

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN072120\
 Data File : VN062568.D
 Acq On : 21 Jul 2020 12:45
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Quant Time: Jul 21 13:18:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 13:13:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	215563	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	354489	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	336505	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	157229	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	164773	49.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.56%	
35) Dibromofluoromethane	7.55	113	116760	53.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.08%	
50) Toluene-d8	10.06	98	461305	53.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.06%	
62) 4-Bromofluorobenzene	12.38	95	170901	53.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.10%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	122081	54.894	ug/l	100
3) Chloromethane	2.03	50	164346	47.101	ug/l	100
4) Vinyl Chloride	2.16	62	147631	51.103	ug/l	100
5) Bromomethane	2.52	94	63384	42.506	ug/l	100
6) Chloroethane	2.66	64	68505	42.299	ug/l	100
7) Trichlorofluoromethane	2.98	101	178104	48.943	ug/l	100
8) Diethyl Ether	3.37	74	83402	51.007	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	110319	50.889	ug/l	100
10) Methyl Iodide	3.91	142	146975	51.635	ug/l	100
11) Tert butyl alcohol	4.73	59	129631	238.379	ug/l	100
12) 1,1-Dichloroethene	3.69	96	113434	51.277	ug/l	100
13) Acrolein	3.57	56	140835	326.783	ug/l	100
14) Allyl chloride	4.27	41	250287	48.698	ug/l	100
15) Acrylonitrile	4.93	53	368532	257.782	ug/l	100
16) Acetone	3.77	43	307133	221.986	ug/l	100
17) Carbon Disulfide	4.01	76	359421	51.528	ug/l	100
18) Methyl Acetate	4.28	43	156940	45.489	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	430776	51.389	ug/l	100
20) Methylene Chloride	4.50	84	142729	47.412	ug/l	100
21) trans-1,2-Dichloroethene	4.99	96	125649	52.443	ug/l	100
22) Diisopropyl ether	5.90	45	502431	49.466	ug/l	100
23) Vinyl Acetate	5.84	43	2135789	253.832	ug/l	100
24) 1,1-Dichloroethane	5.80	63	264719	50.128	ug/l	100
25) 2-Butanone	6.79	43	492306	243.364	ug/l	100
26) 2,2-Dichloropropane	6.77	77	211529	51.673	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	144911	52.178	ug/l	100
28) Bromochloromethane	7.15	49	133991	47.039	ug/l	100
29) Tetrahydrofuran	7.17	42	335383	245.709	ug/l	100
30) Chloroform	7.33	83	249524	52.019	ug/l	100
31) Cyclohexane	7.61	56	234112	46.967	ug/l	100
32) 1,1,1-Trichloroethane	7.53	97	210283	52.557	ug/l	100
36) 1,1-Dichloropropene	7.75	75	189008	52.967	ug/l	100
37) Ethyl Acetate	6.88	43	209853	50.576	ug/l	100
38) Carbon Tetrachloride	7.73	117	185721	56.968	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN072120\
 Data File : VN062568.D
 Acq On : 21 Jul 2020 12:45
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDICCC050

Quant Time: Jul 21 13:18:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 13:13:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	205800	54.052	ug/l	100
40) Benzene	8.00	78	572548	54.109	ug/l	100
41) Methacrylonitrile	7.12	41	84581	49.732	ug/l	100
42) 1,2-Dichloroethane	8.09	62	211261	54.530	ug/l	100
43) Isopropyl Acetate	8.13	43	344266	52.503	ug/l	100
44) Trichloroethene	8.80	130	129339	54.889	ug/l	100
45) 1,2-Dichloropropane	9.09	63	161303	52.830	ug/l	100
46) Dibromomethane	9.18	93	94403	54.430	ug/l	100
47) Bromodichloromethane	9.37	83	201936	54.595	ug/l	100
48) Methyl methacrylate	9.17	41	163159	50.967	ug/l	100
49) 1,4-Dioxane	9.17	88	50365	1068.254	ug/l	100
51) 4-Methyl-2-Pentanone	9.95	43	1042941	266.753	ug/l	100
52) Toluene	10.12	92	342646	55.784	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	233028	56.067	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	250305	54.705	ug/l	100
55) 1,1,2-Trichloroethane	10.54	97	132040	55.067	ug/l	100
56) Ethyl methacrylate	10.40	69	225796	56.531	ug/l	100
57) 1,3-Dichloropropane	10.68	76	242908	54.781	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	323297	234.830	ug/l	100
59) 2-Hexanone	10.72	43	765309	269.367	ug/l	100
60) Dibromochloromethane	10.87	129	150556	57.365	ug/l	100
61) 1,2-Dibromoethane	10.98	107	137827	56.497	ug/l	100
64) Tetrachloroethene	10.60	164	106573	53.029	ug/l	100
65) Chlorobenzene	11.41	112	353423	53.868	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	131969	54.555	ug/l	100
67) Ethyl Benzene	11.48	91	658930	53.708	ug/l	100
68) m/p-Xylenes	11.60	106	479968	110.031	ug/l	100
69) o-Xylene	11.92	106	228215	53.866	ug/l	100
70) Styrene	11.94	104	396135	56.518	ug/l	100
71) Bromoform	12.10	173	103068	57.898	ug/l #	100
73) Isopropylbenzene	12.22	105	617216	50.843	ug/l	100
74) N-amyl acetate	12.05	43	303353	51.998	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	207178	50.801	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	272318	69.959	ug/l #	100
77) Bromobenzene	12.50	156	143200	51.678	ug/l	100
78) n-propylbenzene	12.57	91	733028	51.805	ug/l	100
79) 2-Chlorotoluene	12.65	91	442442	51.364	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	531804	53.182	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	72219	50.482	ug/l	100
82) 4-Chlorotoluene	12.75	91	458062	52.319	ug/l	100
83) tert-Butylbenzene	12.97	119	438804	51.904	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	519145	52.387	ug/l	100
85) sec-Butylbenzene	13.15	105	580823	51.944	ug/l	100
86) p-Isopropyltoluene	13.26	119	511833	53.044	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	255466	53.457	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	254273	51.807	ug/l	100
89) n-Butylbenzene	13.59	91	431642	50.899	ug/l	100
90) Hexachloroethane	13.85	117	99586	52.316	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	250739	54.167	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	39115	52.676	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN072120\
Data File : VN062568.D
Acq On : 21 Jul 2020 12:45
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Quant Time: Jul 21 13:18:03 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 21 13:13:13 2020
Response via : Initial Calibration

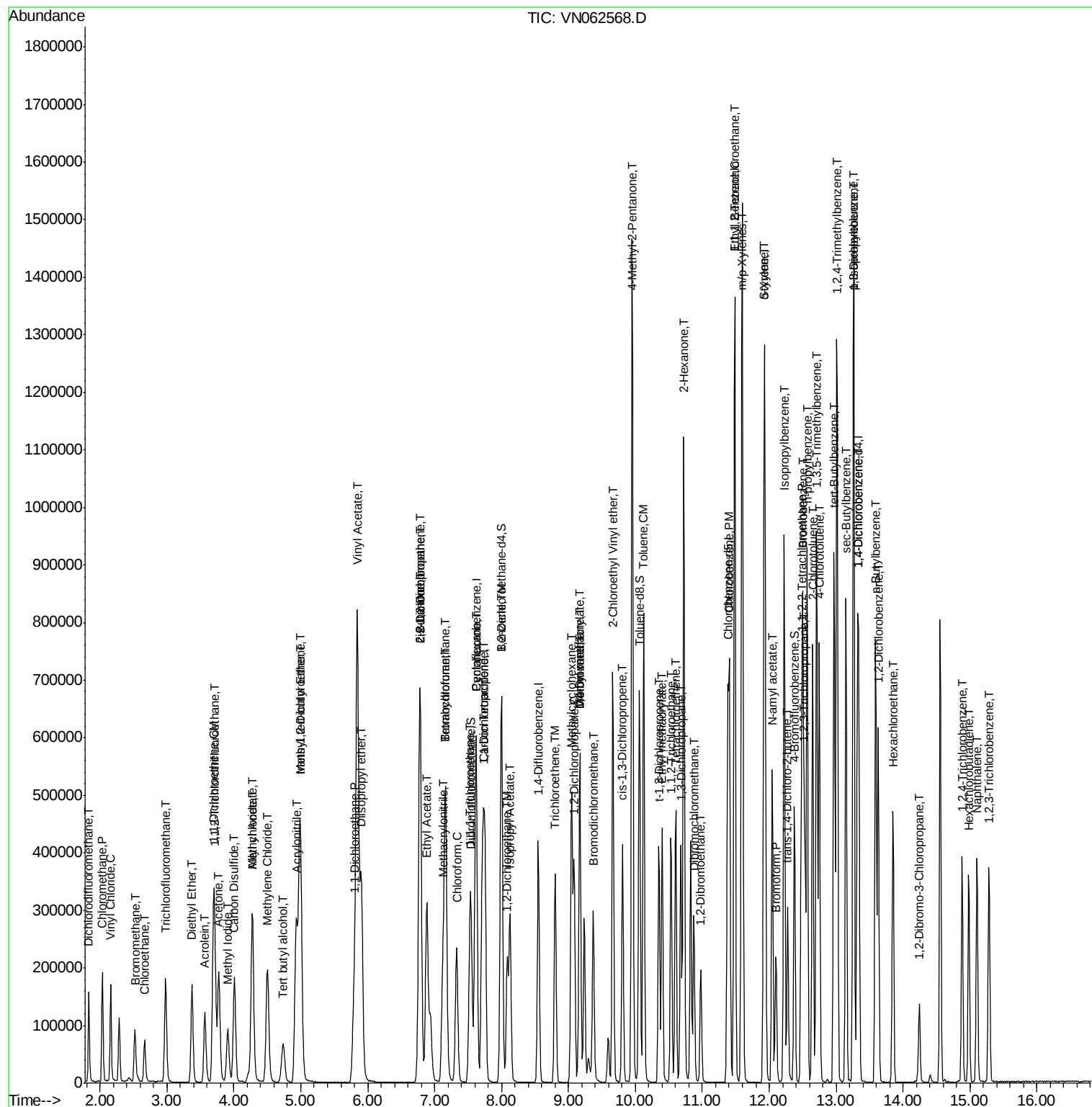
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	121445	58.451	ug/l	100
94) Hexachlorobutadiene	14.98	225	69100	55.687	ug/l	100
95) Naphthalene	15.10	128	318974	54.832	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	120709	55.836	ug/l	100

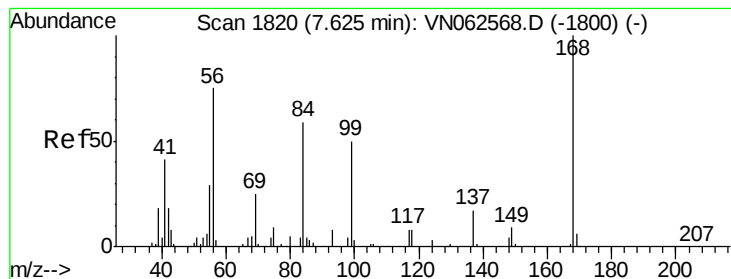
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN072120\
Data File : VN062568.D
Acq On : 21 Jul 2020 12:45
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Quant Time: Jul 21 13:18:03 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 21 13:13:13 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: VN062568.D

Acq: 21 Jul 2020 12:45

Instrument :

MSVOA_N

ClientSampleId :

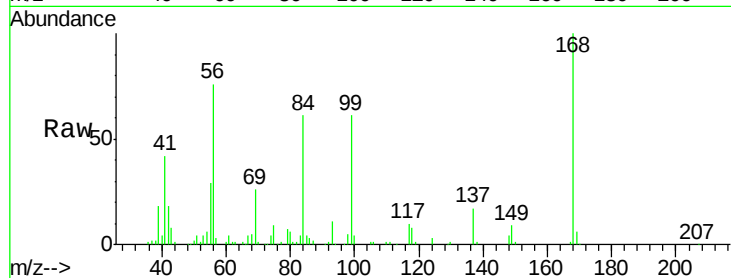
VSTDICCC050

Tgt Ion:168 Resp: 215563

Ion Ratio Lower Upper

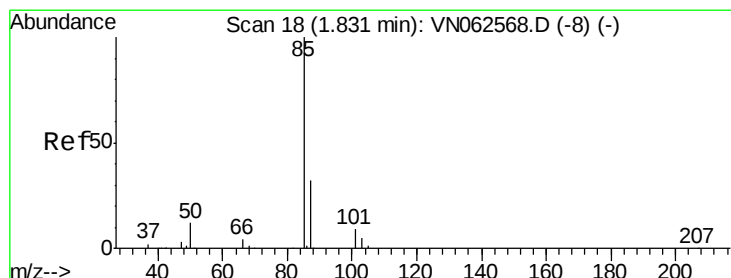
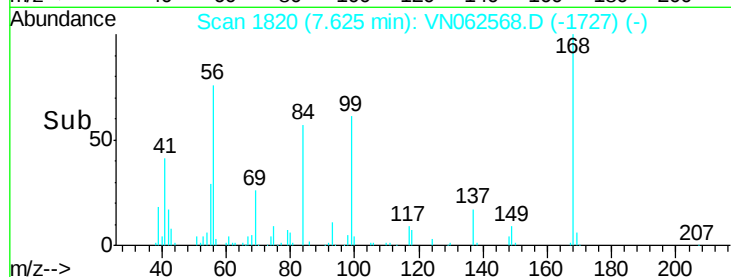
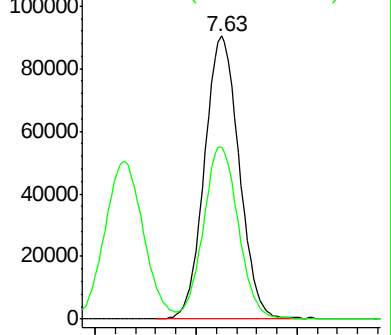
168 100

99 60.5 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 54.894 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN062568.D

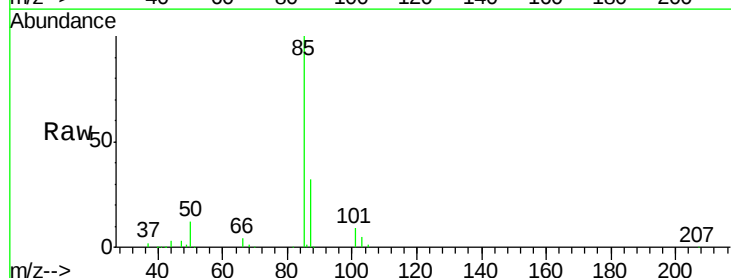
Acq: 21 Jul 2020 12:45

Tgt Ion: 85 Resp: 122081

Ion Ratio Lower Upper

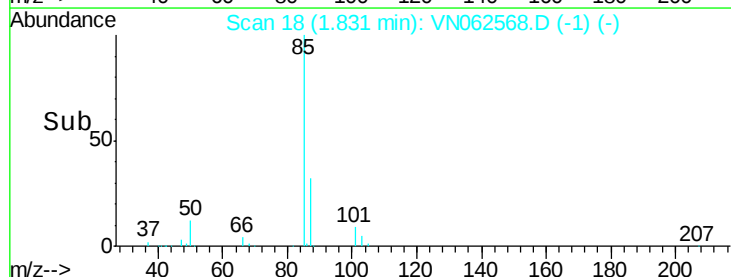
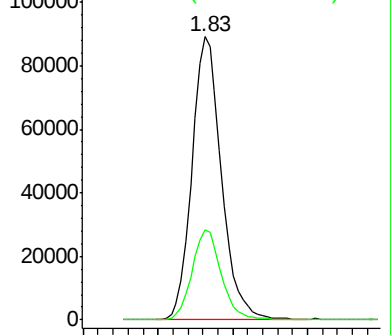
85 100

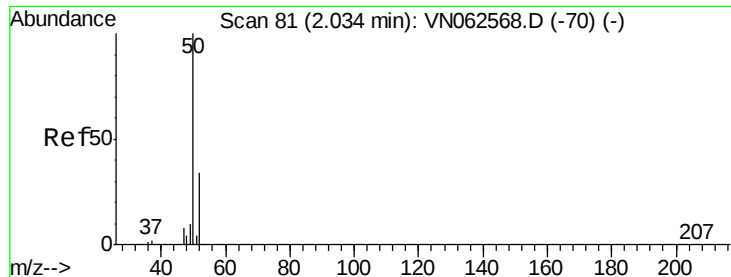
87 32.0 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 47.101 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN062568.D

Acq: 21 Jul 2020 12:45

Instrument :

MSVOA_N

ClientSampleId :

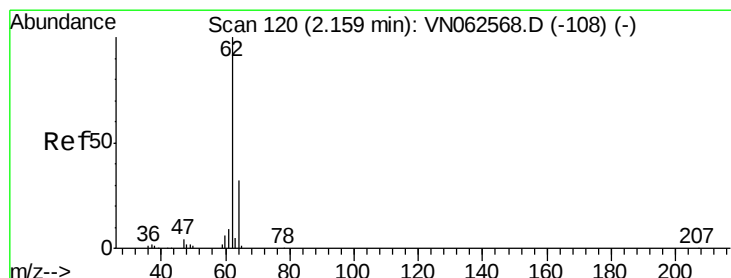
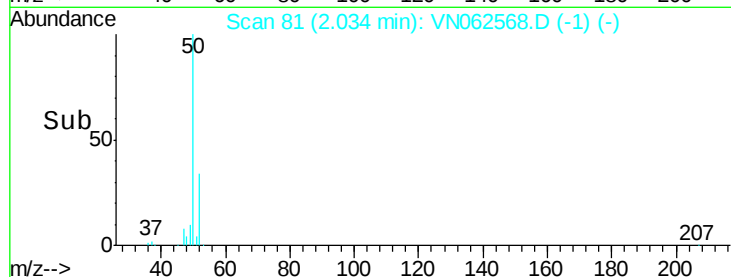
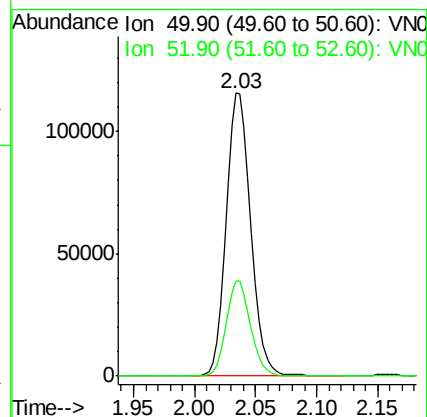
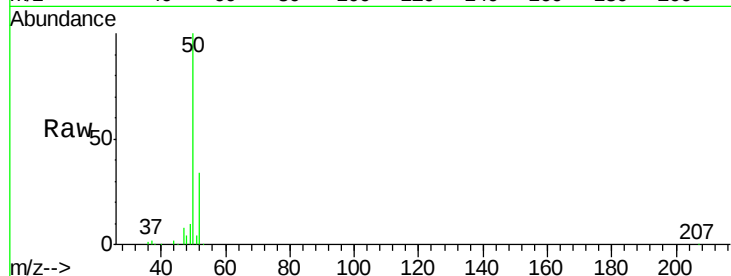
VSTDICCC050

Tgt Ion: 50 Resp: 164346

Ion Ratio Lower Upper

50 100

52 33.7 27.0 40.4



#4

Vinyl Chloride

Concen: 51.103 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062568.D

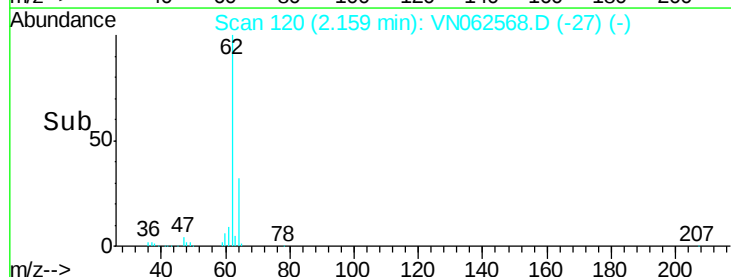
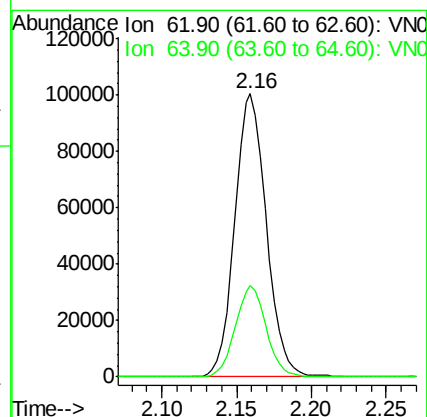
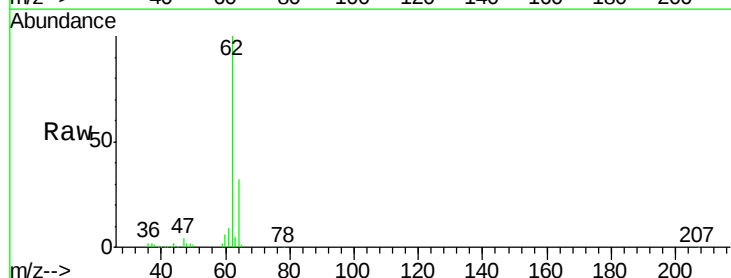
Acq: 21 Jul 2020 12:45

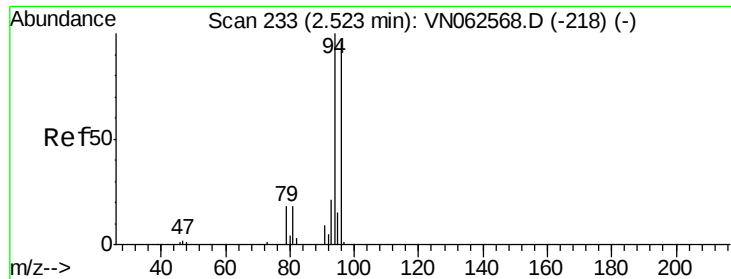
Tgt Ion: 62 Resp: 147631

Ion Ratio Lower Upper

62 100

64 32.3 25.8 38.8

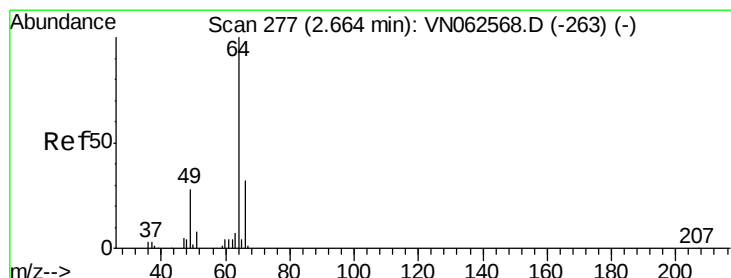
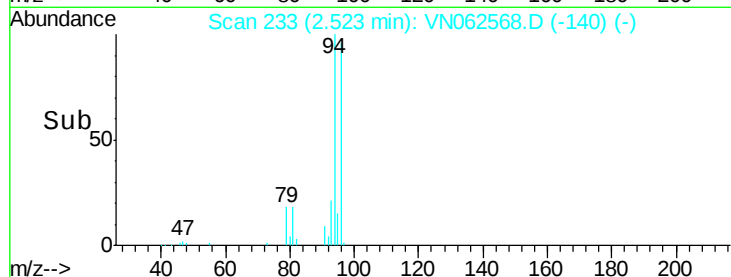
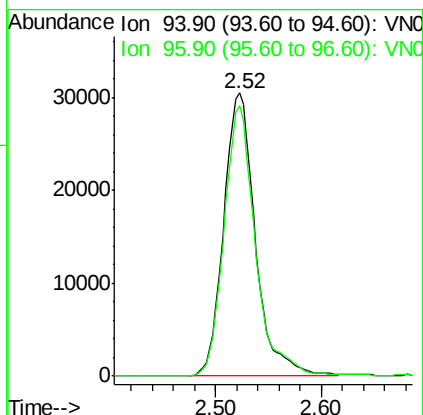
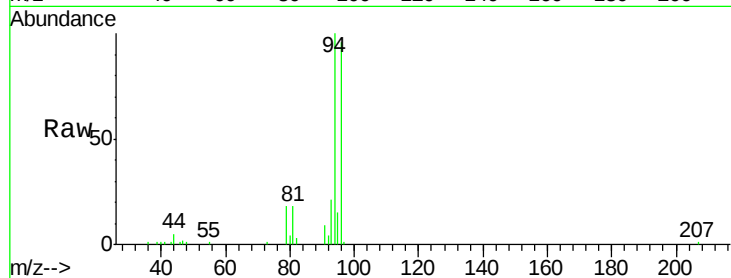




#5
 Bromomethane
 Concen: 42.506 ug/l
 RT: 2.52 min Scan# 233
 Delta R.T. 0.00 min
 Lab File: VN062568.D
 Acq: 21 Jul 2020 12:45

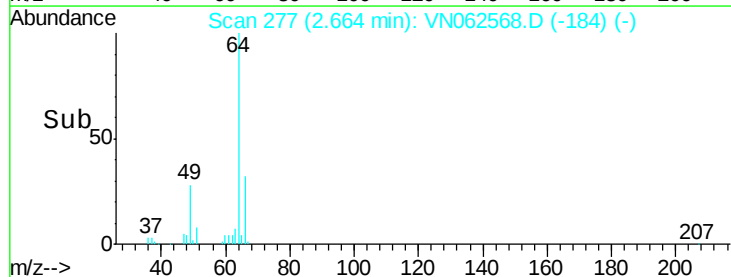
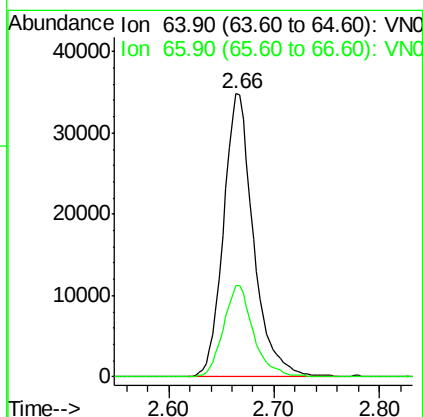
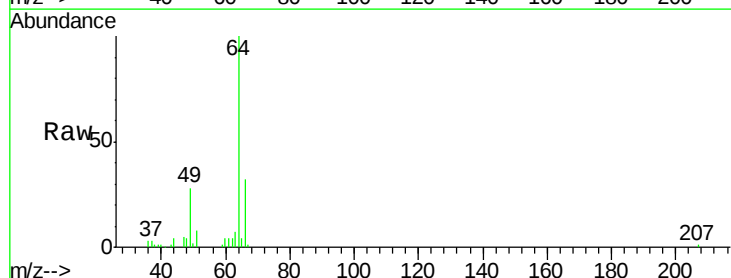
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 94 Resp: 63384
 Ion Ratio Lower Upper
 94 100
 96 95.7 76.6 114.8



#6
 Chloroethane
 Concen: 42.299 ug/l
 RT: 2.66 min Scan# 277
 Delta R.T. 0.00 min
 Lab File: VN062568.D
 Acq: 21 Jul 2020 12:45

Tgt Ion: 64 Resp: 68505
 Ion Ratio Lower Upper
 64 100
 66 32.3 25.8 38.8



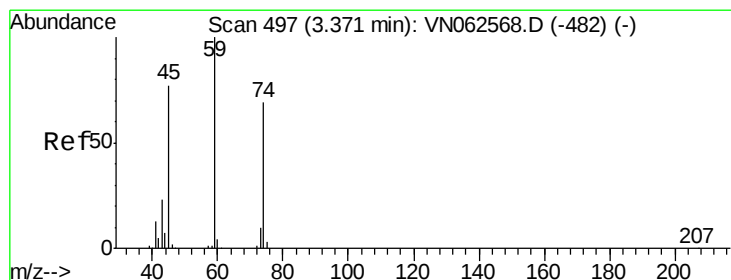
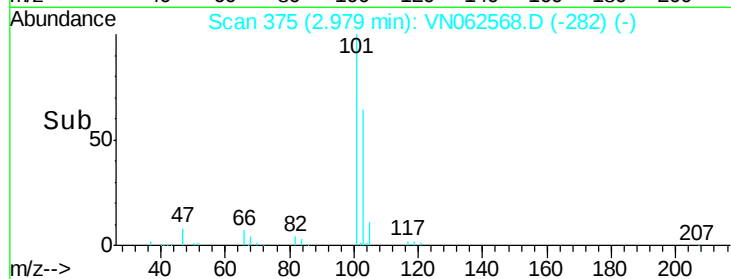
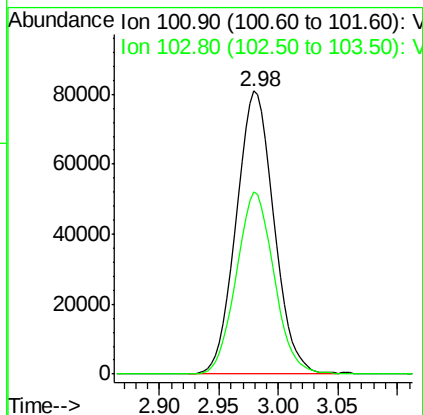
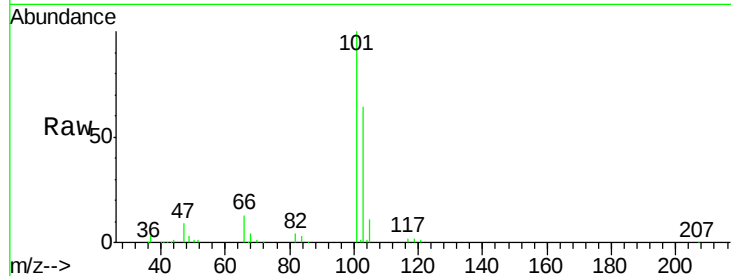


#7

Trichlorofluoromethane
 Concen: 48.943 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. 0.00 min
 Lab File: VN062568.D
 Acq: 21 Jul 2020 12:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

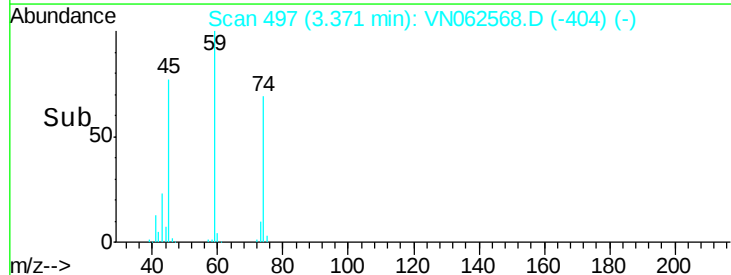
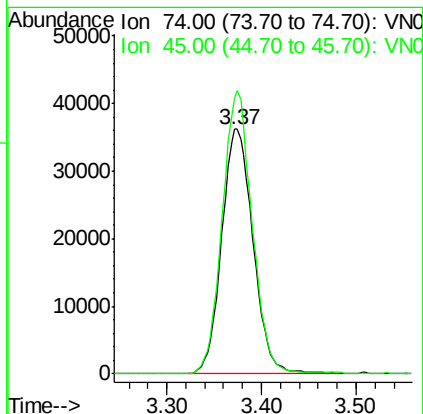
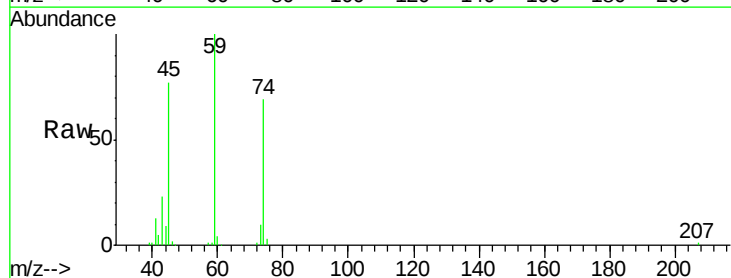
Tgt Ion: 101 Resp: 178104
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.5 77.3

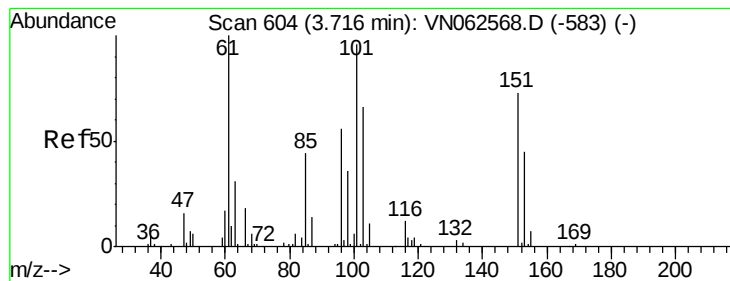


#8

Diethyl Ether
 Concen: 51.007 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. 0.00 min
 Lab File: VN062568.D
 Acq: 21 Jul 2020 12:45

Tgt Ion: 74 Resp: 83402
 Ion Ratio Lower Upper
 74 100
 45 110.5 55.3 165.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.889 ug/l

RT: 3.72 min Scan# 604

Delta R.T. 0.00 min

Lab File: VN062568.D

Acq: 21 Jul 2020 12:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

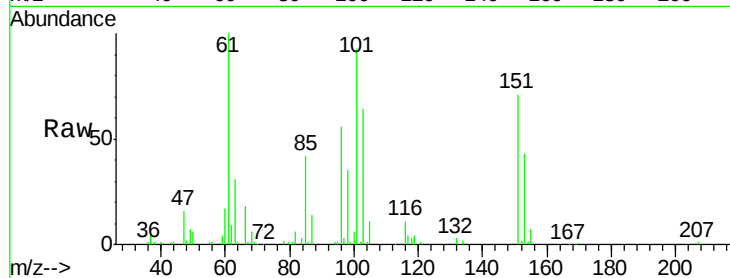
Tgt Ion:101 Resp: 110319

Ion Ratio Lower Upper

101 100

85 45.0 36.0 54.0

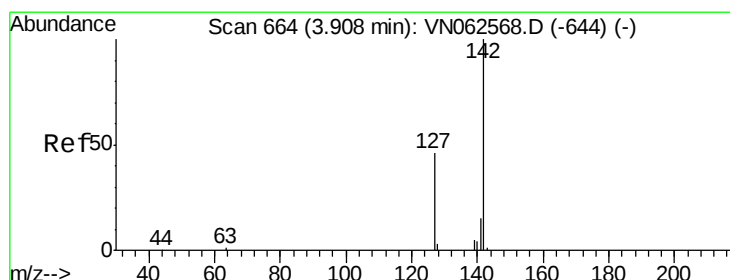
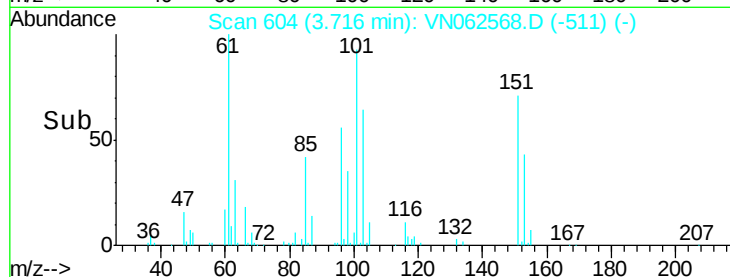
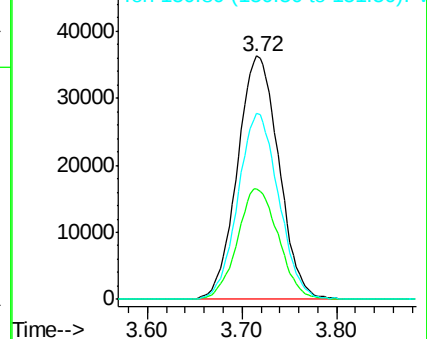
151 75.0 60.0 90.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 51.635 ug/l

