

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN071320\
 Data File : VN062510.D
 Acq On : 13 Jul 2020 10:48
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Jul 13 11:10:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N071320W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jul 13 10:35:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	45803	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	263567	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	242958	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.99	65	119068	38.63	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	128.77%
60) 4-Bromofluorobenzene	12.37	95	125263	33.97	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	113.23%
63) Toluene-d8	10.06	98	339412	32.12	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	107.07%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	255457	123.503 ug/l	98
3) Chloromethane	2.04	50	359173	139.237 ug/l	99
4) Vinyl Chloride	2.16	62	316398	98.230 ug/l	98
5) Bromomethane	2.51	94	145456	73.604 ug/l	93
6) Chloroethane	2.66	64	157011	73.884 ug/l	97
7) Trichlorofluoromethane	2.98	101	374300	84.216 ug/l	99
8) Diethyl Ether	3.37	74	180048	115.999 ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	238528	98.395 ug/l	99
10) 1,1-Dichloroethene	3.69	96	243924	101.447 ug/l	98
11) Methyl Iodide	3.91	142	328917	103.422 ug/l	98
12) Methyl Acetate	4.27	43	331554	150.672 ug/l	98
13) Acrolein	3.56	56	275908	886.431 ug/l	99
14) Acrylonitrile	4.93	53	788763	716.591 ug/l	99
15) Acetone	3.77	58	223453	641.943 ug/l	99
16) Carbon Disulfide	4.01	76	797079	147.406 ug/l	99
17) Allyl chloride	4.27	41	496264	151.185 ug/l	99
18) Methylene Chloride	4.50	84	294308	104.404 ug/l	99
19) trans-1,2-Dichloroethene	4.99	96	269318	100.935 ug/l	95
20) Diisopropyl ether	5.90	45	1067803	143.101 ug/l	94
21) 1,1-Dichloroethane	5.80	63	565666	122.305 ug/l	99
22) cis-1,2-Dichloroethene	6.78	96	306464	97.993 ug/l	99
23) tert-Butyl Alcohol	4.73	59	264692	639.079 ug/l	# 100
24) Methyl tert-Butyl Ether	4.99	73	915577	114.799 ug/l	99
25) Chloroform	7.33	83	518123	103.830 ug/l	97
26) Cyclohexane	7.61	56	511550	139.850 ug/l	# 100
29) 1,1-Dichloropropene	7.75	75	415765	110.553 ug/l	99
30) 2-Butanone	6.78	43	1096769	728.237 ug/l	99
31) 2,2-Dichloropropane	6.77	77	459172	104.380 ug/l	# 72
32) 1,1,1-Trichloroethane	7.53	97	441573	94.962 ug/l	99
33) Carbon Tetrachloride	7.73	117	385787	100.215 ug/l	98
34) Benzene	8.00	78	1220681	104.830 ug/l	# 90
35) Methacrylonitrile	7.12	41	211634	158.979 ug/l	98
36) 1,2-Dichloroethane	8.09	62	435404	112.536 ug/l	100
37) Trichloroethene	8.80	130	277757	81.573 ug/l	98
38) Methylcyclohexane	9.05	83	474361	113.040 ug/l	99
39) 1,2-Dichloropropane	9.08	63	347140	118.723 ug/l	100
40) Dibromomethane	9.18	93	199060	96.664 ug/l	98

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.37	83	428695	101.716	ug/l	98
42) Vinyl Acetate	5.84	43	4591021	749.862	ug/l	99
43) Ethyl Acetate	6.88	43	449582	148.215	ug/l	96
44) Isopropyl Acetate	8.12	43	753422	142.791	ug/l	98
45) 1,4-Dioxane	9.17	88	105399	2131.814	ug/l	98
46) Methyl methacrylate	9.17	41	365096	153.707	ug/l	97
47) n-amyl Acetate	12.04	43	678326	151.315	ug/l	95
48) t-1,3-Dichloropropene	10.35	75	513553	113.789	ug/l	100
49) cis-1,3-Dichloropropene	9.81	75	549271	111.918	ug/l	98
50) 1,1,2-Trichloroethane	10.53	97	278250	93.195	ug/l	97
51) Ethyl methacrylate	10.40	69	495741	120.635	ug/l	97
52) 1,3-Dichloropropane	10.68	76	518192	105.837	ug/l	100
53) Dibromochloromethane	10.87	129	316356	91.455	ug/l	98
54) 1,2-Dibromoethane	10.98	107	292138	94.693	ug/l	99
55) 2-Chloroethyl vinyl ether	9.66	63	842306	556.442	ug/l	100
56) Bromoform	12.10	173	219617	90.839	ug/l	99
58) 4-Methyl-2-Pentanone	9.95	43	2228377	733.420	ug/l	99
59) 2-Hexanone	10.72	43	1651779	744.684	ug/l	99
61) Tetrachloroethene	10.60	164	226843	64.506	ug/l	94
62) Toluene	10.12	91	1264716	99.347	ug/l	99
64) Chlorobenzene	11.41	112	750333	93.686	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.48	131	278170	91.210	ug/l	99
66) Ethyl Benzene	11.48	91	1430528	102.396	ug/l	99
67) m/p-Xylenes	11.59	106	1046188	192.410	ug/l	98
68) o-Xylene	11.92	106	500998	97.220	ug/l	98
69) Styrene	11.94	104	863463	98.482	ug/l	99
70) Isopropylbenzene	12.22	105	1342414	98.131	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.48	83	436520	114.679	ug/l	98
72) 1,2,3-Trichloropropane	12.53	75	590887	166.287	ug/l	60
73) Bromobenzene	12.50	156	310595	86.505	ug/l	98
74) n-propylbenzene	12.56	91	1623487	104.427	ug/l	99
75) 2-Chlorotoluene	12.65	91	961782	103.898	ug/l	99
76) 1,3,5-Trimethylbenzene	12.71	105	1157397	101.482	ug/l	99
77) t-1,4-Dichloro-2-butene	12.27	75	168169	128.454	ug/l	95
78) 4-Chlorotoluene	12.75	91	999978	104.376	ug/l	100
79) tert-butylbenzene	12.97	119	939305	95.459	ug/l	98
80) 1,2,4-Trimethylbenzene	13.01	105	1153982	100.873	ug/l	99
81) sec-Butylbenzene	13.15	105	1302419	102.426	ug/l	100
82) p-Isopropyltoluene	13.26	119	1163975	99.488	ug/l	99
83) 1,3-Dichlorobenzene	13.26	146	560752	88.151	ug/l	99
84) 1,4-Dichlorobenzene	13.34	146	559058	89.635	ug/l	98
85) n-Butylbenzene	13.59	91	1040804	107.824	ug/l	98
86) Hexachloroethane	13.85	117	223591	127.849	ug/l	100
87) 1,2-Dichlorobenzene	13.63	146	527762	87.361	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	14.25	75	86587	121.510	ug/l	96
89) 1,2,4-Trichlorobenzene	14.88	180	292667	84.887	ug/l	97
90) Hexachlorobutadiene	14.98	225	145004	93.105	ug/l	97
91) Naphthalene	15.10	128	791304	82.821	ug/l	99
92) 1,2,3-Trichlorobenzene	15.28	180	288525	85.157	ug/l	99

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VSTDICC100

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jul 13 10:35:22 2020
Response via : Initial Calibration

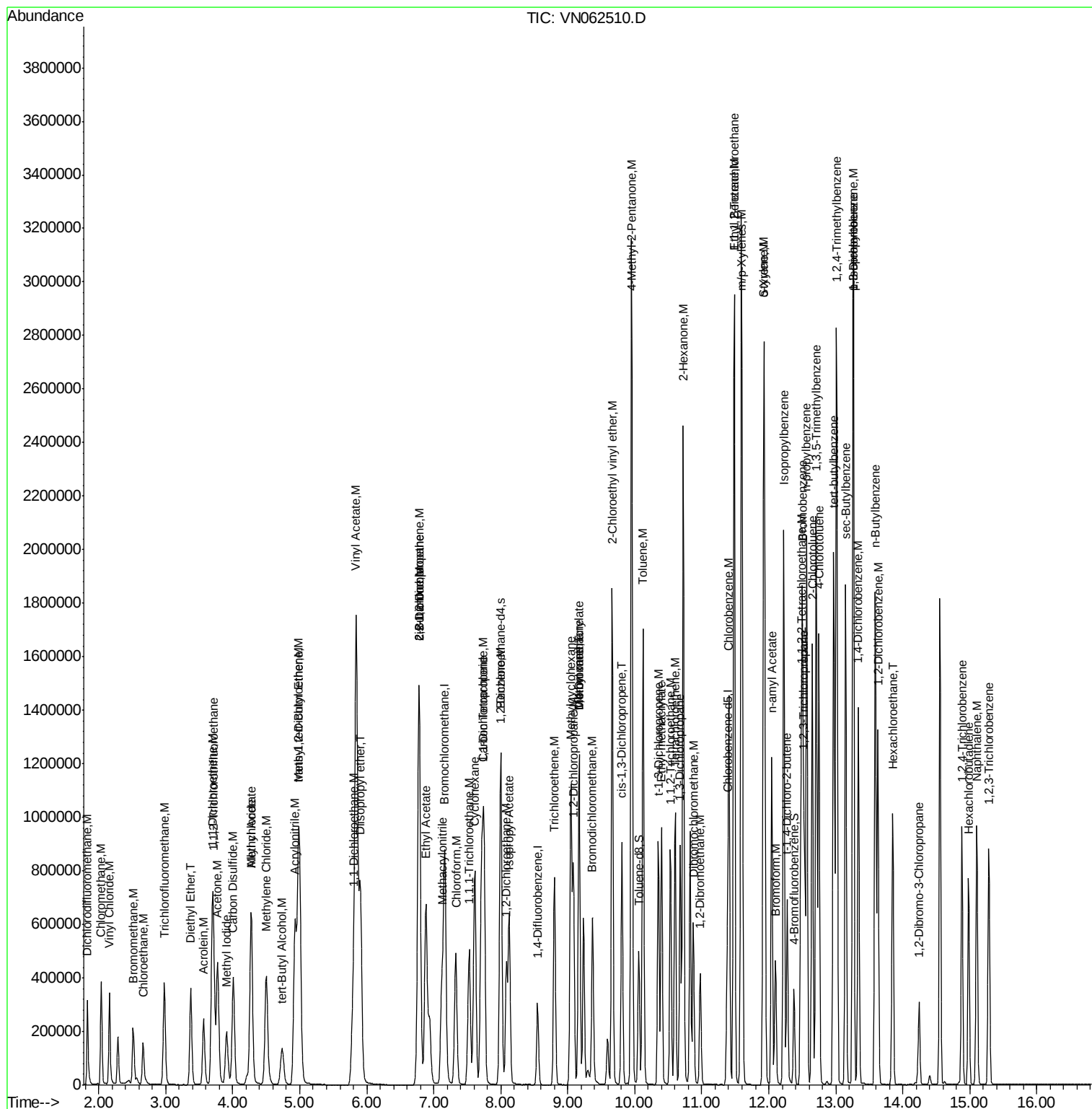
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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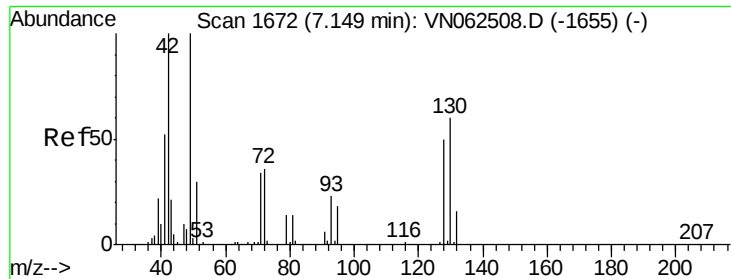
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN071320\
Data File : VN062510.D
Acq On : 13 Jul 2020 10:48
Operator : JC/MD
Sample : VSTDIC100
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Quant Time: Jul 13 11:10:12 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\624N071320W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jul 13 10:35:22 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.15 min Scan# 1673

Delta R.T. 0.00 min

Lab File: VN062510.D

Acq: 13 Jul 2020 10:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

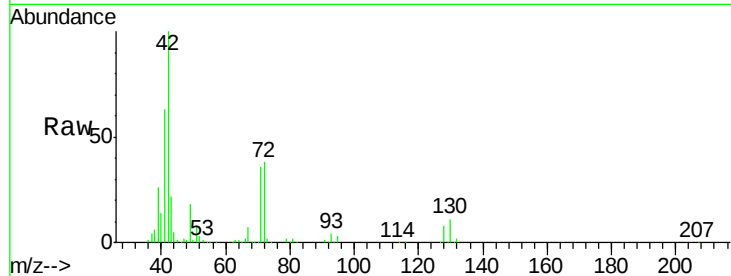
Tgt Ion:128 Resp: 45803

Ion Ratio Lower Upper

128 100

49 216.1 0.0 525.0

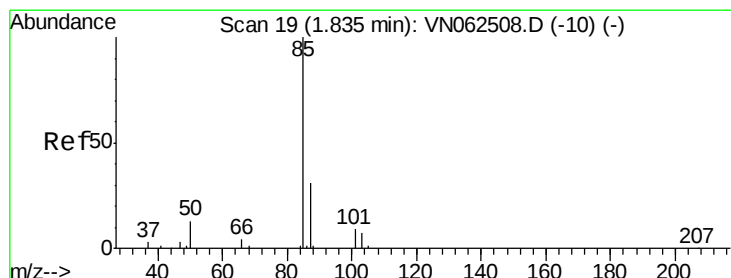
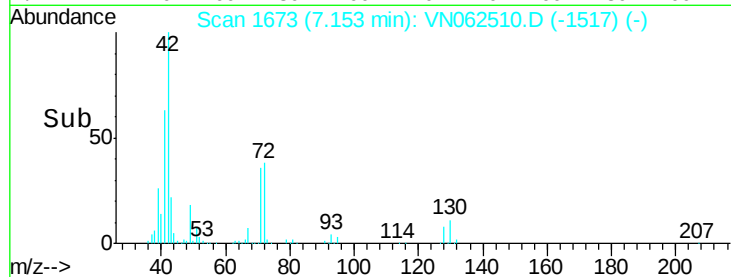
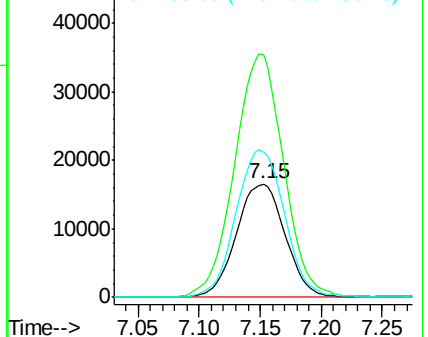
130 130.2 0.0 319.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VNO

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 123.503 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062510.D

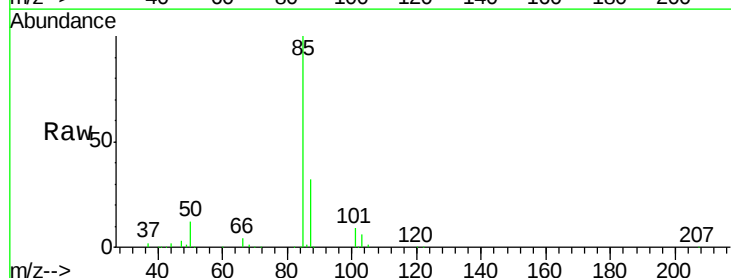
Acq: 13 Jul 2020 10:48

Tgt Ion: 85 Resp: 255457

Ion Ratio Lower Upper

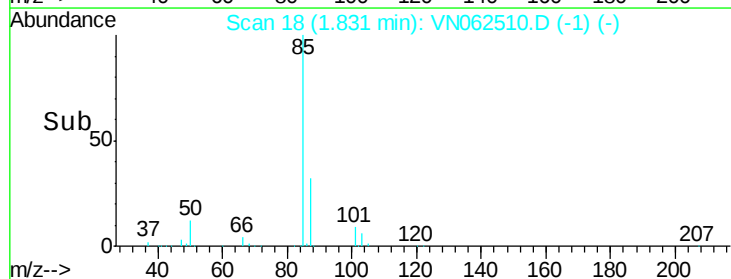
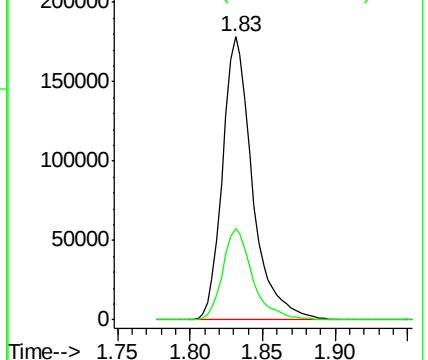
85 100

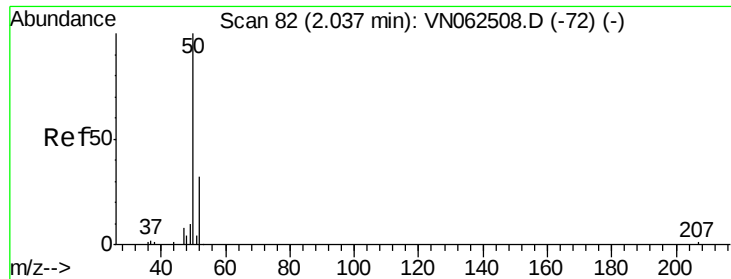
87 32.4 15.6 46.7



Abundance Ion 85.00 (84.70 to 85.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#3

Chloromethane

Concen: 139.237 ug/l

RT: 2.04 min Scan# 82

Delta R.T. -0.00 min

Lab File: VN062510.D

Acq: 13 Jul 2020 10:48

Instrument :

MSVOA_N

ClientSampleId :

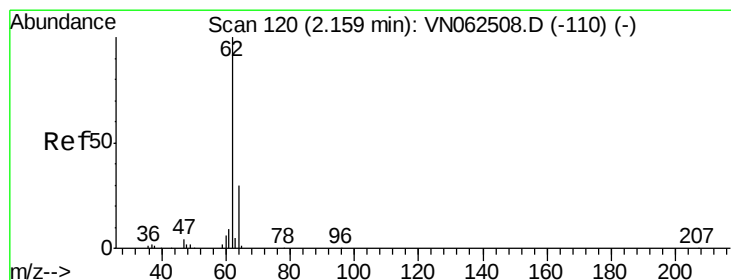
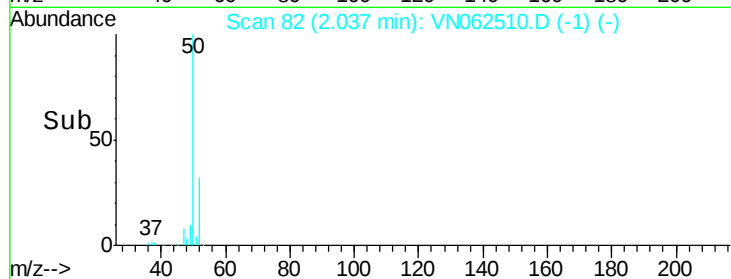
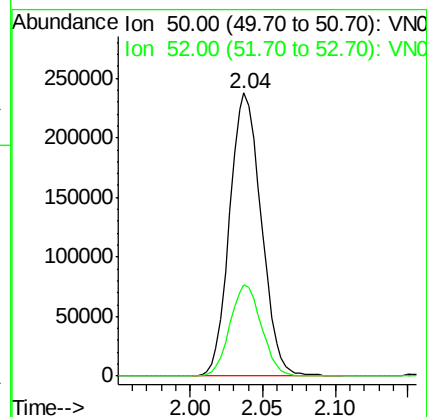
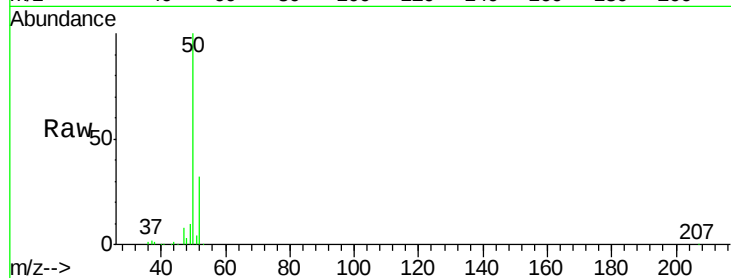
VSTDIC100

Tgt Ion: 50 Resp: 359173

Ion Ratio Lower Upper

50 100

52 32.4 25.4 38.2



#4

Vinyl Chloride

Concen: 98.230 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN062510.D

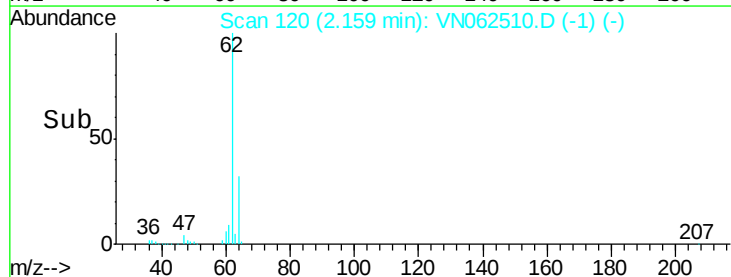
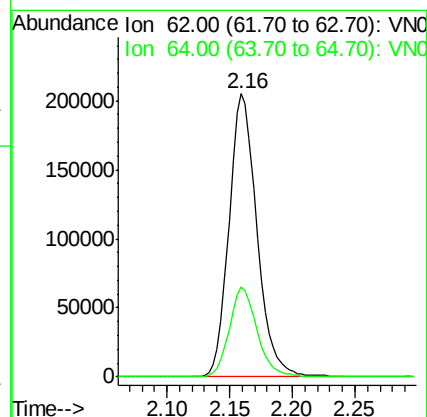
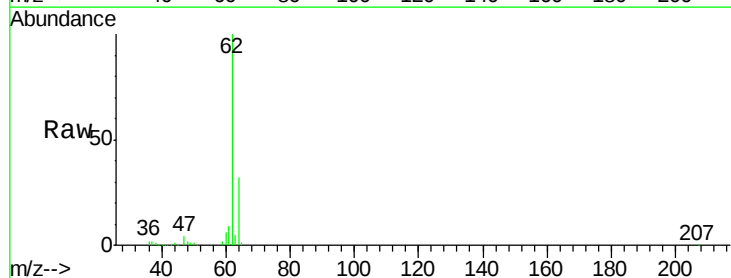
Acq: 13 Jul 2020 10:48

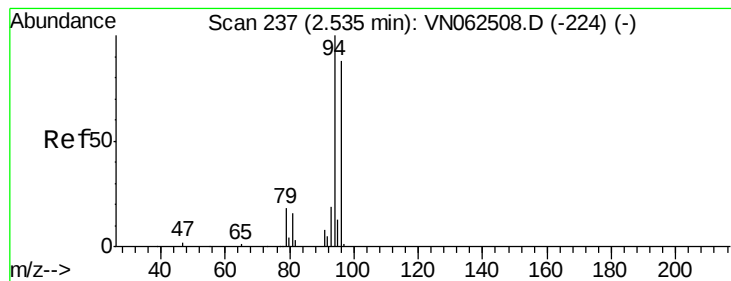
Tgt Ion: 62 Resp: 316398

Ion Ratio Lower Upper

62 100

64 31.6 24.3 36.5





#5

Bromomethane

Concen: 73.604 ug/l

RT: 2.51 min Scan# 230

Delta R.T. -0.02 min

Lab File: VN062510.D

Acq: 13 Jul 2020 10:48

Instrument :

MSVOA_N

ClientSampleId :

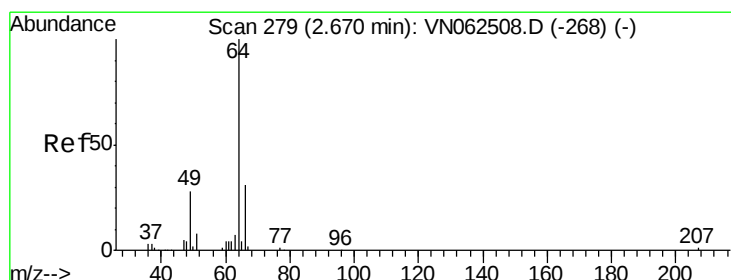
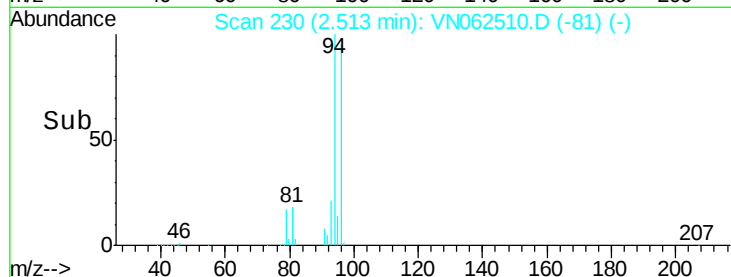
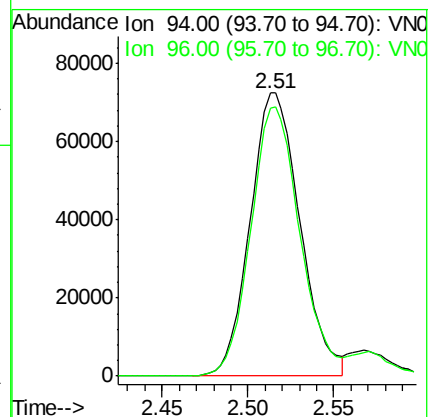
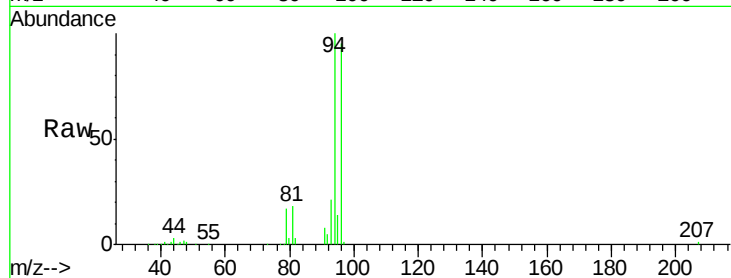
VSTDIC100

Tgt Ion: 94 Resp: 145456

Ion Ratio Lower Upper

94 100

96 94.3 70.2 105.4



#6

Chloroethane

Concen: 73.884 ug/l

RT: 2.66 min Scan# 276

Delta R.T. -0.01 min

Lab File: VN062510.D

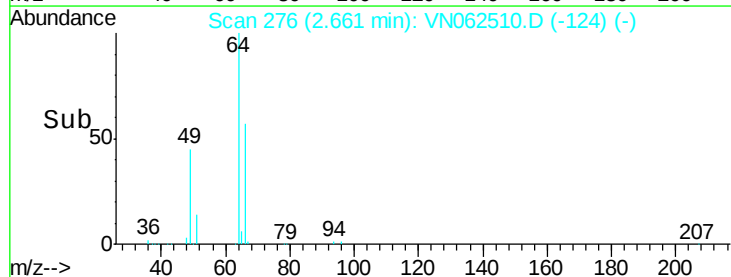
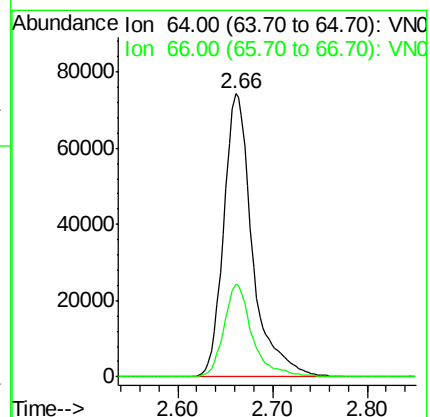
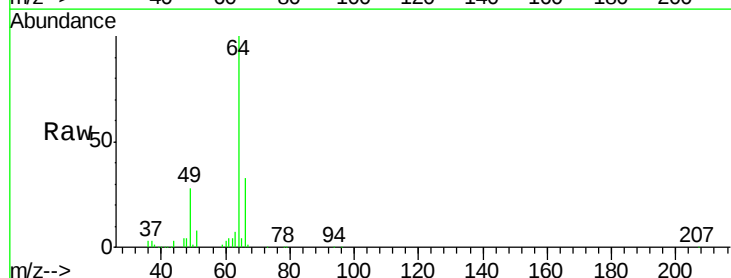
Acq: 13 Jul 2020 10:48

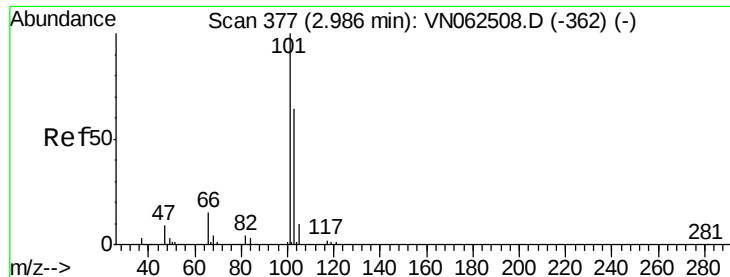
Tgt Ion: 64 Resp: 157011

Ion Ratio Lower Upper

64 100

66 32.6 24.9 37.3



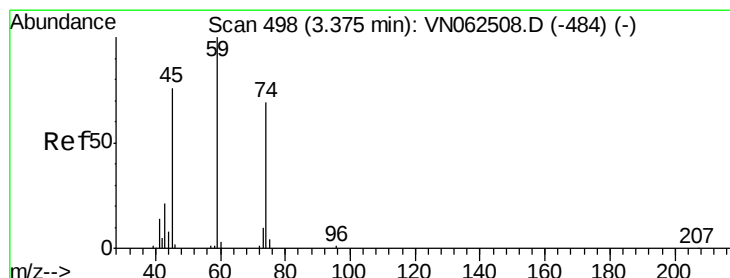
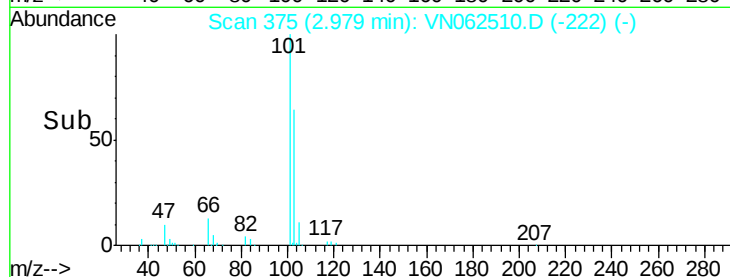
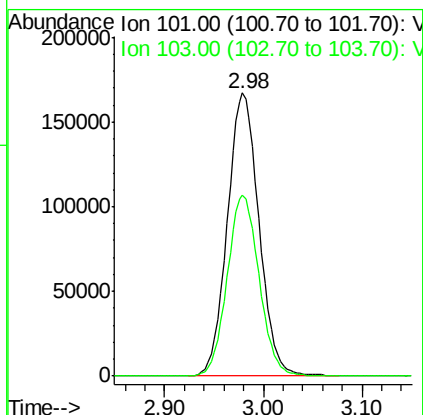
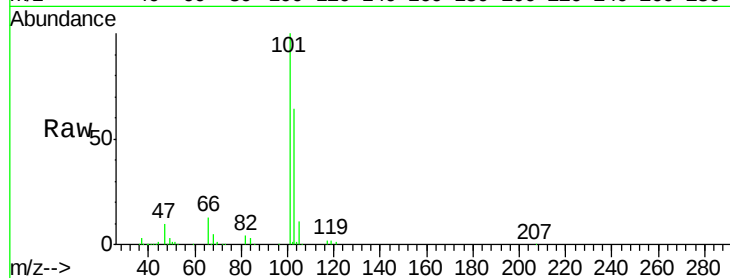


#7

Trichlorofluoromethane
 Concen: 84.216 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. -0.01 min
 Lab File: VN062510.D
 Acq: 13 Jul 2020 10:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

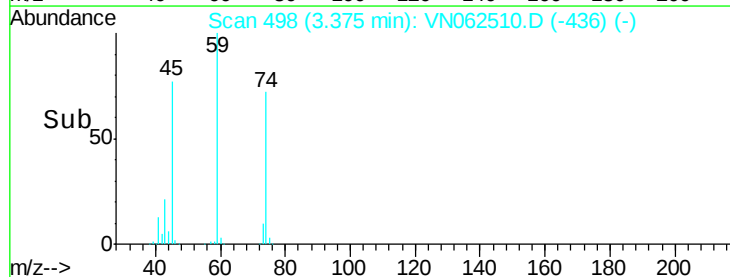
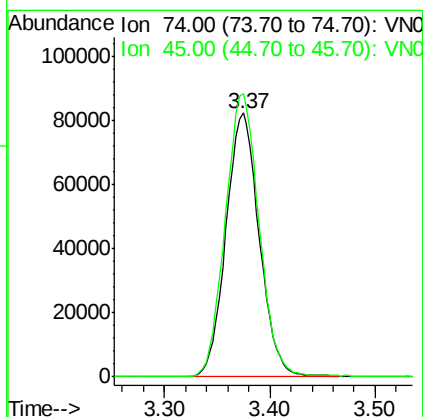
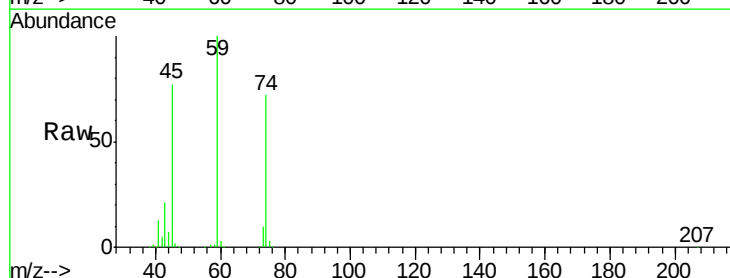
Tgt Ion: 101 Resp: 374300
 Ion Ratio Lower Upper
 101 100
 103 64.1 50.9 76.3

