

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081420\
 Data File : VN062938.D
 Acq On : 14 Aug 2020 14:02
 Operator : JC/MD
 Sample : VN0814WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Quant Time: Aug 14 17:27:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N081420W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Aug 14 06:20:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	26418	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	137693	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	131911	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.99	65	71481	30.29	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.97%
60) 4-Bromofluorobenzene	12.38	95	66089	28.45	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	94.83%
63) Toluene-d8	10.06	98	186022	30.16	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.53%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	45787	20.216	ug/l 99
3) Chloromethane	2.03	50	34276	17.472	ug/l 95
4) Vinyl Chloride	2.16	62	34828	16.805	ug/l 93
5) Bromomethane	2.52	94	27482	15.376	ug/l 96
6) Chloroethane	2.66	64	38261	21.288	ug/l 94
7) Trichlorofluoromethane	2.98	101	81709	20.220	ug/l 100
8) Diethyl Ether	3.38	74	16711	18.893	ug/l 94
9) 1,1,2-Trichlorotrifluoroet	3.71	101	26101	19.633	ug/l 96
10) 1,1-Dichloroethene	3.69	96	21912	17.978	ug/l 91
11) Methyl Iodide	3.91	142	21286	12.574	ug/l 97
12) Methyl Acetate	4.28	43	31919	17.290	ug/l 100
13) Acrolein	3.57	56	18035	76.466	ug/l 97
14) Acrylonitrile	4.94	53	72091	89.458	ug/l 96
15) Acetone	3.78	58	20258	94.118	ug/l 91
16) Carbon Disulfide	4.01	76	61285	17.630	ug/l 98
17) Allyl chloride	4.27	41	38863	18.509	ug/l 91
18) Methylene Chloride	4.50	84	30321	19.228	ug/l 91
19) trans-1,2-Dichloroethene	4.99	96	25158	18.482	ug/l 95
20) Diisopropyl ether	5.90	45	92583	18.836	ug/l 97
21) 1,1-Dichloroethane	5.80	63	54063	18.792	ug/l 97
22) cis-1,2-Dichloroethene	6.78	96	30365	18.657	ug/l # 89
23) tert-Butyl Alcohol	4.74	59	27677	80.277	ug/l # 100
24) Methyl tert-Butyl Ether	5.00	73	97282	18.367	ug/l # 73
25) Chloroform	7.33	83	60168	19.275	ug/l 97
26) Cyclohexane	7.61	56	43389	17.814	ug/l # 96
29) 1,1-Dichloropropene	7.75	75	38496	18.954	ug/l 99
30) 2-Butanone	6.79	43	95029	90.632	ug/l 99
31) 2,2-Dichloropropane	6.77	77	49572	24.511	ug/l 97
32) 1,1,1-Trichloroethane	7.53	97	54755	19.676	ug/l 96
33) Carbon Tetrachloride	7.73	117	47508	19.252	ug/l 96
34) Benzene	8.00	78	112401	18.409	ug/l 94
35) Methacrylonitrile	7.13	41	15388	16.543	ug/l 97
36) 1,2-Dichloroethane	8.08	62	50765	19.142	ug/l 98
37) Trichloroethene	8.80	130	29301	19.347	ug/l 95
38) Methylcyclohexane	9.05	83	43889	18.066	ug/l 98
39) 1,2-Dichloropropane	9.08	63	31053	18.632	ug/l 97
40) Dibromomethane	9.17	93	22020	19.506	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.37	83	49674	19.605	ug/l	97
42) Vinyl Acetate	5.85	43	312231	88.099	ug/l	100
43) Ethyl Acetate	6.88	43	36774	17.855	ug/l #	83
44) Isopropyl Acetate	8.12	43	59793	17.778	ug/l	96
45) 1,4-Dioxane	9.17	88	11435	347.169	ug/l	96
46) Methyl methacrylate	9.17	41	29068	17.283	ug/l	98
47) n-amyl Acetate	12.05	43	50885	16.959	ug/l	97
48) t-1,3-Dichloropropene	10.35	75	48962	18.498	ug/l	97
49) cis-1,3-Dichloropropene	9.81	75	50806	19.101	ug/l	100
50) 1,1,2-Trichloroethane	10.53	97	31450	19.384	ug/l	97
51) Ethyl methacrylate	10.40	69	43490	17.608	ug/l	94
52) 1,3-Dichloropropane	10.68	76	53359	19.034	ug/l	99
53) Dibromochloromethane	10.88	129	37351	19.258	ug/l	99
54) 1,2-Dibromoethane	10.98	107	30896	18.608	ug/l	99
55) 2-Chloroethyl vinyl ether	9.66	63	45602	76.292	ug/l	97
56) Bromoform	12.10	173	26604	19.325	ug/l	99
58) 4-Methyl-2-Pentanone	9.95	43	203117	88.491	ug/l	99
59) 2-Hexanone	10.72	43	145804	86.996	ug/l	99
61) Tetrachloroethene	10.60	164	26154	19.178	ug/l	96
62) Toluene	10.13	91	129316	18.593	ug/l	100
64) Chlorobenzene	11.41	112	82208	18.842	ug/l	94
65) 1,1,1,2-Tetrachloroethane	11.48	131	35143	19.478	ug/l	97
66) Ethyl Benzene	11.48	91	142438	18.396	ug/l	99
67) m/p-Xylenes	11.60	106	106262	37.074	ug/l	99
68) o-Xylene	11.92	106	50684	18.421	ug/l	97
69) Styrene	11.94	104	88425	18.100	ug/l	99
70) Isopropylbenzene	12.22	105	143967	18.386	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.48	83	47751	18.527	ug/l	99
72) 1,2,3-Trichloropropane	12.53	75	57478	22.519	ug/l	83
73) Bromobenzene	12.50	156	35399	18.438	ug/l	98
74) n-propylbenzene	12.57	91	163474	18.092	ug/l	98
75) 2-Chlorotoluene	12.65	91	104365	18.398	ug/l	99
76) 1,3,5-Trimethylbenzene	12.71	105	127601	18.328	ug/l	99
77) t-1,4-Dichloro-2-butene	12.28	75	11474	13.960	ug/l	92
78) 4-Chlorotoluene	12.75	91	104587	18.127	ug/l	98
79) tert-butylbenzene	12.97	119	105029	18.264	ug/l	98
80) 1,2,4-Trimethylbenzene	13.01	105	123530	18.156	ug/l	98
81) sec-Butylbenzene	13.15	105	140123	18.456	ug/l	100
82) p-Isopropyltoluene	13.26	119	123351	18.172	ug/l	99
83) 1,3-Dichlorobenzene	13.26	146	61972	18.420	ug/l	99
84) 1,4-Dichlorobenzene	13.34	146	60605	18.347	ug/l	97
85) n-Butylbenzene	13.59	91	90920	15.712	ug/l	98
86) Hexachloroethane	13.85	117	22947	15.604	ug/l	99
87) 1,2-Dichlorobenzene	13.63	146	60973	17.559	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	14.24	75	9728	16.003	ug/l	96
89) 1,2,4-Trichlorobenzene	14.88	180	25818	16.142	ug/l	99
90) Hexachlorobutadiene	14.98	225	20058	18.771	ug/l	97
91) Naphthalene	15.10	128	60670	14.013	ug/l	98
92) 1,2,3-Trichlorobenzene	15.28	180	25706	16.050	ug/l	99

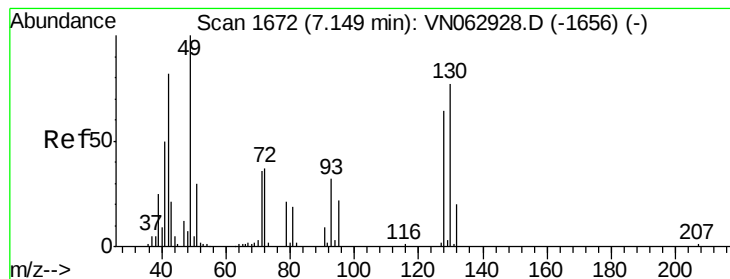
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.15 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VN062938.D

Acq: 14 Aug 2020 14:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

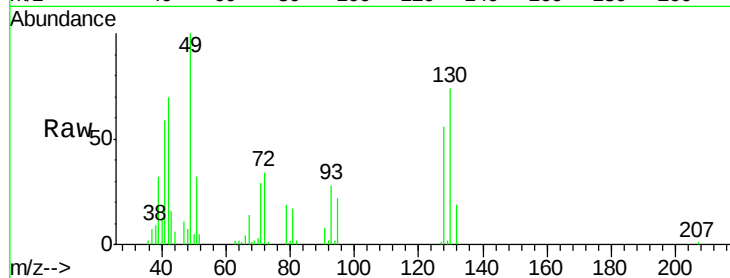
Tgt Ion:128 Resp: 26418

Ion Ratio Lower Upper

128 100

49 162.6 0.0 410.0

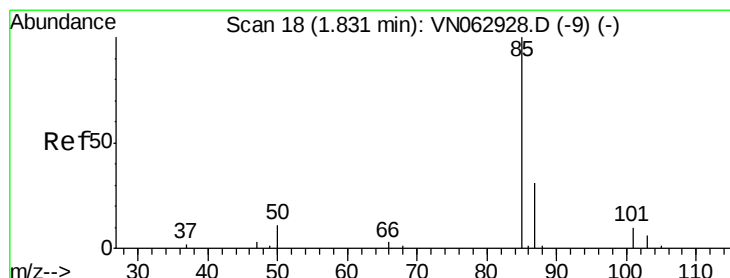
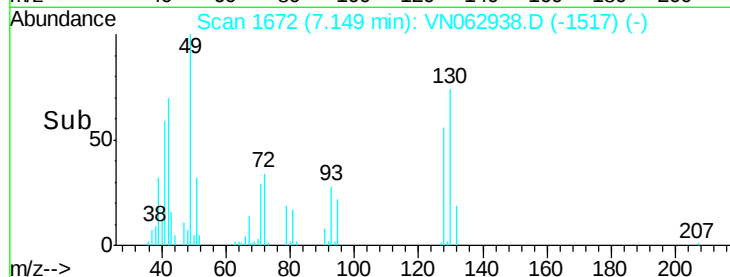
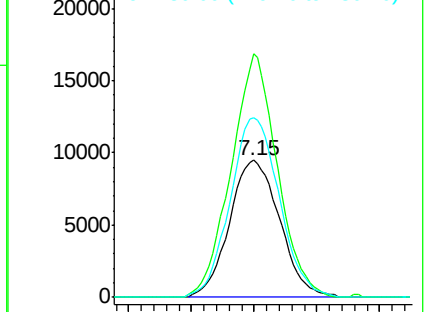
130 128.7 0.0 316.5



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 20.216 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062938.D

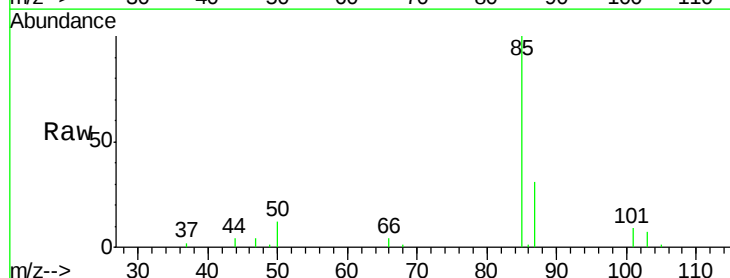
Acq: 14 Aug 2020 14:02

Tgt Ion: 85 Resp: 45787

Ion Ratio Lower Upper

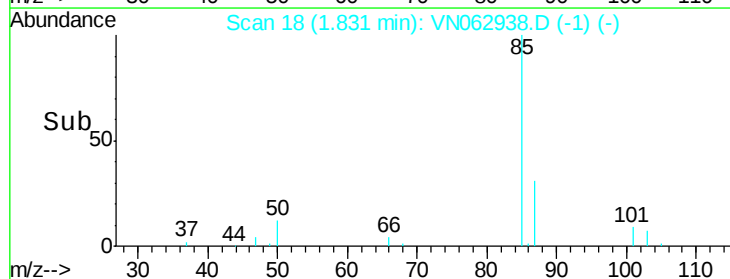
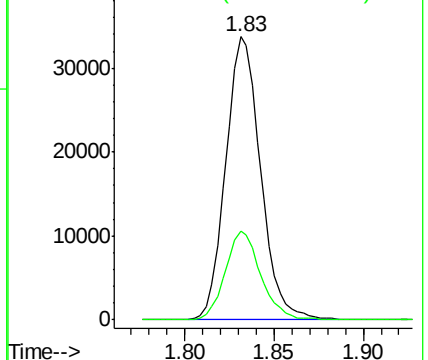
85 100

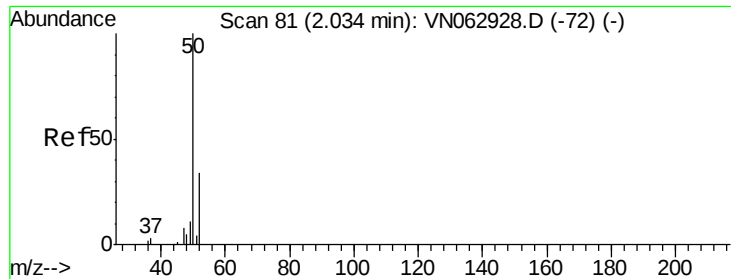
87 31.3 15.4 46.2



Abundance Ion 85.00 (84.70 to 85.70): VN

Ion 87.00 (86.70 to 87.70): VN





#3

Chloromethane

Concen: 17.472 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN062938.D

Acq: 14 Aug 2020 14:02

Instrument :

MSVOA_N

ClientSampleId :

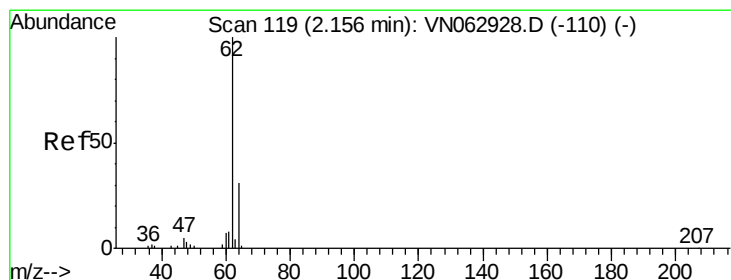
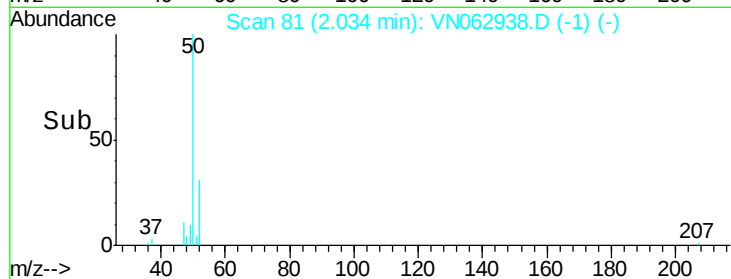
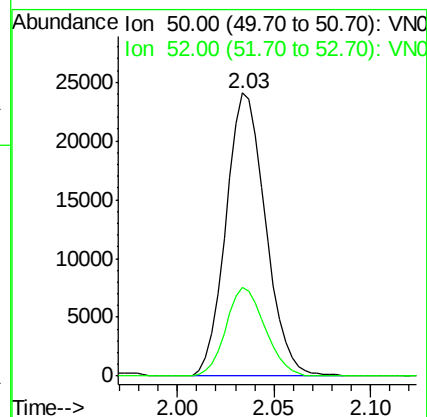
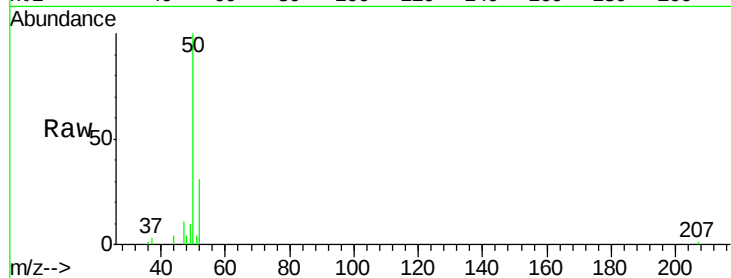
VSTDCCC020EC

Tgt Ion: 50 Resp: 34276

Ion Ratio Lower Upper

50 100

52 31.2 27.1 40.7



#4

Vinyl Chloride

Concen: 16.805 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062938.D

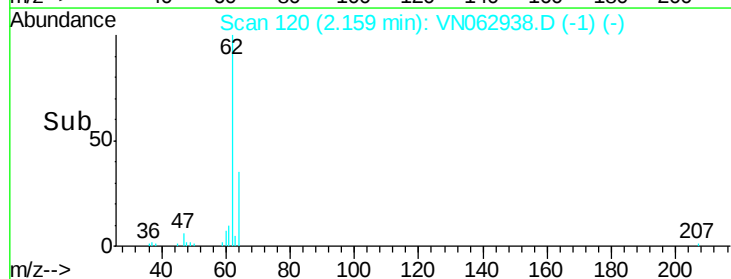
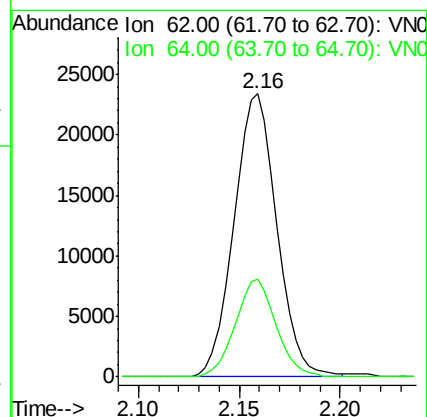
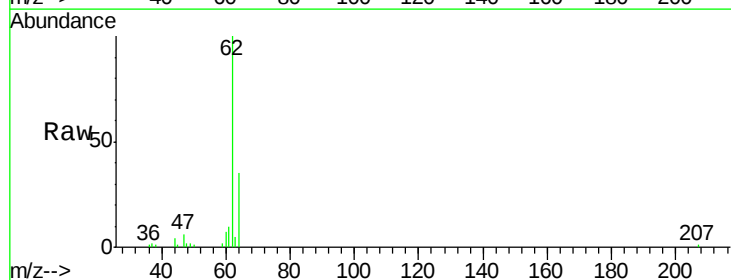
Acq: 14 Aug 2020 14:02

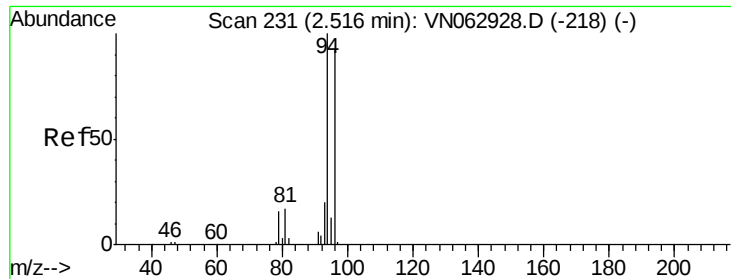
Tgt Ion: 62 Resp: 34828

Ion Ratio Lower Upper

62 100

64 34.6 24.6 37.0





#5

Bromomethane

Concen: 15.376 ug/l

RT: 2.52 min Scan# 232

Delta R.T. 0.00 min

Lab File: VN062938.D

Acq: 14 Aug 2020 14:02

Instrument :

MSVOA_N

ClientSampleId :

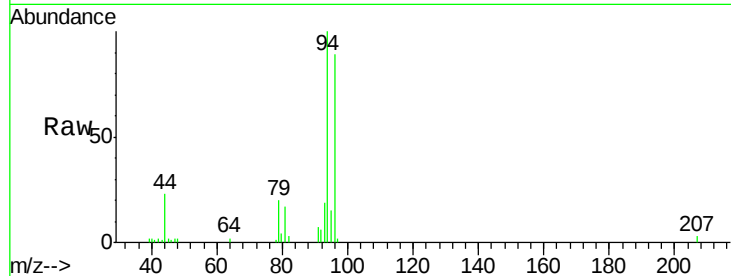
VSTDCCC020EC

Tgt Ion: 94 Resp: 27482

Ion Ratio Lower Upper

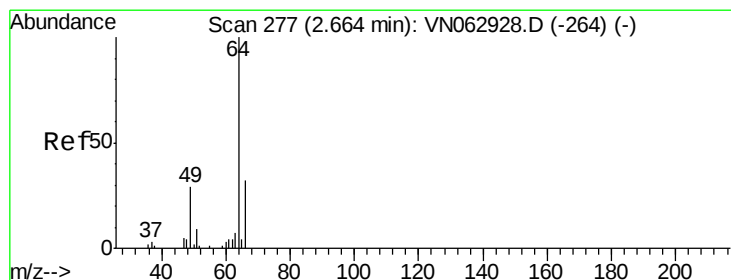
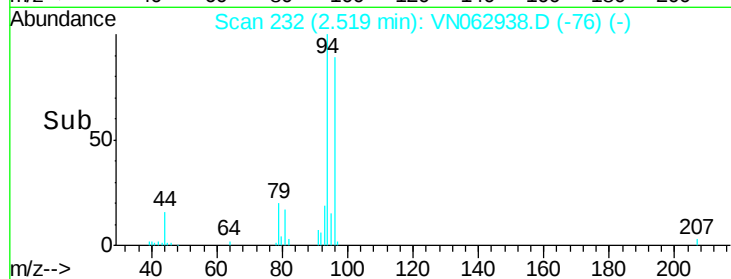
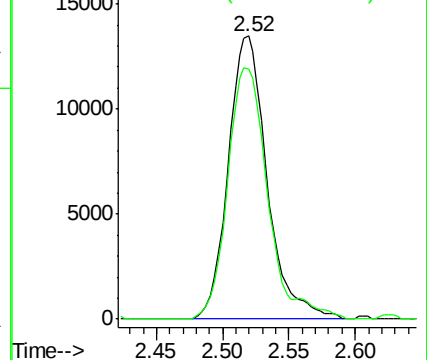
94 100

96 88.5 73.7 110.5



Abundance Ion 94.00 (93.70 to 94.70): VN0

Ion 96.00 (95.70 to 96.70): VN0



#6

Chloroethane

Concen: 21.288 ug/l

RT: 2.66 min Scan# 276

Delta R.T. -0.00 min

Lab File: VN062938.D

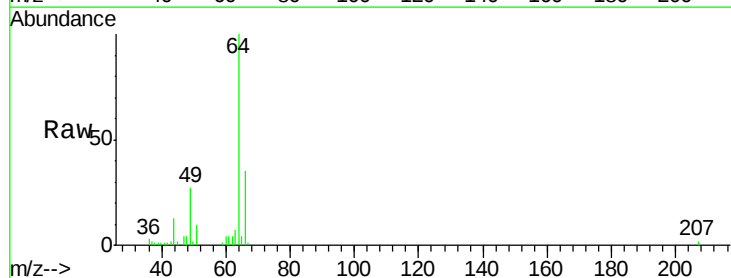
Acq: 14 Aug 2020 14:02

Tgt Ion: 64 Resp: 38261

Ion Ratio Lower Upper

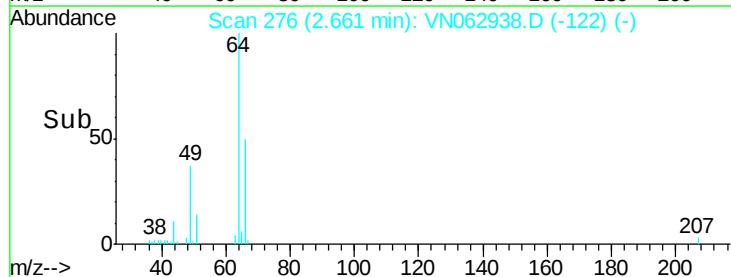
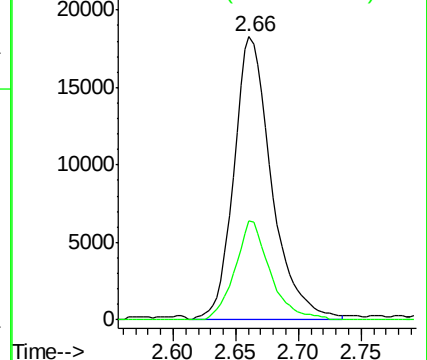
64 100

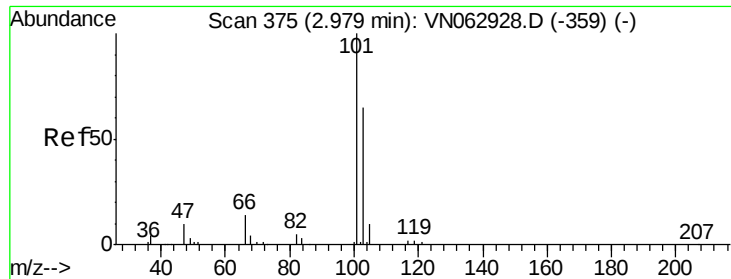
66 34.8 25.3 37.9



Abundance Ion 64.00 (63.70 to 64.70): VN0

Ion 66.00 (65.70 to 66.70): VN0



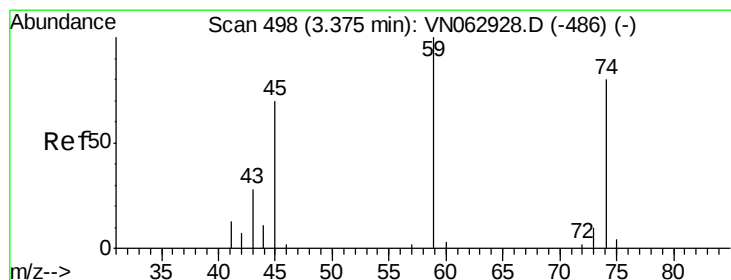
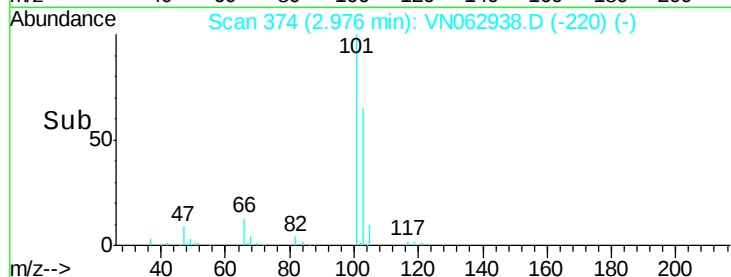
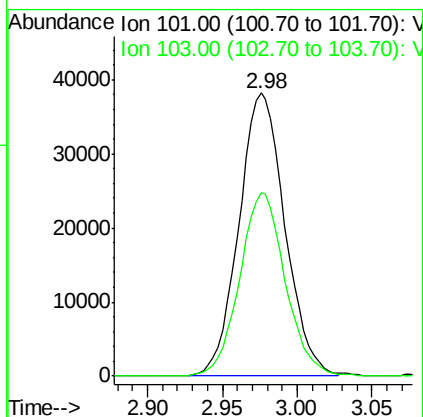
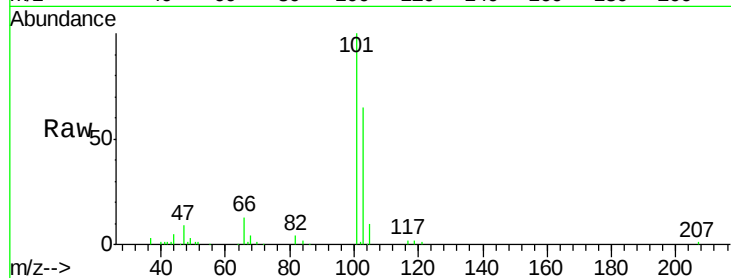


#7

Trichlorofluoromethane
 Concen: 20.220 ug/l
 RT: 2.98 min Scan# 374
 Delta R.T. -0.00 min
 Lab File: VN062938.D
 Acq: 14 Aug 2020 14:02

Instrument :
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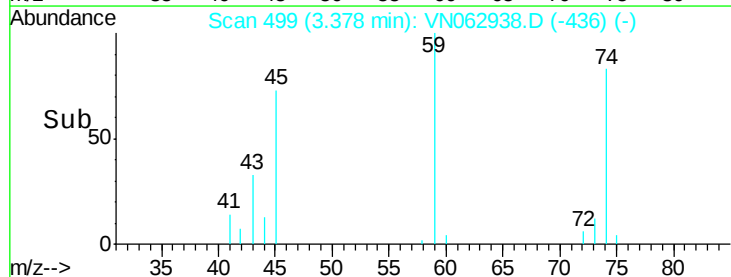
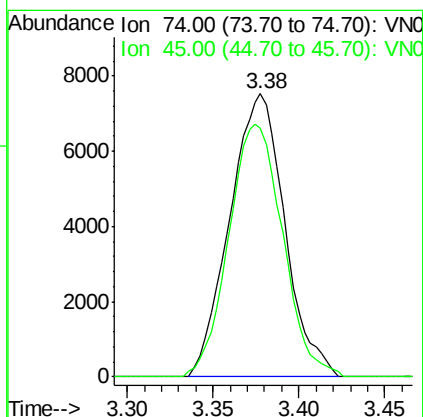
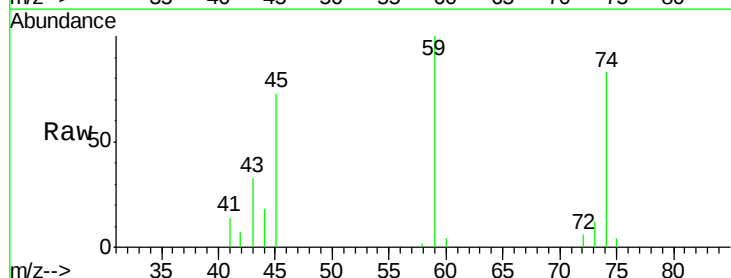
Tgt Ion: 101 Resp: 81709
 Ion Ratio Lower Upper
 101 100
 103 64.9 51.8 77.6

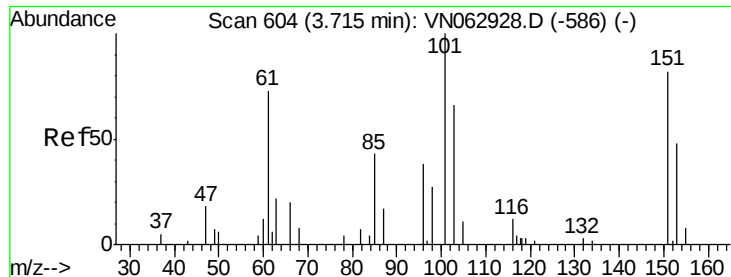


#8

Diethyl Ether
 Concen: 18.893 ug/l
 RT: 3.38 min Scan# 499
 Delta R.T. 0.00 min
 Lab File: VN062938.D
 Acq: 14 Aug 2020 14:02

Tgt Ion: 74 Resp: 16711
 Ion Ratio Lower Upper
 74 100
 45 87.7 18.7 167.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.633 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.00 min

Lab File: VN062938.D

Acq: 14 Aug 2020 14:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

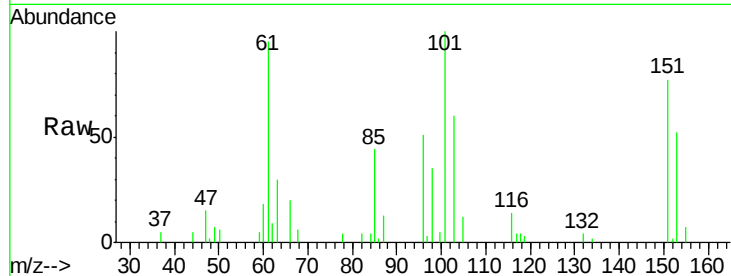
Tgt Ion: 101 Resp: 26101

Ion Ratio Lower Upper

101 100

85 44.5 0.0 92.4

151 77.4 0.0 162.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): V

Ion 151.00 (150.70 to 151.70): V

Time-->

3.65 3.70 3.75 3.80

3.71

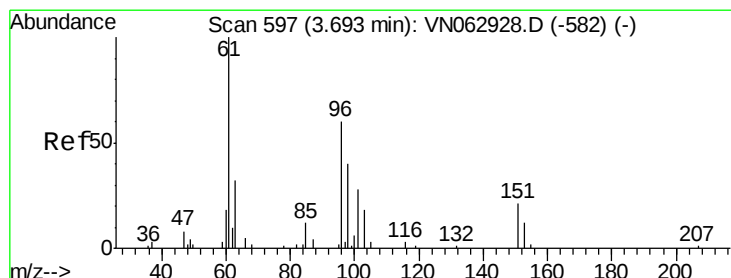
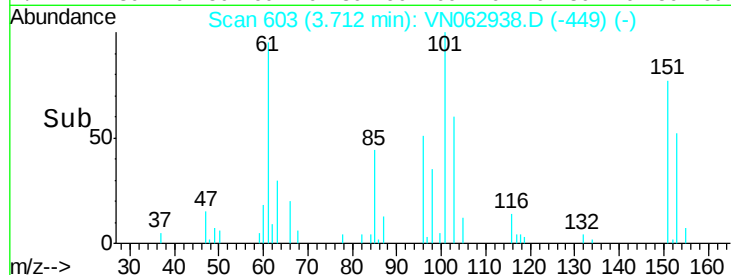
8000