RT: 3.91 min Scan# 664

Delta R.T. 0.00 min

Lab File: VN062568.D

Acq: 21 Jul 2020 12:45

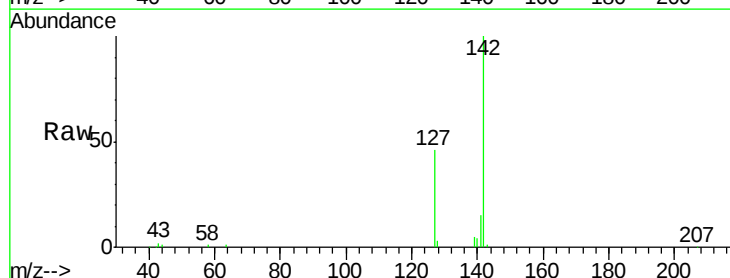
Tgt Ion:142 Resp: 146975

Ion Ratio Lower Upper

142 100

127 46.7 37.4 56.0

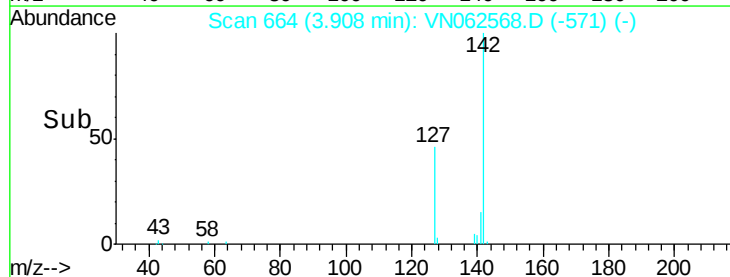
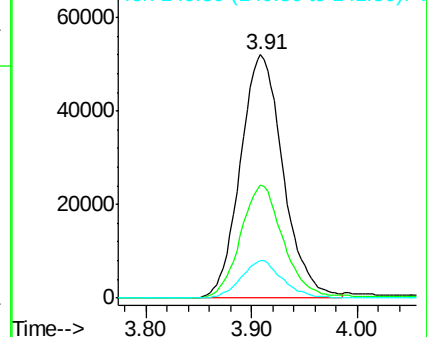
141 14.9 11.9 17.9

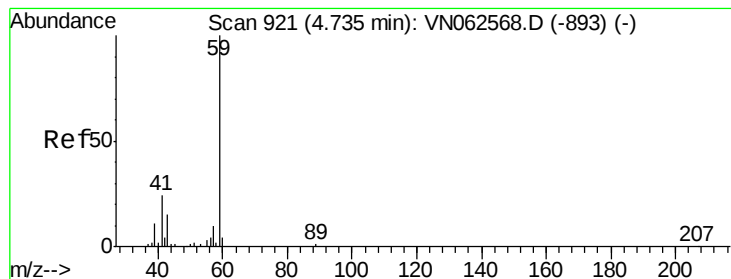


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



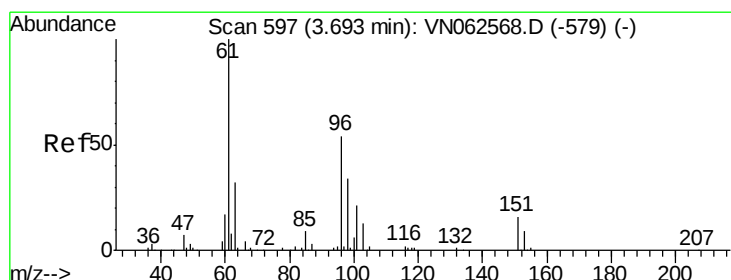
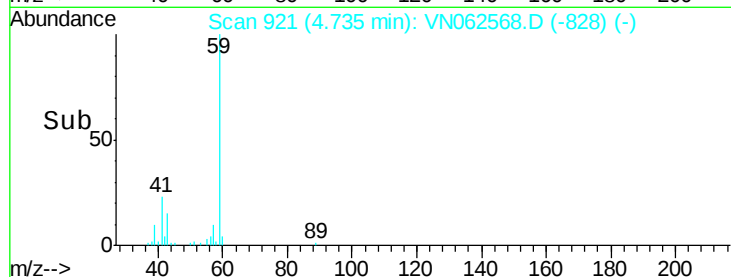
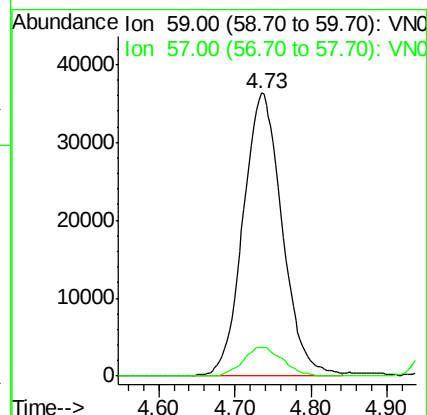
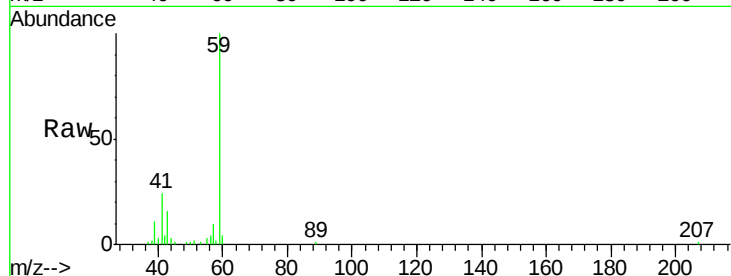


#11

Tert butyl alcohol
 Concen: 238.379 ug/l
 RT: 4.73 min Scan# 921
 Delta R.T. 0.00 min
 Lab File: VN062568.D
 Acq: 21 Jul 2020 12:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

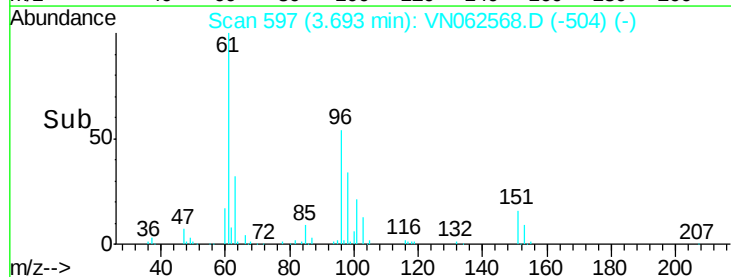
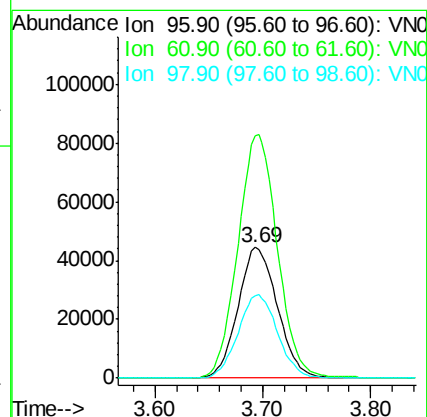
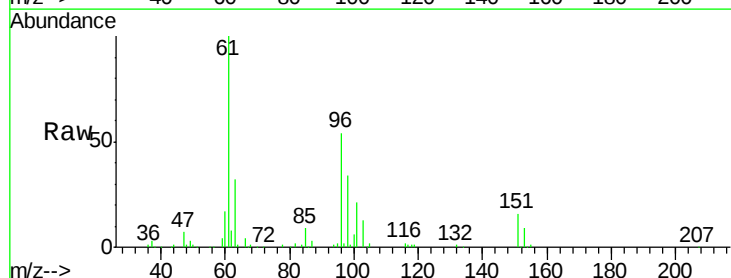
Tgt Ion: 59 Resp: 129631
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.2 12.2

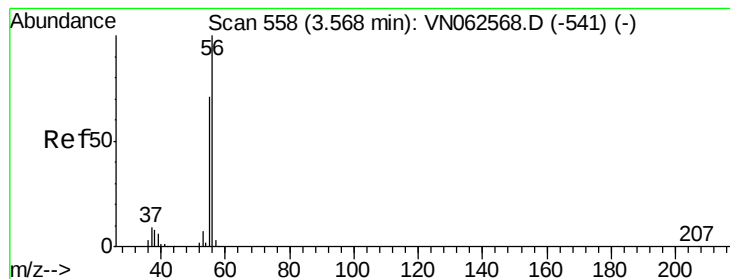


#12

1,1-Dichloroethene
 Concen: 51.277 ug/l
 RT: 3.69 min Scan# 597
 Delta R.T. 0.00 min
 Lab File: VN062568.D
 Acq: 21 Jul 2020 12:45

Tgt Ion: 96 Resp: 113434
 Ion Ratio Lower Upper
 96 100
 61 185.7 148.6 222.8
 98 63.2 50.6 75.8





#13

Acrolein

Concen: 326.783 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN062568.D

Acq: 21 Jul 2020 12:45

Instrument :

MSVOA_N

ClientSampleId :

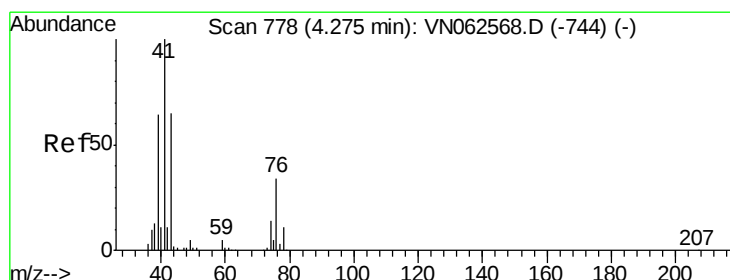
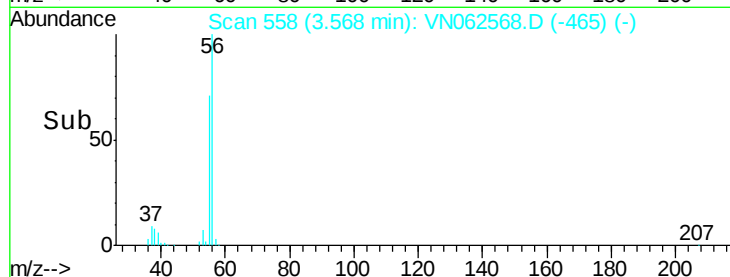
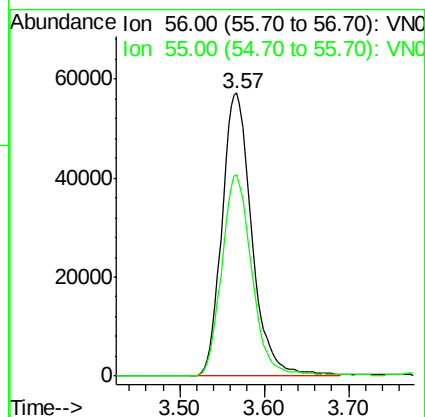
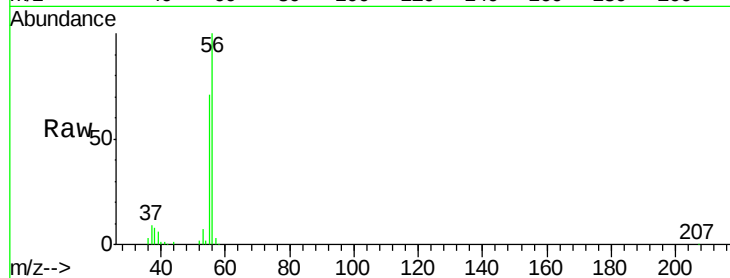
VSTDICCC050

Tgt Ion: 56 Resp: 140835

Ion Ratio Lower Upper

56 100

55 71.2 57.0 85.4



#14

Allyl chloride

Concen: 48.698 ug/l

RT: 4.27 min Scan# 778

Delta R.T. 0.00 min

Lab File: VN062568.D

Acq: 21 Jul 2020 12:45

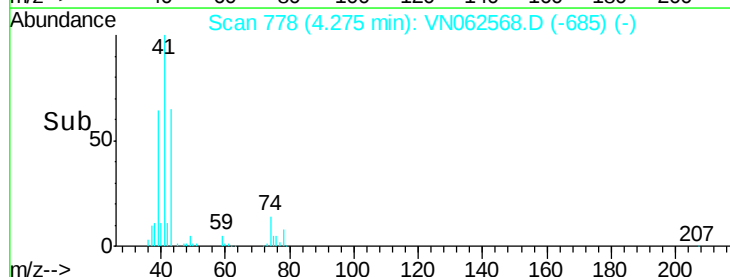
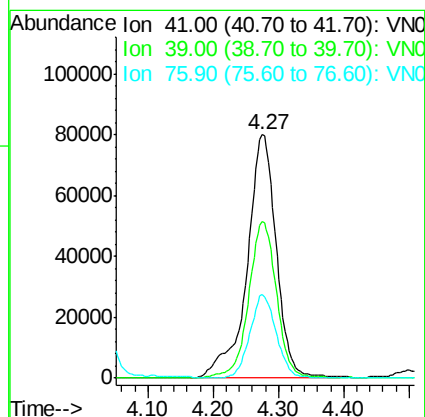
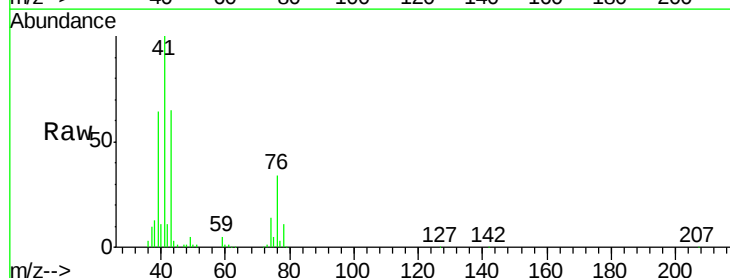
Tgt Ion: 41 Resp: 250287

Ion Ratio Lower Upper

41 100

39 61.2 49.0 73.4

76 30.0 24.0 36.0





#15

Acrylonitrile

Concen: 257.782 ug/l

RT: 4.93 min Scan# 981

Delta R.T. 0.00 min

Lab File: VN062568.D

Acq: 21 Jul 2020 12:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

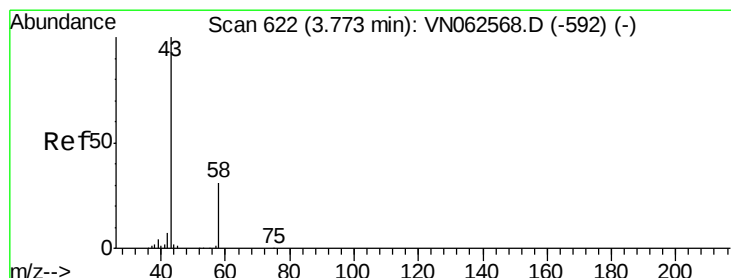
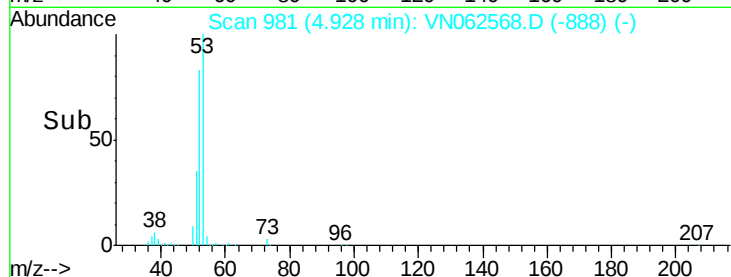
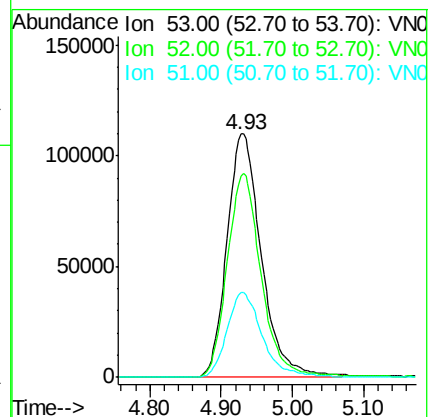
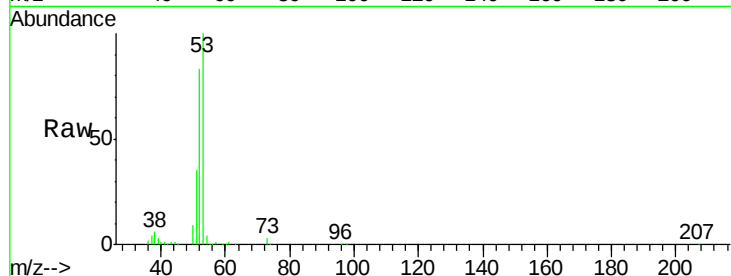
Tgt Ion: 53 Resp: 368532

Ion Ratio Lower Upper

53 100

52 82.9 66.3 99.5

51 35.8 28.6 43.0



#16

Acetone

Concen: 221.986 ug/l

RT: 3.77 min Scan# 622

Delta R.T. 0.00 min

Lab File: VN062568.D

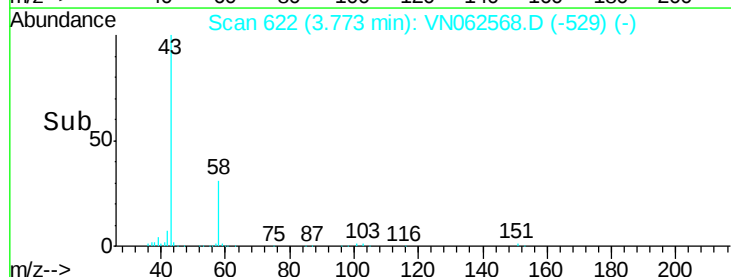
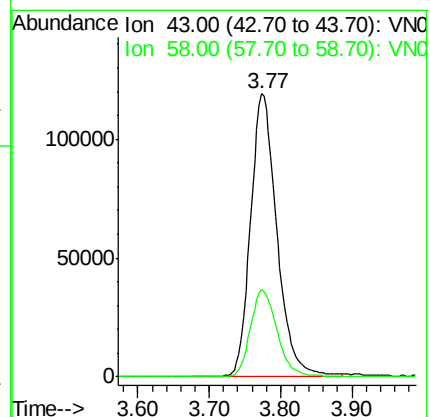
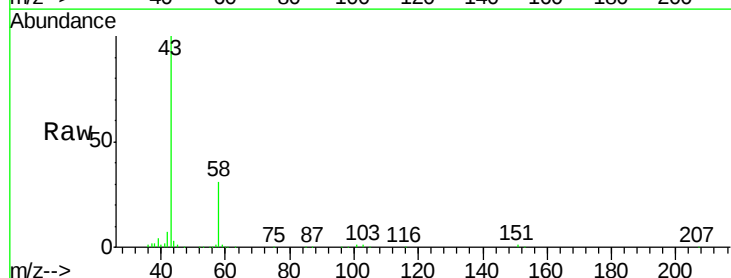
Acq: 21 Jul 2020 12:45

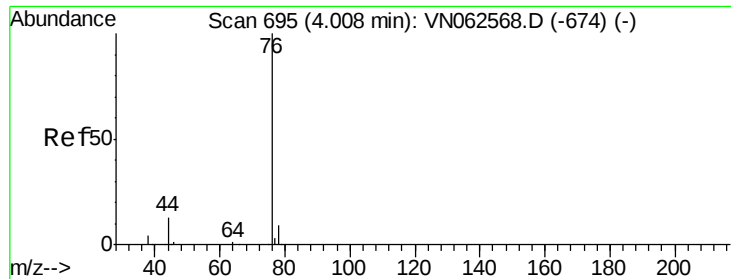
Tgt Ion: 43 Resp: 307133

Ion Ratio Lower Upper

43 100

58 30.8 24.6 37.0

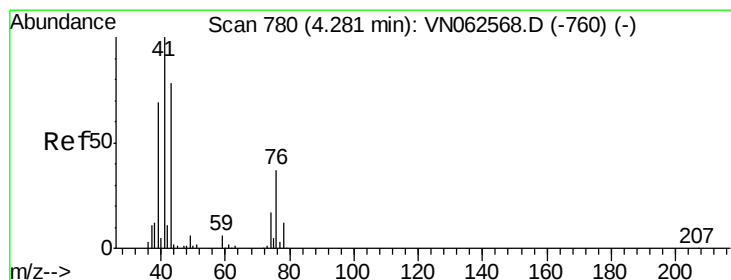
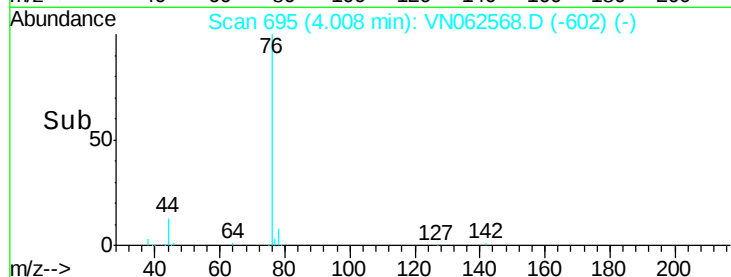
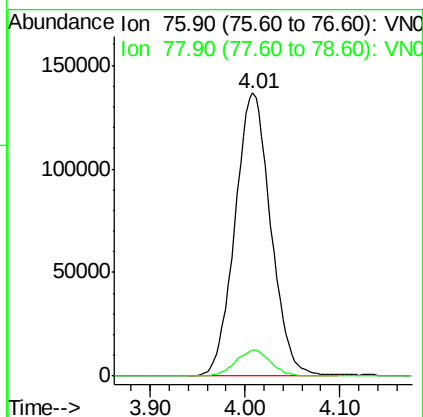
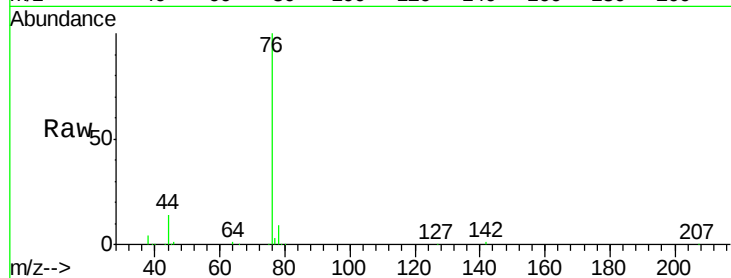




#17
Carbon Disulfide
Concen: 51.528 ug/l
RT: 4.01 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN062568.D
Acq: 21 Jul 2020 12:45

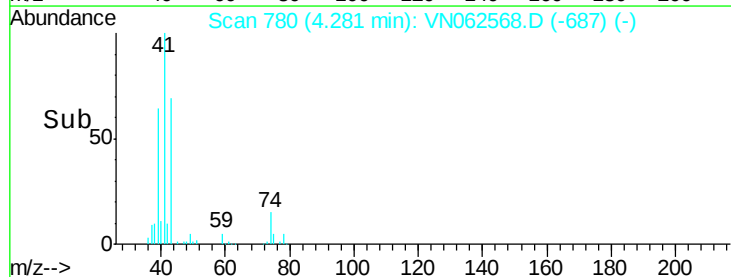
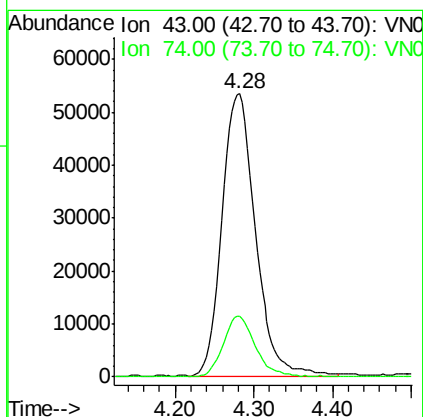
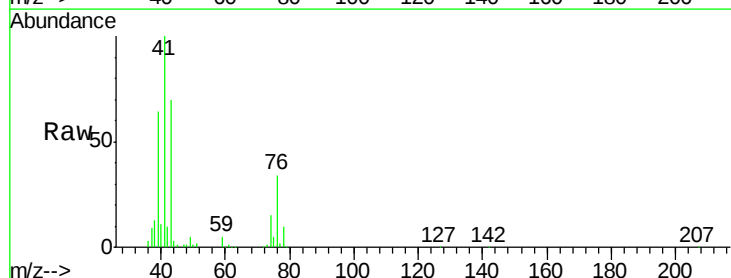
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

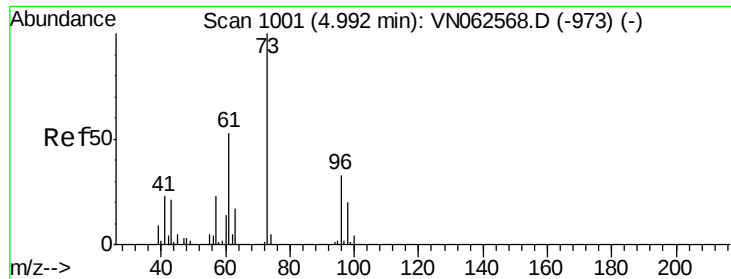
Tgt Ion: 76 Resp: 359421
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#18
Methyl Acetate
Concen: 45.489 ug/l
RT: 4.28 min Scan# 780
Delta R.T. 0.00 min
Lab File: VN062568.D
Acq: 21 Jul 2020 12:45

Tgt Ion: 43 Resp: 156940
Ion Ratio Lower Upper
43 100
74 20.7 16.6 24.8

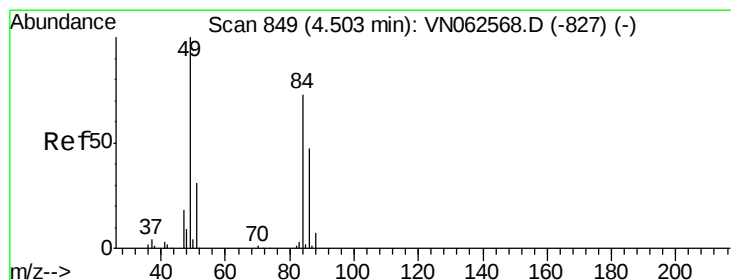
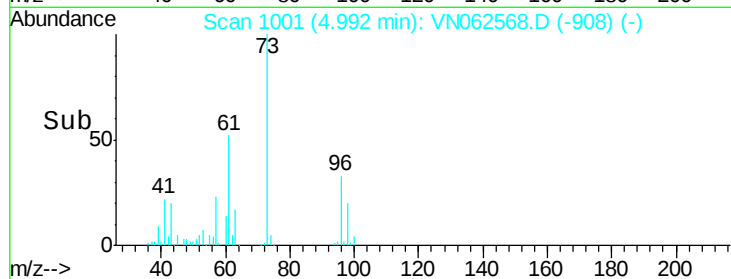
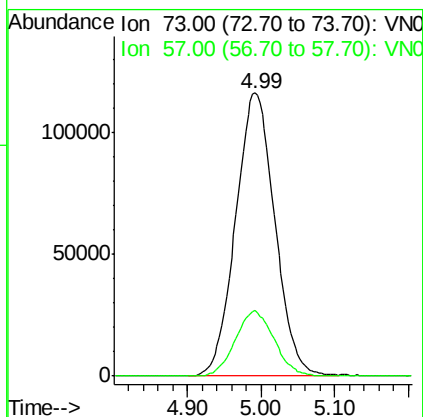
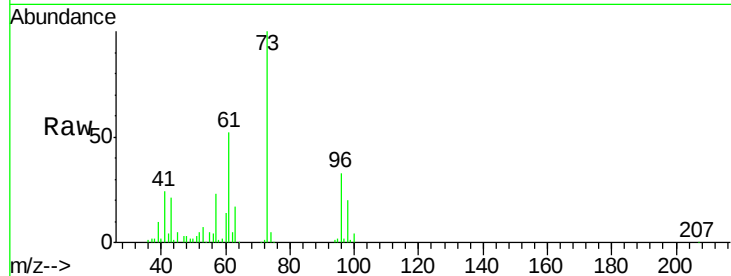




#19
Methyl tert-butyl Ether
Concen: 51.389 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VN062568.D
Acq: 21 Jul 2020 12:45

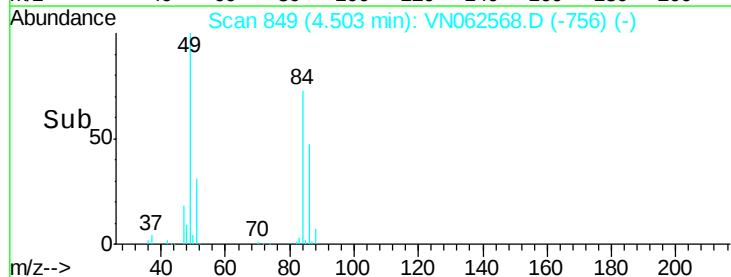
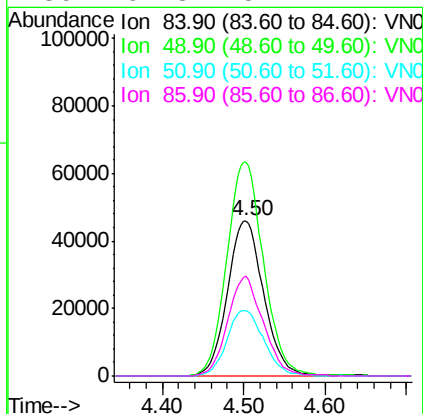
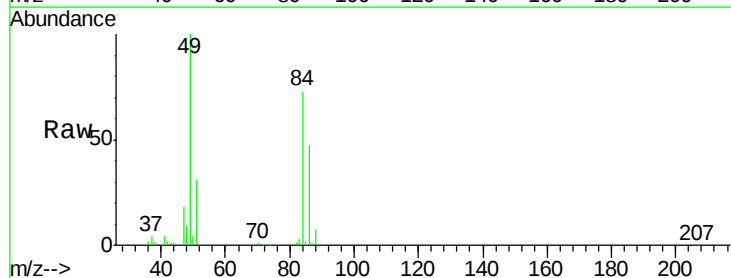
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

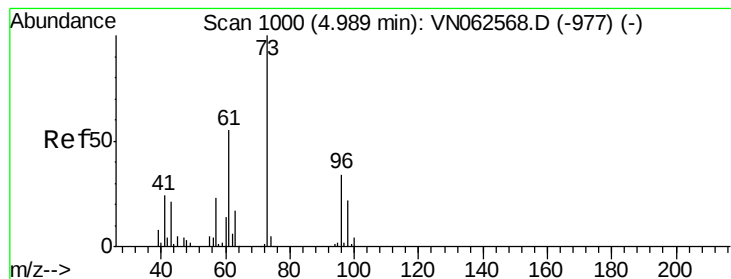
Tgt Ion: 73 Resp: 430776
Ion Ratio Lower Upper
73 100
57 23.2 18.6 27.8



#20
Methylene Chloride
Concen: 47.412 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN062568.D
Acq: 21 Jul 2020 12:45

Tgt Ion: 84 Resp: 142729
Ion Ratio Lower Upper
84 100
49 136.7 109.4 164.0
51 42.0 33.6 50.4
86 64.3 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 52.443 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN062568.D

Acq: 21 Jul 2020 12:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

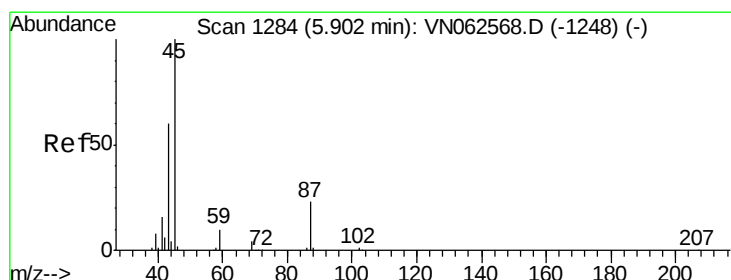
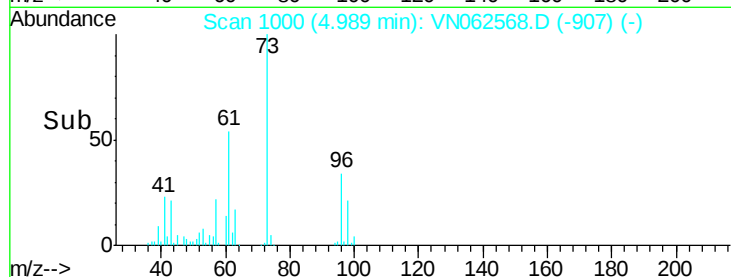
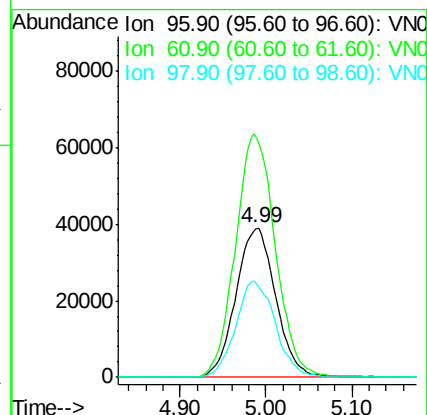
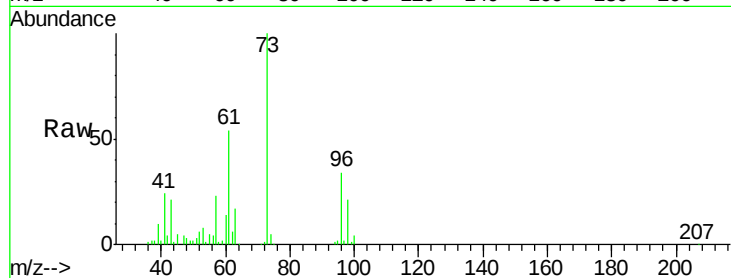
Tgt Ion: 96 Resp: 125649

