

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101420\
 Data File : VN064117.D
 Acq On : 14 Oct 2020 16:17
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Quant Time: Oct 14 16:37:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 14 15:55:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	409554	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	664392	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	635887	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	329931	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	844844	129.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	258.28%	
35) Dibromofluoromethane	7.55	113	696624	152.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	304.38%	
50) Toluene-d8	10.06	98	2715484	155.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	311.36%	
62) 4-Bromofluorobenzene	12.38	95	981387	152.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	305.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	572155	133.075	ug/l	99
3) Chloromethane	2.04	50	680784	134.261	ug/l	99
4) Vinyl Chloride	2.16	62	839803	159.820	ug/l	97
5) Bromomethane	2.51	94	674481	193.694	ug/l	98
6) Chloroethane	2.66	64	633752	192.090	ug/l	97
7) Trichlorofluoromethane	2.98	101	1184256	146.010	ug/l	100
8) Diethyl Ether	3.37	74	383330	141.946	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.72	101	569496	132.769	ug/l	98
10) Methyl Iodide	3.91	142	913362	178.273	ug/l	98
11) Tert butyl alcohol	4.73	59	487913	675.551	ug/l	98
12) 1,1-Dichloroethene	3.69	96	582352	140.831	ug/l	99
13) Acrolein	3.56	56	416974	884.609	ug/l	98
14) Allyl chloride	4.28	41	861288	115.525	ug/l	93
15) Acrylonitrile	4.93	53	1407505	673.078	ug/l	99
16) Acetone	3.77	43	1215446	601.419	ug/l	99
17) Carbon Disulfide	4.01	76	1724332	142.162	ug/l	99
18) Methyl Acetate	4.27	43	616107	117.594	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	1849740	126.802	ug/l	100
20) Methylene Chloride	4.50	84	711824	137.146	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	674492	144.689	ug/l	100
22) Diisopropyl ether	5.90	45	1907597	124.705	ug/l	99
23) Vinyl Acetate	5.84	43	8601153	671.840	ug/l	97
24) 1,1-Dichloroethane	5.80	63	1229525	137.246	ug/l	99
25) 2-Butanone	6.78	43	1995024	689.540	ug/l	100
26) 2,2-Dichloropropane	6.78	77	1009816	125.183	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	790731	147.725	ug/l	99
28) Bromochloromethane	7.15	49	624696	143.383	ug/l #	97
29) Tetrahydrofuran	7.16	42	1183627	618.633	ug/l	100
30) Chloroform	7.33	83	1316194	140.040	ug/l	99
31) Cyclohexane	7.61	56	901341	118.259	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	1159361	137.849	ug/l	98
36) 1,1-Dichloropropene	7.75	75	972240	144.705	ug/l	99
37) Ethyl Acetate	6.88	43	876364	133.099	ug/l	99
38) Carbon Tetrachloride	7.73	117	1033114	138.003	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	880308	134.657	ug/l	99
40) Benzene	8.00	78	2939575	151.636	ug/l	99
41) Methacrylonitrile	7.13	41	411742	144.184	ug/l	94
42) 1,2-Dichloroethane	8.09	62	1025322	127.273	ug/l	100
43) Isopropyl Acetate	8.13	43	1521187	141.806	ug/l	99
44) Trichloroethene	8.80	130	778668	152.804	ug/l	96
45) 1,2-Dichloropropane	9.08	63	761021	146.752	ug/l	99
46) Dibromomethane	9.17	93	532191	147.960	ug/l	98
47) Bromodichloromethane	9.37	83	1086630	147.624	ug/l	99
48) Methyl methacrylate	9.17	41	733625	138.221	ug/l	99
49) 1,4-Dioxane	9.17	88	211695	2804.337	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	4367607	691.309	ug/l	95
52) Toluene	10.13	92	1914270	159.634	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	1207356	153.979	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	1280075	155.616	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	749507	156.235	ug/l	99
56) Ethyl methacrylate	10.40	69	1128273	167.909	ug/l	99
57) 1,3-Dichloropropane	10.68	76	1252560	155.029	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	2818250	788.422	ug/l	98
59) 2-Hexanone	10.72	43	3323906	710.363	ug/l	97
60) Dibromochloromethane	10.87	129	886300	158.251	ug/l	99
61) 1,2-Dibromoethane	10.98	107	798352	162.071	ug/l	99
64) Tetrachloroethene	10.60	164	702672	141.136	ug/l	97
65) Chlorobenzene	11.41	112	2056476	155.834	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	799528	158.677	ug/l	100
67) Ethyl Benzene	11.49	91	3617266	152.624	ug/l	95
68) m/p-Xylenes	11.59	106	2846549	320.276	ug/l	91
69) o-Xylene	11.92	106	1377167	165.735	ug/l	96
70) Styrene	11.94	104	2391932	170.020	ug/l	100
71) Bromoform	12.10	173	665728	173.169	ug/l #	97
73) Isopropylbenzene	12.23	105	3455318	143.388	ug/l	98
74) N-amyl acetate	12.05	43	1475396	151.713	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	1114129	150.026	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	1491425	204.857	ug/l #	100
77) Bromobenzene	12.50	156	939567	156.374	ug/l	99
78) n-propylbenzene	12.57	91	3930044	140.326	ug/l	97
79) 2-Chlorotoluene	12.65	91	2461698	142.560	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	2961069	146.458	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.28	75	401013	159.673	ug/l	97
82) 4-Chlorotoluene	12.75	91	2602595	145.790	ug/l	98
83) tert-Butylbenzene	12.97	119	2449820	148.222	ug/l	100
84) 1,2,4-Trimethylbenzene	13.02	105	3029296	150.840	ug/l	99
85) sec-Butylbenzene	13.15	105	3148694	145.360	ug/l	98
86) p-Isopropyltoluene	13.26	119	2952099	154.251	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	1695871	157.240	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	1724841	153.453	ug/l	99
89) n-Butylbenzene	13.59	91	2526362	145.038	ug/l	98
90) Hexachloroethane	13.85	117	497240	136.557	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	1652711	153.867	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	220389	129.993	ug/l	94

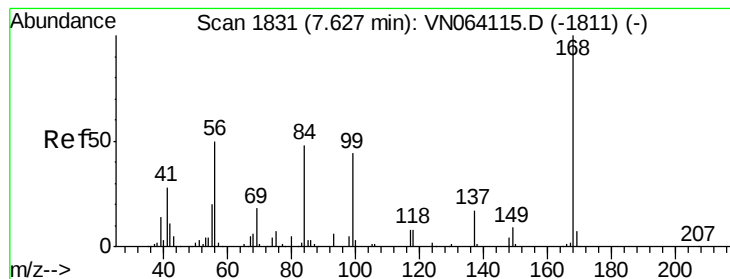
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	850026	148.261	ug/l	97
94) Hexachlorobutadiene	14.98	225	387398	116.786	ug/l	99
95) Naphthalene	15.10	128	2628531	150.544	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	841200	145.581	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064117.D

Acq: 14 Oct 2020 16:17

Instrument :

MSVOA_N

ClientSampleId :

