

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111020\
 Data File : VN064518.D
 Acq On : 10 Nov 2020 11:40
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Quant Time: Nov 11 01:41:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N110920W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Nov 09 13:16:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	61772	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	329035	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	307693	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.99	65	169032	30.91	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	103.03%
60) 4-Bromofluorobenzene	12.38	95	158055	29.99	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	99.97%
63) Toluene-d8	10.06	98	432891	30.17	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.57%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.84	85	92699	22.407 ug/l	95
3) Chloromethane	2.04	50	106816	22.627 ug/l	100
4) Vinyl Chloride	2.17	62	113221	22.135 ug/l	95
5) Bromomethane	2.54	94	70461	21.048 ug/l	100
6) Chloroethane	2.68	64	68552	21.462 ug/l	98
7) Trichlorofluoromethane	2.99	101	166288	22.451 ug/l	98
8) Diethyl Ether	3.37	74	58338	22.054 ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.71	101	74802	21.458 ug/l #	48
10) 1,1-Dichloroethene	3.69	96	68823	20.638 ug/l	98
11) Methyl Iodide	3.91	142	85749	20.857 ug/l	95
12) Methyl Acetate	4.28	43	86908	21.376 ug/l	93
13) Acrolein	3.57	56	47783	116.217 ug/l	99
14) Acrylonitrile	4.94	53	193881	107.220 ug/l	99
15) Acetone	3.78	58	65695	110.086 ug/l	95
16) Carbon Disulfide	4.00	76	205630	20.319 ug/l	100
17) Allyl chloride	4.27	41	128543	20.516 ug/l	99
18) Methylene Chloride	4.50	84	84510	21.342 ug/l	96
19) trans-1,2-Dichloroethene	4.99	96	77716	20.563 ug/l	97
20) Diisopropyl ether	5.90	45	282261	20.690 ug/l	97
21) 1,1-Dichloroethane	5.79	63	159501	21.261 ug/l	98
22) cis-1,2-Dichloroethene	6.78	96	88683	20.704 ug/l	96
23) tert-Butyl Alcohol	4.75	59	67482	108.989 ug/l #	100
24) Methyl tert-Butyl Ether	5.00	73	242078	20.524 ug/l #	70
25) Chloroform	7.33	83	168186	21.334 ug/l	94
26) Cyclohexane	7.61	56	117783	20.336 ug/l #	99
29) 1,1-Dichloropropene	7.75	75	120905	21.174 ug/l	98
30) 2-Butanone	6.79	43	298004	105.429 ug/l #	76
31) 2,2-Dichloropropane	6.78	77	142658	21.033 ug/l	100
32) 1,1,1-Trichloroethane	7.52	97	152700	21.802 ug/l	97
33) Carbon Tetrachloride	7.73	117	131932	21.093 ug/l	99
34) Benzene	8.00	78	343136	20.754 ug/l	99
35) Methacrylonitrile	7.13	41	54374	20.563 ug/l	96
36) 1,2-Dichloroethane	8.08	62	144311	21.269 ug/l	98
37) Trichloroethene	8.80	130	85617	20.481 ug/l	95
38) Methylcyclohexane	9.05	83	100682	19.494 ug/l	99
39) 1,2-Dichloropropane	9.08	63	91491	20.595 ug/l	97
40) Dibromomethane	9.17	93	65259	21.775 ug/l	98

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N110920W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Nov 09 13:16:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.37	83	135817	20.910	ug/l	96
42) Vinyl Acetate	5.85	43	1165581	103.005	ug/l	100
43) Ethyl Acetate	6.88	43	119427	21.714	ug/l	98
44) Isopropyl Acetate	8.13	43	195970	20.641	ug/l	96
45) 1,4-Dioxane	9.17	88	27078	406.853	ug/l	98
46) Methyl methacrylate	9.17	41	96474	20.432	ug/l	95
47) n-amyl Acetate	12.05	43	163161	19.866	ug/l	100
48) t-1,3-Dichloropropene	10.35	75	140070	20.349	ug/l	97
49) cis-1,3-Dichloropropene	9.81	75	147568	20.403	ug/l	97
50) 1,1,2-Trichloroethane	10.53	97	85608	20.835	ug/l	99
51) Ethyl methacrylate	10.40	69	117836	20.013	ug/l	98
52) 1,3-Dichloropropane	10.68	76	147494	20.895	ug/l	100
53) Dibromochloromethane	10.87	129	96380	20.482	ug/l	98
54) 1,2-Dibromoethane	10.98	107	89653	21.332	ug/l	97
55) 2-Chloroethyl vinyl ether	9.66	63	272994	88.598	ug/l	99
56) Bromoform	12.10	173	62409	20.210	ug/l	97
58) 4-Methyl-2-Pentanone	9.95	43	609815	107.923	ug/l	99
59) 2-Hexanone	10.72	43	460094	108.109	ug/l	99
61) Tetrachloroethene	10.60	164	82839	21.539	ug/l	97
62) Toluene	10.12	91	377278	20.879	ug/l	100
64) Chlorobenzene	11.41	112	222901	20.752	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.48	131	88575	21.095	ug/l	98
66) Ethyl Benzene	11.48	91	398637	20.441	ug/l	100
67) m/p-Xylenes	11.60	106	293644	40.796	ug/l	99
68) o-Xylene	11.92	106	137326	20.161	ug/l	95
69) Styrene	11.94	104	232597	19.939	ug/l	99
70) Isopropylbenzene	12.22	105	363103	20.366	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.48	83	122316	21.423	ug/l	99
72) 1,2,3-Trichloropropane	12.53	75	167071	29.340	ug/l	58
73) Bromobenzene	12.50	156	88500	20.066	ug/l	99
74) n-propylbenzene	12.57	91	432342	20.616	ug/l	99
75) 2-Chlorotoluene	12.65	91	268847	20.389	ug/l	99
76) 1,3,5-Trimethylbenzene	12.71	105	309348	20.554	ug/l	97
77) t-1,4-Dichloro-2-butene	12.27	75	41263	19.875	ug/l	91
78) 4-Chlorotoluene	12.75	91	280120	20.218	ug/l	99
79) tert-butylbenzene	12.97	119	240908	20.396	ug/l	97
80) 1,2,4-Trimethylbenzene	13.01	105	312697	20.617	ug/l	98
81) sec-Butylbenzene	13.15	105	316497	20.214	ug/l	100
82) p-Isopropyltoluene	13.26	119	278321	19.898	ug/l	99
83) 1,3-Dichlorobenzene	13.26	146	155600	20.055	ug/l	99
84) 1,4-Dichlorobenzene	13.34	146	150746	19.534	ug/l	97
85) n-Butylbenzene	13.59	91	238269	19.649	ug/l	98
86) Hexachloroethane	13.85	117	56915	20.420	ug/l	99
87) 1,2-Dichlorobenzene	13.63	146	156506	20.711	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	14.24	75	25994	21.073	ug/l	96
89) 1,2,4-Trichlorobenzene	14.88	180	63690	18.562	ug/l	94
90) Hexachlorobutadiene	14.98	225	35801	20.950	ug/l	97
91) Naphthalene	15.10	128	201497	17.752	ug/l	99
92) 1,2,3-Trichlorobenzene	15.29	180	66813	19.241	ug/l	98

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Instrument :
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ClientSampleId :
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N110920W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Nov 09 13:16:36 2020
Response via : Initial Calibration

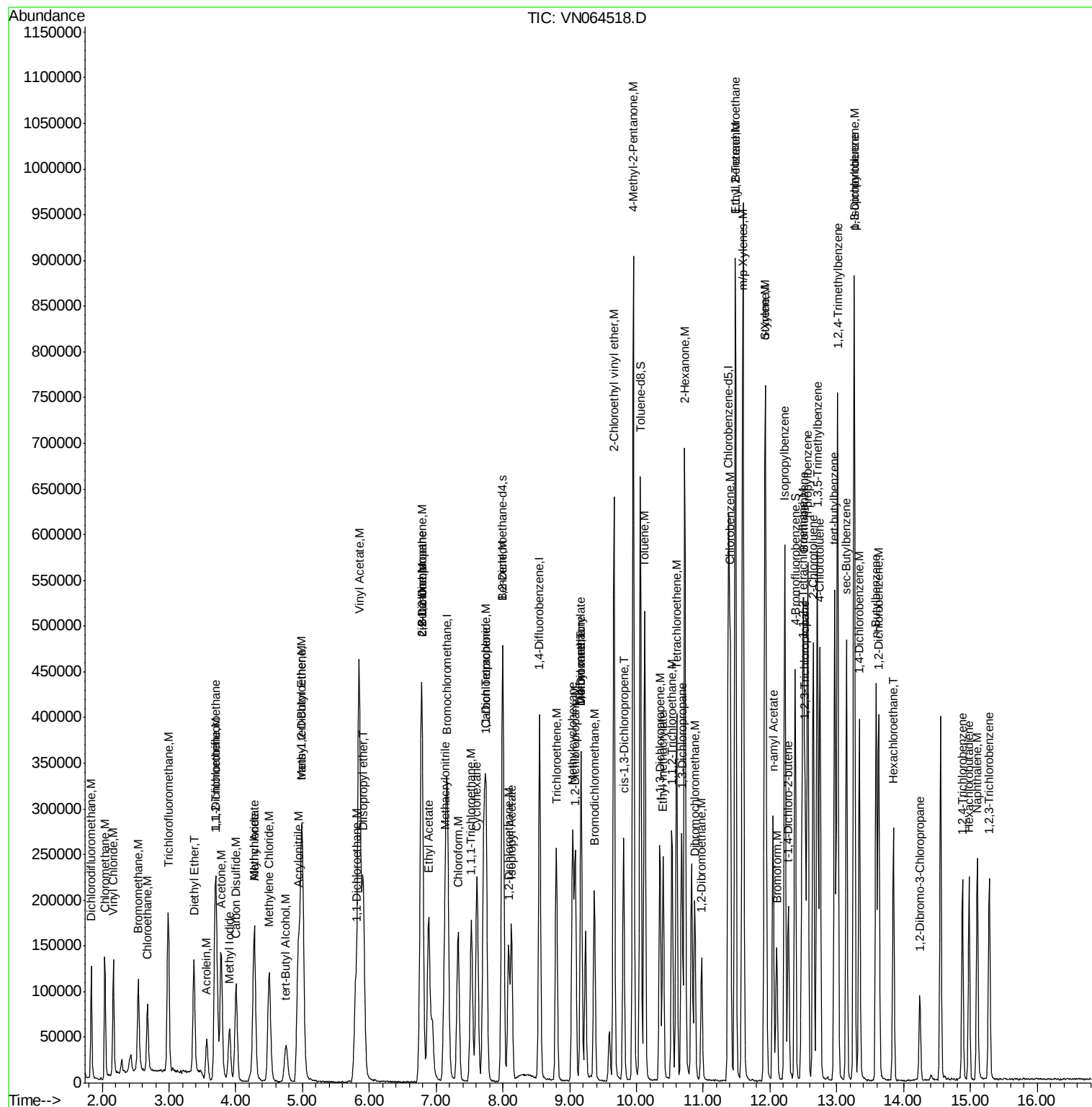
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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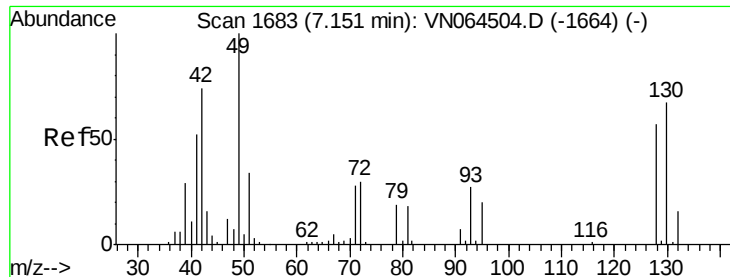
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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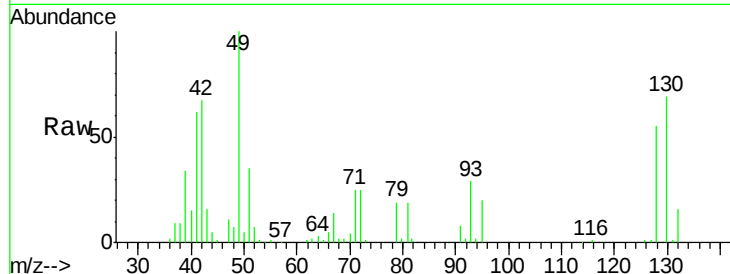




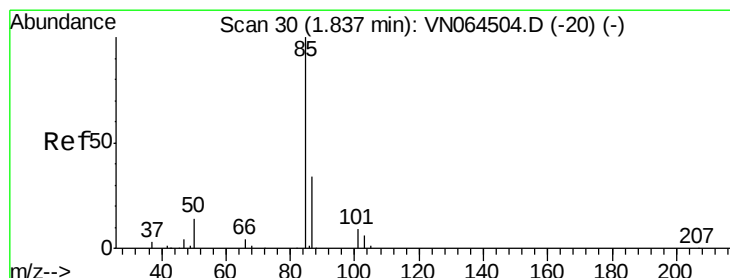
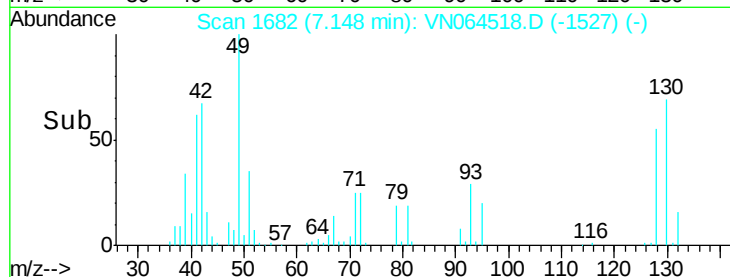
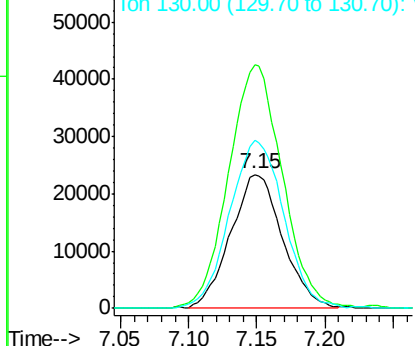
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.15 min Scan# 1682
Delta R.T. -0.00 min
Lab File: VN064518.D
Acq: 10 Nov 2020 11:40

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020

Tot Ion:128 Resp: 61772
Ion Ratio Lower Upper
128 100
49 188.4 0.0 475.5
130 131.1 0.0 315.3

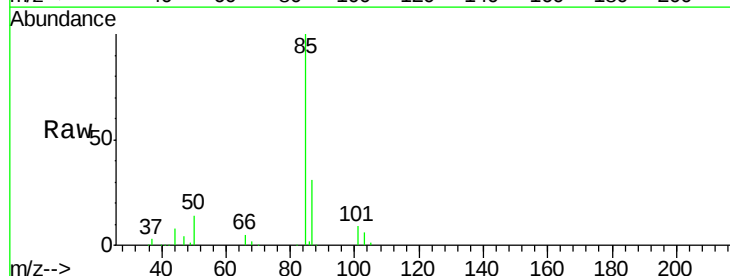


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): V
Ion 130.00 (129.70 to 130.70): V

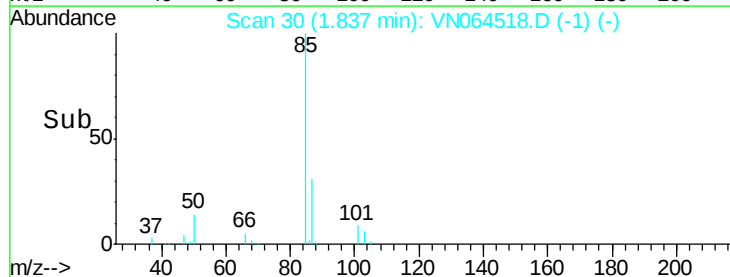
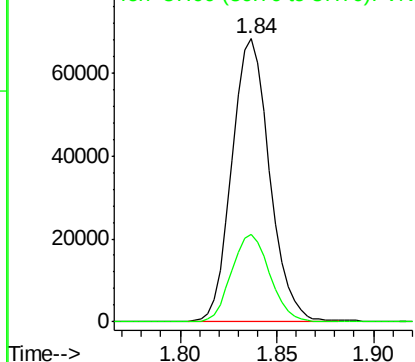


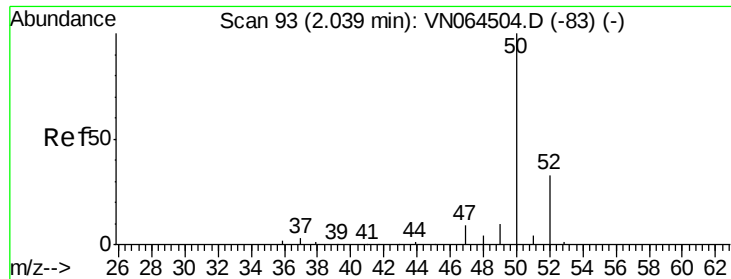
#2
Dichlorodifluoromethane
Concen: 22.407 ug/l
RT: 1.84 min Scan# 30
Delta R.T. 0.00 min
Lab File: VN064518.D
Acq: 10 Nov 2020 11:40

Tgt Ion: 85 Resp: 92699
Ion Ratio Lower Upper
85 100
87 30.8 17.0 50.9



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

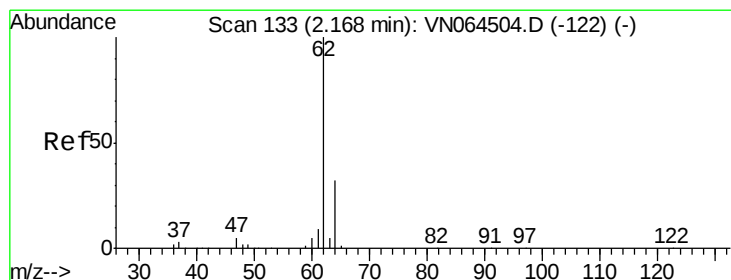
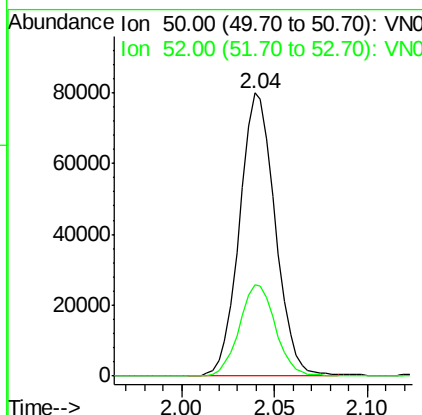
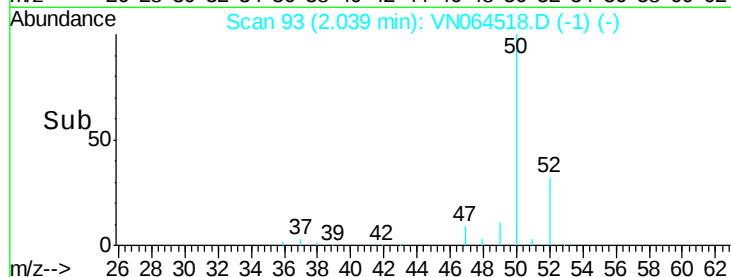
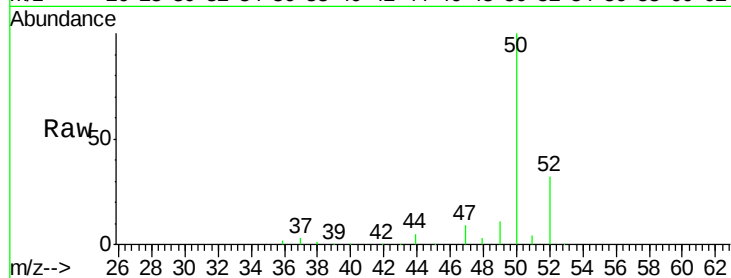




#3
Chloromethane
Concen: 22.627 ug/l
RT: 2.04 min Scan# 93
Delta R.T. 0.00 min
Lab File: VN064518.D
Acq: 10 Nov 2020 11:40

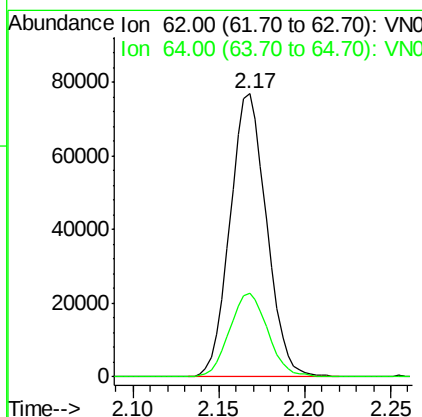
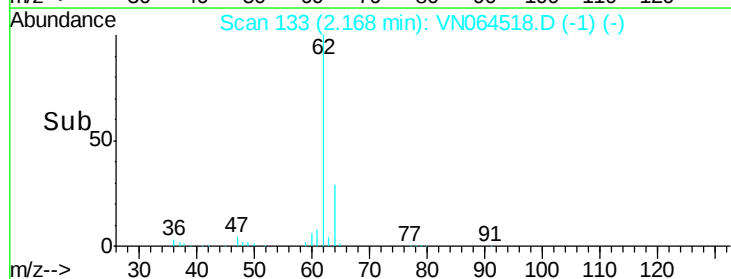
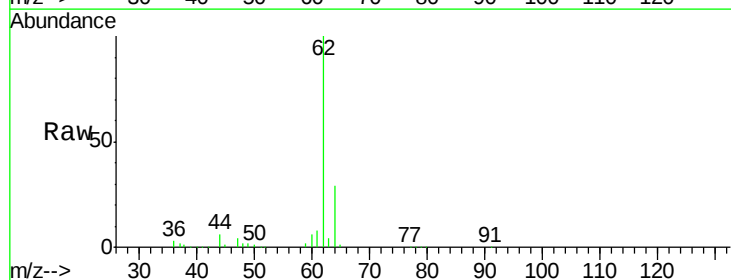
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

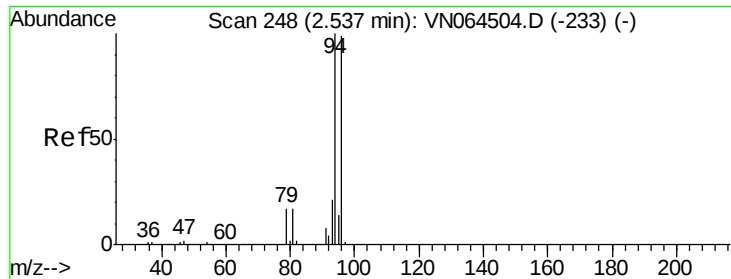
Tot Ion: 50 Resp: 106816
Ion Ratio Lower Upper
50 100
52 32.4 26.0 39.0



#4
Vinyl Chloride
Concen: 22.135 ug/l
RT: 2.17 min Scan# 133
Delta R.T. 0.00 min
Lab File: VN064518.D
Acq: 10 Nov 2020 11:40

Tgt Ion: 62 Resp: 113221
Ion Ratio Lower Upper
62 100
64 29.4 25.8 38.8





#5

Bromomethane

Concen: 21.048 ug/l

RT: 2.54 min Scan# 249

Delta R.T. 0.00 min

Lab File: VN064518.D

Acq: 10 Nov 2020 11:40

Instrument :

MSVOA_N

ClientSampleId :

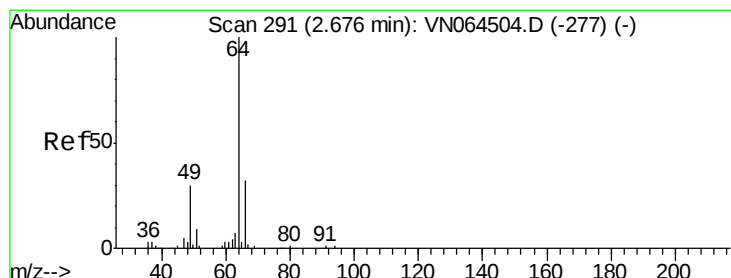
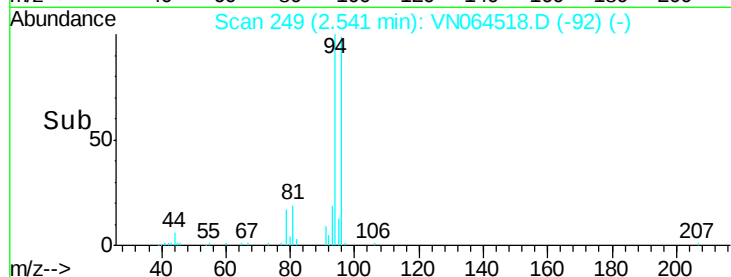
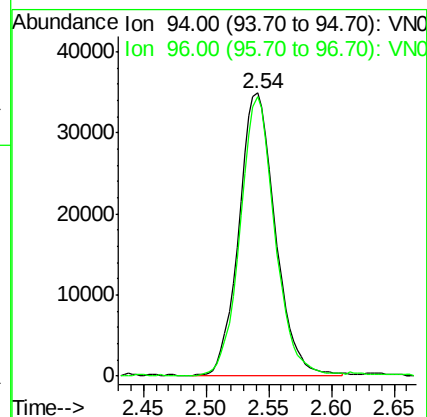
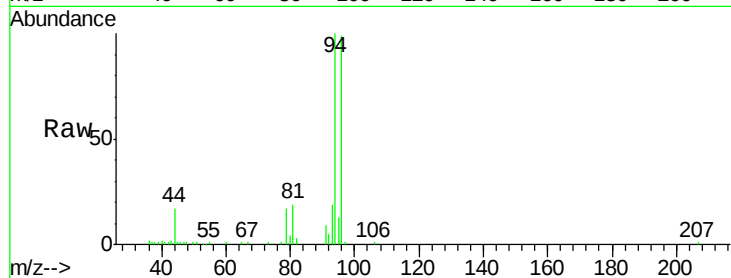
VSTDCCC020

Tot Ion: 94 Resp: 70461

Ion Ratio Lower Upper

94 100

96 99.0 79.3 118.9



#6

Chloroethane

Concen: 21.462 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN064518.D

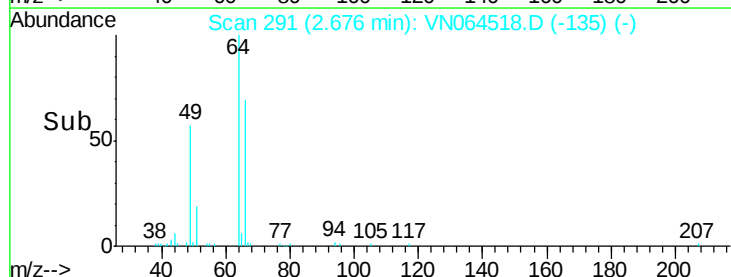
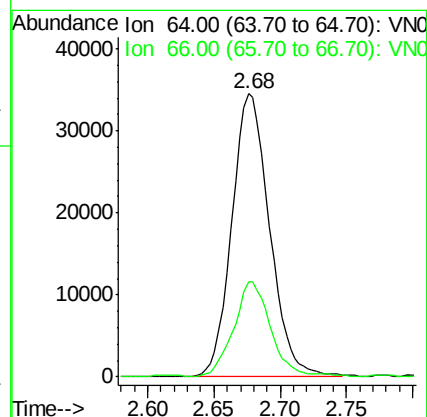
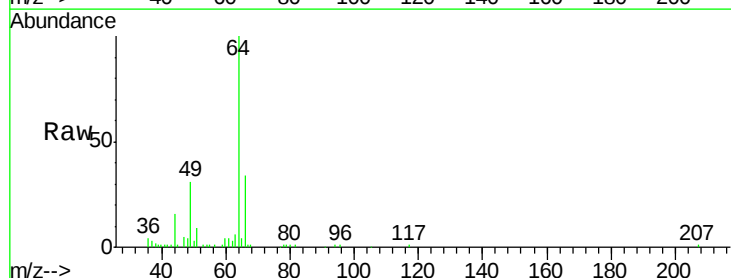
Acq: 10 Nov 2020 11:40

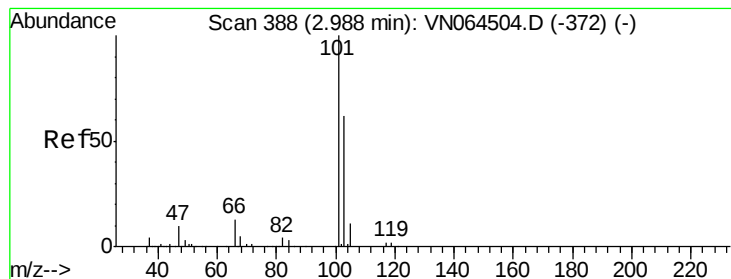
Tgt Ion: 64 Resp: 68552

Ion Ratio Lower Upper

64 100

66 33.8 26.0 39.0



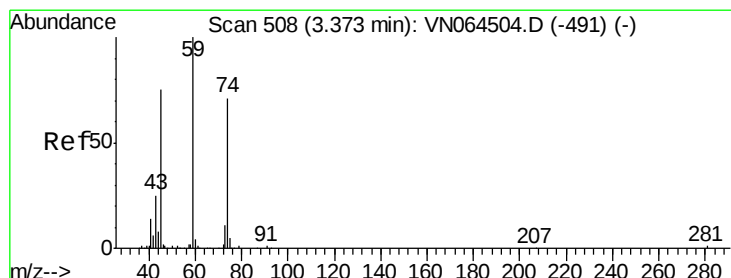
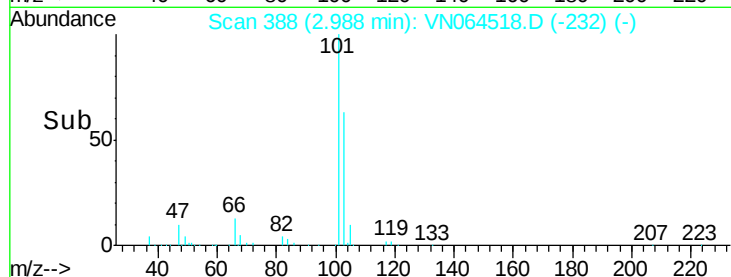
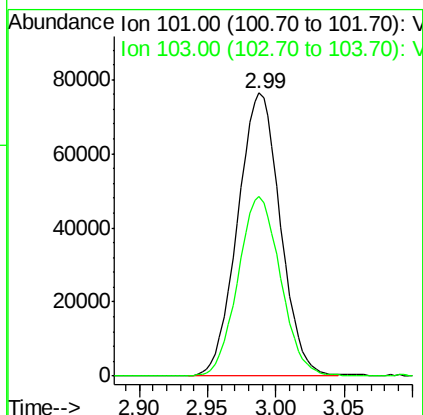
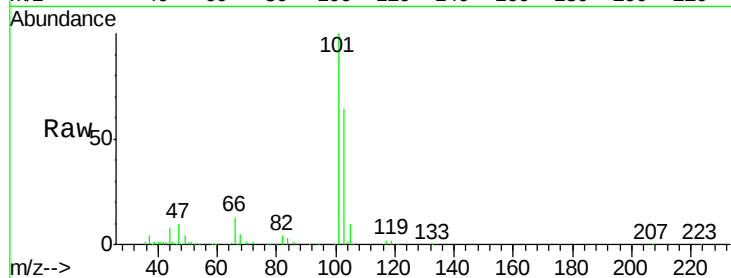


#7

Trichlorofluoromethane
 Concen: 22.451 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VN064518.D
 Acq: 10 Nov 2020 11:40

Instrument :
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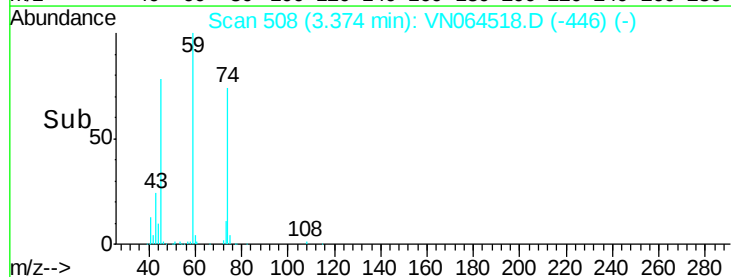
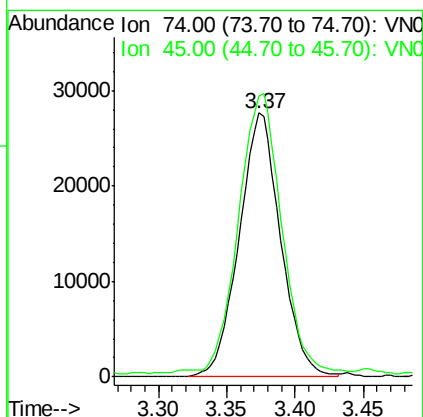
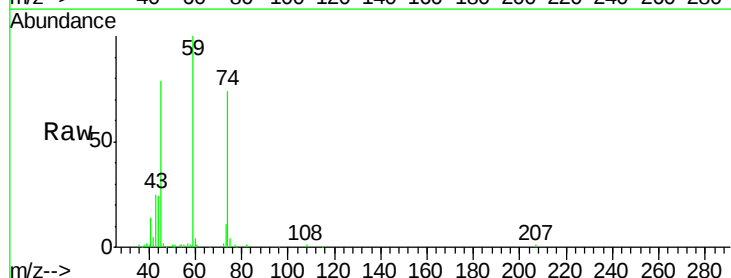
Tot Ion:101 Resp: 166288
 Ion Ratio Lower Upper
 101 100
 103 63.3 49.3 73.9

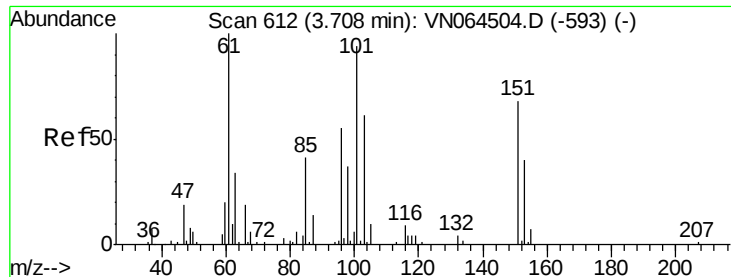


#8

Diethyl Ether
 Concen: 22.054 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: VN064518.D
 Acq: 10 Nov 2020 11:40