Ion Ratio Lower Upper

96 100

61 160.7 128.6 192.8

98 63.3 50.6 76.0



#22

Diisopropyl ether

Concen: 49.466 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VN062568.D

Acq: 21 Jul 2020 12:45

Tgt Ion: 45 Resp: 502431

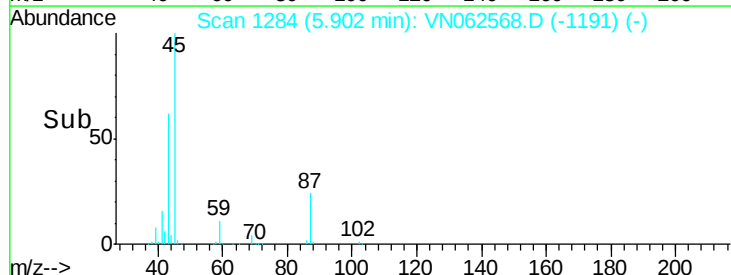
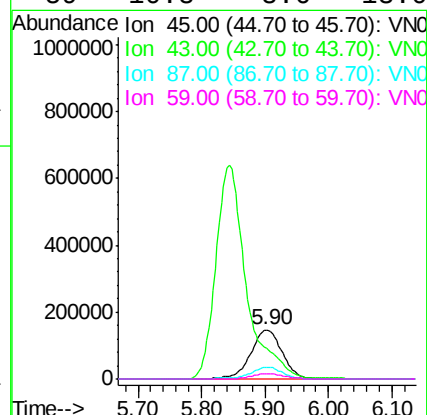
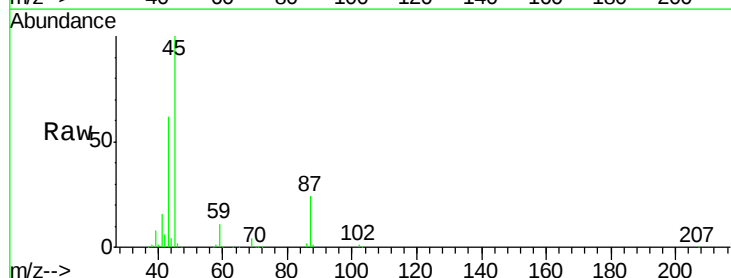
Ion Ratio Lower Upper

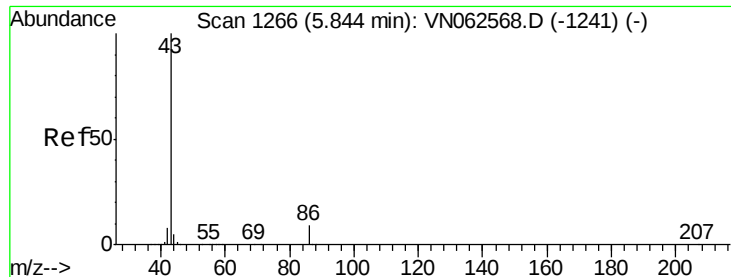
45 100

43 60.9 48.7 73.1

87 23.8 19.0 28.6

59 10.8 8.6 13.0





#23

Vinyl Acetate

Concen: 253.832 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. 0.00 min

Lab File: VN062568.D

Acq: 21 Jul 2020 12:45

Instrument :

MSVOA_N

ClientSampleId :

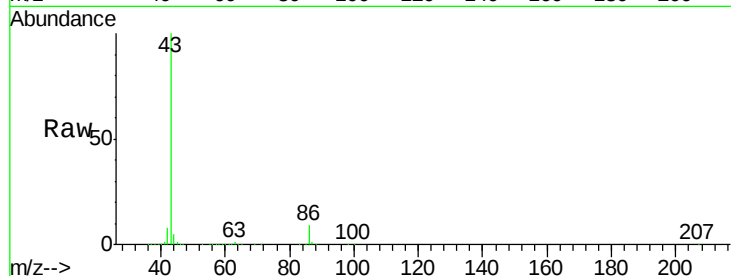
VSTDICCC050

Tgt Ion: 43 Resp: 2135789

Ion Ratio Lower Upper

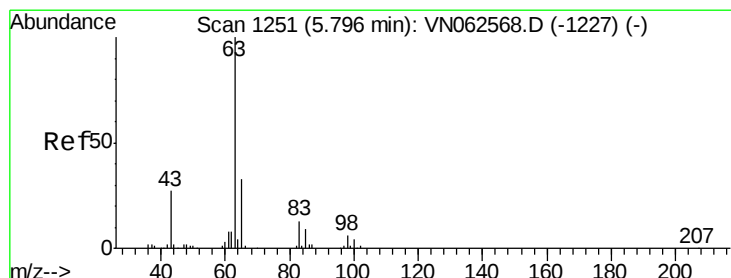
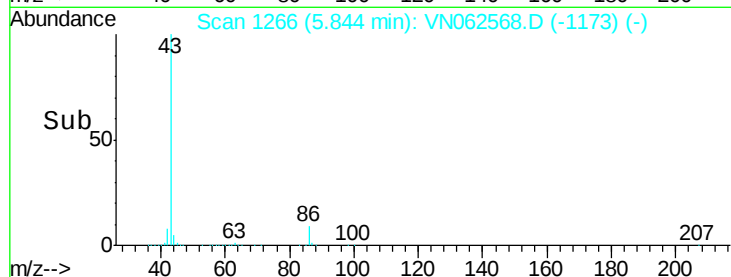
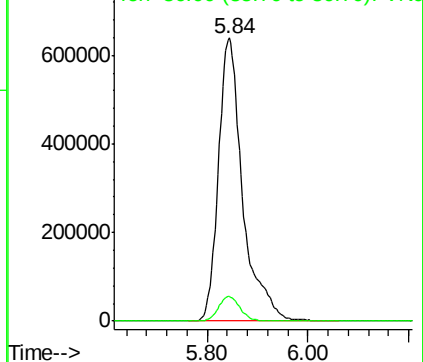
43 100

86 8.6 6.9 10.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 50.128 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VN062568.D

Acq: 21 Jul 2020 12:45

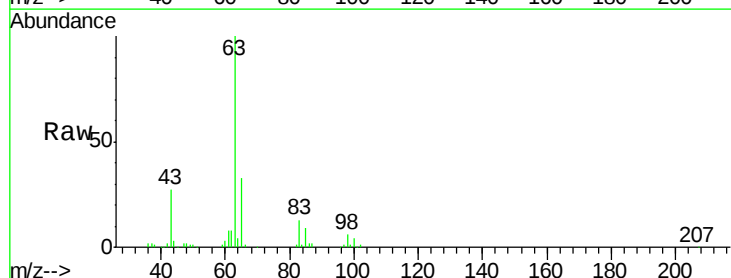
Tgt Ion: 63 Resp: 264719

Ion Ratio Lower Upper

63 100

98 5.9 2.9 8.8

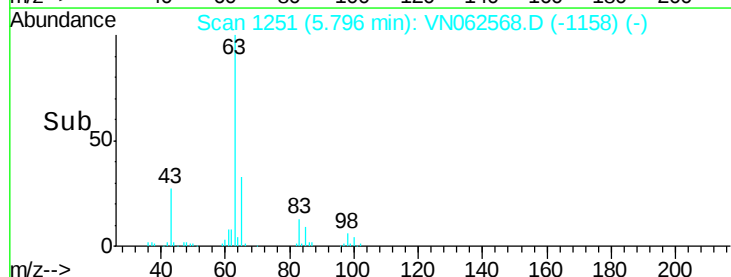
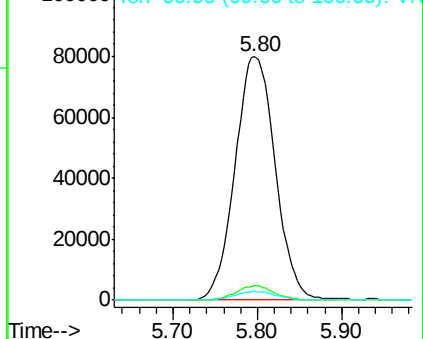
100 3.6 1.8 5.4

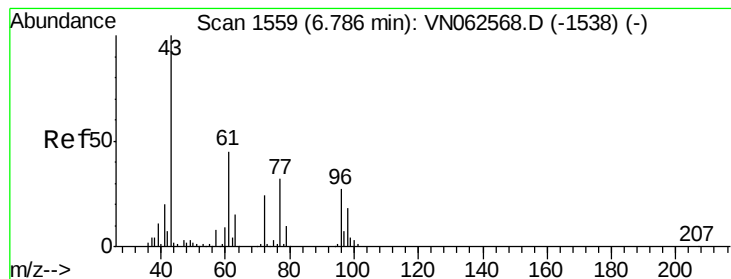


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 243.364 ug/l

RT: 6.79 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VN062568.D

Acq: 21 Jul 2020 12:45

Instrument :

MSVOA_N

ClientSampleId :

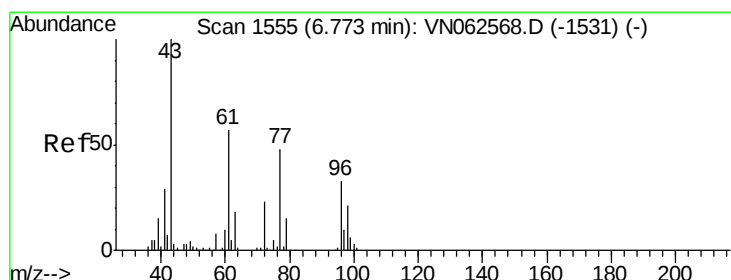
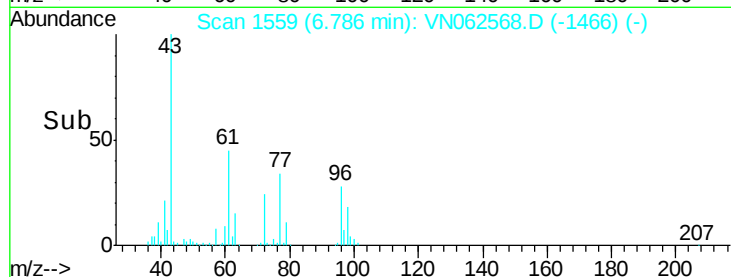
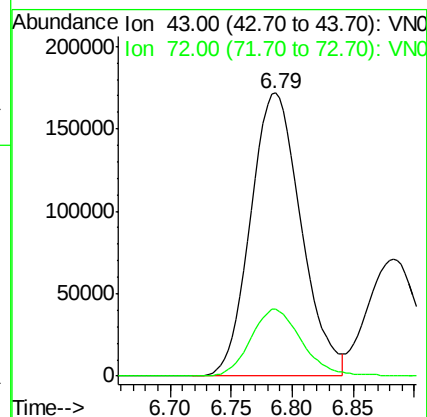
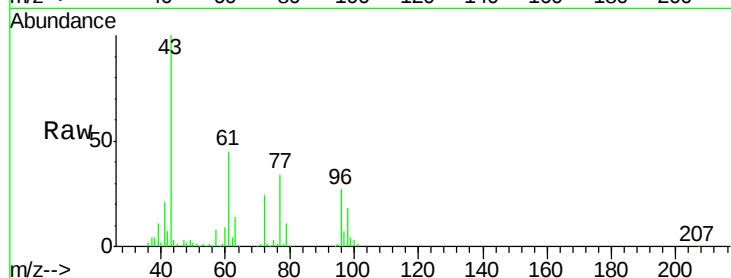
VSTDICCC050

Tgt Ion: 43 Resp: 492306

Ion Ratio Lower Upper

43 100

72 23.8 19.0 28.6



#26

2,2-Dichloropropane

Concen: 51.673 ug/l

RT: 6.77 min Scan# 1555

Delta R.T. 0.00 min

Lab File: VN062568.D

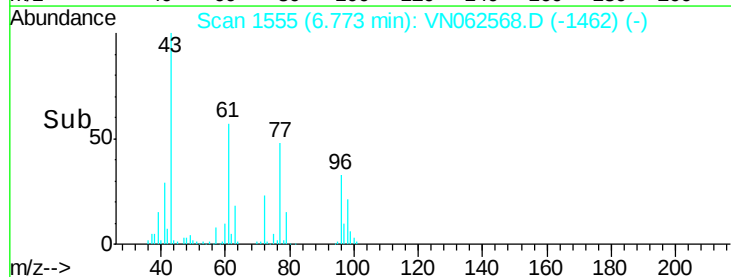
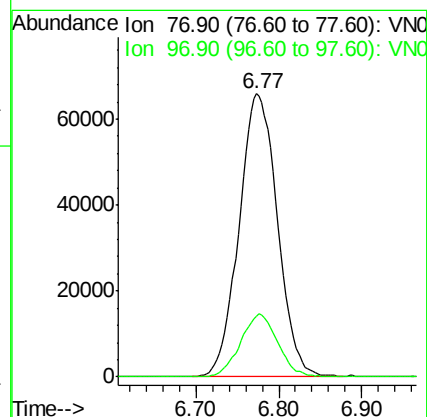
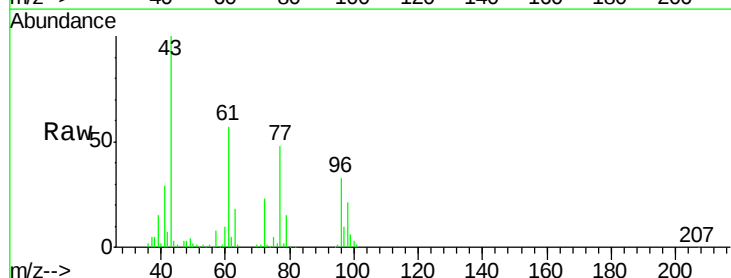
Acq: 21 Jul 2020 12:45

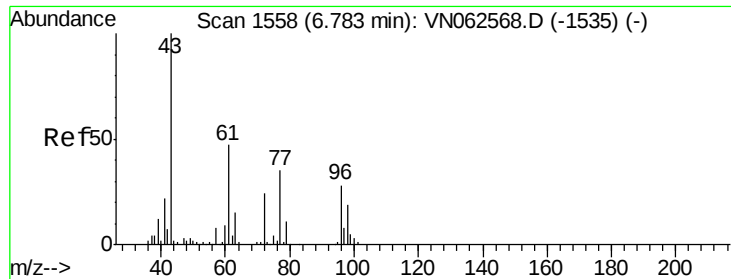
Tgt Ion: 77 Resp: 211529

Ion Ratio Lower Upper

77 100

97 21.6 10.8 32.4

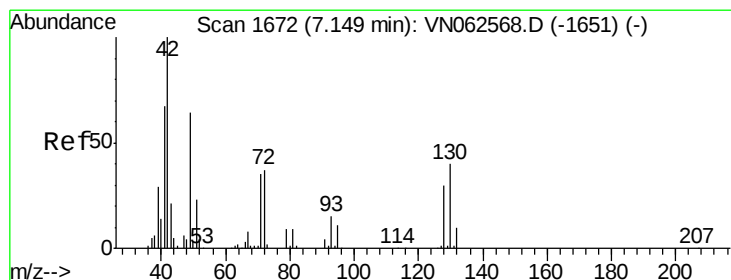
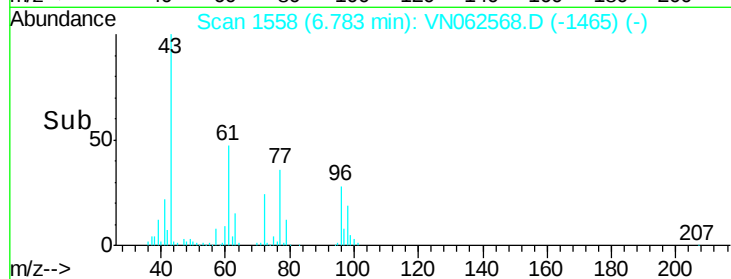
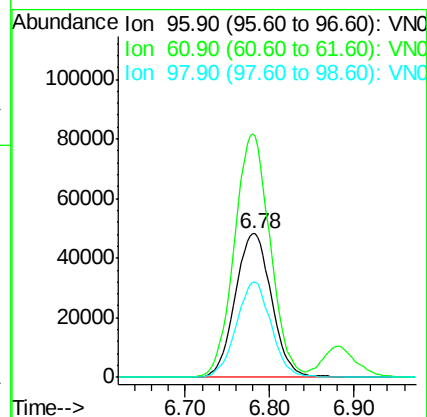
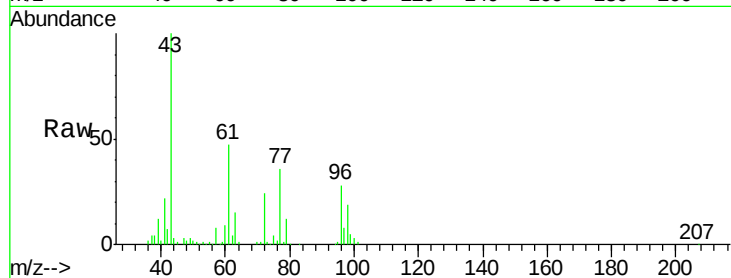




#27
 cis-1,2-Dichloroethene
 Concen: 52.178 ug/l
 RT: 6.78 min Scan# 1558
 Delta R.T. 0.00 min
 Lab File: VN062568.D
 Acq: 21 Jul 2020 12:45

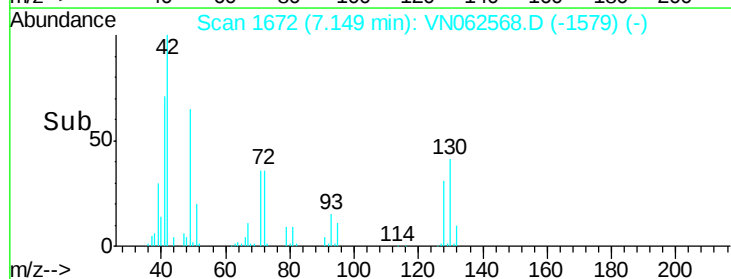
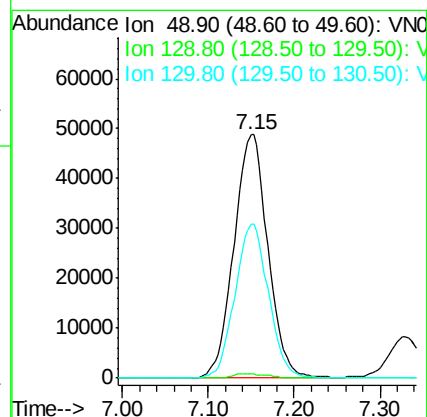
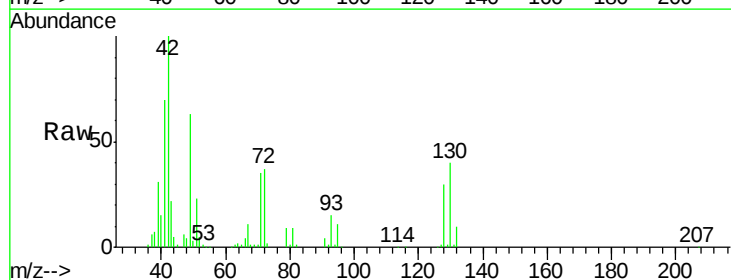
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

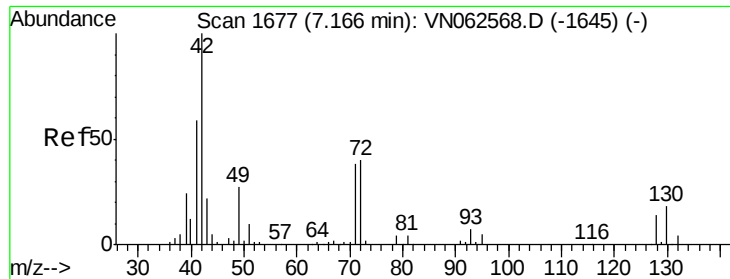
Tgt Ion: 96 Resp: 144911
 Ion Ratio Lower Upper
 96 100
 61 166.2 0.0 332.4
 98 63.7 0.0 127.4



#28
 Bromochloromethane
 Concen: 47.039 ug/l
 RT: 7.15 min Scan# 1672
 Delta R.T. 0.00 min
 Lab File: VN062568.D
 Acq: 21 Jul 2020 12:45

Tgt Ion: 49 Resp: 133991
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.4
 130 62.3 49.8 74.8





#29

Tetrahydrofuran

Concen: 245.709 ug/l

RT: 7.17 min Scan# 1677

Delta R.T. 0.00 min

Lab File: VN062568.D

Acq: 21 Jul 2020 12:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

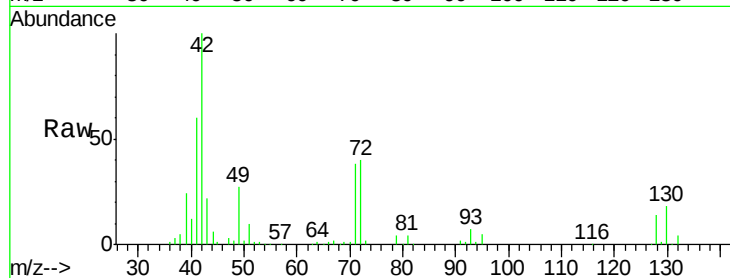
Tgt Ion: 42 Resp: 335383

Ion Ratio Lower Upper

42 100

72 38.4 30.7 46.1

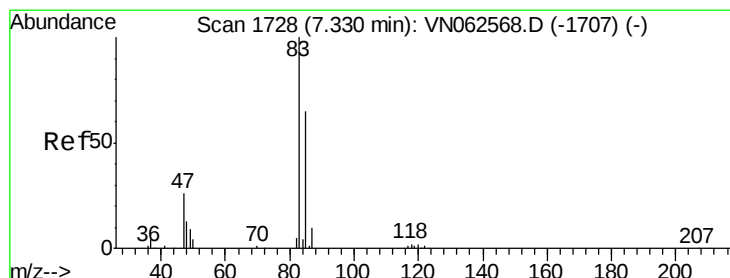
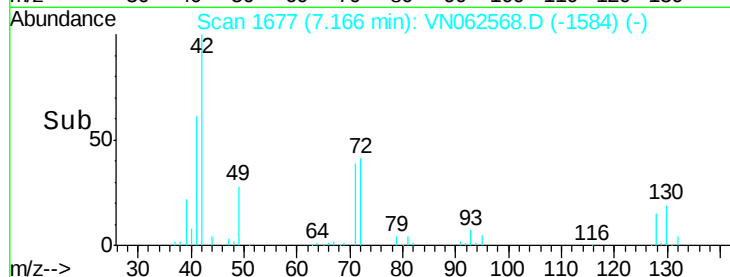
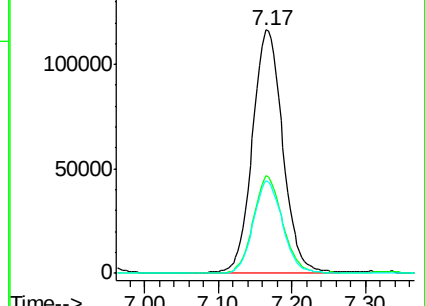
71 36.4 29.1 43.7



Abundance Ion 42.00 (41.70 to 42.70): VN062568.D (-1645) (-)

Ion 72.00 (71.70 to 72.70): VN062568.D (-1645) (-)

Ion 71.00 (70.70 to 71.70): VN062568.D (-1645) (-)



#30

Chloroform

Concen: 52.019 ug/l

RT: 7.33 min Scan# 1728

Delta R.T. 0.00 min

Lab File: VN062568.D

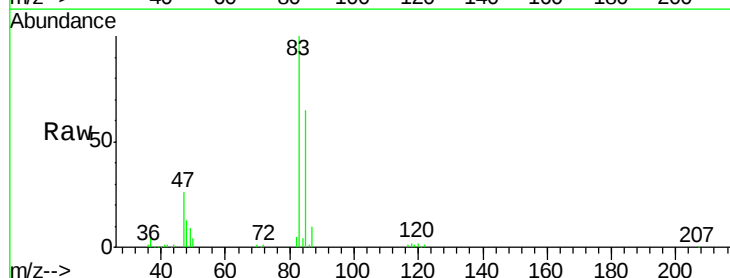
Acq: 21 Jul 2020 12:45

Tgt Ion: 83 Resp: 249524

Ion Ratio Lower Upper

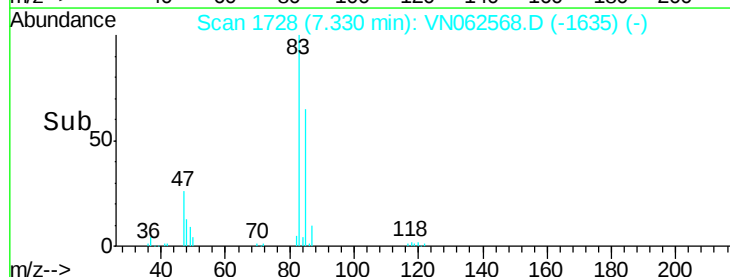
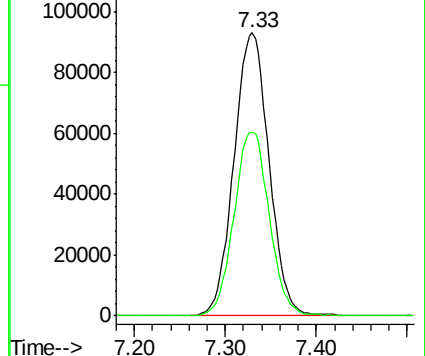
83 100

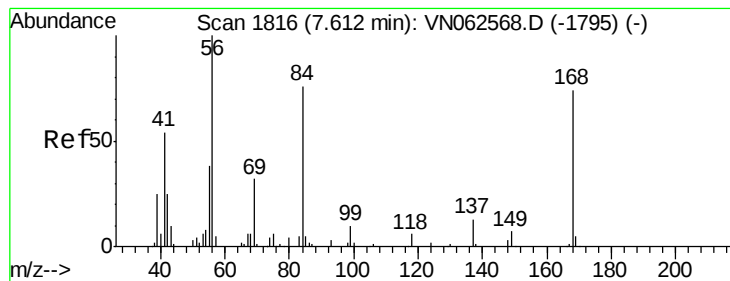
85 65.0 52.0 78.0



Abundance Ion 82.90 (82.60 to 83.60): VN062568.D (-1707) (-)

Ion 84.90 (84.60 to 85.60): VN062568.D (-1707) (-)





#31

Cyclohexane

Concen: 46.967 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VN062568.D

Acq: 21 Jul 2020 12:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

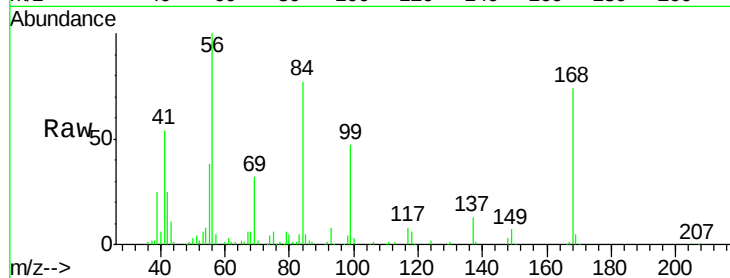
Tgt Ion: 56 Resp: 234112

Ion Ratio Lower Upper

56 100

69 31.6 25.3 37.9

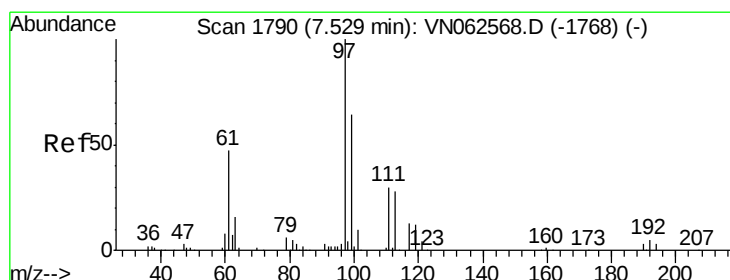
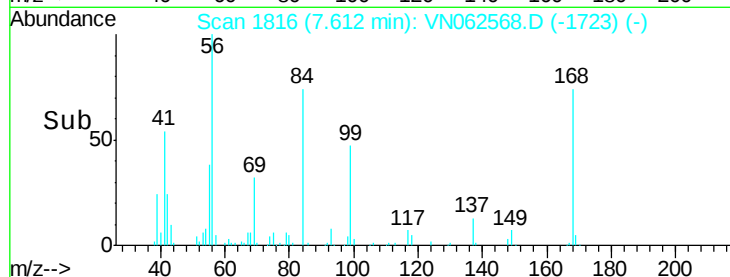
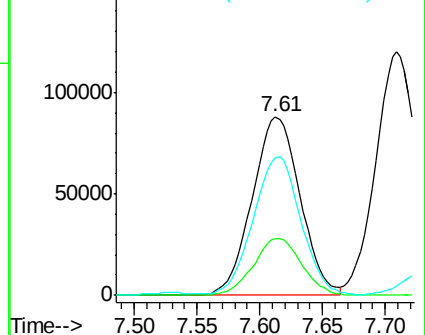
84 76.2 61.0 91.4



Abundance Ion 56.00 (55.70 to 56.70): VN062568.D (-1795) (-)

Ion 69.00 (68.70 to 69.70): VN062568.D (-1795) (-)

Ion 84.00 (83.70 to 84.70): VN062568.D (-1795) (-)



#32

1,1,1-Trichloroethane

Concen: 52.557 ug/l

RT: 7.53 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VN062568.D

Acq: 21 Jul 2020 12:45

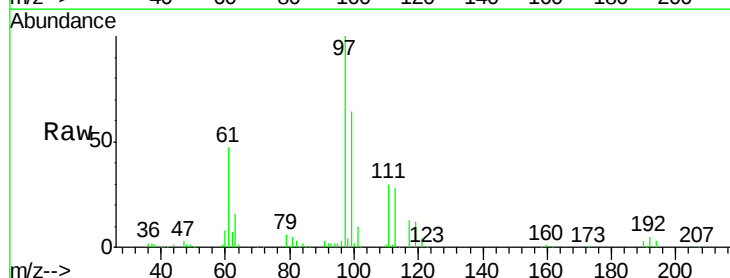
Tgt Ion: 97 Resp: 210283

Ion Ratio Lower Upper

97 100

99 64.0 51.2 76.8

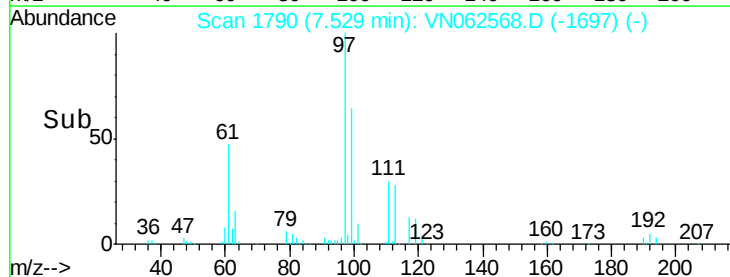
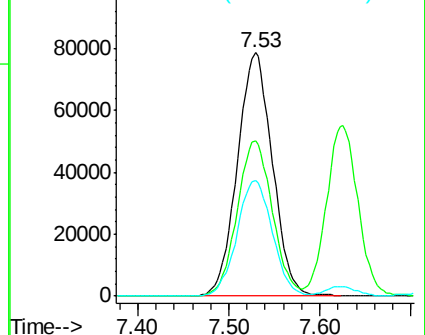
61 48.0 38.4 57.6

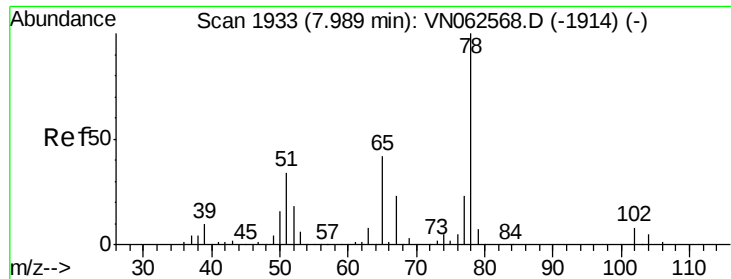


Abundance Ion 96.90 (96.60 to 97.60): VN062568.D (-1768) (-)

Ion 98.90 (98.60 to 99.60): VN062568.D (-1768) (-)

Ion 60.90 (60.60 to 61.60): VN062568.D (-1768) (-)

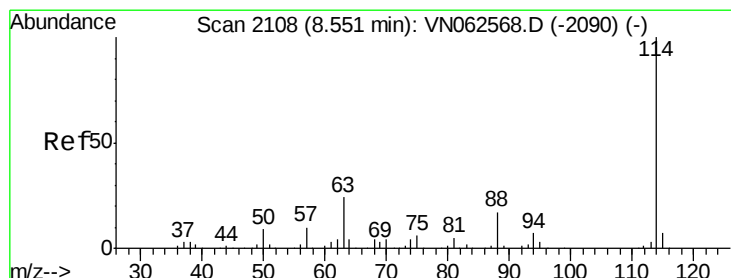
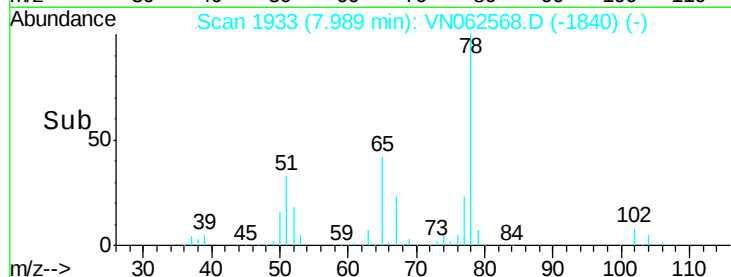
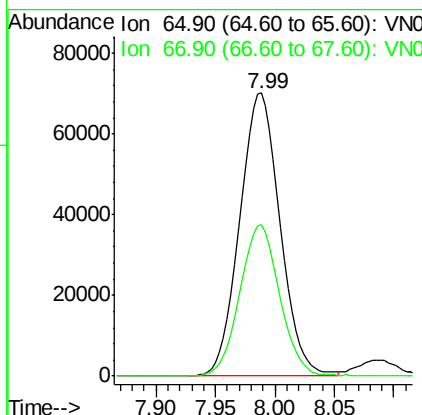
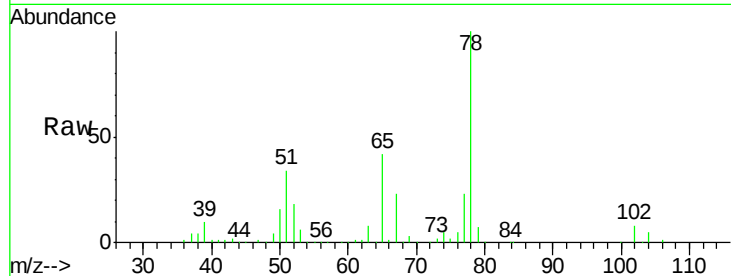




#33
 1,2-Dichloroethane-d4
 Concen: 49.785 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN062568.D
 Acq: 21 Jul 2020 12:45

