

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072020\
 Data File : VN062553.D
 Acq On : 20 Jul 2020 10:24
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Quant Time: Jul 21 00:52:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N071320W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Jul 14 00:52:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	40812	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	213533	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	198022	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.99	65	102747	29.31	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	97.70%
60) 4-Bromofluorobenzene	12.37	95	101719	30.18	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	100.60%
63) Toluene-d8	10.06	98	285919	30.56	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.87%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.83	85	44451	18.453	ug/l 100
3) Chloromethane	2.04	50	61017	17.543	ug/l 98
4) Vinyl Chloride	2.16	62	52659	17.319	ug/l 100
5) Bromomethane	2.53	94	24457	16.214	ug/l 91
6) Chloroethane	2.67	64	25766	17.214	ug/l 99
7) Trichlorofluoromethane	2.98	101	68094	19.109	ug/l 97
8) Diethyl Ether	3.37	74	31268	18.253	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	43129	18.722	ug/l 98
10) 1,1-Dichloroethene	3.69	96	42969	18.283	ug/l 94
11) Methyl Iodide	3.91	142	53695	18.657	ug/l 97
12) Methyl Acetate	4.28	43	58246	18.480	ug/l 98
13) Acrolein	3.57	56	41436	87.989	ug/l 95
14) Acrylonitrile	4.93	53	134492	91.747	ug/l 99
15) Acetone	3.77	58	47335	105.190	ug/l 95
16) Carbon Disulfide	4.01	76	135407	17.680	ug/l 99
17) Allyl chloride	4.28	41	91243	18.255	ug/l 98
18) Methylene Chloride	4.50	84	54969	19.009	ug/l 95
19) trans-1,2-Dichloroethene	4.99	96	46247	17.779	ug/l 96
20) Diisopropyl ether	5.90	45	191192	18.608	ug/l 99
21) 1,1-Dichloroethane	5.80	63	98182	18.074	ug/l 99
22) cis-1,2-Dichloroethene	6.78	96	53429	18.214	ug/l 99
23) tert-Butyl Alcohol	4.73	59	47352	96.523	ug/l # 100
24) Methyl tert-Butyl Ether	4.99	73	157370	18.163	ug/l 98
25) Chloroform	7.33	83	94419	18.953	ug/l 100
26) Cyclohexane	7.61	56	82253	17.179	ug/l # 98
29) 1,1-Dichloropropene	7.75	75	69421	19.166	ug/l 98
30) 2-Butanone	6.79	43	195614	101.834	ug/l 98
31) 2,2-Dichloropropane	6.77	77	81203	19.883	ug/l # 72
32) 1,1,1-Trichloroethane	7.53	97	79338	20.380	ug/l 99
33) Carbon Tetrachloride	7.73	117	67812	20.095	ug/l 98
34) Benzene	8.00	78	213540	19.844	ug/l 98
35) Methacrylonitrile	7.13	41	37655	22.316	ug/l 93
36) 1,2-Dichloroethane	8.08	62	78777	20.368	ug/l 100
37) Trichloroethene	8.80	130	48334	19.997	ug/l 94
38) Methylcyclohexane	9.05	83	74596	18.359	ug/l 99
39) 1,2-Dichloropropane	9.08	63	60814	19.838	ug/l 100
40) Dibromomethane	9.18	93	35195	19.921	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.37	83	75368	20.112	ug/l	98
42) Vinyl Acetate	5.84	43	769058	96.346	ug/l	100
43) Ethyl Acetate	6.88	43	75695	19.600	ug/l	97
44) Isopropyl Acetate	8.12	43	122235	18.865	ug/l	98
45) 1,4-Dioxane	9.16	88	19028	429.293	ug/l	98
46) Methyl methacrylate	9.17	41	58564	19.052	ug/l	98
47) n-amyl Acetate	12.05	43	100413	18.384	ug/l	99
48) t-1,3-Dichloropropene	10.35	75	85043	19.457	ug/l	99
49) cis-1,3-Dichloropropene	9.81	75	90848	19.255	ug/l	98
50) 1,1,2-Trichloroethane	10.53	97	50594	20.430	ug/l	97
51) Ethyl methacrylate	10.40	69	76154	18.264	ug/l	99
52) 1,3-Dichloropropane	10.68	76	90935	20.007	ug/l	99
53) Dibromochloromethane	10.87	129	53806	19.941	ug/l	98
54) 1,2-Dibromoethane	10.98	107	50284	19.837	ug/l	99
55) 2-Chloroethyl vinyl ether	9.66	63	113162	84.974	ug/l	99
56) Bromoform	12.10	173	36815	19.977	ug/l	97
58) 4-Methyl-2-Pentanone	9.95	43	376418	97.566	ug/l	99
59) 2-Hexanone	10.72	43	277113	97.936	ug/l	100
61) Tetrachloroethene	10.60	164	40402	19.923	ug/l	96
62) Toluene	10.12	91	218984	19.493	ug/l	99
64) Chlorobenzene	11.40	112	130345	19.746	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.48	131	49138	20.110	ug/l	99
66) Ethyl Benzene	11.48	91	235566	18.936	ug/l	98
67) m/p-Xylenes	11.59	106	171998	38.092	ug/l	97
68) o-Xylene	11.92	106	81943	18.910	ug/l	99
69) Styrene	11.94	104	140038	19.041	ug/l	99
70) Isopropylbenzene	12.22	105	223675	19.229	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.48	83	74849	19.909	ug/l	99
72) 1,2,3-Trichloropropane	12.53	75	98385	26.904	ug/l	59
73) Bromobenzene	12.50	156	52827	19.609	ug/l	99
74) n-propylbenzene	12.56	91	266714	19.289	ug/l	100
75) 2-Chlorotoluene	12.65	91	161056	19.346	ug/l	100
76) 1,3,5-Trimethylbenzene	12.71	105	191172	19.288	ug/l	98
77) t-1,4-Dichloro-2-butene	12.27	75	26154	19.123	ug/l	92
78) 4-Chlorotoluene	12.75	91	161713	19.037	ug/l	100
79) tert-butylbenzene	12.97	119	155721	18.974	ug/l	99
80) 1,2,4-Trimethylbenzene	13.01	105	186991	19.182	ug/l	99
81) sec-Butylbenzene	13.15	105	209616	19.018	ug/l	100
82) p-Isopropyltoluene	13.27	119	184334	18.952	ug/l	99
83) 1,3-Dichlorobenzene	13.26	146	91040	19.459	ug/l	99
84) 1,4-Dichlorobenzene	13.34	146	88562	19.183	ug/l	99
85) n-Butylbenzene	13.59	91	148832	17.838	ug/l	99
86) Hexachloroethane	13.85	117	36695	19.551	ug/l	98
87) 1,2-Dichlorobenzene	13.63	146	88455	19.661	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	14.24	75	13948	19.645	ug/l	99
89) 1,2,4-Trichlorobenzene	14.88	180	38527	17.202	ug/l	98
90) Hexachlorobutadiene	14.98	225	25406	20.452	ug/l	96
91) Naphthalene	15.10	128	95617	15.746	ug/l	98
92) 1,2,3-Trichlorobenzene	15.28	180	40542	17.960	ug/l	98

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QLast Update : Tue Jul 14 00:52:57 2020
Response via : Initial Calibration

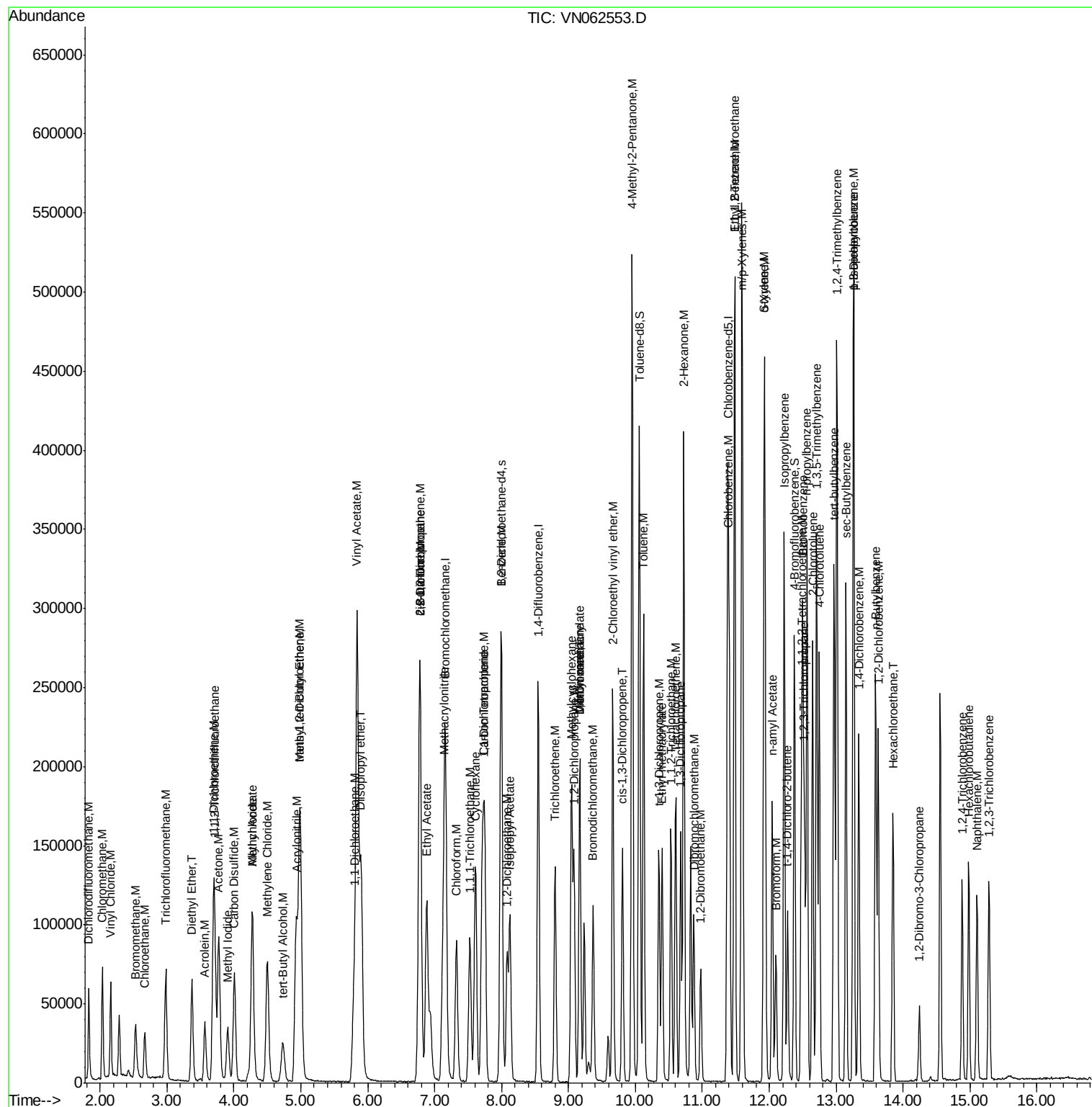
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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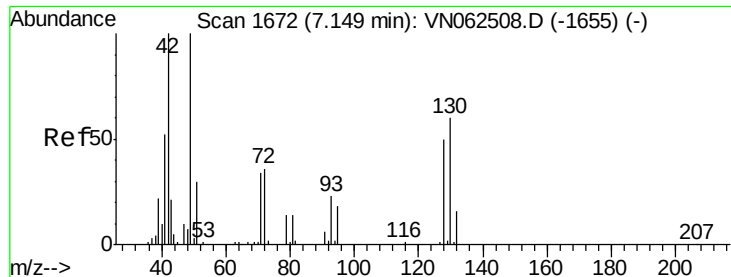
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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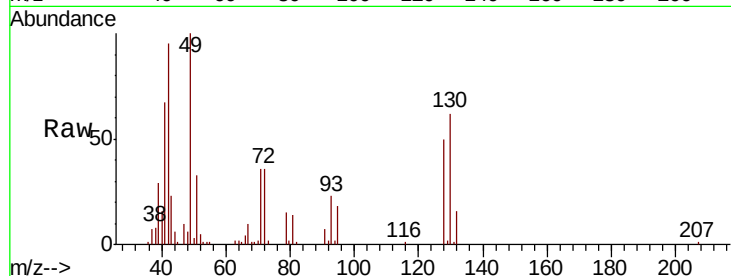




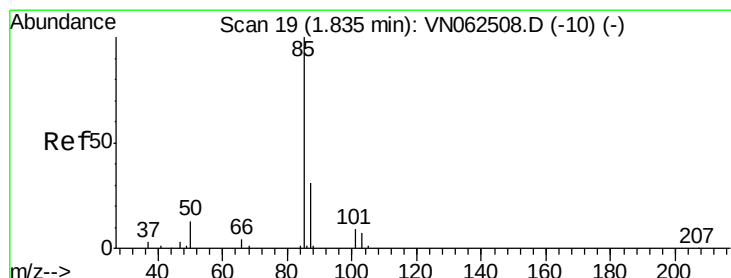
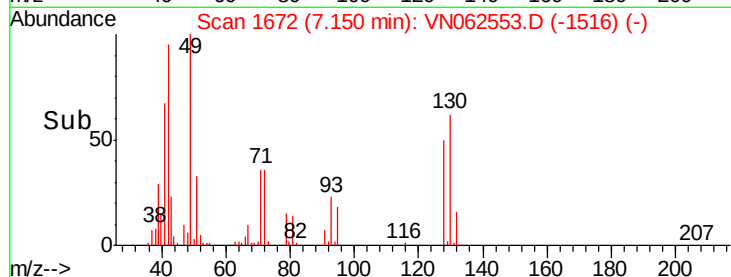
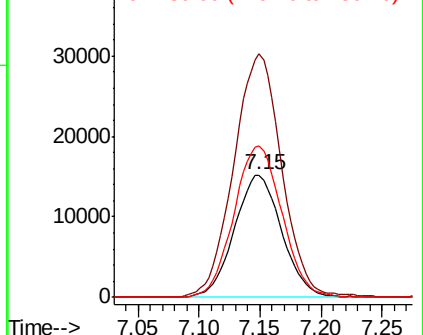
#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 7.15 min Scan# 1672
 Delta R.T. 0.00 min
 Lab File: VN062553.D
 Acq: 20 Jul 2020 10:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tot Ion:128 Resp: 40812
 Ion Ratio Lower Upper
 128 100
 49 201.5 0.0 525.0
 130 126.1 0.0 319.8

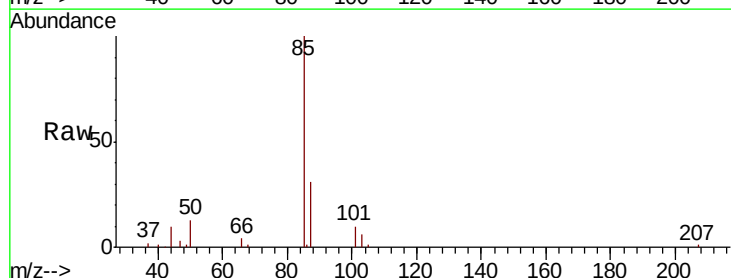


Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 49.00 (48.70 to 49.70): V
 Ion 130.00 (129.70 to 130.70): V

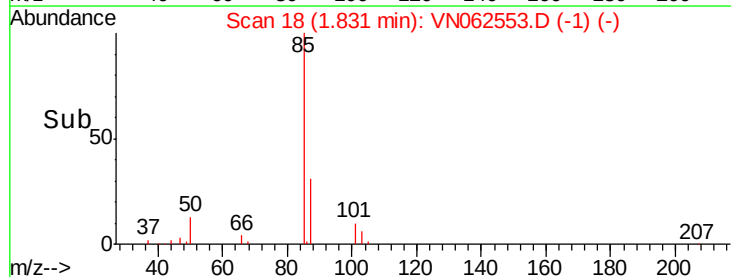
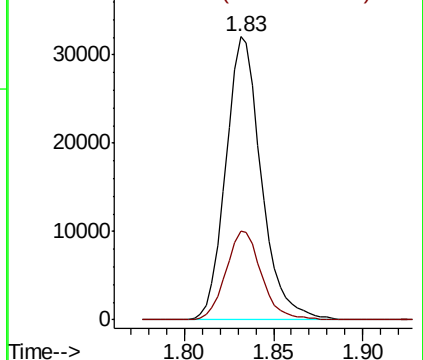


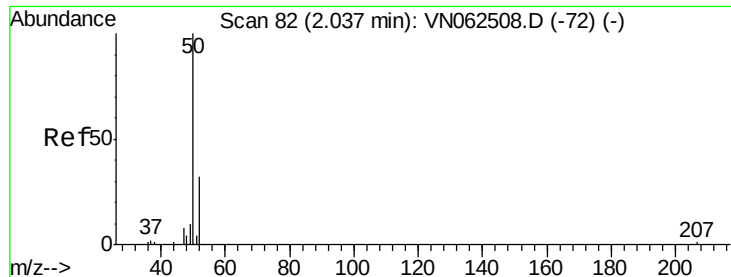
#2
 Dichlorodifluoromethane
 Concen: 18.453 ug/l
 RT: 1.83 min Scan# 18
 Delta R.T. -0.00 min
 Lab File: VN062553.D
 Acq: 20 Jul 2020 10:24

Tgt Ion: 85 Resp: 44451
 Ion Ratio Lower Upper
 85 100
 87 31.2 15.6 46.7



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





#3

Chloromethane

Concen: 17.543 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN062553.D

Acq: 20 Jul 2020 10:24

Instrument :

MSVOA_N

ClientSampleId :

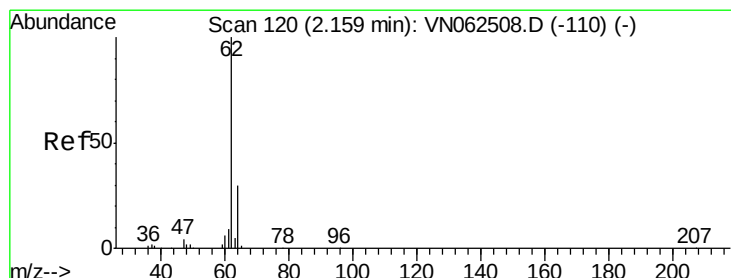
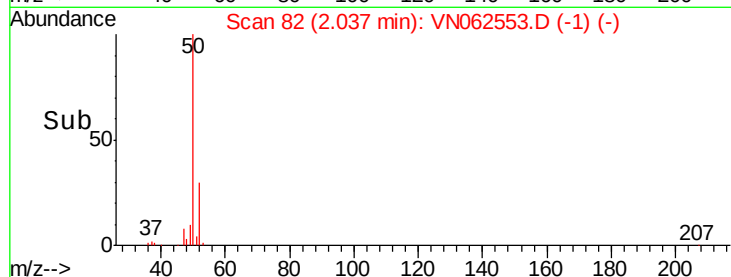
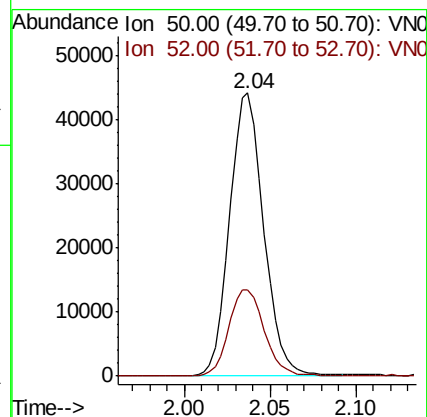
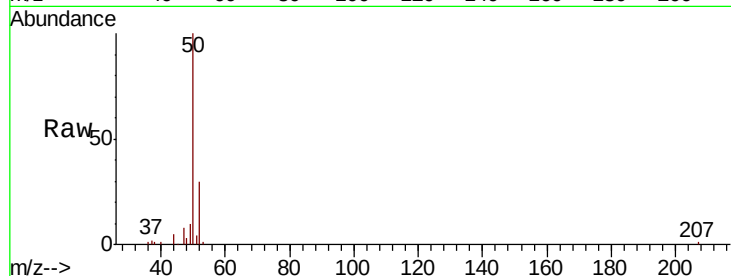
VSTDCCC020

Tot Ion: 50 Resp: 61017

Ion Ratio Lower Upper

50 100

52 30.5 25.4 38.2



#4

Vinyl Chloride

Concen: 17.319 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062553.D

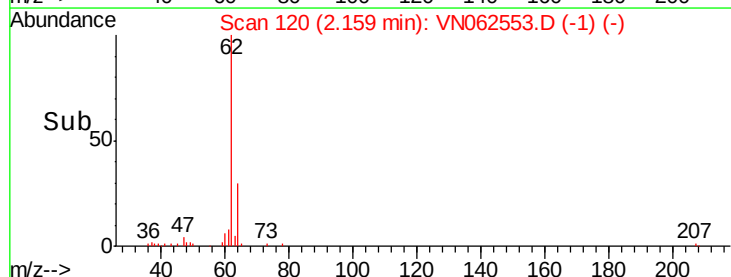
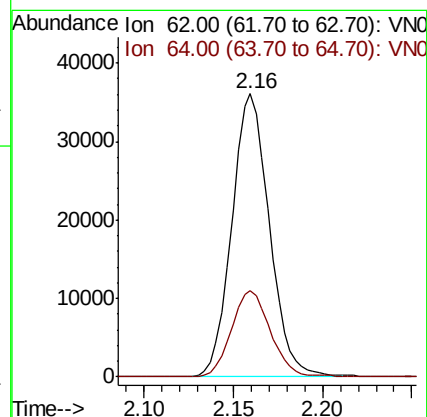
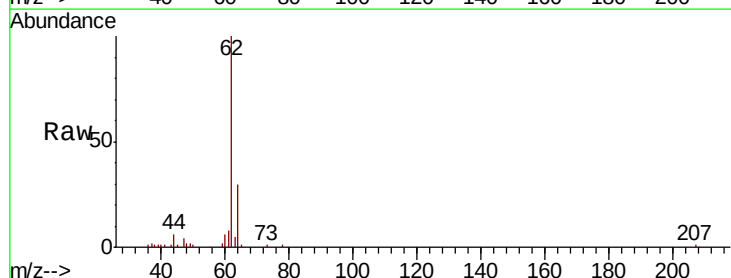
Acq: 20 Jul 2020 10:24

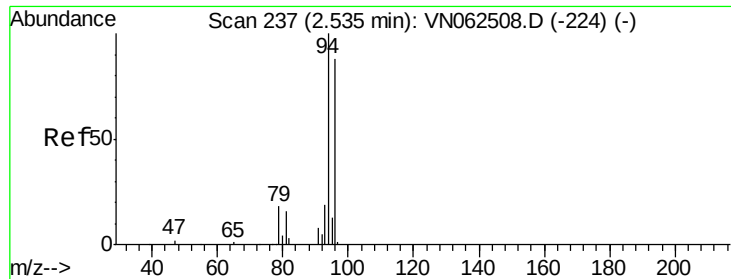
Tgt Ion: 62 Resp: 52659

Ion Ratio Lower Upper

62 100

64 30.3 24.3 36.5





#5

Bromomethane

Concen: 16.214 ug/l

RT: 2.53 min Scan# 236

Delta R.T. -0.00 min

Lab File: VN062553.D

Acq: 20 Jul 2020 10:24

Instrument :

MSVOA_N

ClientSampleId :

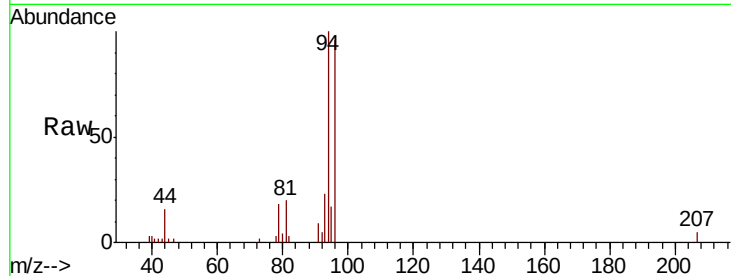
VSTDCCC020

Tot Ion: 94 Resp: 24457

Ion Ratio Lower Upper

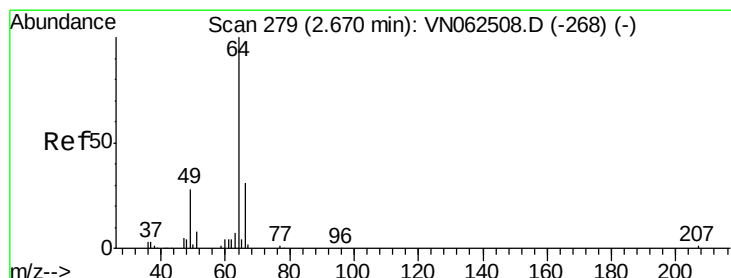
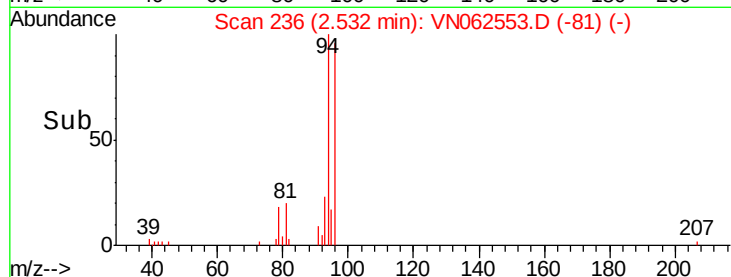
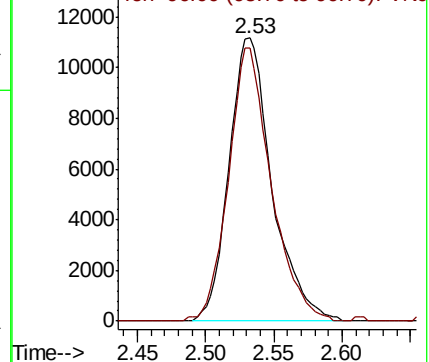
94 100

96 96.3 70.2 105.4



Abundance Ion 94.00 (93.70 to 94.70): VN0

Ion 96.00 (95.70 to 96.70): VN0



#6

Chloroethane

Concen: 17.214 ug/l

RT: 2.67 min Scan# 279

Delta R.T. 0.00 min

Lab File: VN062553.D

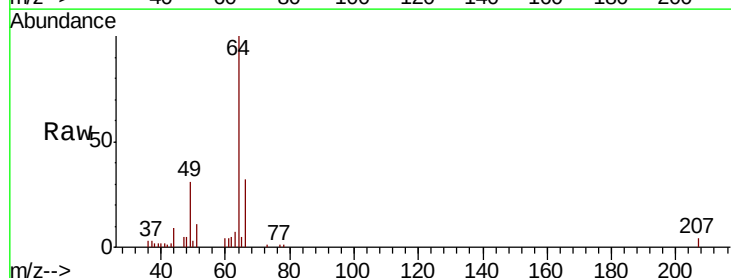
Acq: 20 Jul 2020 10:24

Tgt Ion: 64 Resp: 25766

Ion Ratio Lower Upper

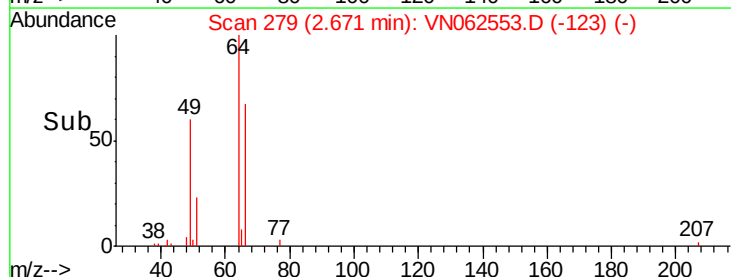
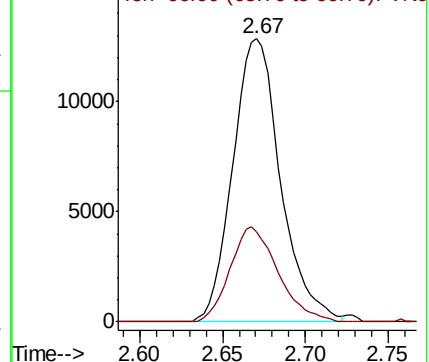
64 100

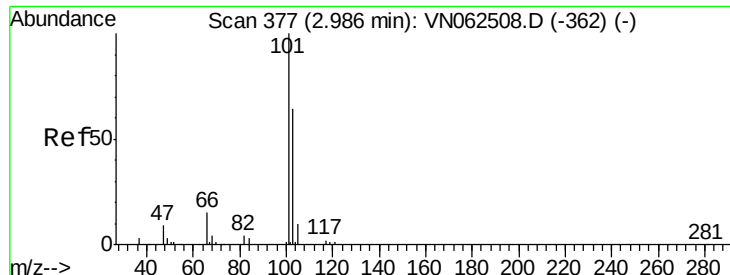
66 31.7 24.9 37.3



Abundance Ion 64.00 (63.70 to 64.70): VN0

Ion 66.00 (65.70 to 66.70): VN0



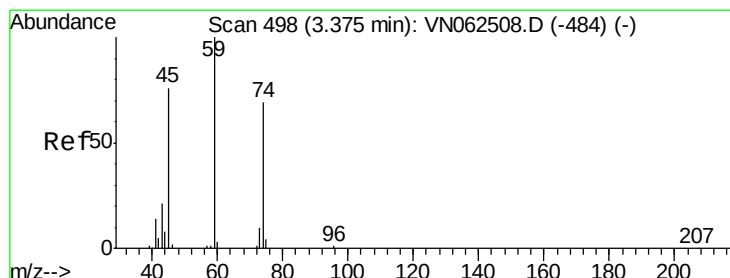
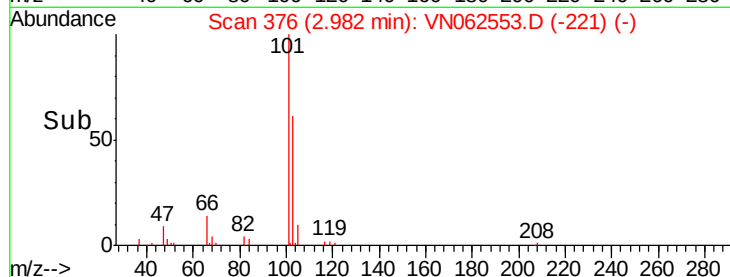
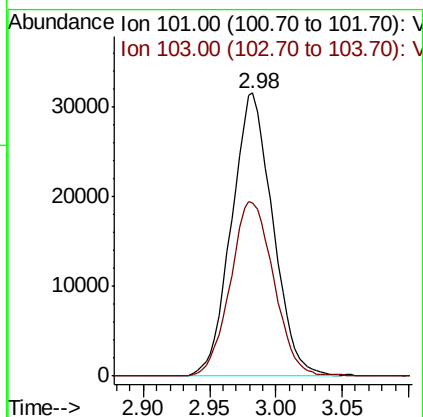
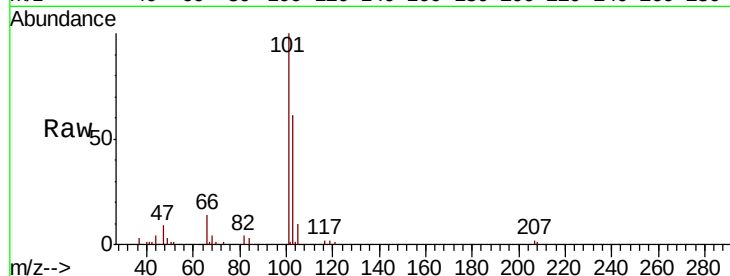


#7

Trichlorofluoromethane
Concen: 19.109 ug/l
RT: 2.98 min Scan# 376
Delta R.T. -0.00 min
Lab File: VN062553.D
Acq: 20 Jul 2020 10:24

Instrument :
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ClientSampleId :
VSTDCCC020

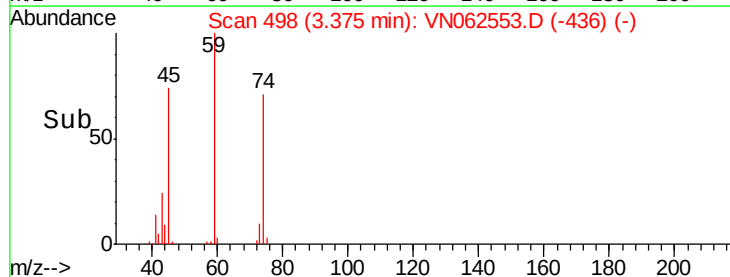
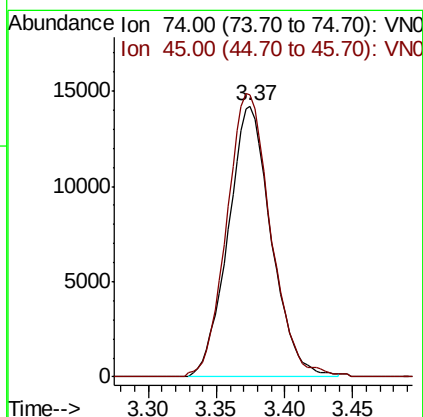
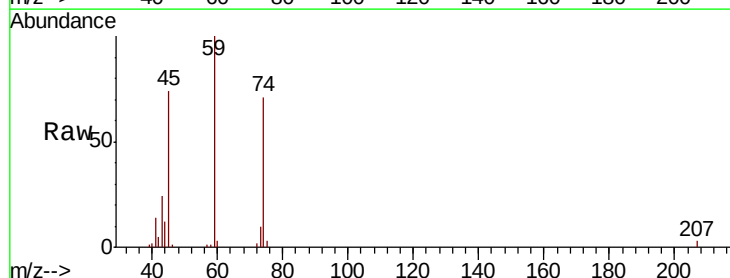
Tot Ion:101 Resp: 68094
Ion Ratio Lower Upper
101 100
103 61.1 50.9 76.3

