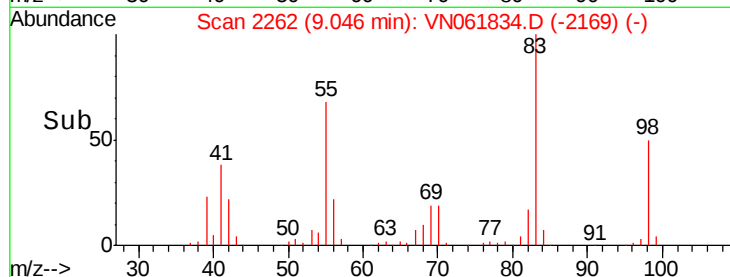
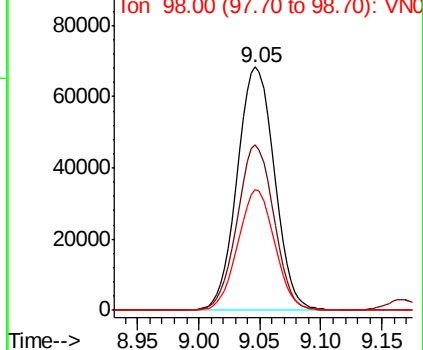
#39
Methvlcvclohexane
Concen: 47.962 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN061834.D
Acq: 16 Jun 2020 18:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion: 83 Resp: 144585
Ion Ratio Lower Upper
83 100
55 67.8 54.2 81.4
98 49.7 39.8 59.6

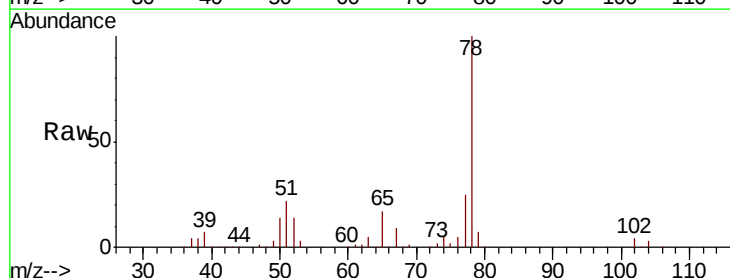


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

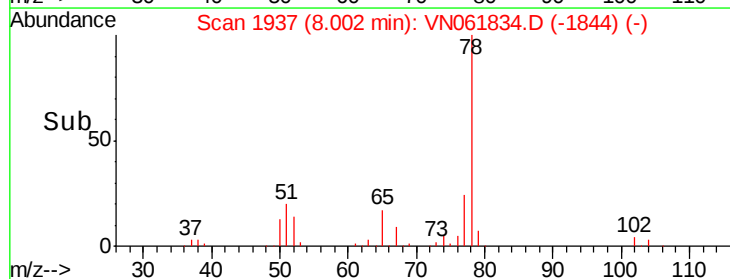
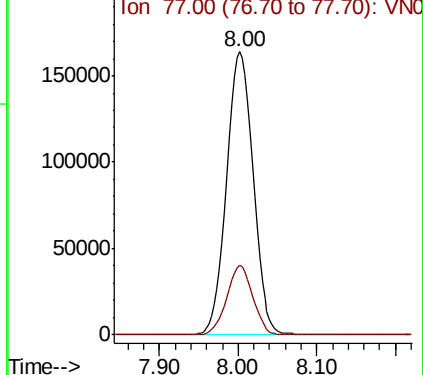


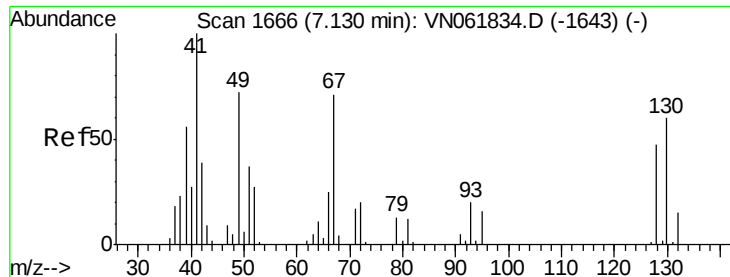
#40
Benzene
Concen: 50.366 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VN061834.D
Acq: 16 Jun 2020 18:37

Tgt Ion: 78 Resp: 385491
Ion Ratio Lower Upper
78 100
77 24.6 19.7 29.5



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

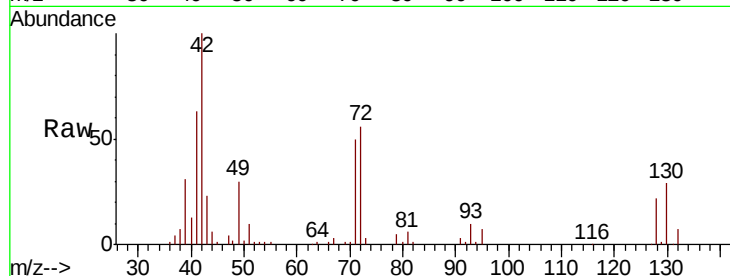




#41
Methacrylonitrile
Concen: 156.041 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. 0.04 min
Lab File: VN061834.D
Acq: 16 Jun 2020 18:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion:	41	Resp:	141683
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



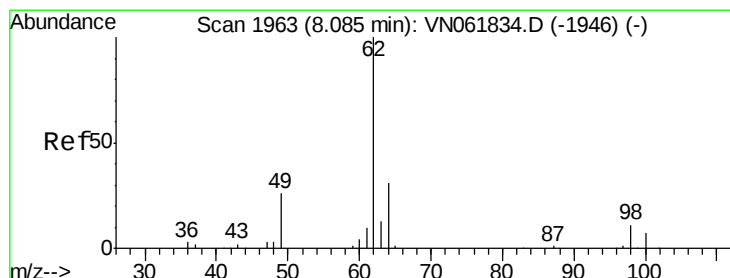
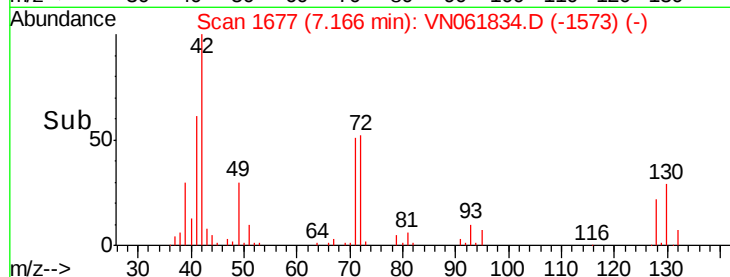
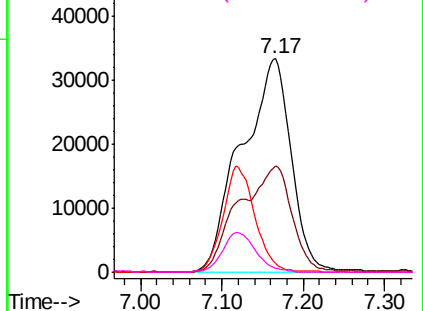
Abundance

Ion 41.00 (40.70 to 41.70): VNC

Ion 39.00 (38.70 to 39.70): VNC

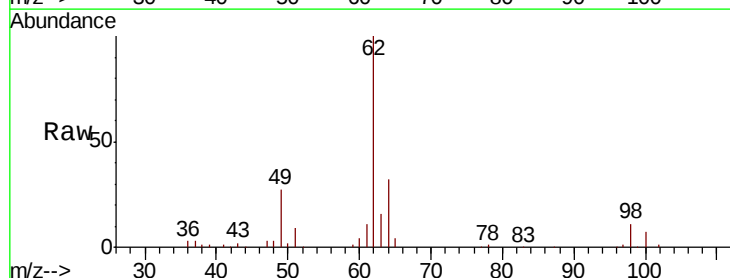
Ion 67.00 (66.70 to 67.70): VNC

Ion 52.00 (51.70 to 52.70): VNC



#42
1,2-Dichloroethane
Concen: 51.246 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VN061834.D
Acq: 16 Jun 2020 18:37

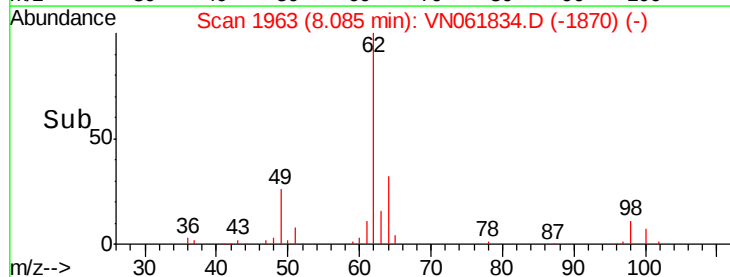
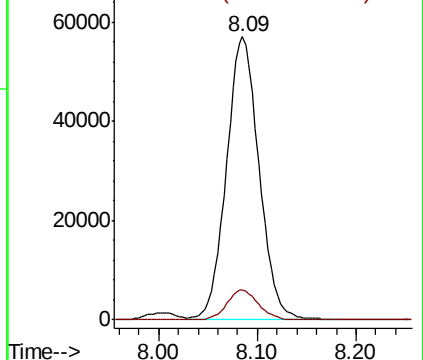
Tgt Ion:	62	Resp:	131853
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	20.4

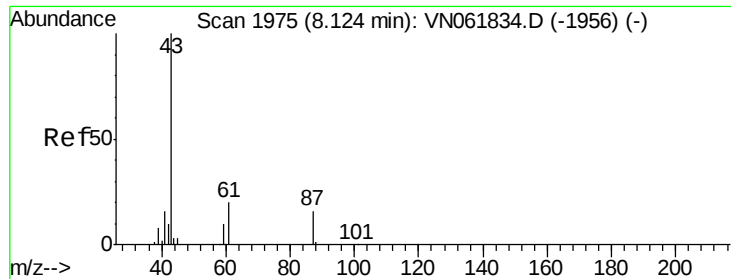


Abundance

Ion 61.90 (61.60 to 62.60): VNC

Ion 97.90 (97.60 to 98.60): VNC

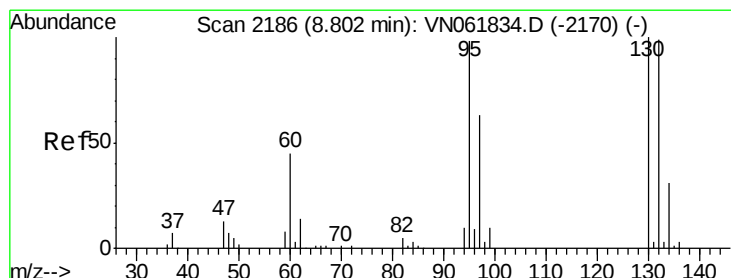
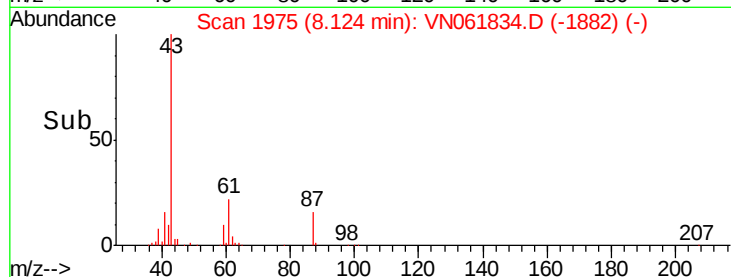
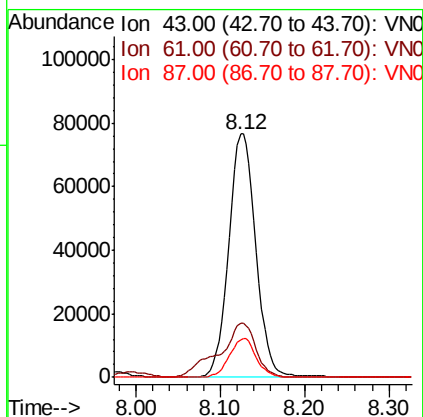
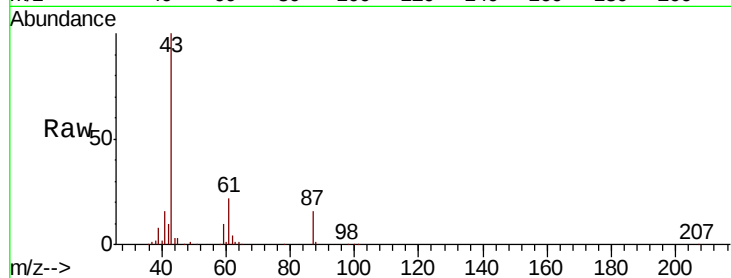




#43
Isopropyl Acetate
Concen: 48.225 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN061834.D
Acq: 16 Jun 2020 18:37

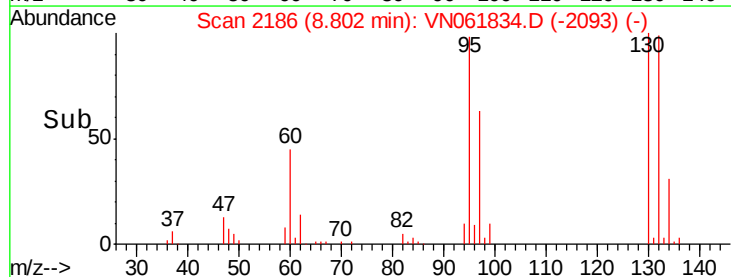
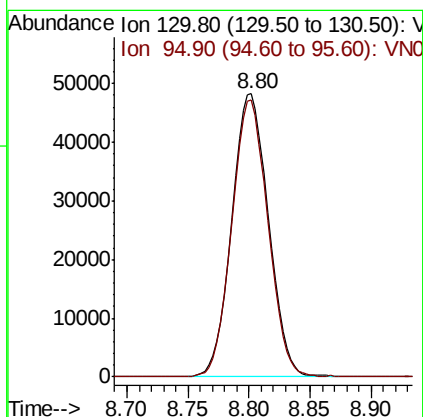
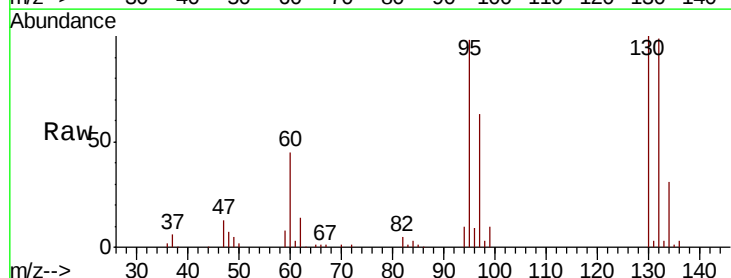
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

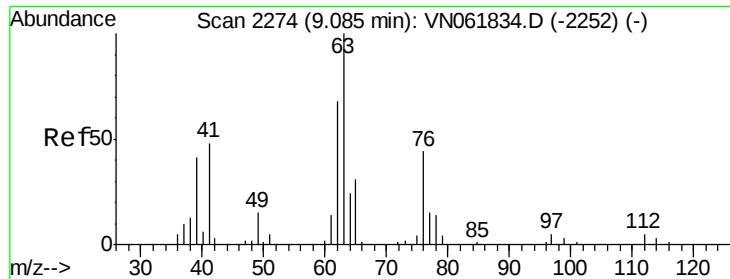
Tot Ion: 43 Resp: 171498
Ion Ratio Lower Upper
43 100
61 30.0 24.0 36.0
87 15.6 12.5 18.7



#44
Trichloroethene
Concen: 44.029 ug/l
RT: 8.80 min Scan# 2186
Delta R.T. 0.00 min
Lab File: VN061834.D
Acq: 16 Jun 2020 18:37

Tgt Ion:130 Resp: 100399
Ion Ratio Lower Upper
130 100
95 97.8 0.0 195.6

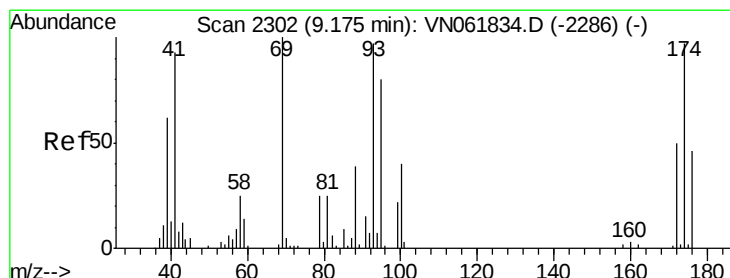
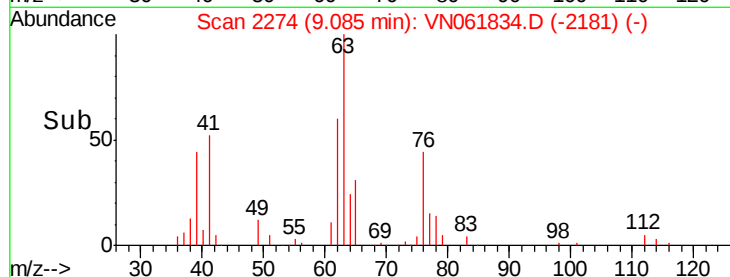
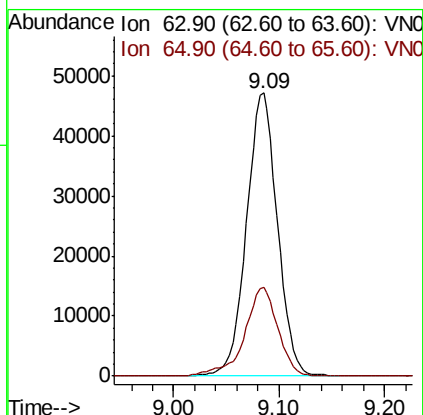
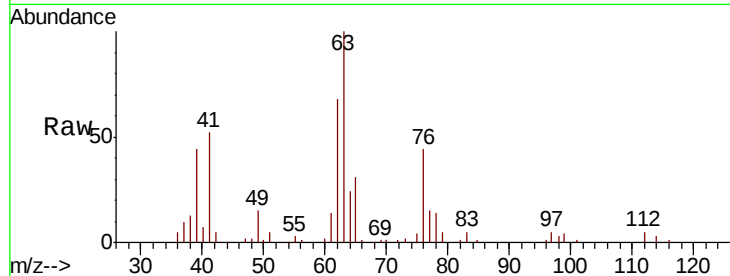




#45
 1,2-Dichloropropane
 Concen: 52.596 ug/l
 RT: 9.09 min Scan# 2274
 Delta R.T. 0.00 min
 Lab File: VN061834.D
 Acq: 16 Jun 2020 18:37

