

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082120\
 Data File : VN063072.D
 Acq On : 21 Aug 2020 11:16
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Quant Time: Aug 22 00:50:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N082020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Aug 20 14:01:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	30746	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	160468	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	152760	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.99	65	65417	30.03	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.10%
60) 4-Bromofluorobenzene	12.38	95	72402	29.99	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.97%
63) Toluene-d8	10.06	98	210643	30.05	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.17%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.83	85	48784	22.192	ug/l 97
3) Chloromethane	2.04	50	52258	21.483	ug/l 97
4) Vinyl Chloride	2.16	62	52692	21.518	ug/l 100
5) Bromomethane	2.53	94	31417	20.813	ug/l 98
6) Chloroethane	2.67	64	30798	21.280	ug/l 96
7) Trichlorofluoromethane	2.98	101	62570	21.189	ug/l 98
8) Diethyl Ether	3.37	74	19839	20.200	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	32286	20.220	ug/l 99
10) 1,1-Dichloroethene	3.69	96	28527	19.883	ug/l 97
11) Methyl Iodide	3.91	142	38341	19.477	ug/l 98
12) Methyl Acetate	4.28	43	40438	21.144	ug/l 98
13) Acrolein	3.57	56	14527	74.114	ug/l 98
14) Acrylonitrile	4.93	53	85972	102.664	ug/l 98
15) Acetone	3.78	58	27278	112.551	ug/l 96
16) Carbon Disulfide	4.01	76	74937	19.455	ug/l 99
17) Allyl chloride	4.27	41	52236	19.841	ug/l 96
18) Methylene Chloride	4.50	84	38526	19.192	ug/l 95
19) trans-1,2-Dichloroethene	4.99	96	31320	19.852	ug/l 97
20) Diisopropyl ether	5.90	45	129336	20.975	ug/l 95
21) 1,1-Dichloroethane	5.80	63	68751	20.316	ug/l 99
22) cis-1,2-Dichloroethene	6.78	96	39171	20.035	ug/l 99
23) tert-Butyl Alcohol	4.73	59	24916	90.820	ug/l # 100
24) Methyl tert-Butyl Ether	4.99	73	107573	20.437	ug/l 100
25) Chloroform	7.33	83	68754	20.401	ug/l 97
26) Cyclohexane	7.61	56	56967	19.555	ug/l # 98
29) 1,1-Dichloropropene	7.75	75	45554	19.548	ug/l 99
30) 2-Butanone	6.79	43	111045	102.235	ug/l 100
31) 2,2-Dichloropropane	6.77	77	56813	20.057	ug/l 98
32) 1,1,1-Trichloroethane	7.53	97	56575	20.157	ug/l 99
33) Carbon Tetrachloride	7.73	117	46857	19.605	ug/l 98
34) Benzene	8.00	78	148650	19.905	ug/l 97
35) Methacrylonitrile	7.12	41	14879	14.413	ug/l 91
36) 1,2-Dichloroethane	8.08	62	50980	20.009	ug/l 98
37) Trichloroethene	8.80	130	36669	20.050	ug/l 100
38) Methylcyclohexane	9.04	83	55822	19.098	ug/l 99
39) 1,2-Dichloropropane	9.08	63	43550	20.037	ug/l 98
40) Dibromomethane	9.17	93	24534	19.442	ug/l 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.37	83	55235	19.752	ug/l	97
42) Vinyl Acetate	5.84	43	397079	96.503	ug/l	100
43) Ethyl Acetate	6.88	43	39774	19.185	ug/l	100
44) Isopropyl Acetate	8.12	43	68870	19.788	ug/l	100
45) 1,4-Dioxane	9.17	88	12480	382.864	ug/l	99
46) Methyl methacrylate	9.17	41	33683	19.657	ug/l	96
47) n-amyl Acetate	12.05	43	57535	18.626	ug/l	99
48) t-1,3-Dichloropropene	10.35	75	57644	19.518	ug/l	94
49) cis-1,3-Dichloropropene	9.81	75	63004	19.598	ug/l	99
50) 1,1,2-Trichloroethane	10.53	97	39998	20.557	ug/l	97
51) Ethyl methacrylate	10.40	69	50637	19.129	ug/l	97
52) 1,3-Dichloropropane	10.68	76	64957	20.207	ug/l	100
53) Dibromochloromethane	10.87	129	41918	19.633	ug/l	99
54) 1,2-Dibromoethane	10.98	107	36996	19.821	ug/l	99
55) 2-Chloroethyl vinyl ether	9.66	63	39032	71.783	ug/l	99
56) Bromoform	12.10	173	30239	19.341	ug/l	97
58) 4-Methyl-2-Pentanone	9.95	43	221190	100.654	ug/l	100
59) 2-Hexanone	10.72	43	158331	101.002	ug/l	99
61) Tetrachloroethene	10.60	164	33855	20.216	ug/l	97
62) Toluene	10.12	91	162082	20.020	ug/l	100
64) Chlorobenzene	11.40	112	100460	20.054	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.48	131	39125	19.705	ug/l	99
66) Ethyl Benzene	11.48	91	172076	19.498	ug/l	99
67) m/p-Xylenes	11.59	106	132191	39.983	ug/l	99
68) o-Xylene	11.92	106	62651	19.727	ug/l	100
69) Styrene	11.94	104	109956	19.820	ug/l	99
70) Isopropylbenzene	12.22	105	172539	19.971	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.48	83	54789	19.776	ug/l	98
72) 1,2,3-Trichloropropane	12.53	75	66837	27.188	ug/l	62
73) Bromobenzene	12.50	156	45670	19.602	ug/l	99
74) n-propylbenzene	12.57	91	201787	19.471	ug/l	100
75) 2-Chlorotoluene	12.65	91	120879	19.570	ug/l	100
76) 1,3,5-Trimethylbenzene	12.71	105	144875	19.650	ug/l	100
77) t-1,4-Dichloro-2-butene	12.27	75	16500	18.990	ug/l	98
78) 4-Chlorotoluene	12.75	91	125334	19.681	ug/l	99
79) tert-butylbenzene	12.97	119	120959	19.498	ug/l	98
80) 1,2,4-Trimethylbenzene	13.01	105	138027	19.232	ug/l	98
81) sec-Butylbenzene	13.15	105	166628	19.499	ug/l	100
82) p-Isopropyltoluene	13.26	119	144367	19.056	ug/l	100
83) 1,3-Dichlorobenzene	13.26	146	79135	19.454	ug/l	99
84) 1,4-Dichlorobenzene	13.34	146	77009	19.370	ug/l	100
85) n-Butylbenzene	13.59	91	110271	17.515	ug/l	98
86) Hexachloroethane	13.85	117	29138	19.528	ug/l	96
87) 1,2-Dichlorobenzene	13.63	146	76062	19.523	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	14.25	75	8657	19.700	ug/l	99
89) 1,2,4-Trichlorobenzene	14.88	180	34068	17.719	ug/l	99
90) Hexachlorobutadiene	14.98	225	26349	18.516	ug/l	98
91) Naphthalene	15.10	128	72931	17.167	ug/l	98
92) 1,2,3-Trichlorobenzene	15.28	180	34637	18.045	ug/l	98

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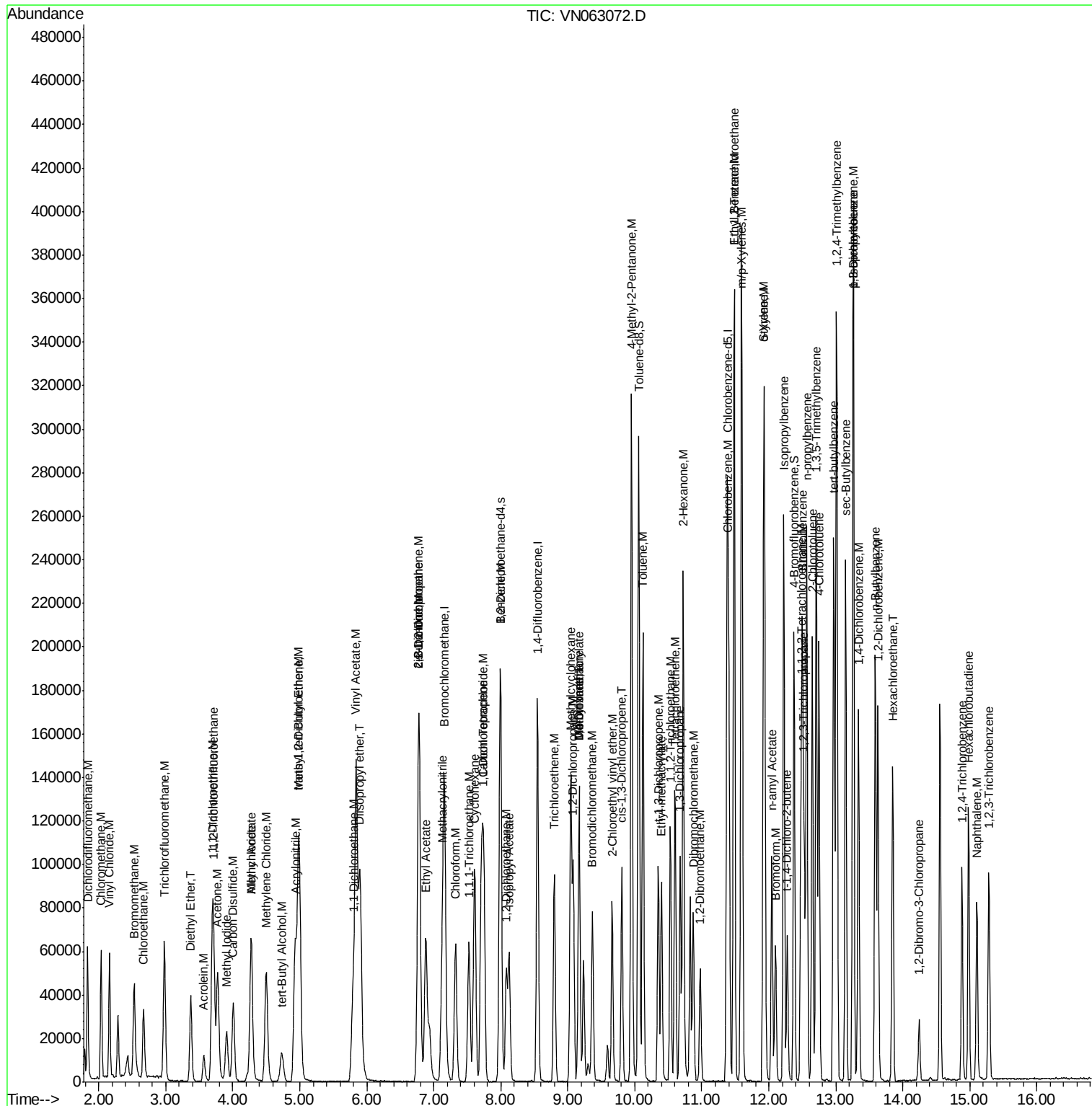
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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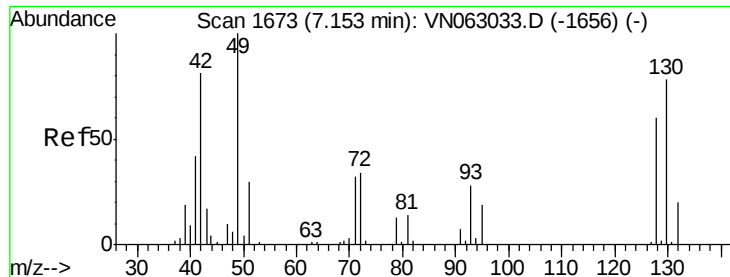
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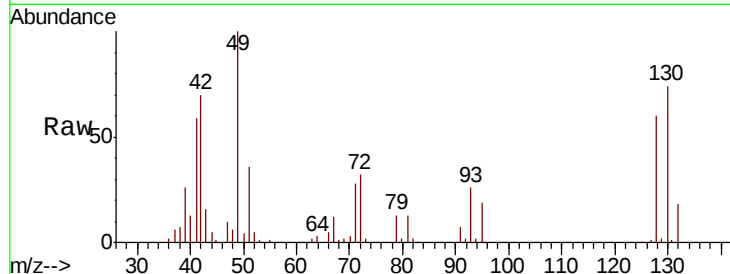




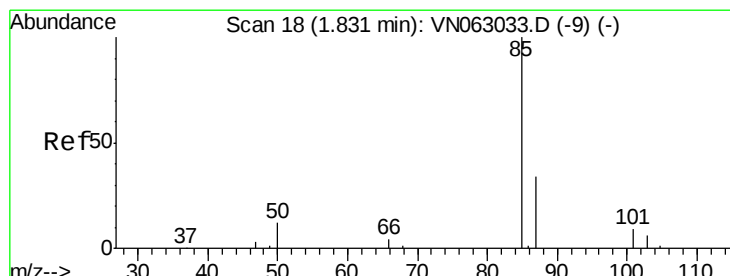
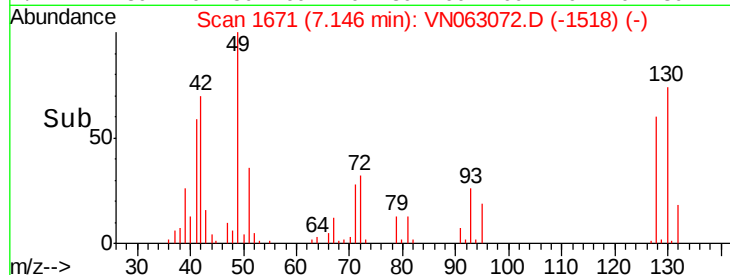
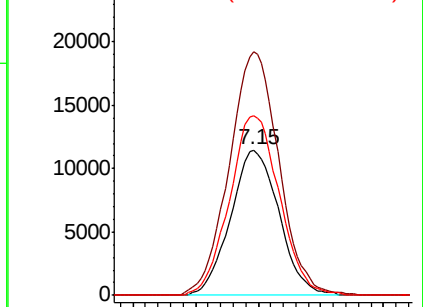
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.15 min Scan# 1671
Delta R.T. -0.01 min
Lab File: VN063072.D
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ClientSampleId :
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Tot Ion:128 Resp: 30746
Ion Ratio Lower Upper
128 100
49 171.9 0.0 437.5
130 127.9 0.0 327.3

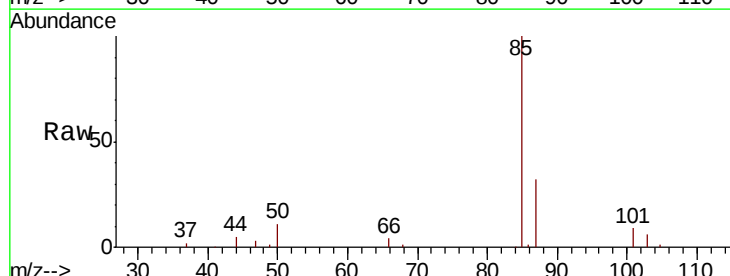


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): VN
Ion 130.00 (129.70 to 130.70): V

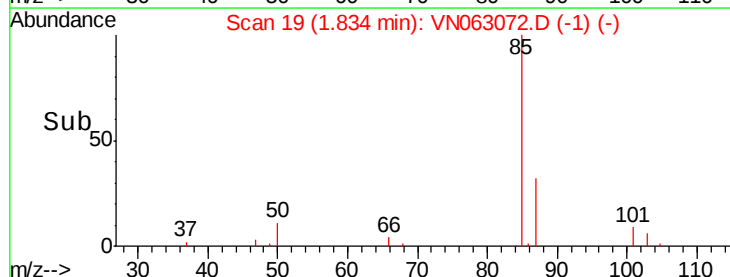
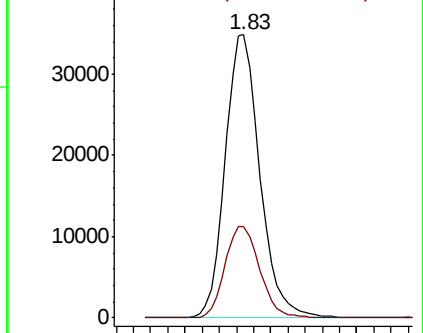


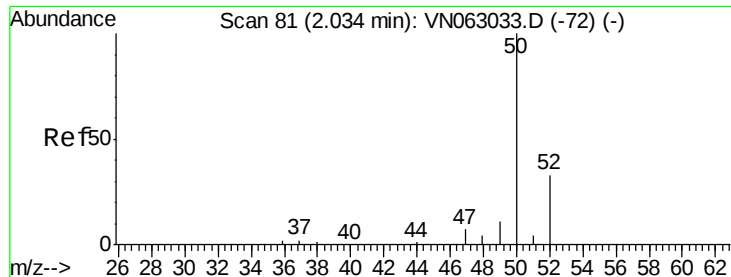
#2
Dichlorodifluoromethane
Concen: 22.192 ug/l
RT: 1.83 min Scan# 19
Delta R.T. 0.00 min
Lab File: VN063072.D
Acq: 21 Aug 2020 11:16

Tgt Ion: 85 Resp: 48784
Ion Ratio Lower Upper
85 100
87 32.1 16.9 50.6



Abundance Ion 85.00 (84.70 to 85.70): VN
Ion 87.00 (86.70 to 87.70): VN

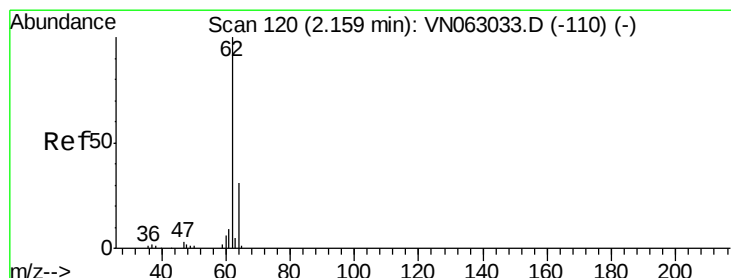
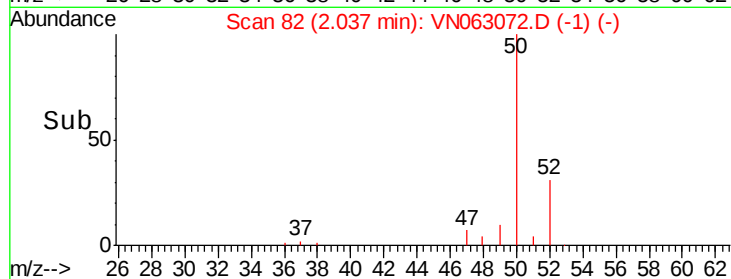
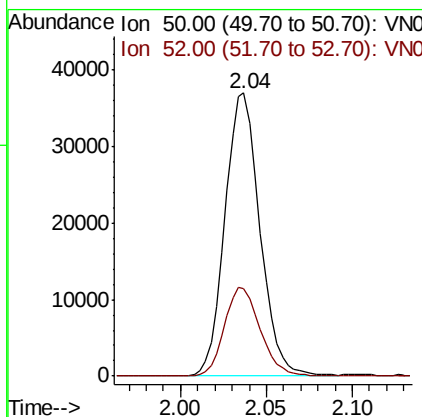
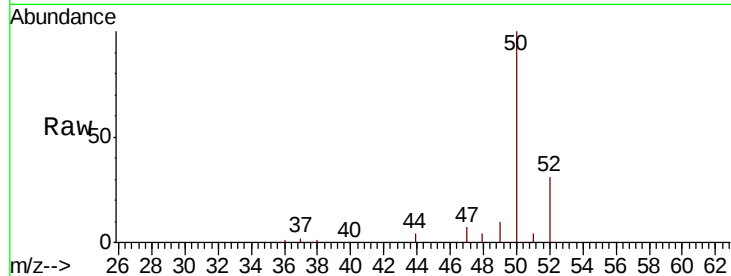




#3
Chloromethane
Concen: 21.483 ug/l
RT: 2.04 min Scan# 82
Delta R.T. 0.00 min
Lab File: VN063072.D
Acq: 21 Aug 2020 11:16

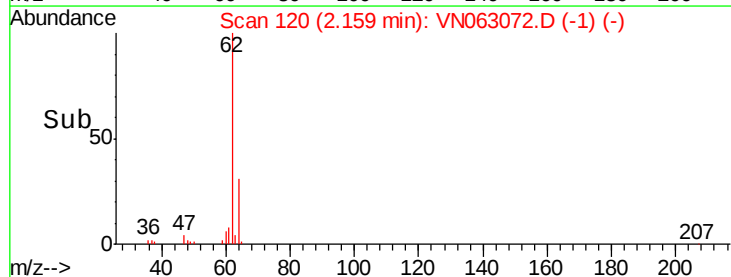
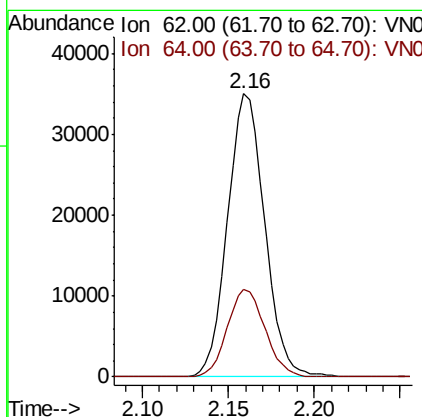
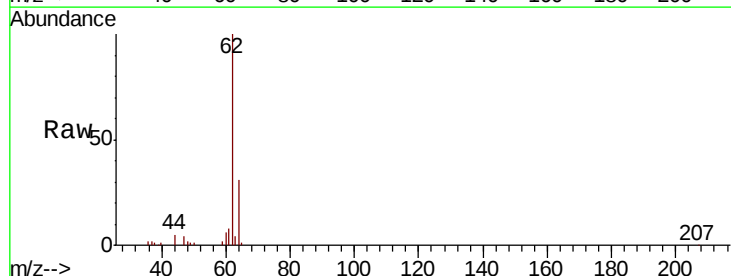
Instrument :
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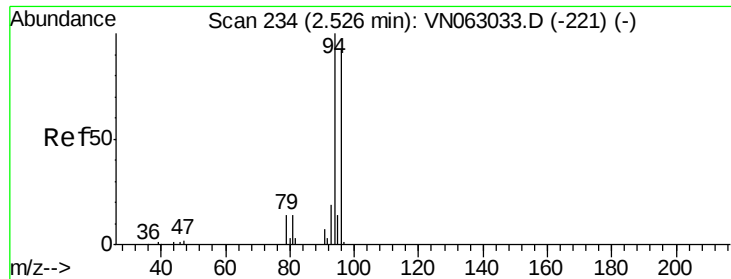
Tot Ion: 50 Resp: 52258
Ion Ratio Lower Upper
50 100
52 31.1 26.0 39.0



#4
Vinyl Chloride
Concen: 21.518 ug/l
RT: 2.16 min Scan# 120
Delta R.T. -0.00 min
Lab File: VN063072.D
Acq: 21 Aug 2020 11:16

Tgt Ion: 62 Resp: 52692
Ion Ratio Lower Upper
62 100
64 31.0 25.0 37.4





#5

Bromomethane

Concen: 20.813 ug/l

RT: 2.53 min Scan# 235

Delta R.T. 0.00 min

Lab File: VN063072.D

Acq: 21 Aug 2020 11:16

Instrument :

MSVOA_N

ClientSampleId :

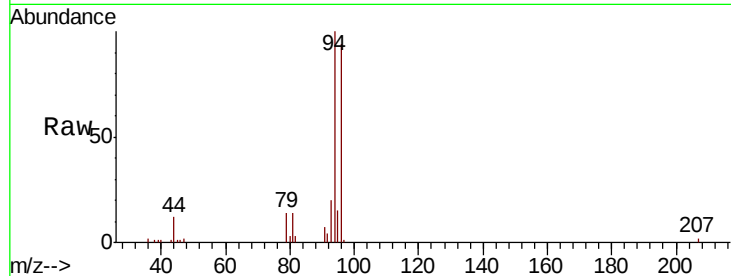
VSTDCCC020

Tot Ion: 94 Resp: 31417

Ion Ratio Lower Upper

94 100

96 94.1 74.0 111.0



Abundance Ion 94.00 (93.70 to 94.70): VN063072.D (-79) (-)

Ion 96.00 (95.70 to 96.70): VN063072.D (-79) (-)

2.53

15000

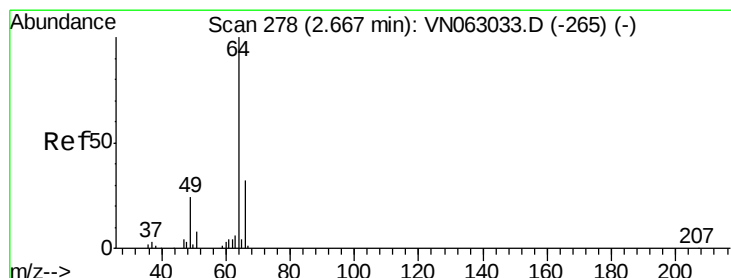
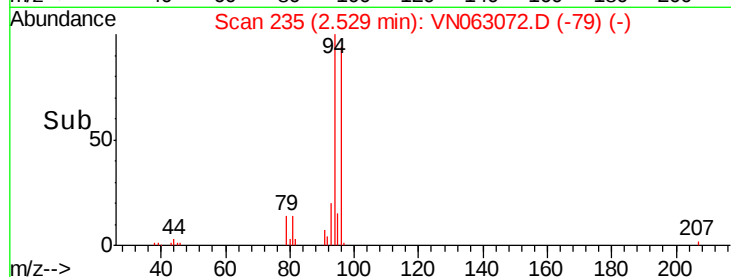
10000

5000

0

Time-->

2.45 2.50 2.55 2.60



#6

Chloroethane

Concen: 21.280 ug/l

RT: 2.67 min Scan# 278

Delta R.T. -0.00 min

Lab File: VN063072.D

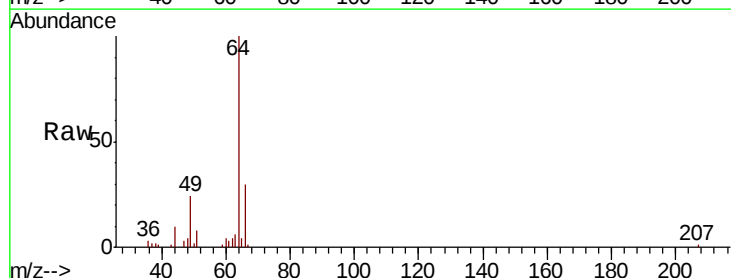
Acq: 21 Aug 2020 11:16

Tgt Ion: 64 Resp: 30798

Ion Ratio Lower Upper

64 100

66 29.8 25.8 38.8



Abundance Ion 64.00 (63.70 to 64.70): VN063072.D (-123) (-)

Ion 66.00 (65.70 to 66.70): VN063072.D (-123) (-)

2.67

15000

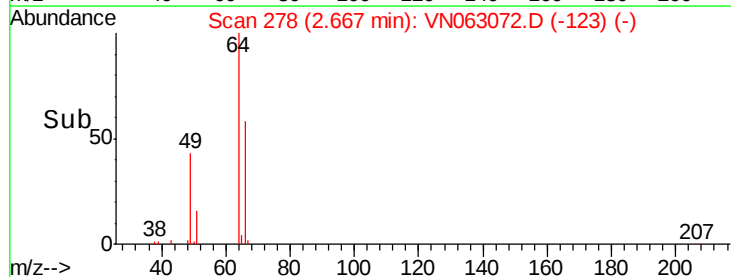
10000

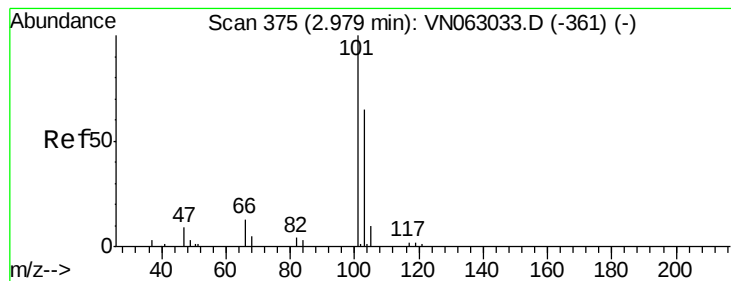
5000

0

Time-->

2.60 2.65 2.70 2.75



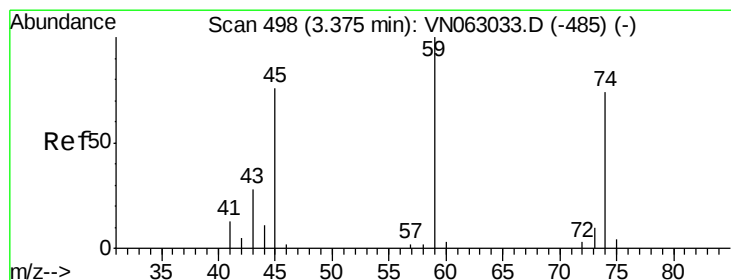
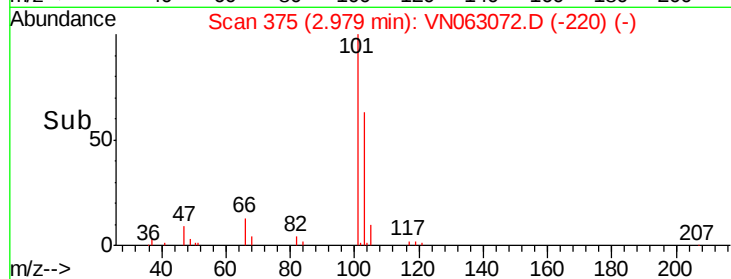
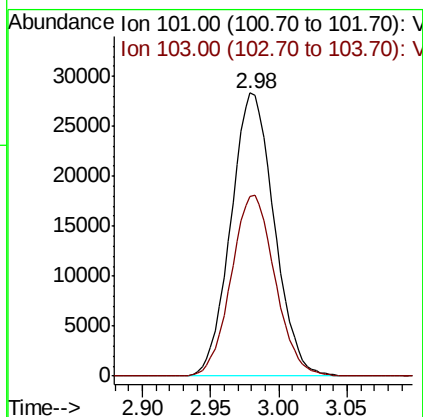
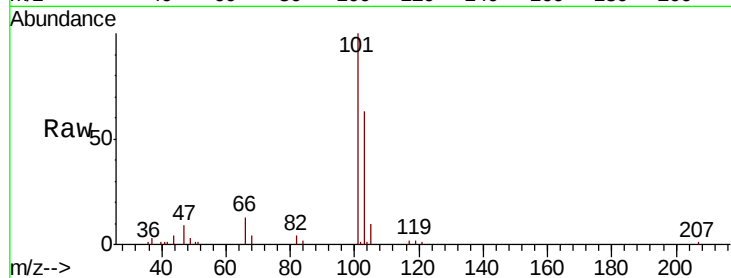


#7

Trichlorofluoromethane
 Concen: 21.189 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. -0.00 min
 Lab File: VN063072.D
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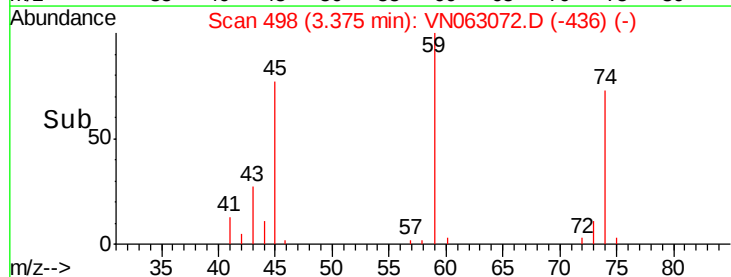
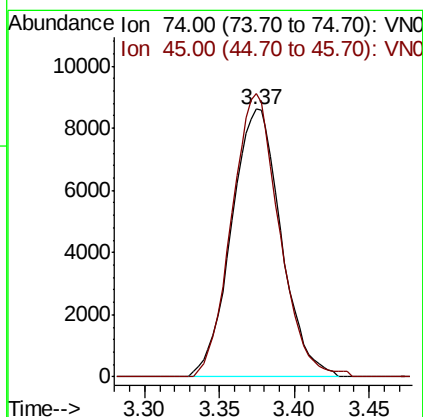
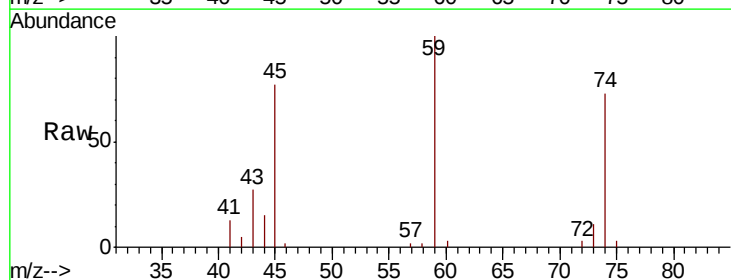
Tot Ion:101 Resp: 62570
 Ion Ratio Lower Upper
 101 100
 103 63.5 51.9 77.9

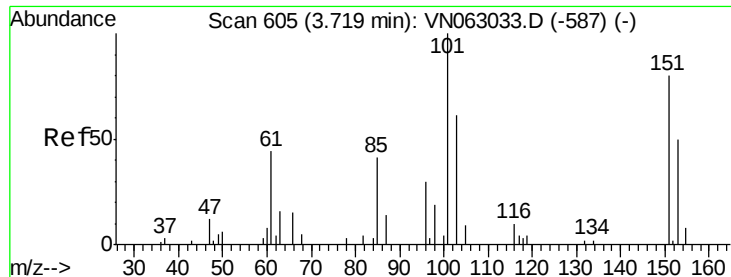


#8

Diethyl Ether
 Concen: 20.200 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. -0.00 min
 Lab File: VN063072.D
 Acq: 21 Aug 2020 11:16

Tgt Ion: 74 Resp: 19839
 Ion Ratio Lower Upper
 74 100
 45 101.5 20.6 185.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.220 ug/l