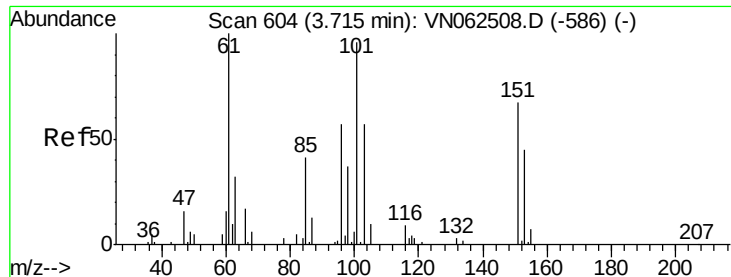


#8

Diethyl Ether
Concen: 18.253 ug/l
RT: 3.37 min Scan# 498
Delta R.T. 0.00 min
Lab File: VN062553.D
Acq: 20 Jul 2020 10:24

Tgt Ion: 74 Resp: 31268
Ion Ratio Lower Upper
74 100
45 105.6 21.8 196.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.722 ug/l

RT: 3.72 min Scan# 604

Delta R.T. 0.00 min

Lab File: VN062553.D

Acq: 20 Jul 2020 10:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

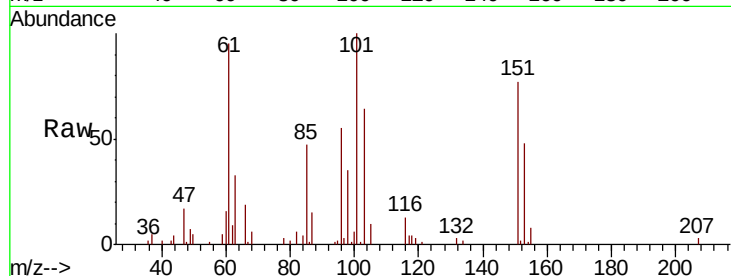
Tot Ion:101 Resp: 43129

Ion Ratio Lower Upper

101 100

85 46.3 0.0 90.4

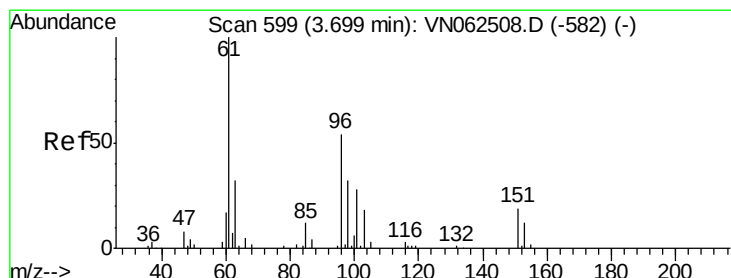
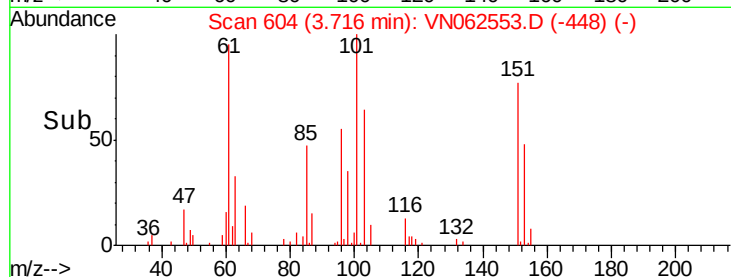
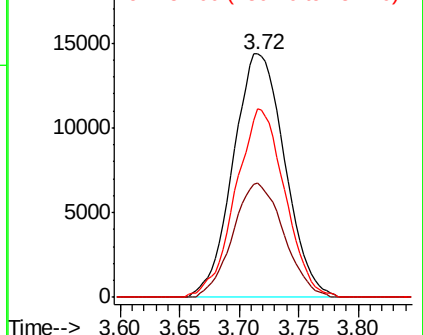
151 74.1 0.0 145.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VN0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 18.283 ug/l

RT: 3.69 min Scan# 597

Delta R.T. -0.01 min

Lab File: VN062553.D

Acq: 20 Jul 2020 10:24

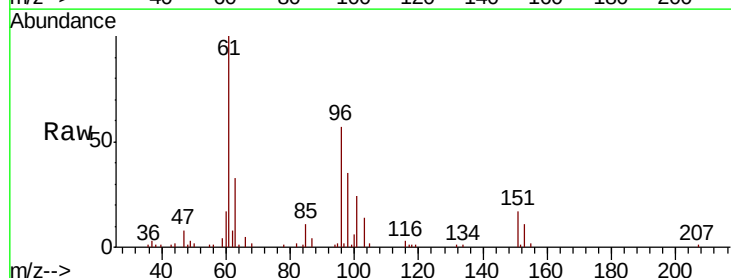
Tgt Ion: 96 Resp: 42969

Ion Ratio Lower Upper

96 100

61 173.3 147.8 221.8

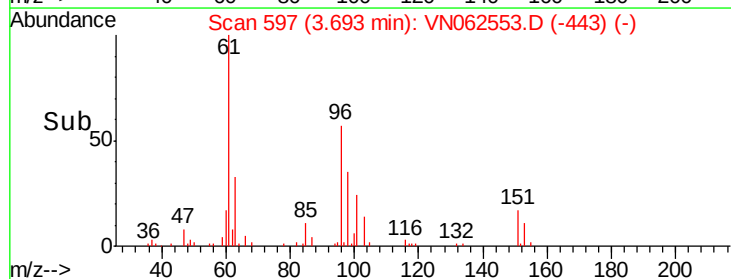
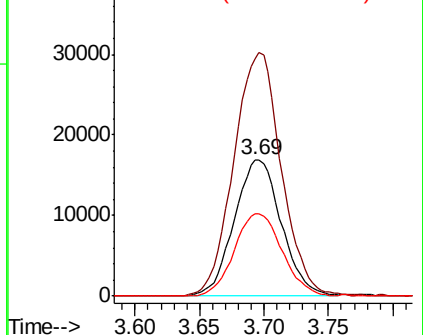
98 60.6 47.8 71.8

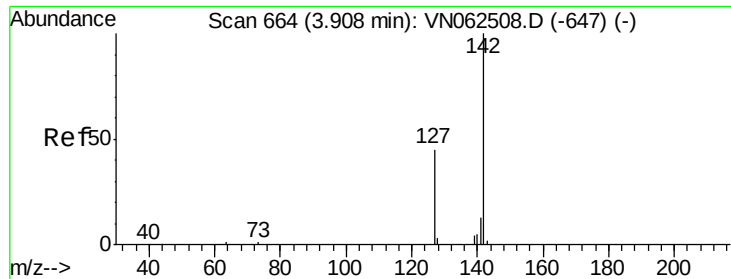


Abundance Ion 96.00 (95.70 to 96.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 98.00 (97.70 to 98.70): VN0

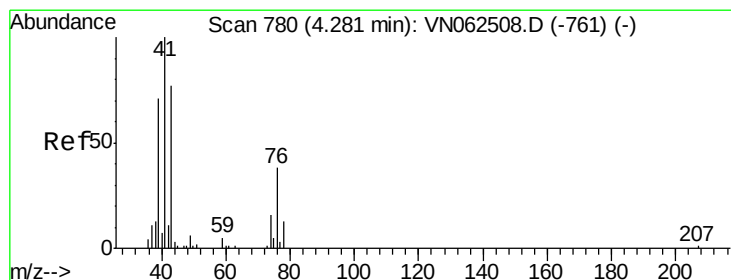
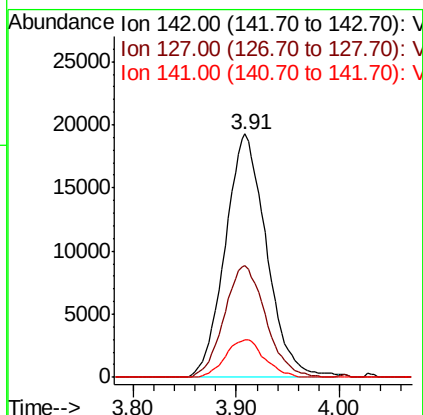
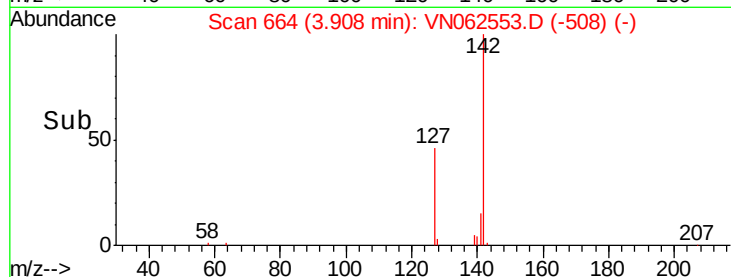
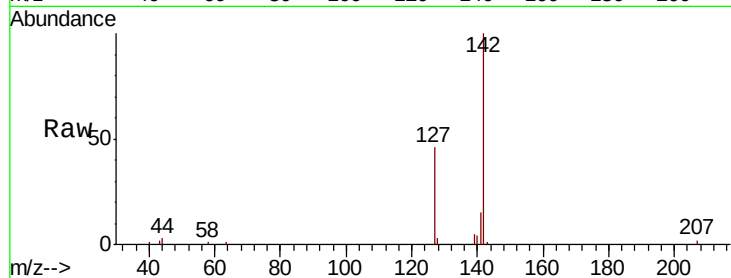




#11
Methyl Iodide
Concen: 18.657 ug/l
RT: 3.91 min Scan# 664
Delta R.T. 0.00 min
Lab File: VN062553.D
Acq: 20 Jul 2020 10:24

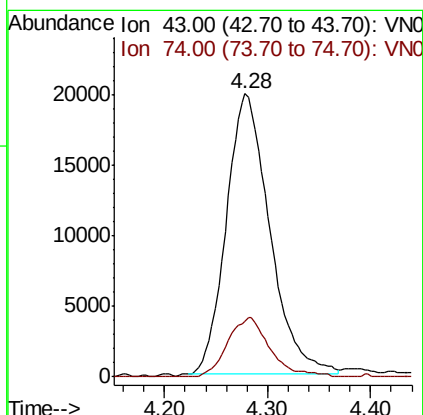
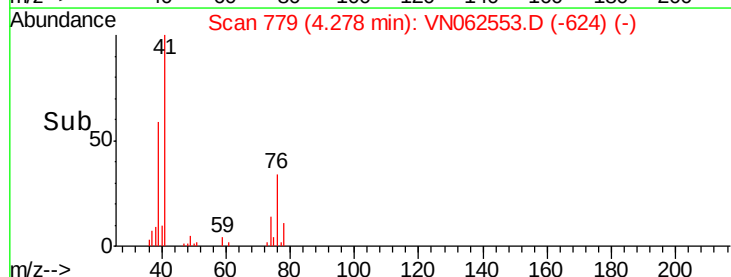
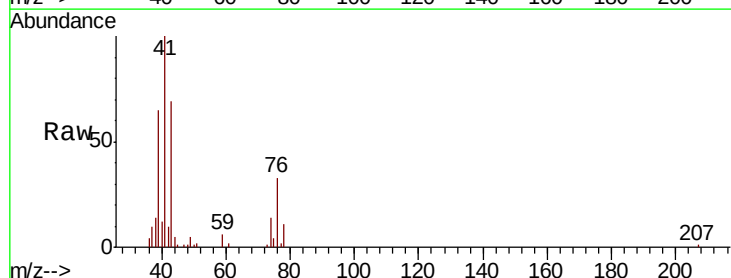
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

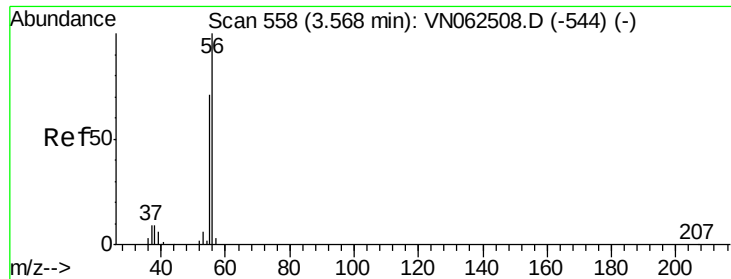
Tot Ion:142 Resp: 53695
Ion Ratio Lower Upper
142 100
127 45.7 22.1 66.5
141 15.5 6.5 19.4



#12
Methyl Acetate
Concen: 18.480 ug/l
RT: 4.28 min Scan# 779
Delta R.T. -0.00 min
Lab File: VN062553.D
Acq: 20 Jul 2020 10:24

Tgt Ion: 43 Resp: 58246
Ion Ratio Lower Upper
43 100
74 20.0 16.7 25.1





#13

Acrolein

Concen: 87.989 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN062553.D

Acq: 20 Jul 2020 10:24

Instrument :

MSVOA_N

ClientSampleId :

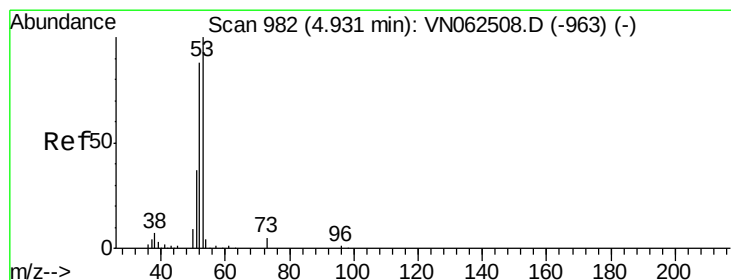
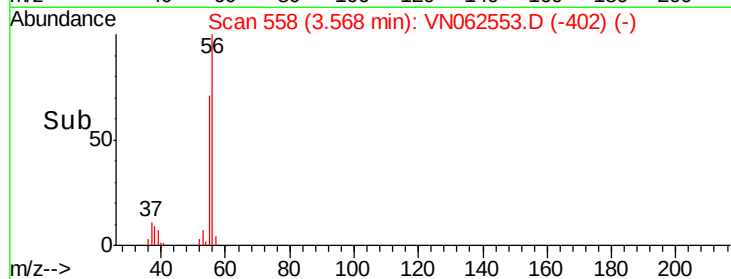
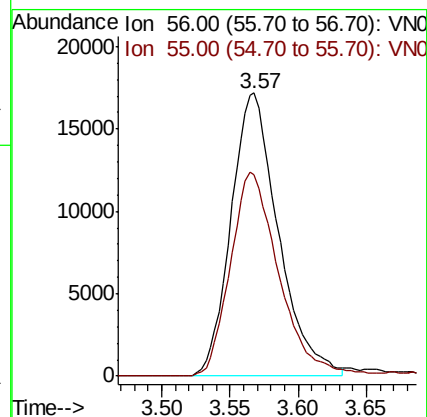
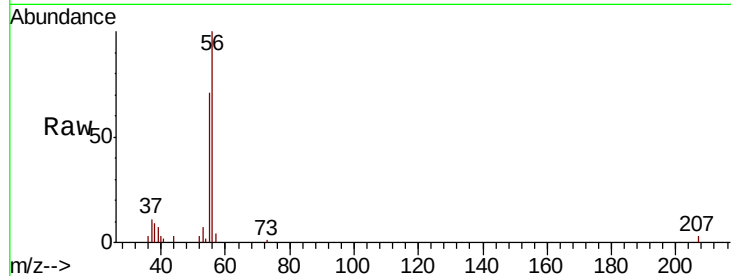
VSTDCCC020

Tot Ion: 56 Resp: 41436

Ion Ratio Lower Upper

56 100

55 74.0 56.0 84.0



#14

Acrylonitrile

Concen: 91.747 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN062553.D

Acq: 20 Jul 2020 10:24

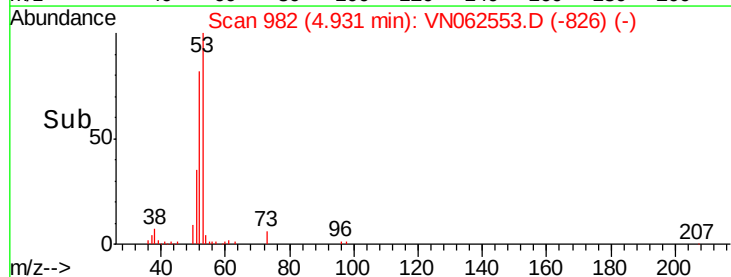
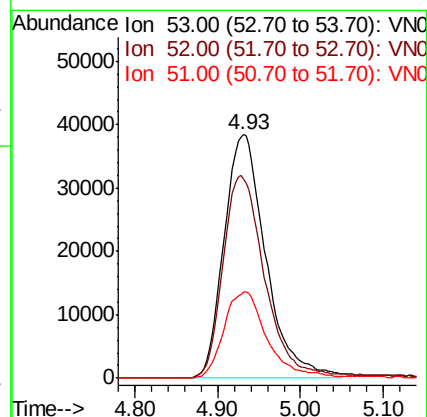
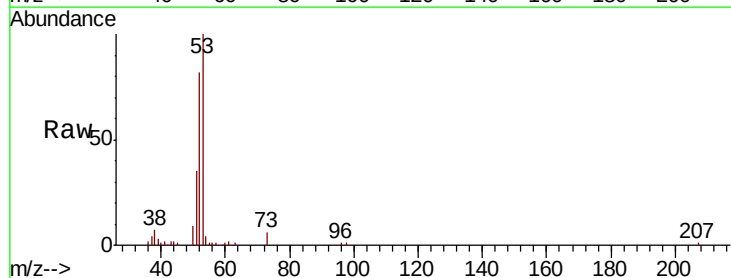
Tgt Ion: 53 Resp: 134492

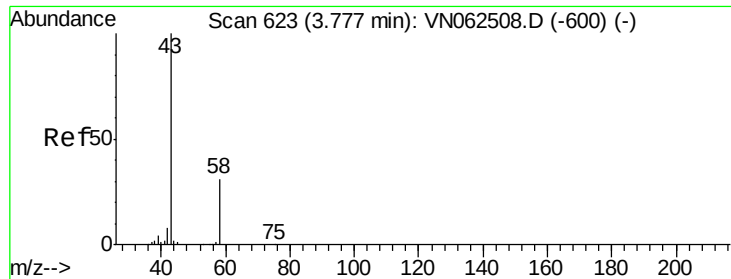
Ion Ratio Lower Upper

53 100

52 82.7 41.8 125.4

51 35.7 18.5 55.5





#15

Acetone

Concen: 105.190 ug/l

RT: 3.77 min Scan# 622

Delta R.T. -0.00 min

Lab File: VN062553.D

Acq: 20 Jul 2020 10:24

Instrument :

MSVOA_N

ClientSampleId :

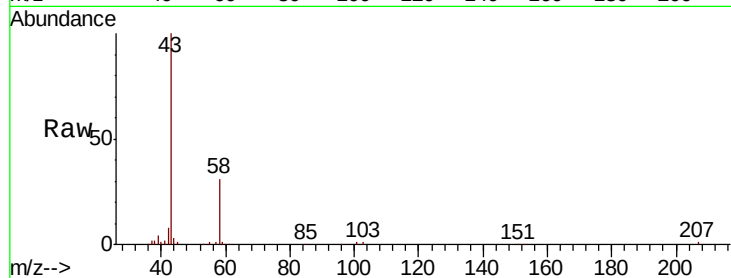
VSTDCCC020

Tot Ion: 58 Resp: 47335

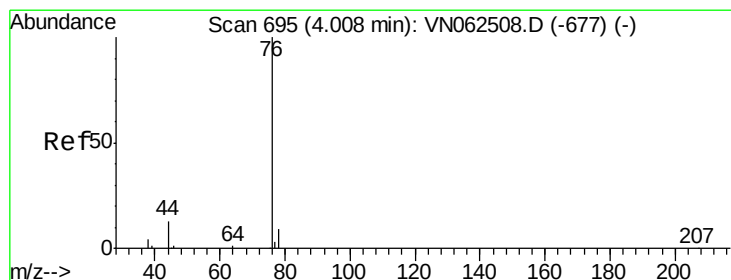
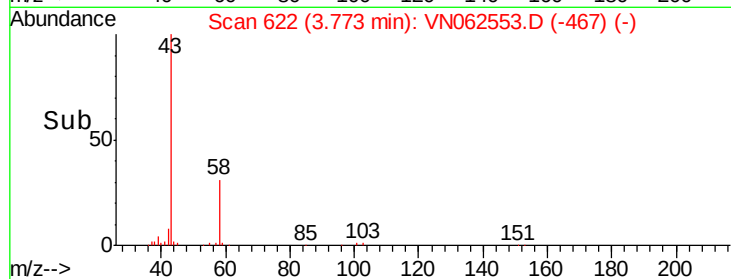
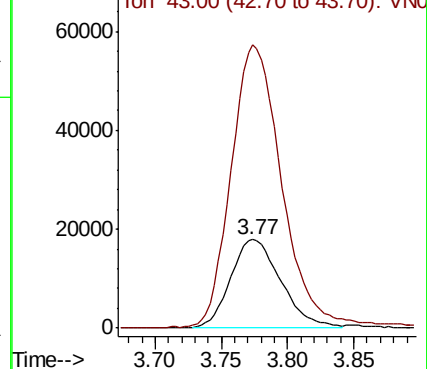
Ion Ratio Lower Upper

58 100

43 316.3 261.1 391.7



Abundance Ion 58.00 (57.70 to 58.70): VN062508.D (-600) (-)



#16

Carbon Disulfide

Concen: 17.680 ug/l

RT: 4.01 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN062553.D

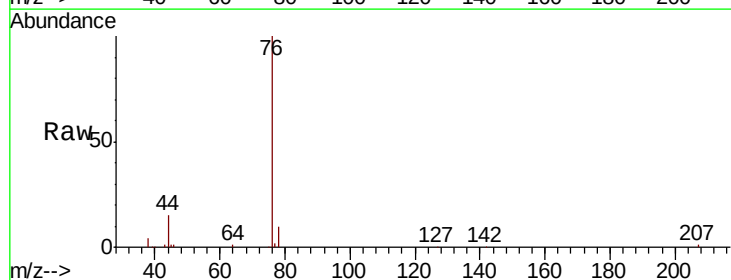
Acq: 20 Jul 2020 10:24

Tgt Ion: 76 Resp: 135407

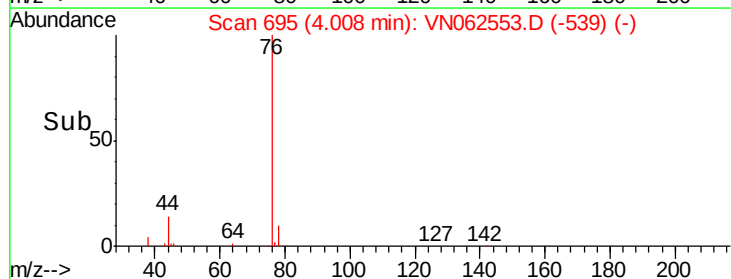
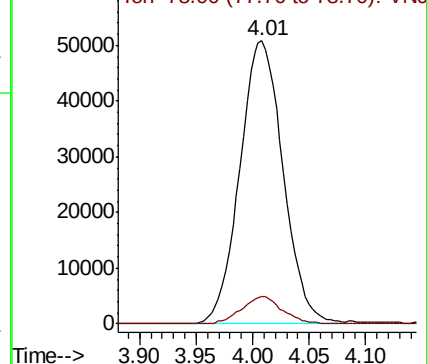
Ion Ratio Lower Upper

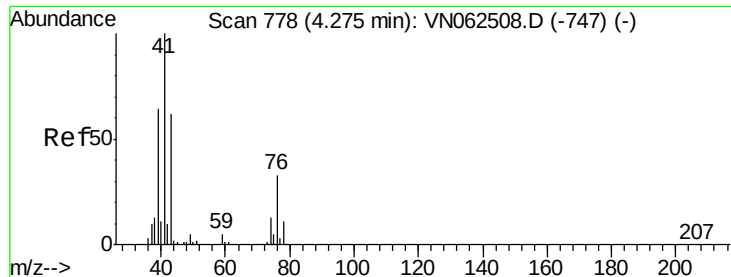
76 100

78 9.6 7.4 11.0



Abundance Ion 76.00 (75.70 to 76.70): VN062508.D (-677) (-)

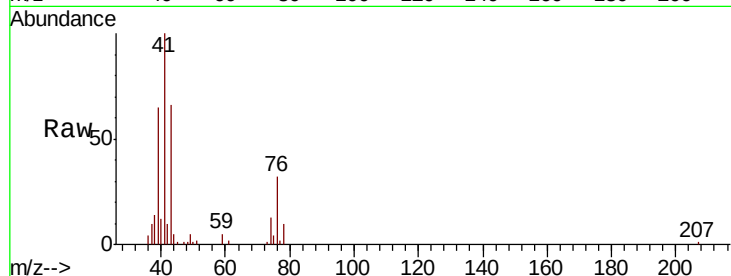




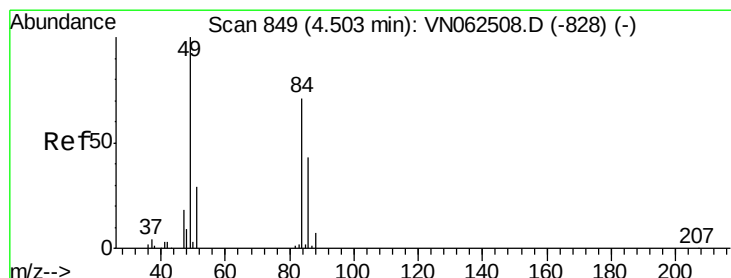
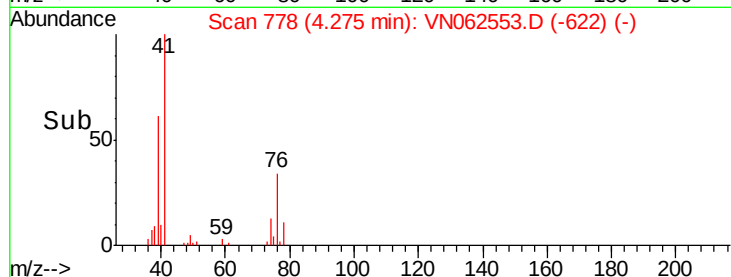
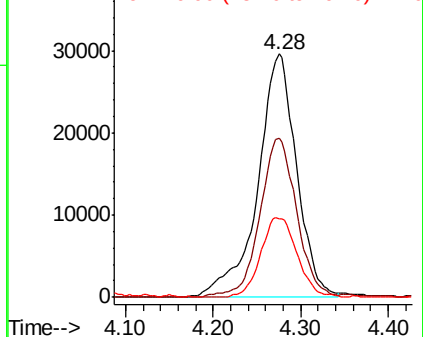
#17
Allvl chloride
Concen: 18.255 ug/l
RT: 4.28 min Scan# 778
Delta R.T. 0.00 min
Lab File: VN062553.D
Acq: 20 Jul 2020 10:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion: 41 Resp: 91243
Ion Ratio Lower Upper
41 100
39 65.5 31.9 95.5
76 31.7 16.6 49.8

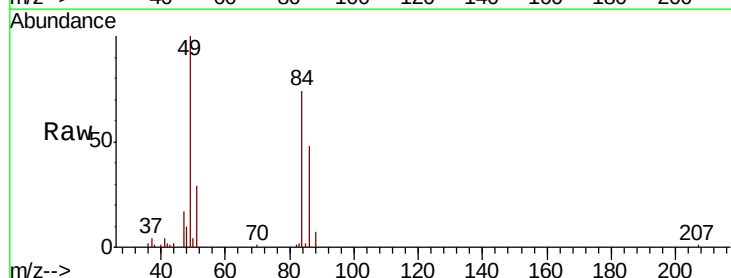


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 76.00 (75.70 to 76.70): VNO

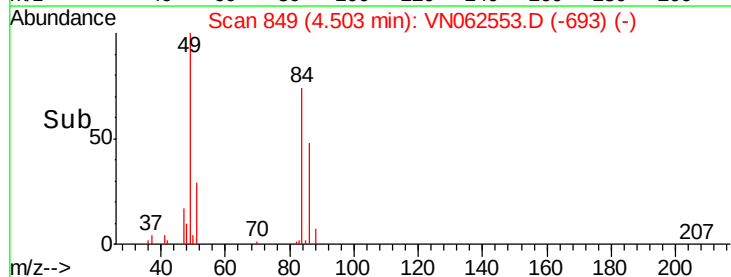
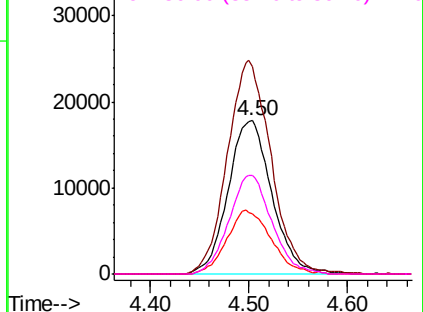


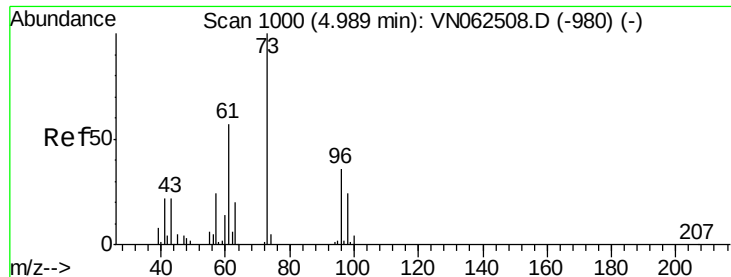
#18
Methylene Chloride
Concen: 19.009 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN062553.D
Acq: 20 Jul 2020 10:24

Tgt Ion: 84 Resp: 54969
Ion Ratio Lower Upper
84 100
49 133.8 112.1 168.1
51 38.9 33.0 49.4
86 64.4 48.2 72.4



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

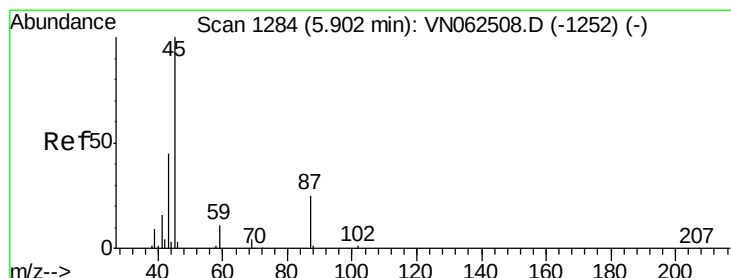
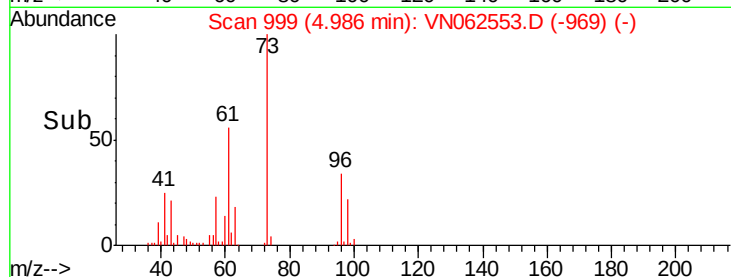
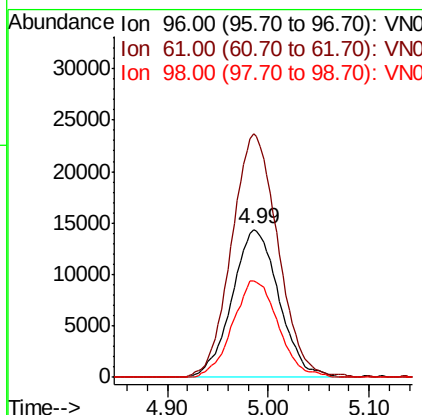
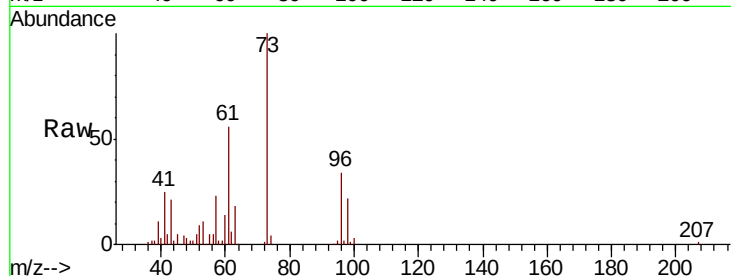




#19
trans-1,2-Dichloroethene
Concen: 17.779 ug/l
RT: 4.99 min Scan# 999
Delta R.T. -0.00 min
Lab File: VN062553.D
Acq: 20 Jul 2020 10:24

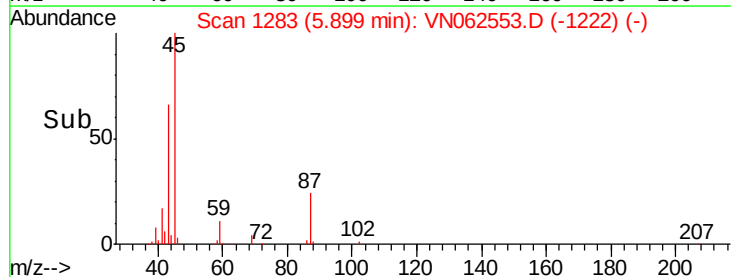
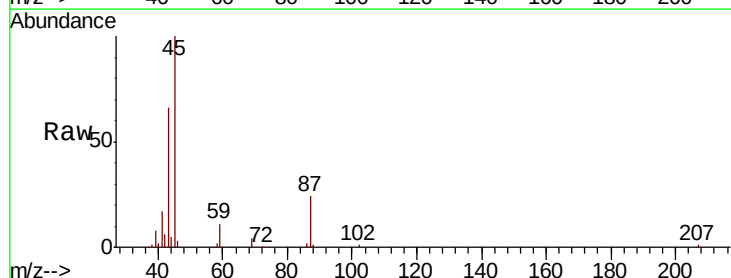
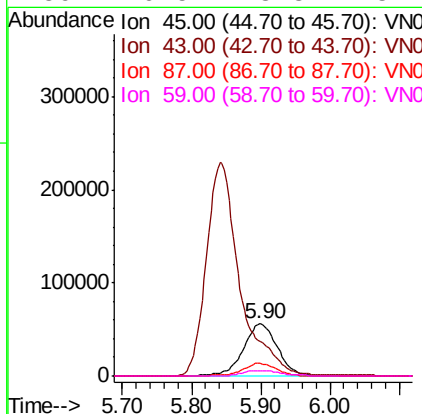
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