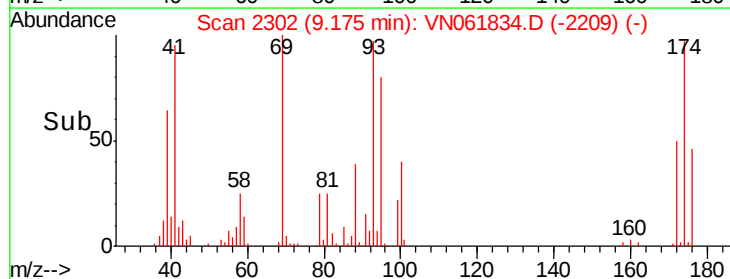
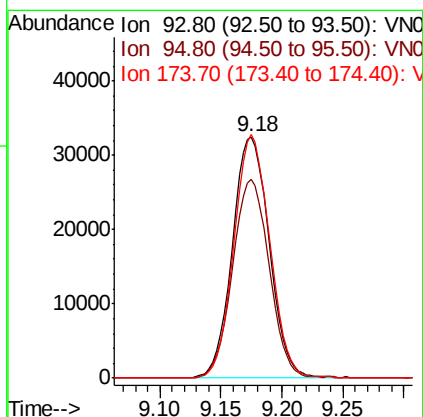
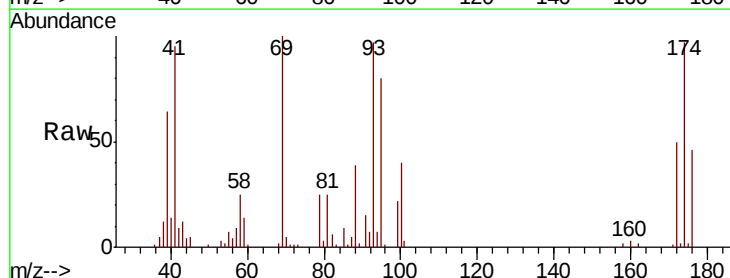
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion: 63 Resp: 96206
 Ion Ratio Lower Upper
 63 100
 65 31.4 25.1 37.7



#46
 Dibromomethane
 Concen: 48.971 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. 0.00 min
 Lab File: VN061834.D
 Acq: 16 Jun 2020 18:37

Tgt Ion: 93 Resp: 67856
 Ion Ratio Lower Upper
 93 100
 95 82.2 65.8 98.6
 174 98.1 78.5 117.7

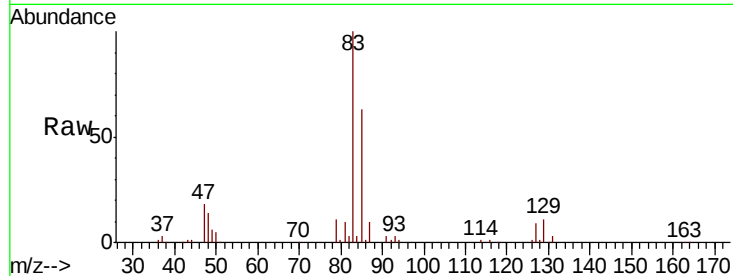




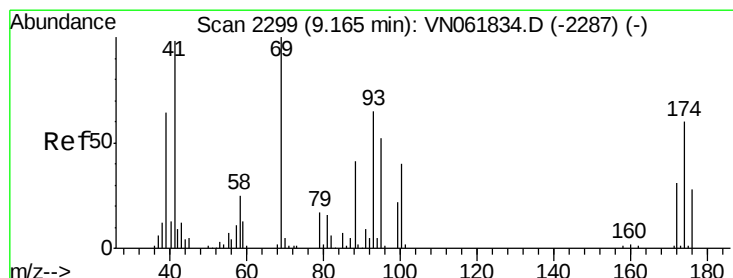
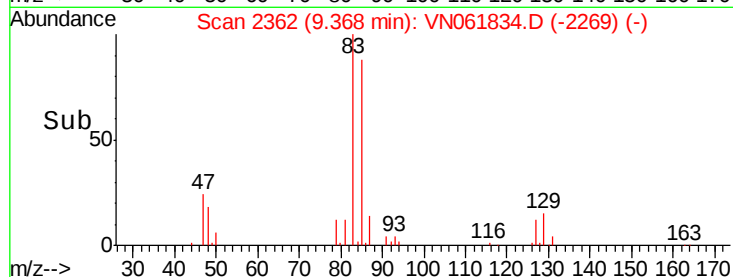
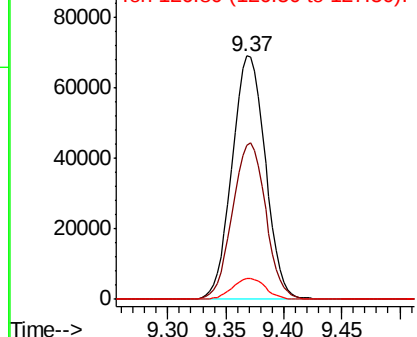
#47
Bromodichloromethane
Concen: 50.049 ug/l
RT: 9.37 min Scan# 2362
Delta R.T. 0.00 min
Lab File: VN061834.D
Acq: 16 Jun 2020 18:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion: 83 Resp: 137413
Ion Ratio Lower Upper
83 100
85 63.5 50.8 76.2
127 8.7 7.0 10.4

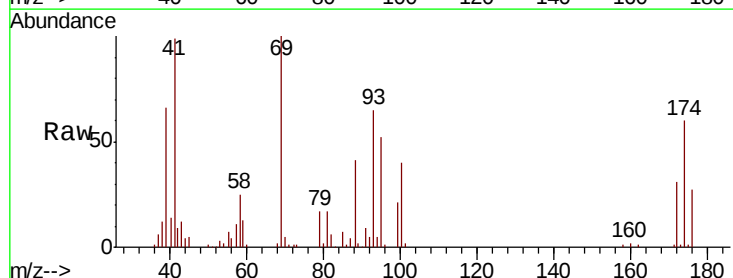


Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): VN0

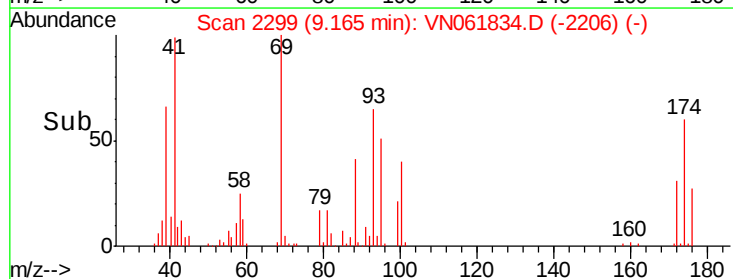
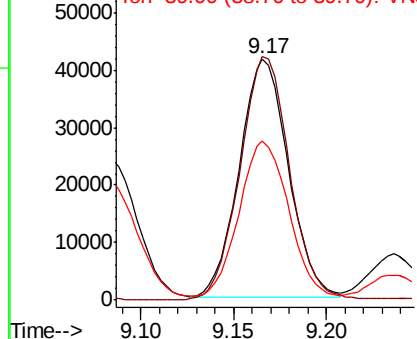


#48
Methyl methacrylate
Concen: 47.716 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. 0.00 min
Lab File: VN061834.D
Acq: 16 Jun 2020 18:37

Tgt Ion: 41 Resp: 76625
Ion Ratio Lower Upper
41 100
69 103.7 83.0 124.4
39 68.9 55.1 82.7



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 1318.084 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. 0.00 min

Lab File: VN061834.D

Acq: 16 Jun 2020 18:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

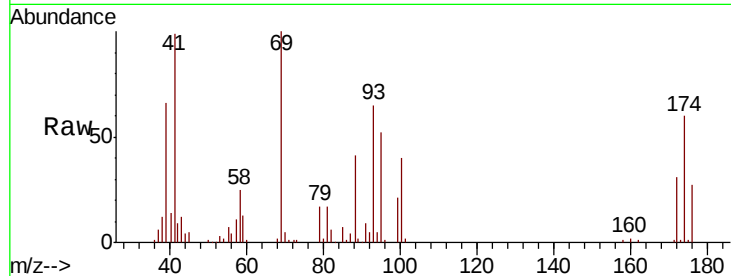
Tot Ion: 88 Resp: 35584

Ion Ratio Lower Upper

88 100

43 29.3 23.4 35.2

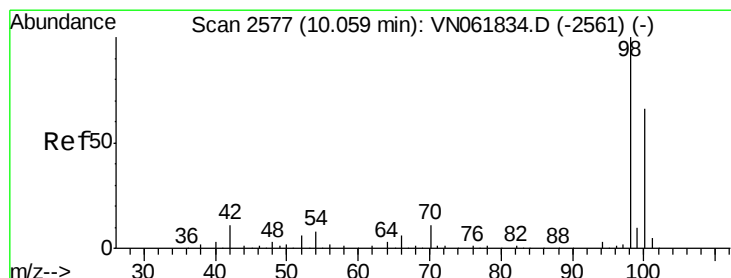
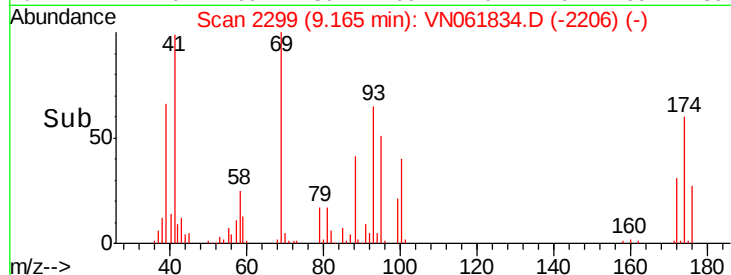
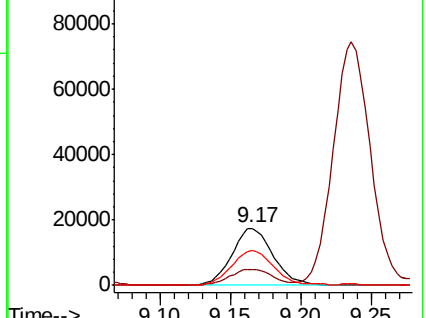
58 62.2 49.8 74.6



Abundance Ion 88.00 (87.70 to 88.70): VN061834.D (-2285) (-)

Ion 43.00 (42.70 to 43.70): VN061834.D (-2285) (-)

Ion 58.00 (57.70 to 58.70): VN061834.D (-2285) (-)



#50

Toluene-d8

Concen: 51.256 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN061834.D

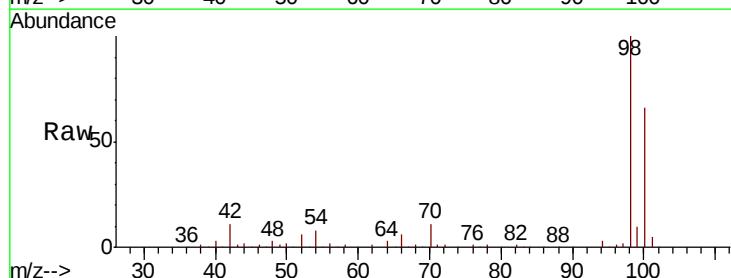
Acq: 16 Jun 2020 18:37

Tgt Ion: 98 Resp: 335782

Ion Ratio Lower Upper

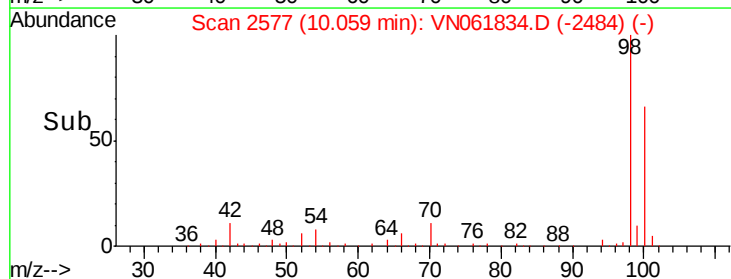
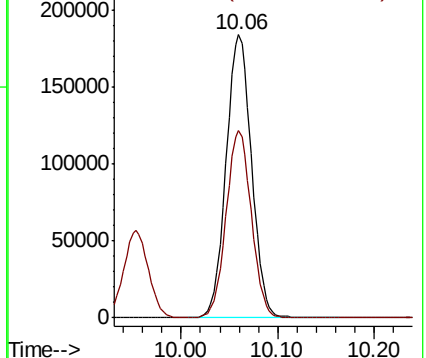
98 100

100 65.9 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VN061834.D (-2561) (-)

Ion 100.00 (99.70 to 100.70): VN061834.D (-2561) (-)





#51

4-Methyl-2-Pentanone

Concen: 252.219 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. 0.00 min

Lab File: VN061834.D

Acq: 16 Jun 2020 18:37

Instrument :

MSVOA_N

ClientSampleId :

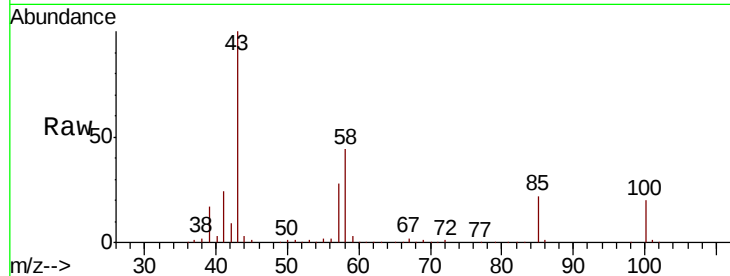
VSTDICCC050

Tot Ion: 43 Resp: 507478

Ion Ratio Lower Upper

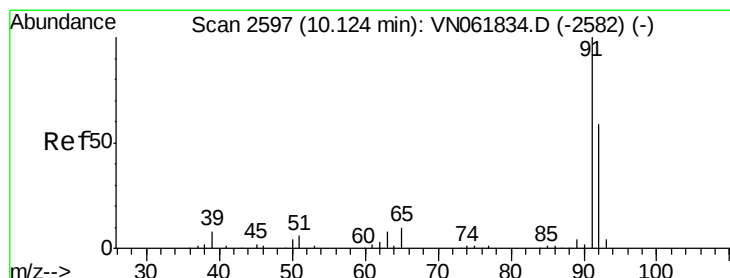
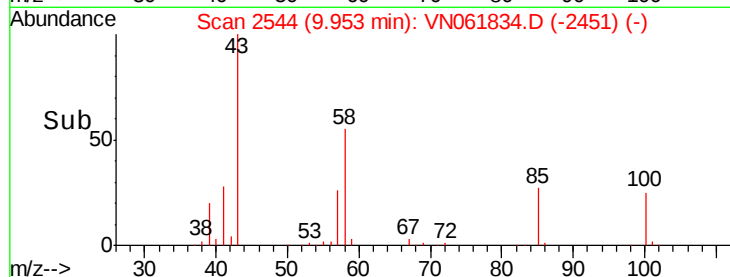
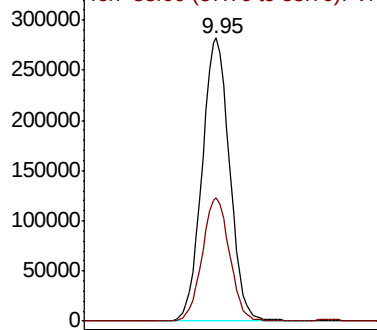
43 100

58 43.3 34.6 52.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 50.641 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. 0.00 min

Lab File: VN061834.D

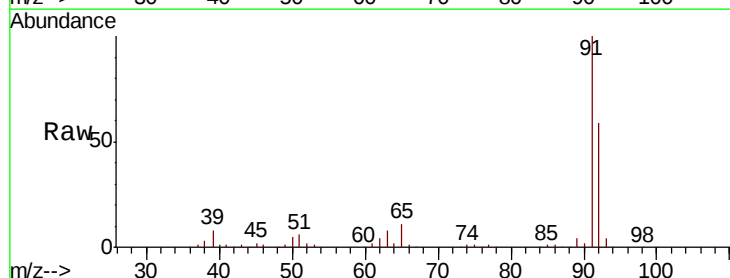
Acq: 16 Jun 2020 18:37

Tgt Ion: 92 Resp: 252118

Ion Ratio Lower Upper

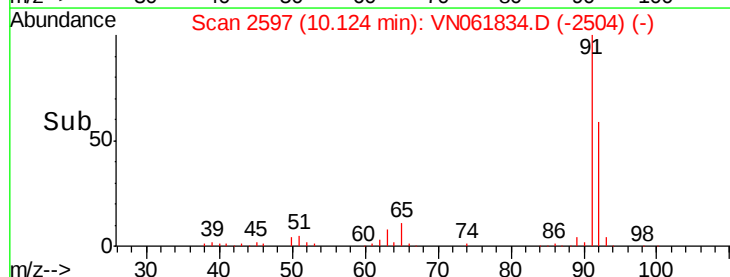
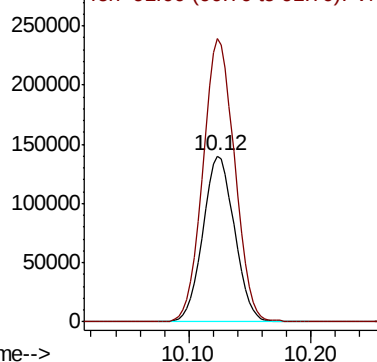
92 100

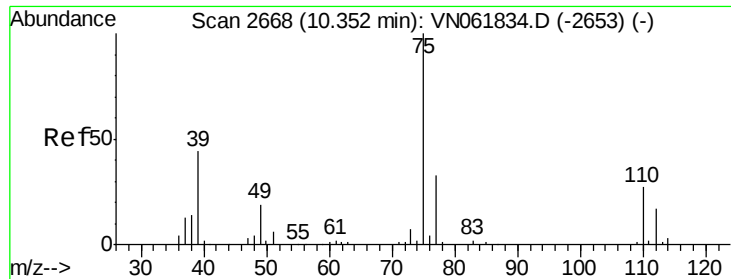
91 171.4 137.1 205.7



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

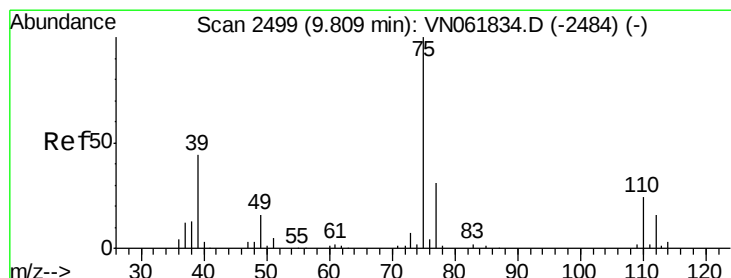
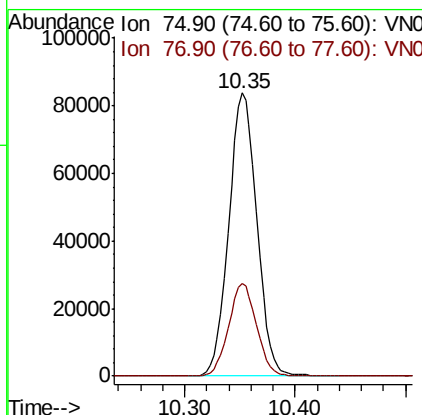
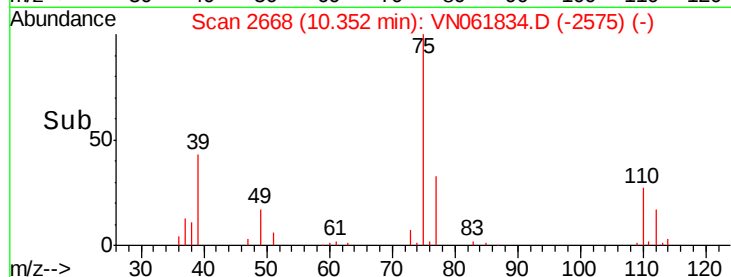
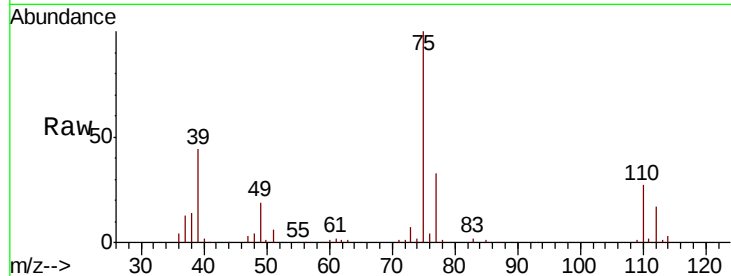