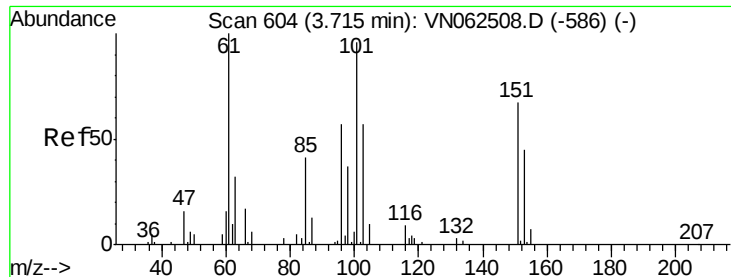


#8

Diethyl Ether
 Concen: 115.999 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. -0.00 min
 Lab File: VN062510.D
 Acq: 13 Jul 2020 10:48

Tgt Ion: 74 Resp: 180048
 Ion Ratio Lower Upper
 74 100
 45 109.0 21.8 196.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 98.395 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN062510.D

Acq: 13 Jul 2020 10:48

Instrument :

MSVOA_N

ClientSampled :

VSTDIC100

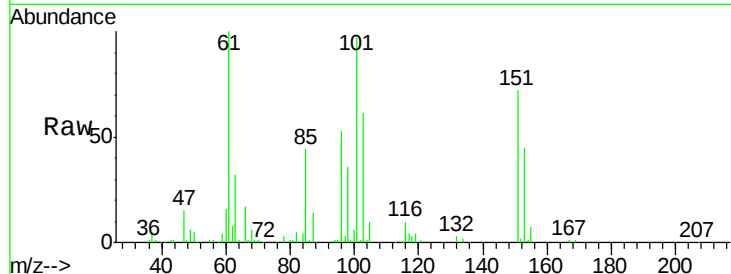
Tgt Ion: 101 Resp: 238528

Ion Ratio Lower Upper

101 100

85 45.7 0.0 90.4

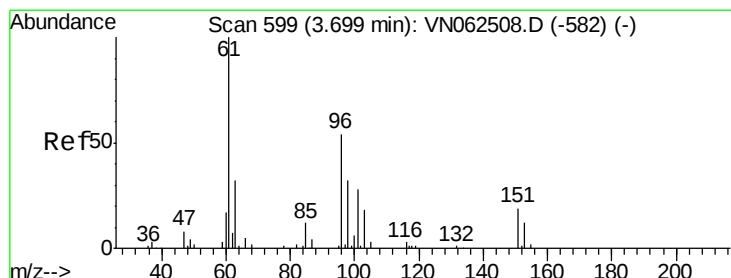
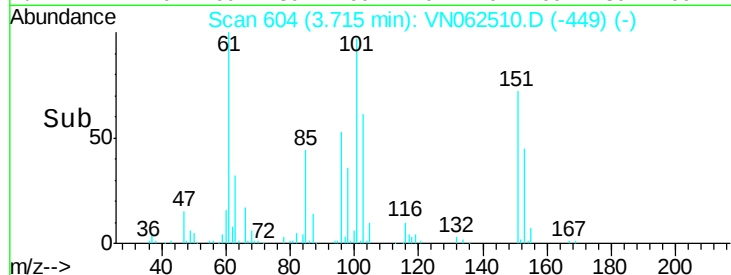
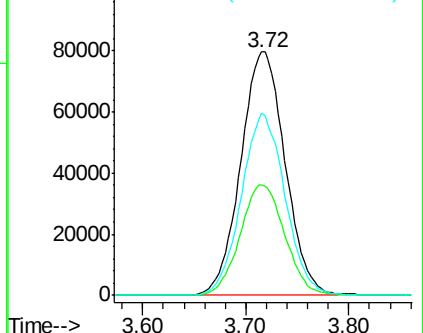
151 73.4 0.0 145.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VNO

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 101.447 ug/l

RT: 3.69 min Scan# 597

Delta R.T. -0.01 min

Lab File: VN062510.D

Acq: 13 Jul 2020 10:48

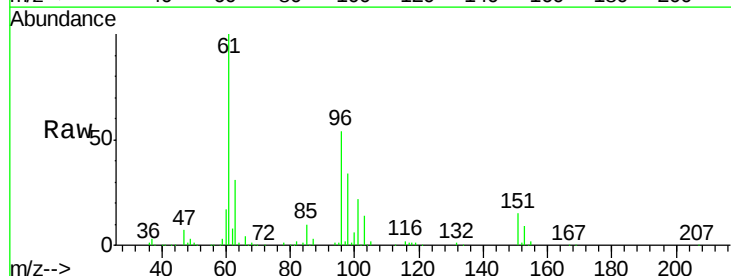
Tgt Ion: 96 Resp: 243924

Ion Ratio Lower Upper

96 100

61 186.0 147.8 221.8

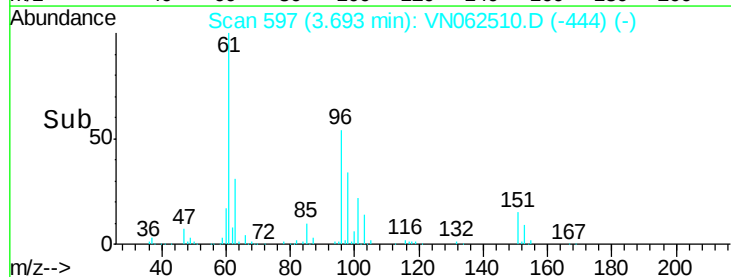
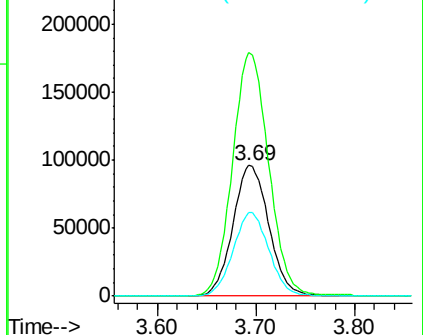
98 63.6 47.8 71.8

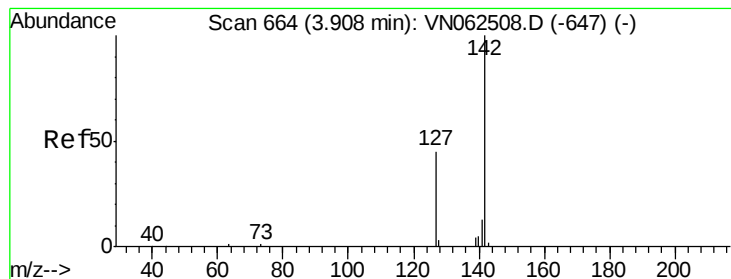


Abundance Ion 96.00 (95.70 to 96.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 98.00 (97.70 to 98.70): VNO





#11

Methyl Iodide

Concen: 103.422 ug/l

RT: 3.91 min Scan# 664

Delta R.T. -0.00 min

Lab File: VN062510.D

Acq: 13 Jul 2020 10:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

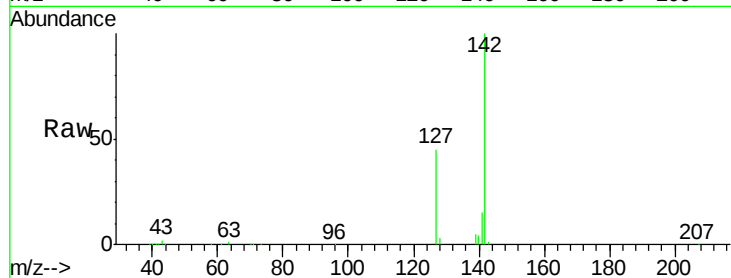
Tgt Ion:142 Resp: 328917

Ion Ratio Lower Upper

142 100

127 44.7 22.1 66.5

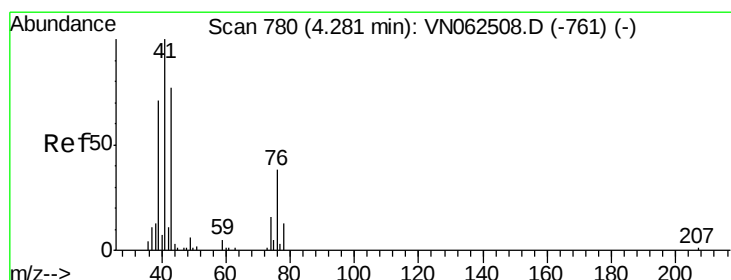
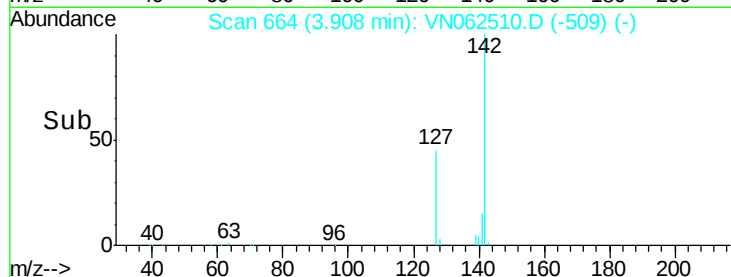
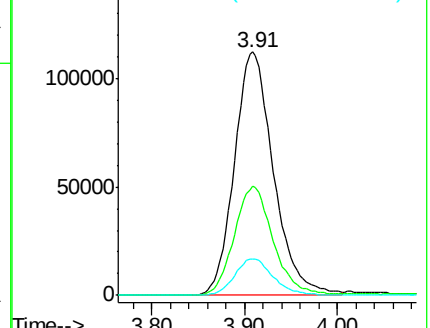
141 15.1 6.5 19.4



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V



#12

Methyl Acetate

Concen: 150.672 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.01 min

Lab File: VN062510.D

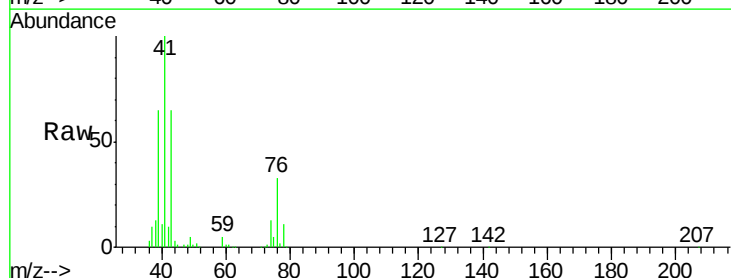
Acq: 13 Jul 2020 10:48

Tgt Ion: 43 Resp: 331554

Ion Ratio Lower Upper

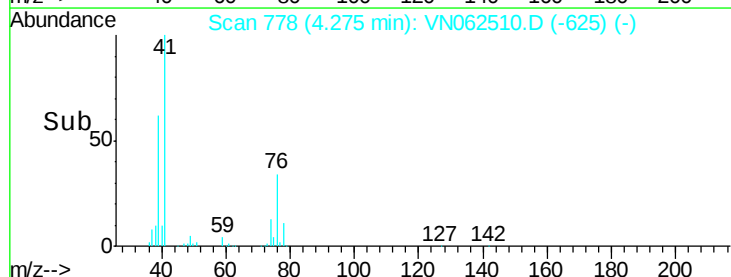
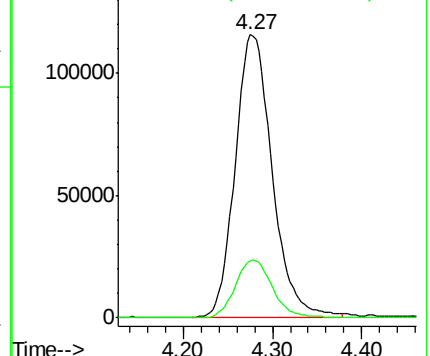
43 100

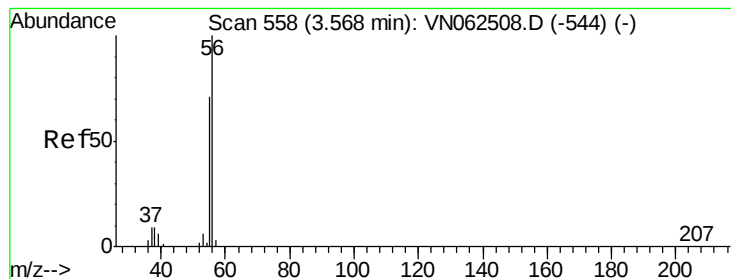
74 20.1 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 74.00 (73.70 to 74.70): V





#13

Acrolein

Concen: 886.431 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN062510.D

Acq: 13 Jul 2020 10:48

Instrument :

MSVOA_N

ClientSampled :

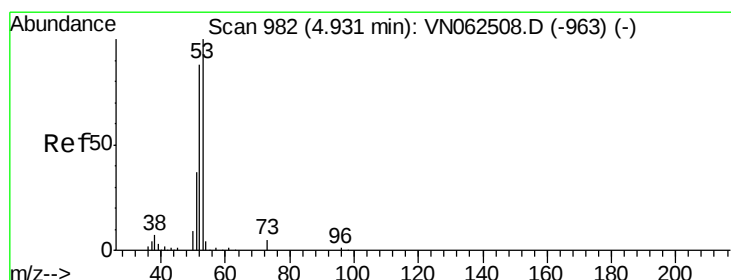
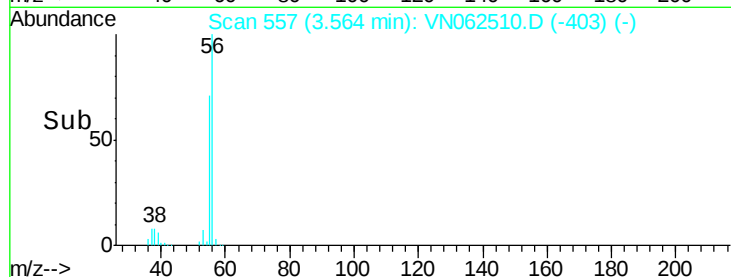
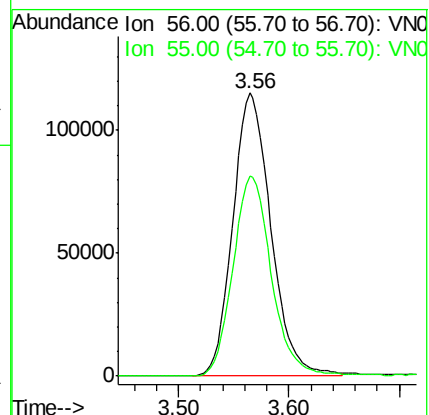
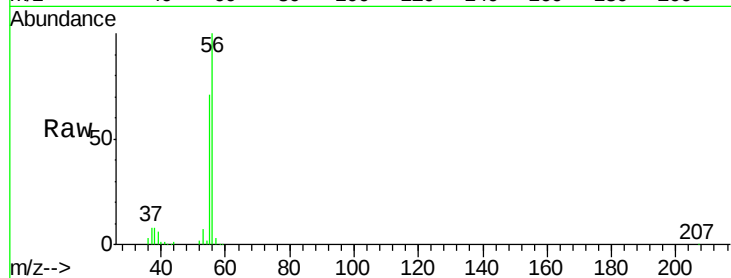
VSTDIC100

Tgt Ion: 56 Resp: 275908

Ion Ratio Lower Upper

56 100

55 71.2 56.0 84.0



#14

Acrylonitrile

Concen: 716.591 ug/l

RT: 4.93 min Scan# 981

Delta R.T. -0.00 min

Lab File: VN062510.D

Acq: 13 Jul 2020 10:48

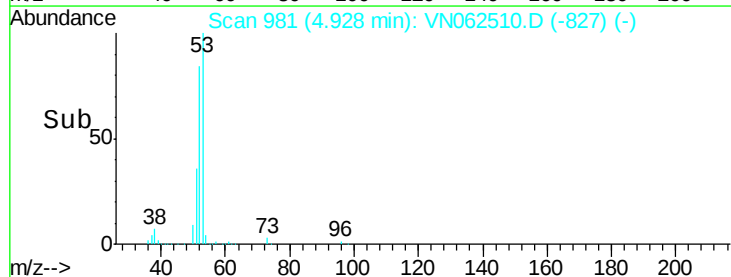
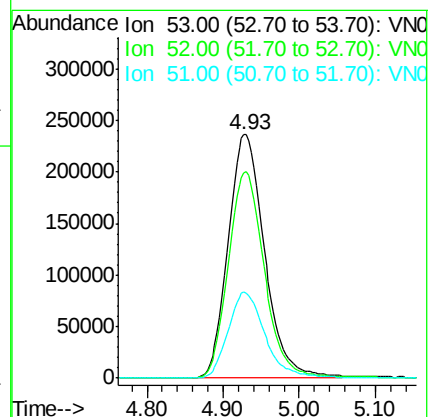
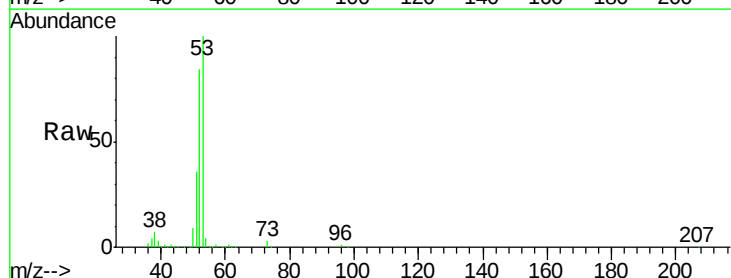
Tgt Ion: 53 Resp: 788763

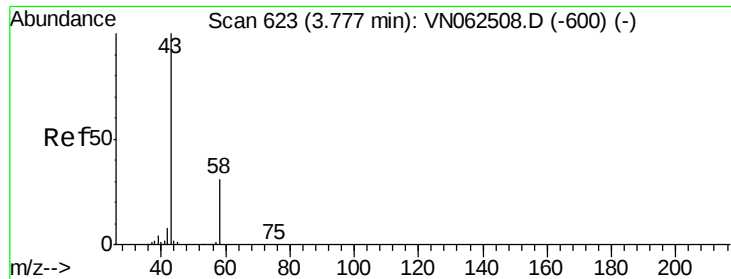
Ion Ratio Lower Upper

53 100

52 83.4 41.8 125.4

51 35.7 18.5 55.5





#15

Acetone

Concen: 641.943 ug/l

RT: 3.77 min Scan# 622

Delta R.T. -0.00 min

Lab File: VN062510.D

Acq: 13 Jul 2020 10:48

Instrument :

MSVOA_N

ClientSampleId :

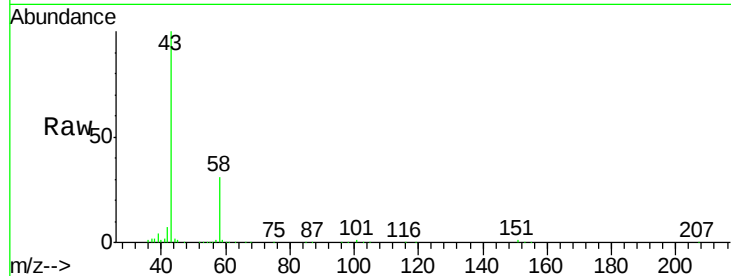
VSTDIC100

Tgt Ion: 58 Resp: 223453

Ion Ratio Lower Upper

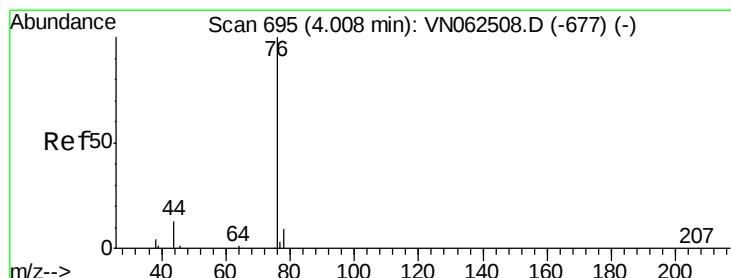
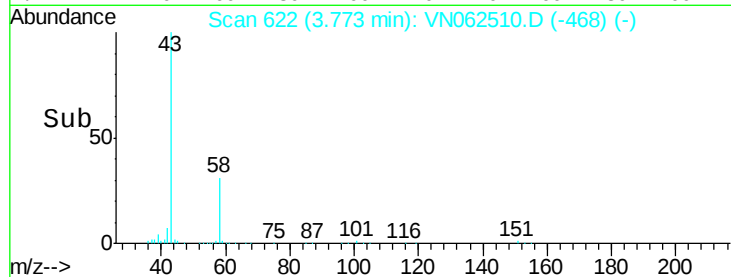
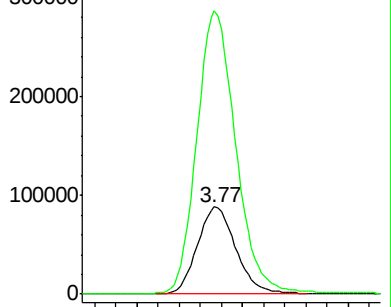
58 100

43 325.1 261.1 391.7



Abundance Ion 58.00 (57.70 to 58.70): VN062510.D (-600) (-)

Ion 43.00 (42.70 to 43.70): VN062510.D (-600) (-)



#16

Carbon Disulfide

Concen: 147.406 ug/l

RT: 4.01 min Scan# 695

Delta R.T. -0.00 min

Lab File: VN062510.D

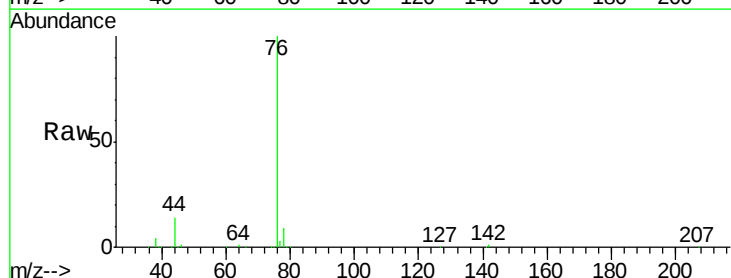
Acq: 13 Jul 2020 10:48

Tgt Ion: 76 Resp: 797079

Ion Ratio Lower Upper

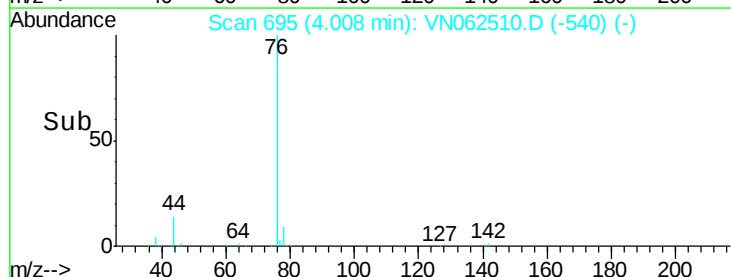
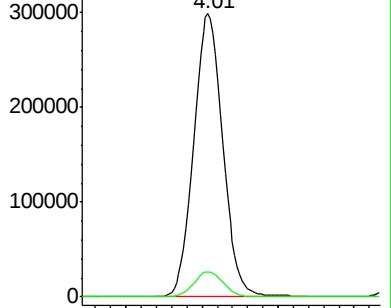
76 100

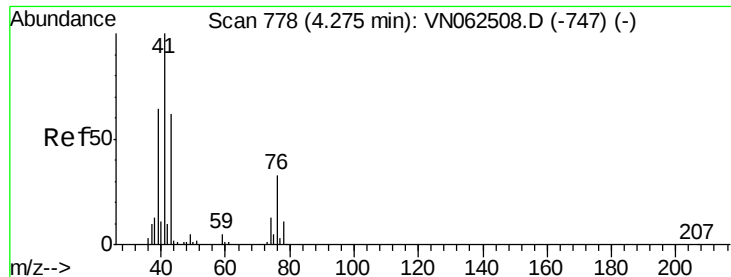
78 9.0 7.4 11.0



Abundance Ion 76.00 (75.70 to 76.70): VN062510.D (-677) (-)

Ion 78.00 (77.70 to 78.70): VN062510.D (-677) (-)

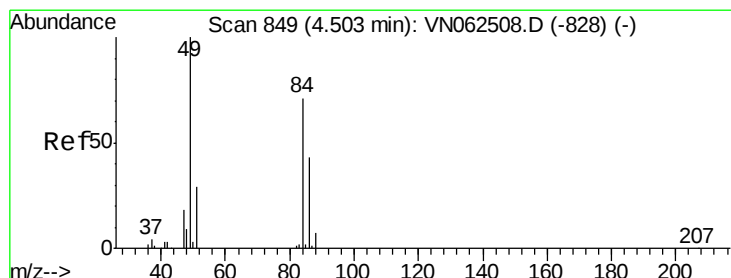
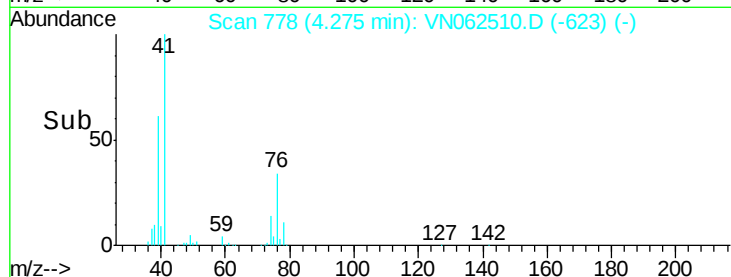
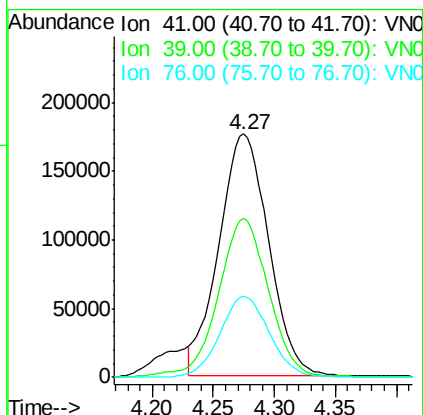
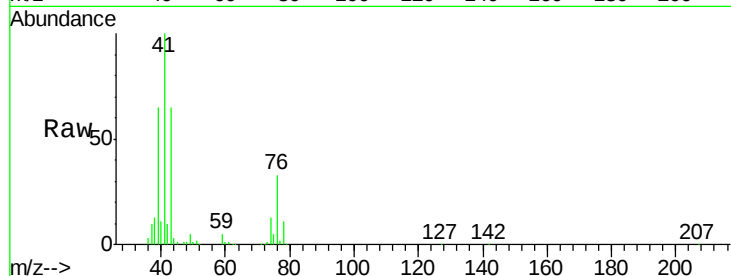




#17
 Allyl chloride
 Concen: 151.185 ug/l
 RT: 4.27 min Scan# 778
 Delta R.T. -0.00 min
 Lab File: VN062510.D
 Acq: 13 Jul 2020 10:48

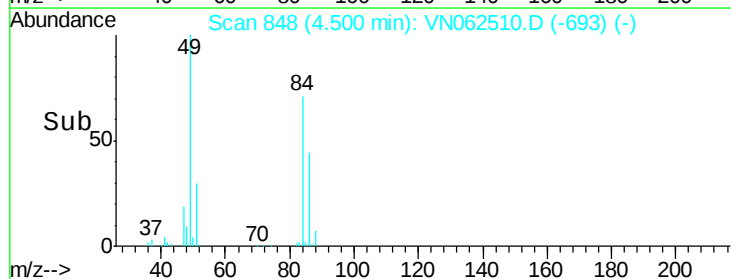
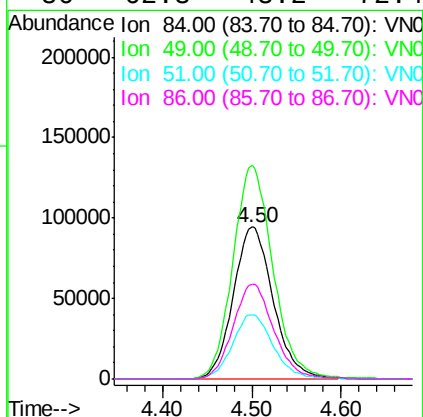
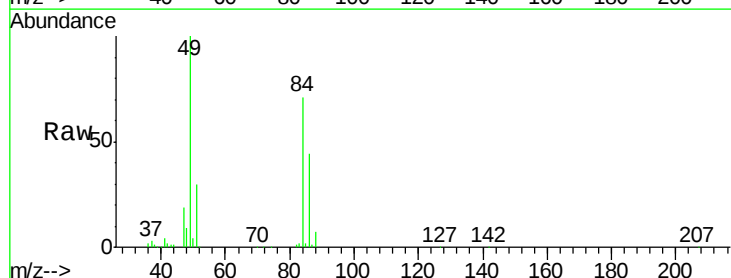
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

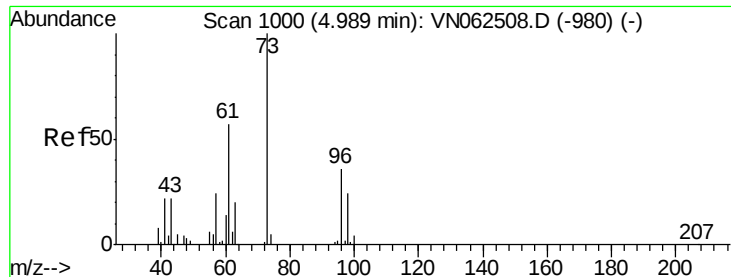
Tgt Ion:	41	Resp:	496264
Ion	Ratio	Lower	Upper
41	100		
39	65.2	31.9	95.5
76	33.2	16.6	49.8



#18
 Methylene Chloride
 Concen: 104.404 ug/l
 RT: 4.50 min Scan# 848
 Delta R.T. -0.00 min
 Lab File: VN062510.D
 Acq: 13 Jul 2020 10:48

Tgt Ion:	84	Resp:	294308
Ion	Ratio	Lower	Upper
84	100		
49	140.0	112.1	168.1
51	42.3	33.0	49.4
86	62.3	48.2	72.4

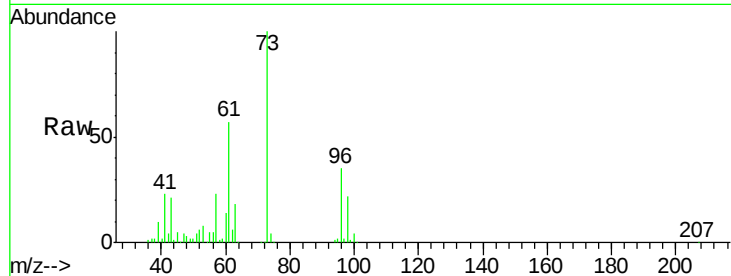




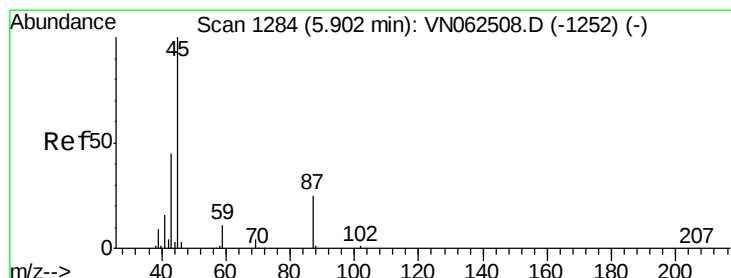
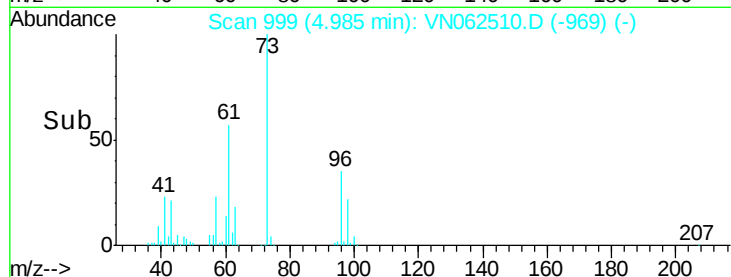
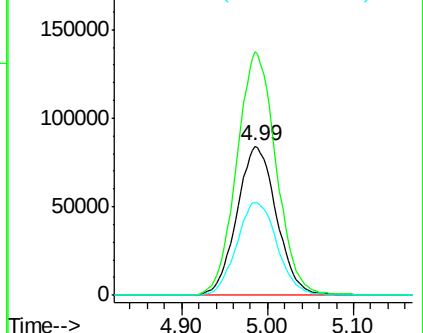
#19
trans-1,2-Dichloroethene
Concen: 100.935 ug/l
RT: 4.99 min Scan# 999
Delta R.T. -0.00 min
Lab File: VN062510.D
Acq: 13 Jul 2020 10:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 96 Resp: 269318
Ion Ratio Lower Upper
96 100
61 163.5 125.7 188.5
98 62.5 54.1 81.1

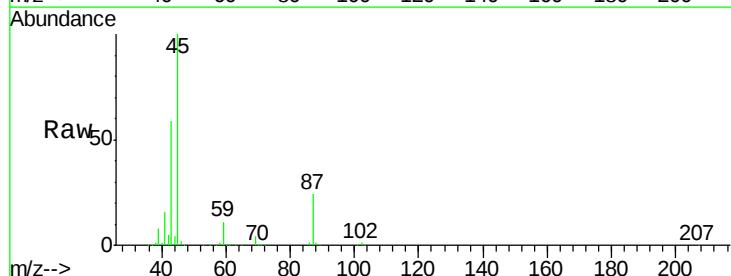


Abundance Ion 96.00 (95.70 to 96.70): VN062510.D (-969) (-)
Ion 61.00 (60.70 to 61.70): VN062510.D (-969) (-)
Ion 98.00 (97.70 to 98.70): VN062510.D (-969) (-)

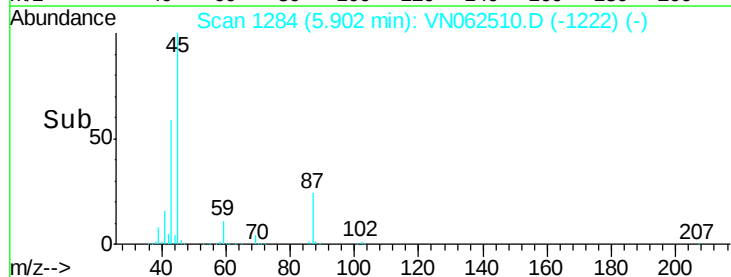
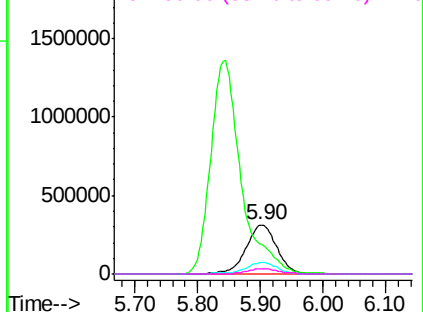