6000

4000

2000

0



#10

1,1-Dichloroethene

Concen: 17.978 ug/l

RT: 3.69 min Scan# 597

Delta R.T. -0.00 min

Lab File: VN062938.D

Acq: 14 Aug 2020 14:02

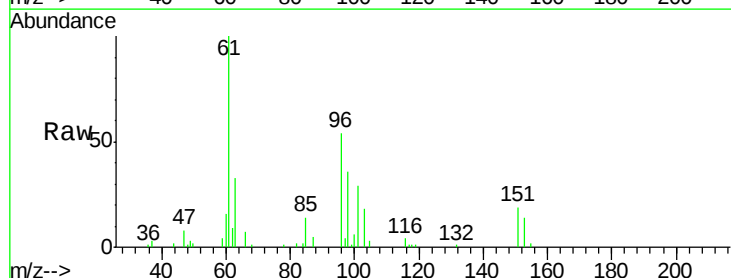
Tgt Ion: 96 Resp: 21912

Ion Ratio Lower Upper

96 100

61 184.5 134.5 201.7

98 67.2 53.3 79.9



Abundance Ion 96.00 (95.70 to 96.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 98.00 (97.70 to 98.70): V

Time-->

3.60 3.65 3.70 3.75

3.69

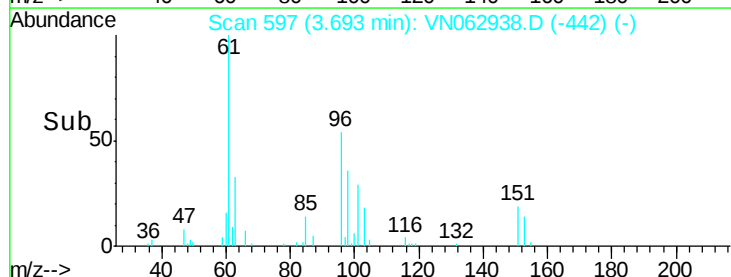
20000

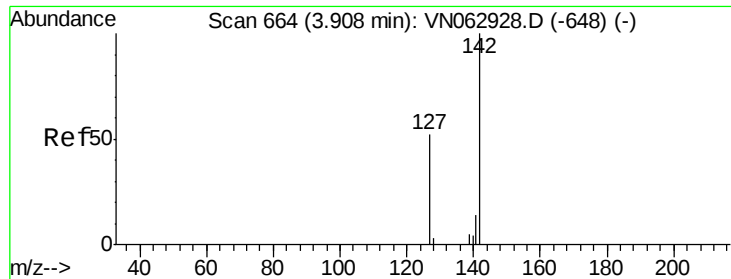
15000

10000

5000

0

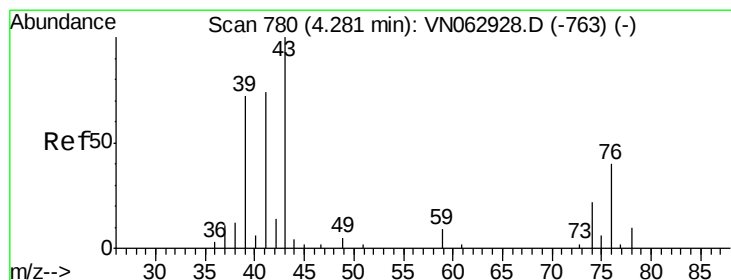
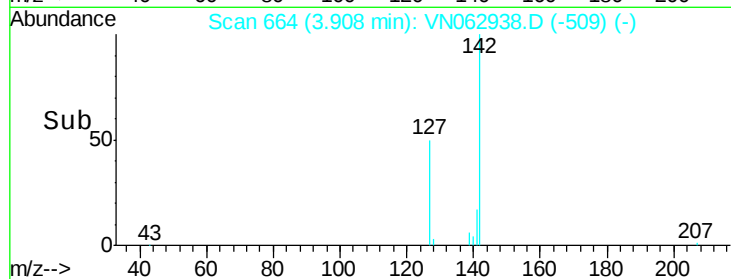
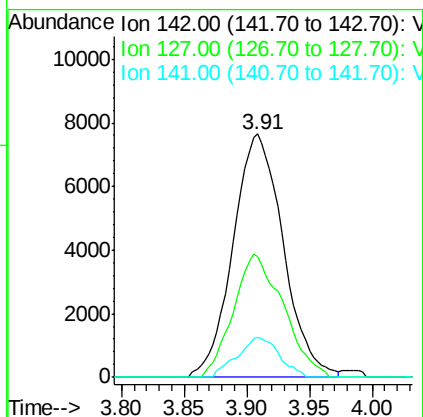
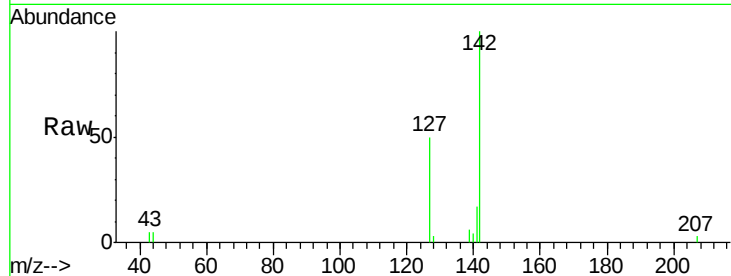




#11
Methyl Iodide
Concen: 12.574 ug/l
RT: 3.91 min Scan# 664
Delta R.T. -0.00 min
Lab File: VN062938.D
Acq: 14 Aug 2020 14:02

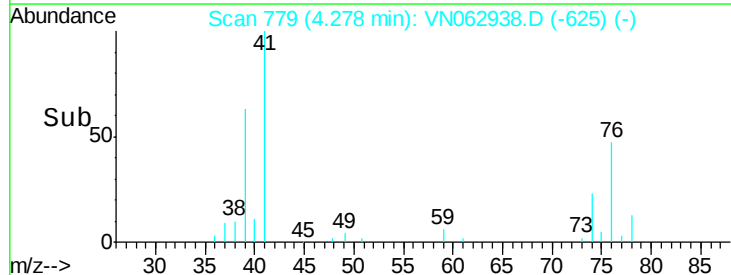
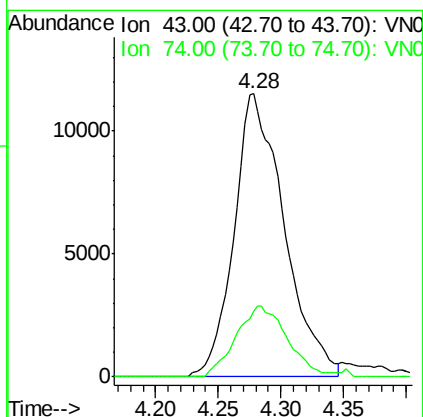
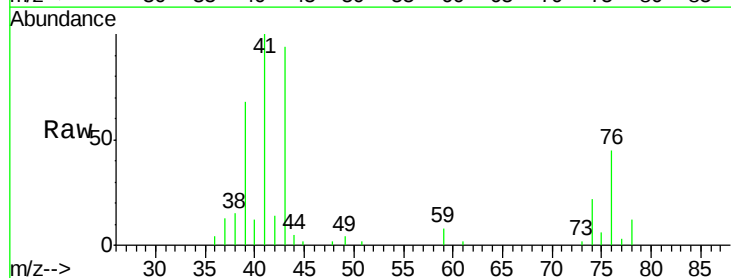
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

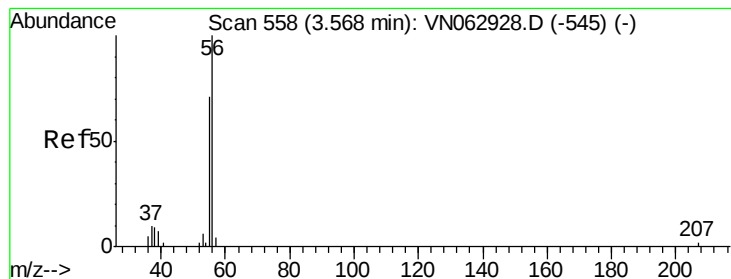
Tgt Ion:142 Resp: 21286
Ion Ratio Lower Upper
142 100
127 50.3 26.1 78.3
141 16.8 7.2 21.7



#12
Methyl Acetate
Concen: 17.290 ug/l
RT: 4.28 min Scan# 779
Delta R.T. -0.00 min
Lab File: VN062938.D
Acq: 14 Aug 2020 14:02

Tgt Ion: 43 Resp: 31919
Ion Ratio Lower Upper
43 100
74 22.8 18.1 27.1





#13

Acrolein

Concen: 76.466 ug/l

RT: 3.57 min Scan# 559

Delta R.T. 0.00 min

Lab File: VN062938.D

Acq: 14 Aug 2020 14:02

Instrument :

MSVOA_N

ClientSampleId :

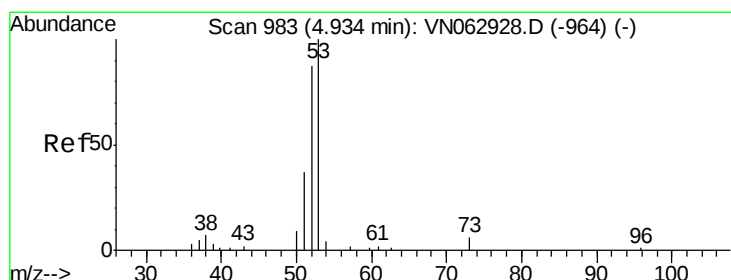
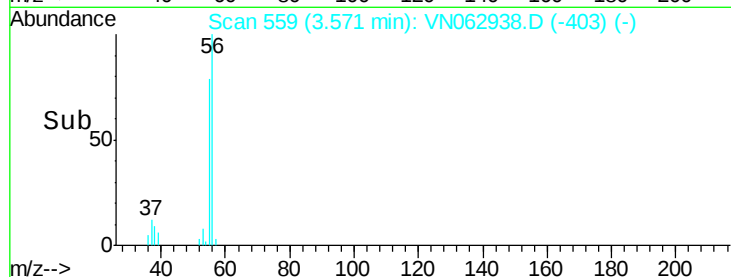
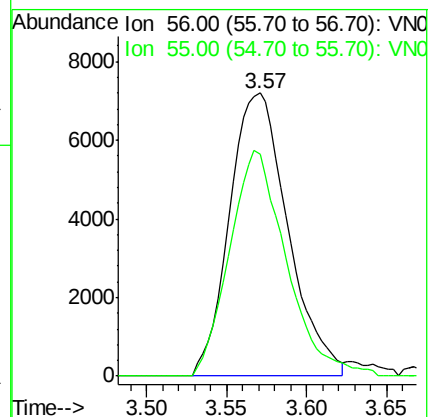
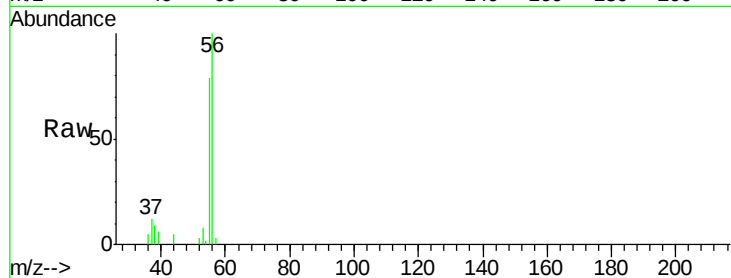
VSTDCCC020EC

Tgt Ion: 56 Resp: 18035

Ion Ratio Lower Upper

56 100

55 77.6 60.2 90.4



#14

Acrylonitrile

Concen: 89.458 ug/l

RT: 4.94 min Scan# 984

Delta R.T. 0.00 min

Lab File: VN062938.D

Acq: 14 Aug 2020 14:02

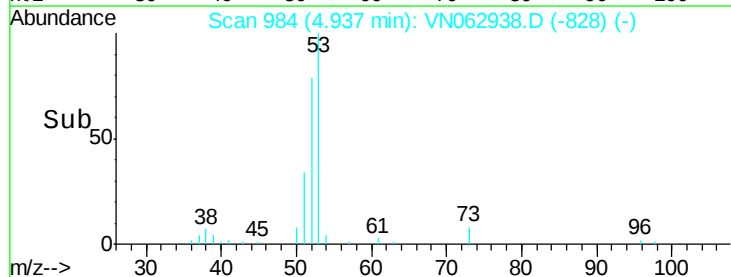
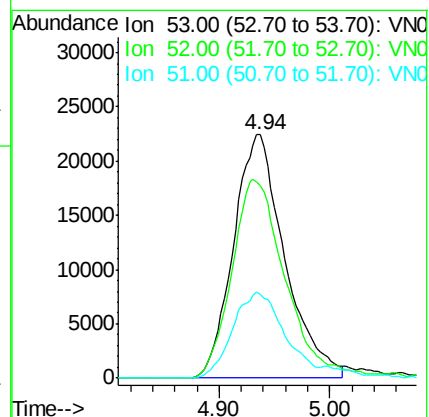
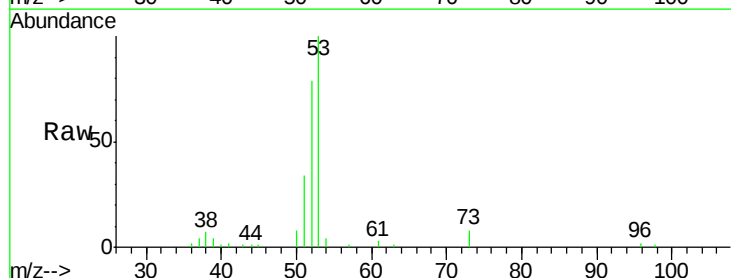
Tgt Ion: 53 Resp: 72091

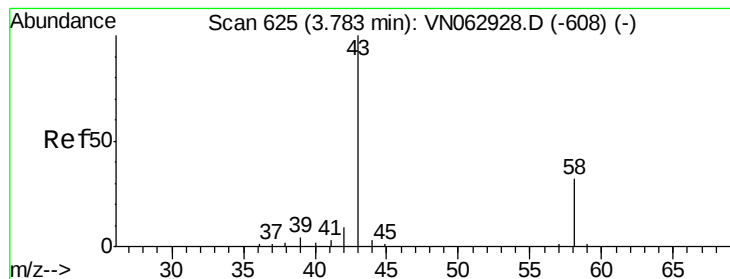
Ion Ratio Lower Upper

53 100

52 82.9 43.1 129.4

51 35.8 19.1 57.1





#15

Acetone

Concen: 94.118 ug/l

RT: 3.78 min Scan# 624

Delta R.T. -0.00 min

Lab File: VN062938.D

Acq: 14 Aug 2020 14:02

Instrument :

MSVOA_N

ClientSampleId :

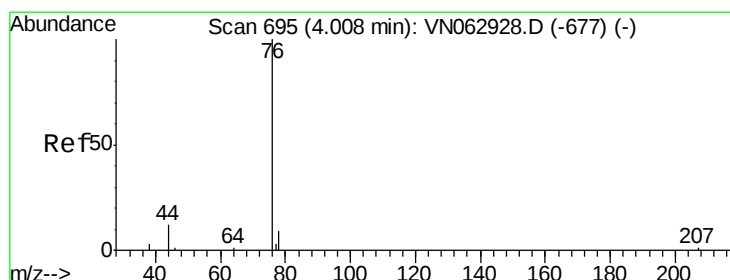
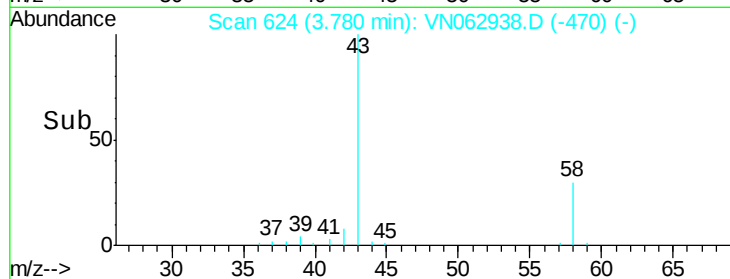
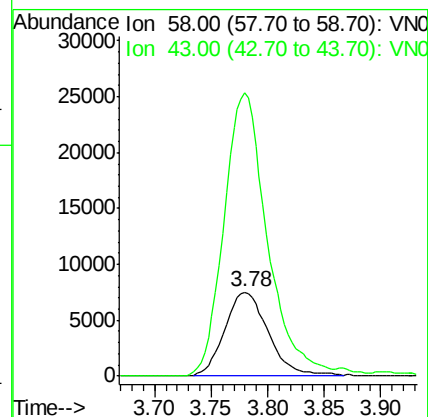
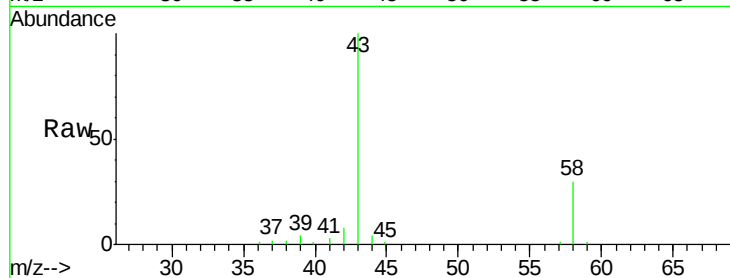
VSTDCCC020EC

Tgt Ion: 58 Resp: 20258

Ion Ratio Lower Upper

58 100

43 331.5 250.0 375.0



#16

Carbon Disulfide

Concen: 17.630 ug/l

RT: 4.01 min Scan# 695

Delta R.T. -0.00 min

Lab File: VN062938.D

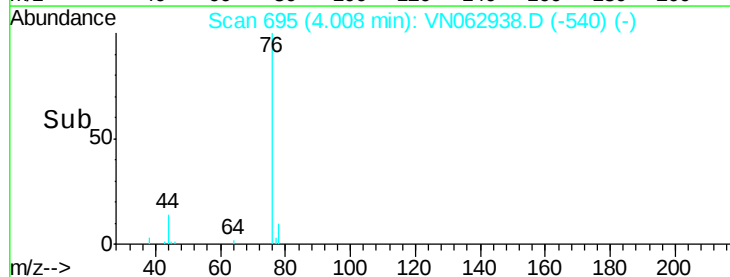
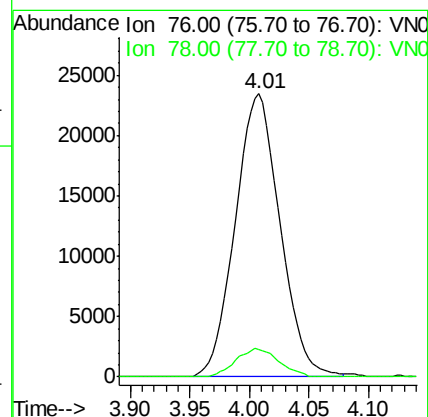
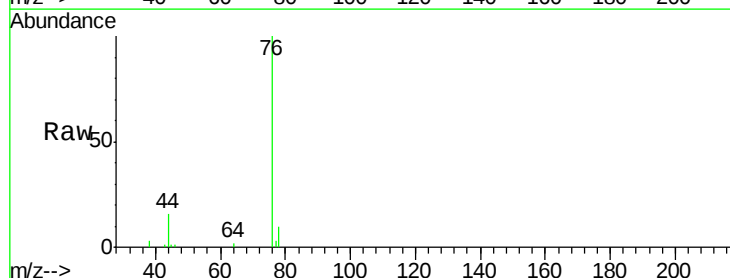
Acq: 14 Aug 2020 14:02

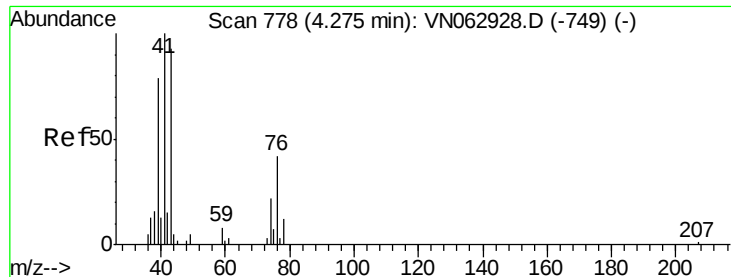
Tgt Ion: 76 Resp: 61285

Ion Ratio Lower Upper

76 100

78 9.7 7.0 10.6





#17

Allyl chloride

Concen: 18.509 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN062938.D

Acq: 14 Aug 2020 14:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

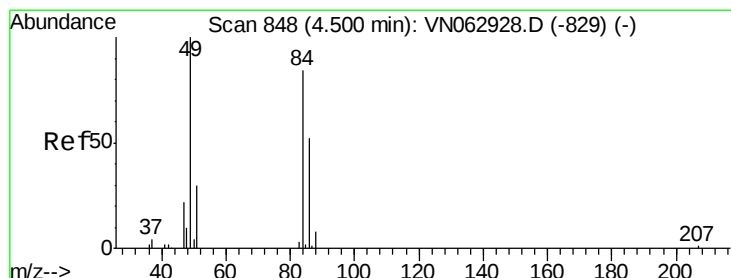
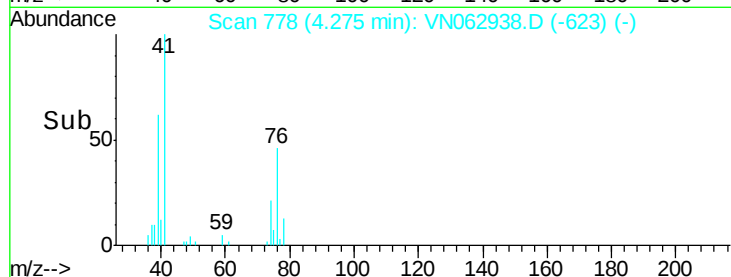
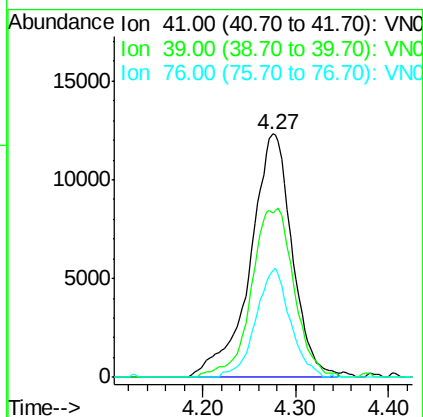
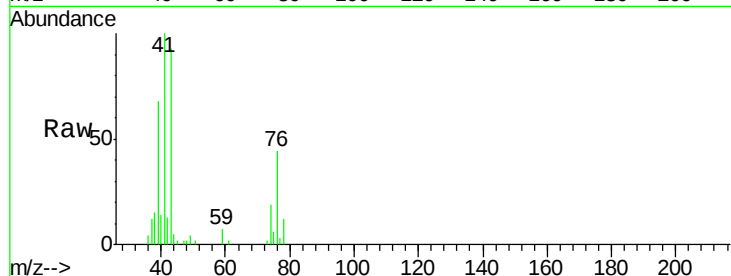
Tgt Ion: 41 Resp: 38863

Ion Ratio Lower Upper

41 100

39 67.6 39.6 118.7

76 43.7 21.3 63.7



#18

Methylene Chloride

Concen: 19.228 ug/l

RT: 4.50 min Scan# 848

Delta R.T. -0.00 min

Lab File: VN062938.D

Acq: 14 Aug 2020 14:02

Tgt Ion: 84 Resp: 30321

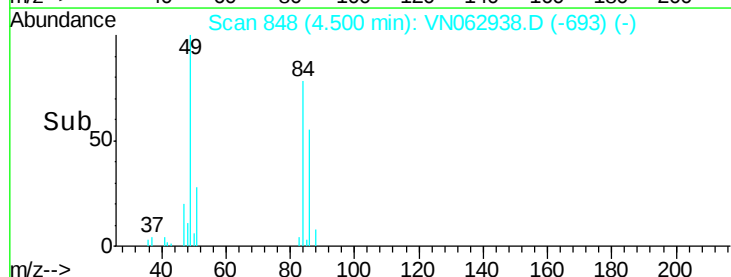
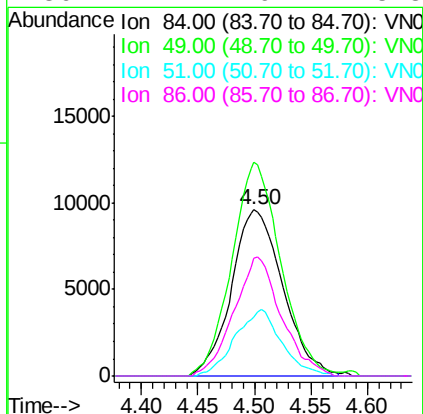
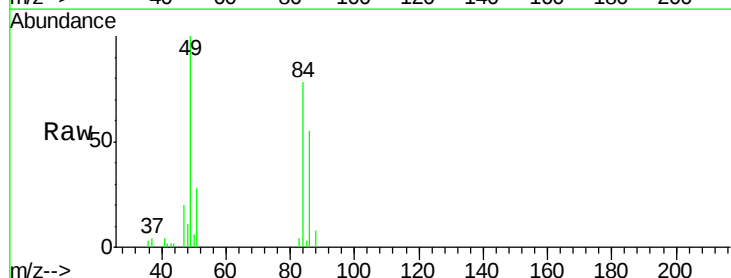
Ion Ratio Lower Upper

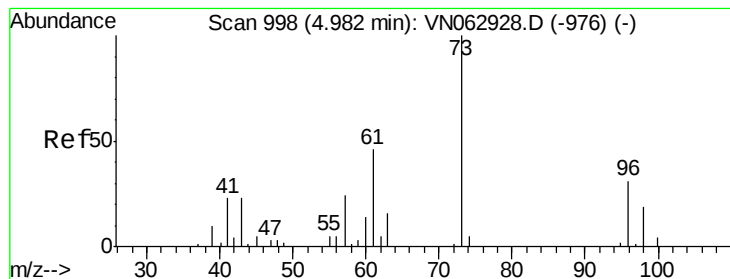
84 100

49 128.7 95.0 142.6

51 35.8 28.2 42.4

86 71.2 49.2 73.8





#19

trans-1,2-Dichloroethene

Concen: 18.482 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.01 min

Lab File: VN062938.D

Acq: 14 Aug 2020 14:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

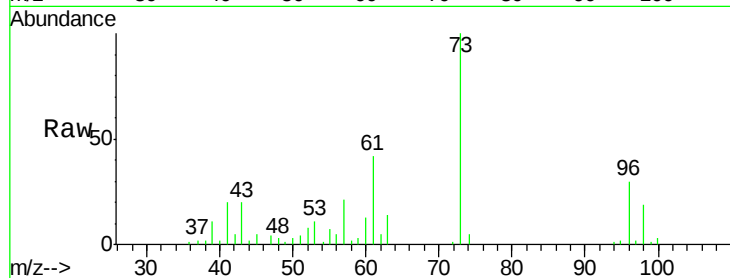
Tgt Ion: 96 Resp: 25158

Ion Ratio Lower Upper

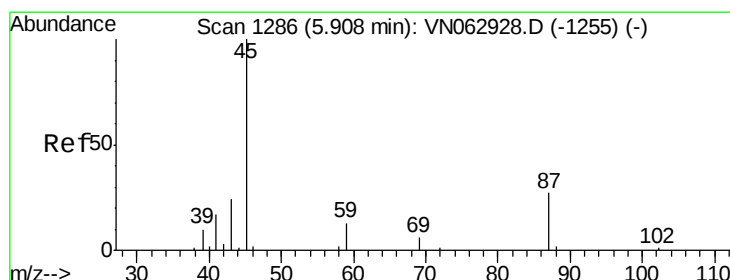
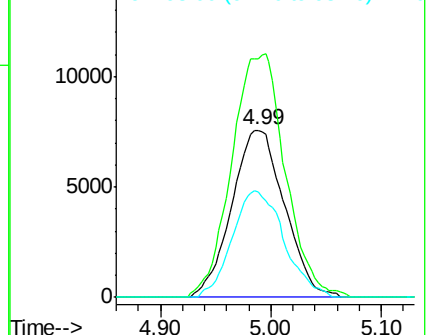
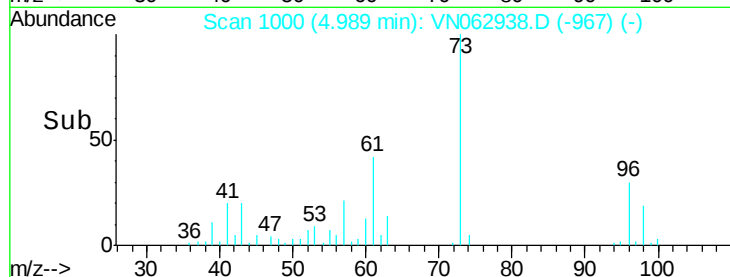
96 100

61 140.1 118.0 177.0

98 62.8 48.7 73.1



Abundance Ion 96.00 (95.70 to 96.70): VN062938.D (-967) (-)



#20

Diisopropyl ether

Concen: 18.836 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. -0.01 min

Lab File: VN062938.D

Acq: 14 Aug 2020 14:02

Tgt Ion: 45 Resp: 92583

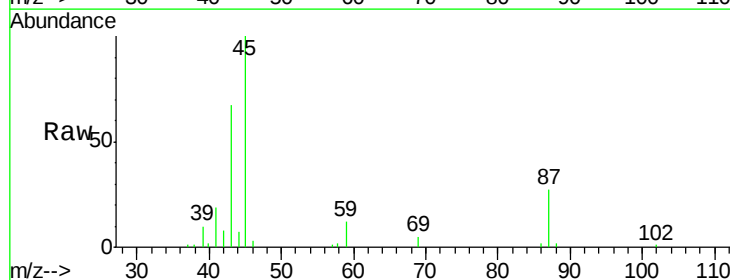
Ion Ratio Lower Upper

45 100

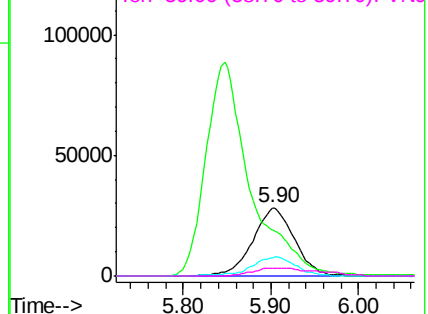
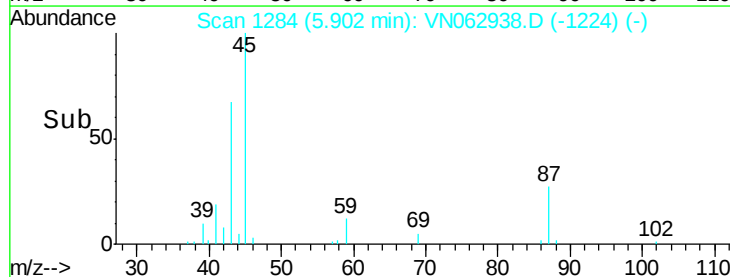
43 63.5 48.6 72.8

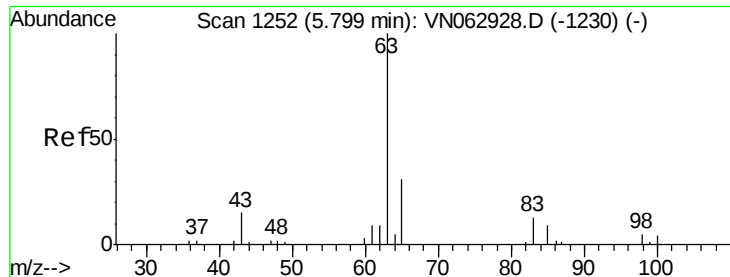
87 27.3 22.6 34.0

59 11.7 10.6 15.8



Abundance Ion 45.00 (44.70 to 45.70): VN062938.D (-1224) (-)

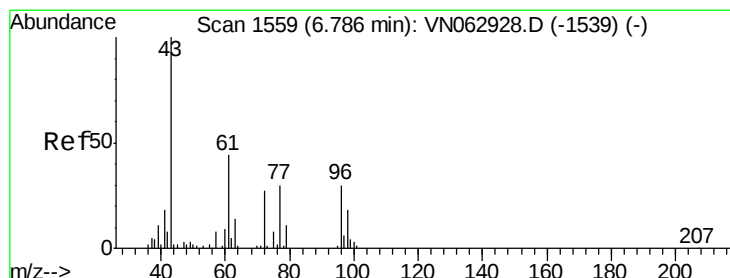
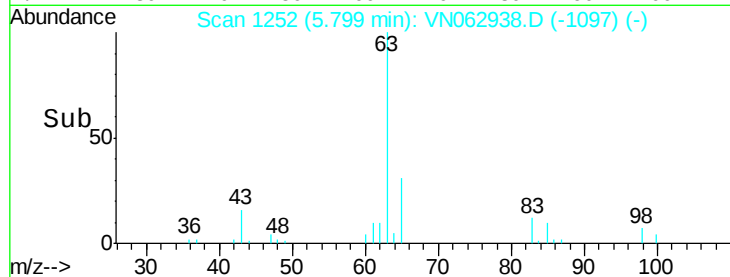
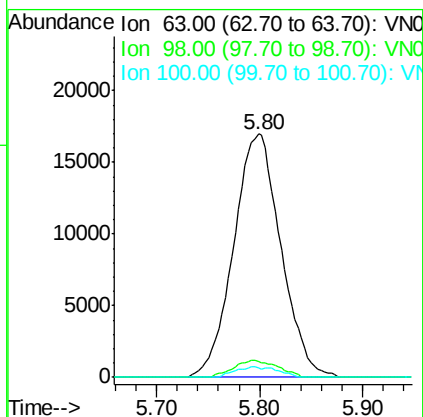
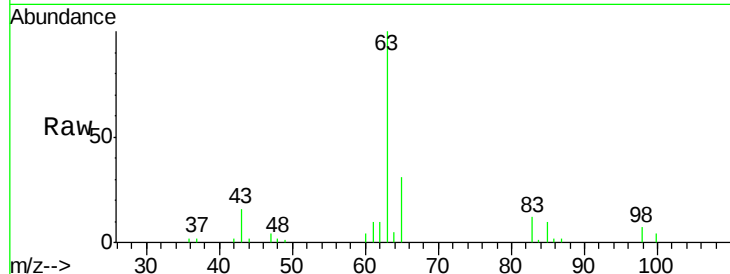