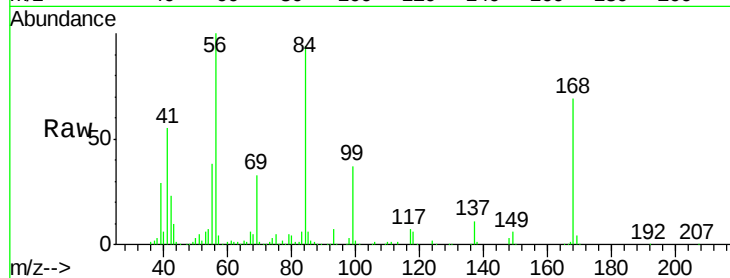
VSTDIC150

Tgt Ion:168 Resp: 409554

Ion Ratio Lower Upper

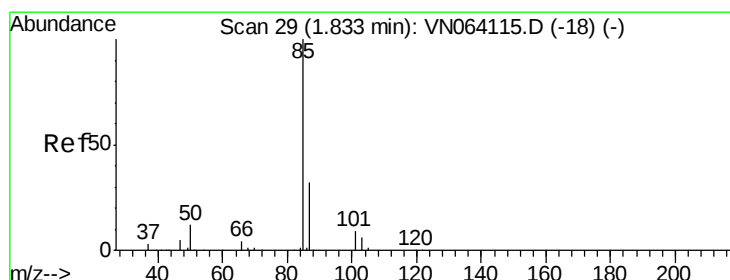
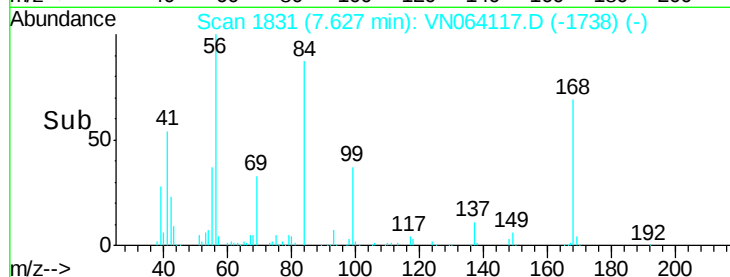
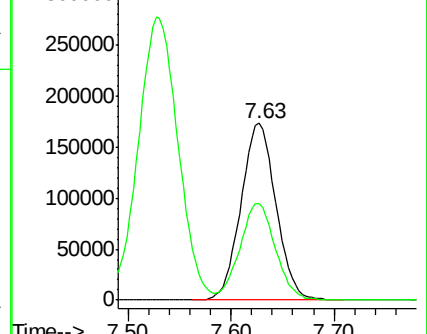
168 100

99 53.9 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 133.075 ug/l

RT: 1.83 min Scan# 28

Delta R.T. -0.00 min

Lab File: VN064117.D

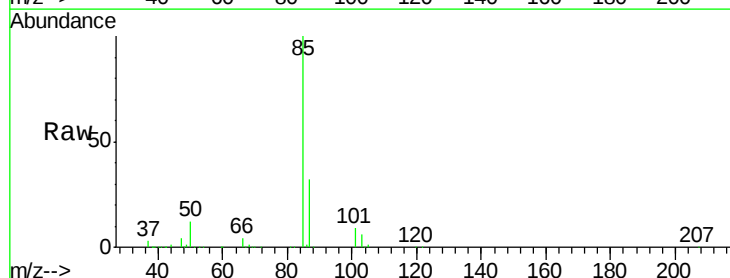
Acq: 14 Oct 2020 16:17

Tgt Ion: 85 Resp: 572155

Ion Ratio Lower Upper

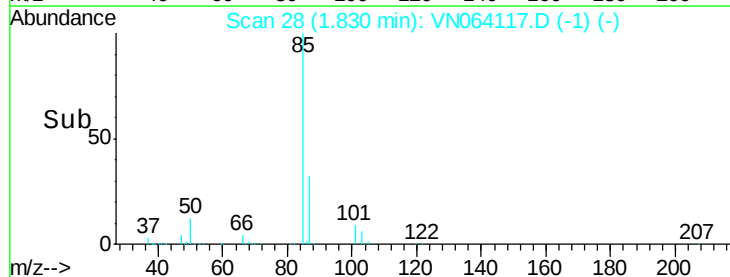
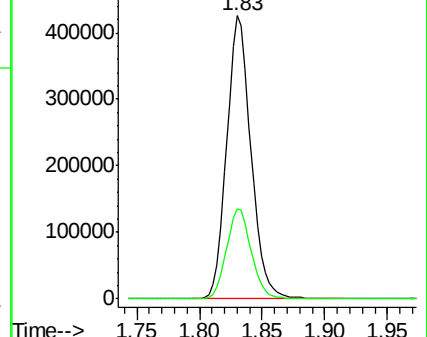
85 100

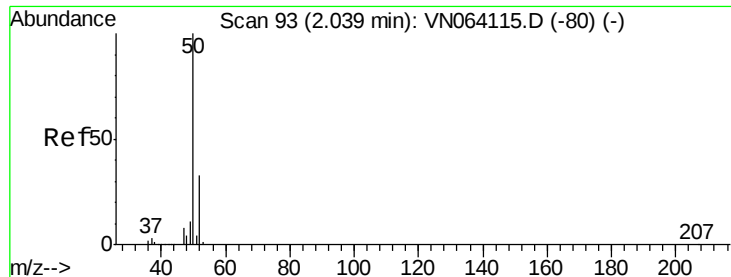
87 31.9 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 134.261 ug/l

RT: 2.04 min Scan# 92

Delta R.T. -0.00 min

Lab File: VN064117.D

Acq: 14 Oct 2020 16:17

Instrument :

MSVOA_N

ClientSampleId :

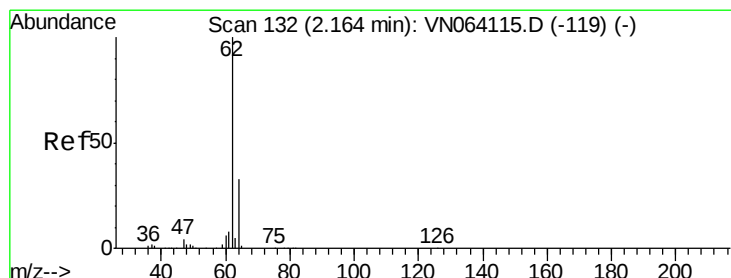
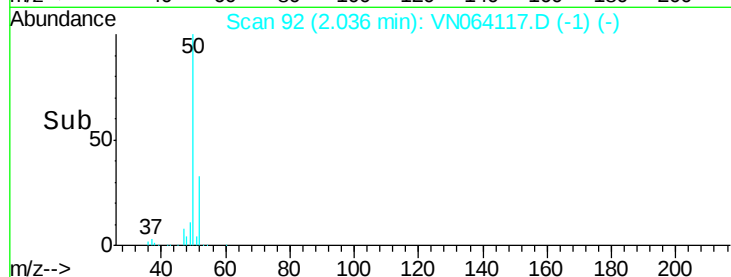
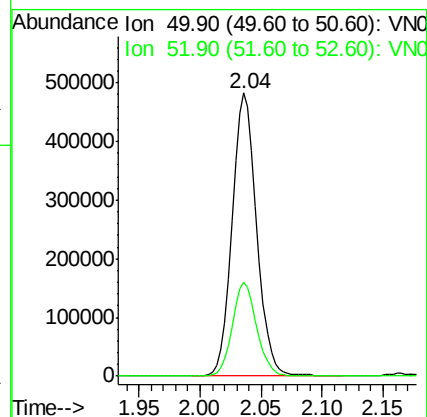
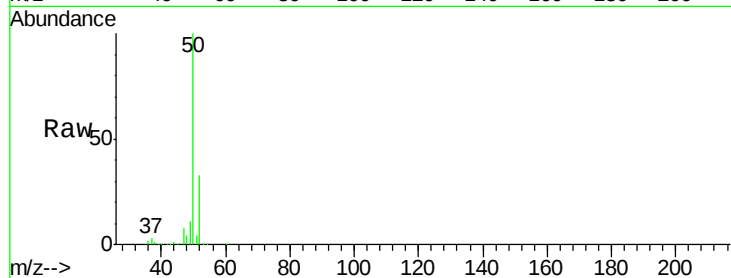
VSTDIC150