RT: 3.72 min Scan# 605

Delta R.T. -0.00 min

Lab File: VN063072.D

Acq: 21 Aug 2020 11:16

Instrument :

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ClientSampleId :

VSTDCCC020

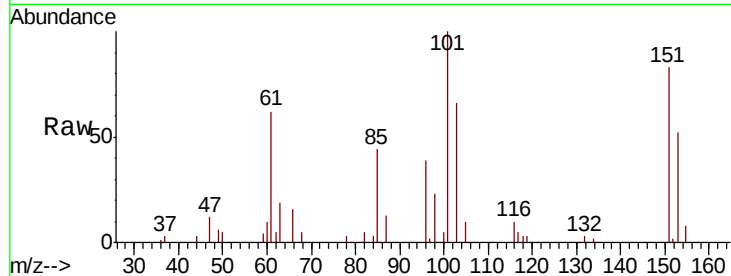
Tot Ion:101 Resp: 32286

Ion Ratio Lower Upper

101 100

85 44.3 0.0 85.0

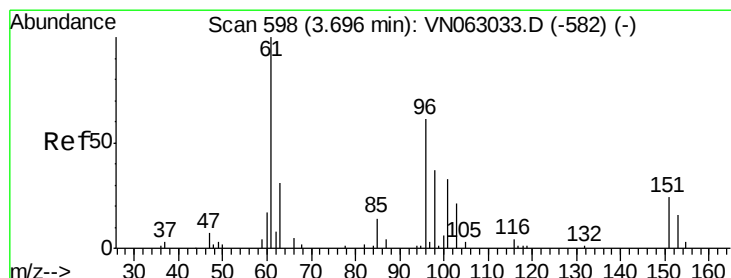
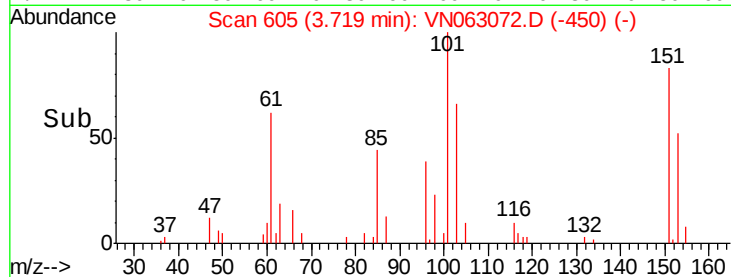
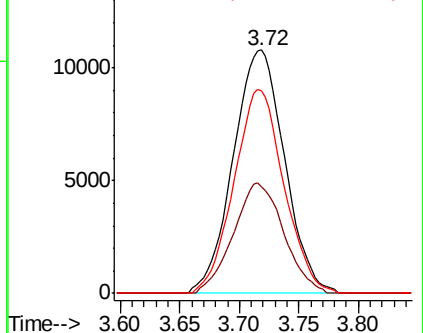
151 81.4 0.0 161.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VNO

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 19.883 ug/l

RT: 3.69 min Scan# 597

Delta R.T. -0.00 min

Lab File: VN063072.D

Acq: 21 Aug 2020 11:16

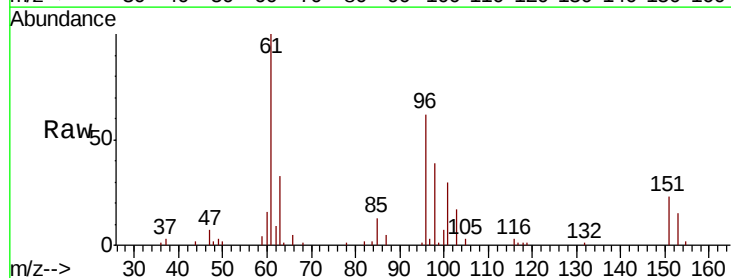
Tgt Ion: 96 Resp: 28527

Ion Ratio Lower Upper

96 100

61 160.5 130.8 196.2

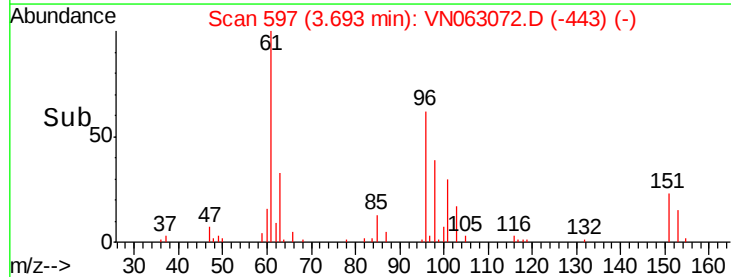
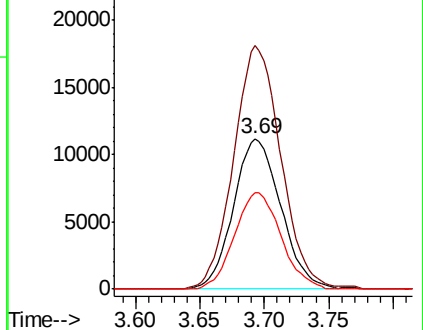
98 63.9 49.0 73.4

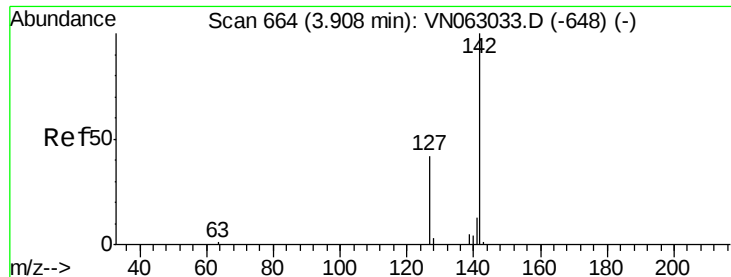


Abundance Ion 96.00 (95.70 to 96.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 98.00 (97.70 to 98.70): VNO

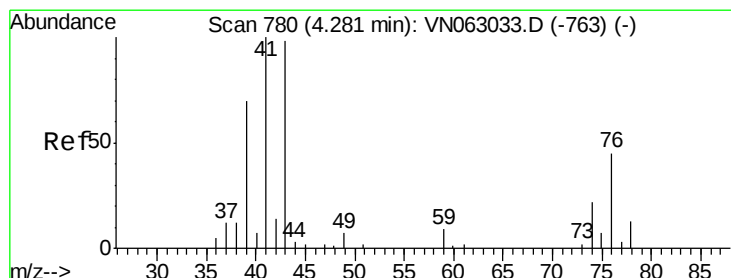
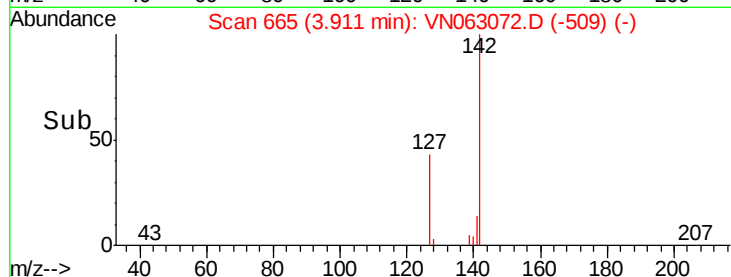
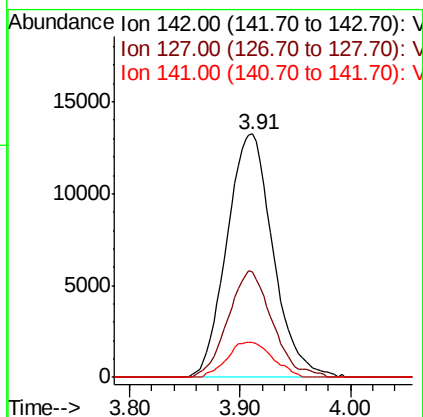
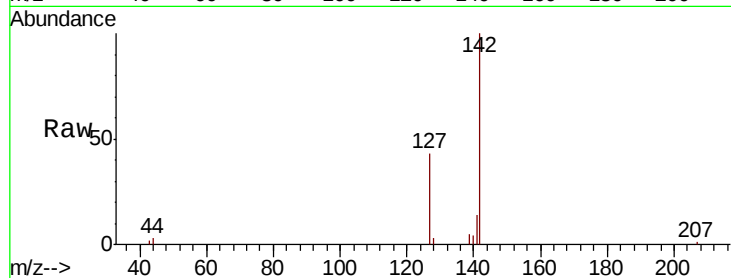




#11
Methyl Iodide
Concen: 19.477 ug/l
RT: 3.91 min Scan# 665
Delta R.T. 0.00 min
Lab File: VN063072.D
Acq: 21 Aug 2020 11:16

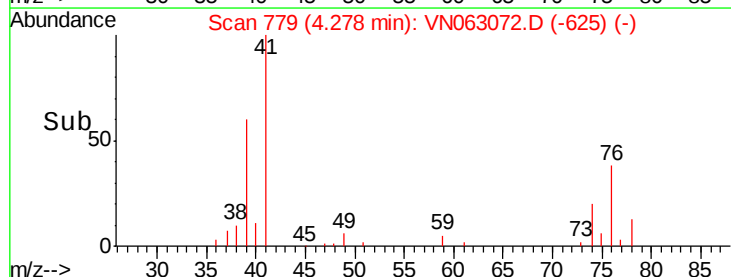
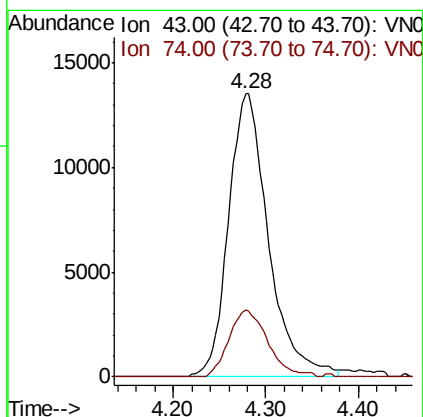
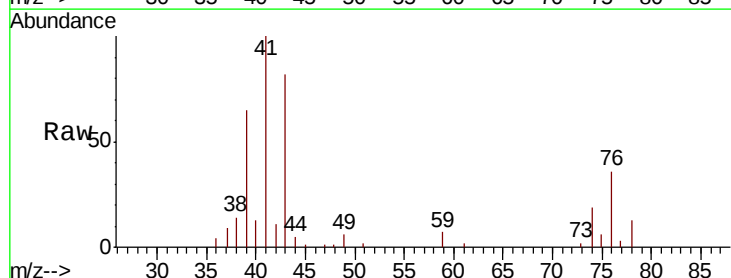
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

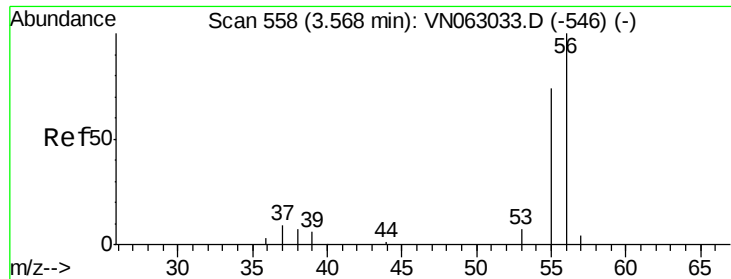
Tot Ion:142 Resp: 38341
Ion Ratio Lower Upper
142 100
127 43.2 20.9 62.8
141 14.4 6.7 20.1



#12
Methyl Acetate
Concen: 21.144 ug/l
RT: 4.28 min Scan# 779
Delta R.T. -0.00 min
Lab File: VN063072.D
Acq: 21 Aug 2020 11:16

Tgt Ion: 43 Resp: 40438
Ion Ratio Lower Upper
43 100
74 23.9 18.6 27.8





#13

Acrolein

Concen: 74.114 ug/l

RT: 3.57 min Scan# 558

Delta R.T. -0.00 min

Lab File: VN063072.D

Acq: 21 Aug 2020 11:16

Instrument :

MSVOA_N

ClientSampleId :

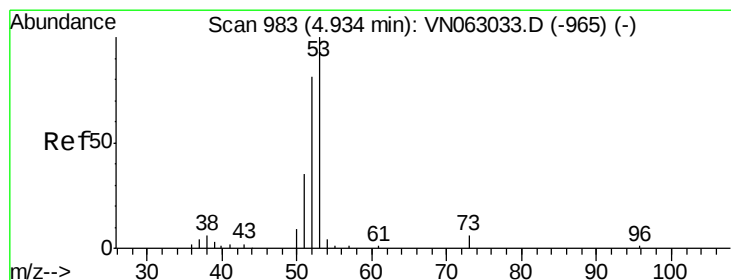
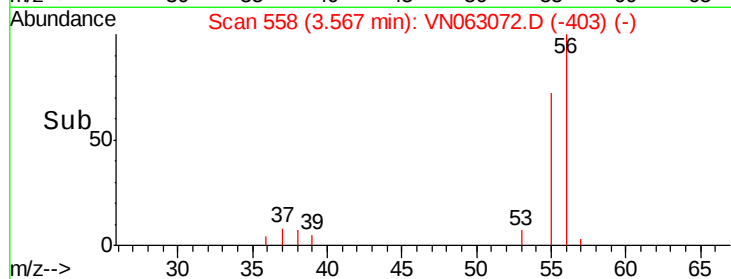
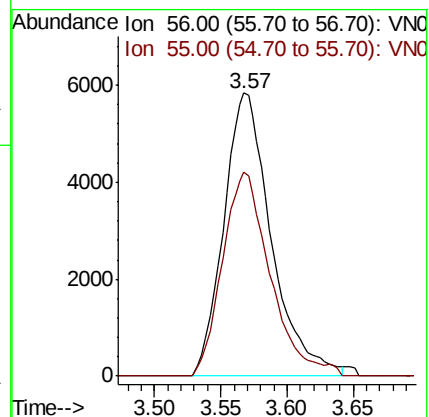
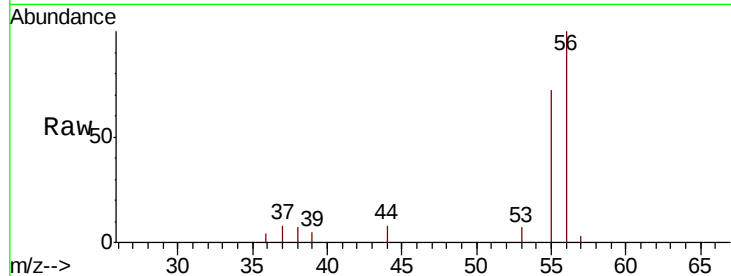
VSTDCCC020

Tot Ion: 56 Resp: 14527

Ion Ratio Lower Upper

56 100

55 71.6 58.7 88.1



#14

Acrylonitrile

Concen: 102.664 ug/l

RT: 4.93 min Scan# 982

Delta R.T. -0.00 min

Lab File: VN063072.D

Acq: 21 Aug 2020 11:16

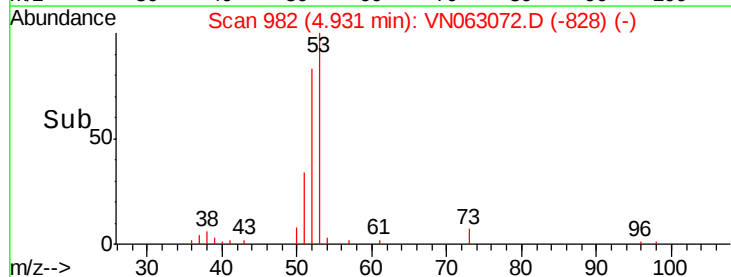
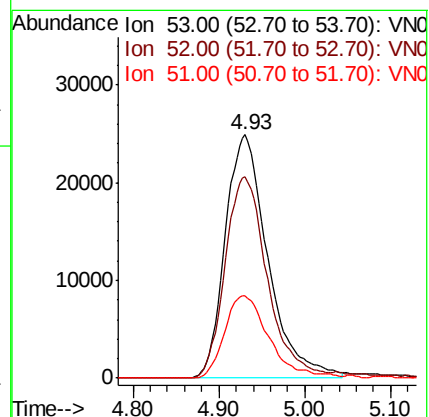
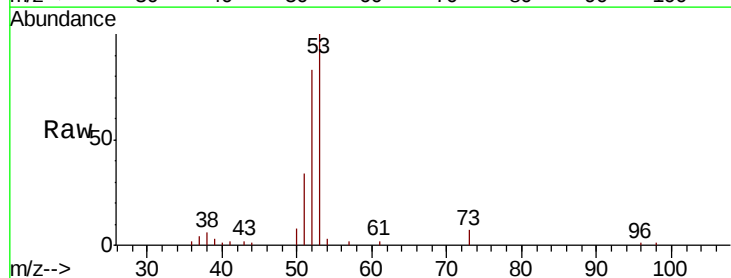
Tgt Ion: 53 Resp: 85972

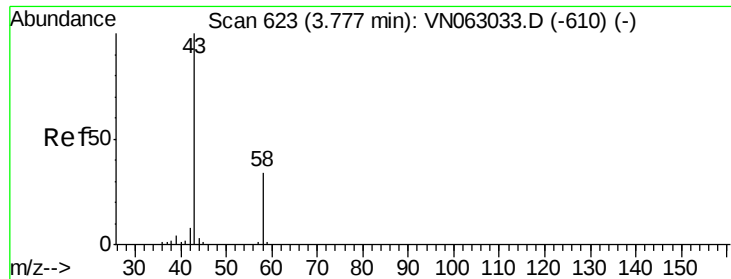
Ion Ratio Lower Upper

53 100

52 81.5 39.9 119.7

51 34.6 17.0 51.0





#15

Acetone

Concen: 112.551 ug/l

RT: 3.78 min Scan# 623

Delta R.T. -0.00 min

Lab File: VN063072.D

Acq: 21 Aug 2020 11:16

Instrument :

MSVOA_N

ClientSampleId :

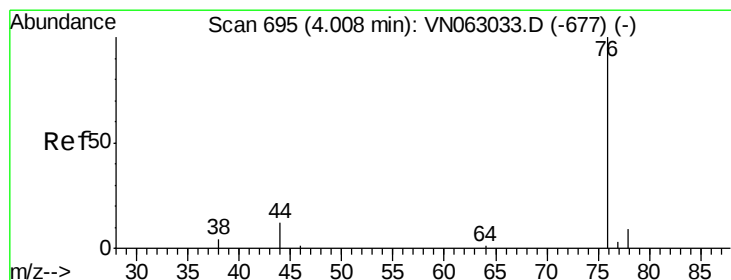
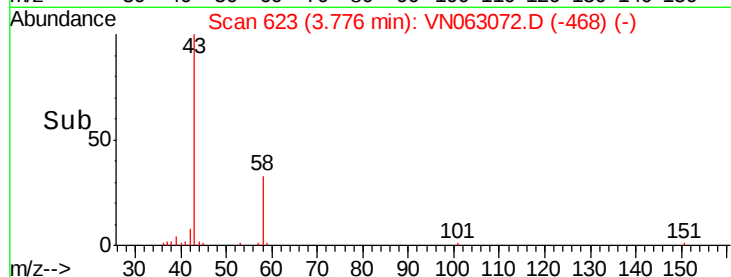
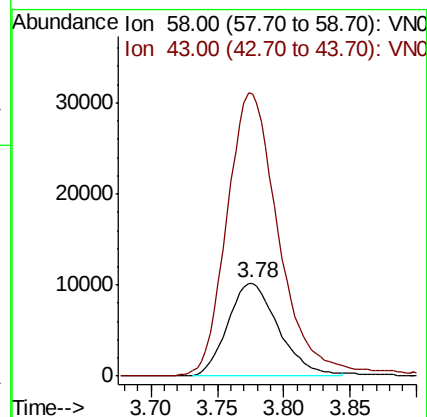
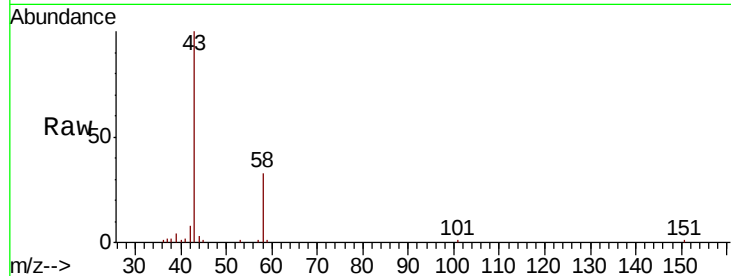
VSTDCCC020

Tot Ion: 58 Resp: 27278

Ion Ratio Lower Upper

58 100

43 298.4 233.2 349.8



#16

Carbon Disulfide

Concen: 19.455 ug/l

RT: 4.01 min Scan# 695

Delta R.T. -0.00 min

Lab File: VN063072.D

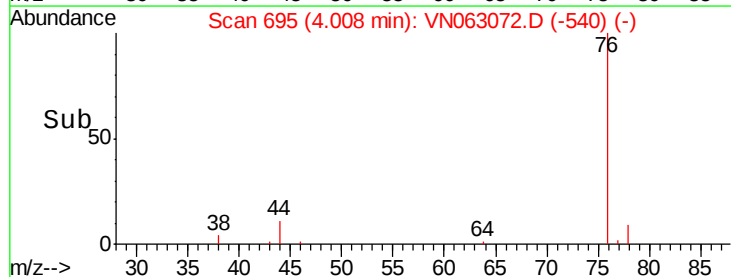
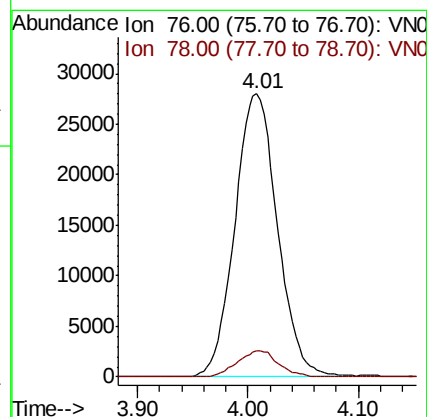
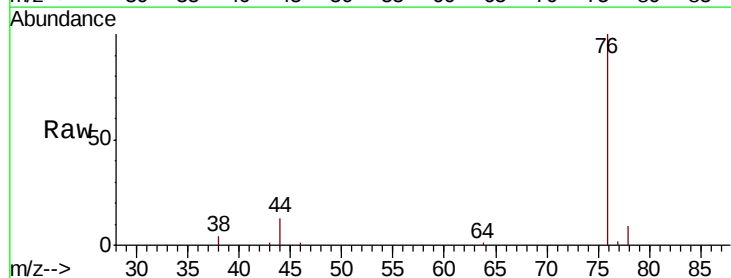
Acq: 21 Aug 2020 11:16

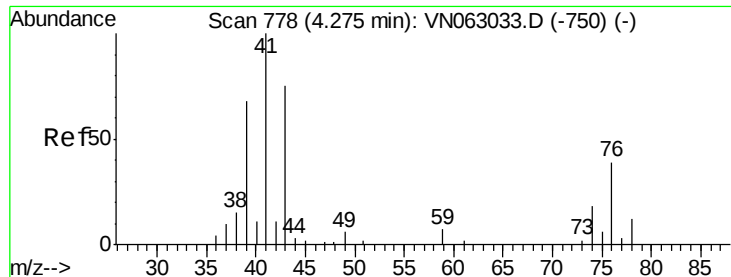
Tgt Ion: 76 Resp: 74937

Ion Ratio Lower Upper

76 100

78 9.2 7.0 10.4

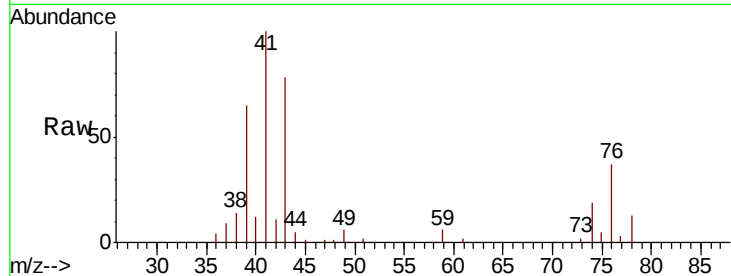




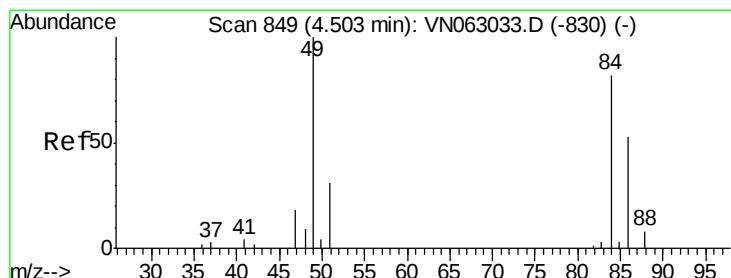
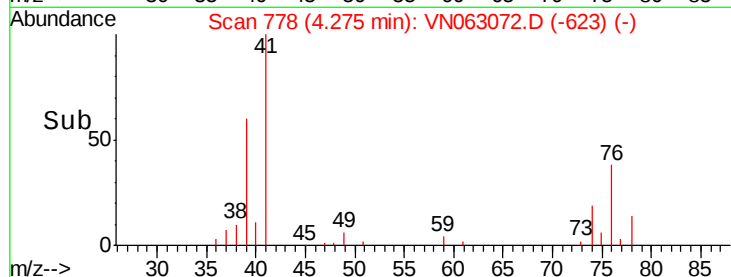
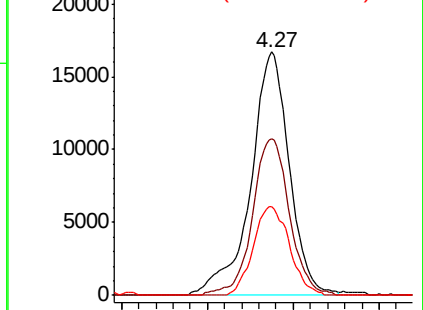
#17
Allvl chloride
Concen: 19.841 ug/l
RT: 4.27 min Scan# 778
Delta R.T. -0.00 min
Lab File: VN063072.D
Acq: 21 Aug 2020 11:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion: 41 Resp: 52236
Ion Ratio Lower Upper
41 100
39 64.5 33.8 101.4
76 36.5 19.4 58.4

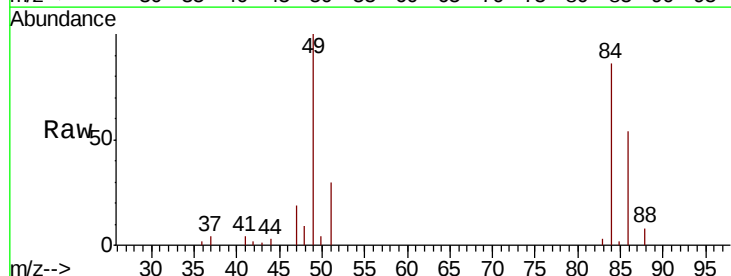


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 76.00 (75.70 to 76.70): VN0

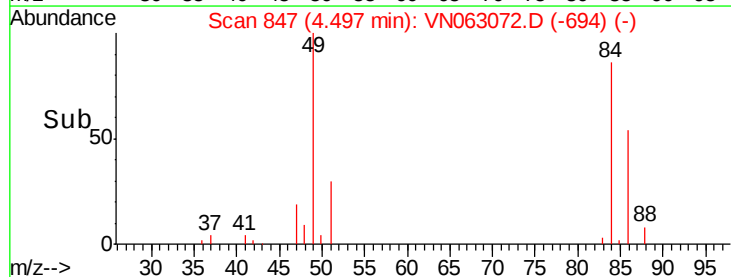
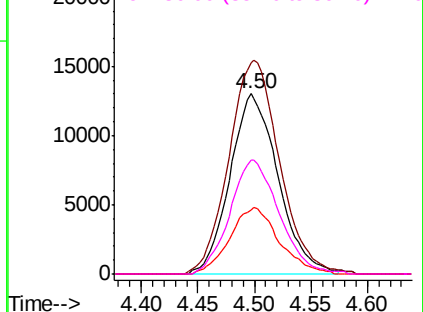


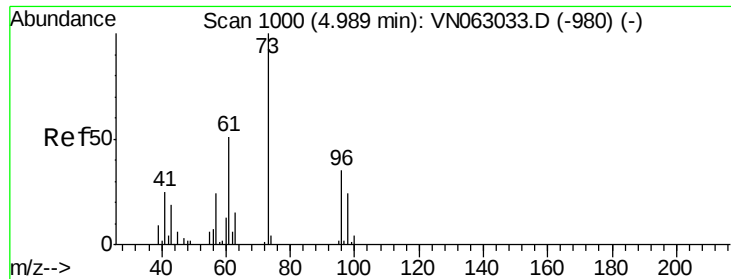
#18
Methylene Chloride
Concen: 19.192 ug/l
RT: 4.50 min Scan# 847
Delta R.T. -0.01 min
Lab File: VN063072.D
Acq: 21 Aug 2020 11:16

Tgt Ion: 84 Resp: 38526
Ion Ratio Lower Upper
84 100
49 115.4 97.8 146.8
51 35.3 30.7 46.1
86 62.8 51.5 77.3



Abundance Ion 84.00 (83.70 to 84.70): VN0
Ion 49.00 (48.70 to 49.70): VN0
Ion 51.00 (50.70 to 51.70): VN0
Ion 86.00 (85.70 to 86.70): VN0

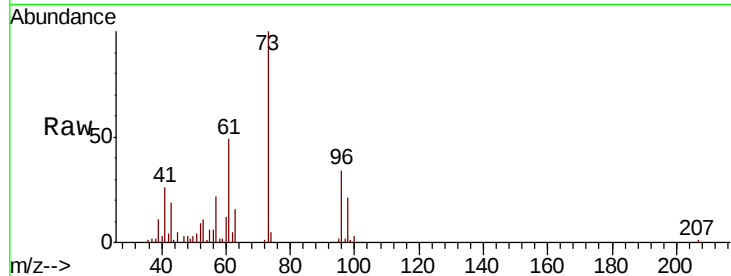




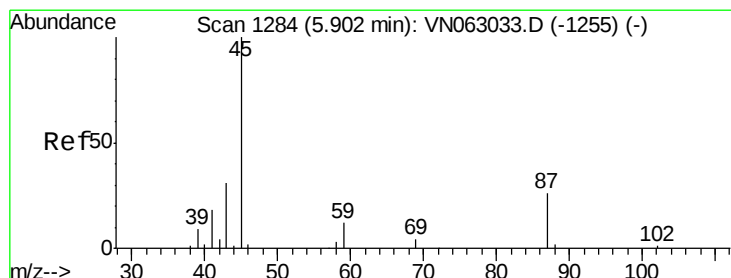
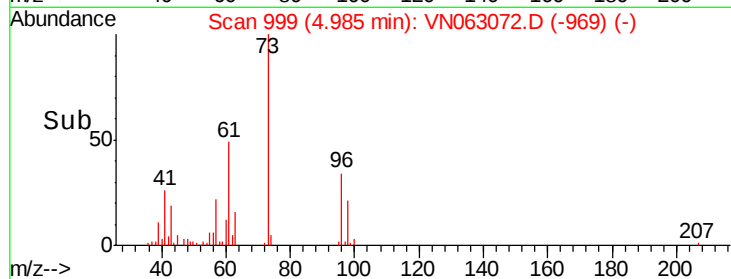
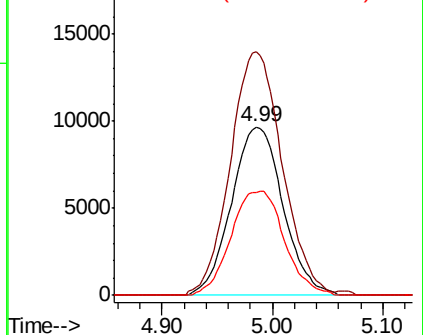
#19
trans-1,2-Dichloroethene
Concen: 19.852 ug/l
RT: 4.99 min Scan# 999
Delta R.T. -0.00 min
Lab File: VN063072.D
Acq: 21 Aug 2020 11:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion: 96 Resp: 31320
Ion Ratio Lower Upper
96 100
61 142.6 115.9 173.9
98 61.2 53.3 79.9

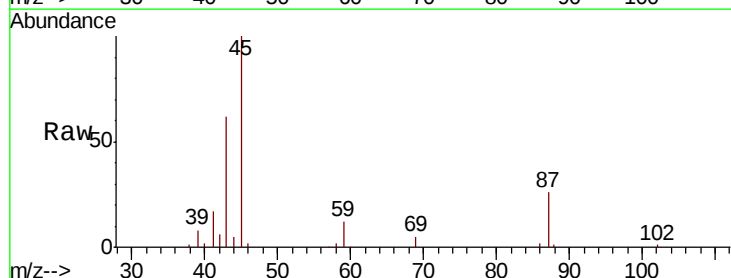


Abundance Ion 96.00 (95.70 to 96.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

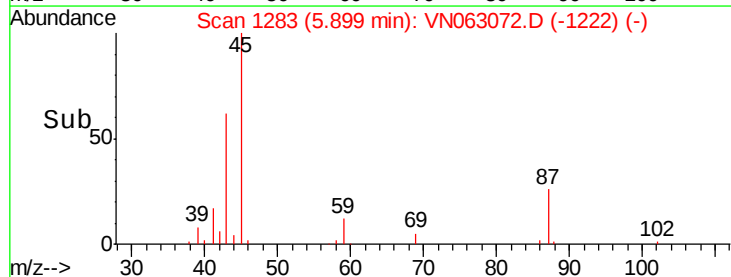
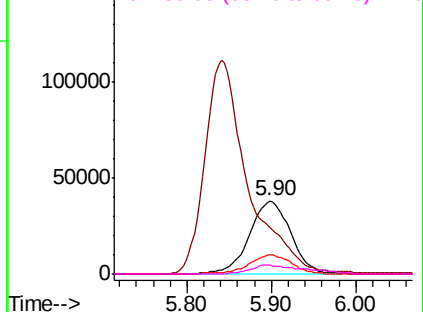