#21
 1,1-Dichloroethane
 Concen: 18.792 ug/l
 RT: 5.80 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: VN062938.D
 Acq: 14 Aug 2020 14:02

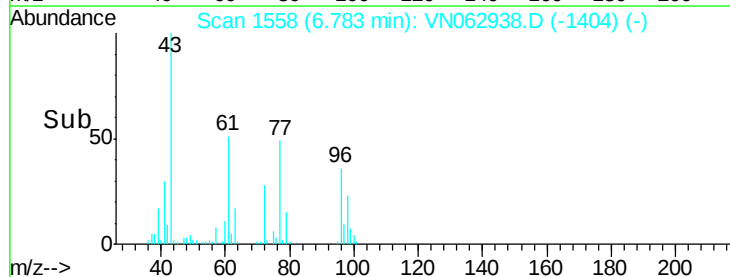
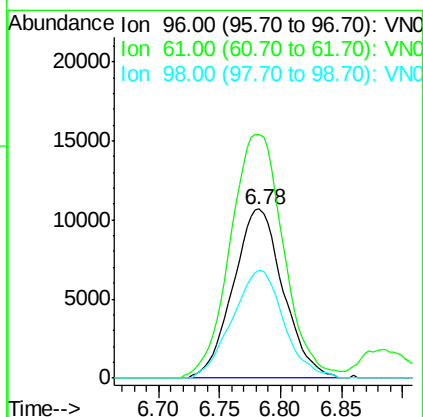
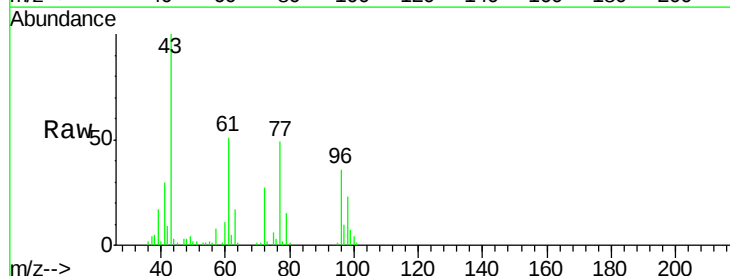
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

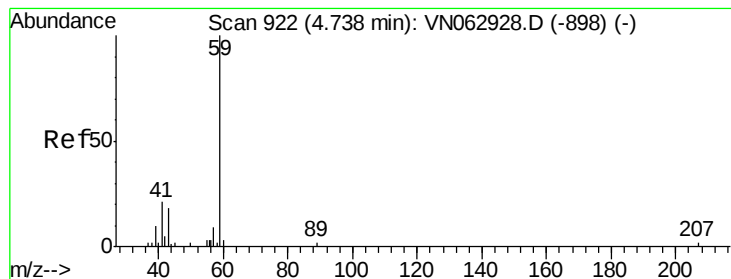
Tgt Ion: 63 Resp: 54063
 Ion Ratio Lower Upper
 63 100
 98 6.5 2.6 7.8
 100 3.6 2.1 6.5



#22
 cis-1,2-Dichloroethene
 Concen: 18.657 ug/l
 RT: 6.78 min Scan# 1558
 Delta R.T. -0.00 min
 Lab File: VN062938.D
 Acq: 14 Aug 2020 14:02

Tgt Ion: 96 Resp: 30365
 Ion Ratio Lower Upper
 96 100
 61 153.7 124.9 187.3
 98 65.4 27.8 41.6#





#23

tert-Butyl Alcohol

Concen: 80.277 ug/l

RT: 4.74 min Scan# 923

Delta R.T. 0.00 min

Lab File: VN062938.D

Acq: 14 Aug 2020 14:02

Instrument :

MSVOA_N

ClientSampleId :

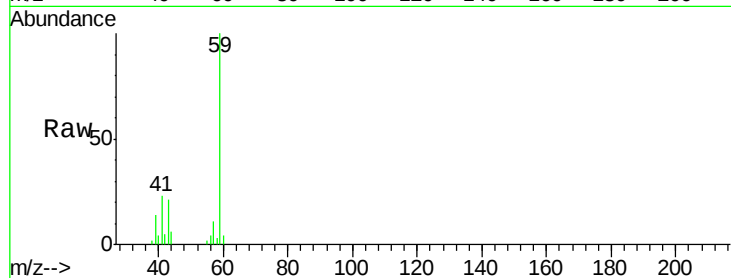
VSTDCCC020EC

Tgt Ion: 59 Resp: 27677

Ion Ratio Lower Upper

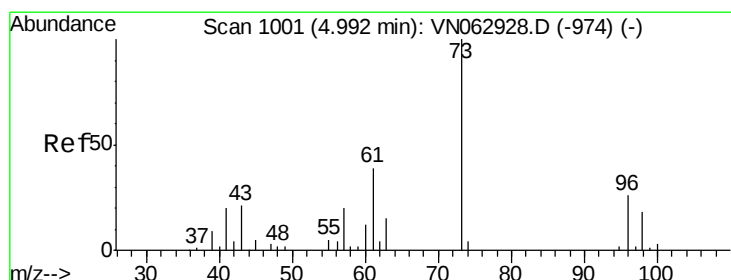
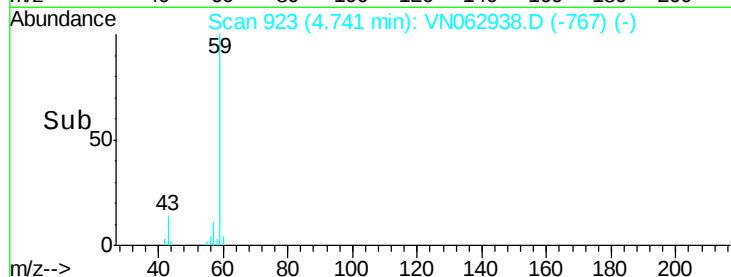
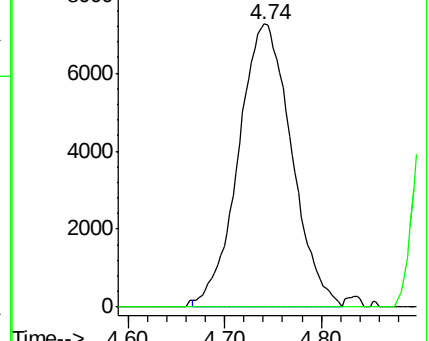
59 100

52 0.0 0.0 0.0



Abundance Ion 59.00 (58.70 to 59.70): VN062928.D (-898) (-)

Ion 52.00 (51.70 to 52.70): VN062928.D (-898) (-)



#24

Methyl tert-Butyl Ether

Concen: 18.367 ug/l

RT: 5.00 min Scan# 1002

Delta R.T. 0.00 min

Lab File: VN062938.D

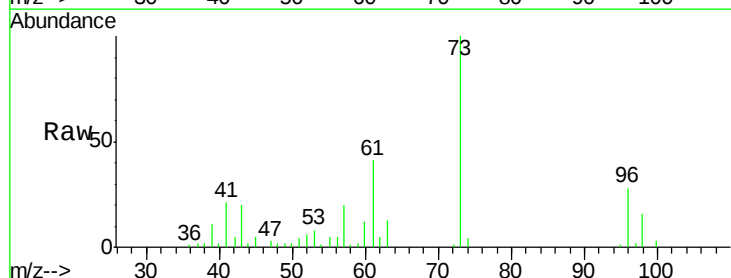
Acq: 14 Aug 2020 14:02

Tgt Ion: 73 Resp: 97282

Ion Ratio Lower Upper

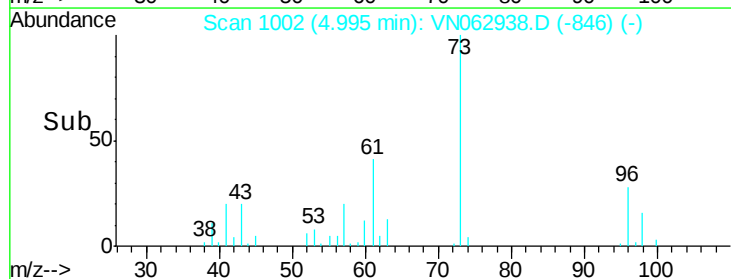
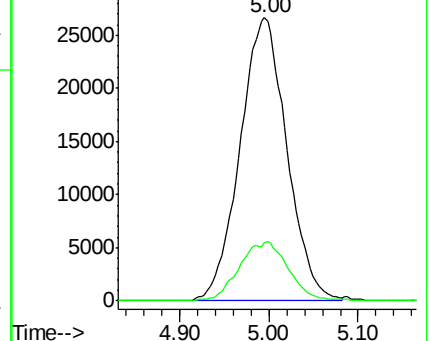
73 100

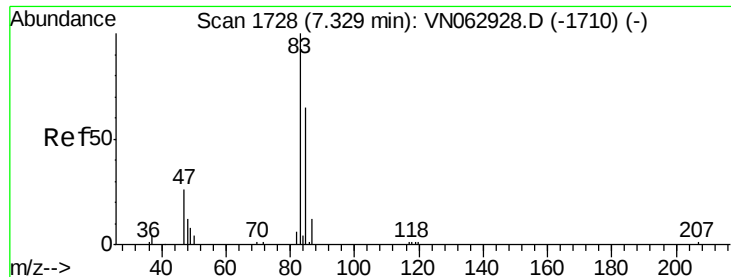
43 8.8 17.3 25.9#



Abundance Ion 73.00 (72.70 to 73.70): VN062928.D (-974) (-)

Ion 43.00 (42.70 to 43.70): VN062928.D (-974) (-)

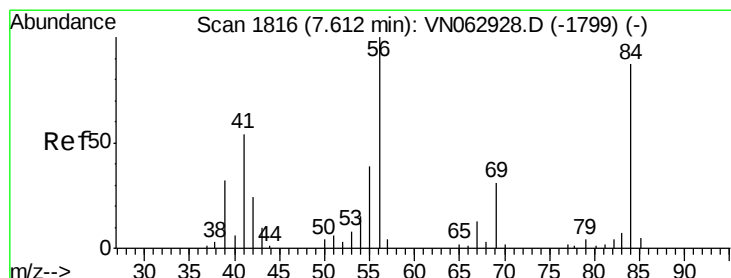
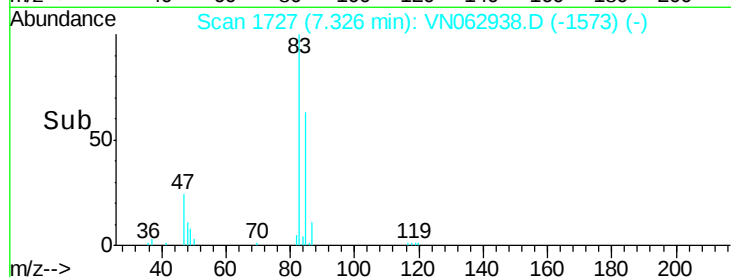
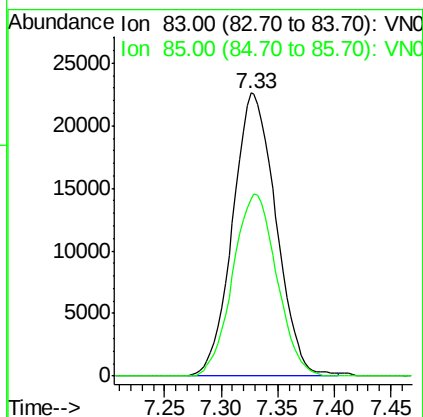
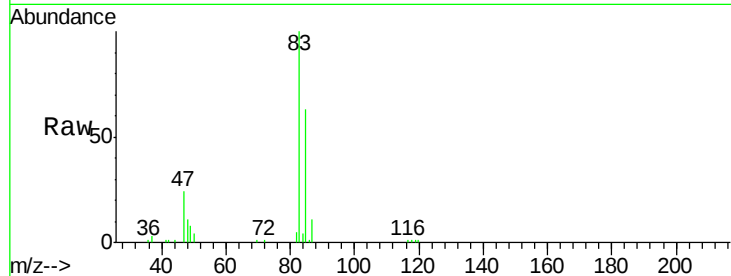




#25
Chloroform
Concen: 19.275 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN062938.D
Acq: 14 Aug 2020 14:02

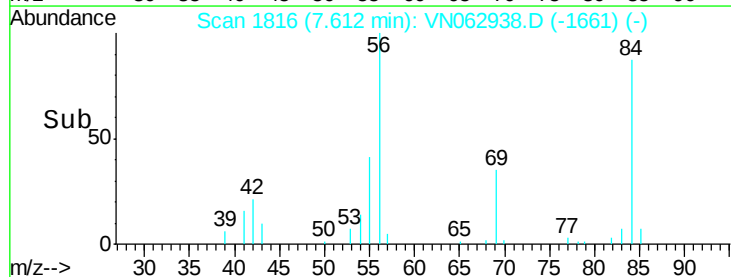
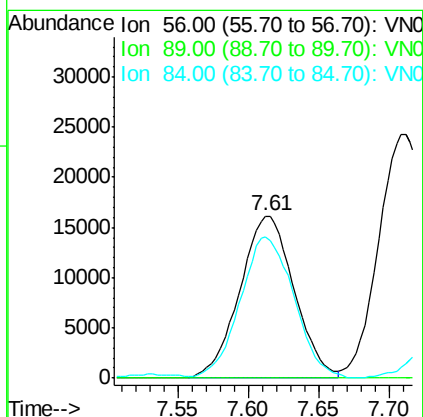
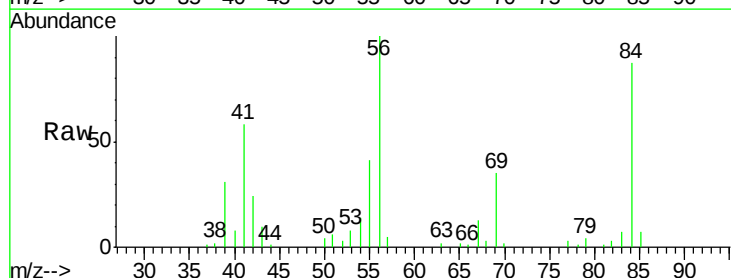
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

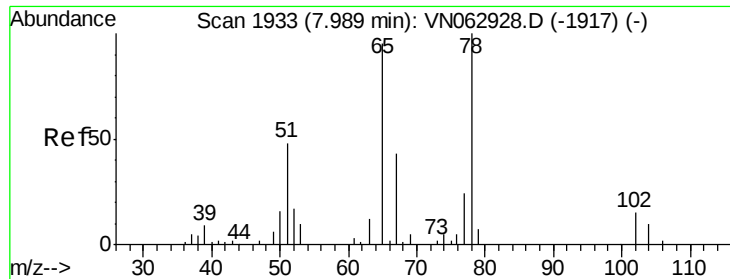
Tgt Ion: 83 Resp: 60168
Ion Ratio Lower Upper
83 100
85 62.8 52.3 78.5



#26
Cyclohexane
Concen: 17.814 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. -0.00 min
Lab File: VN062938.D
Acq: 14 Aug 2020 14:02

Tgt Ion: 56 Resp: 43389
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 86.4 71.9 107.9

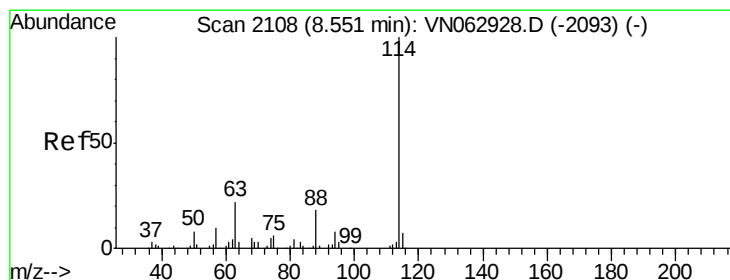
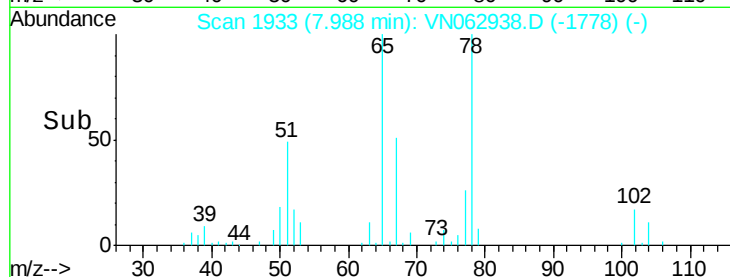
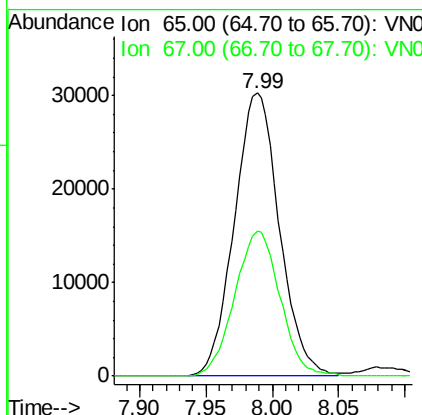
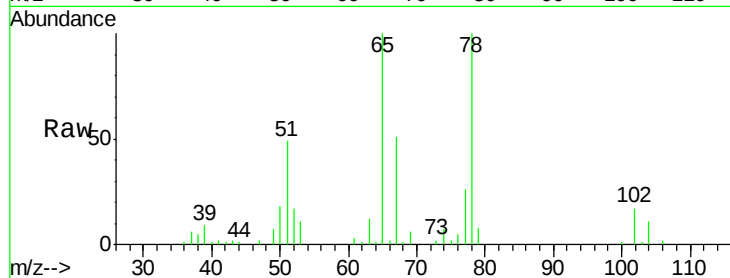




#27
 1,2-Dichloroethane-d4
 Concen: 30.290 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN062938.D
 Acq: 14 Aug 2020 14:02

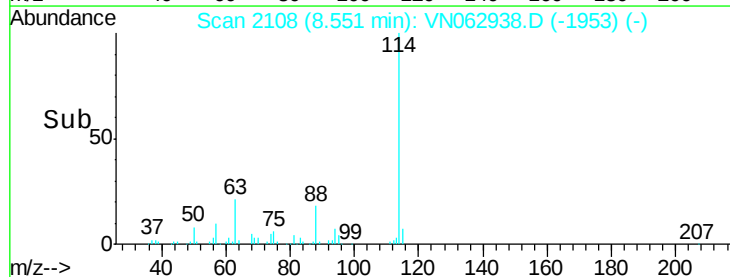
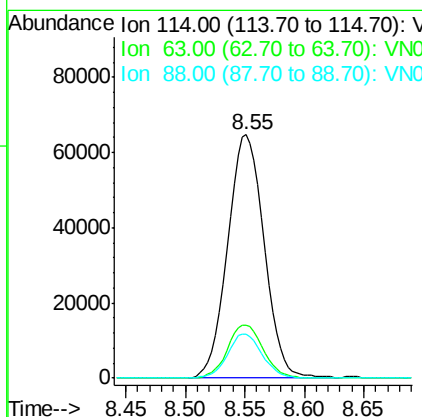
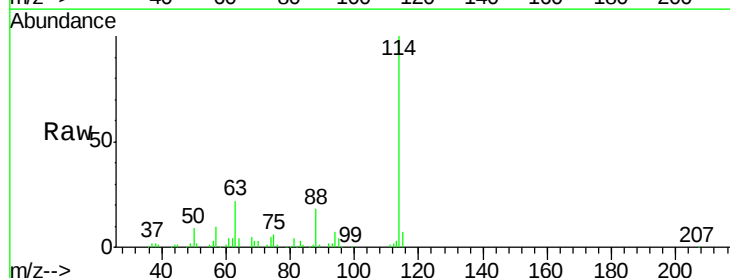
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

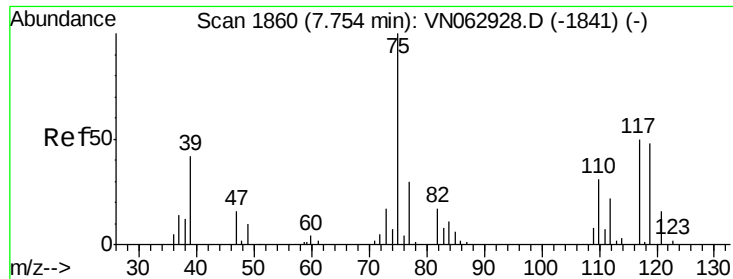
Tgt Ion: 65 Resp: 71481
 Ion Ratio Lower Upper
 65 100
 67 51.4 39.5 59.3



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062938.D
 Acq: 14 Aug 2020 14:02

Tgt Ion: 114 Resp: 137693
 Ion Ratio Lower Upper
 114 100
 63 21.5 17.7 26.5
 88 17.2 13.9 20.9

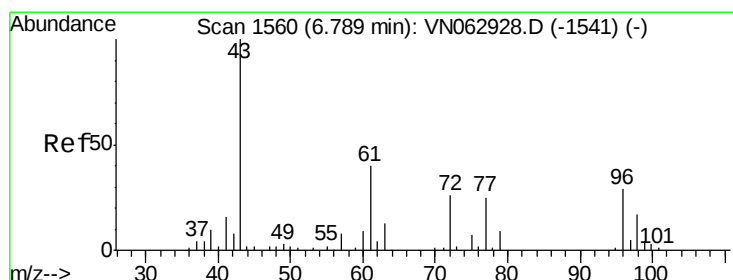
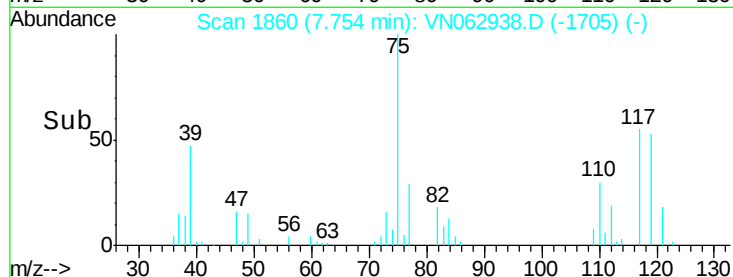
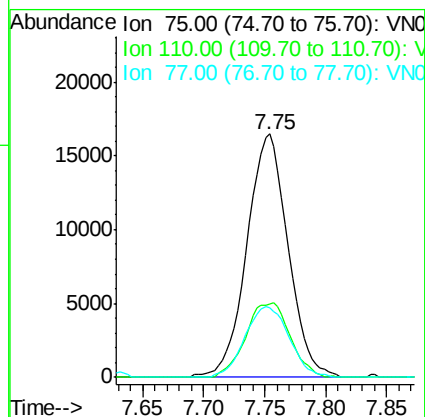
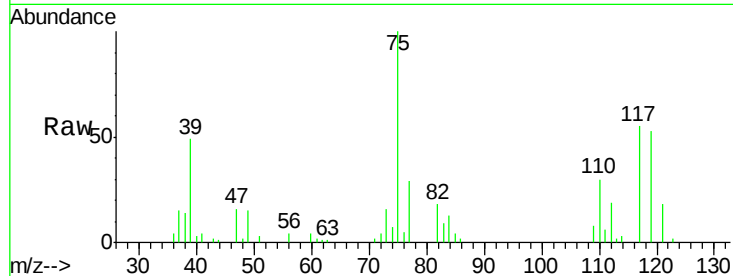




#29
 1,1-Dichloropropene
 Concen: 18.954 ug/l
 RT: 7.75 min Scan# 1860
 Delta R.T. -0.00 min
 Lab File: VN062938.D
 Acq: 14 Aug 2020 14:02

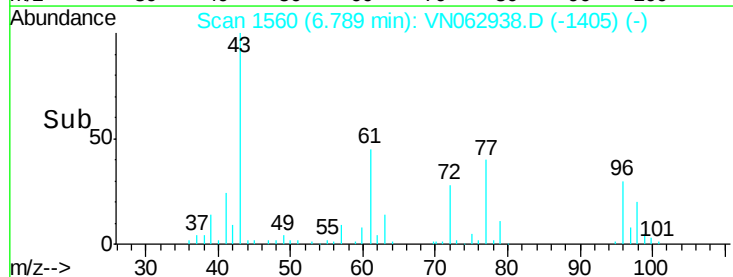
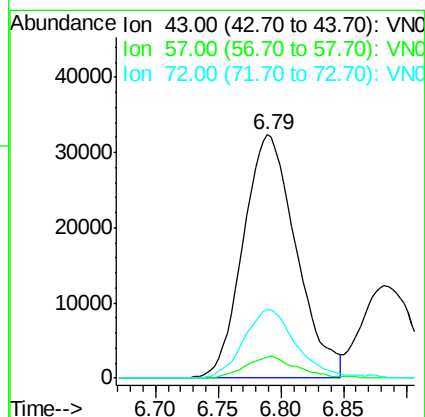
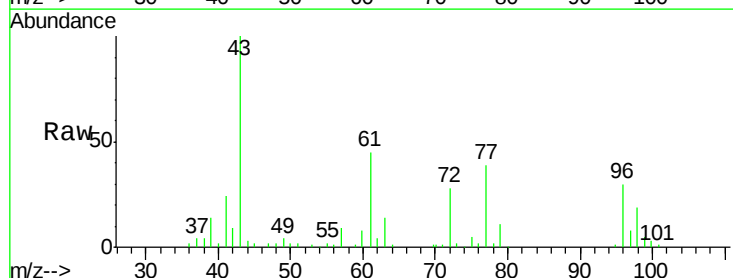
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

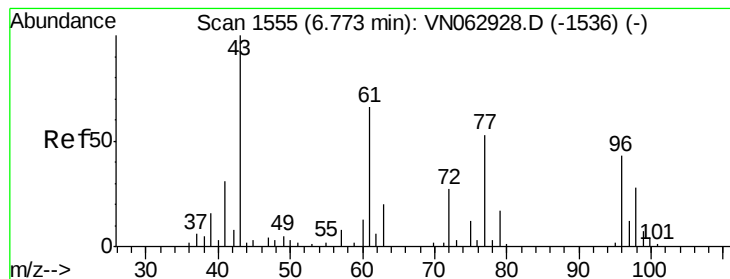
Tgt Ion: 75 Resp: 38496
 Ion Ratio Lower Upper
 75 100
 110 33.0 0.0 65.8
 77 31.2 0.0 59.8



#30
 2-Butanone
 Concen: 90.632 ug/l
 RT: 6.79 min Scan# 1560
 Delta R.T. -0.00 min
 Lab File: VN062938.D
 Acq: 14 Aug 2020 14:02

Tgt Ion: 43 Resp: 95029
 Ion Ratio Lower Upper
 43 100
 57 8.3 7.0 10.6
 72 27.8 22.0 33.0





#31

2,2-Dichloropropane

Concen: 24.511 ug/l

RT: 6.77 min Scan# 1555

Delta R.T. -0.00 min

Lab File: VN062938.D

Acq: 14 Aug 2020 14:02

Instrument :

MSVOA_N

ClientSampleId :

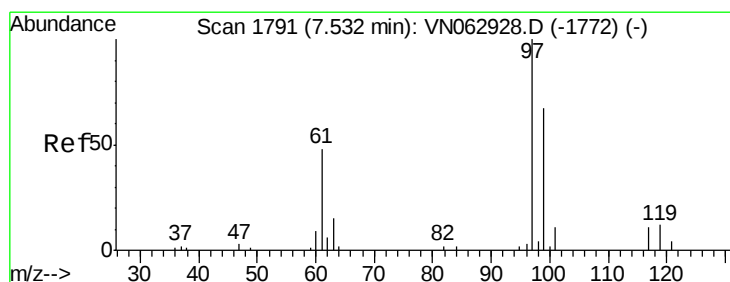
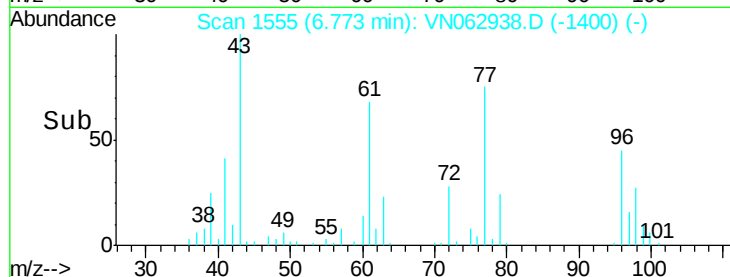
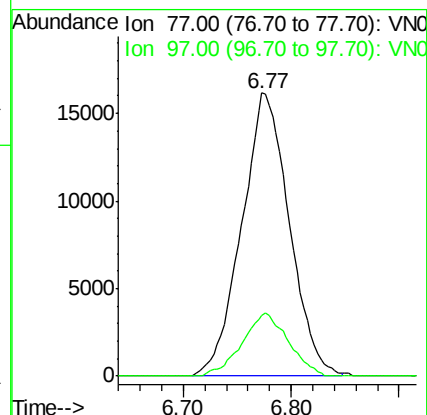
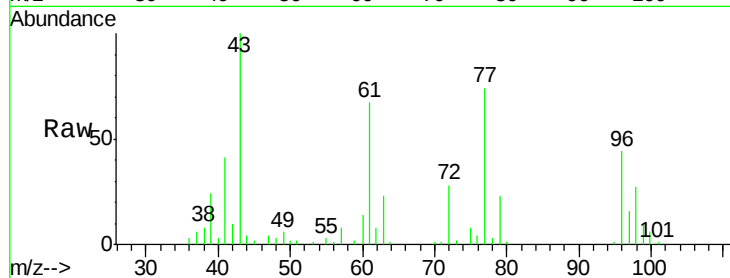
VSTDCCC020EC

Tgt Ion: 77 Resp: 49572

Ion Ratio Lower Upper

77 100

97 21.6 16.1 24.1



#32

1,1,1-Trichloroethane

Concen: 19.676 ug/l

RT: 7.53 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VN062938.D

Acq: 14 Aug 2020 14:02

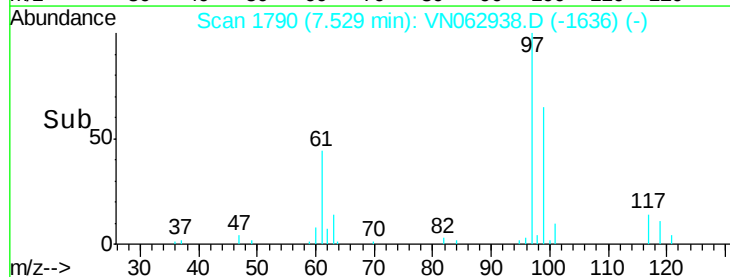
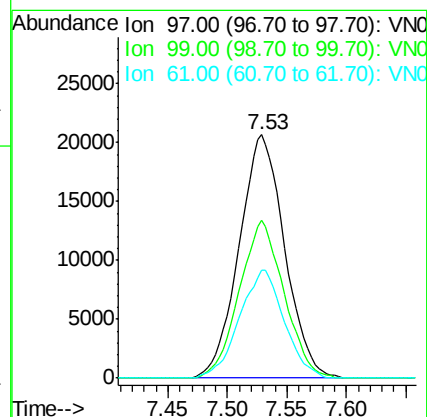
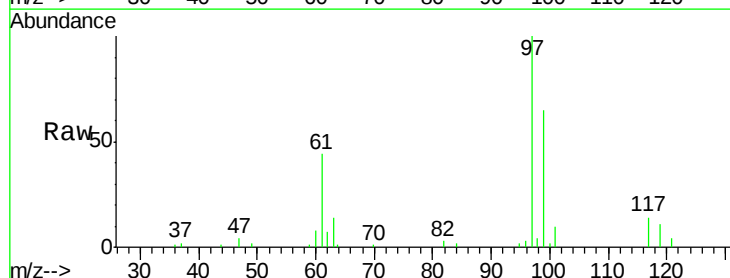
Tgt Ion: 97 Resp: 54755