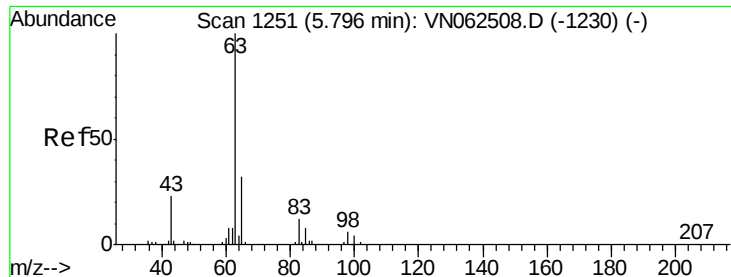
#20
Diisopropyl ether
Concen: 143.101 ug/l
RT: 5.90 min Scan# 1284
Delta R.T. -0.00 min
Lab File: VN062510.D
Acq: 13 Jul 2020 10:48

Tgt Ion: 45 Resp: 1067803
Ion Ratio Lower Upper
45 100
43 57.5 51.3 76.9
87 23.6 19.8 29.6
59 11.1 8.8 13.2



Abundance Ion 45.00 (44.70 to 45.70): VN062510.D (-1222) (-)
Ion 43.00 (42.70 to 43.70): VN062510.D (-1222) (-)
Ion 87.00 (86.70 to 87.70): VN062510.D (-1222) (-)
Ion 59.00 (58.70 to 59.70): VN062510.D (-1222) (-)





#21

1,1-Dichloroethane

Concen: 122.305 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN062510.D

Acq: 13 Jul 2020 10:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

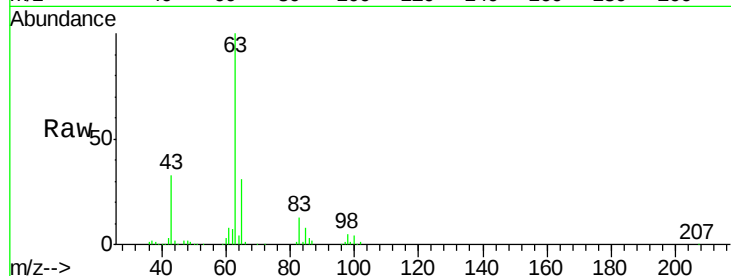
Tgt Ion: 63 Resp: 565666

Ion Ratio Lower Upper

63 100

98 5.4 2.8 8.4

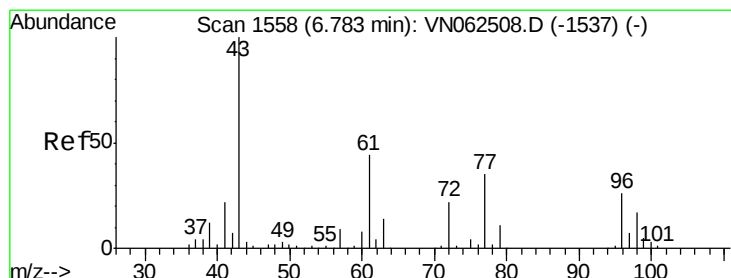
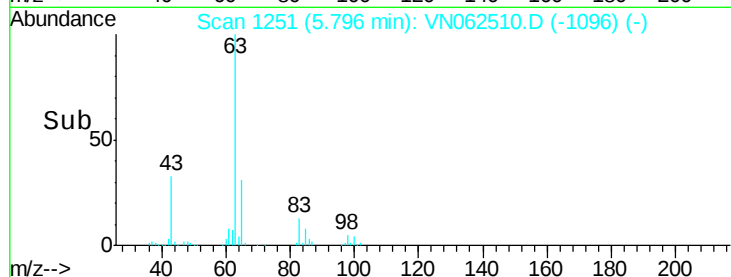
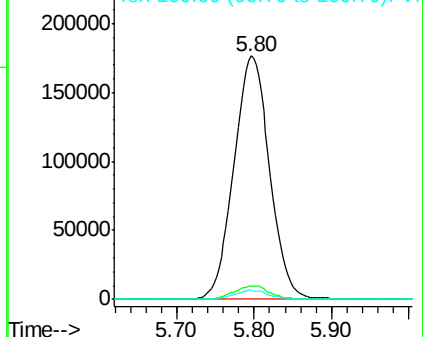
100 3.6 2.0 5.8



Abundance Ion 63.00 (62.70 to 63.70): VN062510.D (-1096) (-)

Ion 98.00 (97.70 to 98.70): VN062510.D (-1096) (-)

Ion 100.00 (99.70 to 100.70): VN062510.D (-1096) (-)



#22

cis-1,2-Dichloroethene

Concen: 97.993 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. -0.00 min

Lab File: VN062510.D

Acq: 13 Jul 2020 10:48

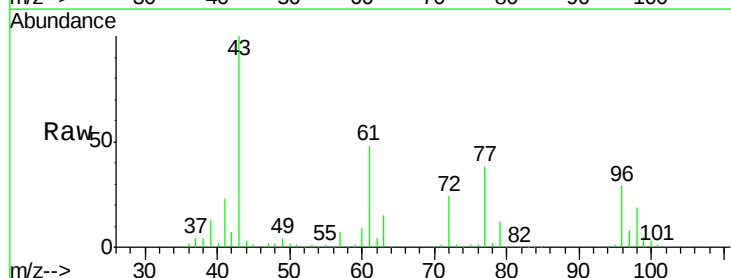
Tgt Ion: 96 Resp: 306464

Ion Ratio Lower Upper

96 100

61 170.8 134.9 202.3

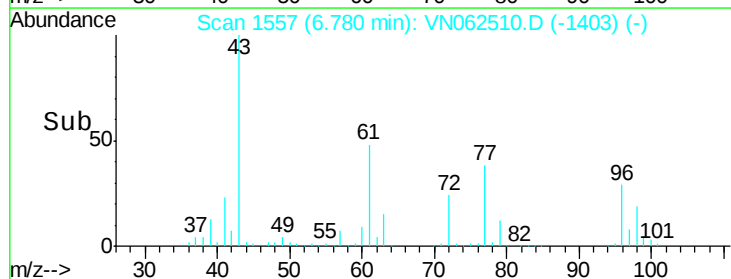
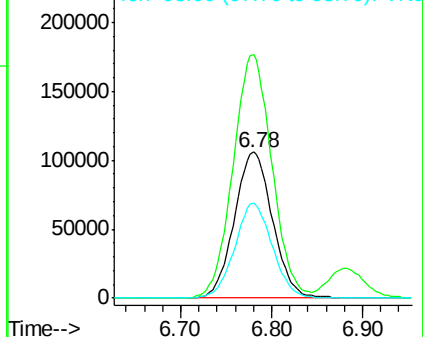
98 64.3 51.5 77.3

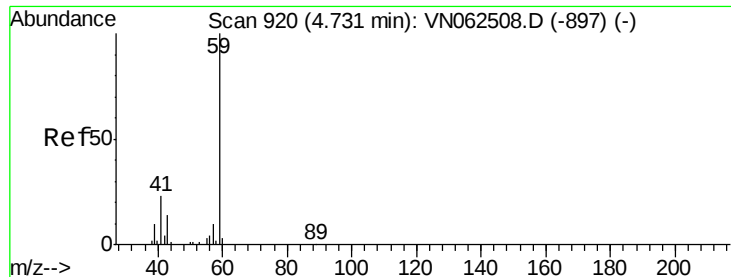


Abundance Ion 96.00 (95.70 to 96.70): VN062510.D (-1403) (-)

Ion 61.00 (60.70 to 61.70): VN062510.D (-1403) (-)

Ion 98.00 (97.70 to 98.70): VN062510.D (-1403) (-)



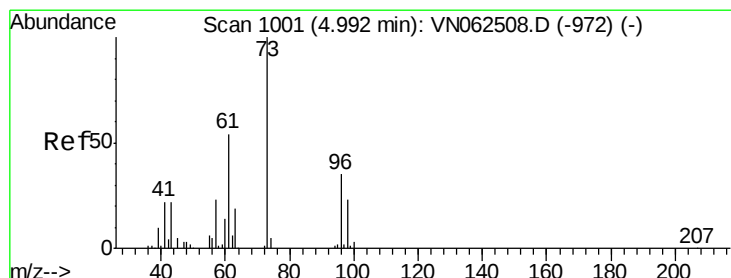
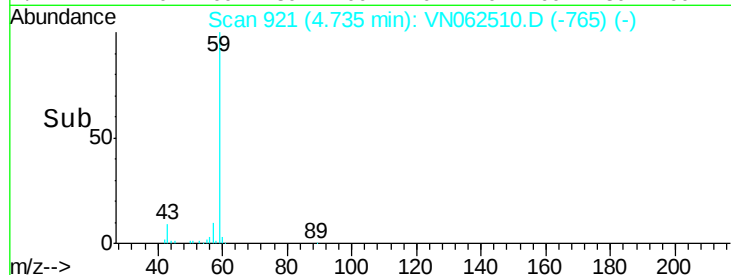
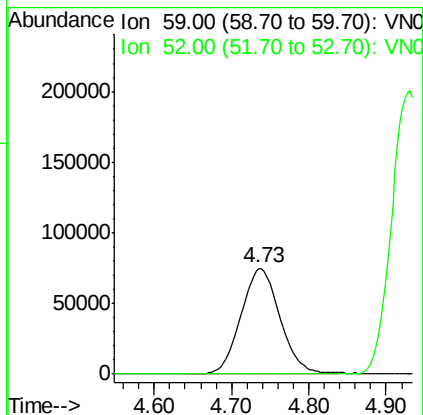
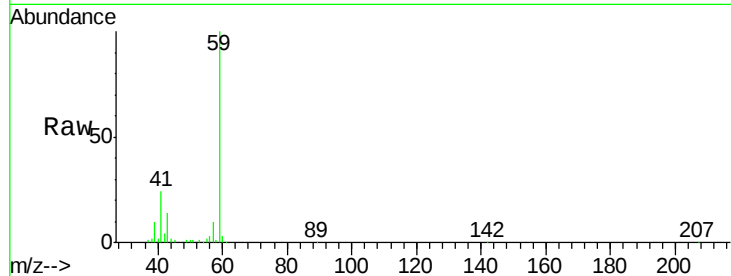


#23

tert-Butyl Alcohol
 Concen: 639.079 ug/l
 RT: 4.73 min Scan# 921
 Delta R.T. 0.00 min
 Lab File: VN062510.D
 Acq: 13 Jul 2020 10:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

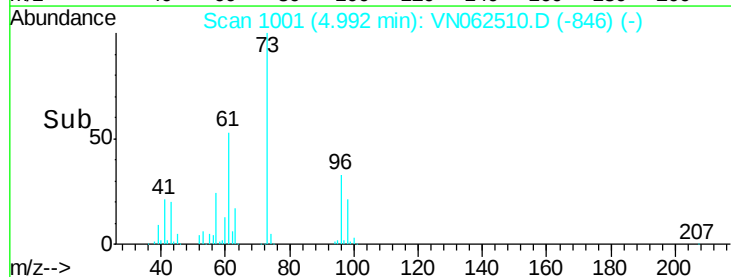
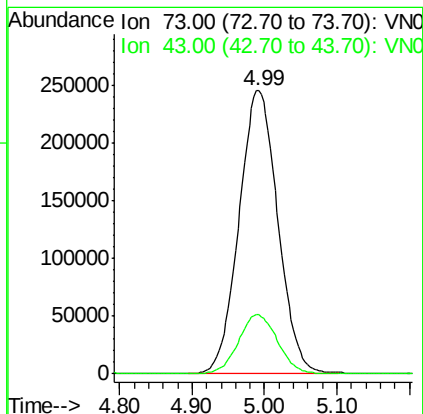
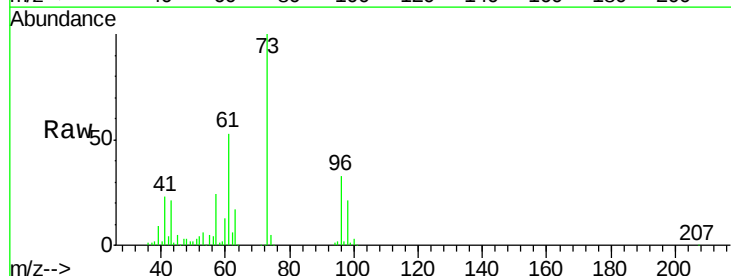
Tgt Ion: 59 Resp: 264692
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.0 0.0#

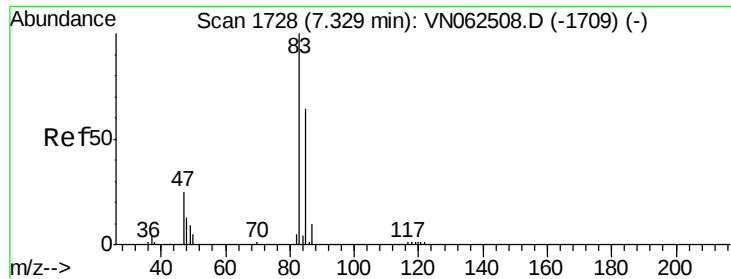


#24

Methyl tert-Butyl Ether
 Concen: 114.799 ug/l
 RT: 4.99 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VN062510.D
 Acq: 13 Jul 2020 10:48

Tgt Ion: 73 Resp: 915577
 Ion Ratio Lower Upper
 73 100
 43 20.7 16.9 25.3





#25

Chloroform

Concen: 103.830 ug/l

RT: 7.33 min Scan# 1728

Delta R.T. -0.00 min

Lab File: VN062510.D

Acq: 13 Jul 2020 10:48

Instrument :

MSVOA_N

ClientSampleId :

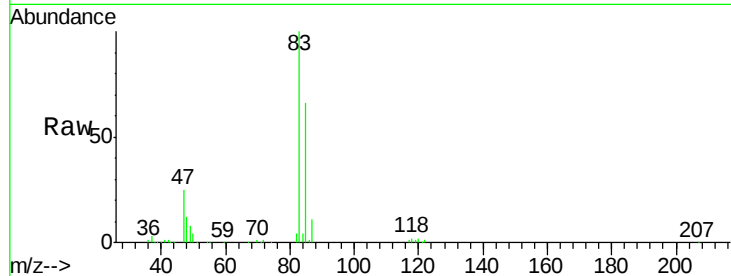
VSTDIC100

Tgt Ion: 83 Resp: 518123

Ion Ratio Lower Upper

83 100

85 65.9 51.0 76.4



Abundance Ion 83.00 (82.70 to 83.70): VN062510.D (-1573) (-)

Ion 85.00 (84.70 to 85.70): VN062510.D (-1573) (-)

7.33

200000

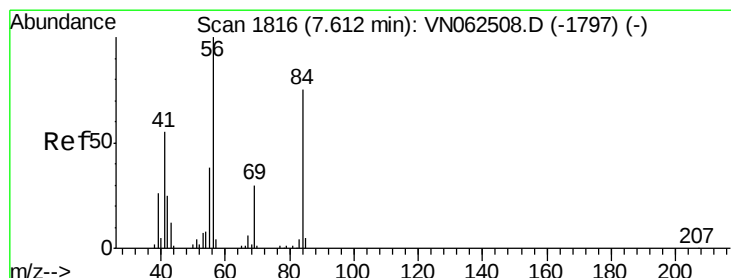
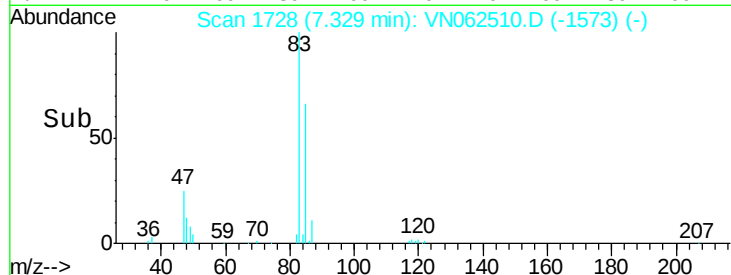
150000

100000

50000

0

Time-->



#26

Cyclohexane

Concen: 139.850 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VN062510.D

Acq: 13 Jul 2020 10:48

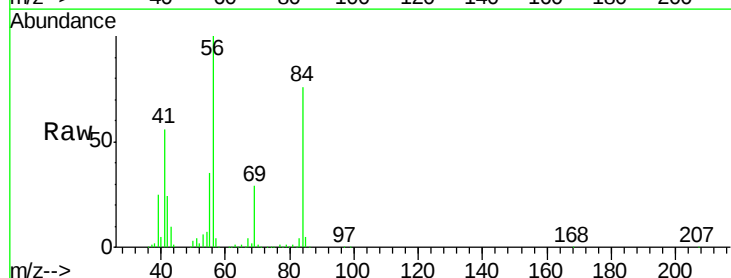
Tgt Ion: 56 Resp: 511550

Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 76.3 61.1 91.7



Abundance Ion 56.00 (55.70 to 56.70): VN062510.D (-1661) (-)

Ion 89.00 (88.70 to 89.70): VN062510.D (-1661) (-)

Ion 84.00 (83.70 to 84.70): VN062510.D (-1661) (-)

7.61

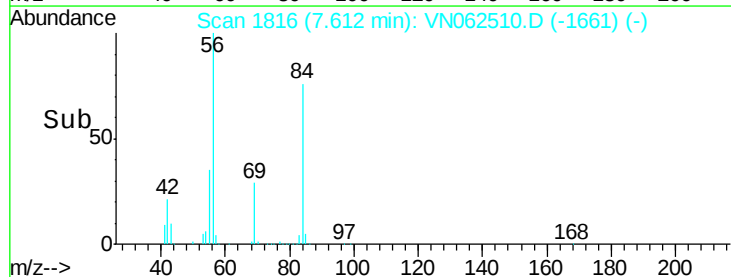
300000

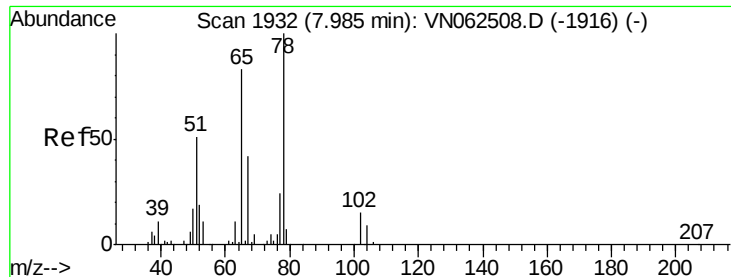
200000

100000

0

Time-->





#27

1,2-Dichloroethane-d4

Concen: 38.630 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN062510.D

Acq: 13 Jul 2020 10:48

Instrument :

MSVOA_N

ClientSampleId :

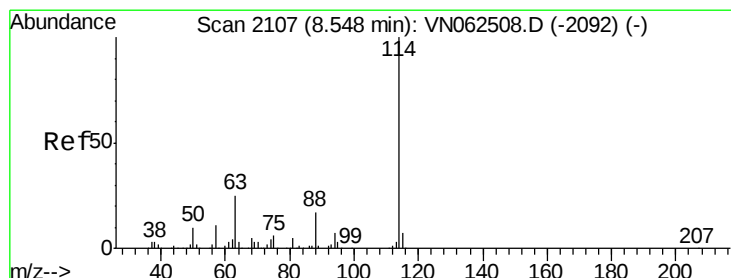
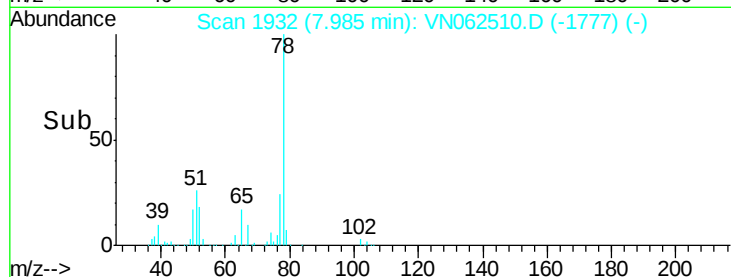
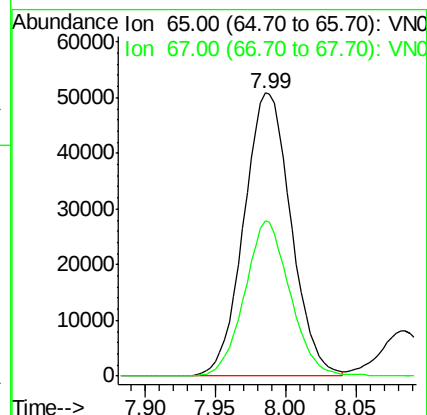
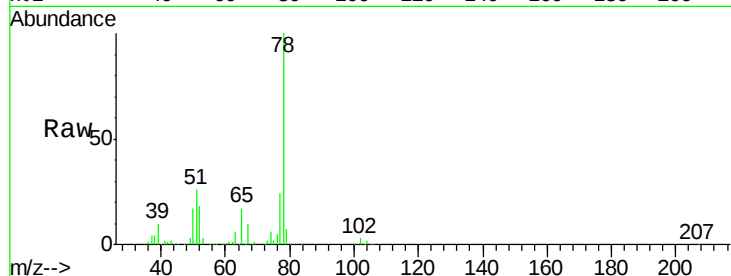
VSTDIC100

Tgt Ion: 65 Resp: 119068

Ion Ratio Lower Upper

65 100

67 52.7 41.7 62.5



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. 0.00 min

Lab File: VN062510.D

Acq: 13 Jul 2020 10:48

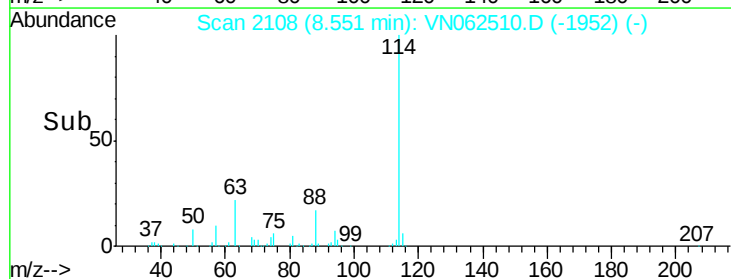
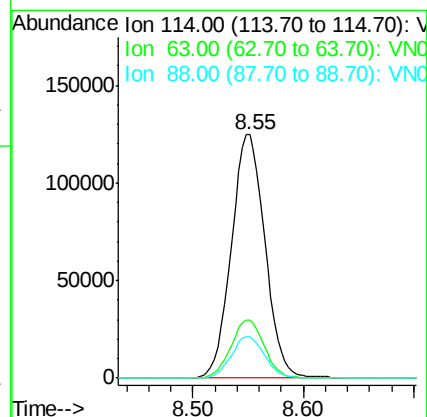
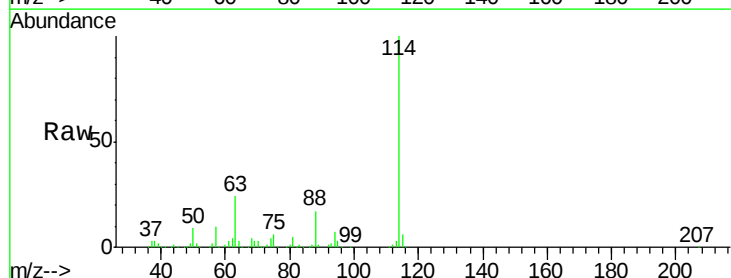
Tgt Ion: 114 Resp: 263567

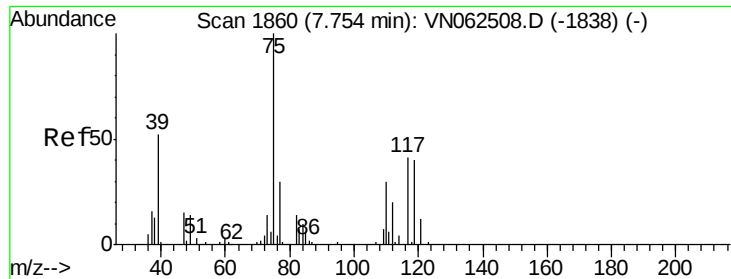
Ion Ratio Lower Upper

114 100

63 23.8 19.4 29.0

88 16.9 13.5 20.3

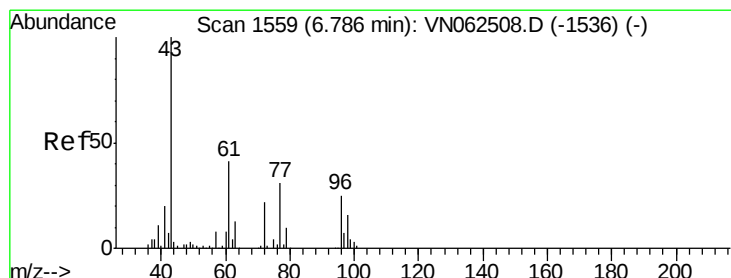
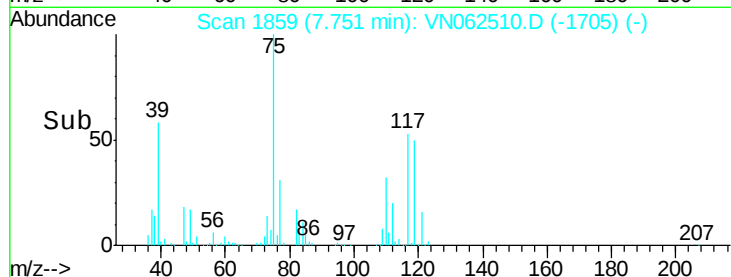
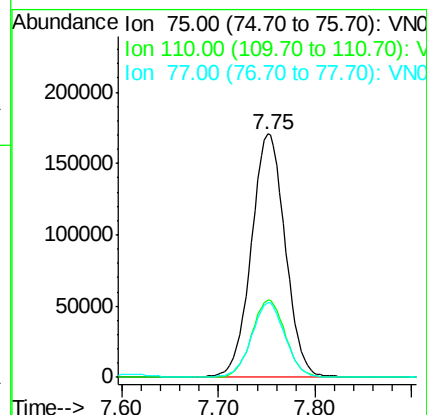
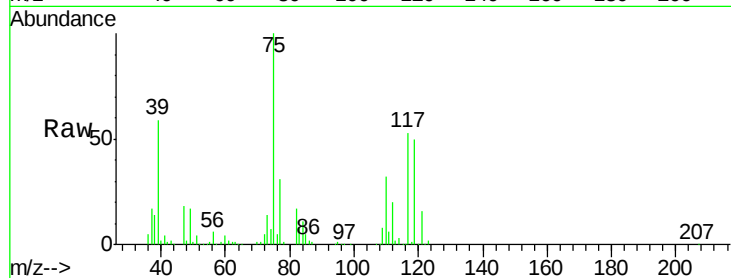




#29
 1,1-Dichloropropene
 Concen: 110.553 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062510.D
 Acq: 13 Jul 2020 10:48

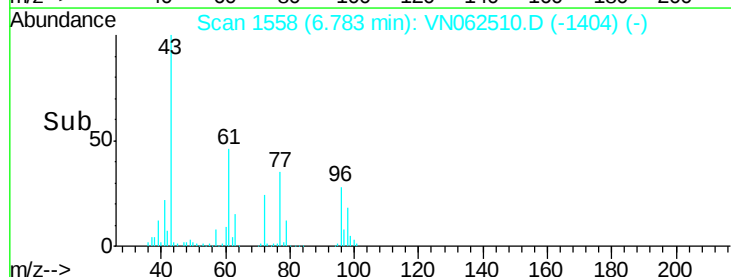
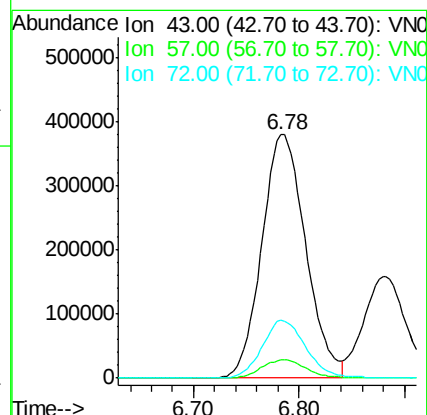
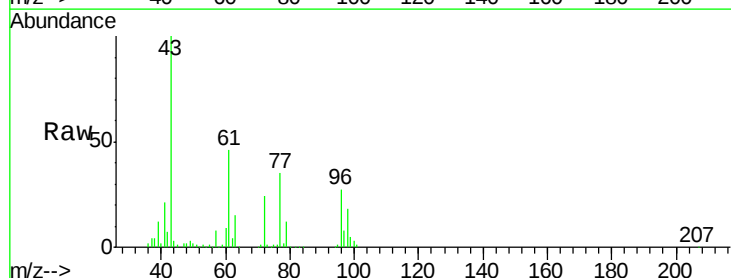
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

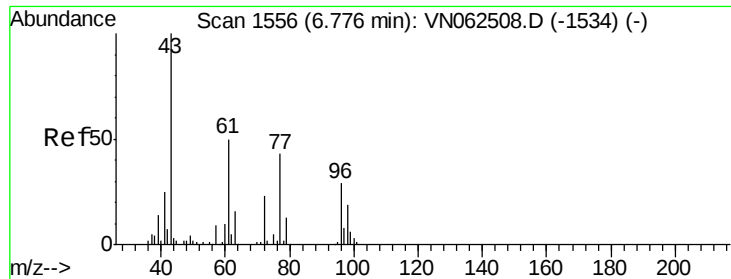
Tgt Ion: 75 Resp: 415765
 Ion Ratio Lower Upper
 75 100
 110 31.5 0.0 62.4
 77 30.6 0.0 62.8



#30
 2-Butanone
 Concen: 728.237 ug/l
 RT: 6.78 min Scan# 1558
 Delta R.T. -0.00 min
 Lab File: VN062510.D
 Acq: 13 Jul 2020 10:48

Tgt Ion: 43 Resp: 1096769
 Ion Ratio Lower Upper
 43 100
 57 7.8 6.6 9.8
 72 23.7 18.5 27.7

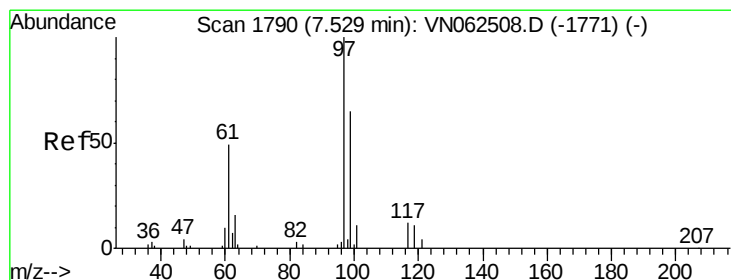
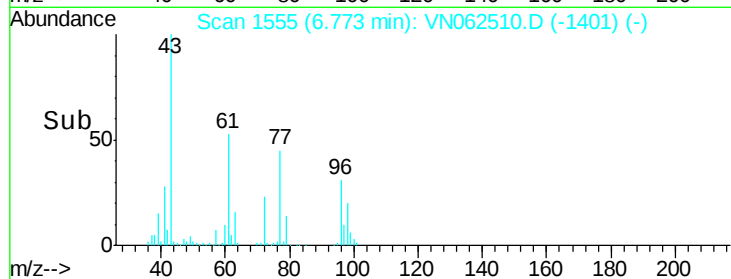
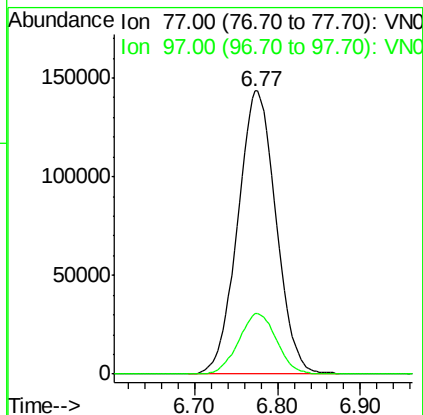
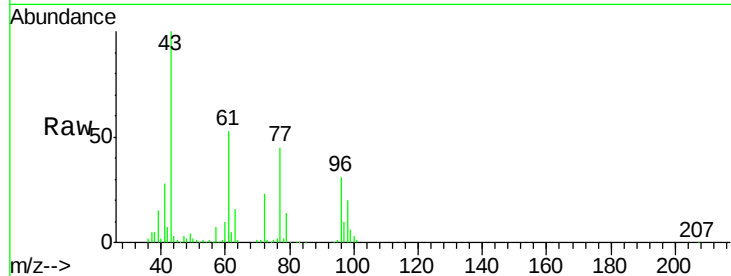




#31
 2,2-Dichloropropane
 Concen: 104.380 ug/l
 RT: 6.77 min Scan# 1555
 Delta R.T. -0.00 min
 Lab File: VN062510.D
 Acq: 13 Jul 2020 10:48

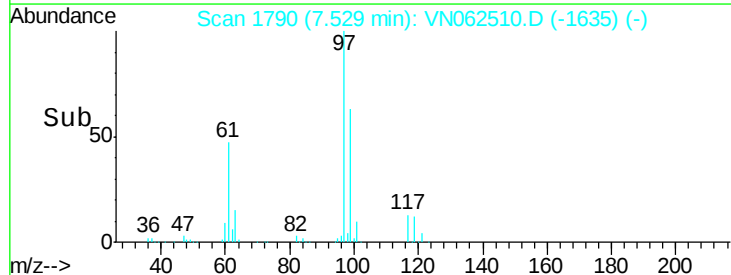
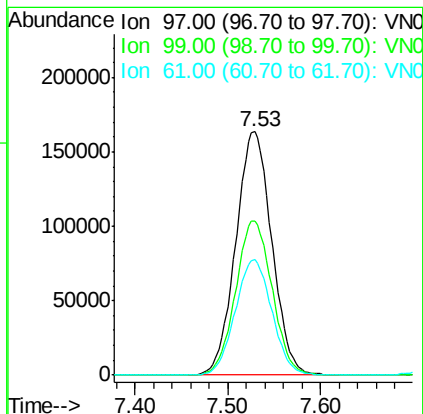
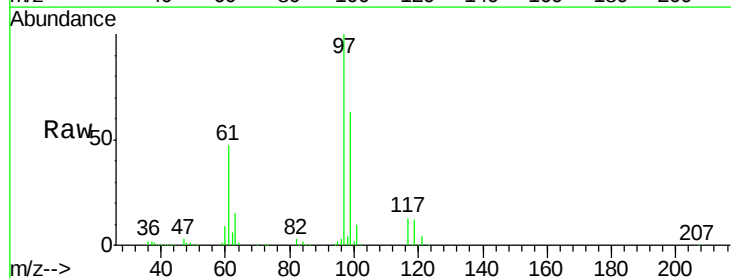
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