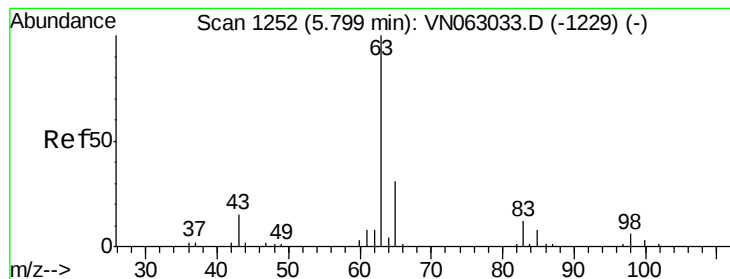
#20
Diisopropyl ether
Concen: 20.975 ug/l
RT: 5.90 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VN063072.D
Acq: 21 Aug 2020 11:16

Tgt Ion: 45 Resp: 129336
Ion Ratio Lower Upper
45 100
43 58.8 51.8 77.6
87 25.9 21.8 32.6
59 11.7 9.6 14.4



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0





#21

1,1-Dichloroethane

Concen: 20.316 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN063072.D

Acq: 21 Aug 2020 11:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

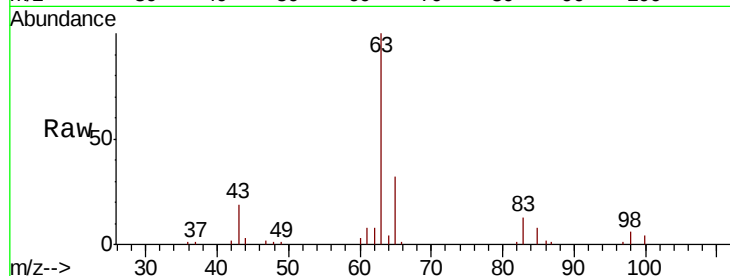
Tot Ion: 63 Resp: 68751

Ion Ratio Lower Upper

63 100

98 6.3 3.1 9.3

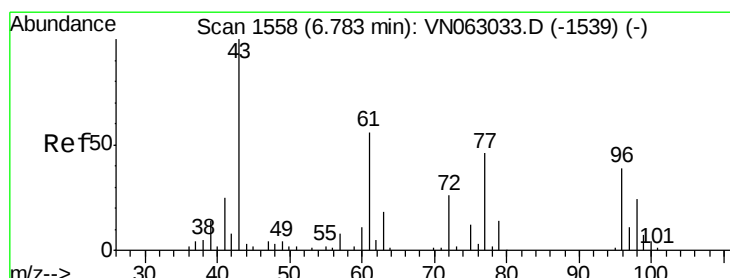
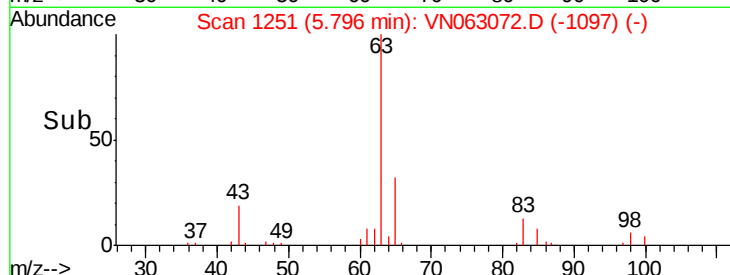
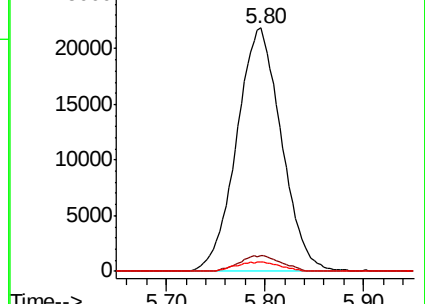
100 3.8 1.8 5.3



Abundance Ion 63.00 (62.70 to 63.70): VN063072.D (-1097) (-)

Ion 98.00 (97.70 to 98.70): VN063072.D (-1097) (-)

Ion 100.00 (99.70 to 100.70): VN063072.D (-1097) (-)



#22

cis-1,2-Dichloroethene

Concen: 20.035 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. -0.01 min

Lab File: VN063072.D

Acq: 21 Aug 2020 11:16

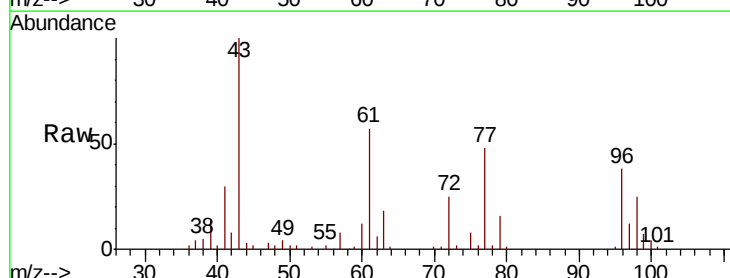
Tgt Ion: 96 Resp: 39171

Ion Ratio Lower Upper

96 100

61 152.0 120.9 181.3

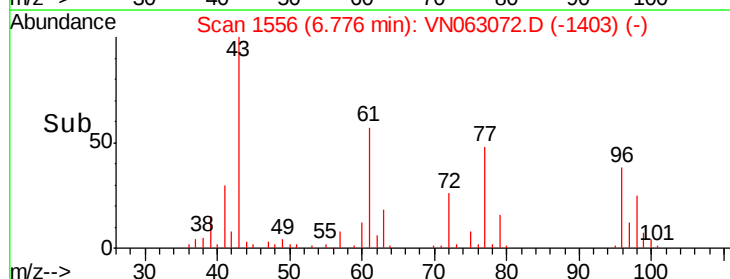
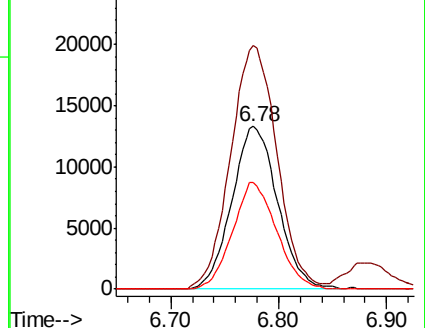
98 63.3 50.3 75.5

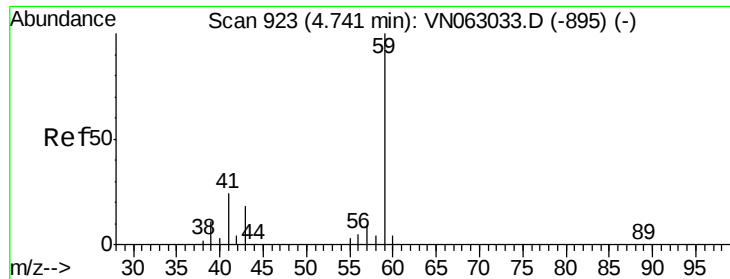


Abundance Ion 96.00 (95.70 to 96.70): VN063072.D (-1403) (-)

Ion 61.00 (60.70 to 61.70): VN063072.D (-1403) (-)

Ion 98.00 (97.70 to 98.70): VN063072.D (-1403) (-)





#23

tert-Butyl Alcohol

Concen: 90.820 ug/l

RT: 4.73 min Scan# 920

Delta R.T. -0.01 min

Lab File: VN063072.D

Acq: 21 Aug 2020 11:16

Instrument :

MSVOA_N

ClientSampleId :

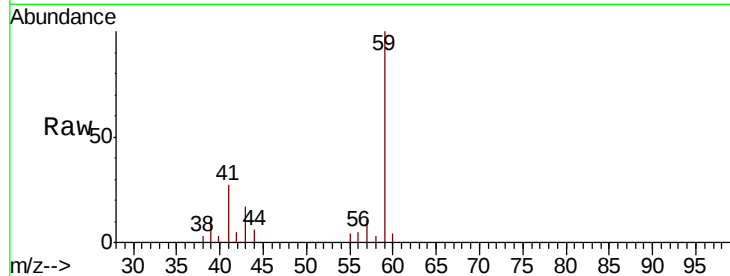
VSTDCCC020

Tot Ion: 59 Resp: 24916

Ion Ratio Lower Upper

59 100

52 0.0 0.0 0.0



Abundance Ion 59.00 (58.70 to 59.70): VN063033.D (-895) (-)

Ion 52.00 (51.70 to 52.70): VN063033.D (-895) (-)

4.73

6000

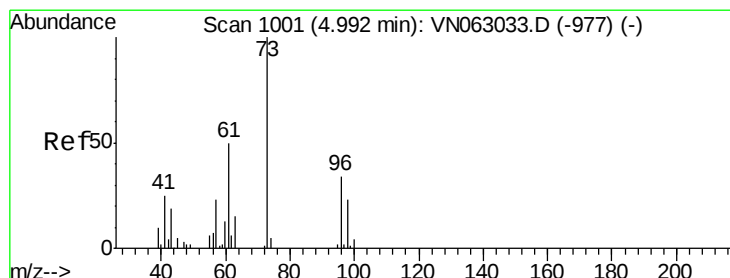
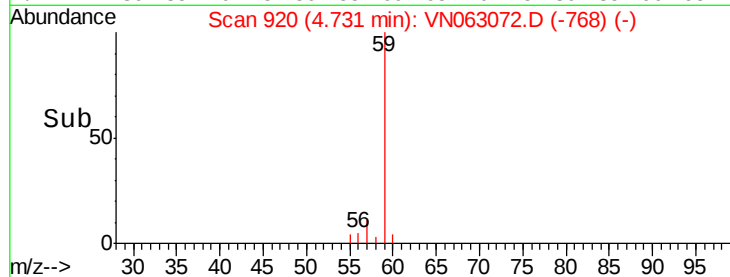
4000

2000

0

Time-->

4.60 4.70 4.80



#24

Methyl tert-Butyl Ether

Concen: 20.437 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VN063072.D

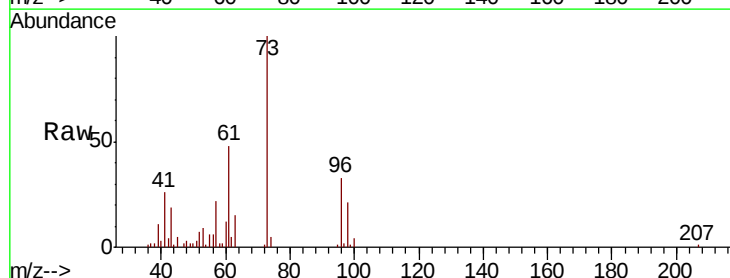
Acq: 21 Aug 2020 11:16

Tgt Ion: 73 Resp: 107573

Ion Ratio Lower Upper

73 100

43 19.7 15.8 23.6



Abundance Ion 73.00 (72.70 to 73.70): VN063033.D (-977) (-)

Ion 43.00 (42.70 to 43.70): VN063033.D (-977) (-)

4.99

30000

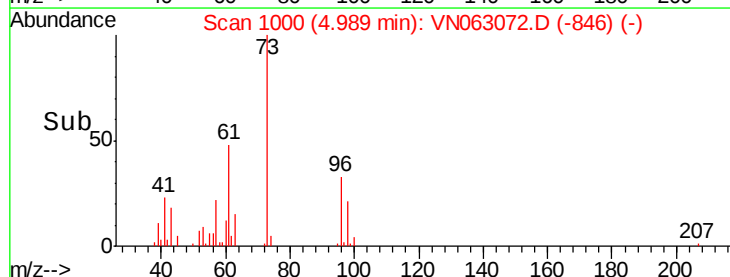
20000

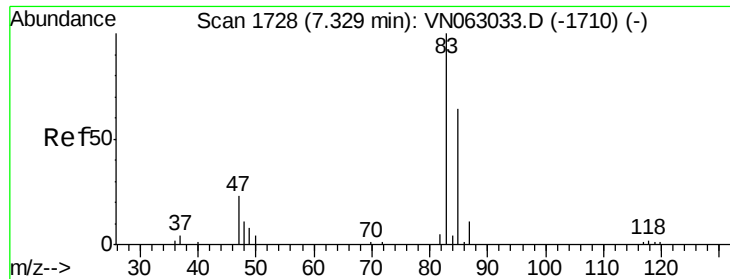
10000

0

Time-->

4.90 5.00 5.10

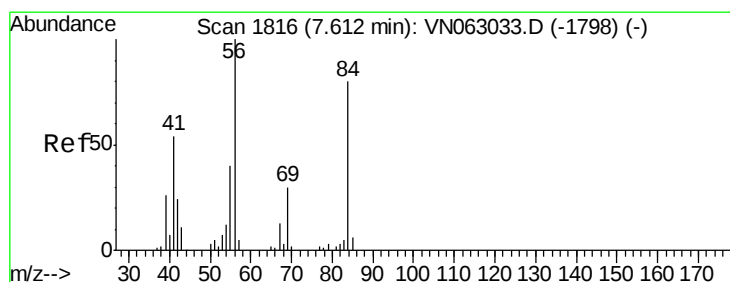
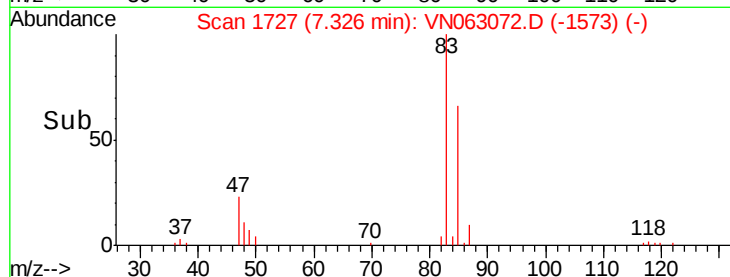
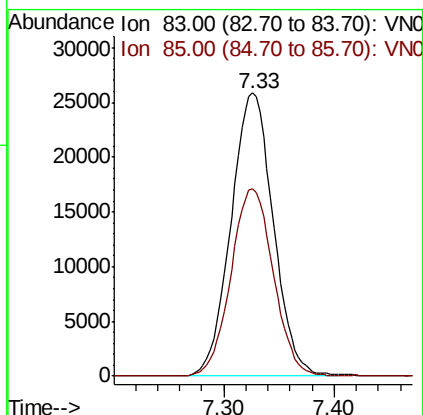
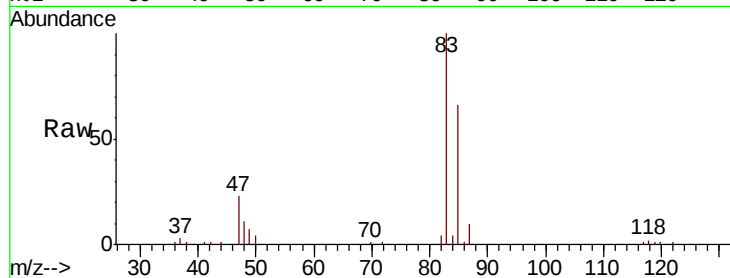




#25
Chloroform
Concen: 20.401 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN063072.D
Acq: 21 Aug 2020 11:16

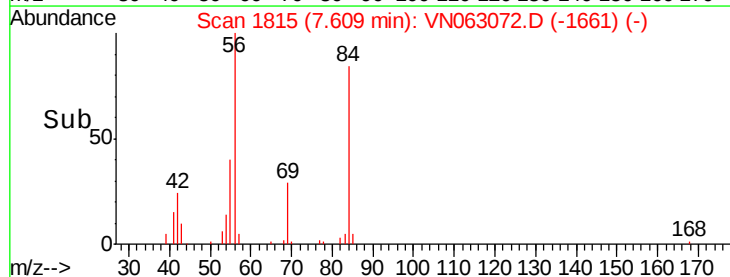
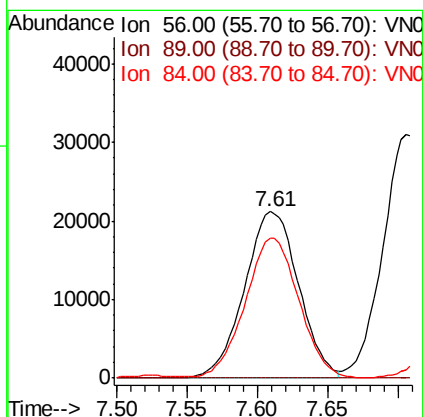
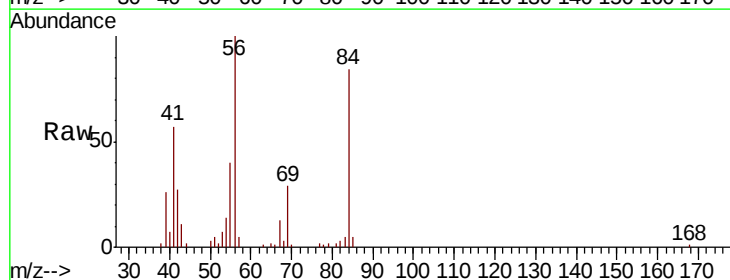
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

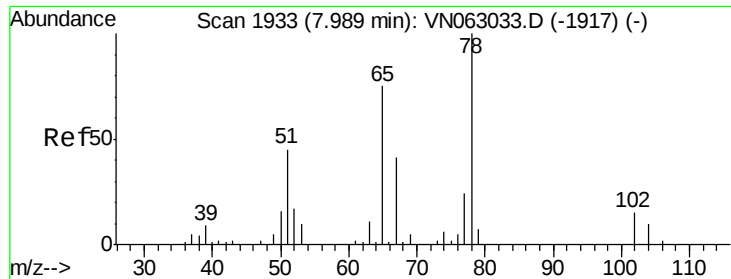
Tot Ion: 83 Resp: 68754
Ion Ratio Lower Upper
83 100
85 66.2 51.0 76.4



#26
Cyclohexane
Concen: 19.555 ug/l
RT: 7.61 min Scan# 1815
Delta R.T. -0.00 min
Lab File: VN063072.D
Acq: 21 Aug 2020 11:16

Tgt Ion: 56 Resp: 56967
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 83.4 65.0 97.4





#27

1,2-Dichloroethane-d4

Concen: 30.029 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN063072.D

Acq: 21 Aug 2020 11:16

Instrument :

MSVOA_N

ClientSampleId :

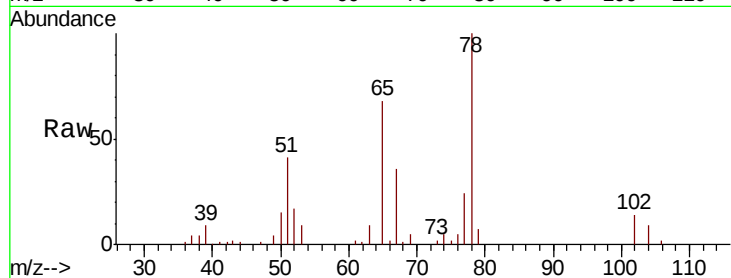
VSTDCCC020

Tot Ion: 65 Resp: 65417

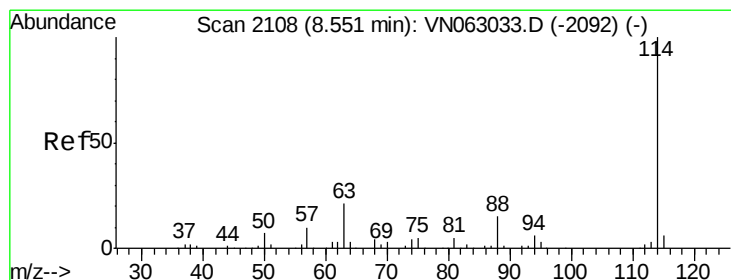
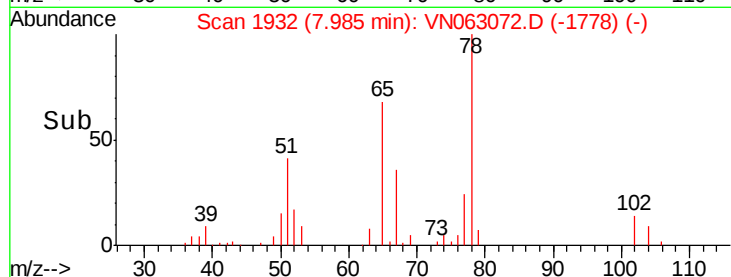
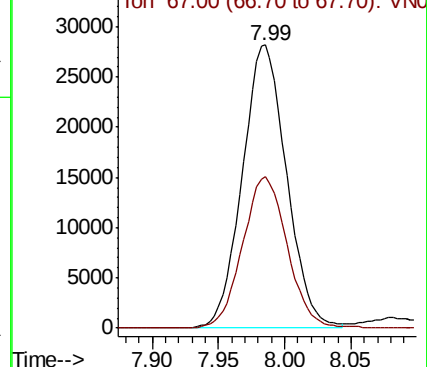
Ion Ratio Lower Upper

65 100

67 53.9 43.8 65.6



Abundance Ion 65.00 (64.70 to 65.70): VN063033.D (-1917) (-)



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.55 min Scan# 2107

Delta R.T. -0.00 min

Lab File: VN063072.D

Acq: 21 Aug 2020 11:16

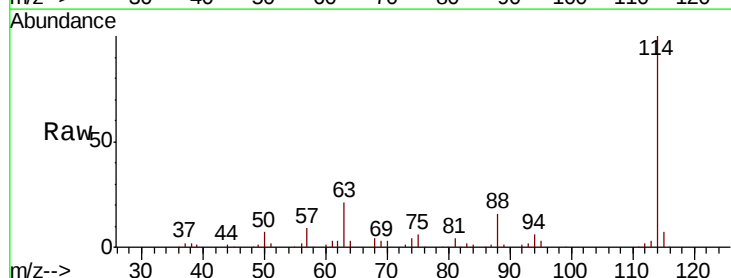
Tgt Ion: 114 Resp: 160468

Ion Ratio Lower Upper

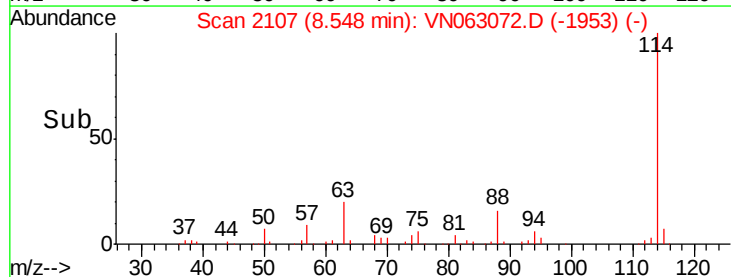
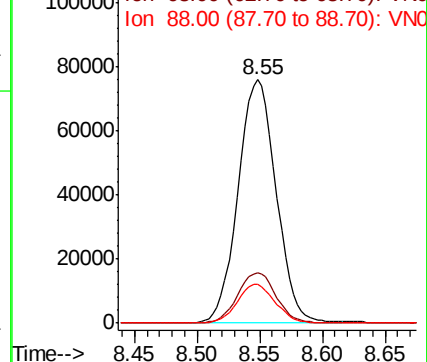
114 100

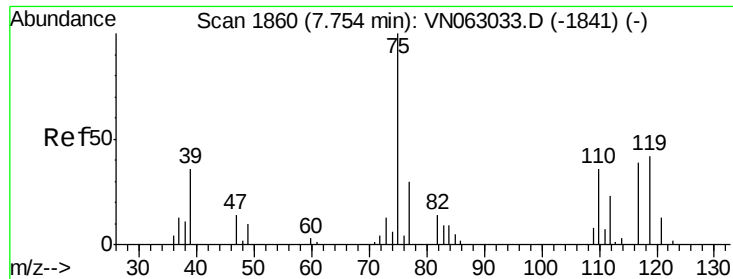
63 20.9 17.0 25.6

88 15.8 12.6 18.8



Abundance Ion 114.00 (113.70 to 114.70): VN063033.D (-2092) (-)





#29

1,1-Dichloropropene

Concen: 19.548 ug/l

RT: 7.75 min Scan# 1859

Delta R.T. -0.00 min

Lab File: VN063072.D

Acq: 21 Aug 2020 11:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

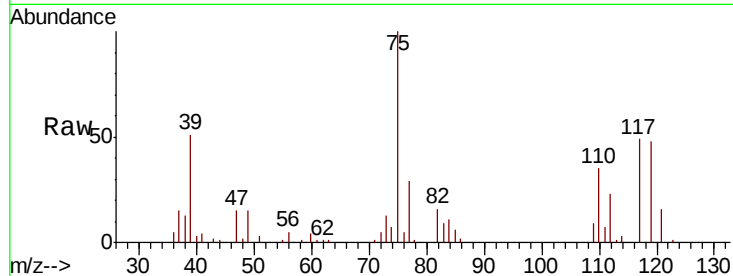
Tot Ion: 75 Resp: 45554

Ion Ratio Lower Upper

75 100

110 35.1 0.0 70.6

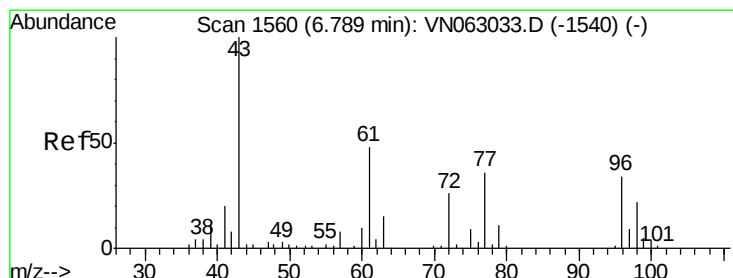
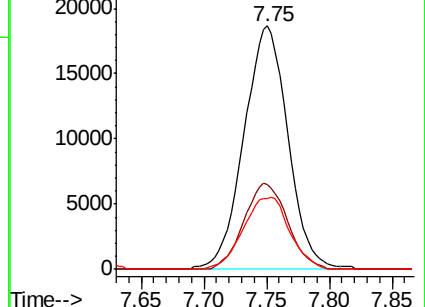
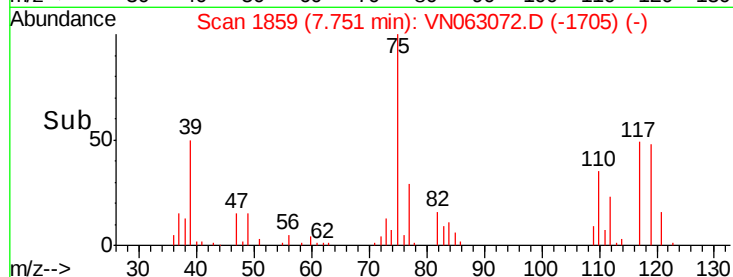
77 31.2 0.0 60.2



Abundance Ion 75.00 (74.70 to 75.70): VN063033.D (-1841) (-)

Ion 110.00 (109.70 to 110.70): VN063033.D (-1841) (-)

Ion 77.00 (76.70 to 77.70): VN063033.D (-1841) (-)



#30

2-Butanone

Concen: 102.235 ug/l

RT: 6.79 min Scan# 1559

Delta R.T. -0.00 min

Lab File: VN063072.D

Acq: 21 Aug 2020 11:16

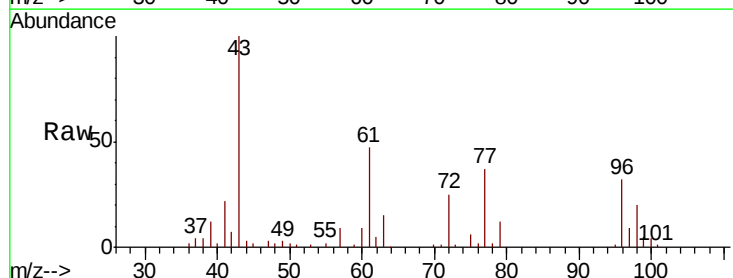
Tgt Ion: 43 Resp: 111045

Ion Ratio Lower Upper

43 100

57 8.2 6.6 9.8

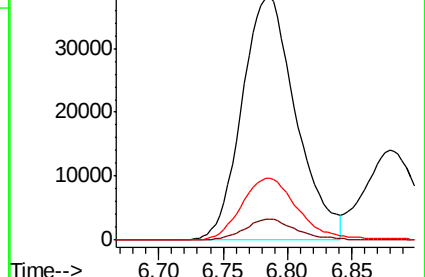
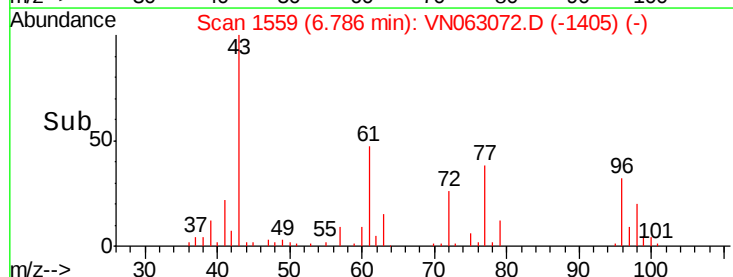
72 26.6 21.3 31.9

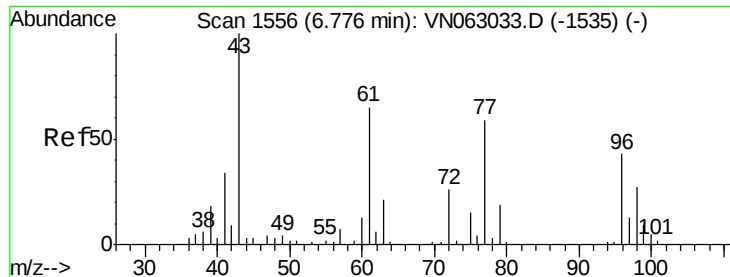


Abundance Ion 43.00 (42.70 to 43.70): VN063033.D (-1540) (-)

Ion 57.00 (56.70 to 57.70): VN063033.D (-1540) (-)

Ion 72.00 (71.70 to 72.70): VN063033.D (-1540) (-)





#31

2,2-Dichloropropane

Concen: 20.057 ug/l

RT: 6.77 min Scan# 1554

Delta R.T. -0.01 min

Lab File: VN063072.D

Acq: 21 Aug 2020 11:16

Instrument :

MSVOA_N

ClientSampleId :

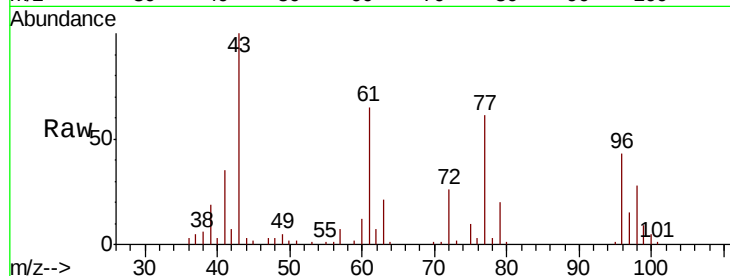
VSTDCCC020

Tot Ion: 77 Resp: 56813

Ion Ratio Lower Upper

77 100

97 23.8 18.2 27.4



Abundance Ion 77.00 (76.70 to 77.70): VN0

Ion 97.00 (96.70 to 97.70): VN0

6.77

20000

15000

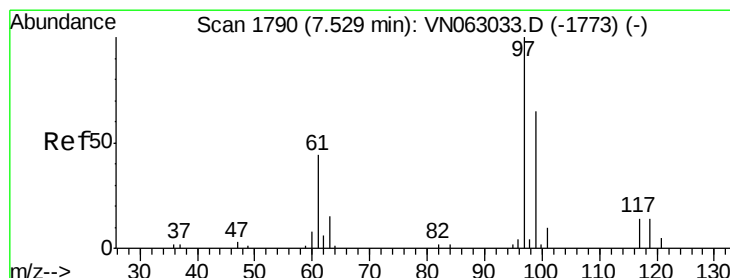
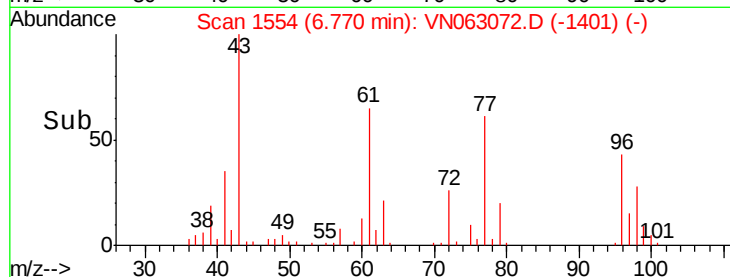
10000