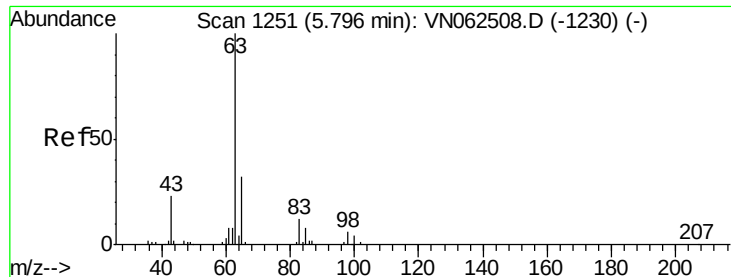
Tot Ion: 96 Resp: 46247
Ion Ratio Lower Upper
96 100
61 163.0 125.7 188.5
98 65.4 54.1 81.1



#20
Diisopropyl ether
Concen: 18.608 ug/l
RT: 5.90 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VN062553.D
Acq: 20 Jul 2020 10:24

Tgt Ion: 45 Resp: 191192
Ion Ratio Lower Upper
45 100
43 63.6 51.3 76.9
87 23.6 19.8 29.6
59 10.5 8.8 13.2

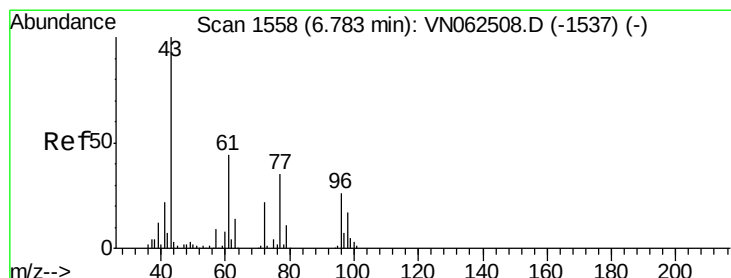
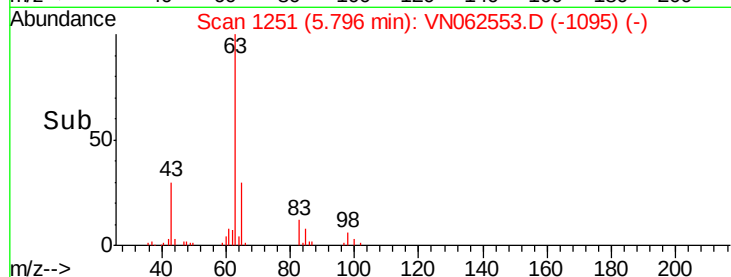
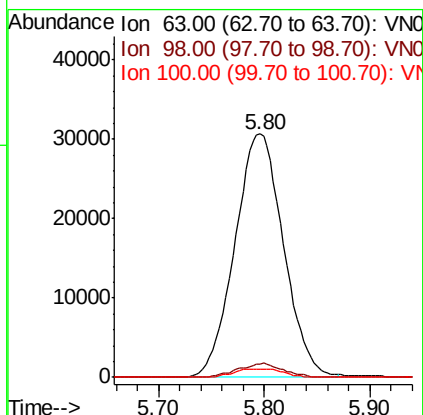
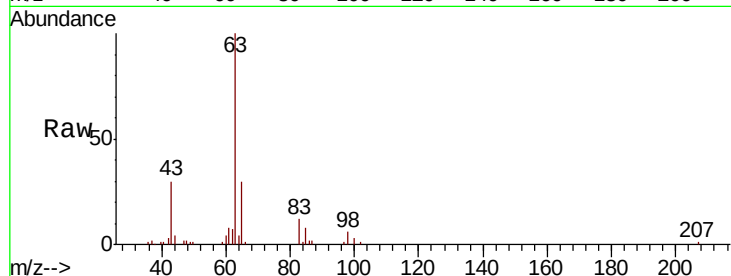




#21
 1,1-Dichloroethane
 Concen: 18.074 ug/l
 RT: 5.80 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: VN062553.D
 Acq: 20 Jul 2020 10:24

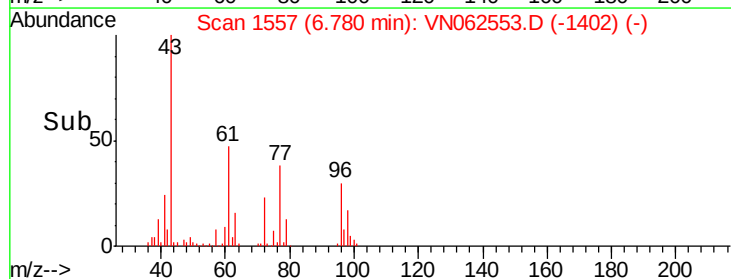
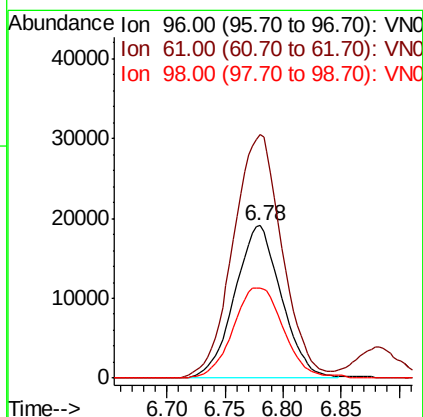
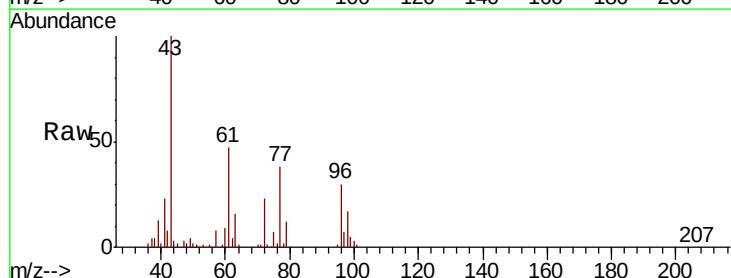
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

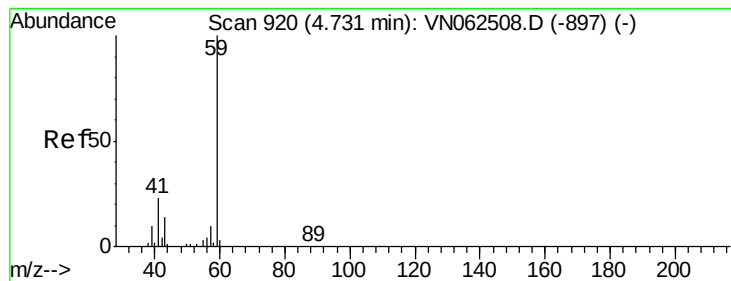
Tot Ion	Ratio	Lower	Upper
63	100		
98	5.6	2.8	8.4
100	3.4	2.0	5.8



#22
 cis-1,2-Dichloroethene
 Concen: 18.214 ug/l
 RT: 6.78 min Scan# 1557
 Delta R.T. -0.00 min
 Lab File: VN062553.D
 Acq: 20 Jul 2020 10:24

Tgt Ion	Ratio	Lower	Upper
96	100		
61	167.9	134.9	202.3
98	63.8	51.5	77.3





#23

tert-Butyl Alcohol

Concen: 96.523 ug/l

RT: 4.73 min Scan# 919

Delta R.T. -0.00 min

Lab File: VN062553.D

Acq: 20 Jul 2020 10:24

Instrument :

MSVOA_N

ClientSampleId :

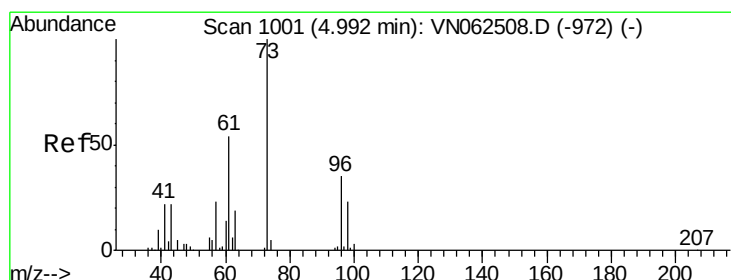
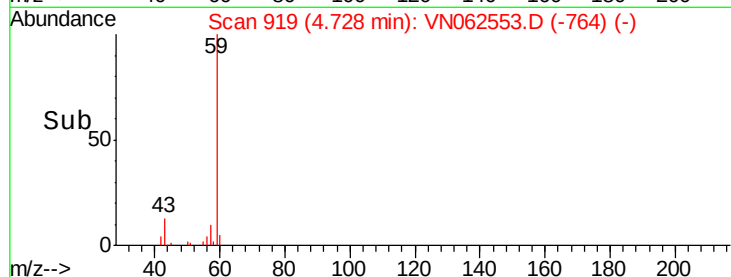
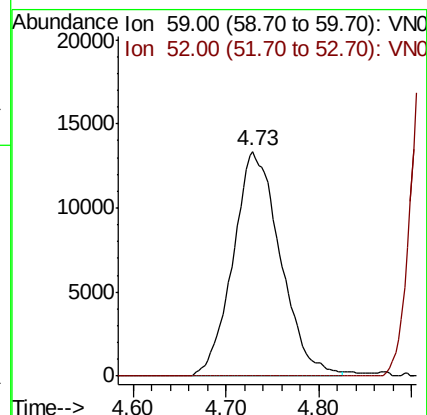
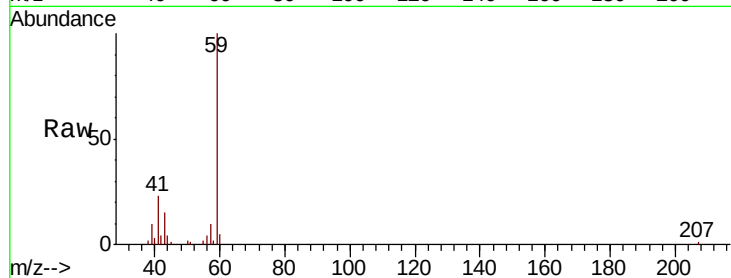
VSTDCCC020

Tot Ion: 59 Resp: 47352

Ion Ratio Lower Upper

59 100

52 0.0 0.0 0.0



#24

Methyl tert-Butyl Ether

Concen: 18.163 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VN062553.D

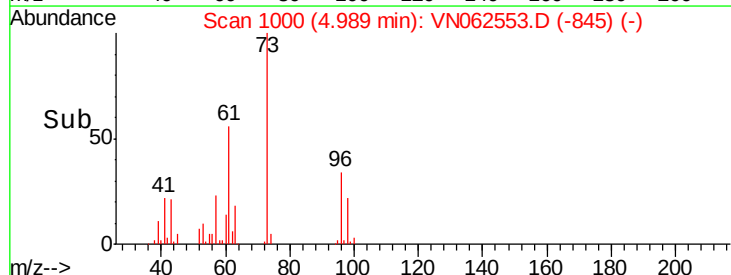
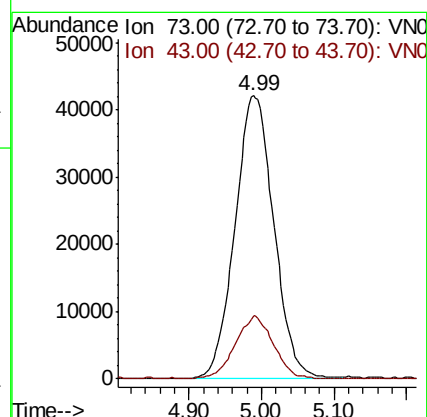
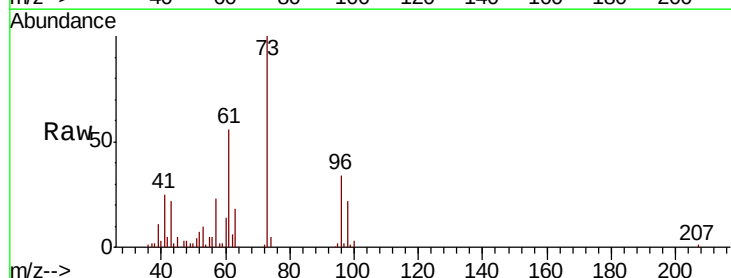
Acq: 20 Jul 2020 10:24

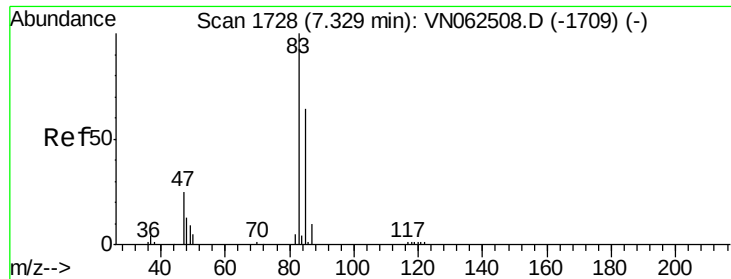
Tgt Ion: 73 Resp: 157370

Ion Ratio Lower Upper

73 100

43 21.9 16.9 25.3

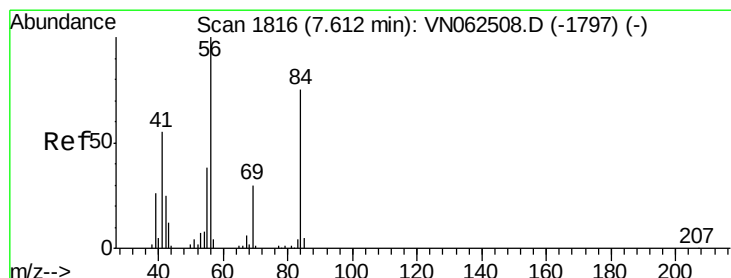
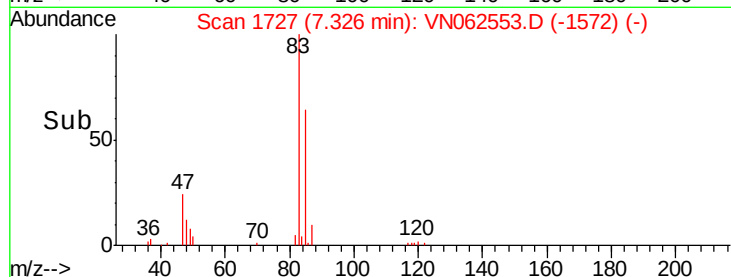
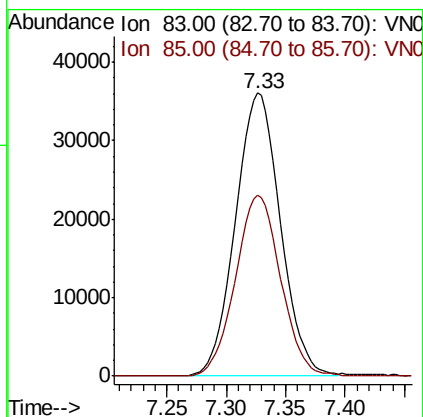
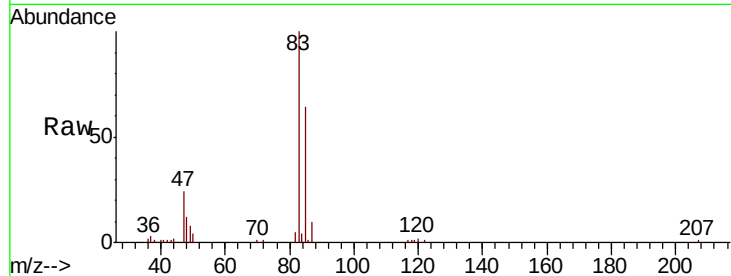




#25
Chloroform
Concen: 18.953 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN062553.D
Acq: 20 Jul 2020 10:24

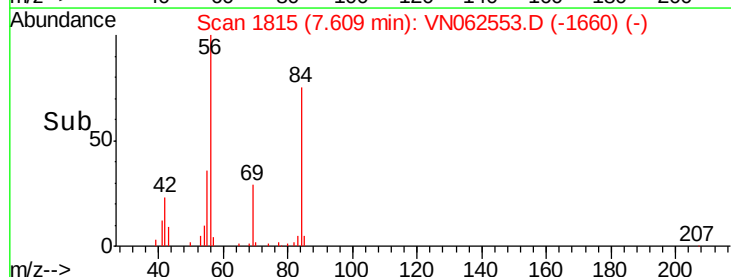
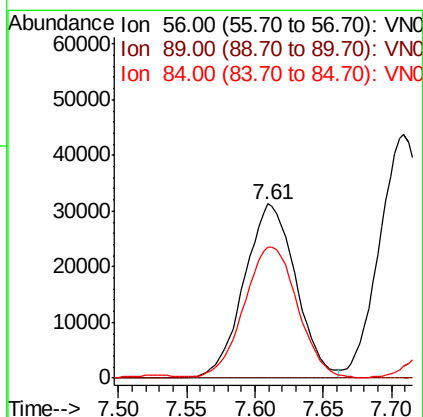
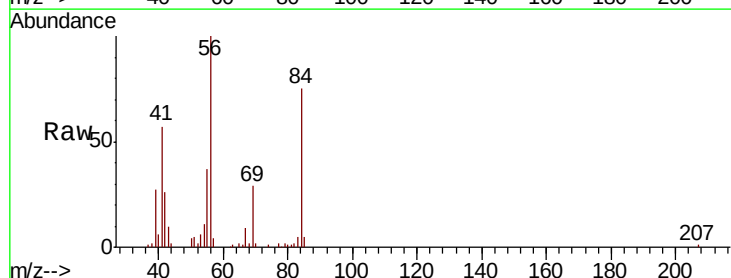
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

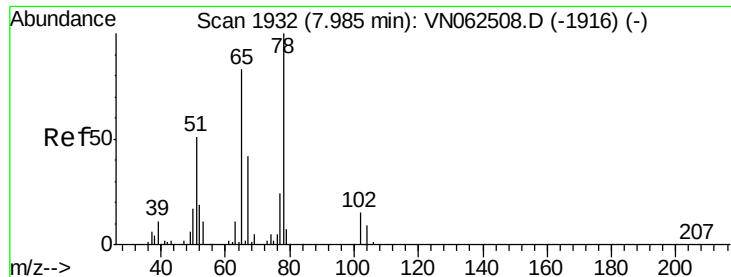
Tot Ion: 83 Resp: 94419
Ion Ratio Lower Upper
83 100
85 64.0 51.0 76.4



#26
Cyclohexane
Concen: 17.179 ug/l
RT: 7.61 min Scan# 1815
Delta R.T. -0.00 min
Lab File: VN062553.D
Acq: 20 Jul 2020 10:24

Tgt Ion: 56 Resp: 82253
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 78.3 61.1 91.7

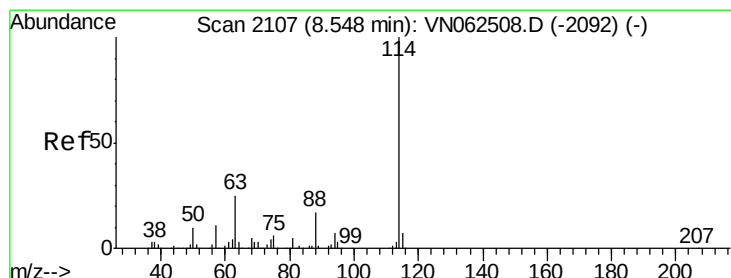
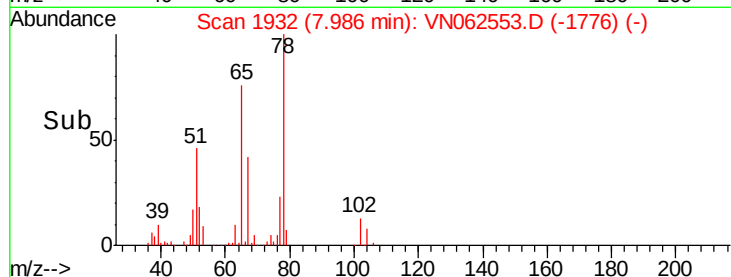
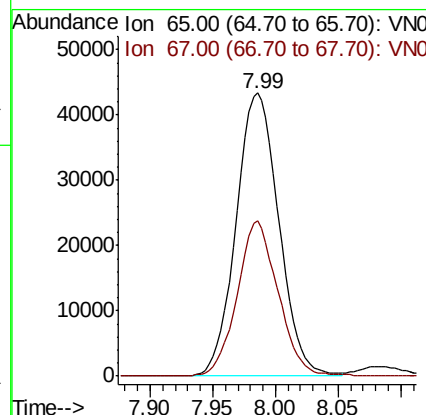
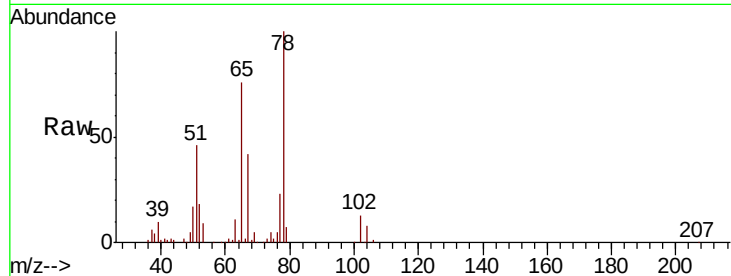




#27
 1,2-Dichloroethane-d4
 Concen: 29.306 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. 0.00 min
 Lab File: VN062553.D
 Acq: 20 Jul 2020 10:24

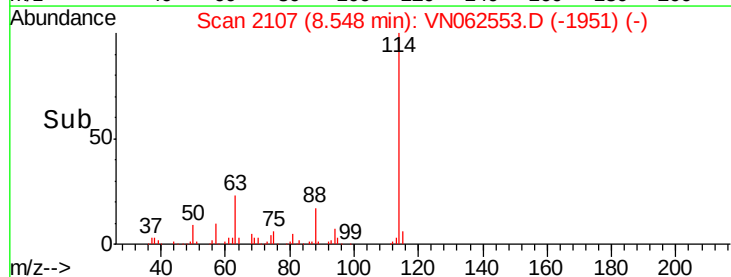
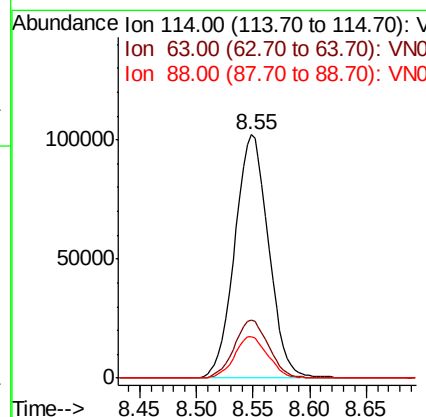
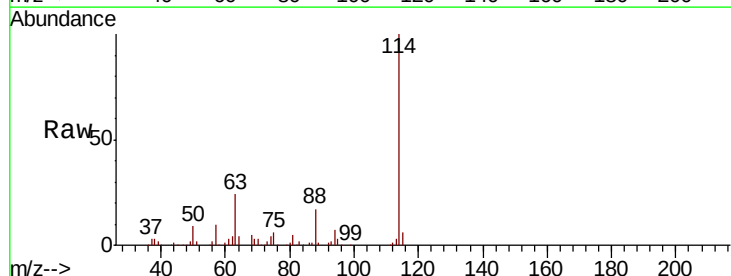
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

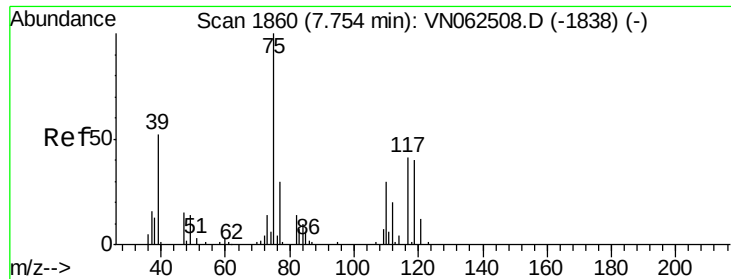
Tot Ion: 65 Resp: 102747
 Ion Ratio Lower Upper
 65 100
 67 52.2 41.7 62.5



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. 0.00 min
 Lab File: VN062553.D
 Acq: 20 Jul 2020 10:24

Tgt Ion: 114 Resp: 213533
 Ion Ratio Lower Upper
 114 100
 63 24.0 19.4 29.0
 88 16.8 13.5 20.3





#29

1,1-Dichloropropene

Concen: 19.166 ug/l

RT: 7.75 min Scan# 1859

Delta R.T. -0.00 min

Lab File: VN062553.D

Acq: 20 Jul 2020 10:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

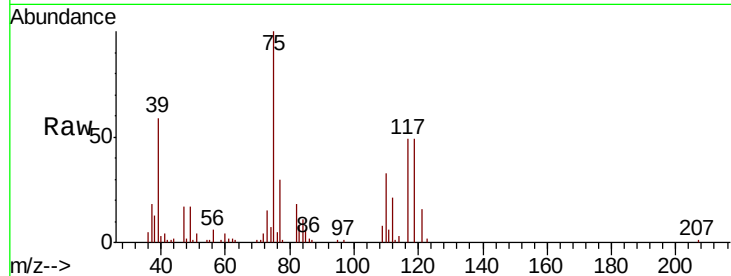
Tot Ion: 75 Resp: 69421

Ion Ratio Lower Upper

75 100

110 31.9 0.0 62.4

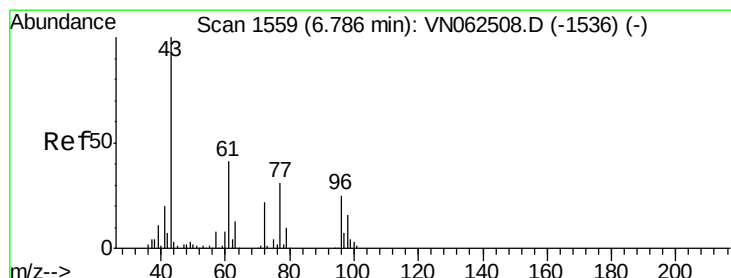
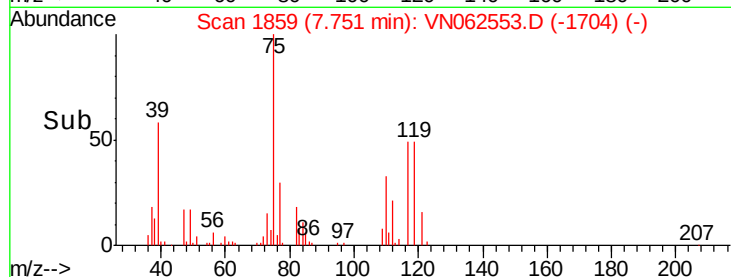
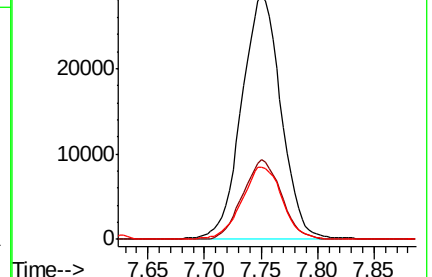
77 30.4 0.0 62.8



Abundance Ion 75.00 (74.70 to 75.70): VN062508.D (-1838) (-)

Ion 110.00 (109.70 to 110.70): VN062508.D (-1838) (-)

Ion 77.00 (76.70 to 77.70): VN062508.D (-1838) (-)



#30

2-Butanone

Concen: 101.834 ug/l

RT: 6.79 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VN062553.D

Acq: 20 Jul 2020 10:24

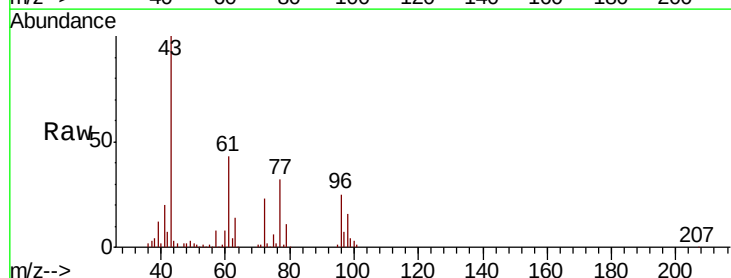
Tgt Ion: 43 Resp: 195614

Ion Ratio Lower Upper

43 100

57 7.7 6.6 9.8

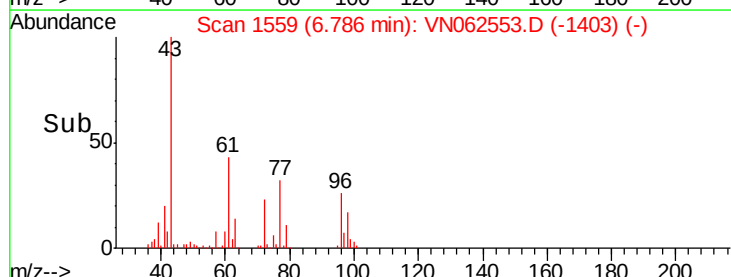
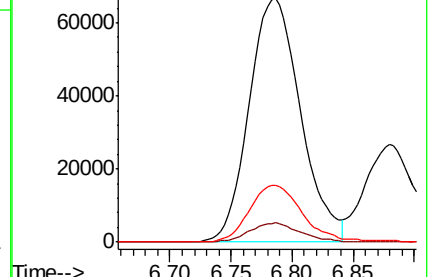
72 23.9 18.5 27.7

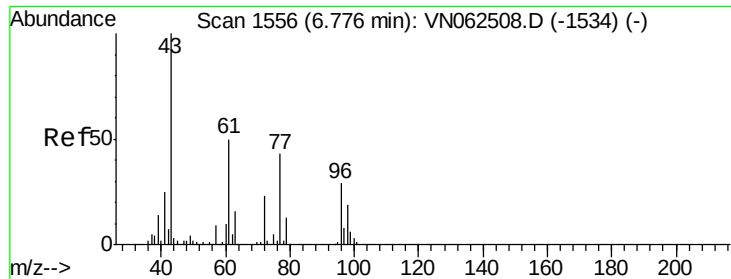


Abundance Ion 43.00 (42.70 to 43.70): VN062508.D (-1536) (-)

Ion 57.00 (56.70 to 57.70): VN062508.D (-1536) (-)

Ion 72.00 (71.70 to 72.70): VN062508.D (-1536) (-)

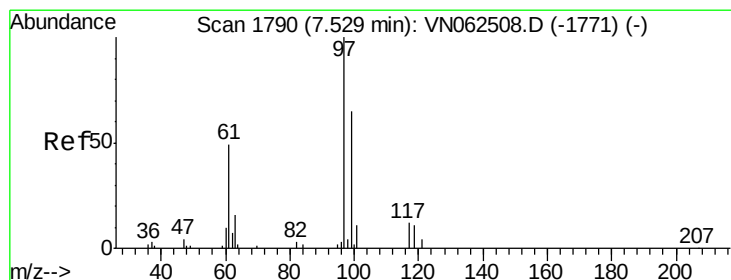
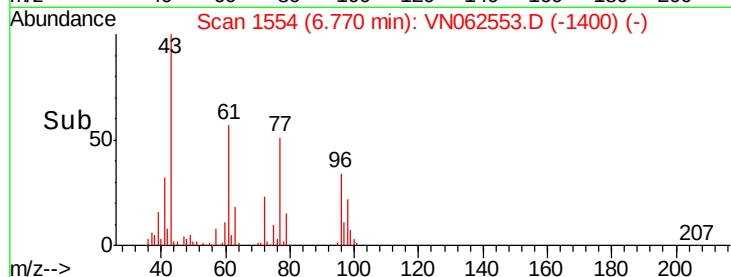
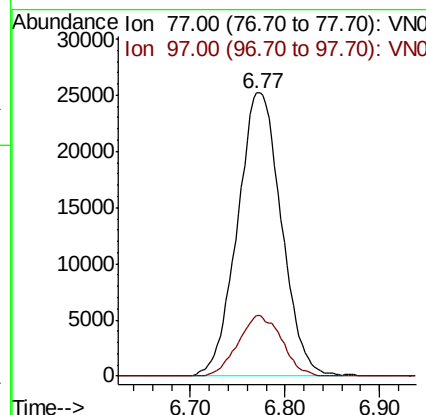
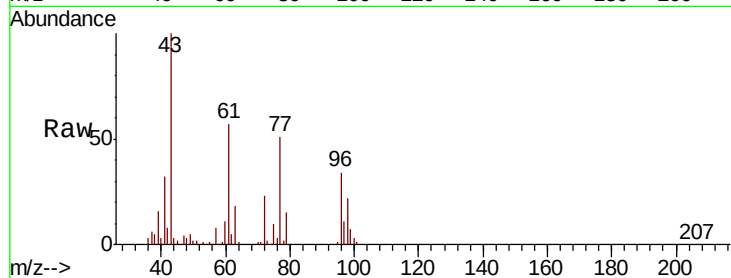




#31
 2,2-Dichloropropane
 Concen: 19.883 ug/l
 RT: 6.77 min Scan# 1554
 Delta R.T. -0.01 min
 Lab File: VN062553.D
 Acq: 20 Jul 2020 10:24

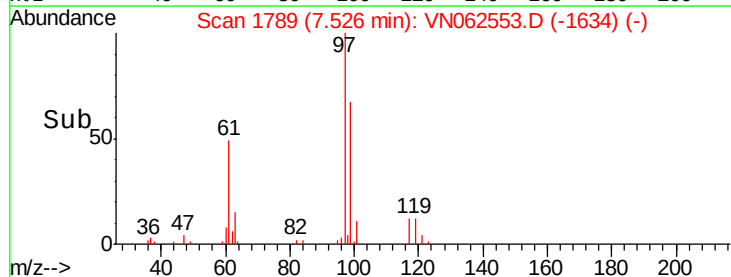
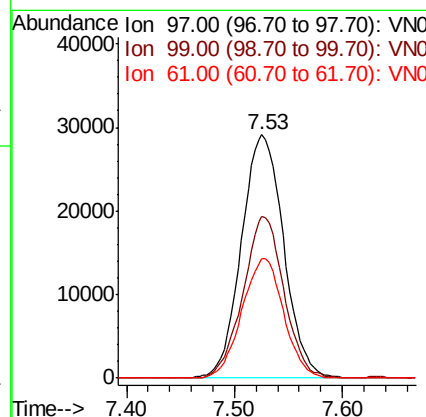
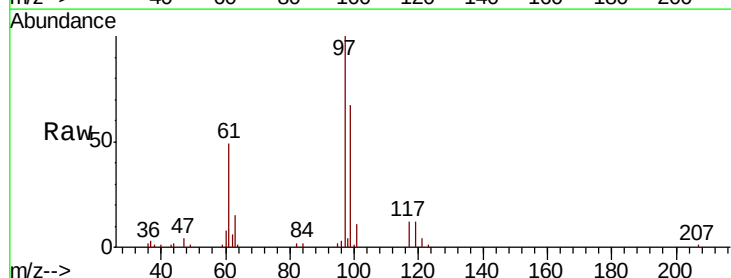
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