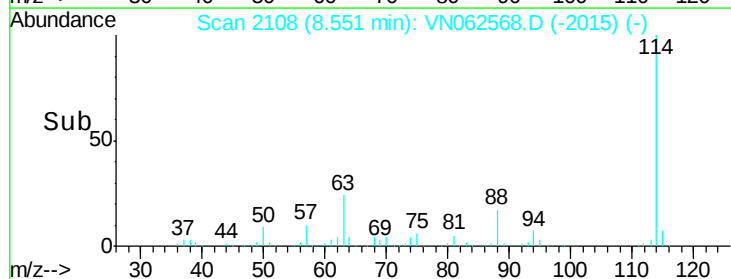
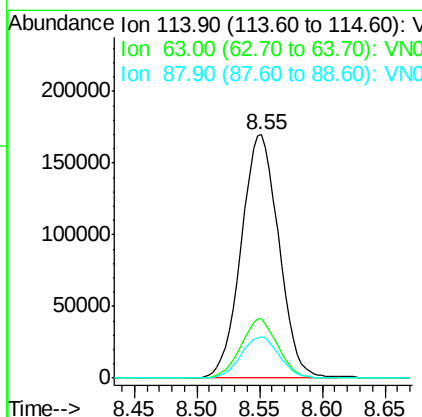
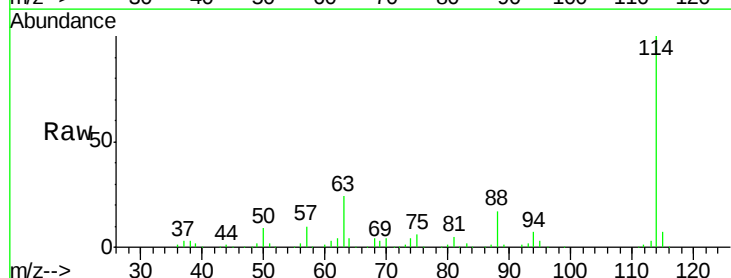
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

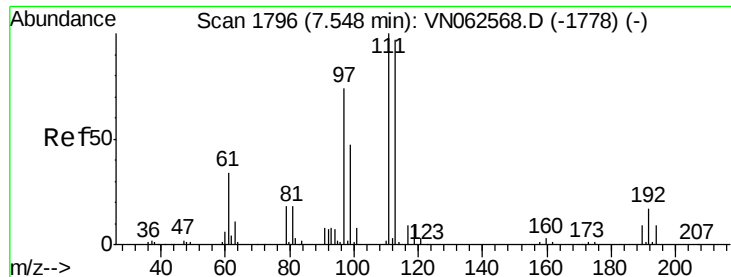
Tgt Ion: 65 Resp: 164773
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN062568.D
 Acq: 21 Jul 2020 12:45

Tgt Ion: 114 Resp: 354489
 Ion Ratio Lower Upper
 114 100
 63 24.2 0.0 48.4
 88 16.9 0.0 33.8

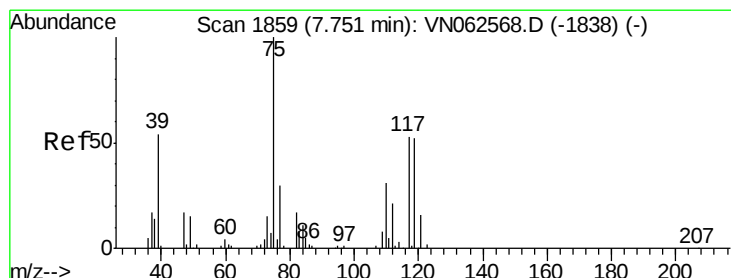
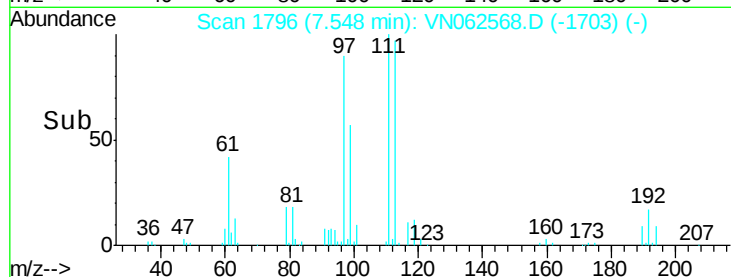
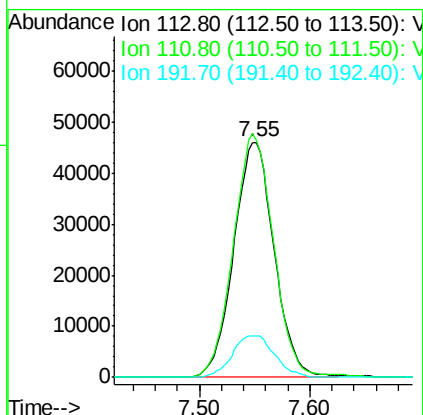
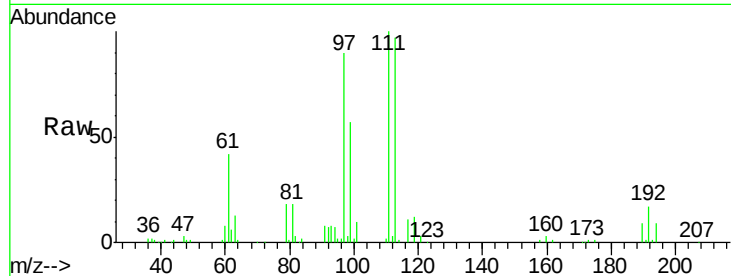




#35
Dibromofluoromethane
Concen: 53.042 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. 0.00 min
Lab File: VN062568.D
Acq: 21 Jul 2020 12:45

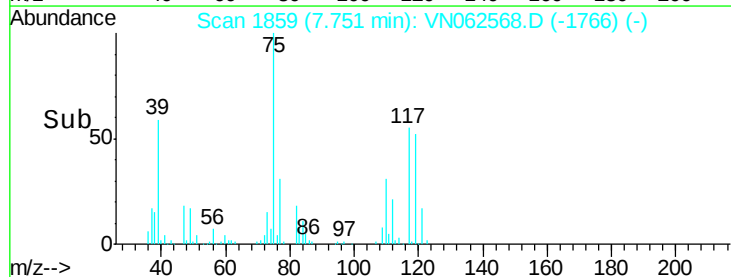
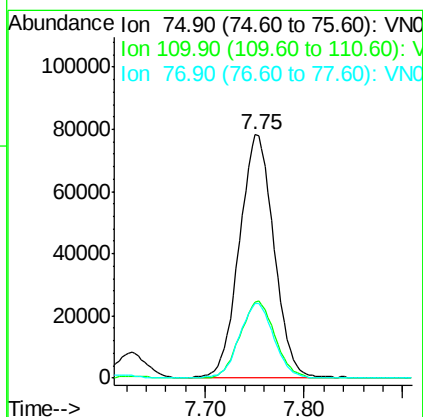
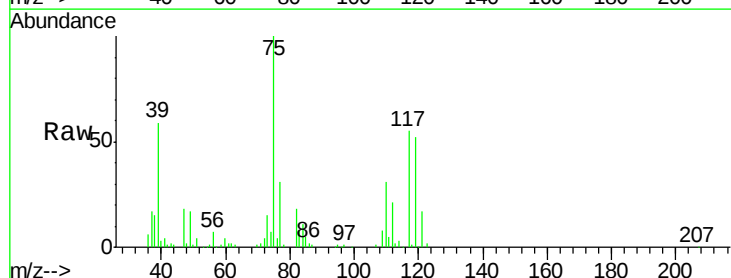
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

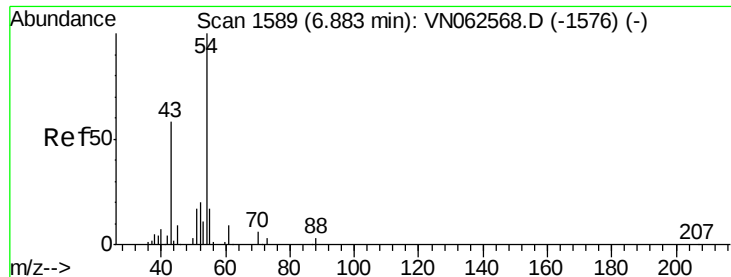
Tgt Ion: 113 Resp: 116760
Ion Ratio Lower Upper
113 100
111 103.4 82.7 124.1
192 18.5 14.8 22.2



#36
1,1-Dichloropropene
Concen: 52.967 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VN062568.D
Acq: 21 Jul 2020 12:45

Tgt Ion: 75 Resp: 189008
Ion Ratio Lower Upper
75 100
110 32.0 16.0 48.0
77 30.7 24.6 36.8

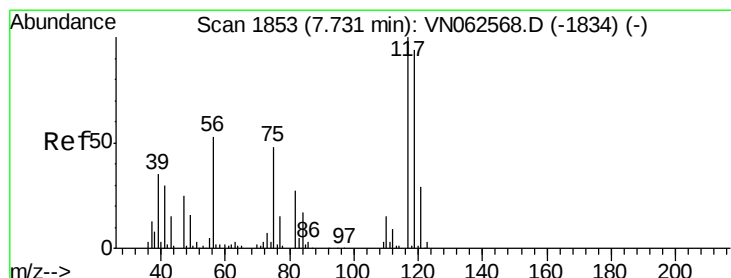
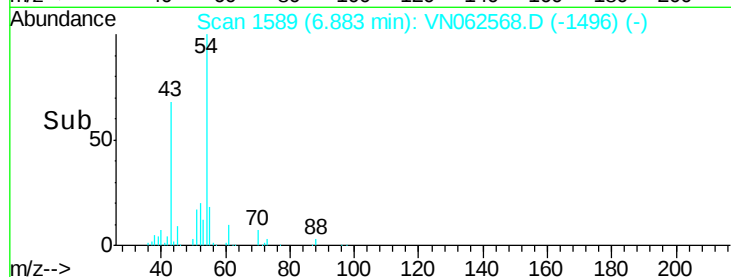
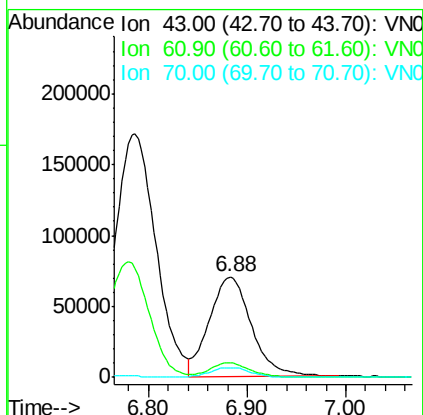
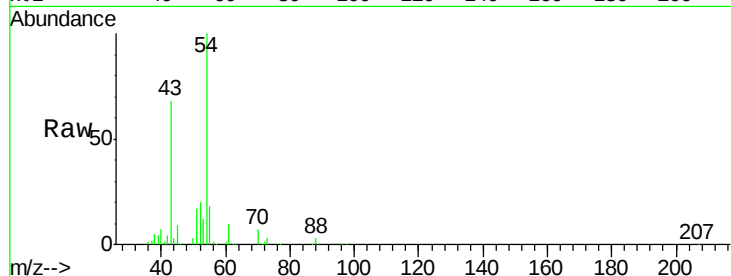




#37
 Ethyl Acetate
 Concen: 50.576 ug/l
 RT: 6.88 min Scan# 1589
 Delta R.T. 0.00 min
 Lab File: VN062568.D
 Acq: 21 Jul 2020 12:45

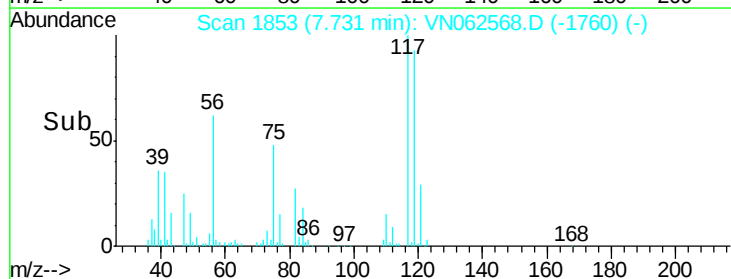
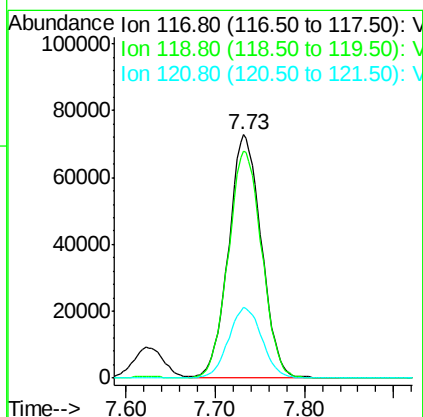
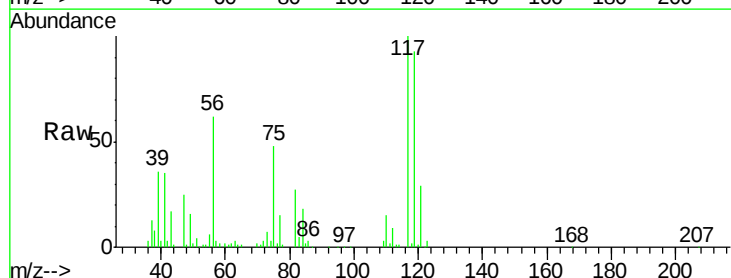
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

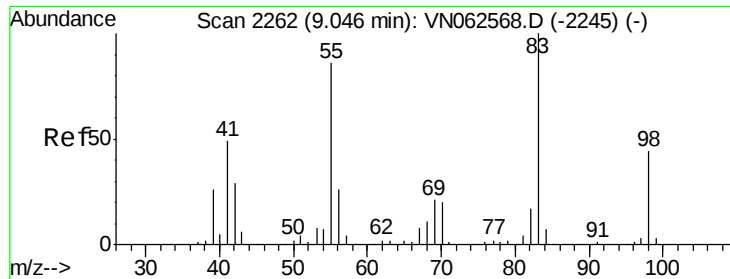
Tgt Ion: 43 Resp: 209853
 Ion Ratio Lower Upper
 43 100
 61 14.1 11.3 16.9
 70 9.6 7.7 11.5



#38
 Carbon Tetrachloride
 Concen: 56.968 ug/l
 RT: 7.73 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VN062568.D
 Acq: 21 Jul 2020 12:45

Tgt Ion: 117 Resp: 185721
 Ion Ratio Lower Upper
 117 100
 119 93.5 74.8 112.2
 121 28.8 23.0 34.6

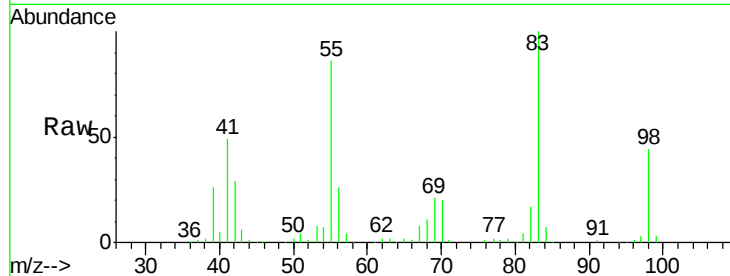




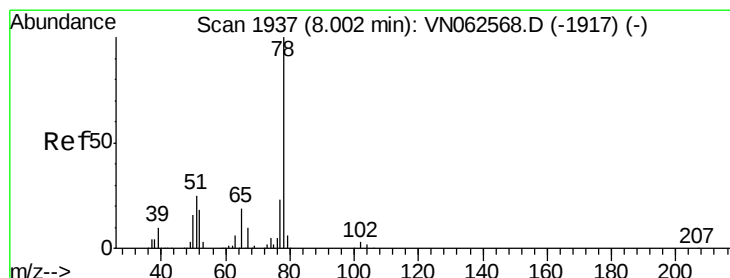
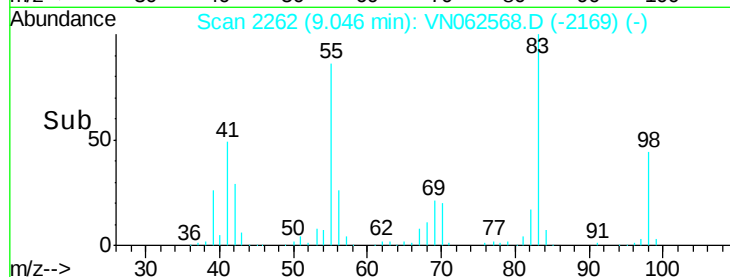
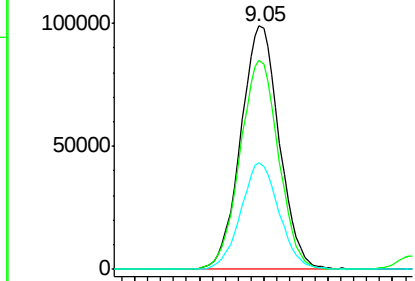
#39
Methylcyclohexane
Concen: 54.052 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN062568.D
Acq: 21 Jul 2020 12:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 205800
Ion Ratio Lower Upper
83 100
55 86.1 68.9 103.3
98 43.9 35.1 52.7

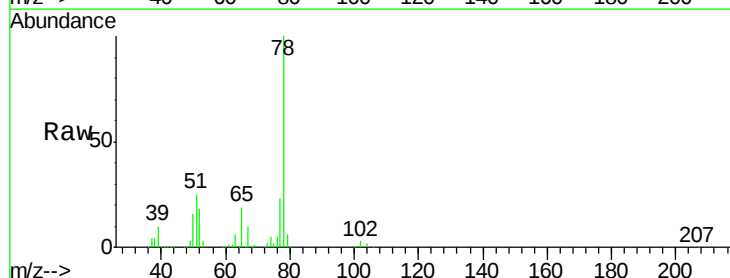


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

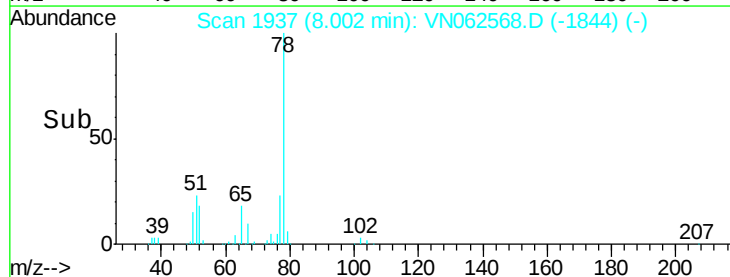
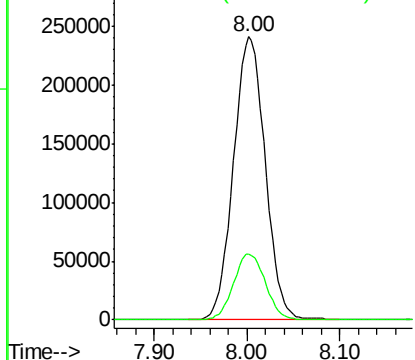


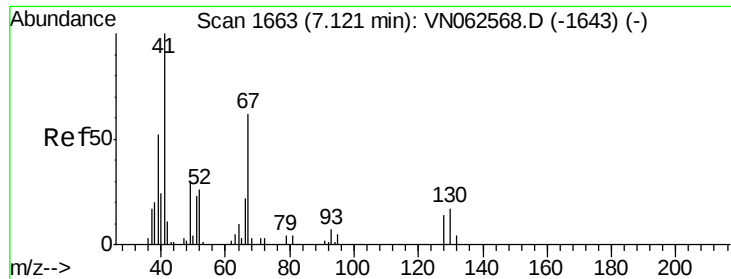
#40
Benzene
Concen: 54.109 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VN062568.D
Acq: 21 Jul 2020 12:45

Tgt Ion: 78 Resp: 572548
Ion Ratio Lower Upper
78 100
77 23.4 18.7 28.1



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

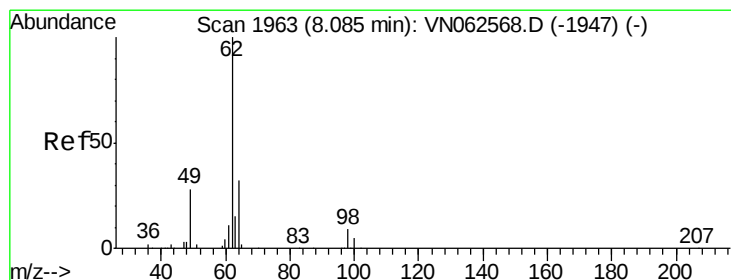
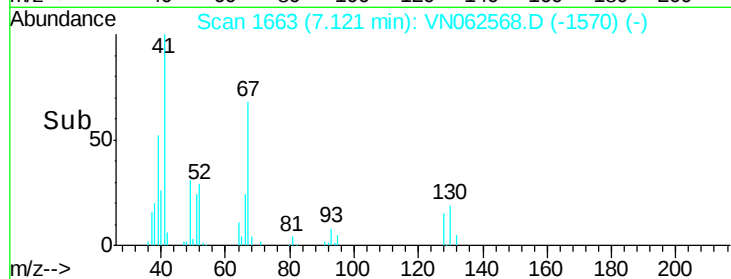
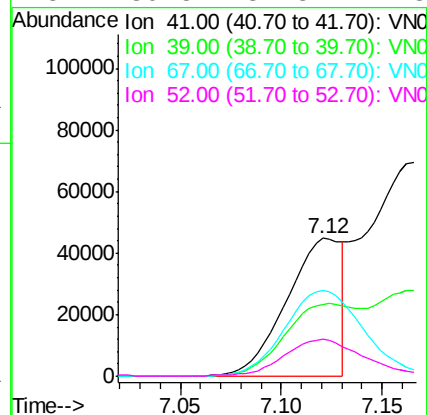
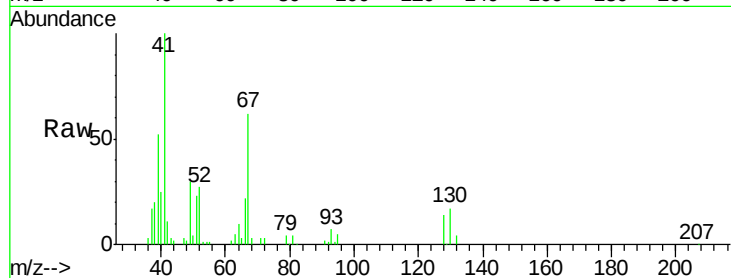




#41
Methacrylonitrile
Concen: 49.732 ug/l
RT: 7.12 min Scan# 1663
Delta R.T. 0.00 min
Lab File: VN062568.D
Acq: 21 Jul 2020 12:45

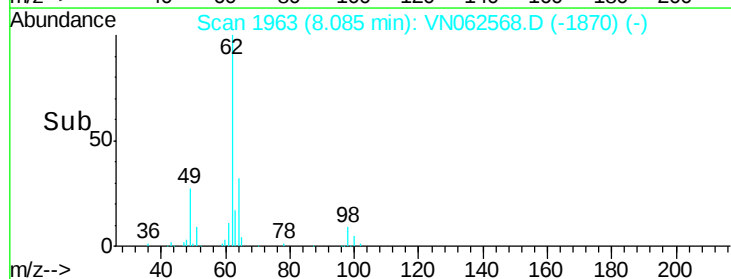
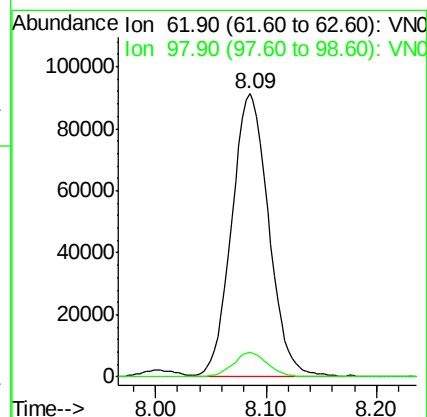
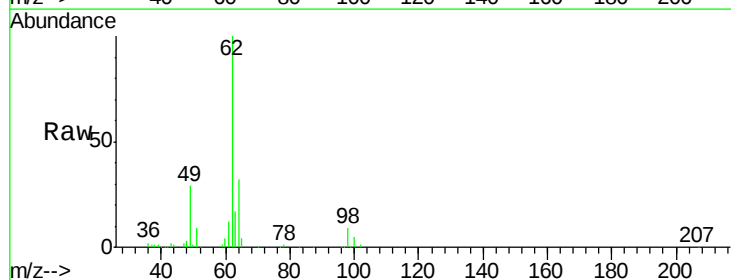
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

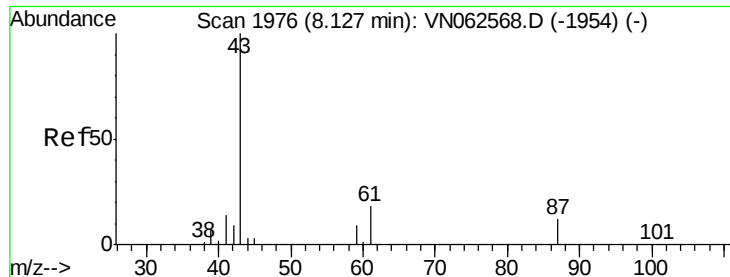
Tgt Ion:	41	Resp:	84581
Ion	Ratio	Lower	Upper
41	100		
39	69.7	55.8	83.6
67	90.6	72.5	108.7
52	39.8	31.8	47.8



#42
1,2-Dichloroethane
Concen: 54.530 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VN062568.D
Acq: 21 Jul 2020 12:45

Tgt Ion:	62	Resp:	211261
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	16.2





#43

Isopropyl Acetate

Concen: 52.503 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN062568.D

Acq: 21 Jul 2020 12:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

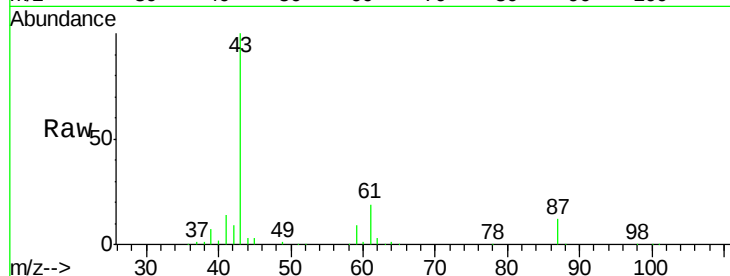
Tgt Ion: 43 Resp: 344266

Ion Ratio Lower Upper

43 100

61 26.0 20.8 31.2

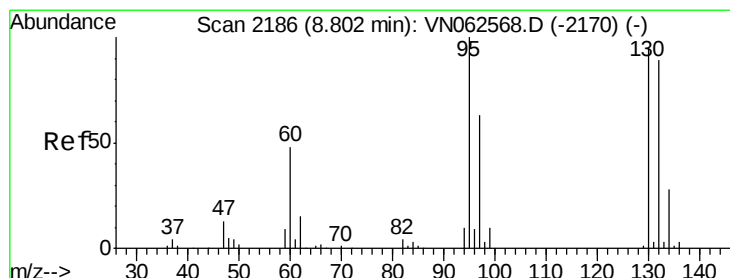
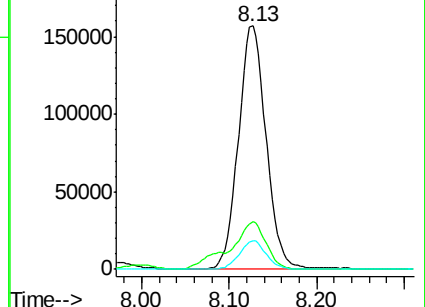
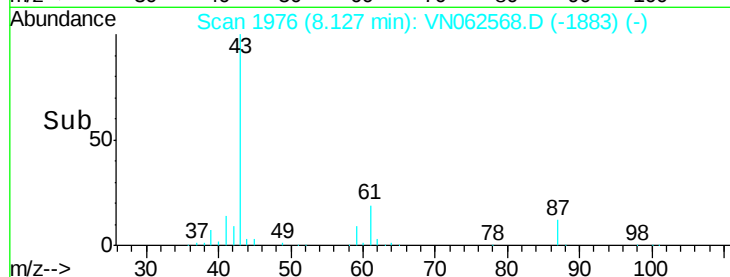
87 11.5 9.2 13.8



Abundance Ion 43.00 (42.70 to 43.70): VN062568.D (-1954) (-)

Ion 61.00 (60.70 to 61.70): VN062568.D (-1954) (-)

Ion 87.00 (86.70 to 87.70): VN062568.D (-1954) (-)



#44

Trichloroethene

Concen: 54.889 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. 0.00 min

Lab File: VN062568.D

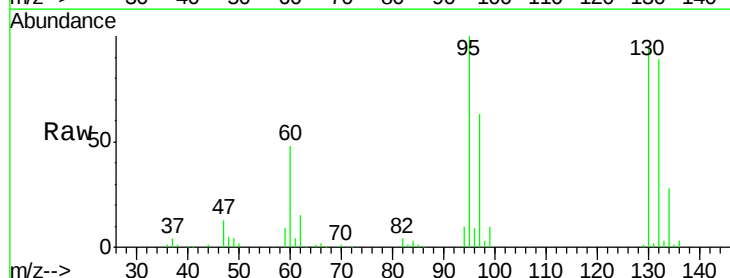
Acq: 21 Jul 2020 12:45

Tgt Ion: 130 Resp: 129339

Ion Ratio Lower Upper

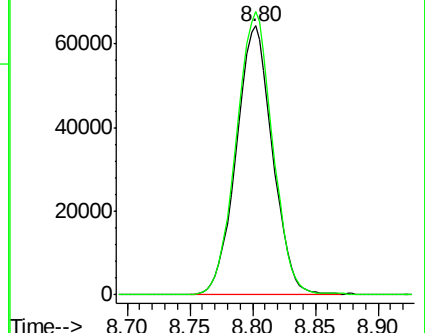
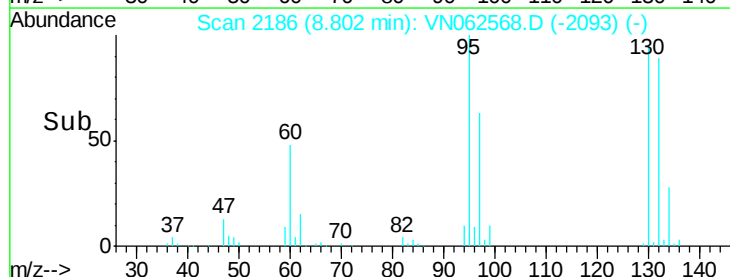
130 100

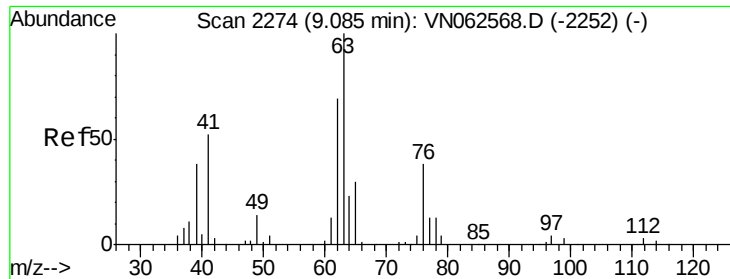
95 105.2 0.0 210.4



Abundance Ion 129.80 (129.50 to 130.50): VN062568.D (-2170) (-)

Ion 94.90 (94.60 to 95.60): VN062568.D (-2170) (-)

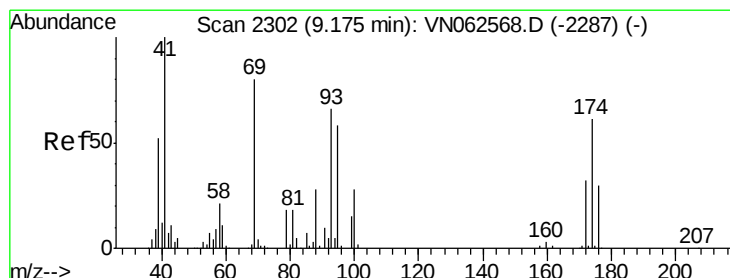
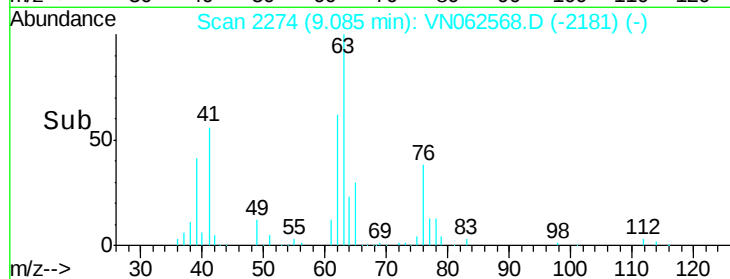
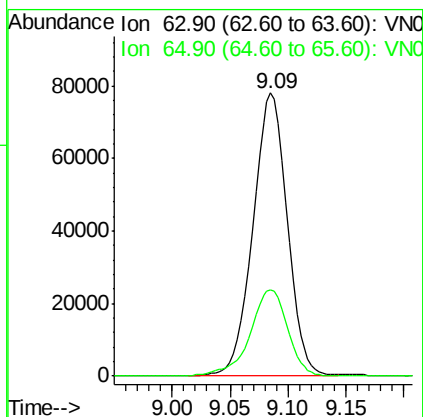
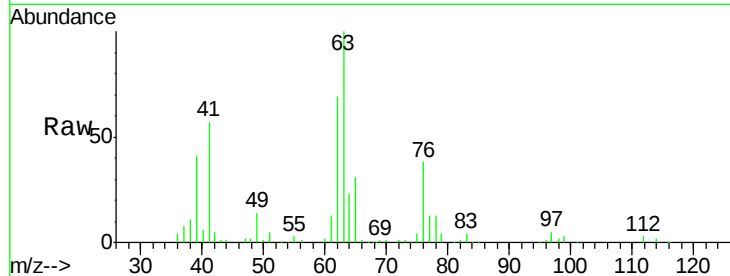




#45
 1,2-Dichloropropane
 Concen: 52.830 ug/l
 RT: 9.09 min Scan# 2274
 Delta R.T. 0.00 min
 Lab File: VN062568.D
 Acq: 21 Jul 2020 12:45