Tgt Ion: 74 Resp: 58338
 Ion Ratio Lower Upper
 74 100
 45 111.8 22.1 198.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.458 ug/l

RT: 3.71 min Scan# 613

Delta R.T. 0.00 min

Lab File: VN064518.D

Acq: 10 Nov 2020 11:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

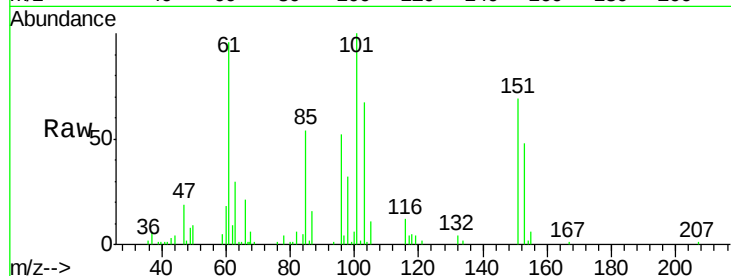
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Ion Ratio Lower Upper

101 100

85 49.6 0.0 49.0#

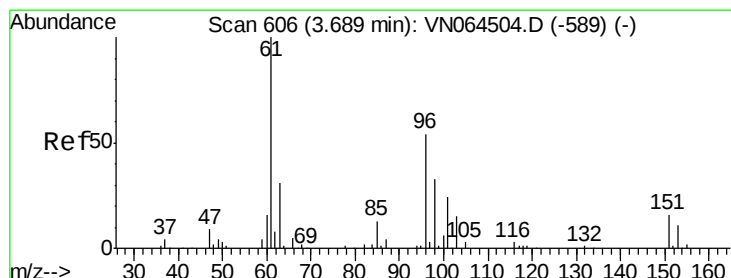
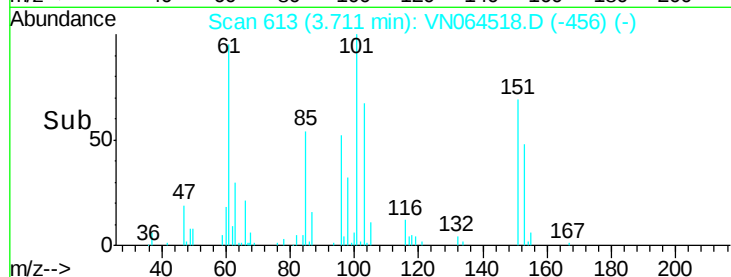
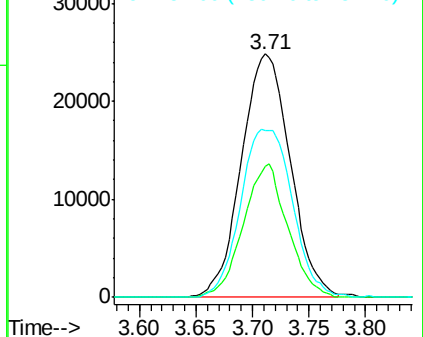
151 72.8 0.0 80.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VNO

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 20.638 ug/l

RT: 3.69 min Scan# 606

Delta R.T. 0.00 min

Lab File: VN064518.D

Acq: 10 Nov 2020 11:40

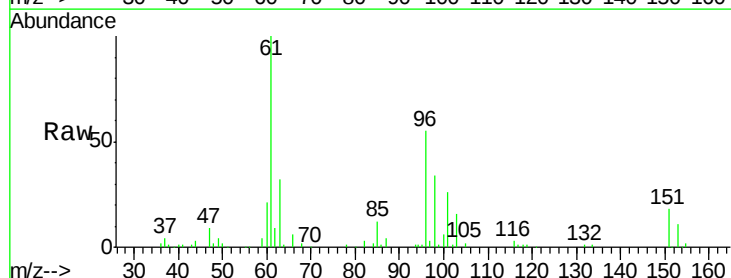
Tgt Ion: 96 Resp: 68823

Ion Ratio Lower Upper

96 100

61 182.1 149.2 223.8

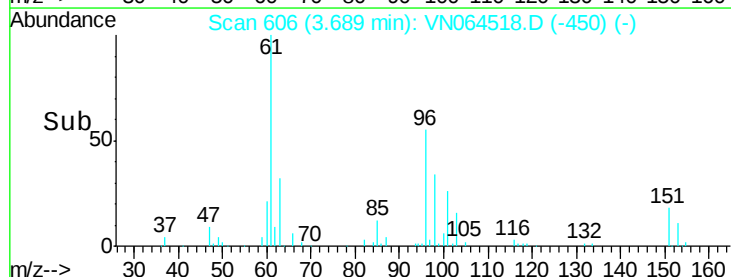
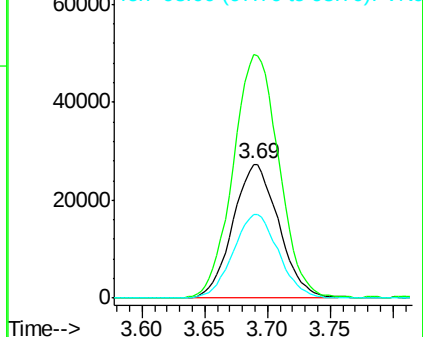
98 62.6 49.6 74.4

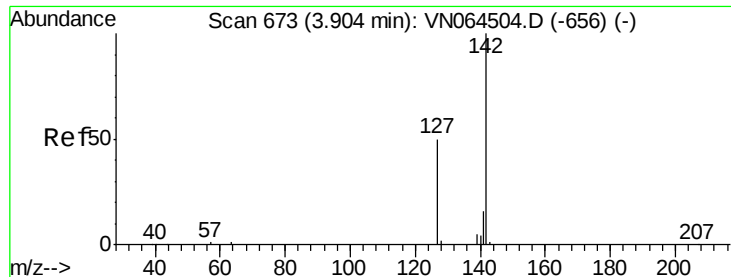


Abundance Ion 96.00 (95.70 to 96.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 98.00 (97.70 to 98.70): VNO

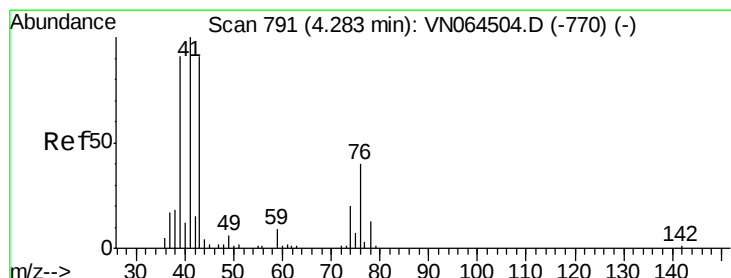
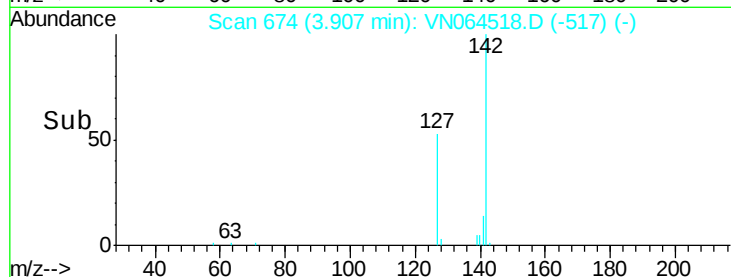
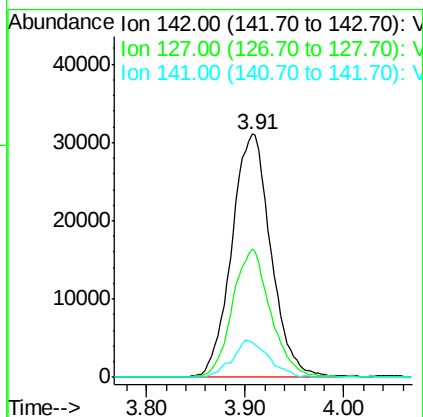
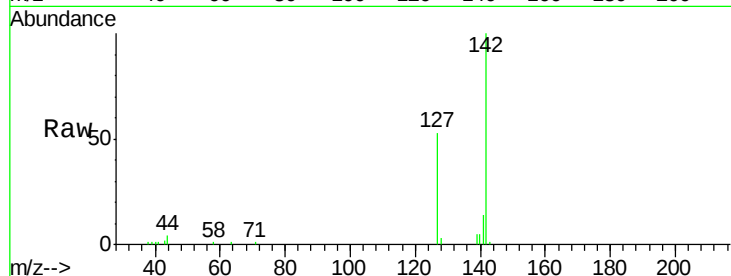




#11
Methvl Iodide
Concen: 20.857 ug/l
RT: 3.91 min Scan# 674
Delta R.T. 0.00 min
Lab File: VN064518.D
Acq: 10 Nov 2020 11:40

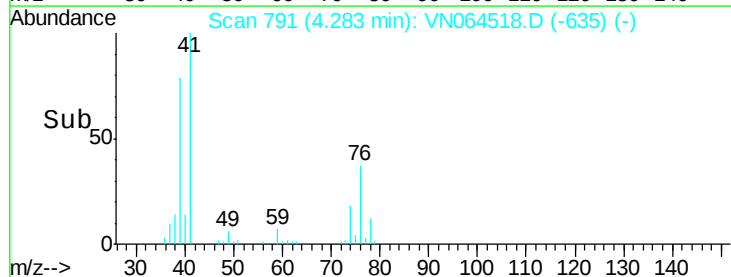
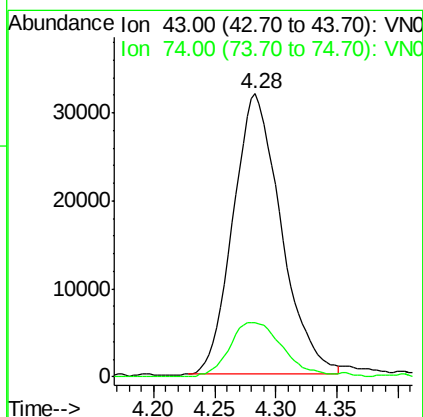
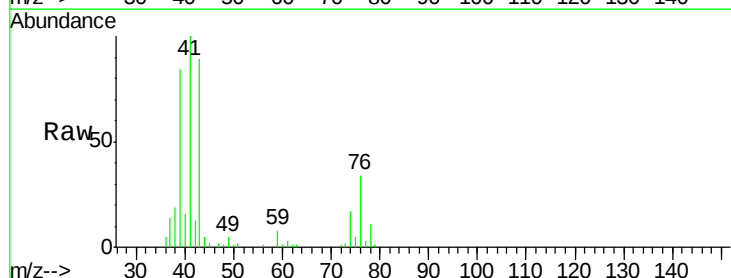
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

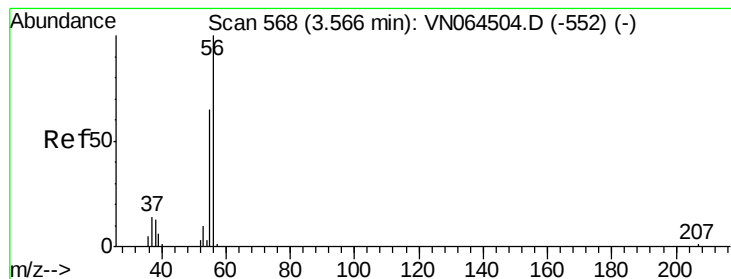
Tot Ion:142 Resp: 85749
Ion Ratio Lower Upper
142 100
127 53.0 24.7 74.1
141 14.2 7.8 23.3



#12
Methyl Acetate
Concen: 21.376 ug/l
RT: 4.28 min Scan# 791
Delta R.T. 0.00 min
Lab File: VN064518.D
Acq: 10 Nov 2020 11:40

Tgt Ion: 43 Resp: 86908
Ion Ratio Lower Upper
43 100
74 18.8 17.7 26.5





#13

Acrolein

Concen: 116.217 ug/l

RT: 3.57 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN064518.D

Acq: 10 Nov 2020 11:40

Instrument :

MSVOA_N

ClientSampleId :

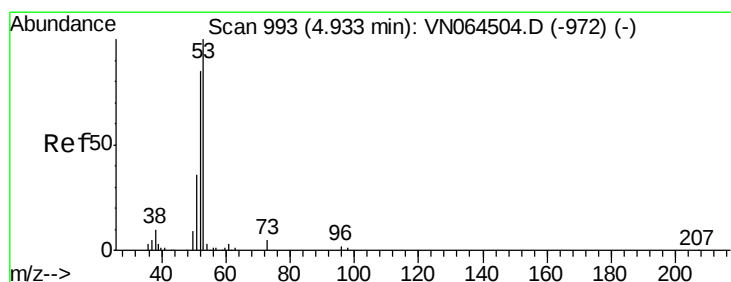
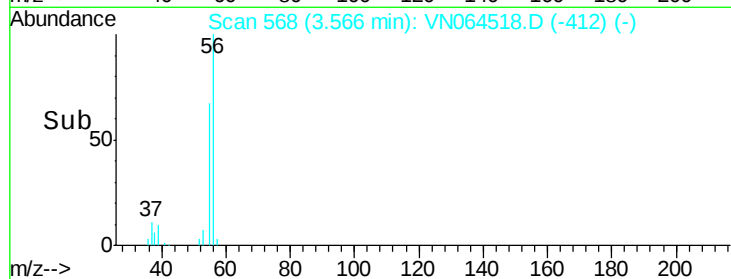
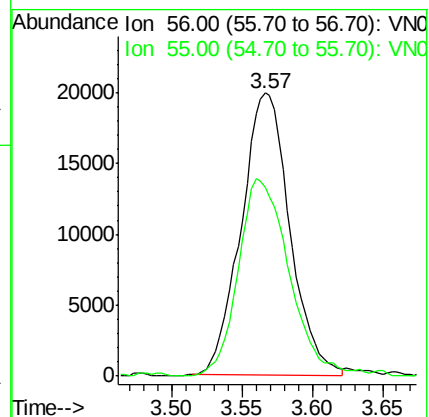
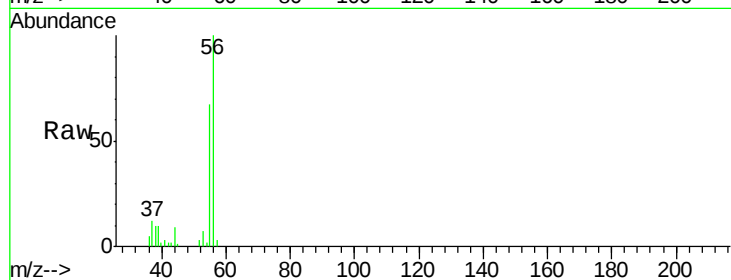
VSTDCCC020

Tot Ion: 56 Resp: 47783

Ion Ratio Lower Upper

56 100

55 71.6 58.2 87.2



#14

Acrylonitrile

Concen: 107.220 ug/l

RT: 4.94 min Scan# 994

Delta R.T. 0.00 min

Lab File: VN064518.D

Acq: 10 Nov 2020 11:40

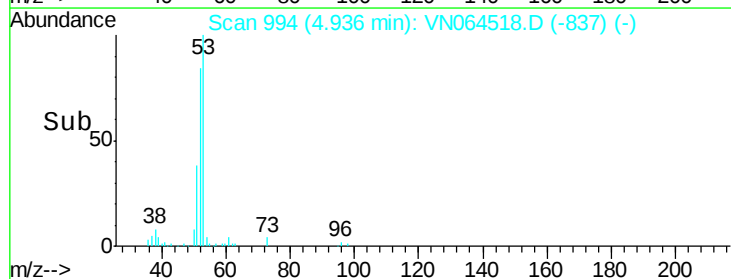
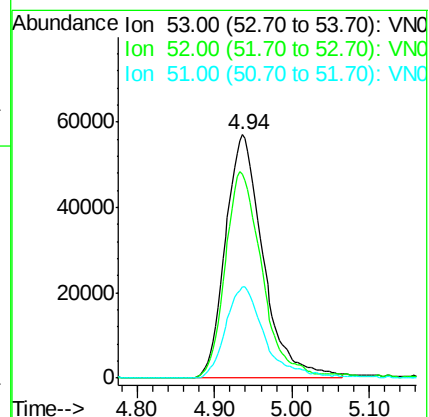
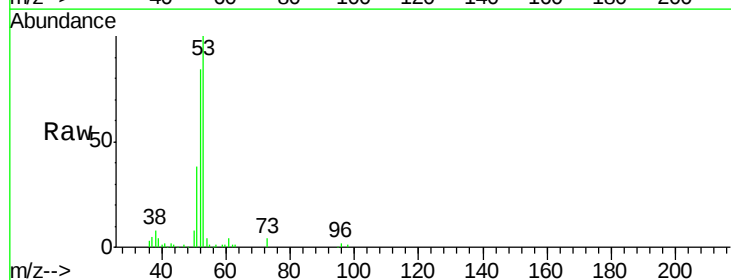
Tgt Ion: 53 Resp: 193881

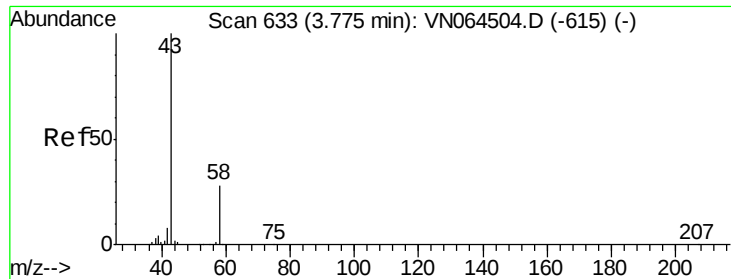
Ion Ratio Lower Upper

53 100

52 81.9 41.3 124.1

51 37.7 18.9 56.5





#15

Acetone

Concen: 110.086 ug/l

RT: 3.78 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN064518.D

Acq: 10 Nov 2020 11:40

Instrument :

MSVOA_N

ClientSampleId :

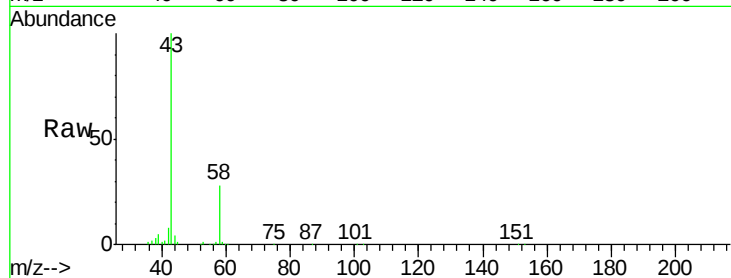
VSTDCCC020

Tot Ion: 58 Resp: 65695

Ion Ratio Lower Upper

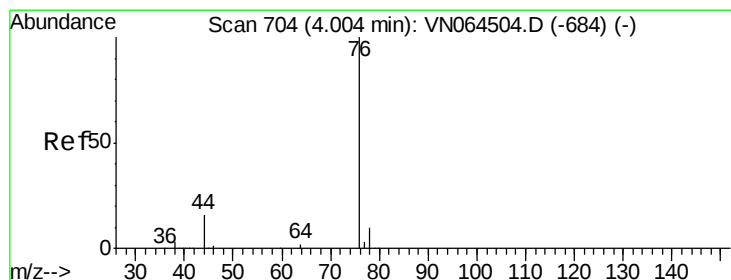
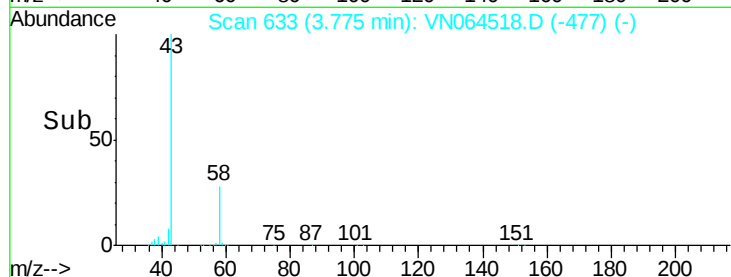
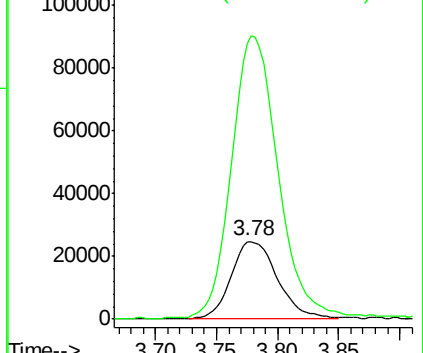
58 100

43 351.0 289.8 434.8



Abundance Ion 58.00 (57.70 to 58.70): VN064518.D (-615) (-)

Ion 43.00 (42.70 to 43.70): VN064518.D (-615) (-)



#16

Carbon Disulfide

Concen: 20.319 ug/l

RT: 4.00 min Scan# 703

Delta R.T. -0.00 min

Lab File: VN064518.D

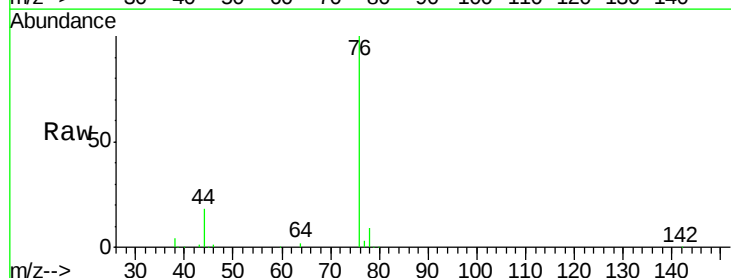
Acq: 10 Nov 2020 11:40

Tgt Ion: 76 Resp: 205630

Ion Ratio Lower Upper

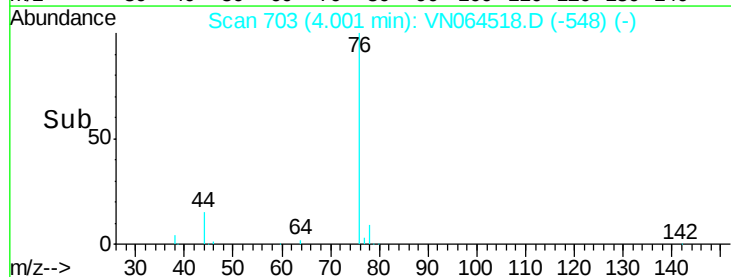
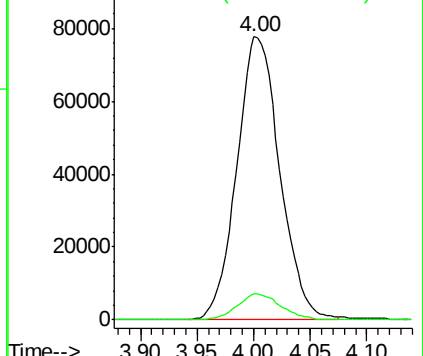
76 100

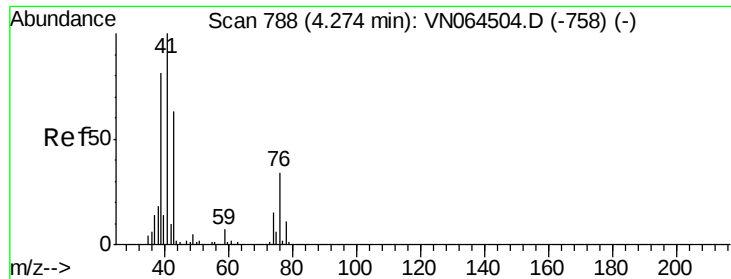
78 9.4 7.6 11.4



Abundance Ion 76.00 (75.70 to 76.70): VN064518.D (-684) (-)

Ion 78.00 (77.70 to 78.70): VN064518.D (-684) (-)

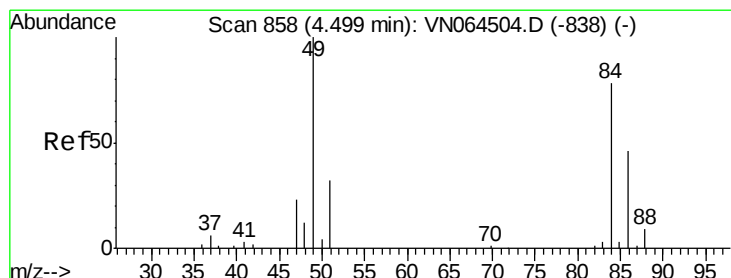
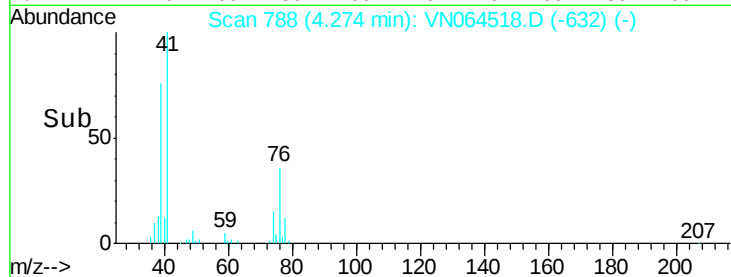
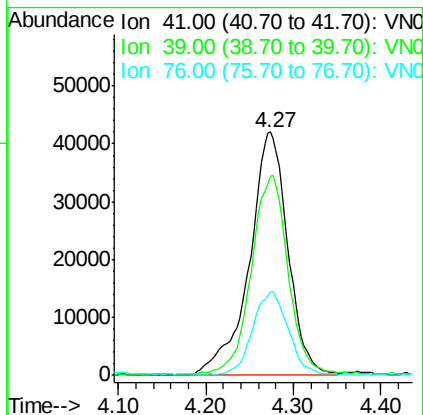
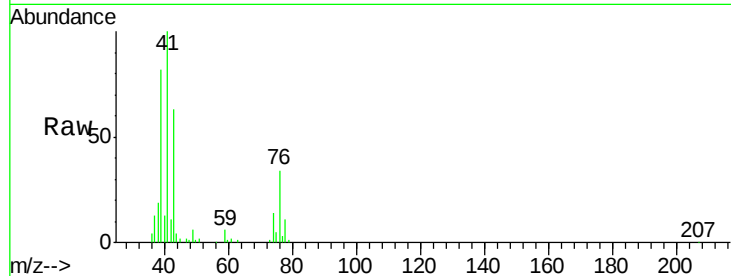




#17
Allvl chloride
Concen: 20.516 ug/l
RT: 4.27 min Scan# 788
Delta R.T. 0.00 min
Lab File: VN064518.D
Acq: 10 Nov 2020 11:40

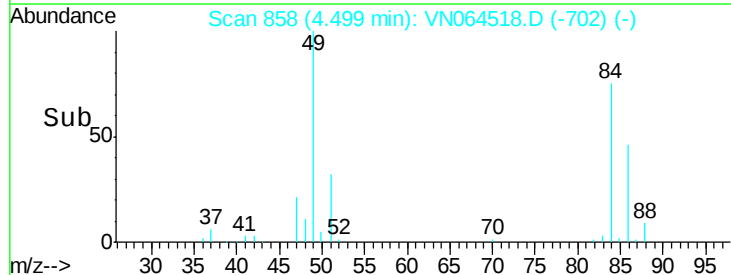
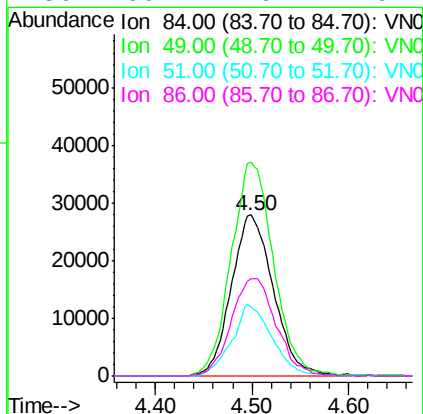
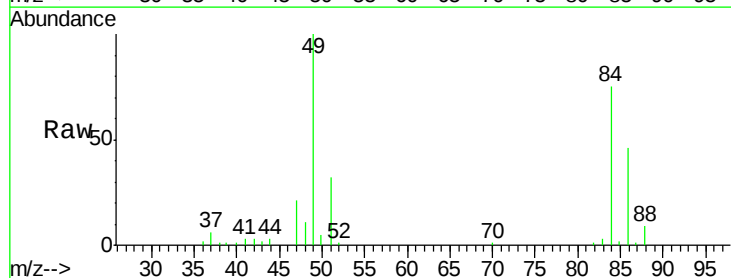
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

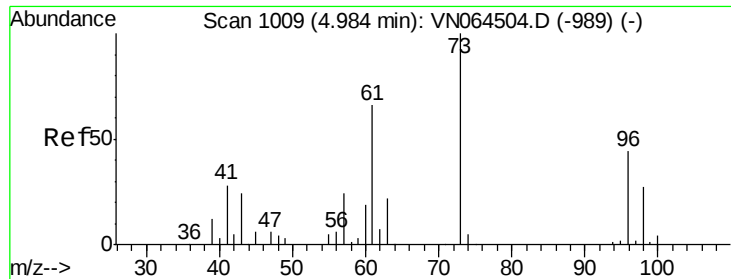
Tot Ion: 41 Resp: 128543
Ion Ratio Lower Upper
41 100
39 81.7 40.3 120.8
76 34.3 16.8 50.3



#18
Methylene Chloride
Concen: 21.342 ug/l
RT: 4.50 min Scan# 858
Delta R.T. 0.00 min
Lab File: VN064518.D
Acq: 10 Nov 2020 11:40

Tgt Ion: 84 Resp: 84510
Ion Ratio Lower Upper
84 100
49 132.6 102.1 153.1
51 42.9 32.6 48.8
86 60.4 46.7 70.1

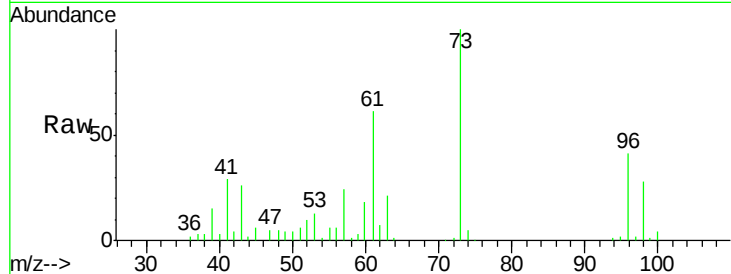




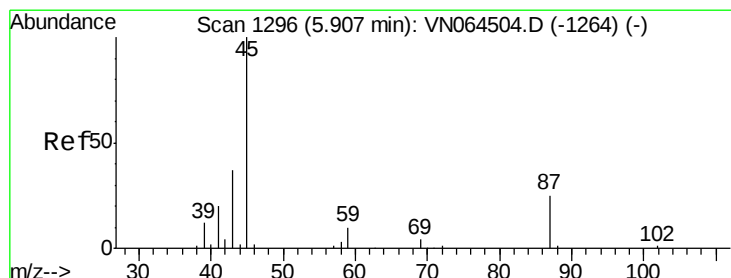
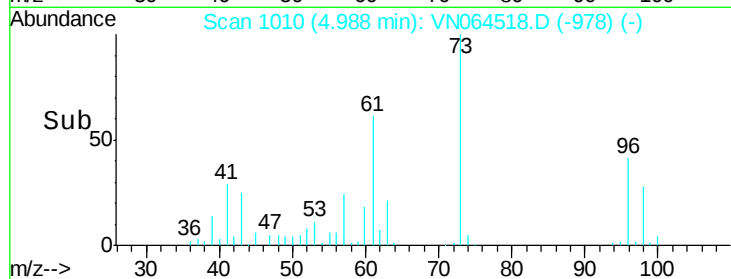
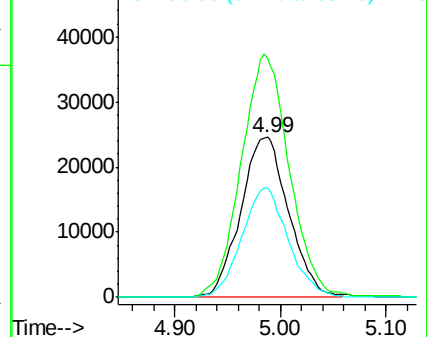
#19
trans-1,2-Dichloroethene
Concen: 20.563 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. 0.00 min
Lab File: VN064518.D
Acq: 10 Nov 2020 11:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion: 96 Resp: 77716
Ion Ratio Lower Upper
96 100
61 149.4 120.1 180.1
98 68.4 49.1 73.7

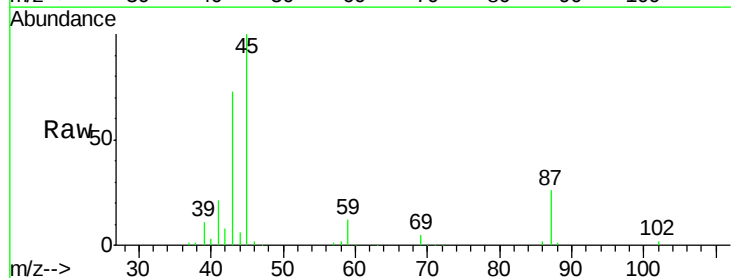


Abundance Ion 96.00 (95.70 to 96.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

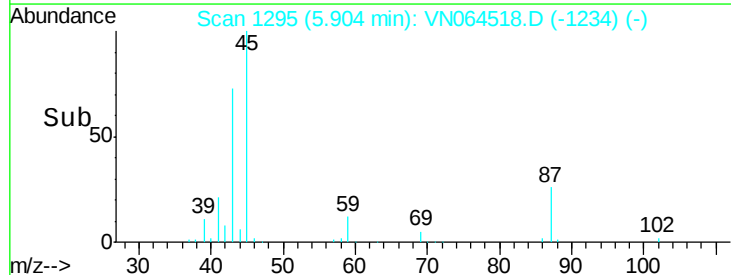
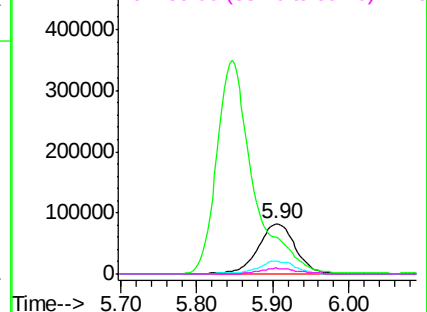