Tgt Ion: 50 Resp: 680784

Ion Ratio Lower Upper

50 100

52 33.4 26.1 39.1



#4

Vinyl Chloride

Concen: 159.820 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN064117.D

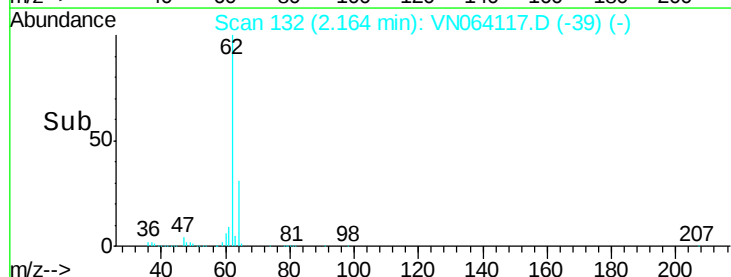
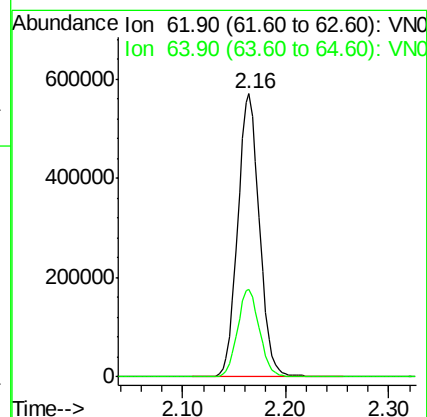
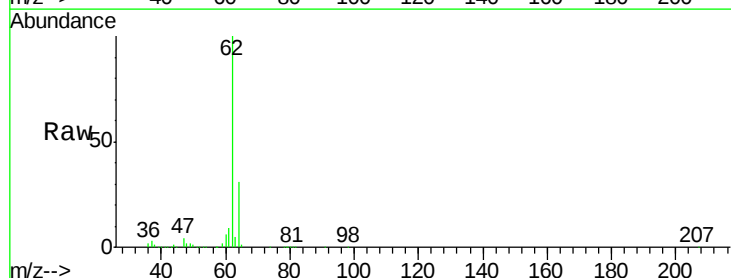
Acq: 14 Oct 2020 16:17

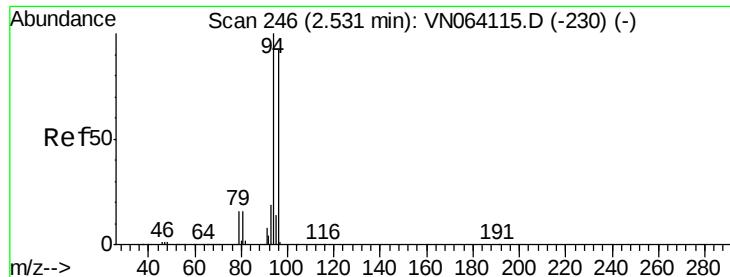
Tgt Ion: 62 Resp: 839803

Ion Ratio Lower Upper

62 100

64 31.1 26.2 39.4





#5

Bromomethane

Concen: 193.694 ug/l

RT: 2.51 min Scan# 239

Delta R.T. -0.02 min

Lab File: VN064117.D

Acq: 14 Oct 2020 16:17

Instrument :

MSVOA_N

ClientSampleId :

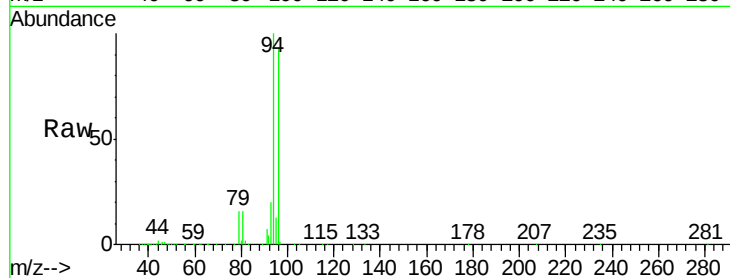
VSTDIC150

Tgt Ion: 94 Resp: 674481

Ion Ratio Lower Upper

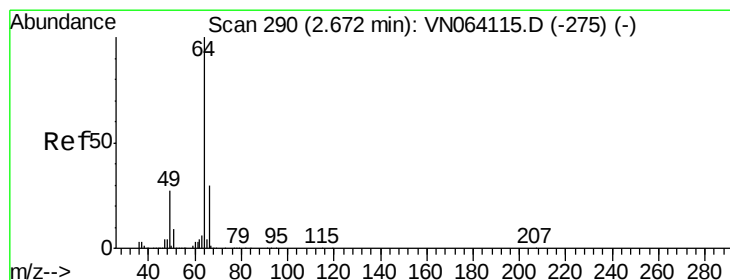
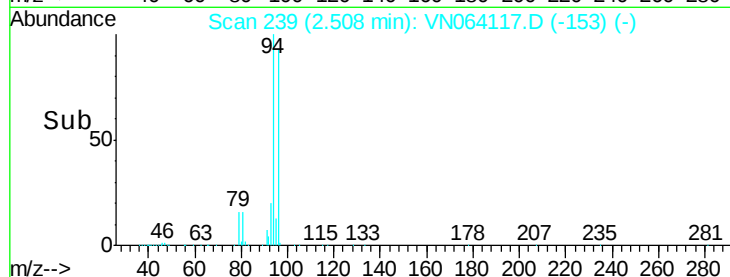
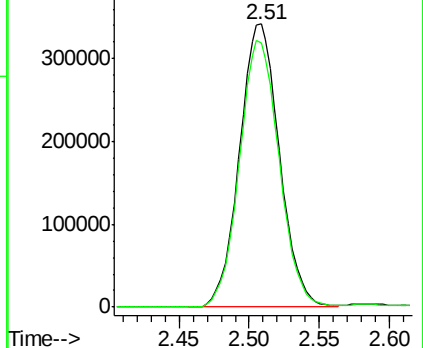
94 100

96 93.4 73.5 110.3



Abundance Ion 93.90 (93.60 to 94.60): VN064117.D (-230) (-)

Ion 95.90 (95.60 to 96.60): VN064117.D (-230) (-)



#6

Chloroethane

Concen: 192.090 ug/l

RT: 2.66 min Scan# 286

Delta R.T. -0.01 min

Lab File: VN064117.D

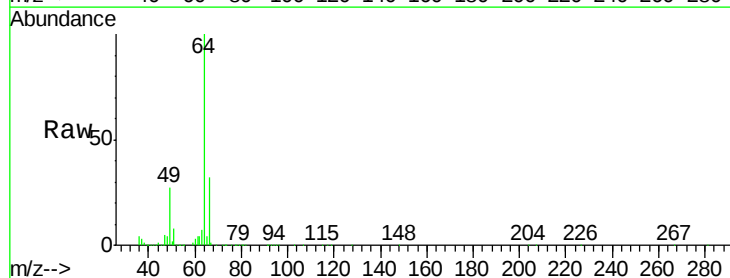
Acq: 14 Oct 2020 16:17

Tgt Ion: 64 Resp: 633752

Ion Ratio Lower Upper

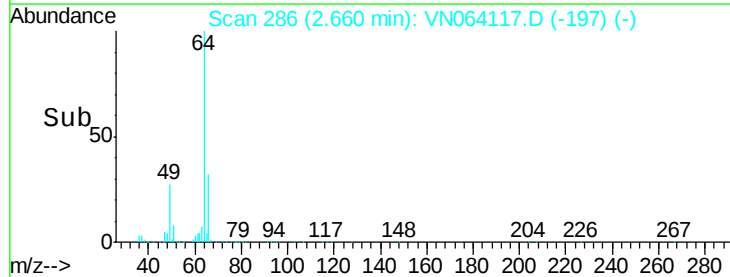
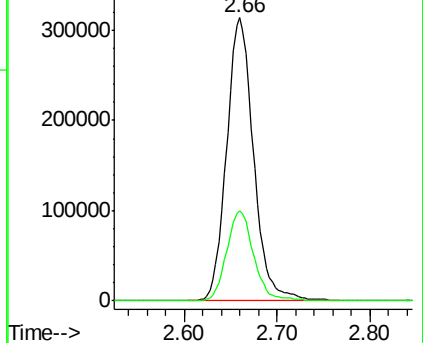
64 100