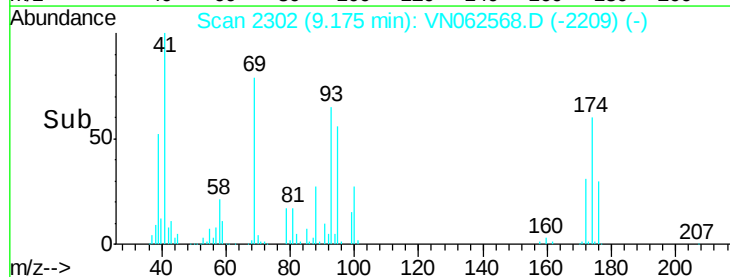
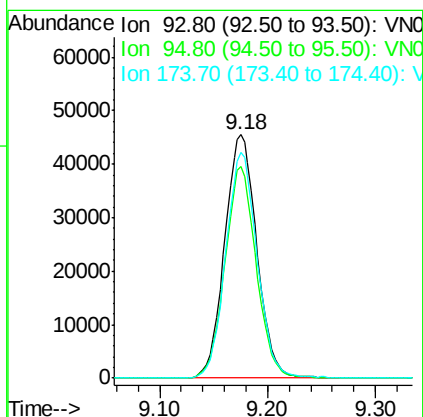
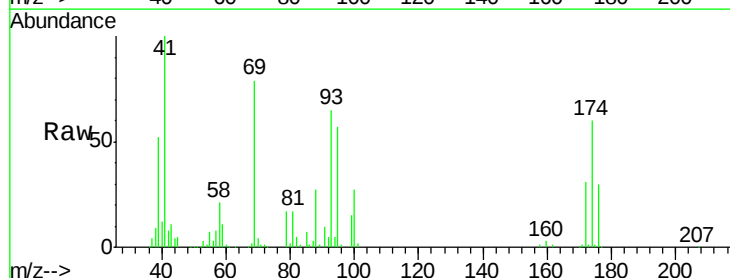
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

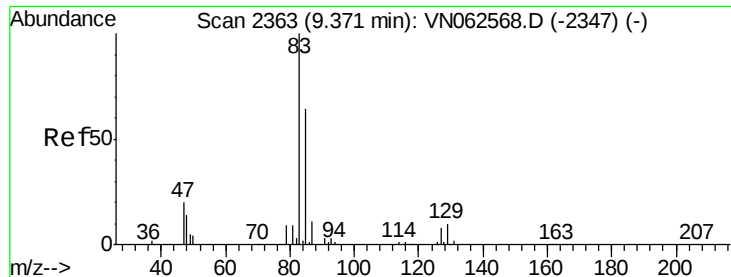
Tgt Ion: 63 Resp: 161303
 Ion Ratio Lower Upper
 63 100
 65 30.5 24.4 36.6



#46
 Dibromomethane
 Concen: 54.430 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. 0.00 min
 Lab File: VN062568.D
 Acq: 21 Jul 2020 12:45

Tgt Ion: 93 Resp: 94403
 Ion Ratio Lower Upper
 93 100
 95 84.5 67.6 101.4
 174 90.6 72.5 108.7





#47

Bromodichloromethane

Concen: 54.595 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. 0.00 min

Lab File: VN062568.D

Acq: 21 Jul 2020 12:45

Instrument :

MSVOA_N

ClientSampled :

VSTDICCC050

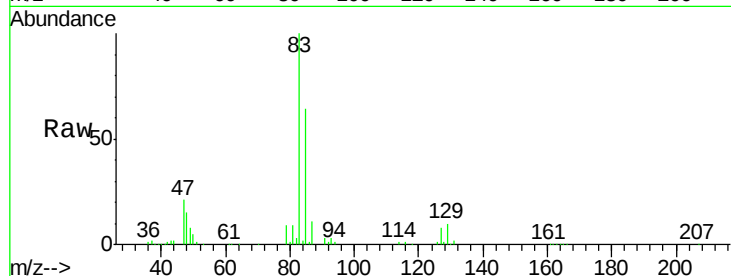
Tgt Ion: 83 Resp: 201936

Ion Ratio Lower Upper

83 100

85 64.5 51.6 77.4

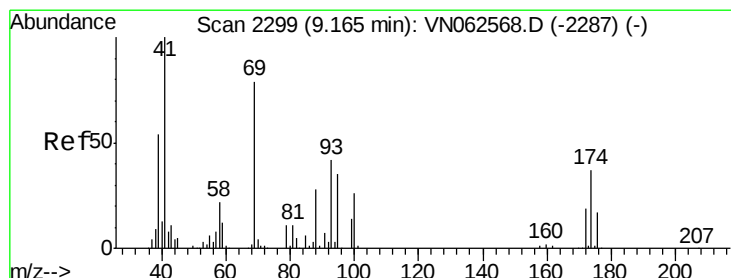
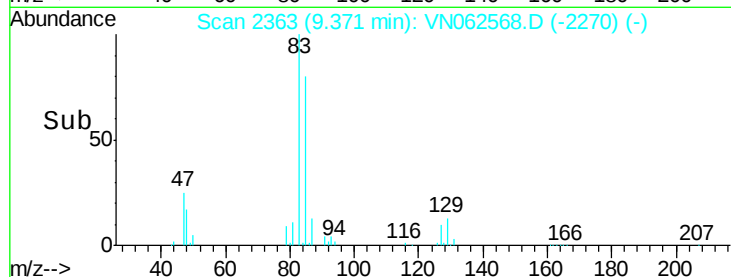
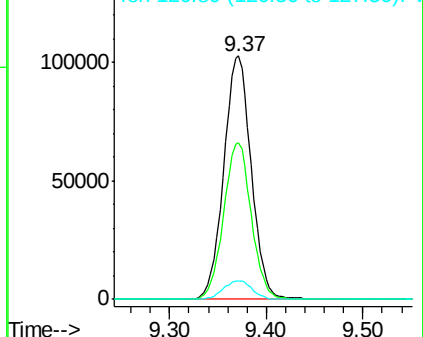
127 7.7 6.2 9.2



Abundance Ion 82.90 (82.60 to 83.60): VN062568.D (-2347) (-)

Ion 84.90 (84.60 to 85.60): VN062568.D (-2347) (-)

Ion 126.80 (126.50 to 127.50): VN062568.D (-2347) (-)



#48

Methyl methacrylate

Concen: 50.967 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. 0.00 min

Lab File: VN062568.D

Acq: 21 Jul 2020 12:45

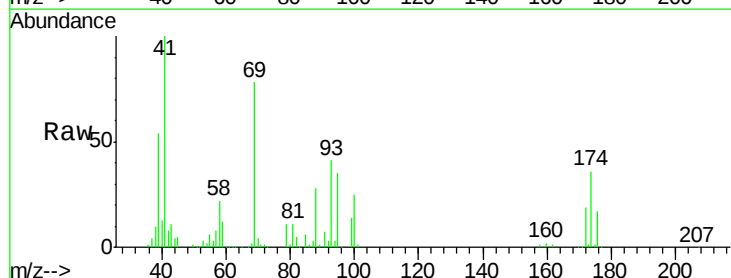
Tgt Ion: 41 Resp: 163159

Ion Ratio Lower Upper

41 100

69 80.5 64.4 96.6

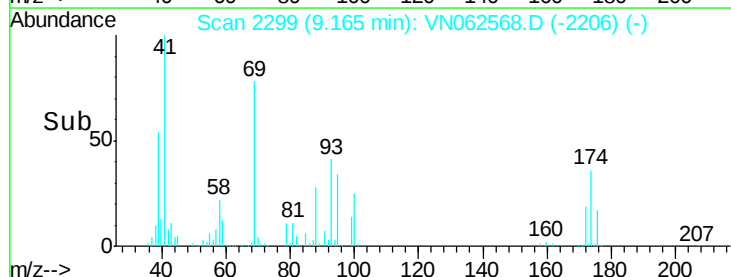
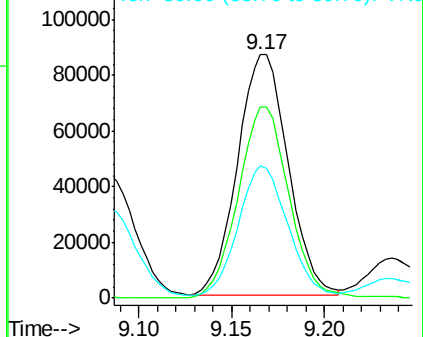
39 54.4 43.5 65.3



Abundance Ion 41.00 (40.70 to 41.70): VN062568.D (-2287) (-)

Ion 69.00 (68.70 to 69.70): VN062568.D (-2287) (-)

Ion 39.00 (38.70 to 39.70): VN062568.D (-2287) (-)

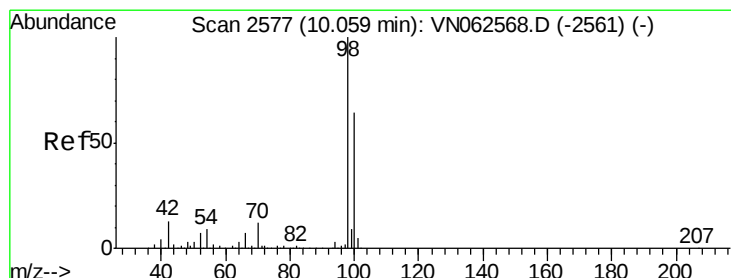
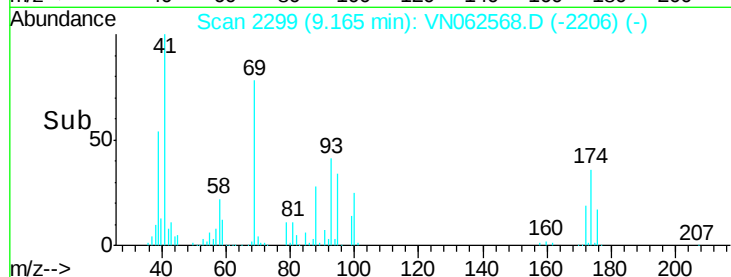
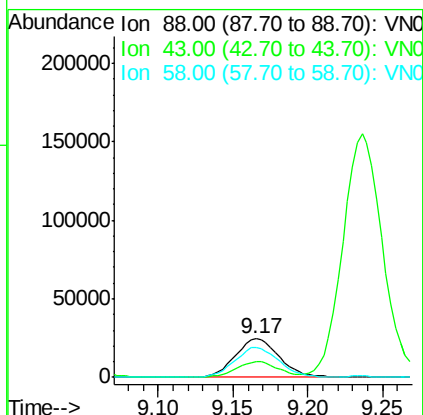
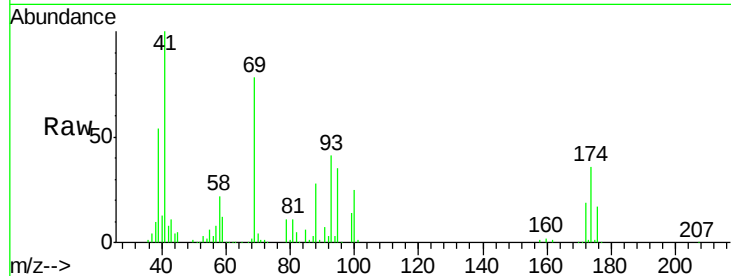




#49
1,4-Dioxane
Concen: 1068.254 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. 0.00 min
Lab File: VN062568.D
Acq: 21 Jul 2020 12:45

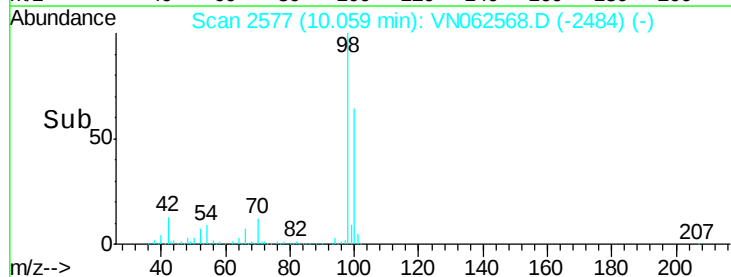
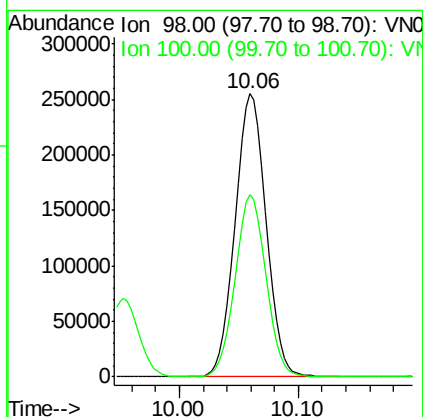
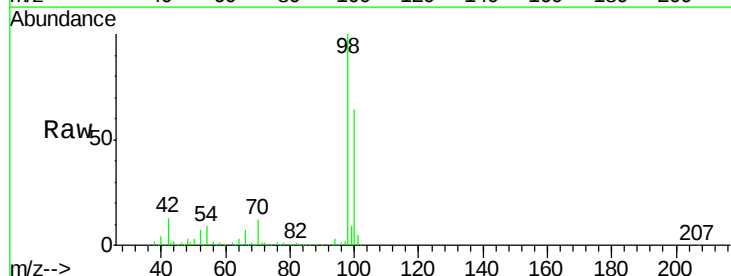
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

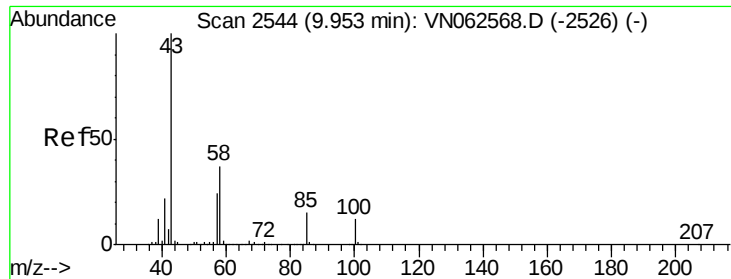
Tgt Ion: 88 Resp: 50365
Ion Ratio Lower Upper
88 100
43 40.0 32.0 48.0
58 78.5 62.8 94.2



#50
Toluene-d8
Concen: 53.030 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN062568.D
Acq: 21 Jul 2020 12:45

Tgt Ion: 98 Resp: 461305
Ion Ratio Lower Upper
98 100
100 63.6 50.9 76.3

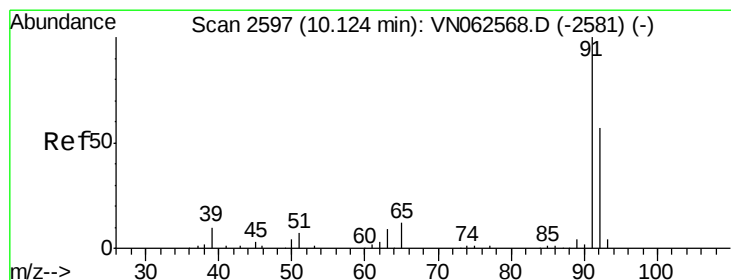
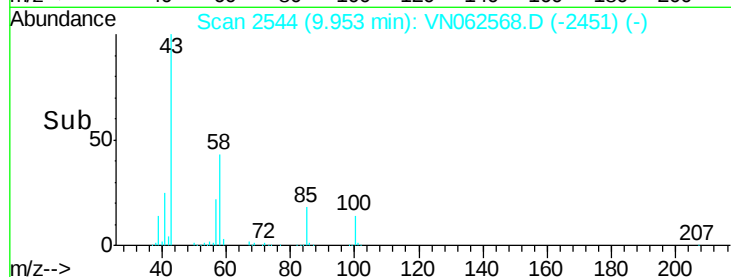
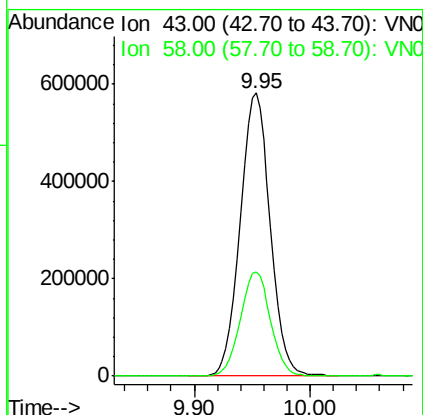
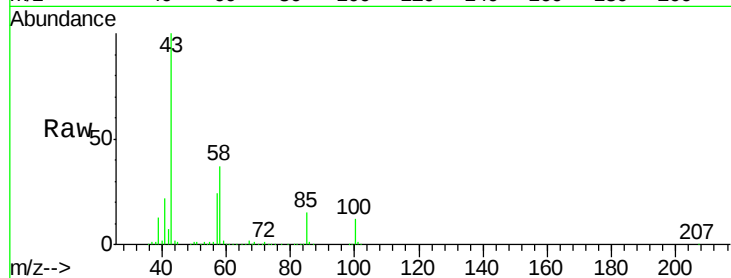




#51
 4-Methyl-2-Pentanone
 Concen: 266.753 ug/l
 RT: 9.95 min Scan# 2544
 Delta R.T. 0.00 min
 Lab File: VN062568.D
 Acq: 21 Jul 2020 12:45

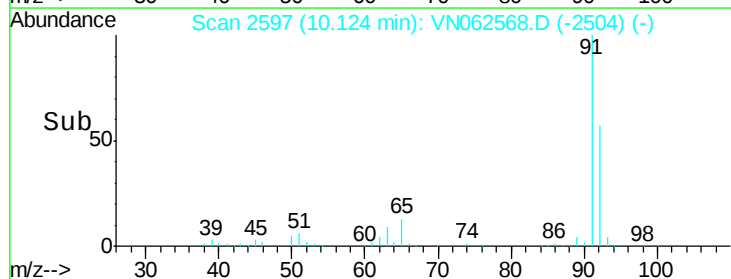
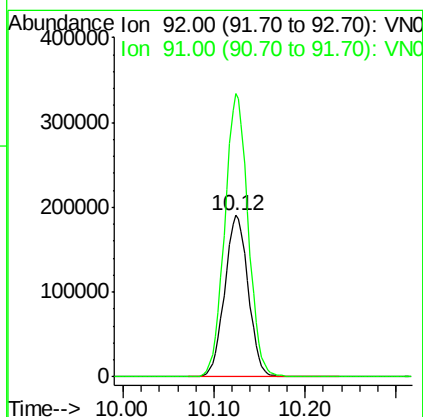
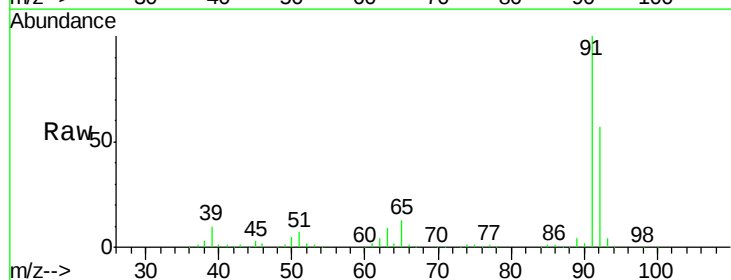
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

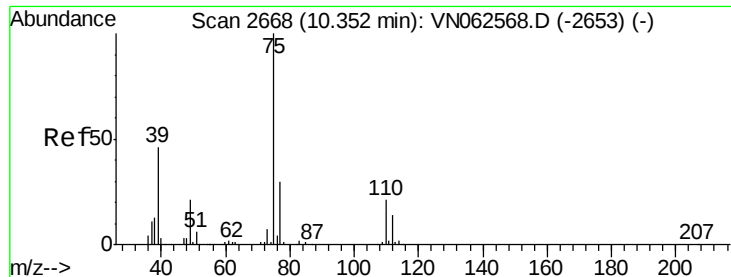
Tgt Ion: 43 Resp: 1042941
 Ion Ratio Lower Upper
 43 100
 58 37.2 29.8 44.6



#52
 Toluene
 Concen: 55.784 ug/l
 RT: 10.12 min Scan# 2597
 Delta R.T. 0.00 min
 Lab File: VN062568.D
 Acq: 21 Jul 2020 12:45

Tgt Ion: 92 Resp: 342646
 Ion Ratio Lower Upper
 92 100
 91 174.3 139.4 209.2





#53

t-1,3-Dichloropropene

Concen: 56.067 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. 0.00 min

Lab File: VN062568.D

Acq: 21 Jul 2020 12:45

Instrument :

MSVOA_N

ClientSampled :

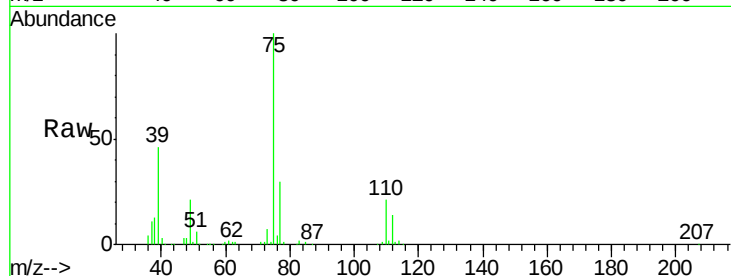
VSTDICCC050

Tgt Ion: 75 Resp: 233028

Ion Ratio Lower Upper

75 100

77 30.4 24.3 36.5



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.35

150000

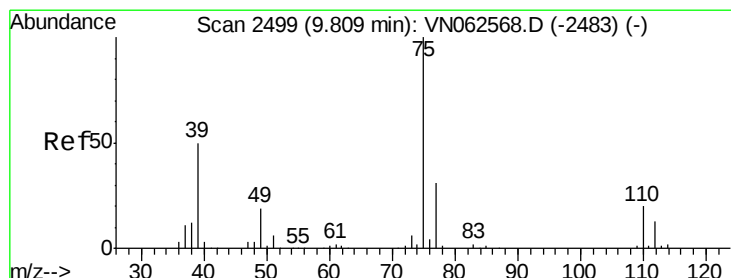
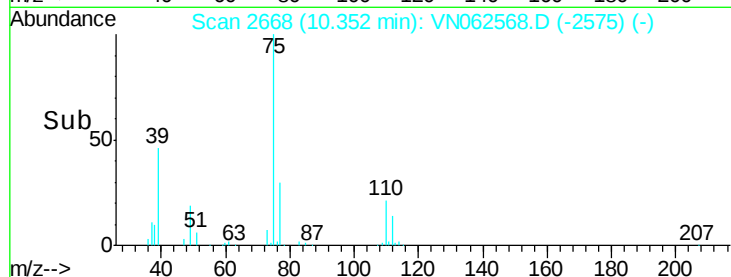
100000

50000

0

Time-->

10.30 10.35 10.40



#54

cis-1,3-Dichloropropene

Concen: 54.705 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. 0.00 min

Lab File: VN062568.D

Acq: 21 Jul 2020 12:45

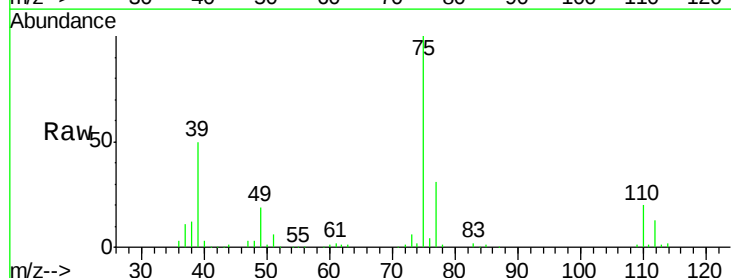
Tgt Ion: 75 Resp: 250305

Ion Ratio Lower Upper

75 100

77 31.3 25.0 37.6

39 49.8 39.8 59.8



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

9.81

150000

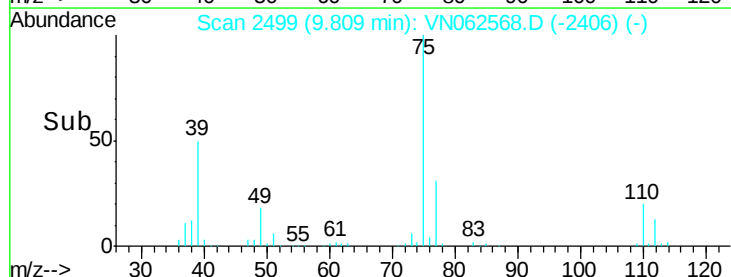
100000

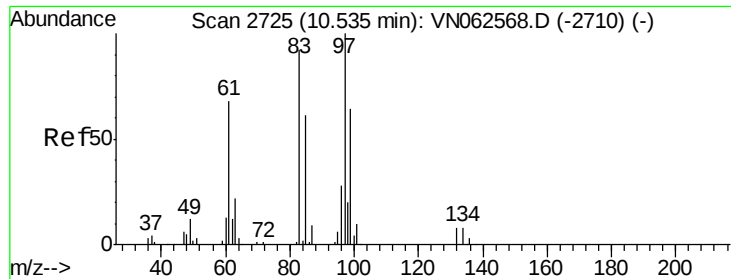
50000

0

Time-->

9.70 9.75 9.80 9.85 9.90

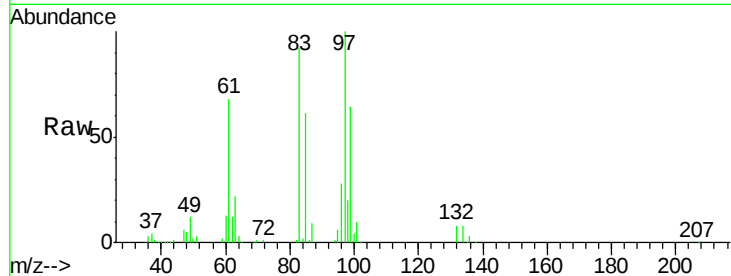




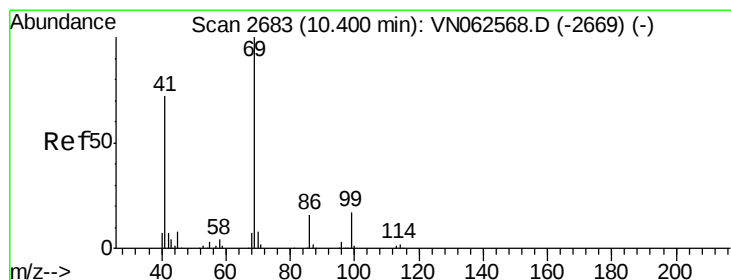
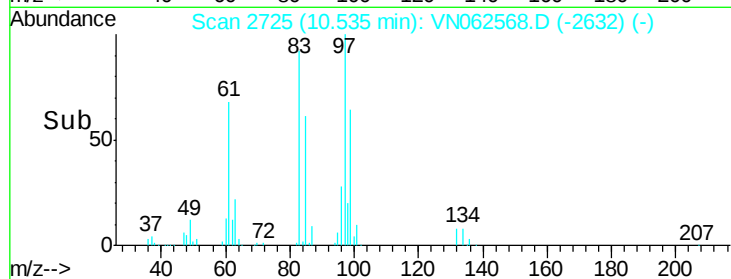
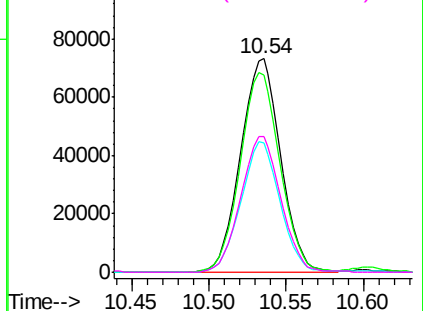
#55
 1,1,2-Trichloroethane
 Concen: 55.067 ug/l
 RT: 10.54 min Scan# 2725
 Delta R.T. 0.00 min
 Lab File: VN062568.D
 Acq: 21 Jul 2020 12:45

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDICCC050

Tgt Ion: 97 Resp: 132040
 Ion Ratio Lower Upper
 97 100
 83 92.1 73.7 110.5
 85 60.6 48.5 72.7
 99 63.5 50.8 76.2

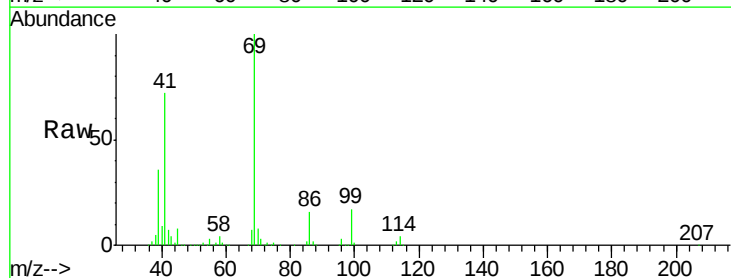


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

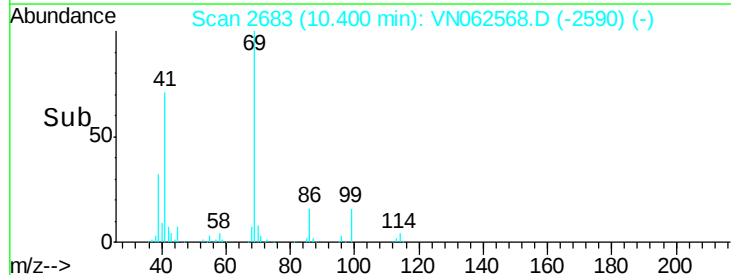
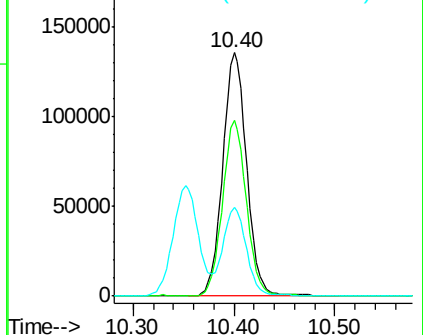


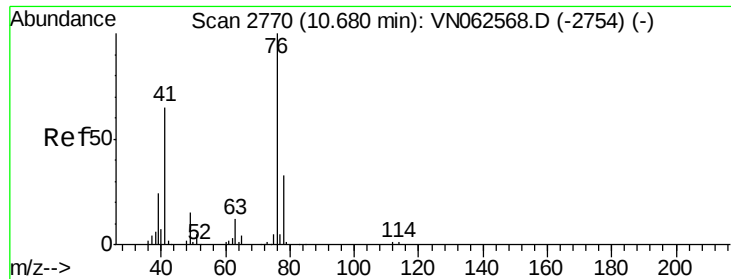
#56
 Ethyl methacrylate
 Concen: 56.531 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. 0.00 min
 Lab File: VN062568.D
 Acq: 21 Jul 2020 12:45

Tgt Ion: 69 Resp: 225796
 Ion Ratio Lower Upper
 69 100
 41 71.5 57.2 85.8
 39 35.8 28.6 43.0



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

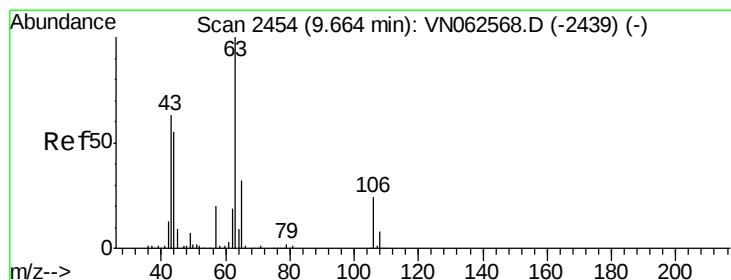
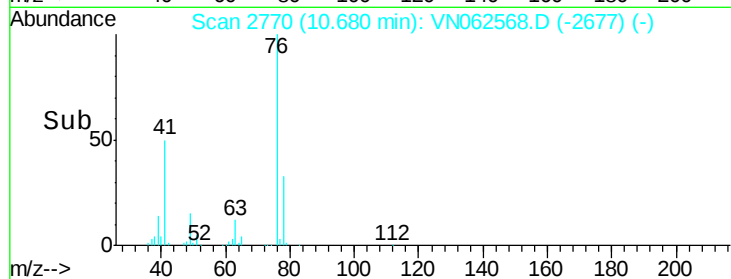
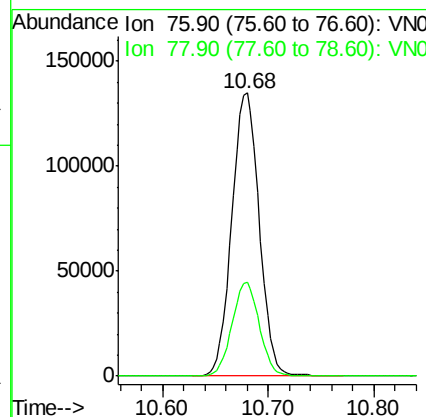
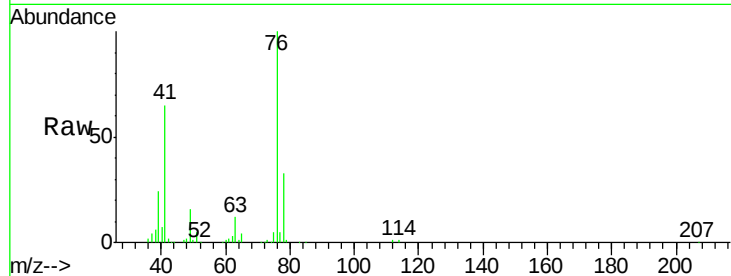




#57
 1,3-Dichloropropane
 Concen: 54.781 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. 0.00 min
 Lab File: VN062568.D
 Acq: 21 Jul 2020 12:45

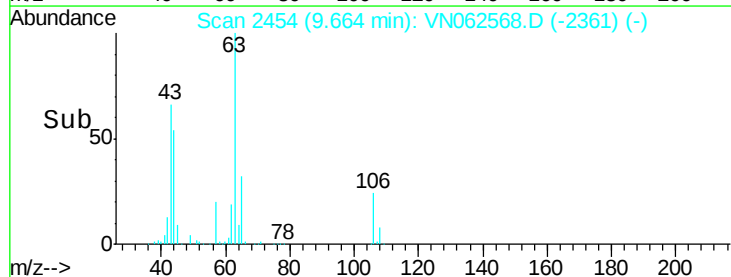
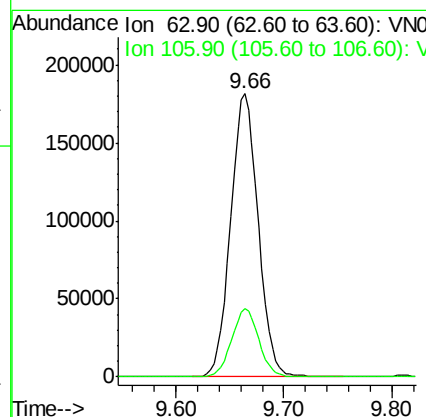
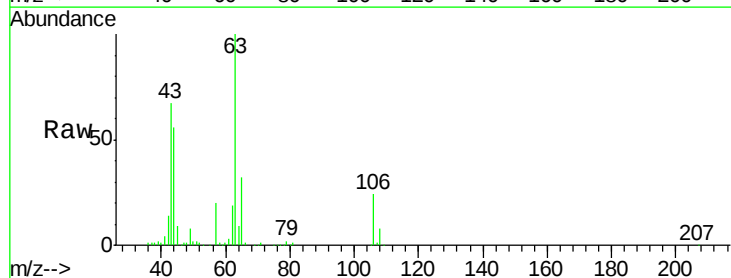
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDICCC050