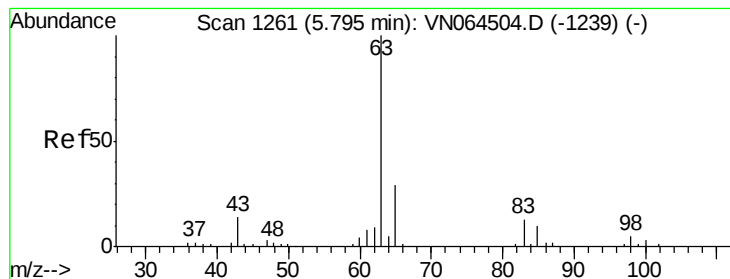
#20
Diisopropyl ether
Concen: 20.690 ug/l
RT: 5.90 min Scan# 1295
Delta R.T. -0.00 min
Lab File: VN064518.D
Acq: 10 Nov 2020 11:40

Tgt Ion: 45 Resp: 282261
Ion Ratio Lower Upper
45 100
43 69.9 53.1 79.7
87 26.0 21.0 31.6
59 11.3 8.2 12.4



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





#21

1,1-Dichloroethane

Concen: 21.261 ug/l

RT: 5.79 min Scan# 1261

Delta R.T. 0.00 min

Lab File: VN064518.D

Acq: 10 Nov 2020 11:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

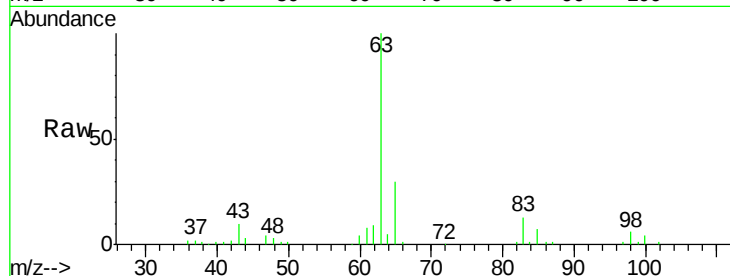
Tot Ion: 63 Resp: 159501

Ion Ratio Lower Upper

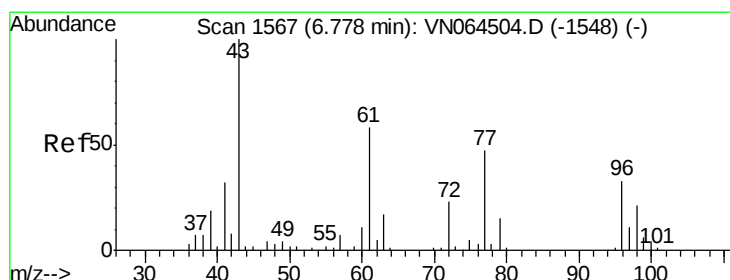
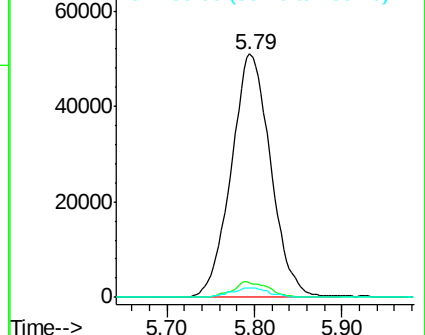
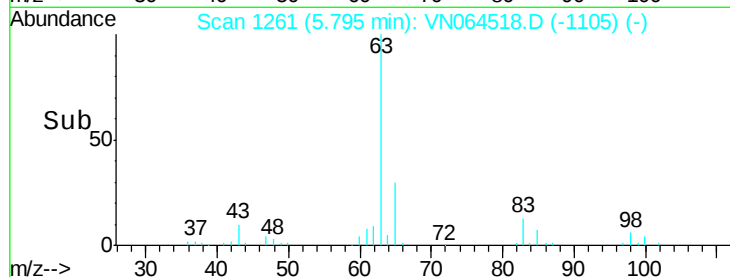
63 100

98 6.0 2.6 8.0

100 3.8 1.7 5.1



Abundance Ion 63.00 (62.70 to 63.70): VN064518.D (-1105) (-)



#22

cis-1,2-Dichloroethene

Concen: 20.704 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN064518.D

Acq: 10 Nov 2020 11:40

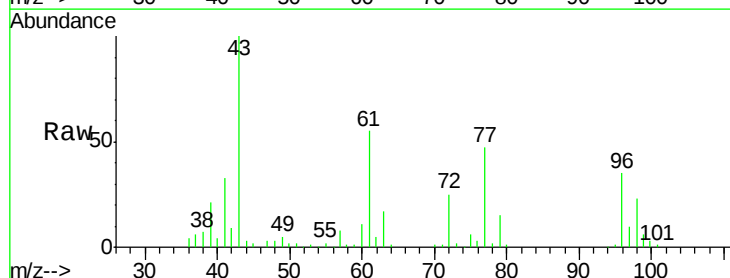
Tgt Ion: 96 Resp: 88683

Ion Ratio Lower Upper

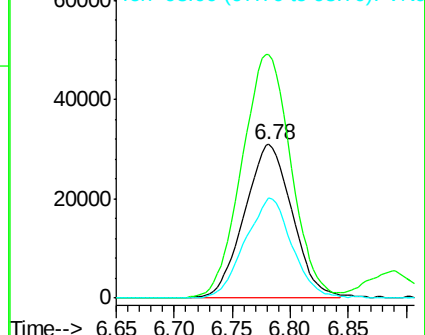
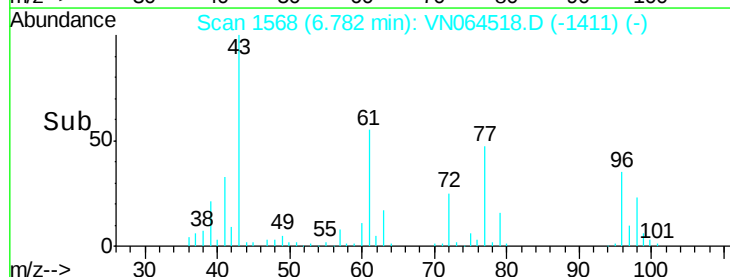
96 100

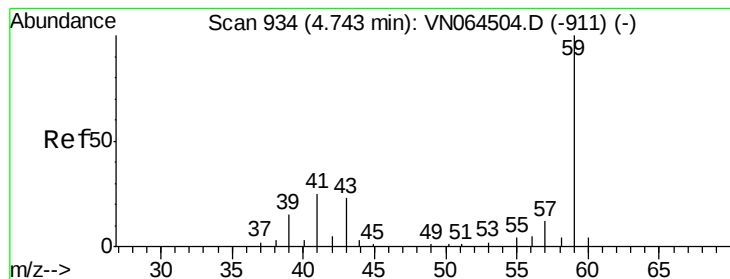
61 163.2 136.1 204.1

98 63.8 51.8 77.8



Abundance Ion 96.00 (95.70 to 96.70): VN064518.D (-1411) (-)



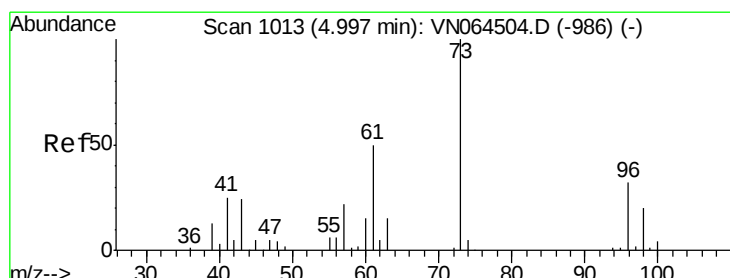
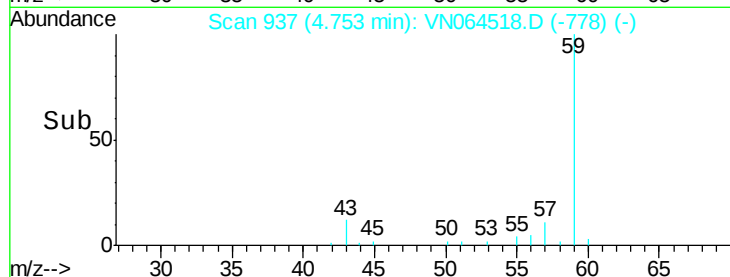
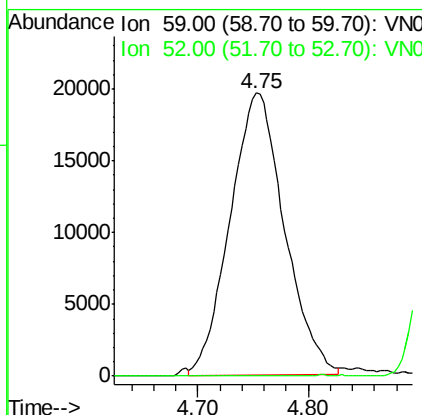
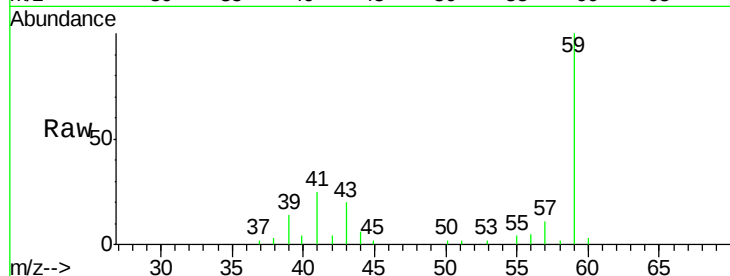


#23

tert-Butyl Alcohol
 Concen: 108.989 ug/l
 RT: 4.75 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: VN064518.D
 Acq: 10 Nov 2020 11:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

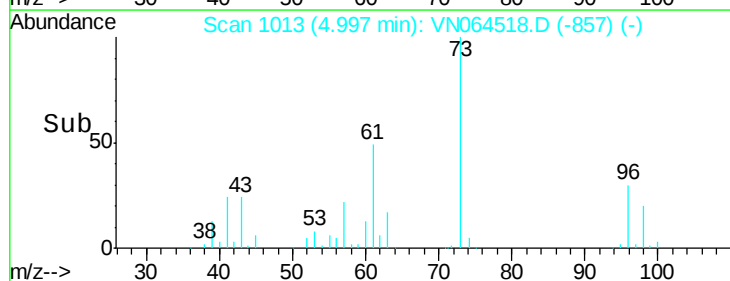
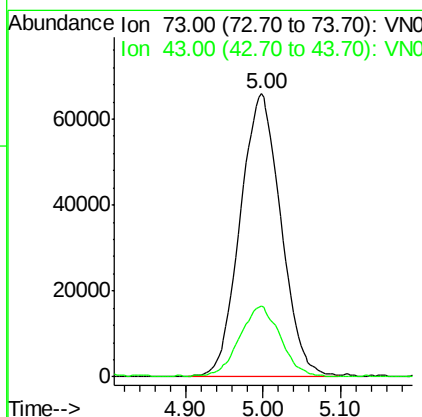
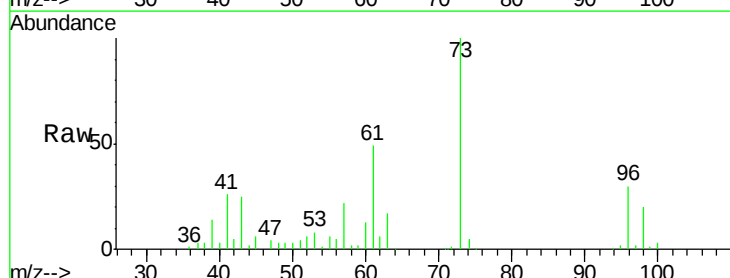
Tot Ion: 59 Resp: 67482
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.0 0.0

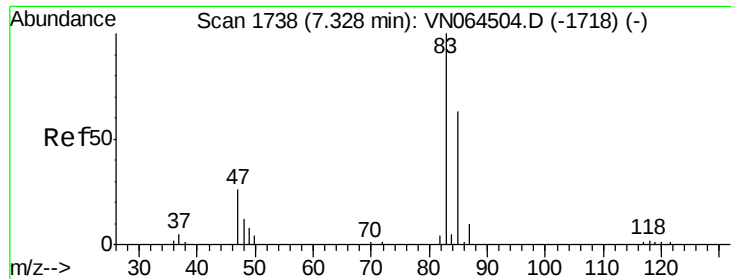


#24

Methyl tert-Butyl Ether
 Concen: 20.524 ug/l
 RT: 5.00 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VN064518.D
 Acq: 10 Nov 2020 11:40

Tgt Ion: 73 Resp: 242078
 Ion Ratio Lower Upper
 73 100
 43 24.6 10.2 15.2#

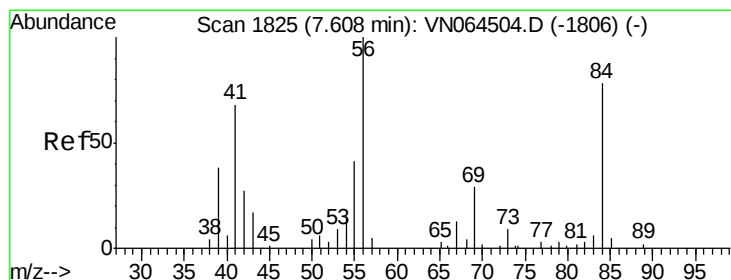
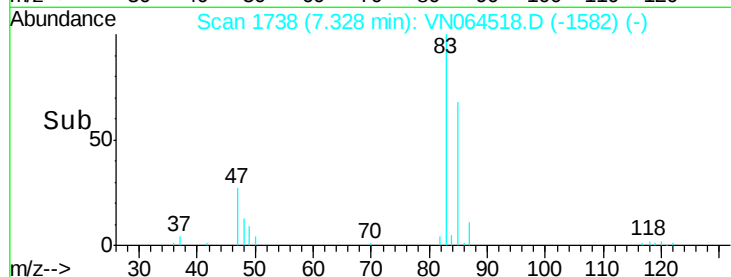
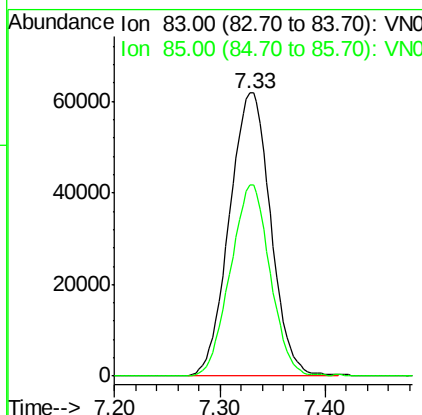
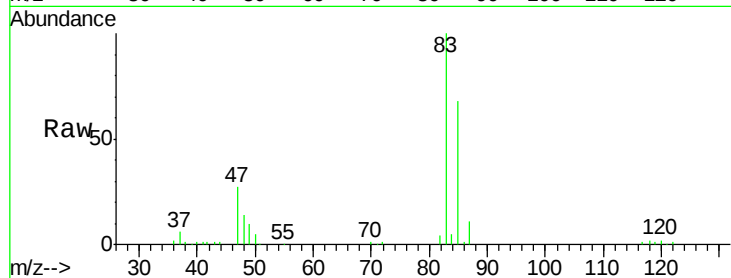




#25
Chloroform
Concen: 21.334 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN064518.D
Acq: 10 Nov 2020 11:40

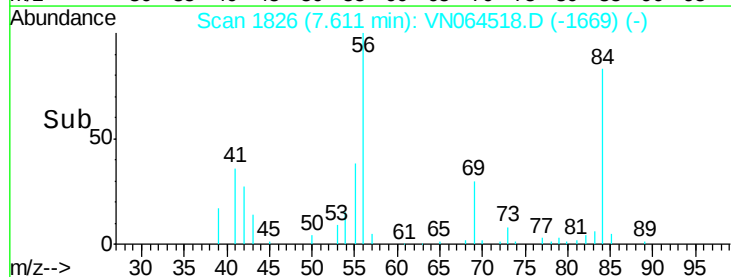
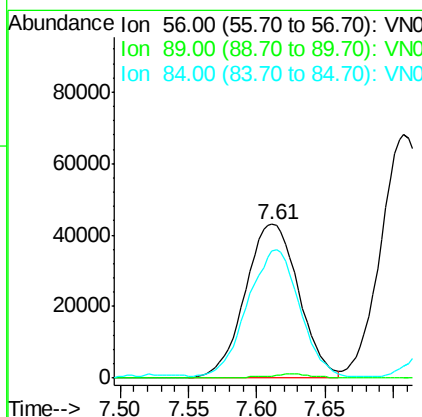
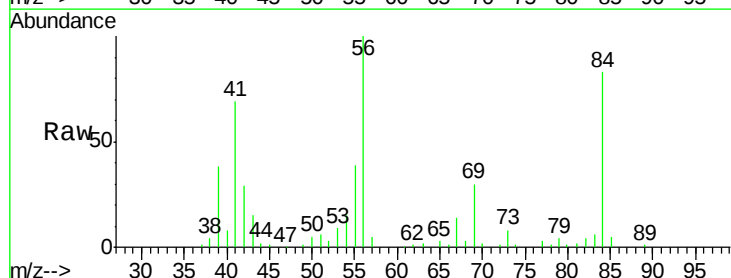
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

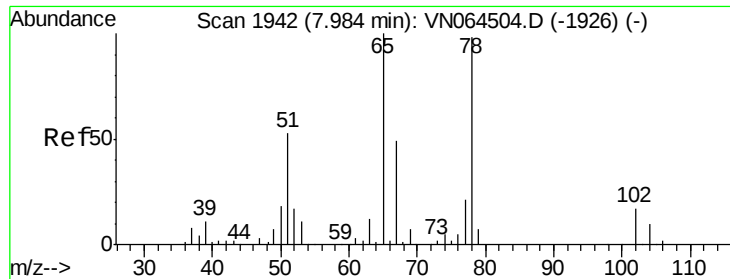
Tot Ion: 83 Resp: 168186
Ion Ratio Lower Upper
83 100
85 67.7 50.6 75.8



#26
Cyclohexane
Concen: 20.336 ug/l
RT: 7.61 min Scan# 1826
Delta R.T. 0.00 min
Lab File: VN064518.D
Acq: 10 Nov 2020 11:40

Tgt Ion: 56 Resp: 117783
Ion Ratio Lower Upper
56 100
89 2.1 0.6 0.8#
84 82.2 66.1 99.1

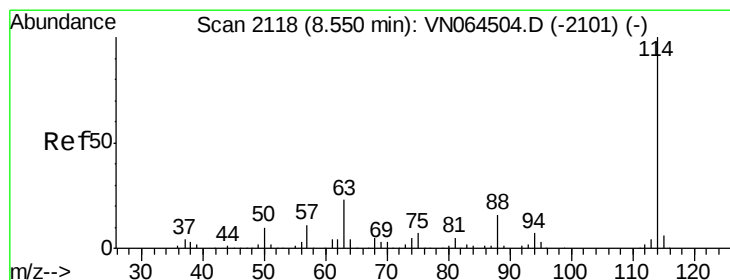
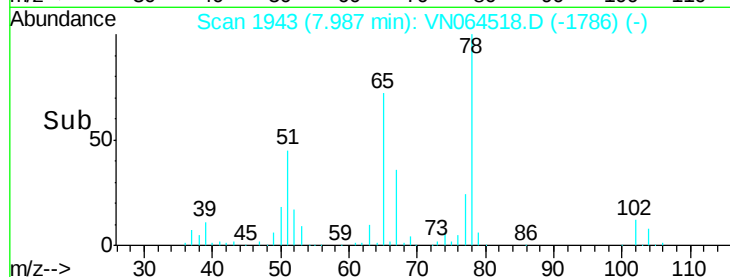
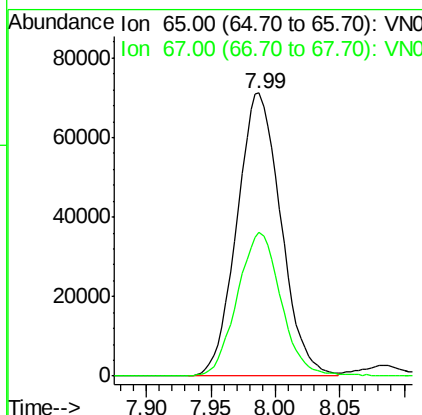
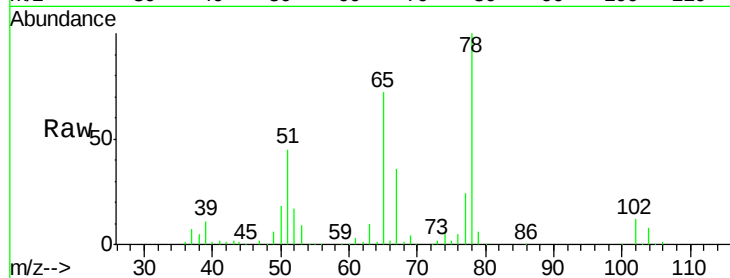




#27
 1,2-Dichloroethane-d4
 Concen: 30.911 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064518.D
 Acq: 10 Nov 2020 11:40

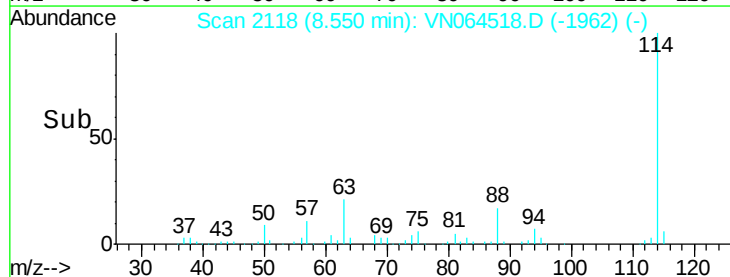
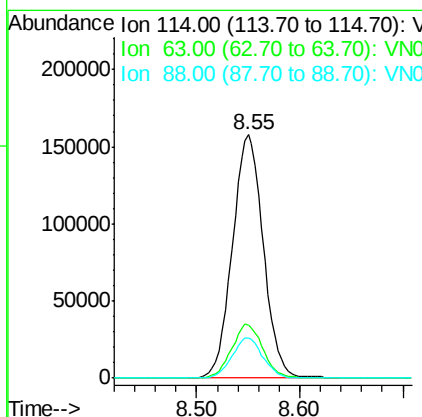
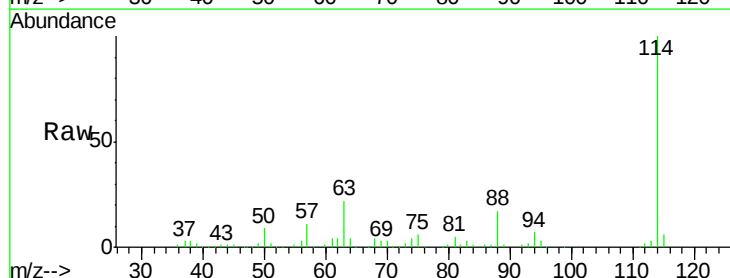
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

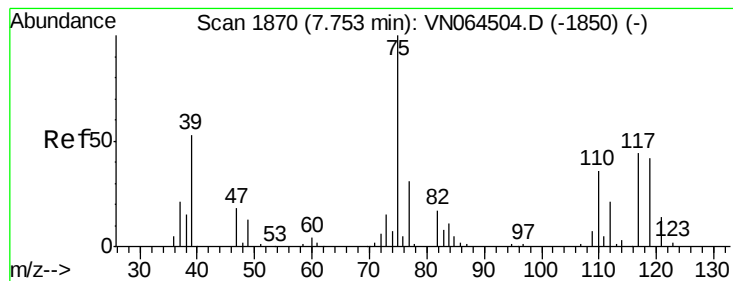
Tot Ion: 65 Resp: 169032
 Ion Ratio Lower Upper
 65 100
 67 50.3 41.1 61.7



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064518.D
 Acq: 10 Nov 2020 11:40

Tgt Ion: 114 Resp: 329035
 Ion Ratio Lower Upper
 114 100
 63 22.3 18.5 27.7
 88 16.5 13.0 19.6





#29

1,1-Dichloropropene

Concen: 21.174 ug/l

RT: 7.75 min Scan# 1870

Delta R.T. 0.00 min

Lab File: VN064518.D

Acq: 10 Nov 2020 11:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

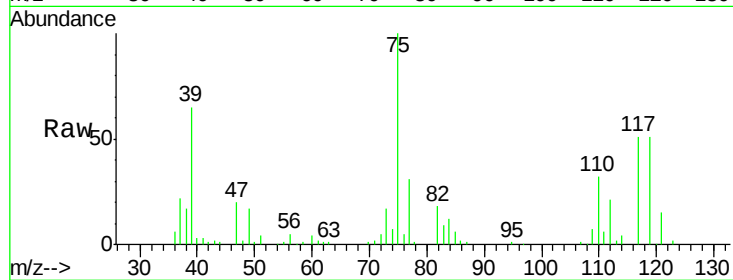
Tot Ion: 75 Resp: 120905

Ion Ratio Lower Upper

75 100

110 31.6 0.0 66.4

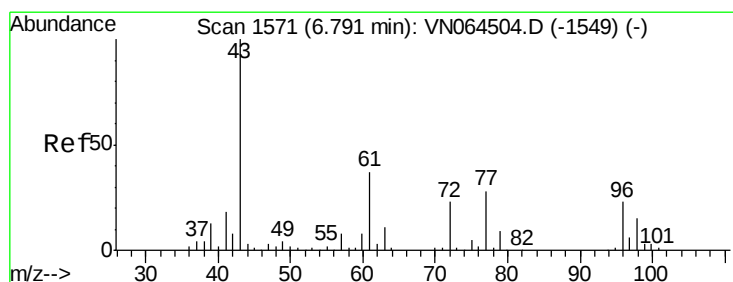
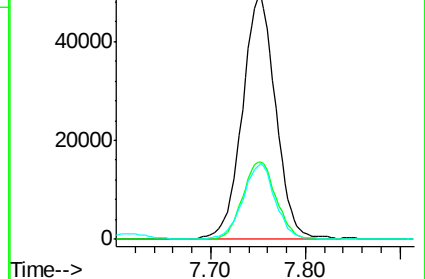
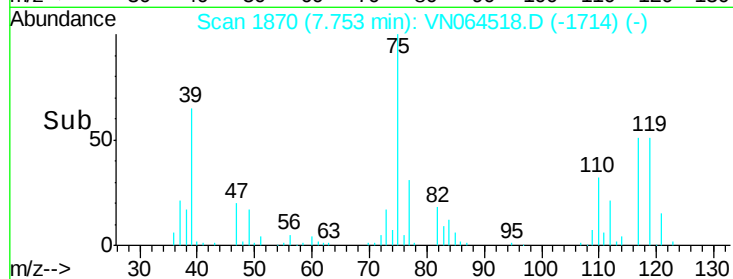
77 29.8 0.0 62.0



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 110.00 (109.70 to 110.70): VN0

Ion 77.00 (76.70 to 77.70): VN0



#30

2-Butanone

Concen: 105.429 ug/l

RT: 6.79 min Scan# 1571

Delta R.T. 0.00 min

Lab File: VN064518.D

Acq: 10 Nov 2020 11:40

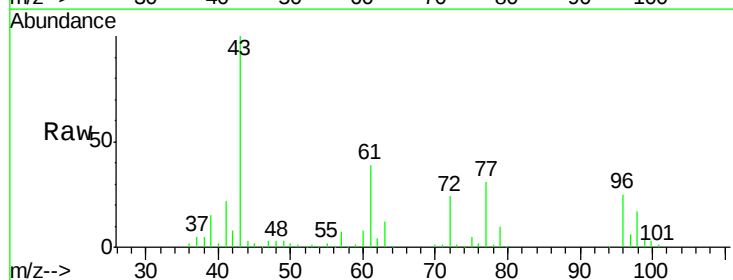
Tgt Ion: 43 Resp: 298004

Ion Ratio Lower Upper

43 100

57 3.4 6.2 9.4#

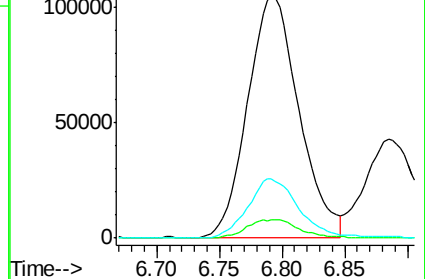
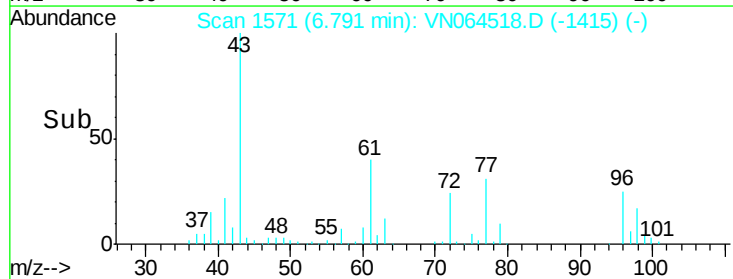
72 24.5 9.9 14.9#

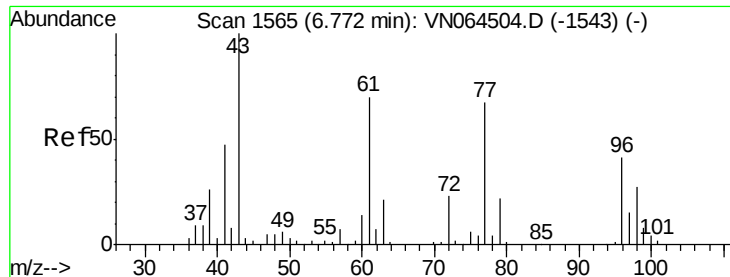


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

Ion 72.00 (71.70 to 72.70): VN0





#31

2,2-Dichloropropane

Concen: 21.033 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN064518.D

Acq: 10 Nov 2020 11:40

Instrument :

MSVOA_N

ClientSampleId :

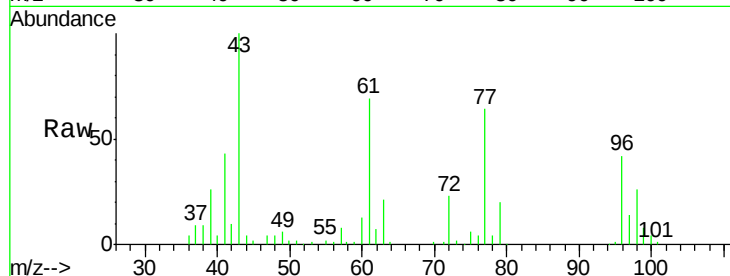
VSTDCCC020

Tot Ion: 77 Resp: 142658

Ion Ratio Lower Upper

77 100

97 21.0 16.9 25.3



Abundance Ion 77.00 (76.70 to 77.70): VN0

Ion 97.00 (96.70 to 97.70): VN0

6.78

50000

40000

30000

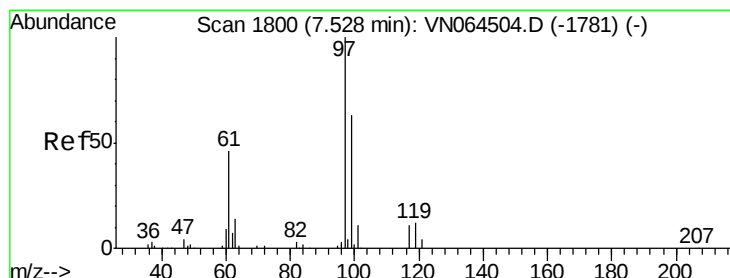
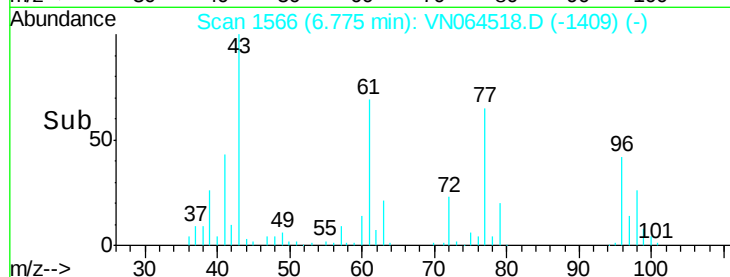
20000