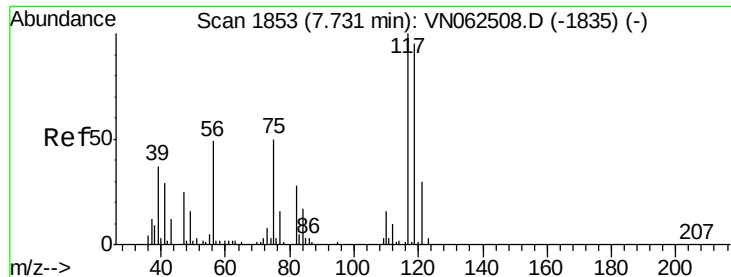
Tot Ion: 77 Resp: 81203
 Ion Ratio Lower Upper
 77 100
 97 21.2 8.6 12.8#



#32
 1,1,1-Trichloroethane
 Concen: 20.380 ug/l
 RT: 7.53 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VN062553.D
 Acq: 20 Jul 2020 10:24

Tgt Ion: 97 Resp: 79338
 Ion Ratio Lower Upper
 97 100
 99 64.2 51.8 77.8
 61 48.4 39.4 59.0

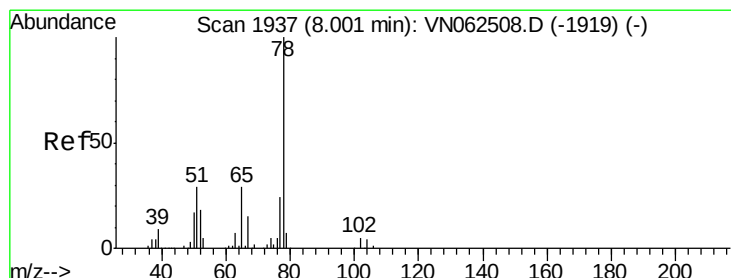
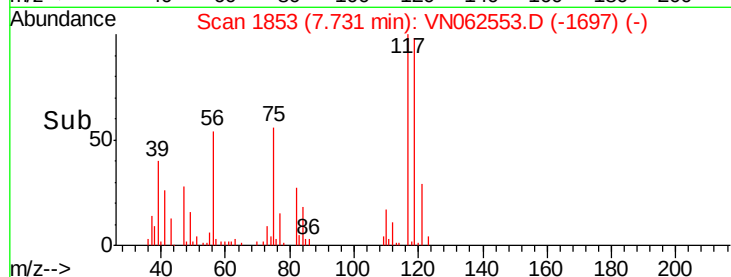
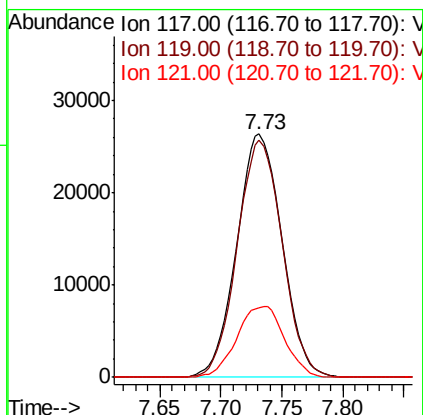
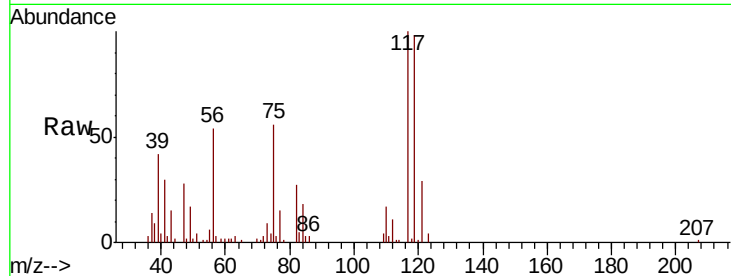




#33
Carbon Tetrachloride
Concen: 20.095 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. 0.00 min
Lab File: VN062553.D
Acq: 20 Jul 2020 10:24

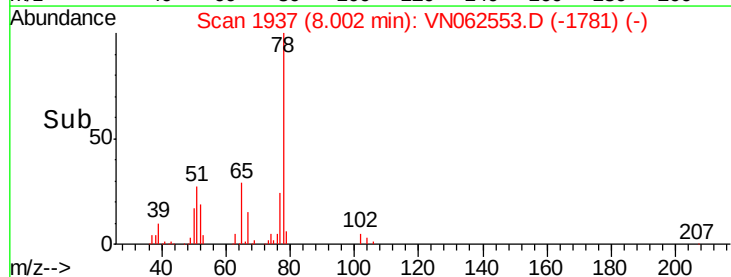
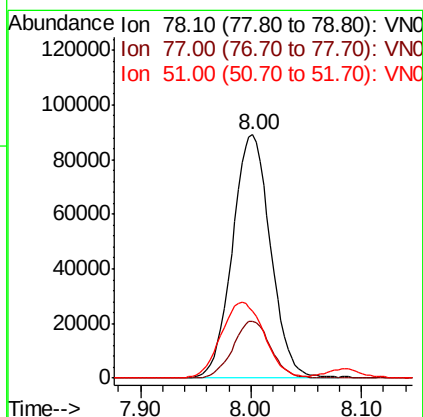
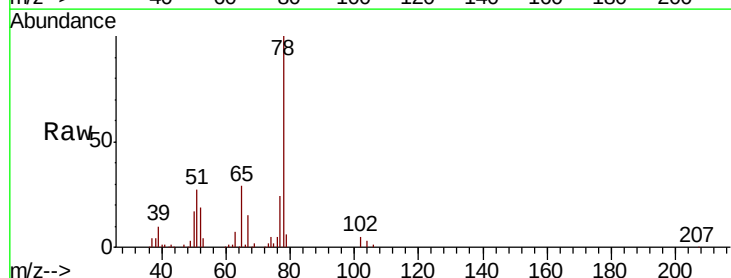
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

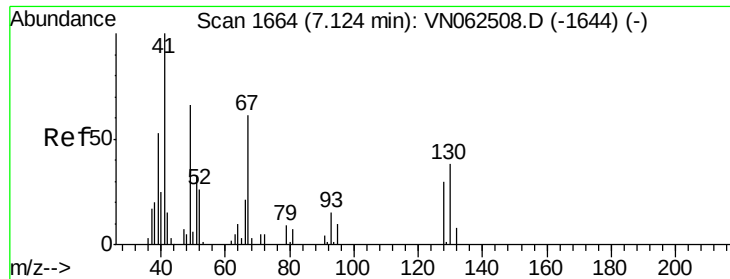
Tot Ion:117 Resp: 67812
Ion Ratio Lower Upper
117 100
119 97.5 76.2 114.4
121 28.6 23.8 35.6



#34
Benzene
Concen: 19.844 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VN062553.D
Acq: 20 Jul 2020 10:24

Tgt Ion: 78 Resp: 213540
Ion Ratio Lower Upper
78 100
77 23.6 18.9 28.3
51 26.8 23.1 34.7

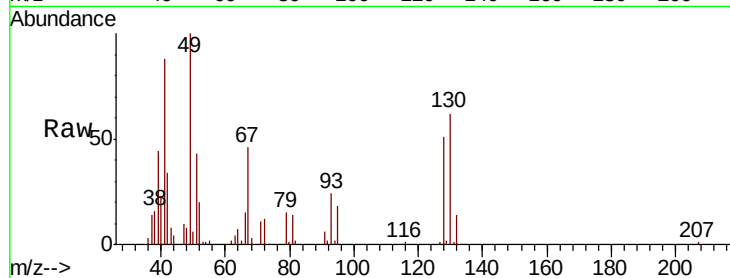




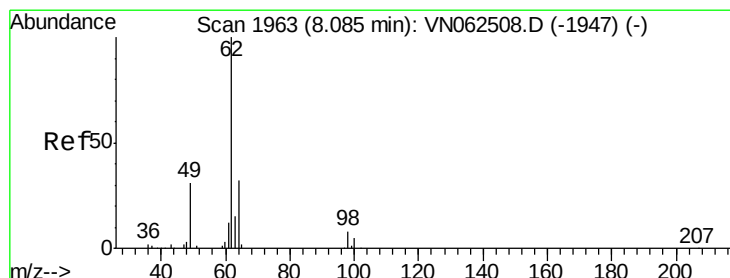
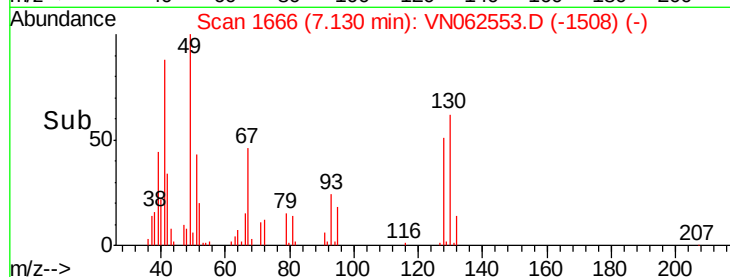
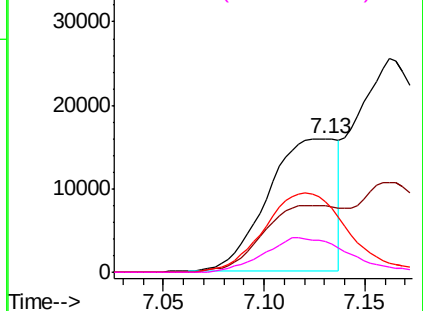
#35
Methacrylonitrile
Concen: 22.316 ug/l
RT: 7.13 min Scan# 1666
Delta R.T. 0.01 min
Lab File: VN062553.D
Acq: 20 Jul 2020 10:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion: 41 Resp: 37655
Ion Ratio Lower Upper
41 100
39 50.3 26.5 79.5
67 53.3 30.7 92.1
52 23.3 13.0 39.0

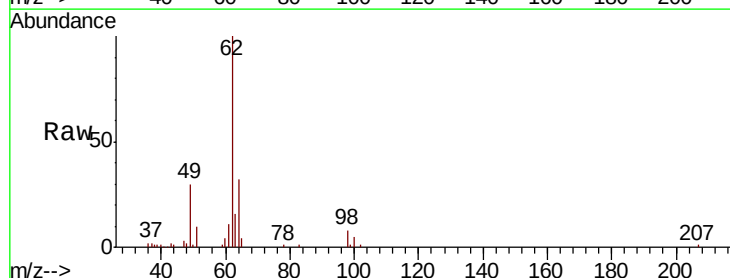


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

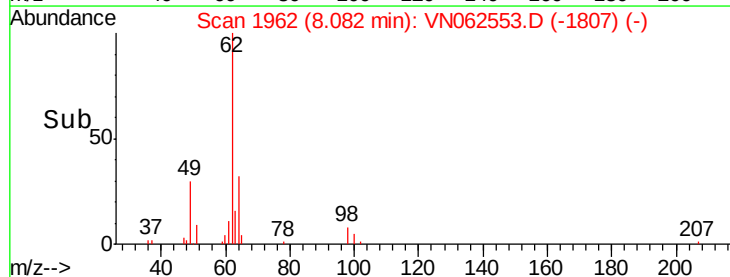
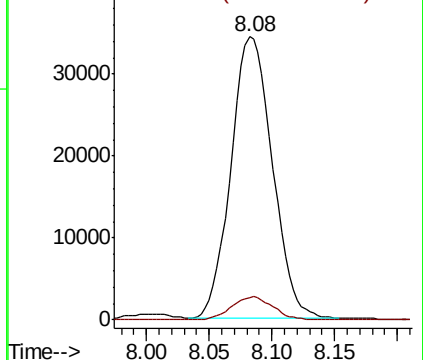


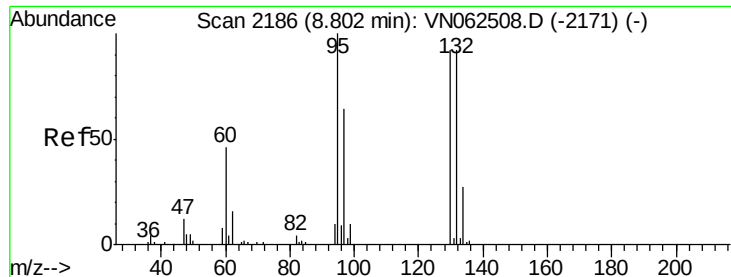
#36
1,2-Dichloroethane
Concen: 20.368 ug/l
RT: 8.08 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VN062553.D
Acq: 20 Jul 2020 10:24

Tgt Ion: 62 Resp: 78777
Ion Ratio Lower Upper
62 100
98 8.1 6.6 9.8



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





#37

Trichloroethene

Concen: 19.997 ug/l

RT: 8.80 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VN062553.D

Acq: 20 Jul 2020 10:24

Instrument :

MSVOA_N

ClientSampleId :

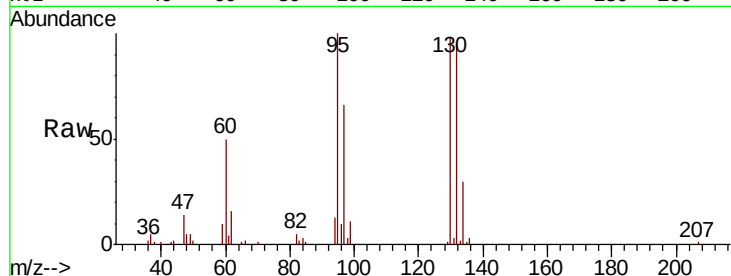
VSTDCCC020

Tot Ion:130 Resp: 48334

Ion Ratio Lower Upper

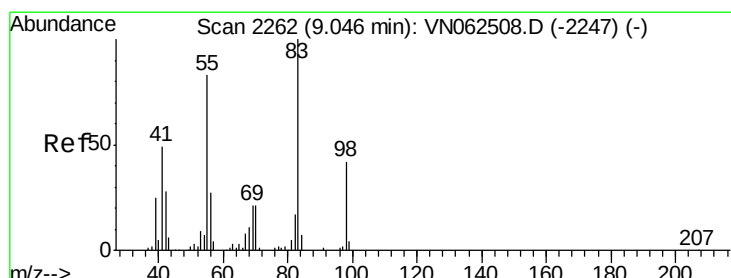
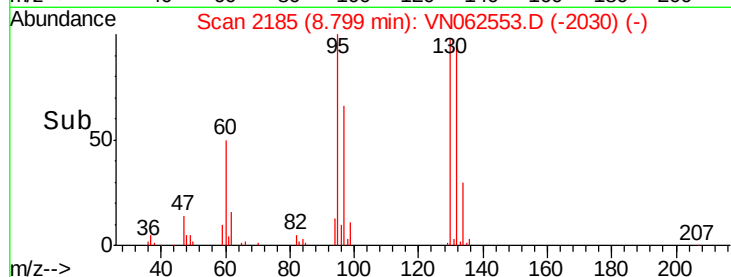
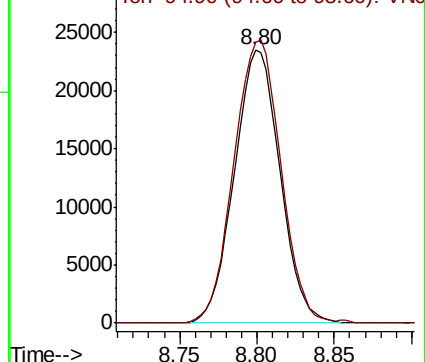
130 100

95 101.7 86.5 129.7



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VN



#38

Methylcyclohexane

Concen: 18.359 ug/l

RT: 9.05 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VN062553.D

Acq: 20 Jul 2020 10:24

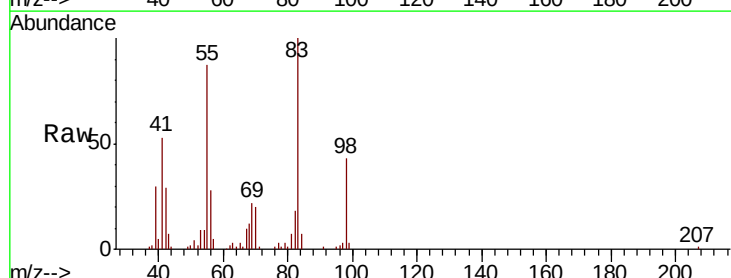
Tgt Ion: 83 Resp: 74596

Ion Ratio Lower Upper

83 100

55 87.4 42.8 128.3

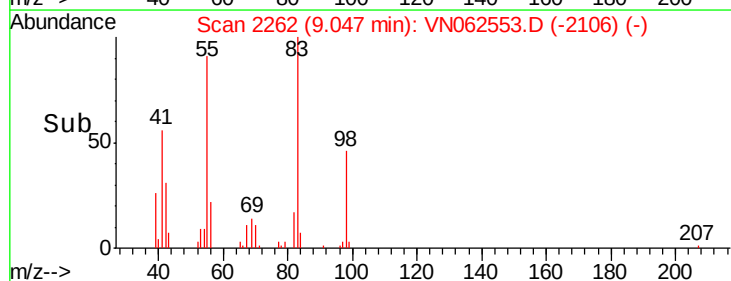
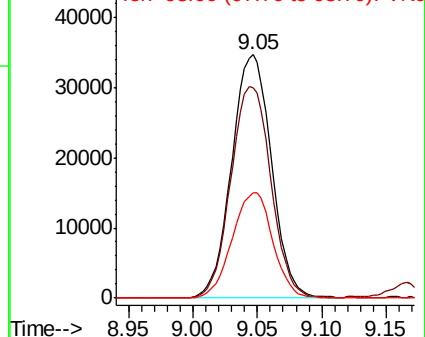
98 43.9 21.9 65.7

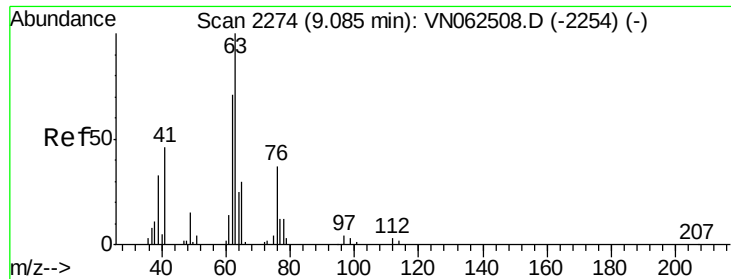


Abundance Ion 83.00 (82.70 to 83.70): VN

Ion 55.00 (54.70 to 55.70): VN

Ion 98.00 (97.70 to 98.70): VN





#39

1,2-Dichloropropane

Concen: 19.838 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. -0.00 min

Lab File: VN062553.D

Acq: 20 Jul 2020 10:24

Instrument :

MSVOA_N

ClientSampleId :

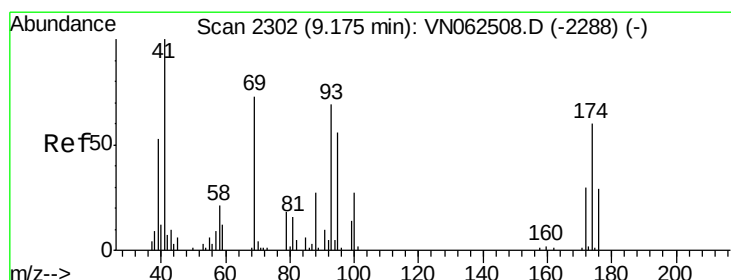
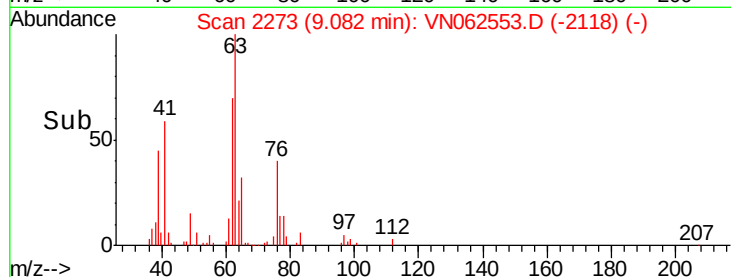
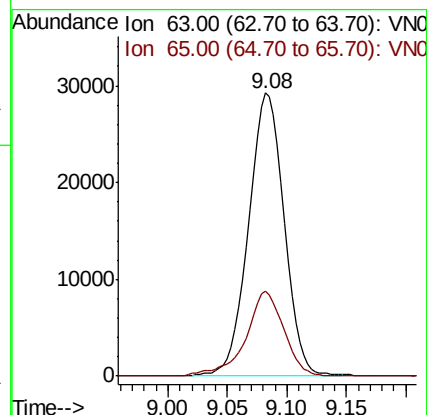
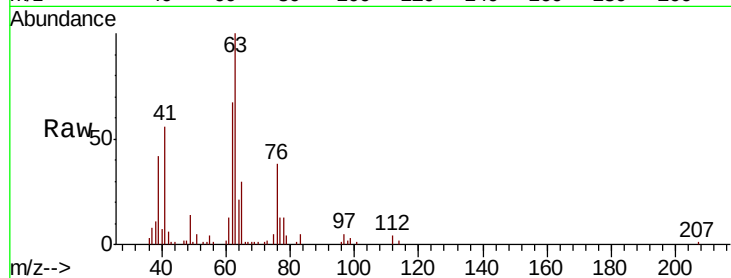
VSTDCCC020

Tot Ion: 63 Resp: 60814

Ion Ratio Lower Upper

63 100

65 30.2 24.2 36.4



#40

Dibromomethane

Concen: 19.921 ug/l

RT: 9.18 min Scan# 2302

Delta R.T. 0.00 min

Lab File: VN062553.D

Acq: 20 Jul 2020 10:24

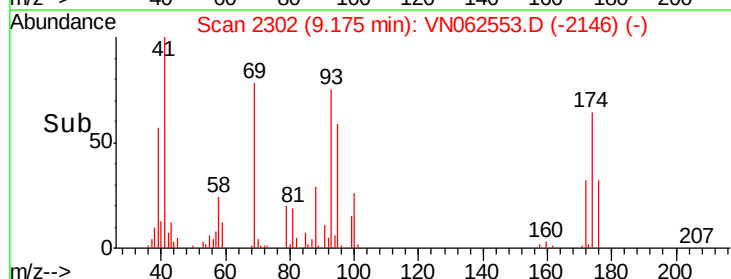
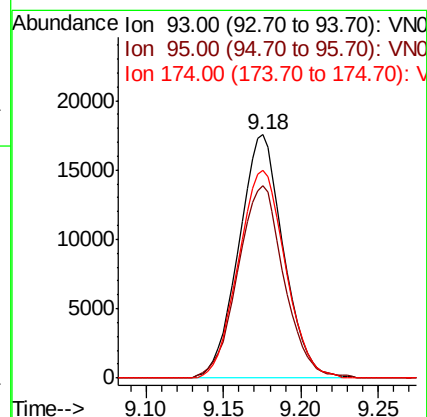
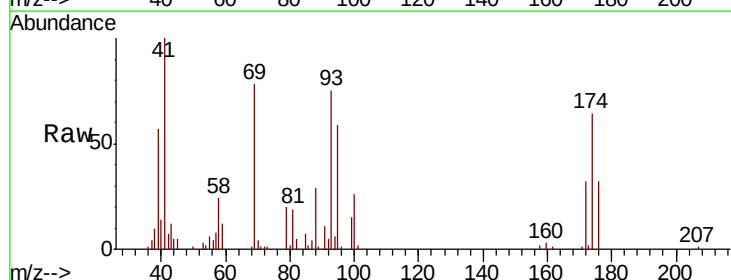
Tgt Ion: 93 Resp: 35195

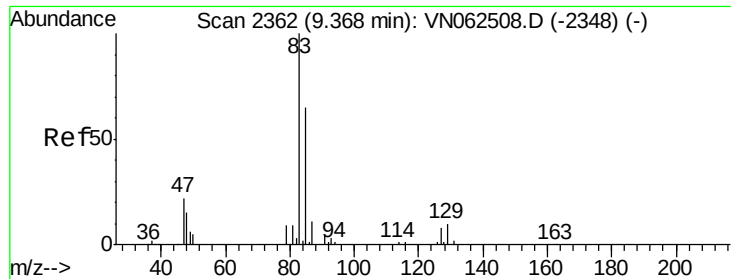
Ion Ratio Lower Upper

93 100

95 81.6 0.0 161.2

174 89.8 0.0 178.0

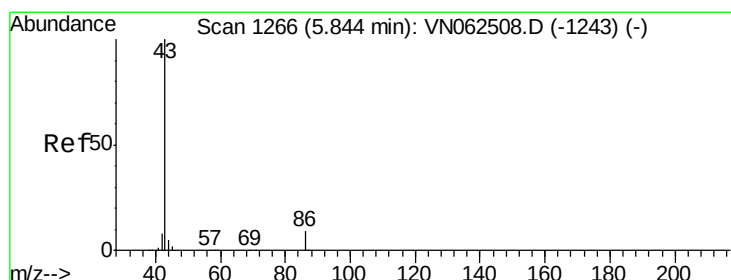
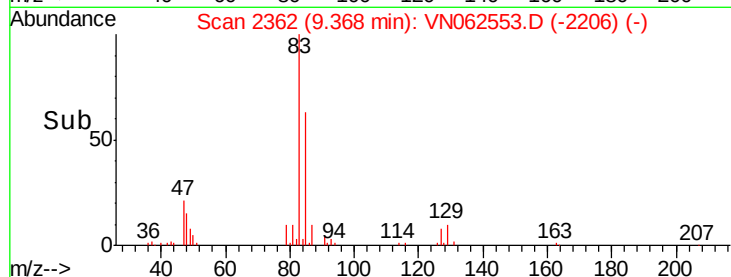
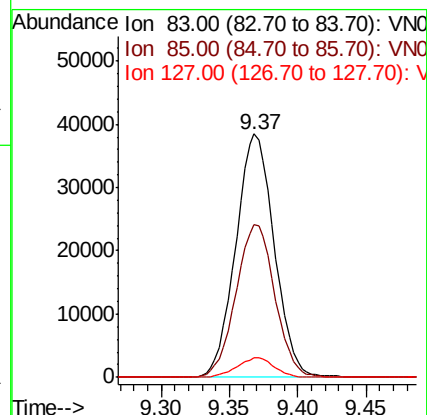
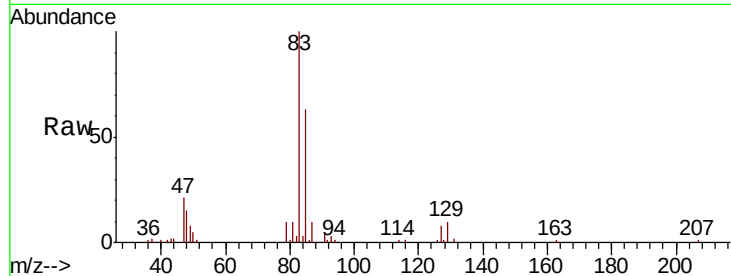




#41
 Bromodichloromethane
 Concen: 20.112 ug/l
 RT: 9.37 min Scan# 2362
 Delta R.T. 0.00 min
 Lab File: VN062553.D
 Acq: 20 Jul 2020 10:24

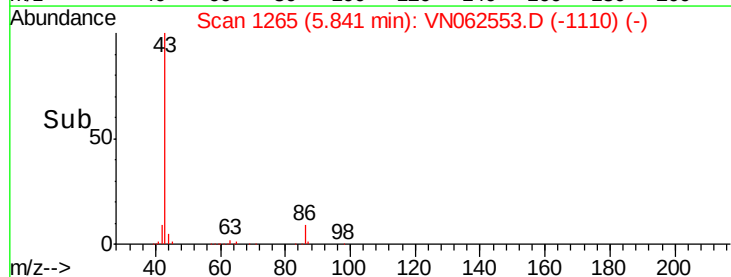
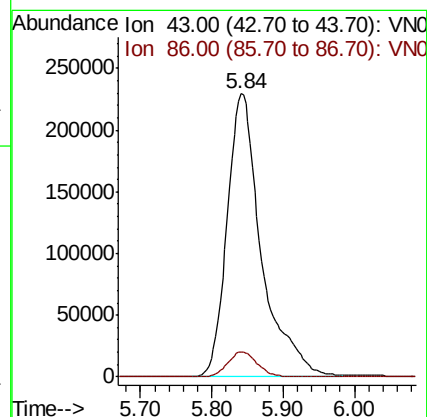
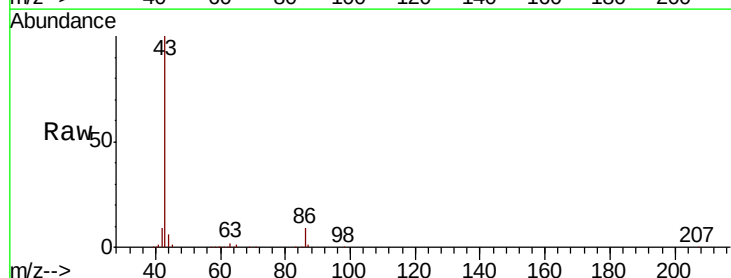
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

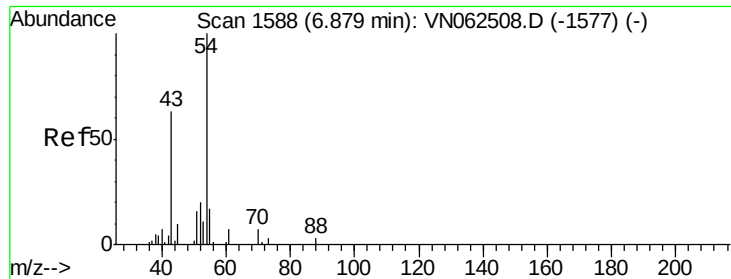
Tot Ion: 83 Resp: 75368
 Ion Ratio Lower Upper
 83 100
 85 62.6 51.6 77.4
 127 8.7 6.3 9.5



#42
 Vinyl Acetate
 Concen: 96.346 ug/l
 RT: 5.84 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: VN062553.D
 Acq: 20 Jul 2020 10:24

Tgt Ion: 43 Resp: 769058
 Ion Ratio Lower Upper
 43 100
 86 7.6 6.1 9.1

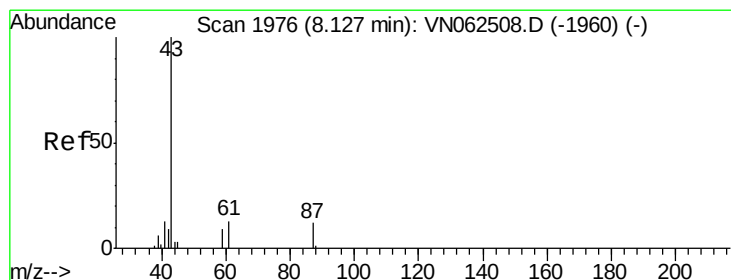
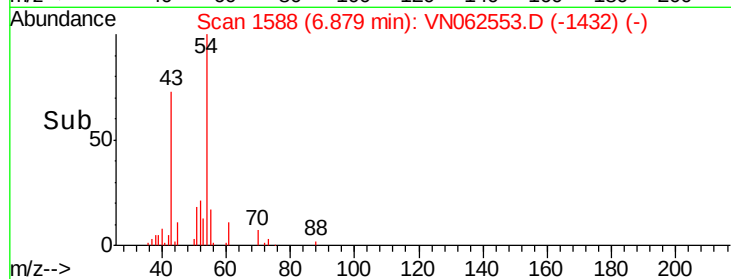
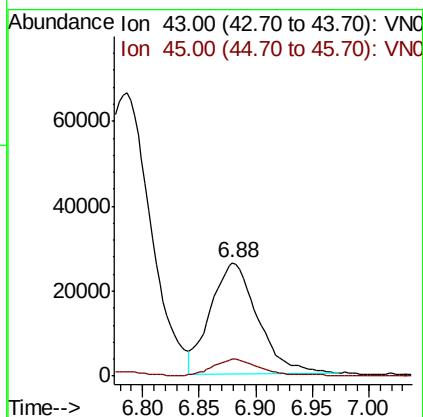
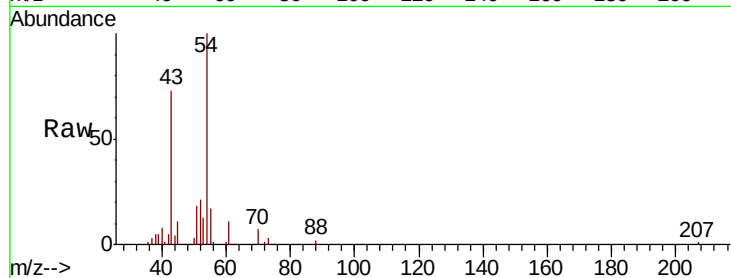




#43
Ethyl Acetate
Concen: 19.600 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. 0.00 min
Lab File: VN062553.D
Acq: 20 Jul 2020 10:24

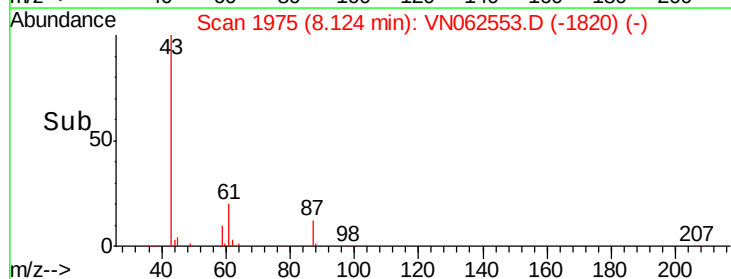
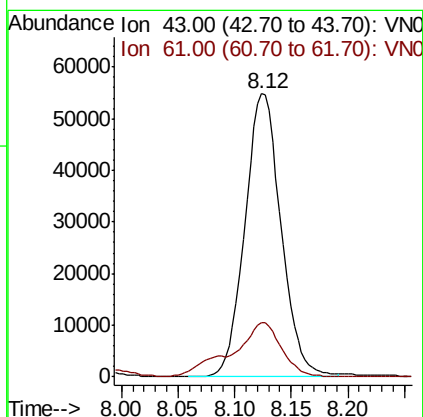
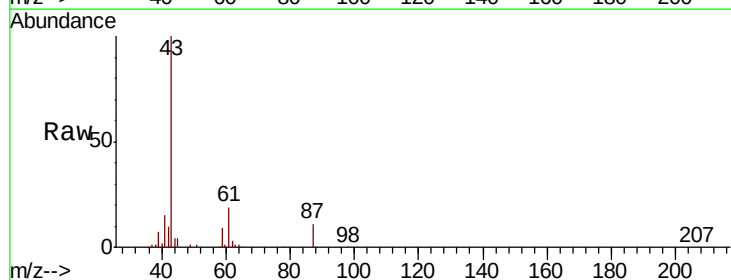
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