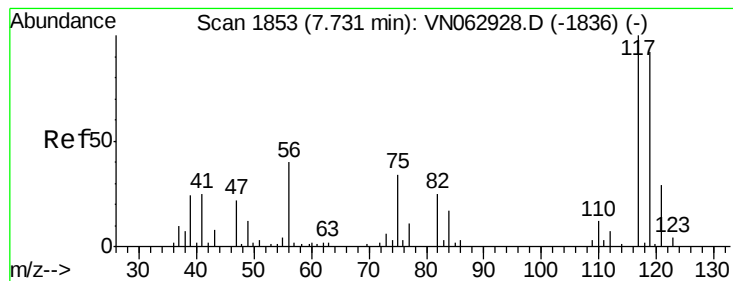
Ion Ratio Lower Upper

97 100

99 63.5 53.8 80.8

61 43.6 36.3 54.5





#33

Carbon Tetrachloride

Concen: 19.252 ug/l

RT: 7.73 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VN062938.D

Acq: 14 Aug 2020 14:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

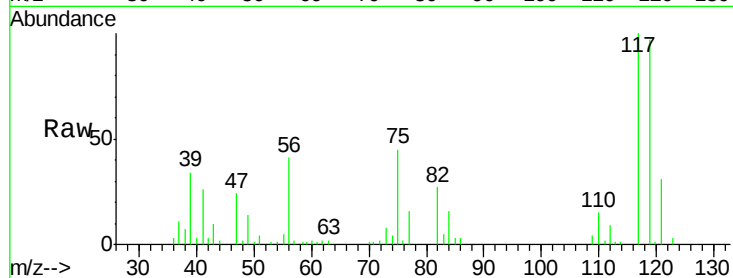
Tgt Ion: 117 Resp: 47508

Ion Ratio Lower Upper

117 100

119 97.1 73.9 110.9

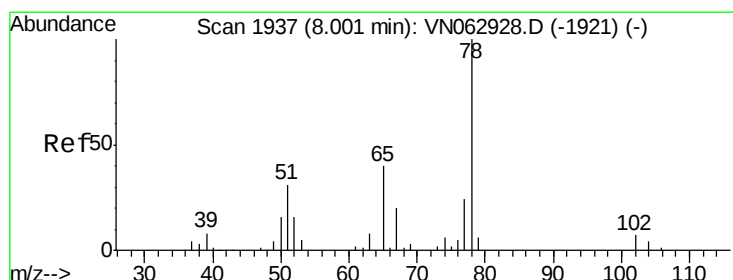
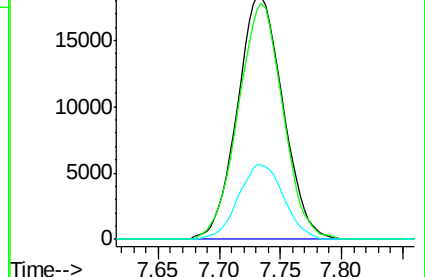
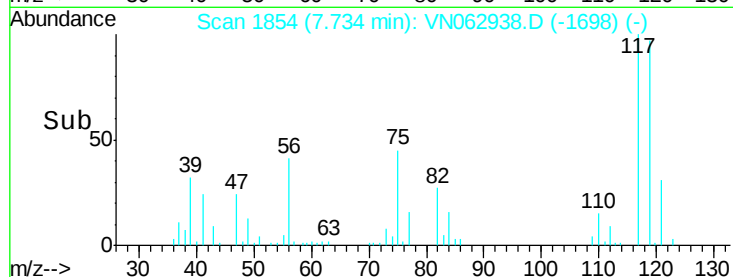
121 30.5 23.2 34.8



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 18.409 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN062938.D

Acq: 14 Aug 2020 14:02

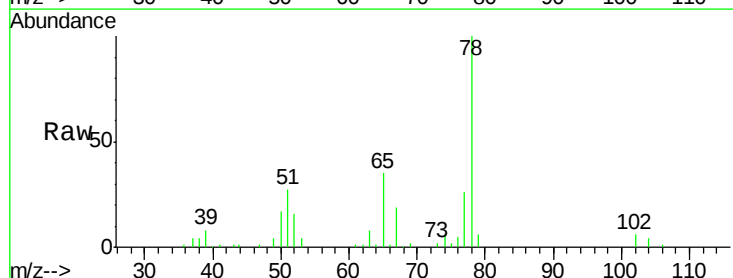
Tgt Ion: 78 Resp: 112401

Ion Ratio Lower Upper

78 100

77 25.9 19.3 28.9

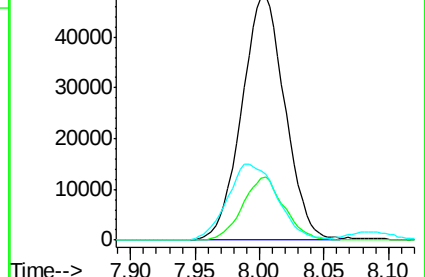
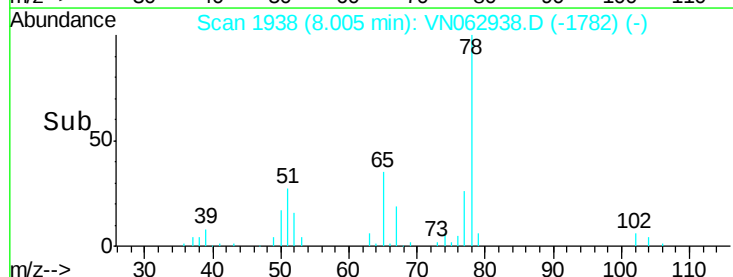
51 26.7 24.9 37.3

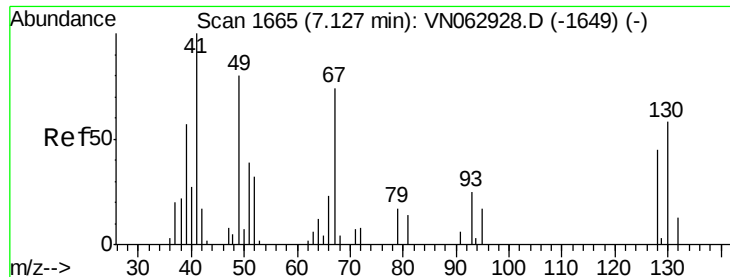


Abundance Ion 78.10 (77.80 to 78.80): V

Ion 77.00 (76.70 to 77.70): V

Ion 51.00 (50.70 to 51.70): V

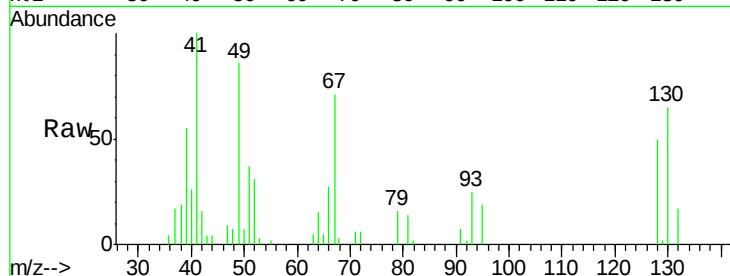




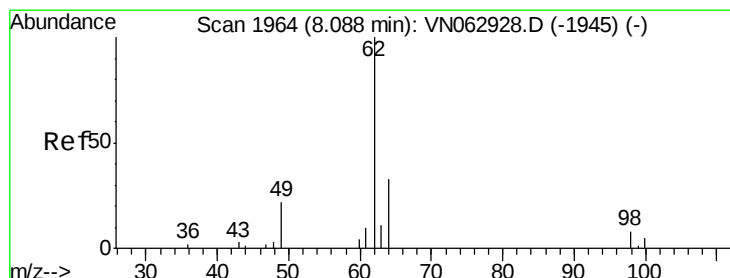
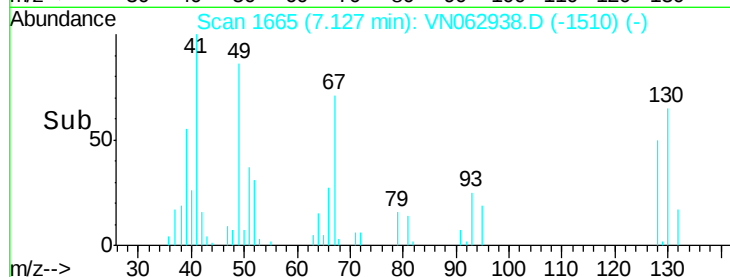
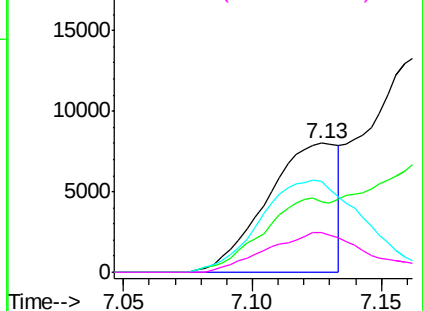
#35
Methacrylonitrile
Concen: 16.543 ug/l
RT: 7.13 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VN062938.D
Acq: 14 Aug 2020 14:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:	41	Resp:	15388
Ion	Ratio	Lower	Upper
41	100		
39	54.8	28.7	86.3
67	70.6	36.8	110.3
52	31.0	16.1	48.2

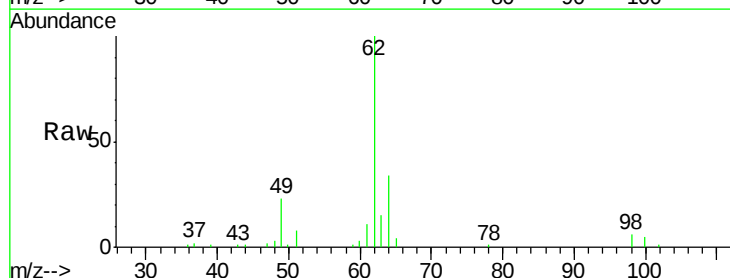


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

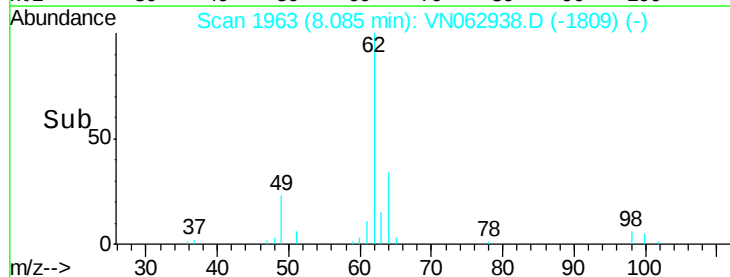
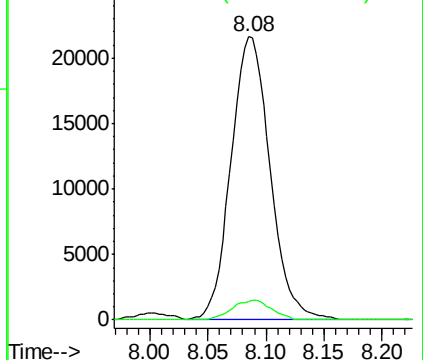


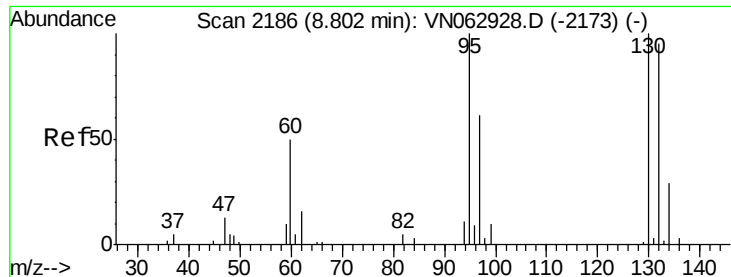
#36
1,2-Dichloroethane
Concen: 19.142 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062938.D
Acq: 14 Aug 2020 14:02

Tgt Ion:	62	Resp:	50765
Ion	Ratio	Lower	Upper
62	100		
98	7.0	6.1	9.1



Abundance Ion 62.00 (61.70 to 62.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

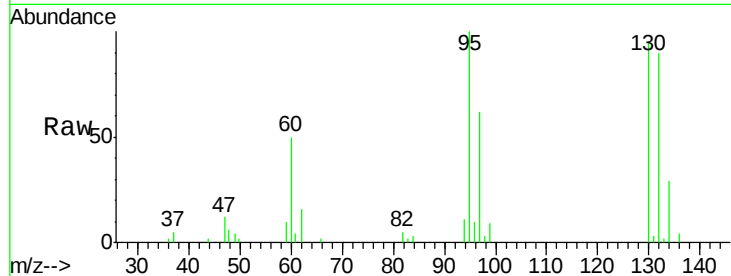




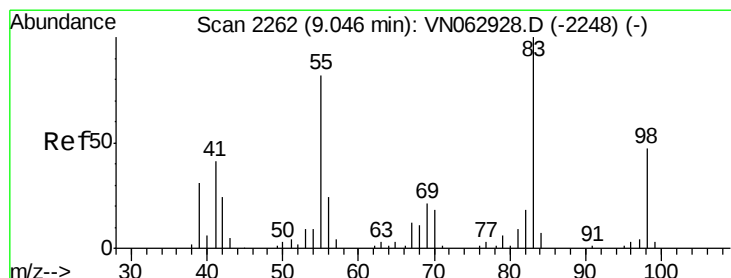
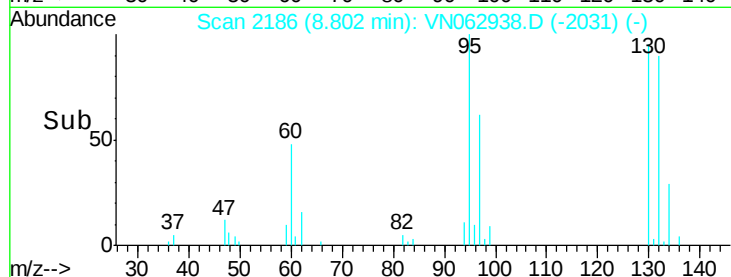
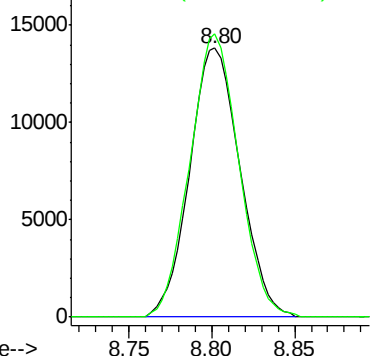
#37
 Trichloroethene
 Concen: 19.347 ug/l
 RT: 8.80 min Scan# 2186
 Delta R.T. -0.00 min
 Lab File: VN062938.D
 Acq: 14 Aug 2020 14:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tgt Ion:130 Resp: 29301
 Ion Ratio Lower Upper
 130 100
 95 105.2 80.1 120.1

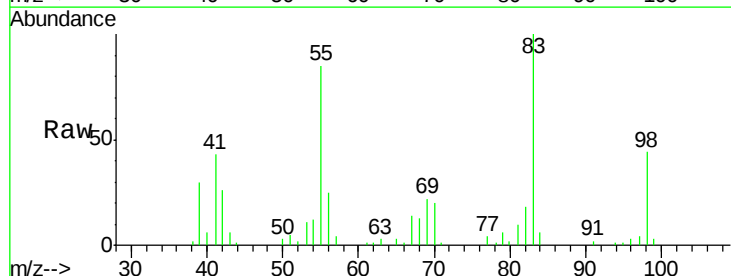


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VN

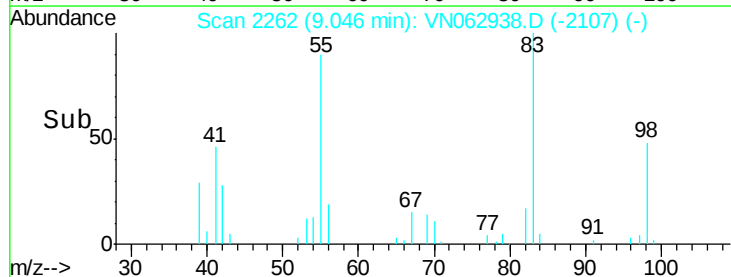
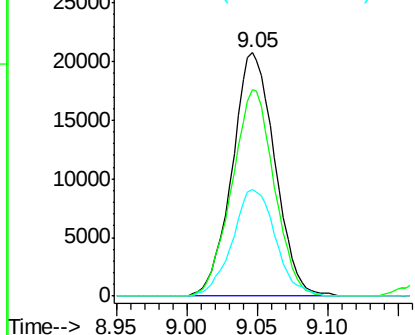


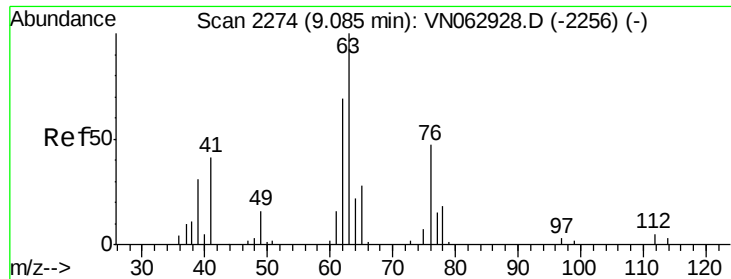
#38
 Methylcyclohexane
 Concen: 18.066 ug/l
 RT: 9.05 min Scan# 2262
 Delta R.T. -0.00 min
 Lab File: VN062938.D
 Acq: 14 Aug 2020 14:02

Tgt Ion: 83 Resp: 43889
 Ion Ratio Lower Upper
 83 100
 55 83.9 40.8 122.5
 98 44.4 22.3 66.8



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

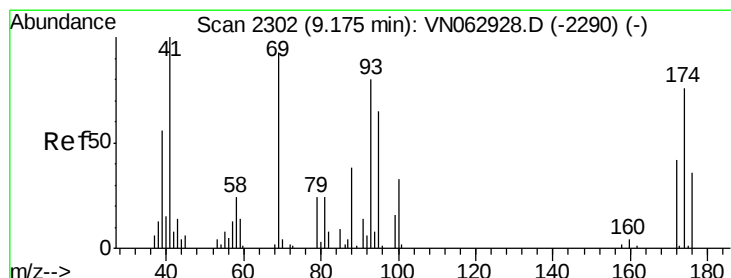
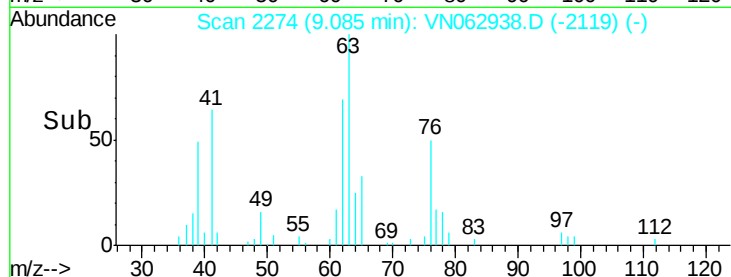
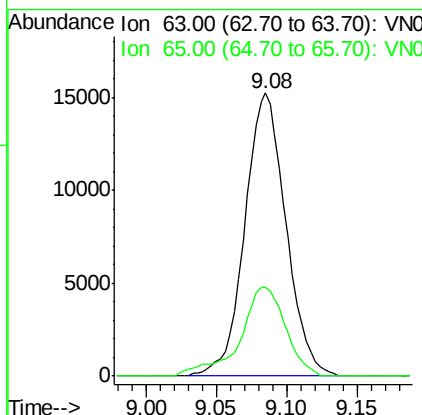
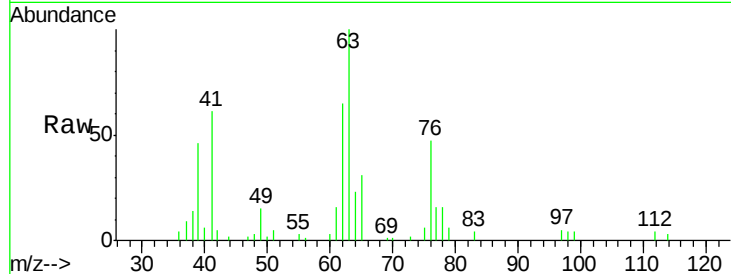




#39
 1,2-Dichloropropane
 Concen: 18.632 ug/l
 RT: 9.08 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN062938.D
 Acq: 14 Aug 2020 14:02

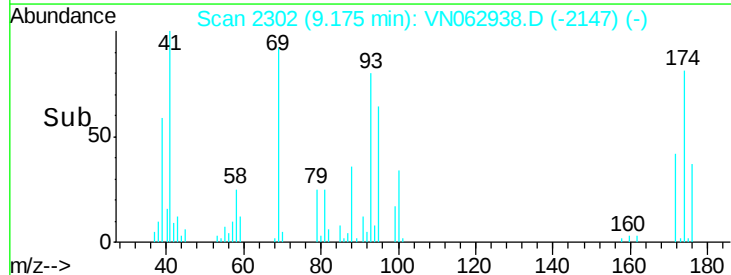
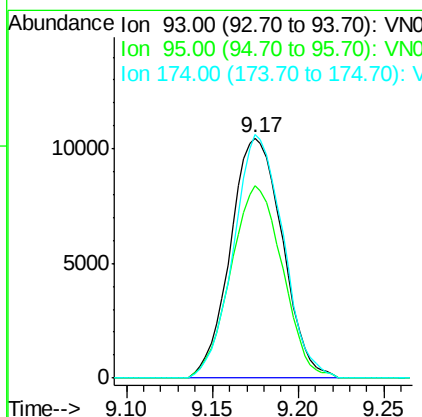
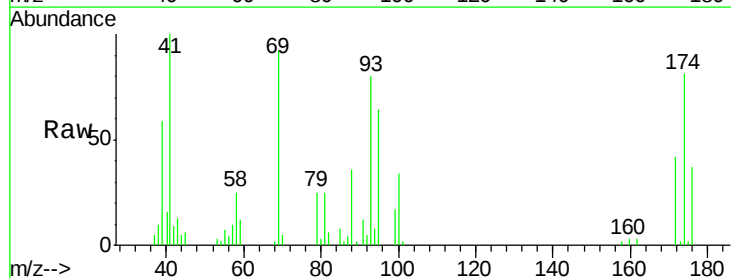
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

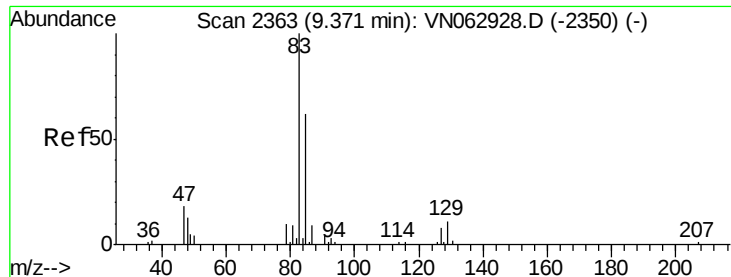
Tgt Ion: 63 Resp: 31053
 Ion Ratio Lower Upper
 63 100
 65 31.2 23.8 35.6



#40
 Dibromomethane
 Concen: 19.506 ug/l
 RT: 9.17 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN062938.D
 Acq: 14 Aug 2020 14:02

Tgt Ion: 93 Resp: 22020
 Ion Ratio Lower Upper
 93 100
 95 79.5 0.0 161.8
 174 96.6 0.0 190.0

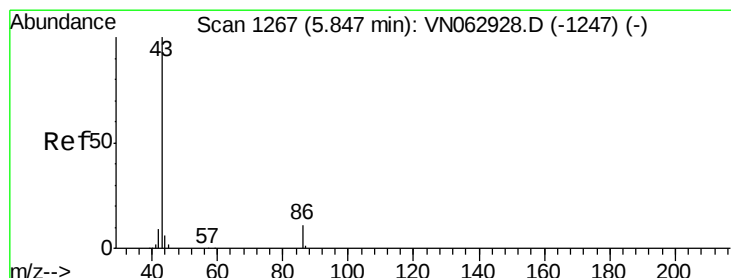
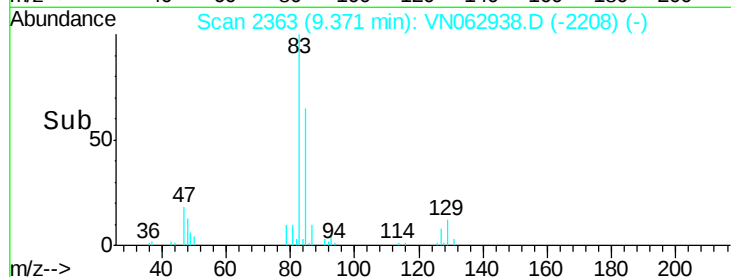
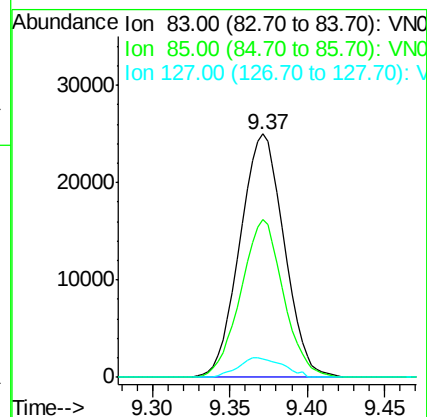
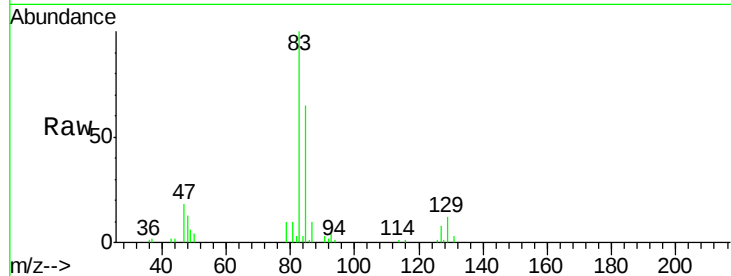




#41
 Bromodichloromethane
 Concen: 19.605 ug/l
 RT: 9.37 min Scan# 2363
 Delta R.T. -0.00 min
 Lab File: VN062938.D
 Acq: 14 Aug 2020 14:02

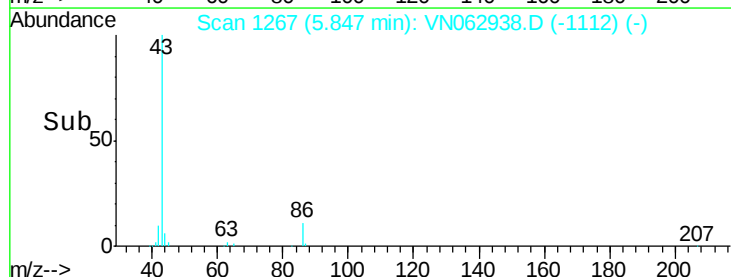
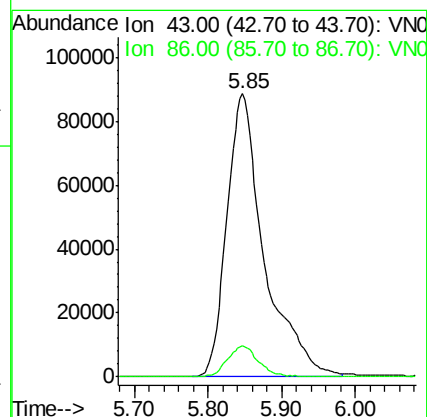
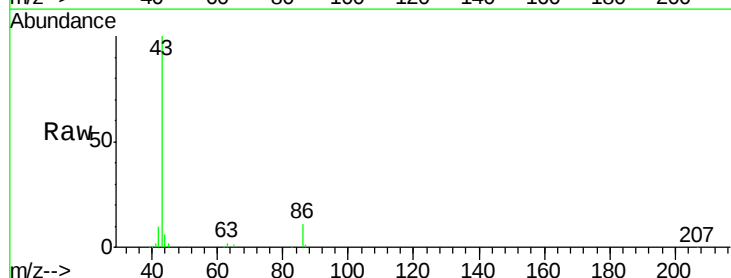
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

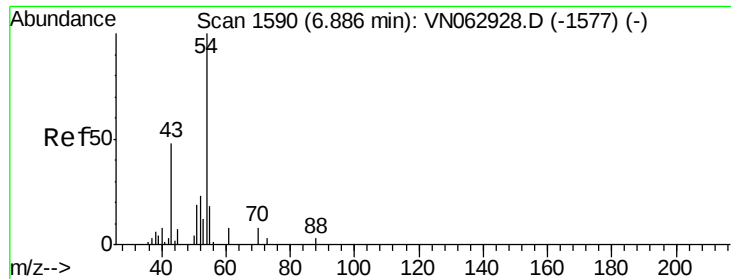
Tgt Ion: 83 Resp: 49674
 Ion Ratio Lower Upper
 83 100
 85 65.0 49.9 74.9
 127 7.8 7.1 10.7



#42
 Vinyl Acetate
 Concen: 88.099 ug/l
 RT: 5.85 min Scan# 1267
 Delta R.T. -0.00 min
 Lab File: VN062938.D
 Acq: 14 Aug 2020 14:02

Tgt Ion: 43 Resp: 312231
 Ion Ratio Lower Upper
 43 100
 86 9.0 7.1 10.7





#43

Ethyl Acetate

Concen: 17.855 ug/l

RT: 6.88 min Scan# 1589

Delta R.T. -0.00 min

Lab File: VN062938.D

Acq: 14 Aug 2020 14:02

Instrument :

MSVOA_N

ClientSampleId :

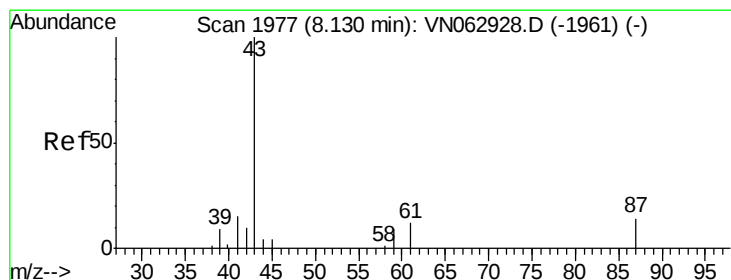
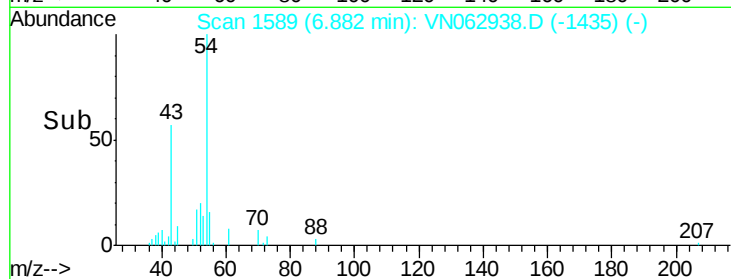
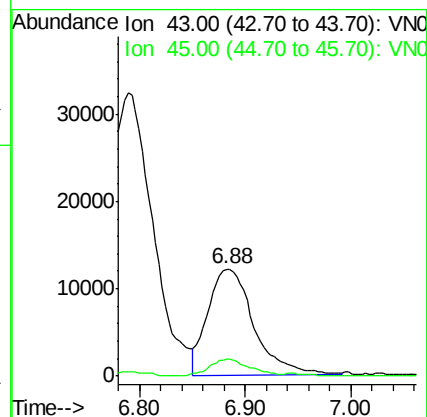
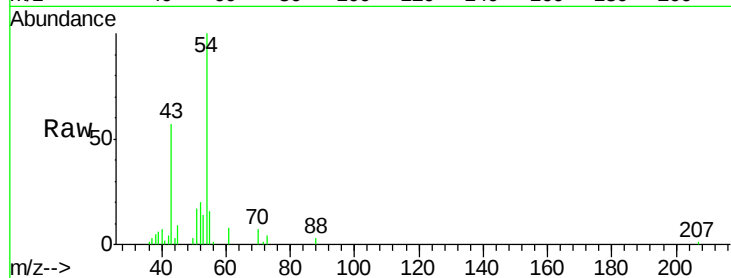
VSTDCCC020EC

Tgt Ion: 43 Resp: 36774

Ion Ratio Lower Upper

43 100

45 14.2 6.6 9.8#



#44

Isopropyl Acetate

Concen: 17.778 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.01 min

Lab File: VN062938.D

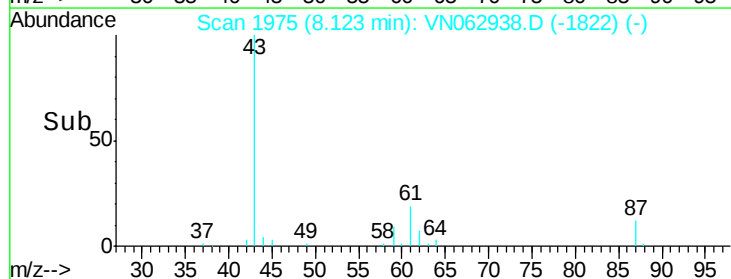
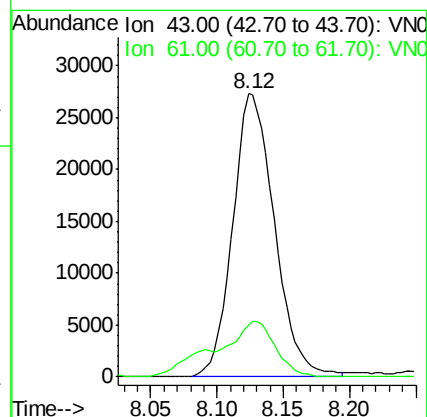
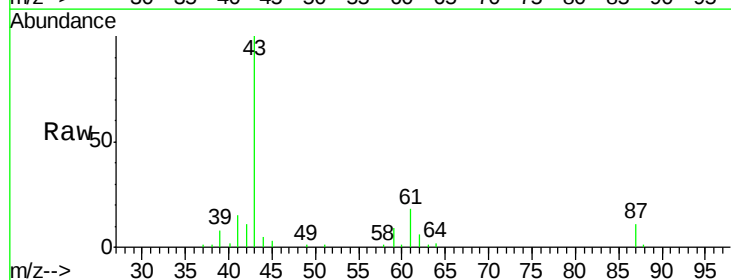
Acq: 14 Aug 2020 14:02