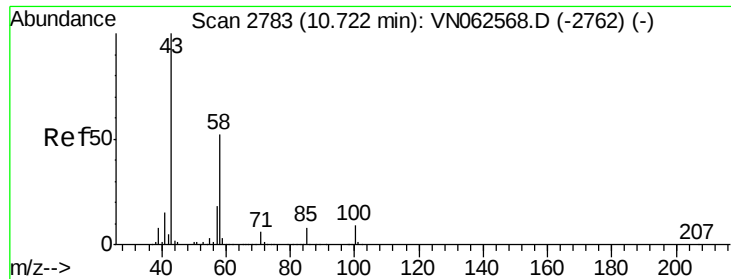
Tgt Ion: 76 Resp: 242908
 Ion Ratio Lower Upper
 76 100
 78 32.9 26.3 39.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 234.830 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN062568.D
 Acq: 21 Jul 2020 12:45

Tgt Ion: 63 Resp: 323297
 Ion Ratio Lower Upper
 63 100
 106 23.6 18.9 28.3

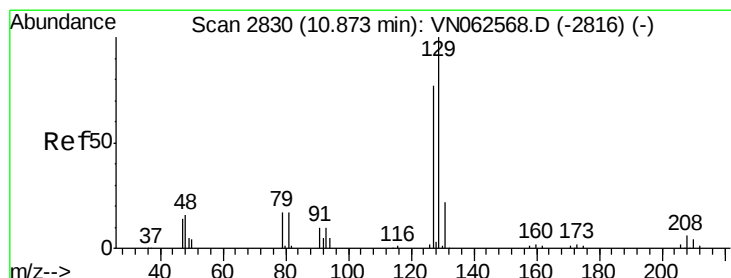
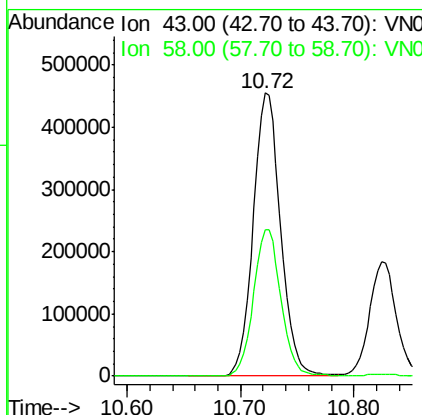
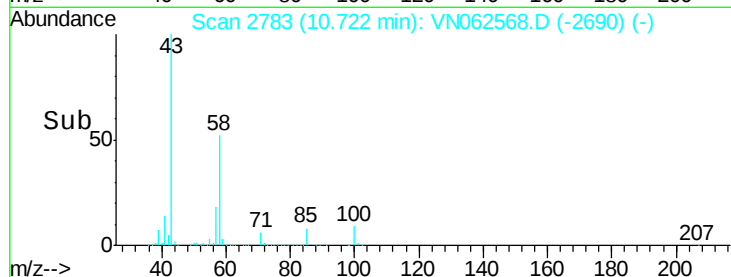
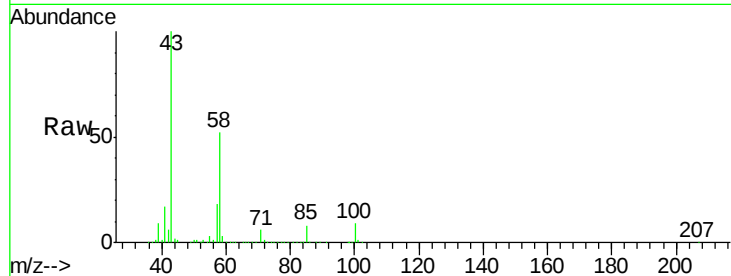




#59
2-Hexanone
Concen: 269.367 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN062568.D
Acq: 21 Jul 2020 12:45

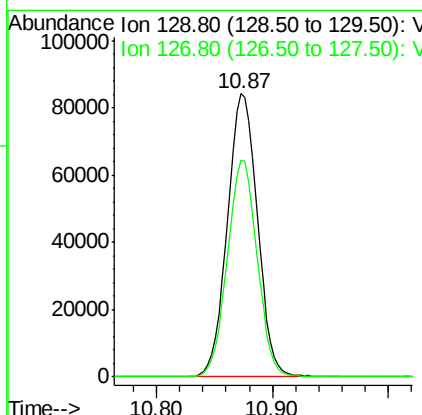
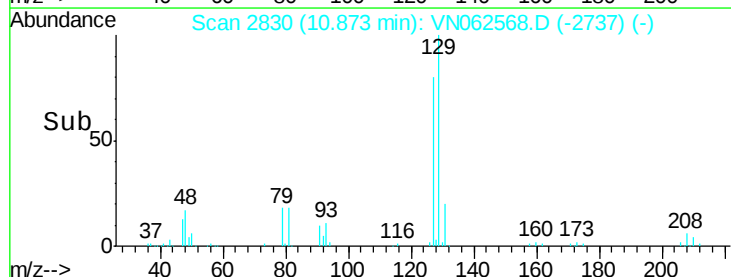
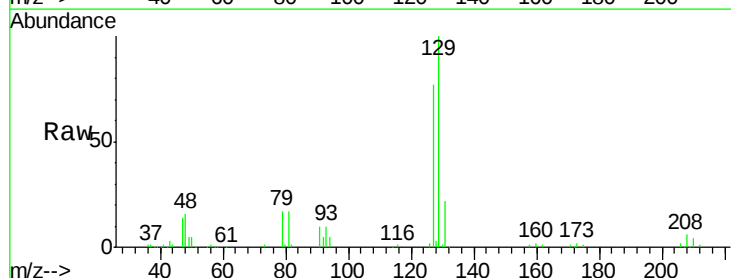
Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

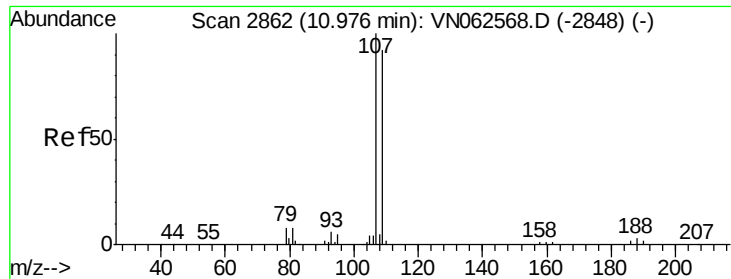
Tgt Ion: 43 Resp: 765309
Ion Ratio Lower Upper
43 100
58 52.0 26.0 78.0



#60
Dibromochloromethane
Concen: 57.365 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. 0.00 min
Lab File: VN062568.D
Acq: 21 Jul 2020 12:45

Tgt Ion: 129 Resp: 150556
Ion Ratio Lower Upper
129 100
127 75.9 38.0 113.9

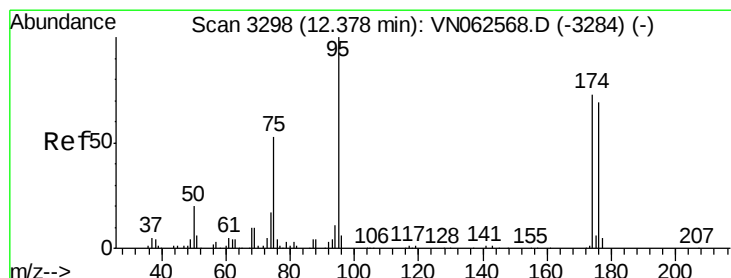
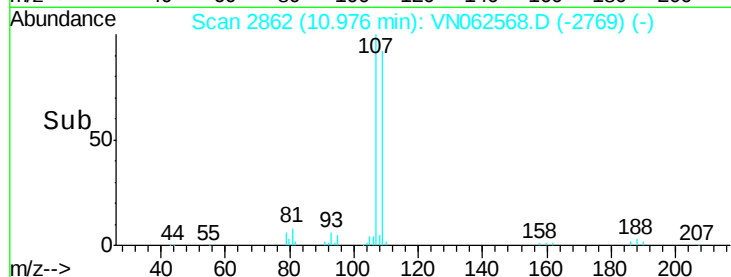
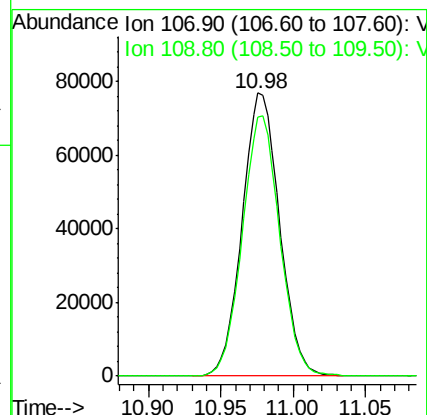
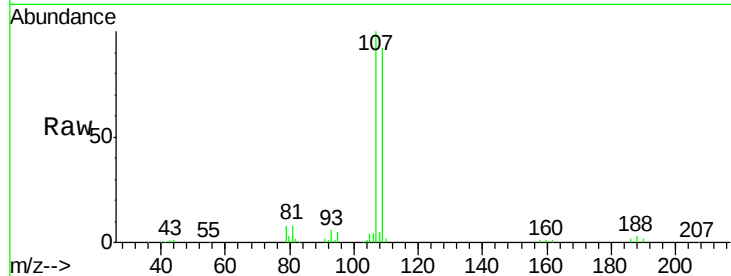




#61
 1,2-Dibromoethane
 Concen: 56.497 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. 0.00 min
 Lab File: VN062568.D
 Acq: 21 Jul 2020 12:45

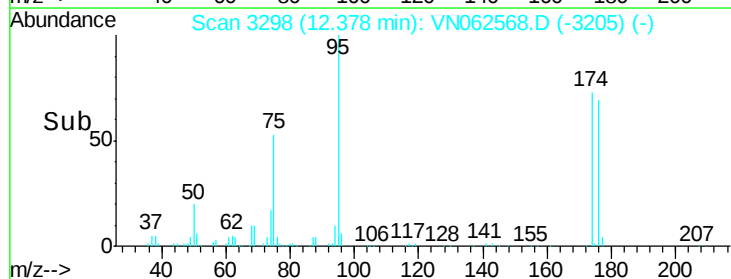
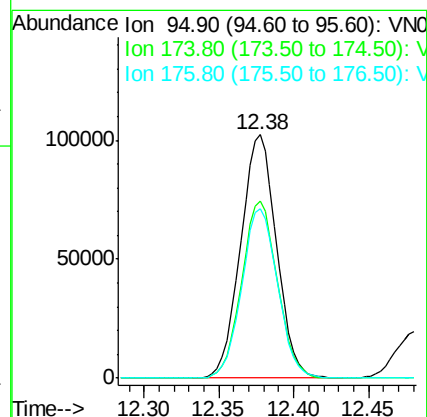
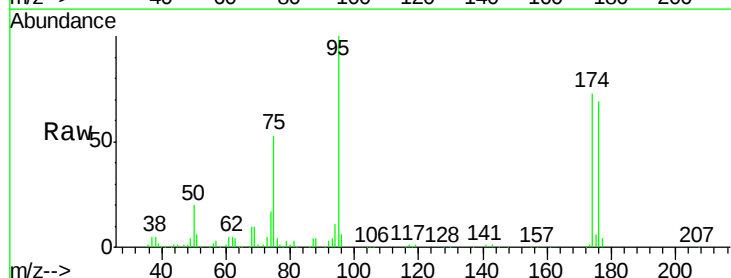
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

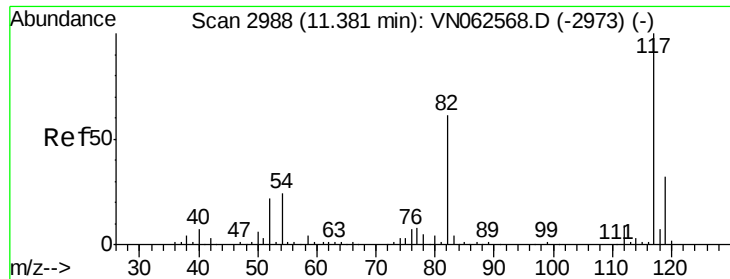
Tgt Ion: 107 Resp: 137827
 Ion Ratio Lower Upper
 107 100
 109 92.2 73.8 110.6



#62
 4-Bromofluorobenzene
 Concen: 53.553 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: VN062568.D
 Acq: 21 Jul 2020 12:45

Tgt Ion: 95 Resp: 170901
 Ion Ratio Lower Upper
 95 100
 174 72.3 0.0 144.6
 176 69.7 0.0 139.4

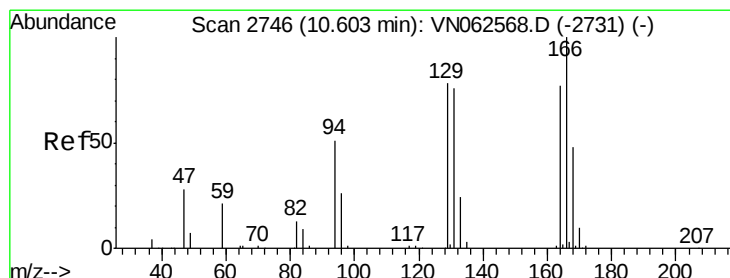
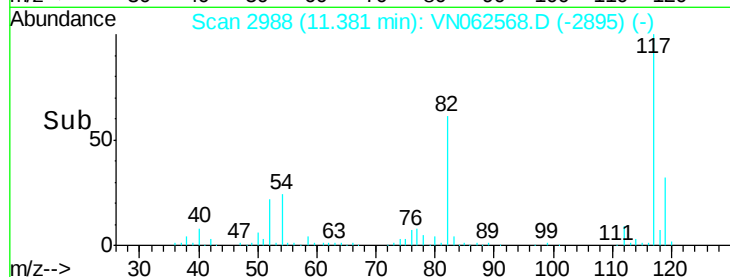
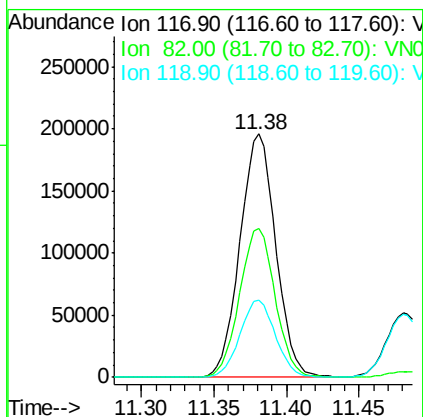
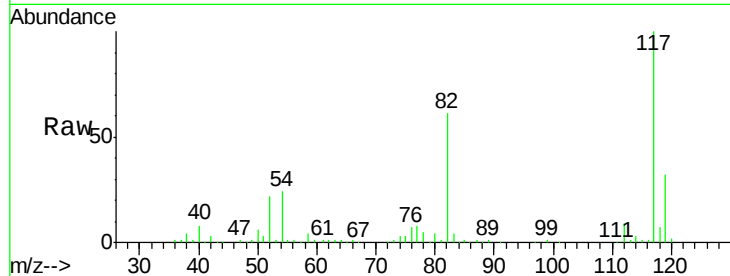




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN062568.D
Acq: 21 Jul 2020 12:45

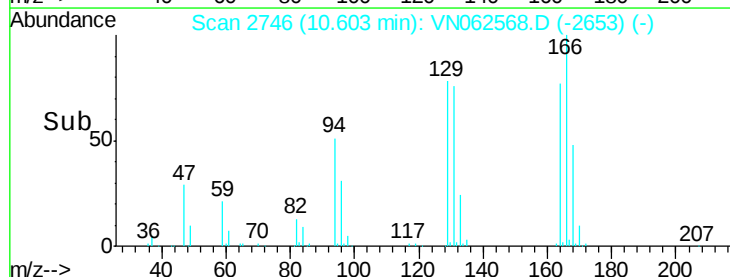
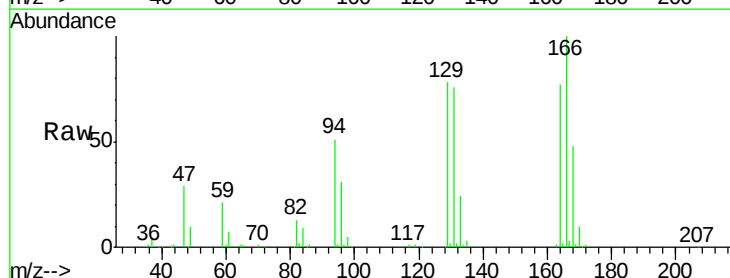
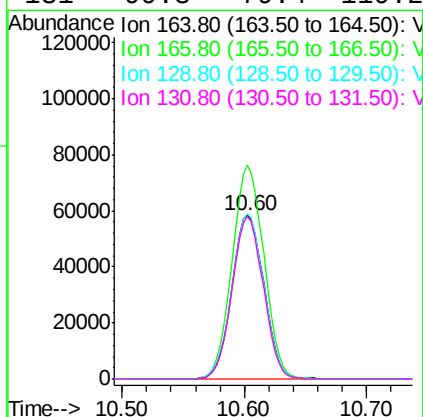
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

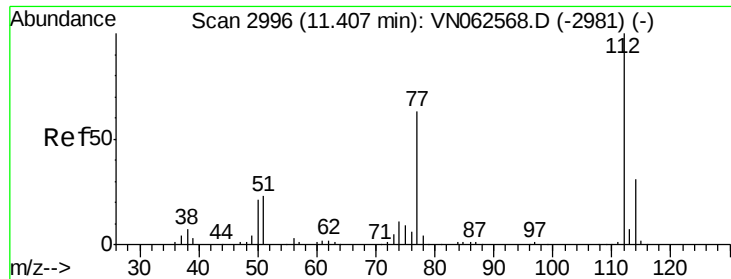
Tgt Ion:117 Resp: 336505
Ion Ratio Lower Upper
117 100
82 61.3 49.0 73.6
119 31.8 25.4 38.2



#64
Tetrachloroethene
Concen: 53.029 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN062568.D
Acq: 21 Jul 2020 12:45

Tgt Ion:164 Resp: 106573
Ion Ratio Lower Upper
164 100
166 130.5 104.4 156.6
129 101.2 81.0 121.4
131 99.3 79.4 119.2

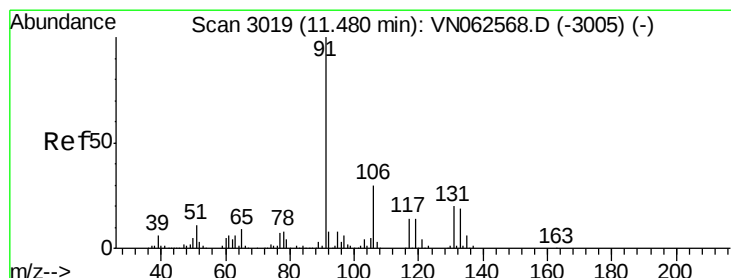
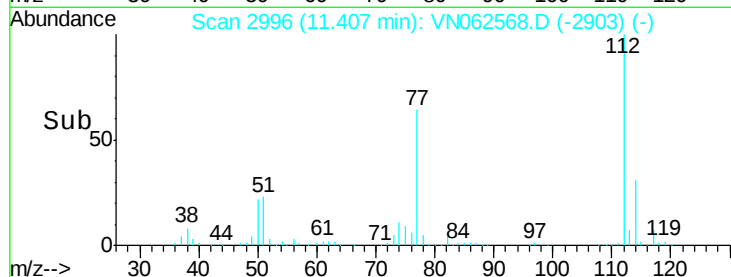
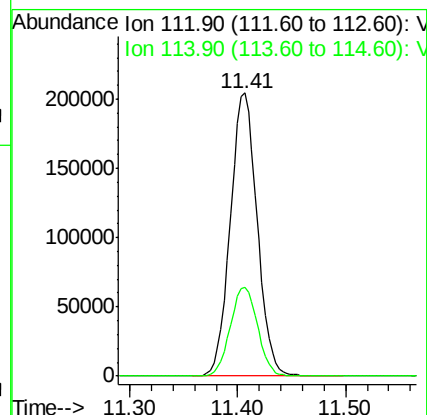
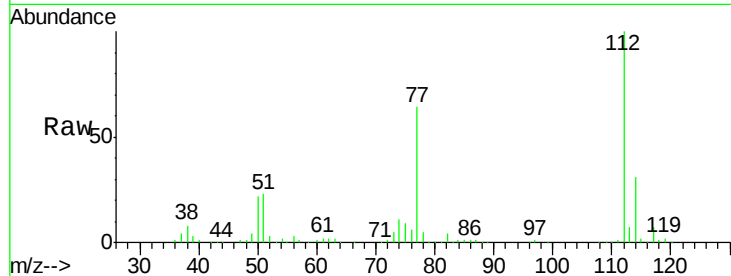




#65
Chlorobenzene
Concen: 53.868 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN062568.D
Acq: 21 Jul 2020 12:45

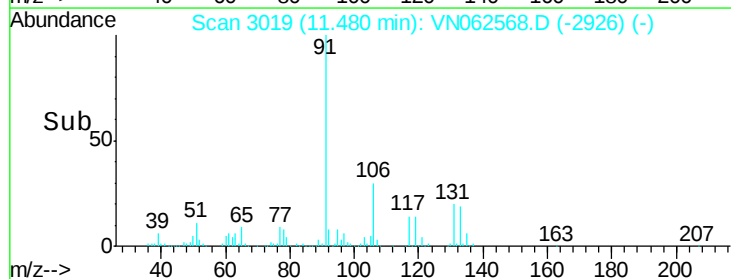
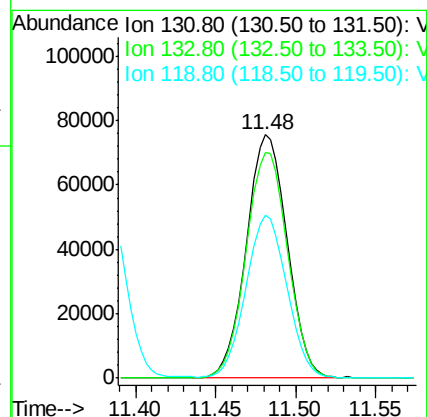
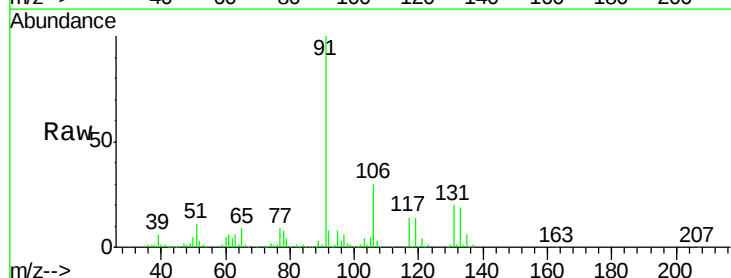
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

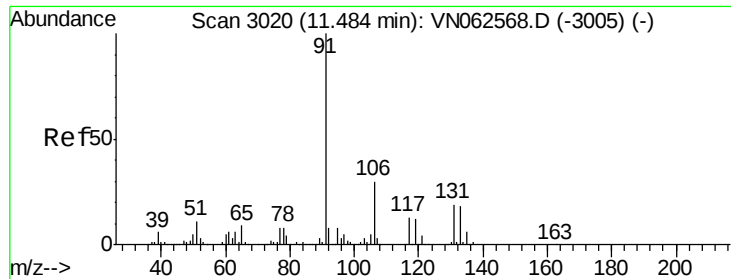
Tgt Ion:112 Resp: 353423
Ion Ratio Lower Upper
112 100
114 31.4 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 54.555 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. 0.00 min
Lab File: VN062568.D
Acq: 21 Jul 2020 12:45

Tgt Ion:131 Resp: 131969
Ion Ratio Lower Upper
131 100
133 94.7 47.3 142.0
119 67.3 33.7 101.0

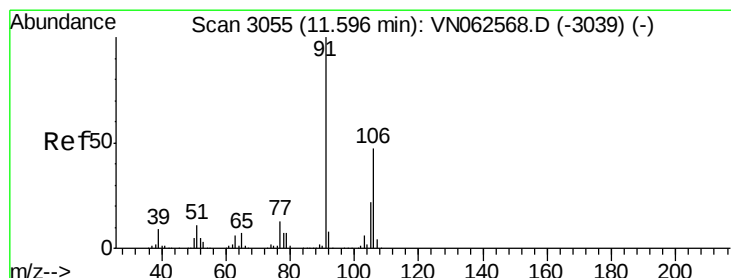
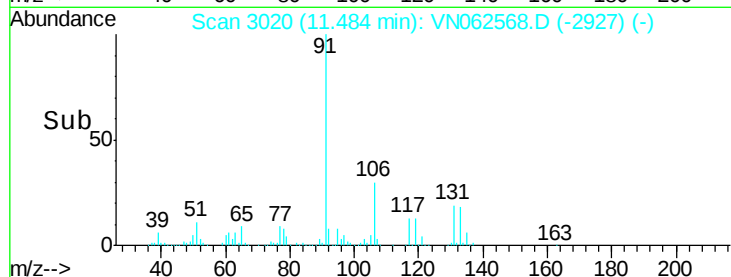
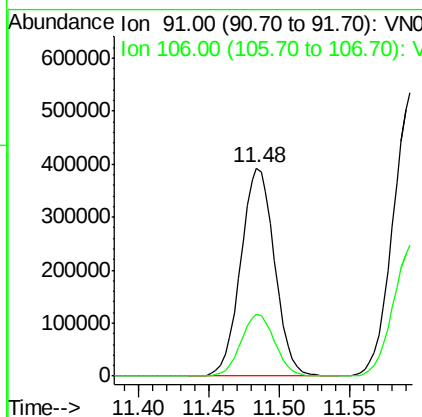
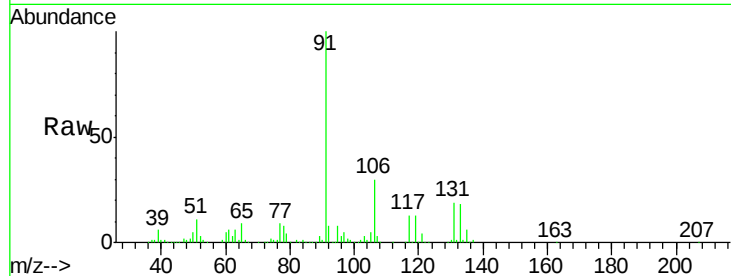




#67
 Ethyl Benzene
 Concen: 53.708 ug/l
 RT: 11.48 min Scan# 3020
 Delta R.T. 0.00 min
 Lab File: VN062568.D
 Acq: 21 Jul 2020 12:45

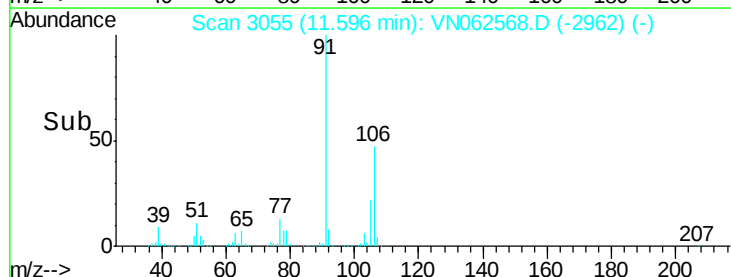
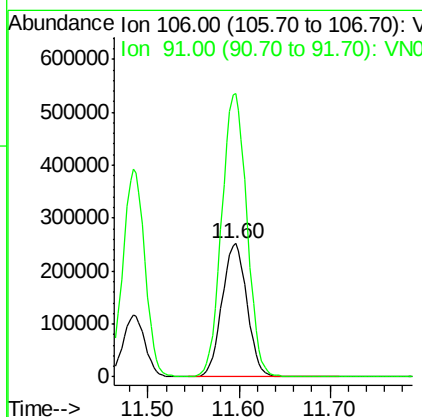
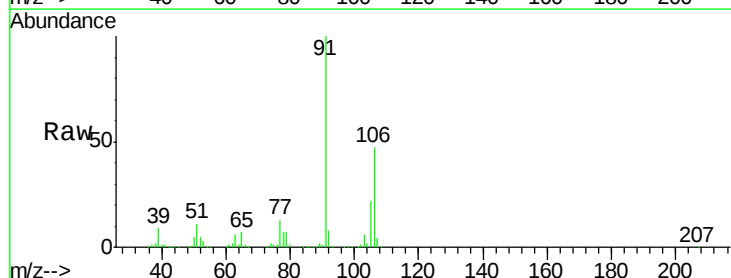
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

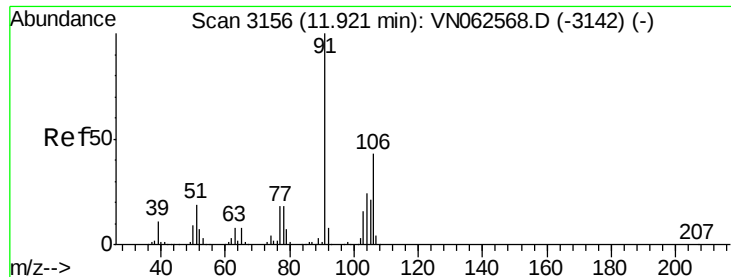
Tgt Ion: 91 Resp: 658930
 Ion Ratio Lower Upper
 91 100
 106 29.8 23.8 35.8



#68
 m/p-Xylenes
 Concen: 110.031 ug/l
 RT: 11.60 min Scan# 3055
 Delta R.T. 0.00 min
 Lab File: VN062568.D
 Acq: 21 Jul 2020 12:45

Tgt Ion: 106 Resp: 479968
 Ion Ratio Lower Upper
 106 100
 91 214.3 171.4 257.2

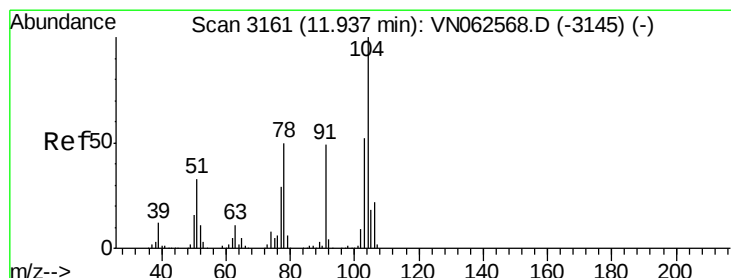
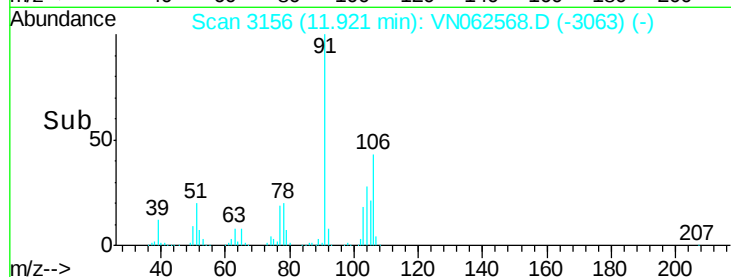
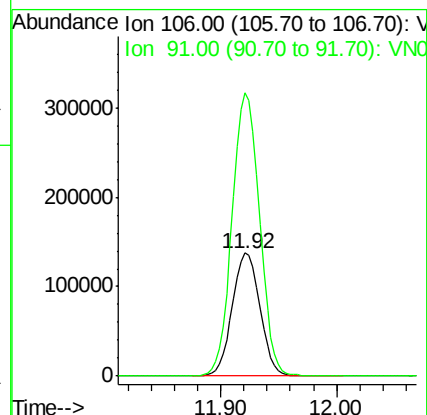
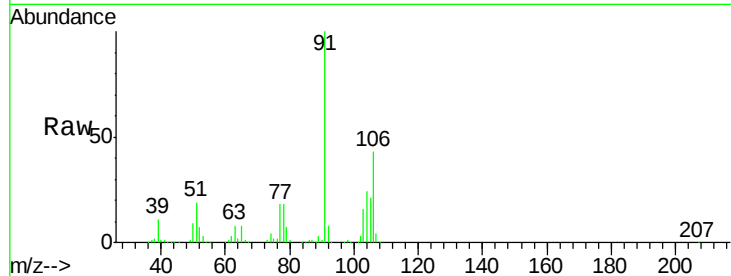




#69
o-Xylene
Concen: 53.866 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN062568.D
Acq: 21 Jul 2020 12:45

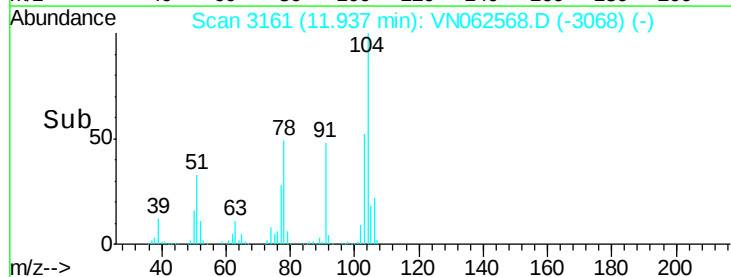
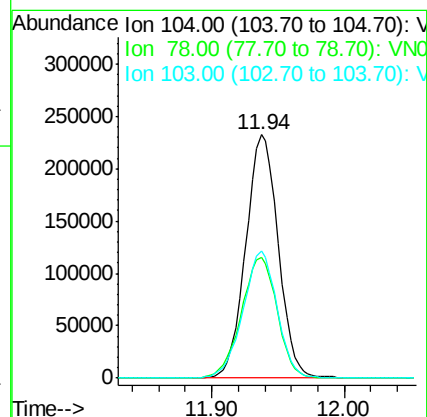
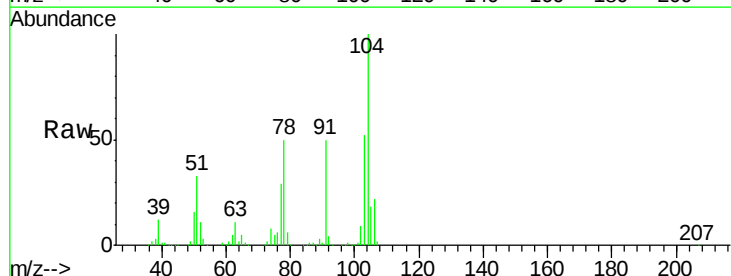
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

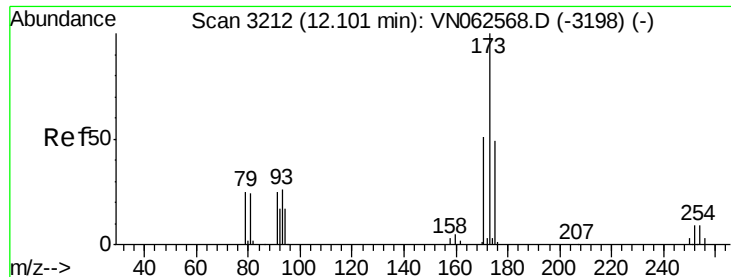
Tgt Ion:106 Resp: 228215
Ion Ratio Lower Upper
106 100
91 227.5 113.8 341.2



#70
Styrene
Concen: 56.518 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN062568.D
Acq: 21 Jul 2020 12:45