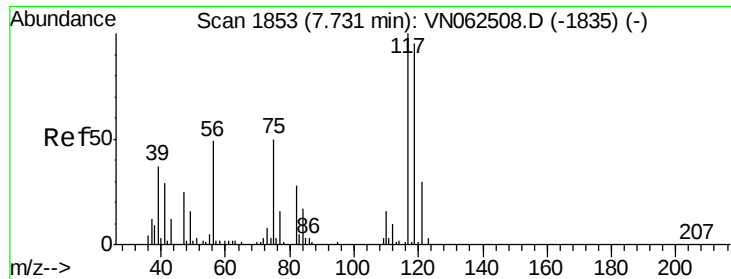
Tgt Ion: 77 Resp: 459172
 Ion Ratio Lower Upper
 77 100
 97 21.3 8.6 12.8#



#32
 1,1,1-Trichloroethane
 Concen: 94.962 ug/l
 RT: 7.53 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VN062510.D
 Acq: 13 Jul 2020 10:48

Tgt Ion: 97 Resp: 441573
 Ion Ratio Lower Upper
 97 100
 99 64.0 51.8 77.8
 61 48.3 39.4 59.0

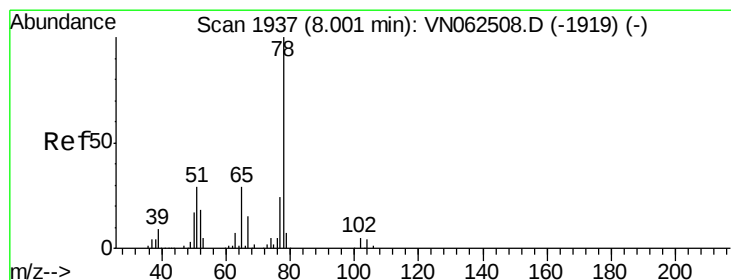
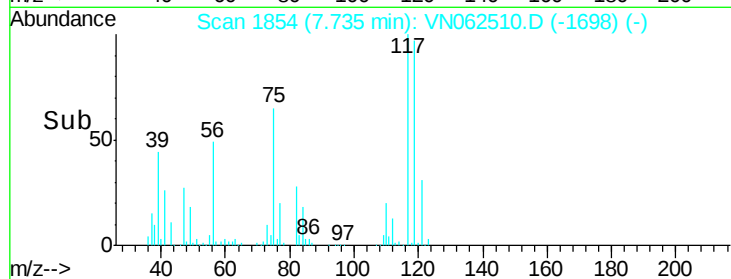
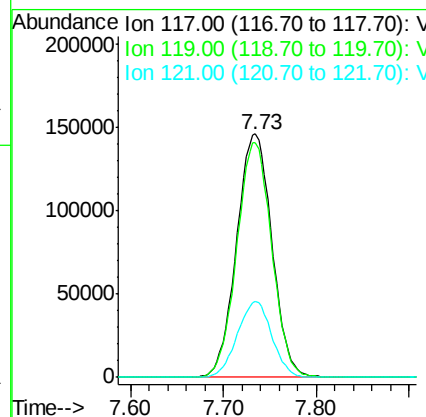
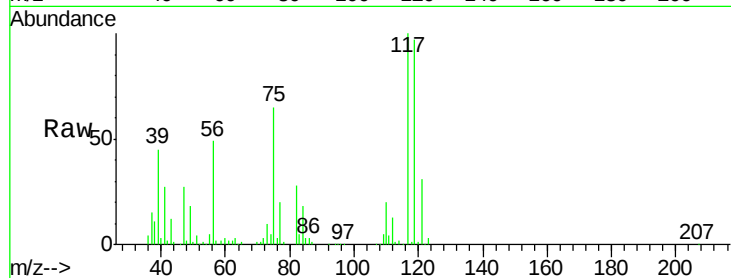




#33
Carbon Tetrachloride
Concen: 100.215 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VN062510.D
Acq: 13 Jul 2020 10:48

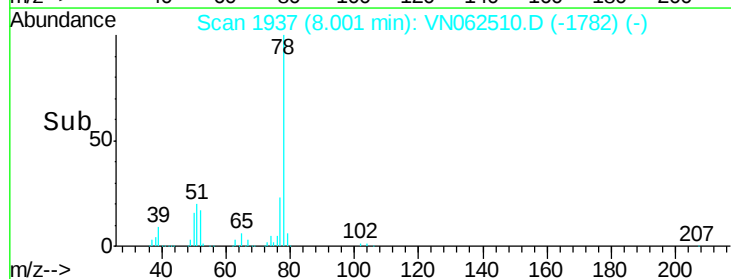
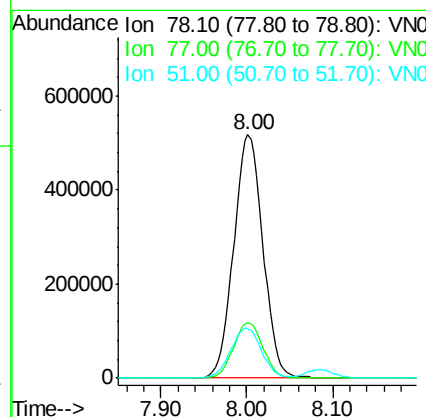
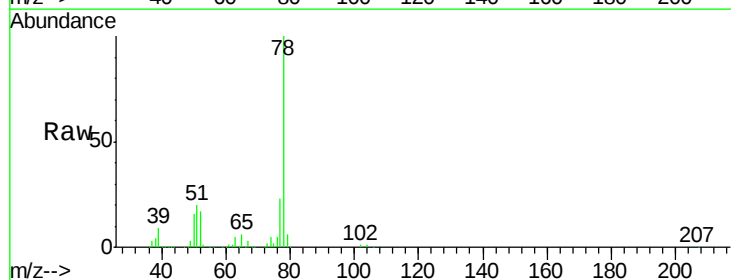
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

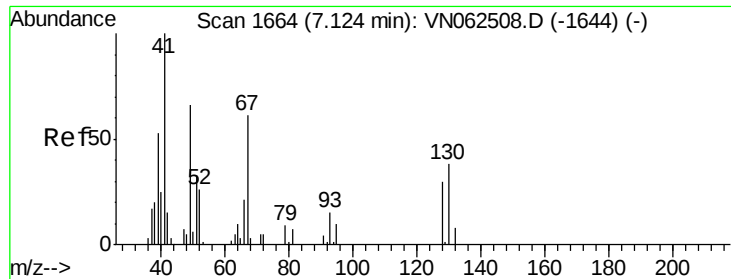
Tgt Ion: 117 Resp: 385787
Ion Ratio Lower Upper
117 100
119 96.5 76.2 114.4
121 31.1 23.8 35.6



#34
Benzene
Concen: 104.830 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062510.D
Acq: 13 Jul 2020 10:48

Tgt Ion: 78 Resp: 1220681
Ion Ratio Lower Upper
78 100
77 22.8 18.9 28.3
51 20.4 23.1 34.7#

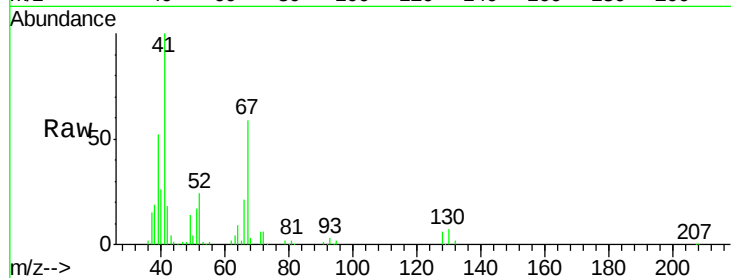




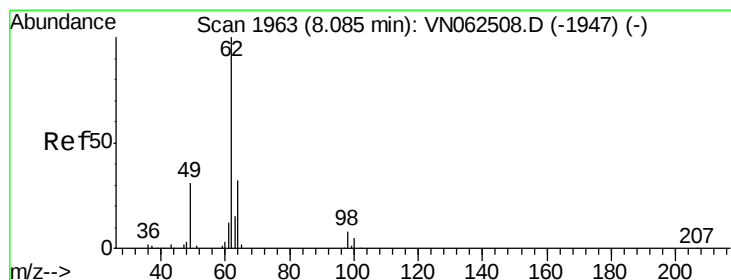
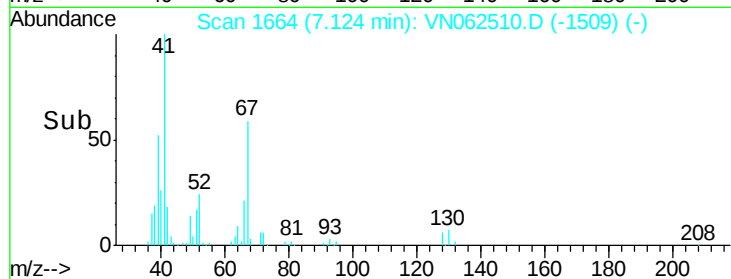
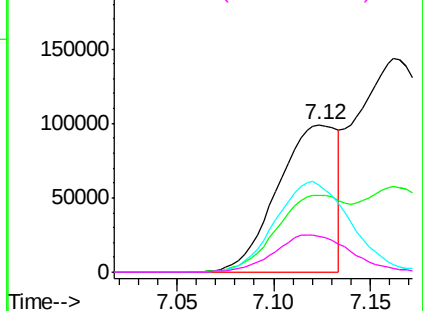
#35
Methacrylonitrile
Concen: 158.979 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. -0.00 min
Lab File: VN062510.D
Acq: 13 Jul 2020 10:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:	41	Resp:	211634
Ion	Ratio	Lower	Upper
41	100		
39	52.3	26.5	79.5
67	59.5	30.7	92.1
52	24.0	13.0	39.0

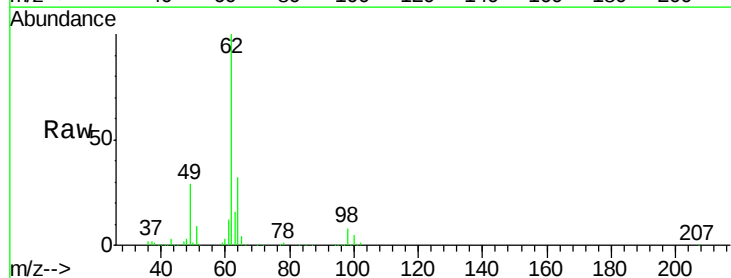


Abundance Ion 41.00 (40.70 to 41.70): VN062510.D (-1509) (-)
Ion 39.00 (38.70 to 39.70): VN062510.D (-1509) (-)
Ion 67.00 (66.70 to 67.70): VN062510.D (-1509) (-)
Ion 52.00 (51.70 to 52.70): VN062510.D (-1509) (-)

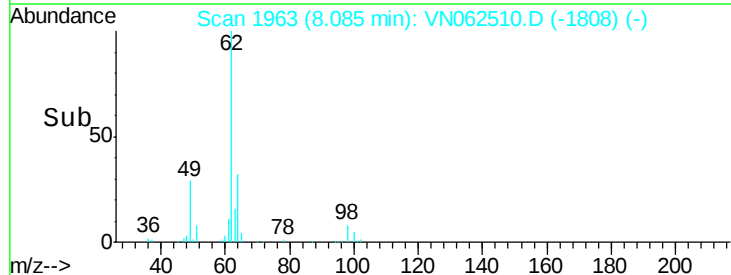
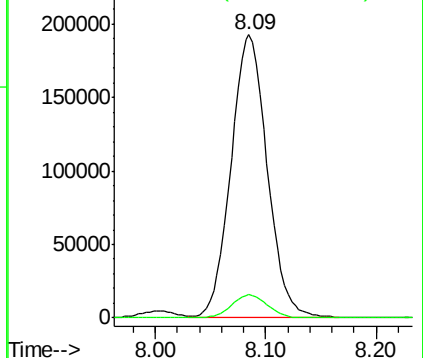


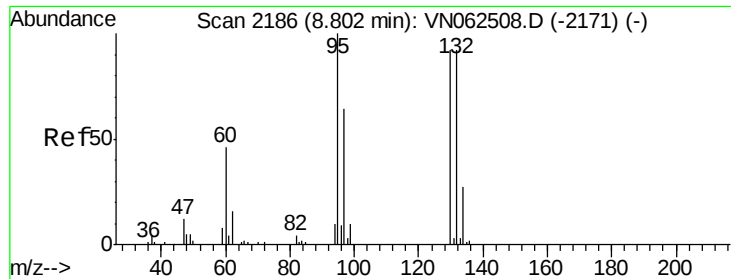
#36
1,2-Dichloroethane
Concen: 112.536 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062510.D
Acq: 13 Jul 2020 10:48

Tgt Ion:	62	Resp:	435404
Ion	Ratio	Lower	Upper
62	100		
98	8.2	6.6	9.8



Abundance Ion 62.00 (61.70 to 62.70): VN062510.D (-1808) (-)
Ion 98.00 (97.70 to 98.70): VN062510.D (-1808) (-)

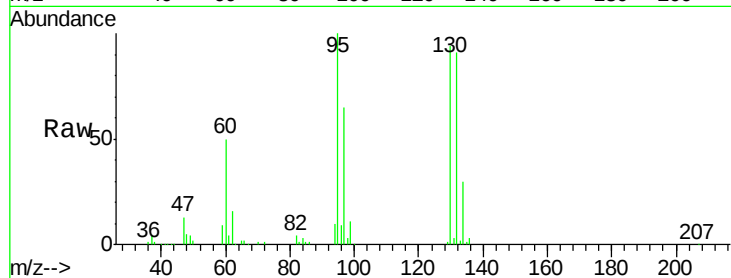




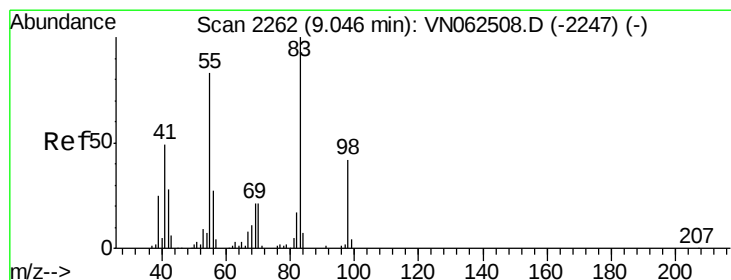
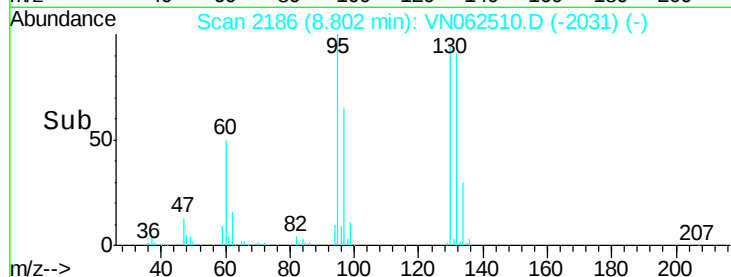
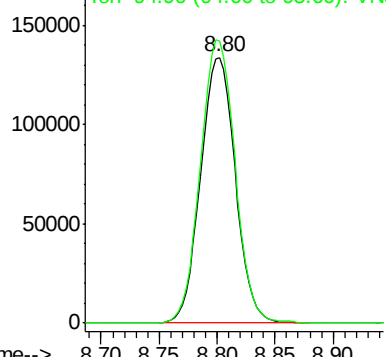
#37
 Trichloroethene
 Concen: 81.573 ug/l
 RT: 8.80 min Scan# 2186
 Delta R.T. -0.00 min
 Lab File: VN062510.D
 Acq: 13 Jul 2020 10:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tgt Ion:130 Resp: 277757
 Ion Ratio Lower Upper
 130 100
 95 106.2 86.5 129.7

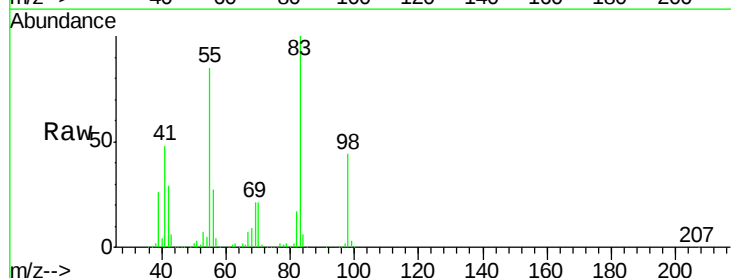


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VN0

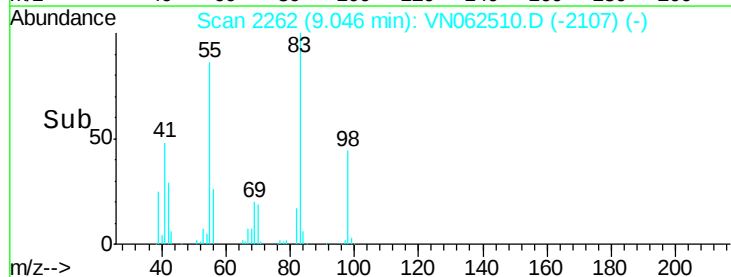
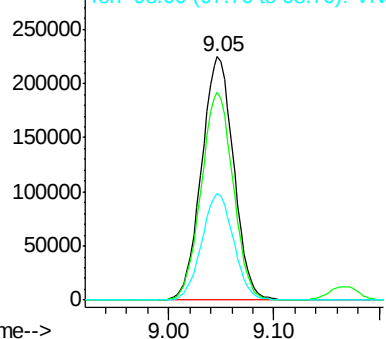


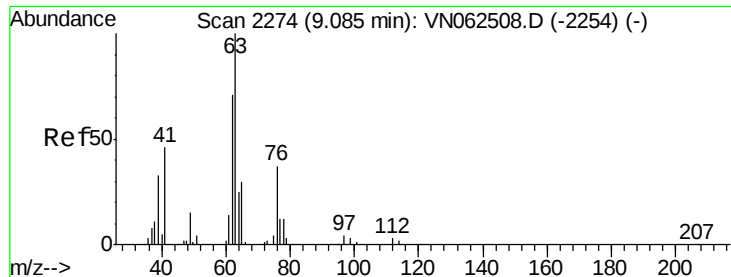
#38
 Methylcyclohexane
 Concen: 113.040 ug/l
 RT: 9.05 min Scan# 2262
 Delta R.T. -0.00 min
 Lab File: VN062510.D
 Acq: 13 Jul 2020 10:48

Tgt Ion: 83 Resp: 474361
 Ion Ratio Lower Upper
 83 100
 55 84.7 42.8 128.3
 98 43.6 21.9 65.7



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





#39

1,2-Dichloropropane

Concen: 118.723 ug/l

RT: 9.08 min Scan# 2274

Delta R.T. -0.00 min

Lab File: VN062510.D

Acq: 13 Jul 2020 10:48

Instrument :

MSVOA_N

ClientSampleId :

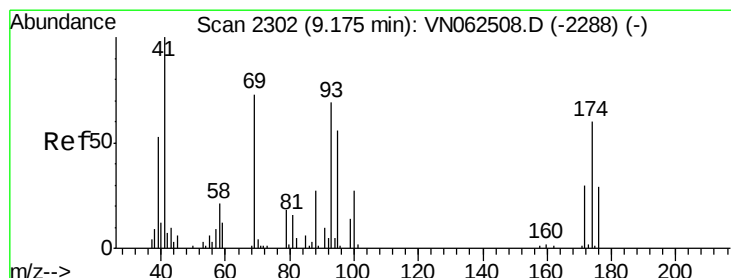
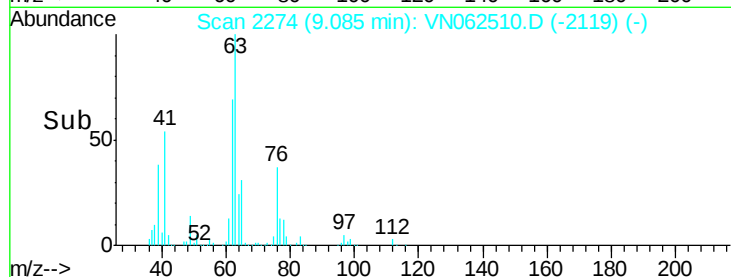
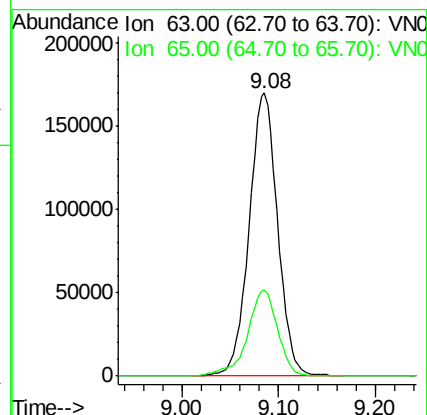
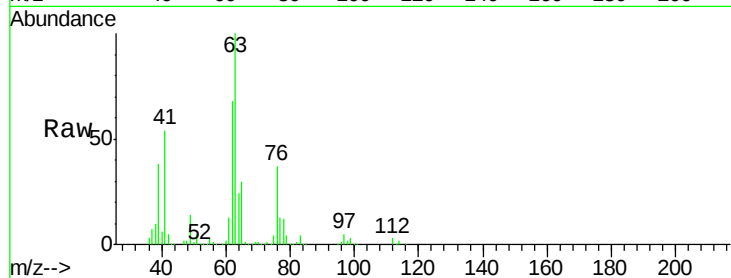
VSTDIC100

Tgt Ion: 63 Resp: 347140

Ion Ratio Lower Upper

63 100

65 30.4 24.2 36.4



#40

Dibromomethane

Concen: 96.664 ug/l

RT: 9.18 min Scan# 2302

Delta R.T. -0.00 min

Lab File: VN062510.D

Acq: 13 Jul 2020 10:48

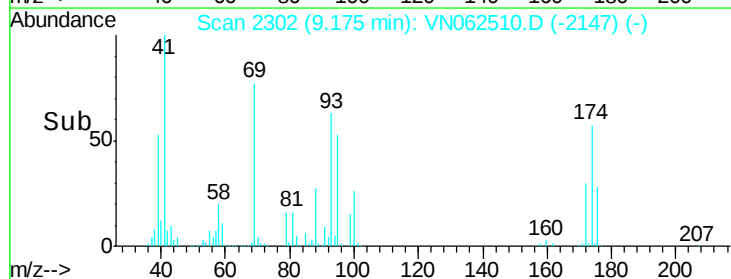
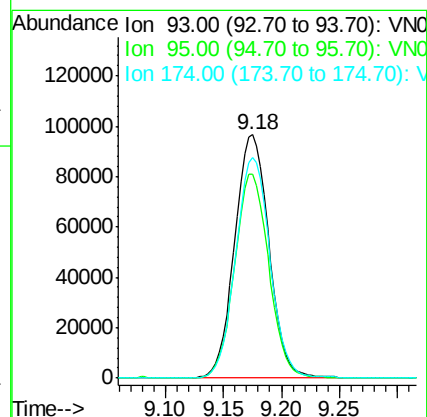
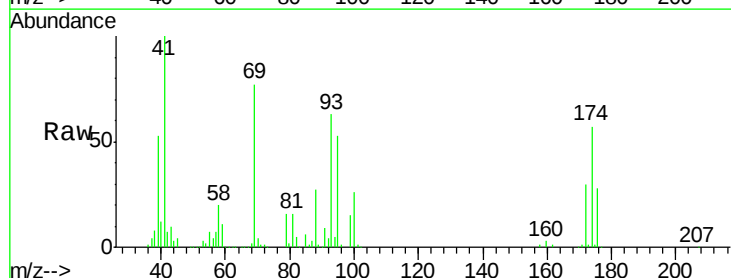
Tgt Ion: 93 Resp: 199060

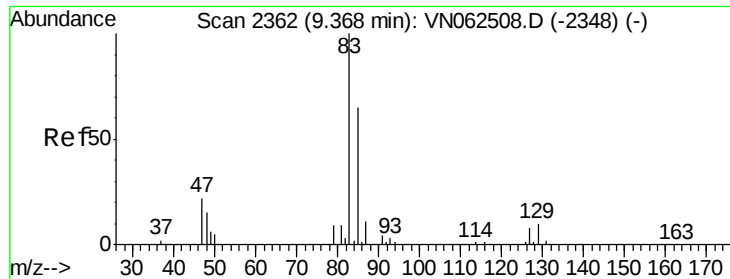
Ion Ratio Lower Upper

93 100

95 83.2 0.0 161.2

174 90.4 0.0 178.0





#41

Bromodichloromethane

Concen: 101.716 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. 0.00 min

Lab File: VN062510.D

Acq: 13 Jul 2020 10:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

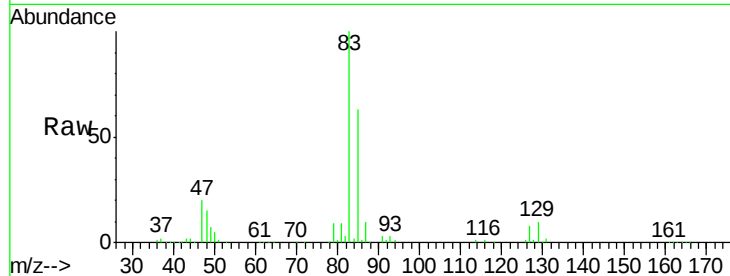
Tgt Ion: 83 Resp: 428695

Ion Ratio Lower Upper

83 100

85 63.0 51.6 77.4

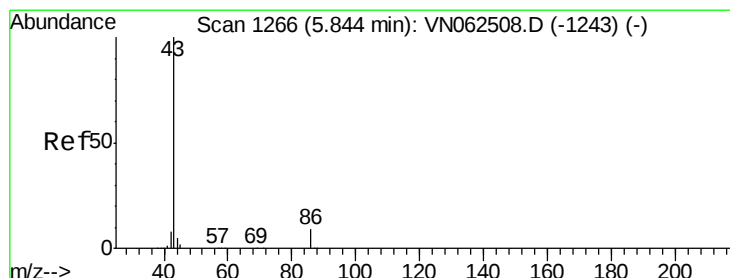
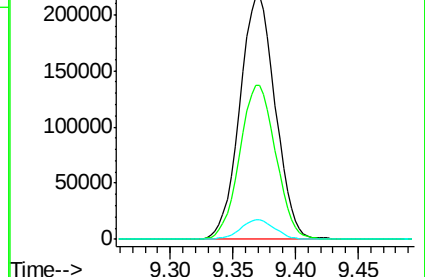
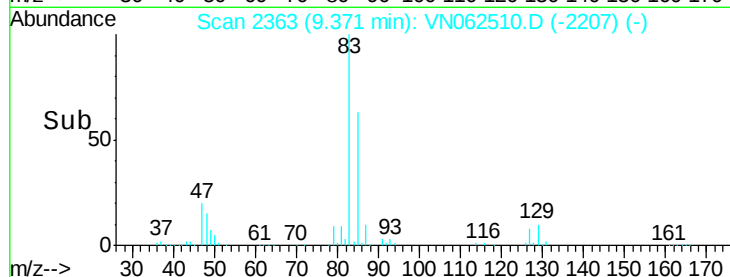
127 8.1 6.3 9.5



Abundance Ion 83.00 (82.70 to 83.70): VN062510.D (-2207) (-)

Ion 85.00 (84.70 to 85.70): VN062510.D (-2207) (-)

Ion 127.00 (126.70 to 127.70): VN062510.D (-2207) (-)



#42

Vinyl Acetate

Concen: 749.862 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. -0.00 min

Lab File: VN062510.D

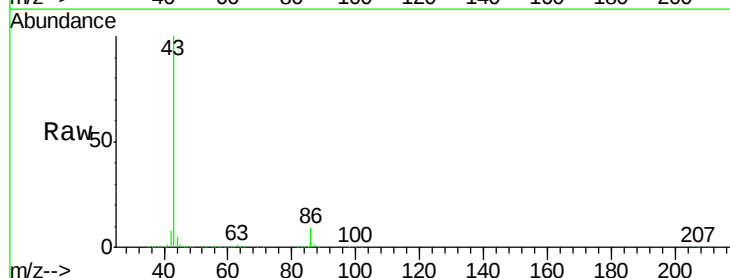
Acq: 13 Jul 2020 10:48

Tgt Ion: 43 Resp: 4591021

Ion Ratio Lower Upper

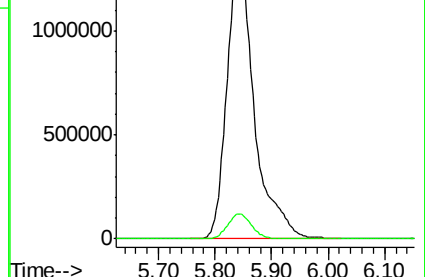
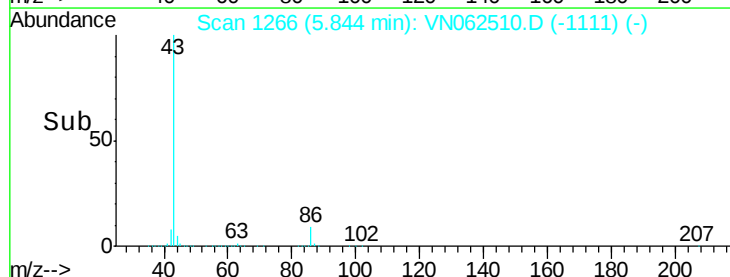
43 100

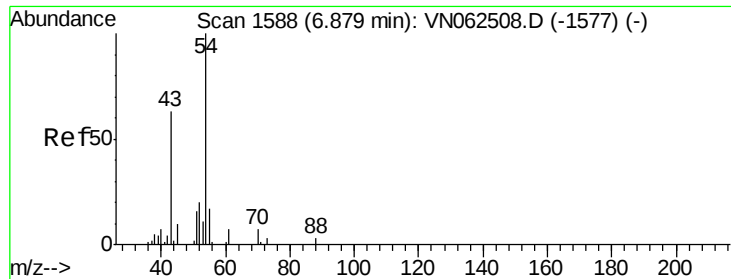
86 7.8 6.1 9.1



Abundance Ion 43.00 (42.70 to 43.70): VN062510.D (-1111) (-)

Ion 86.00 (85.70 to 86.70): VN062510.D (-1111) (-)





#43

Ethyl Acetate

Concen: 148.215 ug/l

RT: 6.88 min Scan# 1588

Delta R.T. -0.00 min

Lab File: VN062510.D

Acq: 13 Jul 2020 10:48

Instrument :

MSVOA_N

ClientSampleId :

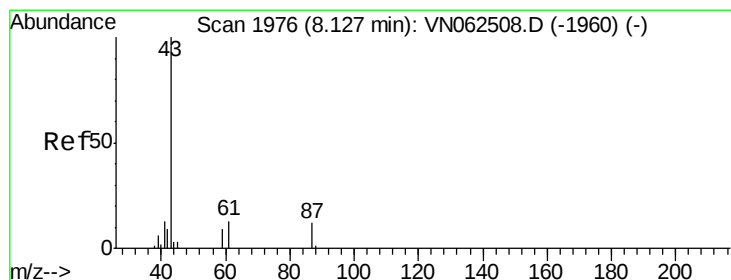
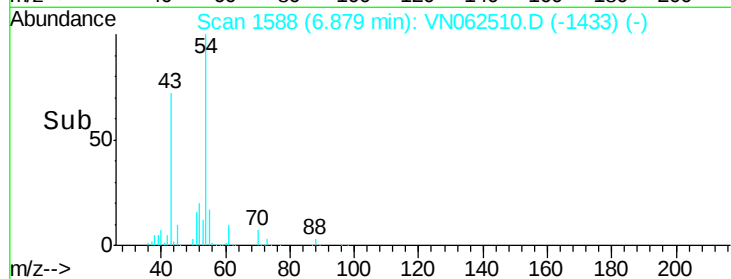
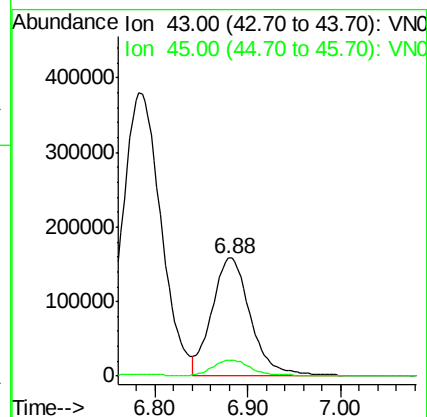
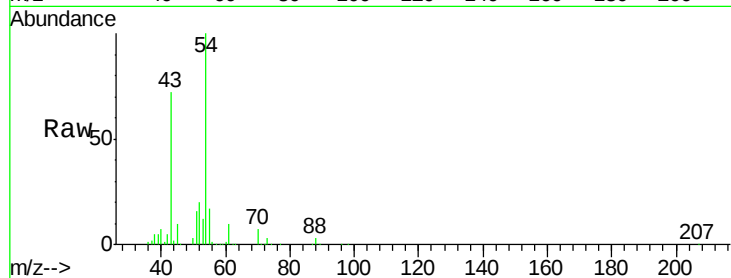
VSTDIC100