10000

0

Time-->

6.70 6.80 6.90



#32

1,1,1-Trichloroethane

Concen: 21.802 ug/l

RT: 7.52 min Scan# 1799

Delta R.T. -0.00 min

Lab File: VN064518.D

Acq: 10 Nov 2020 11:40

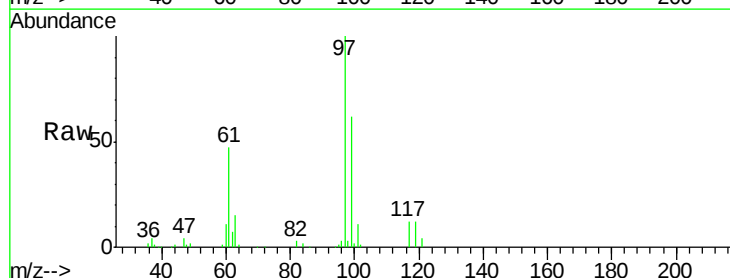
Tgt Ion: 97 Resp: 152700

Ion Ratio Lower Upper

97 100

99 62.4 51.8 77.8

61 46.5 39.4 59.0



Abundance Ion 97.00 (96.70 to 97.70): VN0

Ion 99.00 (98.70 to 99.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

7.52

60000

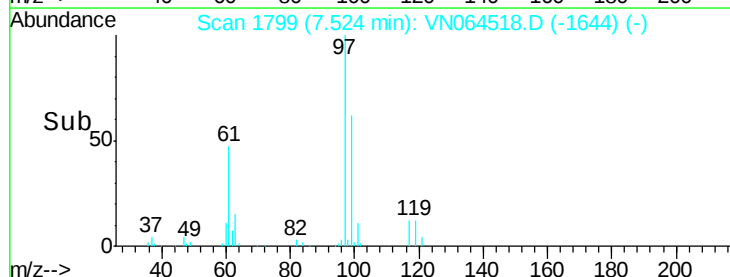
40000

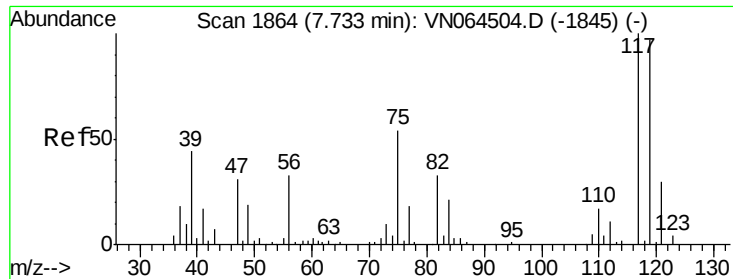
20000

0

Time-->

7.40 7.50 7.60

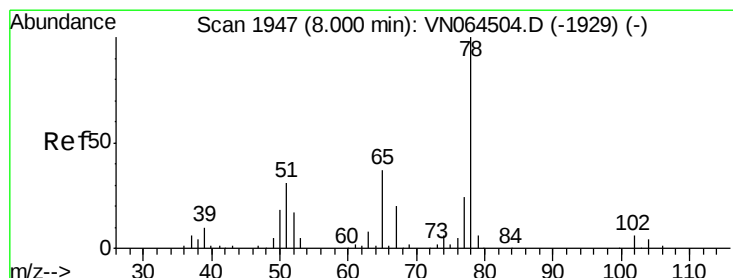
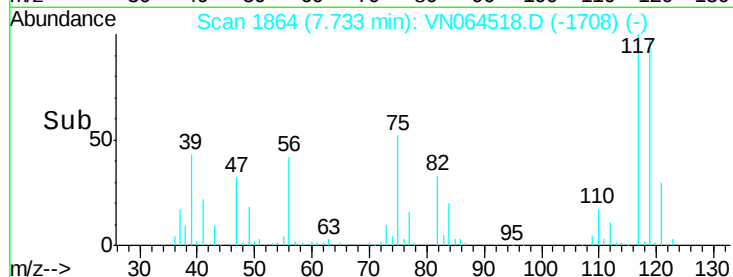
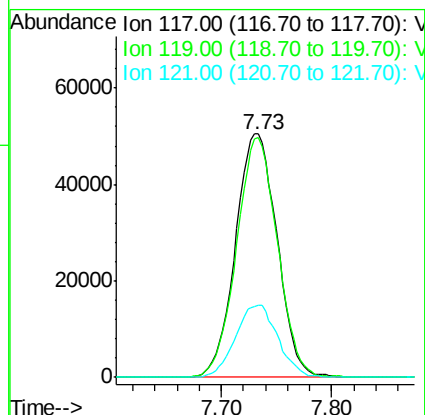
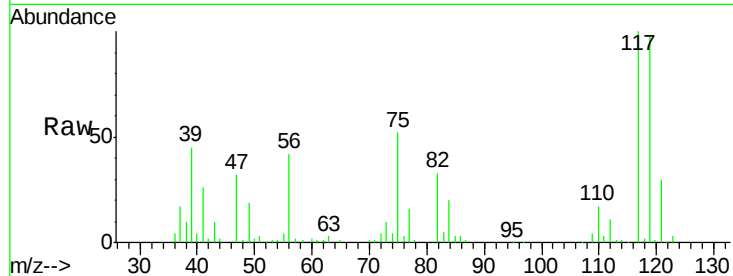




#33
Carbon Tetrachloride
Concen: 21.093 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN064518.D
Acq: 10 Nov 2020 11:40

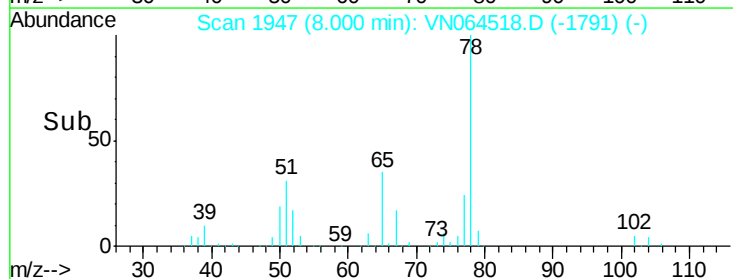
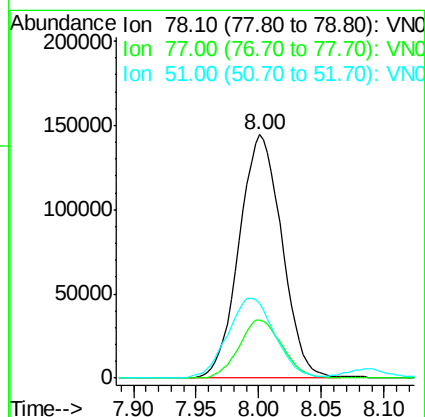
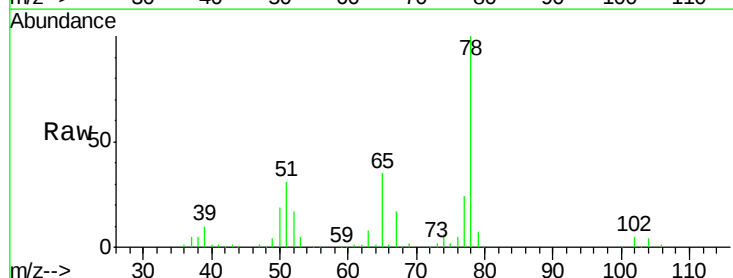
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

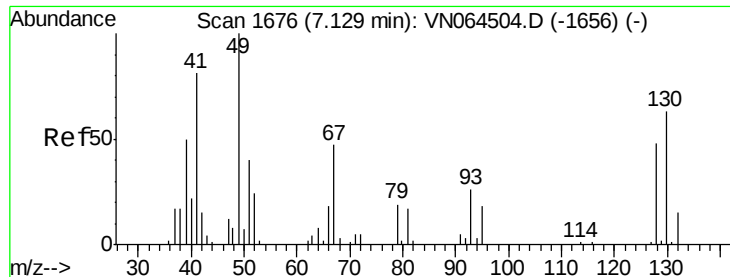
Tot Ion:117 Resp: 131932
Ion Ratio Lower Upper
117 100
119 98.1 77.9 116.9
121 29.8 24.0 36.0



#34
Benzene
Concen: 20.754 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. 0.00 min
Lab File: VN064518.D
Acq: 10 Nov 2020 11:40

Tgt Ion: 78 Resp: 343136
Ion Ratio Lower Upper
78 100
77 24.1 18.9 28.3
51 30.3 24.6 36.8

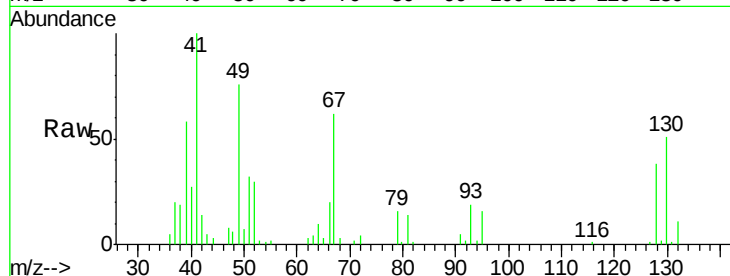




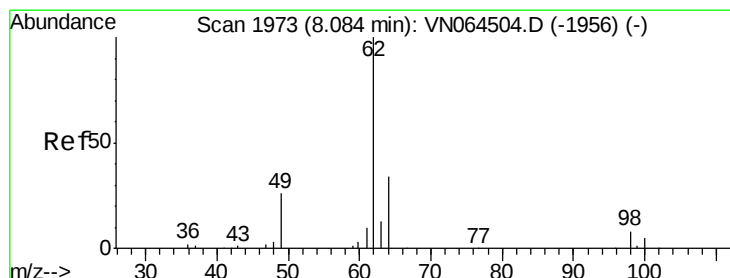
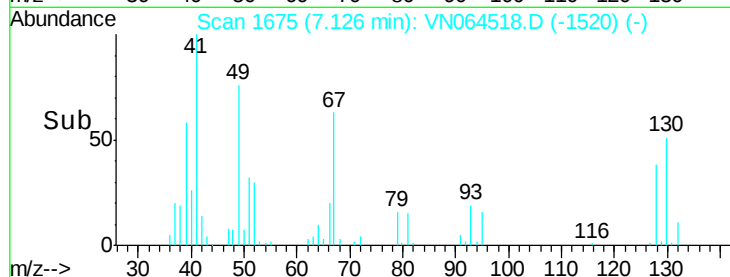
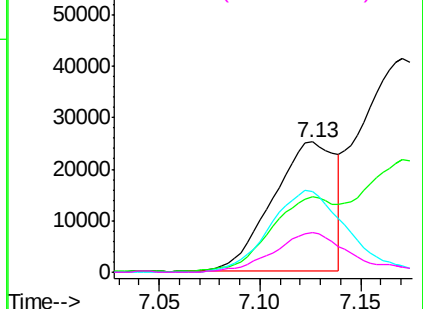
#35
Methacrylonitrile
Concen: 20.563 ug/l
RT: 7.13 min Scan# 1675
Delta R.T. -0.00 min
Lab File: VN064518.D
Acq: 10 Nov 2020 11:40

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020

Tot Ion:	41	Resp:	54374
Ion	Ratio	Lower	Upper
41	100		
39	57.2	30.0	90.1
67	62.5	29.2	87.6
52	30.2	14.9	44.9

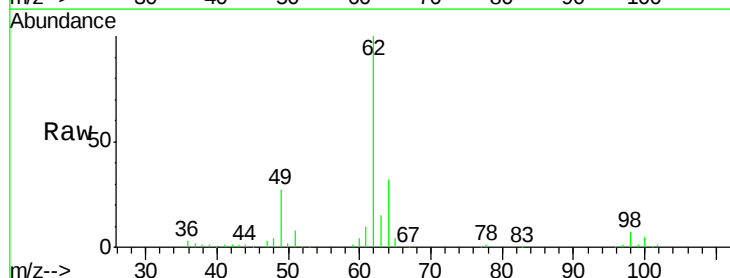


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

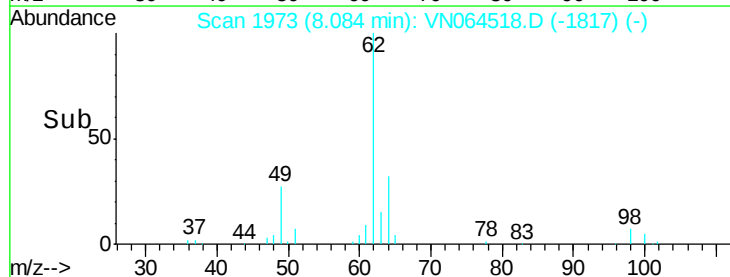
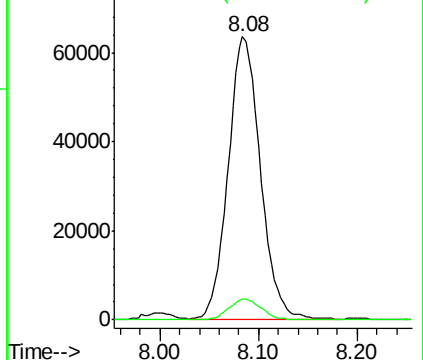


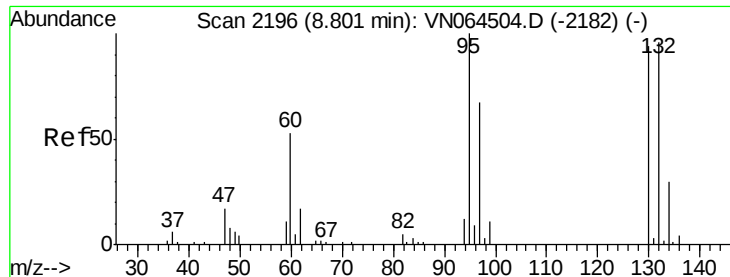
#36
1,2-Dichloroethane
Concen: 21.269 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VN064518.D
Acq: 10 Nov 2020 11:40

Tgt Ion:	62	Resp:	144311
Ion	Ratio	Lower	Upper
62	100		
98	7.5	5.5	8.3



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





#37

Trichloroethene

Concen: 20.481 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN064518.D

Acq: 10 Nov 2020 11:40

Instrument :

MSVOA_N

ClientSampleId :

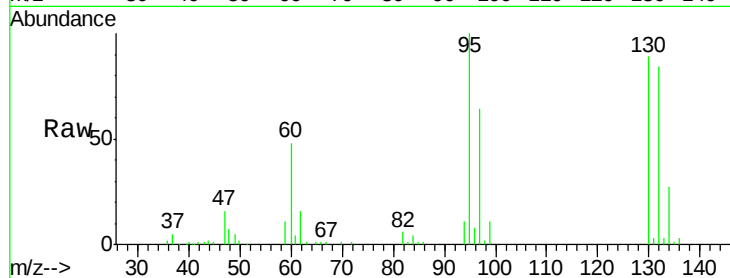
VSTDCCC020

Tot Ion:130 Resp: 85617

Ion Ratio Lower Upper

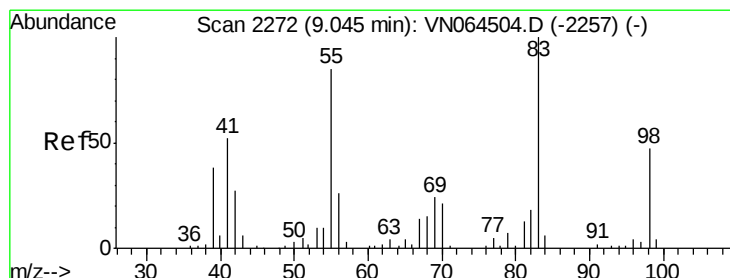
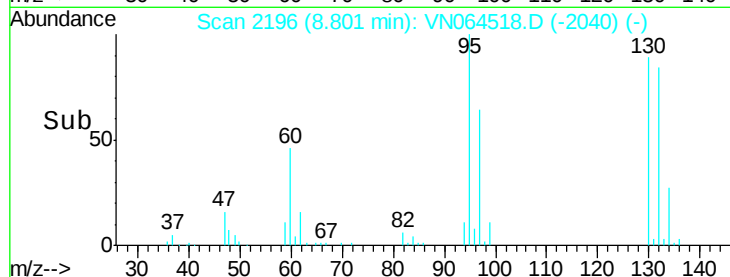
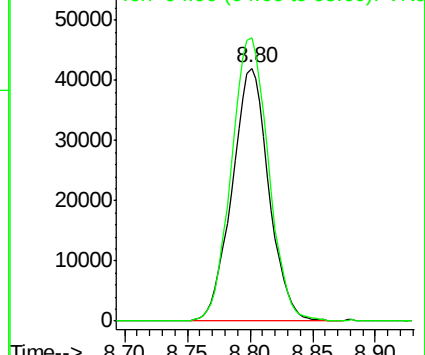
130 100

95 111.8 85.1 127.7



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VN



#38

Methylcyclohexane

Concen: 19.494 ug/l

RT: 9.05 min Scan# 2272

Delta R.T. 0.00 min

Lab File: VN064518.D

Acq: 10 Nov 2020 11:40

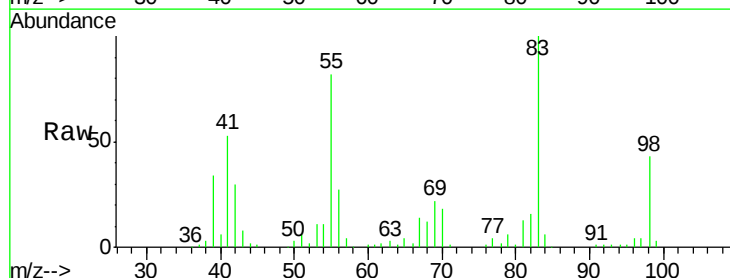
Tgt Ion: 83 Resp: 100682

Ion Ratio Lower Upper

83 100

55 85.7 42.0 126.1

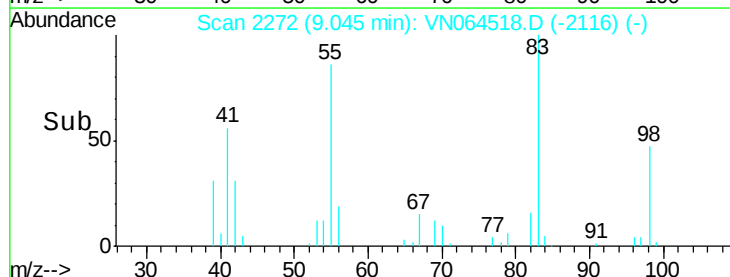
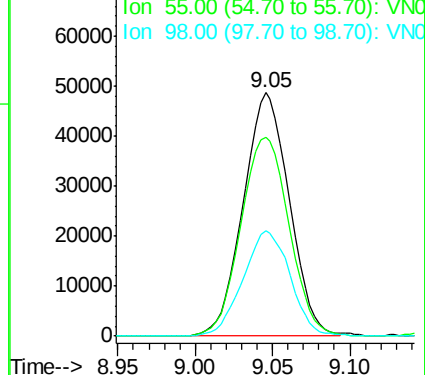
98 44.5 22.5 67.5

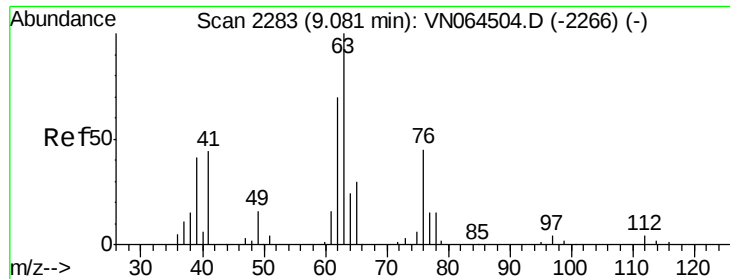


Abundance Ion 83.00 (82.70 to 83.70): VN

Ion 55.00 (54.70 to 55.70): VN

Ion 98.00 (97.70 to 98.70): VN

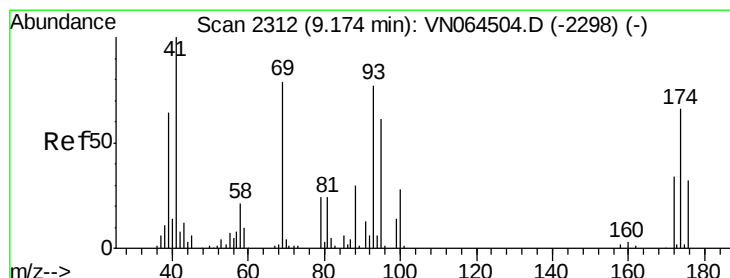
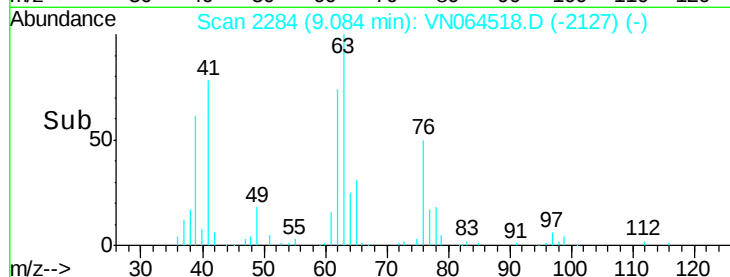
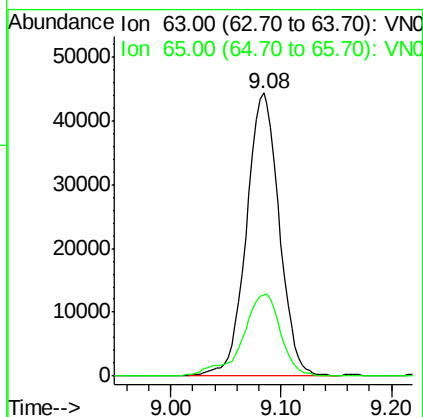
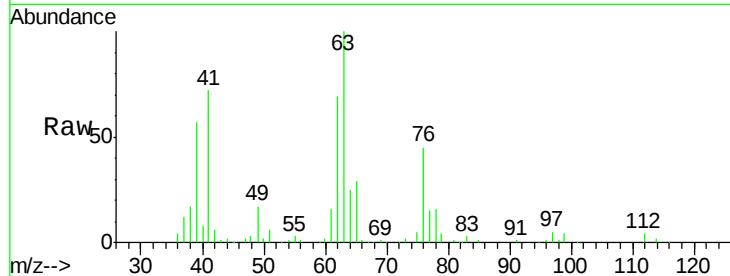




#39
 1,2-Dichloropropane
 Concen: 20.595 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN064518.D
 Acq: 10 Nov 2020 11:40

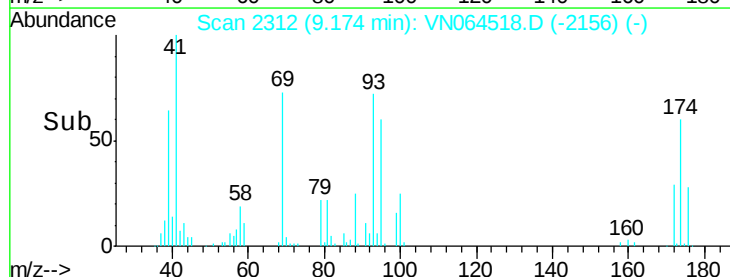
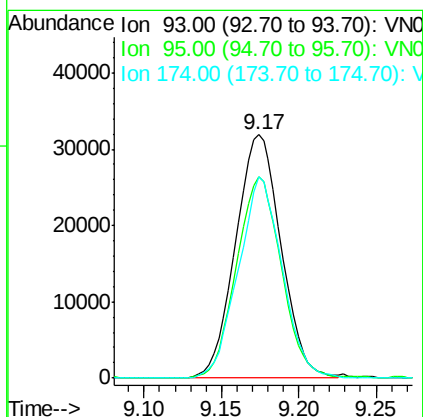
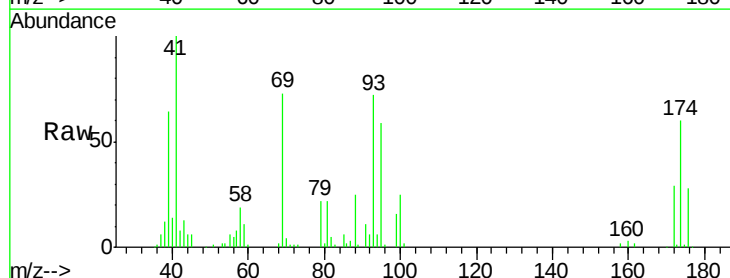
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

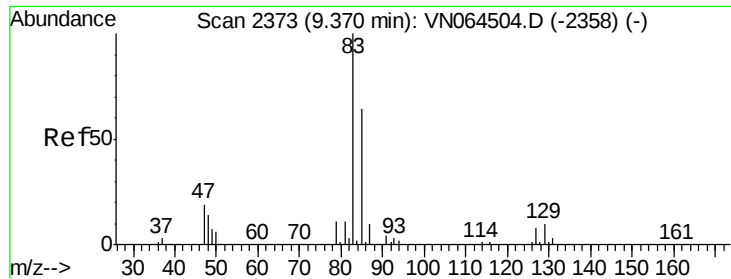
Tot Ion: 63 Resp: 91491
 Ion Ratio Lower Upper
 63 100
 65 28.8 24.4 36.6



#40
 Dibromomethane
 Concen: 21.775 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN064518.D
 Acq: 10 Nov 2020 11:40

Tgt Ion: 93 Resp: 65259
 Ion Ratio Lower Upper
 93 100
 95 81.5 0.0 164.6
 174 79.4 0.0 165.6

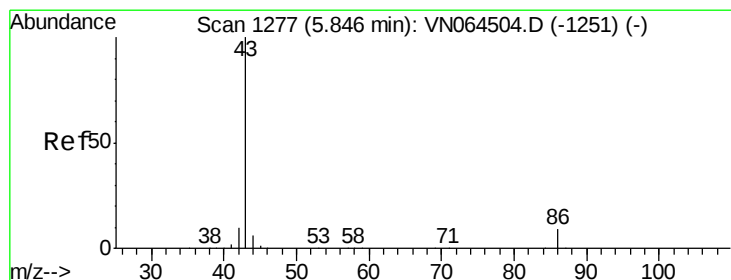
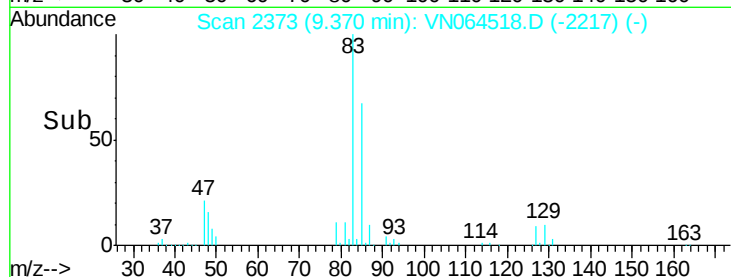
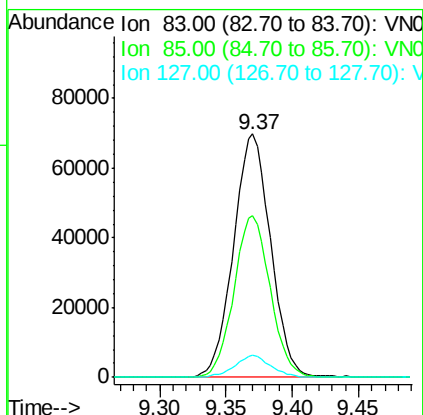
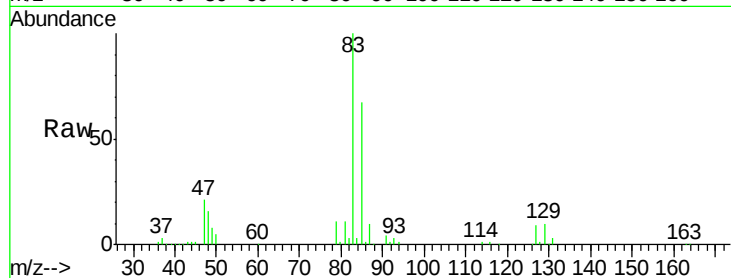




#41
Bromodichloromethane
Concen: 20.910 ug/l
RT: 9.37 min Scan# 2373
Delta R.T. 0.00 min
Lab File: VN064518.D
Acq: 10 Nov 2020 11:40

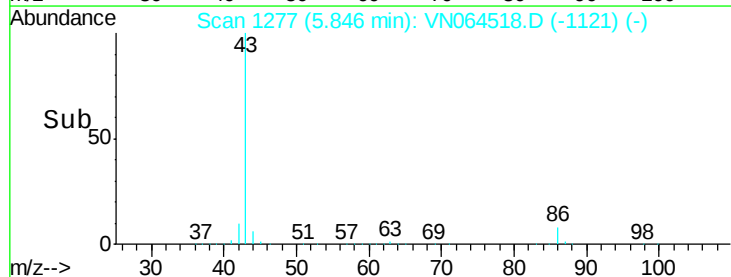
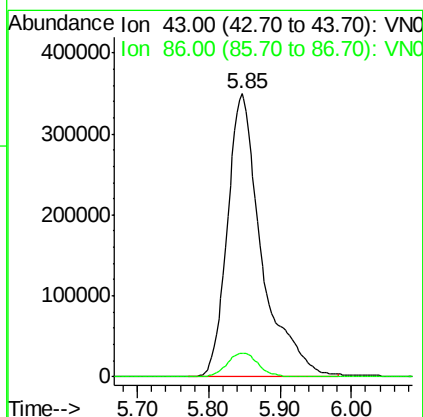
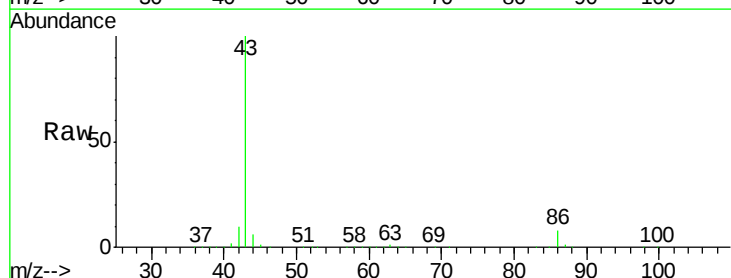
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

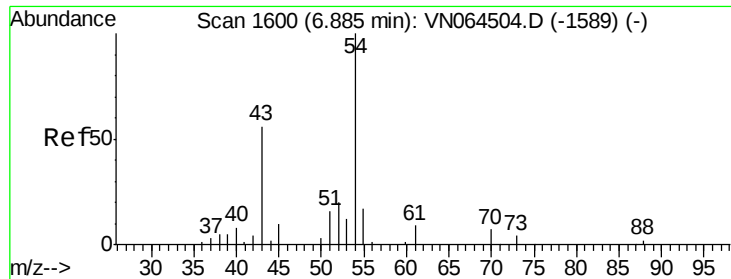
Tot Ion: 83 Resp: 135817
Ion Ratio Lower Upper
83 100
85 66.5 51.0 76.4
127 8.9 6.2 9.4



#42
Vinyl Acetate
Concen: 103.005 ug/l
RT: 5.85 min Scan# 1277
Delta R.T. 0.00 min
Lab File: VN064518.D
Acq: 10 Nov 2020 11:40

Tgt Ion: 43 Resp: 1165581
Ion Ratio Lower Upper
43 100
86 7.7 6.3 9.5





#43

Ethyl Acetate

Concen: 21.714 ug/l

RT: 6.88 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VN064518.D

Acq: 10 Nov 2020 11:40

Instrument :

MSVOA_N

ClientSampled :

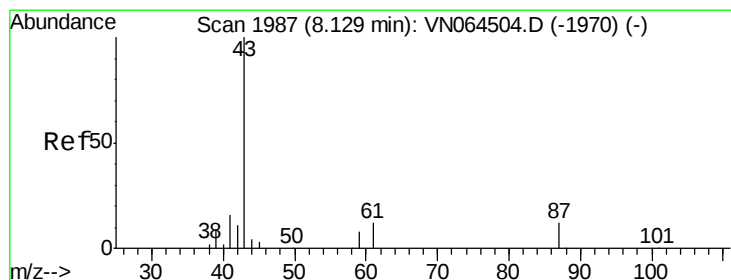
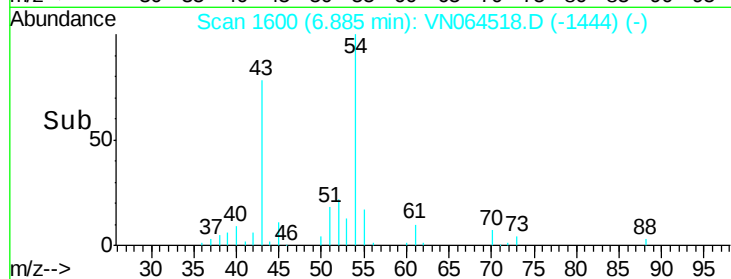
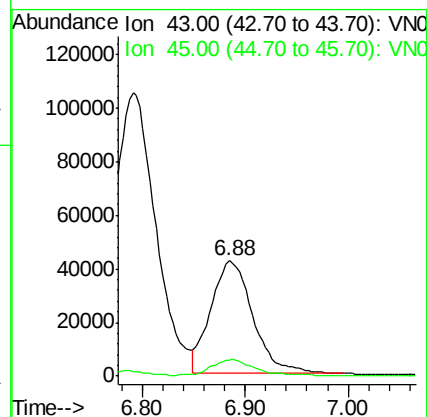
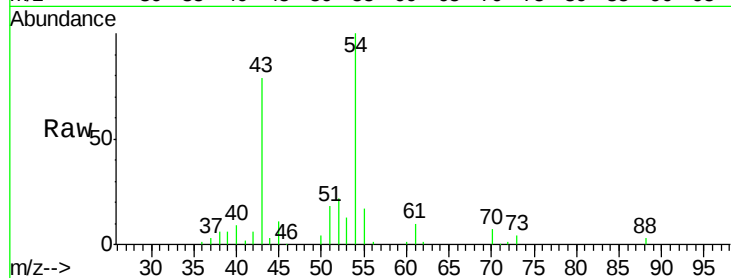
VSTDCCC020

Tot Ion: 43 Resp: 119427

Ion Ratio Lower Upper

43 100

45 12.8 10.9 16.3



#44

Isopropyl Acetate

Concen: 20.641 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN064518.D

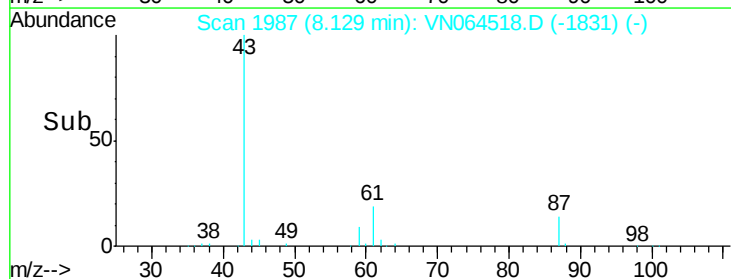
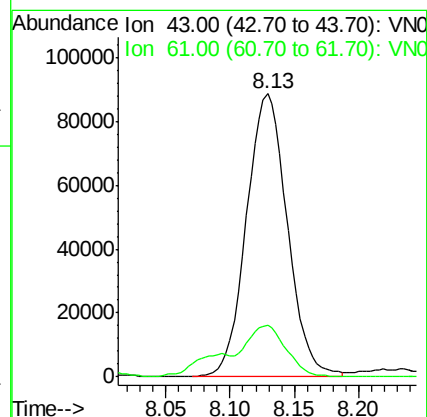
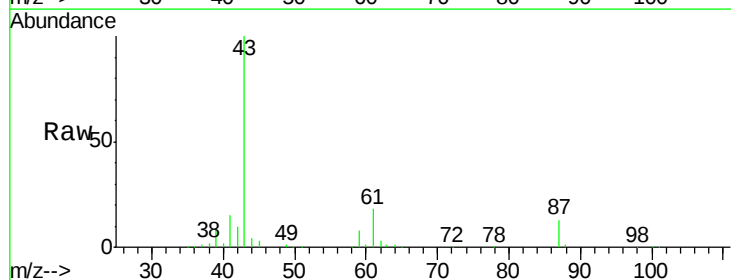
Acq: 10 Nov 2020 11:40