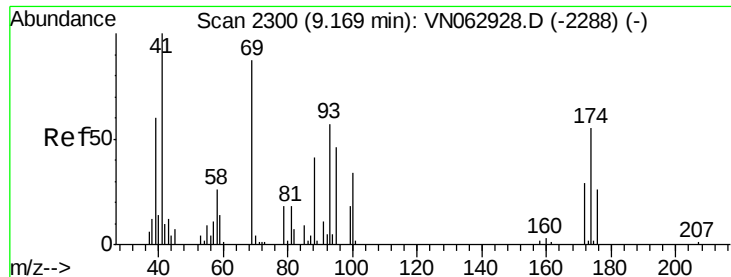
Tgt Ion: 43 Resp: 59793

Ion Ratio Lower Upper

43 100

61 19.8 17.2 25.8

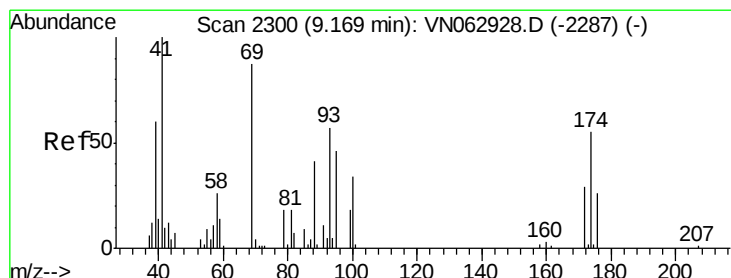
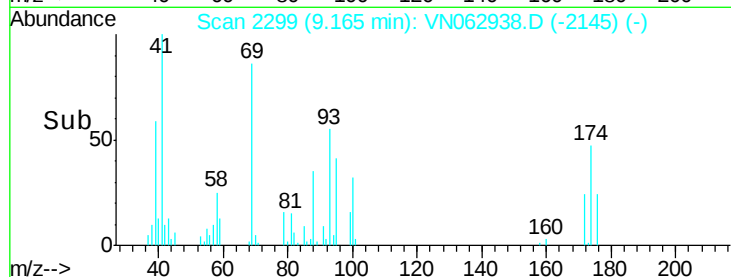
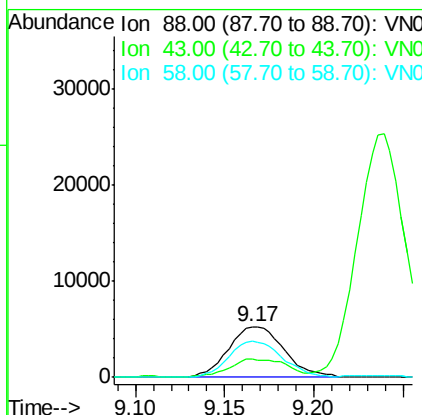
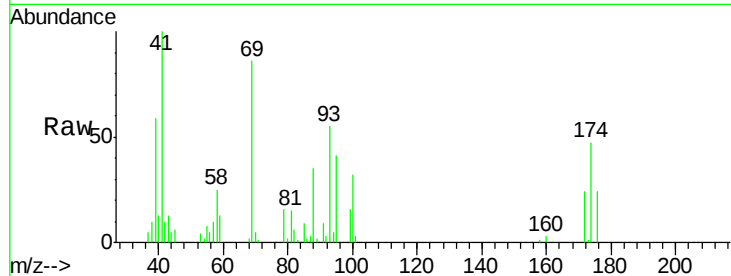




#45
 1,4-Dioxane
 Concen: 347.169 ug/l
 RT: 9.17 min Scan# 2299
 Delta R.T. -0.00 min
 Lab File: VN062938.D
 Acq: 14 Aug 2020 14:02

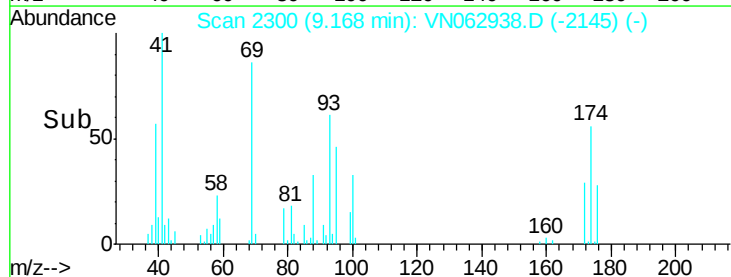
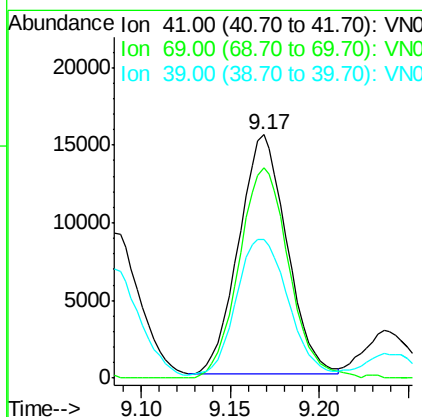
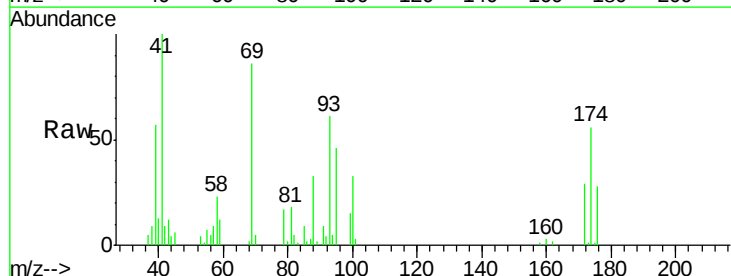
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

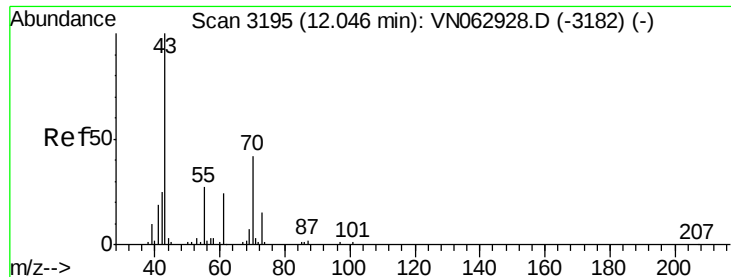
Tgt Ion: 88 Resp: 11435
 Ion Ratio Lower Upper
 88 100
 43 38.3 26.0 39.0
 58 68.8 54.2 81.2



#46
 Methyl methacrylate
 Concen: 17.283 ug/l
 RT: 9.17 min Scan# 2300
 Delta R.T. -0.00 min
 Lab File: VN062938.D
 Acq: 14 Aug 2020 14:02

Tgt Ion: 41 Resp: 29068
 Ion Ratio Lower Upper
 41 100
 69 87.9 43.6 130.9
 39 56.9 29.9 89.8

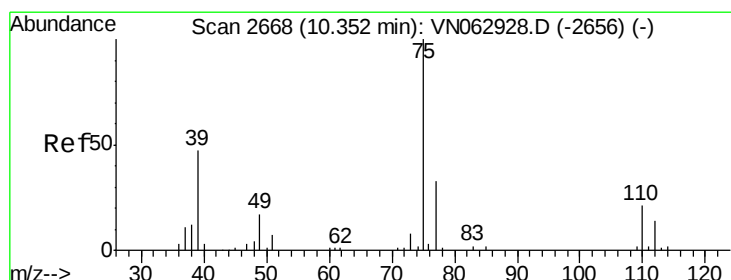
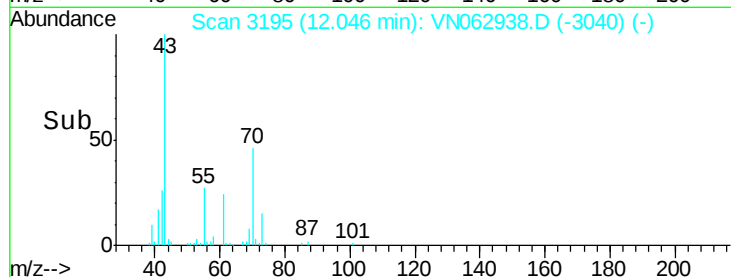
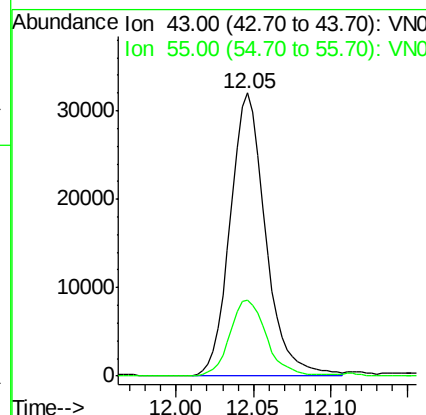
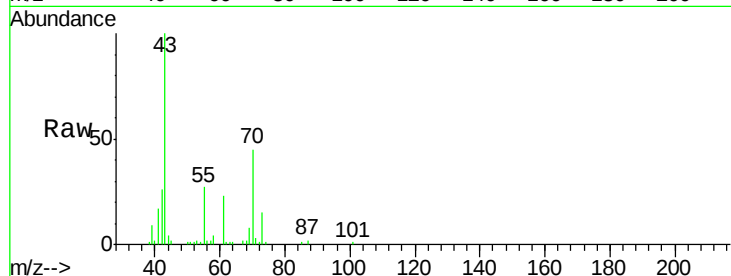




#47
n-amy1 Acetate
Concen: 16.959 ug/l
RT: 12.05 min Scan# 3195
Delta R.T. -0.00 min
Lab File: VN062938.D
Acq: 14 Aug 2020 14:02

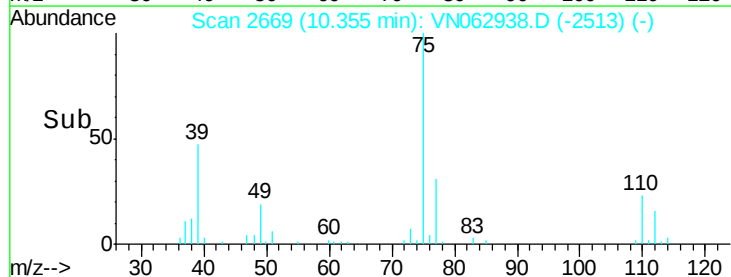
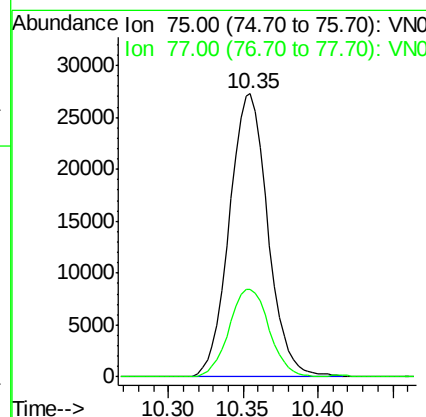
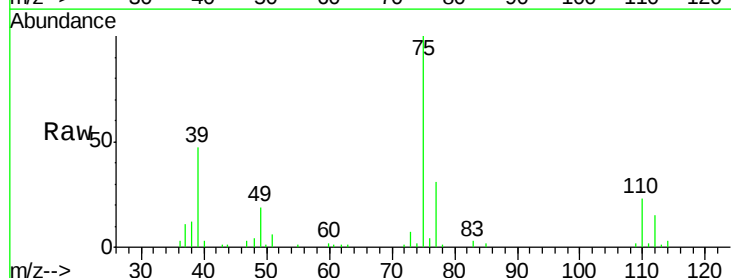
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

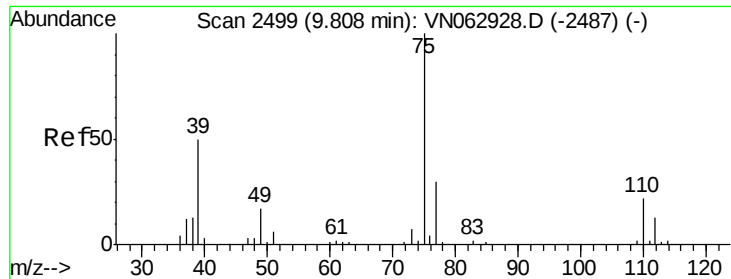
Tgt Ion: 43 Resp: 50885
Ion Ratio Lower Upper
43 100
55 27.7 20.8 31.2



#48
t-1,3-Dichloropropene
Concen: 18.498 ug/l
RT: 10.35 min Scan# 2669
Delta R.T. 0.00 min
Lab File: VN062938.D
Acq: 14 Aug 2020 14:02

Tgt Ion: 75 Resp: 48962
Ion Ratio Lower Upper
75 100
77 30.8 26.2 39.2



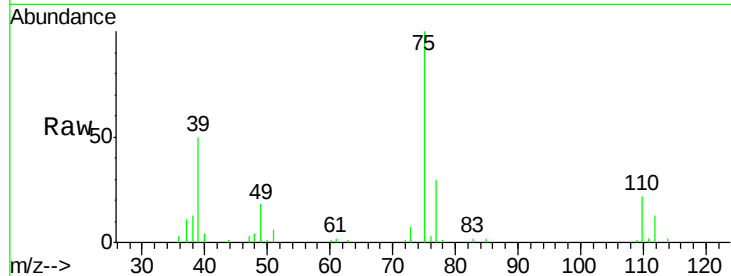


#49

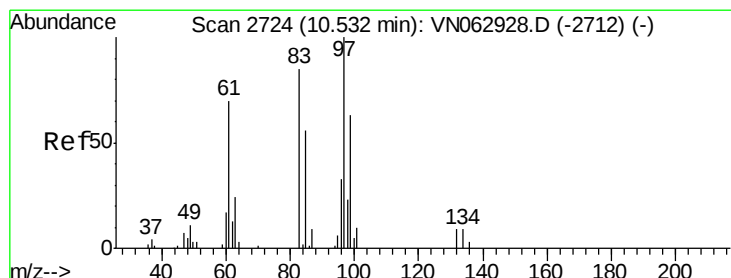
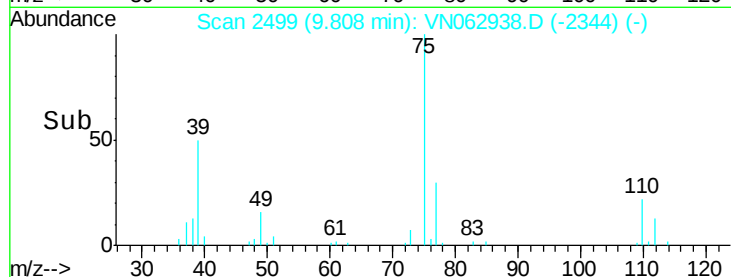
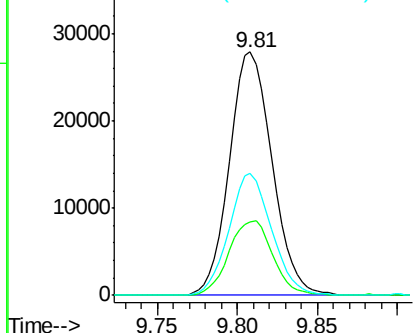
cis-1,3-Dichloropropene
Concen: 19.101 ug/l
RT: 9.81 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VN062938.D
Acq: 14 Aug 2020 14:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.4	24.4	36.6
39	50.2	40.2	60.4



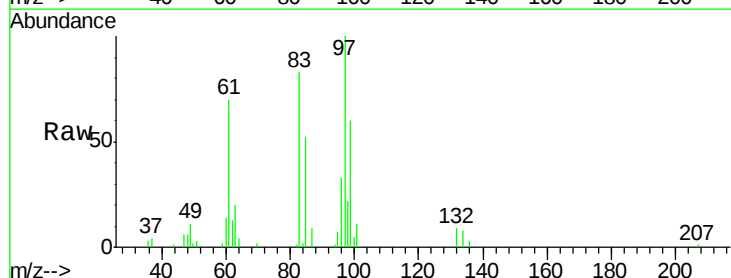
Abundance Ion 75.00 (74.70 to 75.70): VN0
Ion 77.00 (76.70 to 77.70): VN0
Ion 39.00 (38.70 to 39.70): VN0



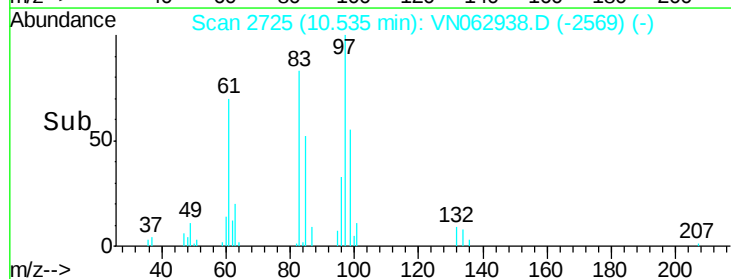
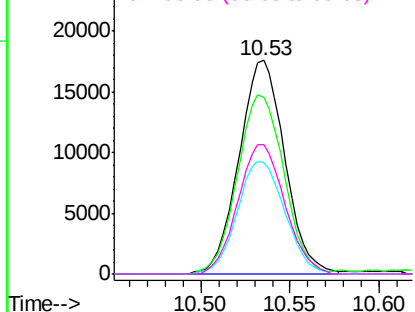
#50

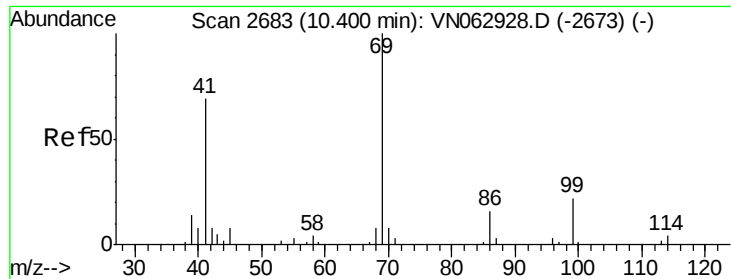
1,1,2-Trichloroethane
Concen: 19.384 ug/l
RT: 10.53 min Scan# 2725
Delta R.T. 0.00 min
Lab File: VN062938.D
Acq: 14 Aug 2020 14:02

Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.8	67.8	101.6
85	52.2	44.5	66.7
99	60.4	50.1	75.1



Abundance Ion 97.00 (96.70 to 97.70): VN0
Ion 82.95 (82.65 to 83.65): VN0
Ion 84.95 (84.65 to 85.65): VN0
Ion 98.95 (98.65 to 99.65): VN0





#51

Ethyl methacrylate

Concen: 17.608 ug/l

RT: 10.40 min Scan# 2684

Delta R.T. 0.00 min

Lab File: VN062938.D

Acq: 14 Aug 2020 14:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

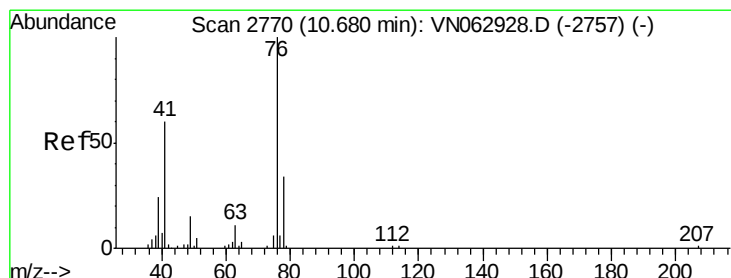
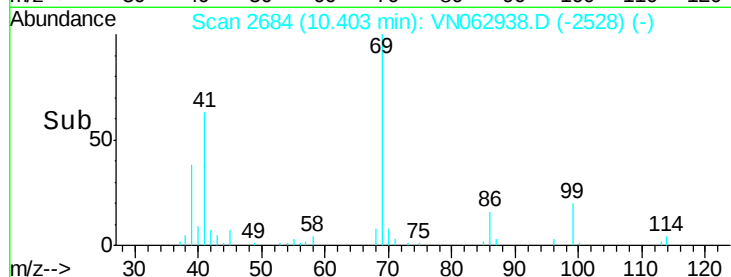
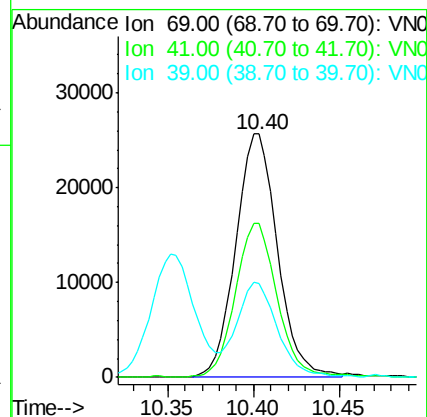
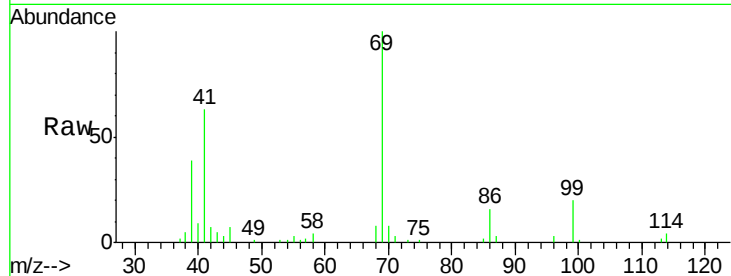
Tgt Ion: 69 Resp: 43490

Ion Ratio Lower Upper

69 100

41 62.4 34.8 104.3

39 37.9 18.6 55.8



#52

1,3-Dichloropropane

Concen: 19.034 ug/l

RT: 10.68 min Scan# 2770

Delta R.T. -0.00 min

Lab File: VN062938.D

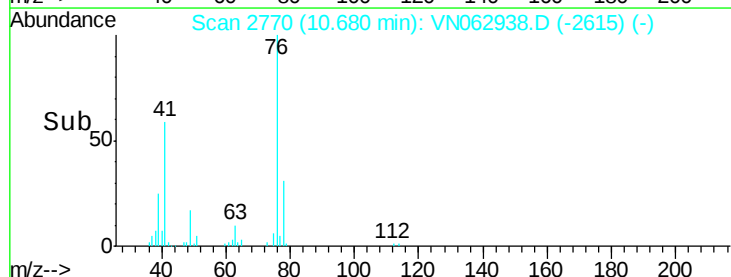
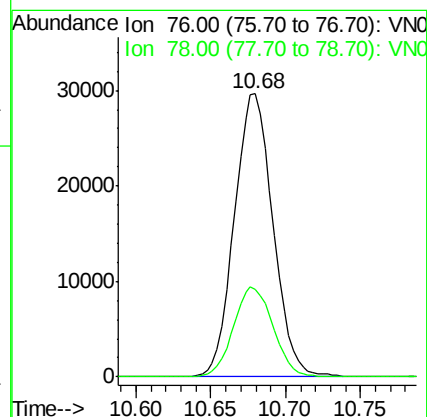
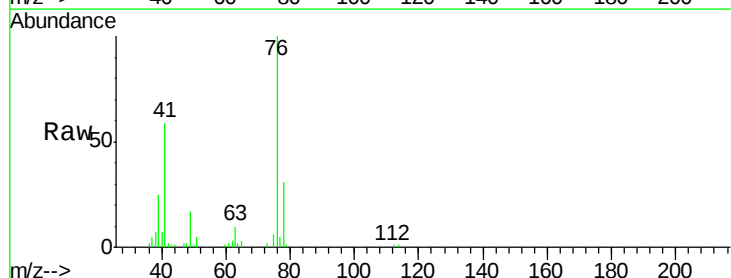
Acq: 14 Aug 2020 14:02

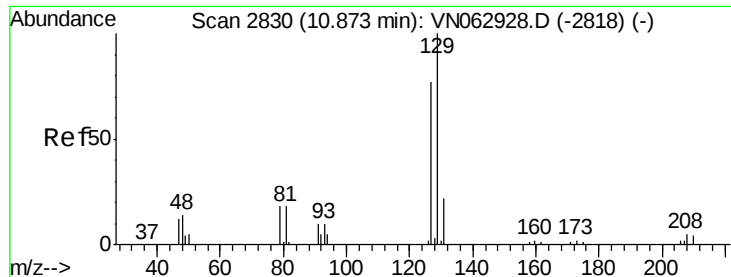
Tgt Ion: 76 Resp: 53359

Ion Ratio Lower Upper

76 100

78 32.3 0.0 66.2

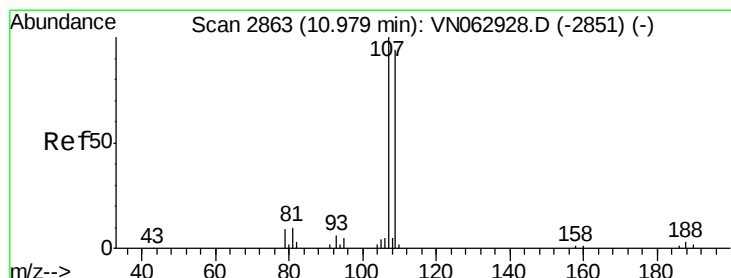
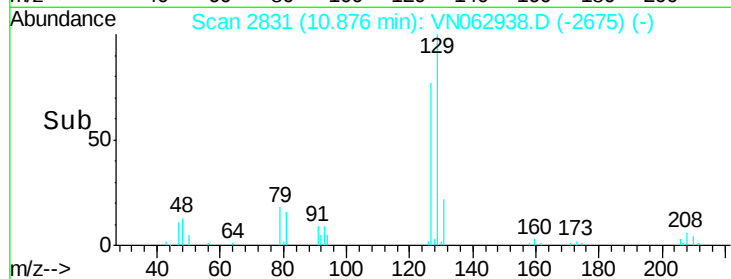
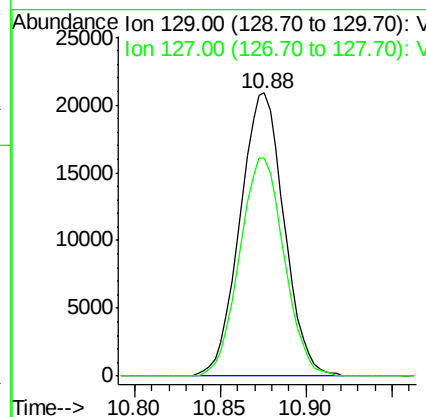
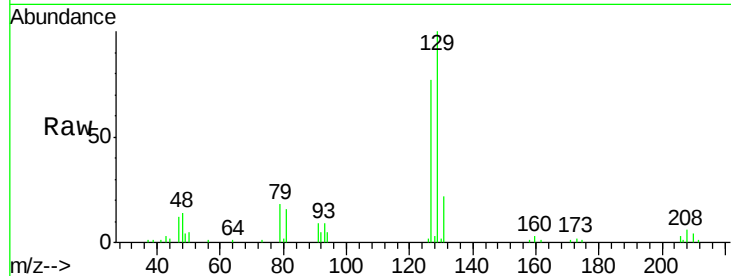




#53
 Dibromochloromethane
 Concen: 19.258 ug/l
 RT: 10.88 min Scan# 2831
 Delta R.T. 0.00 min
 Lab File: VN062938.D
 Acq: 14 Aug 2020 14:02

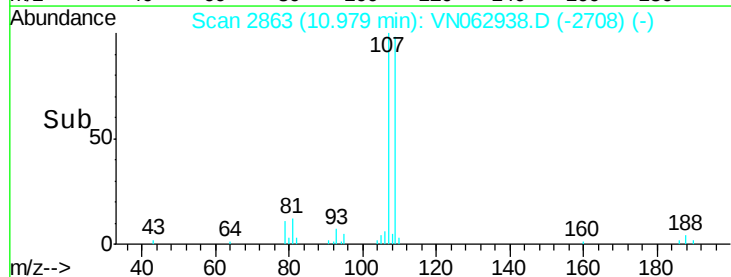
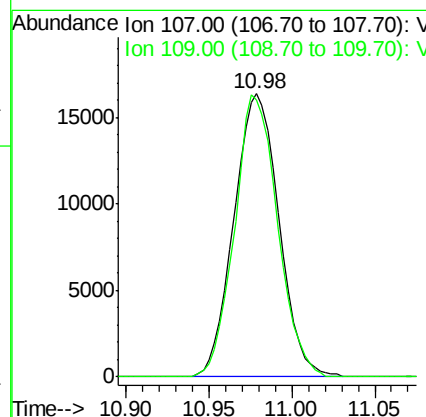
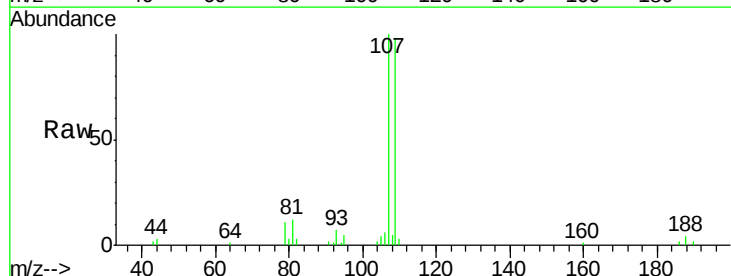
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

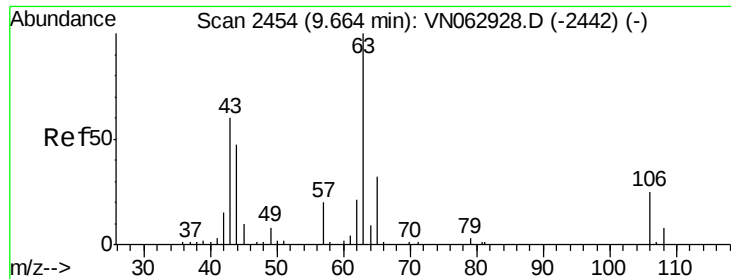
Tgt Ion:129 Resp: 37351
 Ion Ratio Lower Upper
 129 100
 127 77.6 38.1 114.5



#54
 1,2-Dibromoethane
 Concen: 18.608 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. -0.00 min
 Lab File: VN062938.D
 Acq: 14 Aug 2020 14:02

Tgt Ion:107 Resp: 30896
 Ion Ratio Lower Upper
 107 100
 109 95.0 76.9 115.3

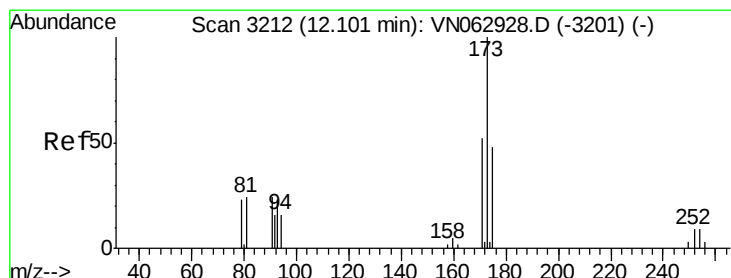
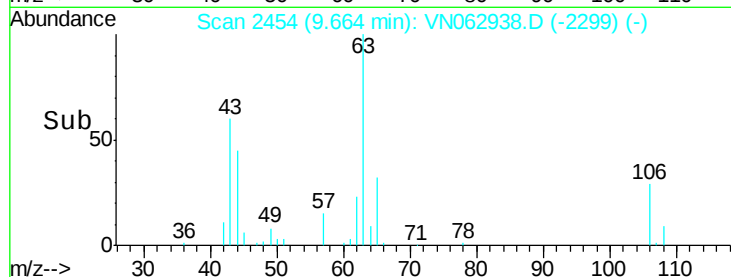
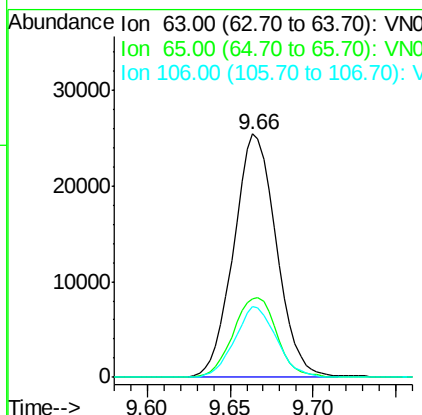
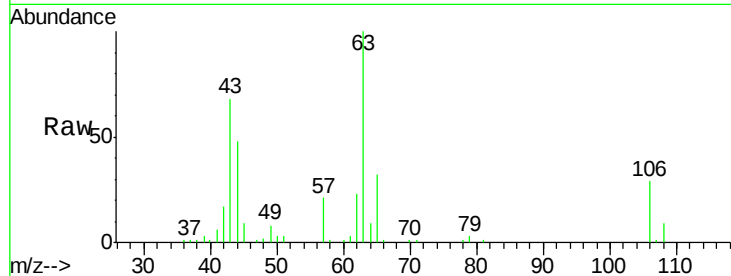




#55
 2-Chloroethyl vinyl ether
 Concen: 76.292 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. -0.00 min
 Lab File: VN062938.D
 Acq: 14 Aug 2020 14:02

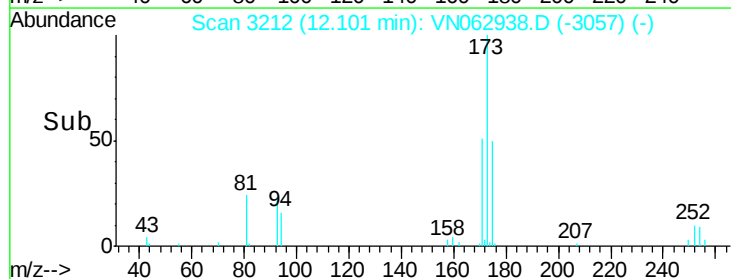
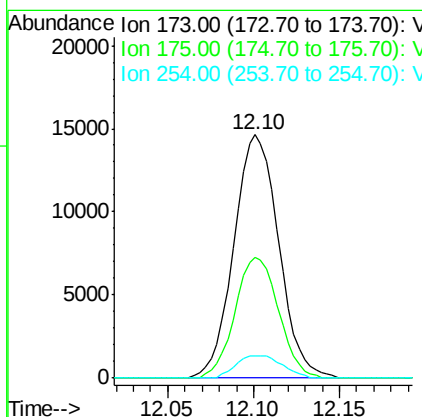
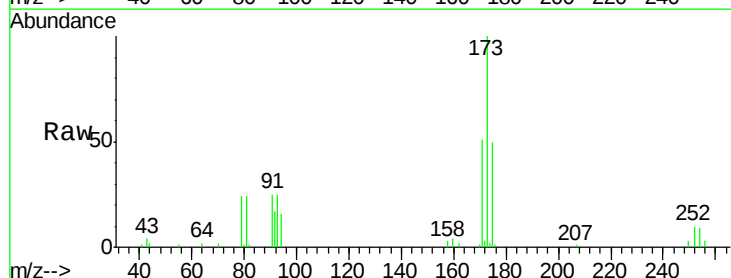
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