Tgt Ion: 43 Resp: 449582

Ion Ratio Lower Upper

43 100

45 14.5 10.2 15.4



#44

Isopropyl Acetate

Concen: 142.791 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN062510.D

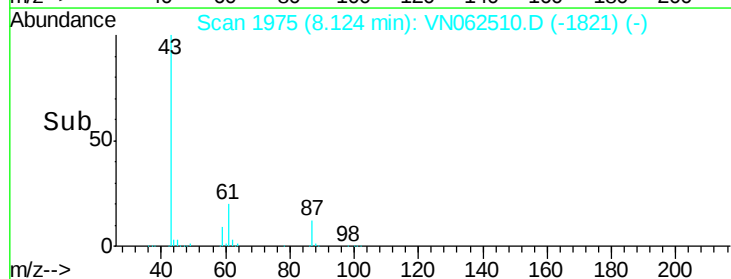
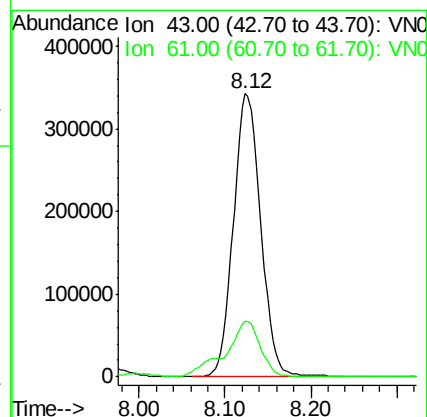
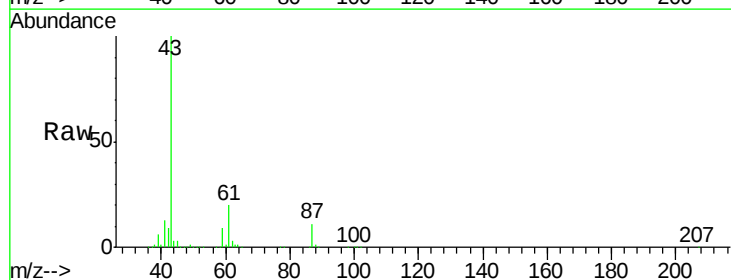
Acq: 13 Jul 2020 10:48

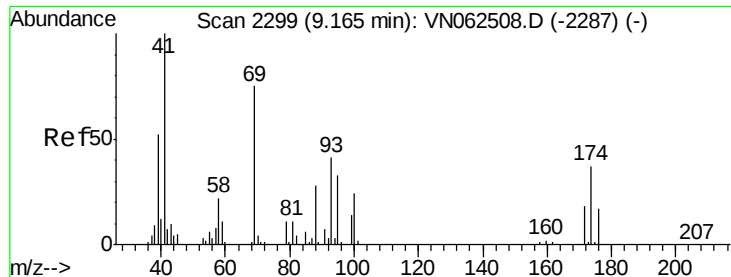
Tgt Ion: 43 Resp: 753422

Ion Ratio Lower Upper

43 100

61 19.3 14.7 22.1

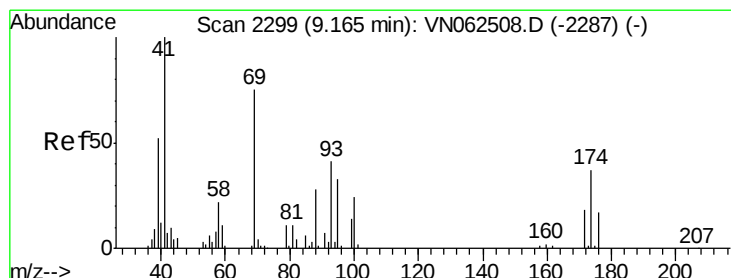
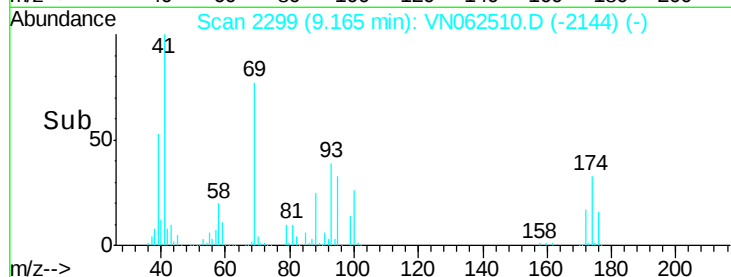
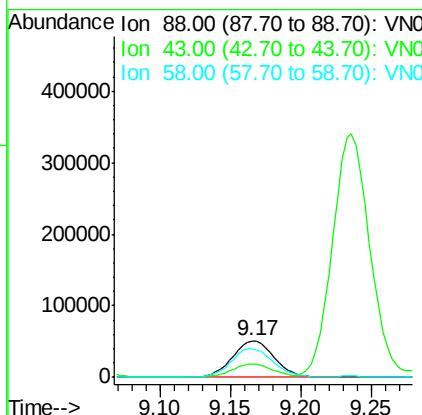
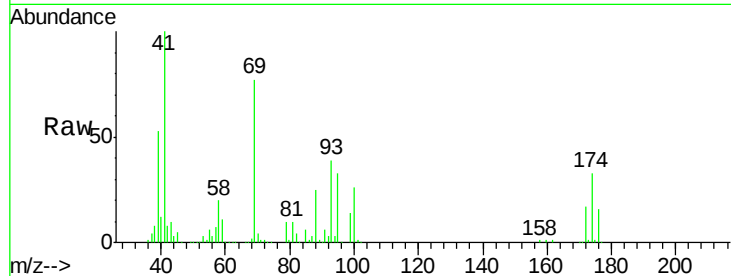




#45
1,4-Dioxane
Concen: 2131.814 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062510.D
Acq: 13 Jul 2020 10:48

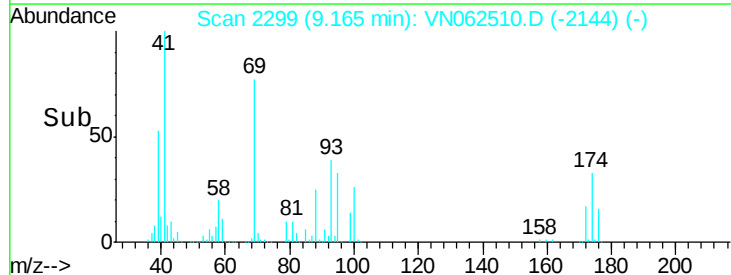
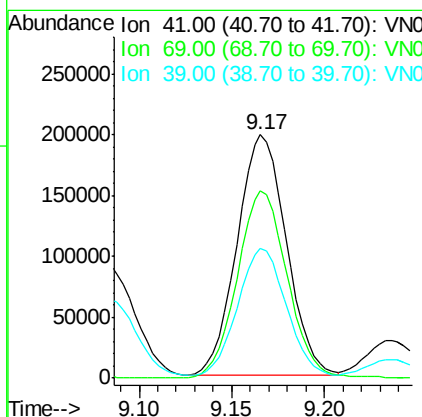
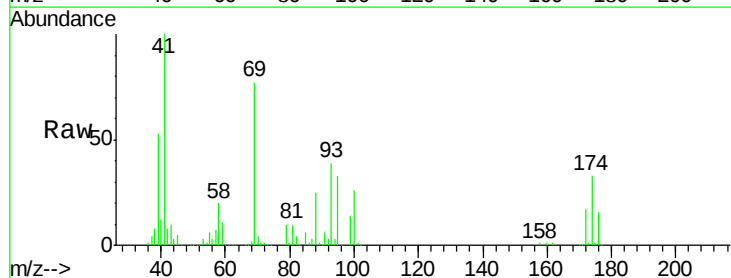
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

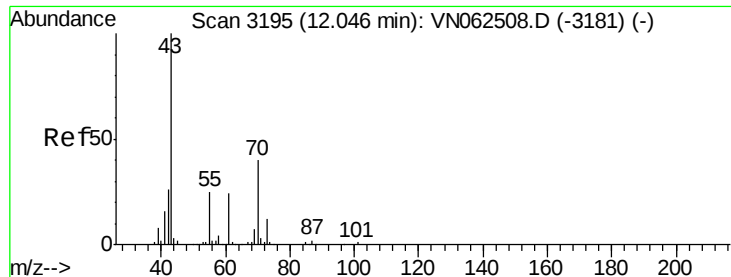
Tgt Ion: 88 Resp: 105399
Ion Ratio Lower Upper
88 100
43 35.0 29.2 43.8
58 78.9 62.2 93.4



#46
Methyl methacrylate
Concen: 153.707 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062510.D
Acq: 13 Jul 2020 10:48

Tgt Ion: 41 Resp: 365096
Ion Ratio Lower Upper
41 100
69 77.6 37.4 112.2
39 53.0 25.9 77.6

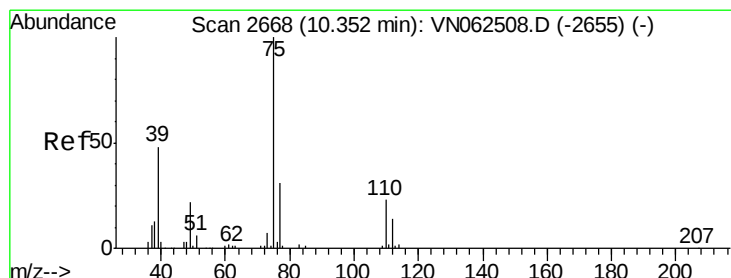
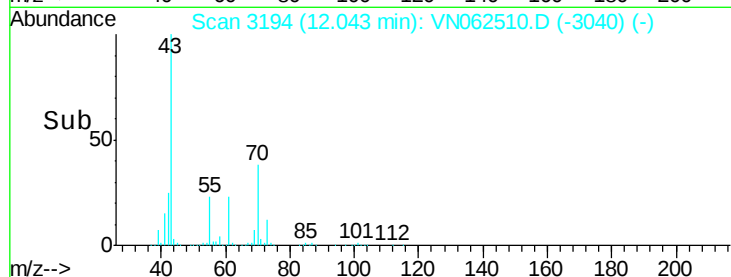
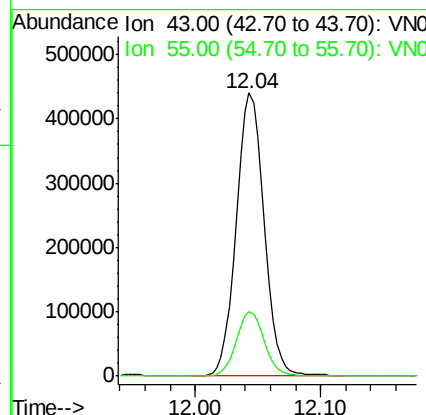
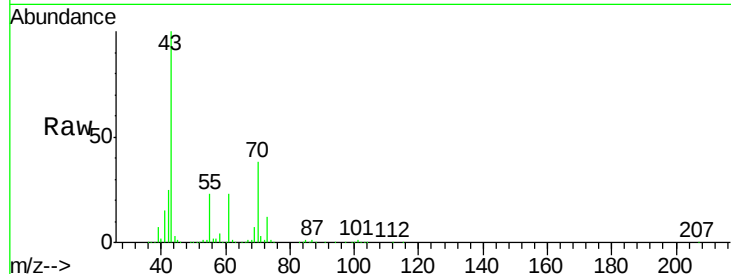




#47
n-amyl Acetate
Concen: 151.315 ug/l
RT: 12.04 min Scan# 3194
Delta R.T. -0.00 min
Lab File: VN062510.D
Acq: 13 Jul 2020 10:48

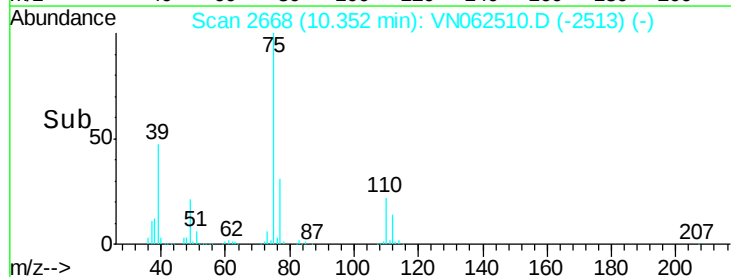
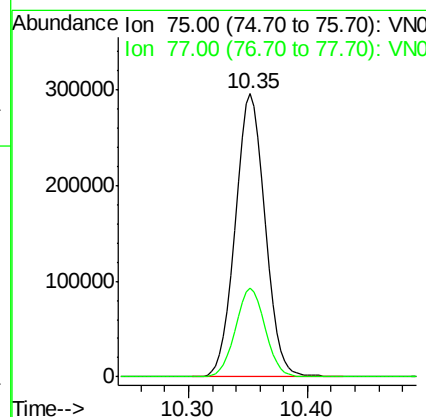
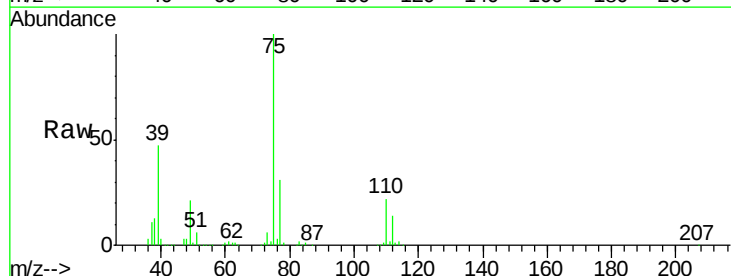
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

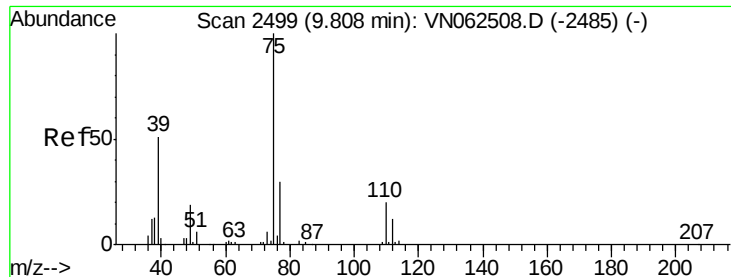
Tgt Ion: 43 Resp: 678326
Ion Ratio Lower Upper
43 100
55 23.1 20.4 30.6



#48
t-1,3-Dichloropropene
Concen: 113.789 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. -0.00 min
Lab File: VN062510.D
Acq: 13 Jul 2020 10:48

Tgt Ion: 75 Resp: 513553
Ion Ratio Lower Upper
75 100
77 31.4 25.0 37.4





#49

cis-1,3-Dichloropropene

Concen: 111.918 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN062510.D

Acq: 13 Jul 2020 10:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

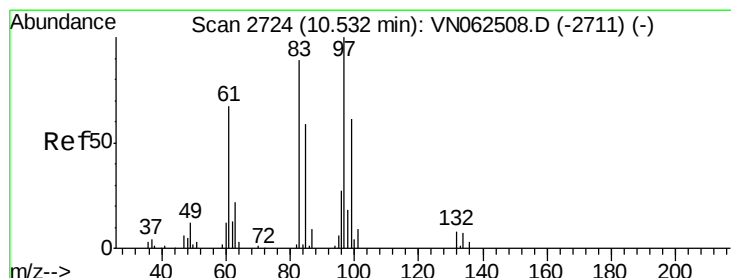
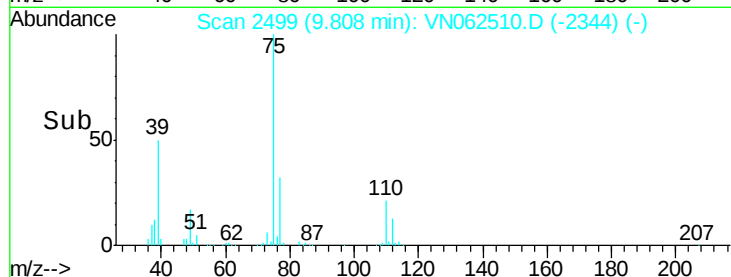
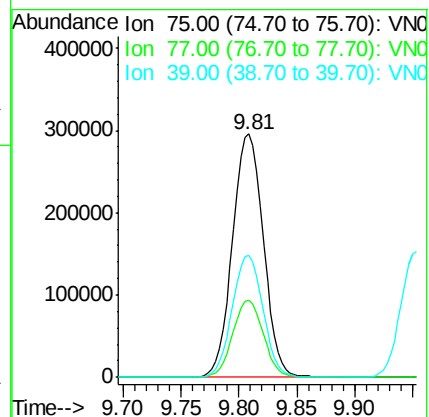
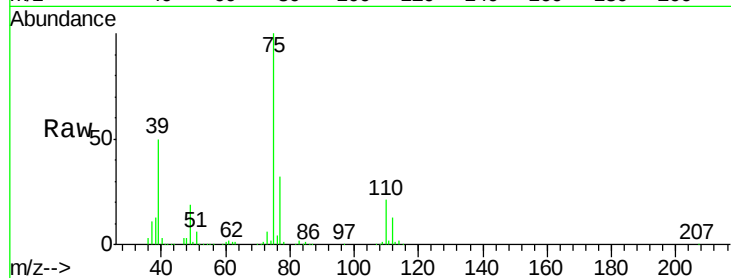
Tgt Ion: 75 Resp: 549271

Ion Ratio Lower Upper

75 100

77 31.7 23.7 35.5

39 50.0 40.5 60.7



#50

1,1,2-Trichloroethane

Concen: 93.195 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.00 min

Lab File: VN062510.D

Acq: 13 Jul 2020 10:48

Tgt Ion: 97 Resp: 278250

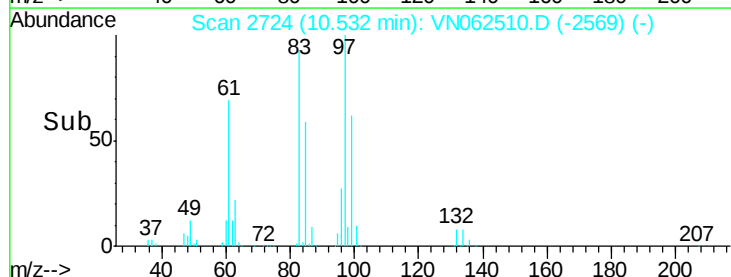
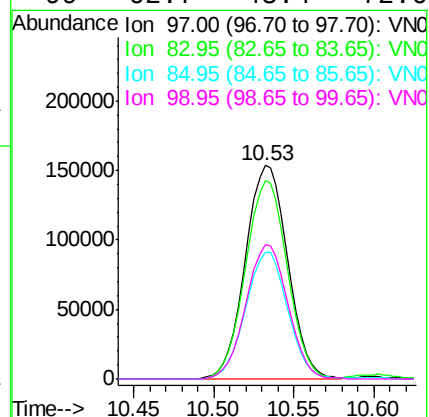
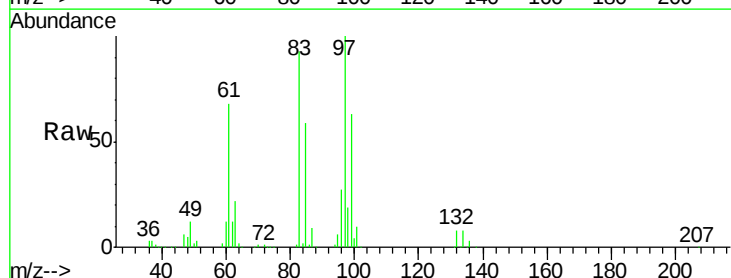
Ion Ratio Lower Upper

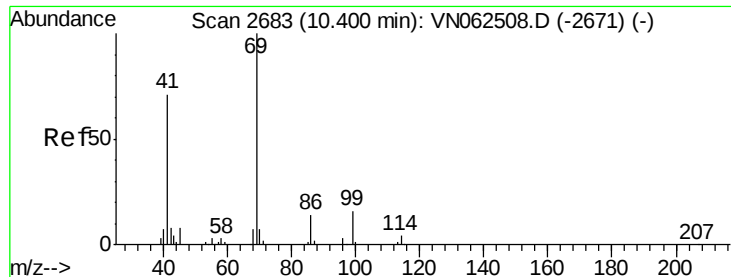
97 100

83 92.8 71.3 106.9

85 59.4 47.2 70.8

99 62.7 48.4 72.6





#51

Ethyl methacrylate

Concen: 120.635 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. -0.00 min

Lab File: VN062510.D

Acq: 13 Jul 2020 10:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

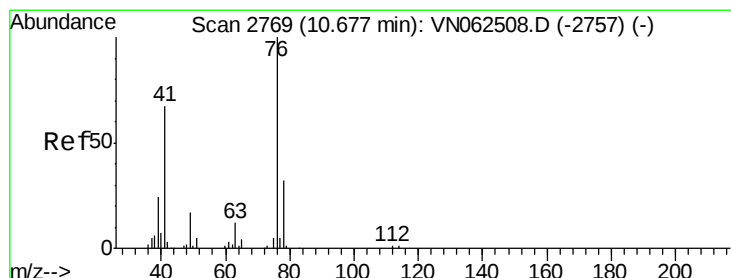
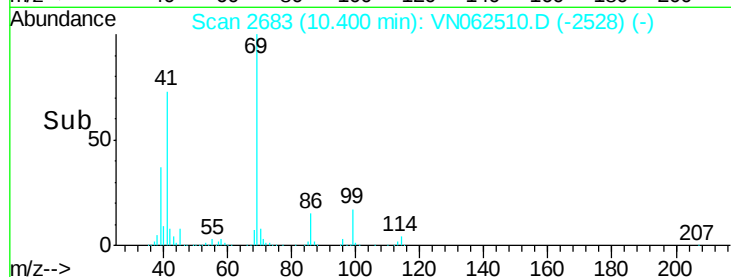
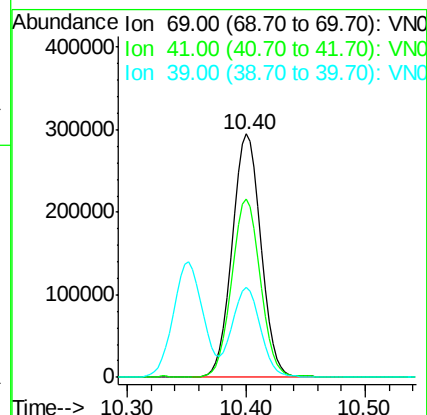
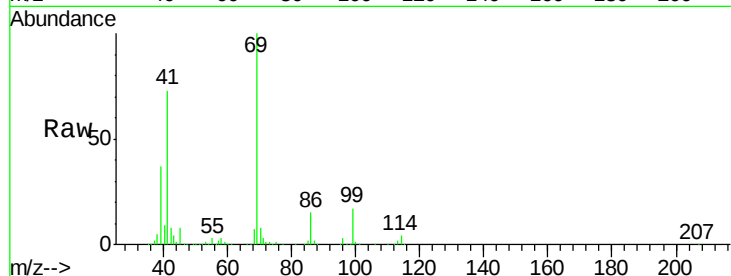
Tgt Ion: 69 Resp: 495741

Ion Ratio Lower Upper

69 100

41 73.1 35.6 106.8

39 36.6 17.2 51.5



#52

1,3-Dichloropropane

Concen: 105.837 ug/l

RT: 10.68 min Scan# 2769

Delta R.T. -0.00 min

Lab File: VN062510.D

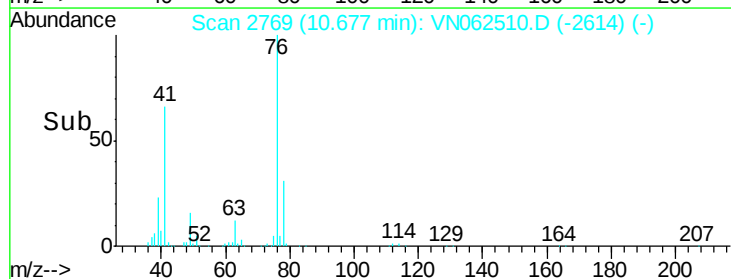
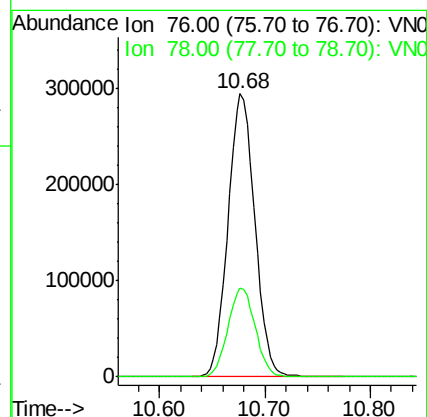
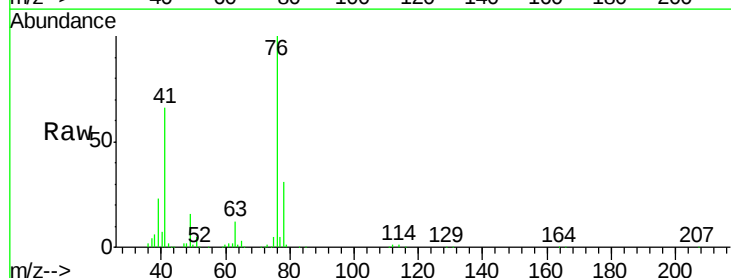
Acq: 13 Jul 2020 10:48

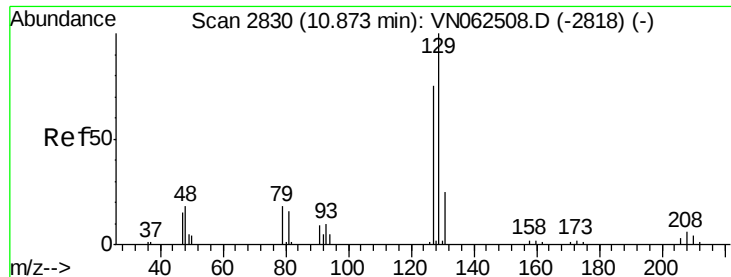
Tgt Ion: 76 Resp: 518192

Ion Ratio Lower Upper

76 100

78 31.9 0.0 63.6





#53

Dibromochloromethane

Concen: 91.455 ug/l

RT: 10.87 min Scan# 2830

Delta R.T. -0.00 min

Lab File: VN062510.D

Acq: 13 Jul 2020 10:48

Instrument :

MSVOA_N

ClientSampleId :

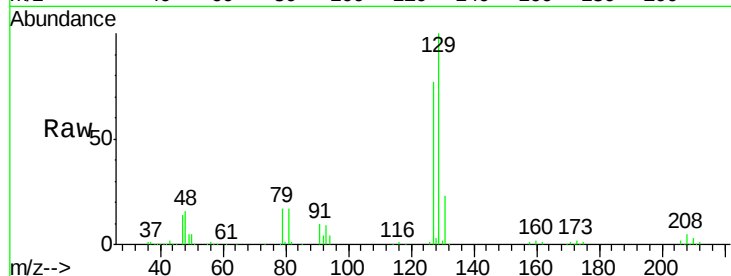
VSTDIC100

Tgt Ion:129 Resp: 316356

Ion Ratio Lower Upper

129 100

127 77.7 38.1 114.5



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

10.87

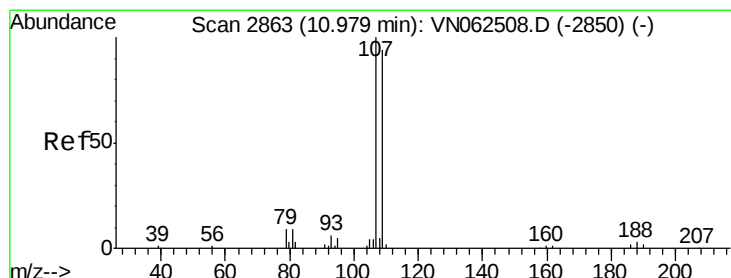
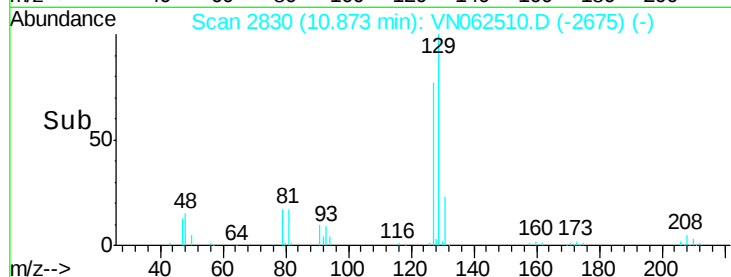
150000

100000

50000

0

Time-->



#54

1,2-Dibromoethane

Concen: 94.693 ug/l

RT: 10.98 min Scan# 2862

Delta R.T. -0.00 min

Lab File: VN062510.D

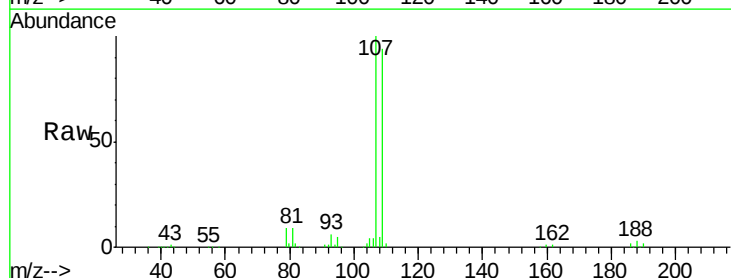
Acq: 13 Jul 2020 10:48

Tgt Ion:107 Resp: 292138

Ion Ratio Lower Upper

107 100

109 94.0 74.8 112.2



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

10.98

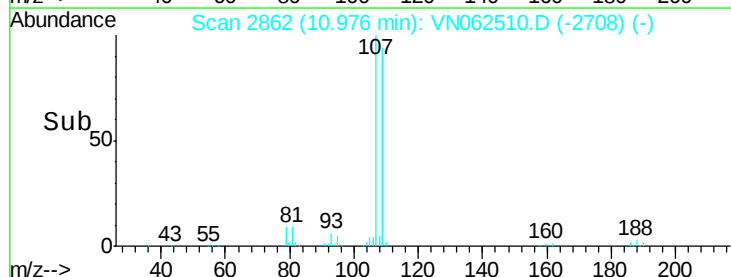
150000

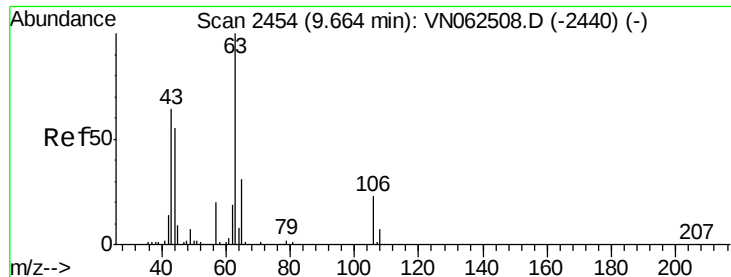
100000

50000

0

Time-->

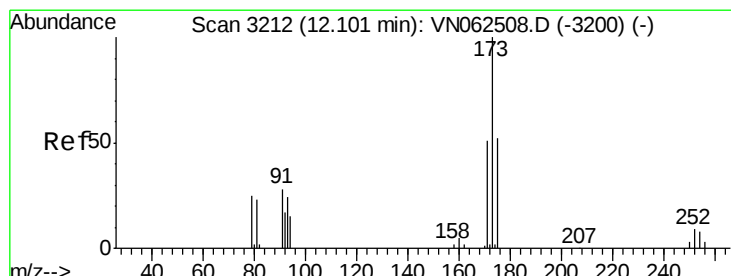
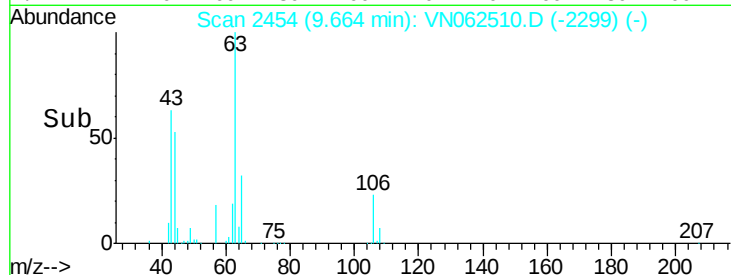
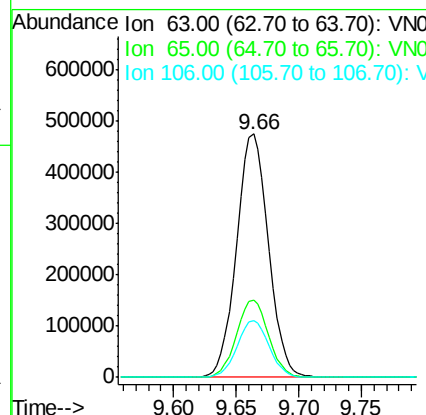
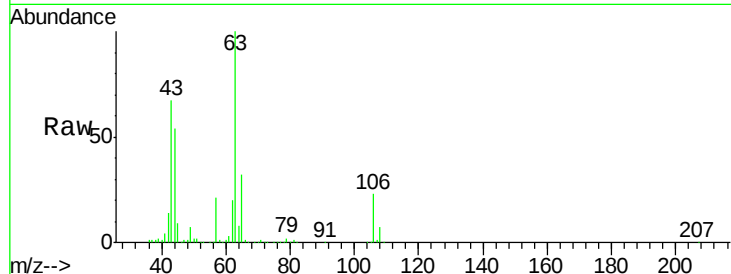




#55
 2-Chloroethyl vinyl ether
 Concen: 556.442 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. -0.00 min
 Lab File: VN062510.D
 Acq: 13 Jul 2020 10:48

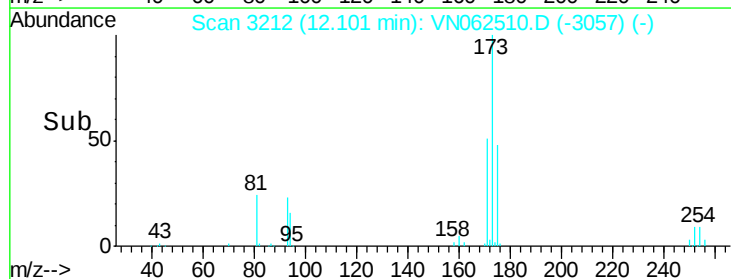
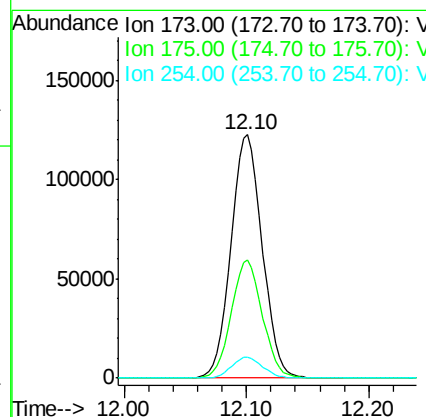
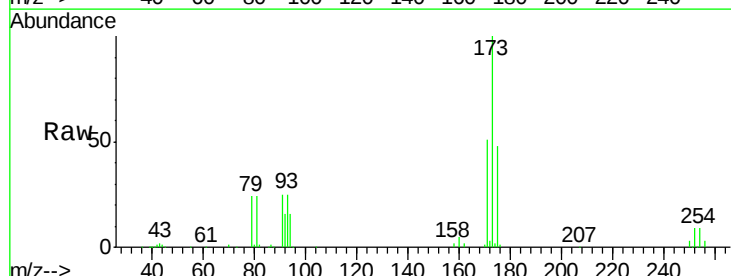
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