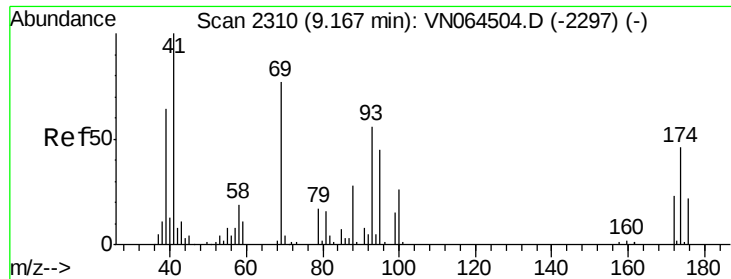
Tgt Ion: 43 Resp: 195970

Ion Ratio Lower Upper

43 100

61 17.9 13.0 19.4

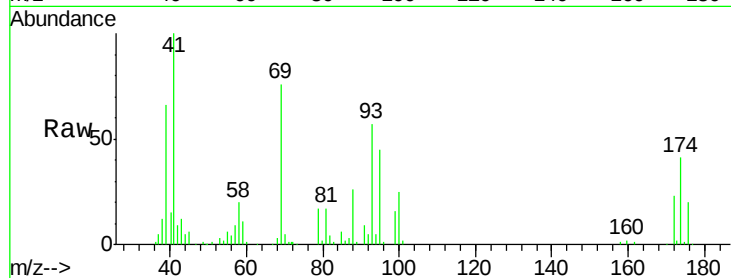




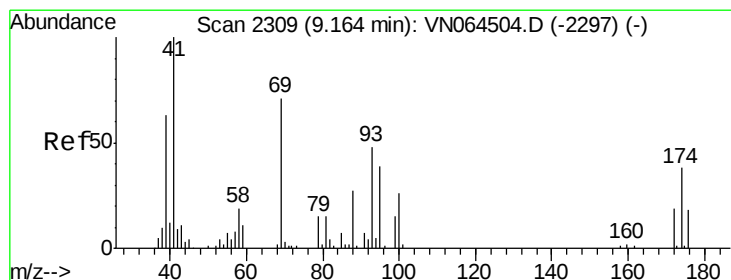
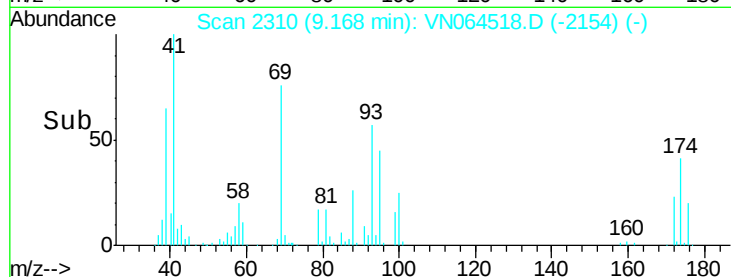
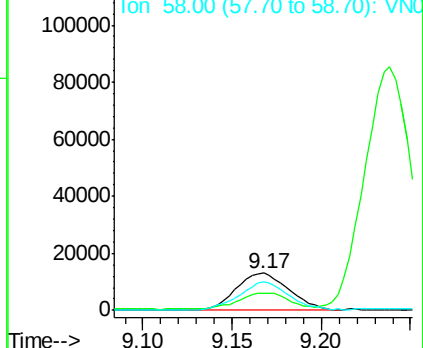
#45
 1,4-Dioxane
 Concen: 406.853 ug/l
 RT: 9.17 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN064518.D
 Acq: 10 Nov 2020 11:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tot Ion: 88 Resp: 27078
 Ion Ratio Lower Upper
 88 100
 43 40.9 30.6 46.0
 58 72.6 57.9 86.9

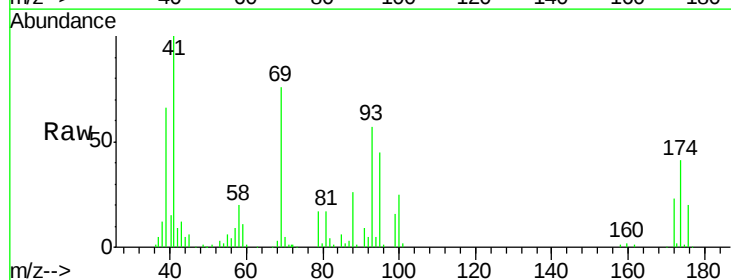


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

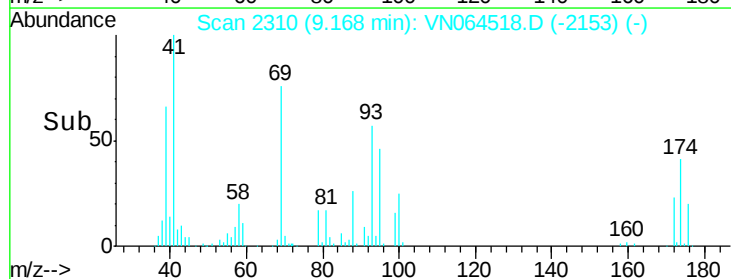
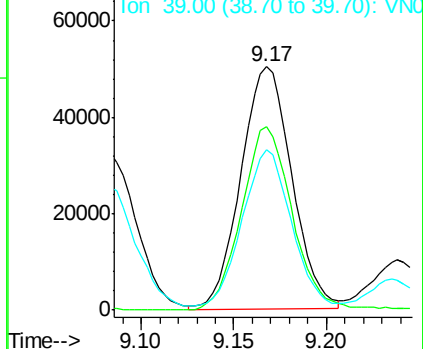


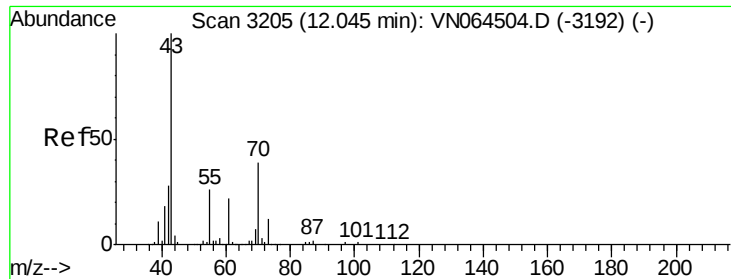
#46
 Methyl methacrylate
 Concen: 20.432 ug/l
 RT: 9.17 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN064518.D
 Acq: 10 Nov 2020 11:40

Tgt Ion: 41 Resp: 96474
 Ion Ratio Lower Upper
 41 100
 69 76.8 35.4 106.2
 39 65.2 31.6 94.7



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

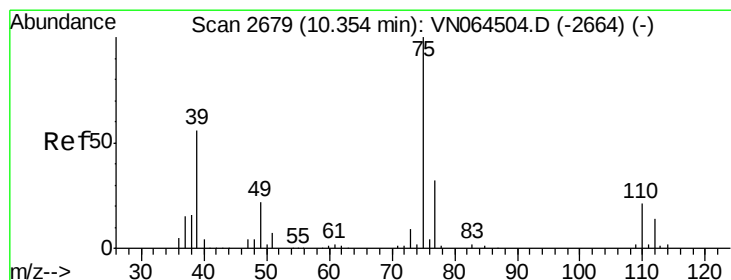
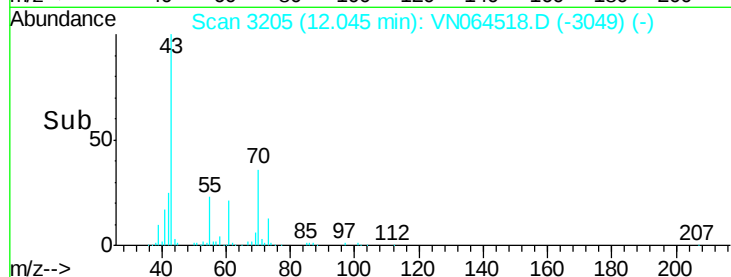
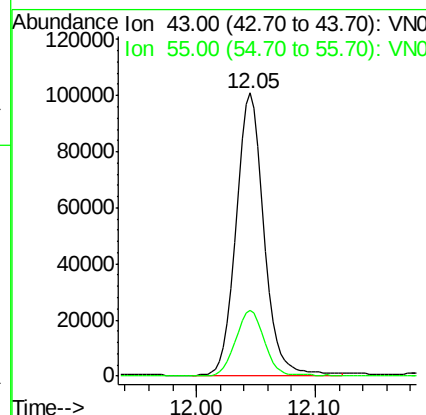
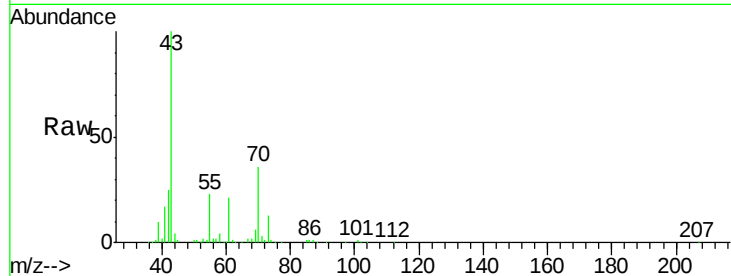




#47
n-amvl Acetate
Concen: 19.866 ug/l
RT: 12.05 min Scan# 3205
Delta R.T. 0.00 min
Lab File: VN064518.D
Acq: 10 Nov 2020 11:40

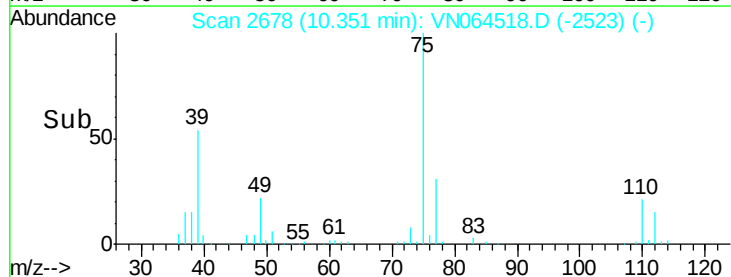
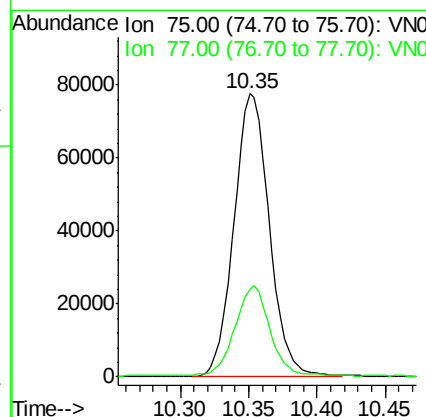
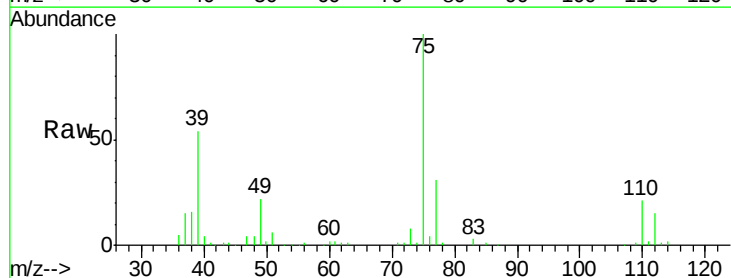
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

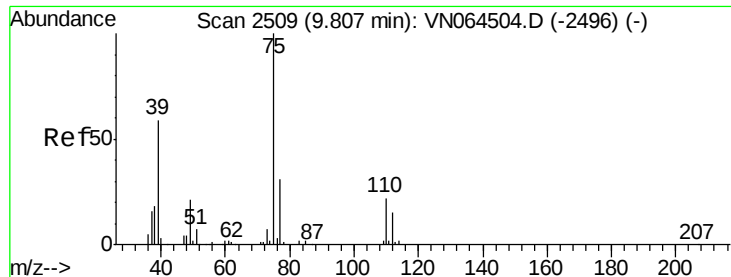
Tot Ion: 43 Resp: 163161
Ion Ratio Lower Upper
43 100
55 24.1 19.2 28.8



#48
t-1,3-Dichloropropene
Concen: 20.349 ug/l
RT: 10.35 min Scan# 2678
Delta R.T. -0.00 min
Lab File: VN064518.D
Acq: 10 Nov 2020 11:40

Tgt Ion: 75 Resp: 140070
Ion Ratio Lower Upper
75 100
77 30.4 25.8 38.6



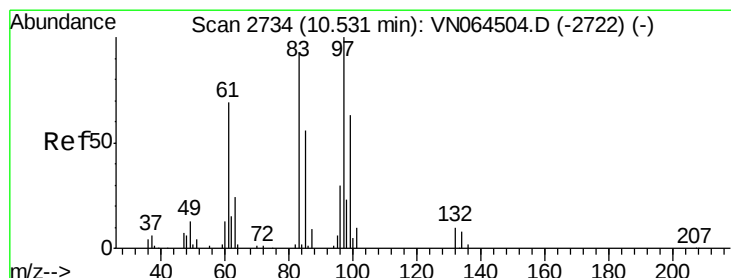
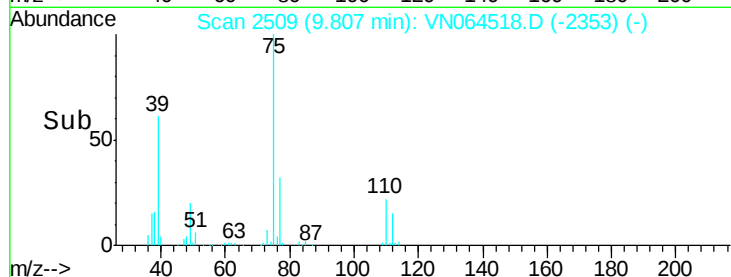
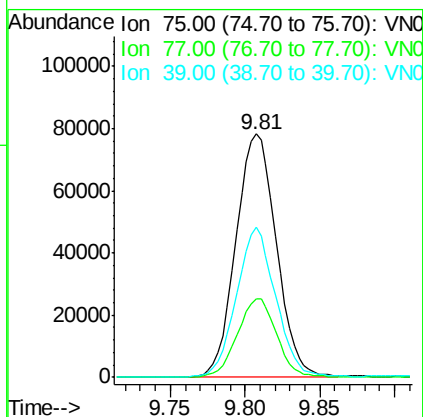
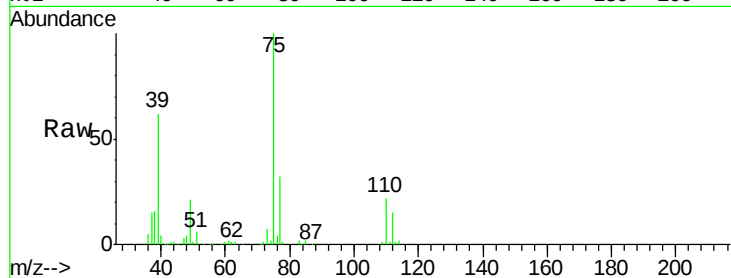


#49

cis-1,3-Dichloropropene
 Concen: 20.403 ug/l
 RT: 9.81 min Scan# 2509
 Delta R.T. 0.00 min
 Lab File: VN064518.D
 Acq: 10 Nov 2020 11:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

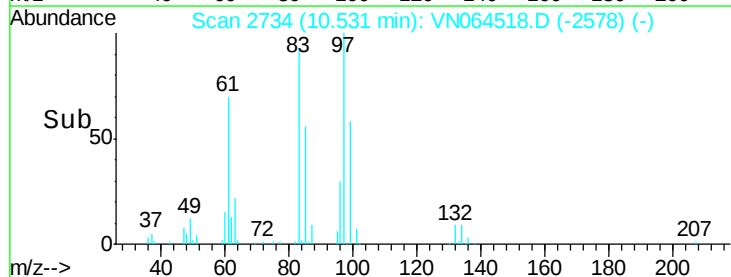
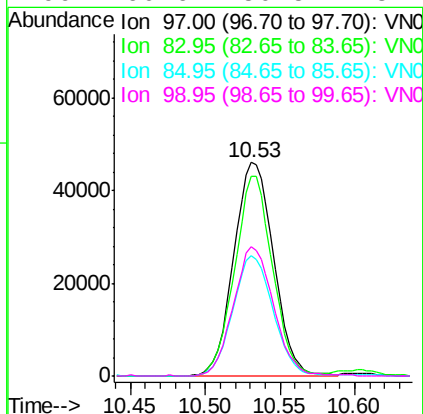
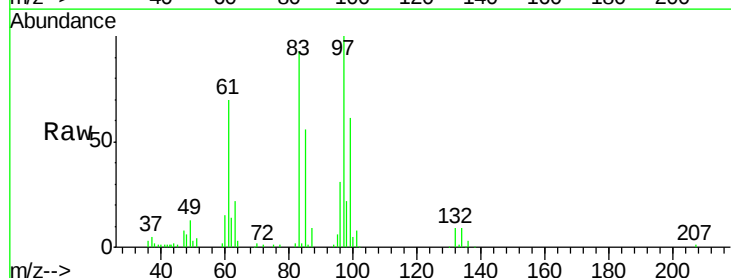
Tot Ion	Ratio	Lower	Upper
75	100		
77	32.4	24.8	37.2
39	61.2	47.4	71.0

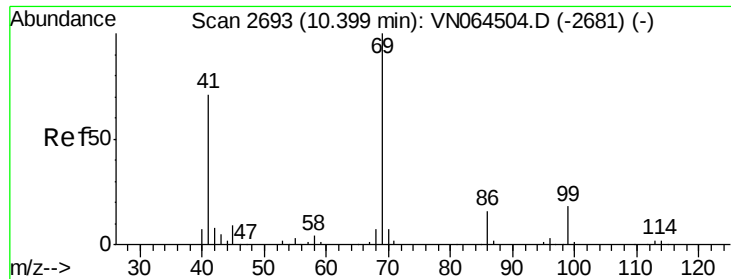


#50

1,1,2-Trichloroethane
 Concen: 20.835 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN064518.D
 Acq: 10 Nov 2020 11:40

Tgt Ion	Ratio	Lower	Upper
97	100		
83	93.5	74.2	111.4
85	56.4	44.8	67.2
99	60.6	50.5	75.7

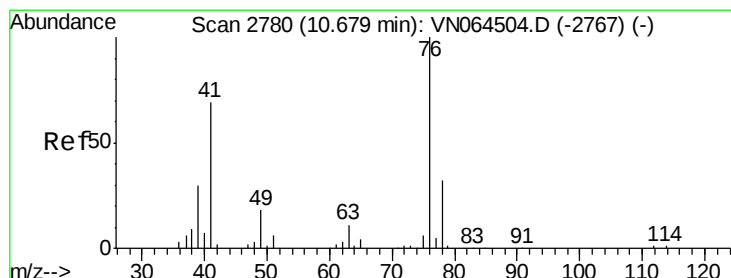
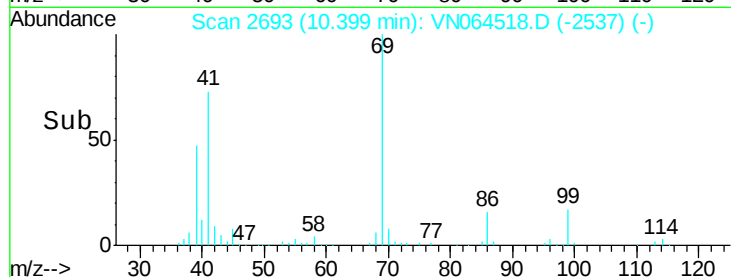
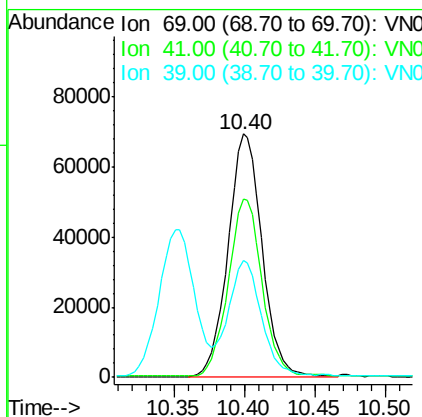
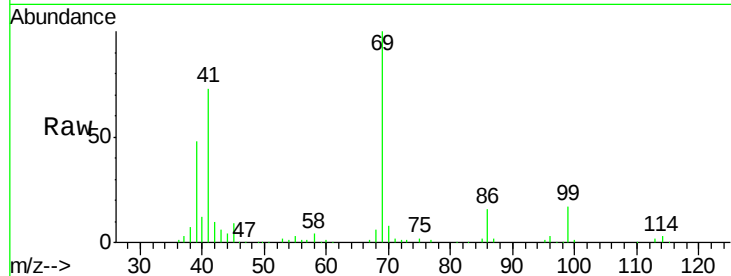




#51
Ethyl methacrylate
Concen: 20.013 ug/l
RT: 10.40 min Scan# 2693
Delta R.T. 0.00 min
Lab File: VN064518.D
Acq: 10 Nov 2020 11:40

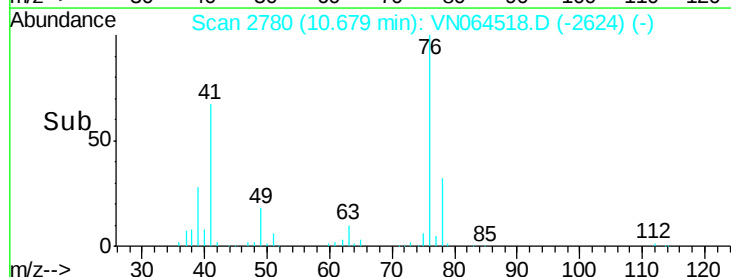
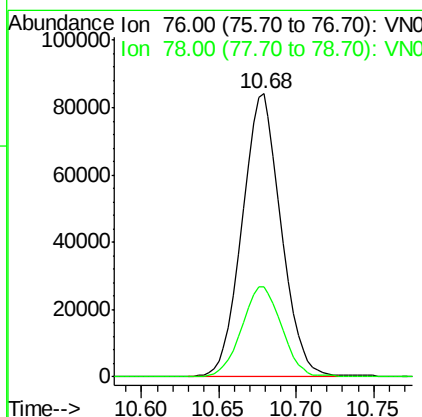
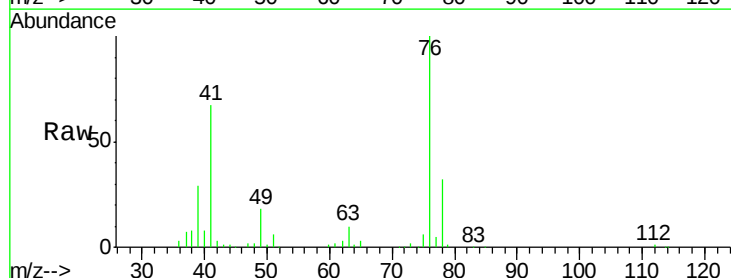
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

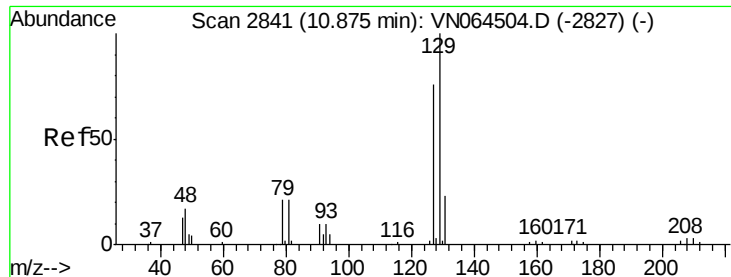
Tot Ion: 69 Resp: 117836
Ion Ratio Lower Upper
69 100
41 72.5 35.4 106.1
39 47.4 24.1 72.2



#52
1,3-Dichloropropane
Concen: 20.895 ug/l
RT: 10.68 min Scan# 2780
Delta R.T. 0.00 min
Lab File: VN064518.D
Acq: 10 Nov 2020 11:40

Tgt Ion: 76 Resp: 147494
Ion Ratio Lower Upper
76 100
78 32.6 0.0 65.2

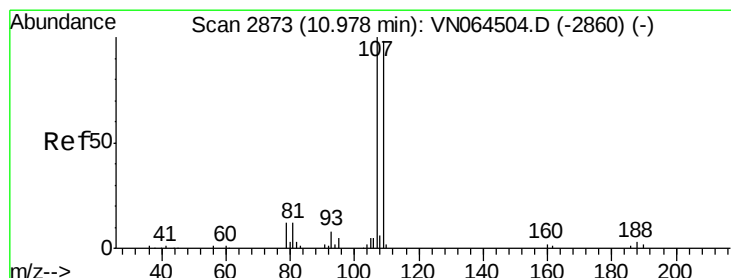
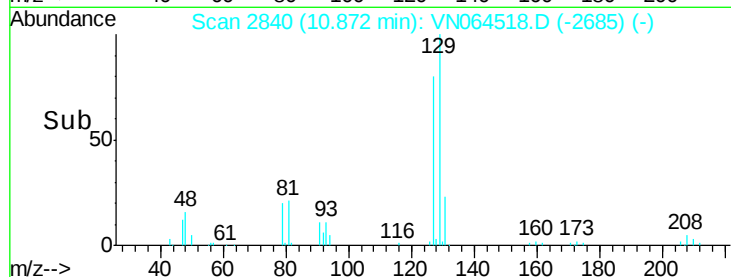
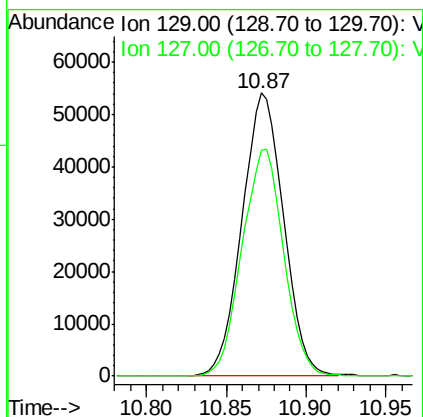
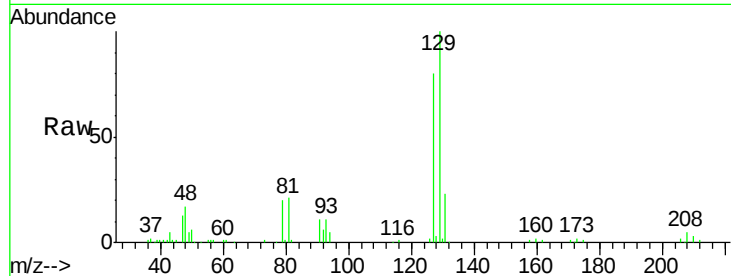




#53
Dibromochloromethane
Concen: 20.482 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064518.D
Acq: 10 Nov 2020 11:40

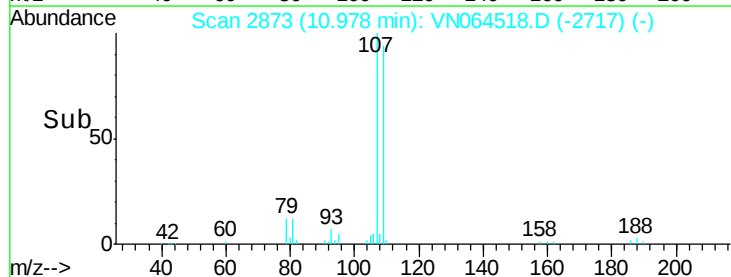
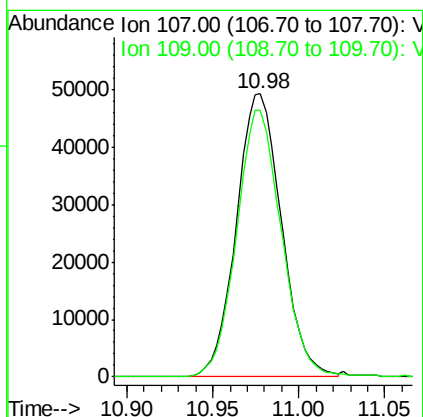
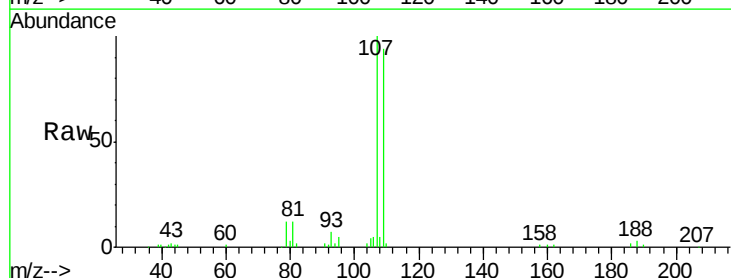
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

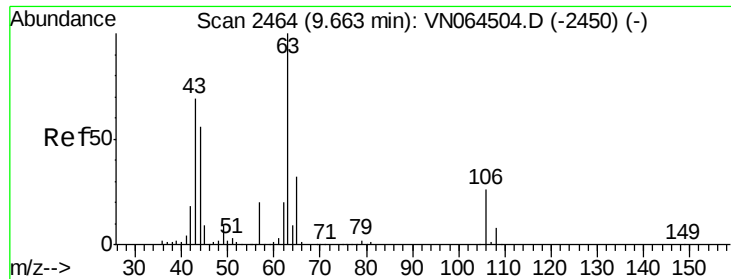
Tot Ion:129 Resp: 96380
Ion Ratio Lower Upper
129 100
127 80.0 39.1 117.2



#54
1,2-Dibromoethane
Concen: 21.332 ug/l
RT: 10.98 min Scan# 2873
Delta R.T. 0.00 min
Lab File: VN064518.D
Acq: 10 Nov 2020 11:40

Tgt Ion:107 Resp: 89653
Ion Ratio Lower Upper
107 100
109 93.7 77.2 115.8

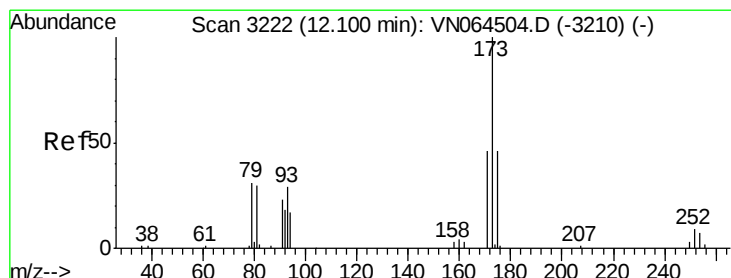
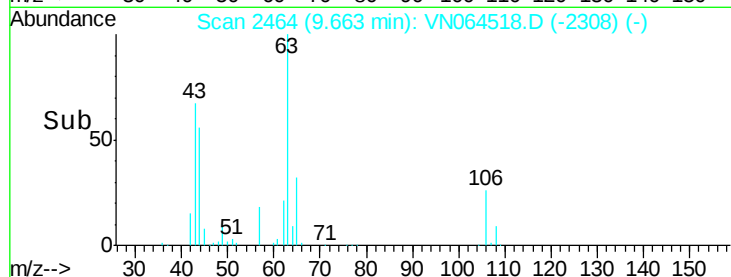
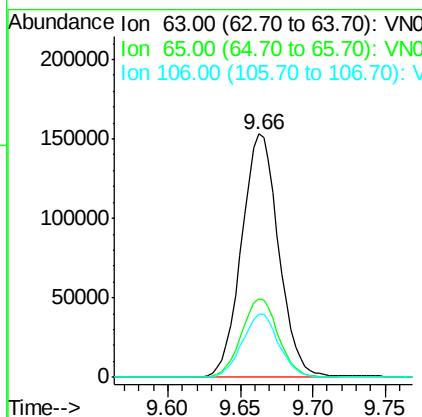
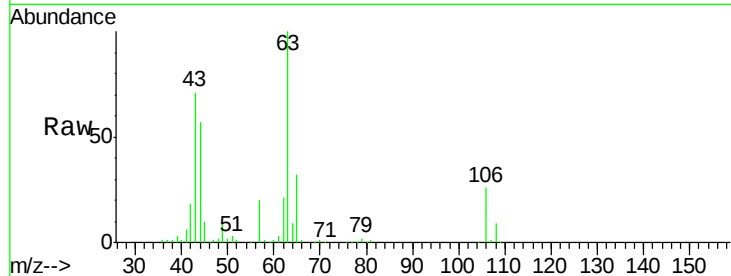




#55
2-Chloroethyl vinyl ether
Concen: 88.598 ug/l
RT: 9.66 min Scan# 2464
Delta R.T. 0.00 min
Lab File: VN064518.D
Acq: 10 Nov 2020 11:40

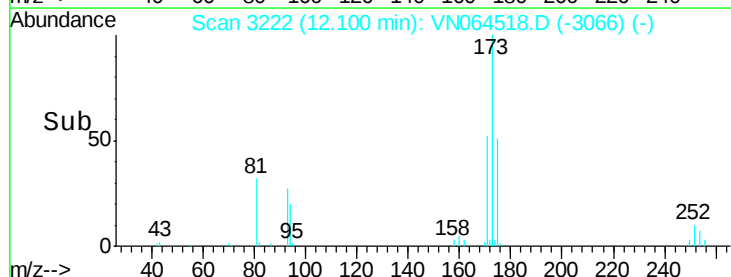
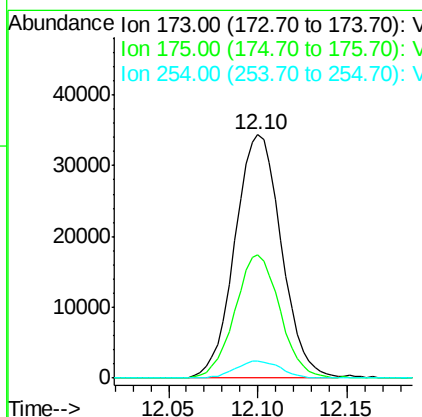
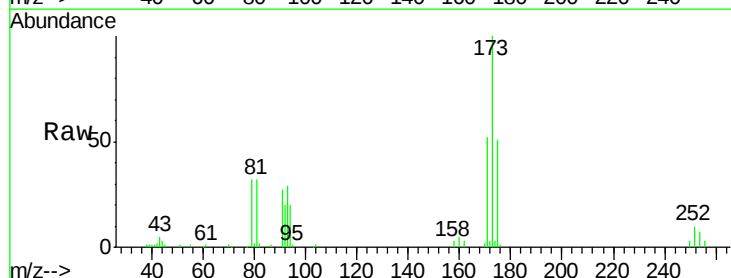
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