#53
t-1,3-Dichloropropene
Concen: 50.063 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. 0.00 min
Lab File: VN061834.D
Acq: 16 Jun 2020 18:37

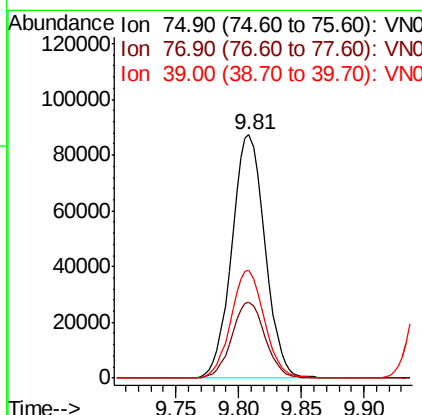
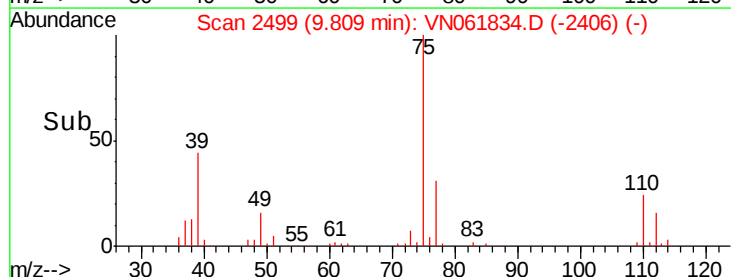
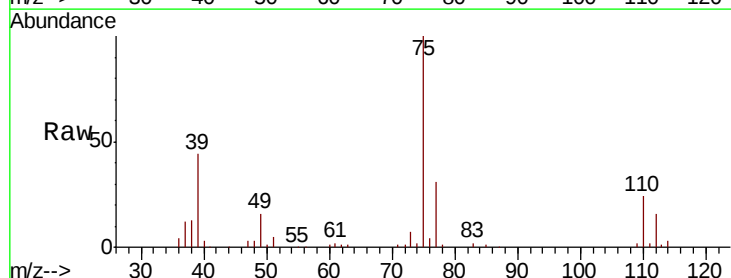
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

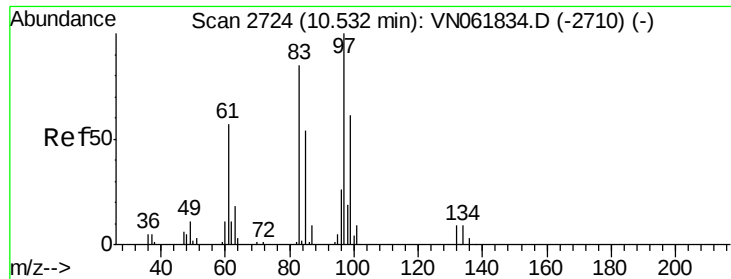
Tot Ion: 75 Resp: 147941
Ion Ratio Lower Upper
75 100
77 32.9 26.3 39.5



#54
cis-1,3-Dichloropropene
Concen: 50.375 ug/l
RT: 9.81 min Scan# 2499
Delta R.T. 0.00 min
Lab File: VN061834.D
Acq: 16 Jun 2020 18:37

Tgt Ion: 75 Resp: 160741
Ion Ratio Lower Upper
75 100
77 31.0 24.8 37.2
39 44.2 35.4 53.0





#55

1,1,2-Trichloroethane

Concen: 49.137 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. 0.00 min

Lab File: VN061834.D

Acq: 16 Jun 2020 18:37

Instrument :

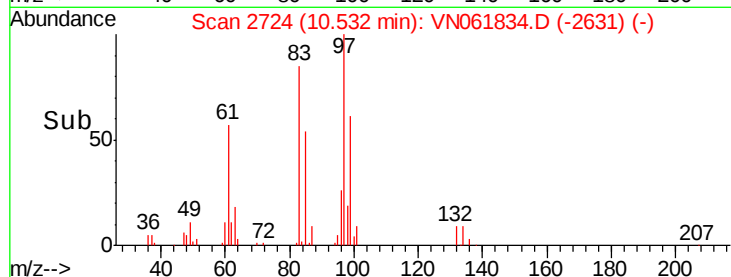
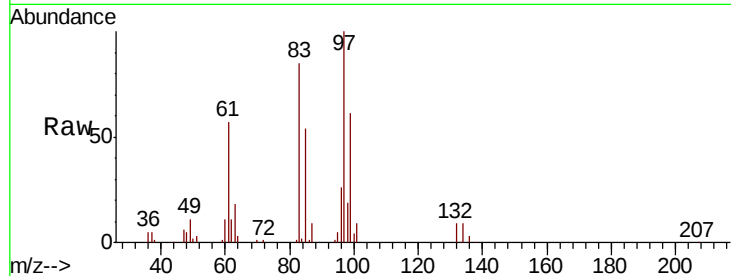
MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion: 97 Resp: 97256

Ion	Ratio	Lower	Upper
97	100		
83	84.6	67.7	101.5
85	54.2	43.4	65.0
99	61.0	48.8	73.2



Abundance

Ion 96.90 (96.60 to 97.60): VN0

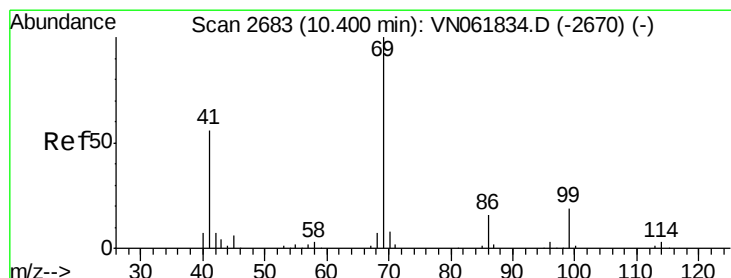
Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

10.53

Time-->



#56

Ethyl methacrylate

Concen: 49.557 ug/l

RT: 10.40 min Scan# 2683

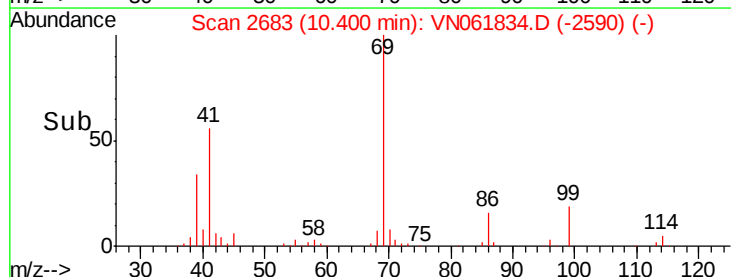
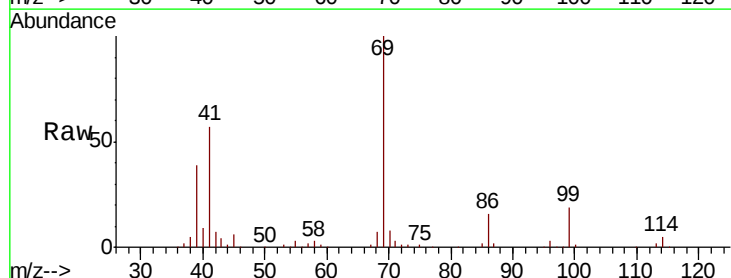
Delta R.T. 0.00 min

Lab File: VN061834.D

Acq: 16 Jun 2020 18:37

Tgt Ion: 69 Resp: 135951

Ion	Ratio	Lower	Upper
69	100		
41	56.1	44.9	67.3
39	37.5	30.0	45.0



Abundance

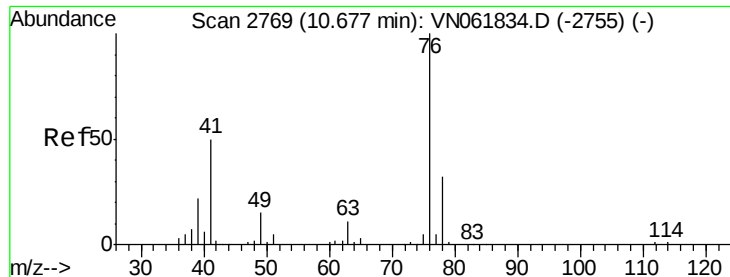
Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

10.40

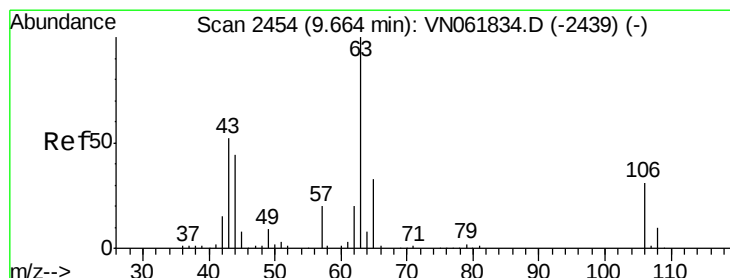
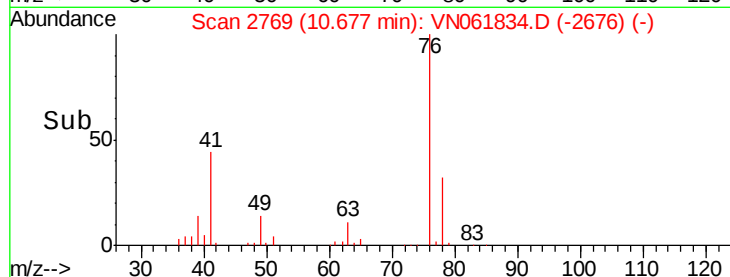
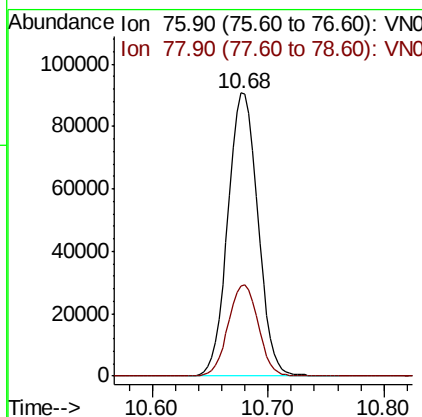
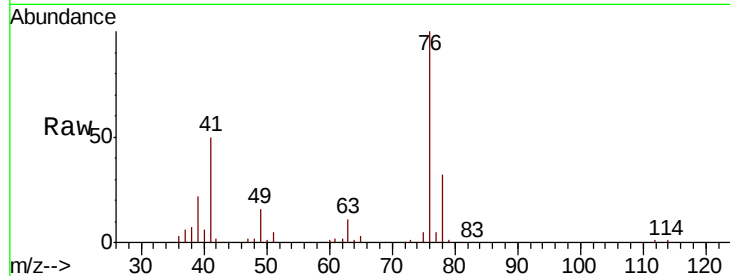
Time-->



#57
 1,3-Dichloropropane
 Concen: 51.309 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. 0.00 min
 Lab File: VN061834.D
 Acq: 16 Jun 2020 18:37

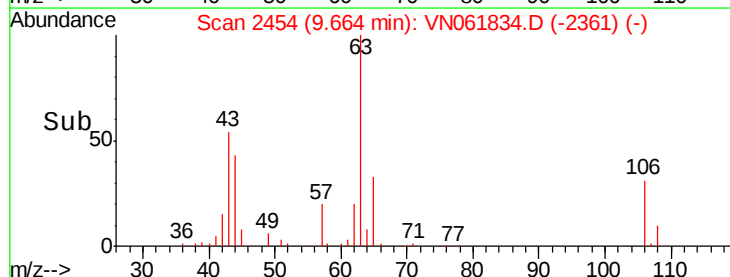
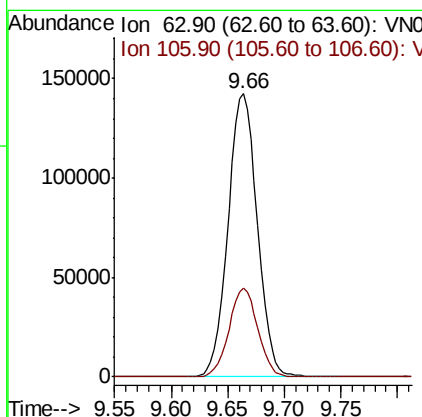
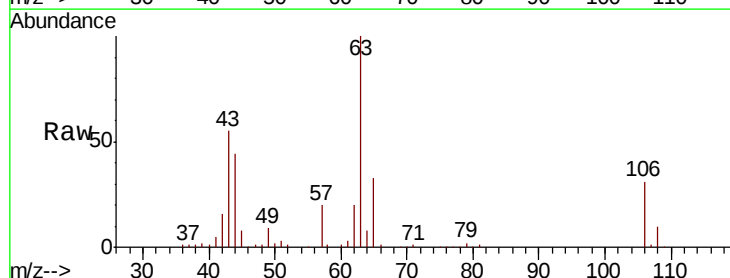
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

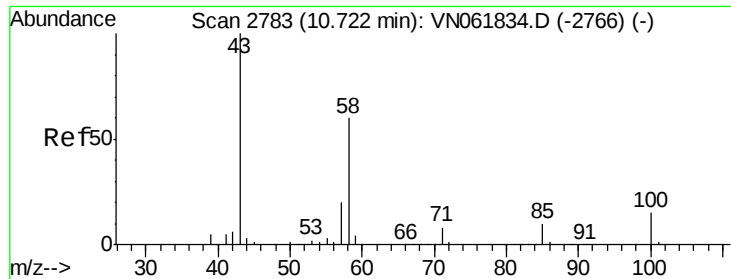
Tot Ion: 76 Resp: 163470
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 222.584 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN061834.D
 Acq: 16 Jun 2020 18:37

Tgt Ion: 63 Resp: 256737
 Ion Ratio Lower Upper
 63 100
 106 30.7 24.6 36.8

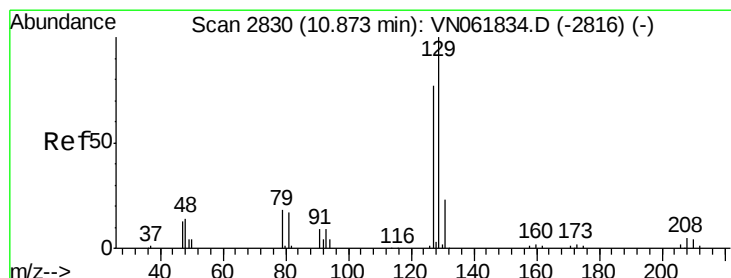
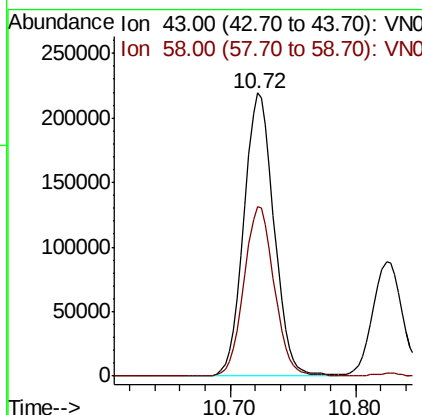
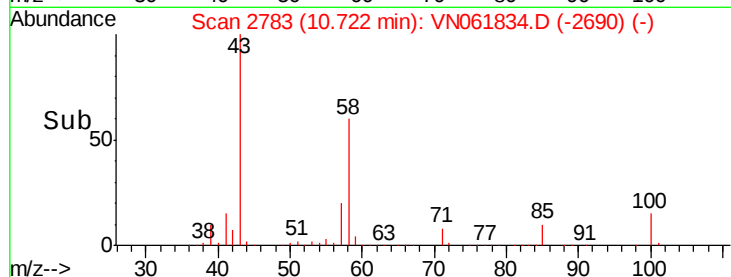
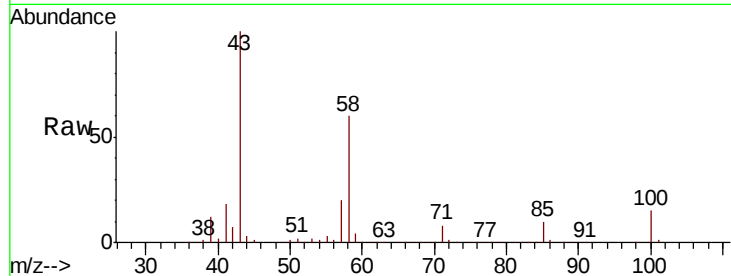




#59
2-Hexanone
Concen: 253.117 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN061834.D
Acq: 16 Jun 2020 18:37

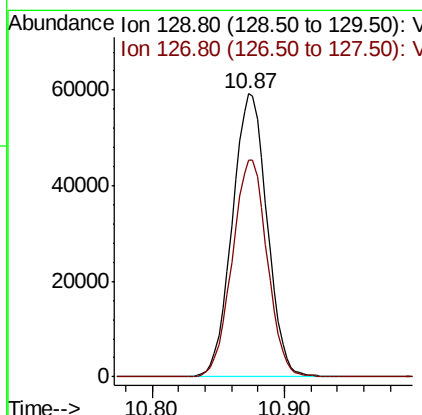
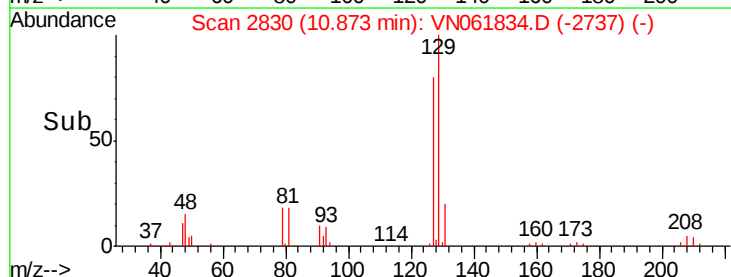
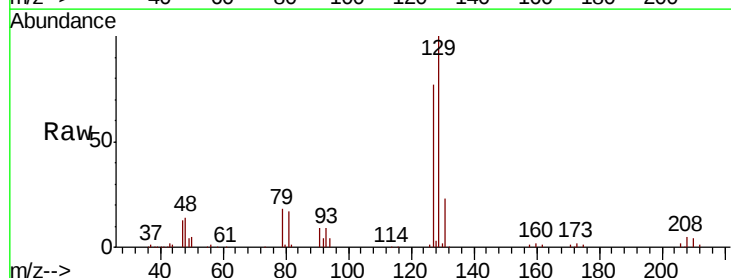
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion: 43 Resp: 365788
Ion Ratio Lower Upper
43 100
58 60.3 30.1 90.5