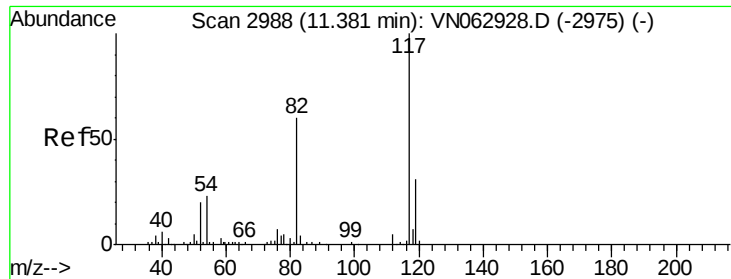
Tgt Ion: 63 Resp: 45602
 Ion Ratio Lower Upper
 63 100
 65 33.4 25.8 38.8
 106 28.2 20.4 30.6



#56
 Bromoform
 Concen: 19.325 ug/l
 RT: 12.10 min Scan# 3212
 Delta R.T. -0.00 min
 Lab File: VN062938.D
 Acq: 14 Aug 2020 14:02

Tgt Ion: 173 Resp: 26604
 Ion Ratio Lower Upper
 173 100
 175 48.0 37.8 56.6
 254 9.5 6.9 10.3

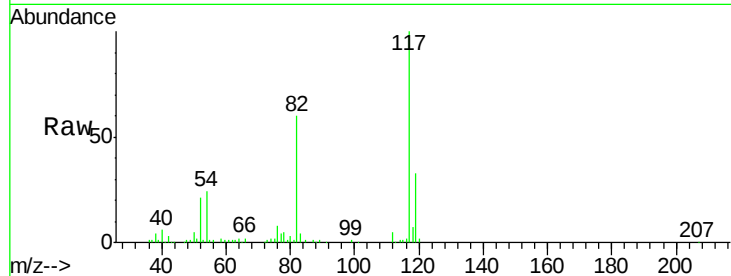




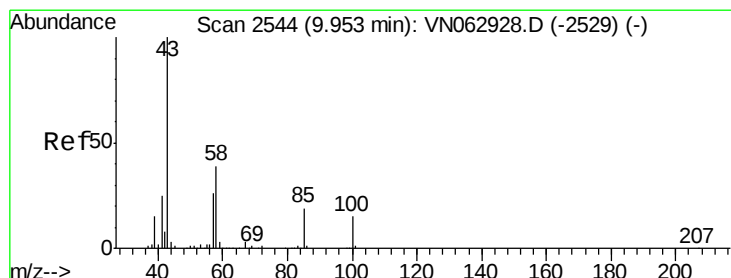
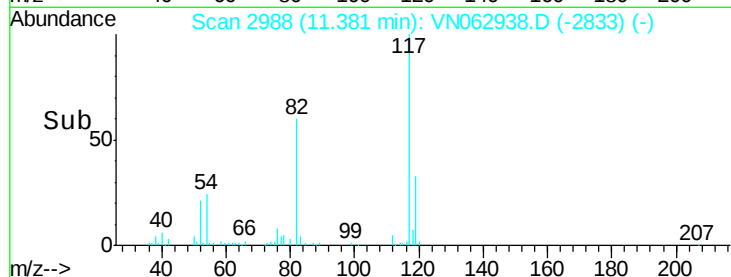
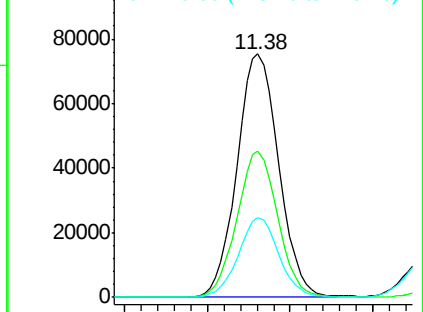
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062938.D
Acq: 14 Aug 2020 14:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 117 Resp: 131911
Ion Ratio Lower Upper
117 100
82 58.8 47.5 71.3
119 31.8 26.0 39.0

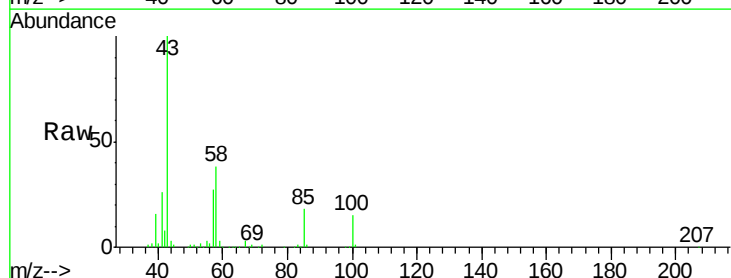


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V

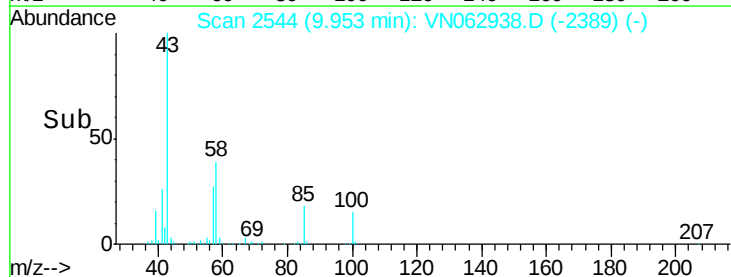
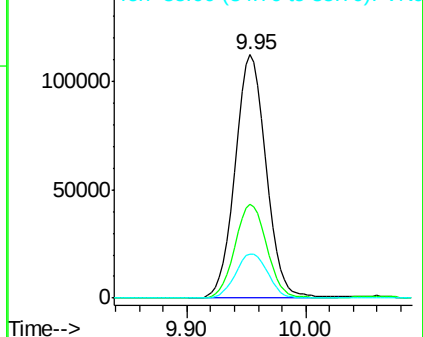


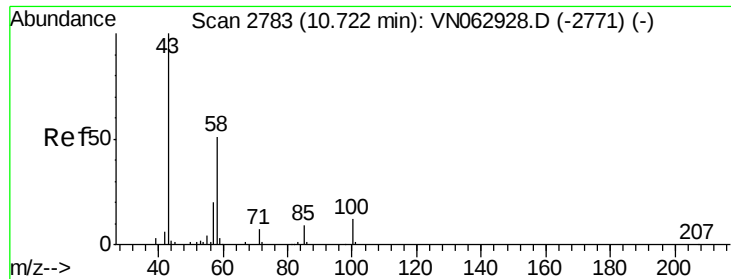
#58
4-Methyl-2-Pentanone
Concen: 88.491 ug/l
RT: 9.95 min Scan# 2544
Delta R.T. -0.00 min
Lab File: VN062938.D
Acq: 14 Aug 2020 14:02

Tgt Ion: 43 Resp: 203117
Ion Ratio Lower Upper
43 100
58 39.8 31.3 46.9
85 19.0 15.2 22.8



Abundance Ion 43.00 (42.70 to 43.70): V
Ion 58.00 (57.70 to 58.70): V
Ion 85.00 (84.70 to 85.70): V

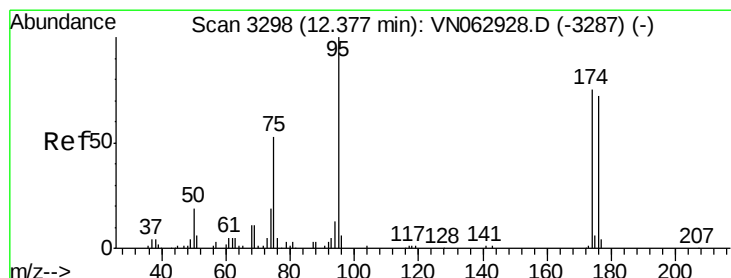
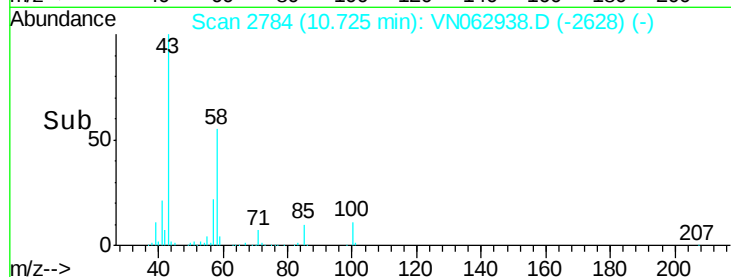
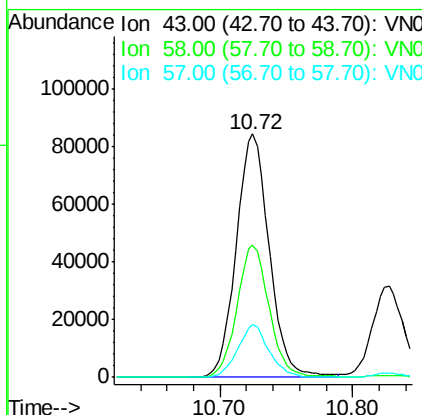
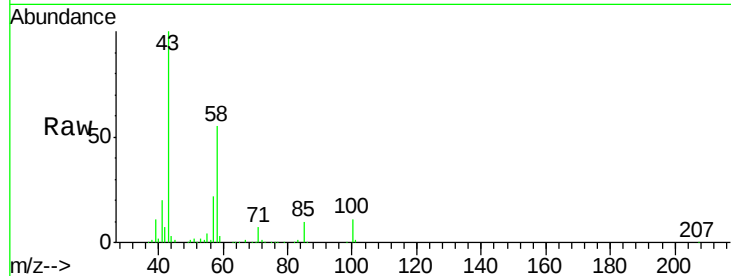




#59
2-Hexanone
Concen: 86.996 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN062938.D
Acq: 14 Aug 2020 14:02

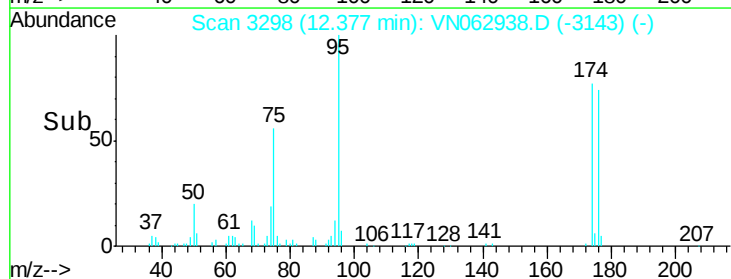
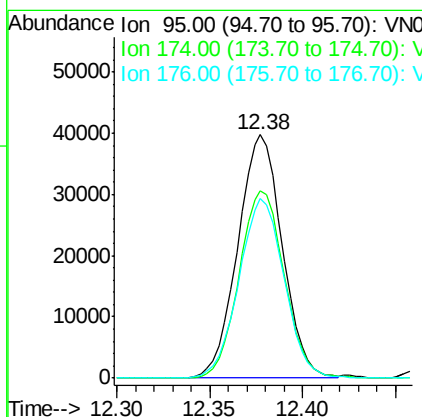
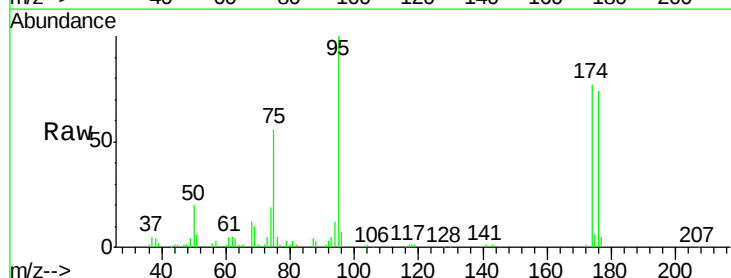
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MSVOA_N
ClientSampleId :
VSTDCCC020EC

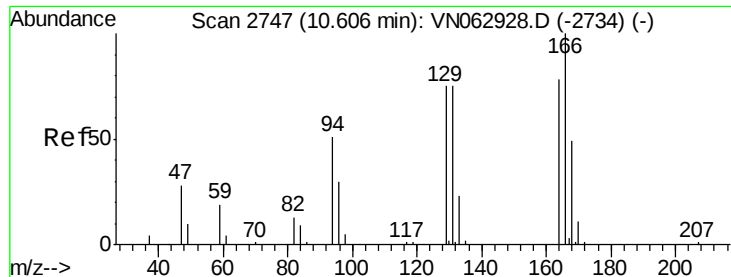
Tgt Ion: 43 Resp: 145804
Ion Ratio Lower Upper
43 100
58 53.0 41.8 62.6
57 20.5 16.2 24.2



#60
4-Bromofluorobenzene
Concen: 28.449 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN062938.D
Acq: 14 Aug 2020 14:02

Tgt Ion: 95 Resp: 66089
Ion Ratio Lower Upper
95 100
174 78.2 60.9 91.3
176 75.1 57.8 86.8

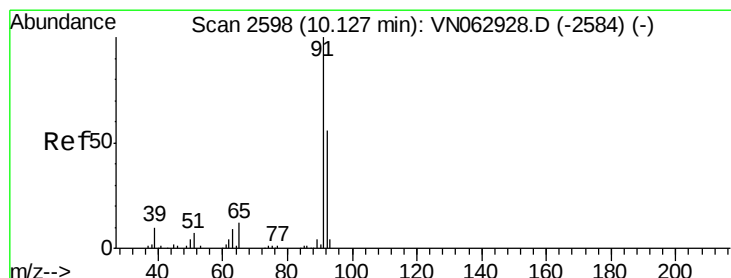
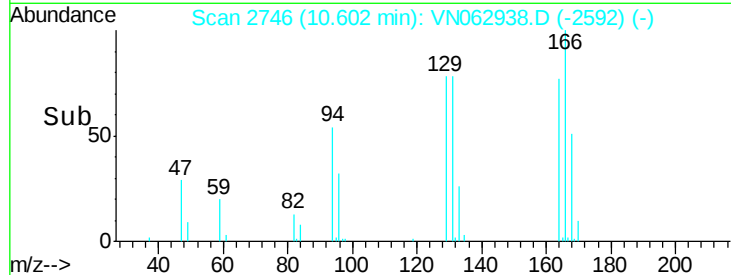
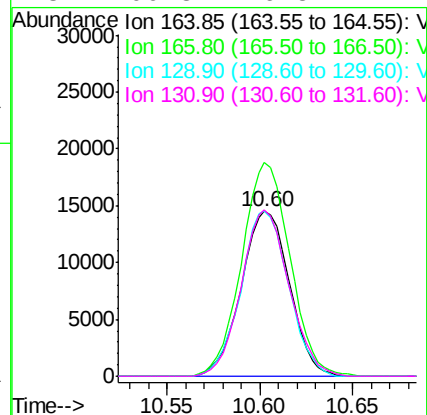
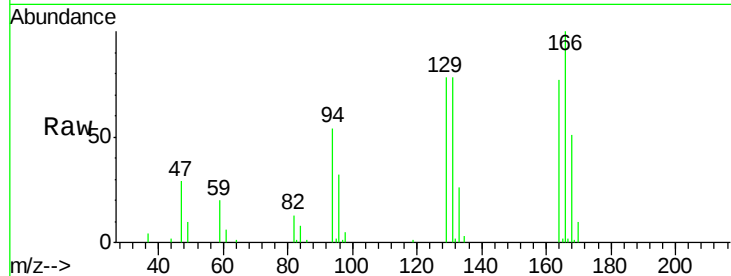




#61
Tetrachloroethene
Concen: 19.178 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062938.D
Acq: 14 Aug 2020 14:02

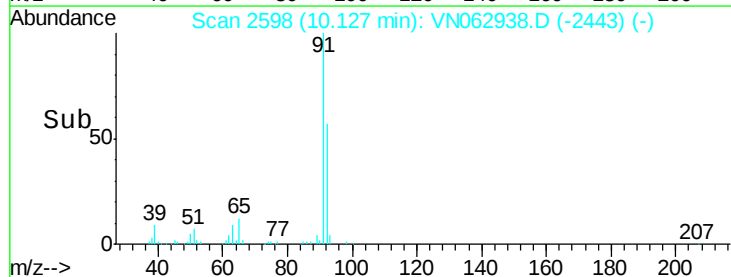
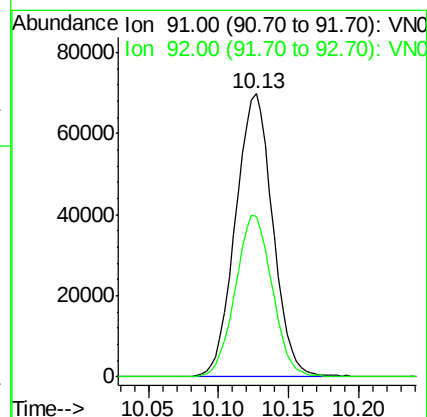
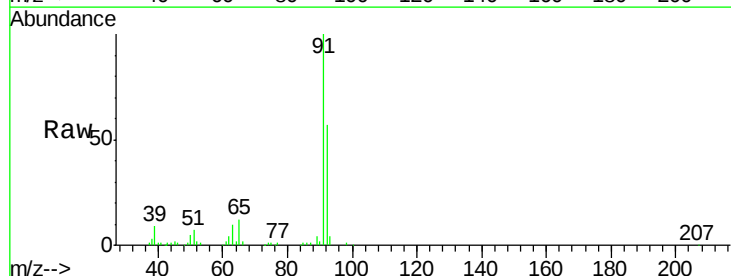
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

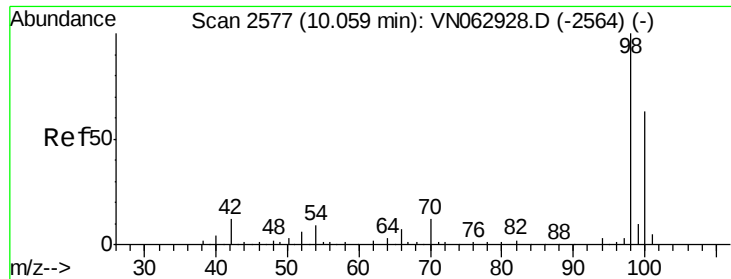
Tgt Ion:164 Resp: 26154
Ion Ratio Lower Upper
164 100
166 129.6 101.9 152.9
129 100.5 76.4 114.6
131 100.8 76.5 114.7



#62
Toluene
Concen: 18.593 ug/l
RT: 10.13 min Scan# 2598
Delta R.T. -0.00 min
Lab File: VN062938.D
Acq: 14 Aug 2020 14:02

Tgt Ion: 91 Resp: 129316
Ion Ratio Lower Upper
91 100
92 56.6 45.2 67.8





#63

Toluene-d8

Concen: 30.158 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062938.D

Acq: 14 Aug 2020 14:02

Instrument :

MSVOA_N

ClientSampleId :

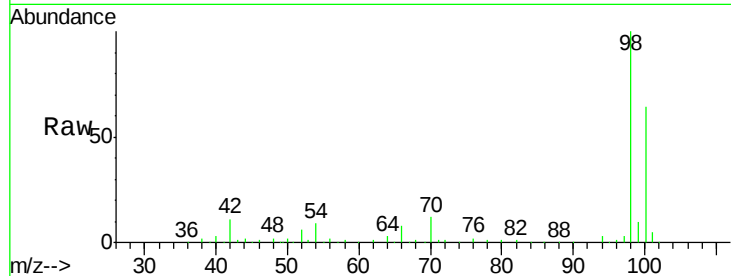
VSTDCCC020EC

Tgt Ion: 98 Resp: 186022

Ion Ratio Lower Upper

98 100

100 63.1 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VN062928.D (-2564) (-)

Ion 100.00 (99.70 to 100.70): VN062928.D (-2564) (-)

10.06

100000

80000

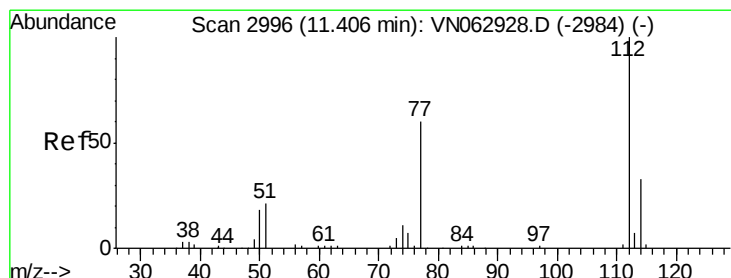
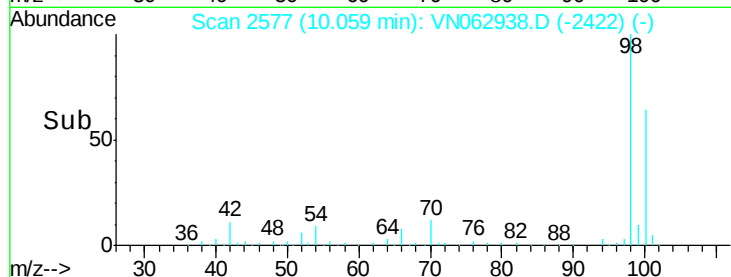
60000

40000

20000

0

Time-->



#64

Chlorobenzene

Concen: 18.842 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN062938.D

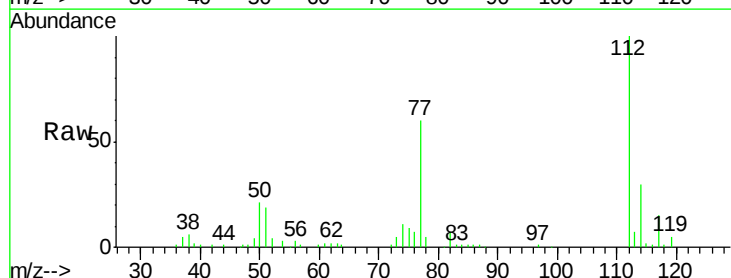
Acq: 14 Aug 2020 14:02

Tgt Ion: 112 Resp: 82208

Ion Ratio Lower Upper

112 100

114 29.5 26.2 39.2



Abundance Ion 112.00 (111.70 to 112.70): VN062928.D (-2984) (-)

Ion 114.00 (113.70 to 114.70): VN062928.D (-2984) (-)

11.41

50000

40000

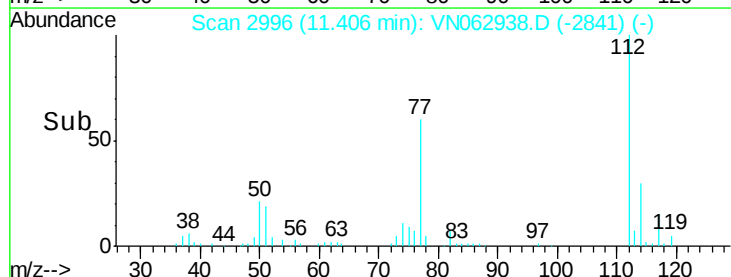
30000

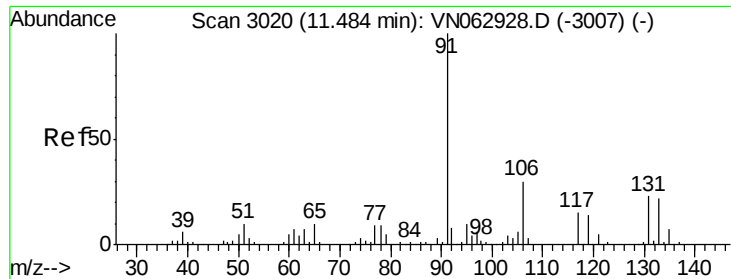
20000

10000

0

Time-->





#65

1,1,1,2-Tetrachloroethane

Concen: 19.478 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. -0.00 min

Lab File: VN062938.D

Acq: 14 Aug 2020 14:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

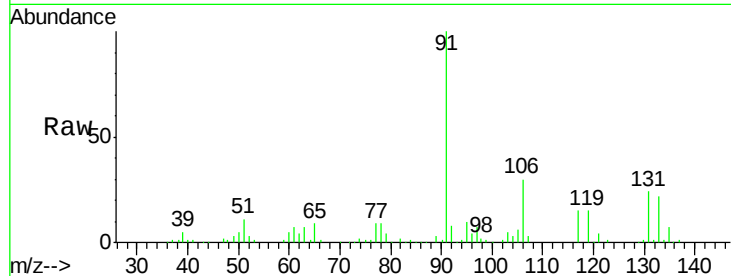
Tgt Ion:131 Resp: 35143

Ion Ratio Lower Upper

131 100

133 93.2 0.0 192.6

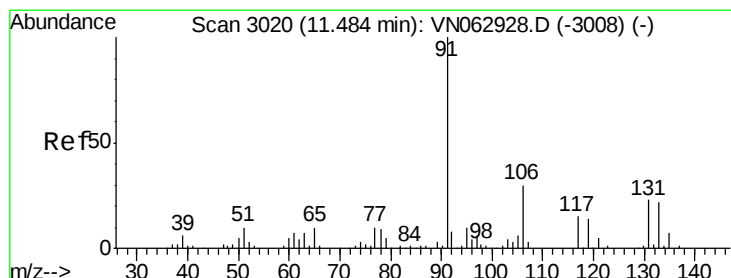
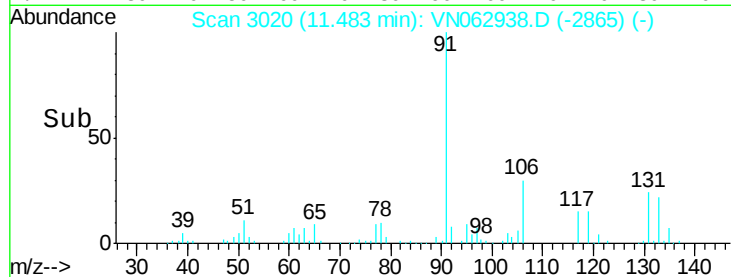
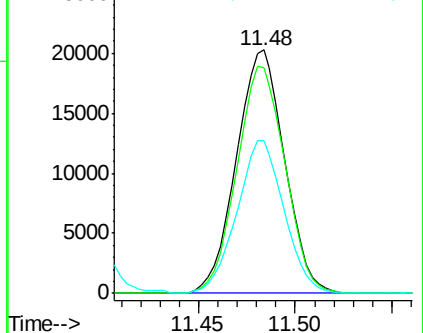
119 61.4 0.0 125.4



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 18.396 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. -0.00 min

Lab File: VN062938.D

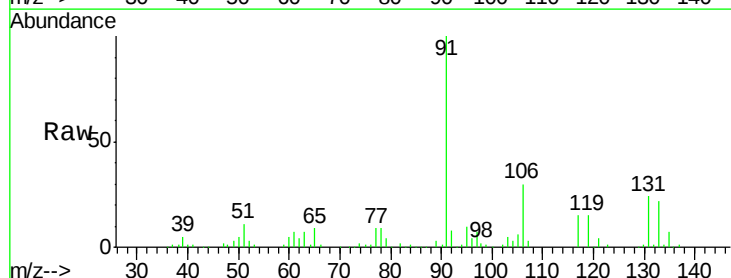
Acq: 14 Aug 2020 14:02

Tgt Ion: 91 Resp: 142438

Ion Ratio Lower Upper

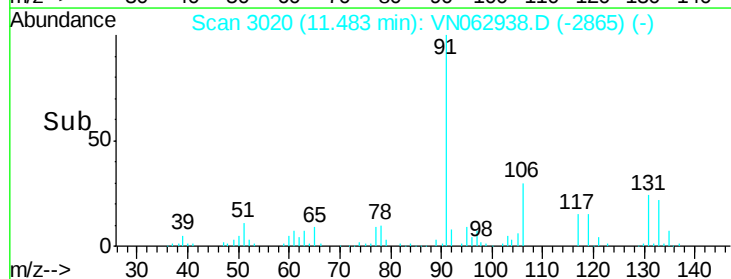
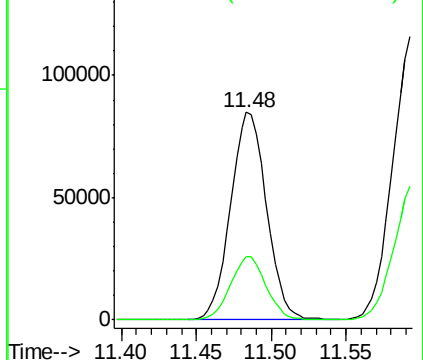
91 100

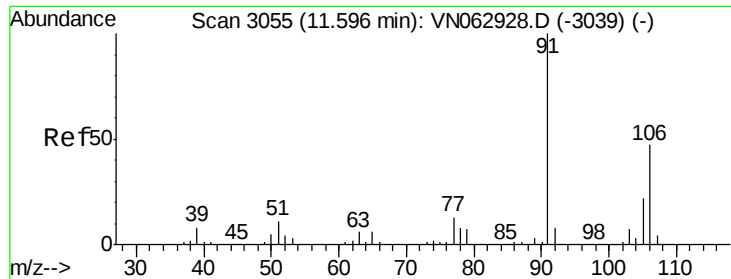
106 30.4 24.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V

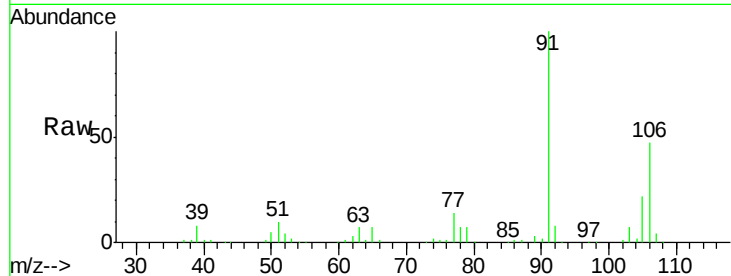




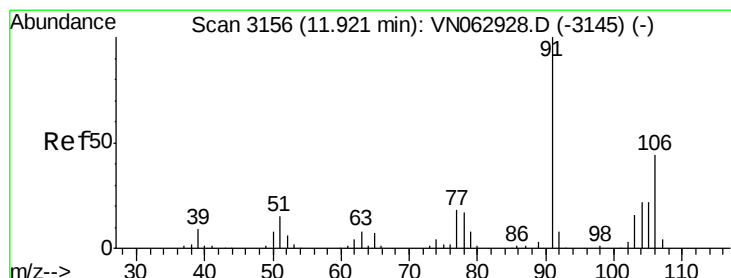
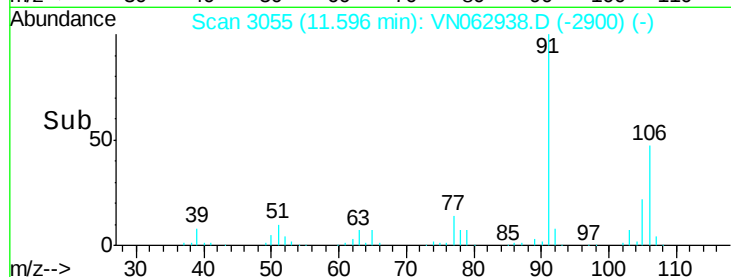
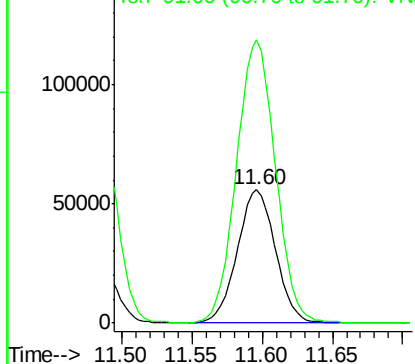
#67
m/p-Xylenes
Concen: 37.074 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. -0.00 min
Lab File: VN062938.D
Acq: 14 Aug 2020 14:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:106 Resp: 106262
Ion Ratio Lower Upper
106 100
91 215.7 171.0 256.6

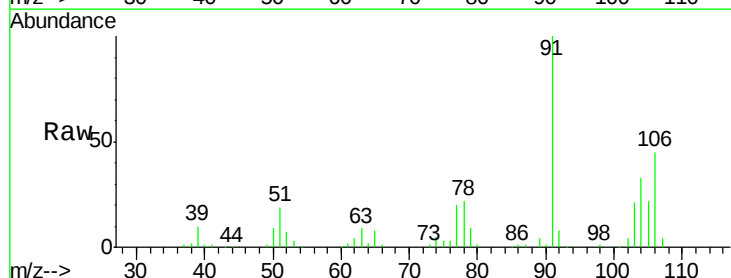


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

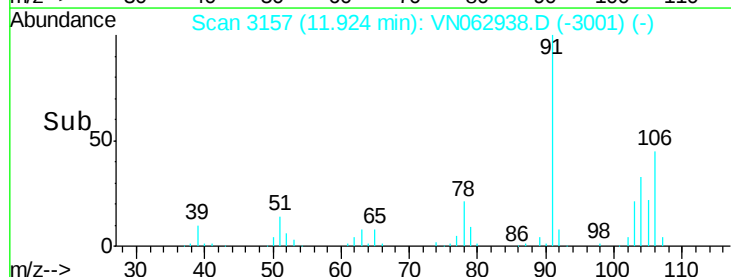
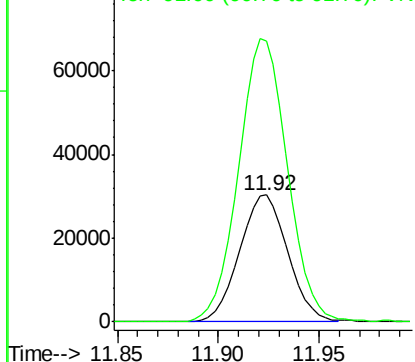


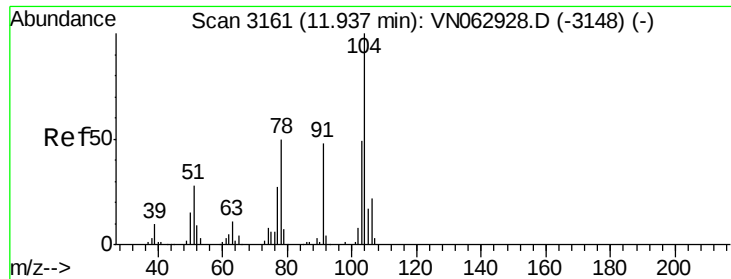
#68
o-Xylene
Concen: 18.421 ug/l
RT: 11.92 min Scan# 3157
Delta R.T. 0.00 min
Lab File: VN062938.D
Acq: 14 Aug 2020 14:02