5000

0

6.70 6.80 6.90

Time-->



#32

1,1,1-Trichloroethane

Concen: 20.157 ug/l

RT: 7.53 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VN063072.D

Acq: 21 Aug 2020 11:16

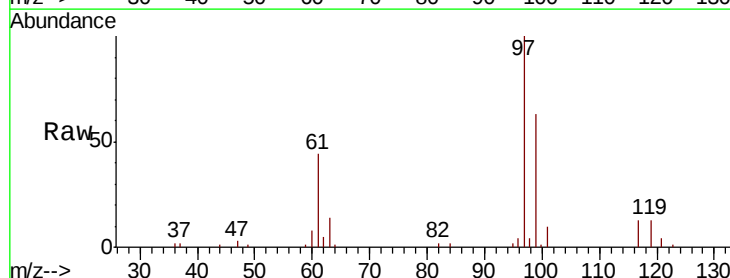
Tgt Ion: 97 Resp: 56575

Ion Ratio Lower Upper

97 100

99 65.0 51.7 77.5

61 44.5 35.3 52.9



Abundance Ion 97.00 (96.70 to 97.70): VN0

Ion 99.00 (98.70 to 99.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

7.53

25000

20000

15000

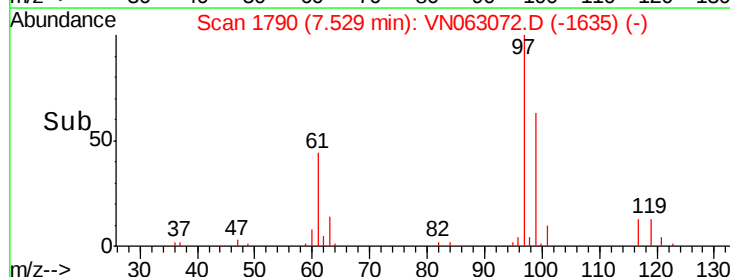
10000

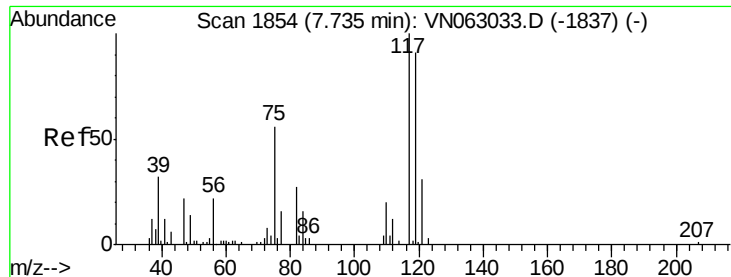
5000

0

7.45 7.50 7.55 7.60

Time-->

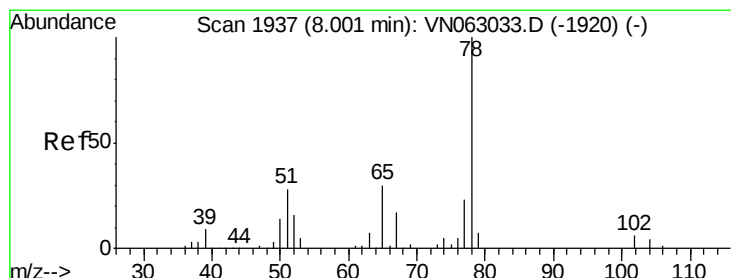
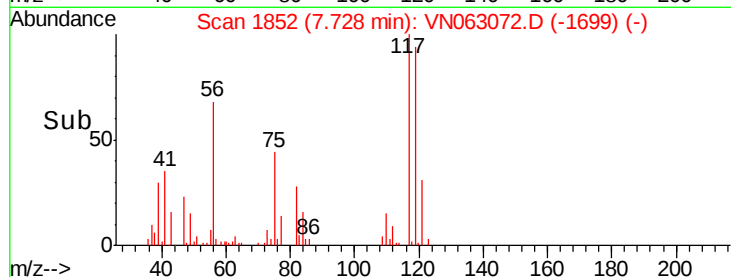
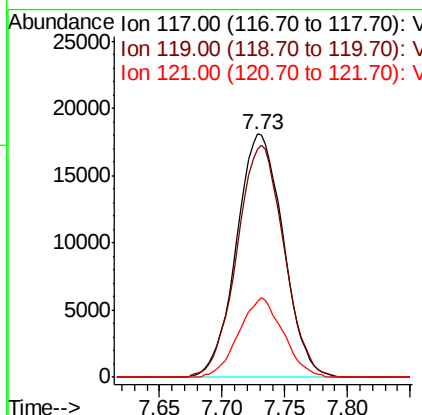
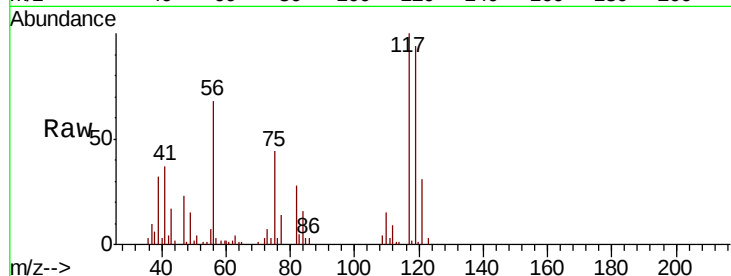




#33
Carbon Tetrachloride
Concen: 19.605 ug/l
RT: 7.73 min Scan# 1852
Delta R.T. -0.01 min
Lab File: VN063072.D
Acq: 21 Aug 2020 11:16

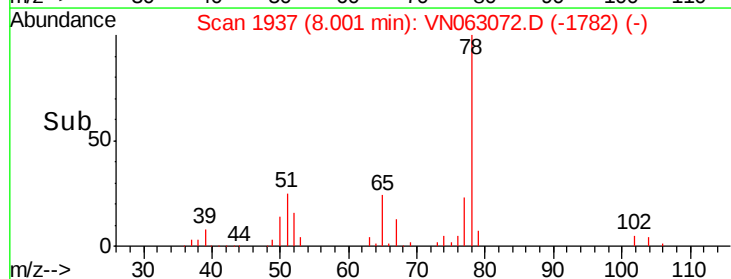
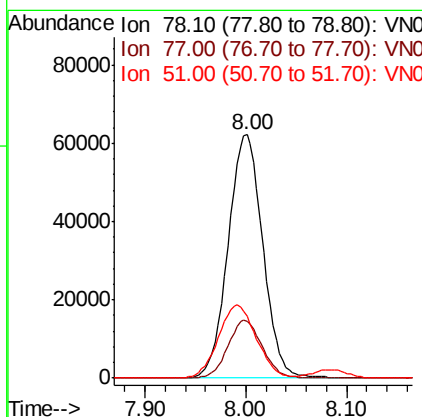
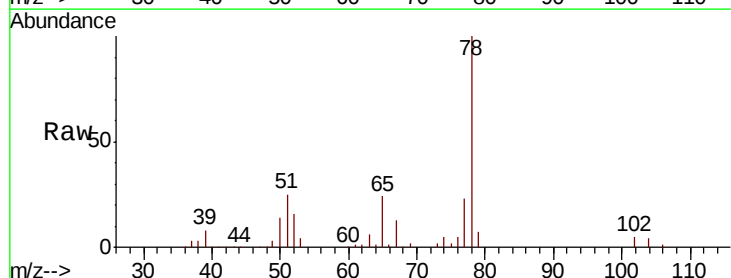
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

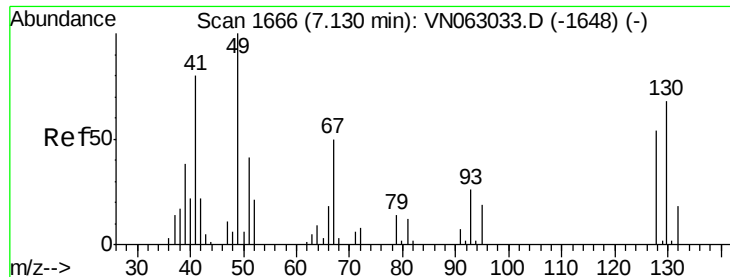
Tot Ion	Ratio	Lower	Upper
117	100		
119	94.0	73.0	109.4
121	31.4	24.9	37.3



#34
Benzene
Concen: 19.905 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN063072.D
Acq: 21 Aug 2020 11:16

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.6	27.8
51	24.7	22.2	33.2

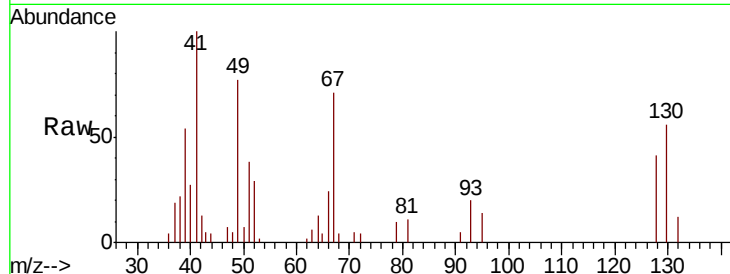




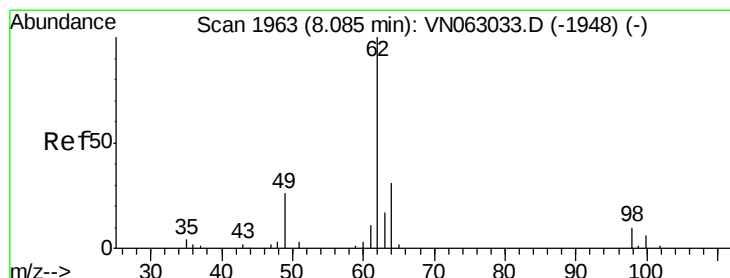
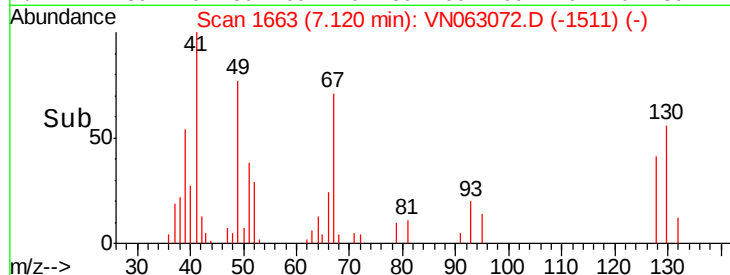
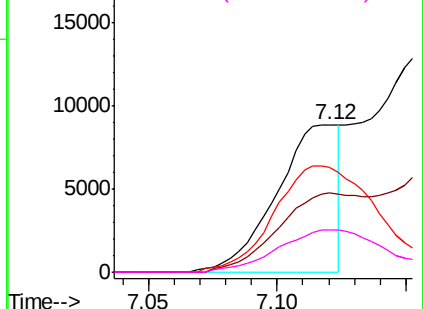
#35
Methacrylonitrile
Concen: 14.413 ug/l
RT: 7.12 min Scan# 1663
Delta R.T. -0.01 min
Lab File: VN063072.D
Acq: 21 Aug 2020 11:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion: 41 Resp: 14879
Ion Ratio Lower Upper
41 100
39 54.0 23.7 71.1
67 71.1 31.6 94.7
52 29.0 13.1 39.3

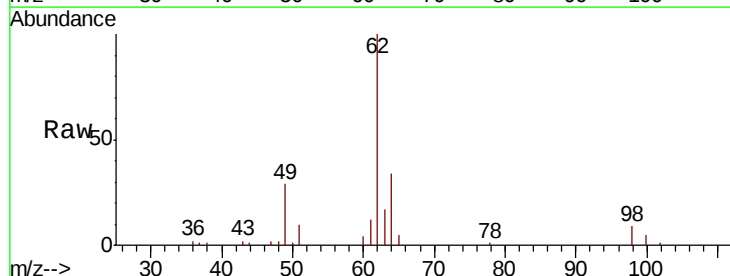


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

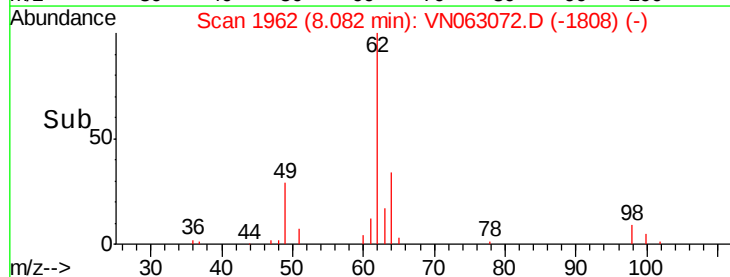
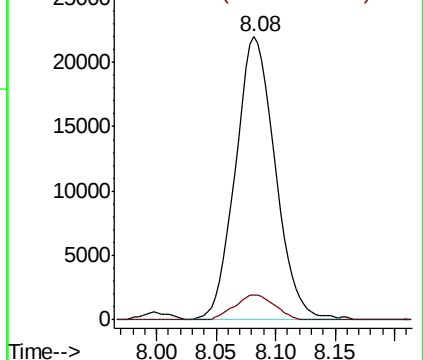


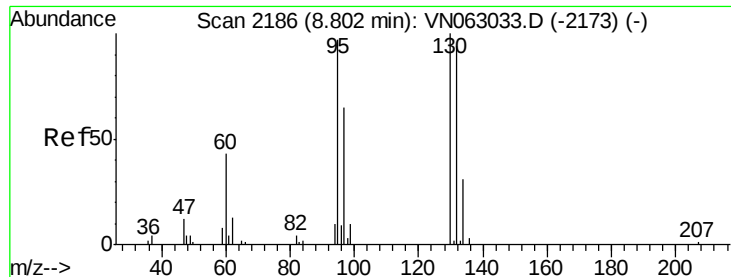
#36
1,2-Dichloroethane
Concen: 20.009 ug/l
RT: 8.08 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VN063072.D
Acq: 21 Aug 2020 11:16

Tgt Ion: 62 Resp: 50980
Ion Ratio Lower Upper
62 100
98 8.9 7.6 11.4



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

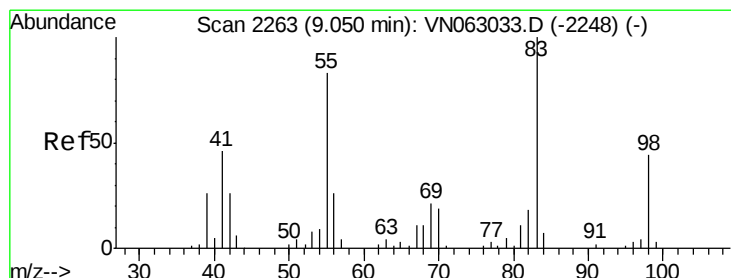
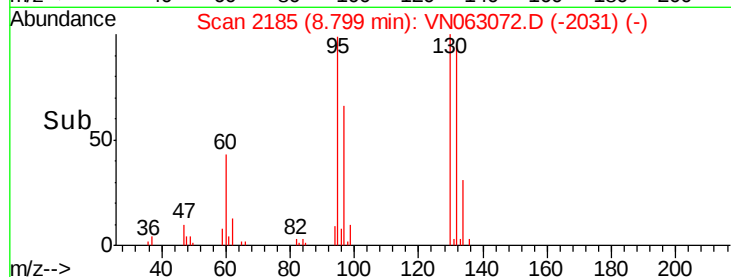
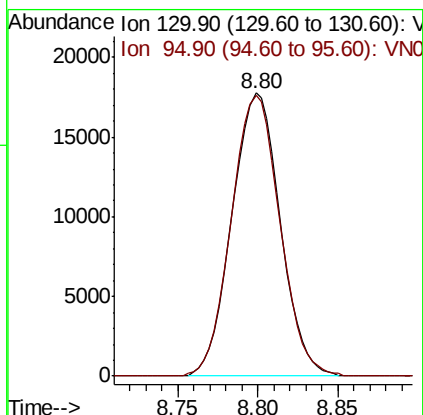
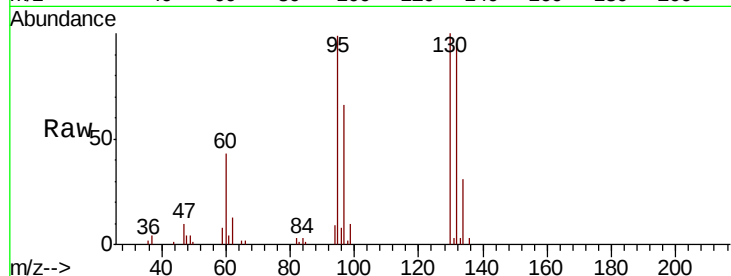




#37
 Trichloroethene
 Concen: 20.050 ug/l
 RT: 8.80 min Scan# 2185
 Delta R.T. -0.00 min
 Lab File: VN063072.D
 Acq: 21 Aug 2020 11:16

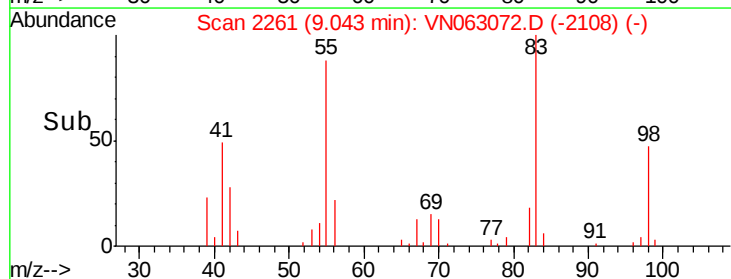
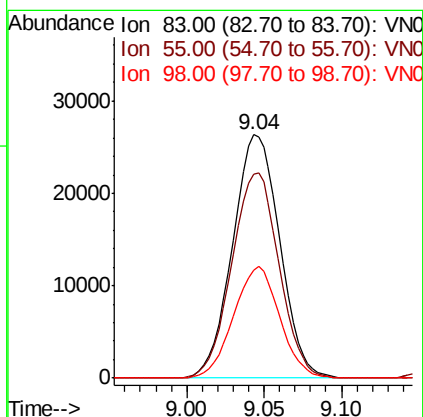
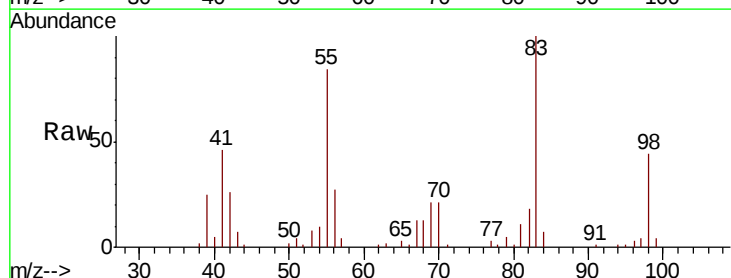
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

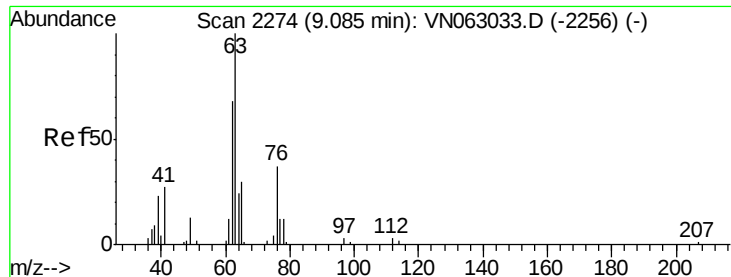
Tot Ion:130 Resp: 36669
 Ion Ratio Lower Upper
 130 100
 95 98.4 78.9 118.3



#38
 Methylcyclohexane
 Concen: 19.098 ug/l
 RT: 9.04 min Scan# 2261
 Delta R.T. -0.01 min
 Lab File: VN063072.D
 Acq: 21 Aug 2020 11:16

Tgt Ion: 83 Resp: 55822
 Ion Ratio Lower Upper
 83 100
 55 84.6 41.9 125.7
 98 44.8 22.2 66.6





#39

1,2-Dichloropropane

Concen: 20.037 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. -0.00 min

Lab File: VN063072.D

Acq: 21 Aug 2020 11:16

Instrument :

MSVOA_N

ClientSampleId :

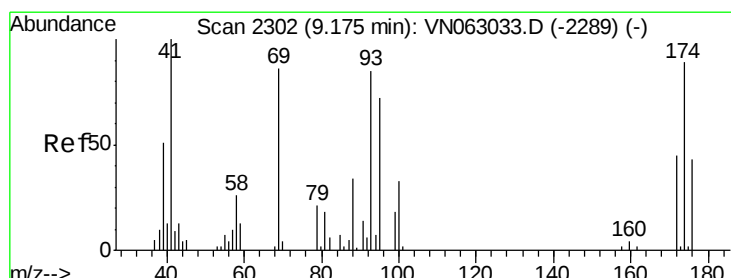
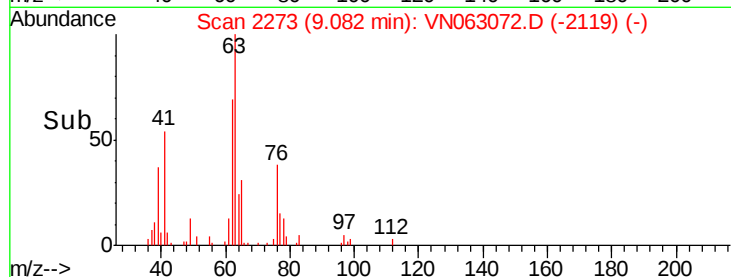
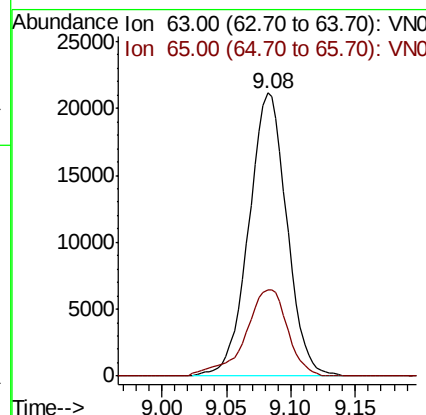
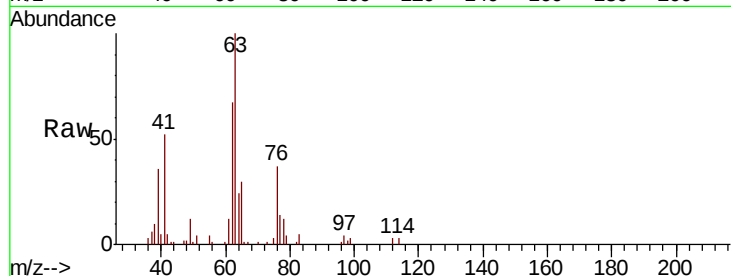
VSTDCCC020

Tot Ion: 63 Resp: 43550

Ion Ratio Lower Upper

63 100

65 30.4 25.1 37.7



#40

Dibromomethane

Concen: 19.442 ug/l

RT: 9.17 min Scan# 2301

Delta R.T. -0.00 min

Lab File: VN063072.D

Acq: 21 Aug 2020 11:16

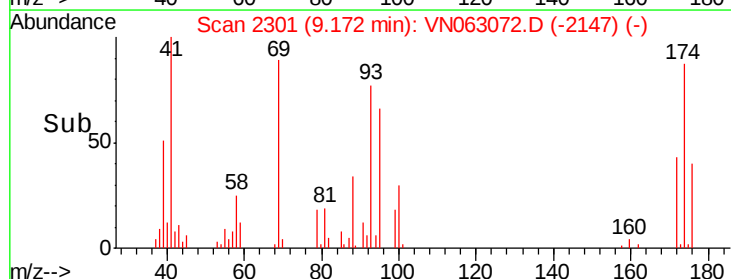
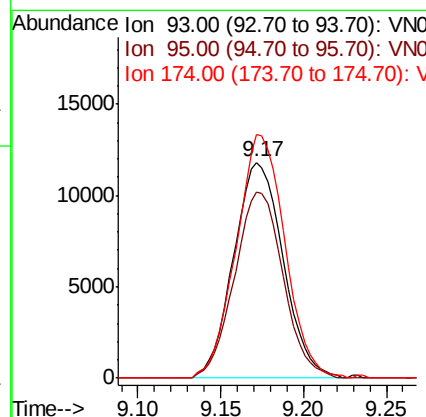
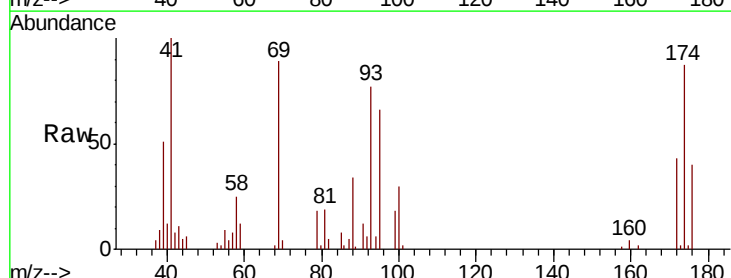
Tgt Ion: 93 Resp: 24534

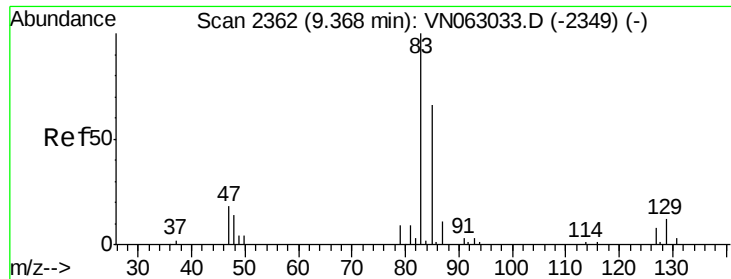
Ion Ratio Lower Upper

93 100

95 84.6 0.0 168.2

174 110.8 0.0 208.4

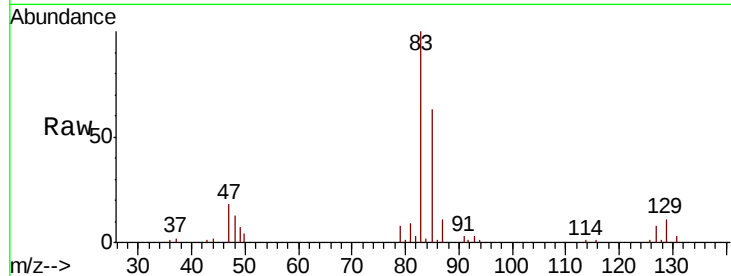




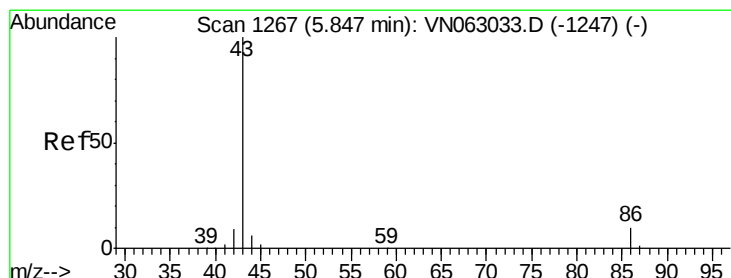
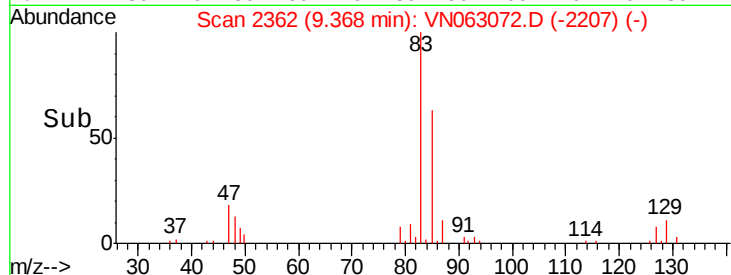
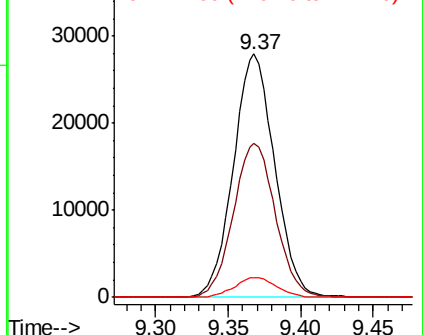
#41
 Bromodichloromethane
 Concen: 19.752 ug/l
 RT: 9.37 min Scan# 2362
 Delta R.T. -0.00 min
 Lab File: VN063072.D
 Acq: 21 Aug 2020 11:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tot Ion: 83 Resp: 55235
 Ion Ratio Lower Upper
 83 100
 85 63.5 52.6 79.0
 127 8.2 7.4 11.0

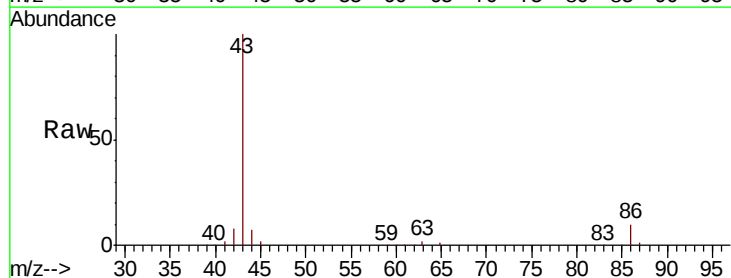


Abundance Ion 83.00 (82.70 to 83.70): VN0
 Ion 85.00 (84.70 to 85.70): VN0
 Ion 127.00 (126.70 to 127.70): VN0

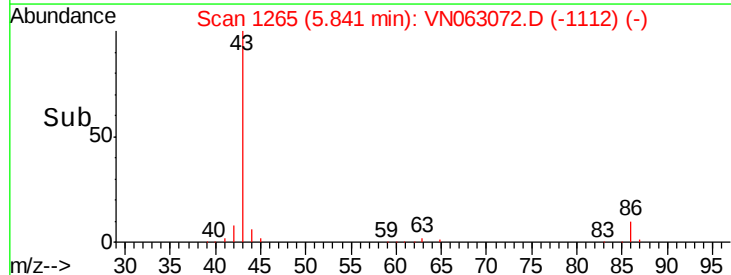
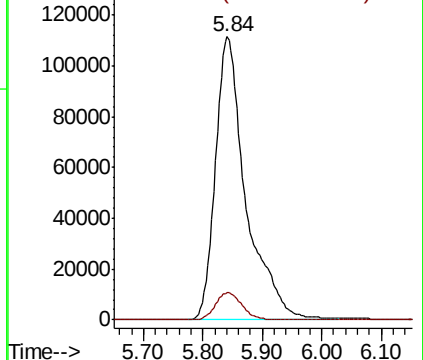


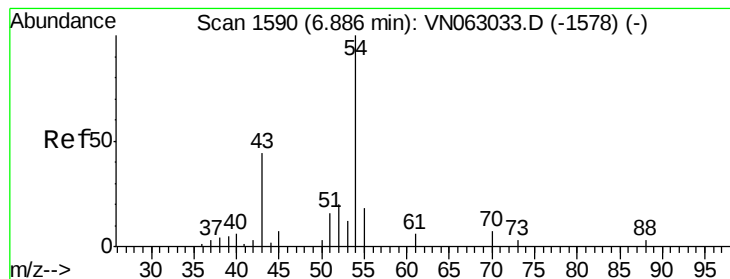
#42
 Vinyl Acetate
 Concen: 96.503 ug/l
 RT: 5.84 min Scan# 1265
 Delta R.T. -0.01 min
 Lab File: VN063072.D
 Acq: 21 Aug 2020 11:16

Tgt Ion: 43 Resp: 397079
 Ion Ratio Lower Upper
 43 100
 86 8.4 6.7 10.1



Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 86.00 (85.70 to 86.70): VN0





#43

Ethyl Acetate

Concen: 19.185 ug/l

RT: 6.88 min Scan# 1588

Delta R.T. -0.01 min

Lab File: VN063072.D

Acq: 21 Aug 2020 11:16

Instrument :

MSVOA_N

ClientSampleId :

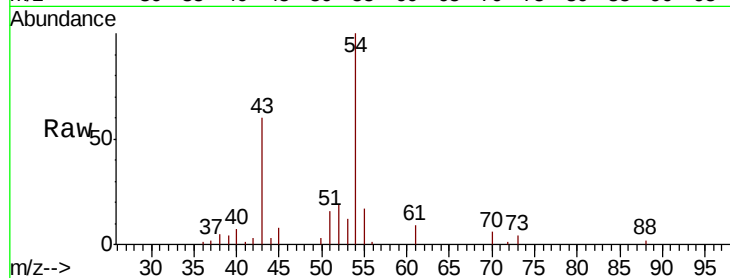
VSTDCCC020

Tot Ion: 43 Resp: 39774

Ion Ratio Lower Upper

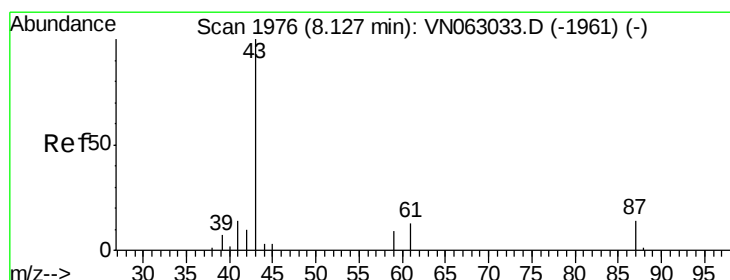
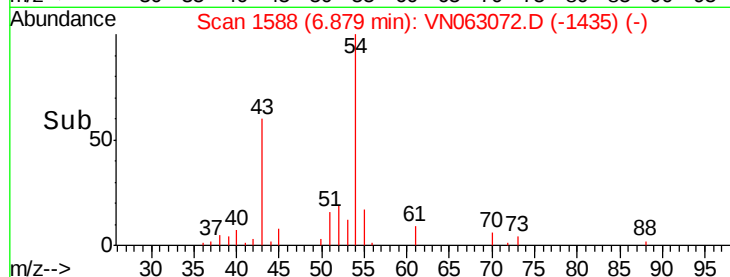
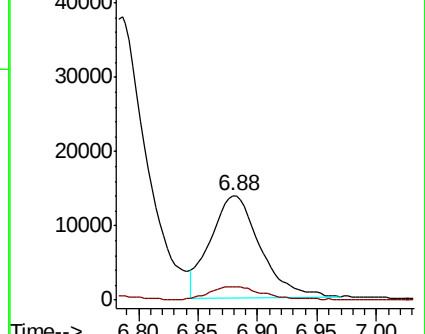
43 100

45 14.3 11.3 16.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 45.00 (44.70 to 45.70): VN0