Tgt Ion:104 Resp: 396135
Ion Ratio Lower Upper
104 100
78 54.7 43.8 65.6
103 55.0 44.0 66.0





#71

Bromoform

Concen: 57.898 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. 0.00 min

Lab File: VN062568.D

Acq: 21 Jul 2020 12:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

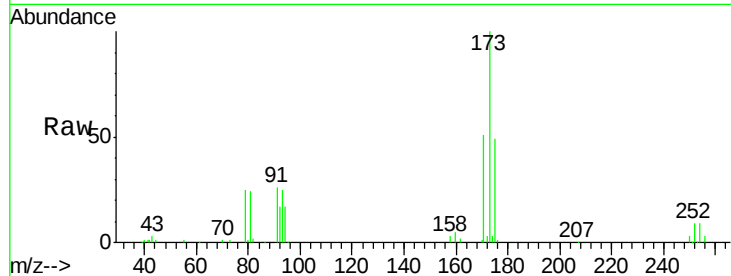
Tgt Ion:173 Resp: 103068

Ion Ratio Lower Upper

173 100

175 48.1 24.1 72.2

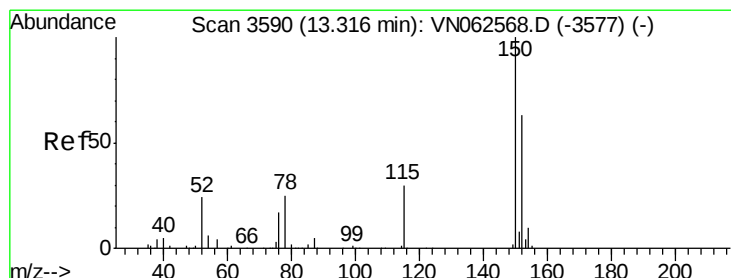
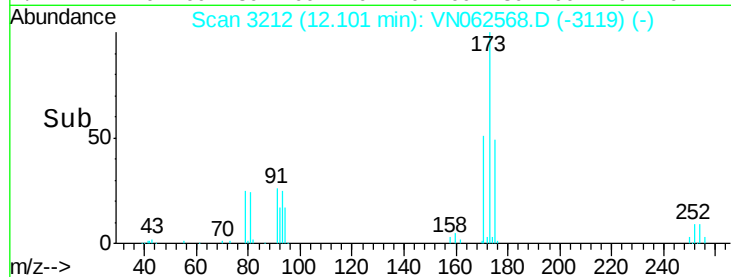
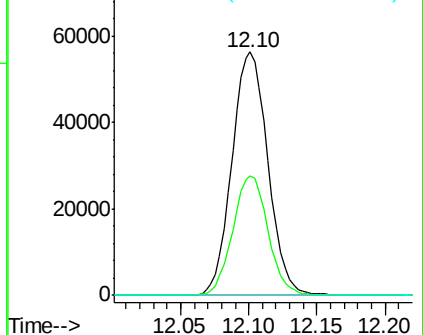
254 0.0 0.0 0.0



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: VN062568.D

Acq: 21 Jul 2020 12:45

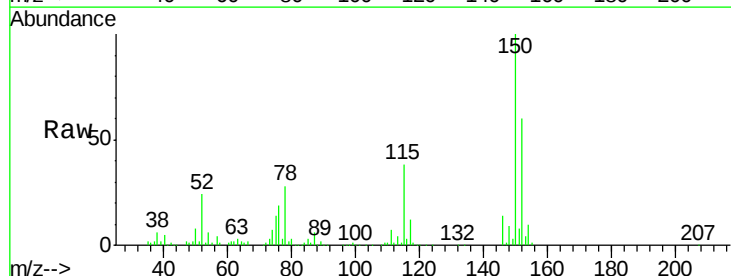
Tgt Ion:152 Resp: 157229

Ion Ratio Lower Upper

152 100

115 63.6 31.8 95.4

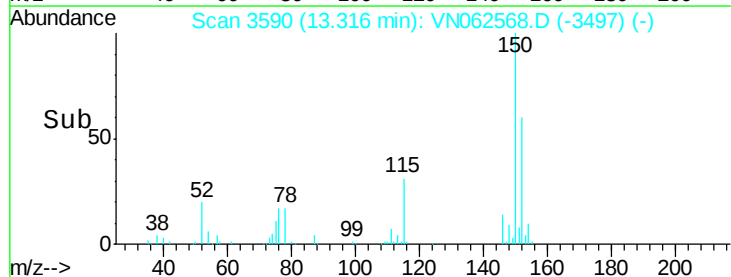
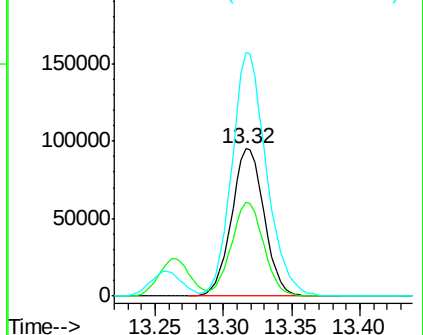
150 175.7 0.0 351.4

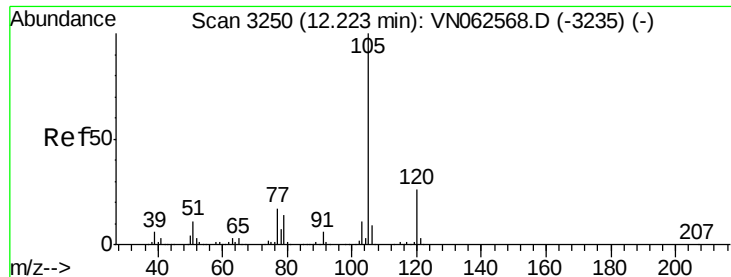


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.843 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN062568.D

Acq: 21 Jul 2020 12:45

Instrument :

MSVOA_N

ClientSampleId :

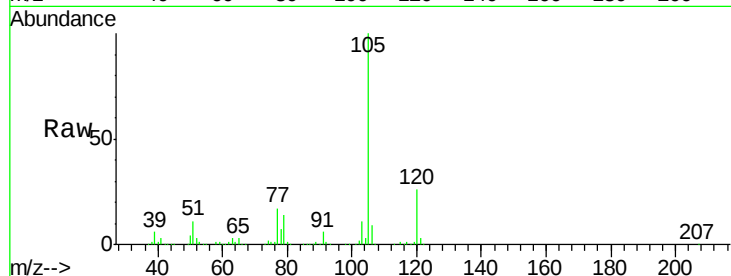
VSTDICCC050

Tgt Ion:105 Resp: 617216

Ion Ratio Lower Upper

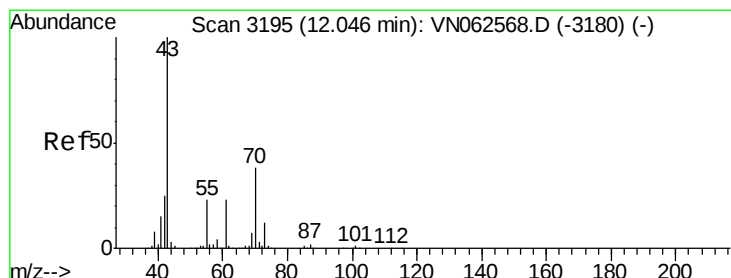
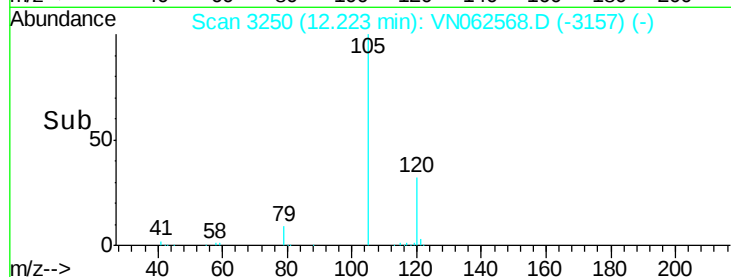
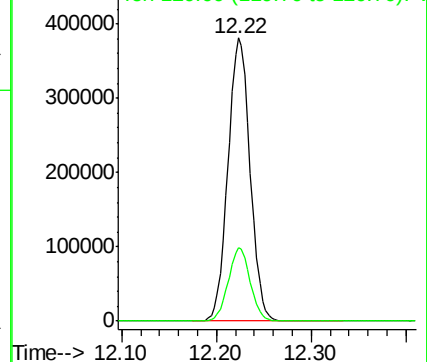
105 100

120 25.6 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.998 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN062568.D

Acq: 21 Jul 2020 12:45

Tgt Ion: 43 Resp: 303353

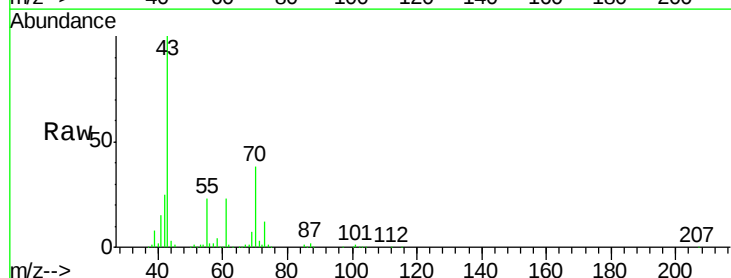
Ion Ratio Lower Upper

43 100

70 38.1 30.5 45.7

55 23.8 19.0 28.6

61 23.0 18.4 27.6

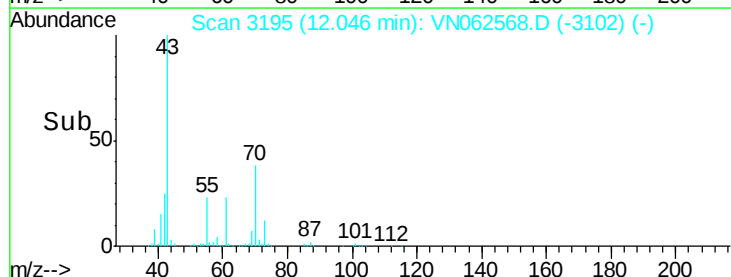
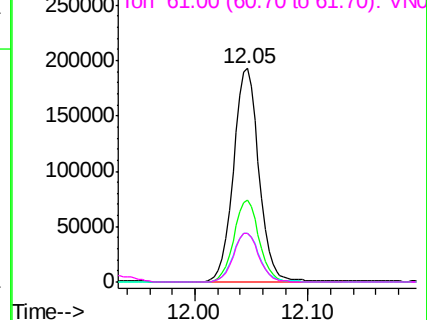


Abundance Ion 43.00 (42.70 to 43.70): V

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: 50.801 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN062568.D

Acq: 21 Jul 2020 12:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

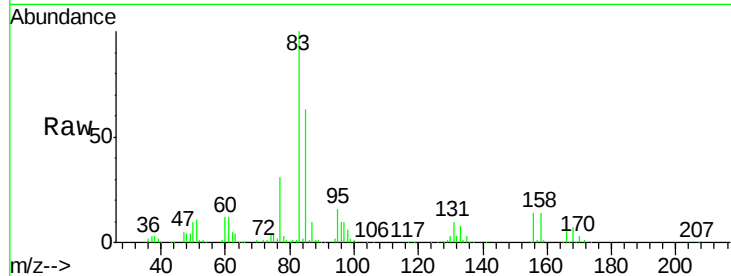
Tgt Ion: 83 Resp: 207178

Ion Ratio Lower Upper

83 100

131 9.5 4.8 14.3

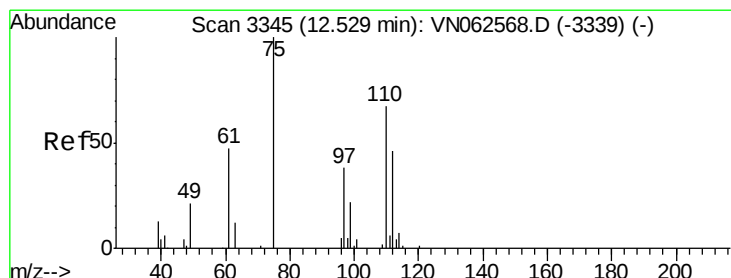
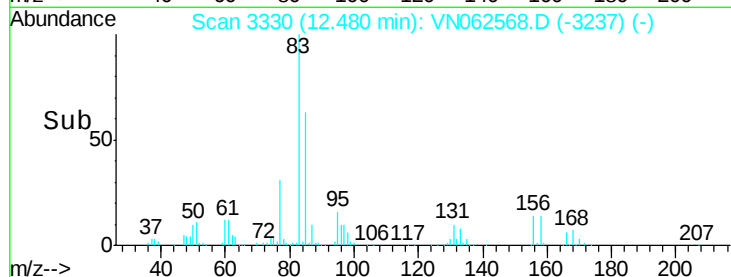
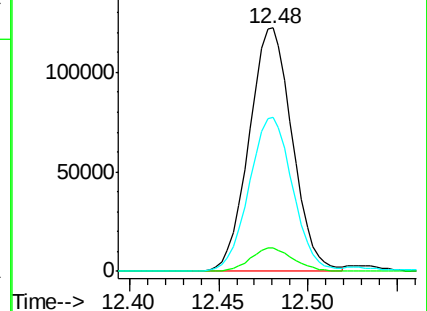
85 63.6 31.8 95.4



Abundance Ion 82.90 (82.60 to 83.60): VN062568.D (-3316) (-)

Ion 130.80 (130.50 to 131.50): VN062568.D (-3316) (-)

Ion 84.90 (84.60 to 85.60): VN062568.D (-3316) (-)



#76

1,2,3-Trichloropropane

Concen: 69.959 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN062568.D

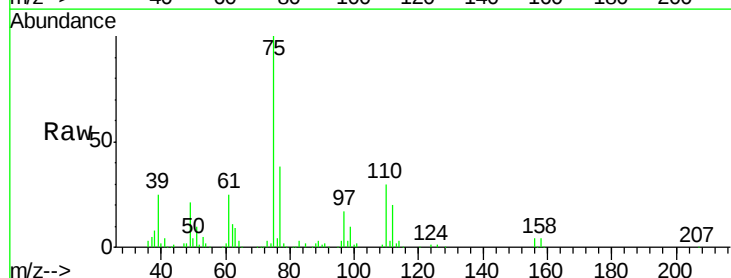
Acq: 21 Jul 2020 12:45

Tgt Ion: 75 Resp: 272318

Ion Ratio Lower Upper

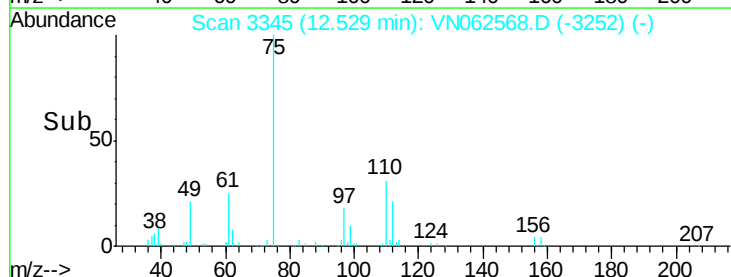
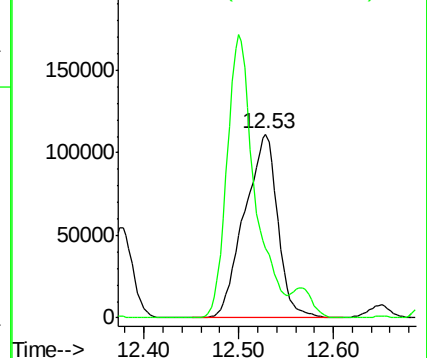
75 100

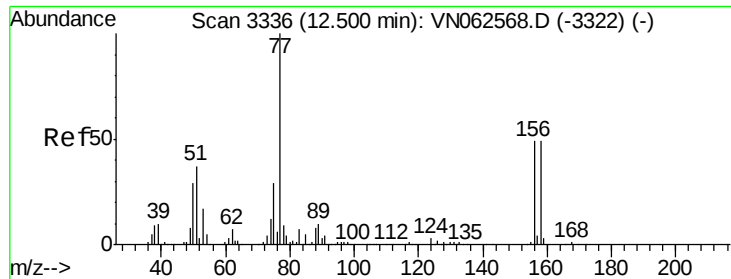
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN062568.D (-3339) (-)

Ion 77.00 (76.70 to 77.70): VN062568.D (-3339) (-)





#77

Bromobenzene

Concen: 51.678 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN062568.D

Acq: 21 Jul 2020 12:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

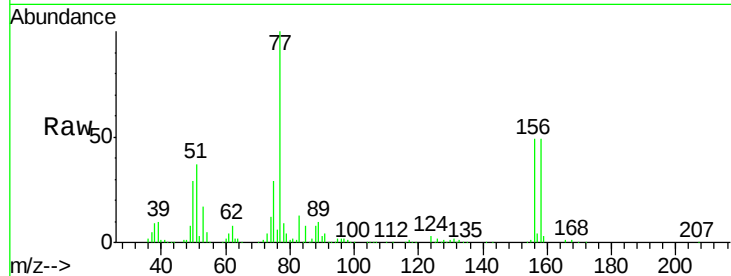
Tgt Ion:156 Resp: 143200

Ion Ratio Lower Upper

156 100

77 245.5 122.8 368.3

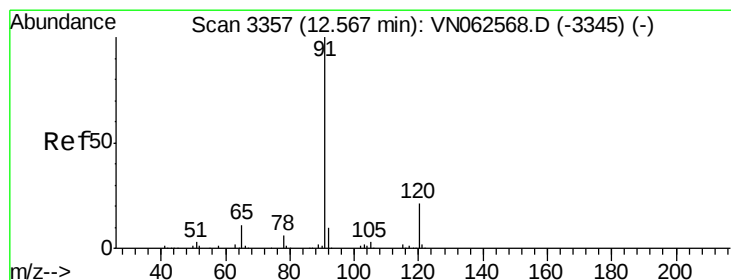
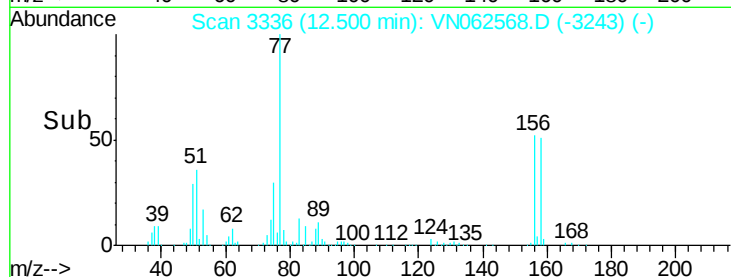
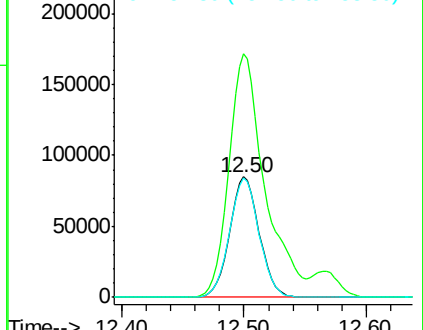
158 98.7 49.4 148.0



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: 51.805 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN062568.D

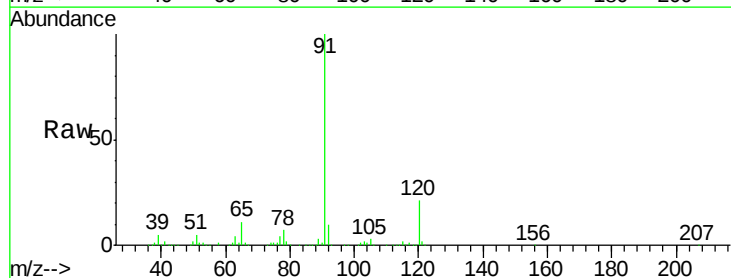
Acq: 21 Jul 2020 12:45

Tgt Ion: 91 Resp: 733028

Ion Ratio Lower Upper

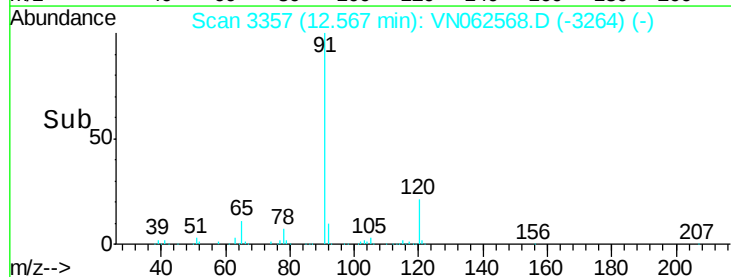
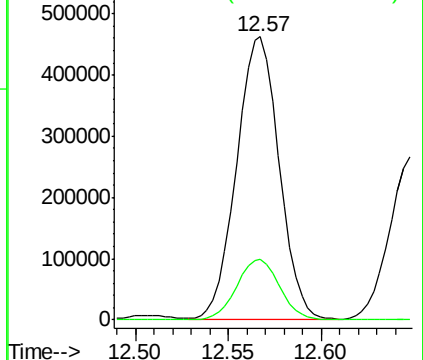
91 100

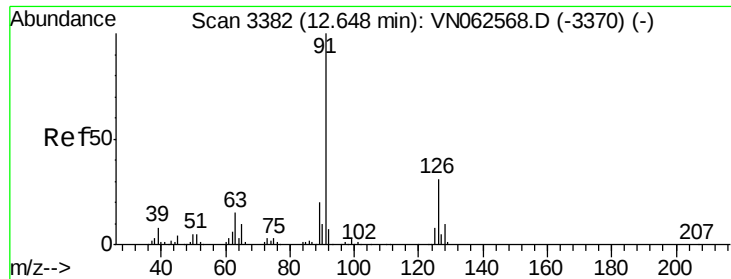
120 21.7 10.9 32.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.364 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. 0.00 min

Lab File: VN062568.D

Acq: 21 Jul 2020 12:45

Instrument :

MSVOA_N

ClientSampleId :

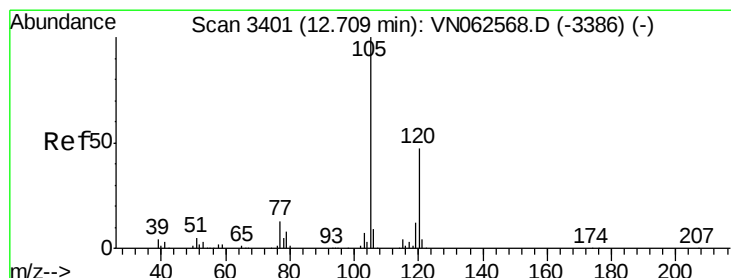
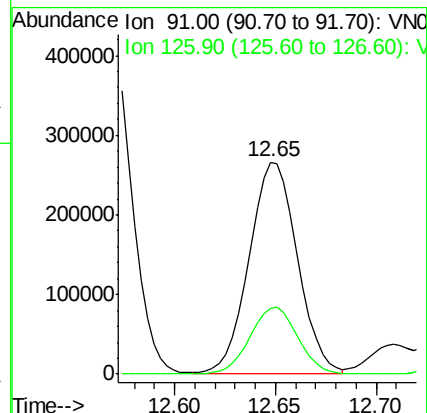
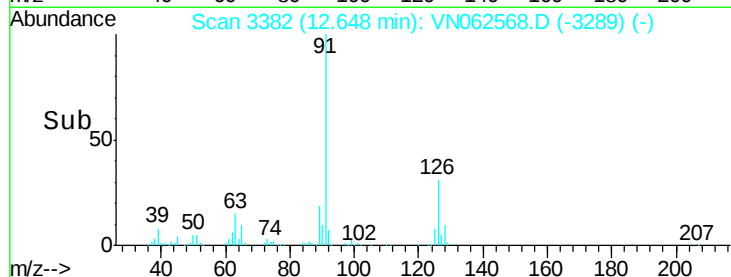
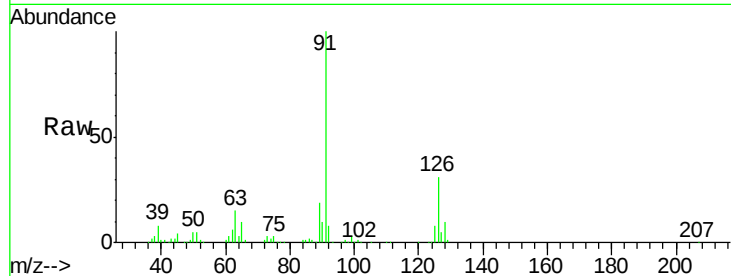
VSTDICCC050

Tgt Ion: 91 Resp: 442442

Ion Ratio Lower Upper

91 100

126 31.7 15.9 47.6



#80

1,3,5-Trimethylbenzene

Concen: 53.182 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN062568.D

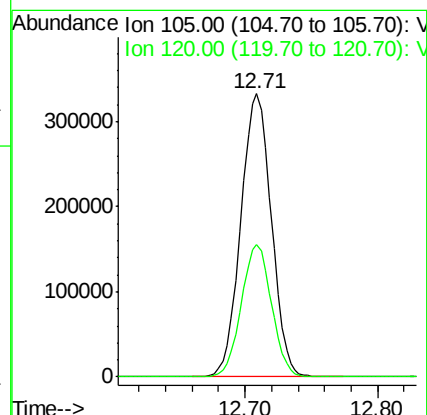
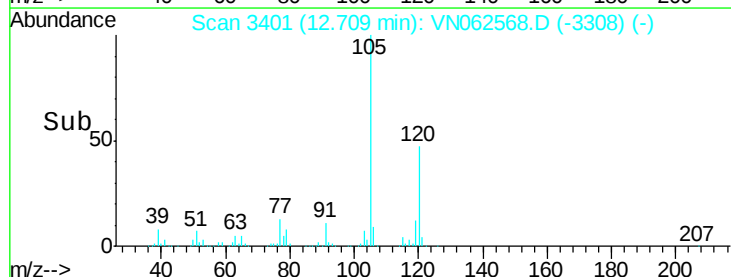
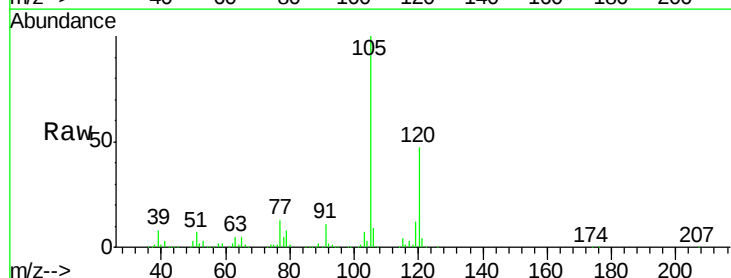
Acq: 21 Jul 2020 12:45

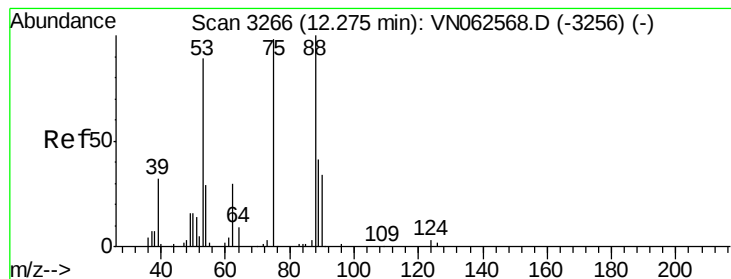
Tgt Ion: 105 Resp: 531804

Ion Ratio Lower Upper

105 100

120 46.4 23.2 69.6





#81

trans-1,4-Dichloro-2-butene

Concen: 50.482 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. 0.00 min

Lab File: VN062568.D

Acq: 21 Jul 2020 12:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

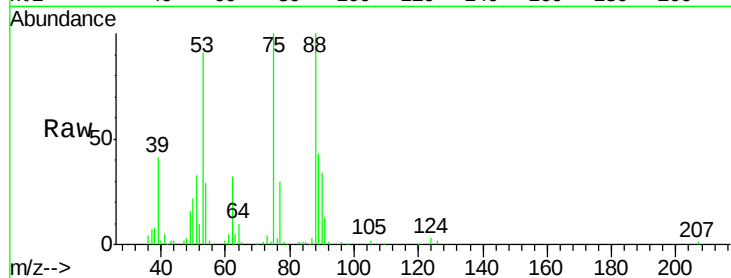
Tgt Ion: 75 Resp: 72219

Ion Ratio Lower Upper

75 100

53 94.2 75.4 113.0

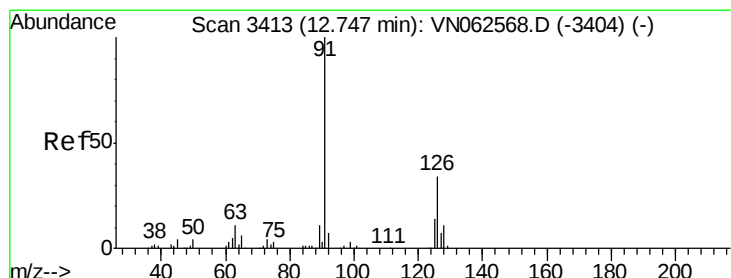
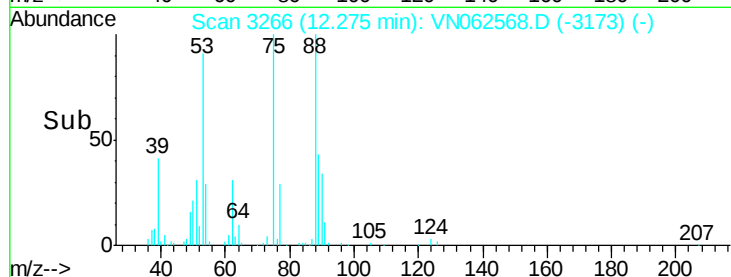
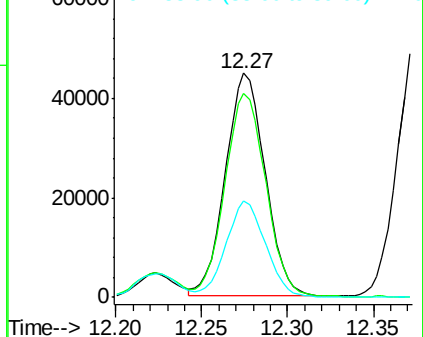
89 43.1 34.5 51.7



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 52.319 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN062568.D

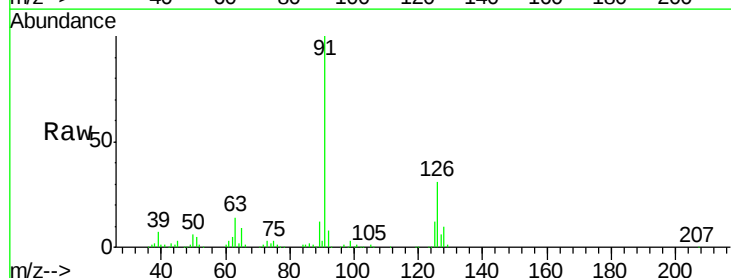
Acq: 21 Jul 2020 12:45

Tgt Ion: 91 Resp: 458062

Ion Ratio Lower Upper

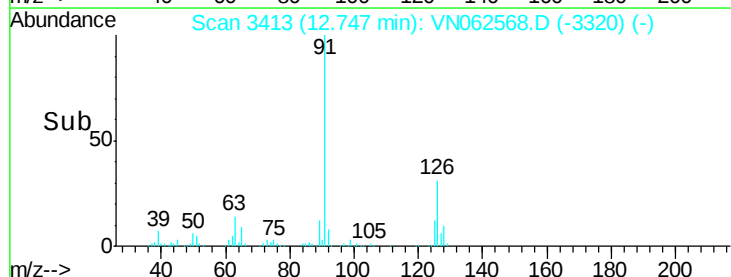
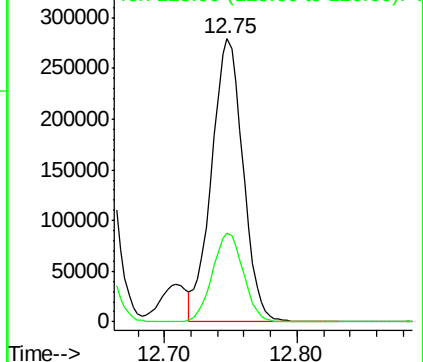
91 100

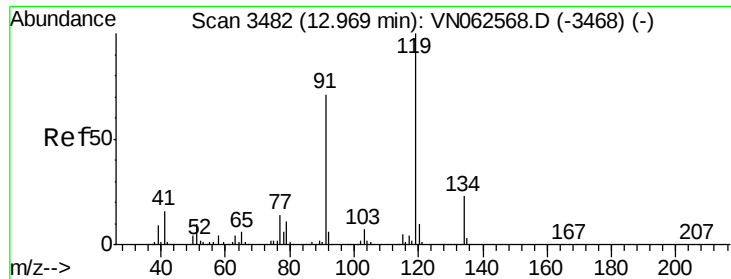
126 30.9 15.4 46.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

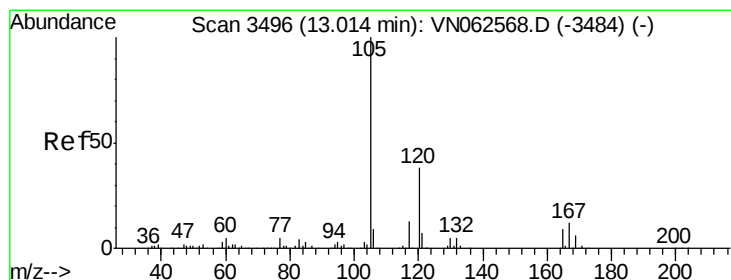
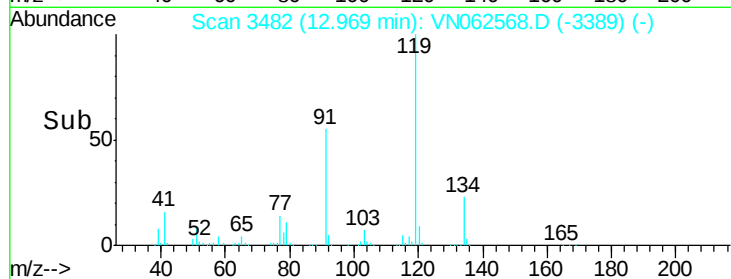
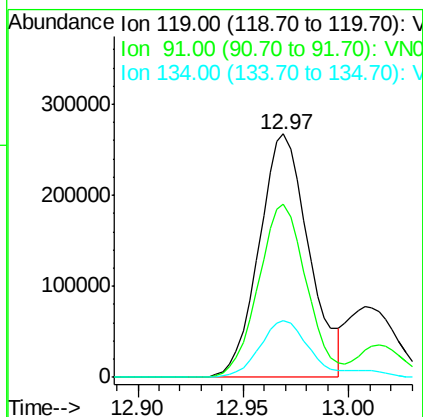
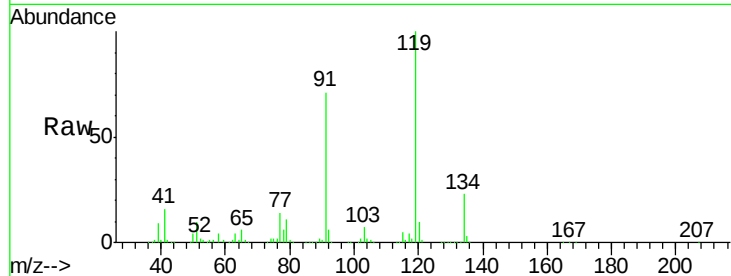