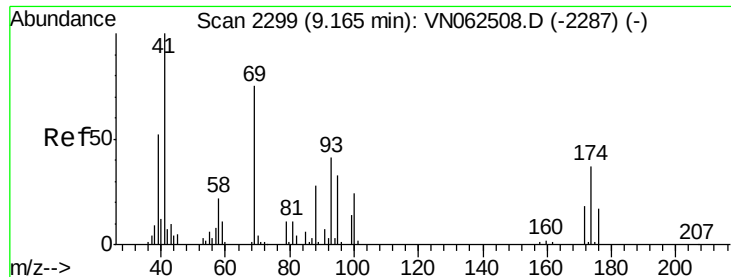
Tot Ion: 43 Resp: 75695
Ion Ratio Lower Upper
43 100
45 13.8 10.2 15.4



#44
Isopropyl Acetate
Concen: 18.865 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN062553.D
Acq: 20 Jul 2020 10:24

Tgt Ion: 43 Resp: 122235
Ion Ratio Lower Upper
43 100
61 19.4 14.7 22.1

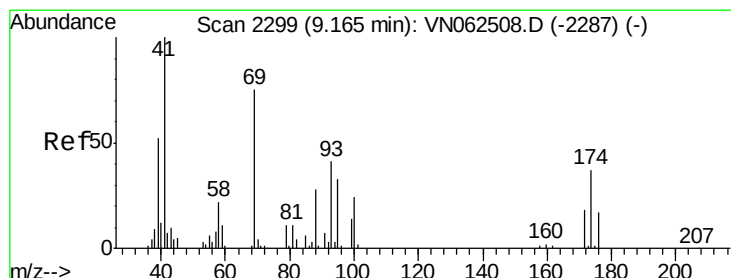
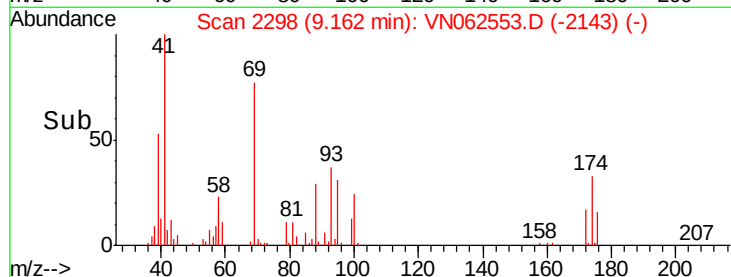
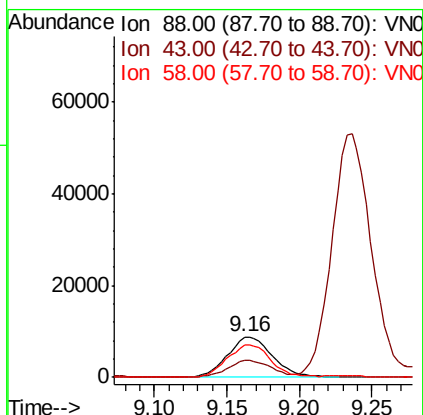
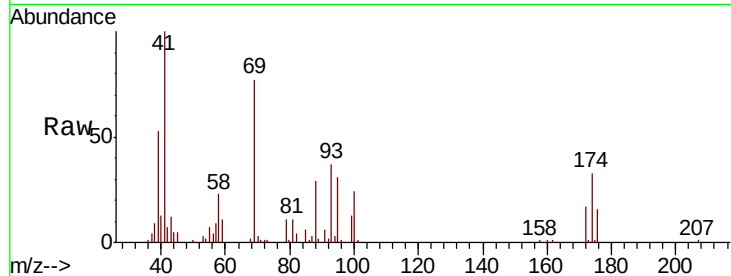




#45
 1,4-Dioxane
 Concen: 429.293 ug/l
 RT: 9.16 min Scan# 2298
 Delta R.T. -0.00 min
 Lab File: VN062553.D
 Acq: 20 Jul 2020 10:24

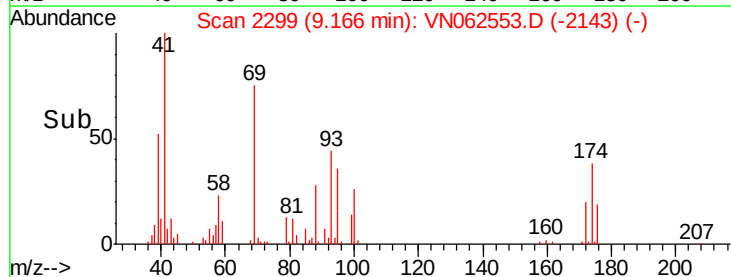
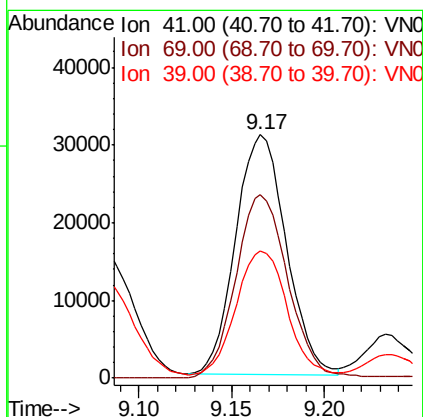
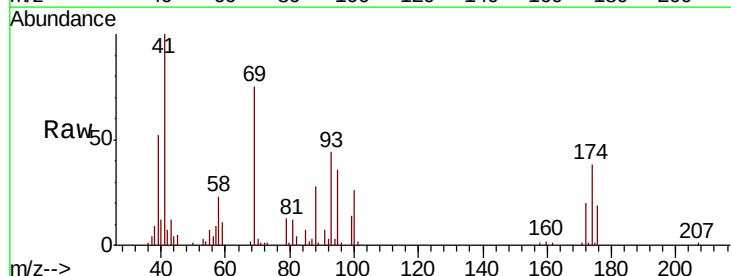
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

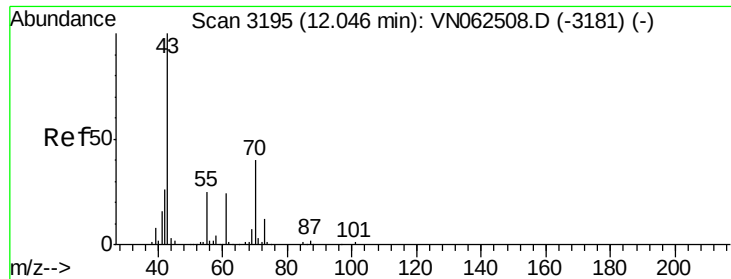
Tot Ion: 88 Resp: 19028
 Ion Ratio Lower Upper
 88 100
 43 39.5 29.2 43.8
 58 77.3 62.2 93.4



#46
 Methyl methacrylate
 Concen: 19.052 ug/l
 RT: 9.17 min Scan# 2299
 Delta R.T. 0.00 min
 Lab File: VN062553.D
 Acq: 20 Jul 2020 10:24

Tgt Ion: 41 Resp: 58564
 Ion Ratio Lower Upper
 41 100
 69 76.9 37.4 112.2
 39 51.5 25.9 77.6





#47

n-amvl Acetate

Concen: 18.384 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN062553.D

Acq: 20 Jul 2020 10:24

Instrument :

MSVOA_N

ClientSampleId :

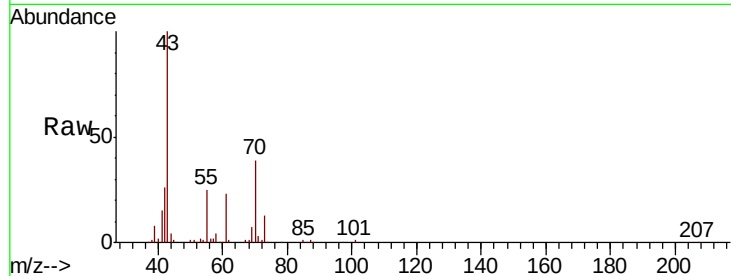
VSTDCCC020

Tot Ion: 43 Resp: 100413

Ion Ratio Lower Upper

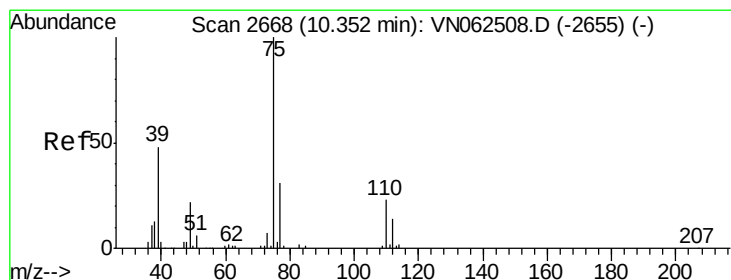
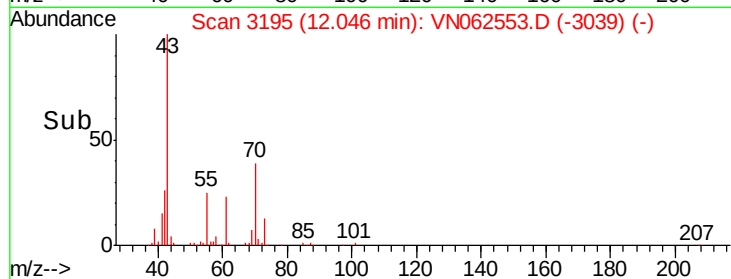
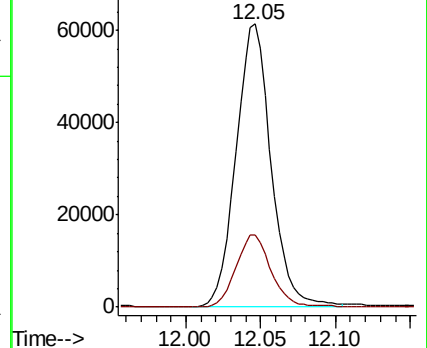
43 100

55 25.2 20.4 30.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#48

t-1,3-Dichloropropene

Concen: 19.457 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. 0.00 min

Lab File: VN062553.D

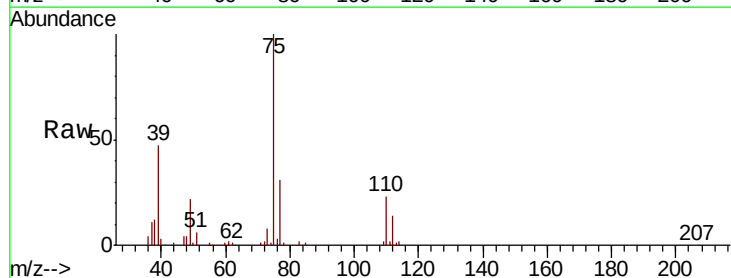
Acq: 20 Jul 2020 10:24

Tgt Ion: 75 Resp: 85043

Ion Ratio Lower Upper

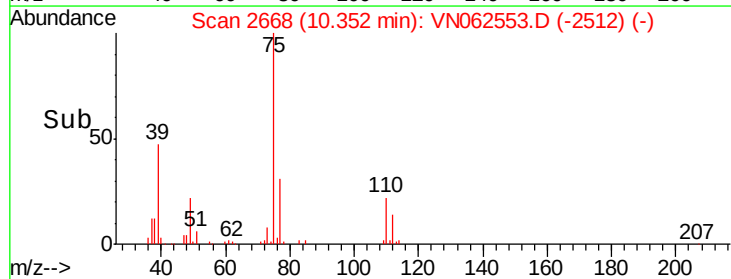
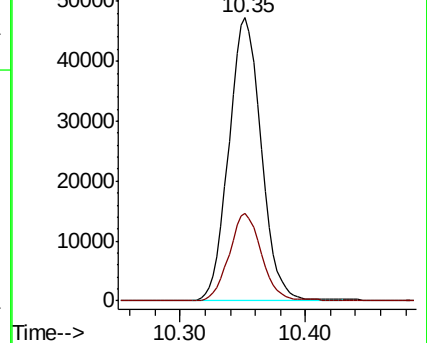
75 100

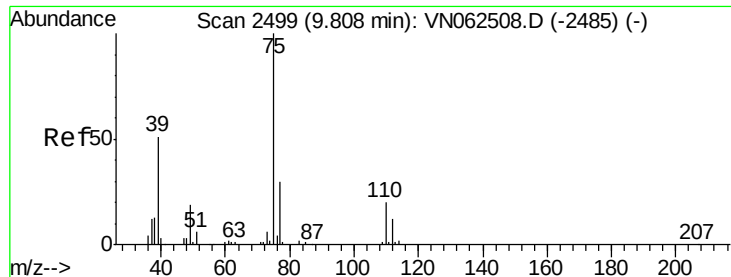
77 30.8 25.0 37.4



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 77.00 (76.70 to 77.70): VN0





#49

cis-1,3-Dichloropropene

Concen: 19.255 ug/l

RT: 9.81 min Scan# 2498

Delta R.T. -0.00 min

Lab File: VN062553.D

Acq: 20 Jul 2020 10:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

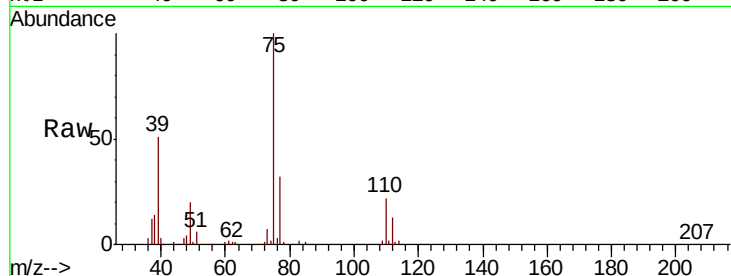
Tot Ion: 75 Resp: 90848

Ion Ratio Lower Upper

75 100

77 32.0 23.7 35.5

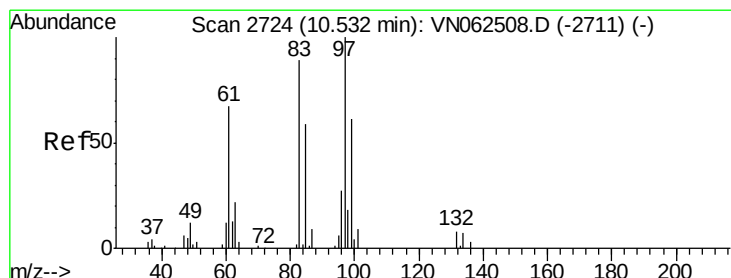
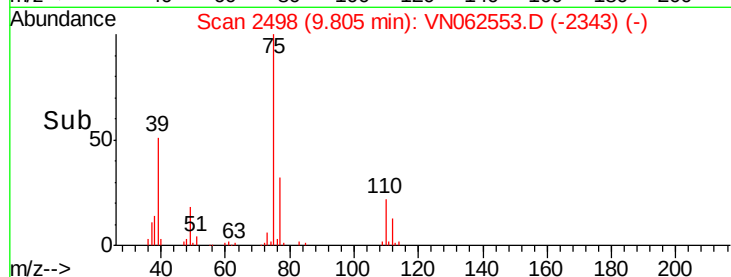
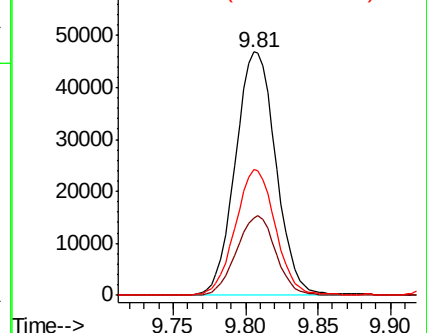
39 51.4 40.5 60.7



Abundance Ion 75.00 (74.70 to 75.70): VN062508.D (-2485) (-)

Ion 77.00 (76.70 to 77.70): VN062508.D (-2485) (-)

Ion 39.00 (38.70 to 39.70): VN062508.D (-2485) (-)



#50

1,1,2-Trichloroethane

Concen: 20.430 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. 0.00 min

Lab File: VN062553.D

Acq: 20 Jul 2020 10:24

Tgt Ion: 97 Resp: 50594

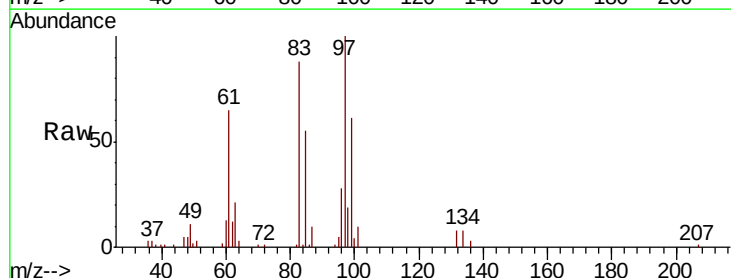
Ion Ratio Lower Upper

97 100

83 87.5 71.3 106.9

85 54.9 47.2 70.8

99 61.4 48.4 72.6

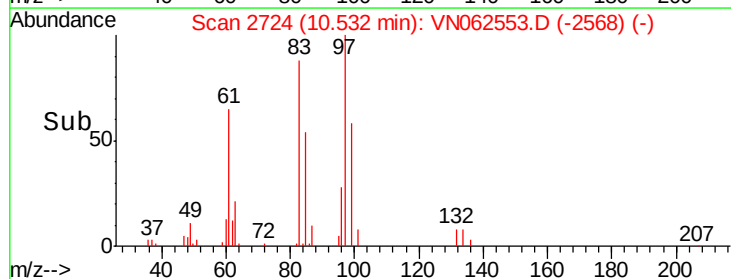
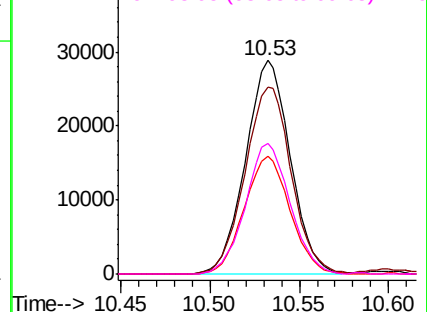


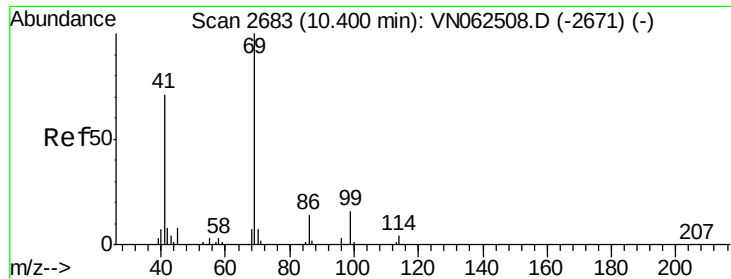
Abundance Ion 97.00 (96.70 to 97.70): VN062508.D (-2711) (-)

Ion 82.95 (82.65 to 83.65): VN062508.D (-2711) (-)

Ion 84.95 (84.65 to 85.65): VN062508.D (-2711) (-)

Ion 98.95 (98.65 to 99.65): VN062508.D (-2711) (-)





#51

Ethyl methacrylate

Concen: 18.264 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. 0.00 min

Lab File: VN062553.D

Acq: 20 Jul 2020 10:24

Instrument :

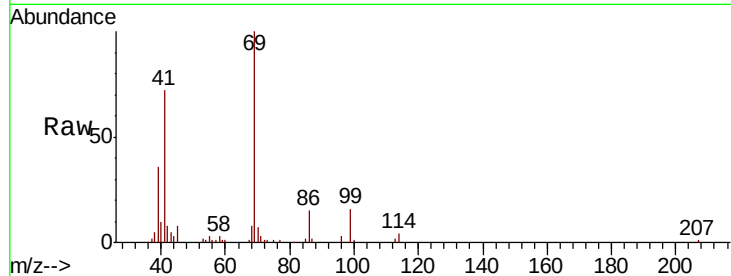
MSVOA_N

ClientSampleId :

VSTDCCC020

Tot Ion: 69 Resp: 76154

Ion	Ratio	Lower	Upper
69	100		
41	71.5	35.6	106.8
39	35.2	17.2	51.5

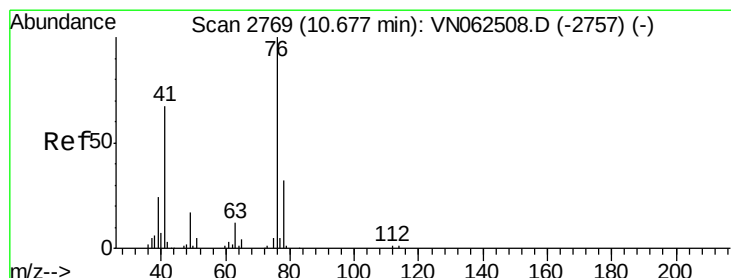
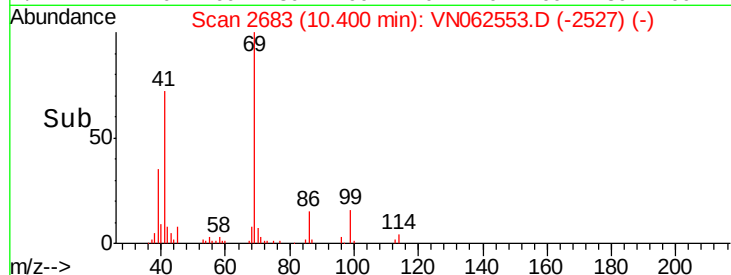
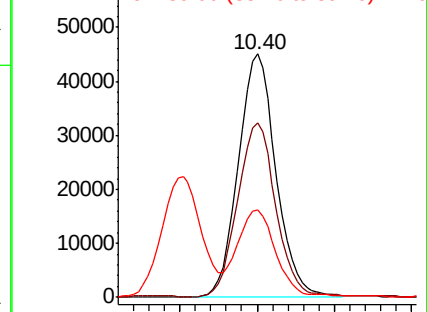


Abundance

Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#52

1,3-Dichloropropane

Concen: 20.007 ug/l

RT: 10.68 min Scan# 2769

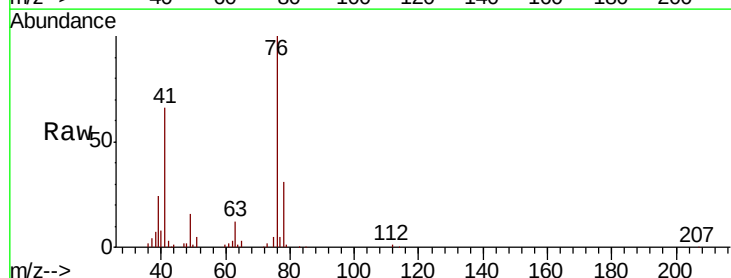
Delta R.T. 0.00 min

Lab File: VN062553.D

Acq: 20 Jul 2020 10:24

Tgt Ion: 76 Resp: 90935

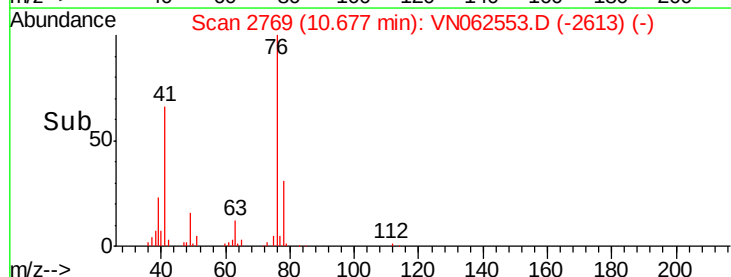
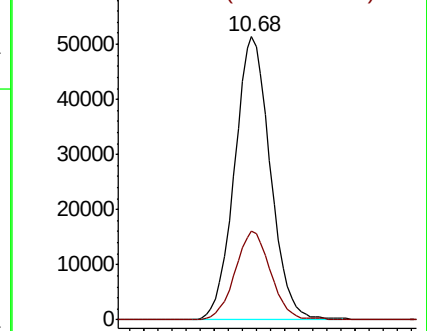
Ion	Ratio	Lower	Upper
76	100		
78	31.2	0.0	63.6

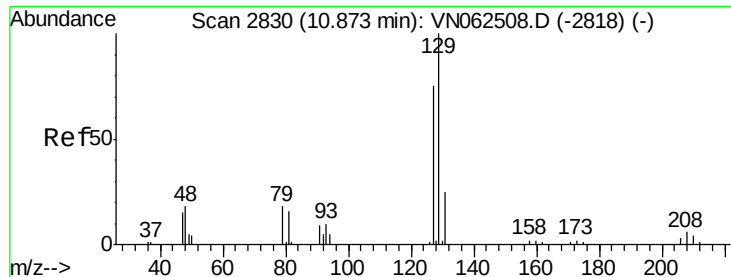


Abundance

Ion 76.00 (75.70 to 76.70): VN0

Ion 78.00 (77.70 to 78.70): VN0

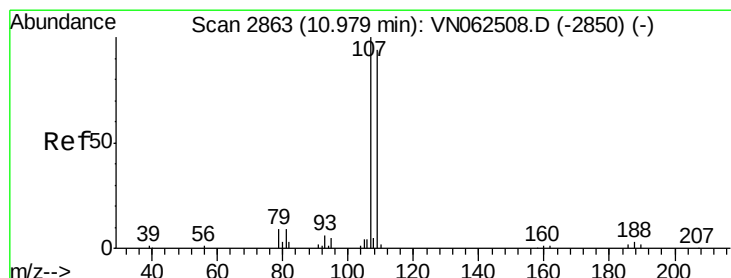
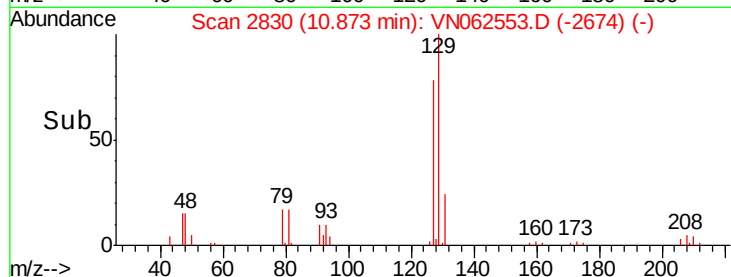
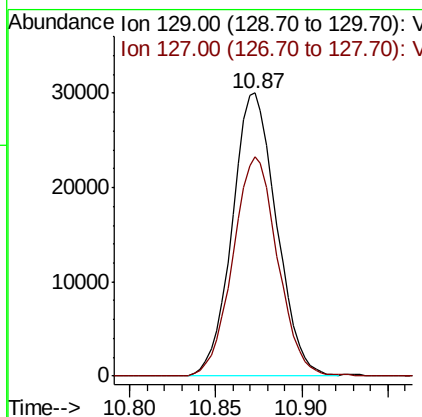
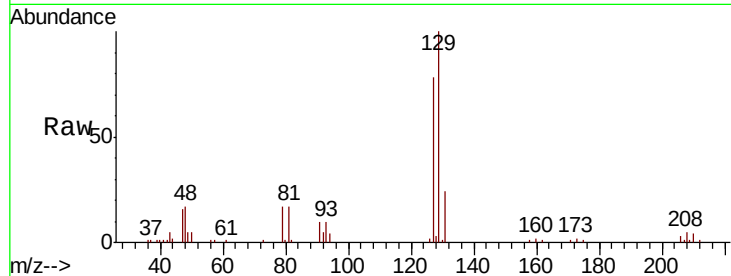




#53
 Dibromochloromethane
 Concen: 19.941 ug/l
 RT: 10.87 min Scan# 2830
 Delta R.T. 0.00 min
 Lab File: VN062553.D
 Acq: 20 Jul 2020 10:24

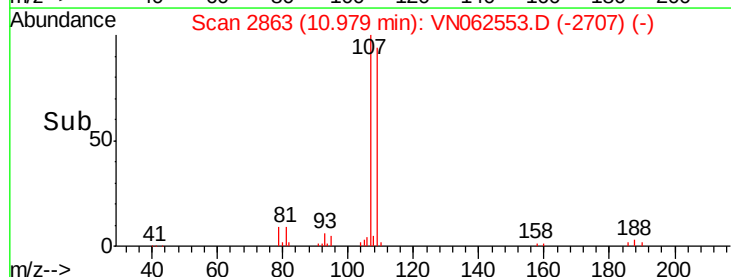
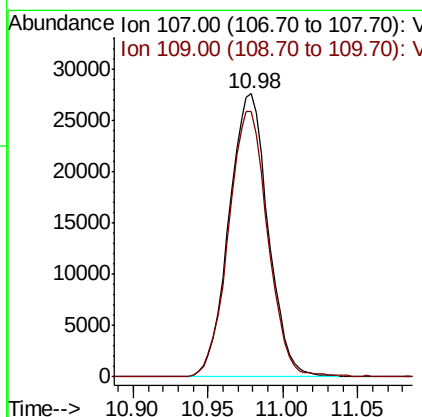
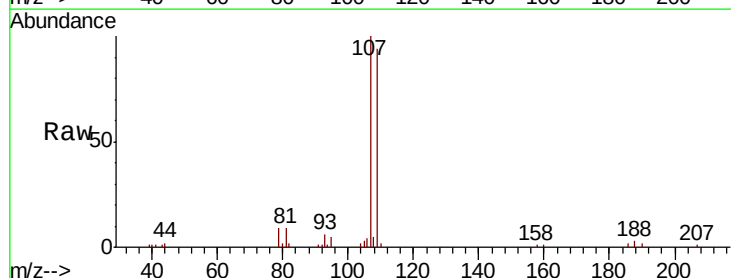
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

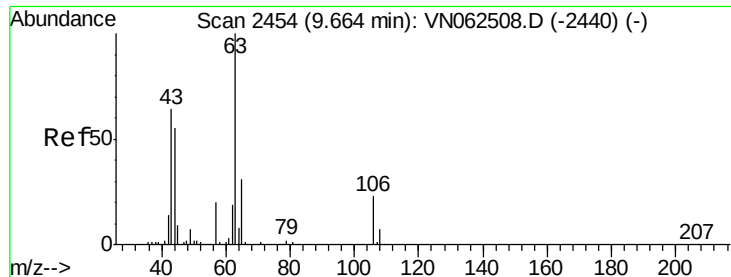
Tot Ion:129 Resp: 53806
 Ion Ratio Lower Upper
 129 100
 127 78.1 38.1 114.5



#54
 1,2-Dibromoethane
 Concen: 19.837 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: VN062553.D
 Acq: 20 Jul 2020 10:24

Tgt Ion:107 Resp: 50284
 Ion Ratio Lower Upper
 107 100
 109 94.4 74.8 112.2

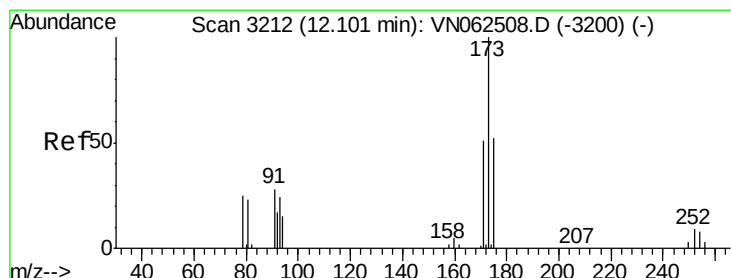
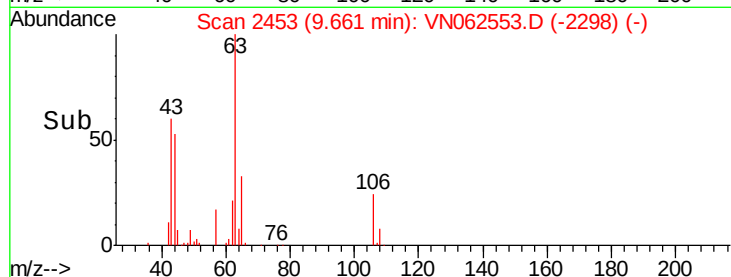
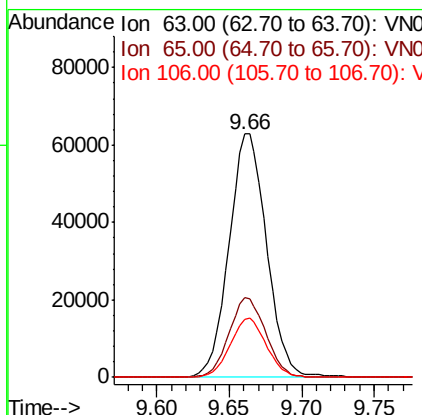
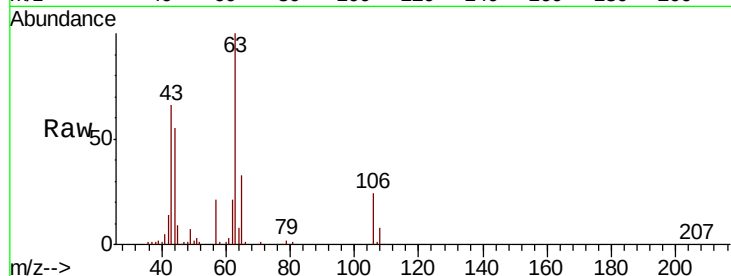




#55
 2-Chloroethyl vinyl ether
 Concen: 84.974 ug/l
 RT: 9.66 min Scan# 2453
 Delta R.T. -0.00 min
 Lab File: VN062553.D
 Acq: 20 Jul 2020 10:24