#44

Isopropyl Acetate

Concen: 19.788 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN063072.D

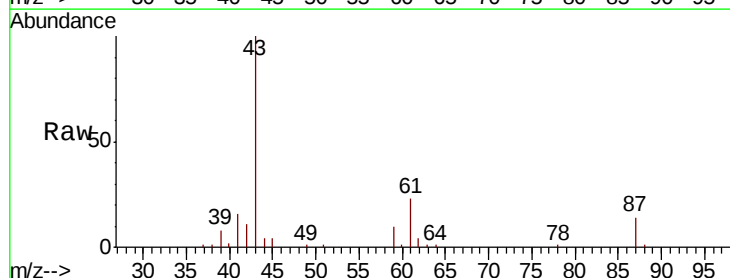
Acq: 21 Aug 2020 11:16

Tgt Ion: 43 Resp: 68870

Ion Ratio Lower Upper

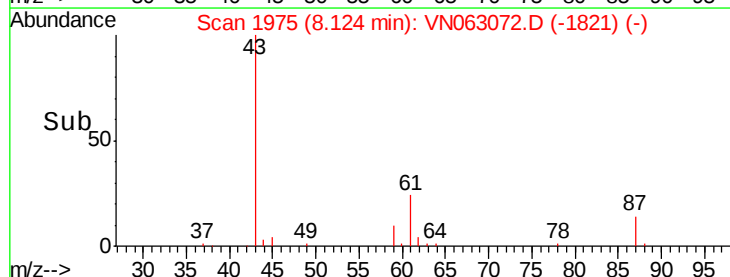
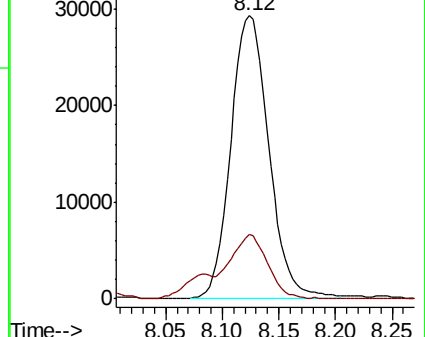
43 100

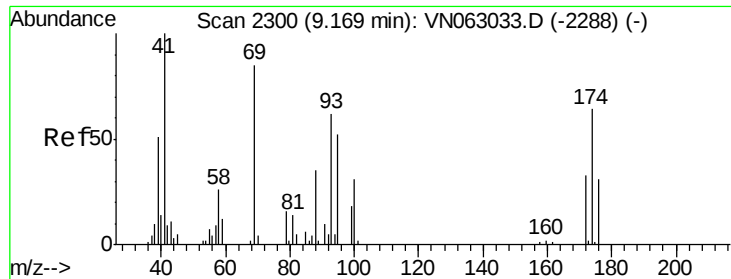
61 22.1 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

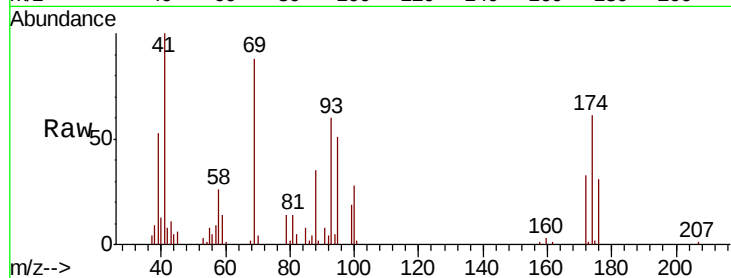




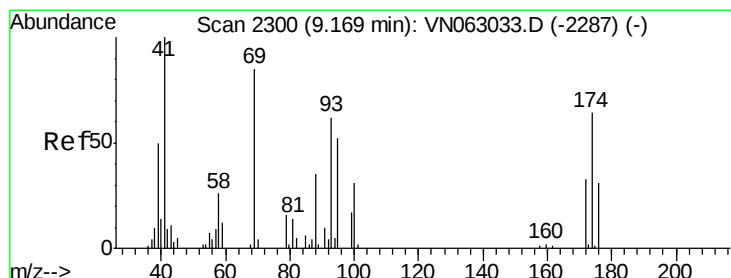
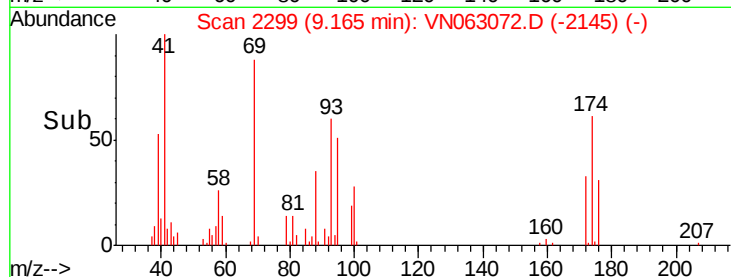
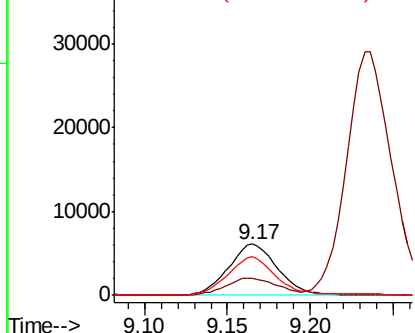
#45
1,4-Dioxane
Concen: 382.864 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN063072.D
Acq: 21 Aug 2020 11:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion: 88 Resp: 12480
Ion Ratio Lower Upper
88 100
43 34.7 28.5 42.7
58 74.2 59.6 89.4

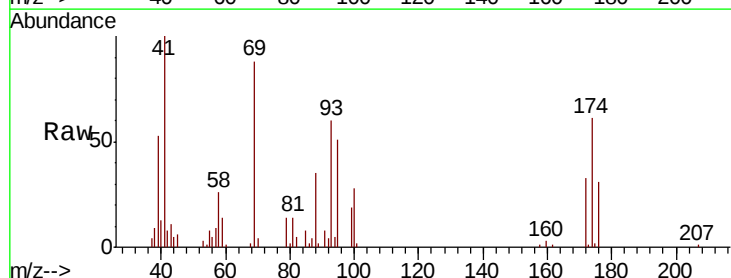


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

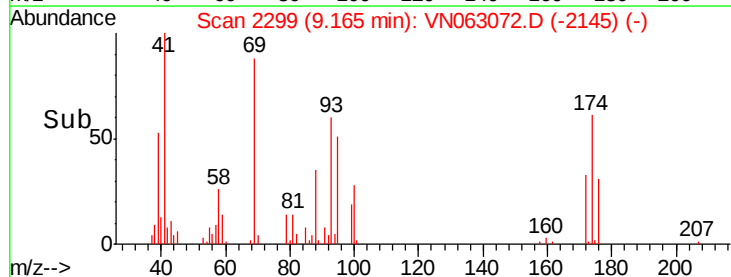
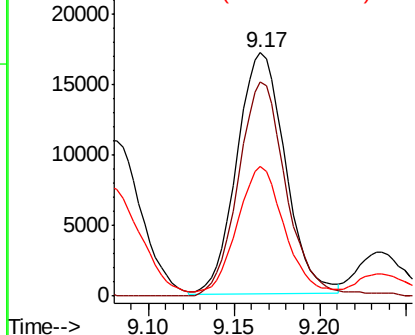


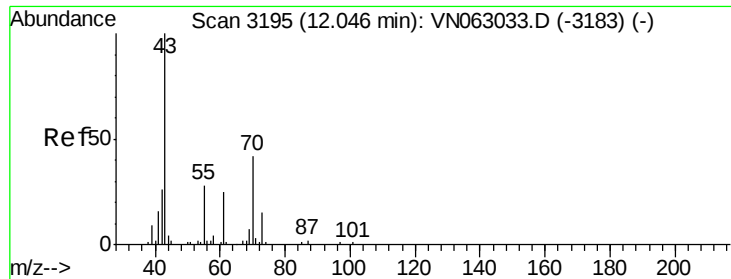
#46
Methyl methacrylate
Concen: 19.657 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN063072.D
Acq: 21 Aug 2020 11:16

Tgt Ion: 41 Resp: 33683
Ion Ratio Lower Upper
41 100
69 89.3 42.6 128.0
39 52.4 25.1 75.4



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

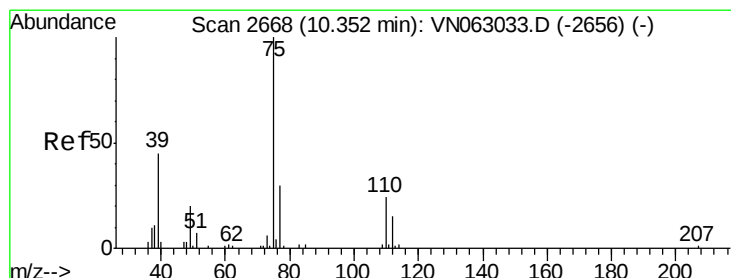
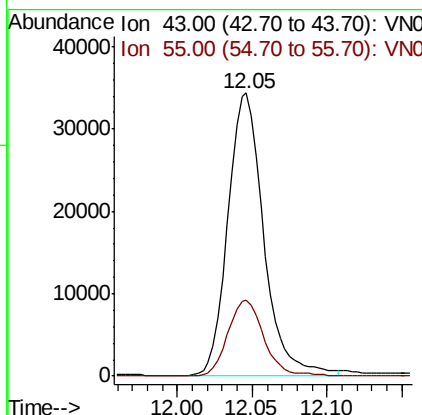
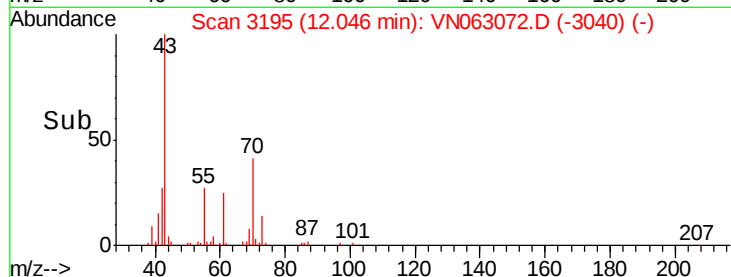
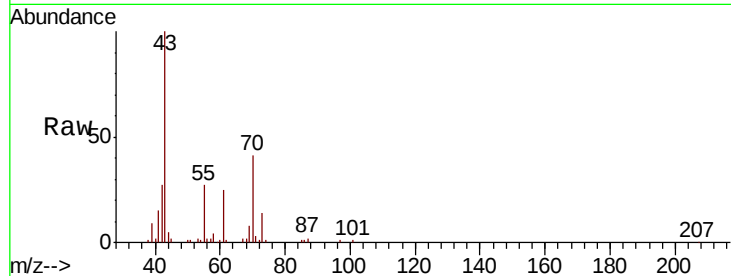




#47
n-amvl Acetate
Concen: 18.626 ug/l
RT: 12.05 min Scan# 3195
Delta R.T. -0.00 min
Lab File: VN063072.D
Acq: 21 Aug 2020 11:16

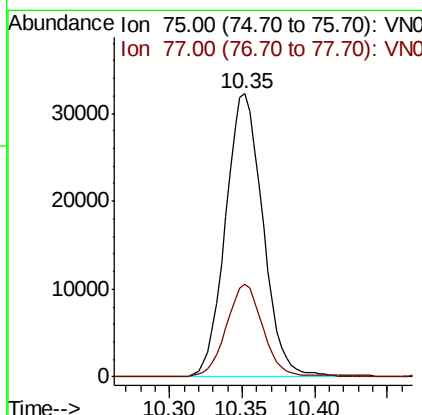
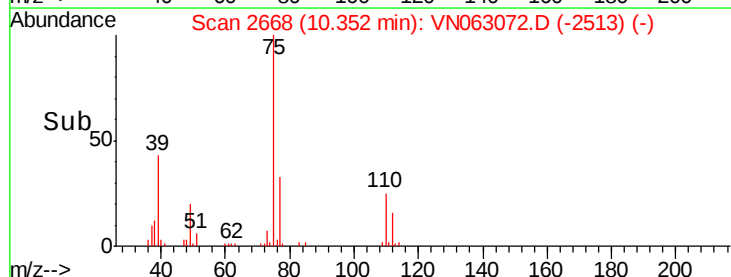
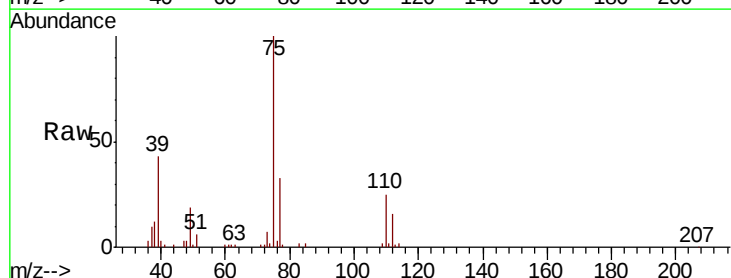
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

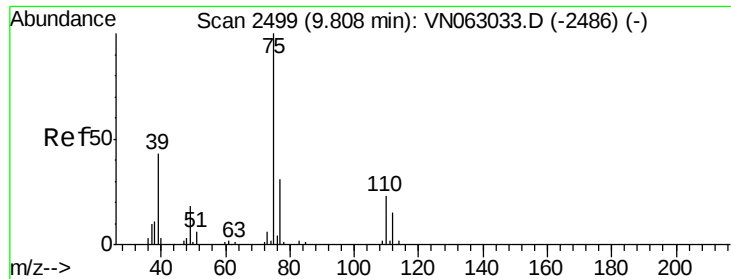
Tot Ion: 43 Resp: 57535
Ion Ratio Lower Upper
43 100
55 26.9 21.2 31.8



#48
t-1,3-Dichloropropene
Concen: 19.518 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. -0.00 min
Lab File: VN063072.D
Acq: 21 Aug 2020 11:16

Tgt Ion: 75 Resp: 57644
Ion Ratio Lower Upper
75 100
77 32.8 23.8 35.8



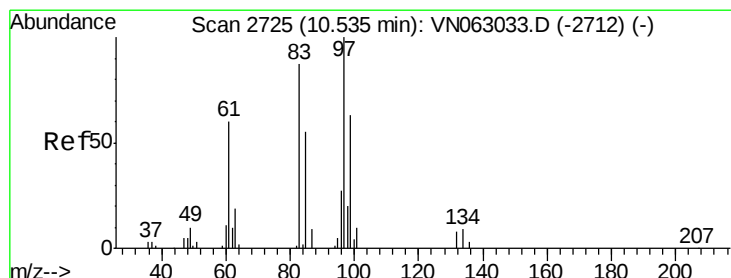
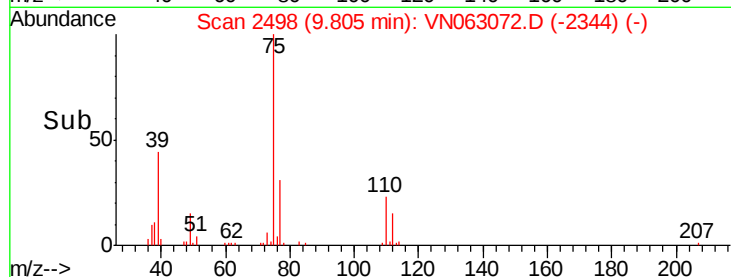
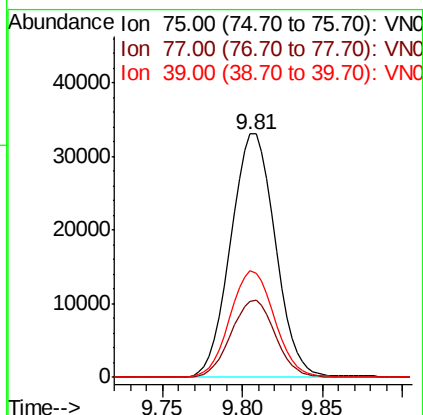
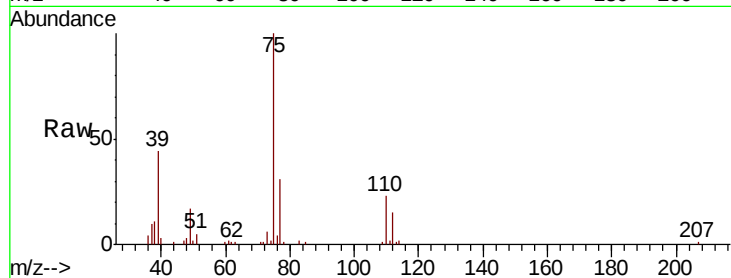


#49

cis-1,3-Dichloropropene
 Concen: 19.598 ug/l
 RT: 9.81 min Scan# 2498
 Delta R.T. -0.00 min
 Lab File: VN063072.D
 Acq: 21 Aug 2020 11:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

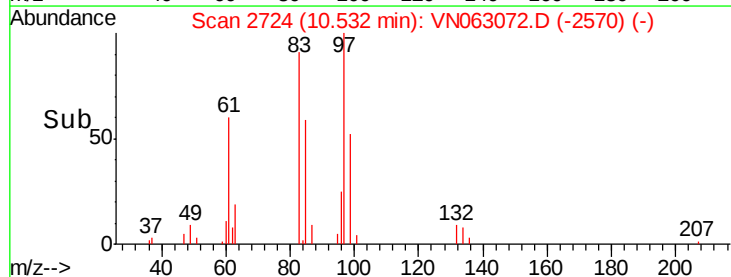
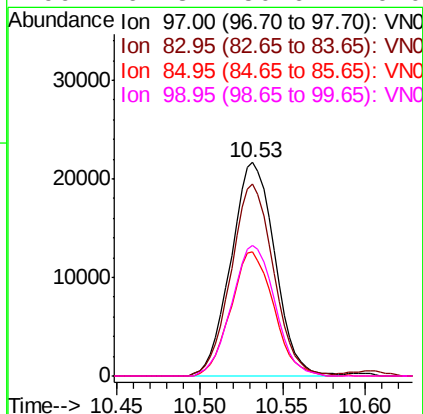
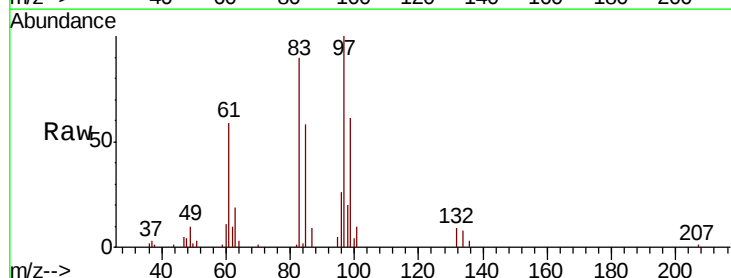
Tot Ion	Ratio	Lower	Upper
75	100		
77	31.3	24.8	37.2
39	43.7	34.5	51.7

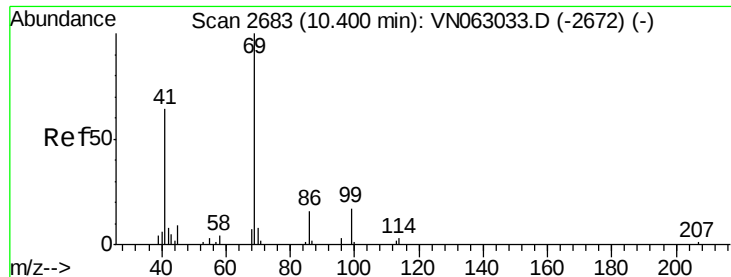


#50

1,1,2-Trichloroethane
 Concen: 20.557 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN063072.D
 Acq: 21 Aug 2020 11:16

Tgt Ion	Ratio	Lower	Upper
97	100		
83	89.8	69.9	104.9
85	57.9	44.0	66.0
99	61.3	50.6	76.0





#51

Ethyl methacrylate

Concen: 19.129 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. -0.00 min

Lab File: VN063072.D

Acq: 21 Aug 2020 11:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

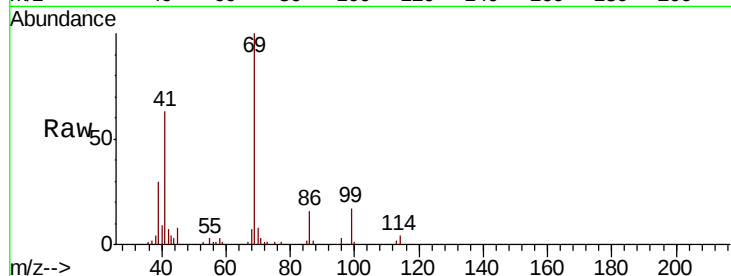
Tot Ion: 69 Resp: 50637

Ion Ratio Lower Upper

69 100

41 63.2 32.1 96.5

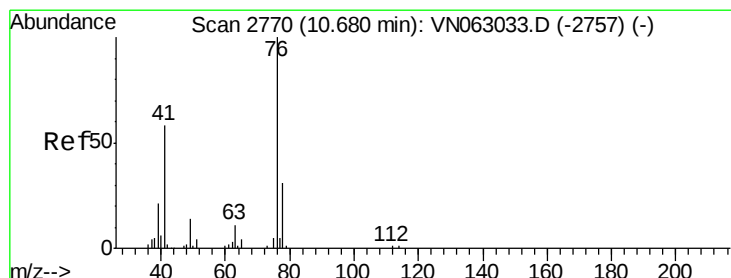
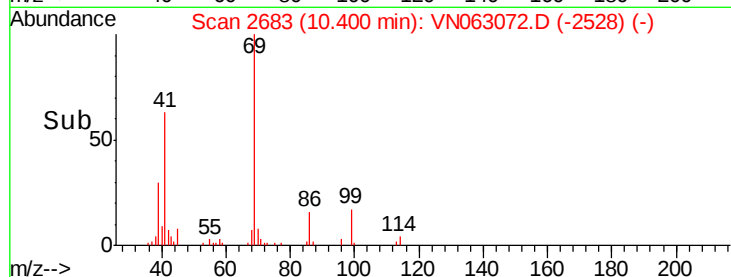
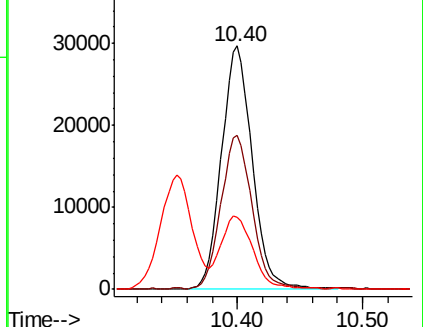
39 29.2 16.1 48.3



Abundance Ion 69.00 (68.70 to 69.70): VN063033.D (-2672) (-)

Ion 41.00 (40.70 to 41.70): VN063033.D (-2672) (-)

Ion 39.00 (38.70 to 39.70): VN063033.D (-2672) (-)



#52

1,3-Dichloropropane

Concen: 20.207 ug/l

RT: 10.68 min Scan# 2769

Delta R.T. -0.00 min

Lab File: VN063072.D

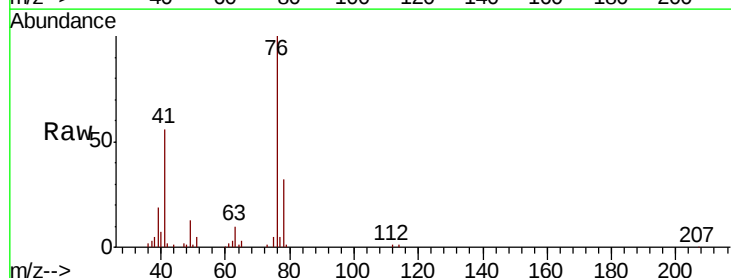
Acq: 21 Aug 2020 11:16

Tgt Ion: 76 Resp: 64957

Ion Ratio Lower Upper

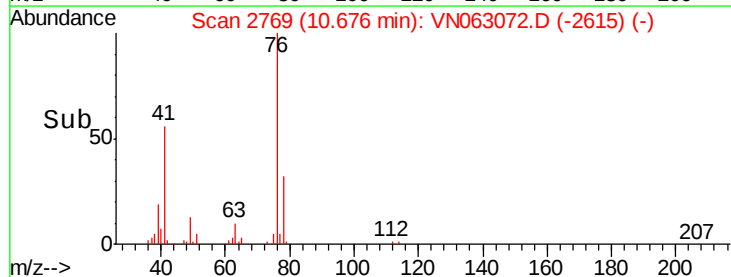
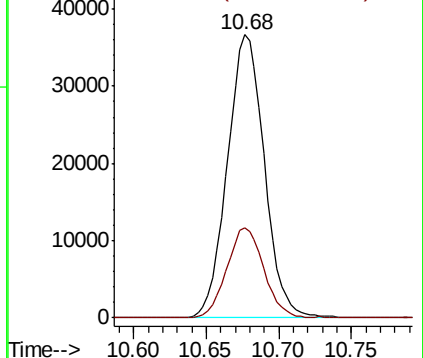
76 100

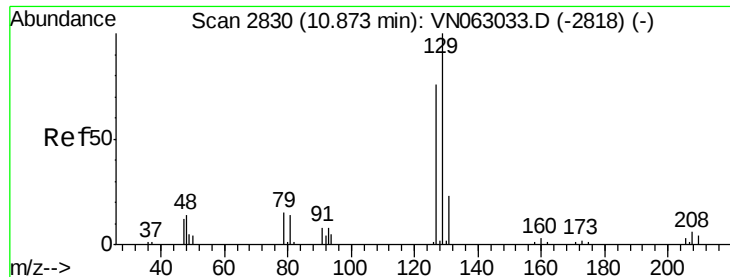
78 31.6 0.0 63.2



Abundance Ion 76.00 (75.70 to 76.70): VN063033.D (-2757) (-)

Ion 78.00 (77.70 to 78.70): VN063033.D (-2757) (-)





#53

Dibromochloromethane

Concen: 19.633 ug/l

RT: 10.87 min Scan# 2830

Delta R.T. -0.00 min

Lab File: VN063072.D

Acq: 21 Aug 2020 11:16

Instrument :

MSVOA_N

ClientSampleId :

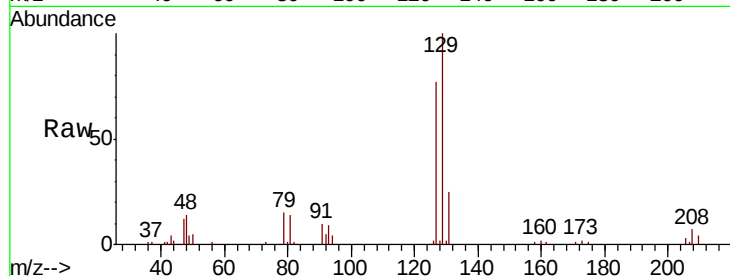
VSTDCCC020

Tot Ion:129 Resp: 41918

Ion Ratio Lower Upper

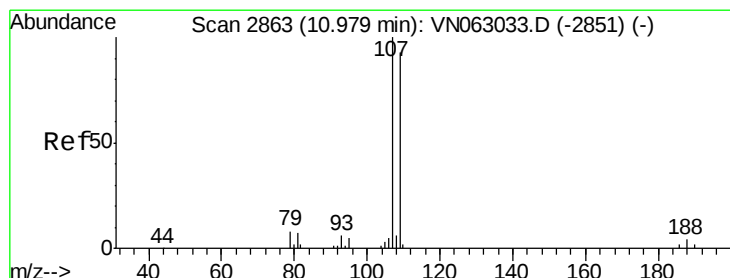
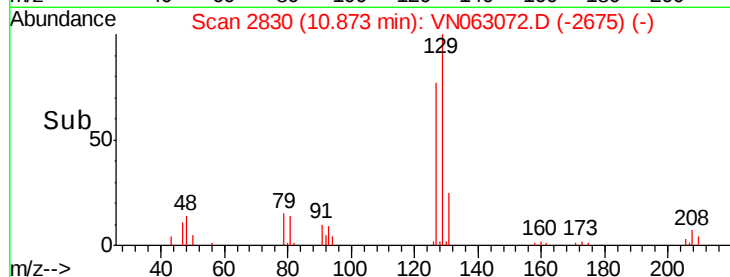
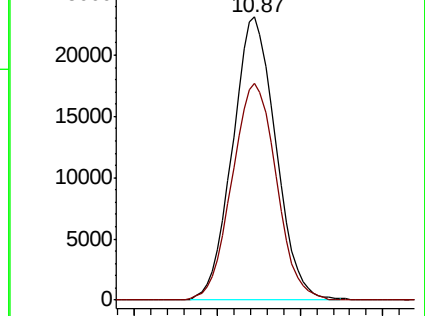
129 100

127 78.4 38.7 116.1



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 19.821 ug/l

RT: 10.98 min Scan# 2862

Delta R.T. -0.00 min

Lab File: VN063072.D

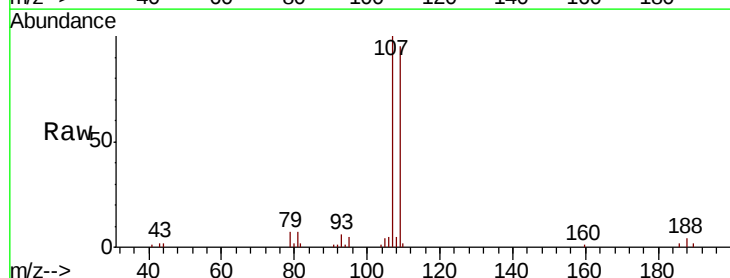
Acq: 21 Aug 2020 11:16

Tgt Ion:107 Resp: 36996

Ion Ratio Lower Upper

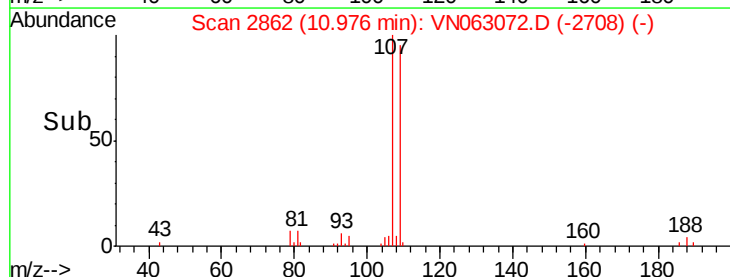
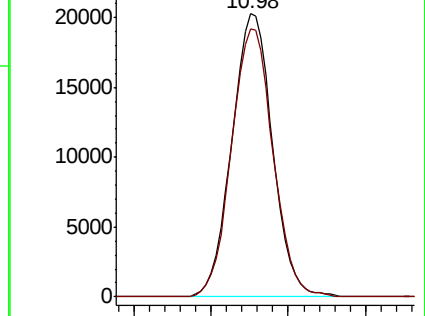
107 100

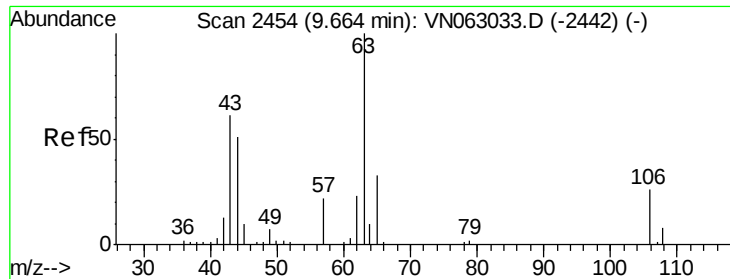
109 96.4 76.3 114.5



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

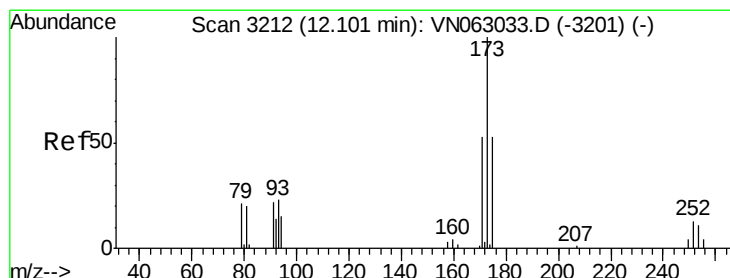
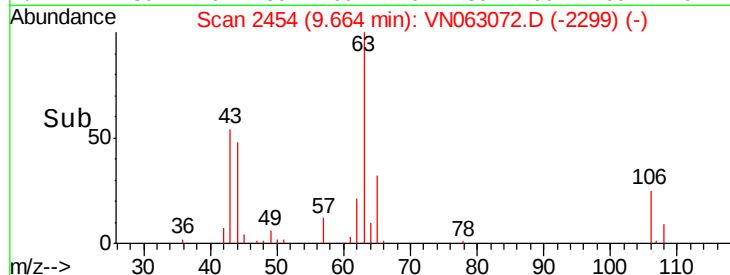
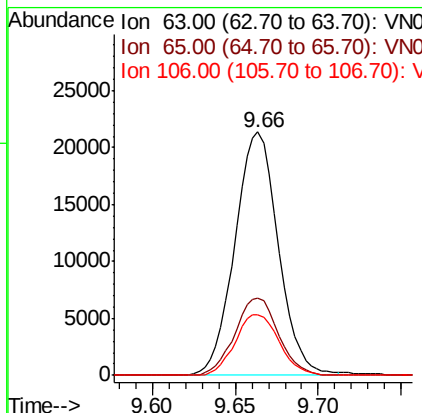
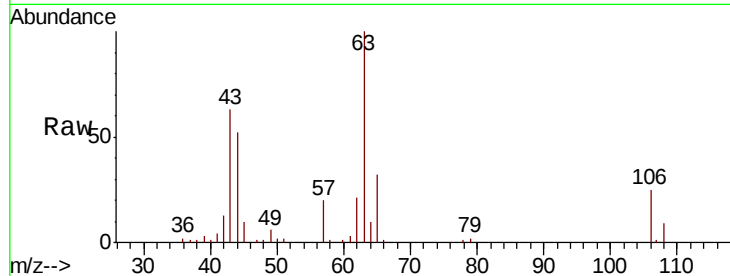




#55
2-Chloroethyl vinyl ether
Concen: 71.783 ug/l
RT: 9.66 min Scan# 2454
Delta R.T. -0.00 min
Lab File: VN063072.D
Acq: 21 Aug 2020 11:16