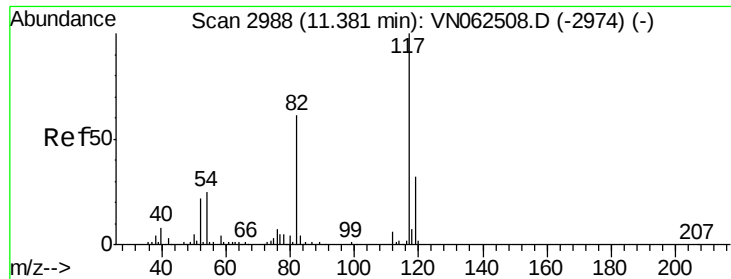
Tgt Ion: 63 Resp: 842306
 Ion Ratio Lower Upper
 63 100
 65 31.8 25.4 38.2
 106 23.3 18.4 27.6



#56
 Bromoform
 Concen: 90.839 ug/l
 RT: 12.10 min Scan# 3212
 Delta R.T. -0.00 min
 Lab File: VN062510.D
 Acq: 13 Jul 2020 10:48

Tgt Ion: 173 Resp: 219617
 Ion Ratio Lower Upper
 173 100
 175 48.1 38.1 57.1
 254 8.5 6.2 9.2

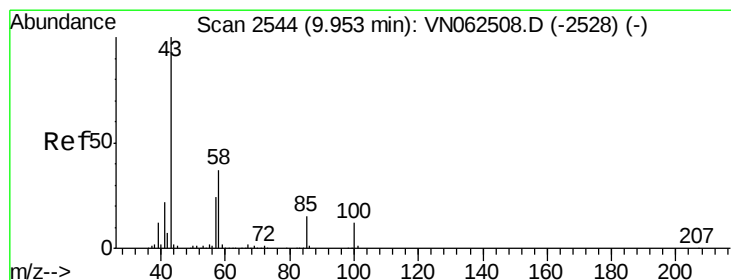
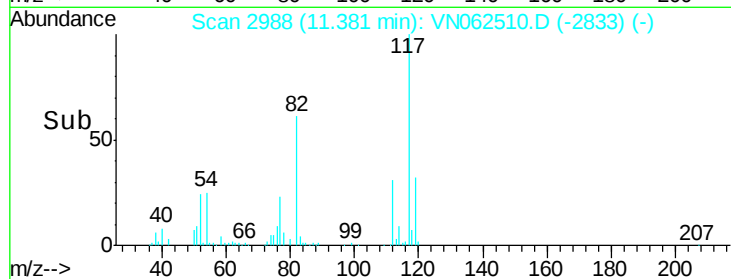
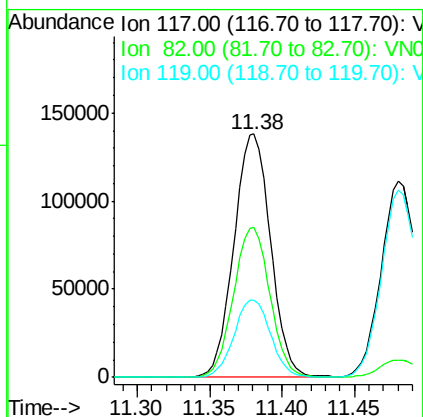
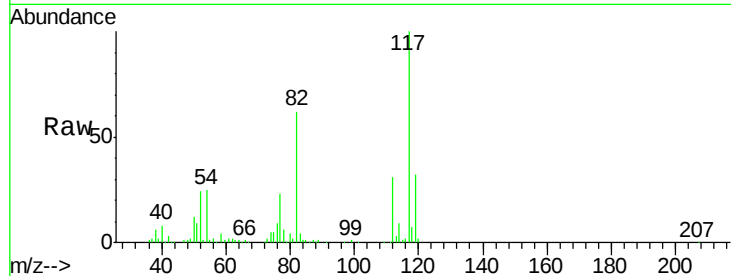




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062510.D
Acq: 13 Jul 2020 10:48

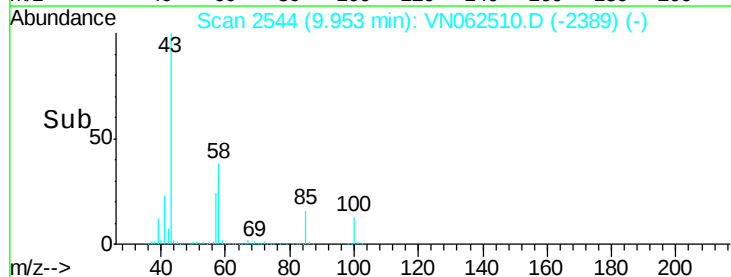
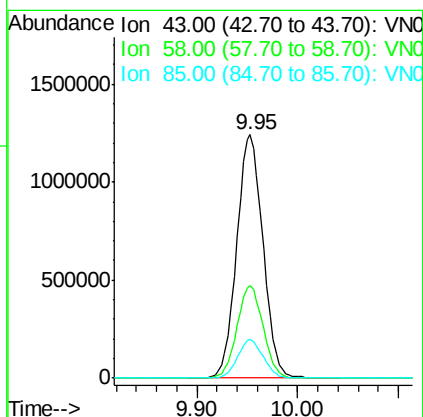
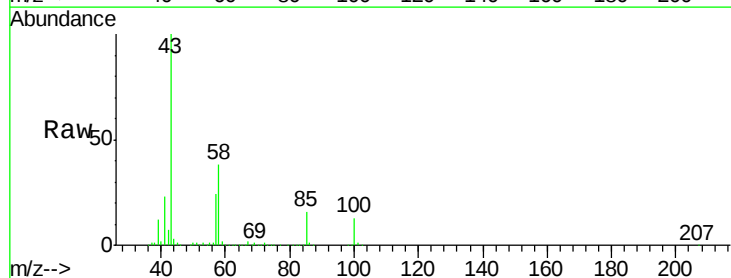
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

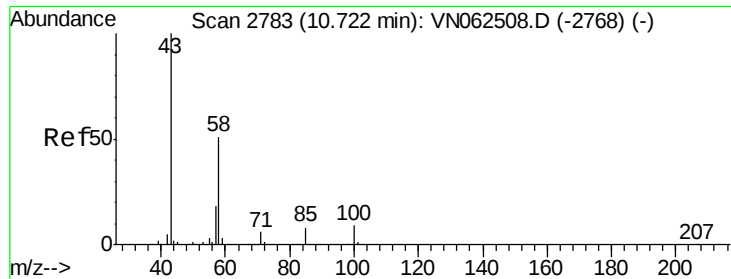
Tgt Ion: 117 Resp: 242958
Ion Ratio Lower Upper
117 100
82 61.2 49.0 73.6
119 31.9 25.6 38.4



#58
4-Methyl-2-Pentanone
Concen: 733.420 ug/l
RT: 9.95 min Scan# 2544
Delta R.T. -0.00 min
Lab File: VN062510.D
Acq: 13 Jul 2020 10:48

Tgt Ion: 43 Resp: 2228377
Ion Ratio Lower Upper
43 100
58 37.9 29.6 44.4
85 15.5 12.0 18.0

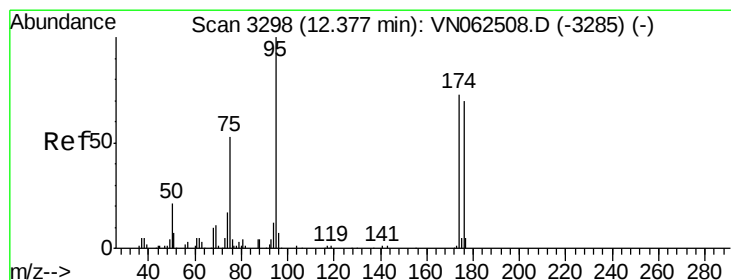
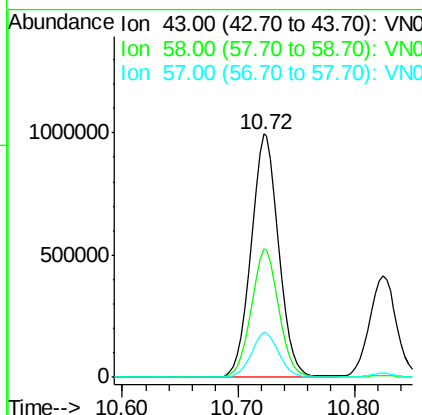
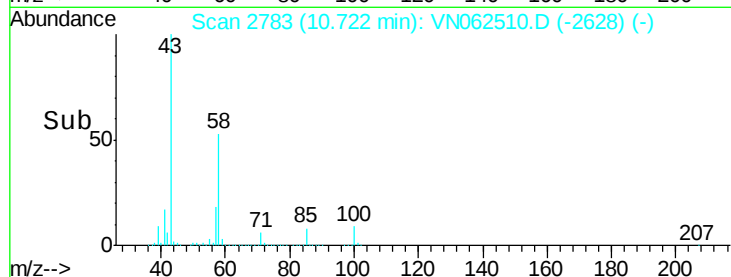
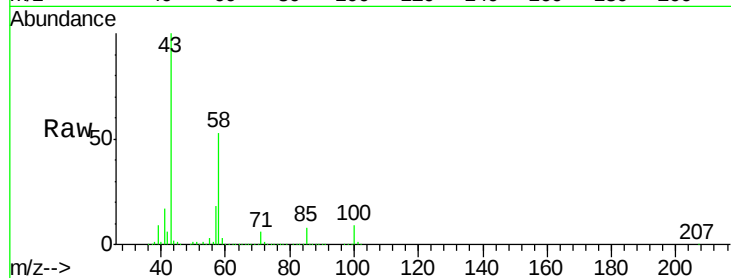




#59
2-Hexanone
Concen: 744.684 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN062510.D
Acq: 13 Jul 2020 10:48

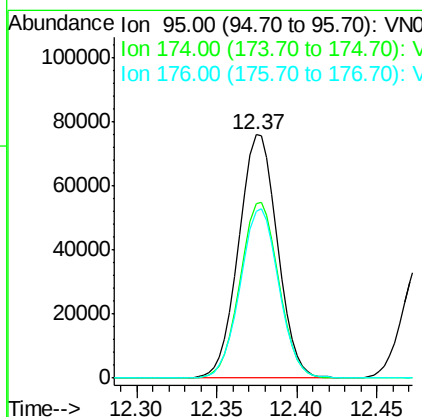
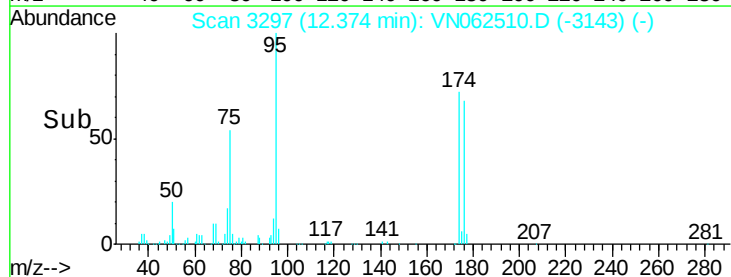
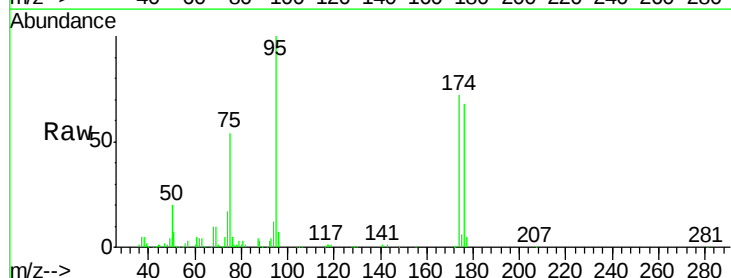
Instrument :
MSVOA_N
ClientSampled :
VSTDICC100

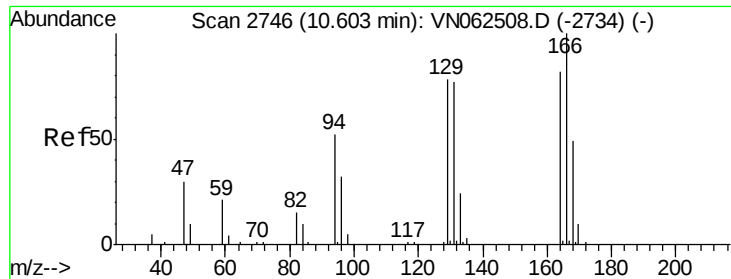
Tgt Ion: 43 Resp: 1651779
Ion Ratio Lower Upper
43 100
58 52.6 41.2 61.8
57 18.4 14.4 21.6



#60
4-Bromofluorobenzene
Concen: 33.974 ug/l
RT: 12.37 min Scan# 3297
Delta R.T. -0.00 min
Lab File: VN062510.D
Acq: 13 Jul 2020 10:48

Tgt Ion: 95 Resp: 125263
Ion Ratio Lower Upper
95 100
174 72.0 57.5 86.3
176 69.4 56.3 84.5

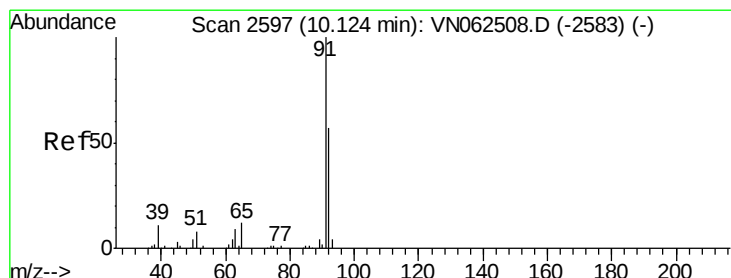
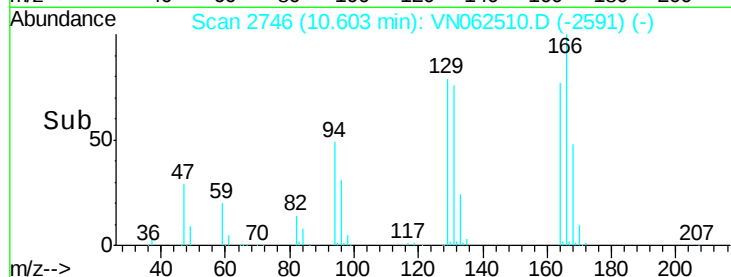
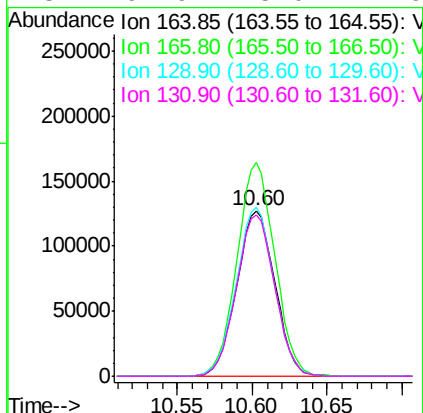
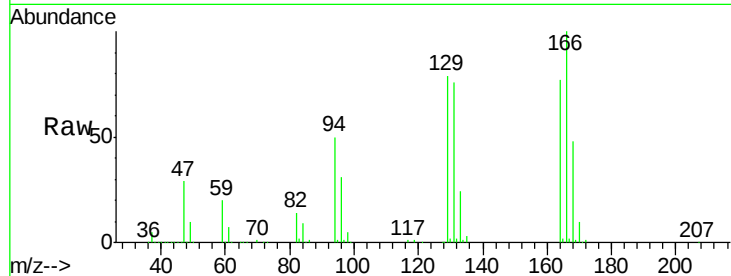




#61
Tetrachloroethene
Concen: 64.506 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062510.D
Acq: 13 Jul 2020 10:48

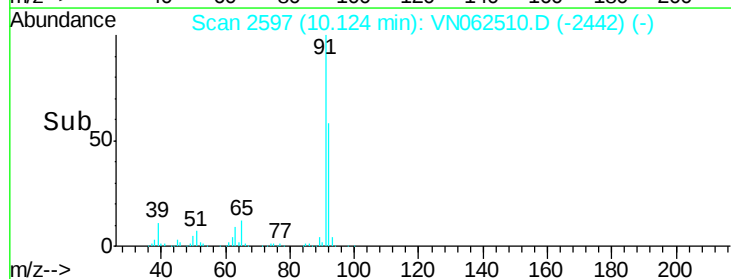
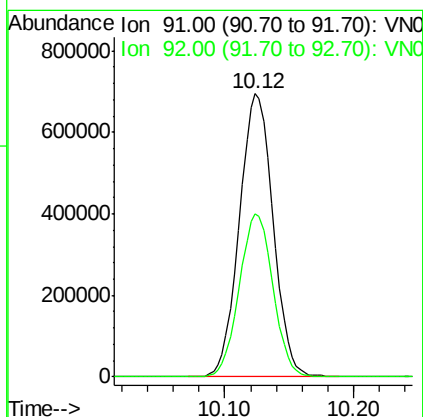
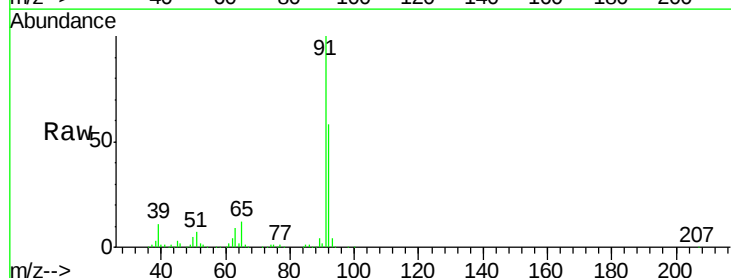
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

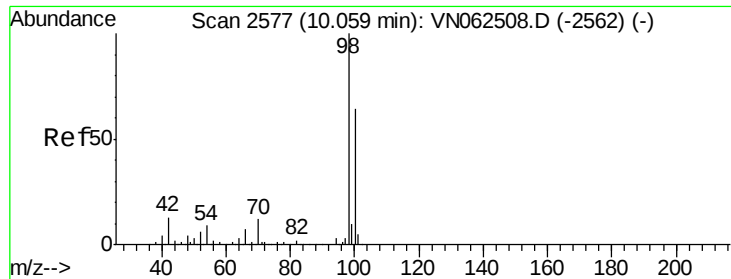
Tgt Ion:164 Resp: 226843
Ion Ratio Lower Upper
164 100
166 129.1 97.7 146.5
129 102.1 77.0 115.4
131 97.9 75.0 112.6



#62
Toluene
Concen: 99.347 ug/l
RT: 10.12 min Scan# 2597
Delta R.T. -0.00 min
Lab File: VN062510.D
Acq: 13 Jul 2020 10:48

Tgt Ion: 91 Resp: 1264716
Ion Ratio Lower Upper
91 100
92 57.7 45.8 68.6





#63

Toluene-d8

Concen: 32.120 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062510.D

Acq: 13 Jul 2020 10:48

Instrument :

MSVOA_N

ClientSampleId :

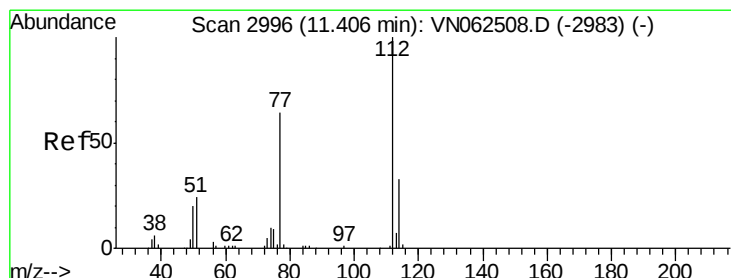
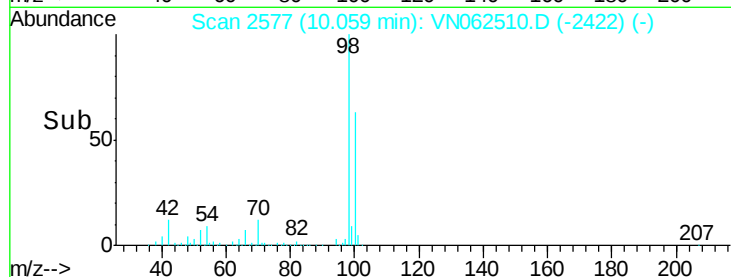
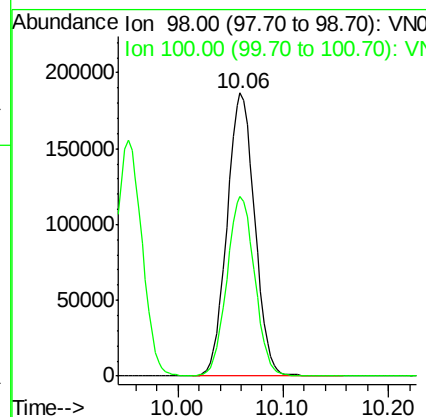
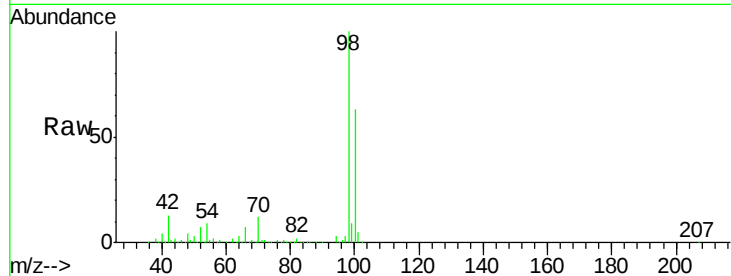
VSTDIC100

Tgt Ion: 98 Resp: 339412

Ion Ratio Lower Upper

98 100

100 63.3 50.4 75.6



#64

Chlorobenzene

Concen: 93.686 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN062510.D

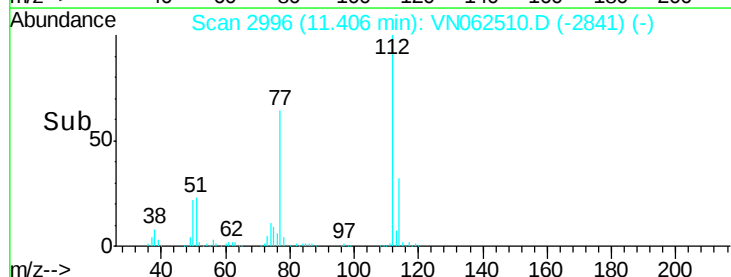
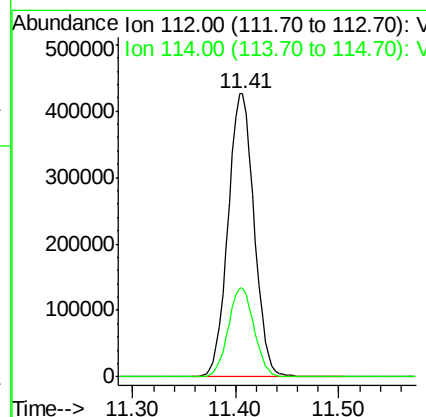
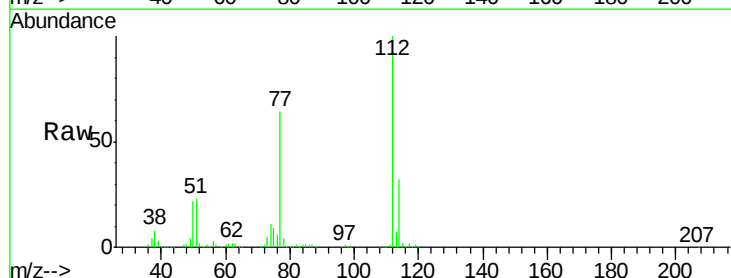
Acq: 13 Jul 2020 10:48

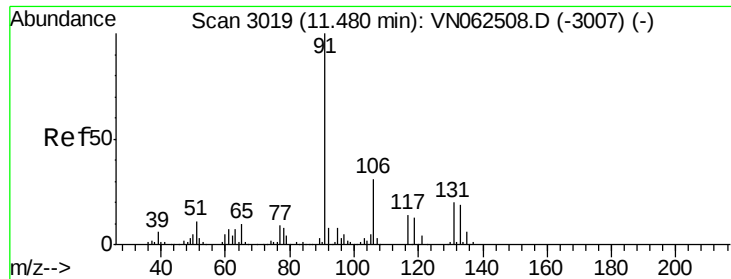
Tgt Ion: 112 Resp: 750333

Ion Ratio Lower Upper

112 100

114 31.6 26.0 39.0





#65

1,1,1,2-Tetrachloroethane

Concen: 91.210 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. -0.00 min

Lab File: VN062510.D

Acq: 13 Jul 2020 10:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

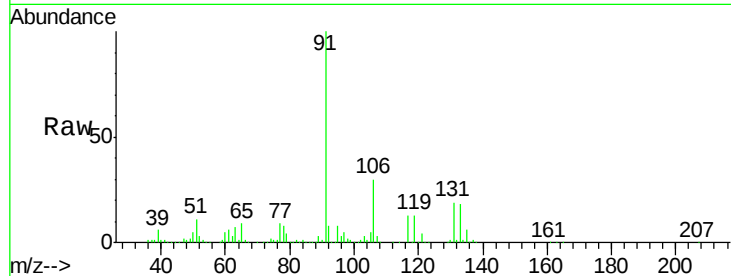
Tgt Ion:131 Resp: 278170

Ion Ratio Lower Upper

131 100

133 95.6 0.0 191.4

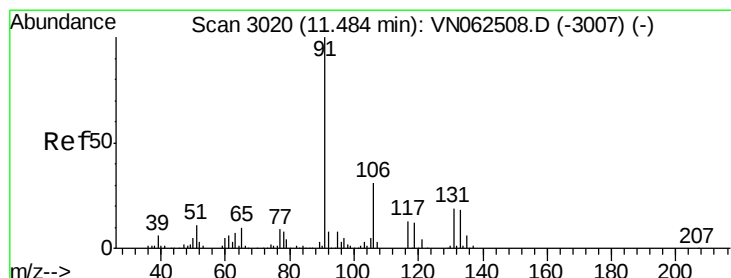
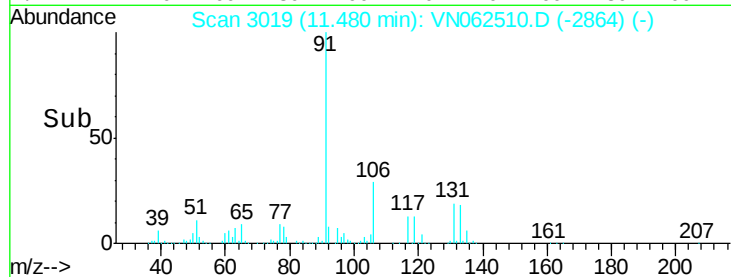
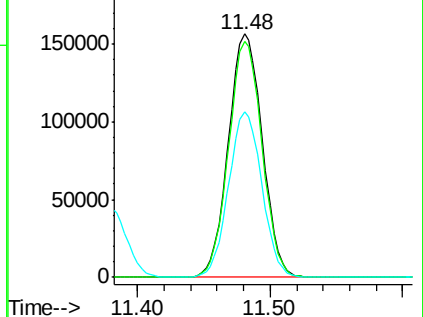
119 66.4 0.0 136.2



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 102.396 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. -0.00 min

Lab File: VN062510.D

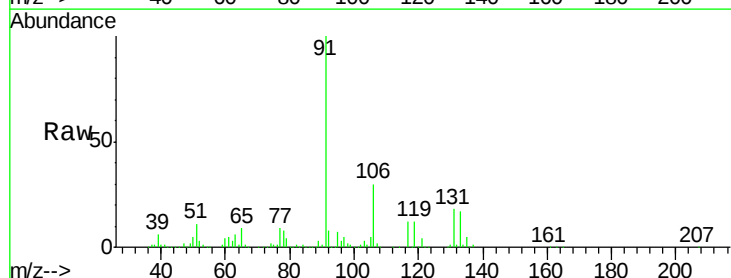
Acq: 13 Jul 2020 10:48

Tgt Ion: 91 Resp: 1430528

Ion Ratio Lower Upper

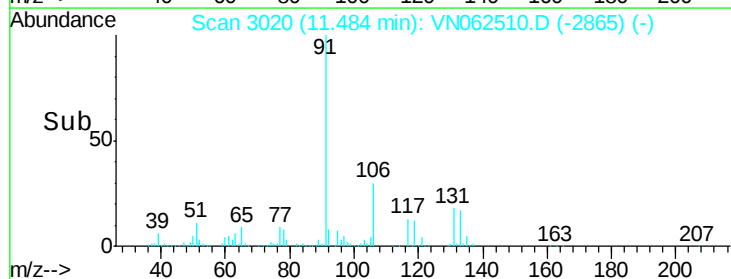
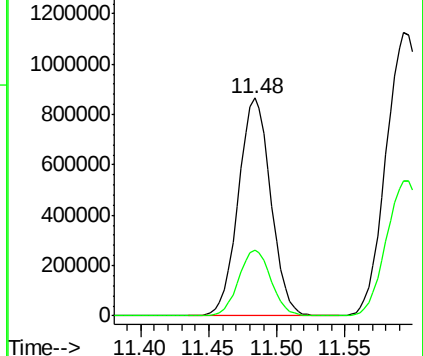
91 100

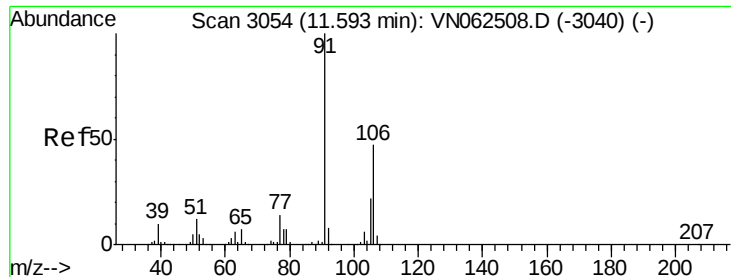
106 30.1 24.6 36.8



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xylenes

Concen: 192.410 ug/l

RT: 11.59 min Scan# 3054

Delta R.T. -0.00 min

Lab File: VN062510.D

Acq: 13 Jul 2020 10:48

Instrument :

MSVOA_N

ClientSampleId :

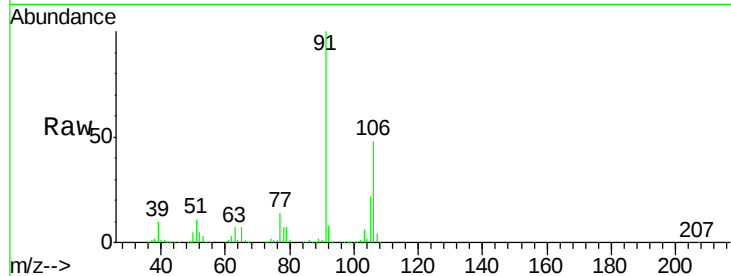
VSTDIC100

Tgt Ion:106 Resp: 1046188

Ion Ratio Lower Upper

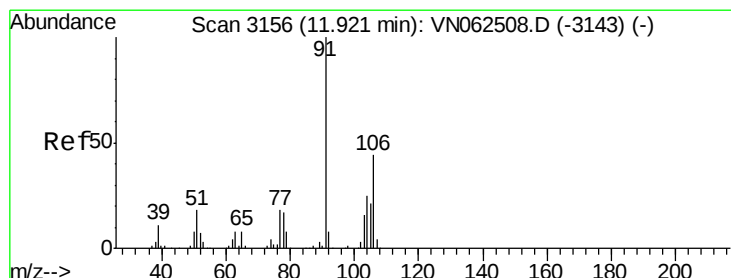
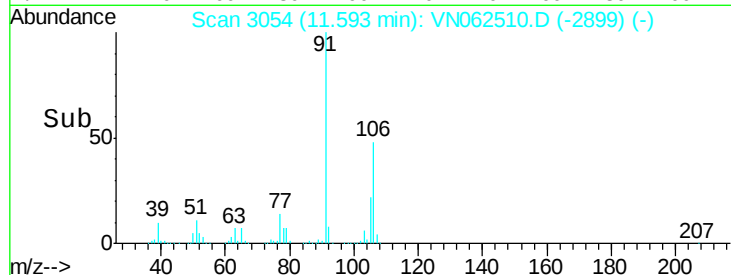
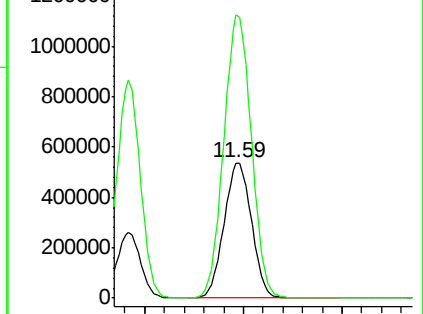
106 100