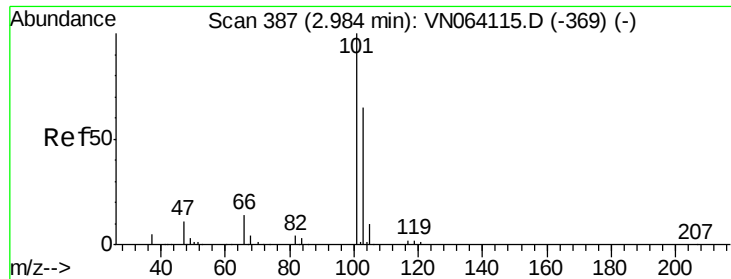
66 31.9 24.2 36.2



Abundance Ion 63.90 (63.60 to 64.60): VN064117.D (-197) (-)

Ion 65.90 (65.60 to 66.60): VN064117.D (-197) (-)



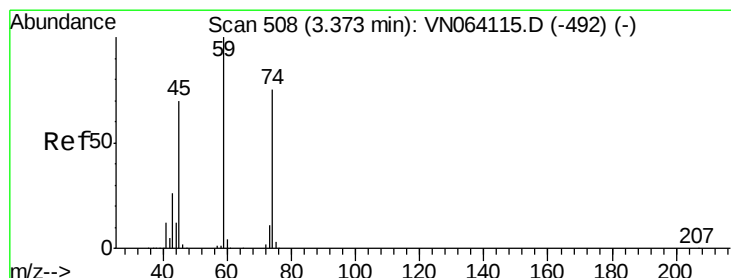
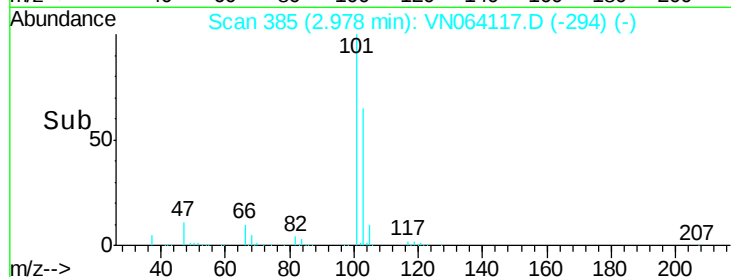
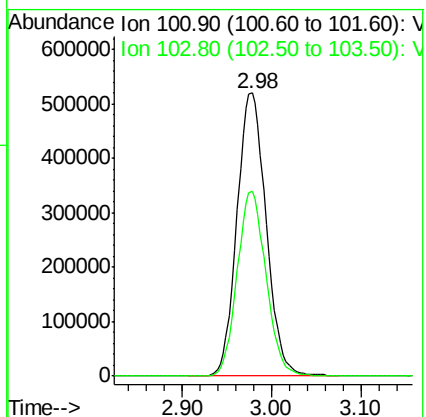
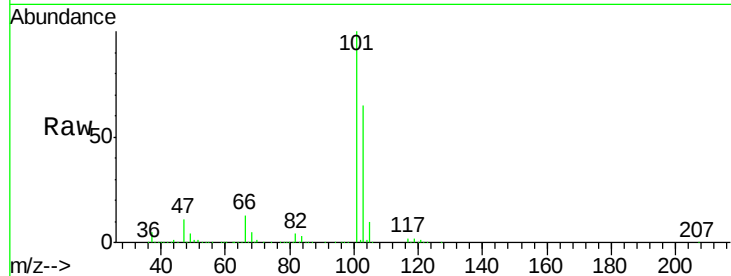


#7

Trichlorofluoromethane
 Concen: 146.010 ug/l
 RT: 2.98 min Scan# 385
 Delta R.T. -0.01 min
 Lab File: VN064117.D
 Acq: 14 Oct 2020 16:17

Instrument :
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 VSTDIC150

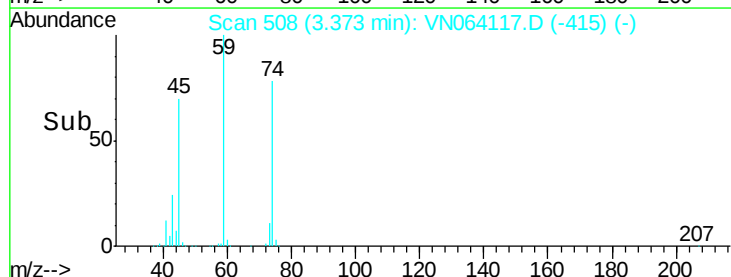
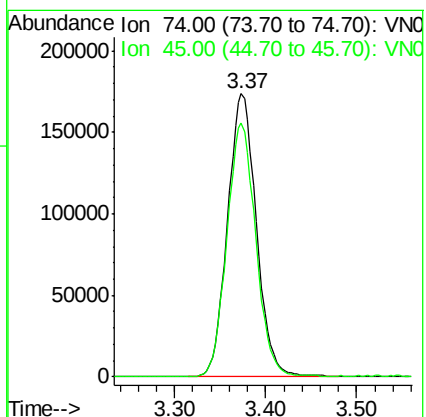
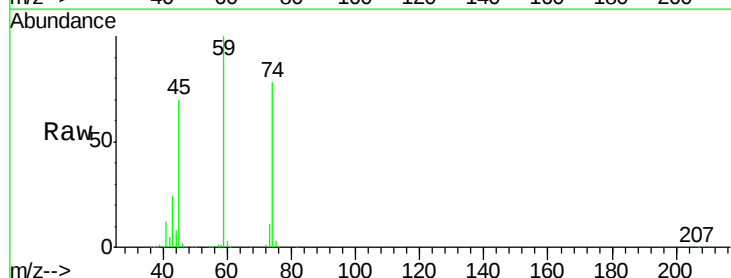
Tgt Ion:101 Resp: 1184256
 Ion Ratio Lower Upper
 101 100
 103 65.1 51.8 77.6

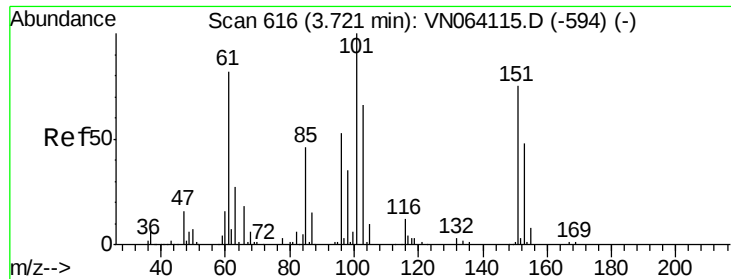


#8

Diethyl Ether
 Concen: 141.946 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: VN064117.D
 Acq: 14 Oct 2020 16:17

Tgt Ion: 74 Resp: 383330
 Ion Ratio Lower Upper
 74 100
 45 89.6 47.0 141.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 132.769 ug/l

RT: 3.72 min Scan# 615

Delta R.T. -0.00 min

Lab File: VN064117.D

Acq: 14 Oct 2020 16:17

Instrument :

MSVOA_N

ClientSampled :