#60
Dibromochloromethane
Concen: 48.487 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. 0.00 min
Lab File: VN061834.D
Acq: 16 Jun 2020 18:37

Tgt Ion: 129 Resp: 107919
Ion Ratio Lower Upper
129 100
127 77.0 38.5 115.5

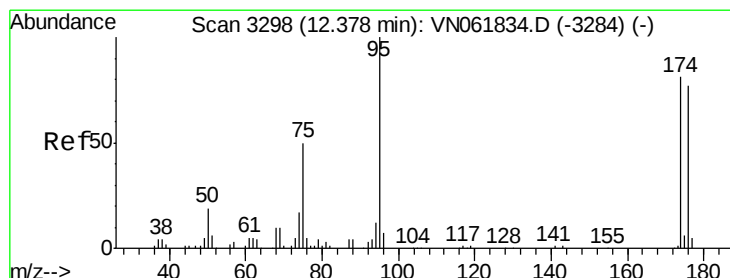
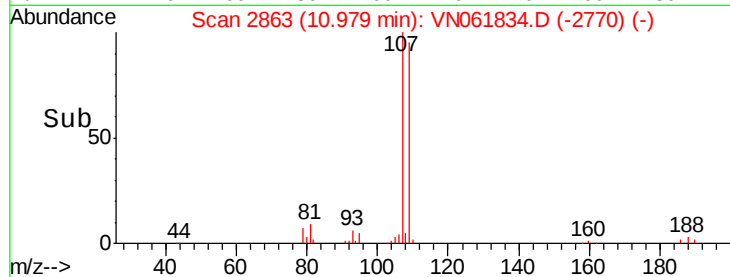
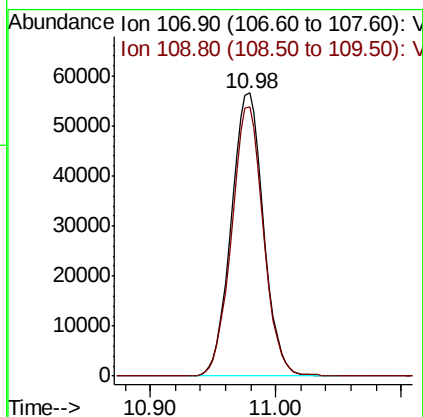
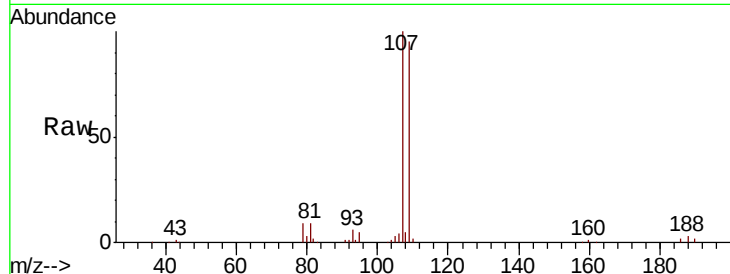




#61
 1,2-Dibromoethane
 Concen: 49.199 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: VN061834.D
 Acq: 16 Jun 2020 18:37

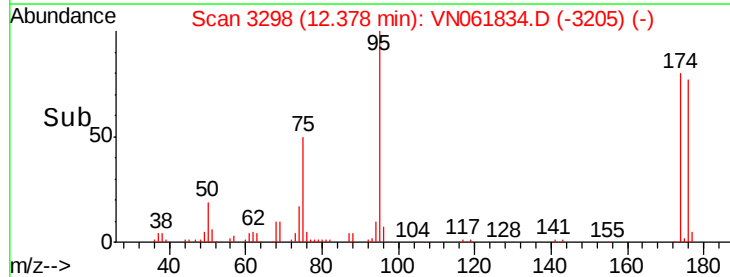
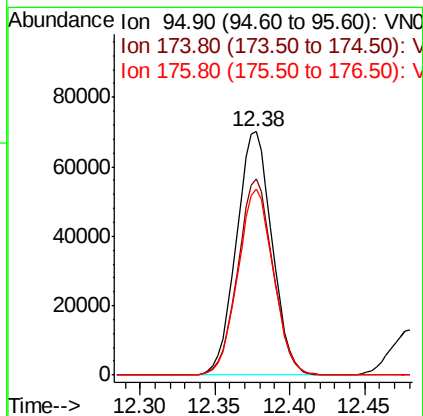
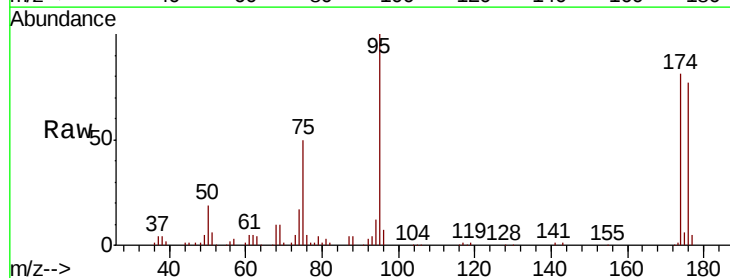
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion: 107 Resp: 101129
 Ion Ratio Lower Upper
 107 100
 109 93.8 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 49.030 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: VN061834.D
 Acq: 16 Jun 2020 18:37

Tgt Ion: 95 Resp: 116452
 Ion Ratio Lower Upper
 95 100
 174 79.3 0.0 158.6
 176 76.0 0.0 152.0

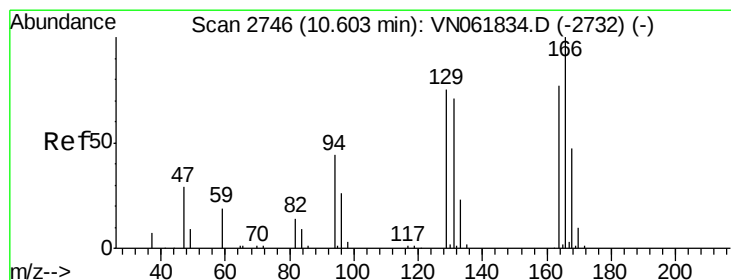
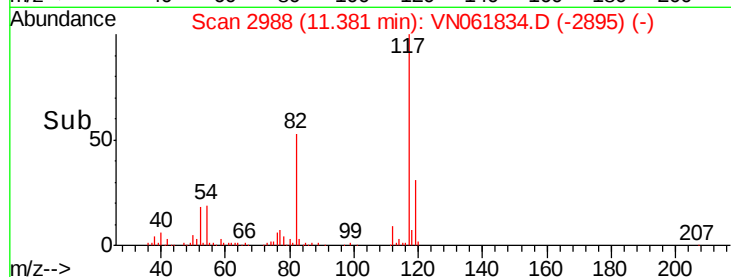
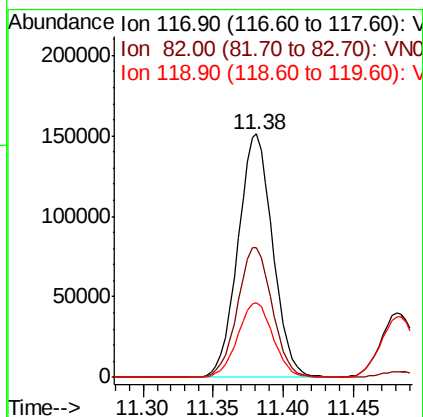
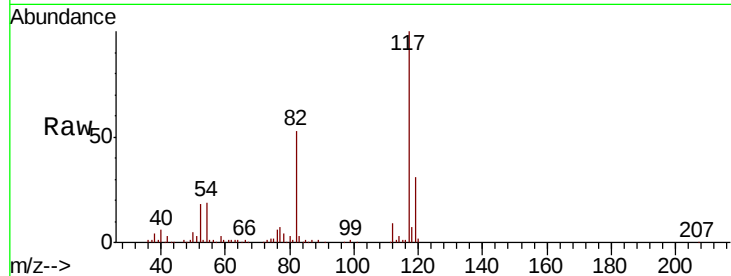




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061834.D
Acq: 16 Jun 2020 18:37

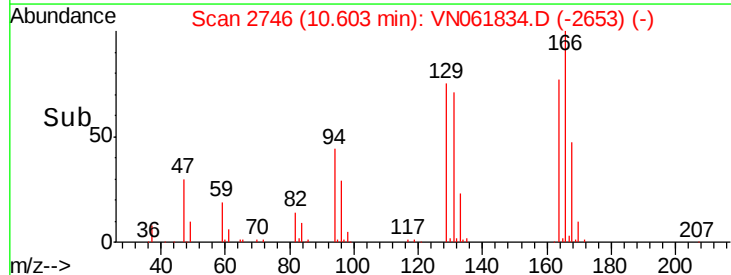
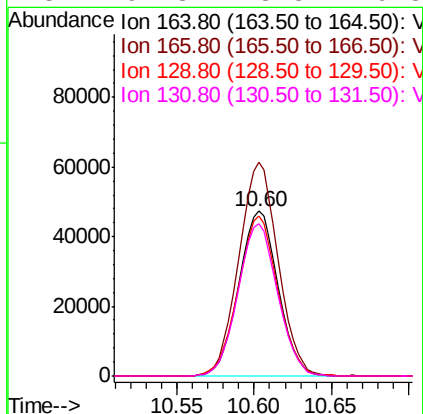
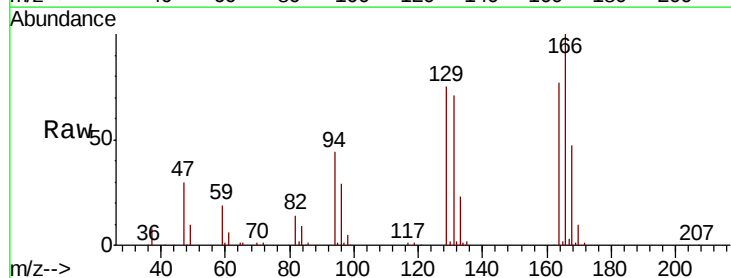
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion:117 Resp: 260468
Ion Ratio Lower Upper
117 100
82 53.3 42.6 64.0
119 30.9 24.7 37.1



#64
Tetrachloroethene
Concen: 35.888 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN061834.D
Acq: 16 Jun 2020 18:37

Tgt Ion:164 Resp: 83639
Ion Ratio Lower Upper
164 100
166 129.4 103.5 155.3
129 96.9 77.5 116.3
131 92.3 73.8 110.8

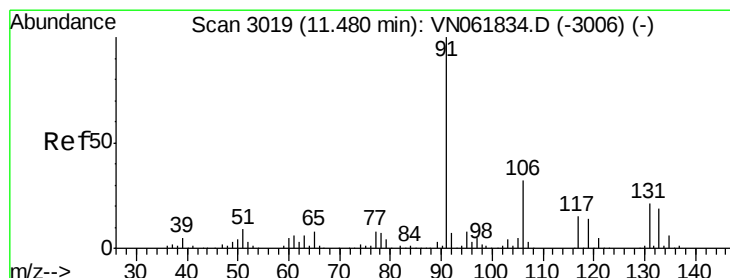
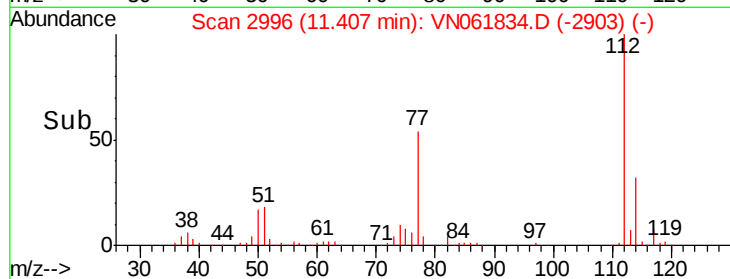
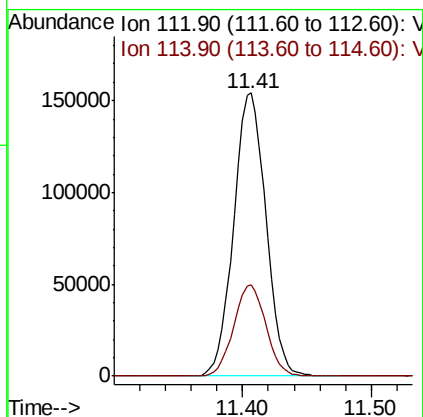
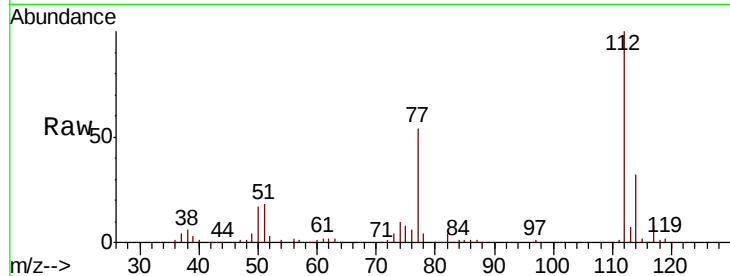




#65
Chlorobenzene
Concen: 49.320 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN061834.D
Acq: 16 Jun 2020 18:37

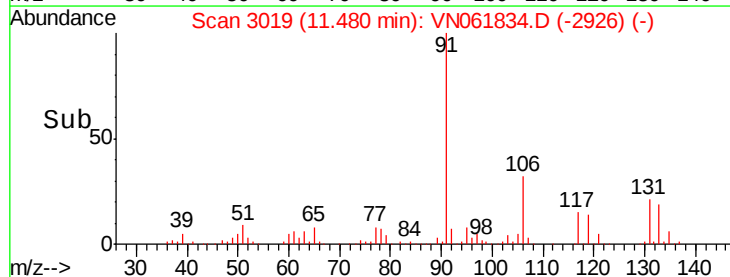
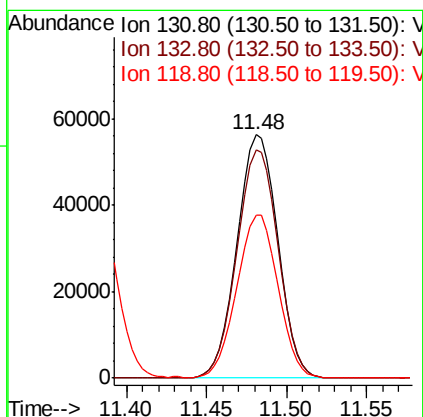
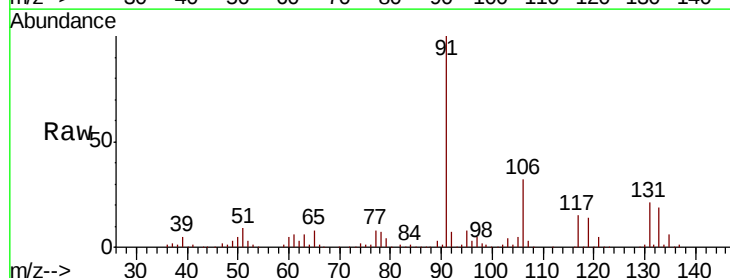
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion:112 Resp: 267928
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 48.643 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. 0.00 min
Lab File: VN061834.D
Acq: 16 Jun 2020 18:37

Tgt Ion:131 Resp: 97802
Ion Ratio Lower Upper
131 100
133 95.0 47.5 142.5
119 67.9 34.0 101.8

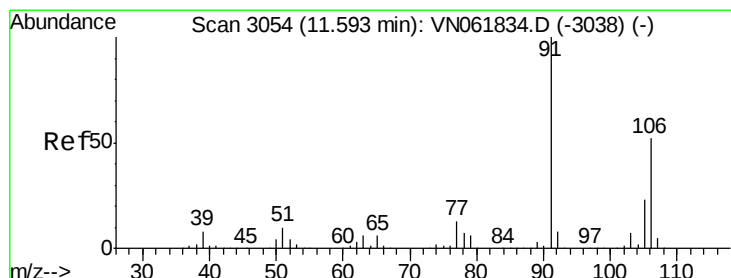
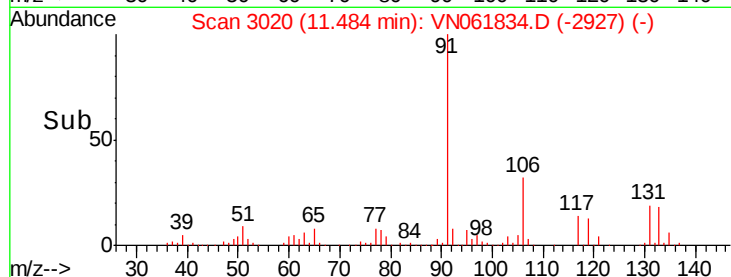
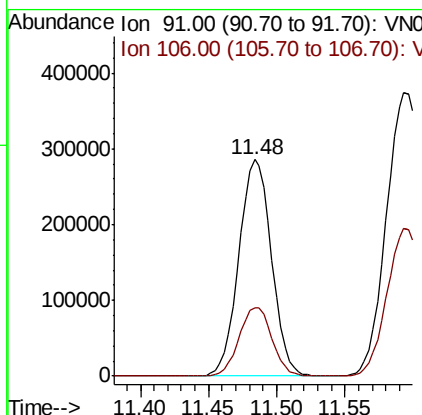
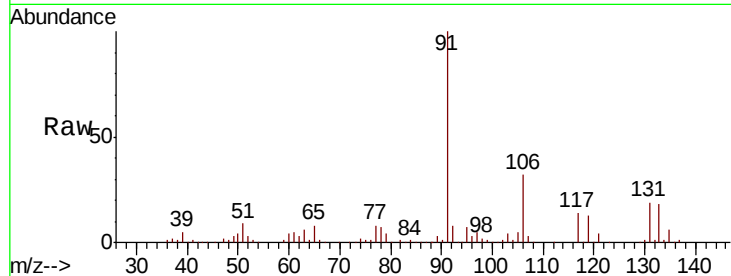




#67
Ethyl Benzene
Concen: 50.468 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN061834.D
Acq: 16 Jun 2020 18:37