91 210.6 170.7 256.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0



#68

o-Xylene

Concen: 97.220 ug/l

RT: 11.92 min Scan# 3156

Delta R.T. -0.00 min

Lab File: VN062510.D

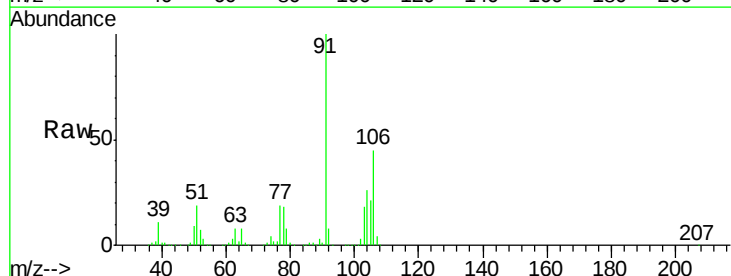
Acq: 13 Jul 2020 10:48

Tgt Ion:106 Resp: 500998

Ion Ratio Lower Upper

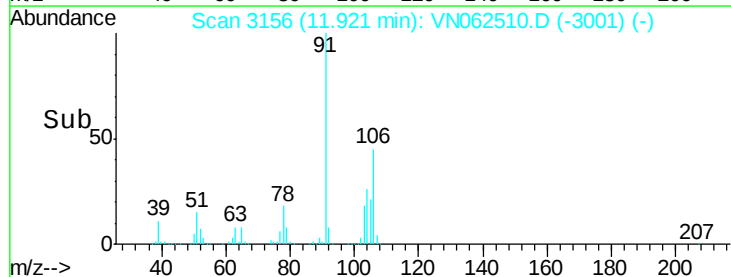
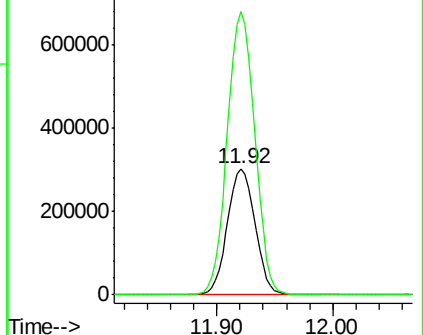
106 100

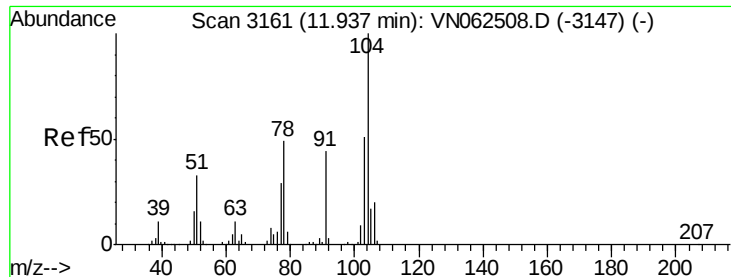
91 224.3 113.9 341.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0

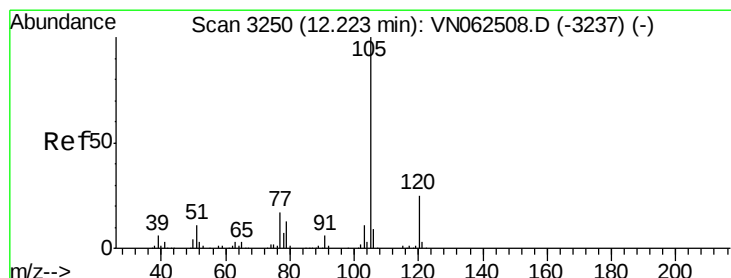
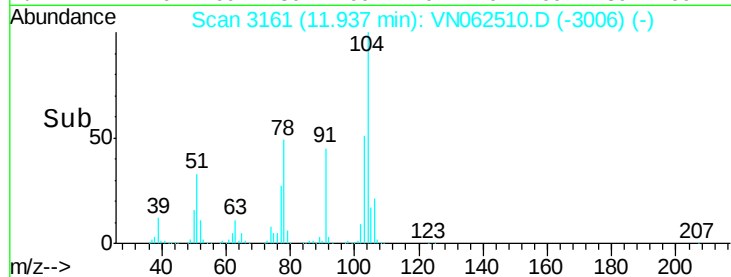
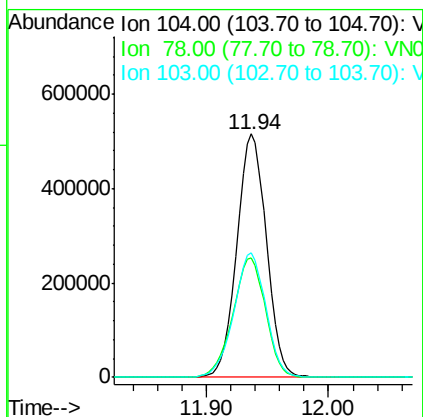
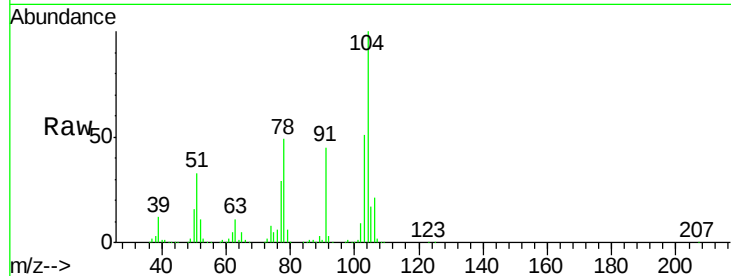




#69
Styrene
Concen: 98.482 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062510.D
Acq: 13 Jul 2020 10:48

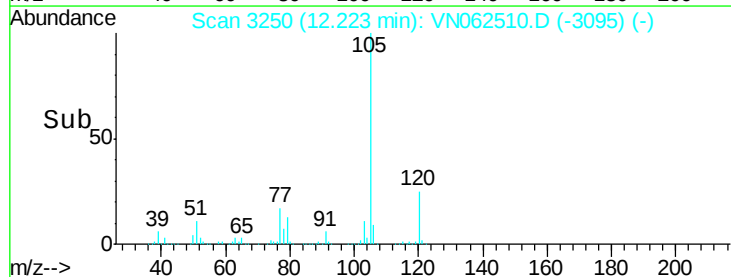
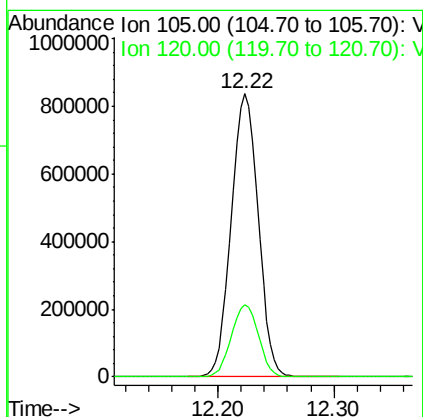
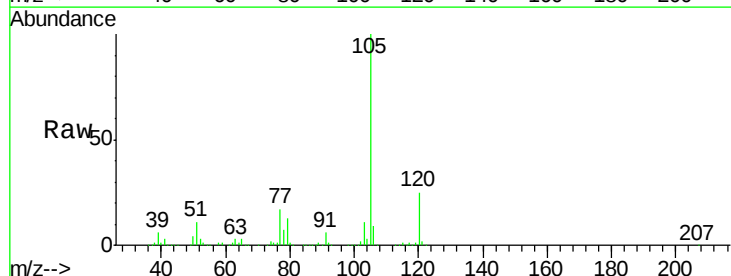
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

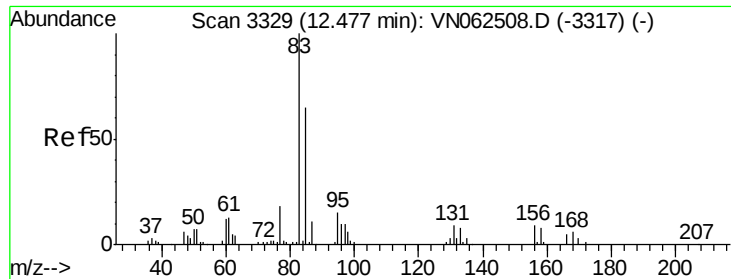
Tgt Ion:104 Resp: 863463
Ion Ratio Lower Upper
104 100
78 54.4 43.9 65.9
103 55.2 43.8 65.6



#70
Isopropylbenzene
Concen: 98.131 ug/l
RT: 12.22 min Scan# 3250
Delta R.T. -0.00 min
Lab File: VN062510.D
Acq: 13 Jul 2020 10:48

Tgt Ion:105 Resp: 1342414
Ion Ratio Lower Upper
105 100
120 25.7 17.6 32.8

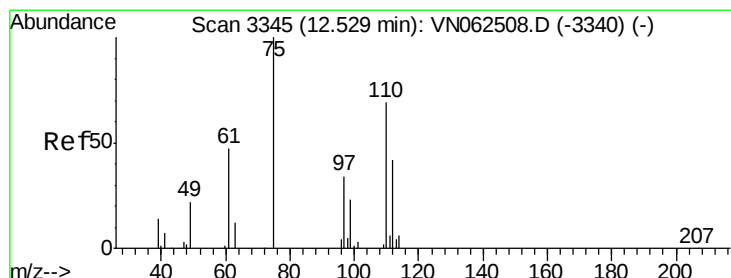
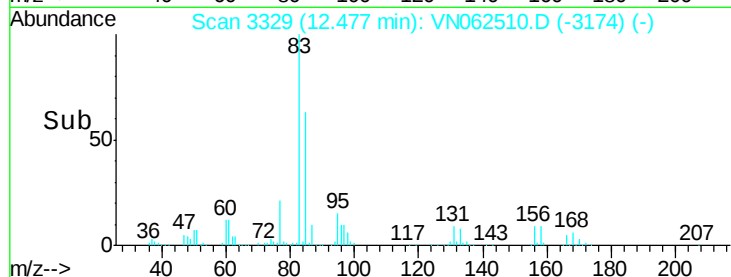
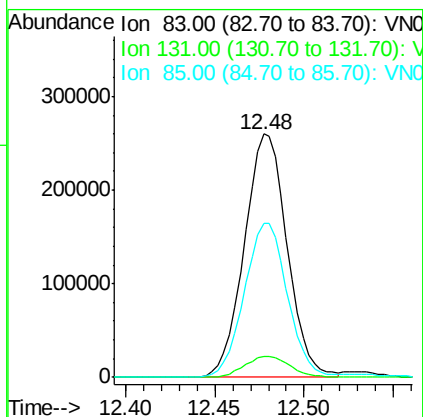
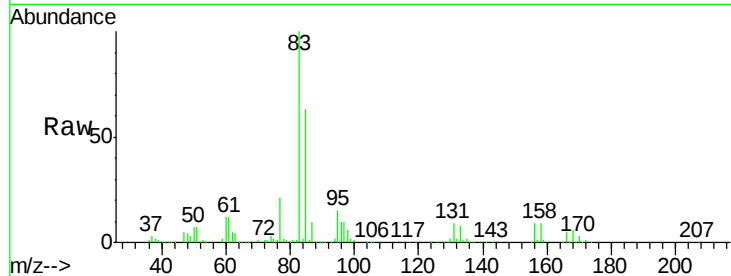




#71
 1,1,2,2-Tetrachloroethane
 Concen: 114.679 ug/l
 RT: 12.48 min Scan# 3329
 Delta R.T. -0.00 min
 Lab File: VN062510.D
 Acq: 13 Jul 2020 10:48

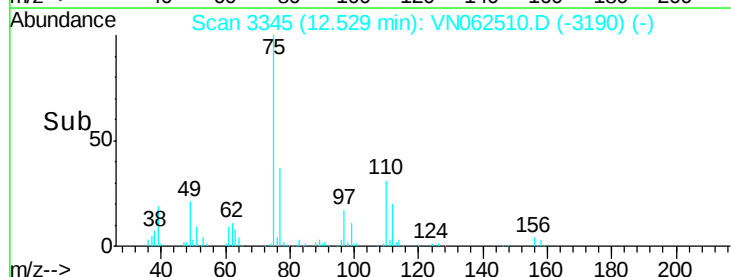
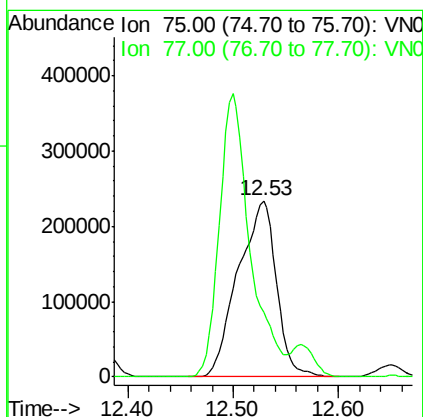
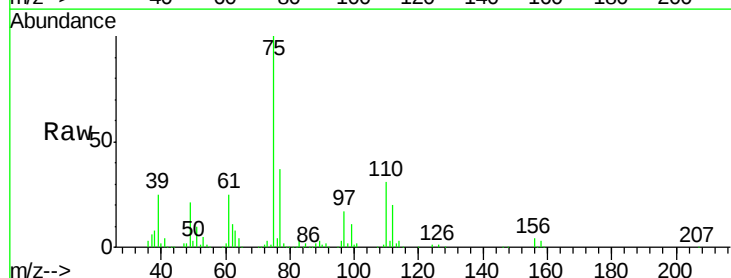
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

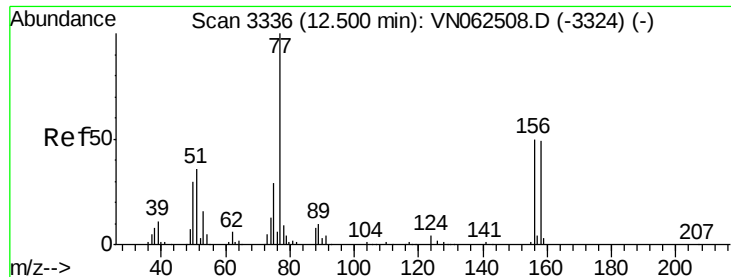
Tgt Ion: 83 Resp: 436520
 Ion Ratio Lower Upper
 83 100
 131 9.1 4.5 13.7
 85 63.4 32.5 97.4



#72
 1,2,3-Trichloropropane
 Concen: 166.287 ug/l
 RT: 12.53 min Scan# 3345
 Delta R.T. -0.00 min
 Lab File: VN062510.D
 Acq: 13 Jul 2020 10:48

Tgt Ion: 75 Resp: 590887
 Ion Ratio Lower Upper
 75 100
 77 129.1 0.0 376.2





#73

Bromobenzene

Concen: 86.505 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062510.D

Acq: 13 Jul 2020 10:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

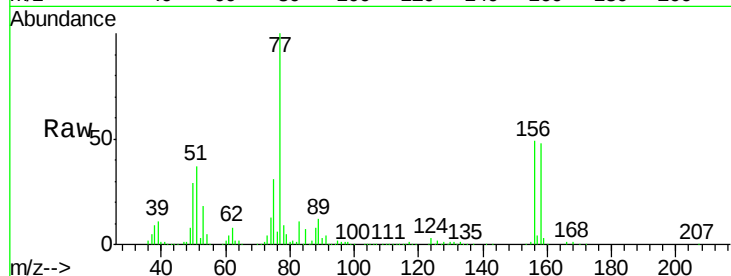
Tgt Ion:156 Resp: 310595

Ion Ratio Lower Upper

156 100

77 245.6 0.0 485.0

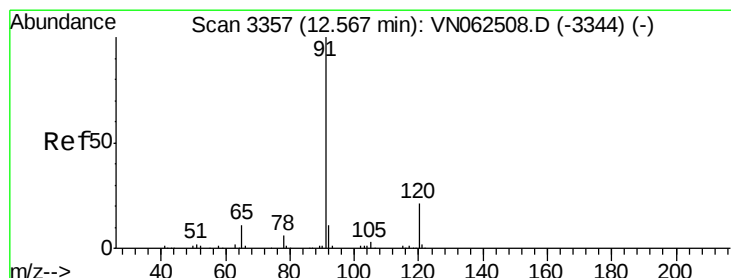
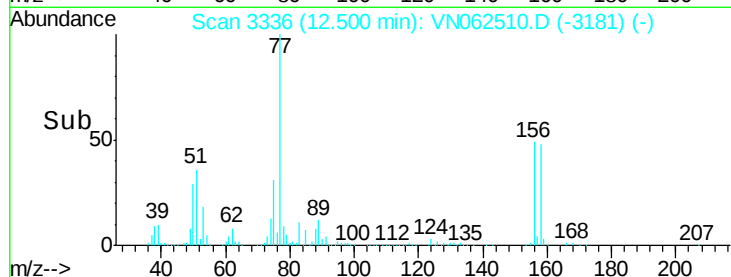
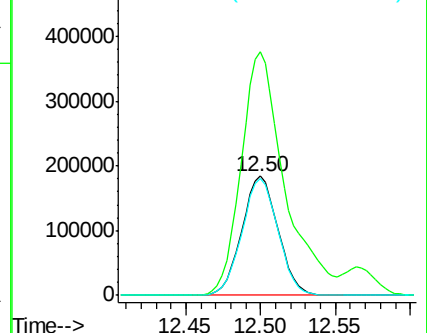
158 97.5 0.0 192.6



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: 104.427 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN062510.D

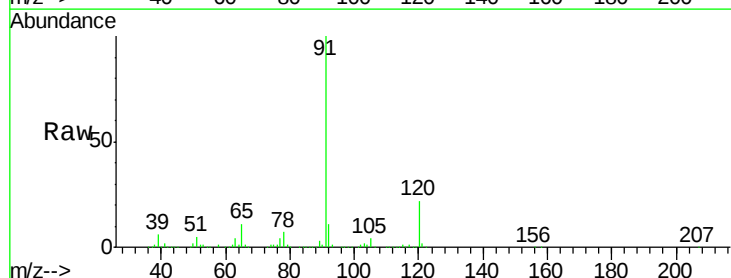
Acq: 13 Jul 2020 10:48

Tgt Ion: 91 Resp: 1623487

Ion Ratio Lower Upper

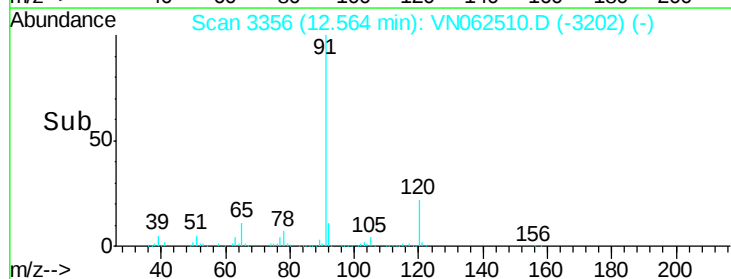
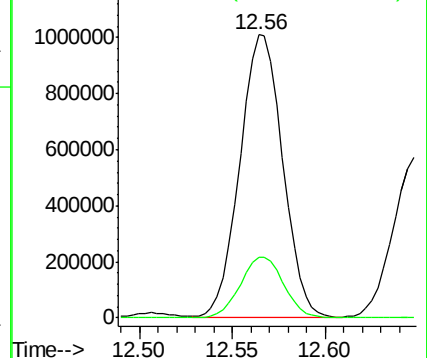
91 100

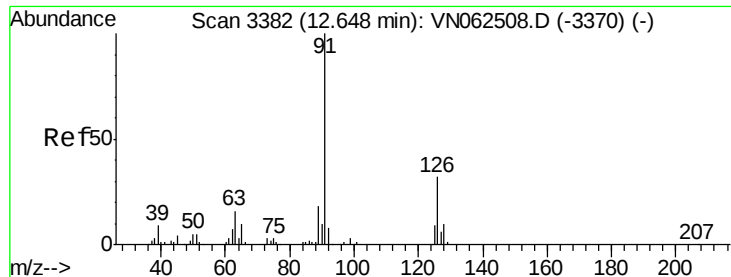
120 21.6 0.0 42.8



Abundance Ion 91.00 (90.70 to 91.70): VN

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 103.898 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN062510.D

Acq: 13 Jul 2020 10:48

Instrument :

MSVOA_N

ClientSampleId :

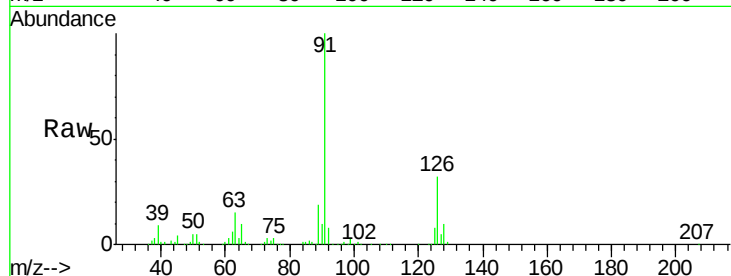
VSTDIC100

Tgt Ion: 91 Resp: 961782

Ion Ratio Lower Upper

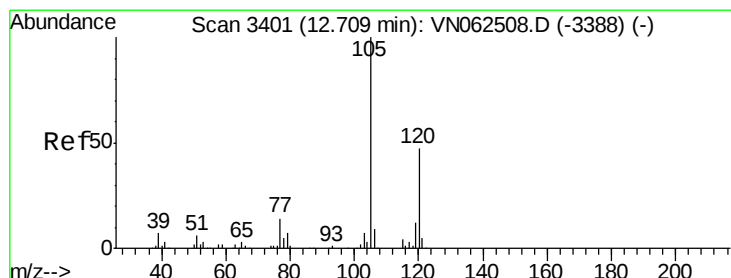
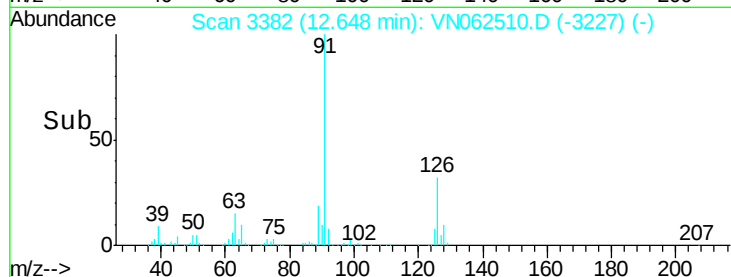
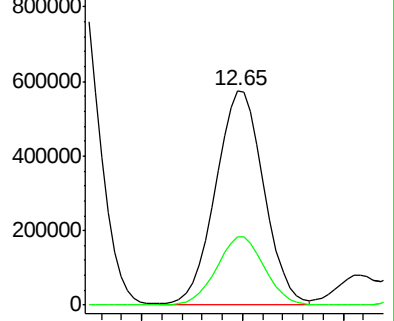
91 100

126 31.8 0.0 62.2



Abundance Ion 91.00 (90.70 to 91.70): VN062510.D (-3382) (-)

Ion 126.00 (125.70 to 126.70): VN062510.D (-3382) (-)



#76

1,3,5-Trimethylbenzene

Concen: 101.482 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062510.D

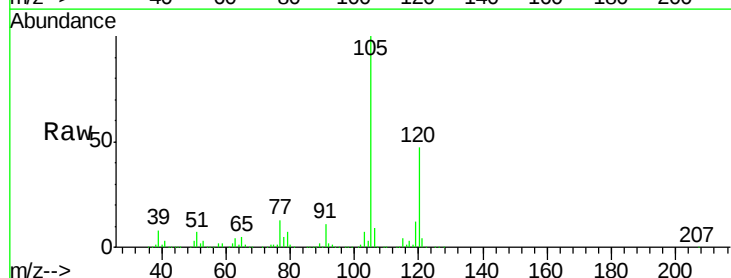
Acq: 13 Jul 2020 10:48

Tgt Ion: 105 Resp: 1157397

Ion Ratio Lower Upper

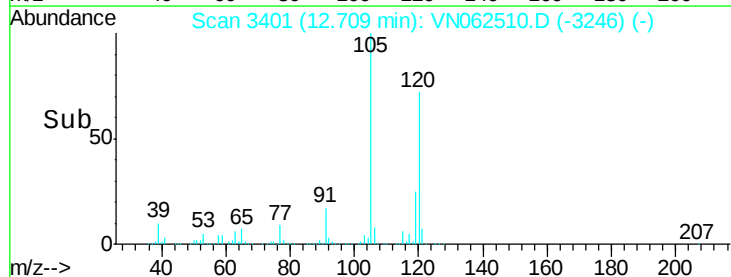
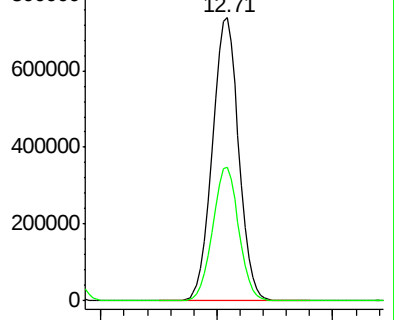
105 100

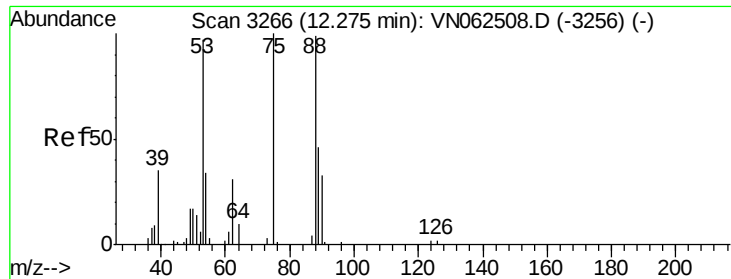
120 47.0 0.0 95.0



Abundance Ion 105.00 (104.70 to 105.70): VN062510.D (-3401) (-)

Ion 120.00 (119.70 to 120.70): VN062510.D (-3401) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 128.454 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062510.D

Acq: 13 Jul 2020 10:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

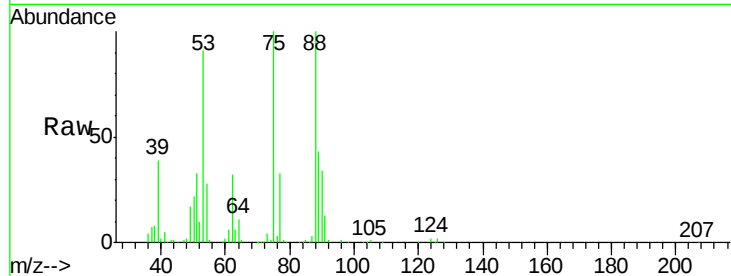
Tgt Ion: 75 Resp: 168169

Ion Ratio Lower Upper

75 100

53 91.2 48.3 144.8

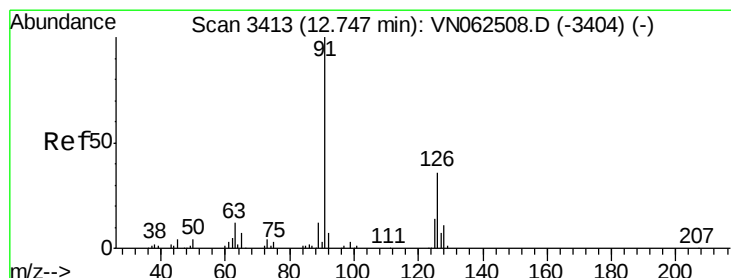
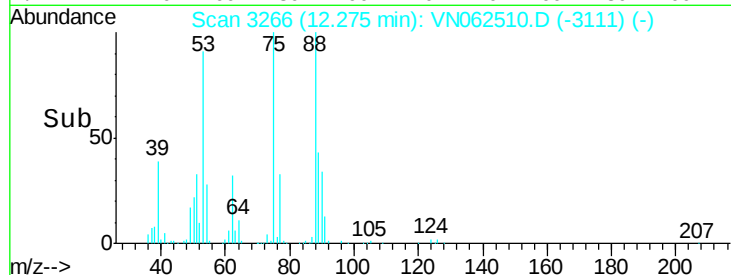
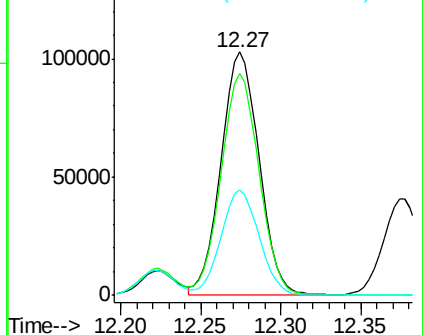
89 43.6 23.3 69.8



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 89.00 (88.70 to 89.70): VN0



#78

4-Chlorotoluene

Concen: 104.376 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062510.D

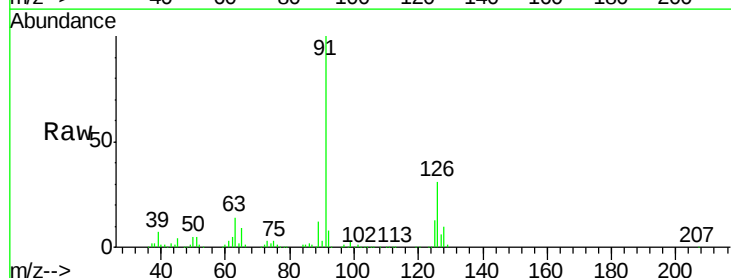
Acq: 13 Jul 2020 10:48

Tgt Ion: 91 Resp: 999978

Ion Ratio Lower Upper

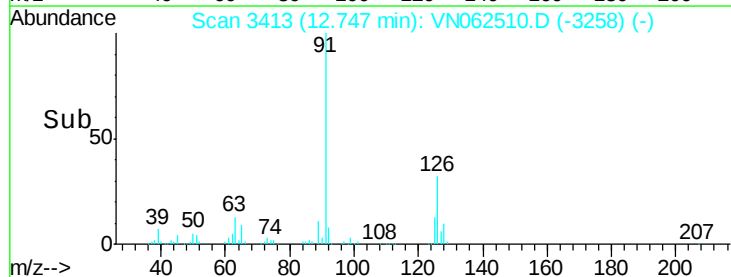
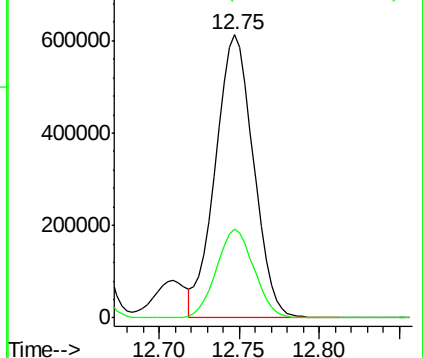
91 100

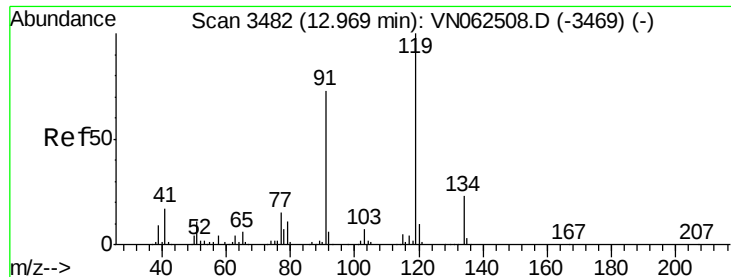
126 31.0 0.0 62.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 126.00 (125.70 to 126.70): V

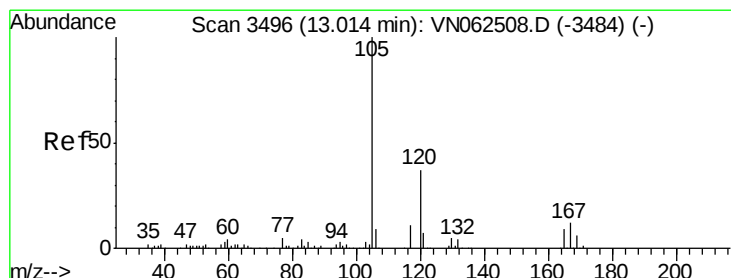
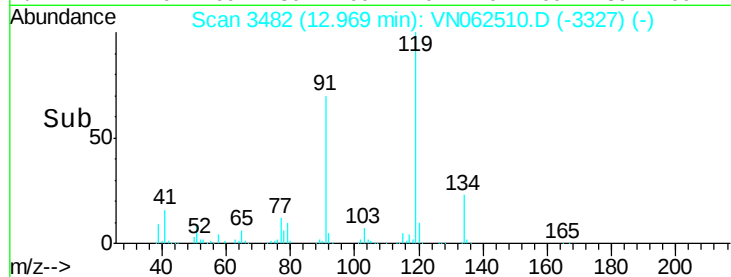
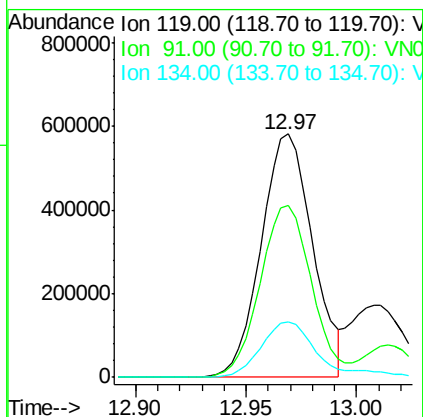
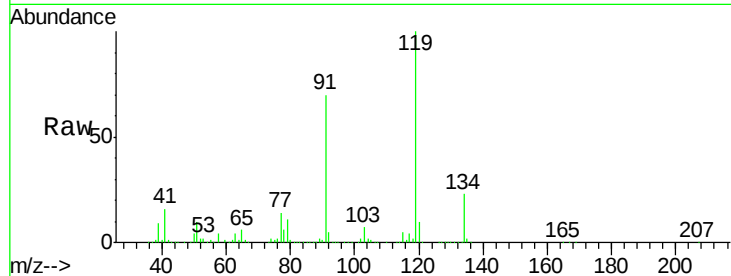




#79
tert-butylbenzene
Concen: 95.459 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. -0.00 min
Lab File: VN062510.D
Acq: 13 Jul 2020 10:48

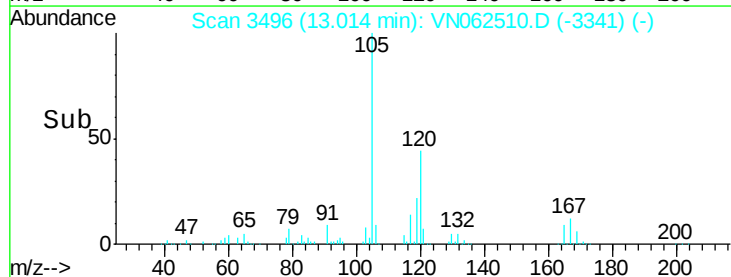
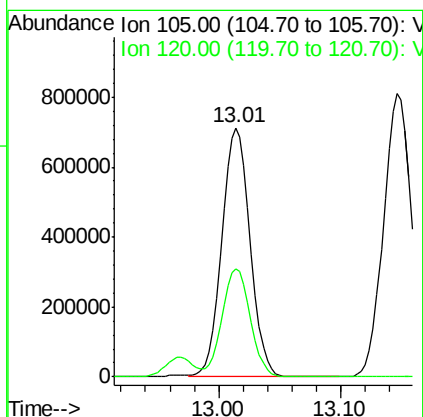
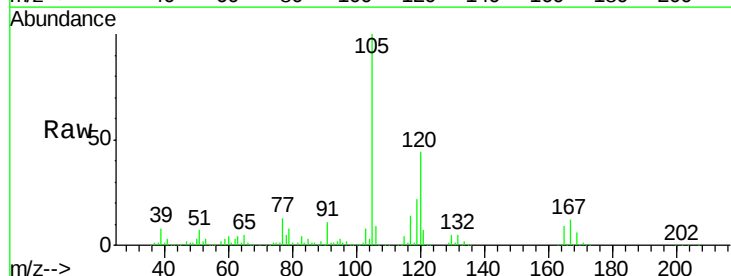
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