VSTDIC150

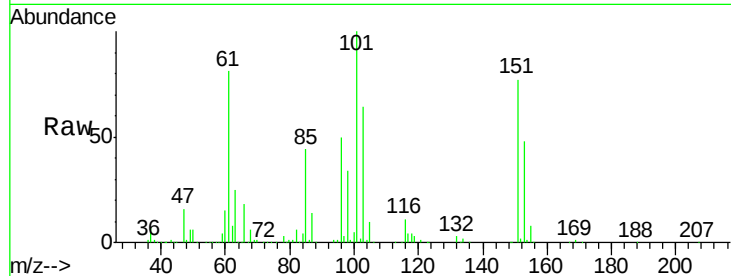
Tgt Ion:101 Resp: 569496

Ion Ratio Lower Upper

101 100

85 44.1 36.9 55.3

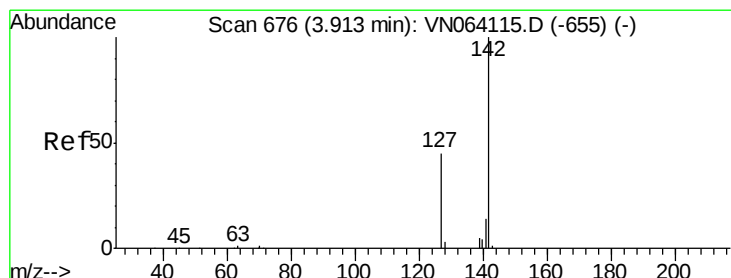
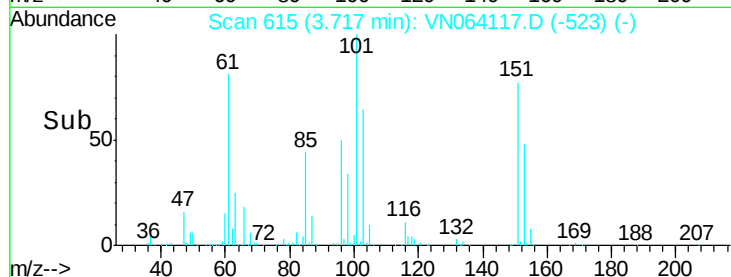
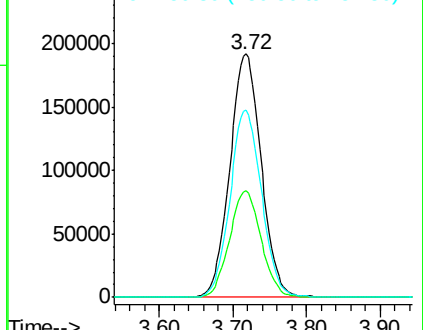
151 77.1 60.7 91.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 178.273 ug/l

RT: 3.91 min Scan# 675

Delta R.T. -0.00 min

Lab File: VN064117.D

Acq: 14 Oct 2020 16:17

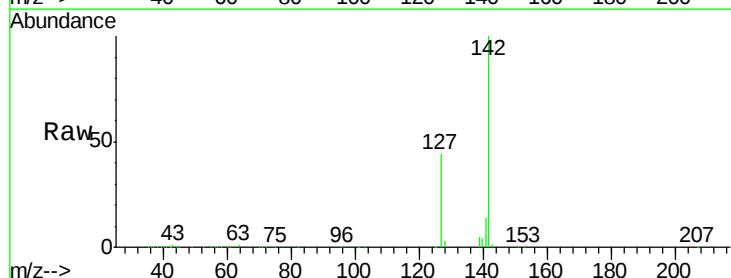
Tgt Ion:142 Resp: 913362

Ion Ratio Lower Upper

142 100

127 43.7 36.3 54.5

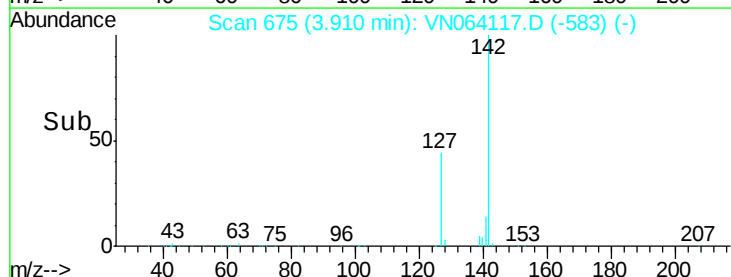
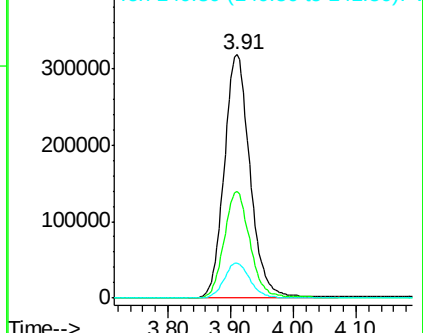
141 14.3 11.6 17.4

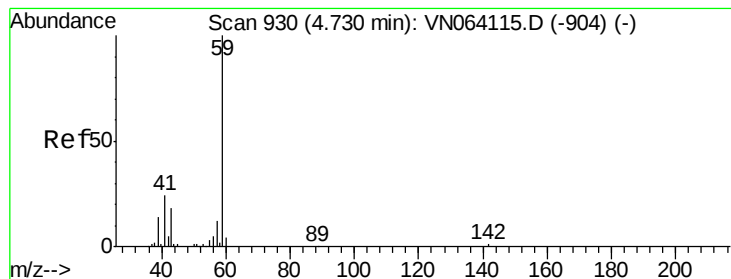


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



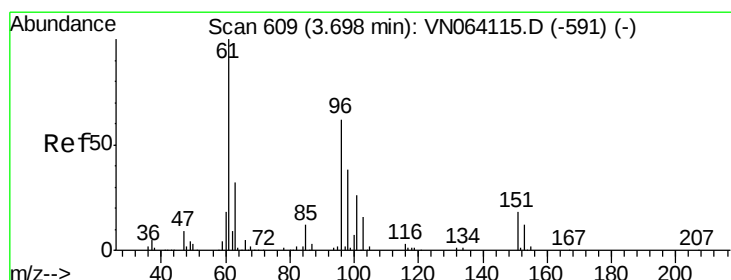
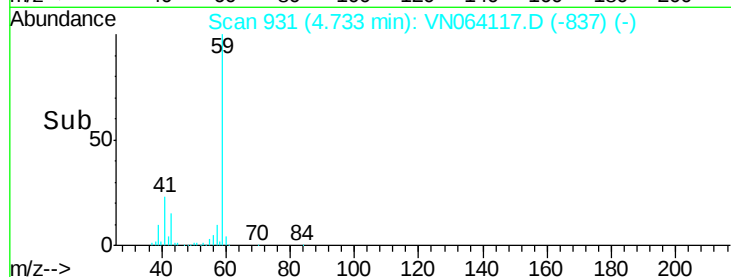
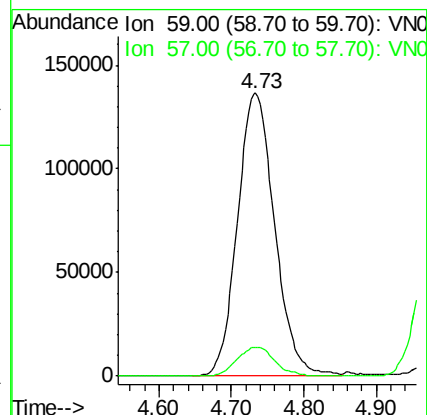
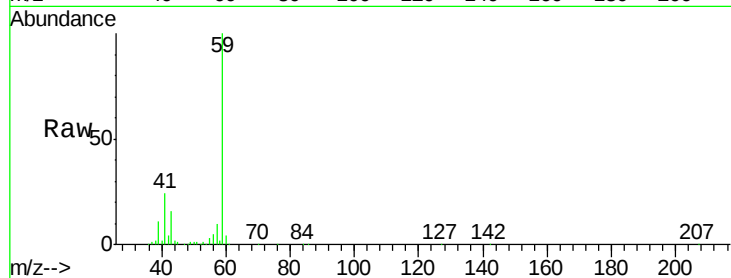


#11

Tert butyl alcohol
 Concen: 675.551 ug/l
 RT: 4.73 min Scan# 931
 Delta R.T. 0.00 min
 Lab File: VN064117.D
 Acq: 14 Oct 2020 16:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