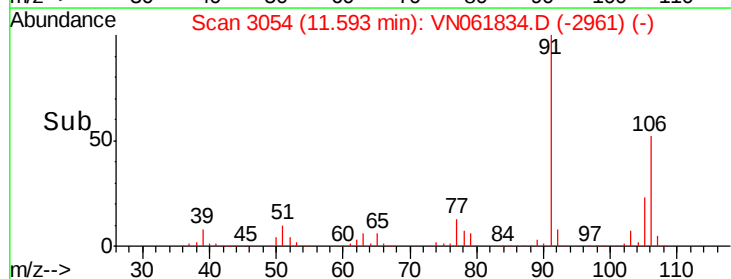
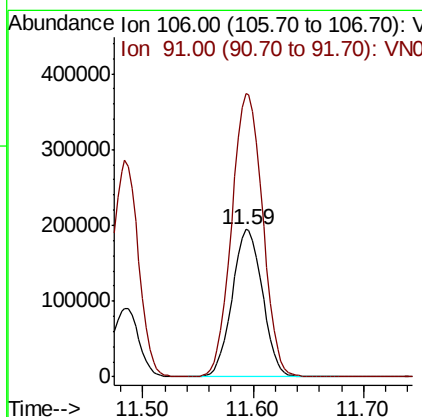
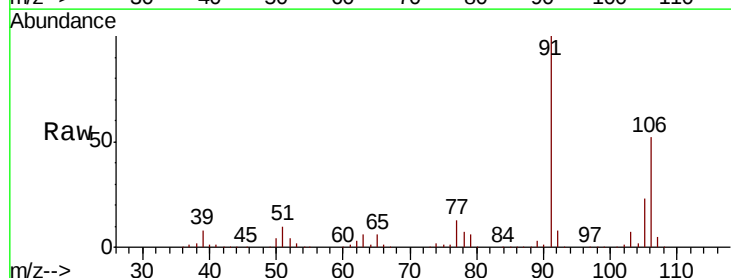
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

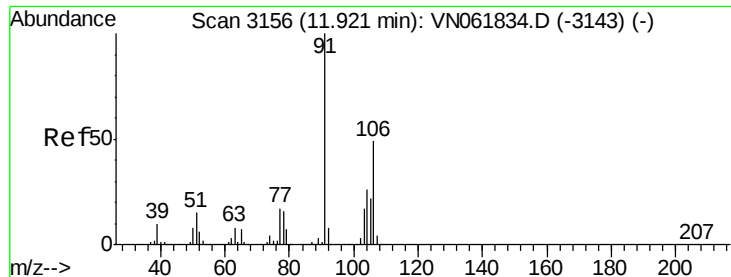
Tot Ion: 91 Resp: 474810
Ion Ratio Lower Upper
91 100
106 31.8 25.4 38.2



#68
m/p-Xylenes
Concen: 99.511 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN061834.D
Acq: 16 Jun 2020 18:37

Tgt Ion: 106 Resp: 369911
Ion Ratio Lower Upper
106 100
91 196.3 157.0 235.6

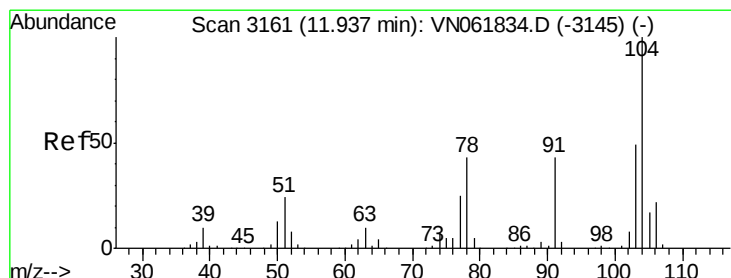
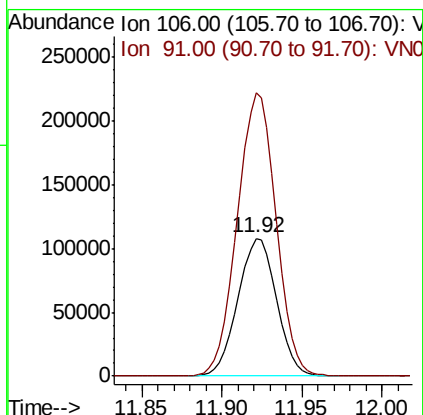
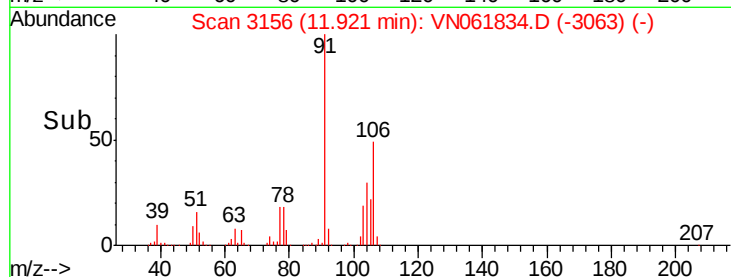
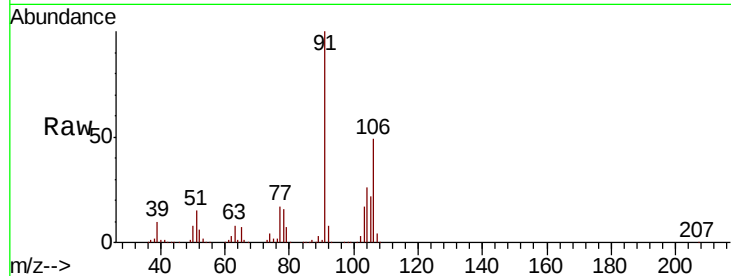




#69
o-Xylene
Concen: 50.468 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN061834.D
Acq: 16 Jun 2020 18:37

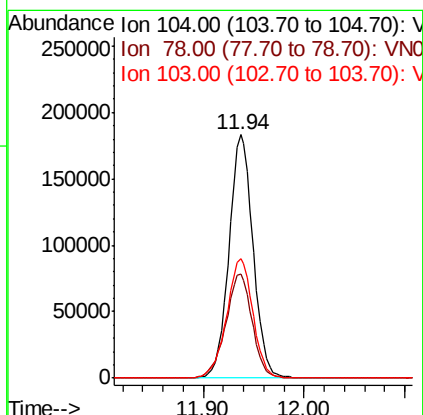
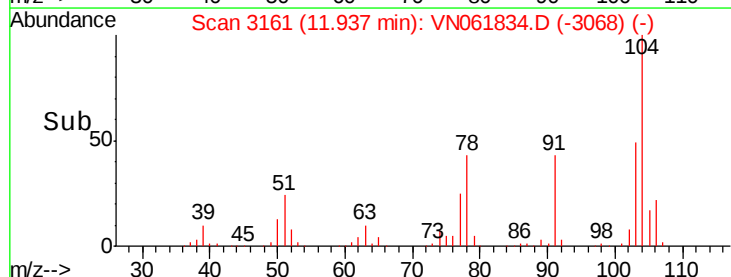
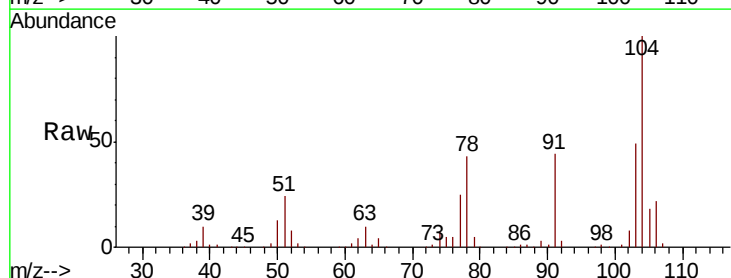
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

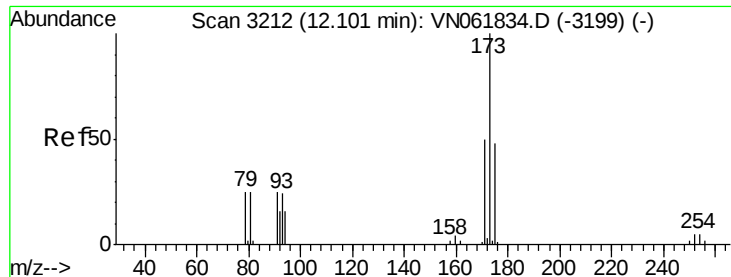
Tot Ion:106 Resp: 178408
Ion Ratio Lower Upper
106 100
91 205.9 103.0 308.9



#70
Styrene
Concen: 51.909 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN061834.D
Acq: 16 Jun 2020 18:37

Tgt Ion:104 Resp: 304204
Ion Ratio Lower Upper
104 100
78 47.0 37.6 56.4
103 53.7 43.0 64.4





#71

Bromoform

Concen: 47.601 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. 0.00 min

Lab File: VN061834.D

Acq: 16 Jun 2020 18:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

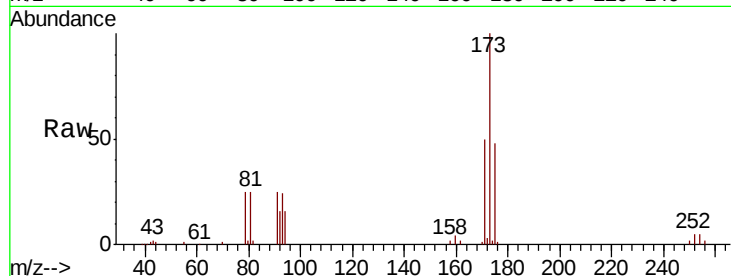
Tot Ion:173 Resp: 72935

Ion Ratio Lower Upper

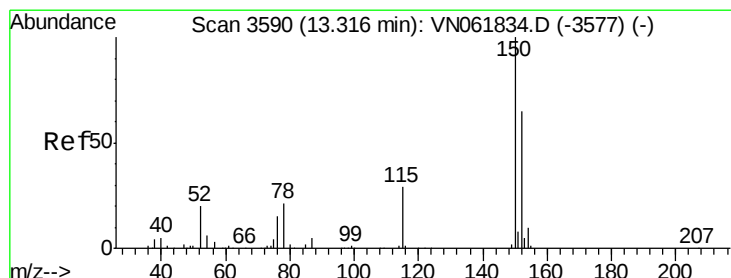
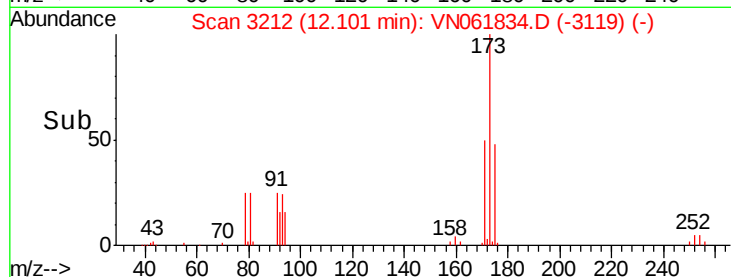
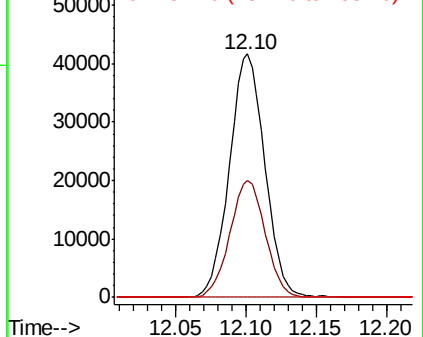
173 100

175 47.8 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# 3590

Delta R.T. 0.00 min

Lab File: VN061834.D

Acq: 16 Jun 2020 18:37

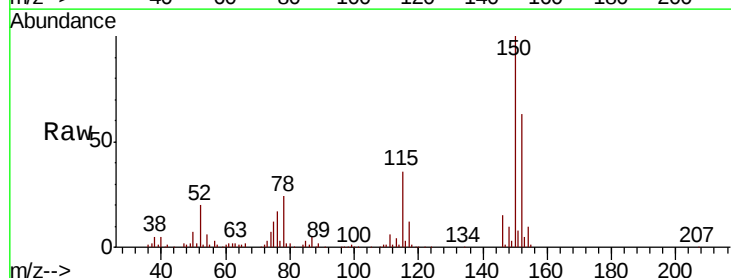
Tgt Ion:152 Resp: 128879

Ion Ratio Lower Upper

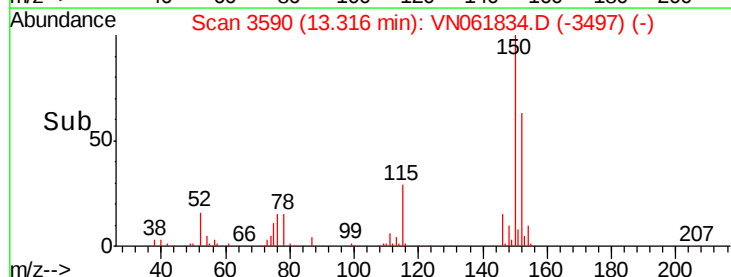
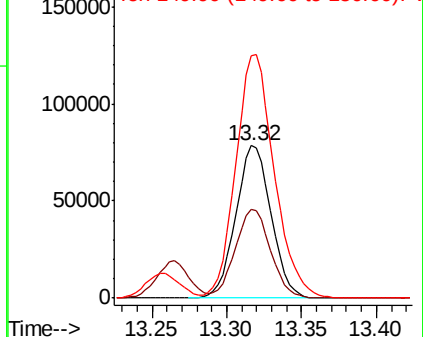
152 100

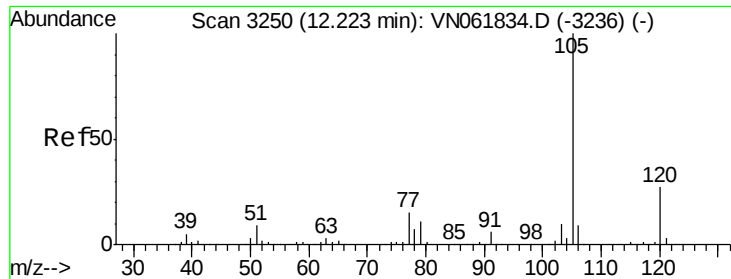
115 58.2 29.1 87.3

150 173.8 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: 49.236 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN061834.D

Acq: 16 Jun 2020 18:37

Instrument :

MSVOA_N

ClientSampleId :

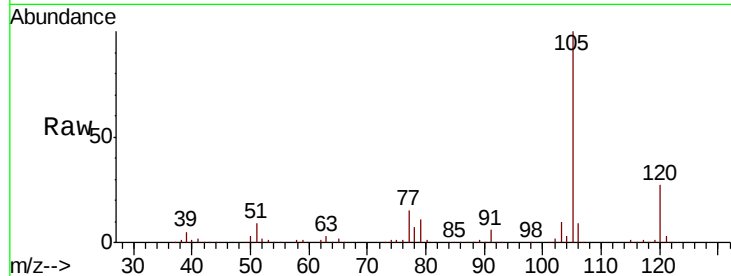
VSTDICCC050

Tot Ion:105 Resp: 466265

Ion Ratio Lower Upper

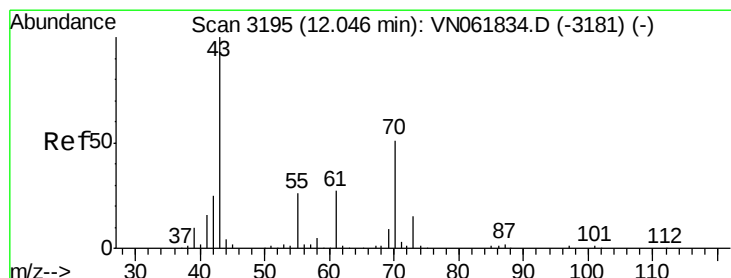
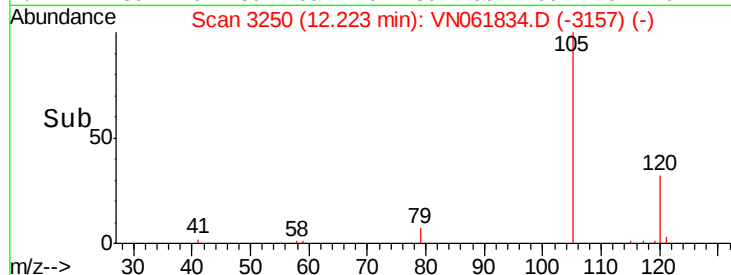
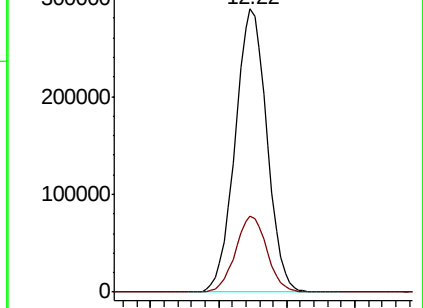
105 100

120 26.5 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.314 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN061834.D

Acq: 16 Jun 2020 18:37

Tgt Ion: 43 Resp: 153193

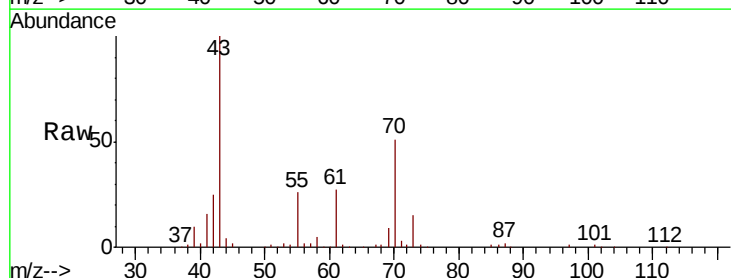
Ion Ratio Lower Upper

43 100

70 50.7 40.6 60.8

55 26.9 21.5 32.3

61 27.0 21.6 32.4

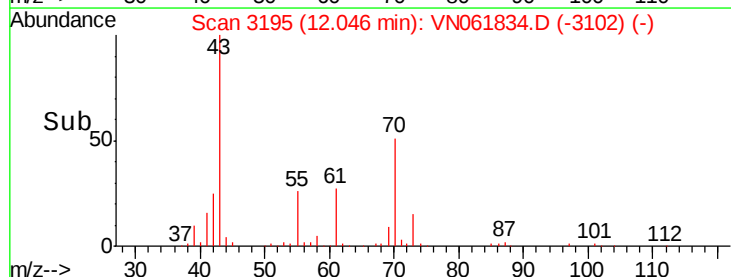
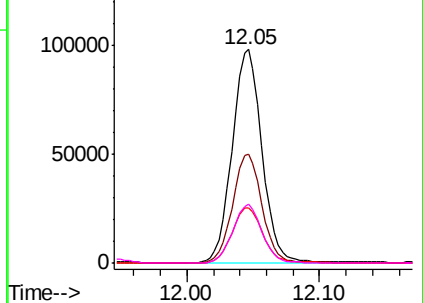


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 52.226 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN061834.D