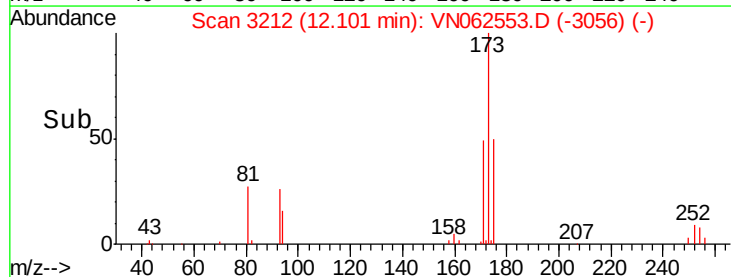
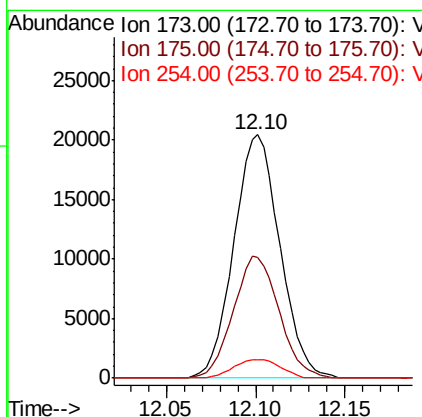
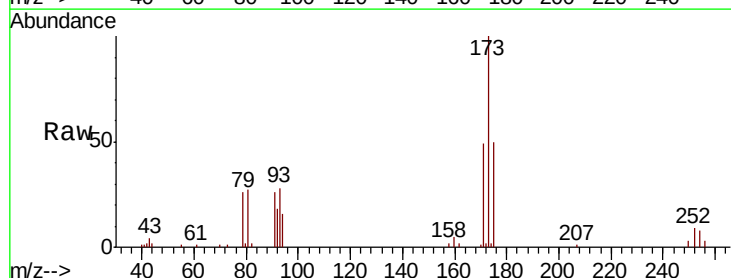
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

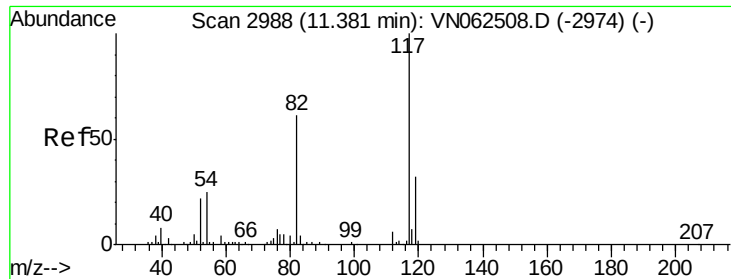
Tot Ion: 63 Resp: 113162
 Ion Ratio Lower Upper
 63 100
 65 32.1 25.4 38.2
 106 23.4 18.4 27.6



#56
 Bromoform
 Concen: 19.977 ug/l
 RT: 12.10 min Scan# 3212
 Delta R.T. 0.00 min
 Lab File: VN062553.D
 Acq: 20 Jul 2020 10:24

Tgt Ion: 173 Resp: 36815
 Ion Ratio Lower Upper
 173 100
 175 49.7 38.1 57.1
 254 7.8 6.2 9.2

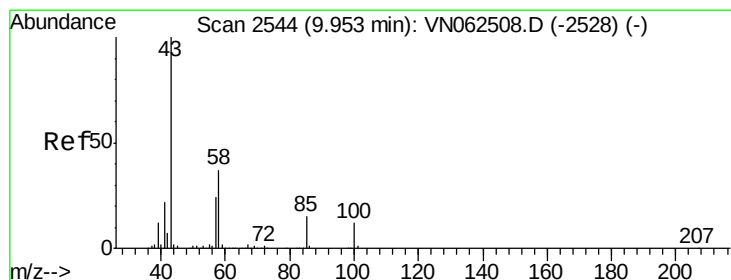
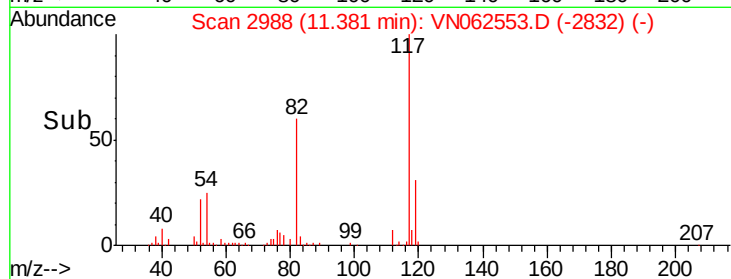
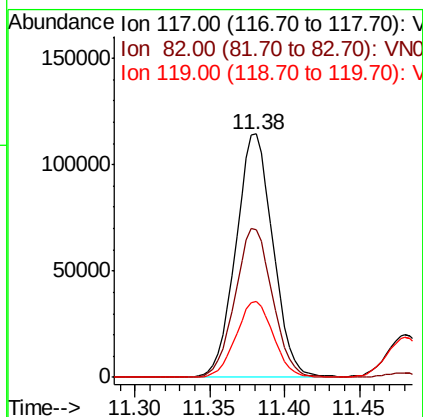
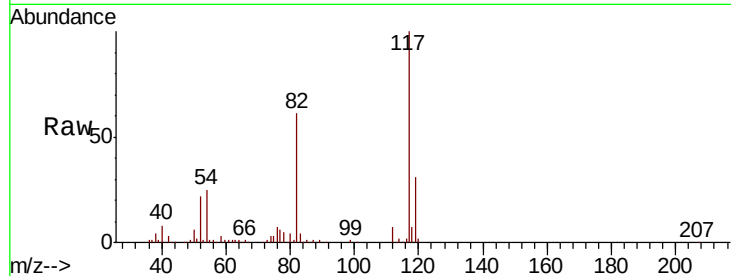




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN062553.D
Acq: 20 Jul 2020 10:24

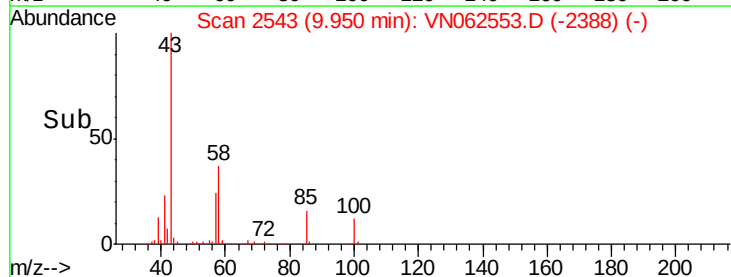
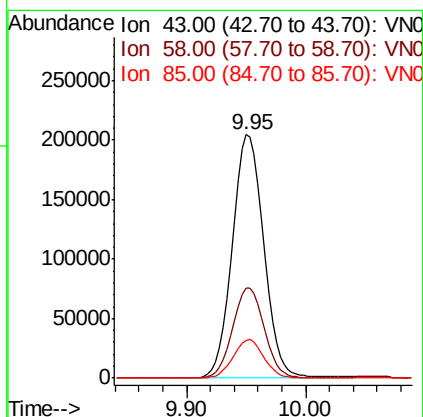
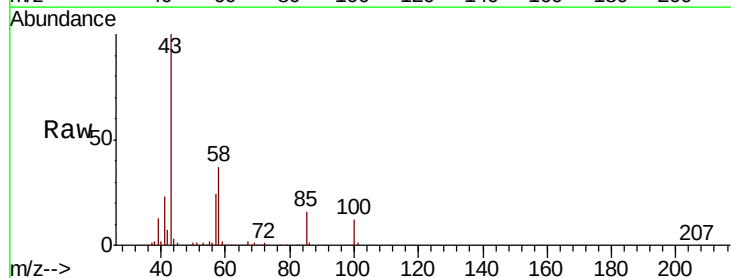
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

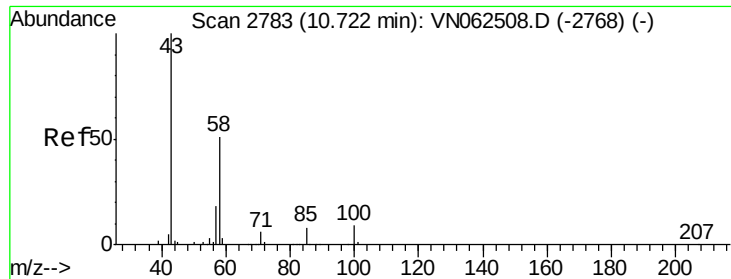
Tot Ion	Ratio	Lower	Upper
117	100		
82	61.7	49.0	73.6
119	31.4	25.6	38.4



#58
4-Methyl-2-Pentanone
Concen: 97.566 ug/l
RT: 9.95 min Scan# 2543
Delta R.T. -0.00 min
Lab File: VN062553.D
Acq: 20 Jul 2020 10:24

Tgt Ion	Ratio	Lower	Upper
43	100		
58	37.2	29.6	44.4
85	15.5	12.0	18.0

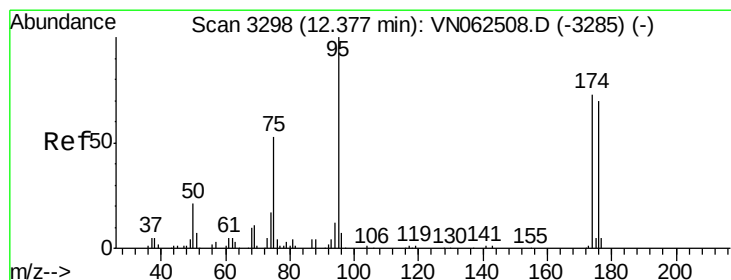
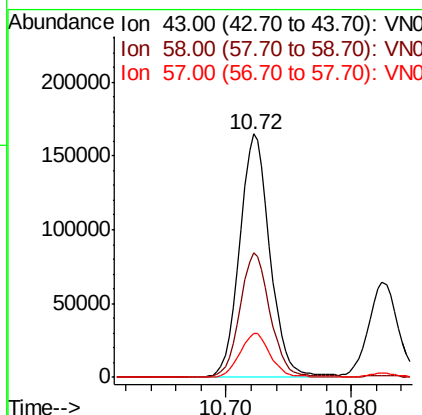
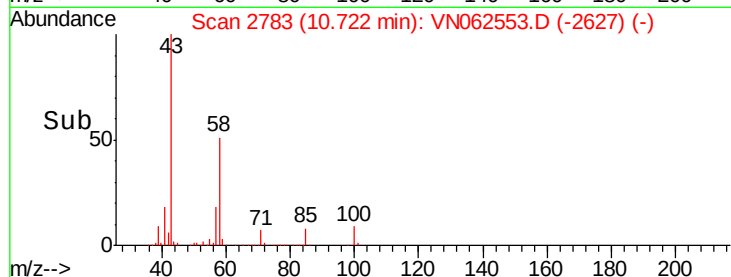
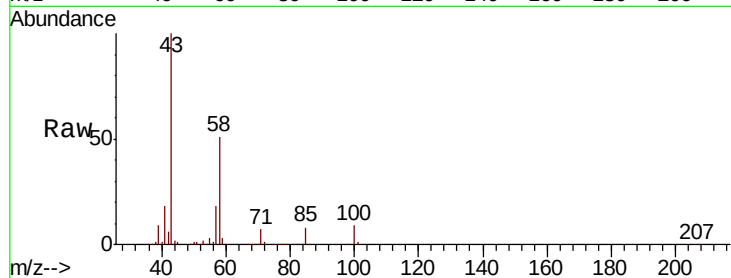




#59
2-Hexanone
Concen: 97.936 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN062553.D
Acq: 20 Jul 2020 10:24

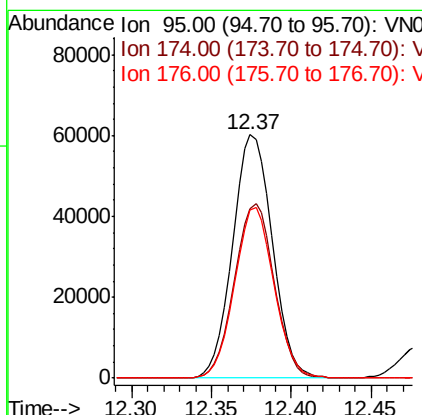
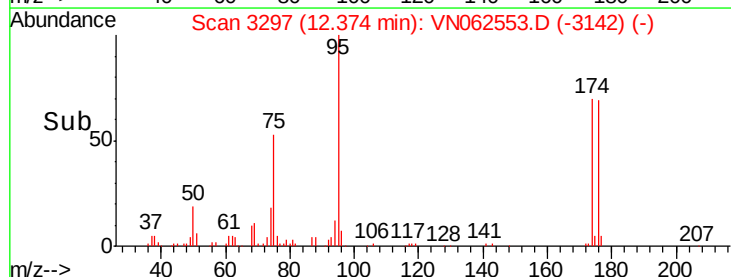
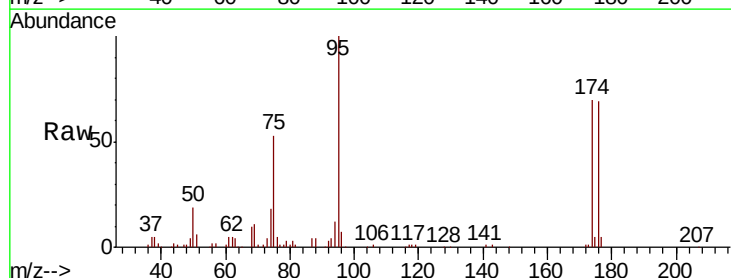
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

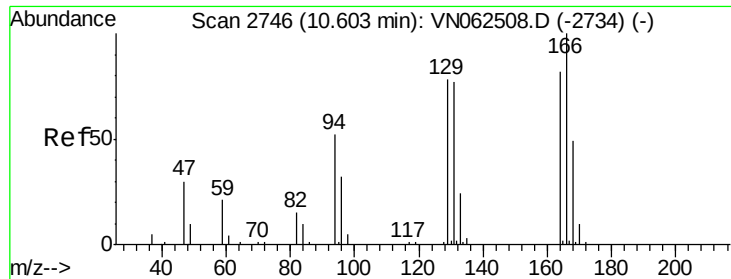
Tot Ion: 43 Resp: 277113
Ion Ratio Lower Upper
43 100
58 51.4 41.2 61.8
57 18.2 14.4 21.6



#60
4-Bromofluorobenzene
Concen: 30.185 ug/l
RT: 12.37 min Scan# 3297
Delta R.T. -0.00 min
Lab File: VN062553.D
Acq: 20 Jul 2020 10:24

Tgt Ion: 95 Resp: 101719
Ion Ratio Lower Upper
95 100
174 71.9 57.5 86.3
176 69.6 56.3 84.5





#61

Tetrachloroethene

Concen: 19.923 ug/l

RT: 10.60 min Scan# 2746

Delta R.T. 0.00 min

Lab File: VN062553.D

Acq: 20 Jul 2020 10:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tot Ion:164 Resp: 40402

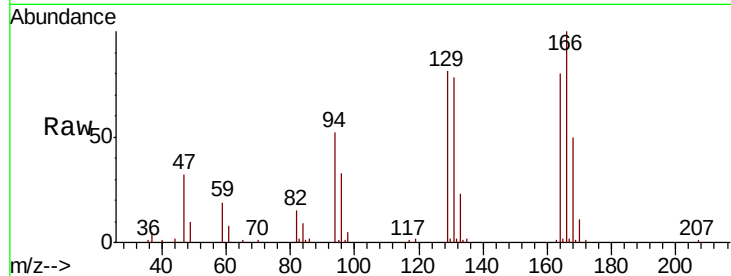
Ion Ratio Lower Upper

164 100

166 125.1 97.7 146.5

129 100.9 77.0 115.4

131 97.2 75.0 112.6

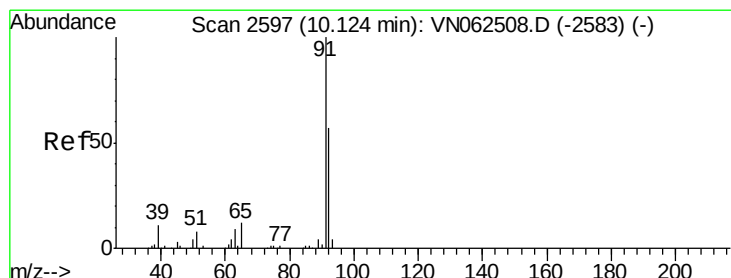
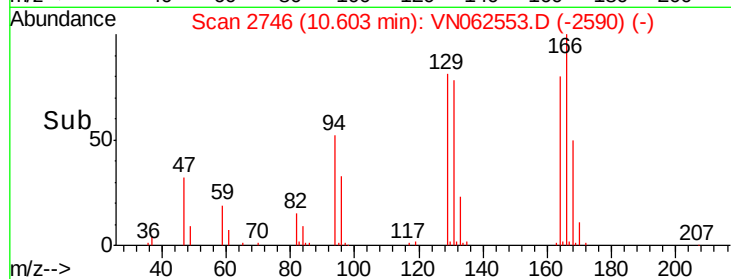
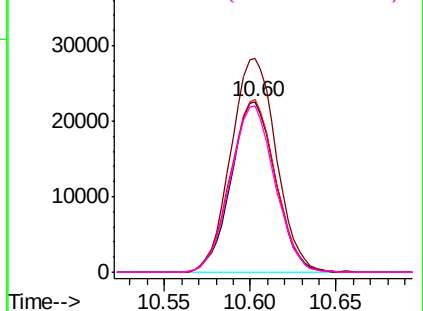


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 19.493 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. 0.00 min

Lab File: VN062553.D

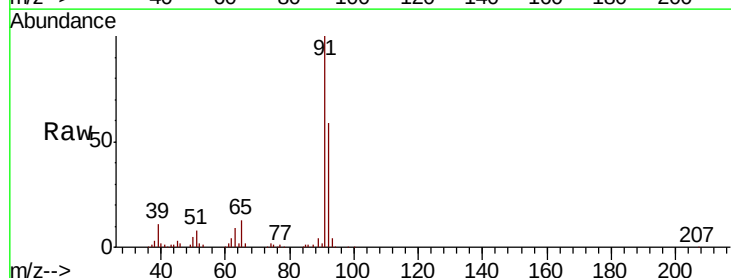
Acq: 20 Jul 2020 10:24

Tgt Ion: 91 Resp: 218984

Ion Ratio Lower Upper

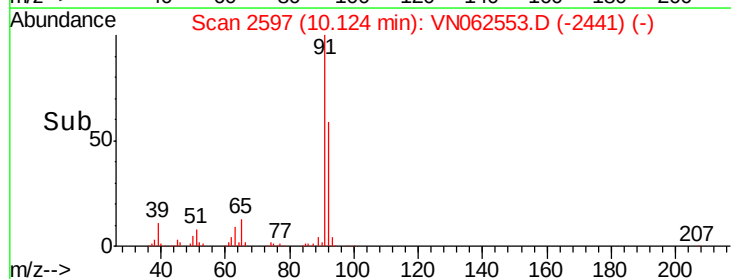
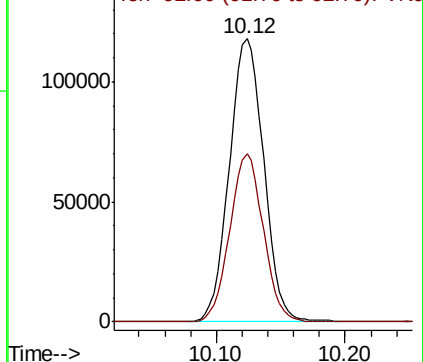
91 100

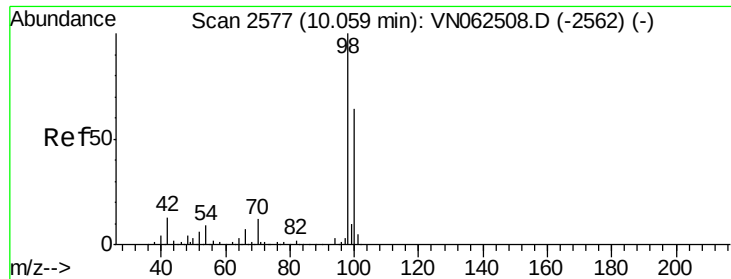
92 57.7 45.8 68.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0





#63

Toluene-d8

Concen: 30.556 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN062553.D

Acq: 20 Jul 2020 10:24

Instrument :

MSVOA_N

ClientSampleId :

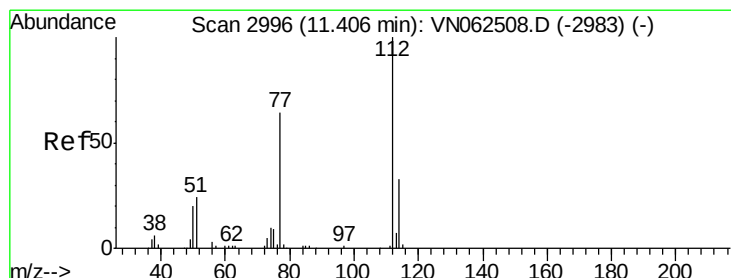
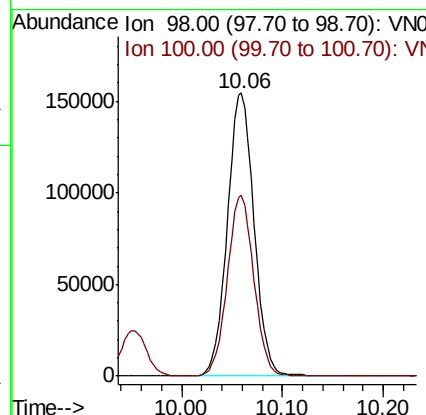
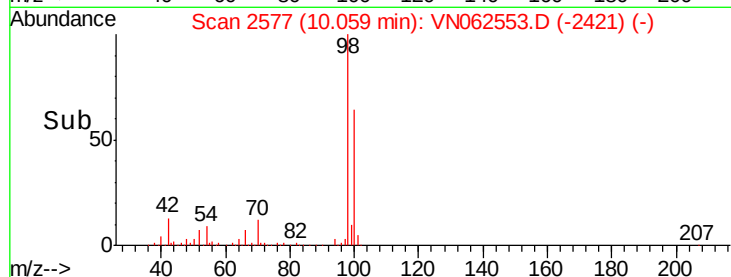
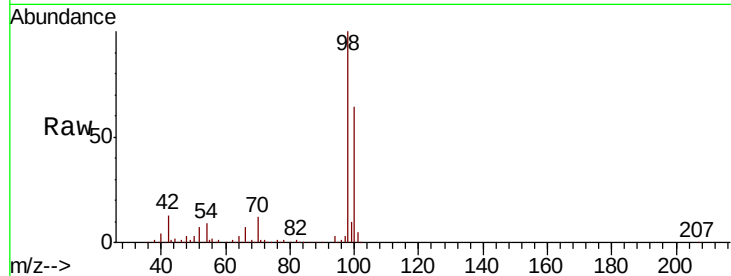
VSTDCCC020

Tot Ion: 98 Resp: 285919

Ion Ratio Lower Upper

98 100

100 63.5 50.4 75.6



#64

Chlorobenzene

Concen: 19.746 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN062553.D

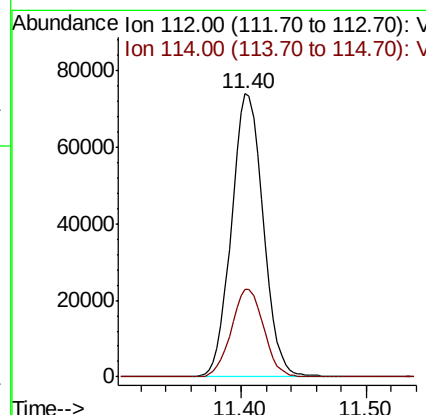
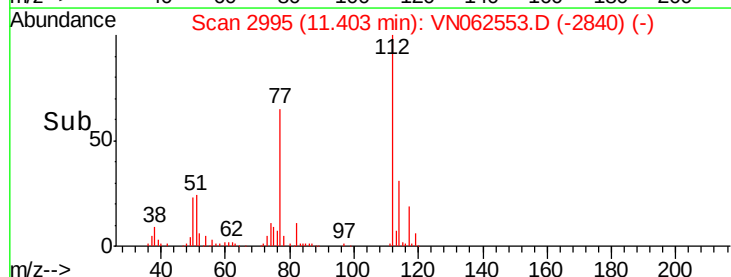
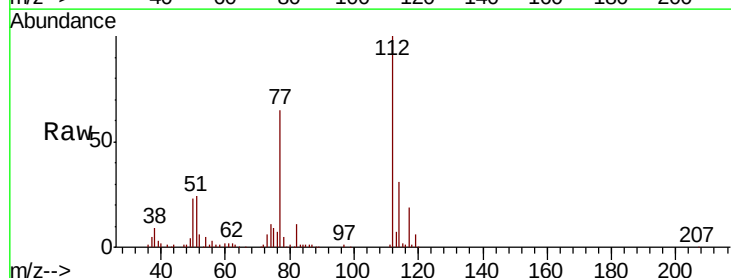
Acq: 20 Jul 2020 10:24

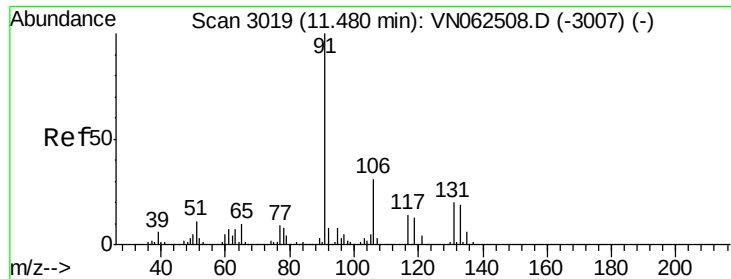
Tgt Ion: 112 Resp: 130345

Ion Ratio Lower Upper

112 100

114 30.9 26.0 39.0





#65

1,1,1,2-Tetrachloroethane

Concen: 20.110 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. 0.00 min

Lab File: VN062553.D

Acq: 20 Jul 2020 10:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

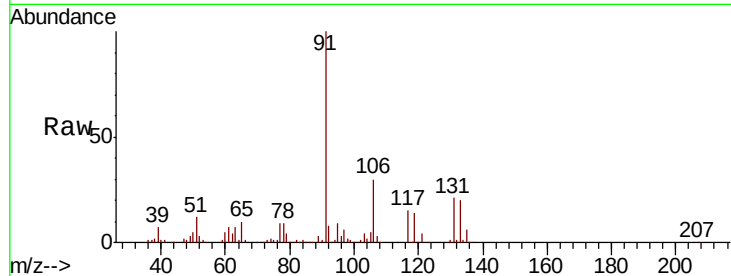
Tot Ion:131 Resp: 49138

Ion Ratio Lower Upper

131 100

133 95.0 0.0 191.4

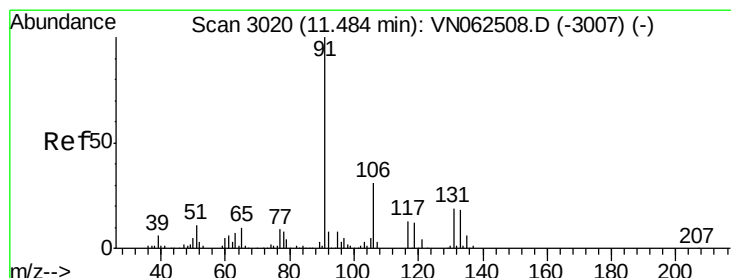
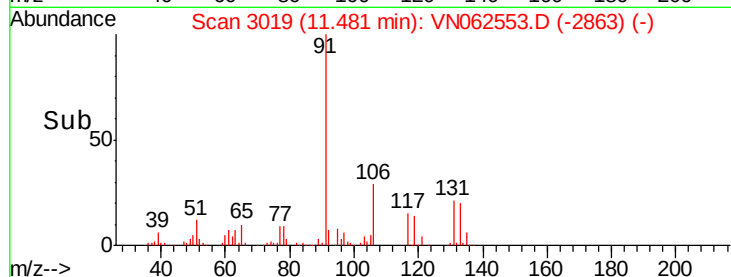
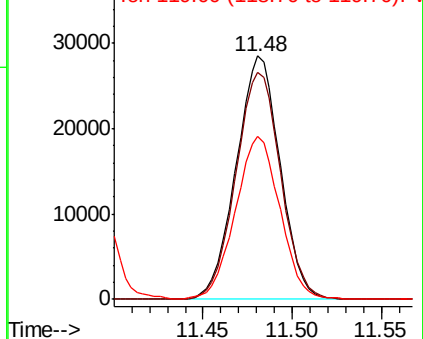
119 67.8 0.0 136.2



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: 18.936 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. 0.00 min

Lab File: VN062553.D

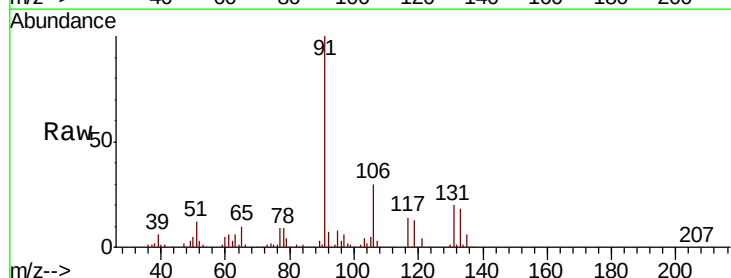
Acq: 20 Jul 2020 10:24

Tgt Ion: 91 Resp: 235566

Ion Ratio Lower Upper

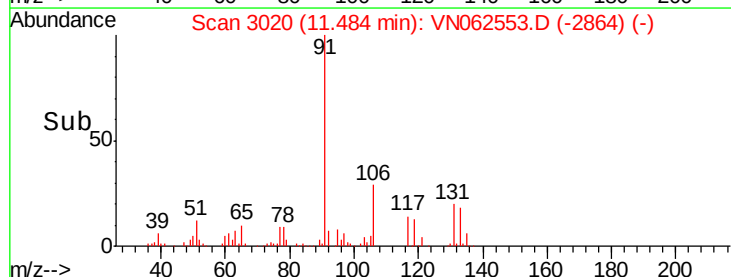
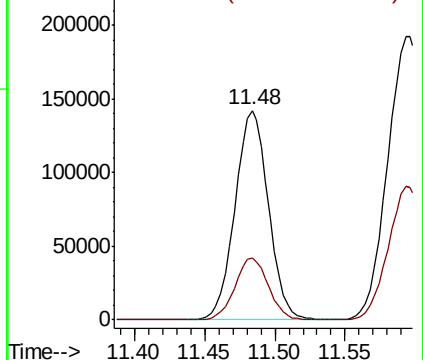
91 100

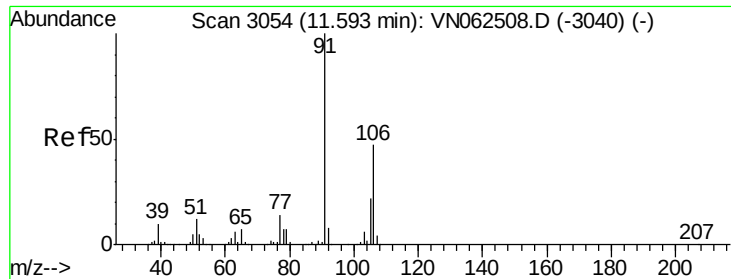
106 29.7 24.6 36.8



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V

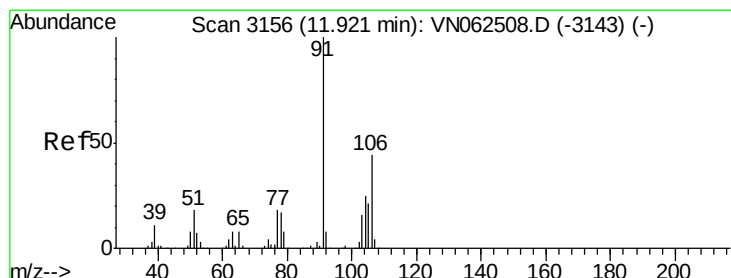
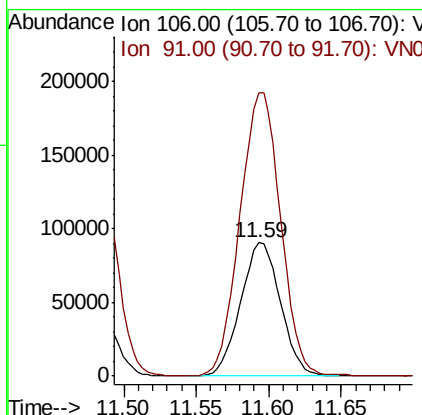
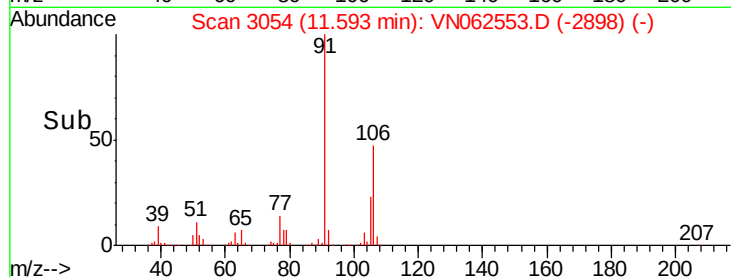
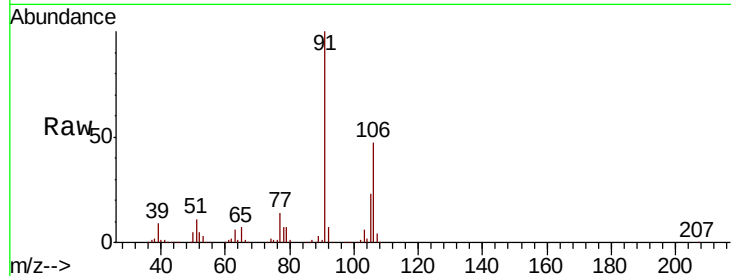




#67
m/p-Xylenes
Concen: 38.092 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN062553.D
Acq: 20 Jul 2020 10:24