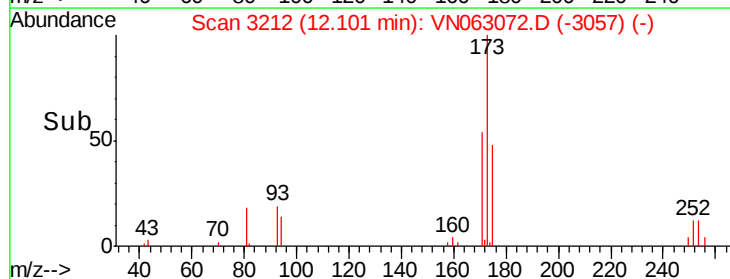
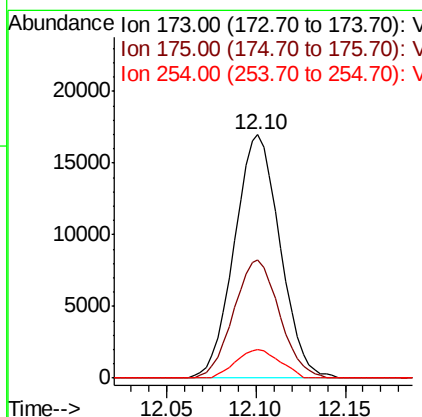
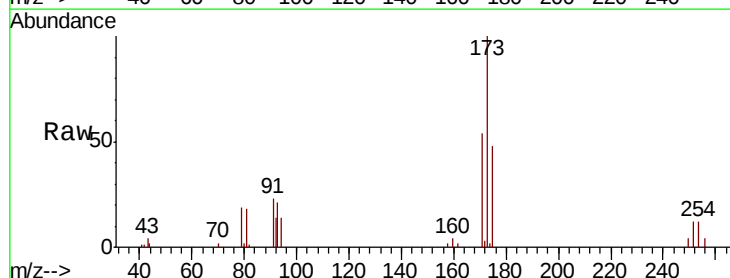
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

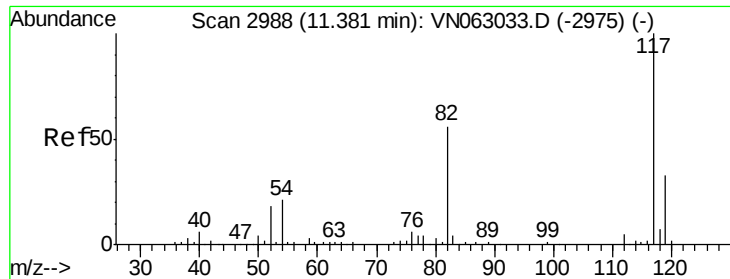
Tot Ion	63	Resp	39032
Ion Ratio	Lower	Upper	
63	100		
65	31.8	25.9	38.9
106	25.3	19.9	29.9



#56
Bromoform
Concen: 19.341 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. -0.00 min
Lab File: VN063072.D
Acq: 21 Aug 2020 11:16

Tgt Ion	173	Resp	30239
Ion Ratio	Lower	Upper	
173	100		
175	48.7	41.2	61.8
254	11.2	9.0	13.4

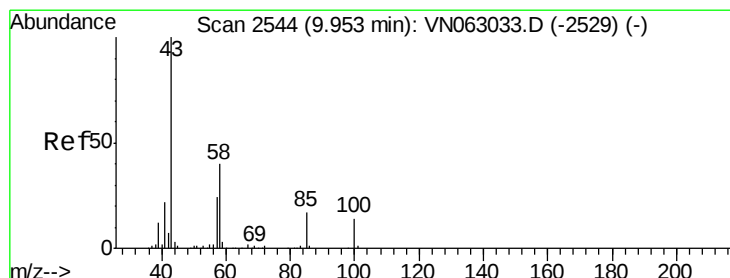
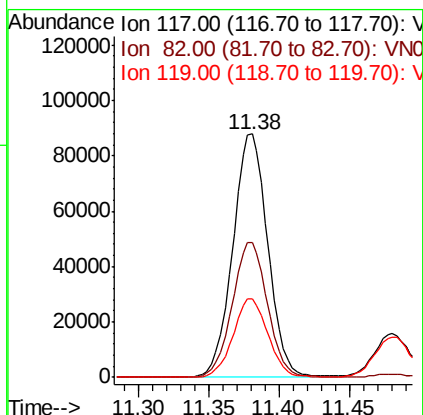
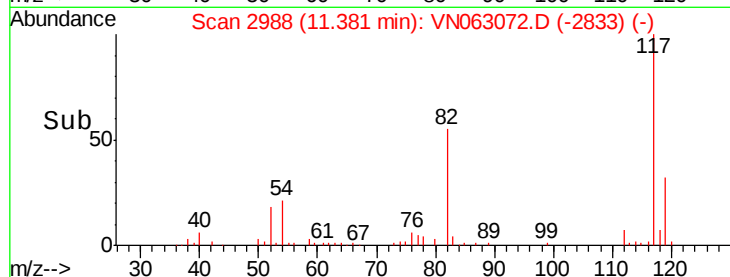
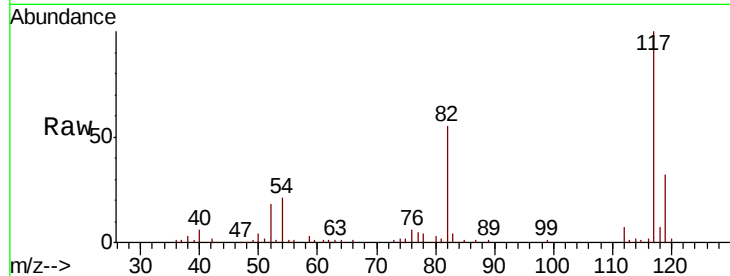




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN063072.D
Acq: 21 Aug 2020 11:16

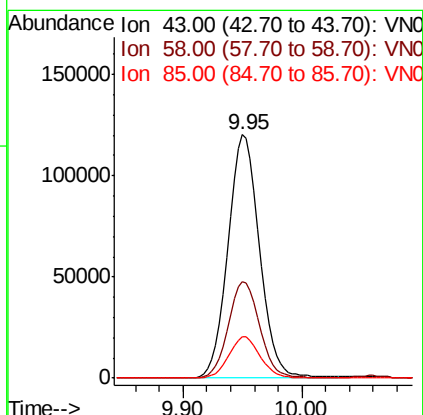
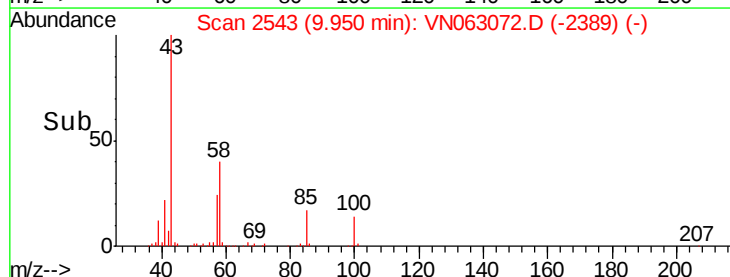
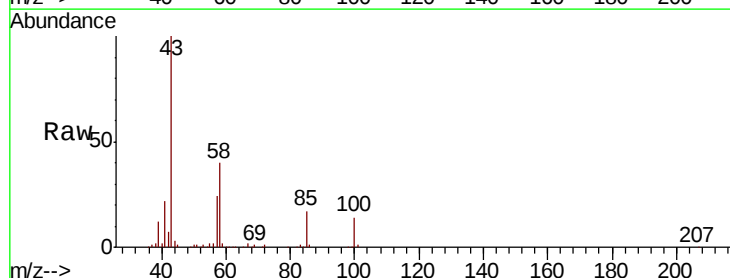
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

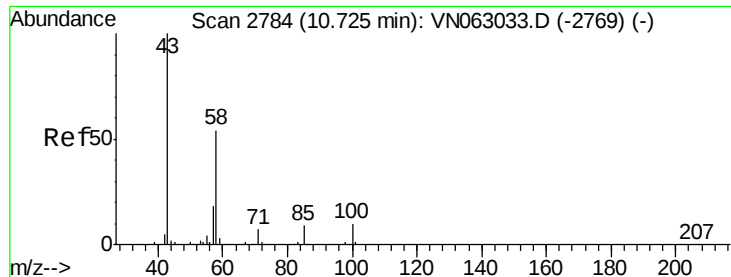
Tot Ion:117 Resp: 152760
Ion Ratio Lower Upper
117 100
82 55.8 44.9 67.3
119 32.2 26.0 39.0



#58
4-Methyl-2-Pentanone
Concen: 100.654 ug/l
RT: 9.95 min Scan# 2543
Delta R.T. -0.00 min
Lab File: VN063072.D
Acq: 21 Aug 2020 11:16

Tgt Ion: 43 Resp: 221190
Ion Ratio Lower Upper
43 100
58 39.4 31.4 47.0
85 16.8 13.4 20.2

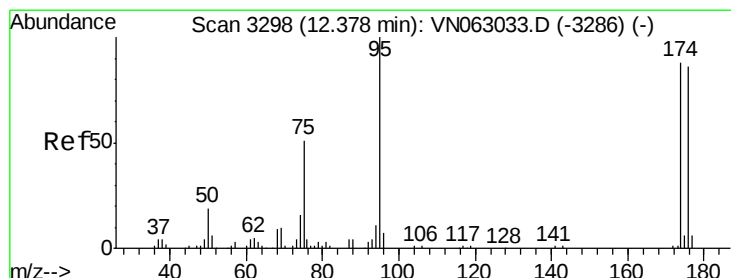
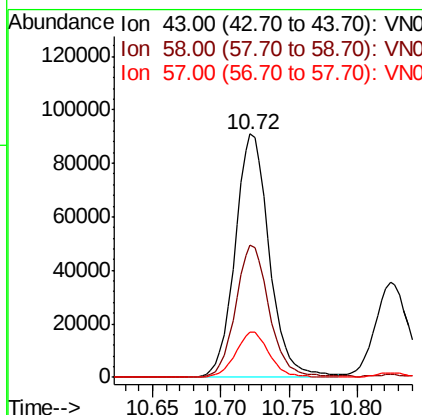
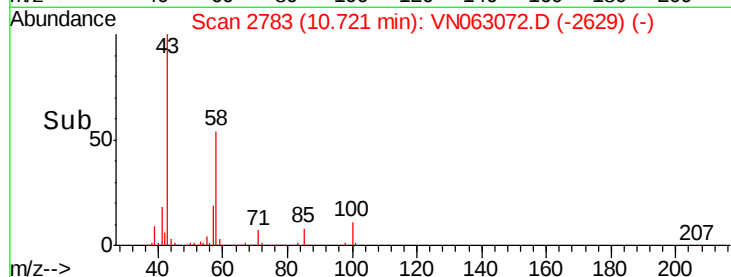
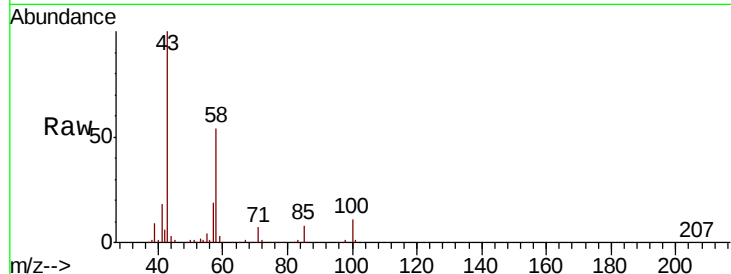




#59
2-Hexanone
Concen: 101.002 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN063072.D
Acq: 21 Aug 2020 11:16

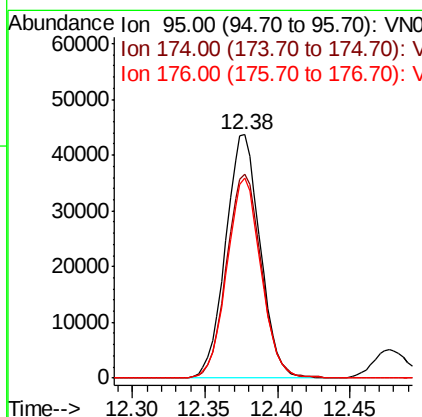
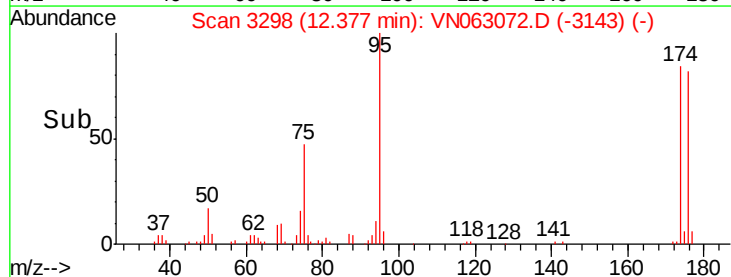
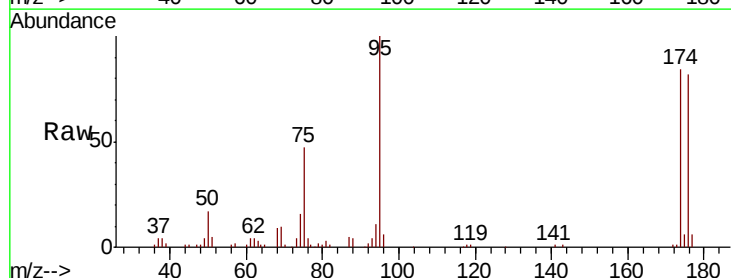
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

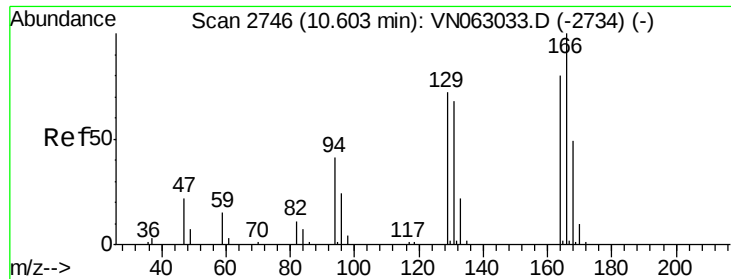
Tot Ion: 43 Resp: 158331
Ion Ratio Lower Upper
43 100
58 53.8 42.6 64.0
57 18.4 14.6 21.8



#60
4-Bromofluorobenzene
Concen: 29.994 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN063072.D
Acq: 21 Aug 2020 11:16

Tgt Ion: 95 Resp: 72402
Ion Ratio Lower Upper
95 100
174 84.2 70.1 105.1
176 81.2 66.8 100.2



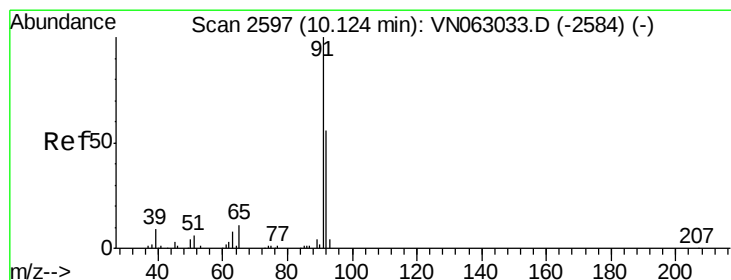
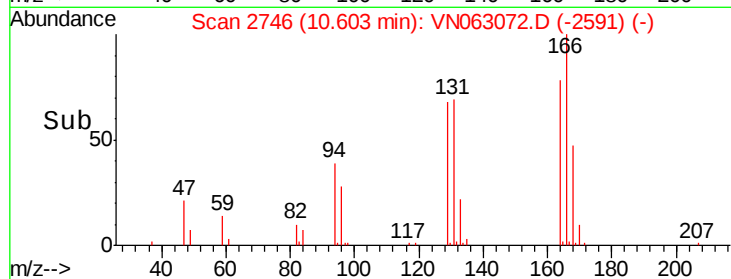
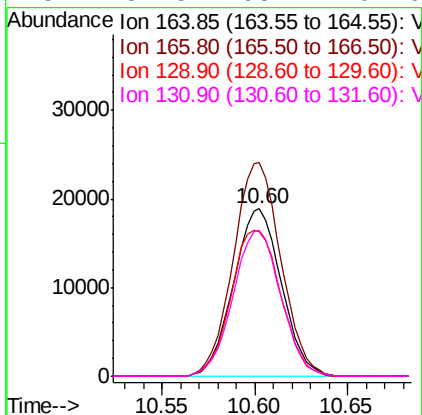
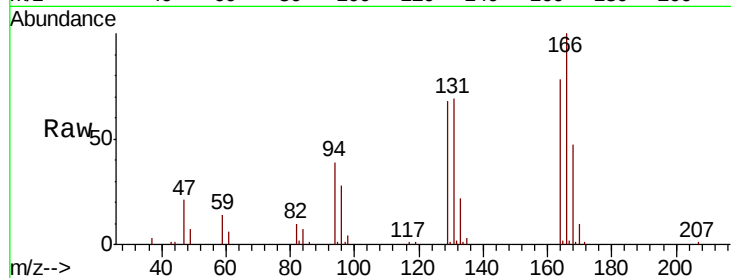


#61
 Tetrachloroethene
 Concen: 20.216 ug/l
 RT: 10.60 min Scan# 2746
 Delta R.T. -0.00 min
 Lab File: VN063072.D
 Acq: 21 Aug 2020 11:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tot Ion:164 Resp: 33855

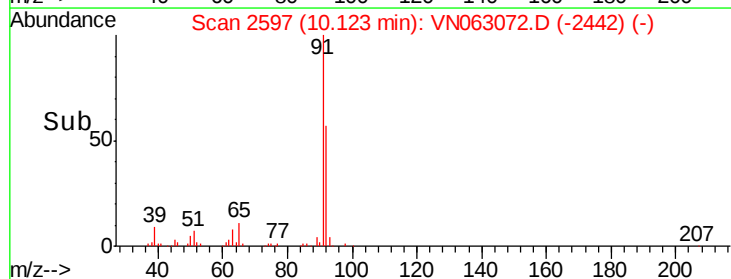
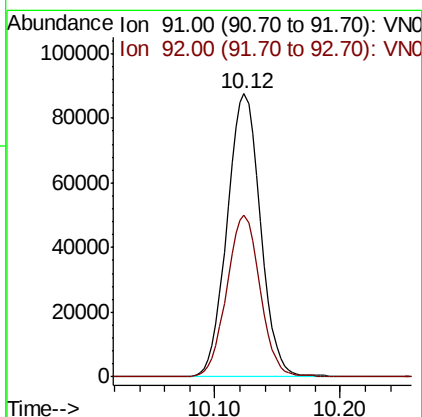
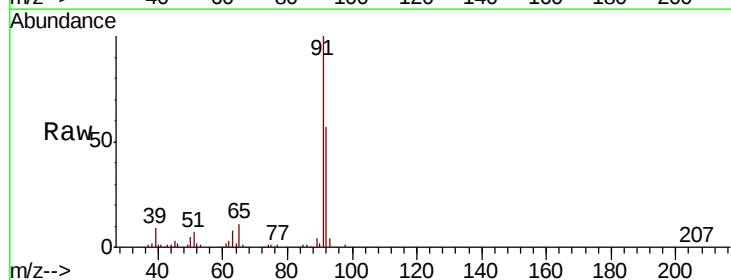
Ion	Ratio	Lower	Upper
164	100		
166	127.7	100.1	150.1
129	86.3	72.5	108.7
131	87.5	68.4	102.6

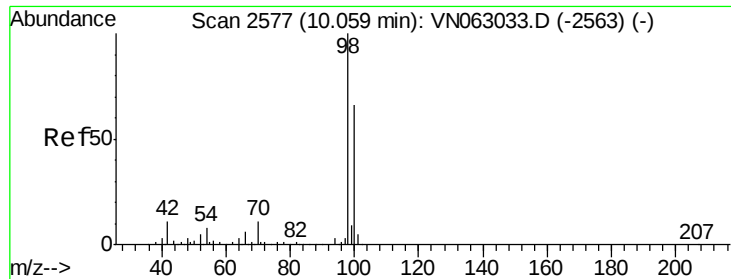


#62
 Toluene
 Concen: 20.020 ug/l
 RT: 10.12 min Scan# 2597
 Delta R.T. -0.00 min
 Lab File: VN063072.D
 Acq: 21 Aug 2020 11:16

Tgt Ion: 91 Resp: 162082

Ion	Ratio	Lower	Upper
91	100		
92	56.8	45.5	68.3





#63

Toluene-d8

Concen: 30.046 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN063072.D

Acq: 21 Aug 2020 11:16

Instrument :

MSVOA_N

ClientSampleId :

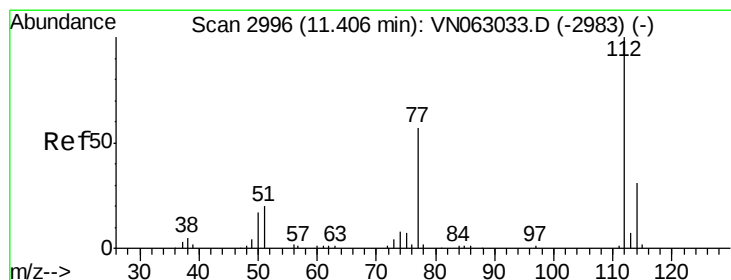
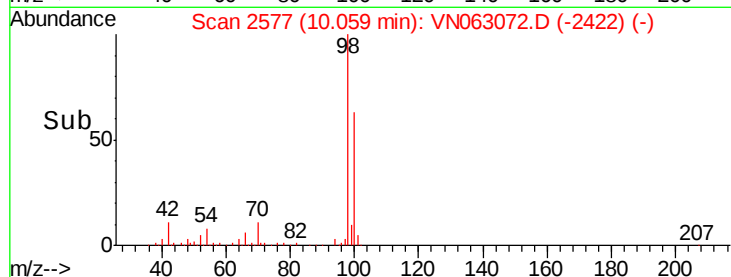
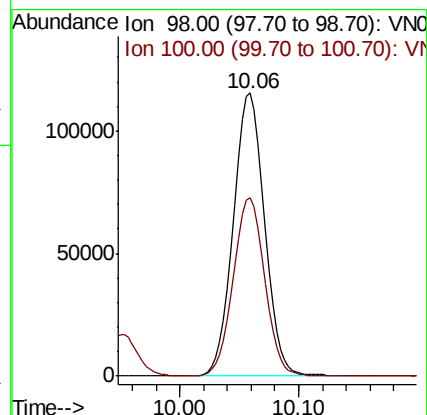
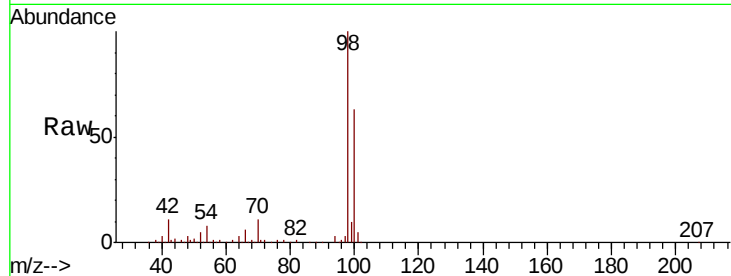
VSTDCCC020

Tot Ion: 98 Resp: 210643

Ion Ratio Lower Upper

98 100

100 63.5 51.4 77.2



#64

Chlorobenzene

Concen: 20.054 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN063072.D

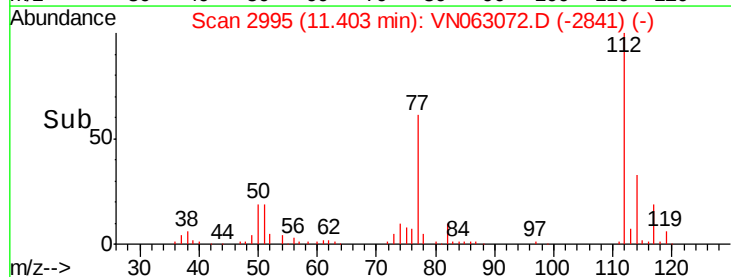
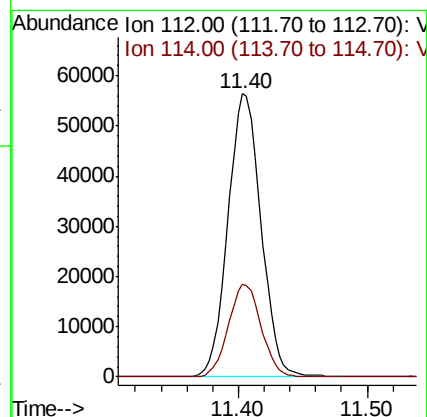
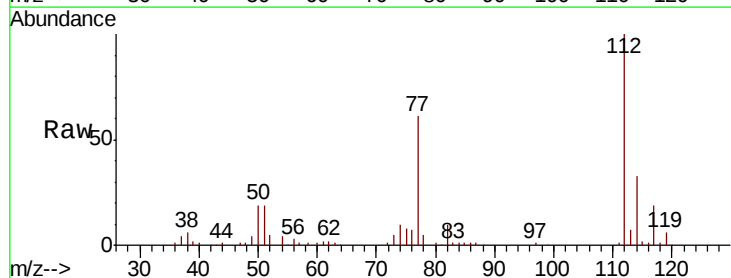
Acq: 21 Aug 2020 11:16

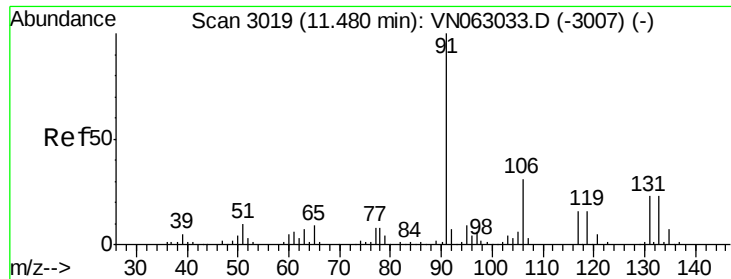
Tgt Ion: 112 Resp: 100460

Ion Ratio Lower Upper

112 100

114 32.6 25.1 37.7





#65

1,1,1,2-Tetrachloroethane

Concen: 19.705 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. -0.00 min

Lab File: VN063072.D

Acq: 21 Aug 2020 11:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

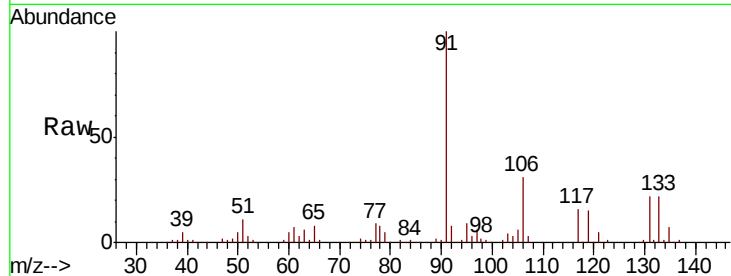
Tot Ion:131 Resp: 39125

Ion Ratio Lower Upper

131 100

133 97.1 0.0 191.2

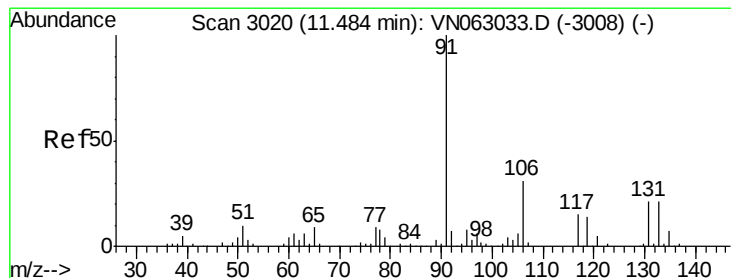
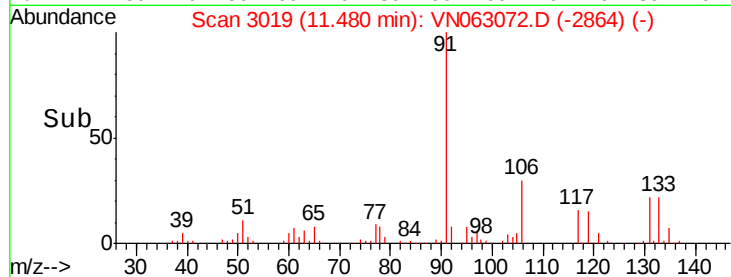
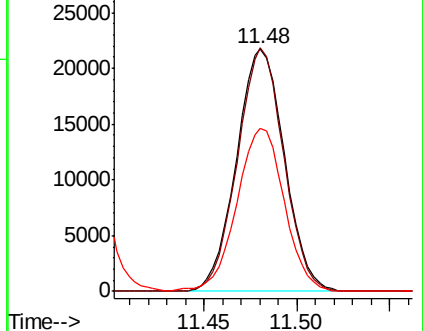
119 66.7 0.0 134.2



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: 19.498 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. -0.00 min

Lab File: VN063072.D

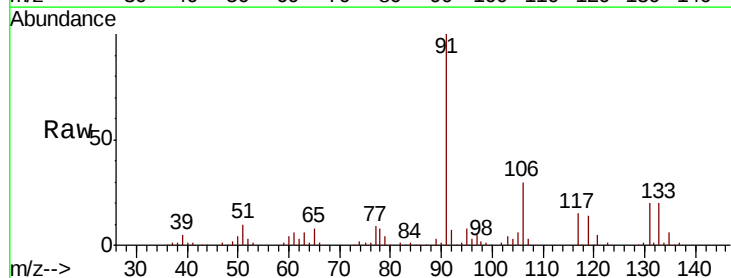
Acq: 21 Aug 2020 11:16

Tgt Ion: 91 Resp: 172076

Ion Ratio Lower Upper

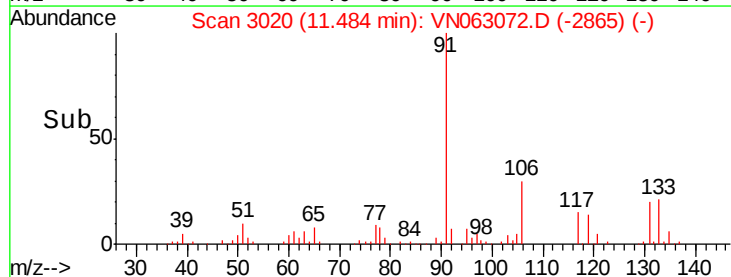
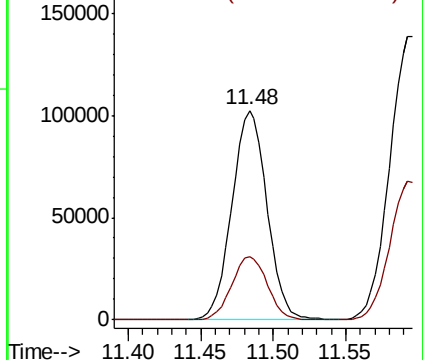
91 100

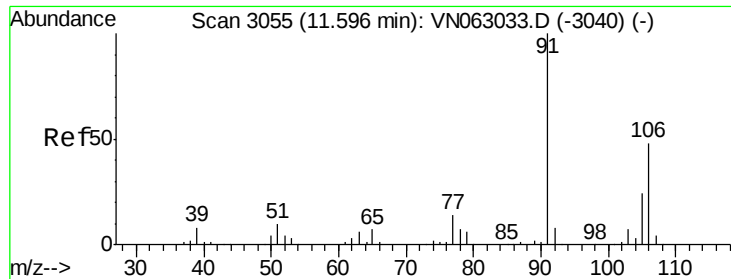
106 30.4 25.0 37.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V

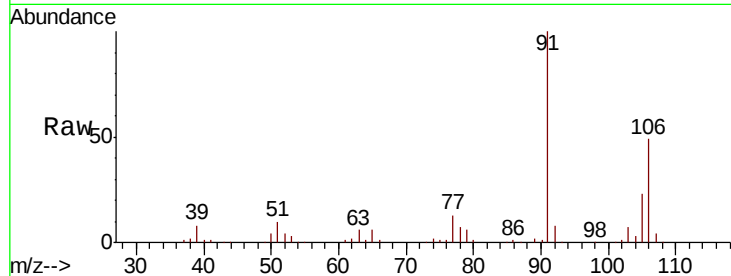




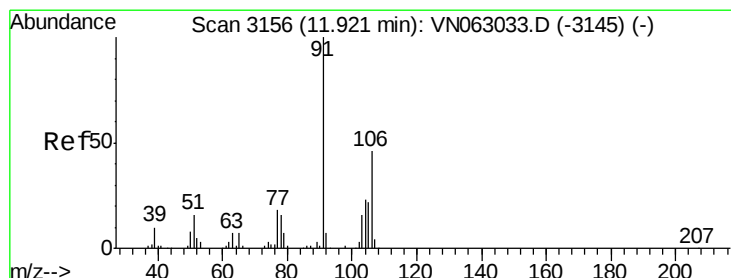
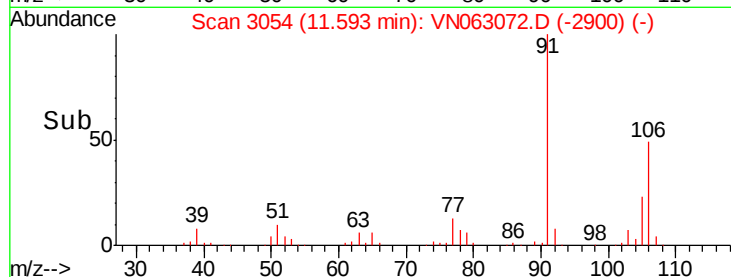
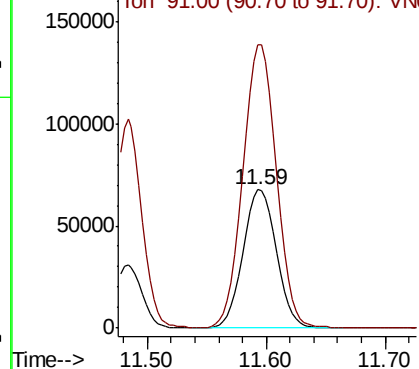
#67
m/p-Xylenes
Concen: 39.983 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN063072.D
Acq: 21 Aug 2020 11:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion:106 Resp: 132191
Ion Ratio Lower Upper
106 100
91 204.7 164.9 247.3