Tgt Ion:106 Resp: 50684
Ion Ratio Lower Upper
106 100
91 226.1 115.4 346.2



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

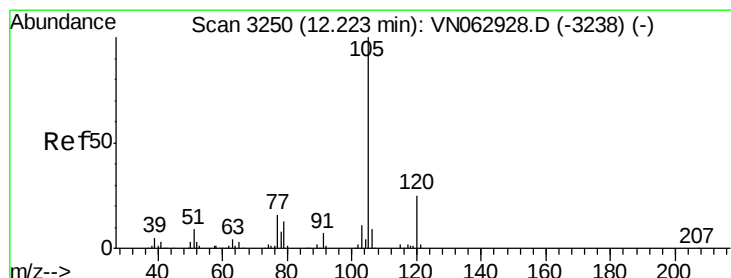
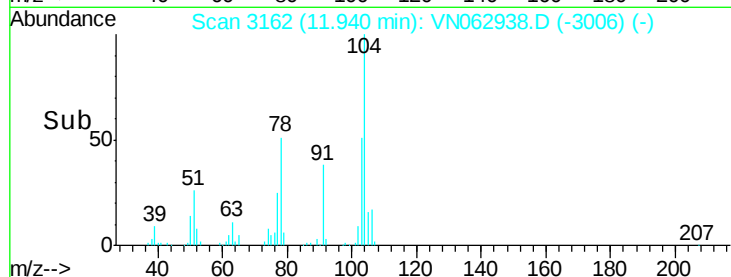
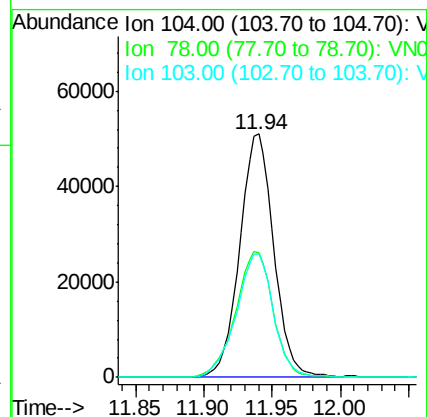
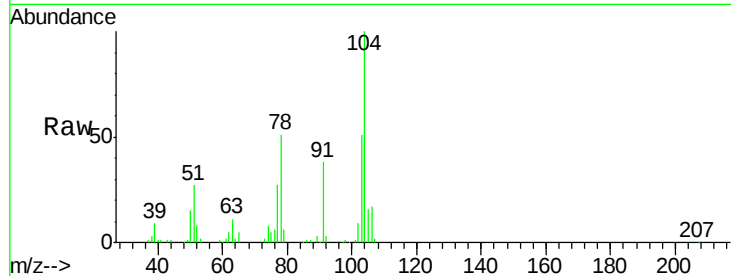




#69
Styrene
Concen: 18.100 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN062938.D
Acq: 14 Aug 2020 14:02

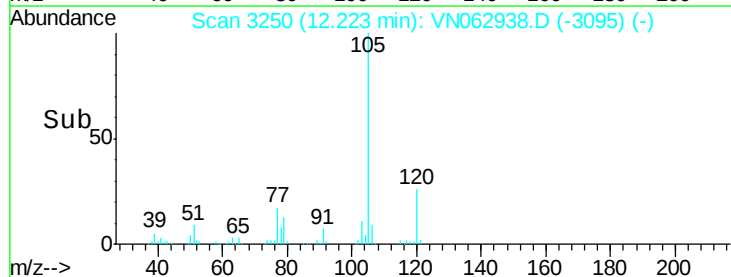
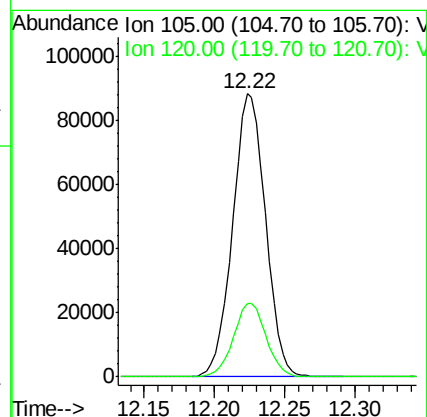
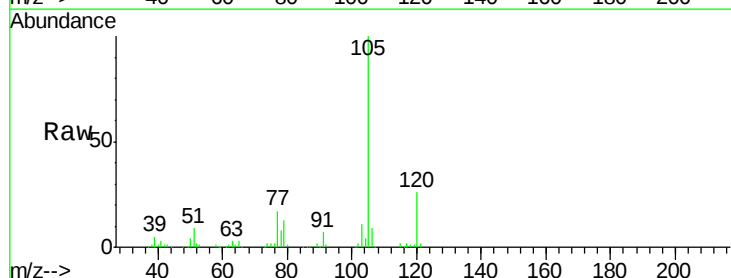
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

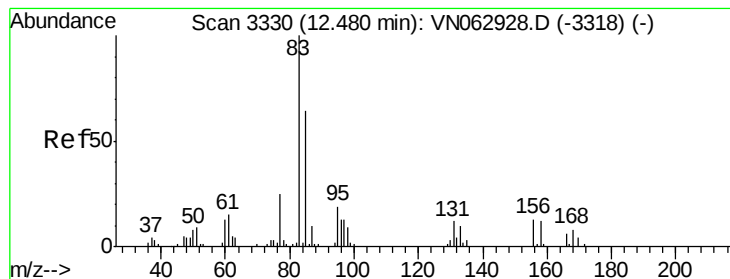
Tgt Ion:104 Resp: 88425
Ion Ratio Lower Upper
104 100
78 56.7 44.4 66.6
103 54.9 44.0 66.0



#70
Isopropylbenzene
Concen: 18.386 ug/l
RT: 12.22 min Scan# 3250
Delta R.T. -0.00 min
Lab File: VN062938.D
Acq: 14 Aug 2020 14:02

Tgt Ion:105 Resp: 143967
Ion Ratio Lower Upper
105 100
120 25.8 18.0 33.4





#71

1,1,2,2-Tetrachloroethane

Concen: 18.527 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. -0.00 min

Lab File: VN062938.D

Acq: 14 Aug 2020 14:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

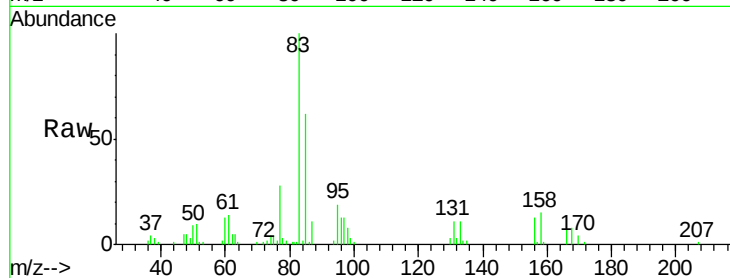
Tgt Ion: 83 Resp: 47751

Ion Ratio Lower Upper

83 100

131 10.8 5.5 16.4

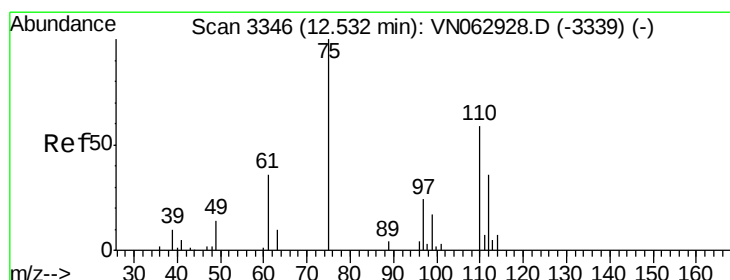
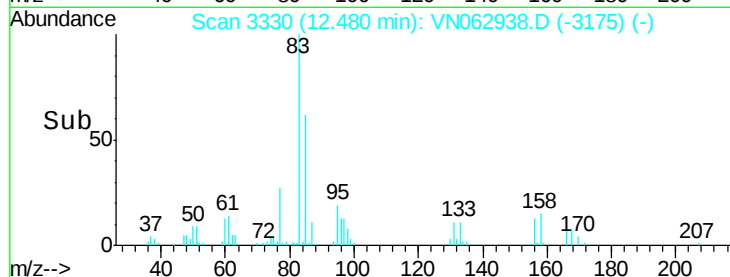
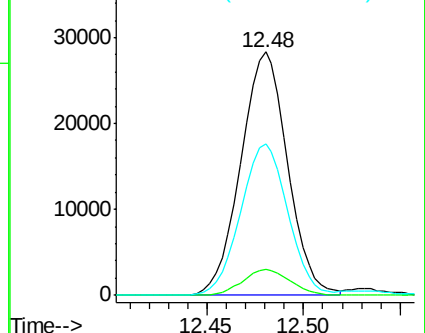
85 62.7 31.7 95.1



Abundance Ion 83.00 (82.70 to 83.70): VN062938.D (-3175) (-)

Ion 131.00 (130.70 to 131.70): VN062938.D (-3175) (-)

Ion 85.00 (84.70 to 85.70): VN062938.D (-3175) (-)



#72

1,2,3-Trichloropropane

Concen: 22.519 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062938.D

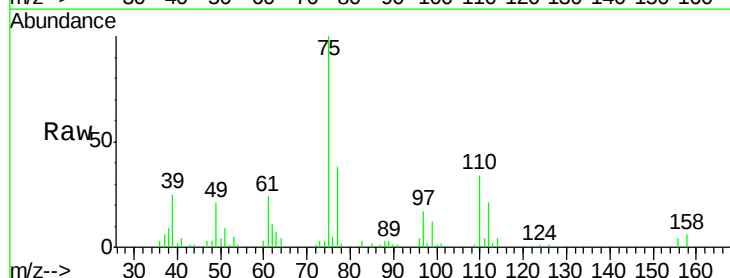
Acq: 14 Aug 2020 14:02

Tgt Ion: 75 Resp: 57478

Ion Ratio Lower Upper

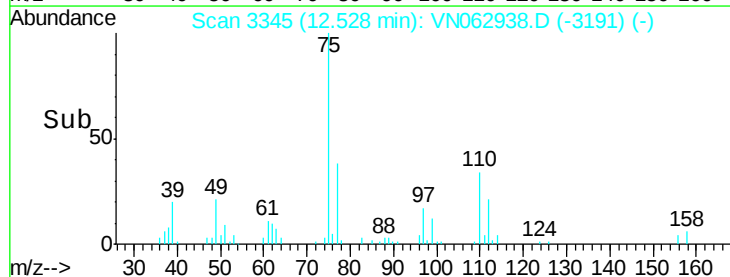
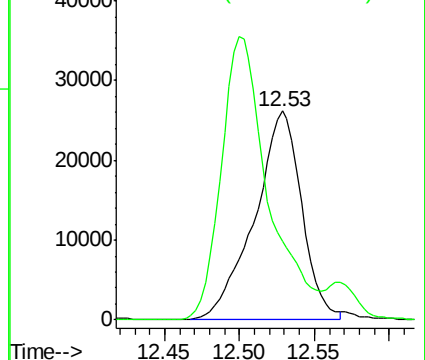
75 100

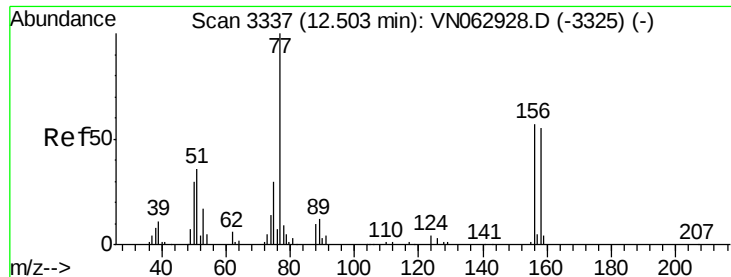
77 134.9 0.0 313.0



Abundance Ion 75.00 (74.70 to 75.70): VN062938.D (-3191) (-)

Ion 77.00 (76.70 to 77.70): VN062938.D (-3191) (-)

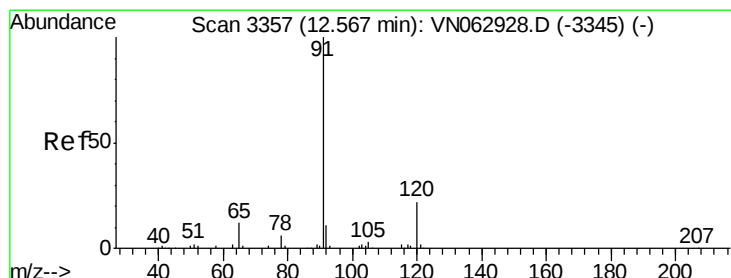
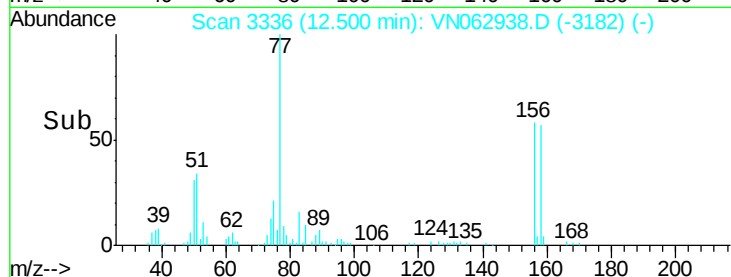
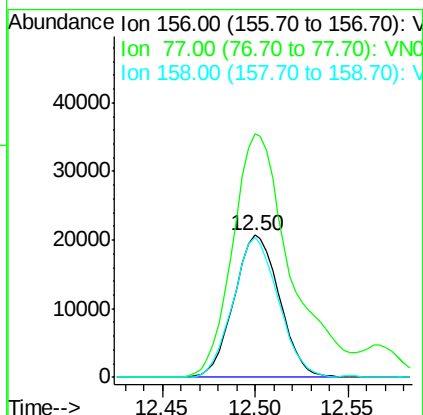
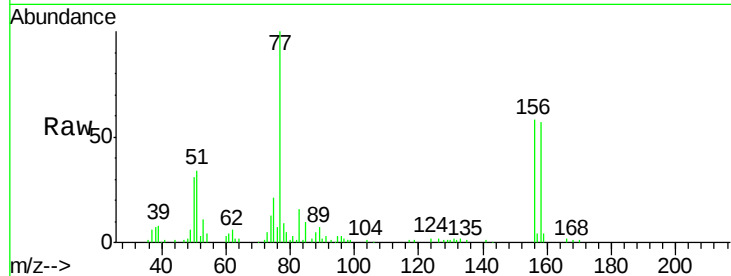




#73
Bromobenzene
Concen: 18.438 ug/l
RT: 12.50 min Scan# 3336
Delta R.T. -0.00 min
Lab File: VN062938.D
Acq: 14 Aug 2020 14:02

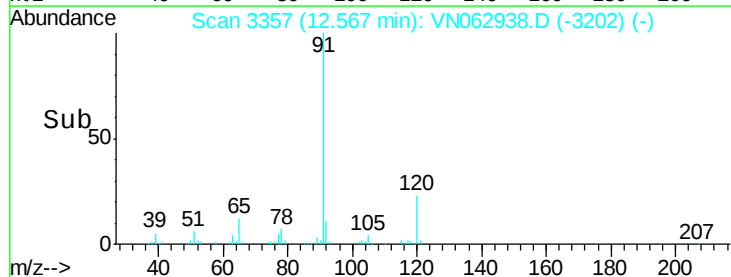
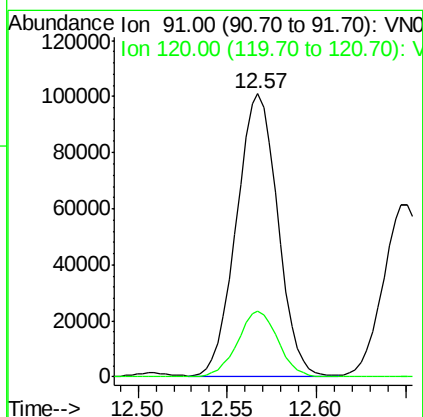
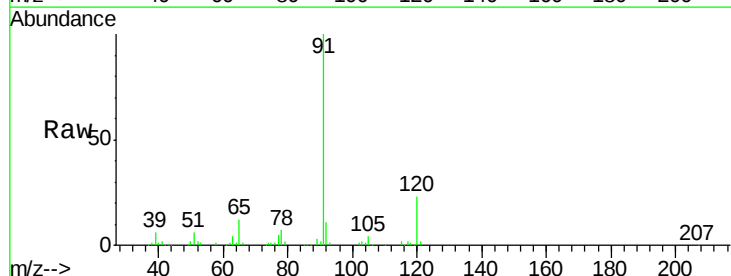
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

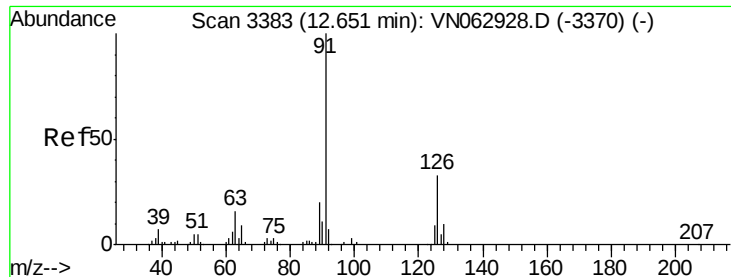
Tgt Ion:156 Resp: 35399
Ion Ratio Lower Upper
156 100
77 219.1 0.0 448.4
158 97.9 0.0 195.0



#74
n-propylbenzene
Concen: 18.092 ug/l
RT: 12.57 min Scan# 3357
Delta R.T. -0.00 min
Lab File: VN062938.D
Acq: 14 Aug 2020 14:02

Tgt Ion: 91 Resp: 163474
Ion Ratio Lower Upper
91 100
120 22.6 0.0 43.4





#75

2-Chlorotoluene

Concen: 18.398 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN062938.D

Acq: 14 Aug 2020 14:02

Instrument :

MSVOA_N

ClientSampleId :

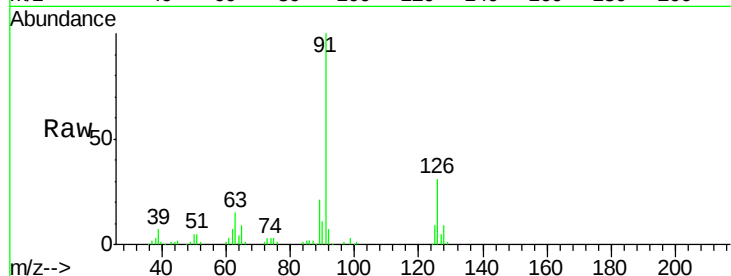
VSTDCCC020EC

Tgt Ion: 91 Resp: 104365

Ion Ratio Lower Upper

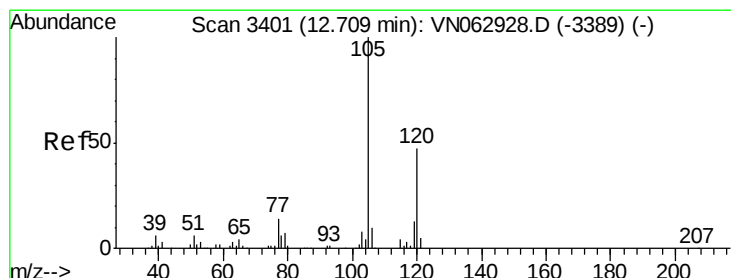
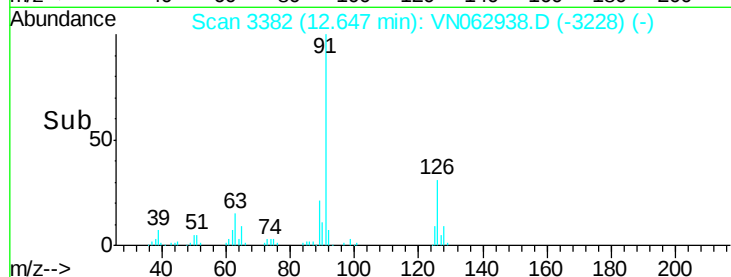
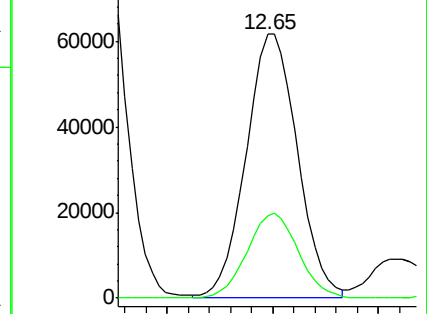
91 100

126 32.0 0.0 63.0



Abundance Ion 91.00 (90.70 to 91.70): VN062928.D (-3370) (-)

Ion 126.00 (125.70 to 126.70): VN062928.D (-3370) (-)



#76

1,3,5-Trimethylbenzene

Concen: 18.328 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062938.D

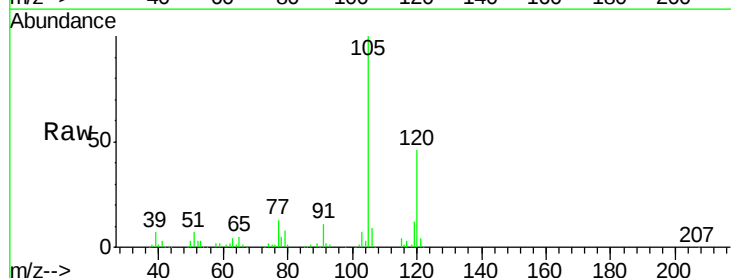
Acq: 14 Aug 2020 14:02

Tgt Ion: 105 Resp: 127601

Ion Ratio Lower Upper

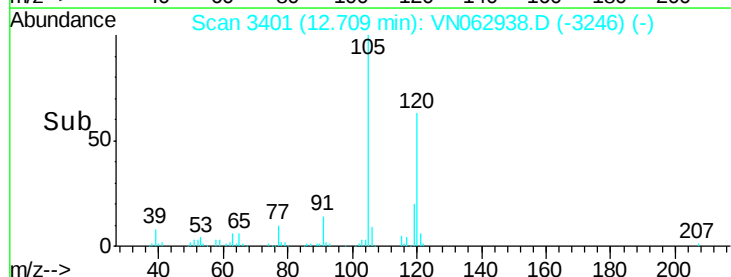
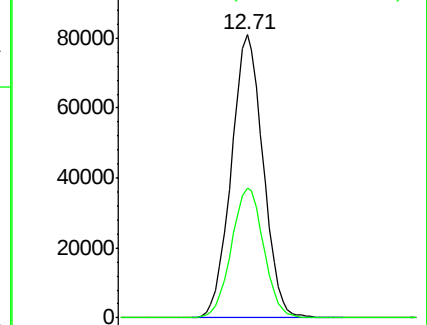
105 100

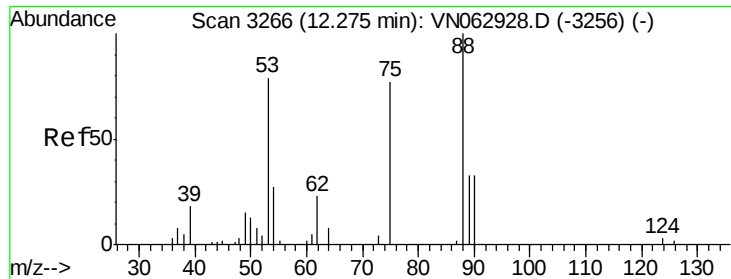
120 46.7 0.0 92.4



Abundance Ion 105.00 (104.70 to 105.70): VN062928.D (-3389) (-)

Ion 120.00 (119.70 to 120.70): VN062928.D (-3389) (-)

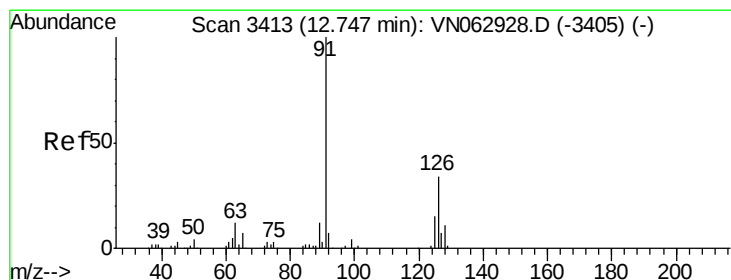
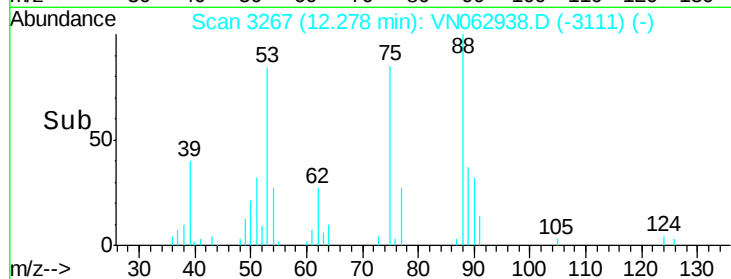
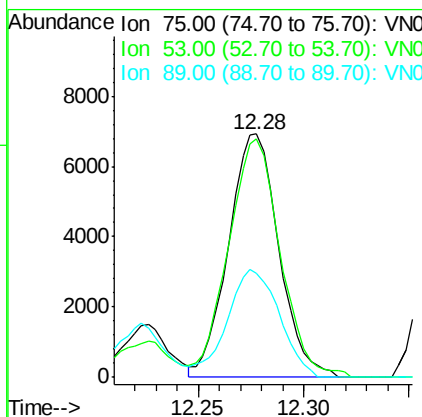
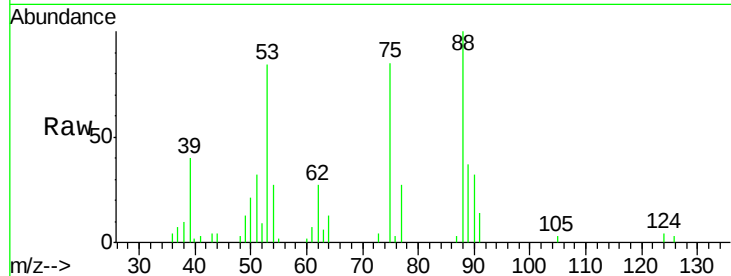




#77
t-1,4-Dichloro-2-butene
Concen: 13.960 ug/l
RT: 12.28 min Scan# 3267
Delta R.T. 0.00 min
Lab File: VN062938.D
Acq: 14 Aug 2020 14:02

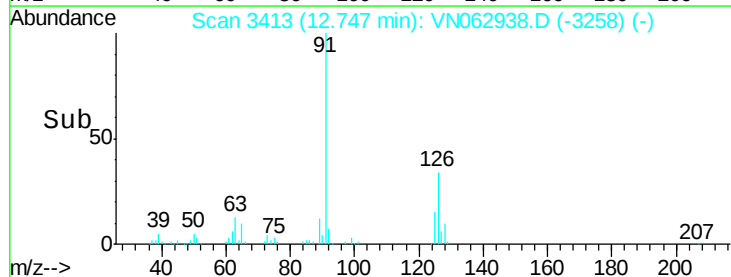
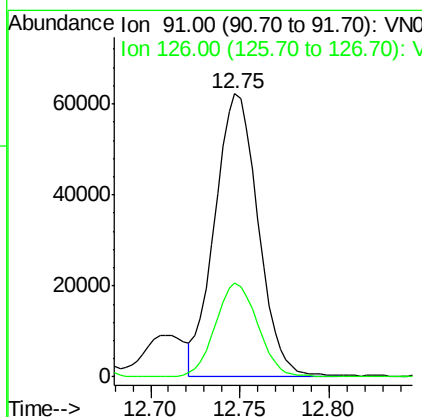
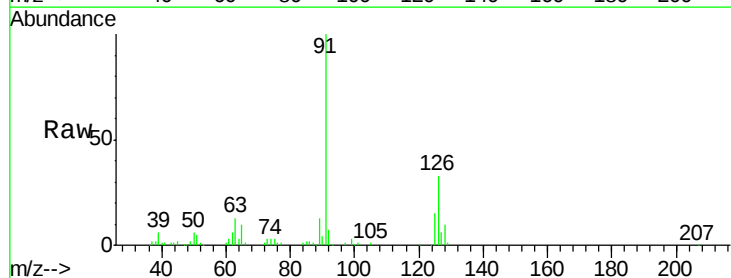
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

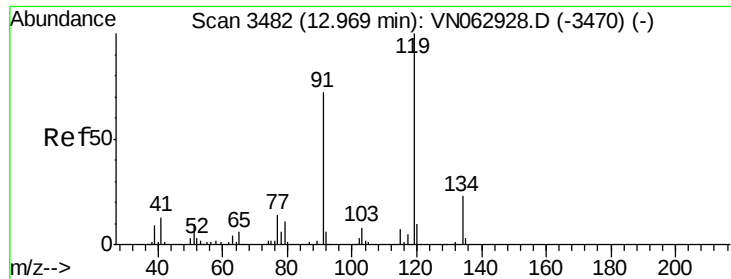
Tgt Ion: 75 Resp: 11474
Ion Ratio Lower Upper
75 100
53 95.5 52.3 157.1
89 42.8 23.4 70.3



#78
4-Chlorotoluene
Concen: 18.127 ug/l
RT: 12.75 min Scan# 3413
Delta R.T. -0.00 min
Lab File: VN062938.D
Acq: 14 Aug 2020 14:02

Tgt Ion: 91 Resp: 104587
Ion Ratio Lower Upper
91 100
126 32.6 0.0 63.0

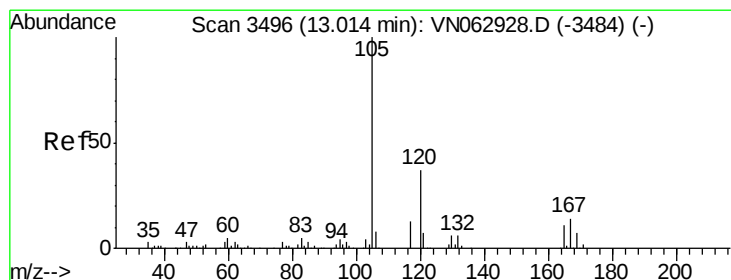
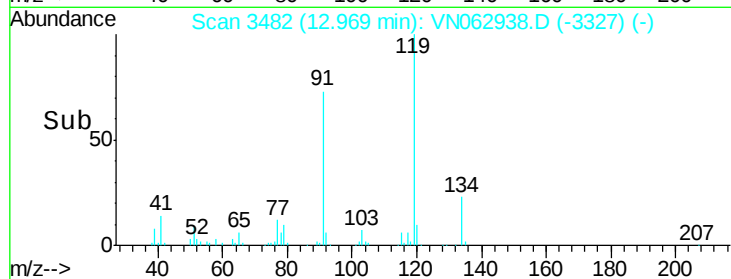
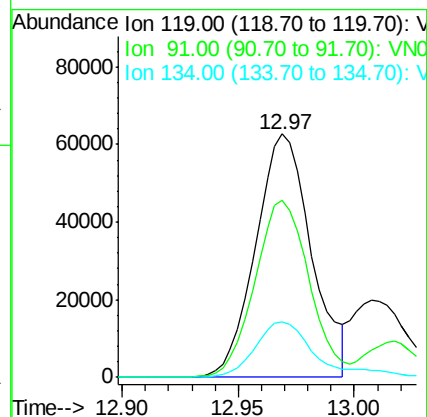
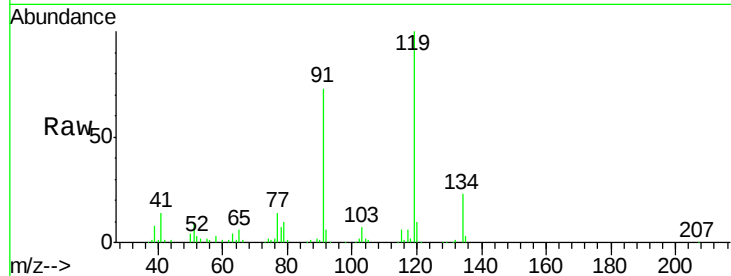




#79
tert-butylbenzene
Concen: 18.264 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. -0.00 min
Lab File: VN062938.D
Acq: 14 Aug 2020 14:02

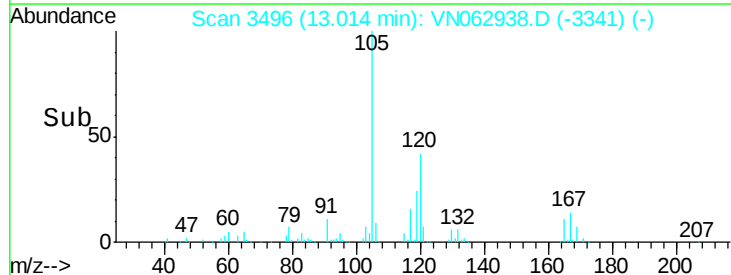
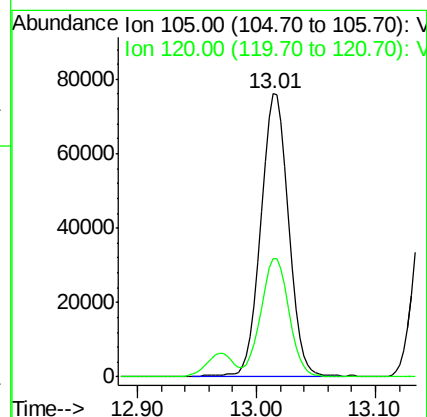
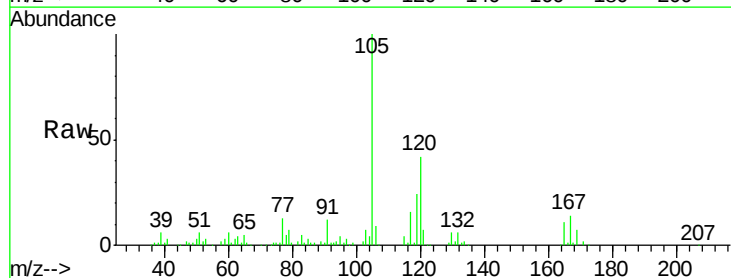
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