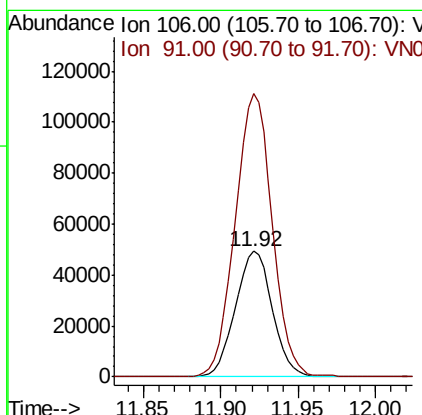
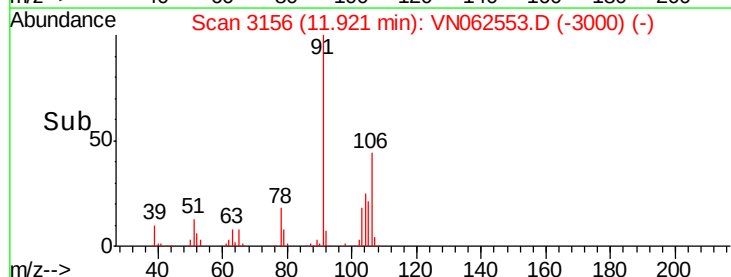
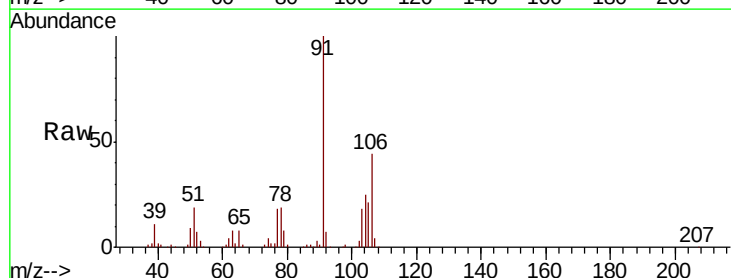
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

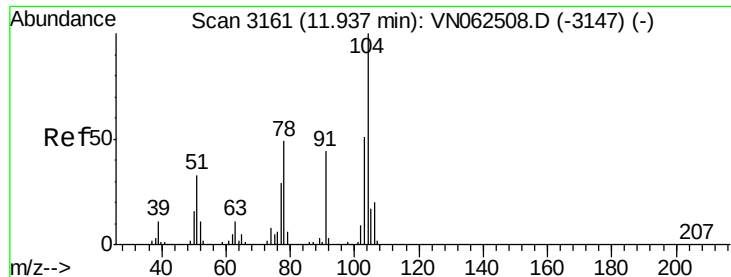
Tot Ion:106 Resp: 171998
Ion Ratio Lower Upper
106 100
91 217.9 170.7 256.1



#68
o-Xylene
Concen: 18.910 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN062553.D
Acq: 20 Jul 2020 10:24

Tgt Ion:106 Resp: 81943
Ion Ratio Lower Upper
106 100
91 226.1 113.9 341.6

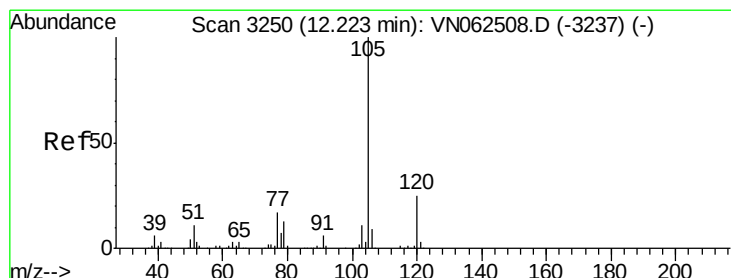
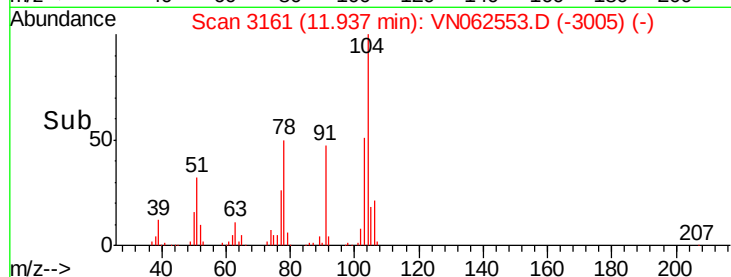
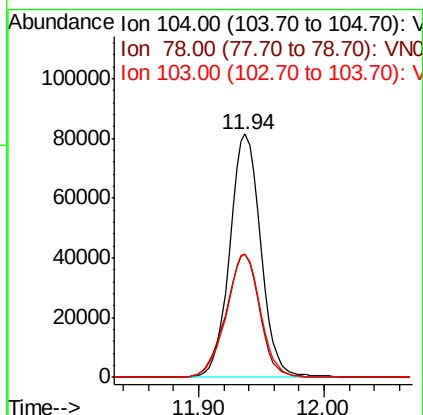
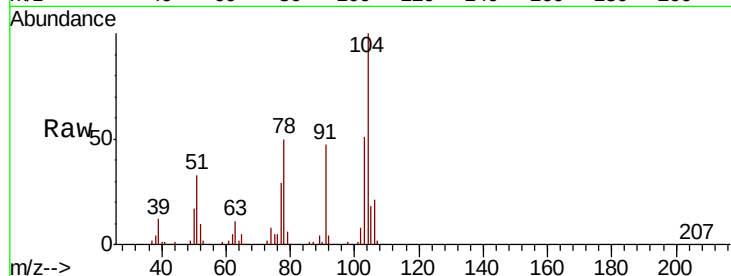




#69
Stvrene
Concen: 19.041 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN062553.D
Acq: 20 Jul 2020 10:24

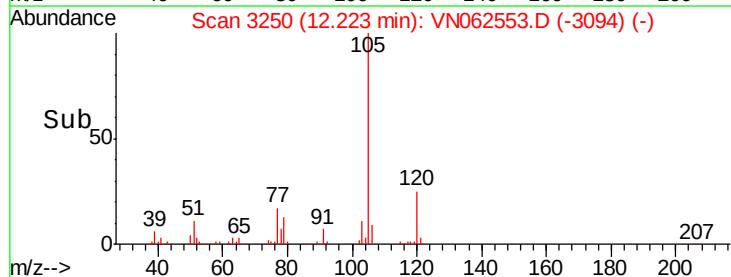
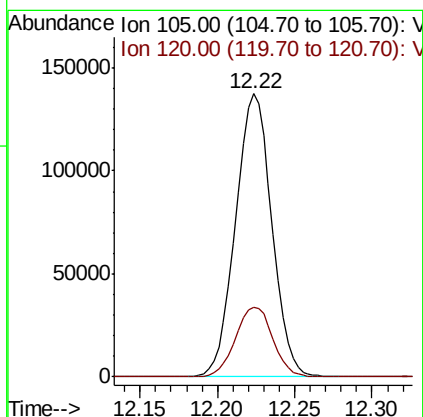
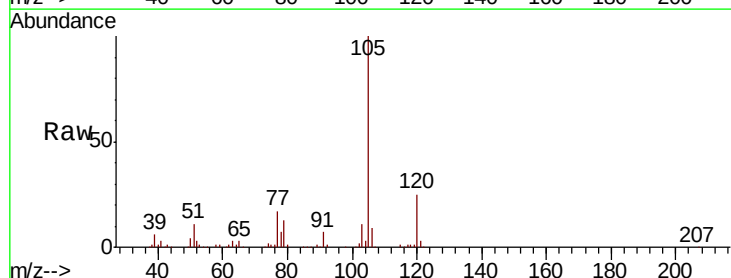
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020

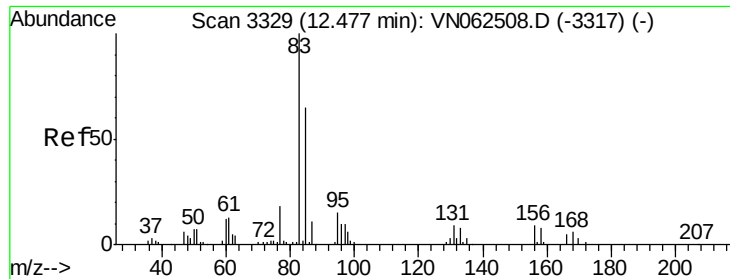
Tot Ion:104 Resp: 140038
Ion Ratio Lower Upper
104 100
78 55.1 43.9 65.9
103 55.3 43.8 65.6



#70
Isopropylbenzene
Concen: 19.229 ug/l
RT: 12.22 min Scan# 3250
Delta R.T. 0.00 min
Lab File: VN062553.D
Acq: 20 Jul 2020 10:24

Tgt Ion:105 Resp: 223675
Ion Ratio Lower Upper
105 100
120 25.4 17.6 32.8

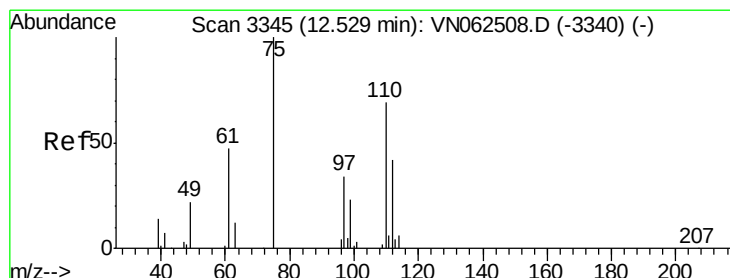
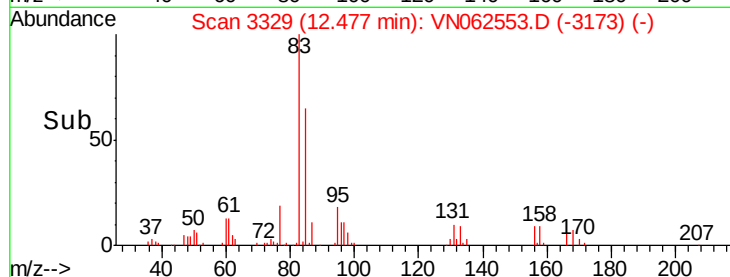
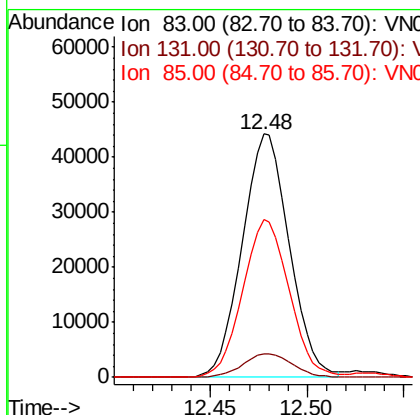
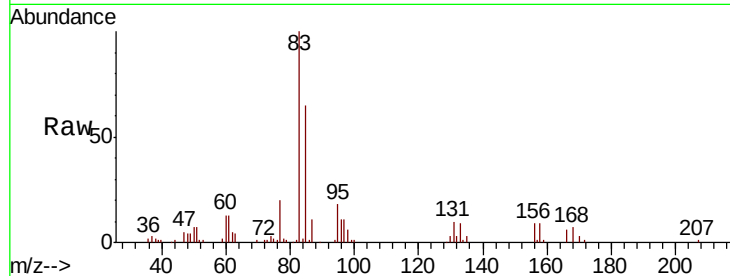




#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.909 ug/l
 RT: 12.48 min Scan# 3329
 Delta R.T. 0.00 min
 Lab File: VN062553.D
 Acq: 20 Jul 2020 10:24

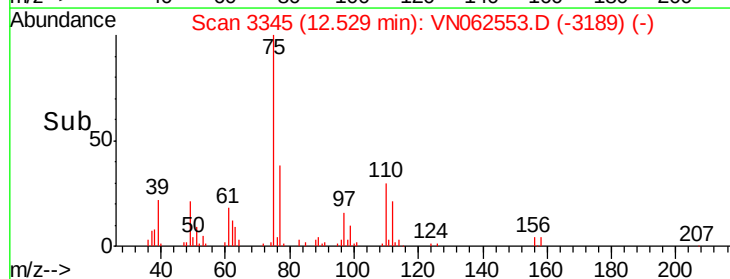
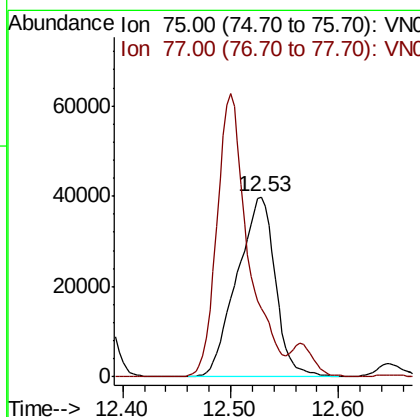
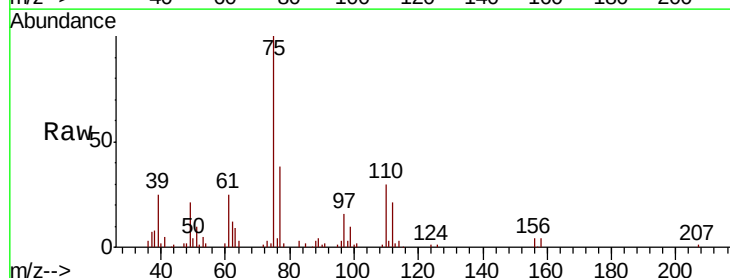
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

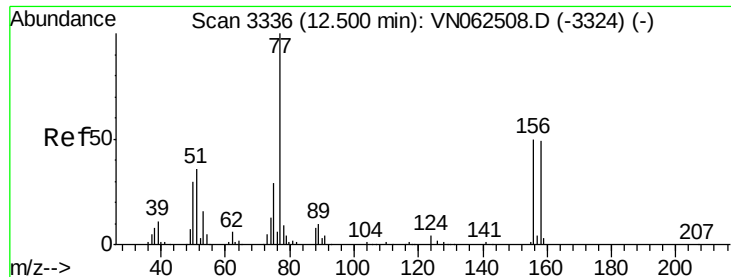
Tot Ion: 83 Resp: 74849
 Ion Ratio Lower Upper
 83 100
 131 10.2 4.5 13.7
 85 64.1 32.5 97.4



#72
 1,2,3-Trichloropropane
 Concen: 26.904 ug/l
 RT: 12.53 min Scan# 3345
 Delta R.T. 0.00 min
 Lab File: VN062553.D
 Acq: 20 Jul 2020 10:24

Tgt Ion: 75 Resp: 98385
 Ion Ratio Lower Upper
 75 100
 77 128.8 0.0 376.2





#73

Bromobenzene

Concen: 19.609 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN062553.D

Acq: 20 Jul 2020 10:24

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC020

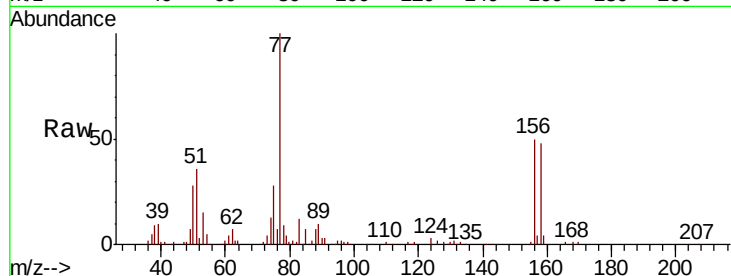
Tot Ion:156 Resp: 52827

Ion Ratio Lower Upper

156 100

77 239.9 0.0 485.0

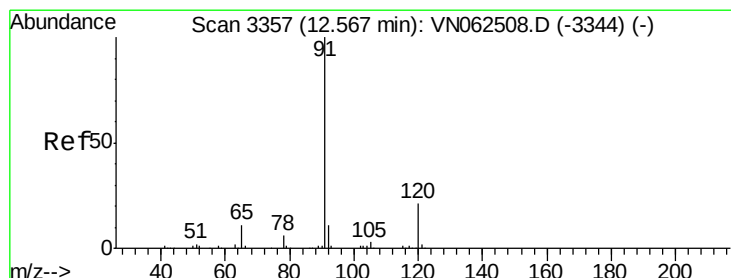
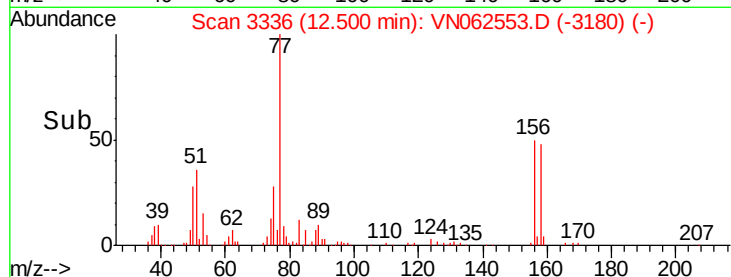
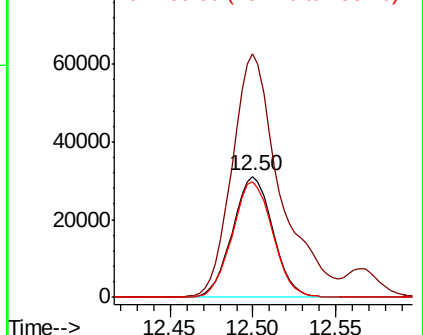
158 95.8 0.0 192.6



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: 19.289 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN062553.D

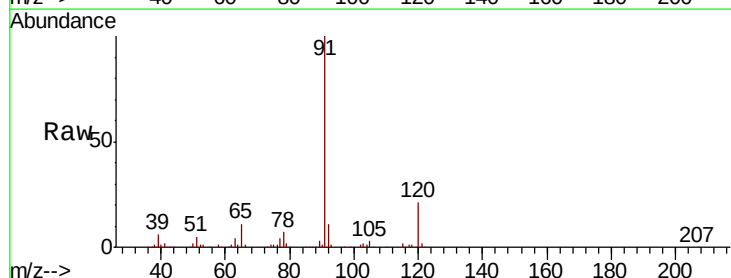
Acq: 20 Jul 2020 10:24

Tgt Ion: 91 Resp: 266714

Ion Ratio Lower Upper

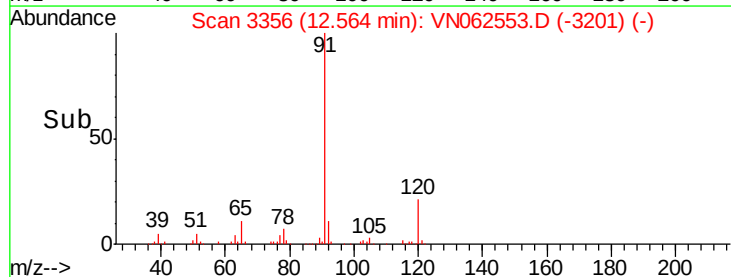
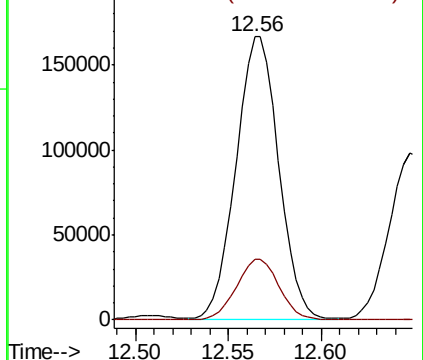
91 100

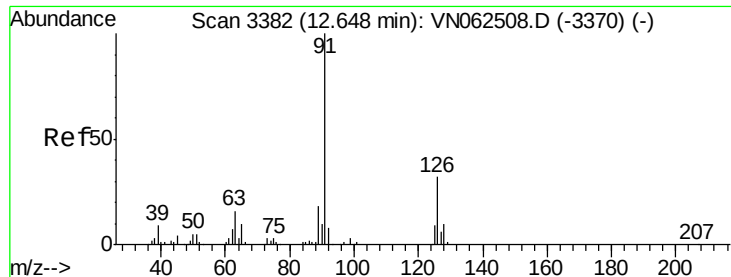
120 21.3 0.0 42.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.346 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. 0.00 min

Lab File: VN062553.D

Acq: 20 Jul 2020 10:24

Instrument :

MSVOA_N

ClientSampleId :

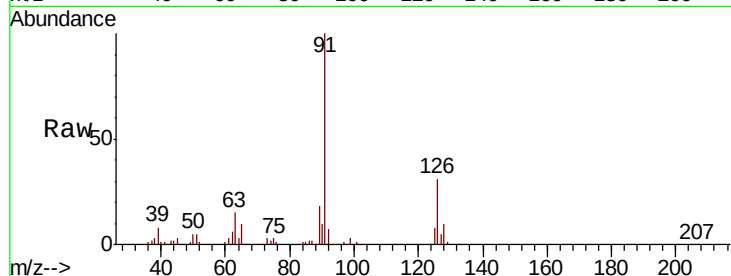
VSTDCCC020

Tot Ion: 91 Resp: 161056

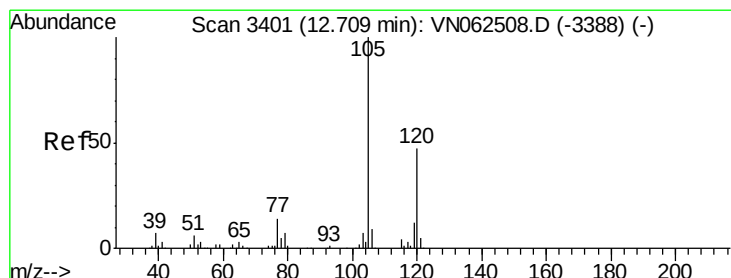
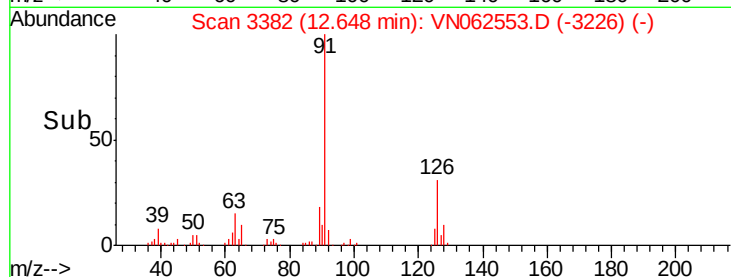
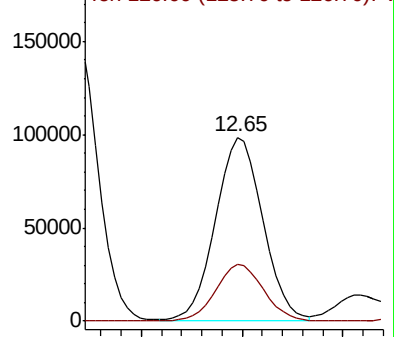
Ion Ratio Lower Upper

91 100

126 31.3 0.0 62.2



Abundance Ion 91.00 (90.70 to 91.70): VN062508.D (-3370) (-)



#76

1,3,5-Trimethylbenzene

Concen: 19.288 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN062553.D

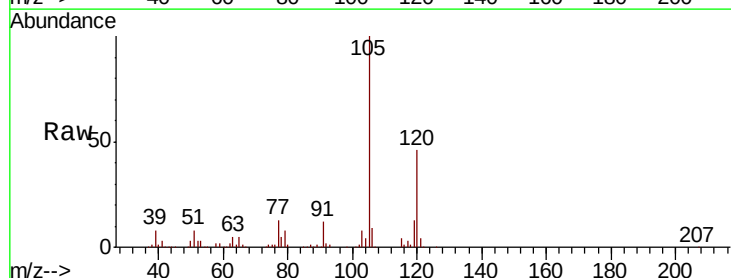
Acq: 20 Jul 2020 10:24

Tgt Ion: 105 Resp: 191172

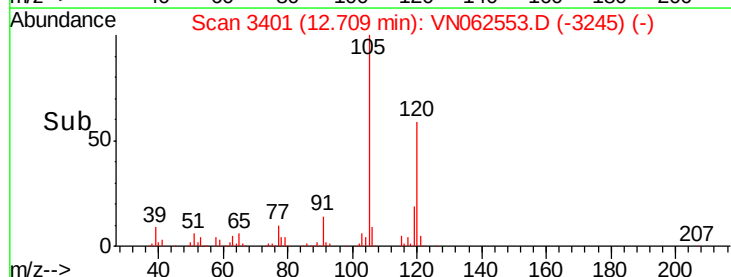
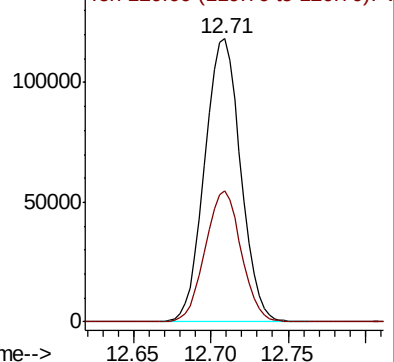
Ion Ratio Lower Upper

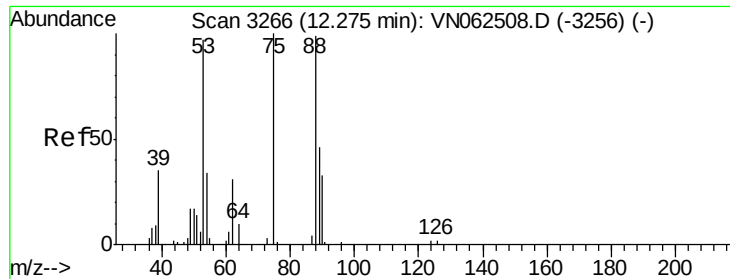
105 100

120 46.2 0.0 95.0



Abundance Ion 105.00 (104.70 to 105.70): VN062508.D (-3388) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 19.123 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. 0.00 min

Lab File: VN062553.D

Acq: 20 Jul 2020 10:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

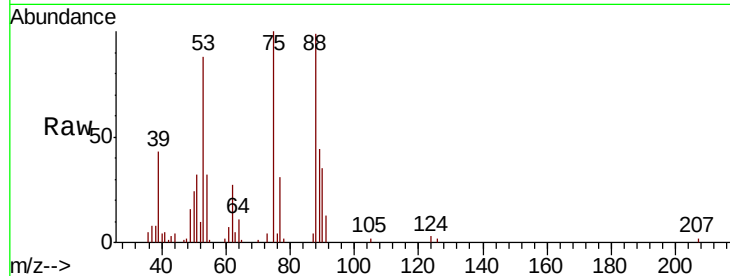
Tot Ion: 75 Resp: 26154

Ion Ratio Lower Upper

75 100

53 86.7 48.3 144.8

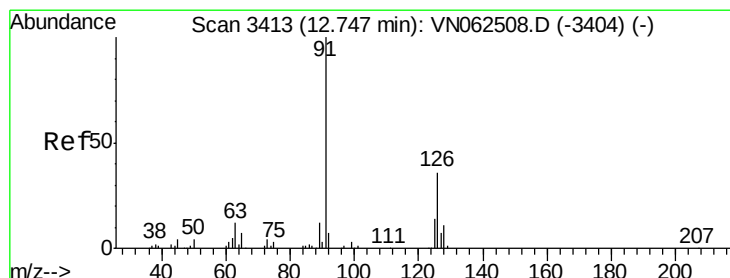
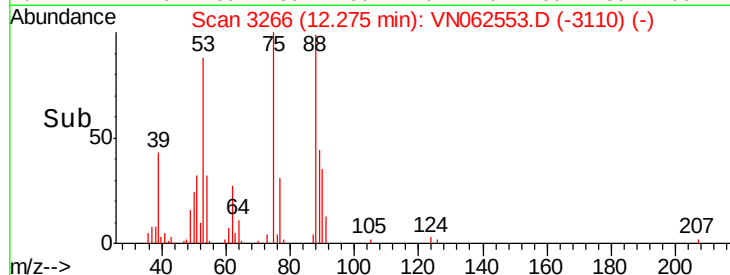
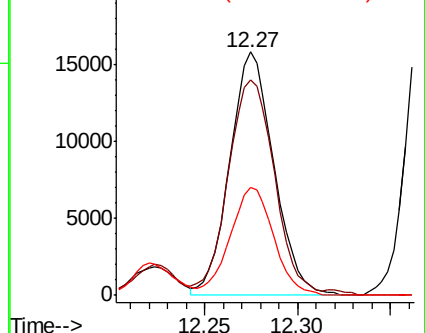
89 44.3 23.3 69.8



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: 19.037 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN062553.D

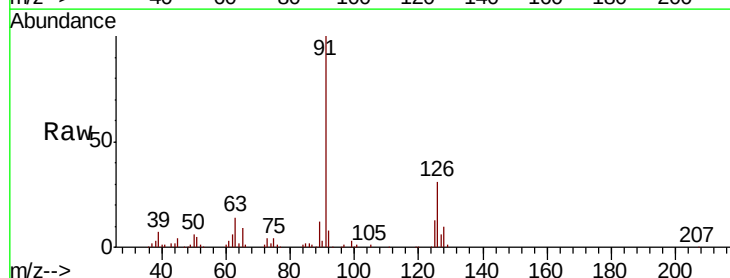
Acq: 20 Jul 2020 10:24

Tgt Ion: 91 Resp: 161713

Ion Ratio Lower Upper

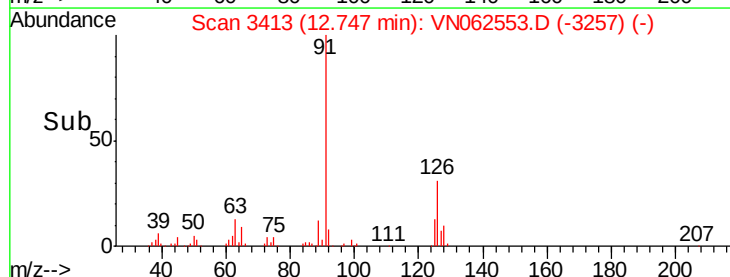
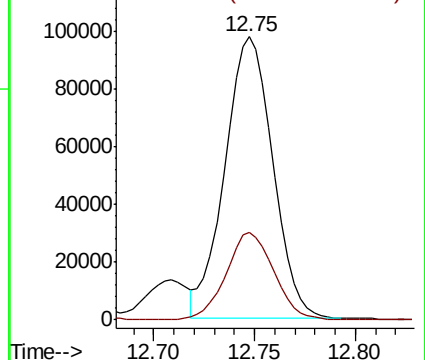
91 100

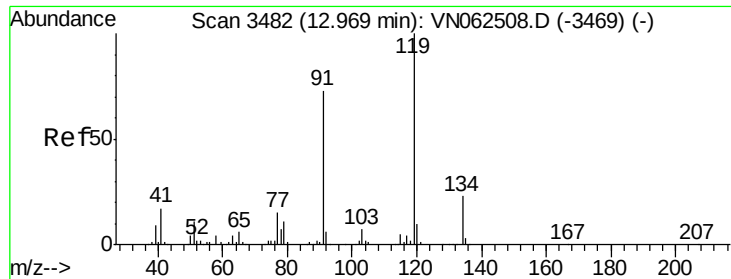
126 31.2 0.0 62.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 126.00 (125.70 to 126.70): V

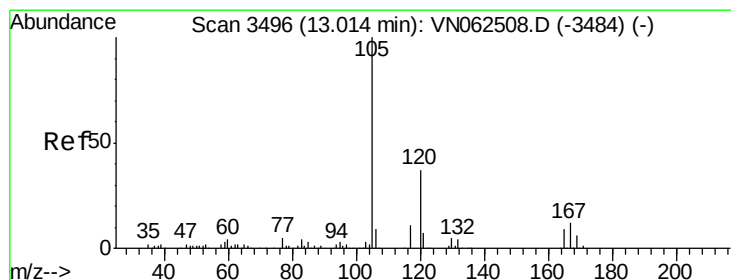
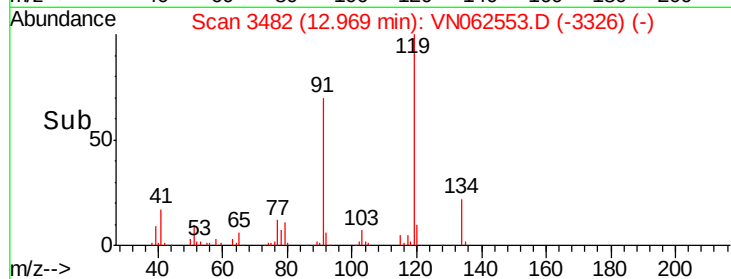
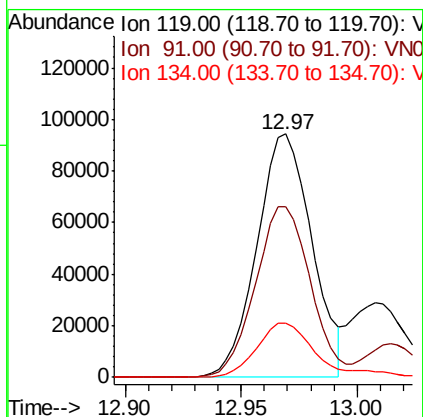
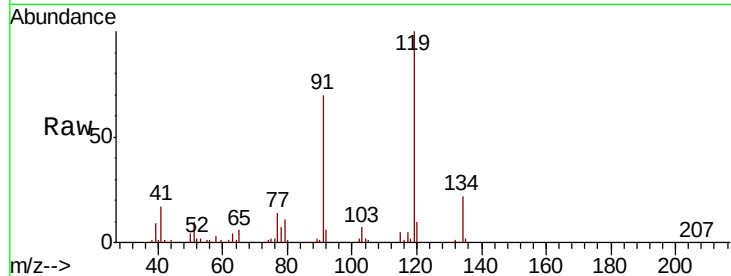




#79
 tert-butylbenzene
 Concen: 18.974 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. 0.00 min
 Lab File: VN062553.D
 Acq: 20 Jul 2020 10:24