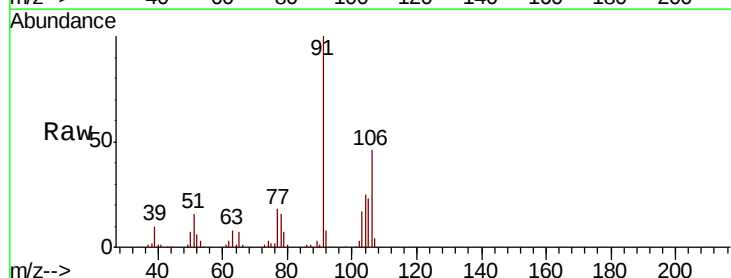


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

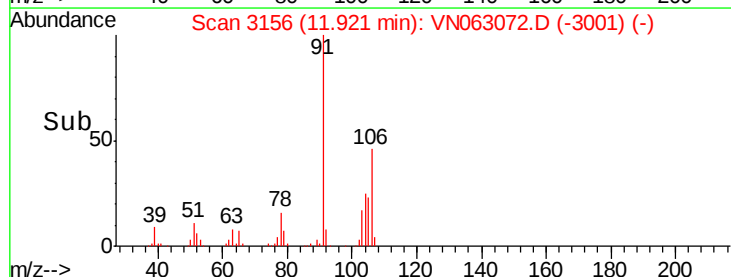
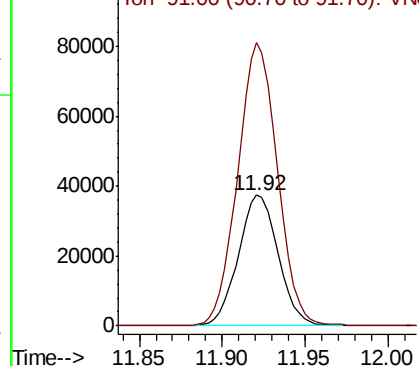


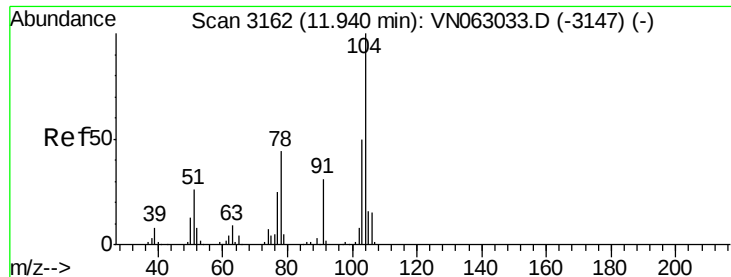
#68
o-Xylene
Concen: 19.727 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN063072.D
Acq: 21 Aug 2020 11:16

Tgt Ion:106 Resp: 62651
Ion Ratio Lower Upper
106 100
91 216.0 108.0 324.0



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

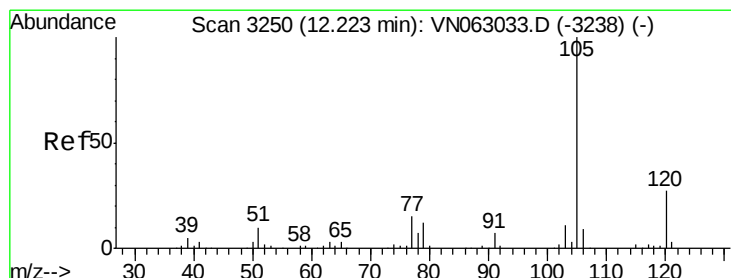
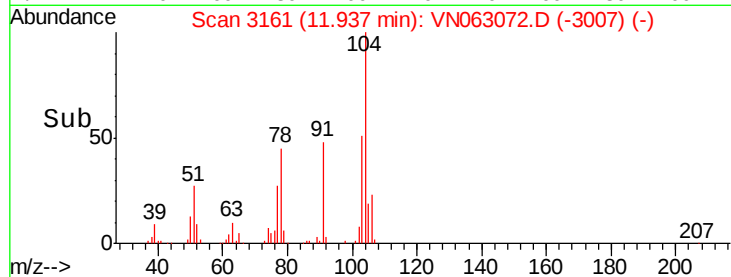
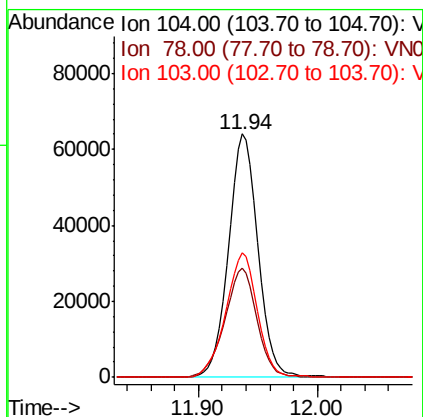
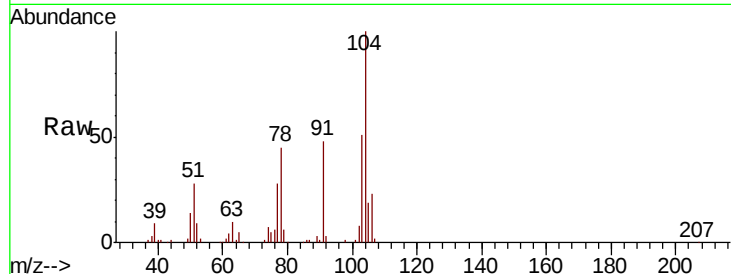




#69
Stvrene
Concen: 19.820 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN063072.D
Acq: 21 Aug 2020 11:16

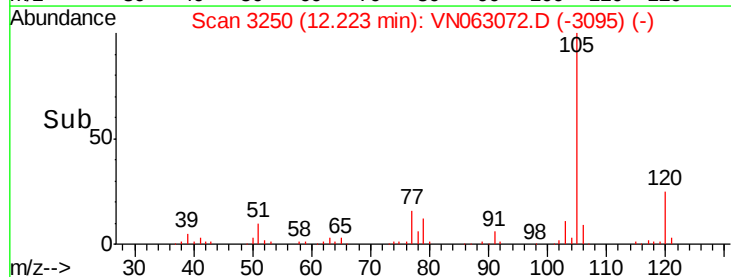
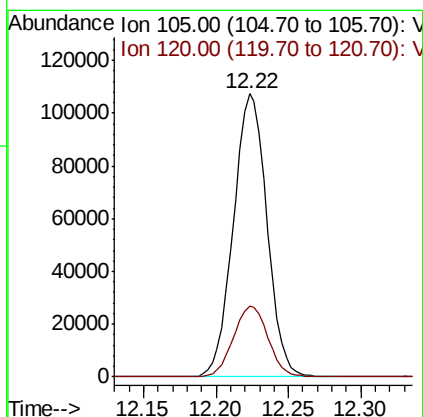
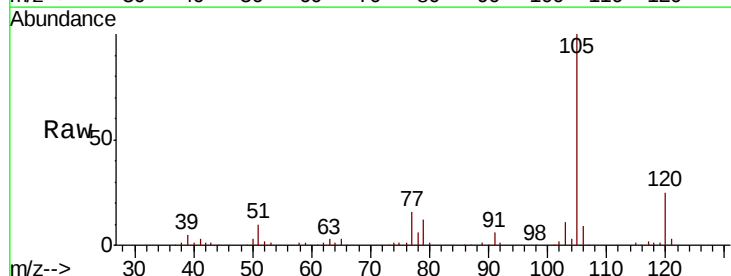
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

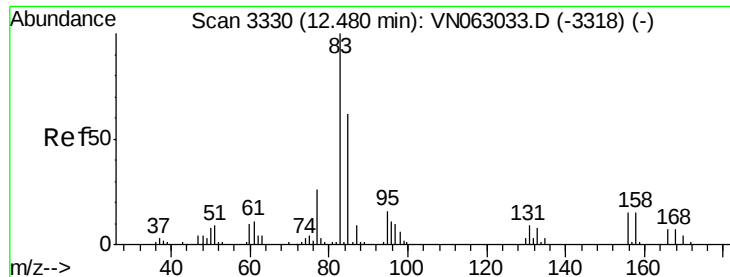
Tot Ion	Ratio	Lower	Upper
104	100		
78	48.7	39.6	59.4
103	54.6	44.4	66.6



#70
Isopropylbenzene
Concen: 19.971 ug/l
RT: 12.22 min Scan# 3250
Delta R.T. -0.00 min
Lab File: VN063072.D
Acq: 21 Aug 2020 11:16

Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.8	18.5	34.3

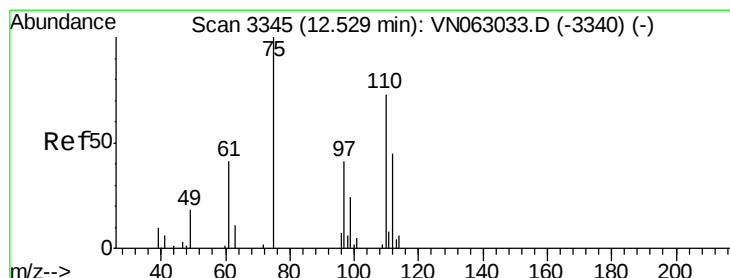
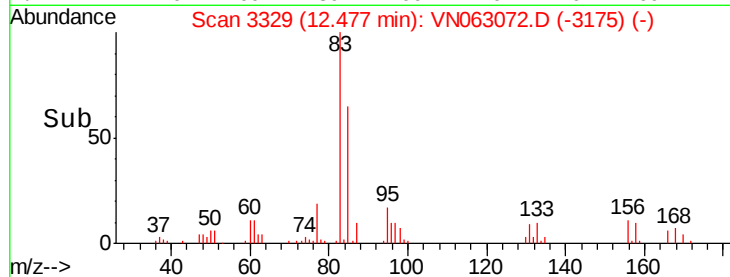
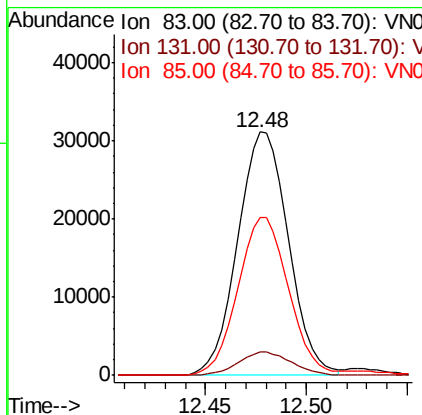
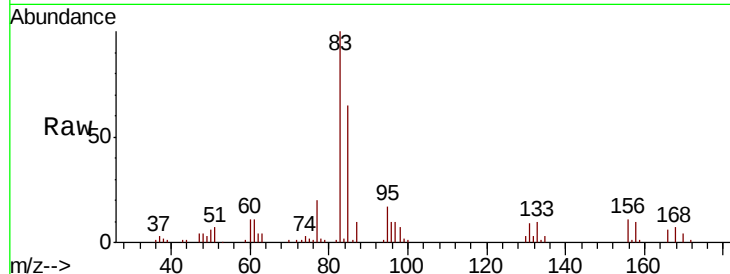




#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.776 ug/l
 RT: 12.48 min Scan# 3329
 Delta R.T. -0.00 min
 Lab File: VN063072.D
 Acq: 21 Aug 2020 11:16

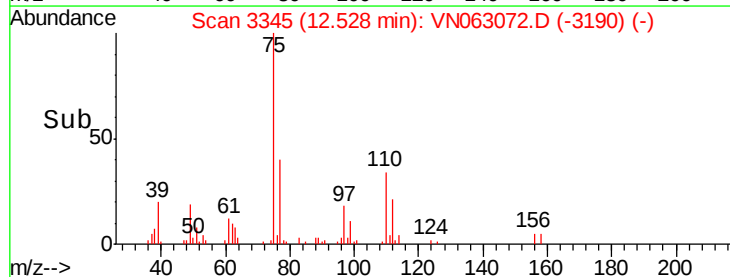
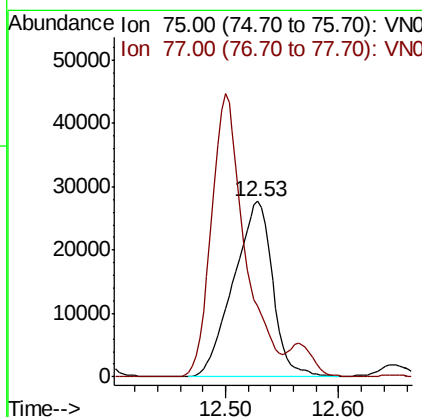
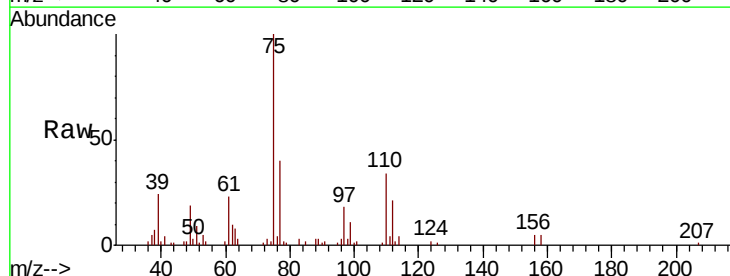
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

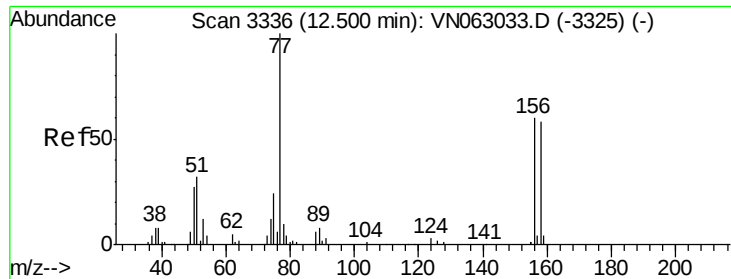
Tot Ion: 83 Resp: 54789
 Ion Ratio Lower Upper
 83 100
 131 9.9 4.5 13.7
 85 64.8 31.8 95.3



#72
 1,2,3-Trichloropropane
 Concen: 27.188 ug/l
 RT: 12.53 min Scan# 3345
 Delta R.T. -0.00 min
 Lab File: VN063072.D
 Acq: 21 Aug 2020 11:16

Tgt Ion: 75 Resp: 66837
 Ion Ratio Lower Upper
 75 100
 77 136.9 0.0 387.8





#73

Bromobenzene

Concen: 19.602 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN063072.D

Acq: 21 Aug 2020 11:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

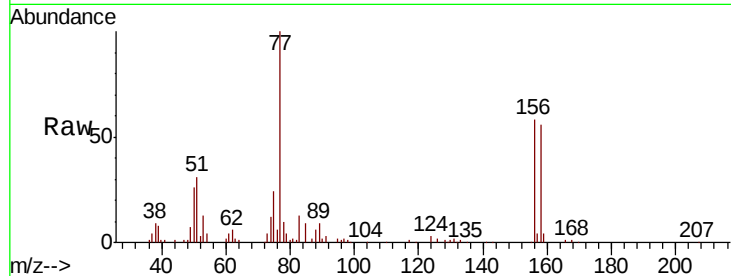
Tot Ion:156 Resp: 45670

Ion Ratio Lower Upper

156 100

77 200.3 0.0 398.6

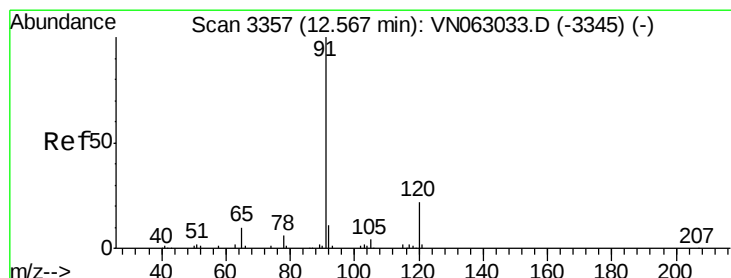
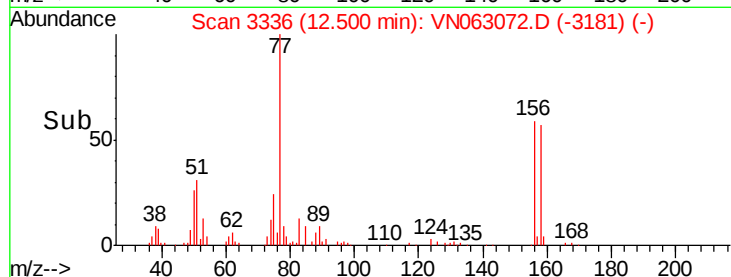
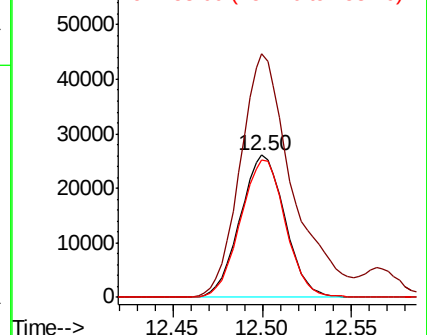
158 96.6 0.0 195.4



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 19.471 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN063072.D

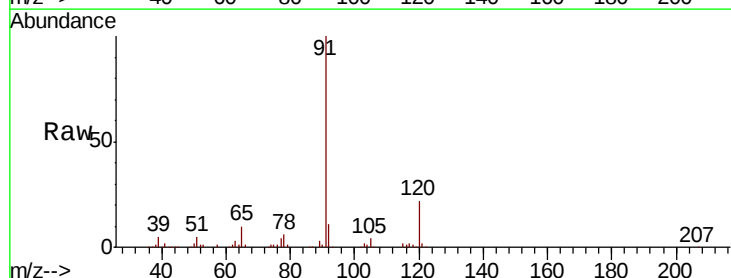
Acq: 21 Aug 2020 11:16

Tgt Ion: 91 Resp: 201787

Ion Ratio Lower Upper

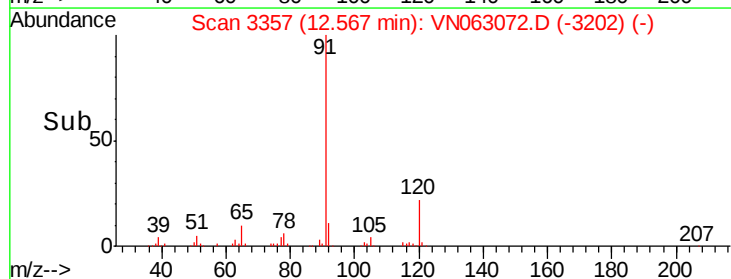
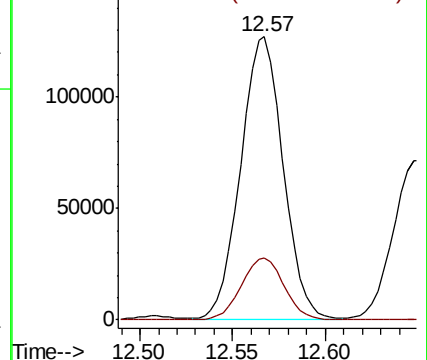
91 100

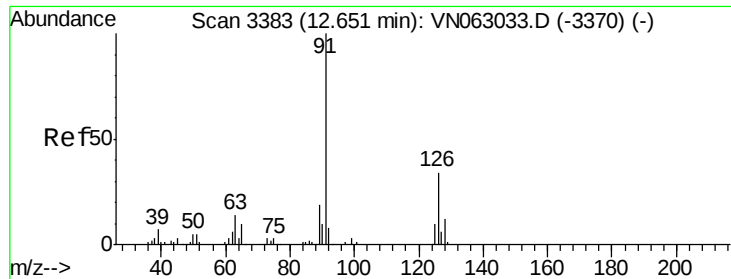
120 22.0 0.0 44.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

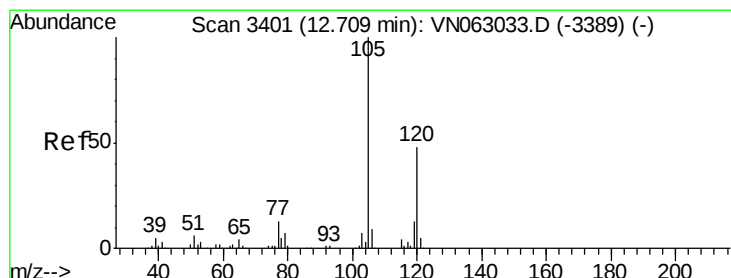
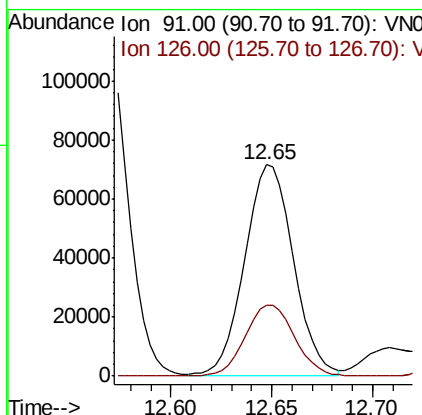
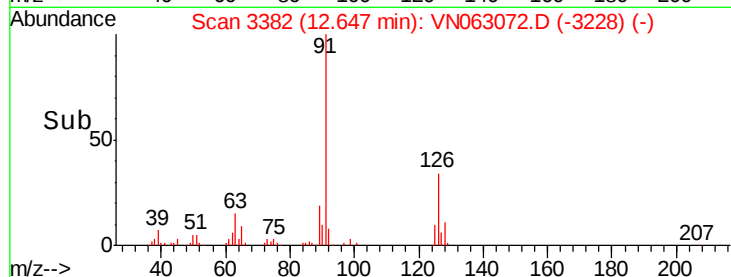
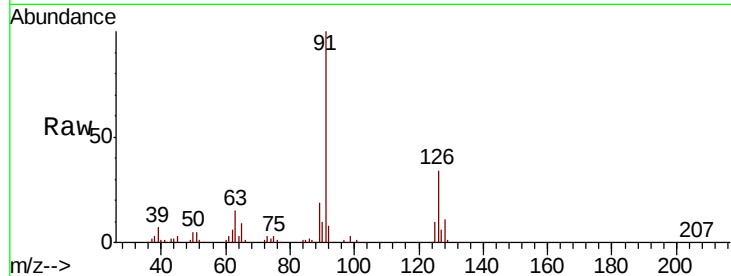




#75
2-Chlorotoluene
Concen: 19.570 ug/l
RT: 12.65 min Scan# 3382
Delta R.T. -0.00 min
Lab File: VN063072.D
Acq: 21 Aug 2020 11:16

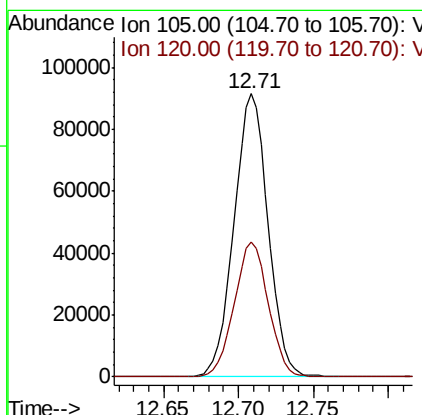
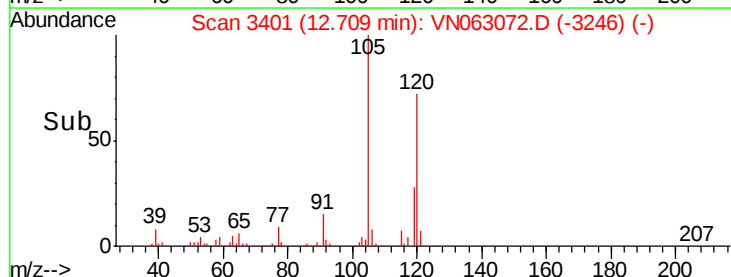
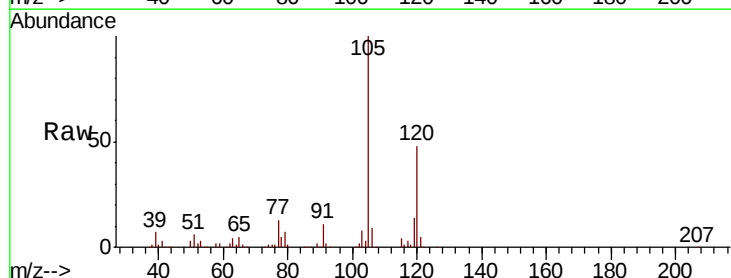
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020

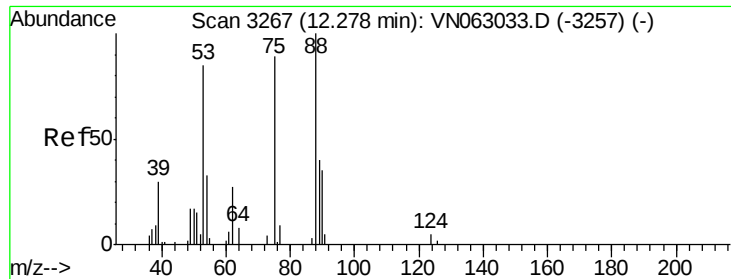
Tot Ion: 91 Resp: 120879
Ion Ratio Lower Upper
91 100
126 34.1 0.0 68.0



#76
1,3,5-Trimethylbenzene
Concen: 19.650 ug/l
RT: 12.71 min Scan# 3401
Delta R.T. -0.00 min
Lab File: VN063072.D
Acq: 21 Aug 2020 11:16

Tgt Ion:105 Resp: 144875
Ion Ratio Lower Upper
105 100
120 47.6 0.0 95.0





#77

t-1,4-Dichloro-2-butene

Concen: 18.990 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN063072.D

Acq: 21 Aug 2020 11:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

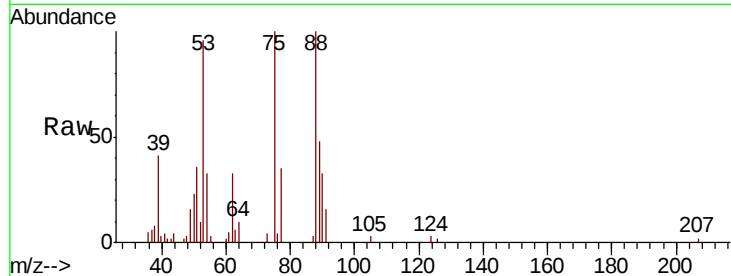
Tot Ion: 75 Resp: 16500

Ion Ratio Lower Upper

75 100

53 95.5 47.0 141.0

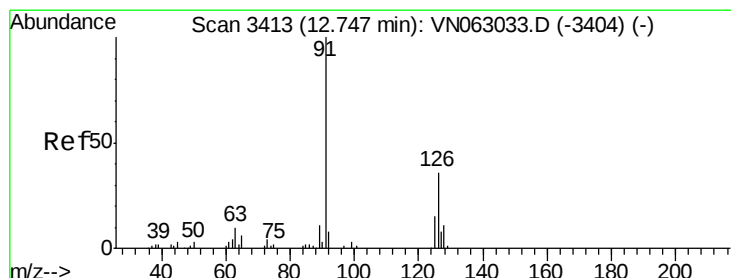
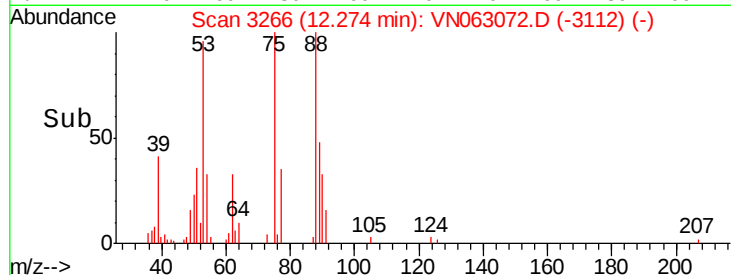
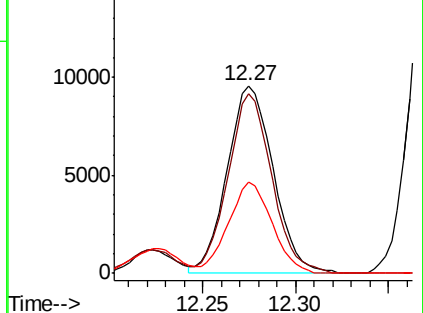
89 48.4 22.9 68.7



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 89.00 (88.70 to 89.70): VN0



#78

4-Chlorotoluene

Concen: 19.681 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN063072.D

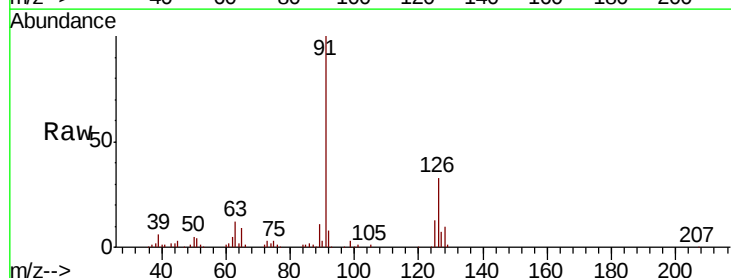
Acq: 21 Aug 2020 11:16

Tgt Ion: 91 Resp: 125334

Ion Ratio Lower Upper

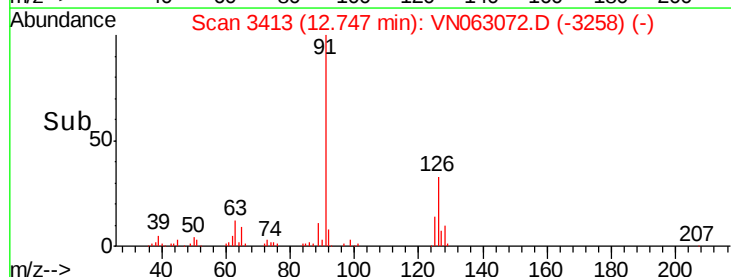
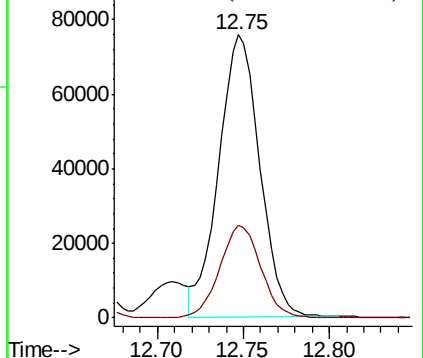
91 100

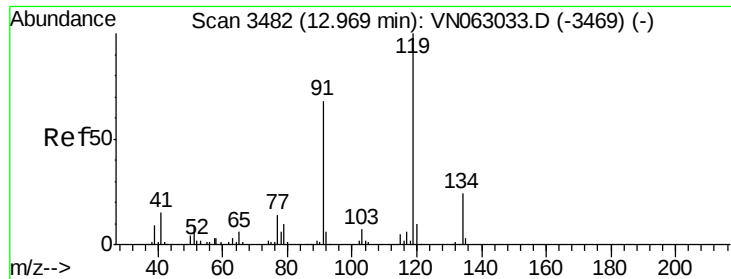
126 33.2 0.0 65.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 126.00 (125.70 to 126.70): V

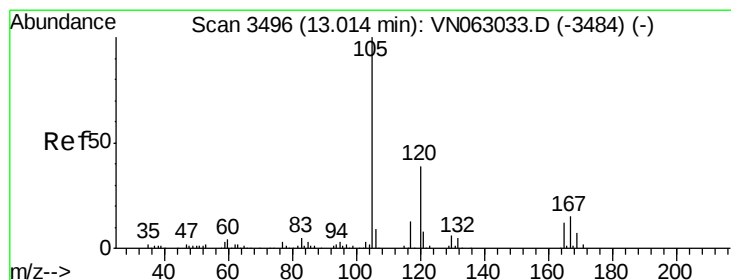
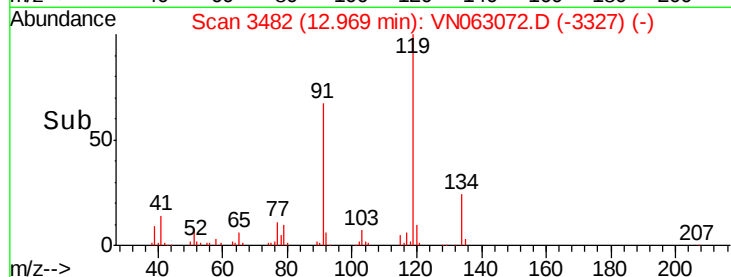
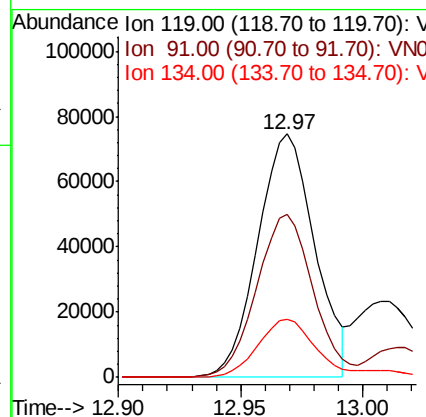
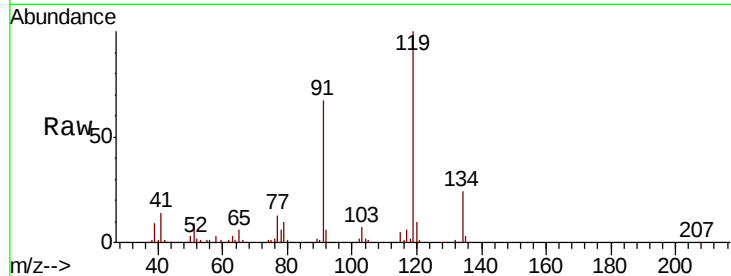




#79
tert-butylbenzene
Concen: 19.498 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. -0.00 min
Lab File: VN063072.D
Acq: 21 Aug 2020 11:16