Acq: 16 Jun 2020 18:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

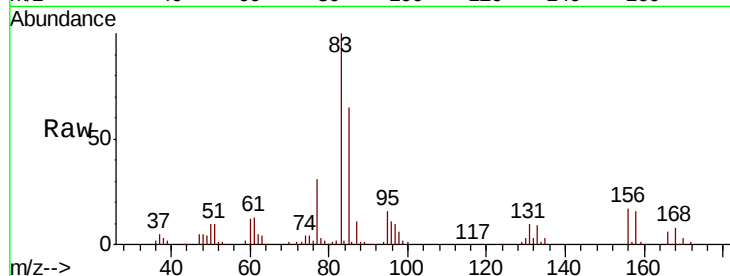
Tot Ion: 83 Resp: 140738

Ion Ratio Lower Upper

83 100

131 10.0 5.0 15.0

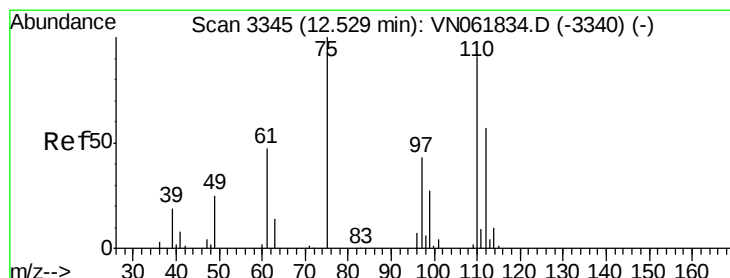
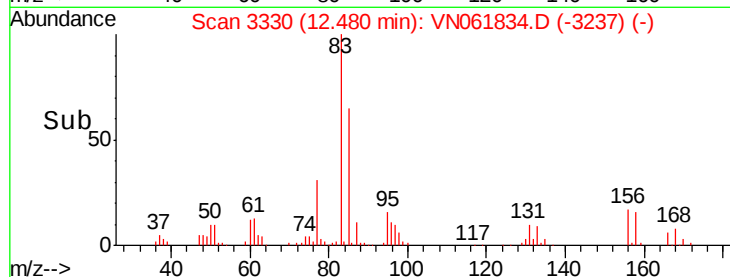
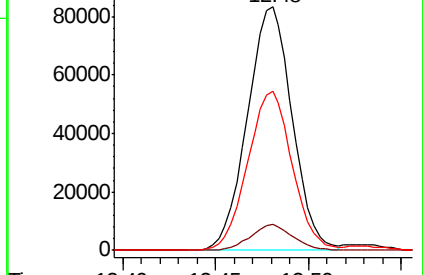
85 64.8 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VN061834.D (-3316) (-)

Ion 130.80 (130.50 to 131.50): VN061834.D (-3316) (-)

Ion 84.90 (84.60 to 85.60): VN061834.D (-3316) (-)



#76

1,2,3-Trichloropropane

Concen: 73.982 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN061834.D

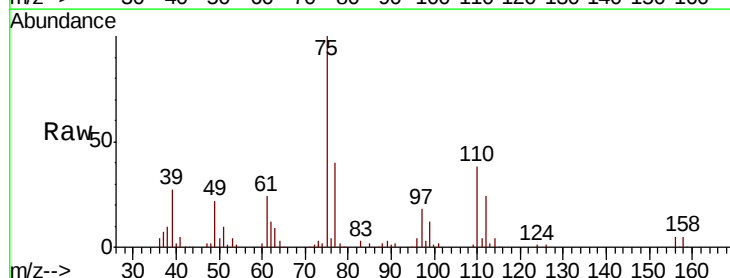
Acq: 16 Jun 2020 18:37

Tgt Ion: 75 Resp: 175463

Ion Ratio Lower Upper

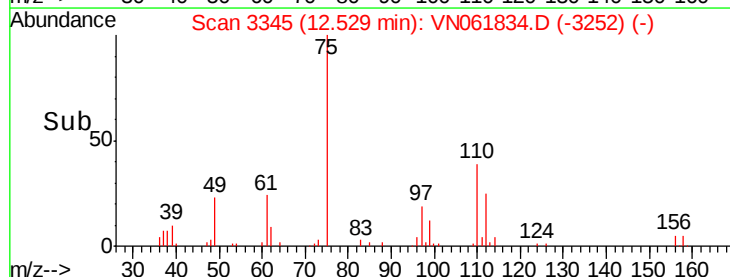
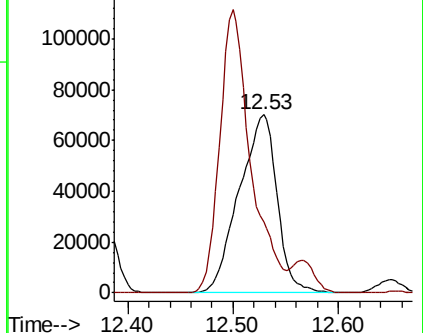
75 100

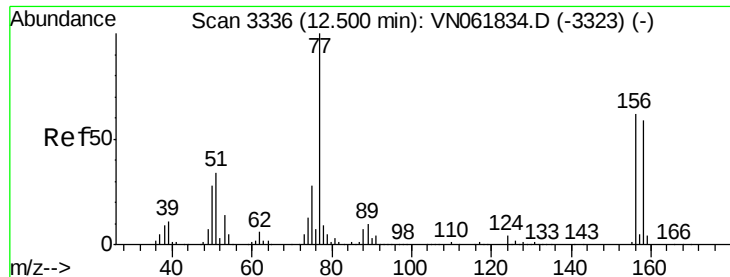
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN061834.D (-3340) (-)

Ion 77.00 (76.70 to 77.70): VN061834.D (-3340) (-)





#77

Bromobenzene

Concen: 47.386 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN061834.D

Acq: 16 Jun 2020 18:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

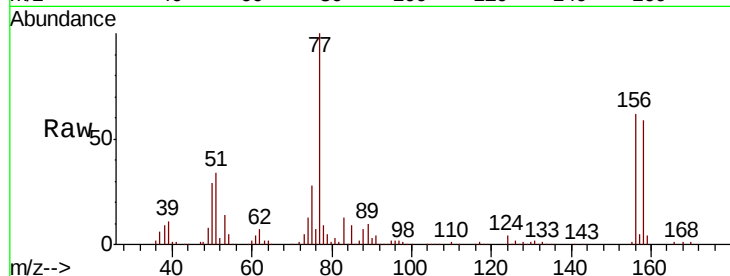
Tot Ion:156 Resp: 113474

Ion Ratio Lower Upper

156 100

77 201.4 100.7 302.1

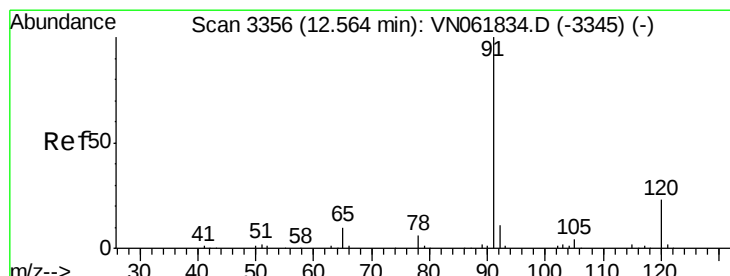
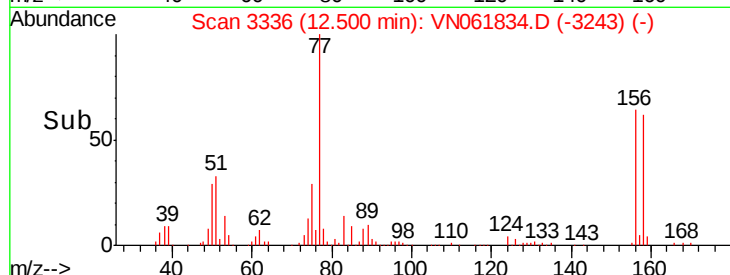
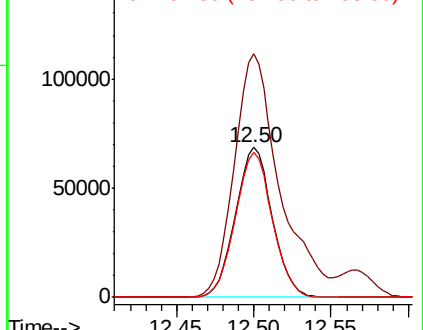
158 97.0 48.5 145.5



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: 49.912 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. 0.00 min

Lab File: VN061834.D

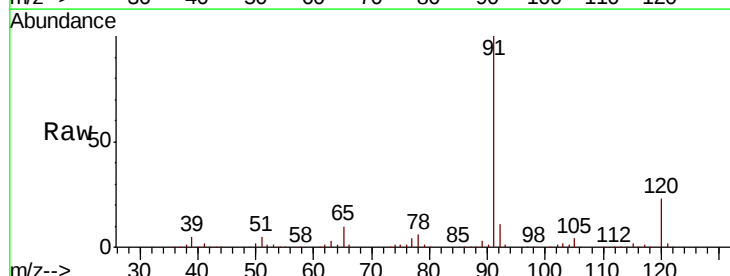
Acq: 16 Jun 2020 18:37

Tgt Ion: 91 Resp: 528810

Ion Ratio Lower Upper

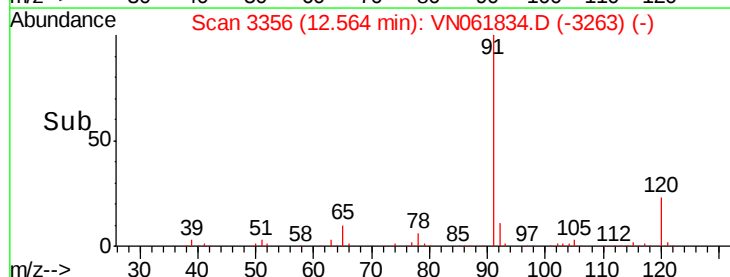
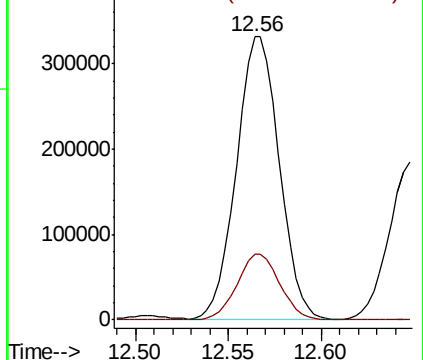
91 100

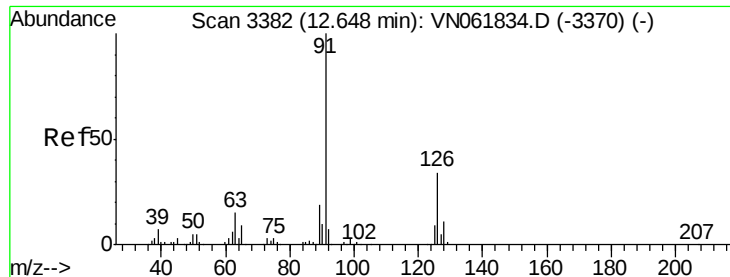
120 23.2 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.187 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. 0.00 min

Lab File: VN061834.D

Acq: 16 Jun 2020 18:37

Instrument :

MSVOA_N

ClientSampleId :

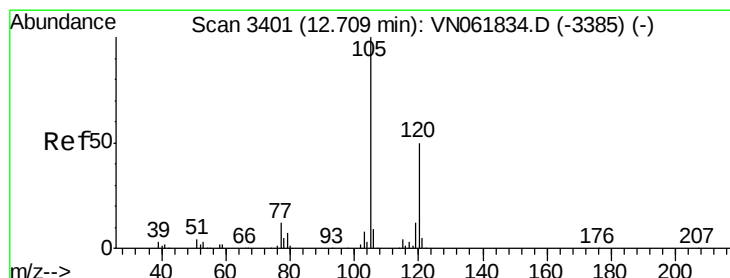
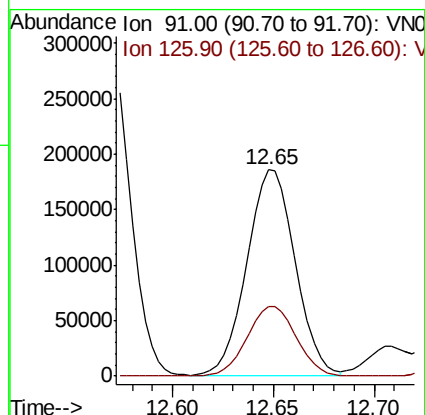
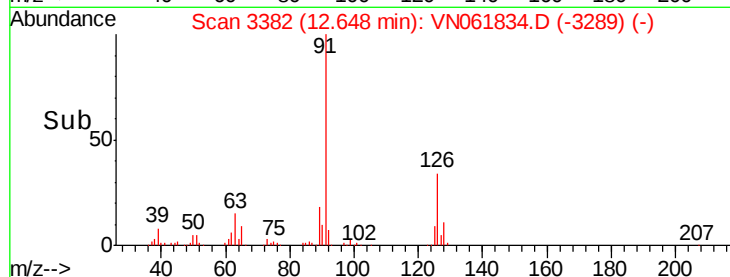
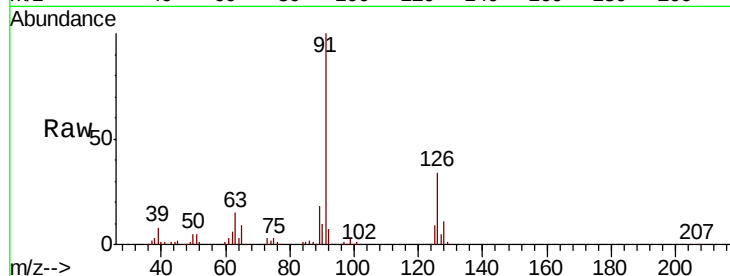
VSTDICCC050

Tot Ion: 91 Resp: 310622

Ion Ratio Lower Upper

91 100

126 34.5 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 49.520 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN061834.D

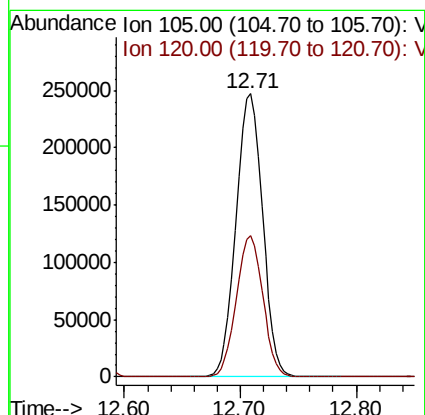
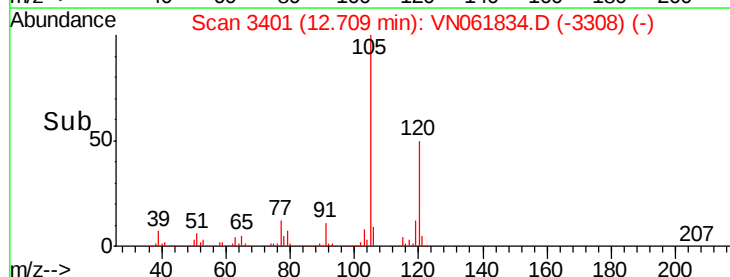
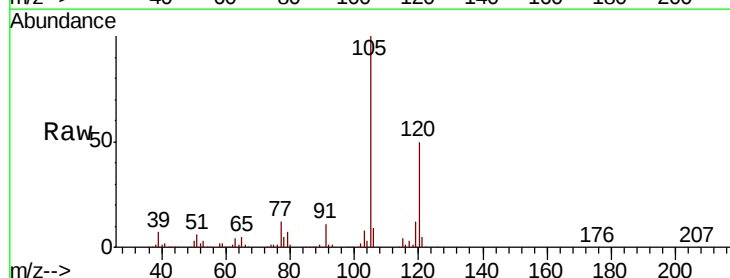
Acq: 16 Jun 2020 18:37

Tgt Ion: 105 Resp: 391374

Ion Ratio Lower Upper

105 100

120 49.8 24.9 74.7





#81

trans-1,4-Dichloro-2-butene

Concen: 49.729 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. 0.00 min

Lab File: VN061834.D

Acq: 16 Jun 2020 18:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

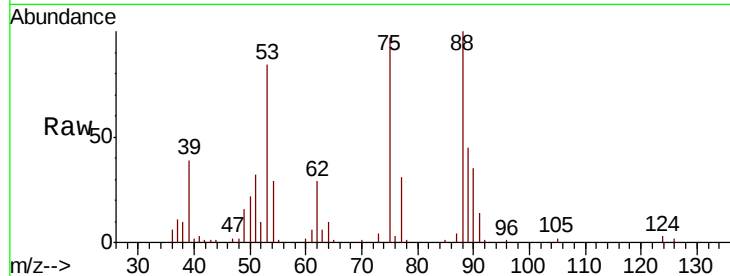
Tot Ion: 75 Resp: 45811

Ion Ratio Lower Upper

75 100

53 88.0 70.4 105.6

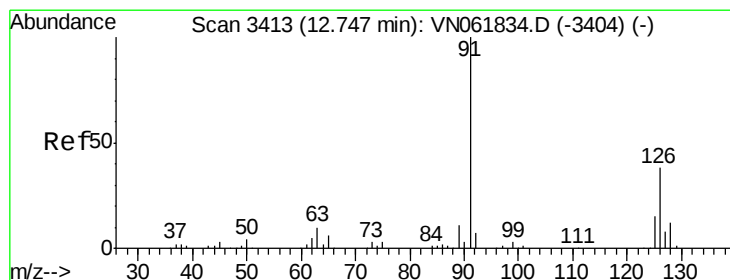
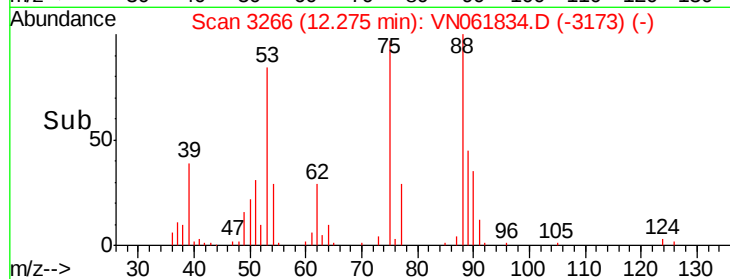
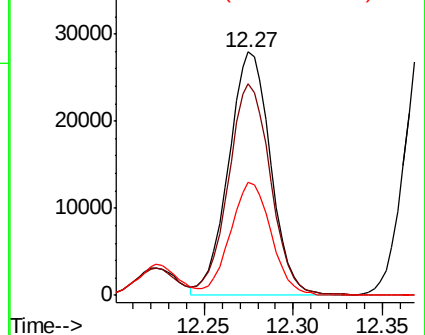
89 45.0 36.0 54.0



Abundance Ion 74.90 (74.60 to 75.60): VN061834.D (-3256) (-)

Ion 53.00 (52.70 to 53.70): VN061834.D (-3256) (-)

Ion 88.90 (88.60 to 89.60): VN061834.D (-3256) (-)