#83
 tert-Butylbenzene
 Concen: 51.904 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. 0.00 min
 Lab File: VN062568.D
 Acq: 21 Jul 2020 12:45

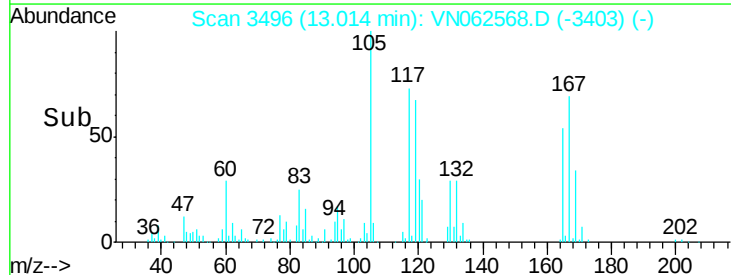
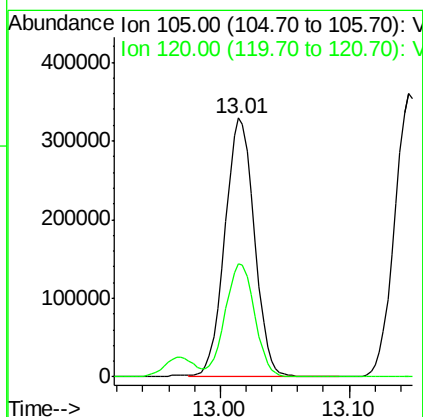
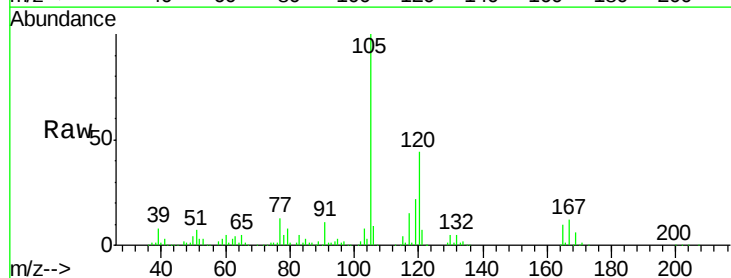
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

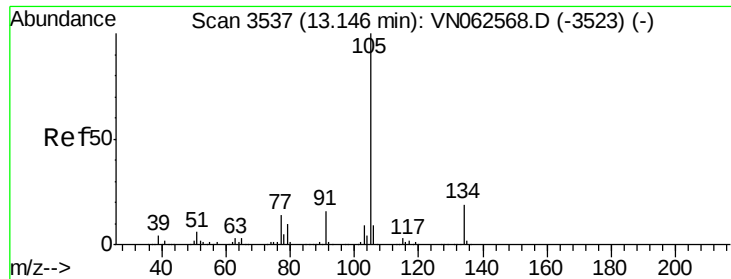
Tgt Ion:119 Resp: 438804
 Ion Ratio Lower Upper
 119 100
 91 69.2 34.6 103.8
 134 22.9 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 52.387 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. 0.00 min
 Lab File: VN062568.D
 Acq: 21 Jul 2020 12:45

Tgt Ion:105 Resp: 519145
 Ion Ratio Lower Upper
 105 100
 120 44.2 22.1 66.3





#85

sec-Butylbenzene

Concen: 51.944 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. 0.00 min

Lab File: VN062568.D

Acq: 21 Jul 2020 12:45

Instrument :

MSVOA_N

ClientSampleId :

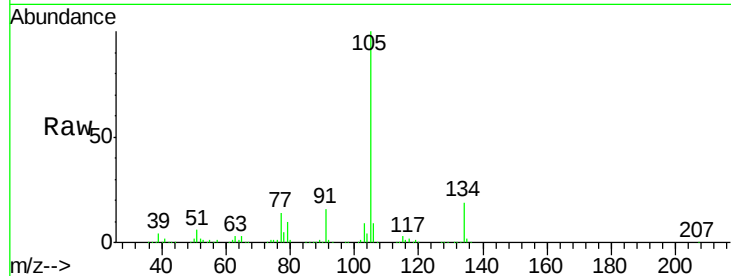
VSTDICCC050

Tgt Ion:105 Resp: 580823

Ion Ratio Lower Upper

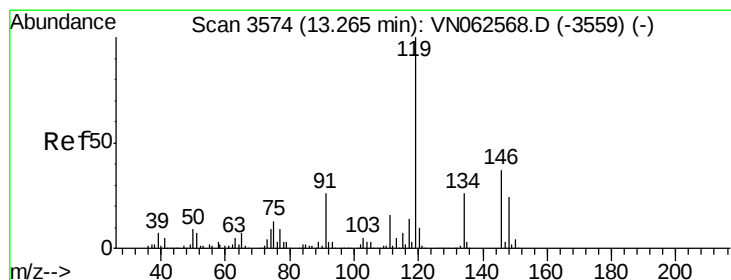
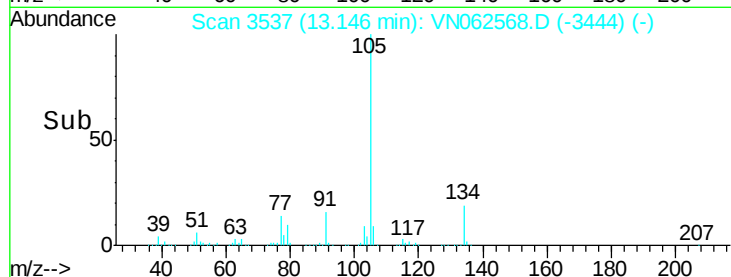
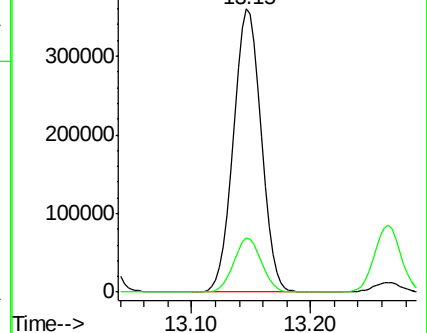
105 100

134 19.0 9.5 28.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.044 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. 0.00 min

Lab File: VN062568.D

Acq: 21 Jul 2020 12:45

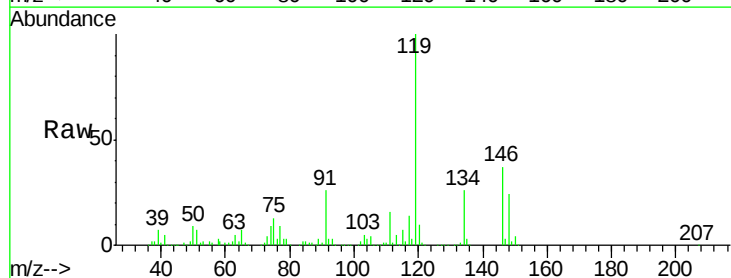
Tgt Ion:119 Resp: 511833

Ion Ratio Lower Upper

119 100

134 25.6 12.8 38.4

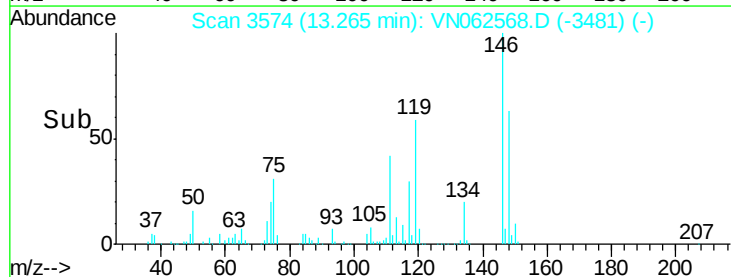
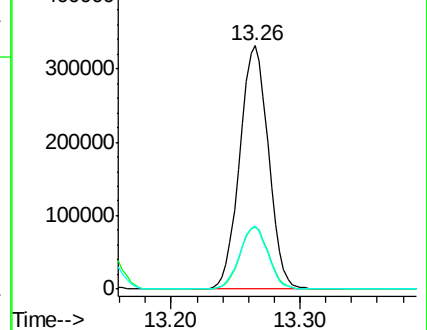
91 25.4 12.7 38.1

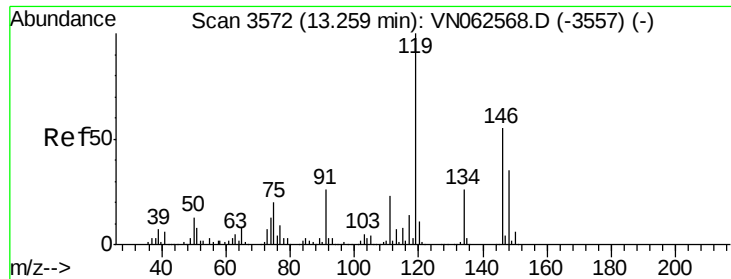


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

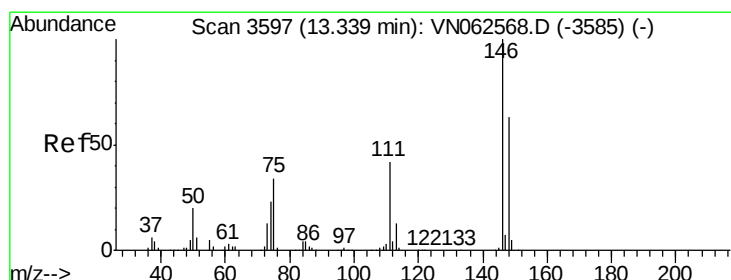
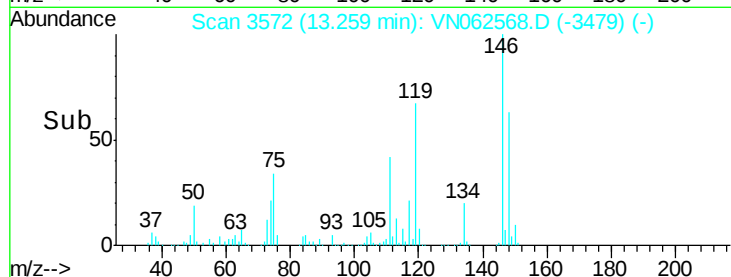
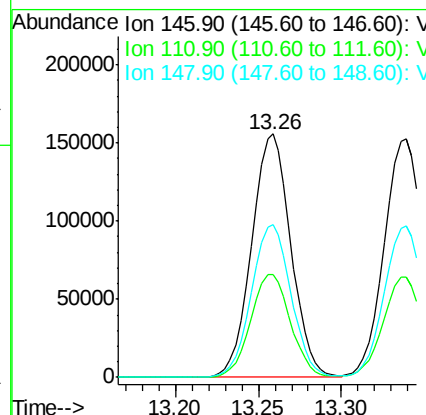
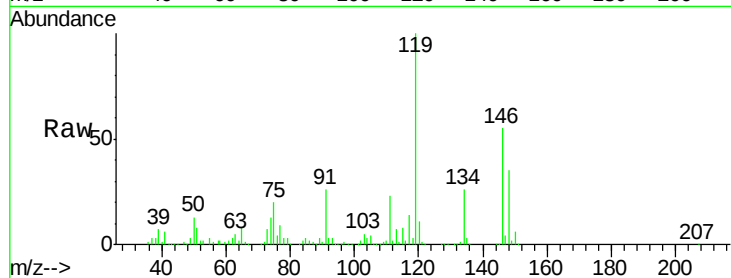




#87
 1,3-Dichlorobenzene
 Concen: 53.457 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN062568.D
 Acq: 21 Jul 2020 12:45

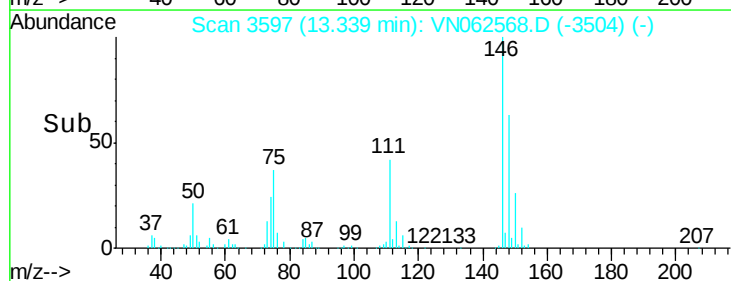
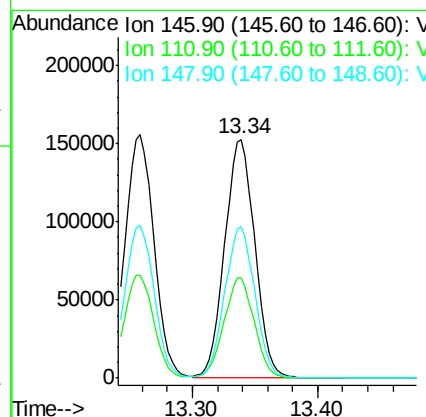
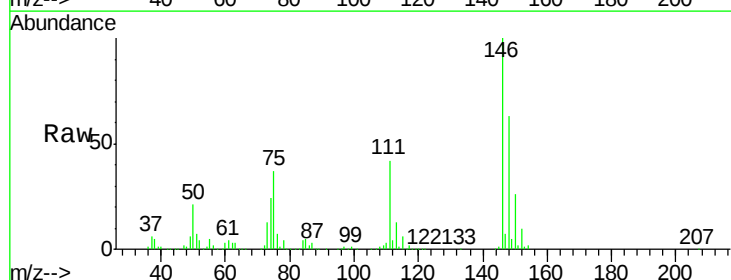
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tgt Ion:146 Resp: 255466
 Ion Ratio Lower Upper
 146 100
 111 43.1 21.6 64.6
 148 63.6 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 51.807 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN062568.D
 Acq: 21 Jul 2020 12:45

Tgt Ion:146 Resp: 254273
 Ion Ratio Lower Upper
 146 100
 111 42.1 21.1 63.1
 148 63.2 31.6 94.8





#89

n-Butylbenzene

Concen: 50.899 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. 0.00 min

Lab File: VN062568.D

Acq: 21 Jul 2020 12:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

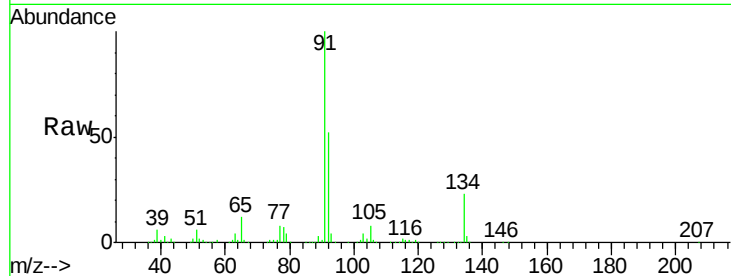
Tgt Ion: 91 Resp: 431642

Ion Ratio Lower Upper

91 100

92 51.5 25.8 77.3

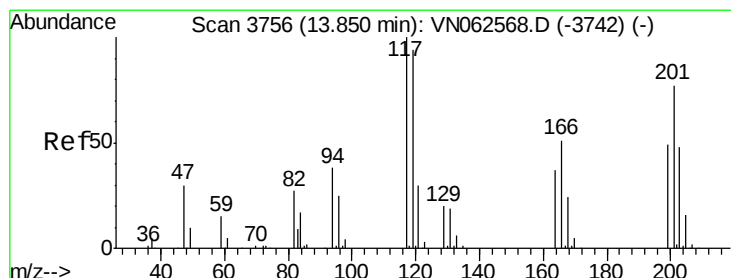
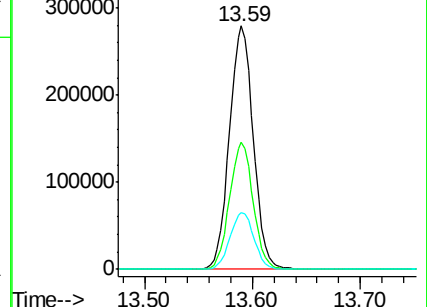
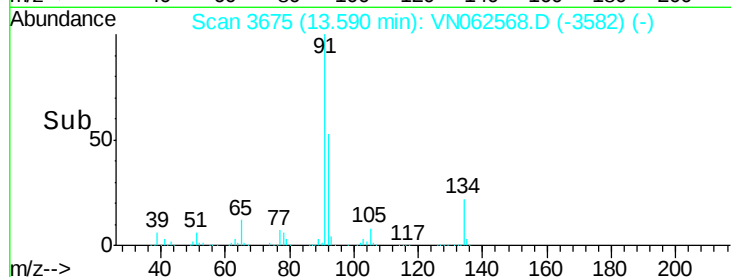
134 23.5 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VN062568.D (-3661) (-)

Ion 92.00 (91.70 to 92.70): VN062568.D (-3661) (-)

Ion 134.00 (133.70 to 134.70): VN062568.D (-3661) (-)



#90

Hexachloroethane

Concen: 52.316 ug/l

RT: 13.85 min Scan# 3756

Delta R.T. 0.00 min

Lab File: VN062568.D

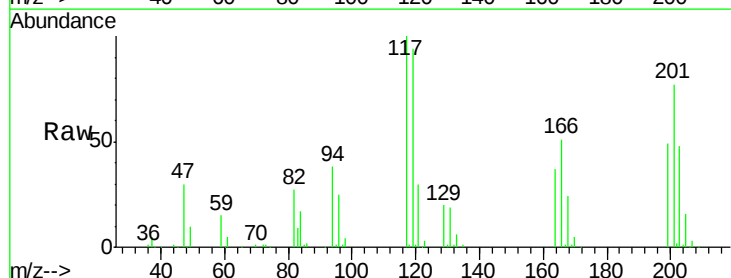
Acq: 21 Jul 2020 12:45

Tgt Ion: 117 Resp: 99586

Ion Ratio Lower Upper

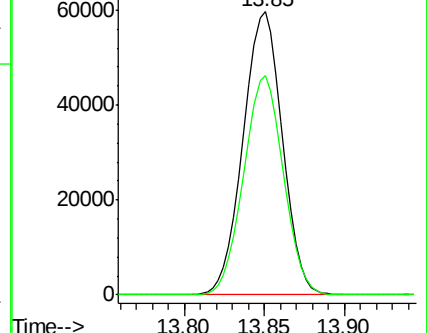
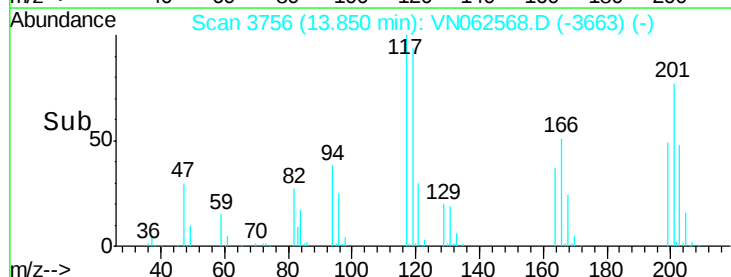
117 100

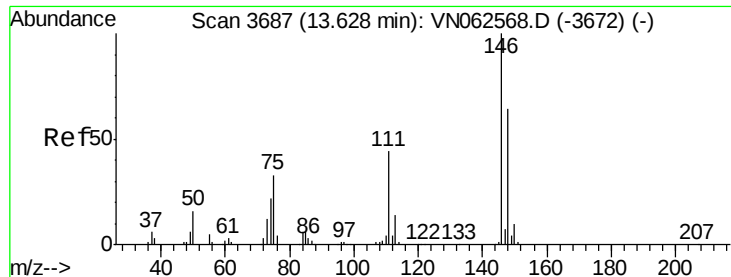
201 78.4 39.2 117.6



Abundance Ion 116.80 (116.50 to 117.50): VN062568.D (-3742) (-)

Ion 200.70 (200.40 to 201.40): VN062568.D (-3742) (-)





#91

1,2-Dichlorobenzene

Concen: 54.167 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. 0.00 min

Lab File: VN062568.D

Acq: 21 Jul 2020 12:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

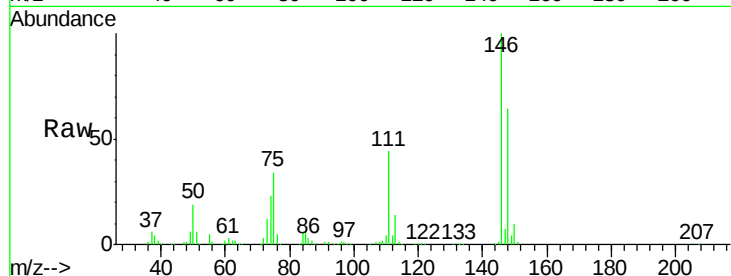
Tgt Ion:146 Resp: 250739

Ion Ratio Lower Upper

146 100

111 43.9 21.9 65.8

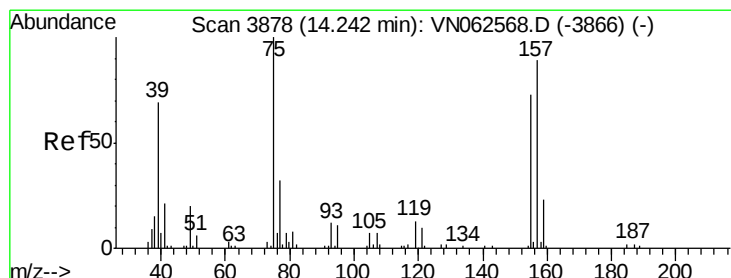
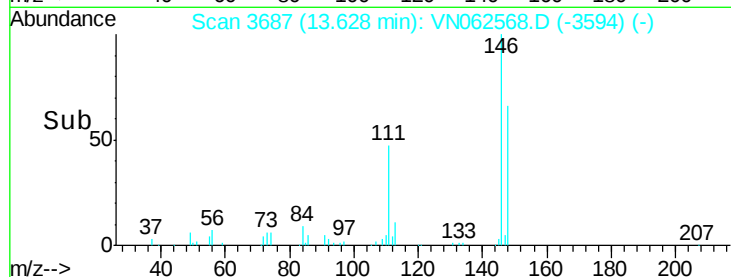
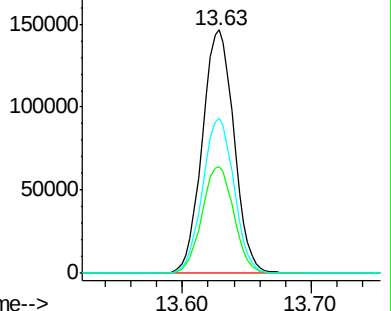
148 63.1 31.6 94.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.676 ug/l

RT: 14.24 min Scan# 3878

Delta R.T. 0.00 min

Lab File: VN062568.D

Acq: 21 Jul 2020 12:45

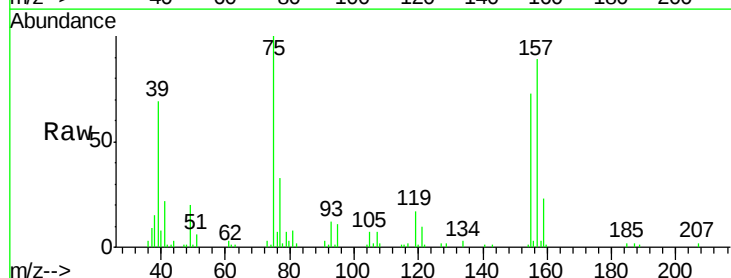
Tgt Ion: 75 Resp: 39115

Ion Ratio Lower Upper

75 100

155 71.7 35.9 107.5

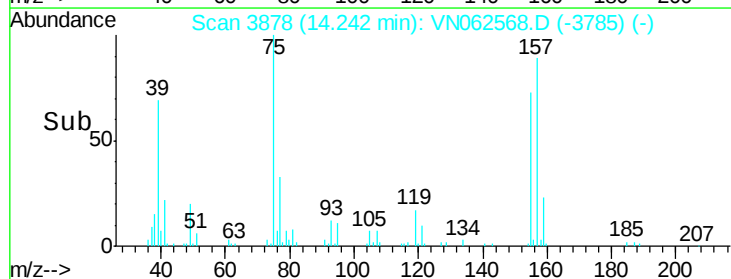
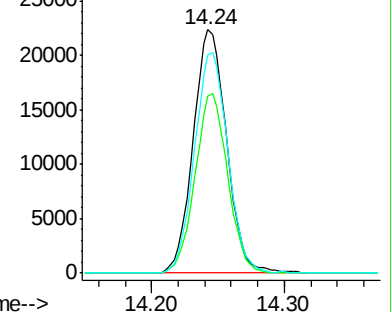
157 90.0 45.0 135.0

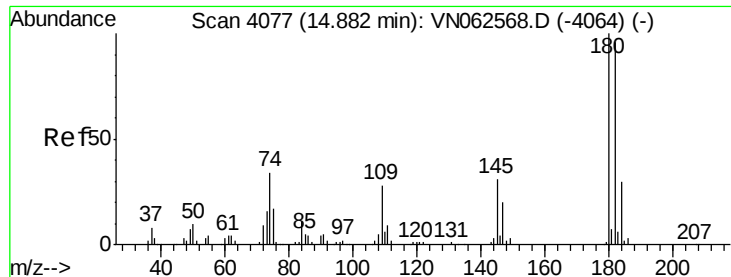


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

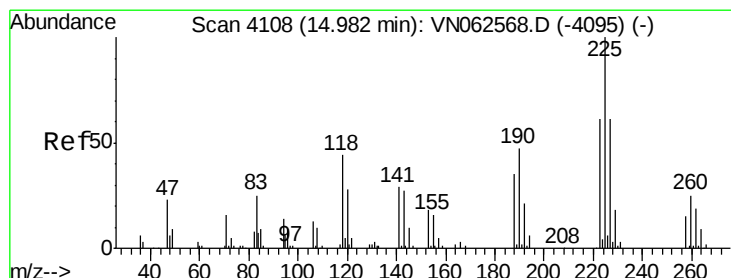
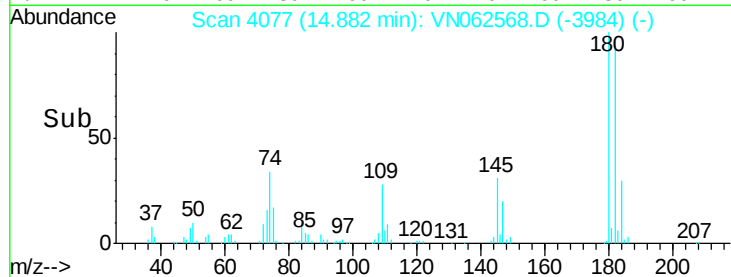
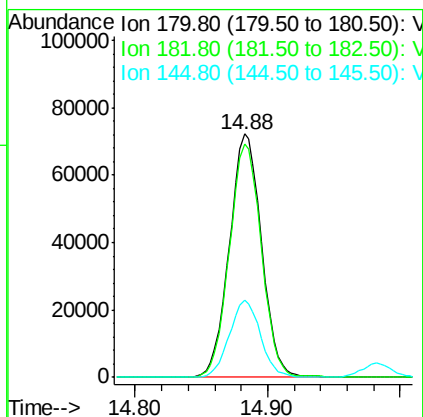
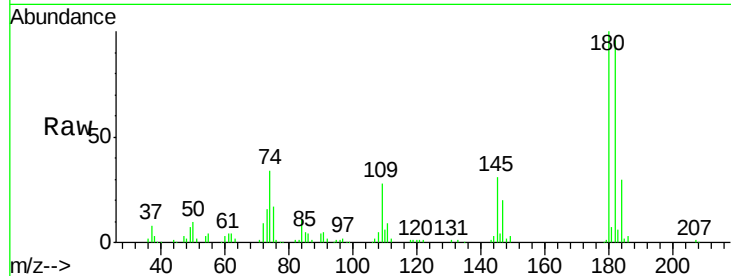




#93
 1,2,4-Trichlorobenzene
 Concen: 58.451 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062568.D
 Acq: 21 Jul 2020 12:45

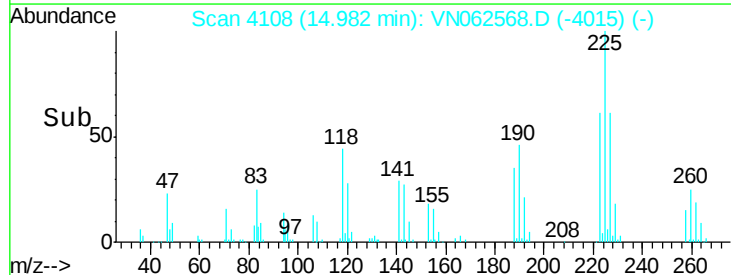
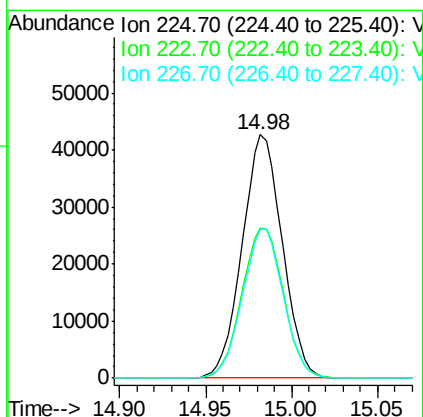
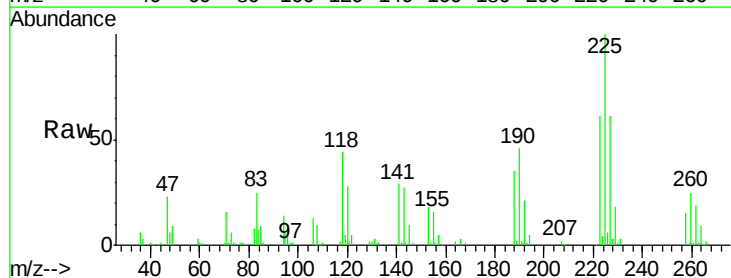
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

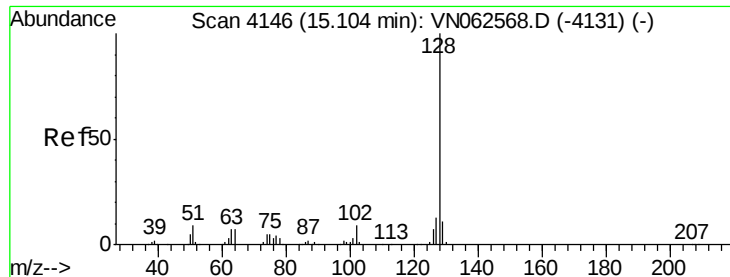
Tgt Ion:180 Resp: 121445
 Ion Ratio Lower Upper
 180 100
 182 95.5 47.8 143.3
 145 30.6 15.3 45.9



#94
 Hexachlorobutadiene
 Concen: 55.687 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. 0.00 min
 Lab File: VN062568.D
 Acq: 21 Jul 2020 12:45

Tgt Ion:225 Resp: 69100
 Ion Ratio Lower Upper
 225 100
 223 64.0 32.0 96.0
 227 62.1 31.1 93.2

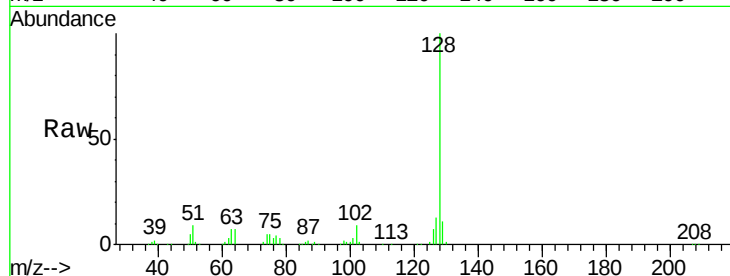




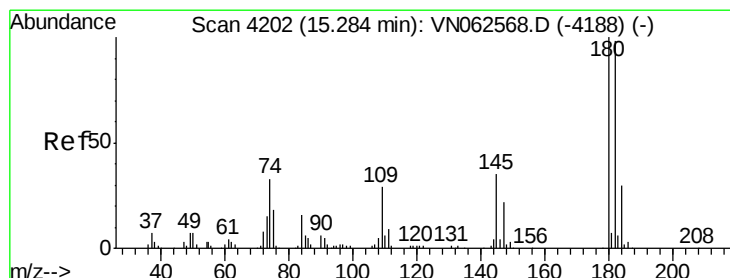
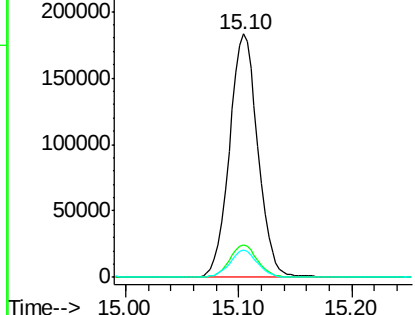
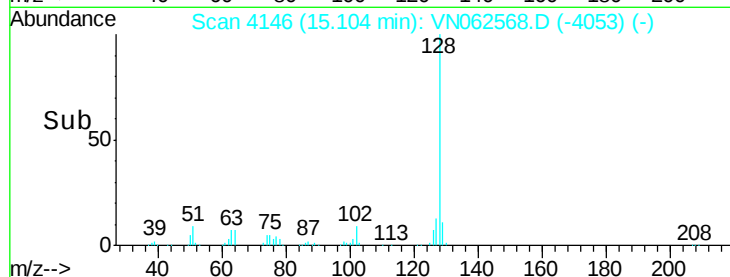
#95
Naphthalene
Concen: 54.832 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN062568.D
Acq: 21 Jul 2020 12:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 318974
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.9 8.7 13.1

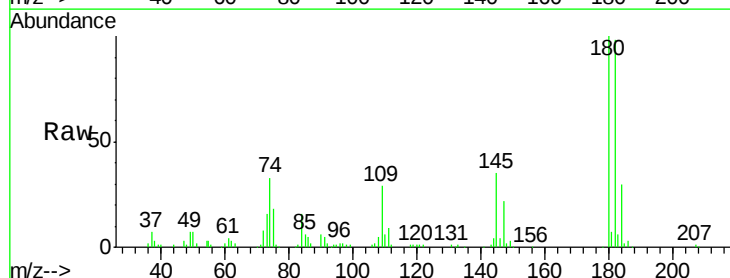


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 55.836 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. 0.00 min
Lab File: VN062568.D
Acq: 21 Jul 2020 12:45

Tgt Ion:180 Resp: 120709
Ion Ratio Lower Upper
180 100
182 96.2 48.1 144.3
145 33.4 16.7 50.1



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