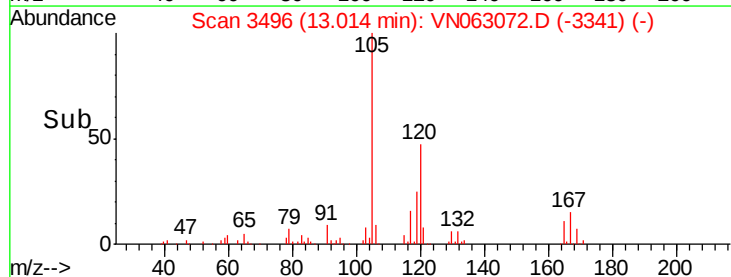
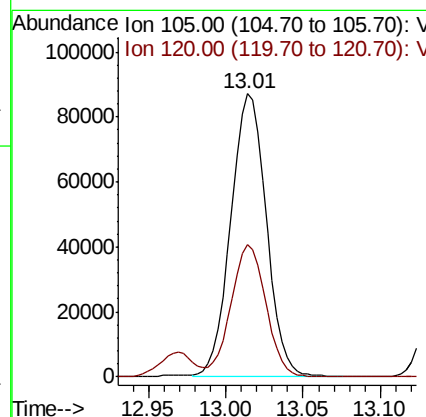
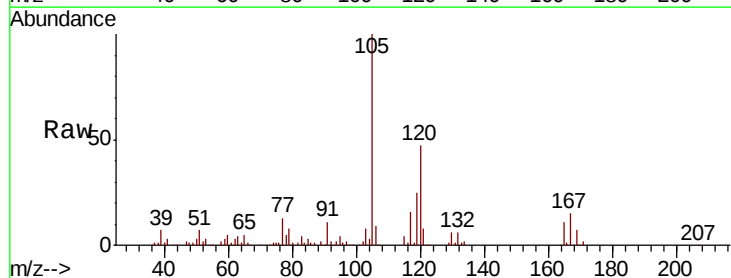
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

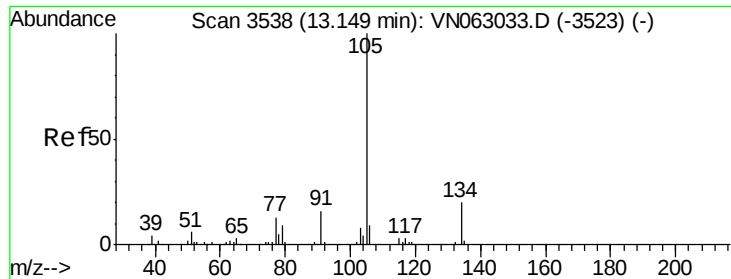
Tot Ion:119 Resp: 120959
Ion Ratio Lower Upper
119 100
91 66.6 0.0 136.8
134 24.1 0.0 48.8



#80
1,2,4-Trimethylbenzene
Concen: 19.232 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. -0.00 min
Lab File: VN063072.D
Acq: 21 Aug 2020 11:16

Tgt Ion:105 Resp: 138027
Ion Ratio Lower Upper
105 100
120 46.3 0.0 90.4

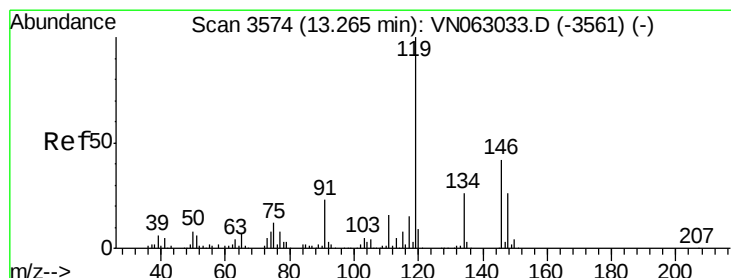
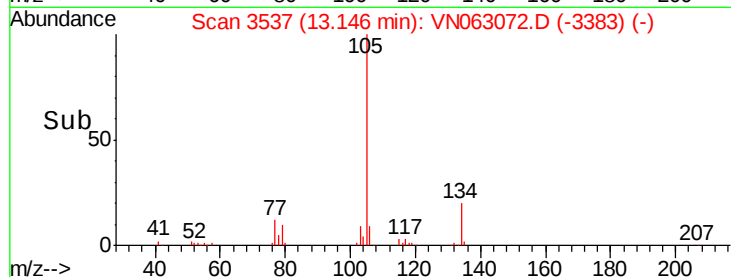
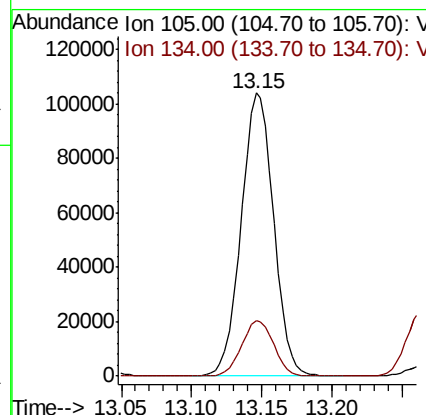
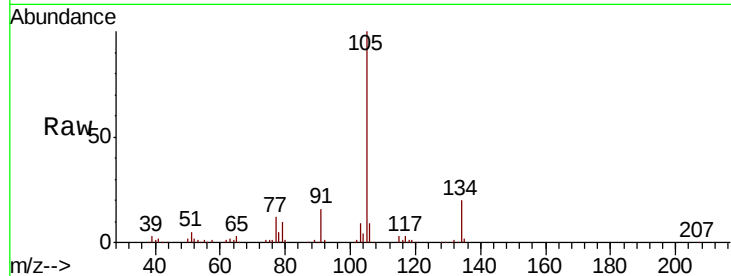




#81
 sec-Butylbenzene
 Concen: 19.499 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. -0.00 min
 Lab File: VN063072.D
 Acq: 21 Aug 2020 11:16

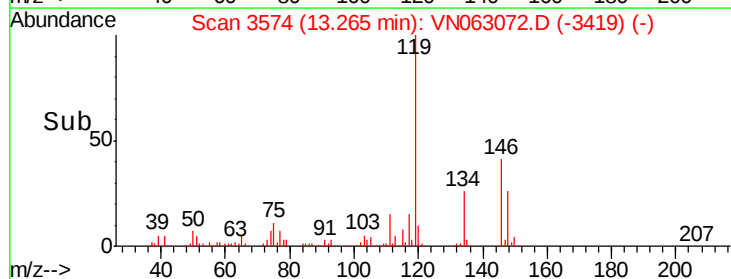
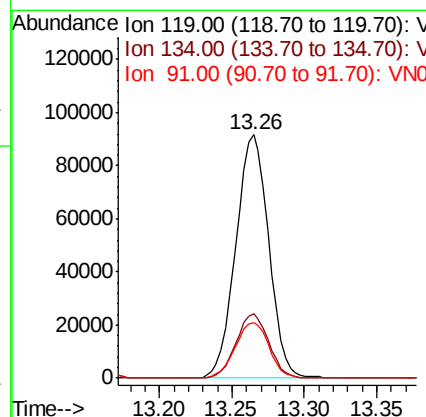
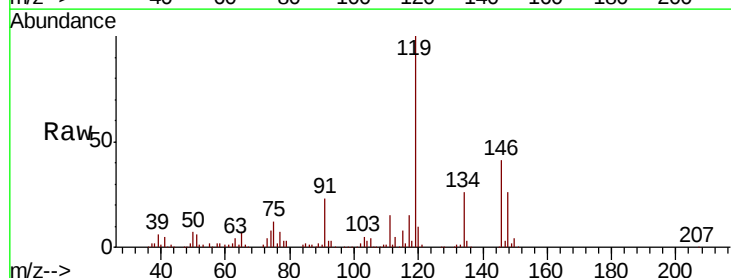
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

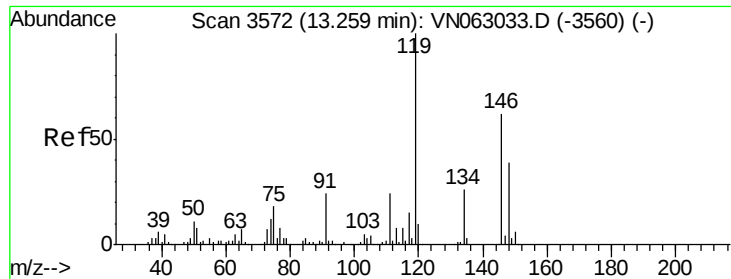
Tot Ion:105 Resp: 166628
 Ion Ratio Lower Upper
 105 100
 134 19.6 0.0 39.4



#82
 p-Isopropyltoluene
 Concen: 19.056 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN063072.D
 Acq: 21 Aug 2020 11:16

Tgt Ion:119 Resp: 144367
 Ion Ratio Lower Upper
 119 100
 134 26.2 0.0 52.2
 91 23.5 0.0 46.2

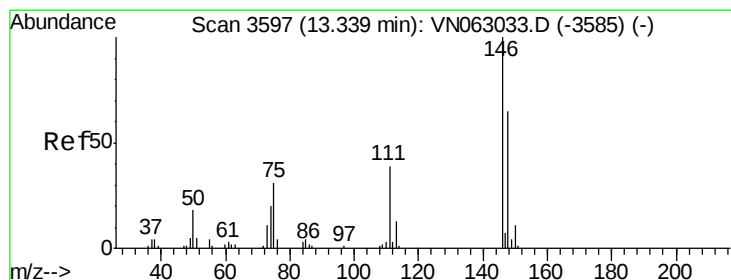
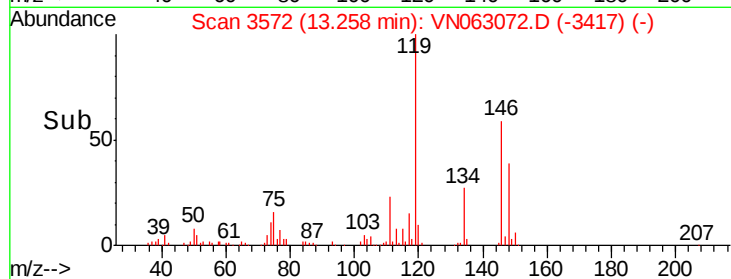
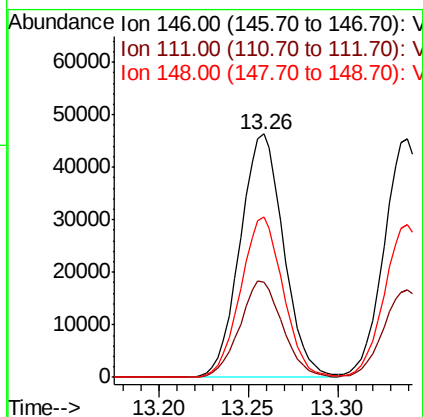
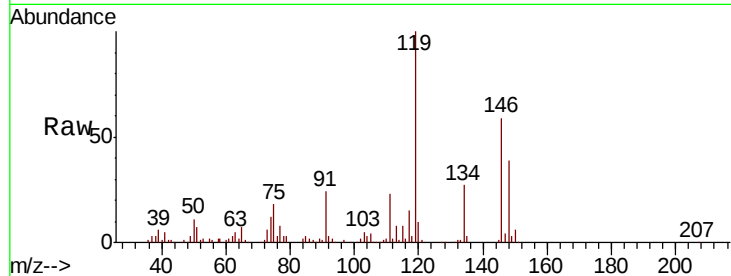




#83
 1,3-Dichlorobenzene
 Concen: 19.454 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN063072.D
 Acq: 21 Aug 2020 11:16

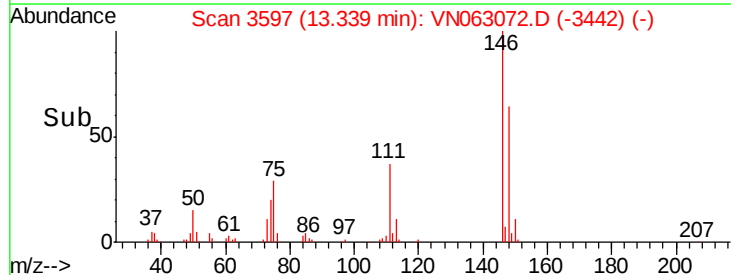
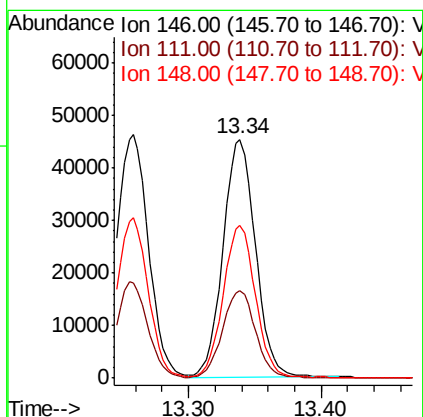
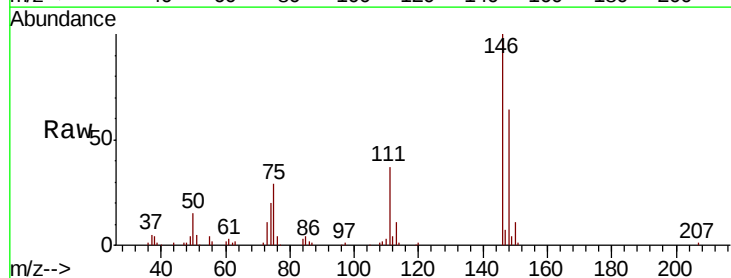
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

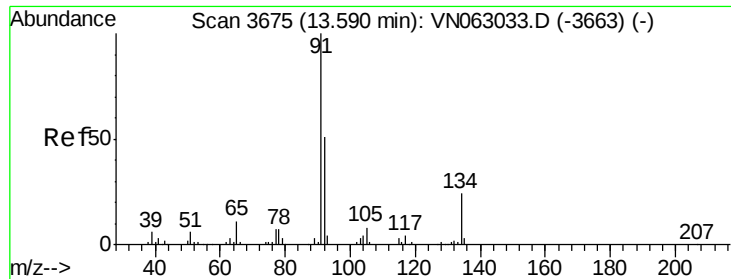
Tot Ion:146 Resp: 79135
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.4 58.1
 148 64.3 31.5 94.5



#84
 1,4-Dichlorobenzene
 Concen: 19.370 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN063072.D
 Acq: 21 Aug 2020 11:16

Tgt Ion:146 Resp: 77009
 Ion Ratio Lower Upper
 146 100
 111 37.7 18.6 55.8
 148 63.1 31.6 94.8

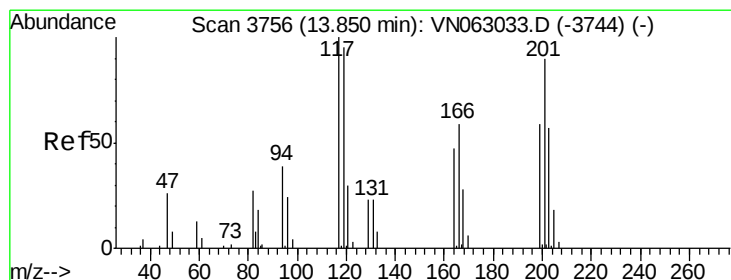
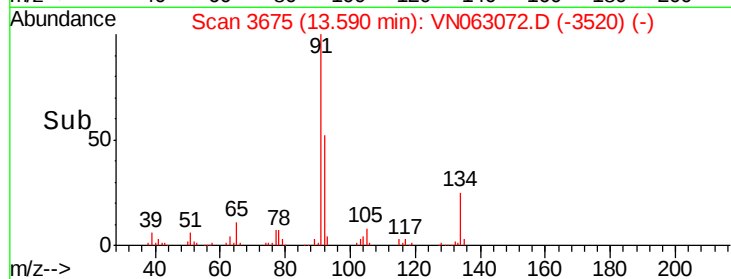
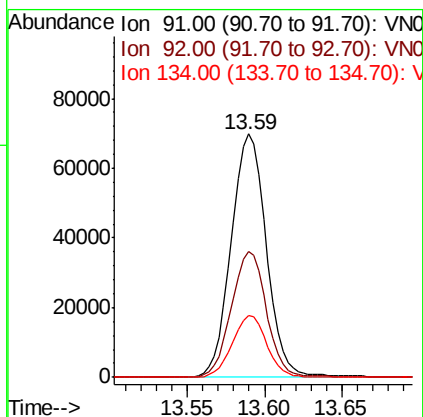
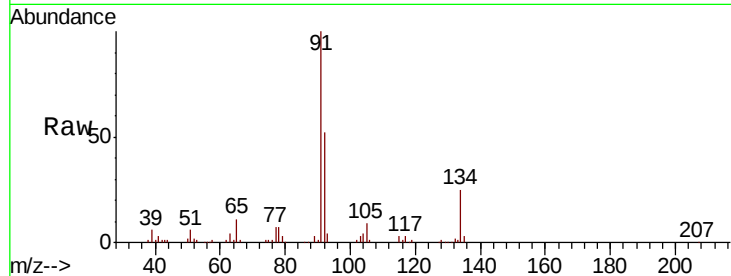




#85
n-Butylbenzene
Concen: 17.515 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN063072.D
Acq: 21 Aug 2020 11:16

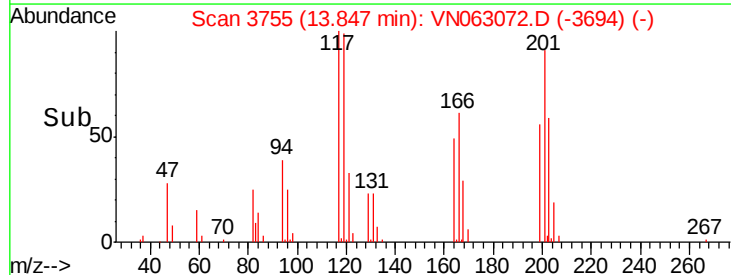
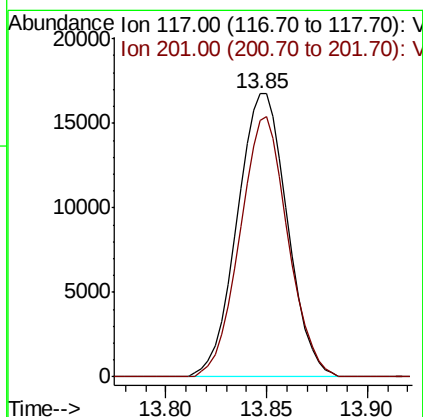
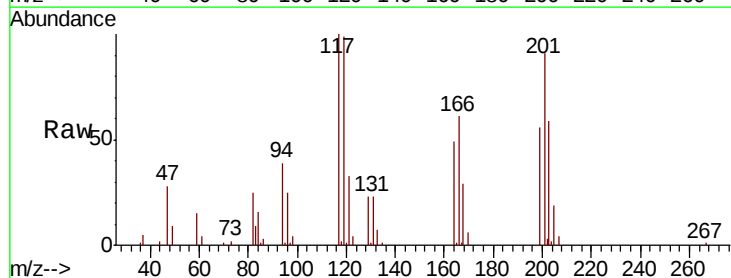
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020

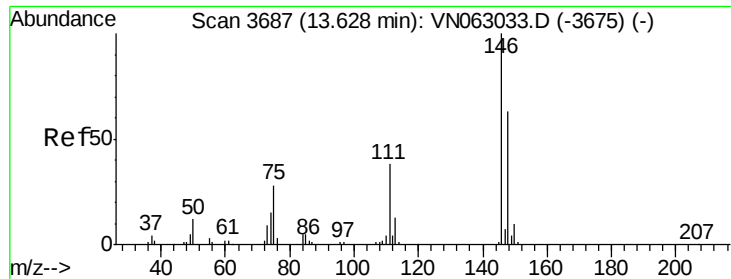
Tot Ion: 91 Resp: 110271
Ion Ratio Lower Upper
91 100
92 51.7 0.0 100.6
134 24.7 0.0 47.4



#86
Hexachloroethane
Concen: 19.528 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN063072.D
Acq: 21 Aug 2020 11:16

Tgt Ion: 117 Resp: 29138
Ion Ratio Lower Upper
117 100
201 88.0 46.1 138.3

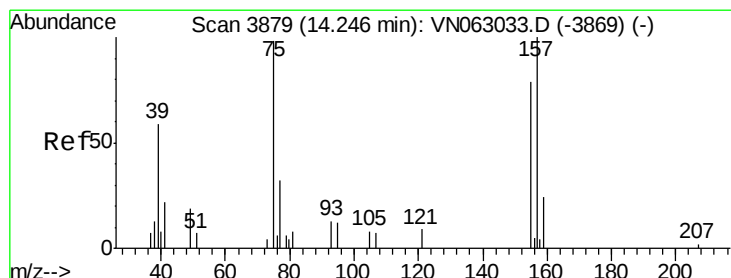
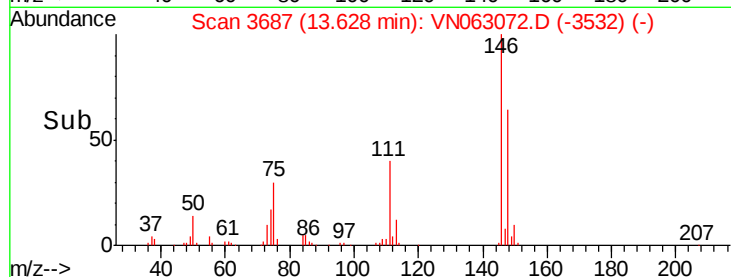
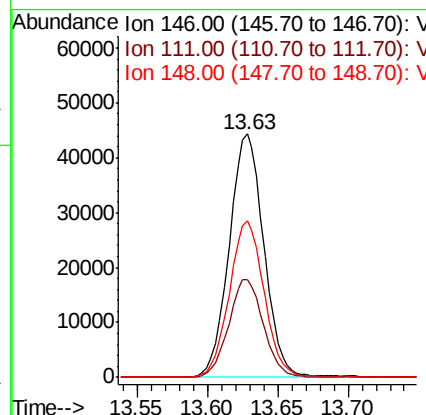
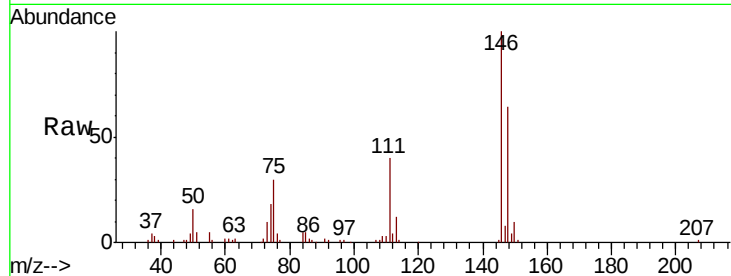




#87
 1,2-Dichlorobenzene
 Concen: 19.523 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN063072.D
 Acq: 21 Aug 2020 11:16

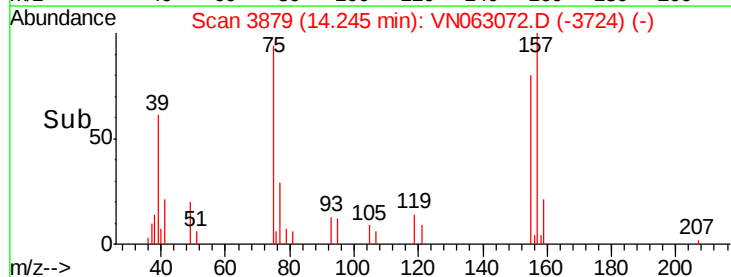
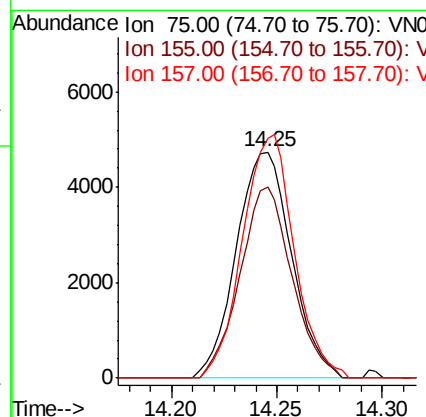
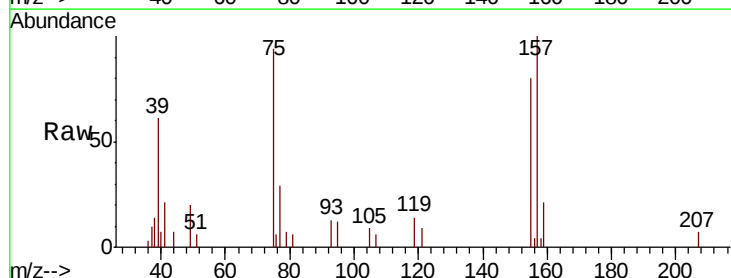
Instrument :
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 ClientSampleId :
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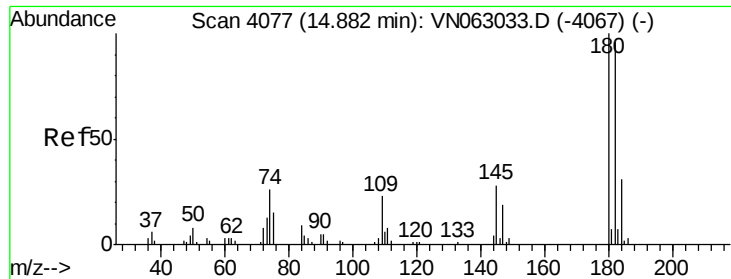
Tot Ion:146 Resp: 76062
 Ion Ratio Lower Upper
 146 100
 111 40.2 19.1 57.3
 148 64.4 31.8 95.4



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.700 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. -0.00 min
 Lab File: VN063072.D
 Acq: 21 Aug 2020 11:16

Tgt Ion: 75 Resp: 8657
 Ion Ratio Lower Upper
 75 100
 155 79.3 64.8 97.2
 157 100.5 81.2 121.8

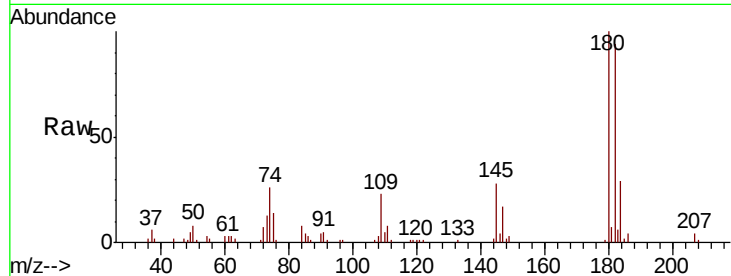




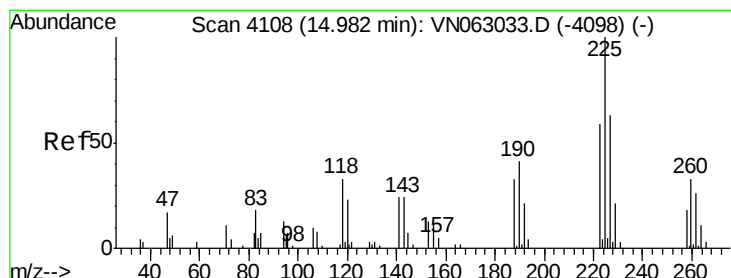
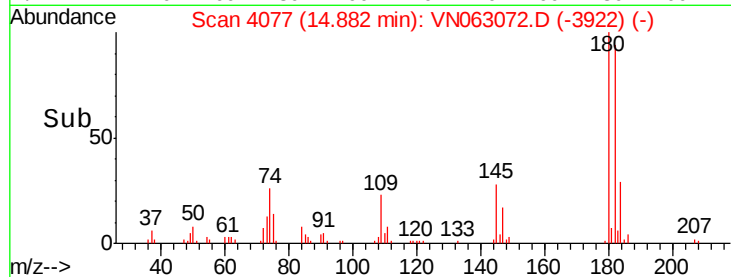
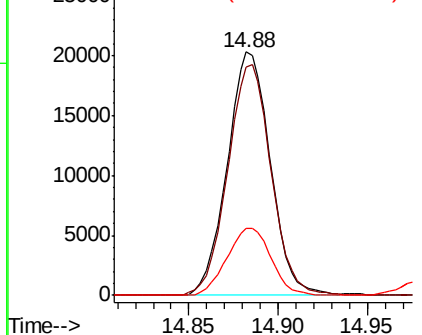
#89
 1,2,4-Trichlorobenzene
 Concen: 17.719 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN063072.D
 Acq: 21 Aug 2020 11:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tot Ion:180 Resp: 34068
 Ion Ratio Lower Upper
 180 100
 182 95.2 76.9 115.3
 145 28.0 21.9 32.9

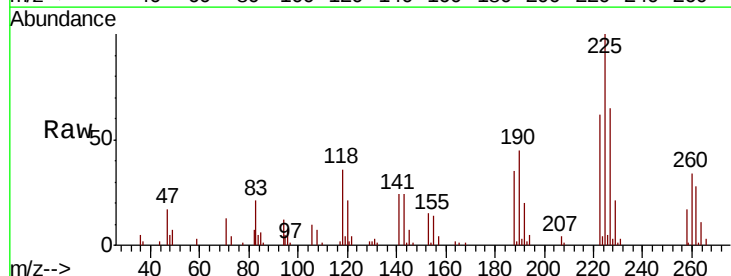


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

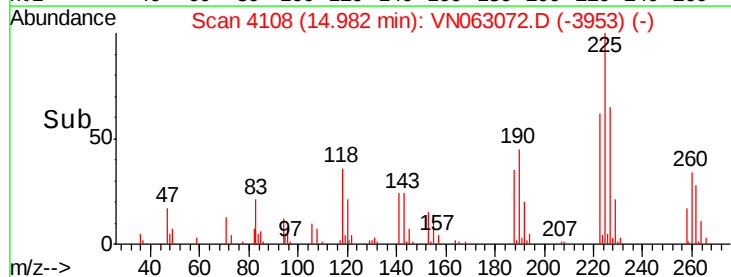
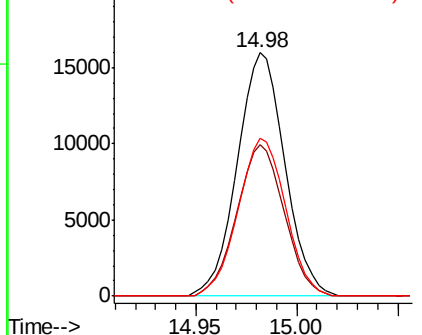


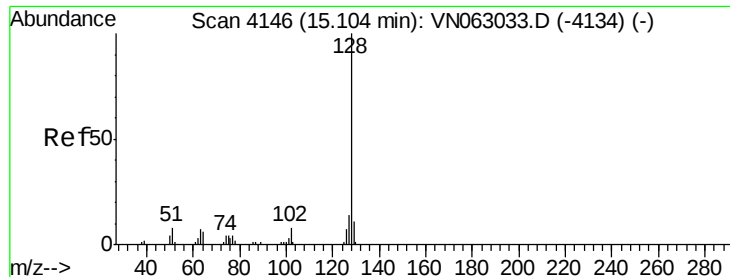
#90
 Hexachlorobutadiene
 Concen: 18.516 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN063072.D
 Acq: 21 Aug 2020 11:16

Tgt Ion:225 Resp: 26349
 Ion Ratio Lower Upper
 225 100
 223 61.9 0.0 122.8
 227 64.8 0.0 125.6



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

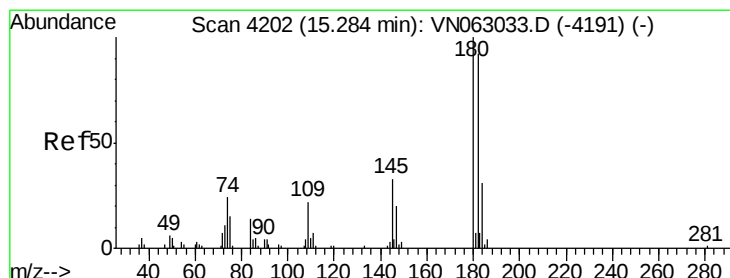
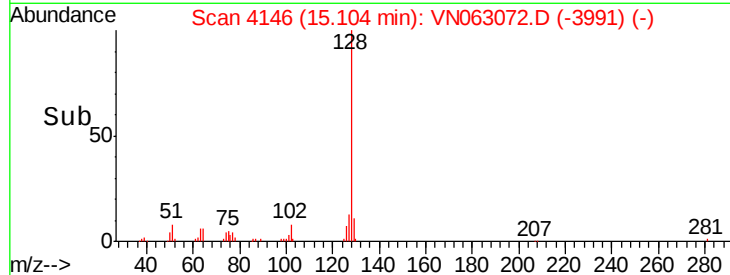
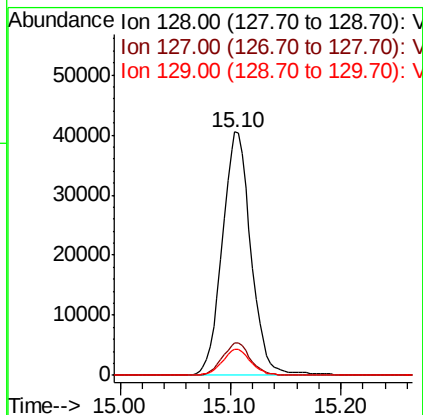
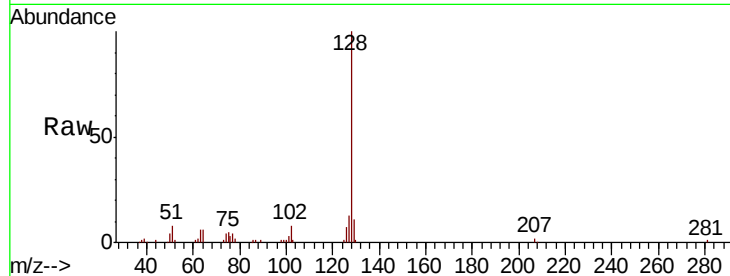




#91
Naphthalene
Concen: 17.167 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN063072.D
Acq: 21 Aug 2020 11:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion:128 Resp: 72931
Ion Ratio Lower Upper
128 100
127 12.9 11.1 16.7
129 10.4 8.4 12.6



#92
1,2,3-Trichlorobenzene
Concen: 18.045 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN063072.D
Acq: 21 Aug 2020 11:16

Tgt Ion:180 Resp: 34637
Ion Ratio Lower Upper
180 100
182 95.4 0.0 188.0
145 29.7 0.0 62.0