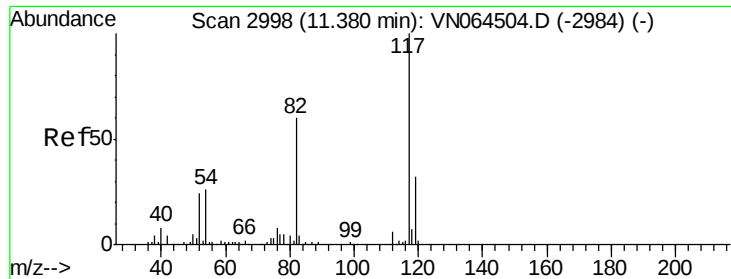
Tot Ion: 63 Resp: 272994
Ion Ratio Lower Upper
63 100
65 32.0 25.7 38.5
106 25.7 19.9 29.9



#56
Bromoform
Concen: 20.210 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN064518.D
Acq: 10 Nov 2020 11:40

Tgt Ion: 173 Resp: 62409
Ion Ratio Lower Upper
173 100
175 48.9 37.1 55.7
254 6.7 5.4 8.2

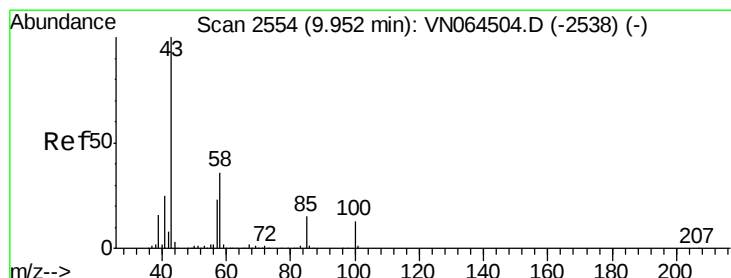
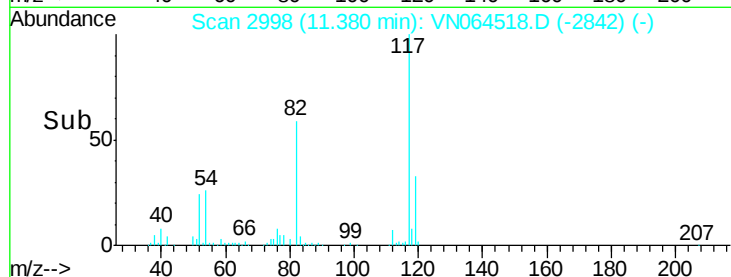
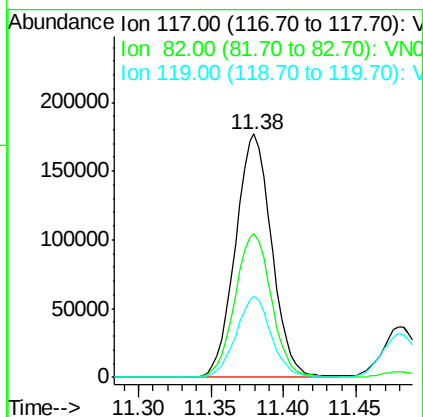
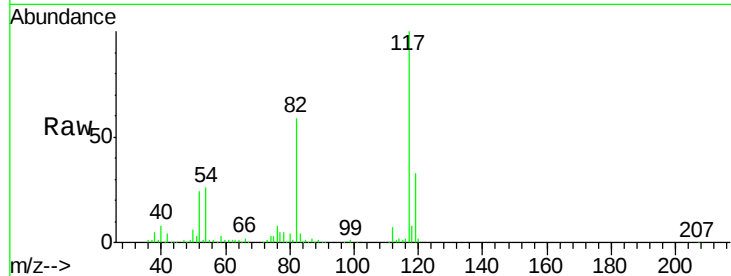




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064518.D
Acq: 10 Nov 2020 11:40

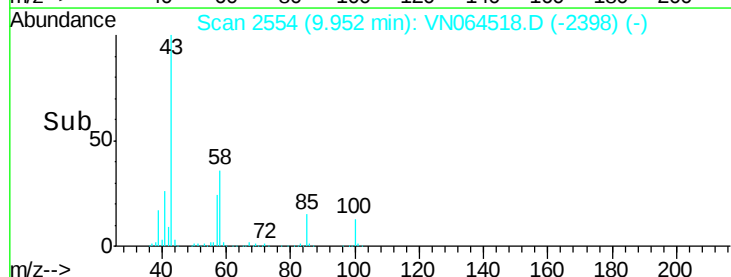
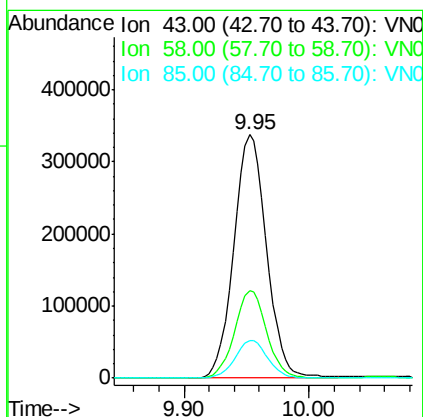
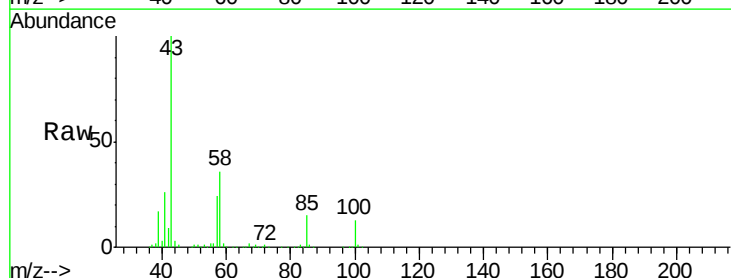
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

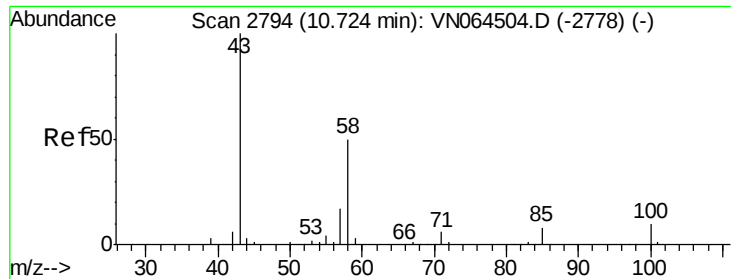
Tot Ion:117 Resp: 307693
Ion Ratio Lower Upper
117 100
82 59.4 47.8 71.8
119 32.1 25.7 38.5



#58
4-Methyl-2-Pentanone
Concen: 107.923 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN064518.D
Acq: 10 Nov 2020 11:40

Tgt Ion: 43 Resp: 609815
Ion Ratio Lower Upper
43 100
58 35.2 28.8 43.2
85 15.5 12.3 18.5

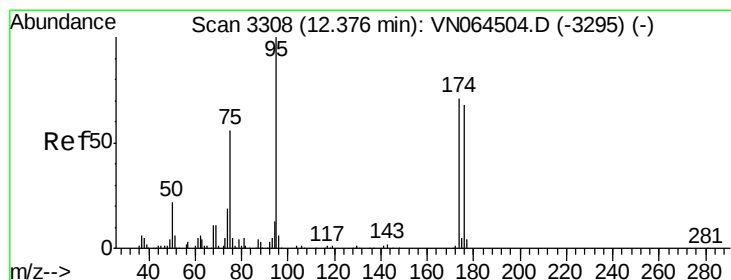
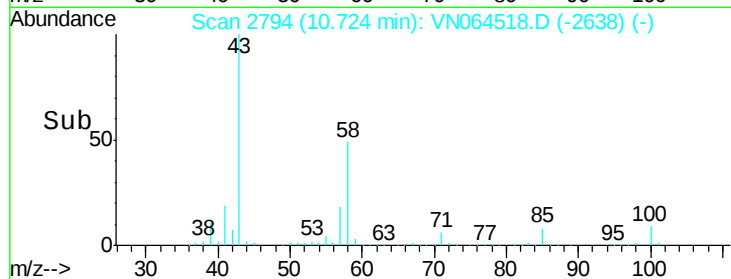
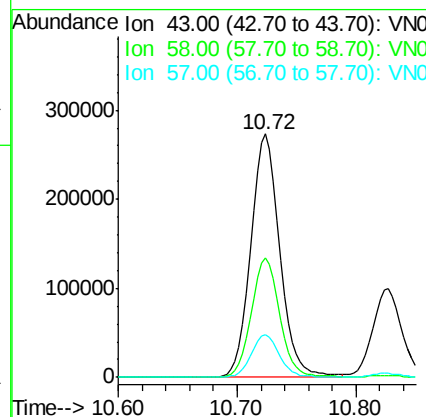
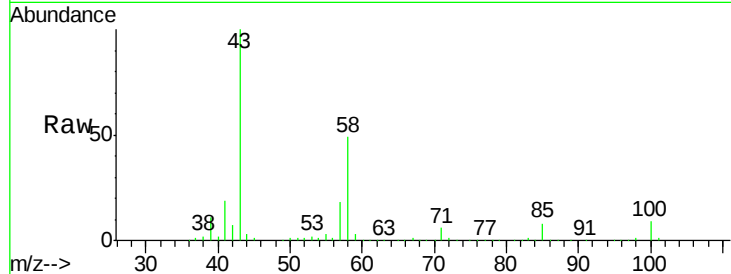




#59
2-Hexanone
Concen: 108.109 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064518.D
Acq: 10 Nov 2020 11:40

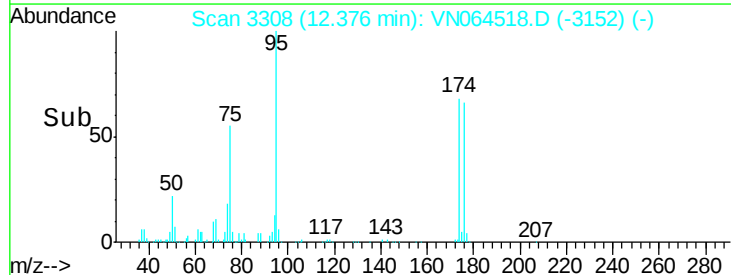
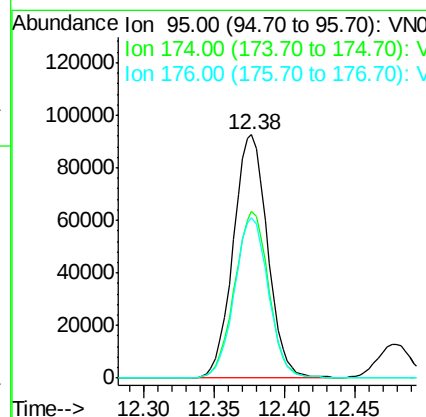
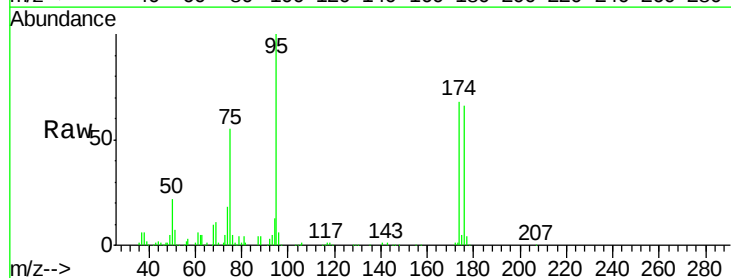
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

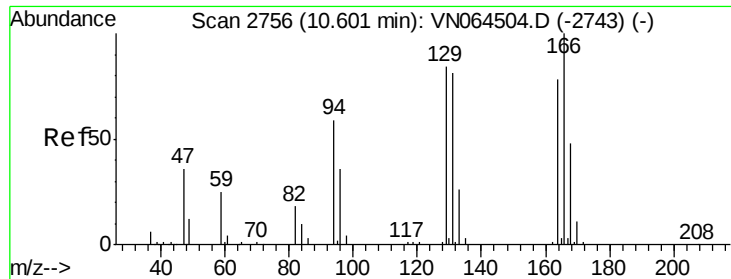
Tot Ion: 43 Resp: 460094
Ion Ratio Lower Upper
43 100
58 48.4 38.2 57.4
57 17.4 13.8 20.8



#60
4-Bromofluorobenzene
Concen: 29.987 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064518.D
Acq: 10 Nov 2020 11:40

Tgt Ion: 95 Resp: 158055
Ion Ratio Lower Upper
95 100
174 68.1 56.4 84.6
176 65.3 53.3 79.9





#61

Tetrachloroethene

Concen: 21.539 ug/l

RT: 10.60 min Scan# 2756

Delta R.T. 0.00 min

Lab File: VN064518.D

Acq: 10 Nov 2020 11:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tot Ion:164 Resp: 82839

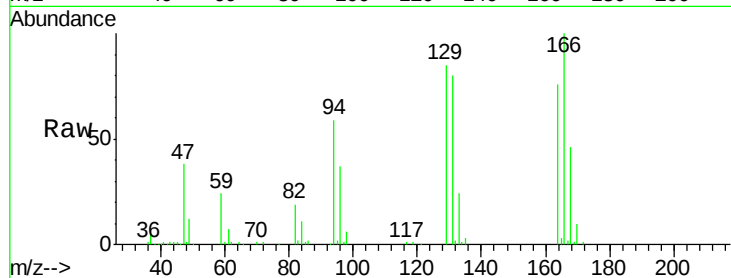
Ion Ratio Lower Upper

164 100

166 132.0 103.2 154.8

129 113.2 86.4 129.6

131 106.4 84.0 126.0

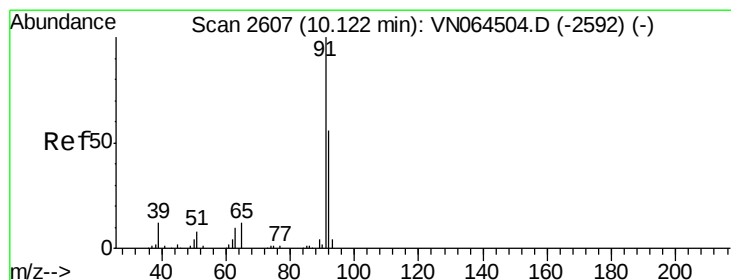
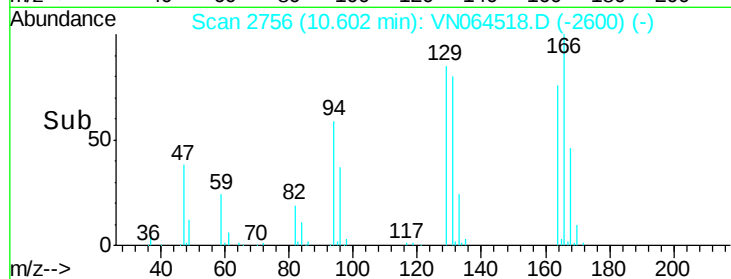
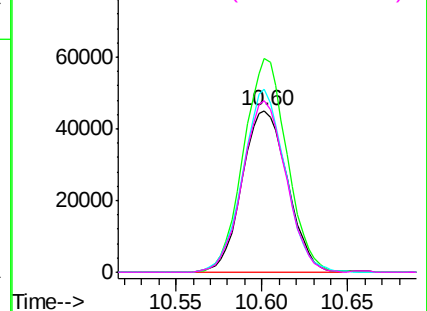


Abundance Ion 163.85 (163.55 to 164.55): V

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: 20.879 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN064518.D

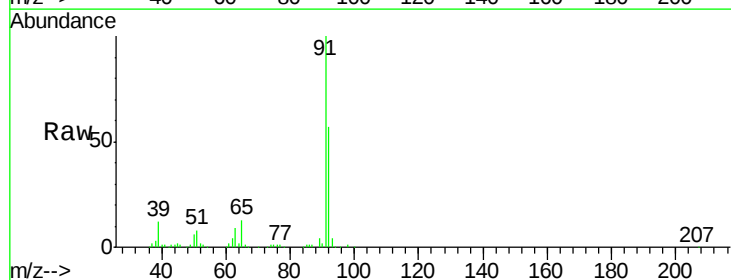
Acq: 10 Nov 2020 11:40

Tgt Ion: 91 Resp: 377278

Ion Ratio Lower Upper

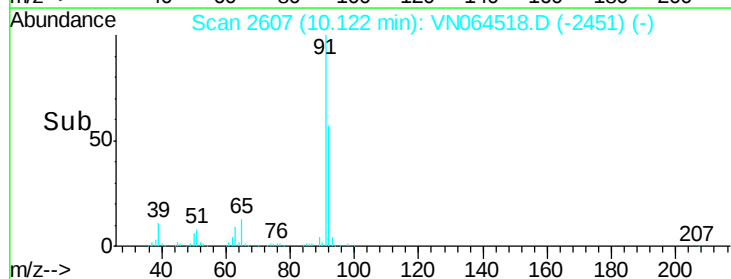
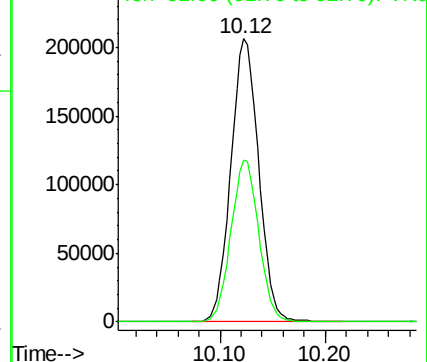
91 100

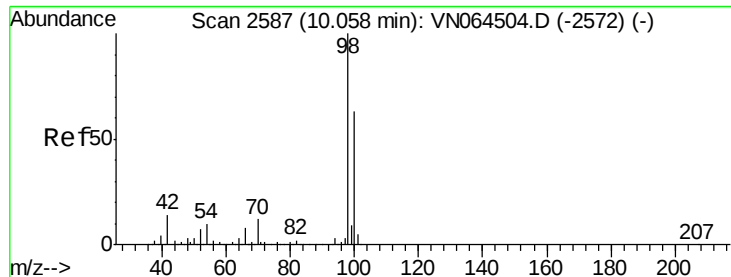
92 57.0 45.4 68.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0





#63

Toluene-d8

Concen: 30.167 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064518.D

Acq: 10 Nov 2020 11:40

Instrument :

MSVOA_N

ClientSampleId :

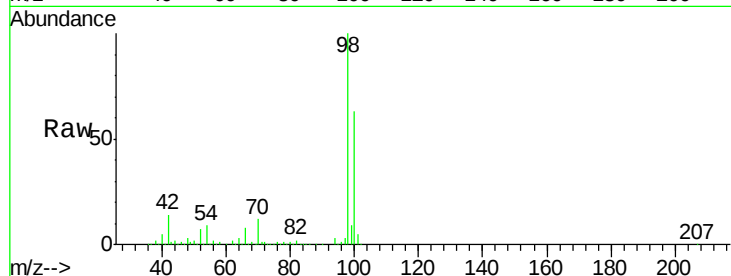
VSTDCCC020

Tot Ion: 98 Resp: 432891

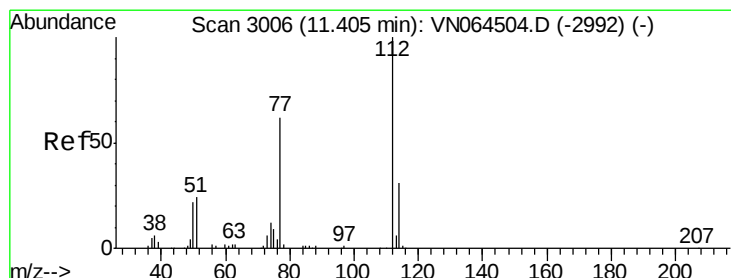
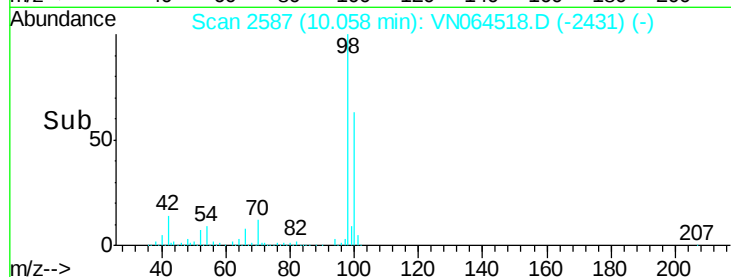
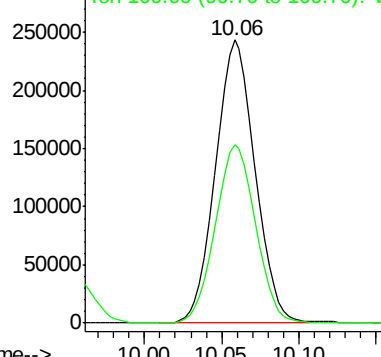
Ion Ratio Lower Upper

98 100

100 64.1 49.4 74.2



Abundance Ion 98.00 (97.70 to 98.70): VN064518.D (-2572) (-)



#64

Chlorobenzene

Concen: 20.752 ug/l

RT: 11.41 min Scan# 3006

Delta R.T. 0.00 min

Lab File: VN064518.D

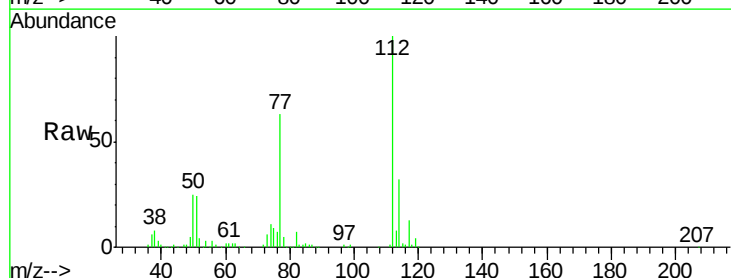
Acq: 10 Nov 2020 11:40

Tgt Ion: 112 Resp: 222901

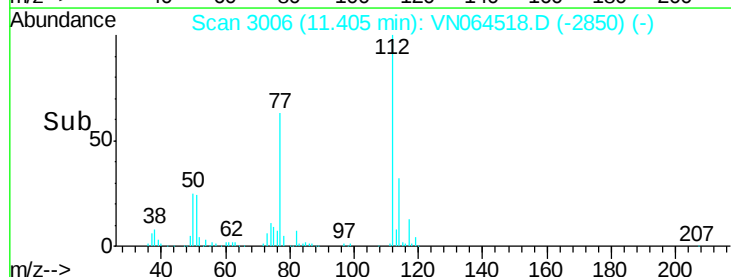
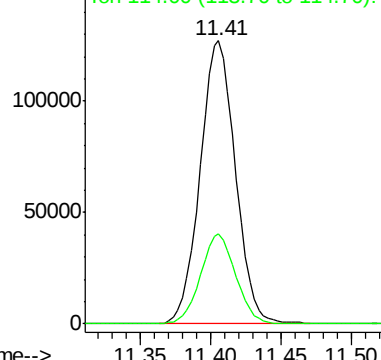
Ion Ratio Lower Upper

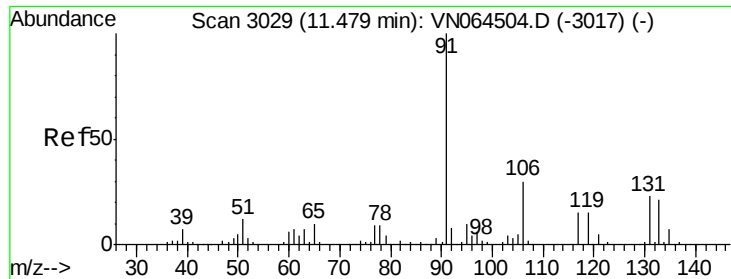
112 100

114 31.7 25.0 37.6



Abundance Ion 112.00 (111.70 to 112.70): VN064518.D (-2850) (-)

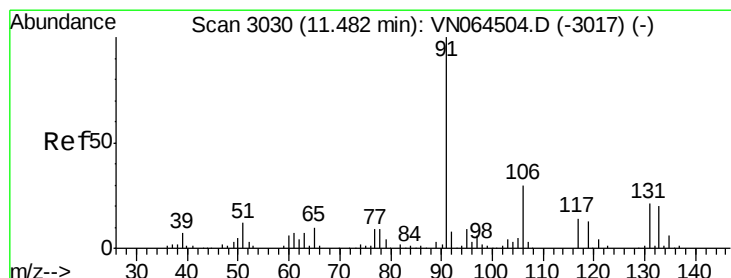
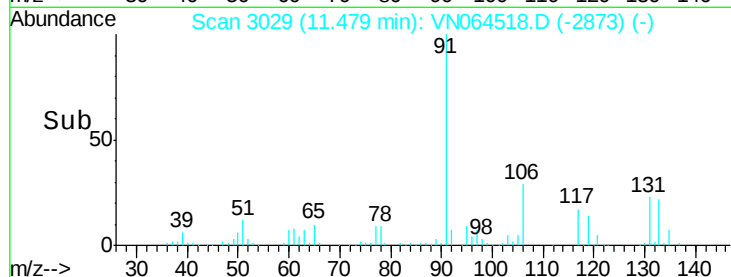
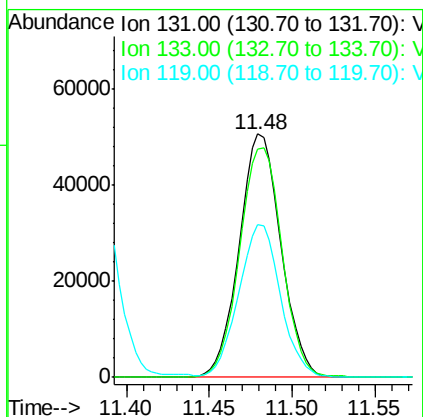
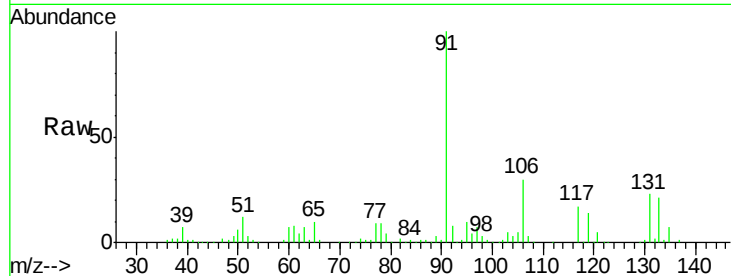




#65
 1,1,1,2-Tetrachloroethane
 Concen: 21.095 ug/l
 RT: 11.48 min Scan# 3029
 Delta R.T. 0.00 min
 Lab File: VN064518.D
 Acq: 10 Nov 2020 11:40

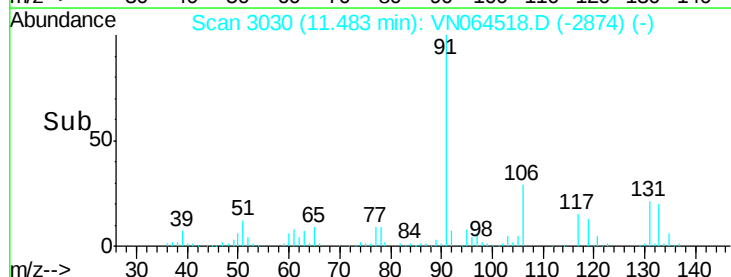
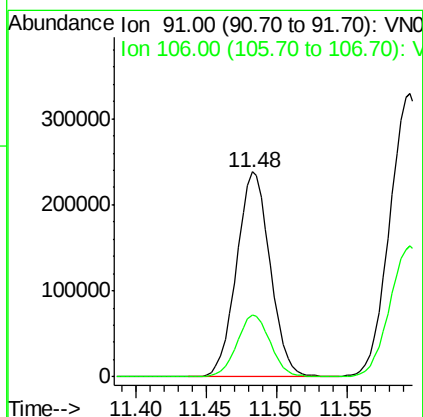
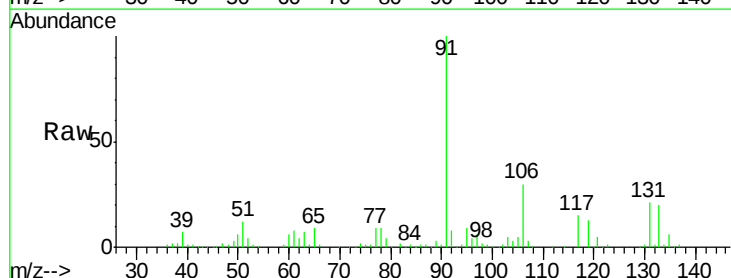
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

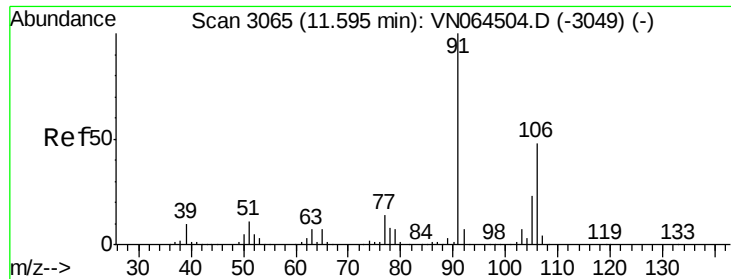
Tot Ion:131 Resp: 88575
 Ion Ratio Lower Upper
 131 100
 133 95.6 0.0 191.2
 119 62.7 0.0 131.6



#66
 Ethyl Benzene
 Concen: 20.441 ug/l
 RT: 11.48 min Scan# 3030
 Delta R.T. 0.00 min
 Lab File: VN064518.D
 Acq: 10 Nov 2020 11:40

Tgt Ion: 91 Resp: 398637
 Ion Ratio Lower Upper
 91 100
 106 30.0 23.9 35.9

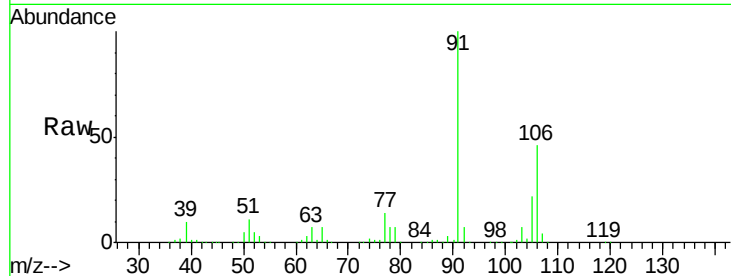




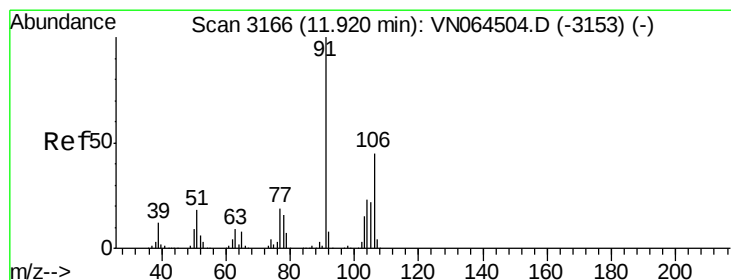
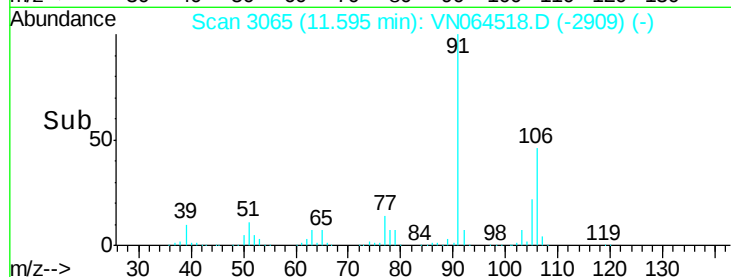
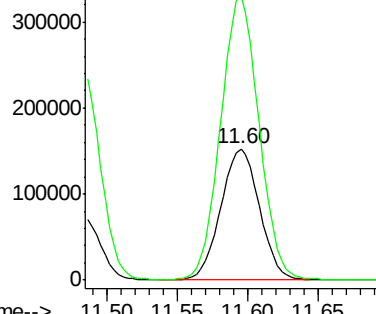
#67
m/p-Xylenes
Concen: 40.796 ug/l
RT: 11.60 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN064518.D
Acq: 10 Nov 2020 11:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion:106 Resp: 293644
Ion Ratio Lower Upper
106 100
91 212.5 168.8 253.2

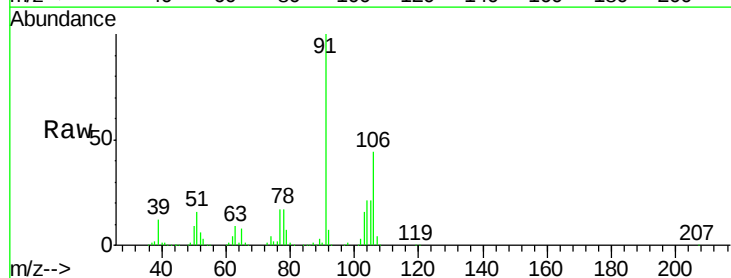


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

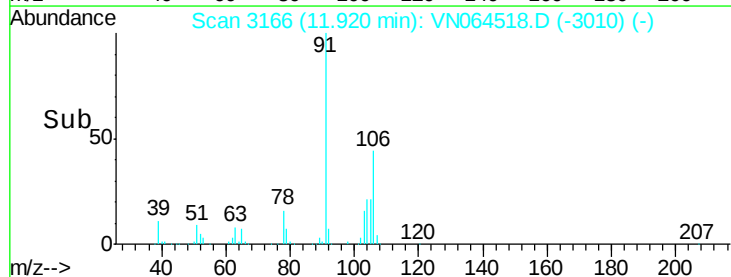
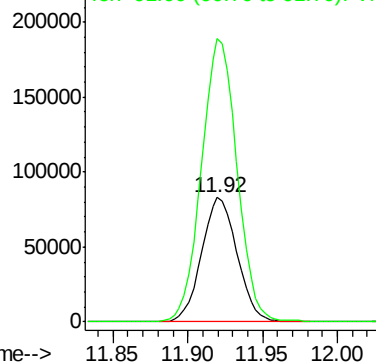