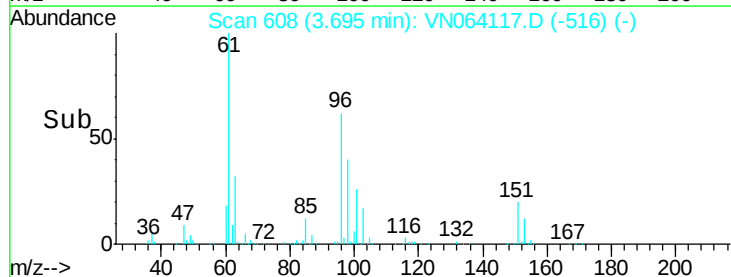
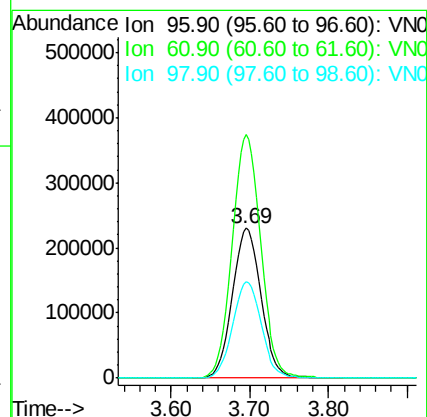
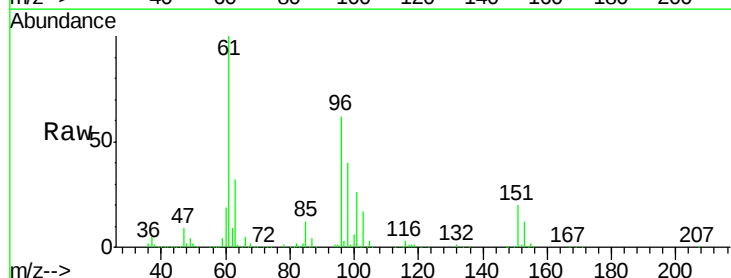
Tgt Ion: 59 Resp: 487913
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.9 13.3

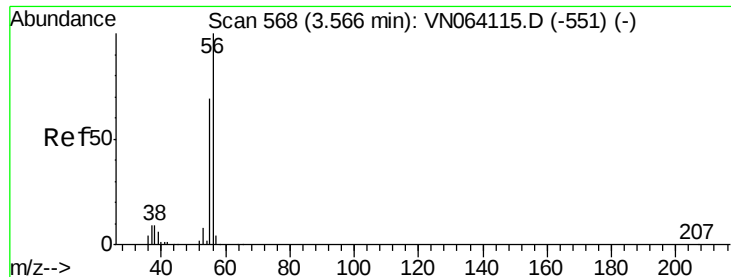


#12

1,1-Dichloroethene
 Concen: 140.831 ug/l
 RT: 3.69 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: VN064117.D
 Acq: 14 Oct 2020 16:17

Tgt Ion: 96 Resp: 582352
 Ion Ratio Lower Upper
 96 100
 61 162.4 129.9 194.9
 98 64.5 48.9 73.3





#13

Acrolein

Concen: 884.609 ug/l

RT: 3.56 min Scan# 567

Delta R.T. -0.00 min

Lab File: VN064117.D

Acq: 14 Oct 2020 16:17

Instrument :

MSVOA_N

ClientSampleId :

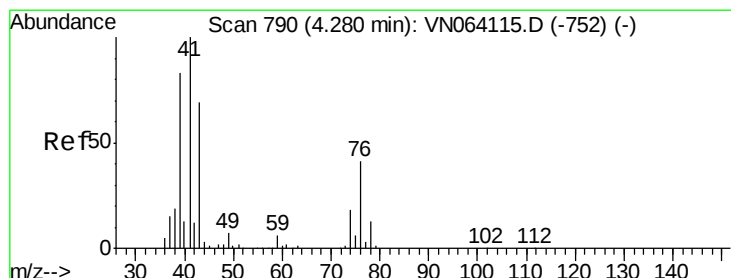
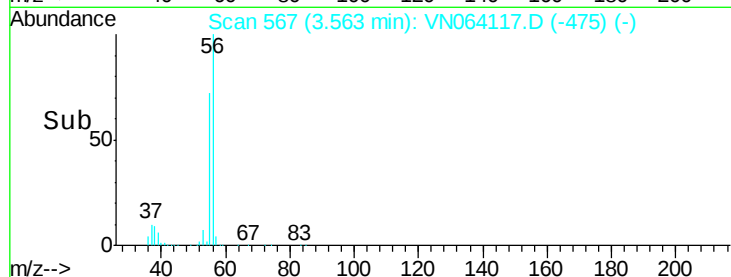
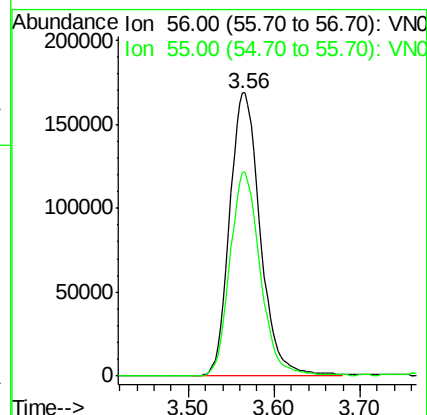
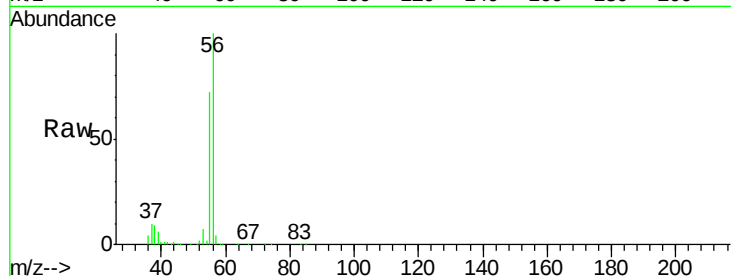
VSTDIC150

Tgt Ion: 56 Resp: 416974

Ion Ratio Lower Upper

56 100

55 71.4 55.8 83.6



#14

Allyl chloride

Concen: 115.525 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN064117.D

Acq: 14 Oct 2020 16:17

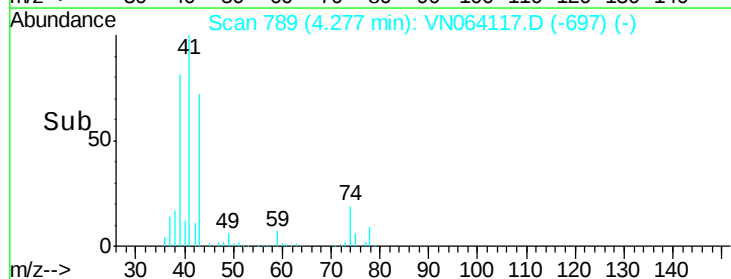
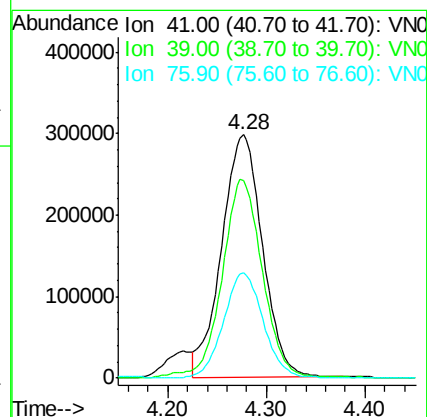
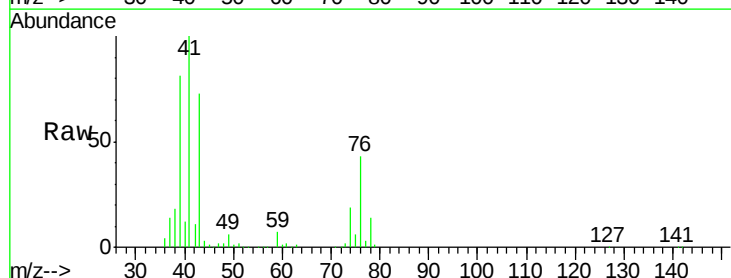
Tgt Ion: 41 Resp: 861288