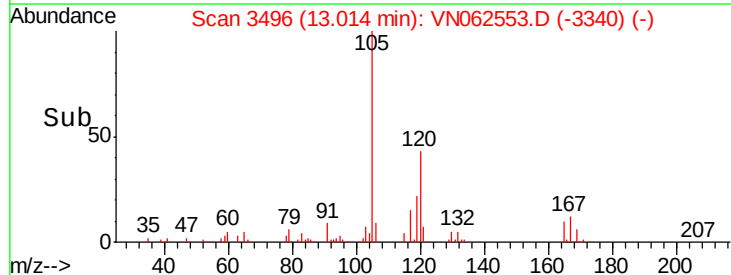
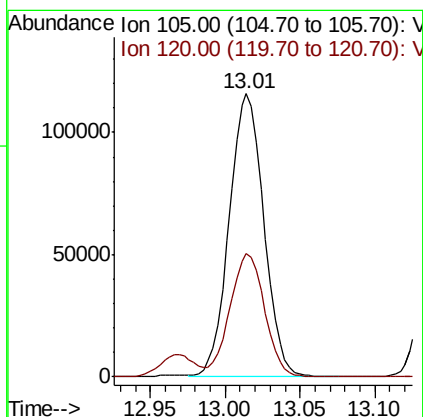
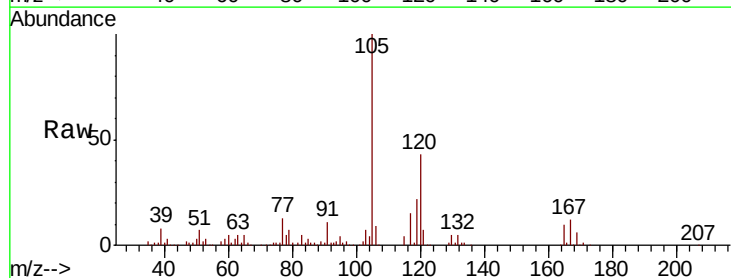
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

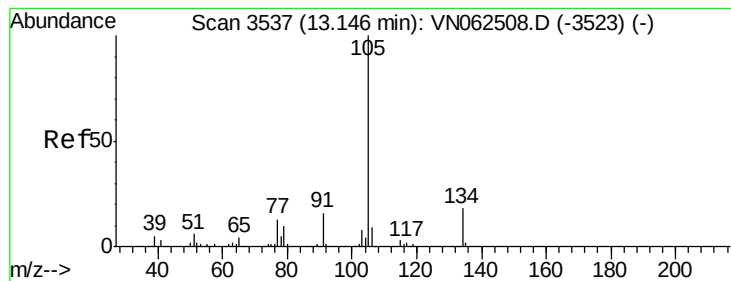
Tot Ion:119 Resp: 155721
 Ion Ratio Lower Upper
 119 100
 91 70.0 0.0 139.8
 134 24.3 0.0 45.0



#80
 1,2,4-Trimethylbenzene
 Concen: 19.182 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. 0.00 min
 Lab File: VN062553.D
 Acq: 20 Jul 2020 10:24

Tgt Ion:105 Resp: 186991
 Ion Ratio Lower Upper
 105 100
 120 43.7 0.0 86.6





#81

sec-Butylbenzene

Concen: 19.018 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. 0.00 min

Lab File: VN062553.D

Acq: 20 Jul 2020 10:24

Instrument :

MSVOA_N

ClientSampled :

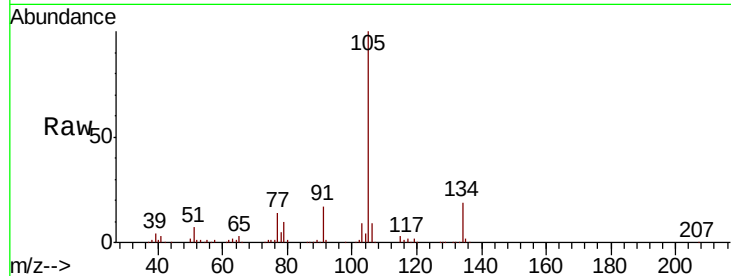
VSTDCCC020

Tot Ion:105 Resp: 209616

Ion Ratio Lower Upper

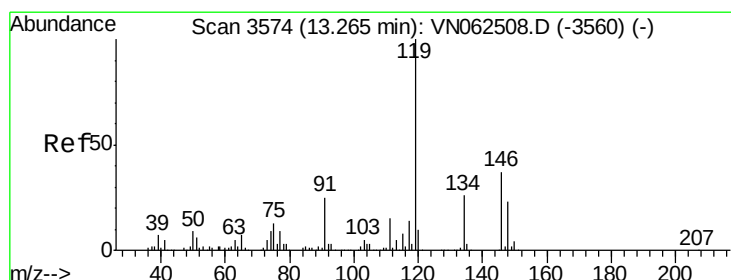
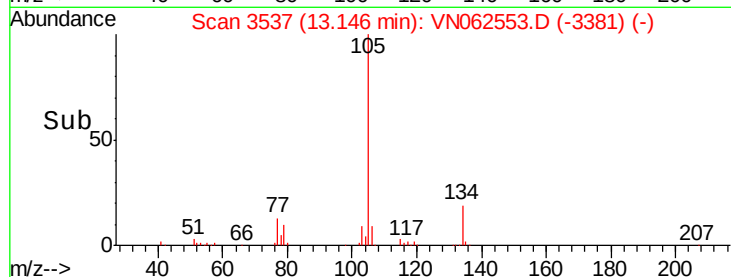
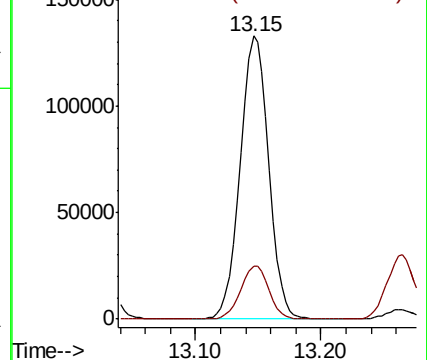
105 100

134 18.6 0.0 37.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 18.952 ug/l

RT: 13.27 min Scan# 3574

Delta R.T. 0.00 min

Lab File: VN062553.D

Acq: 20 Jul 2020 10:24

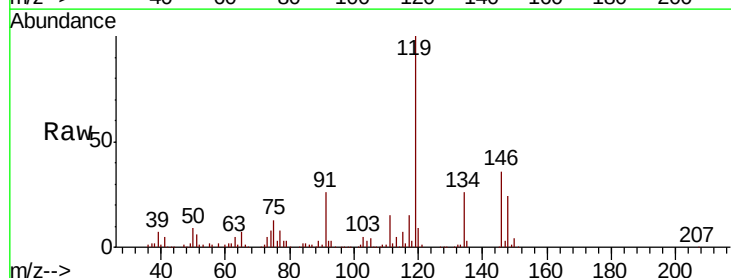
Tgt Ion:119 Resp: 184334

Ion Ratio Lower Upper

119 100

134 25.7 0.0 50.8

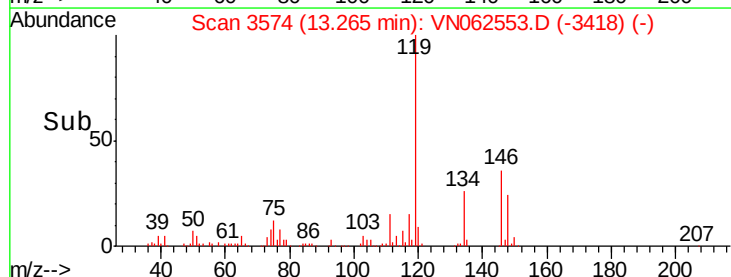
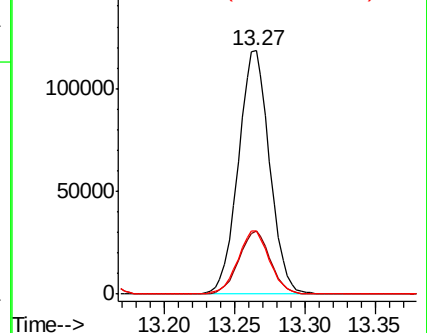
91 26.3 0.0 51.2

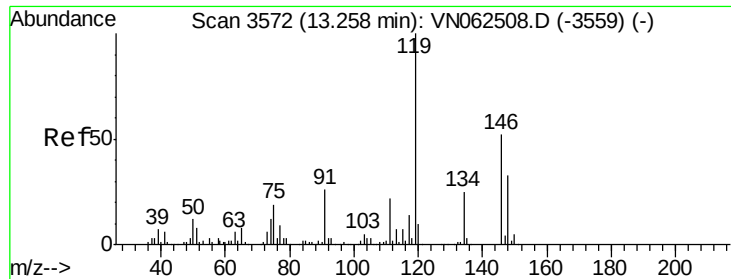


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

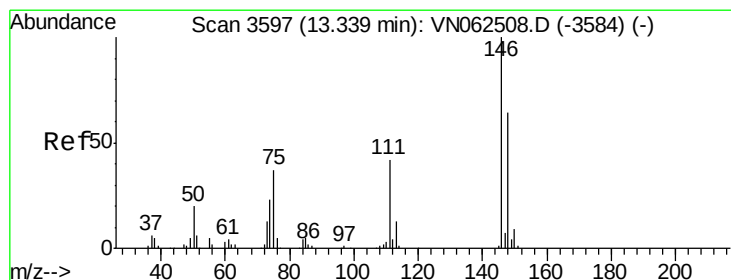
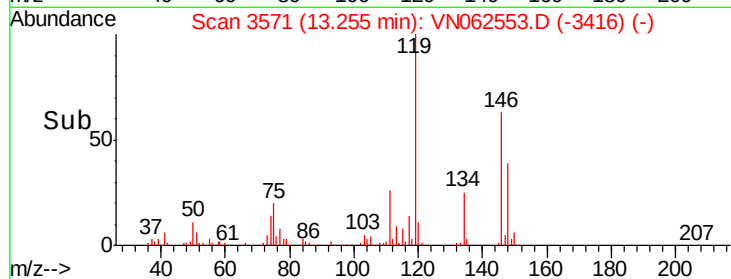
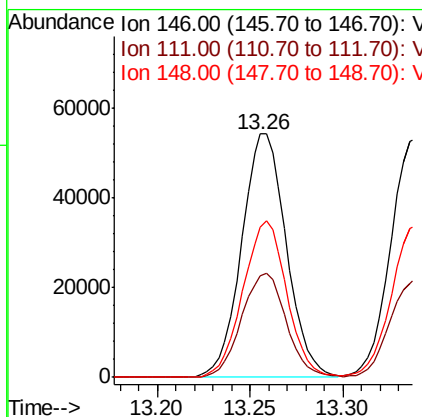
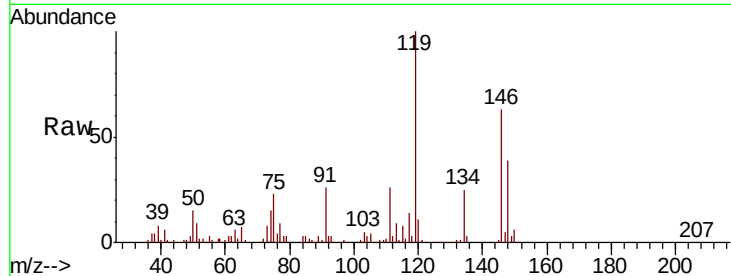




#83
 1,3-Dichlorobenzene
 Concen: 19.459 ug/l
 RT: 13.26 min Scan# 3571
 Delta R.T. -0.00 min
 Lab File: VN062553.D
 Acq: 20 Jul 2020 10:24

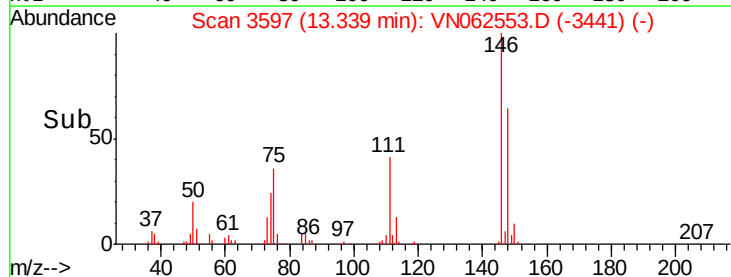
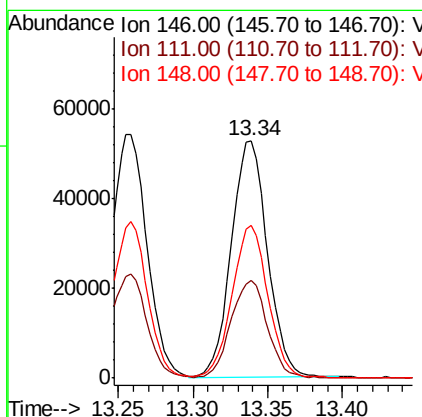
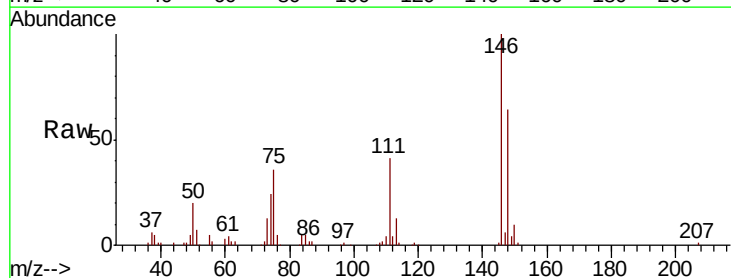
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

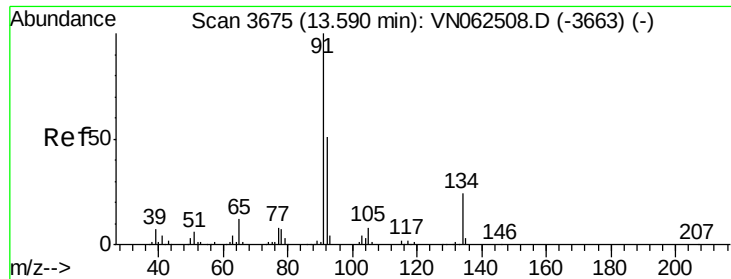
Tot Ion:146 Resp: 91040
 Ion Ratio Lower Upper
 146 100
 111 42.6 21.0 63.0
 148 63.0 31.7 95.1



#84
 1,4-Dichlorobenzene
 Concen: 19.183 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN062553.D
 Acq: 20 Jul 2020 10:24

Tgt Ion:146 Resp: 88562
 Ion Ratio Lower Upper
 146 100
 111 41.0 21.4 64.2
 148 64.3 32.4 97.2





#85

n-Butylbenzene

Concen: 17.838 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. 0.00 min

Lab File: VN062553.D

Acq: 20 Jul 2020 10:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

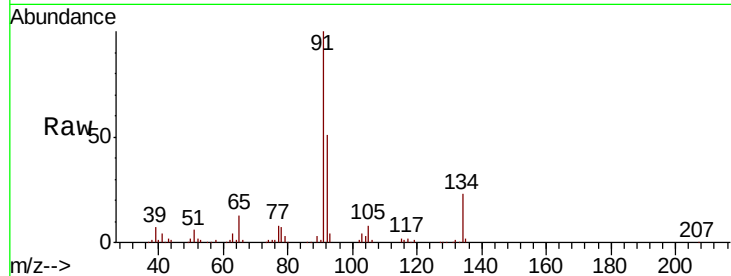
Tot Ion: 91 Resp: 148832

Ion Ratio Lower Upper

91 100

92 50.8 0.0 102.4

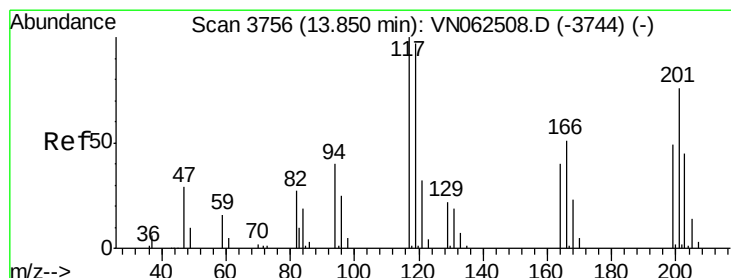
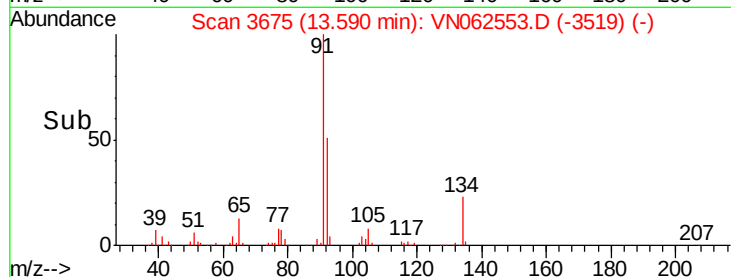
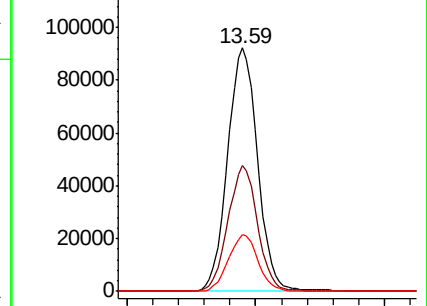
134 22.9 0.0 46.6



Abundance Ion 91.00 (90.70 to 91.70): VN062508.D (-3663) (-)

Ion 92.00 (91.70 to 92.70): VN062508.D (-3663) (-)

Ion 134.00 (133.70 to 134.70): VN062508.D (-3663) (-)



#86

Hexachloroethane

Concen: 19.551 ug/l

RT: 13.85 min Scan# 3755

Delta R.T. -0.00 min

Lab File: VN062553.D

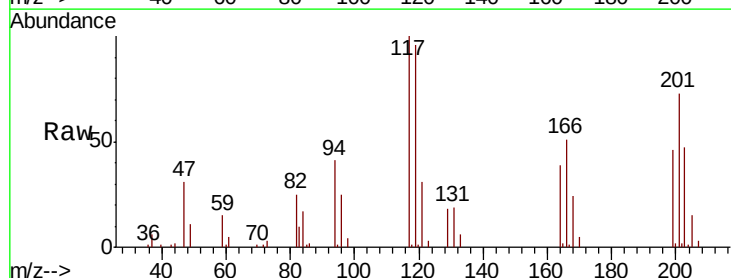
Acq: 20 Jul 2020 10:24

Tgt Ion: 117 Resp: 36695

Ion Ratio Lower Upper

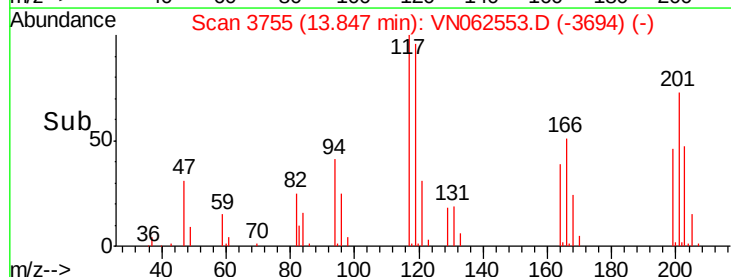
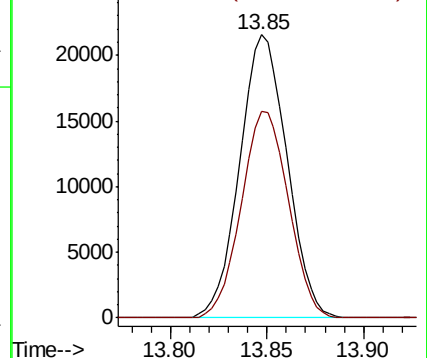
117 100

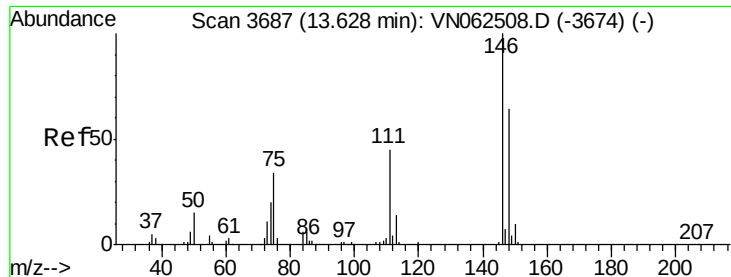
201 72.7 37.4 112.2



Abundance Ion 117.00 (116.70 to 117.70): VN062508.D (-3744) (-)

Ion 201.00 (200.70 to 201.70): VN062508.D (-3744) (-)

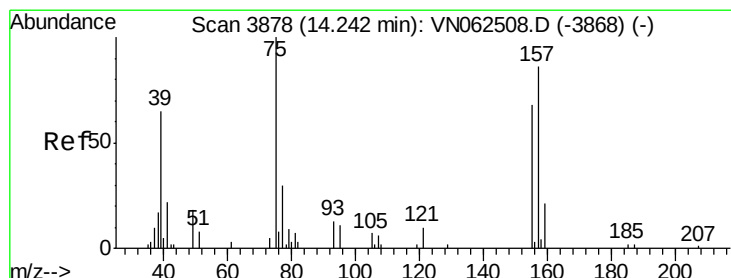
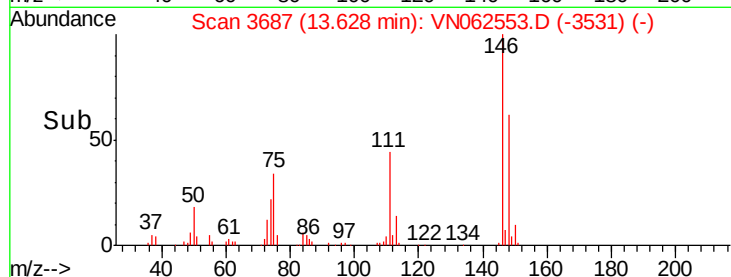
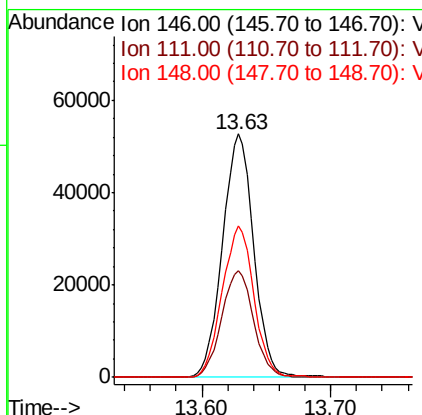
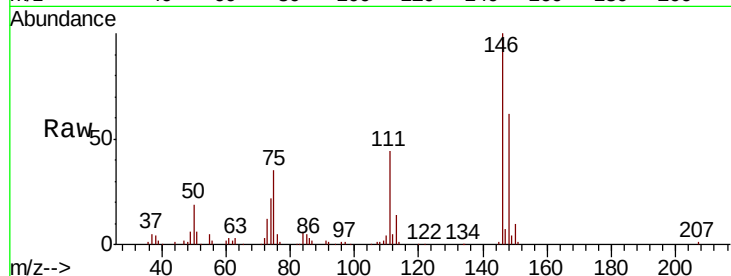




#87
 1,2-Dichlorobenzene
 Concen: 19.661 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN062553.D
 Acq: 20 Jul 2020 10:24

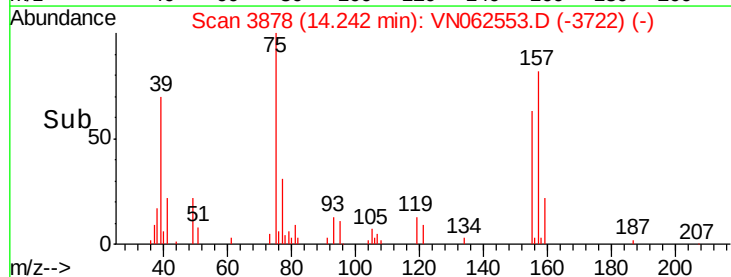
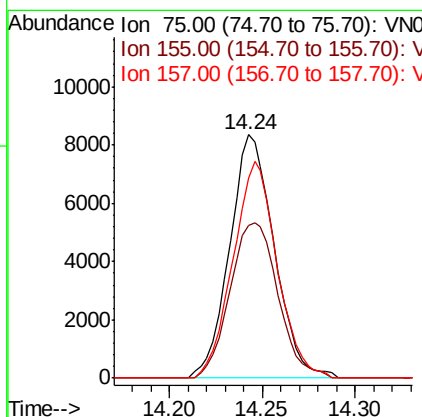
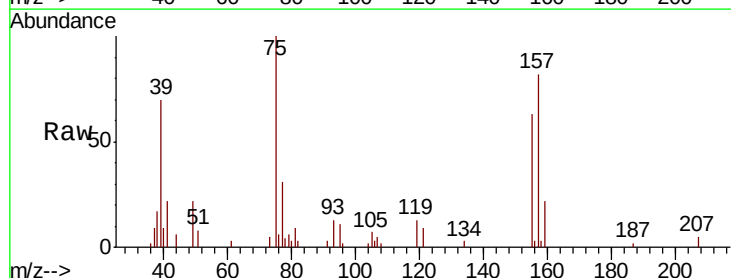
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

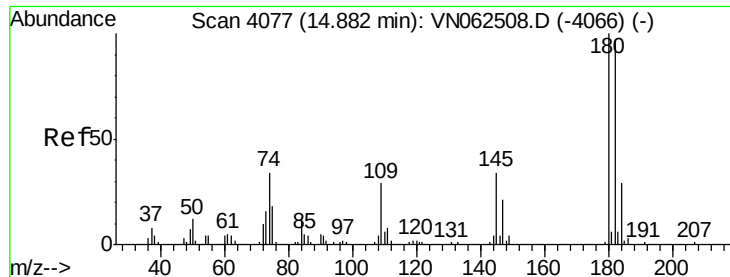
Tot Ion:146 Resp: 88455
 Ion Ratio Lower Upper
 146 100
 111 44.6 22.4 67.0
 148 62.9 32.1 96.3



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.645 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. 0.00 min
 Lab File: VN062553.D
 Acq: 20 Jul 2020 10:24

Tgt Ion: 75 Resp: 13948
 Ion Ratio Lower Upper
 75 100
 155 68.6 55.7 83.5
 157 87.7 71.0 106.6

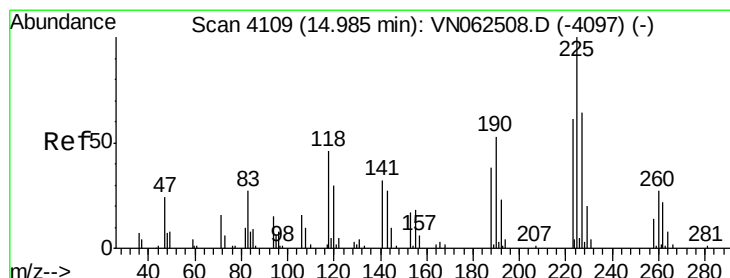
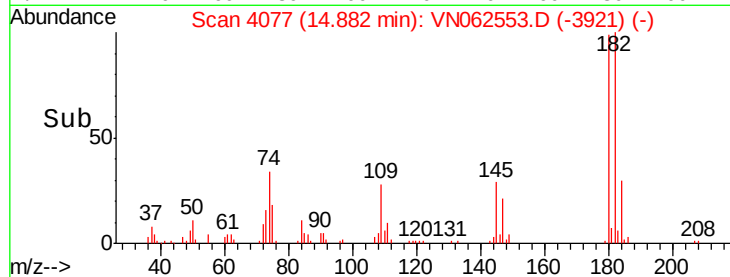
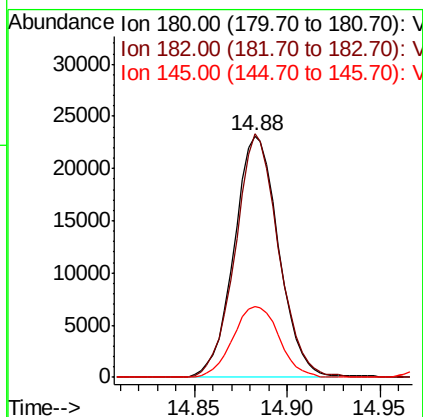
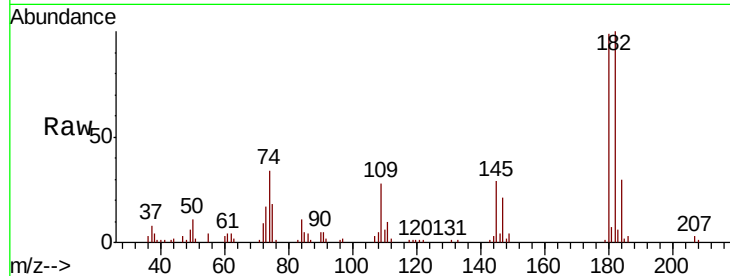




#89
 1,2,4-Trichlorobenzene
 Concen: 17.202 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062553.D
 Acq: 20 Jul 2020 10:24

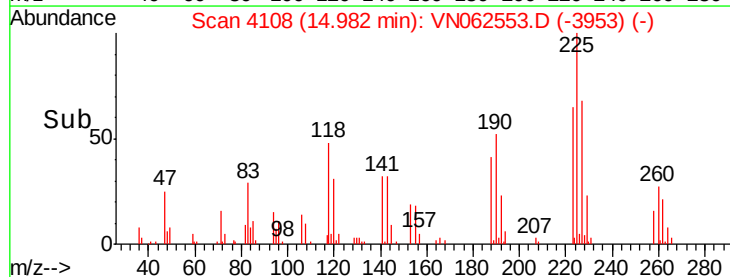
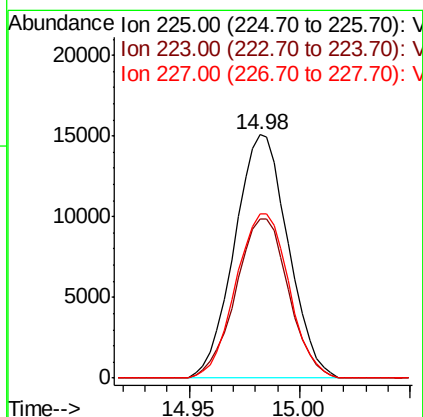
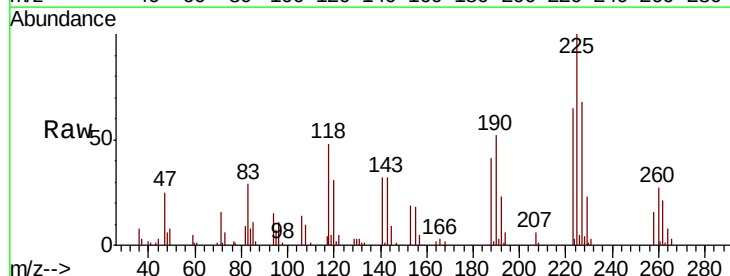
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

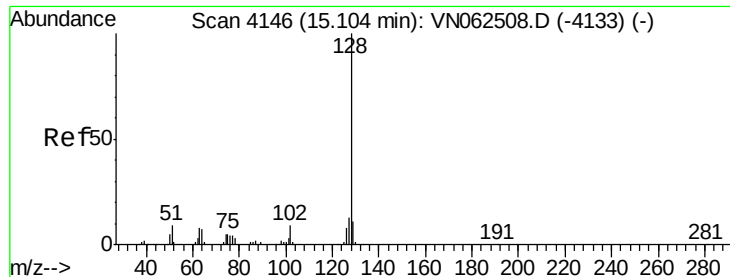
Tot Ion	Ratio	Lower	Upper
180	100		
182	97.7	77.5	116.3
145	30.5	26.1	39.1



#90
 Hexachlorobutadiene
 Concen: 20.452 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN062553.D
 Acq: 20 Jul 2020 10:24

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.4	0.0	120.4
227	67.2	0.0	129.6

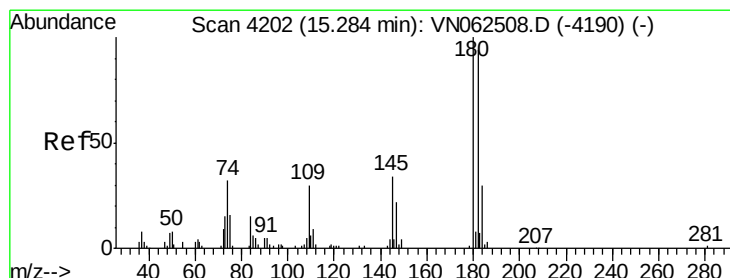
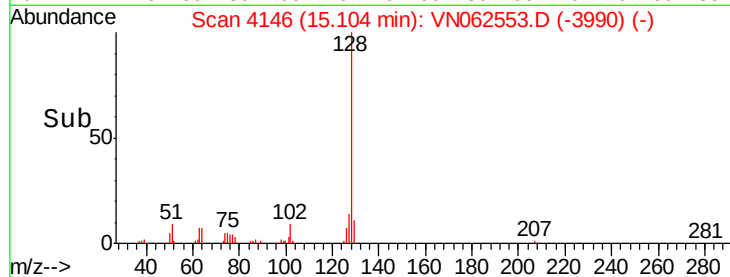
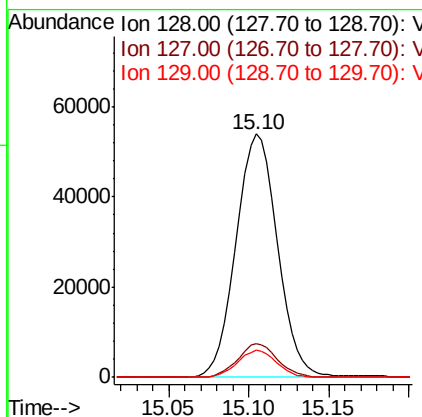
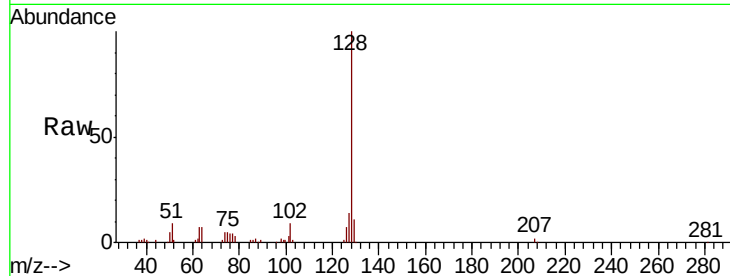




#91
Naphthalene
Concen: 15.746 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN062553.D
Acq: 20 Jul 2020 10:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion:128 Resp: 95617
Ion Ratio Lower Upper
128 100
127 13.2 10.0 15.0
129 10.4 8.8 13.2



#92
1,2,3-Trichlorobenzene
Concen: 17.960 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. 0.00 min
Lab File: VN062553.D
Acq: 20 Jul 2020 10:24

Tgt Ion:180 Resp: 40542
Ion Ratio Lower Upper
180 100
182 95.7 0.0 187.2
145 34.1 0.0 67.8