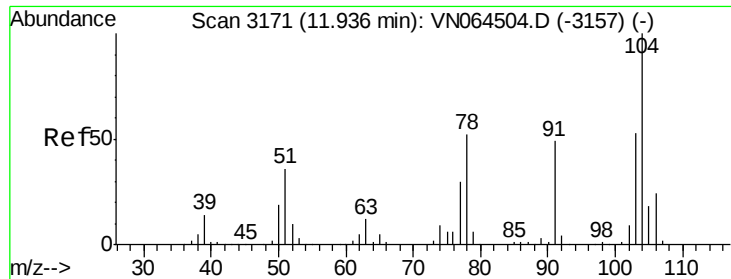
#68
o-Xylene
Concen: 20.161 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN064518.D
Acq: 10 Nov 2020 11:40

Tgt Ion:106 Resp: 137326
Ion Ratio Lower Upper
106 100
91 227.4 109.7 329.2



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

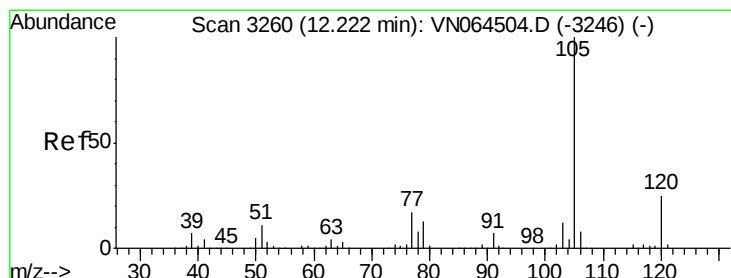
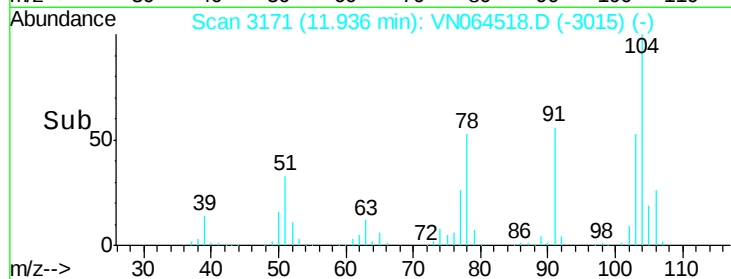
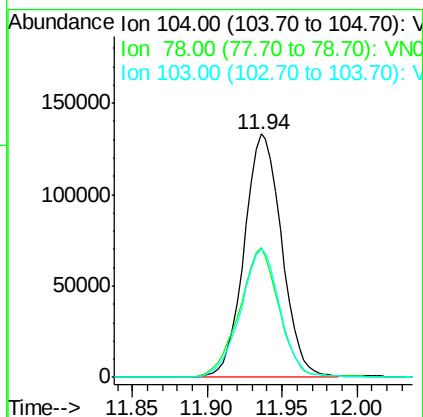
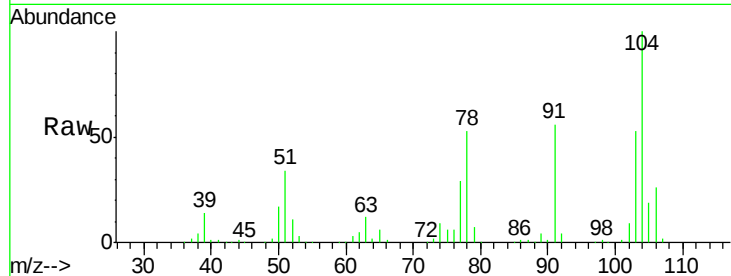




#69
Stvrene
Concen: 19.939 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. 0.00 min
Lab File: VN064518.D
Acq: 10 Nov 2020 11:40

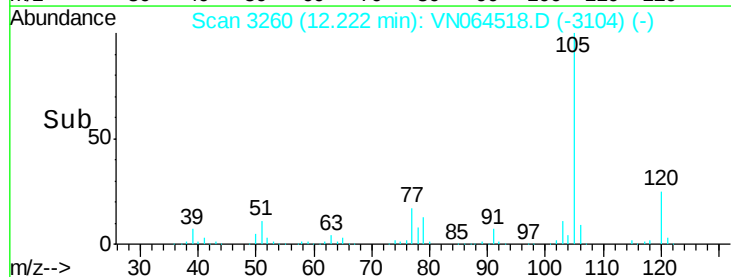
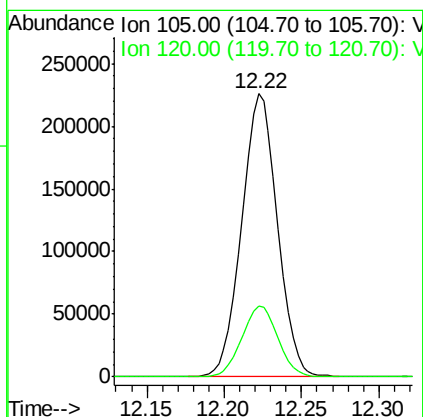
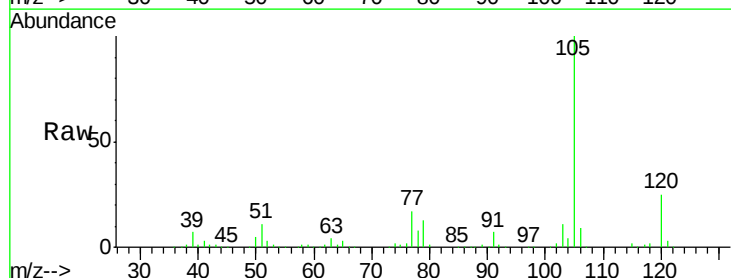
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

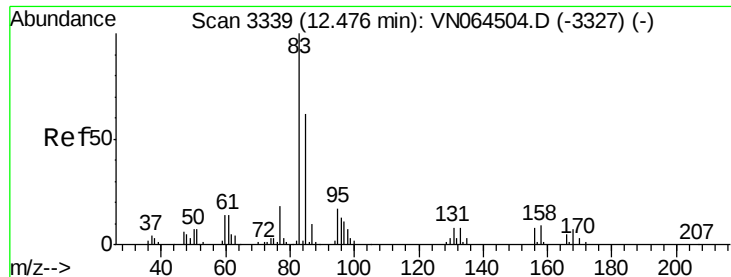
Tot Ion:104 Resp: 232597
Ion Ratio Lower Upper
104 100
78 56.4 44.4 66.6
103 55.3 44.6 67.0



#70
Isopropylbenzene
Concen: 20.366 ug/l
RT: 12.22 min Scan# 3260
Delta R.T. 0.00 min
Lab File: VN064518.D
Acq: 10 Nov 2020 11:40

Tgt Ion:105 Resp: 363103
Ion Ratio Lower Upper
105 100
120 25.2 17.9 33.3

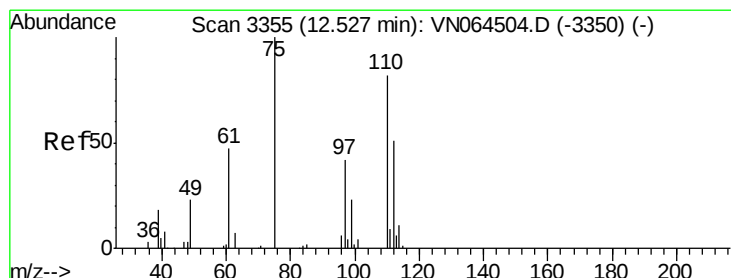
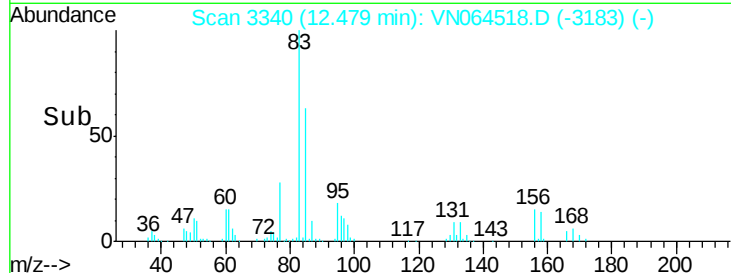
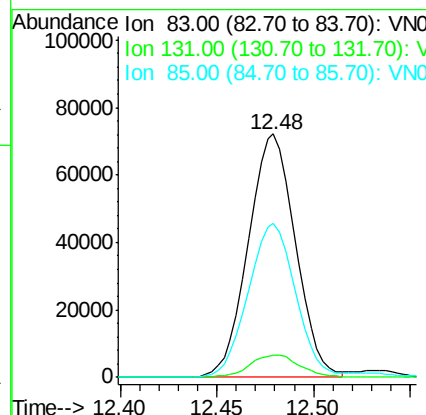
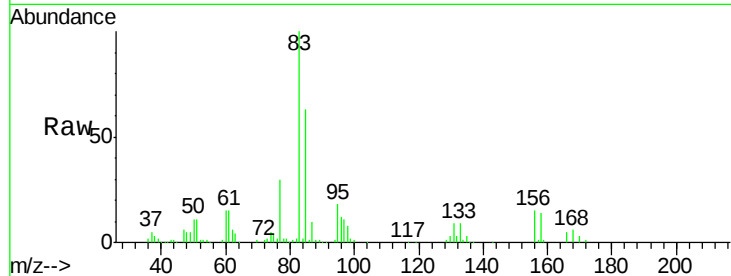




#71
 1,1,2,2-Tetrachloroethane
 Concen: 21.423 ug/l
 RT: 12.48 min Scan# 3340
 Delta R.T. 0.00 min
 Lab File: VN064518.D
 Acq: 10 Nov 2020 11:40

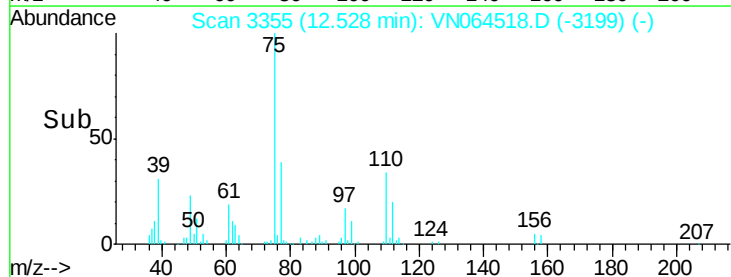
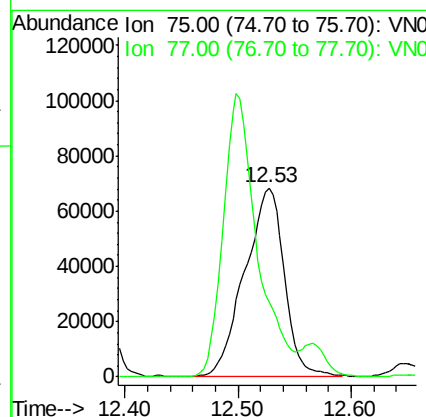
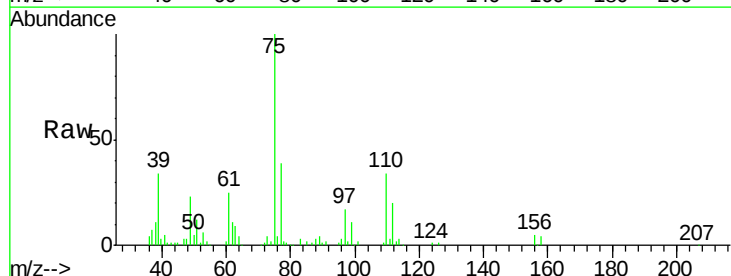
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

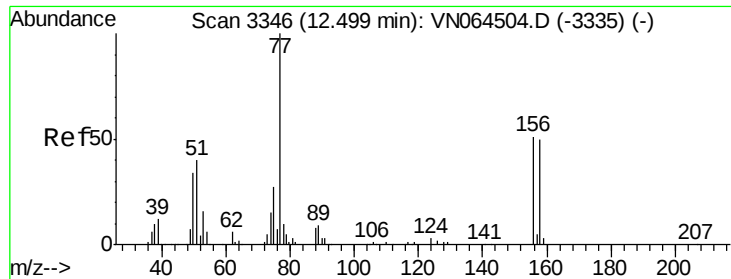
Tot Ion	83	Resp	122316
Ion Ratio	100	Lower	Upper
83	100		
131	9.7	4.6	13.8
85	63.8	31.4	94.0



#72
 1,2,3-Trichloropropane
 Concen: 29.340 ug/l
 RT: 12.53 min Scan# 3355
 Delta R.T. 0.00 min
 Lab File: VN064518.D
 Acq: 10 Nov 2020 11:40

Tgt Ion	75	Resp	167071
Ion Ratio	100	Lower	Upper
75	100		
77	128.2	0.0	379.4





#73

Bromobenzene

Concen: 20.066 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064518.D

Acq: 10 Nov 2020 11:40

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC020

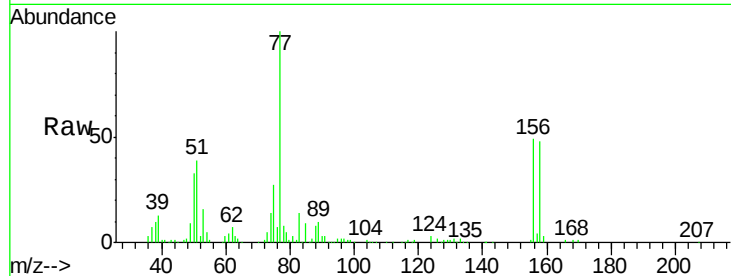
Tot Ion:156 Resp: 88500

Ion Ratio Lower Upper

156 100

77 242.0 0.0 480.2

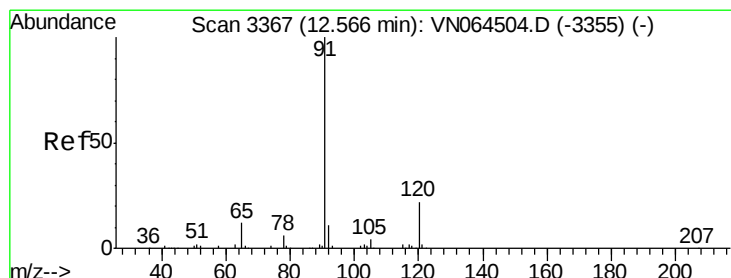
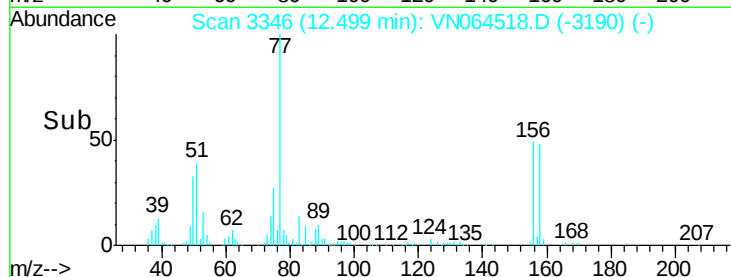
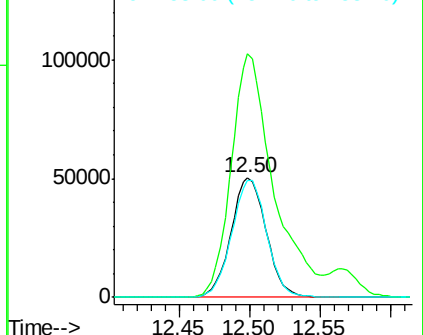
158 97.2 0.0 194.0



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VN

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 20.616 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064518.D

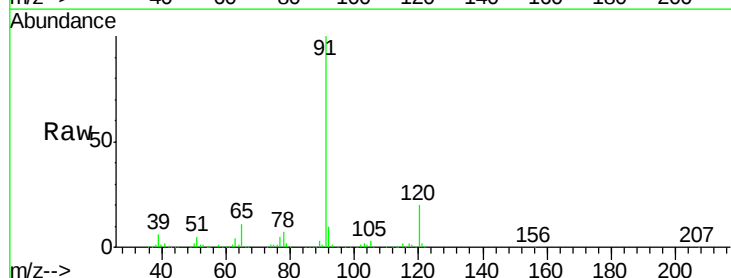
Acq: 10 Nov 2020 11:40

Tgt Ion: 91 Resp: 432342

Ion Ratio Lower Upper

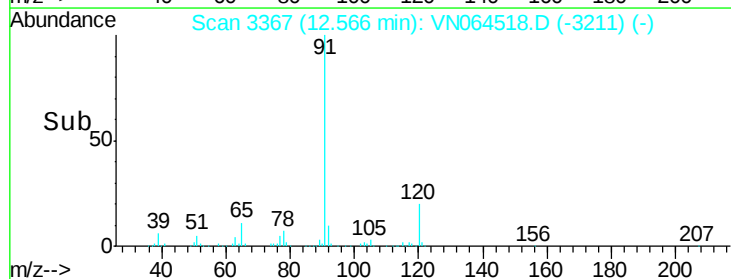
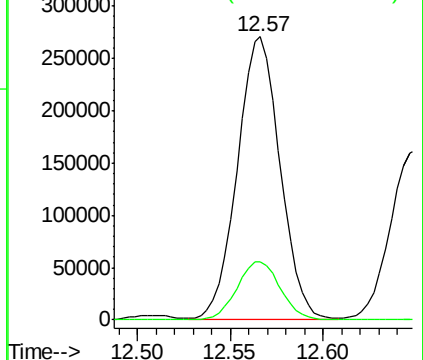
91 100

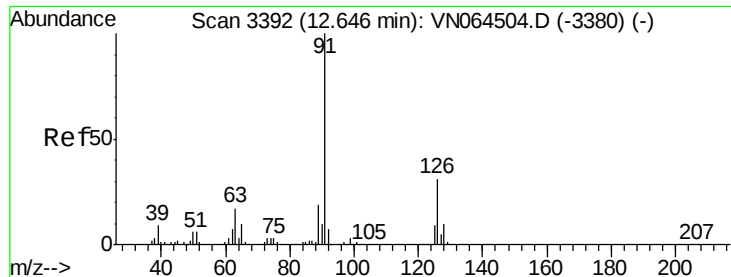
120 20.8 0.0 42.8



Abundance Ion 91.00 (90.70 to 91.70): VN

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 20.389 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN064518.D

Acq: 10 Nov 2020 11:40

Instrument :

MSVOA_N

ClientSampleId :

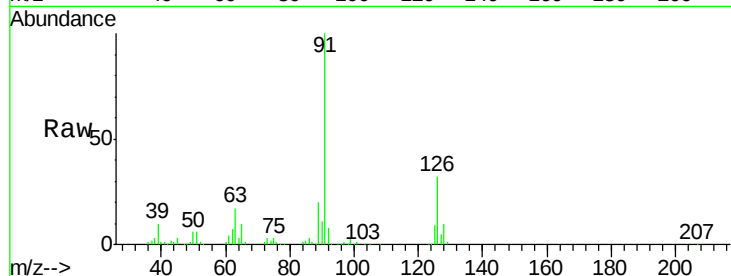
VSTDCCC020

Tot Ion: 91 Resp: 268847

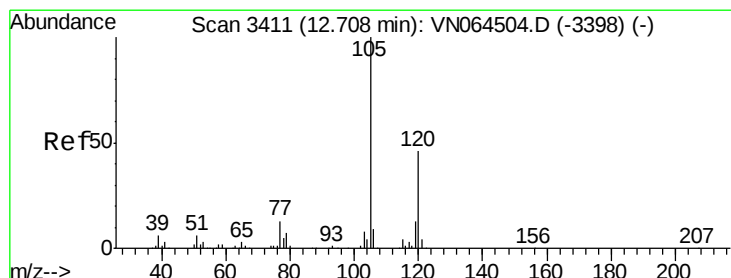
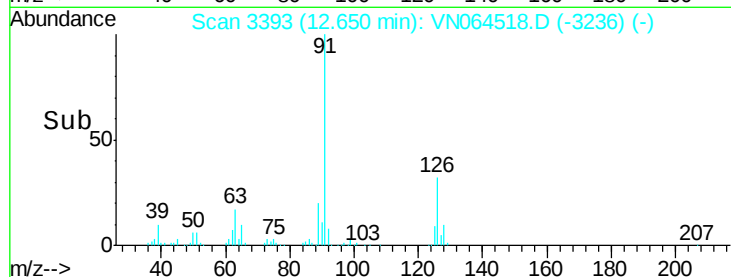
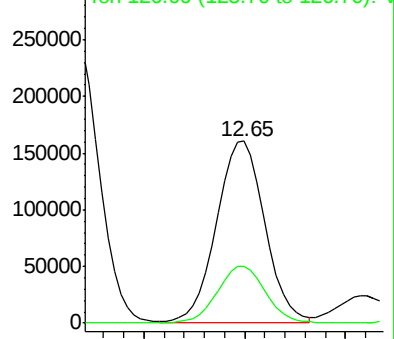
Ion Ratio Lower Upper

91 100

126 31.3 0.0 61.8



Abundance Ion 91.00 (90.70 to 91.70): VN064518.D (-3236) (-)



#76

1,3,5-Trimethylbenzene

Concen: 20.554 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN064518.D

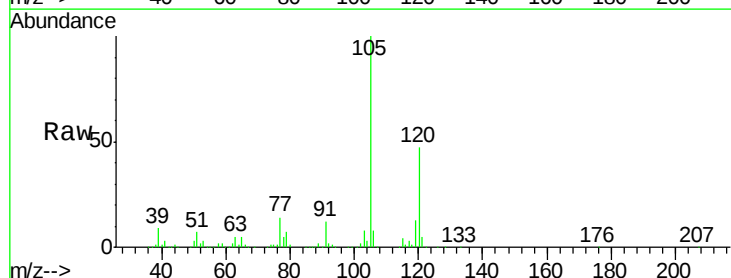
Acq: 10 Nov 2020 11:40

Tgt Ion: 105 Resp: 309348

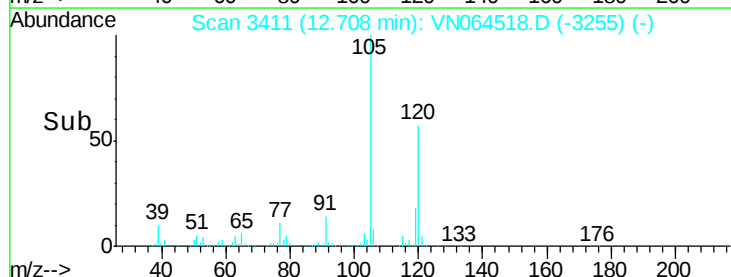
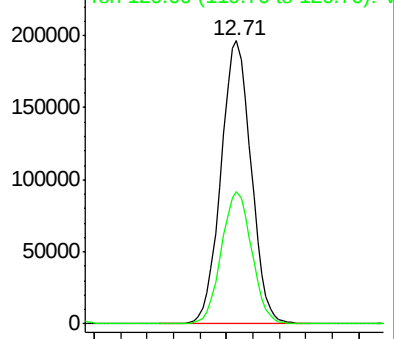
Ion Ratio Lower Upper

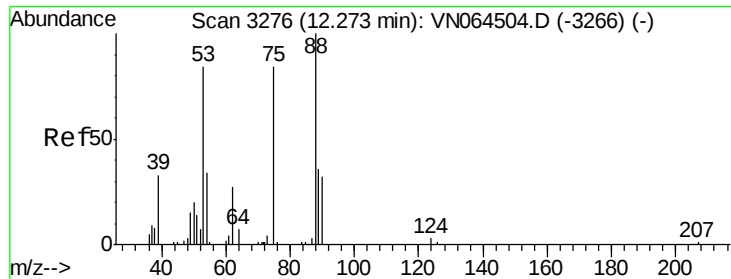
105 100

120 47.4 0.0 90.4



Abundance Ion 105.00 (104.70 to 105.70): VN064518.D (-3255) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 19.875 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN064518.D

Acq: 10 Nov 2020 11:40

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC020

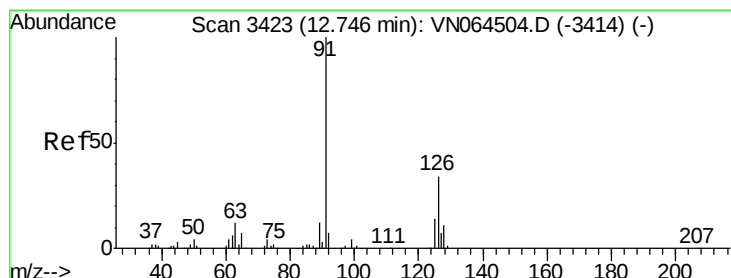
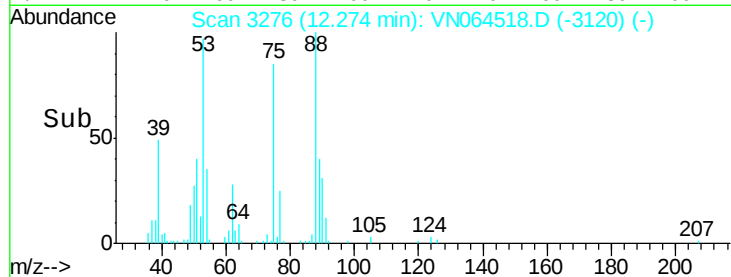
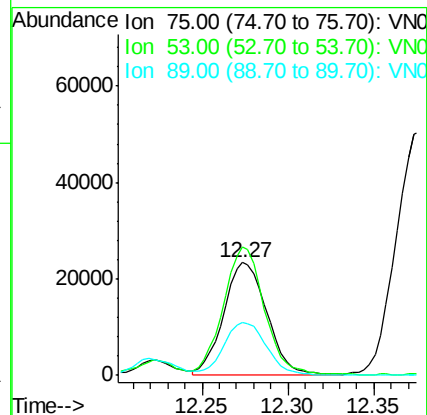
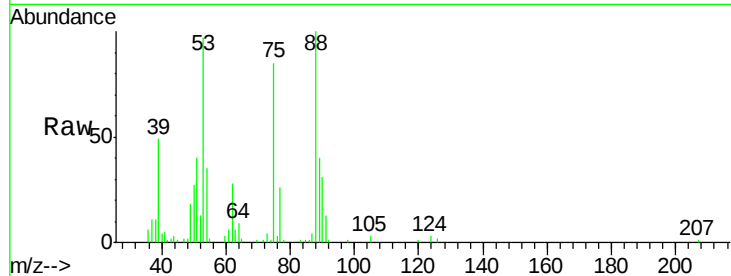
Tot Ion: 75 Resp: 41263

Ion Ratio Lower Upper

75 100

53 113.7 50.3 150.9

89 47.3 23.3 69.8



#78

4-Chlorotoluene

Concen: 20.218 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN064518.D

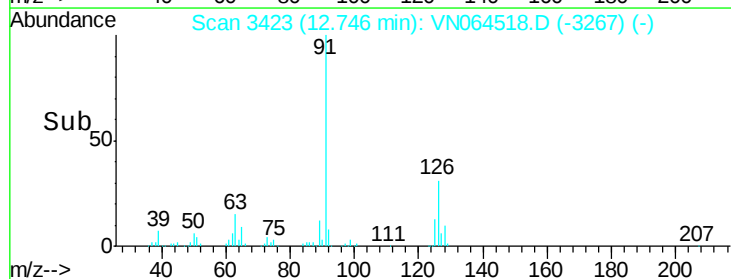
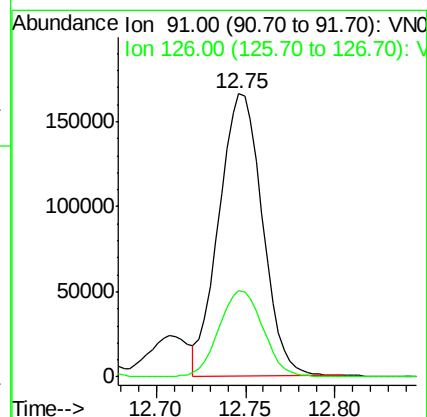
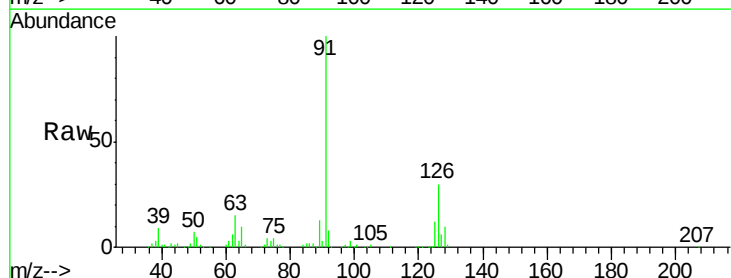
Acq: 10 Nov 2020 11:40

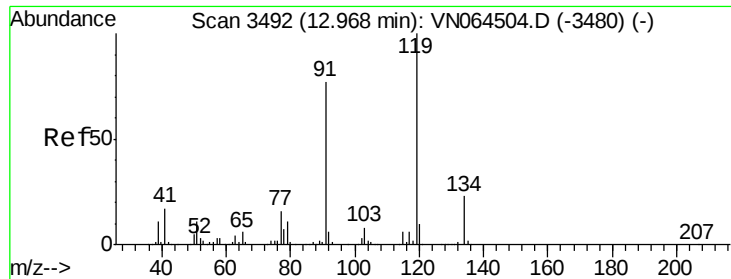
Tgt Ion: 91 Resp: 280120

Ion Ratio Lower Upper

91 100

126 31.4 0.0 61.8

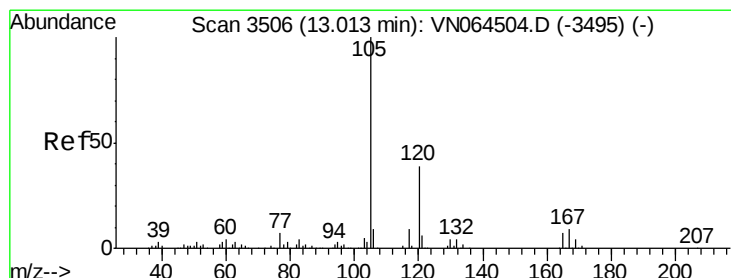
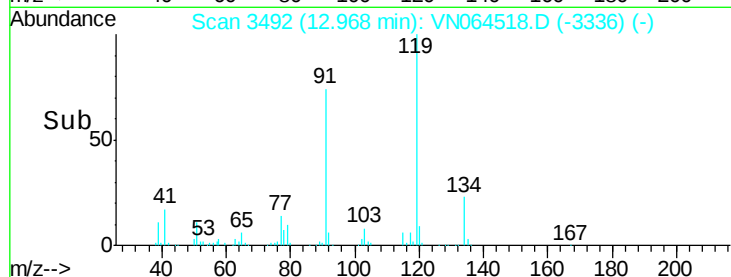
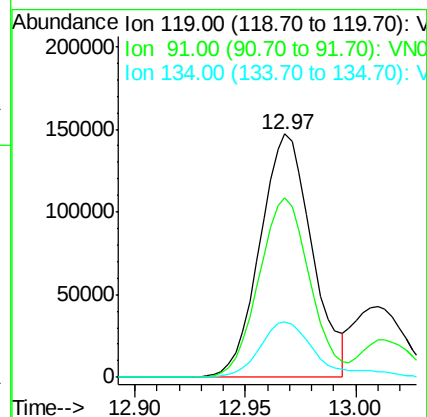
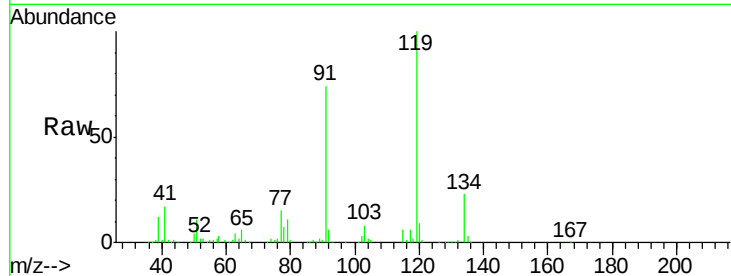




#79
tert-butylbenzene
Concen: 20.396 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. 0.00 min
Lab File: VN064518.D
Acq: 10 Nov 2020 11:40

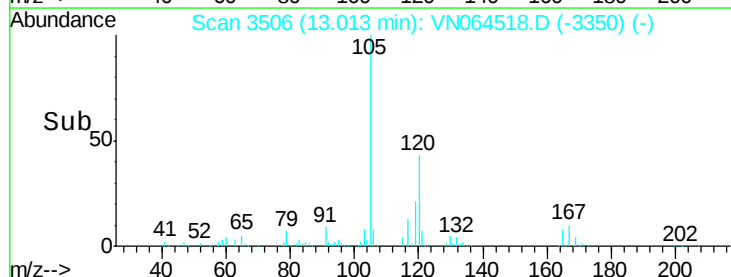
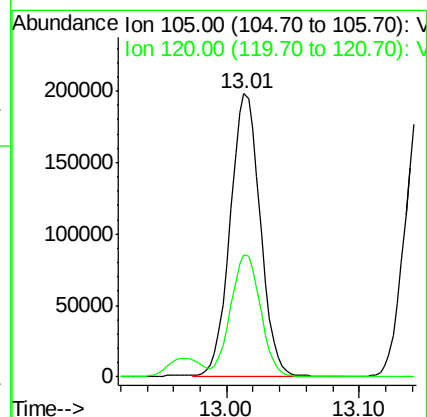
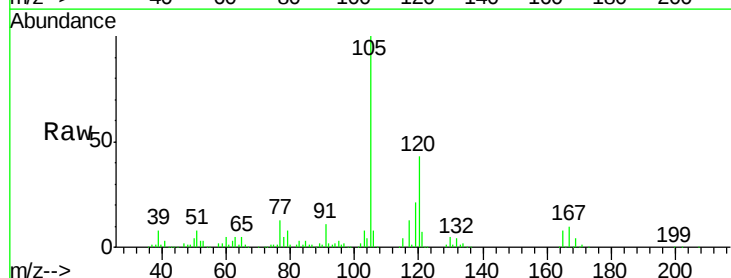
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