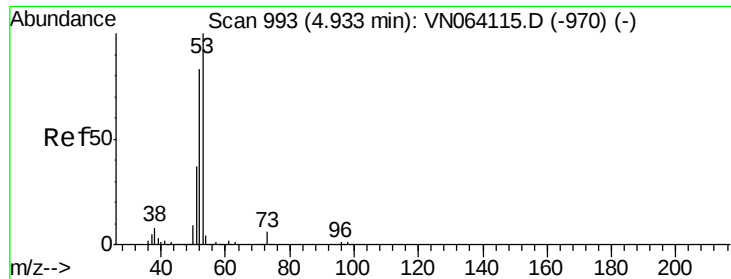
Ion Ratio Lower Upper

41 100

39 80.7 60.5 90.7

76 41.6 29.5 44.3





#15

Acrylonitrile

Concen: 673.078 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN064117.D

Acq: 14 Oct 2020 16:17

Instrument :

MSVOA_N

ClientSampled :

VSTDIC150

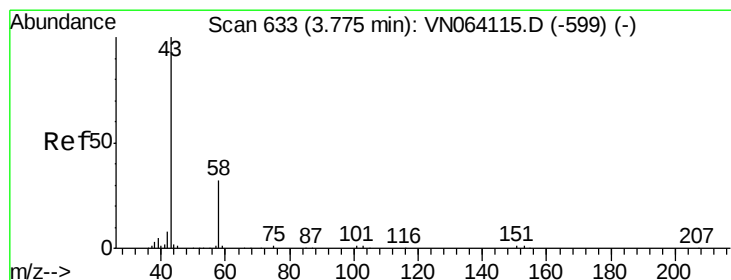
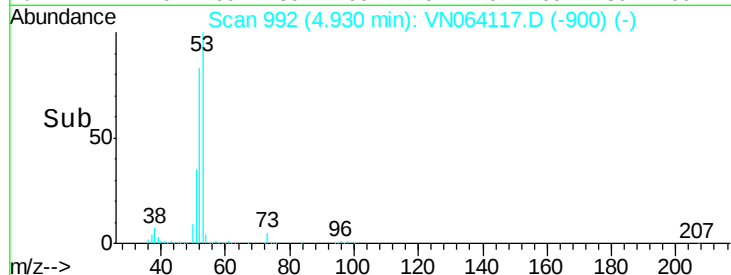
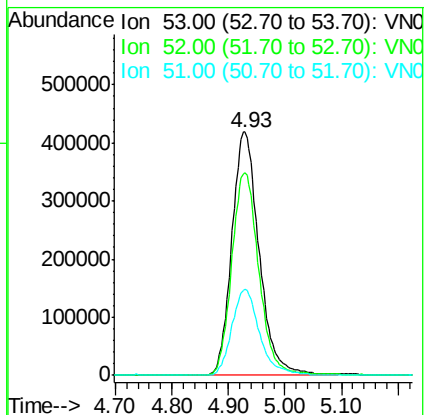
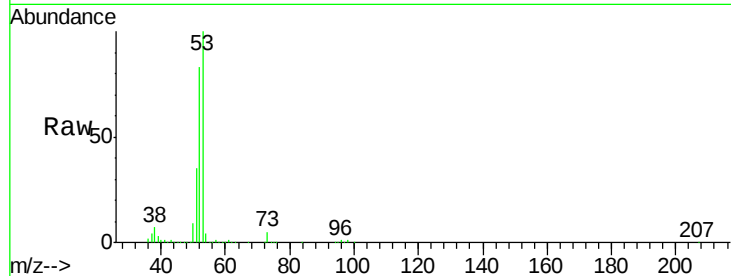
Tgt Ion: 53 Resp: 1407505

Ion Ratio Lower Upper

53 100

52 82.4 65.8 98.6

51 35.9 29.4 44.2



#16

Acetone

Concen: 601.419 ug/l

RT: 3.77 min Scan# 632

Delta R.T. -0.00 min

Lab File: VN064117.D

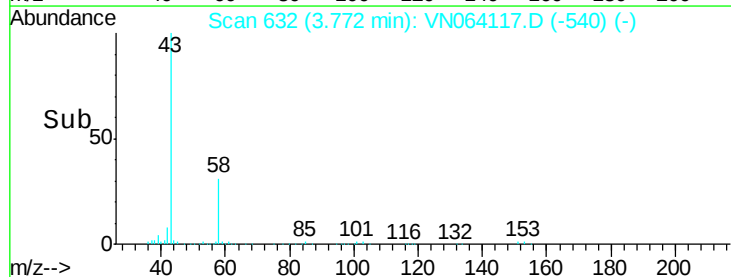
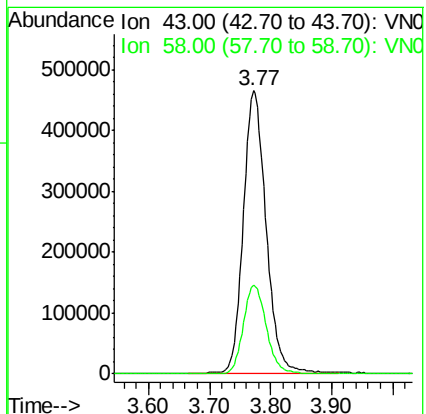
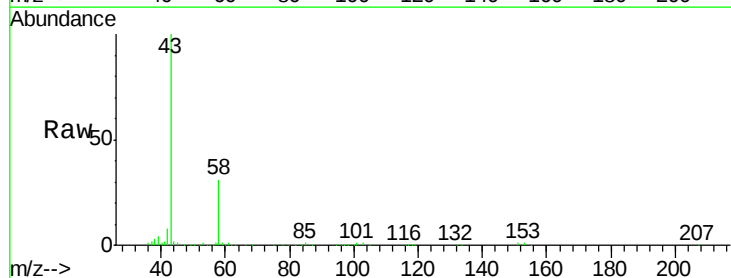
Acq: 14 Oct 2020 16:17

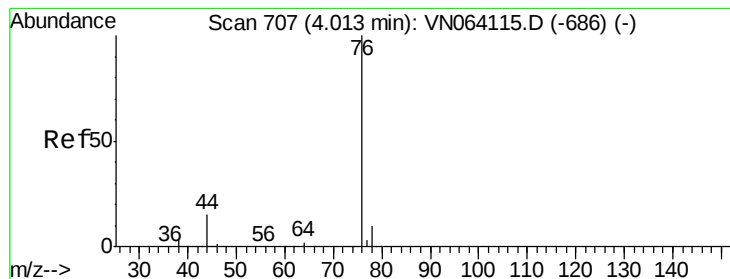
Tgt Ion: 43 Resp: 1215446

Ion Ratio Lower Upper

43 100

58 31.1 25.2 37.8





#17

Carbon Disulfide

Concen: 142.162 ug/l

RT: 4.01 min Scan# 706

Delta R.T. -0.00 min

Lab File: VN064117.D

Acq: 14 Oct 2020 16:17

Instrument :

MSVOA_N

ClientSampleId :