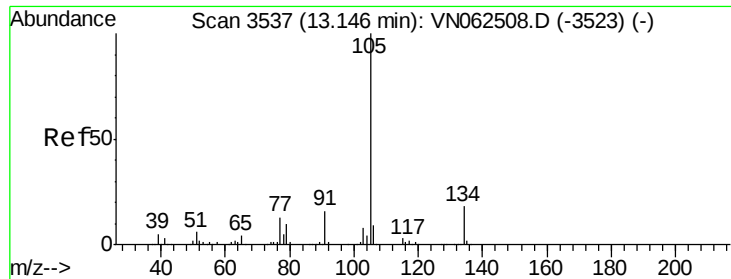
Tgt Ion:119 Resp: 939305
Ion Ratio Lower Upper
119 100
91 70.2 0.0 139.8
134 25.4 0.0 45.0



#80
1,2,4-Trimethylbenzene
Concen: 100.873 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. -0.00 min
Lab File: VN062510.D
Acq: 13 Jul 2020 10:48

Tgt Ion:105 Resp: 1153982
Ion Ratio Lower Upper
105 100
120 43.6 0.0 86.6

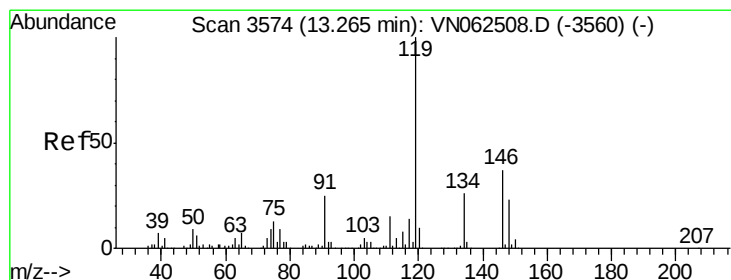
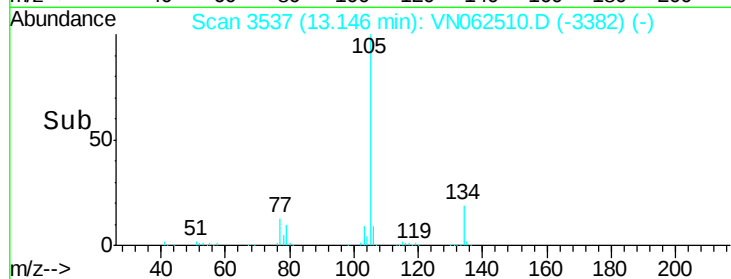
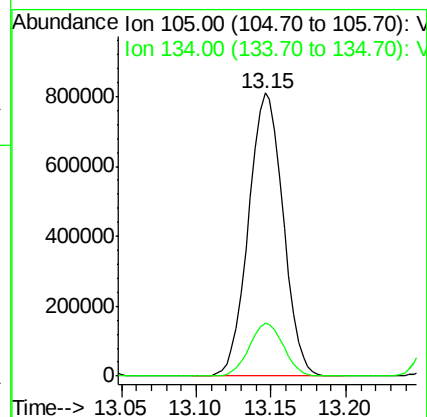
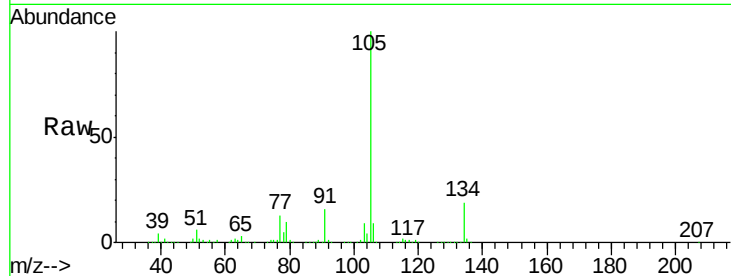




#81
 sec-Butylbenzene
 Concen: 102.426 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. -0.00 min
 Lab File: VN062510.D
 Acq: 13 Jul 2020 10:48

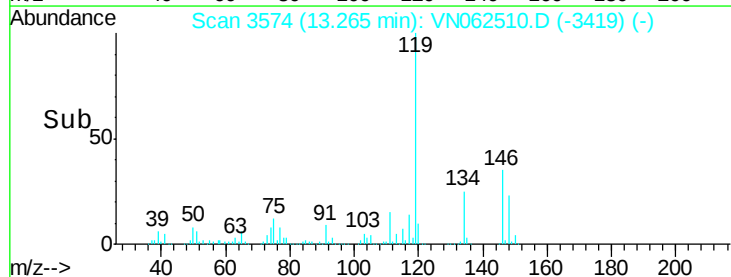
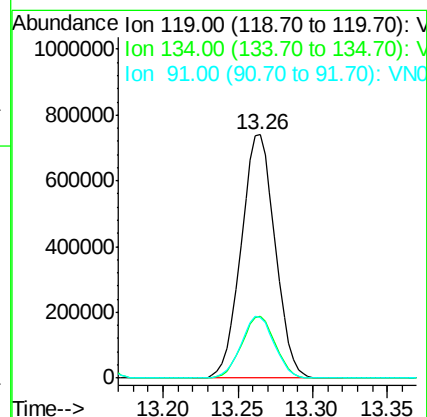
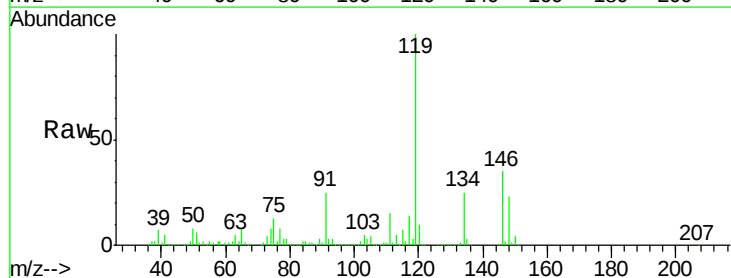
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

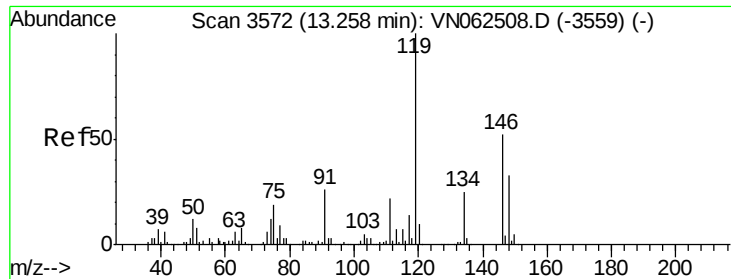
Tgt Ion:105 Resp: 1302419
 Ion Ratio Lower Upper
 105 100
 134 18.6 0.0 37.2



#82
 p-Isopropyltoluene
 Concen: 99.488 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN062510.D
 Acq: 13 Jul 2020 10:48

Tgt Ion:119 Resp: 1163975
 Ion Ratio Lower Upper
 119 100
 134 25.3 0.0 50.8
 91 25.0 0.0 51.2

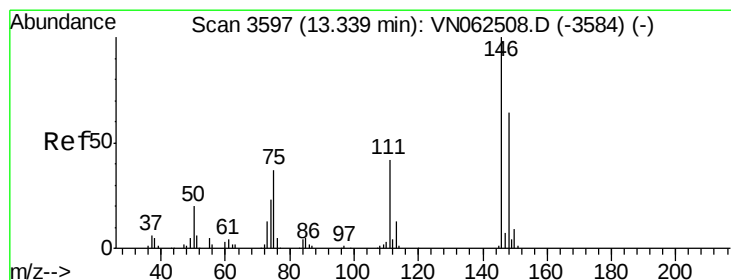
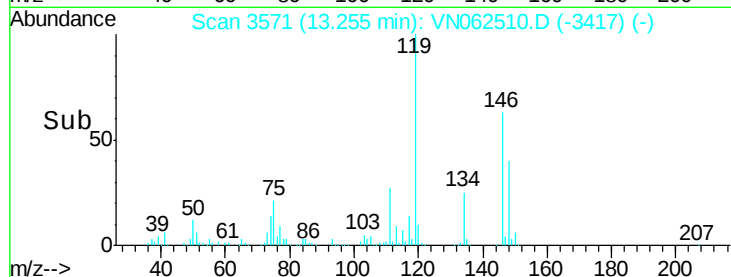
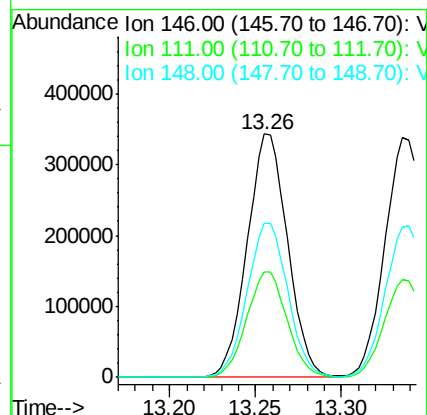
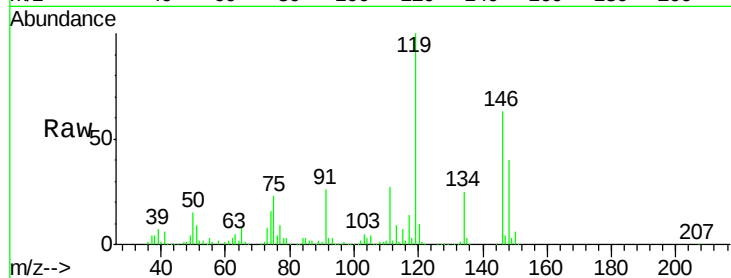




#83
 1,3-Dichlorobenzene
 Concen: 88.151 ug/l
 RT: 13.26 min Scan# 3571
 Delta R.T. -0.00 min
 Lab File: VN062510.D
 Acq: 13 Jul 2020 10:48

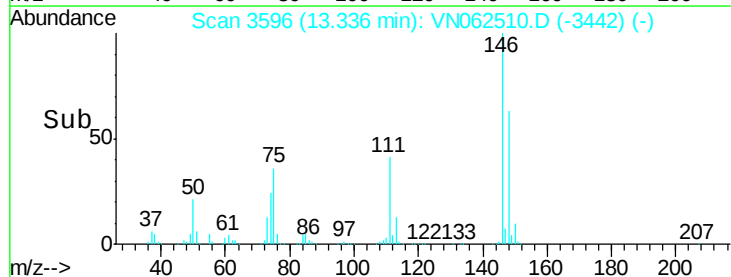
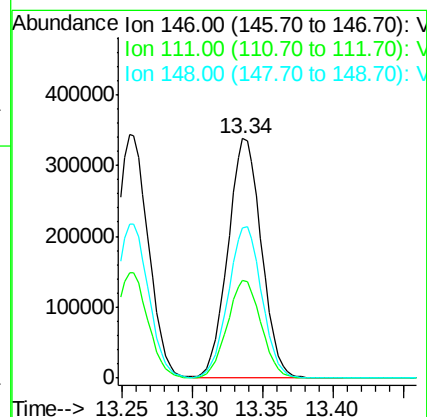
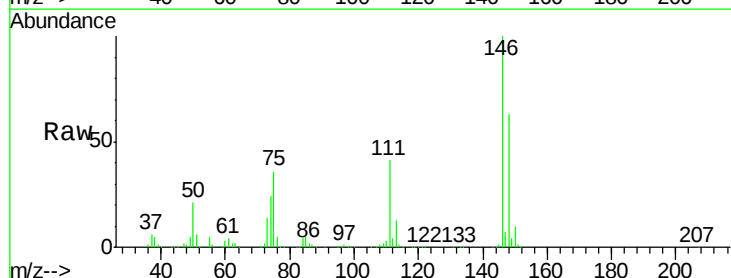
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

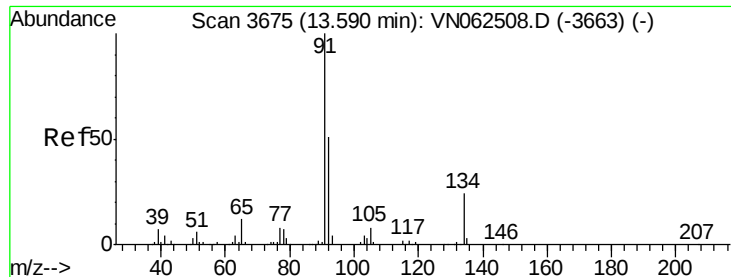
Tgt Ion:146 Resp: 560752
 Ion Ratio Lower Upper
 146 100
 111 43.3 21.0 63.0
 148 63.7 31.7 95.1



#84
 1,4-Dichlorobenzene
 Concen: 89.635 ug/l
 RT: 13.34 min Scan# 3596
 Delta R.T. -0.00 min
 Lab File: VN062510.D
 Acq: 13 Jul 2020 10:48

Tgt Ion:146 Resp: 559058
 Ion Ratio Lower Upper
 146 100
 111 41.0 21.4 64.2
 148 63.5 32.4 97.2





#85

n-Butylbenzene

Concen: 107.824 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. -0.00 min

Lab File: VN062510.D

Acq: 13 Jul 2020 10:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

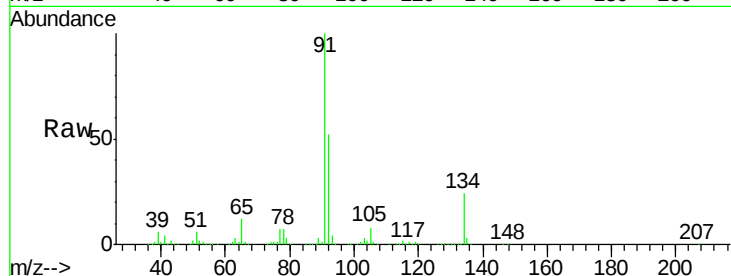
Tgt Ion: 91 Resp: 1040804

Ion Ratio Lower Upper

91 100

92 52.5 0.0 102.4

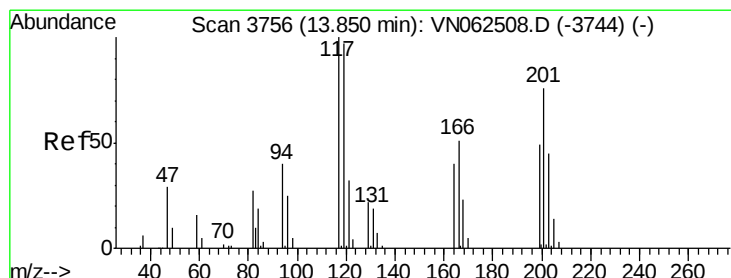
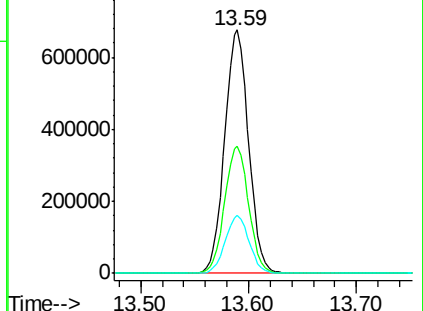
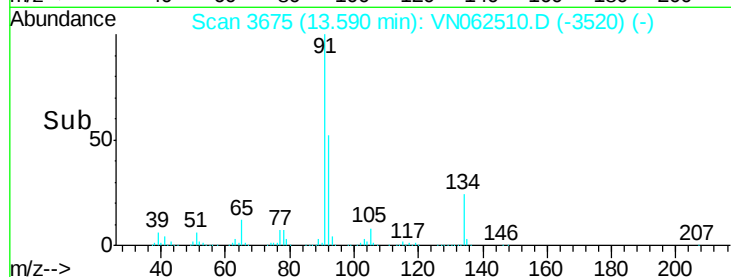
134 23.6 0.0 46.6



Abundance Ion 91.00 (90.70 to 91.70): VN062510.D (-3520) (-)

Ion 92.00 (91.70 to 92.70): VN062510.D (-3520) (-)

Ion 134.00 (133.70 to 134.70): VN062510.D (-3520) (-)



#86

Hexachloroethane

Concen: 127.849 ug/l

RT: 13.85 min Scan# 3755

Delta R.T. -0.00 min

Lab File: VN062510.D

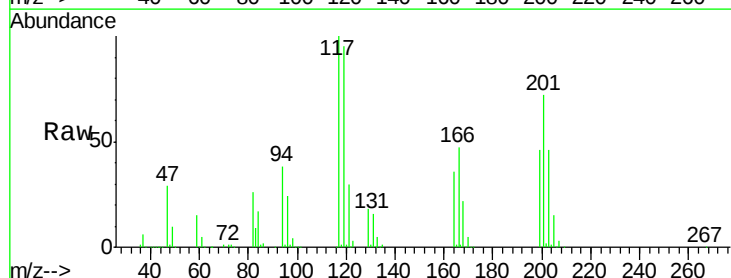
Acq: 13 Jul 2020 10:48

Tgt Ion: 117 Resp: 223591

Ion Ratio Lower Upper

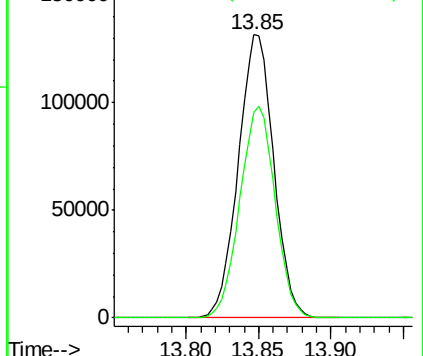
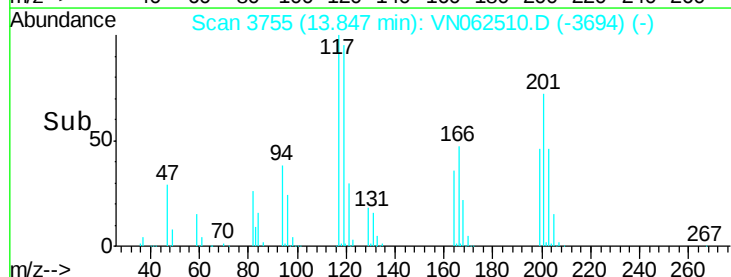
117 100

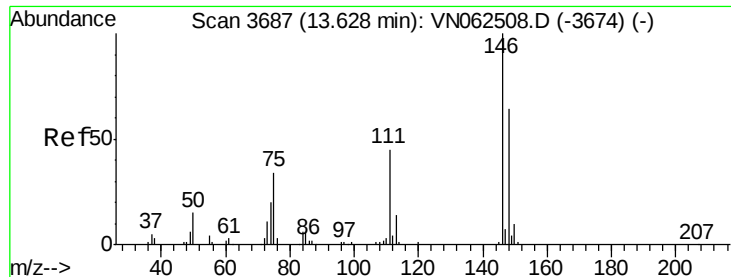
201 74.4 37.4 112.2



Abundance Ion 117.00 (116.70 to 117.70): VN062510.D (-3694) (-)

Ion 201.00 (200.70 to 201.70): VN062510.D (-3694) (-)





#87

1,2-Dichlorobenzene

Concen: 87.361 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. -0.00 min

Lab File: VN062510.D

Acq: 13 Jul 2020 10:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

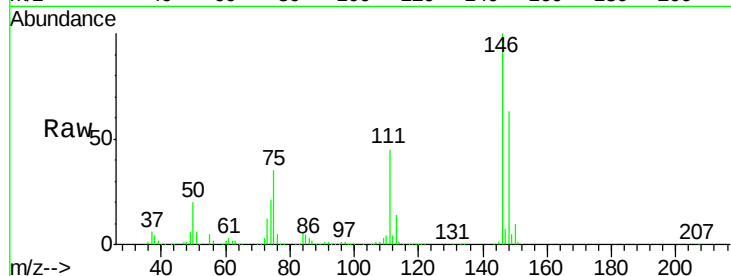
Tgt Ion:146 Resp: 527762

Ion Ratio Lower Upper

146 100

111 44.9 22.4 67.0

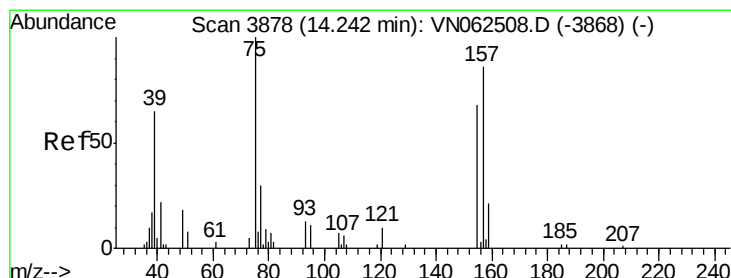
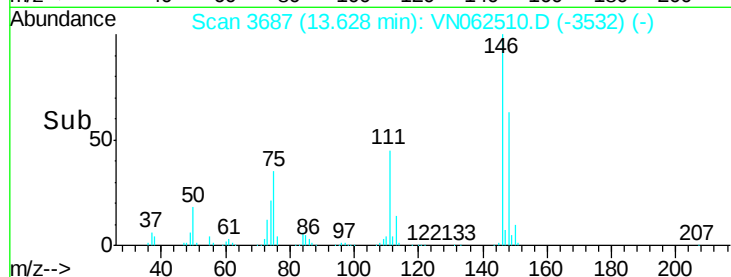
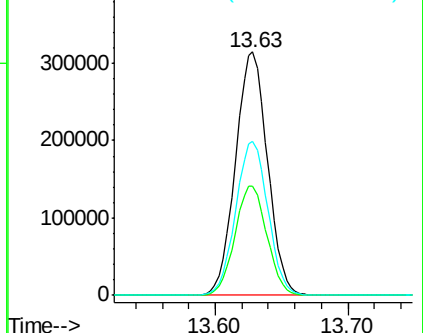
148 63.7 32.1 96.3



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: 121.510 ug/l

RT: 14.25 min Scan# 3879

Delta R.T. 0.00 min

Lab File: VN062510.D

Acq: 13 Jul 2020 10:48

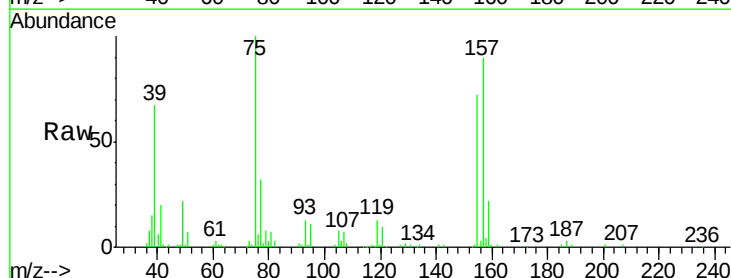
Tgt Ion: 75 Resp: 86587

Ion Ratio Lower Upper

75 100

155 73.1 55.7 83.5

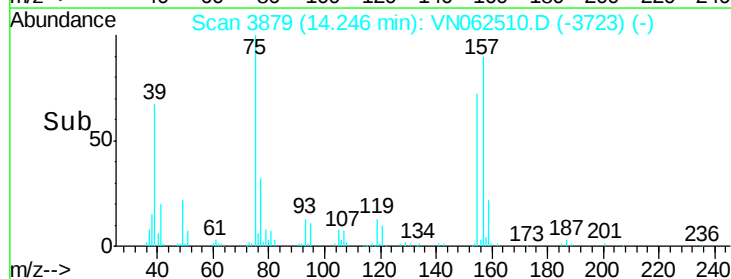
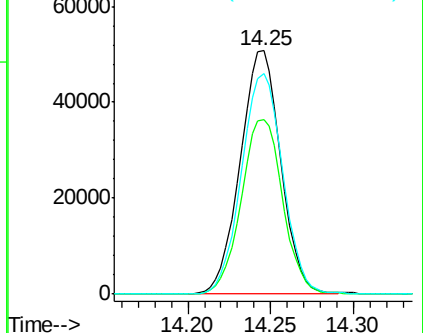
157 92.2 71.0 106.6

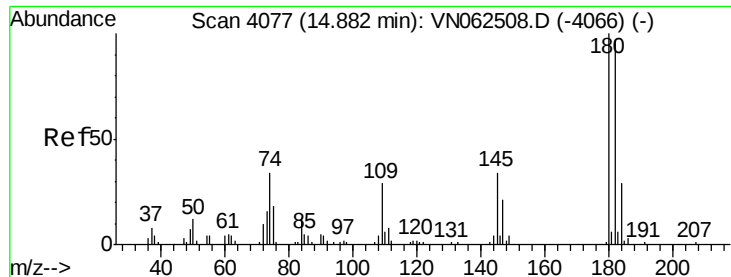


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

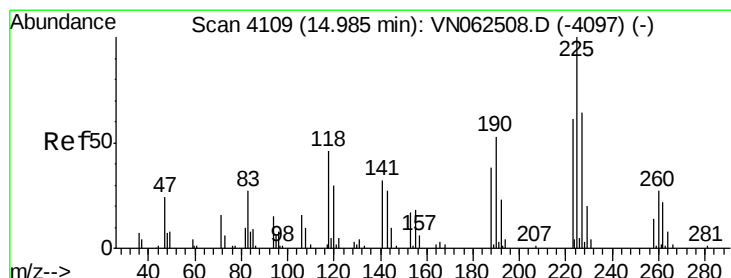
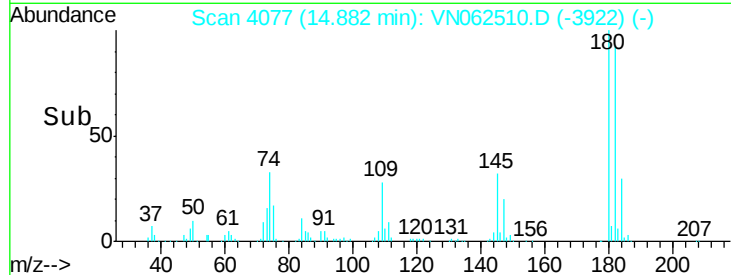
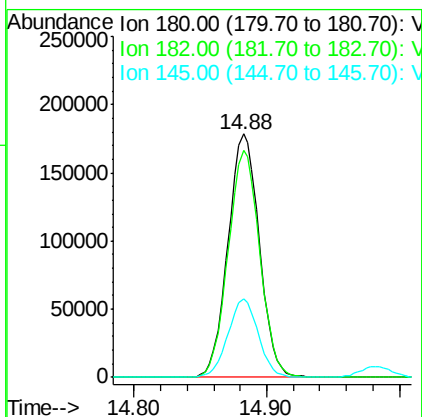
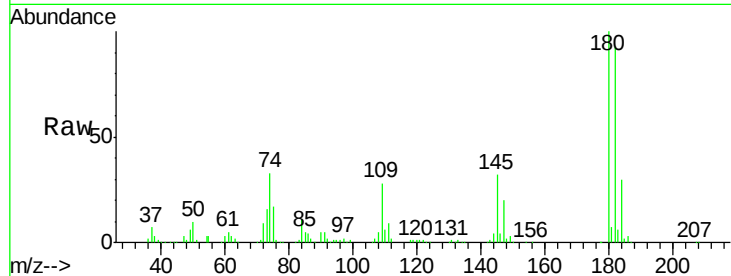




#89
 1,2,4-Trichlorobenzene
 Concen: 84.887 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN062510.D
 Acq: 13 Jul 2020 10:48

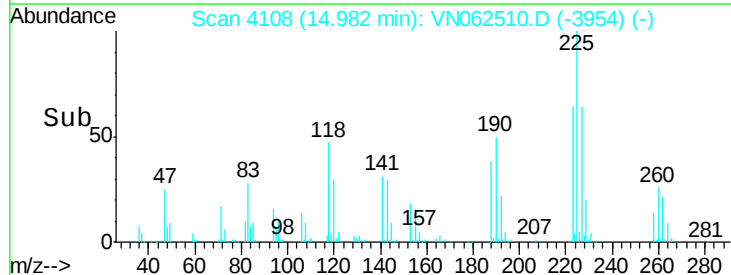
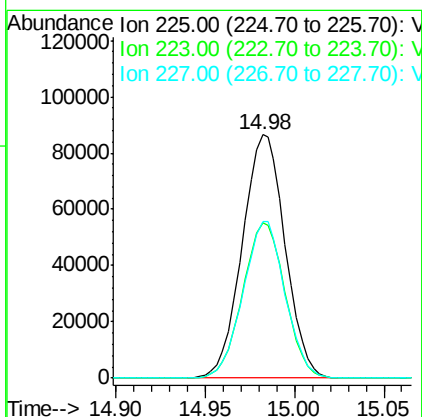
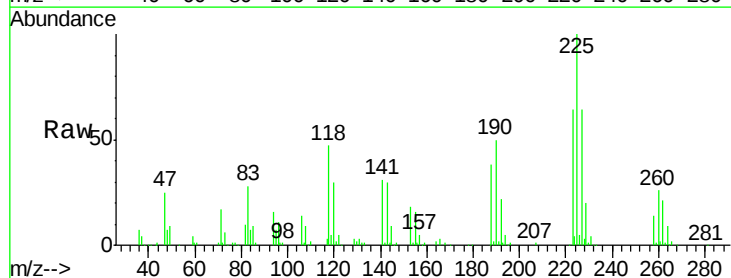
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

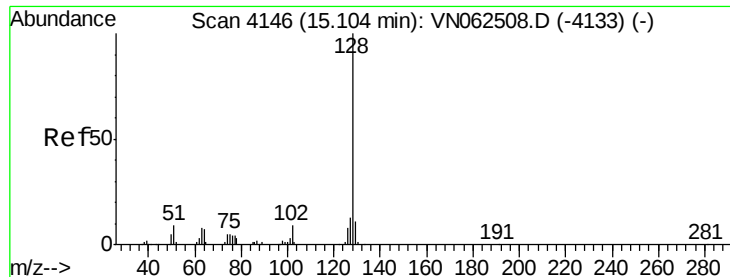
Tgt Ion:180 Resp: 292667
 Ion Ratio Lower Upper
 180 100
 182 93.9 77.5 116.3
 145 31.3 26.1 39.1



#90
 Hexachlorobutadiene
 Concen: 93.105 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN062510.D
 Acq: 13 Jul 2020 10:48

Tgt Ion:225 Resp: 145004
 Ion Ratio Lower Upper
 225 100
 223 63.2 0.0 120.4
 227 63.2 0.0 129.6

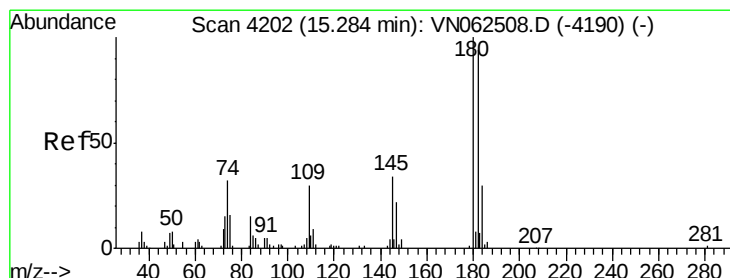
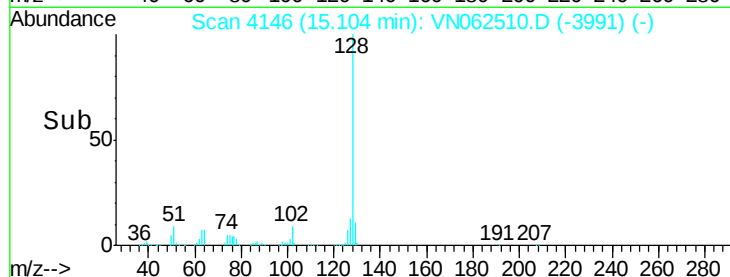
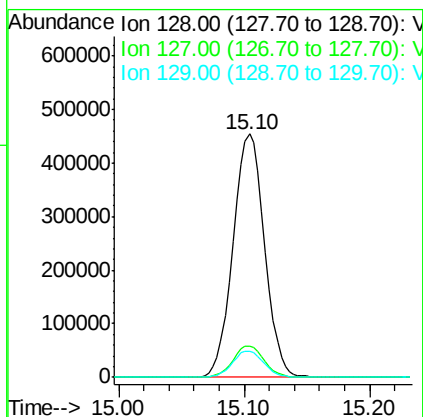
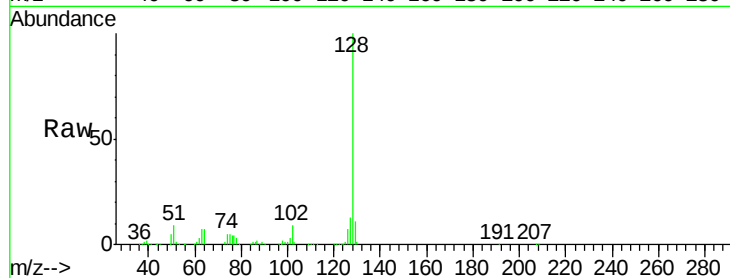




#91
Naphthalene
Concen: 82.821 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN062510.D
Acq: 13 Jul 2020 10:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:128 Resp: 791304
Ion Ratio Lower Upper
128 100
127 12.8 10.0 15.0
129 10.9 8.8 13.2



#92
1,2,3-Trichlorobenzene
Concen: 85.157 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN062510.D
Acq: 13 Jul 2020 10:48

Tgt Ion:180 Resp: 288525
Ion Ratio Lower Upper
180 100
182 94.7 0.0 187.2
145 33.1 0.0 67.8