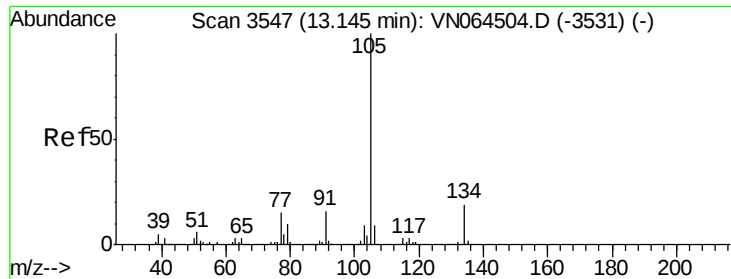
Tot Ion:119 Resp: 240908
Ion Ratio Lower Upper
119 100
91 72.3 0.0 147.8
134 22.9 0.0 50.6



#80
1,2,4-Trimethylbenzene
Concen: 20.617 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. 0.00 min
Lab File: VN064518.D
Acq: 10 Nov 2020 11:40

Tgt Ion:105 Resp: 312697
Ion Ratio Lower Upper
105 100
120 42.7 0.0 88.6

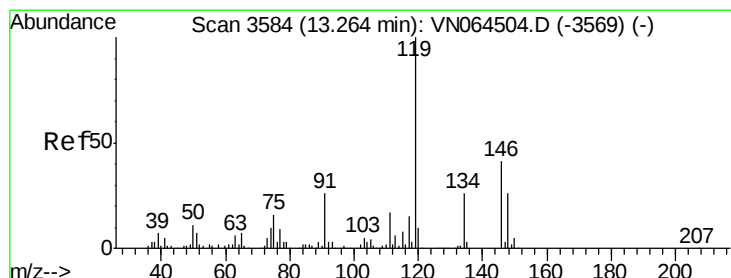
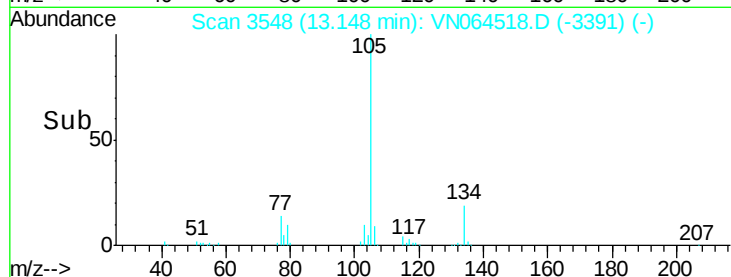
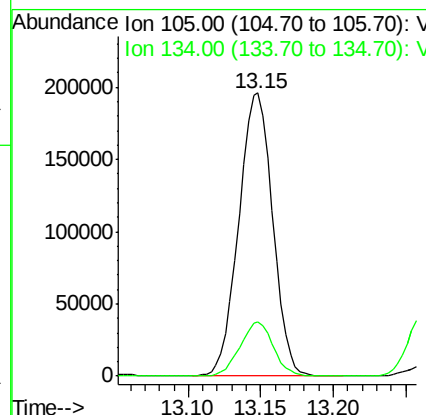
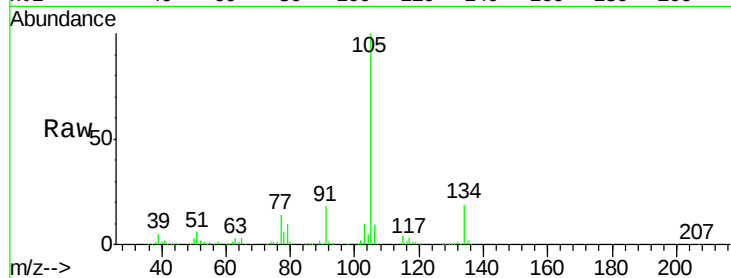




#81
 sec-Butylbenzene
 Concen: 20.214 ug/l
 RT: 13.15 min Scan# 3548
 Delta R.T. 0.00 min
 Lab File: VN064518.D
 Acq: 10 Nov 2020 11:40

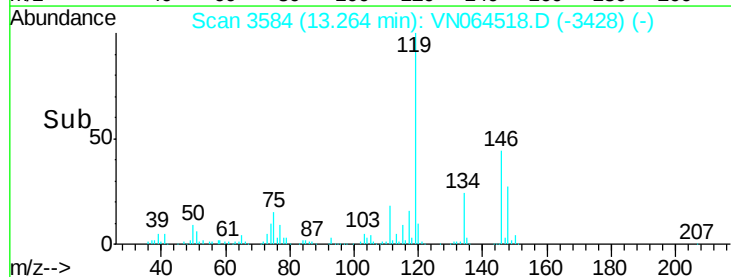
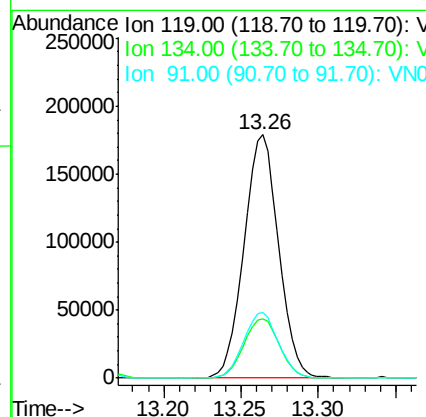
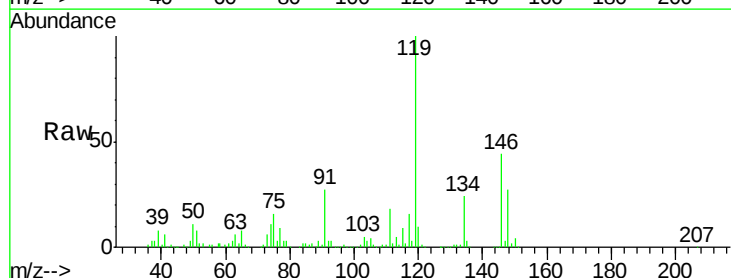
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

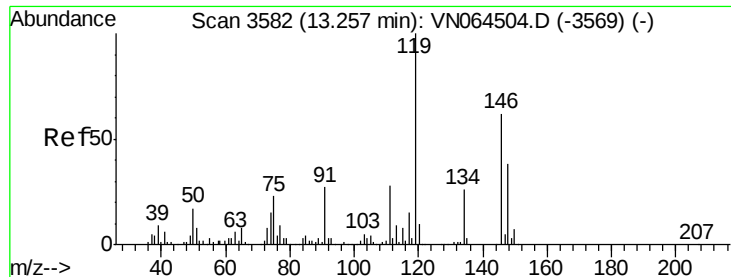
Tot Ion:105 Resp: 316497
 Ion Ratio Lower Upper
 105 100
 134 18.8 0.0 37.8



#82
 p-Isopropyltoluene
 Concen: 19.898 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN064518.D
 Acq: 10 Nov 2020 11:40

Tgt Ion:119 Resp: 278321
 Ion Ratio Lower Upper
 119 100
 134 25.2 0.0 53.0
 91 26.7 0.0 53.2

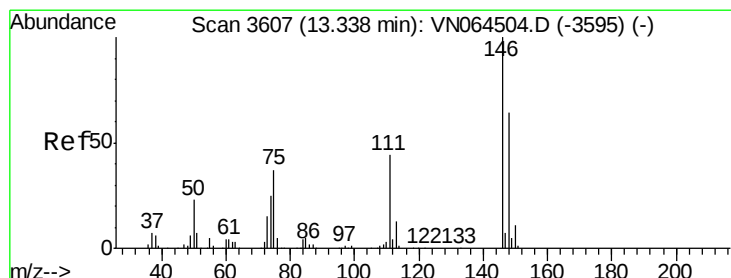
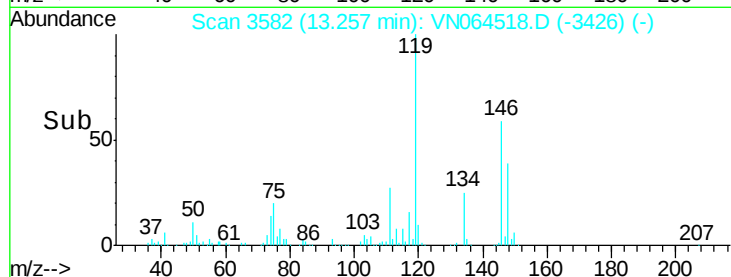
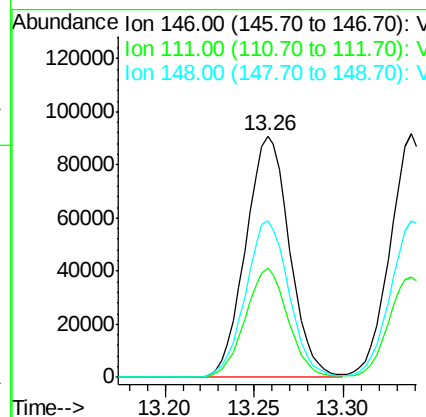
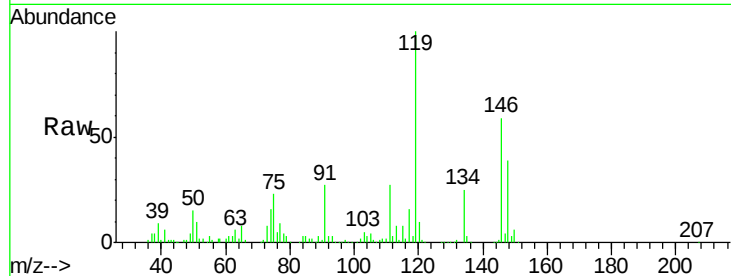




#83
 1,3-Dichlorobenzene
 Concen: 20.055 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064518.D
 Acq: 10 Nov 2020 11:40

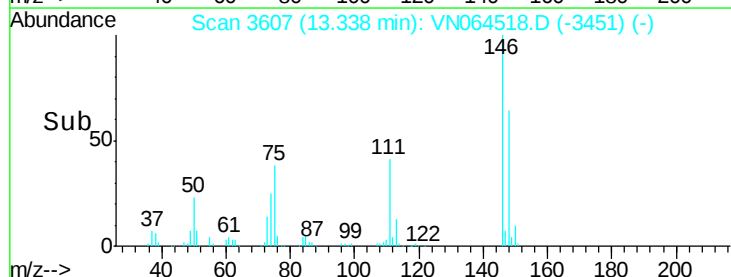
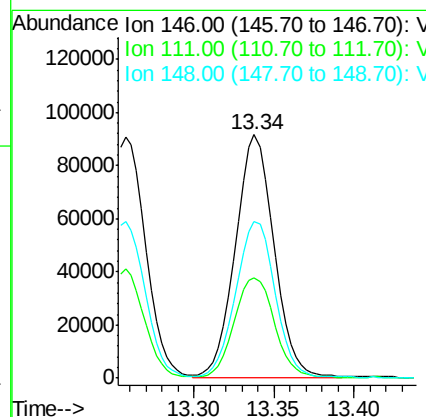
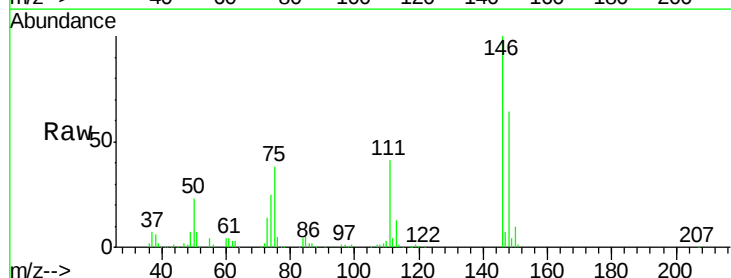
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

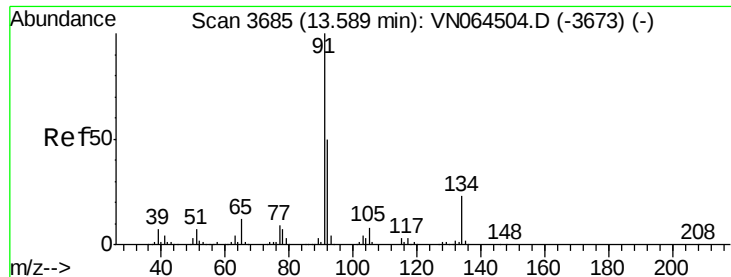
Tot Ion:146 Resp: 155600
 Ion Ratio Lower Upper
 146 100
 111 44.0 22.3 66.9
 148 64.3 31.8 95.3



#84
 1,4-Dichlorobenzene
 Concen: 19.534 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064518.D
 Acq: 10 Nov 2020 11:40

Tgt Ion:146 Resp: 150746
 Ion Ratio Lower Upper
 146 100
 111 42.5 21.8 65.4
 148 65.4 31.5 94.5





#85

n-Butylbenzene

Concen: 19.649 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. 0.00 min

Lab File: VN064518.D

Acq: 10 Nov 2020 11:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

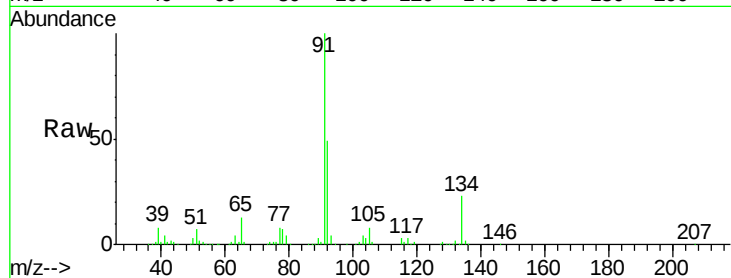
Tot Ion: 91 Resp: 238269

Ion Ratio Lower Upper

91 100

92 48.9 0.0 101.4

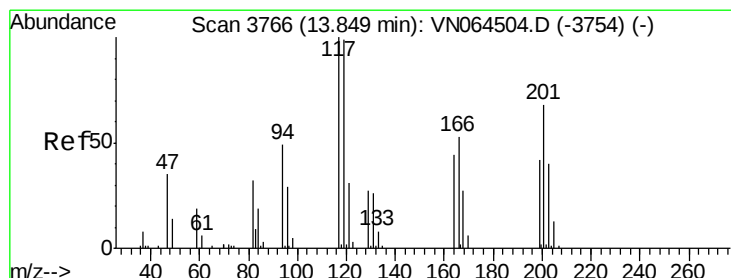
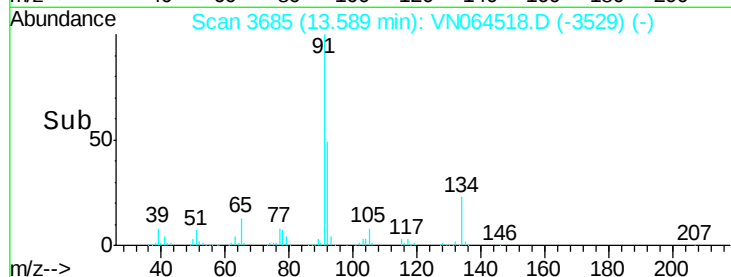
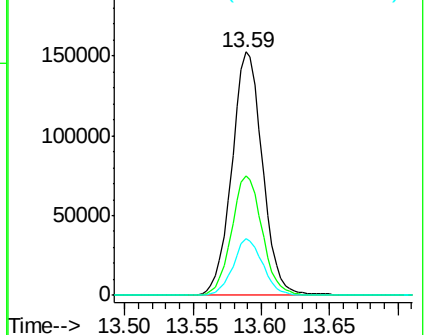
134 22.4 0.0 45.2



Abundance Ion 91.00 (90.70 to 91.70): VN064518.D (-3673) (-)

Ion 92.00 (91.70 to 92.70): VN064518.D (-3673) (-)

Ion 134.00 (133.70 to 134.70): VN064518.D (-3673) (-)



#86

Hexachloroethane

Concen: 20.420 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. 0.00 min

Lab File: VN064518.D

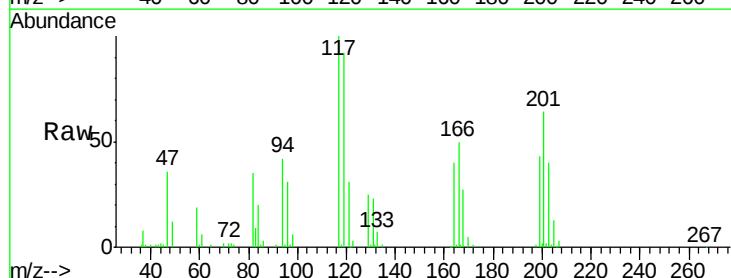
Acq: 10 Nov 2020 11:40

Tgt Ion: 117 Resp: 56915

Ion Ratio Lower Upper

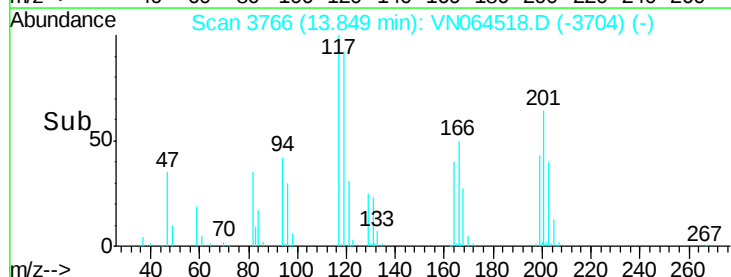
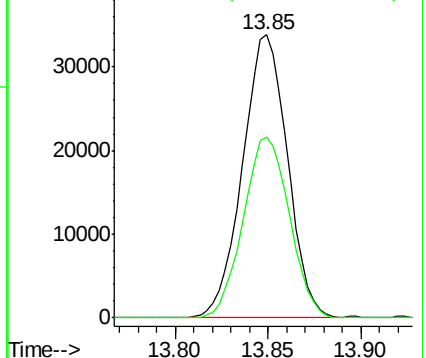
117 100

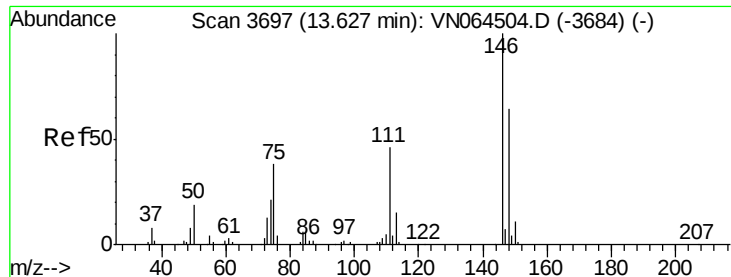
201 65.4 33.1 99.3



Abundance Ion 117.00 (116.70 to 117.70): VN064518.D (-3754) (-)

Ion 201.00 (200.70 to 201.70): VN064518.D (-3754) (-)





#87

1,2-Dichlorobenzene

Concen: 20.711 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. 0.00 min

Lab File: VN064518.D

Acq: 10 Nov 2020 11:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

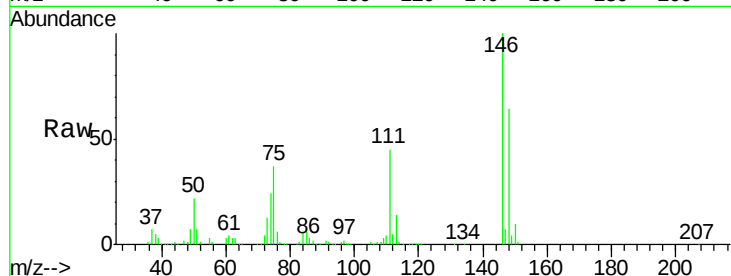
Tot Ion:146 Resp: 156506

Ion Ratio Lower Upper

146 100

111 45.5 23.1 69.2

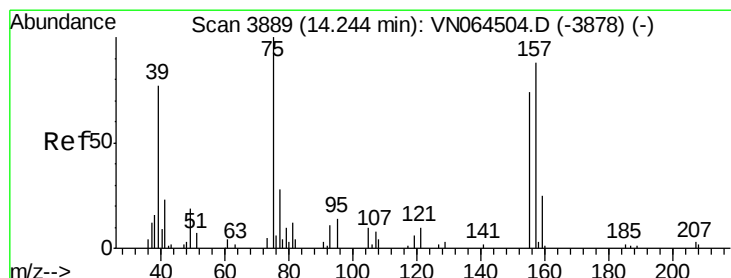
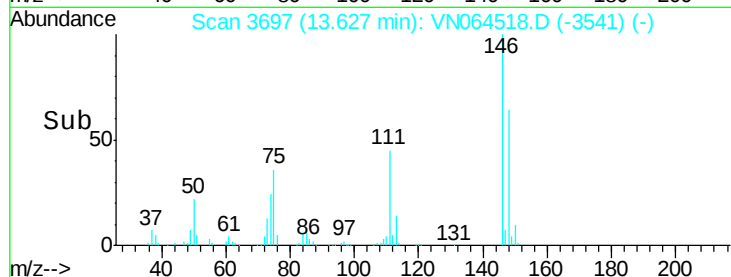
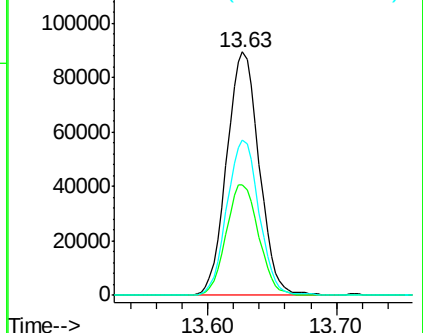
148 62.9 32.6 97.8



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#88

1,2-Dibromo-3-Chloropropane

Concen: 21.073 ug/l

RT: 14.24 min Scan# 3889

Delta R.T. 0.00 min

Lab File: VN064518.D

Acq: 10 Nov 2020 11:40

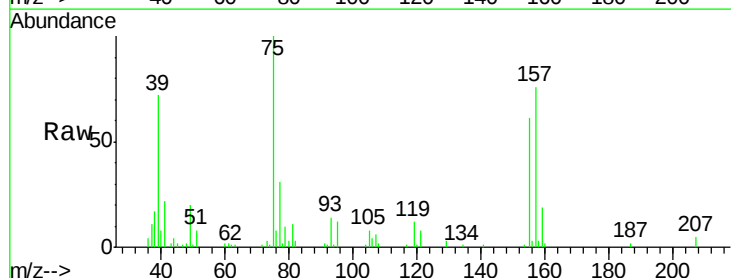
Tgt Ion: 75 Resp: 25994

Ion Ratio Lower Upper

75 100

155 66.9 56.5 84.7

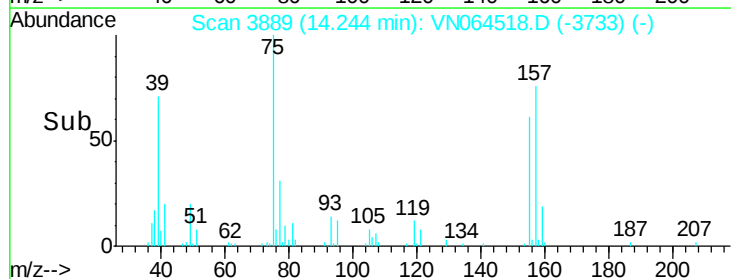
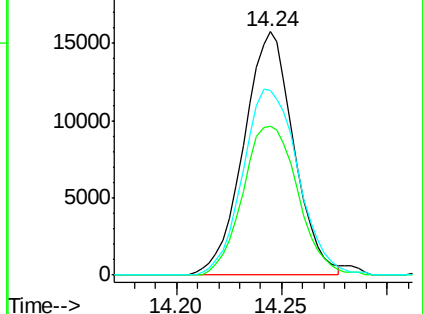
157 84.2 69.7 104.5

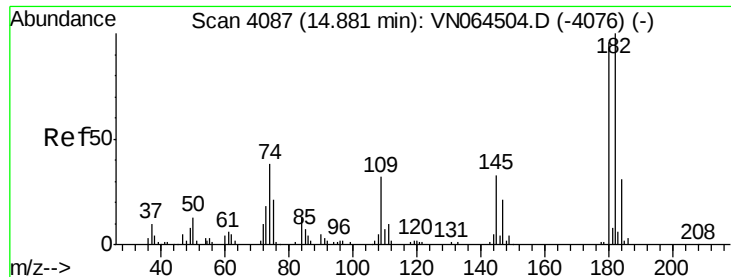


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

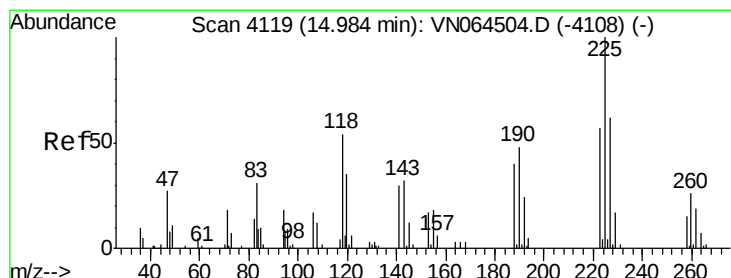
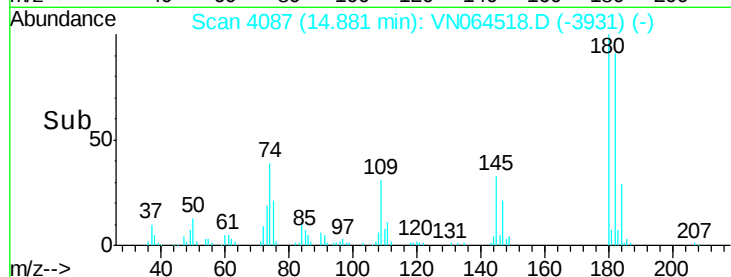
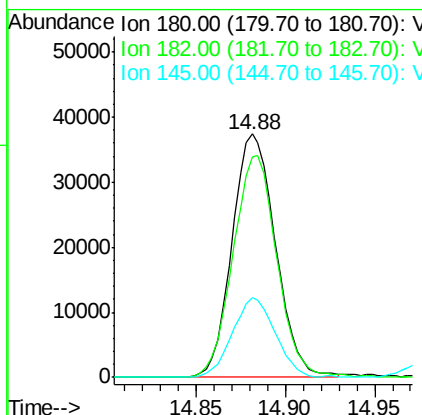
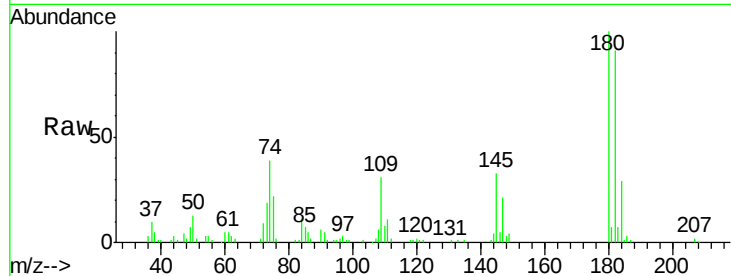




#89
 1,2,4-Trichlorobenzene
 Concen: 18.562 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064518.D
 Acq: 10 Nov 2020 11:40

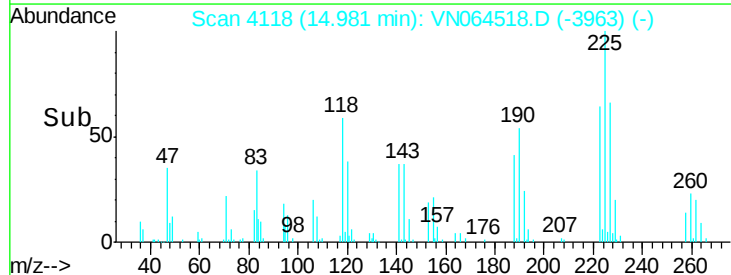
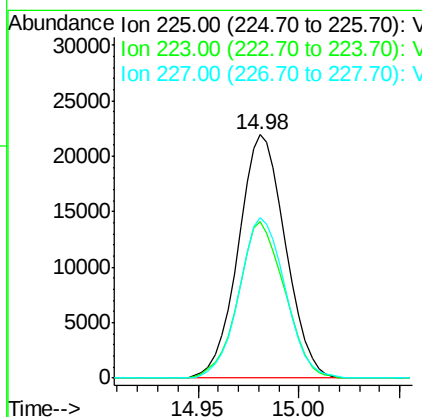
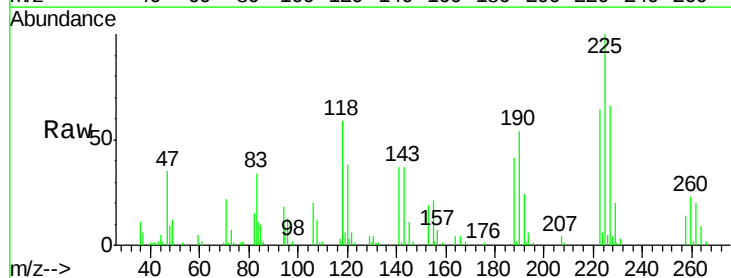
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

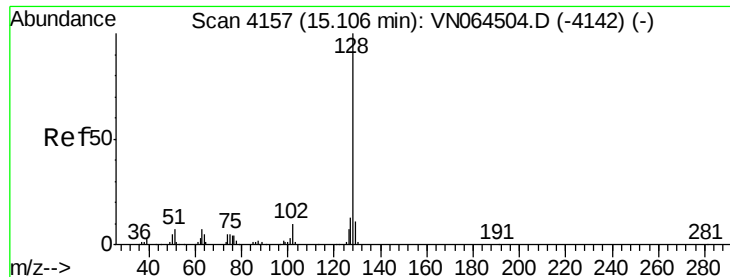
Tot Ion:180 Resp: 63690
 Ion Ratio Lower Upper
 180 100
 182 91.9 79.4 119.0
 145 32.2 27.6 41.4



#90
 Hexachlorobutadiene
 Concen: 20.950 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064518.D
 Acq: 10 Nov 2020 11:40

Tgt Ion:225 Resp: 35801
 Ion Ratio Lower Upper
 225 100
 223 63.4 0.0 125.4
 227 64.7 0.0 122.0





#91

Naphthalene

Concen: 17.752 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. -0.00 min

Lab File: VN064518.D

Acq: 10 Nov 2020 11:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

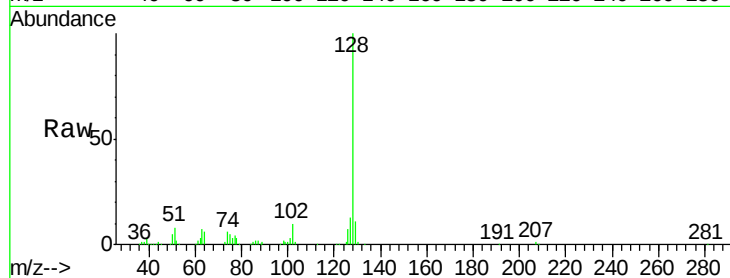
Tot Ion:128 Resp: 201497

Ion Ratio Lower Upper

128 100

127 12.4 10.2 15.4

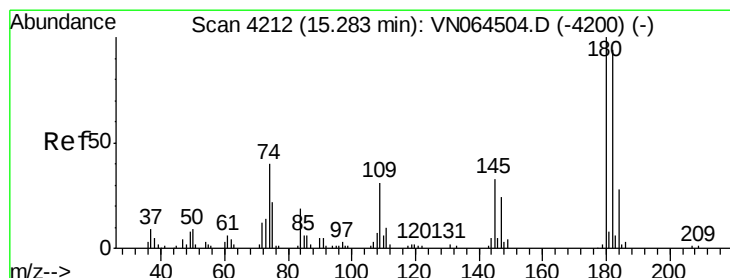
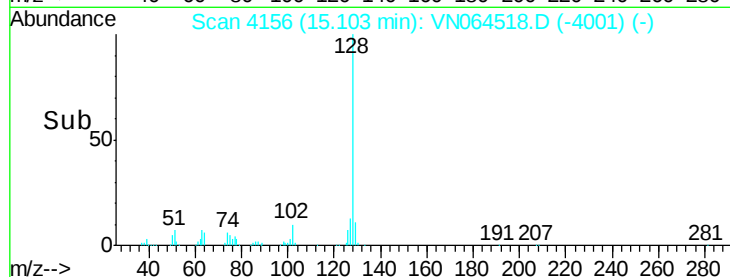
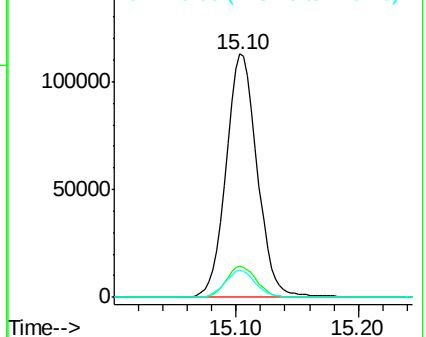
129 11.0 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 19.241 ug/l

RT: 15.29 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN064518.D

Acq: 10 Nov 2020 11:40

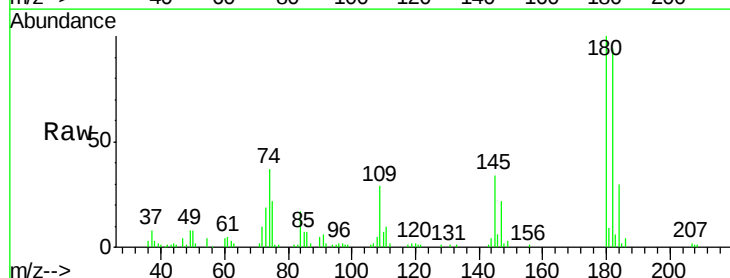
Tgt Ion:180 Resp: 66813

Ion Ratio Lower Upper

180 100

182 95.0 0.0 186.0

145 33.8 0.0 69.6



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