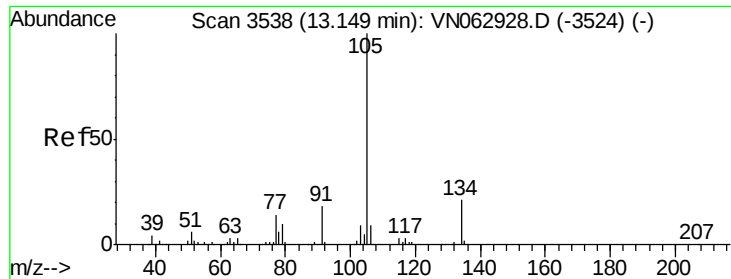
Tgt Ion:119 Resp: 105029
Ion Ratio Lower Upper
119 100
91 70.9 0.0 145.0
134 22.6 0.0 44.6



#80
1,2,4-Trimethylbenzene
Concen: 18.156 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. -0.00 min
Lab File: VN062938.D
Acq: 14 Aug 2020 14:02

Tgt Ion:105 Resp: 123530
Ion Ratio Lower Upper
105 100
120 42.1 0.0 86.6

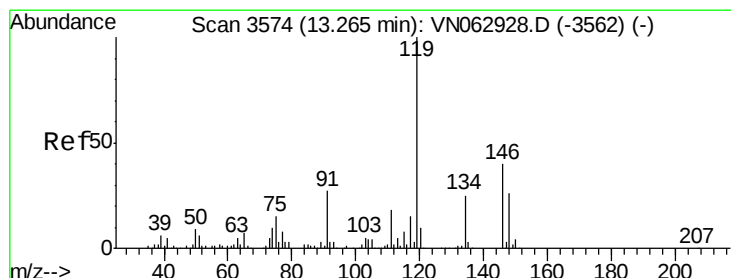
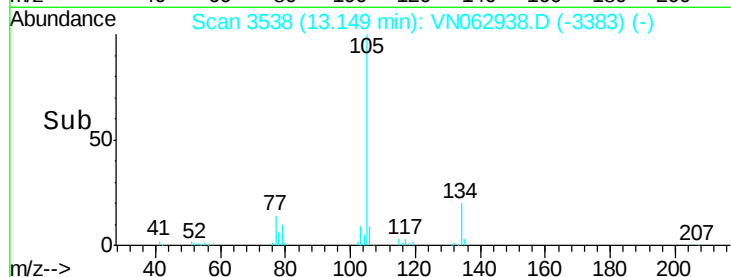
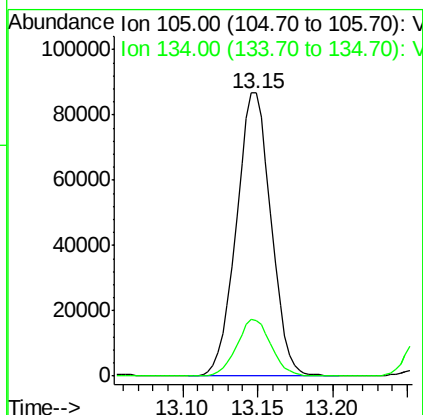
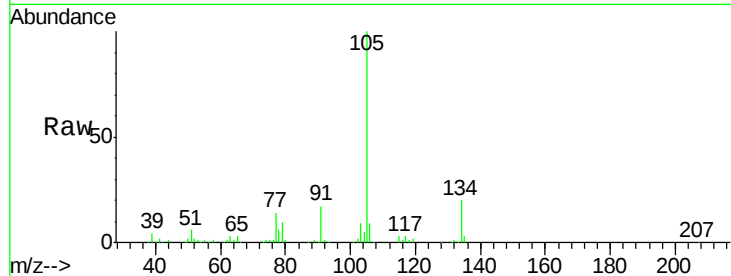




#81
 sec-Butylbenzene
 Concen: 18.456 ug/l
 RT: 13.15 min Scan# 3538
 Delta R.T. -0.00 min
 Lab File: VN062938.D
 Acq: 14 Aug 2020 14:02

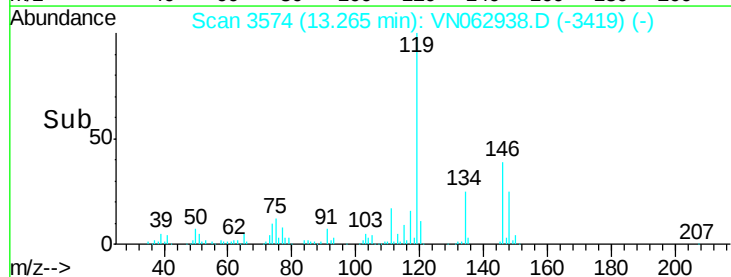
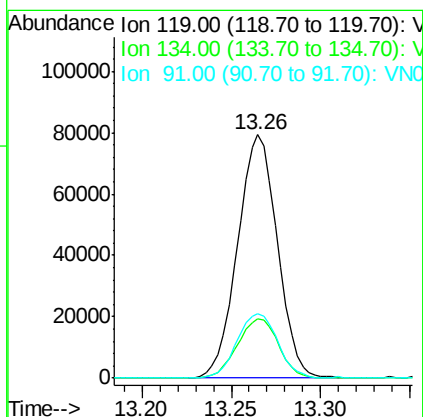
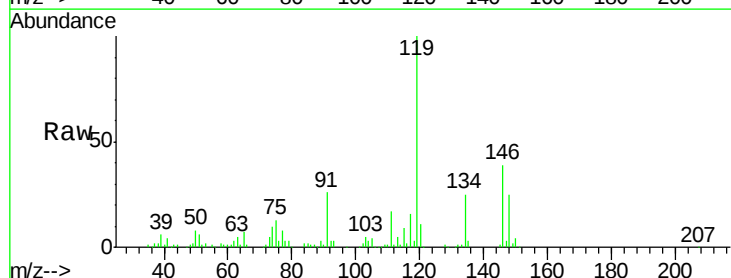
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

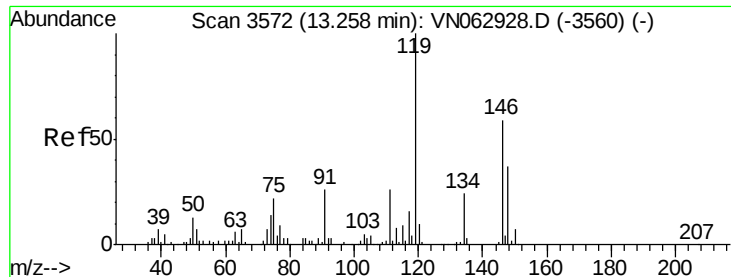
Tgt Ion:105 Resp: 140123
 Ion Ratio Lower Upper
 105 100
 134 19.7 0.0 39.4



#82
 p-Isopropyltoluene
 Concen: 18.172 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN062938.D
 Acq: 14 Aug 2020 14:02

Tgt Ion:119 Resp: 123351
 Ion Ratio Lower Upper
 119 100
 134 25.2 0.0 49.6
 91 27.2 0.0 53.6

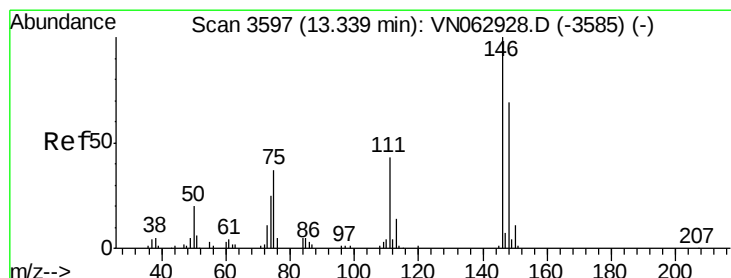
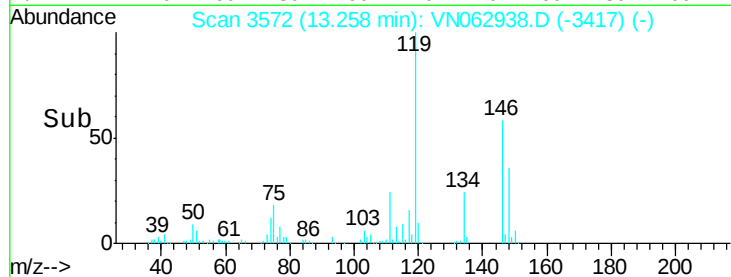
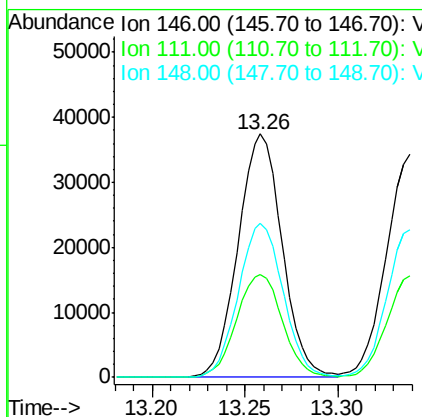
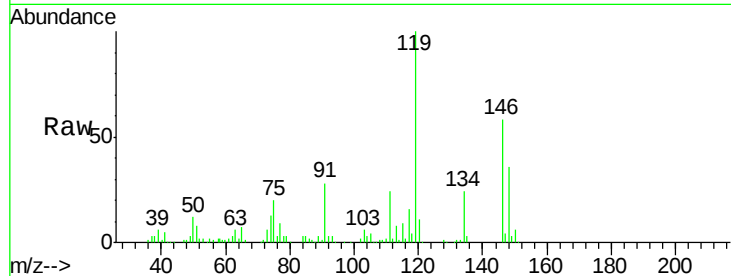




#83
 1,3-Dichlorobenzene
 Concen: 18.420 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062938.D
 Acq: 14 Aug 2020 14:02

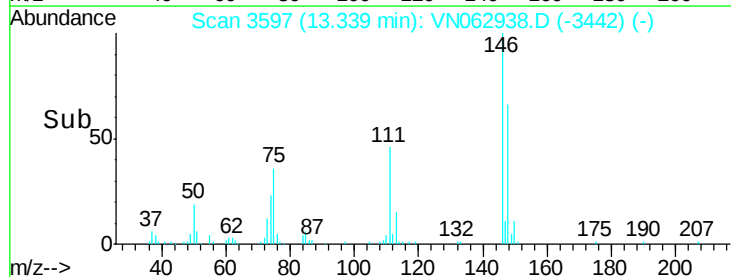
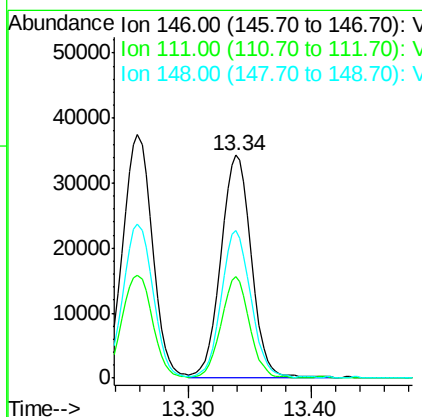
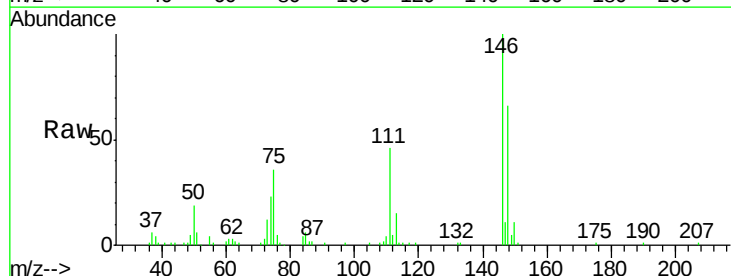
Instrument :
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 ClientSampleId :
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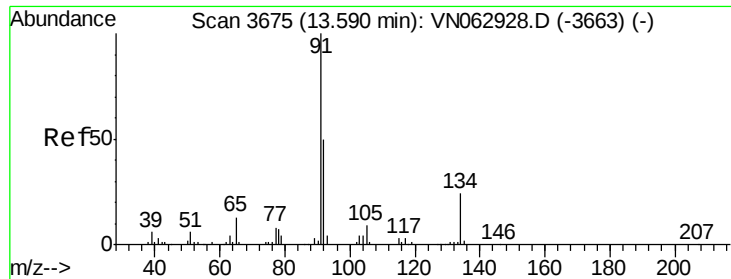
Tgt Ion:146 Resp: 61972
 Ion Ratio Lower Upper
 146 100
 111 43.8 22.4 67.2
 148 64.2 31.6 94.7



#84
 1,4-Dichlorobenzene
 Concen: 18.347 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062938.D
 Acq: 14 Aug 2020 14:02

Tgt Ion:146 Resp: 60605
 Ion Ratio Lower Upper
 146 100
 111 41.0 21.6 64.8
 148 64.3 33.3 99.9

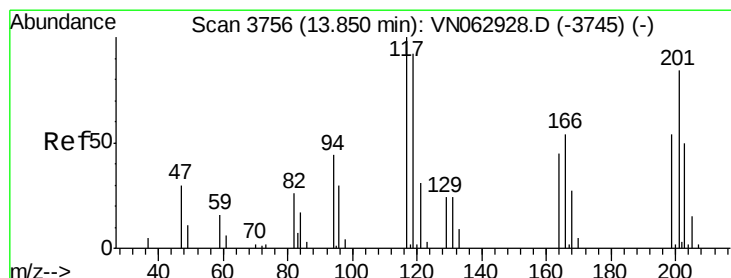
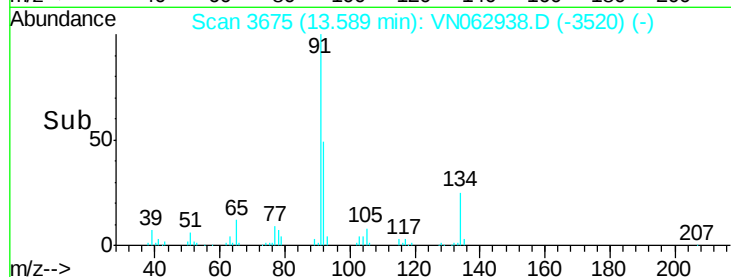
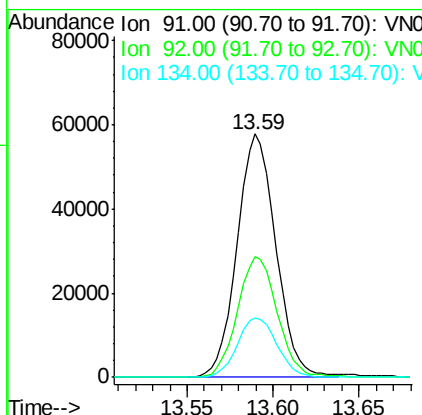
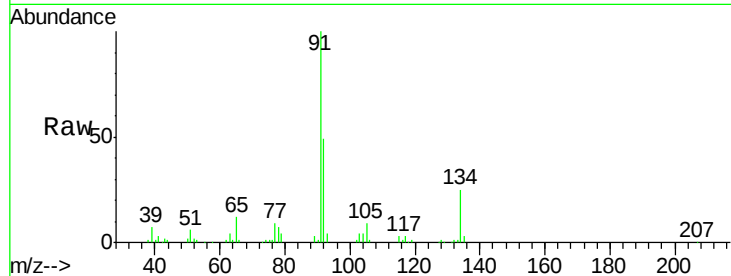




#85
n-Butylbenzene
Concen: 15.712 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062938.D
Acq: 14 Aug 2020 14:02

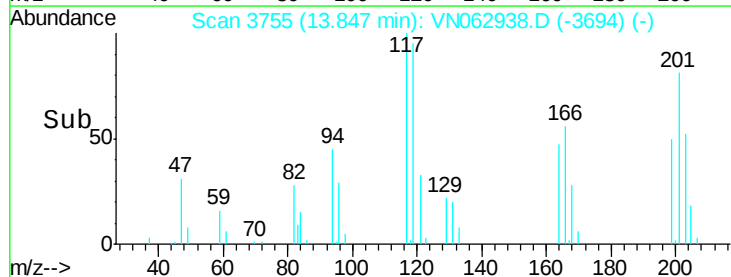
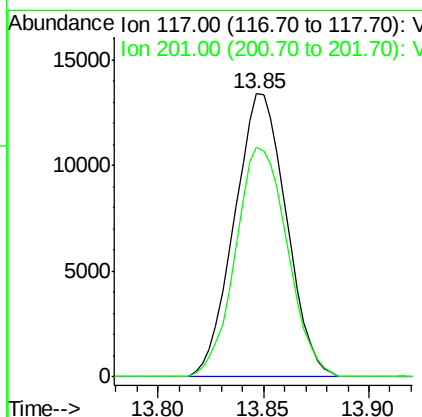
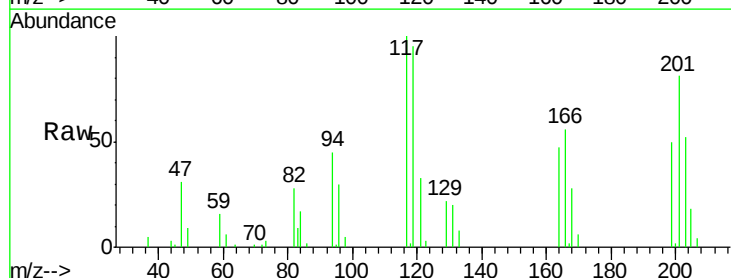
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

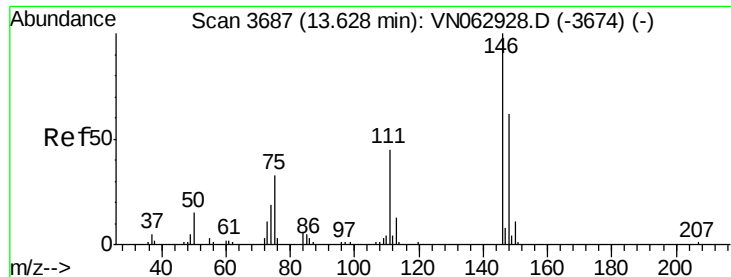
Tgt Ion: 91 Resp: 90920
Ion Ratio Lower Upper
91 100
92 50.4 0.0 97.2
134 24.9 0.0 48.4



#86
Hexachloroethane
Concen: 15.604 ug/l
RT: 13.85 min Scan# 3755
Delta R.T. -0.00 min
Lab File: VN062938.D
Acq: 14 Aug 2020 14:02

Tgt Ion: 117 Resp: 22947
Ion Ratio Lower Upper
117 100
201 81.1 40.9 122.7

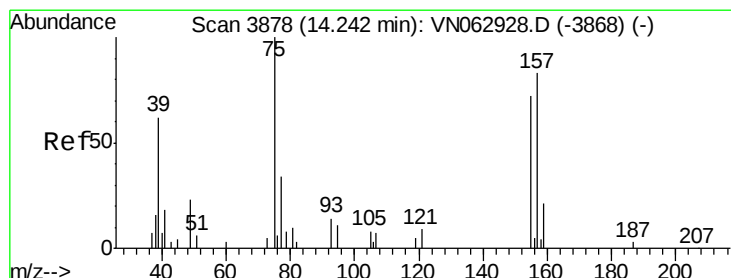
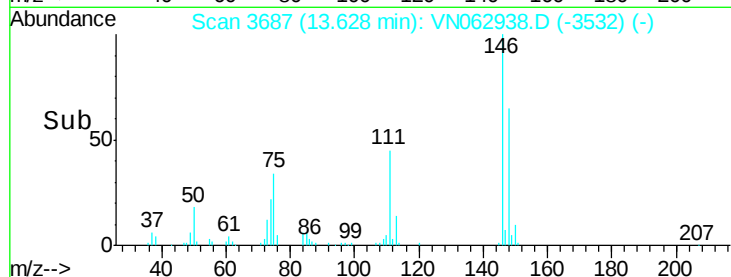
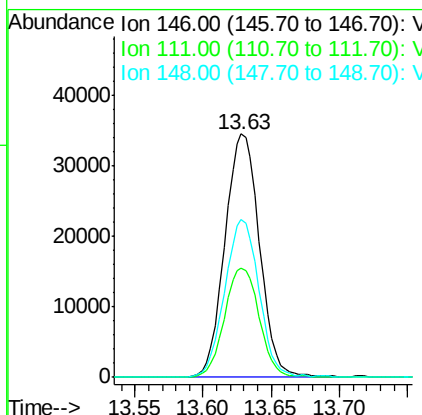
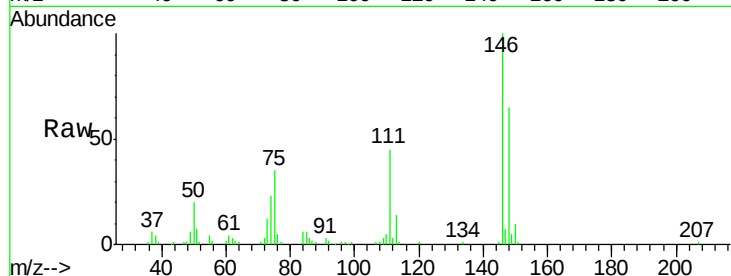




#87
 1,2-Dichlorobenzene
 Concen: 17.559 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062938.D
 Acq: 14 Aug 2020 14:02

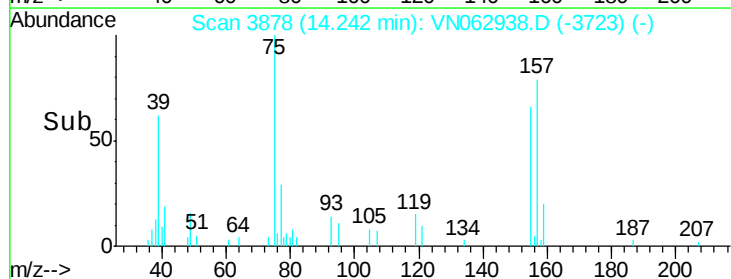
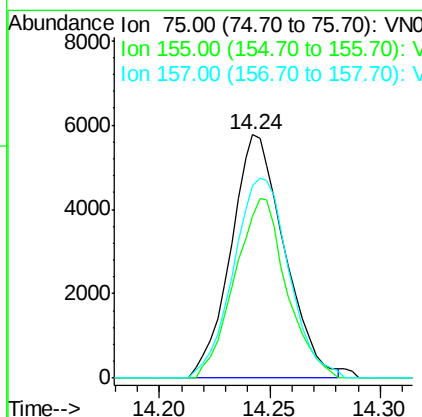
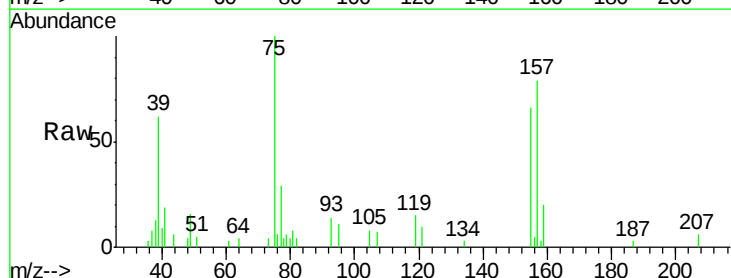
Instrument :
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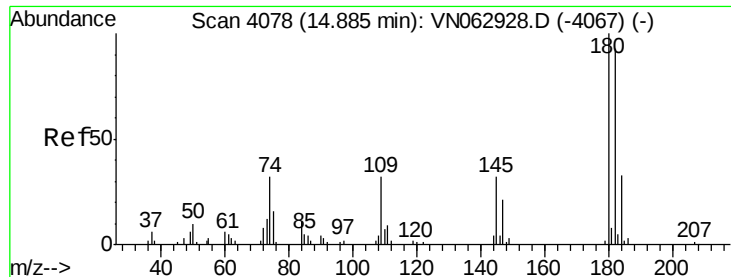
Tgt Ion:146 Resp: 60973
 Ion Ratio Lower Upper
 146 100
 111 44.6 23.3 69.8
 148 63.8 31.3 93.8



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 16.003 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. -0.00 min
 Lab File: VN062938.D
 Acq: 14 Aug 2020 14:02

Tgt Ion: 75 Resp: 9728
 Ion Ratio Lower Upper
 75 100
 155 71.2 59.8 89.8
 157 85.1 71.6 107.4

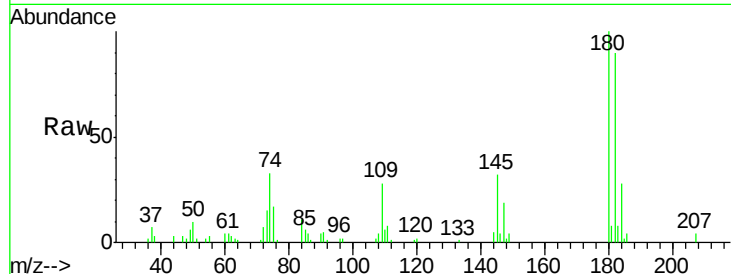




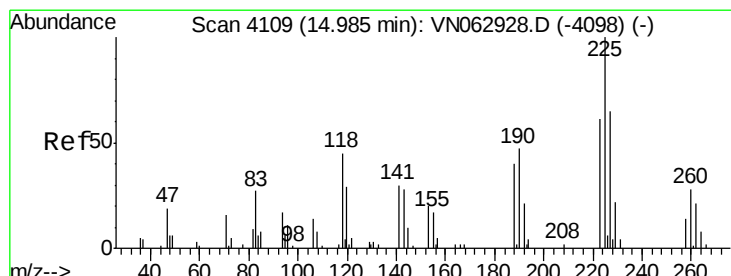
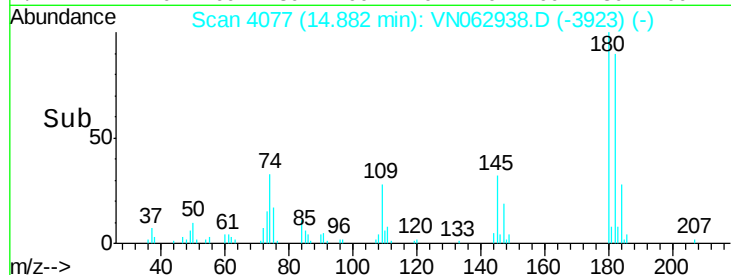
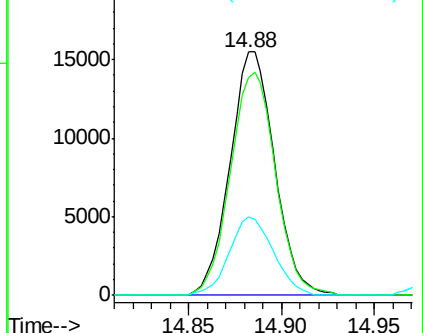
#89
 1,2,4-Trichlorobenzene
 Concen: 16.142 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN062938.D
 Acq: 14 Aug 2020 14:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tgt Ion:180 Resp: 25818
 Ion Ratio Lower Upper
 180 100
 182 93.1 75.3 112.9
 145 31.8 25.4 38.2

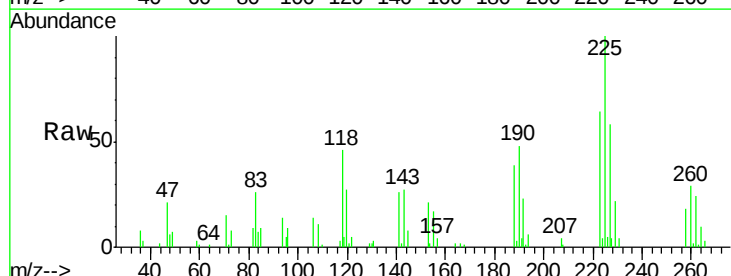


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

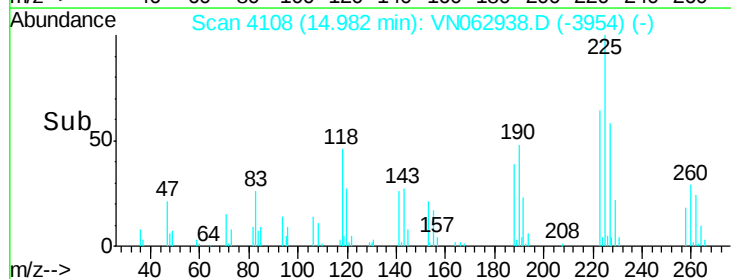
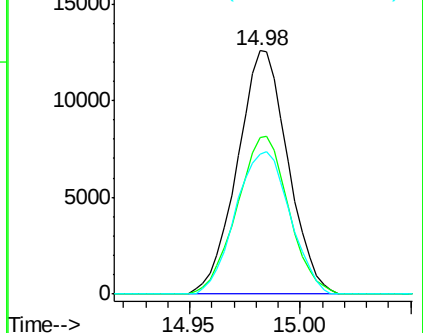


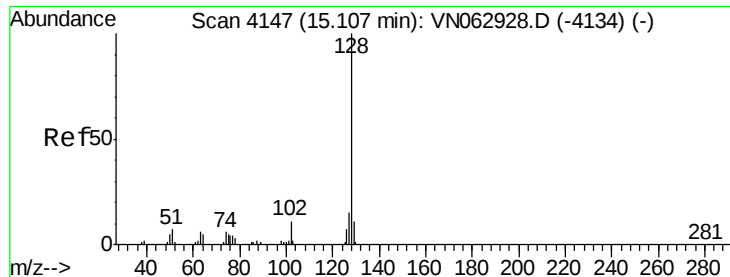
#90
 Hexachlorobutadiene
 Concen: 18.771 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN062938.D
 Acq: 14 Aug 2020 14:02

Tgt Ion:225 Resp: 20058
 Ion Ratio Lower Upper
 225 100
 223 66.0 0.0 129.8
 227 62.7 0.0 133.6



Abundance Ion 225.00 (224.70 to 225.70): V
 Ion 223.00 (222.70 to 223.70): V
 Ion 227.00 (226.70 to 227.70): V

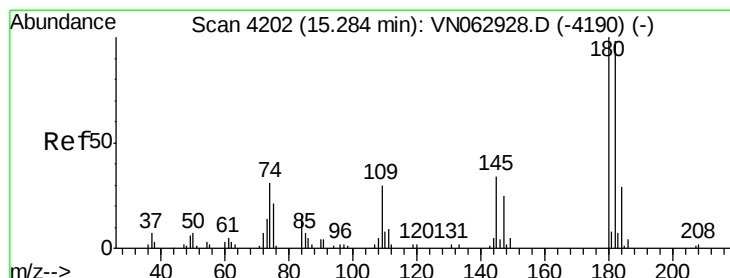
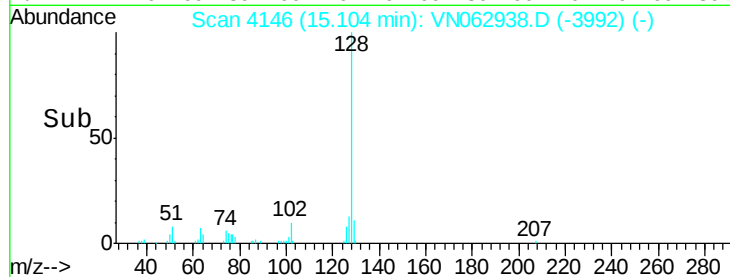
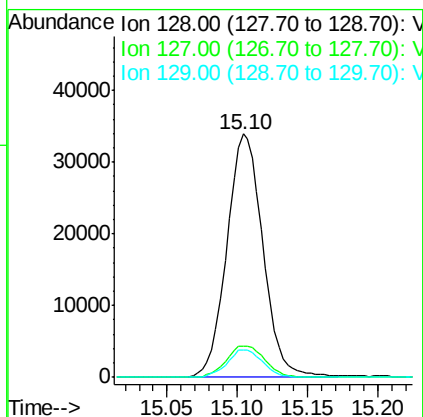
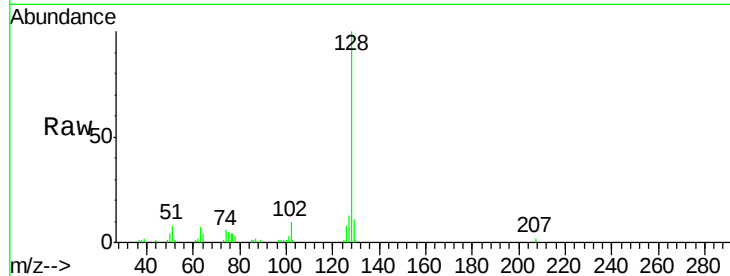




#91
Naphthalene
Concen: 14.013 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN062938.D
Acq: 14 Aug 2020 14:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:128 Resp: 60670
Ion Ratio Lower Upper
128 100
127 13.7 11.6 17.4
129 11.2 8.4 12.6



#92
1,2,3-Trichlorobenzene
Concen: 16.050 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN062938.D
Acq: 14 Aug 2020 14:02

Tgt Ion:180 Resp: 25706
Ion Ratio Lower Upper
180 100
182 97.9 0.0 196.4
145 33.7 0.0 71.4