#82

4-Chlorotoluene

Concen: 49.069 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN061834.D

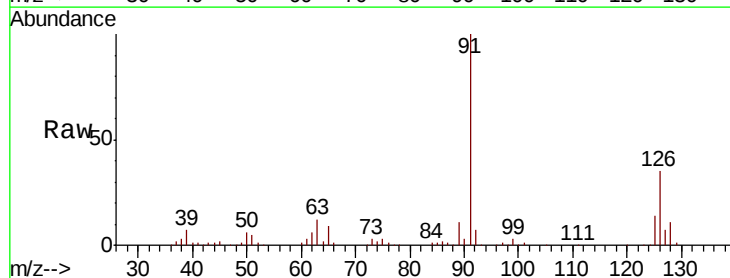
Acq: 16 Jun 2020 18:37

Tgt Ion: 91 Resp: 325510

Ion Ratio Lower Upper

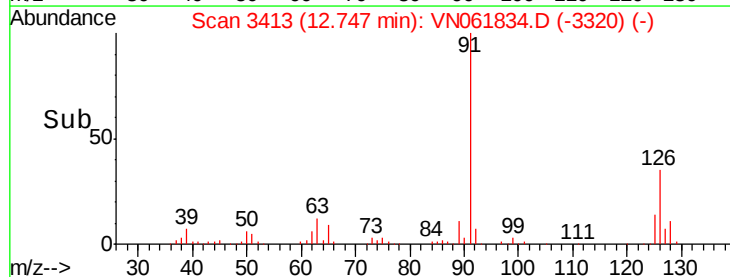
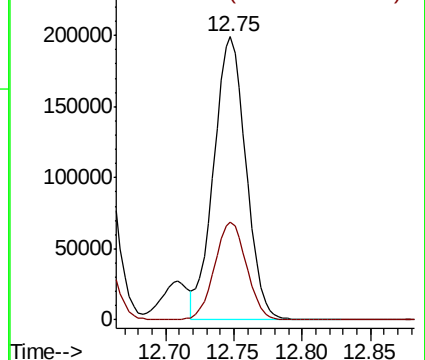
91 100

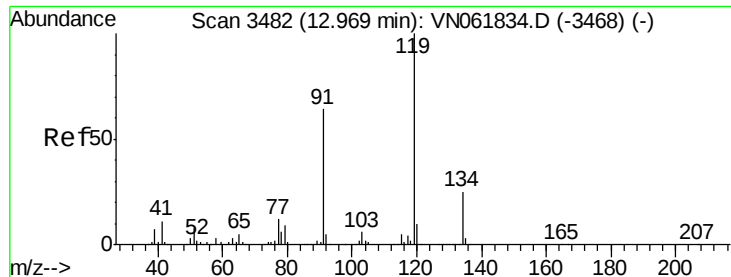
126 34.4 17.2 51.6



Abundance Ion 91.00 (90.70 to 91.70): VN061834.D (-3404) (-)

Ion 125.90 (125.60 to 126.60): VN061834.D (-3404) (-)

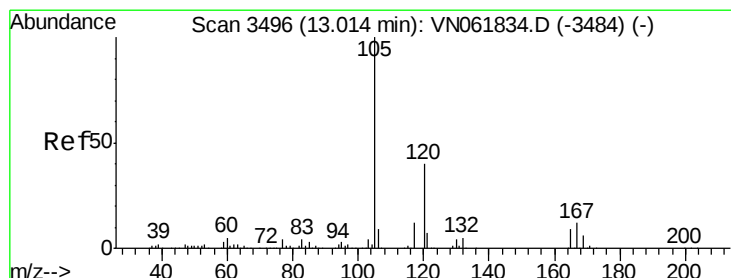
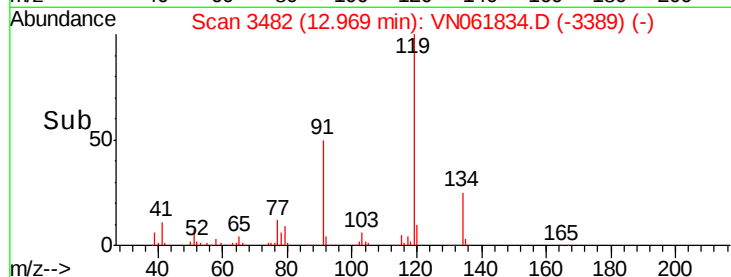
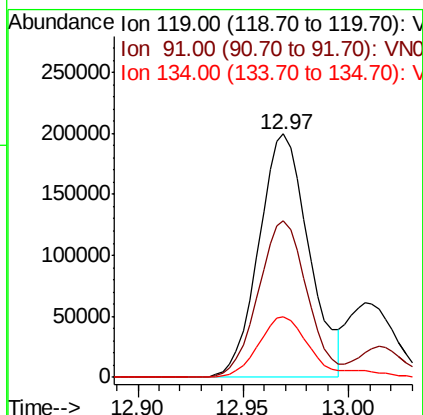
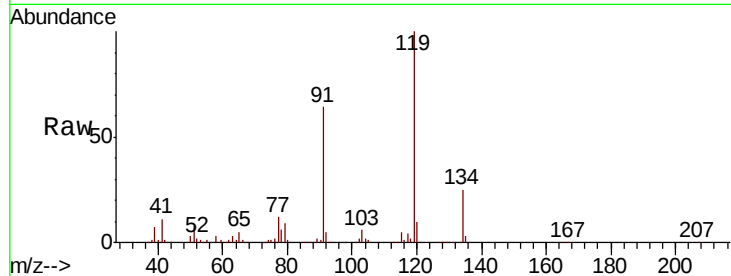




#83
 tert-Butylbenzene
 Concen: 47.370 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. 0.00 min
 Lab File: VN061834.D
 Acq: 16 Jun 2020 18:37

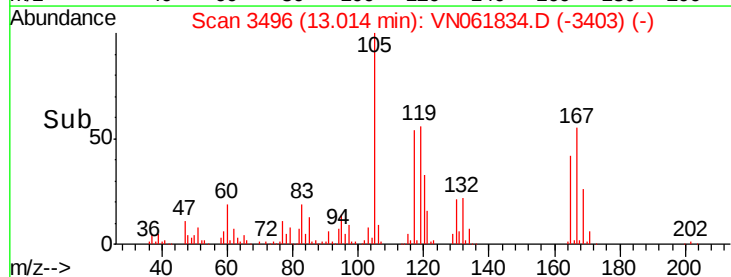
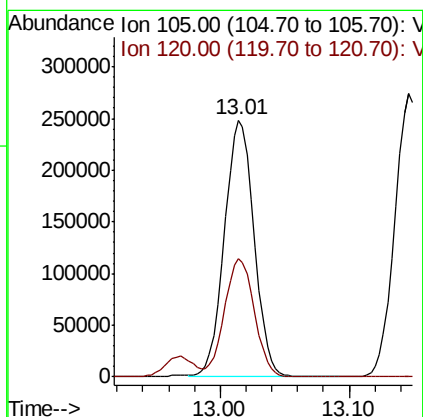
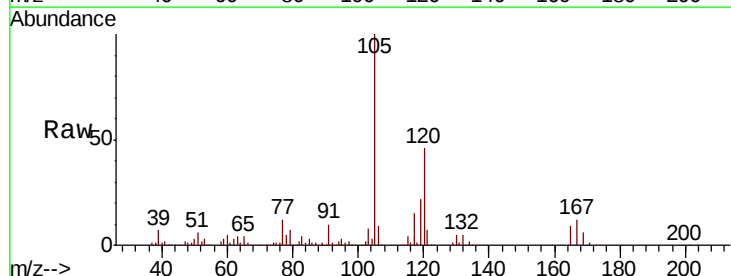
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

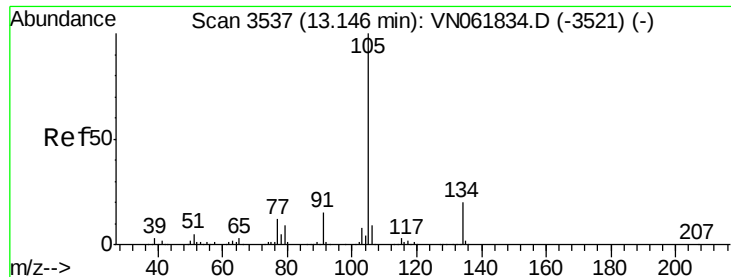
Tot Ion:119 Resp: 329188
 Ion Ratio Lower Upper
 119 100
 91 63.0 31.5 94.5
 134 26.6 13.3 39.9



#84
 1,2,4-Trimethylbenzene
 Concen: 50.251 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. 0.00 min
 Lab File: VN061834.D
 Acq: 16 Jun 2020 18:37

Tgt Ion:105 Resp: 394540
 Ion Ratio Lower Upper
 105 100
 120 46.6 23.3 69.9

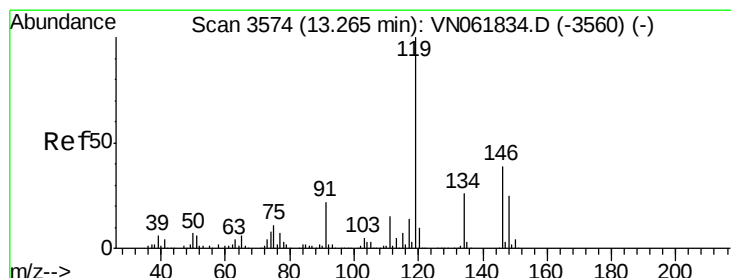
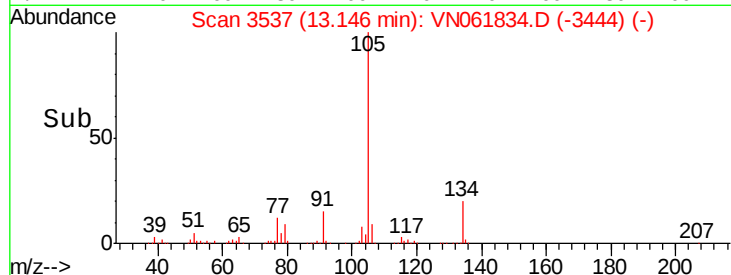
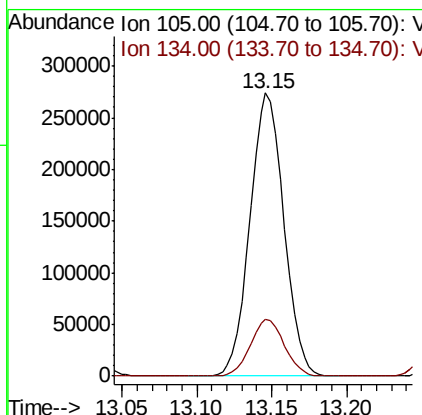
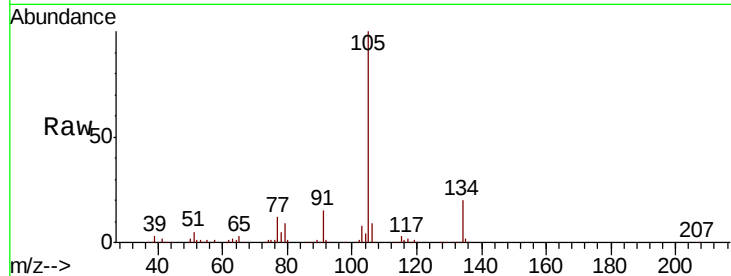




#85
 sec-Butylbenzene
 Concen: 48.046 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. 0.00 min
 Lab File: VN061834.D
 Acq: 16 Jun 2020 18:37

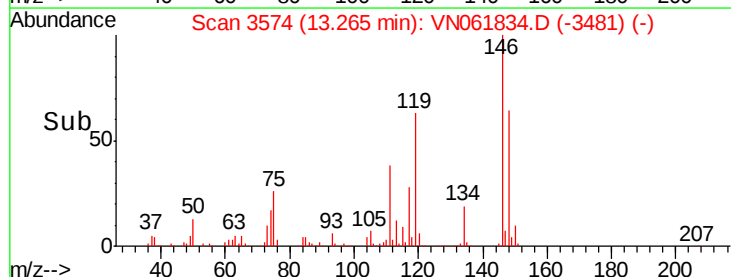
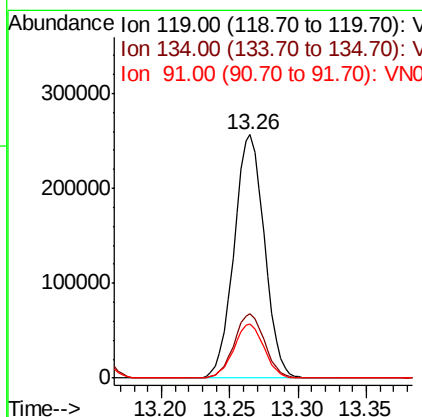
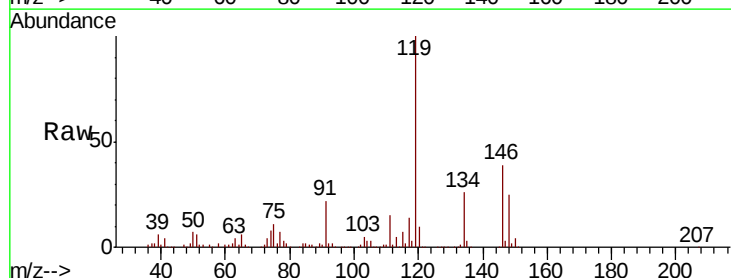
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

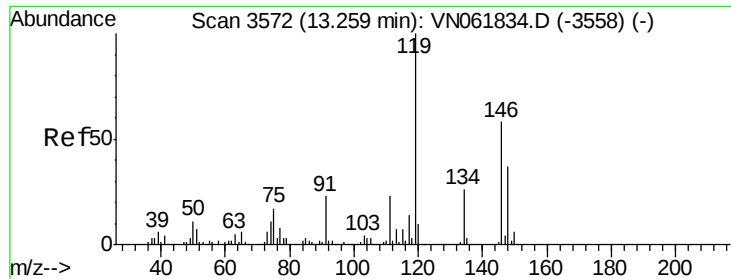
Tot Ion:105 Resp: 430430
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 47.997 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. 0.00 min
 Lab File: VN061834.D
 Acq: 16 Jun 2020 18:37

Tgt Ion:119 Resp: 394868
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.3 39.9
 91 22.4 11.2 33.6





#87

1,3-Dichlorobenzene

Concen: 49.338 ug/l

RT: 13.26 min Scan# 3572

Delta R.T. 0.00 min

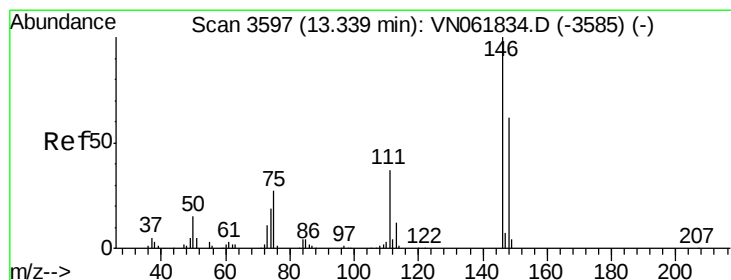
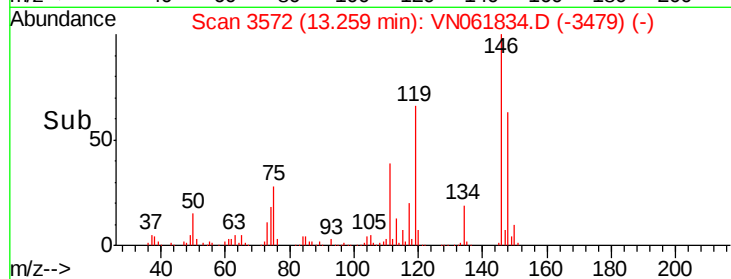
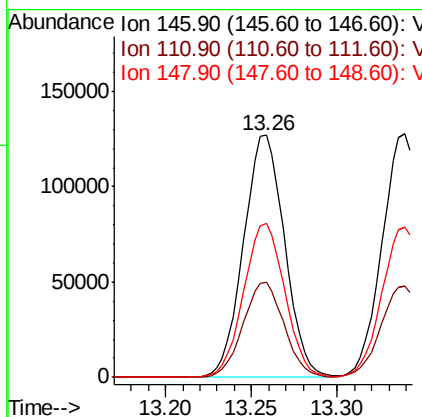
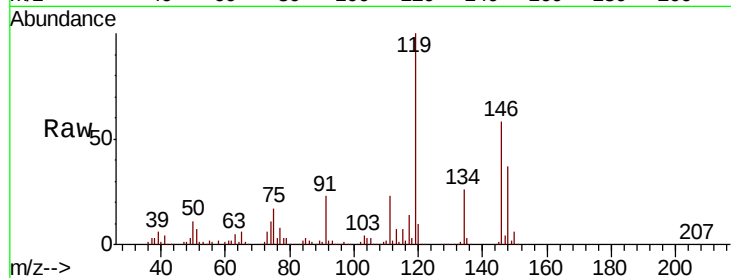
Lab File: VN061834.D

Acq: 16 Jun 2020 18:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion:146 Resp: 210713

Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.6	58.8
148	63.6	31.8	95.4



#88

1,4-Dichlorobenzene

Concen: 48.598 ug/l

RT: 13.34 min Scan# 3597

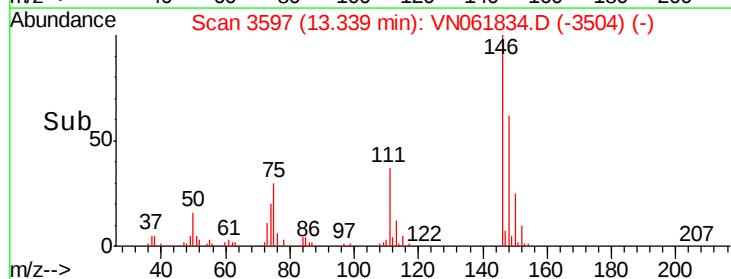
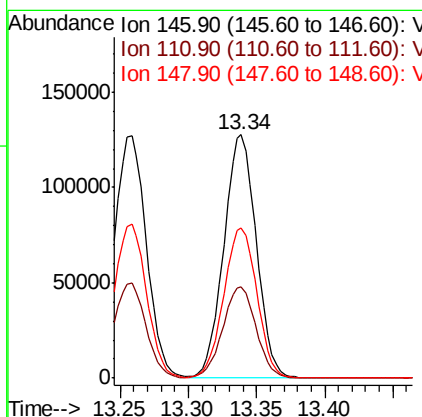
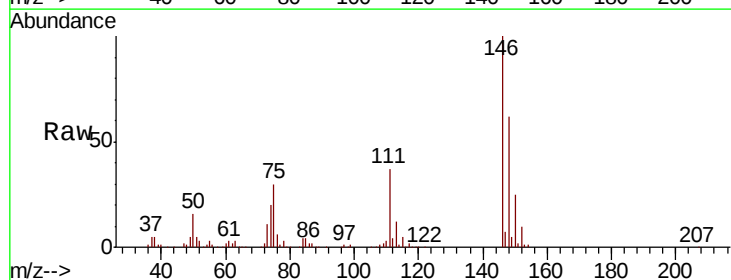
Delta R.T. 0.00 min

Lab File: VN061834.D

Acq: 16 Jun 2020 18:37

Tgt Ion:146 Resp: 211192

Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.3	57.8
148	63.1	31.6	94.7





#89

n-Butylbenzene

Concen: 47.099 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. 0.00 min

Lab File: VN061834.D

Acq: 16 Jun 2020 18:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

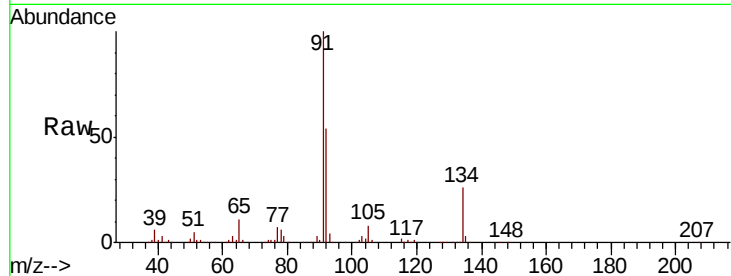
Tot Ion: 91 Resp: 323592

Ion Ratio Lower Upper

91 100

92 53.9 27.0 80.8

134 26.0 13.0 39.0

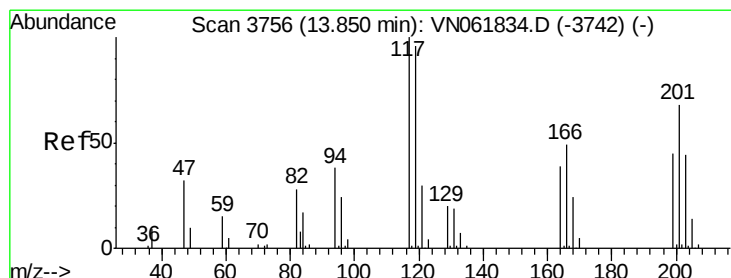
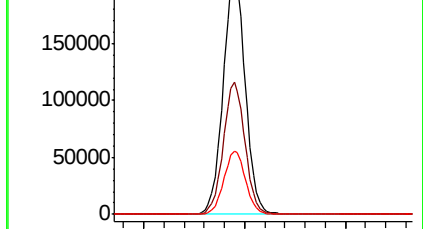
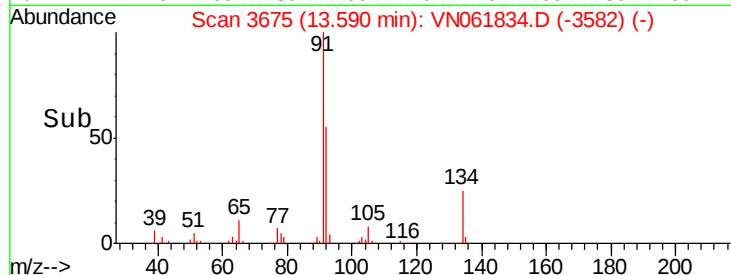


Abundance Ion 91.00 (90.70 to 91.70): VN061834.D (-3661) (-)

Ion 92.00 (91.70 to 92.70): VN061834.D (-3661) (-)

Ion 134.00 (133.70 to 134.70): VN061834.D (-3661) (-)

Time-->



#90

Hexachloroethane

Concen: 69.663 ug/l

RT: 13.85 min Scan# 3756

Delta R.T. 0.00 min

Lab File: VN061834.D

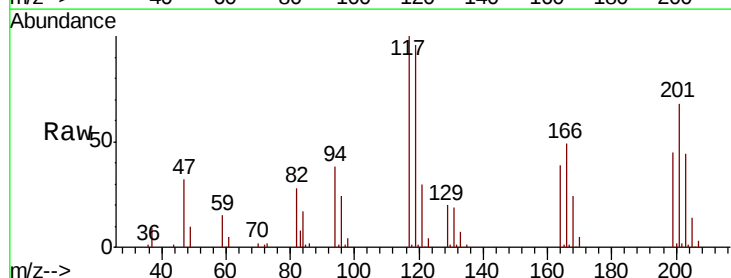
Acq: 16 Jun 2020 18:37

Tgt Ion: 117 Resp: 69619

Ion Ratio Lower Upper

117 100

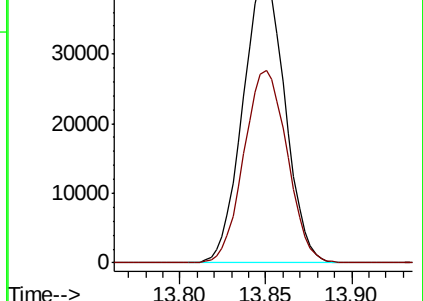
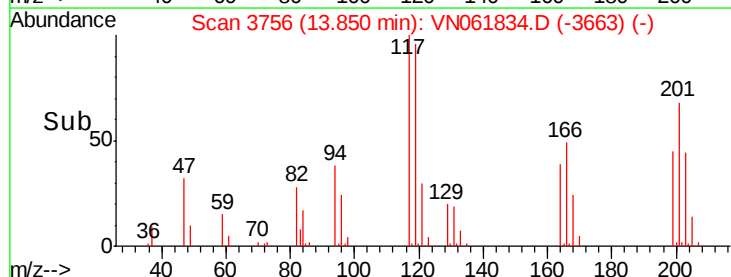
201 69.2 34.6 103.8



Abundance Ion 116.80 (116.50 to 117.50): VN061834.D (-3742) (-)

Ion 200.70 (200.40 to 201.40): VN061834.D (-3742) (-)

Time-->

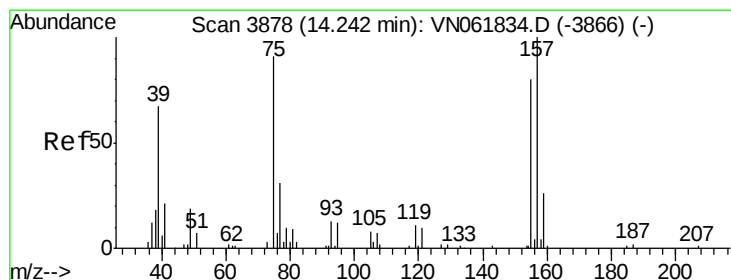
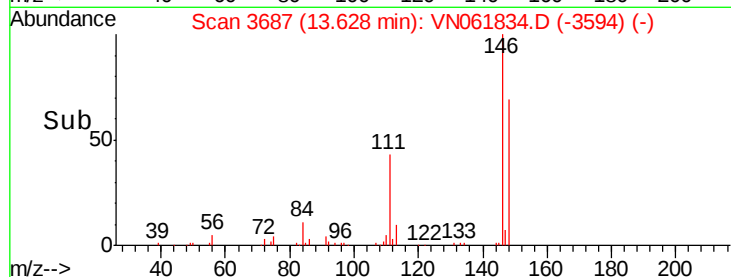
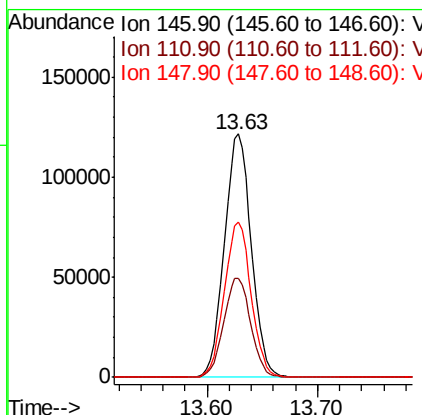
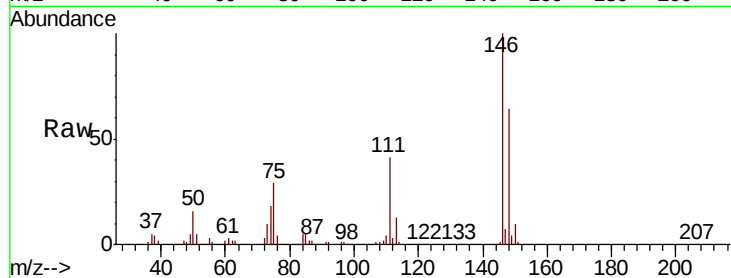




#91
 1,2-Dichlorobenzene
 Concen: 50.350 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN061834.D
 Acq: 16 Jun 2020 18:37

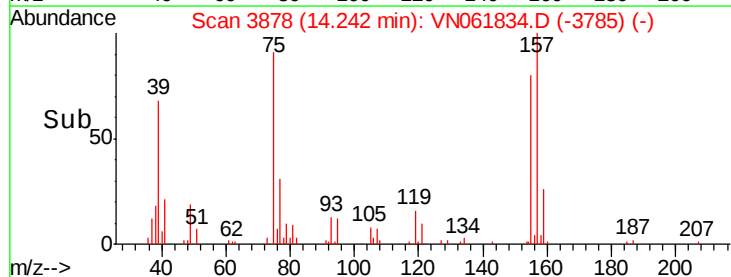
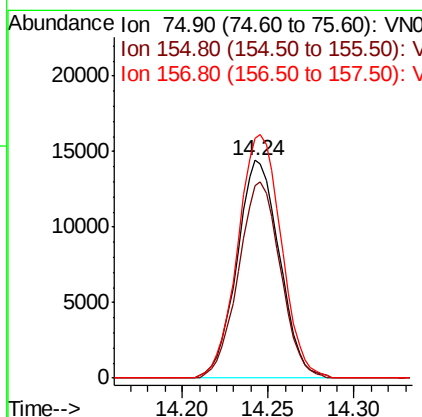
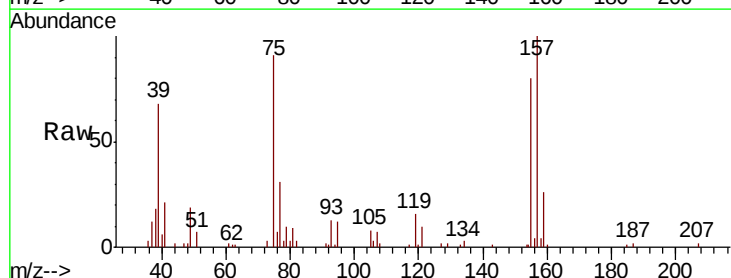
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

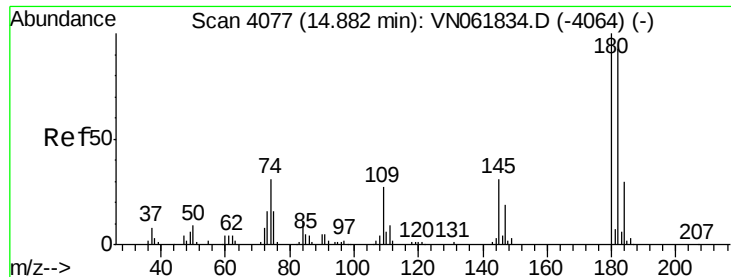
Tot Ion:146 Resp: 205779
 Ion Ratio Lower Upper
 146 100
 111 40.8 20.4 61.2
 148 63.6 31.8 95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.210 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. 0.00 min
 Lab File: VN061834.D
 Acq: 16 Jun 2020 18:37

Tgt Ion: 75 Resp: 24762
 Ion Ratio Lower Upper
 75 100
 155 88.8 44.4 133.2
 157 114.1 57.0 171.2

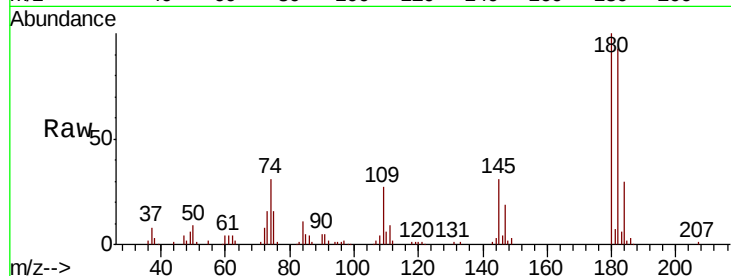




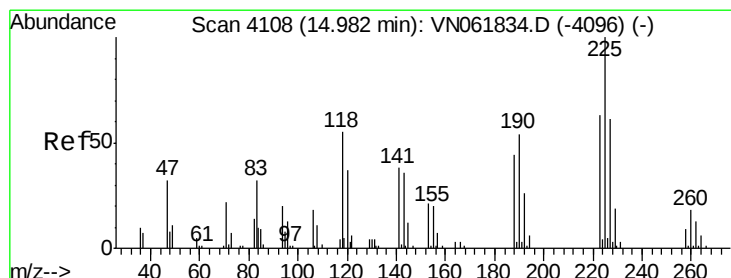
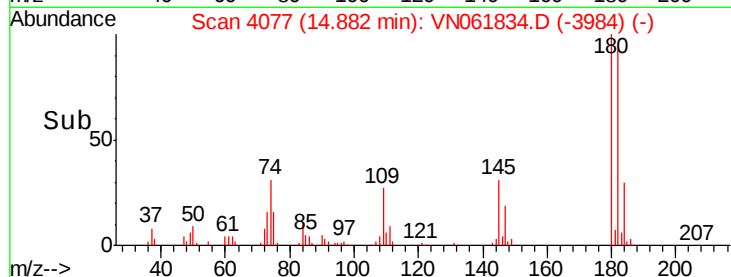
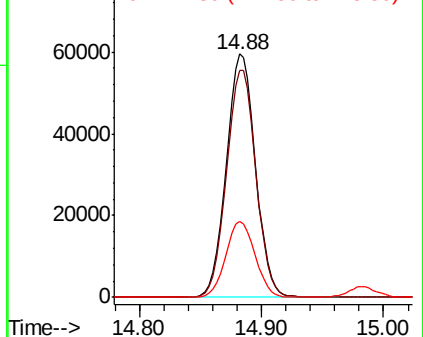
#93
 1,2,4-Trichlorobenzene
 Concen: 42.982 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN061834.D
 Acq: 16 Jun 2020 18:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion:180 Resp: 99388
 Ion Ratio Lower Upper
 180 100
 182 94.1 47.0 141.2
 145 31.5 15.8 47.3

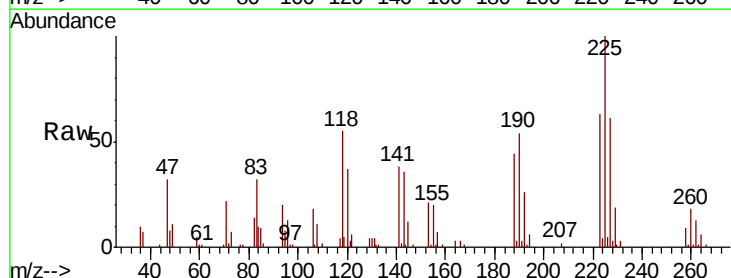


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

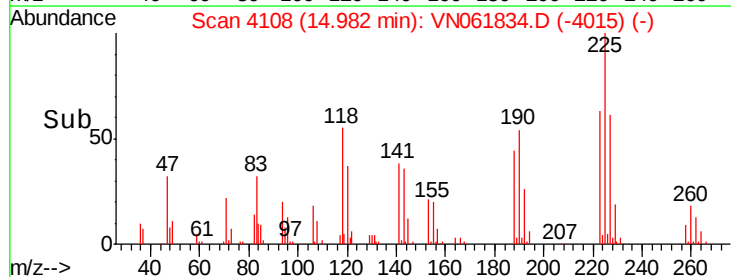
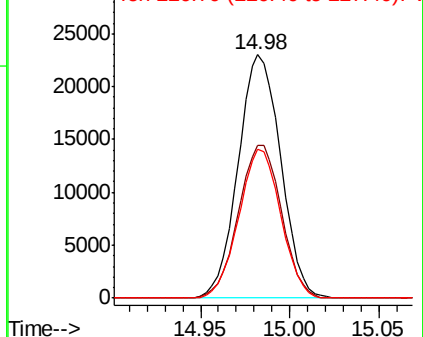


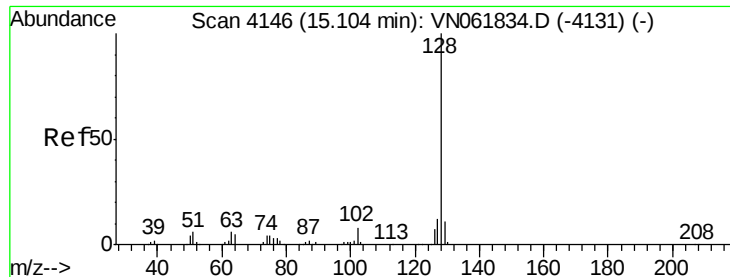
#94
 Hexachlorobutadiene
 Concen: 38.906 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. 0.00 min
 Lab File: VN061834.D
 Acq: 16 Jun 2020 18:37

Tgt Ion:225 Resp: 38259
 Ion Ratio Lower Upper
 225 100
 223 63.4 31.7 95.1
 227 60.2 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

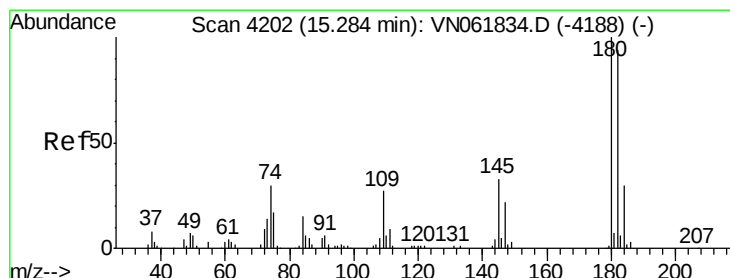
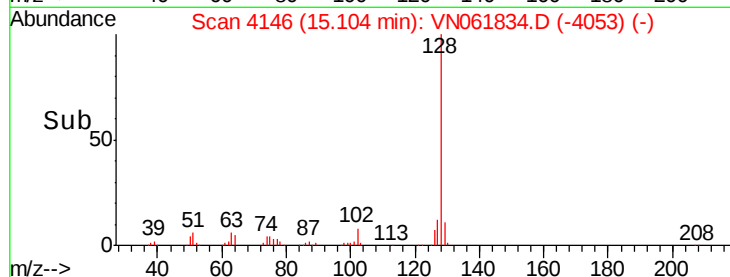
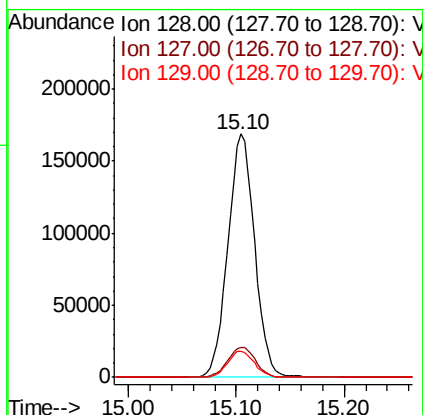
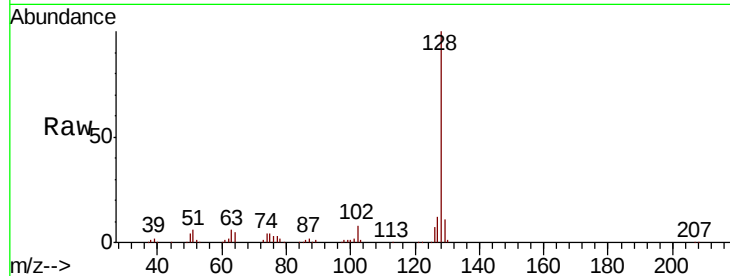




#95
Naphthalene
Concen: 41.998 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN061834.D
Acq: 16 Jun 2020 18:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion:128 Resp: 291945
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 43.379 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. 0.00 min
Lab File: VN061834.D
Acq: 16 Jun 2020 18:37

Tgt Ion:180 Resp: 98644
Ion Ratio Lower Upper
180 100
182 95.7 47.9 143.6
145 33.0 16.5 49.5