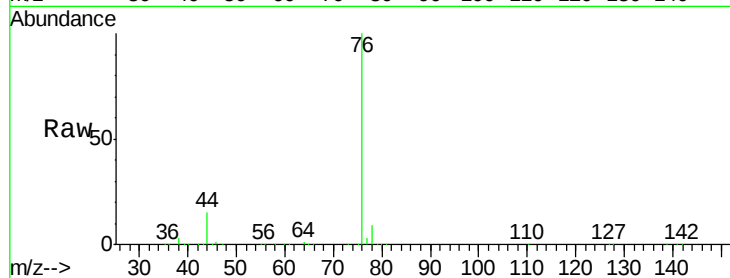
VSTDIC150

Tgt Ion: 76 Resp: 1724332

Ion Ratio Lower Upper

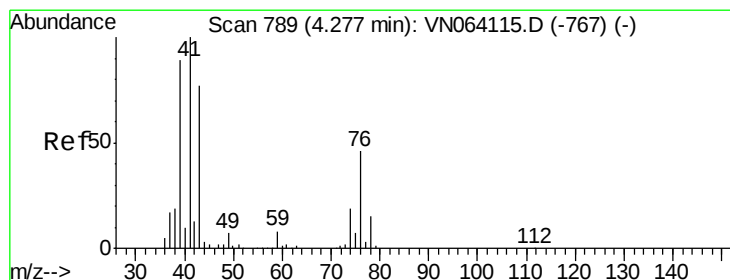
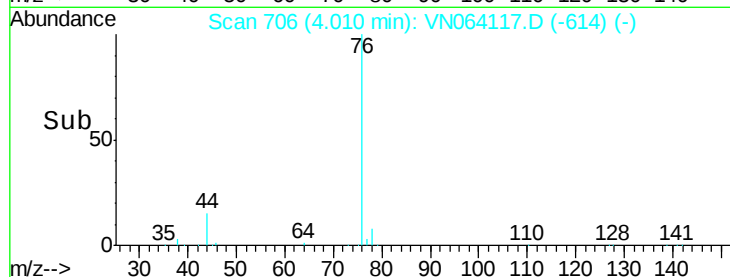
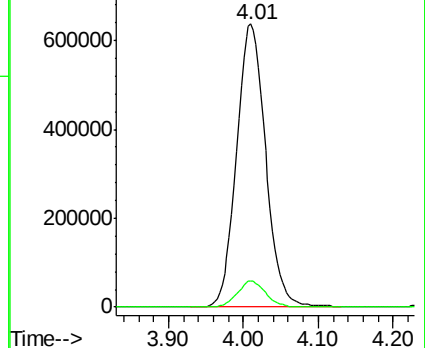
76 100

78 9.3 7.6 11.4



Abundance Ion 75.90 (75.60 to 76.60): VN064117.D (-614) (-)

Ion 77.90 (77.60 to 78.60): VN064117.D (-614) (-)



#18

Methyl Acetate

Concen: 117.594 ug/l

RT: 4.27 min Scan# 788

Delta R.T. -0.00 min

Lab File: VN064117.D

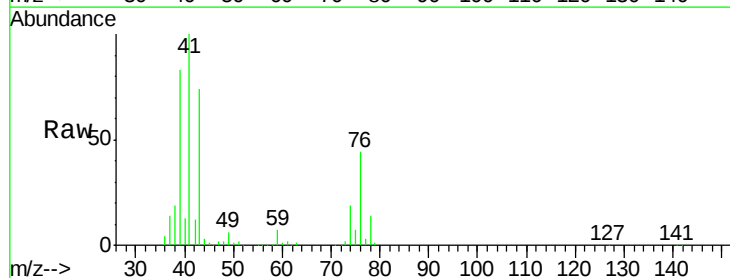
Acq: 14 Oct 2020 16:17

Tgt Ion: 43 Resp: 616107

Ion Ratio Lower Upper

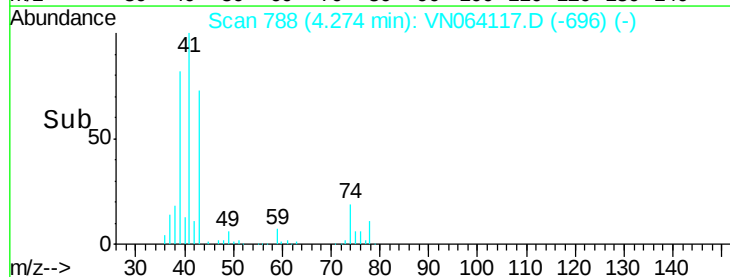
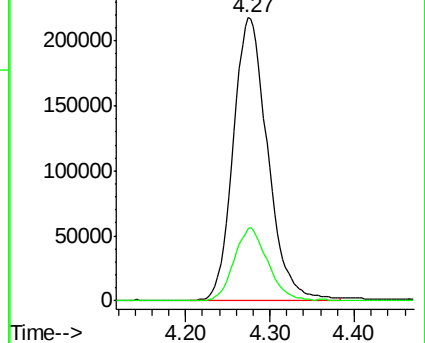
43 100

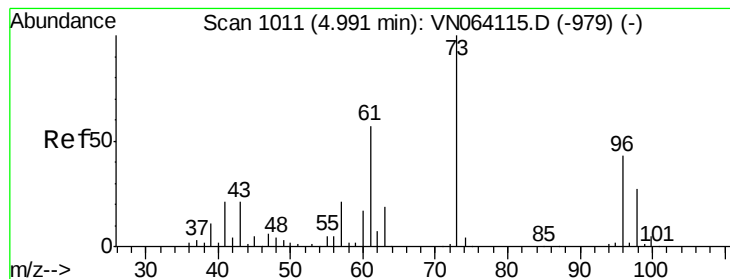
74 25.3 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VN064117.D (-696) (-)

Ion 74.00 (73.70 to 74.70): VN064117.D (-696) (-)





#19

Methyl tert-butyl Ether

Concen: 126.802 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. -0.00 min

Lab File: VN064117.D

Acq: 14 Oct 2020 16:17

Instrument :

MSVOA_N

ClientSampled :

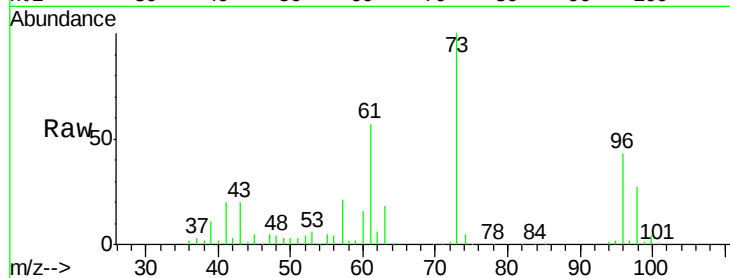
VSTDIC150

Tgt Ion: 73 Resp: 1849740

Ion Ratio Lower Upper

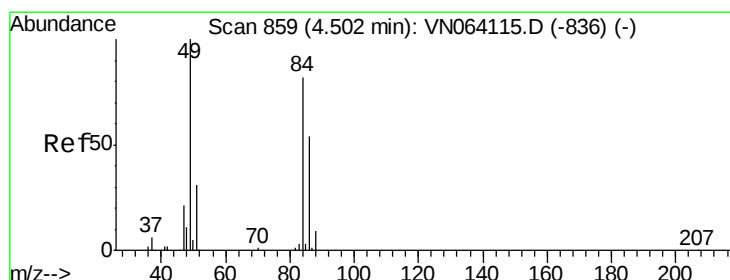
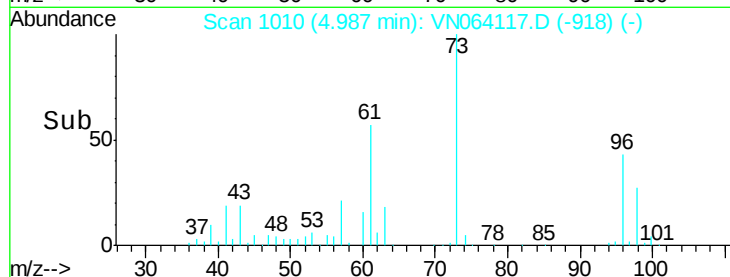
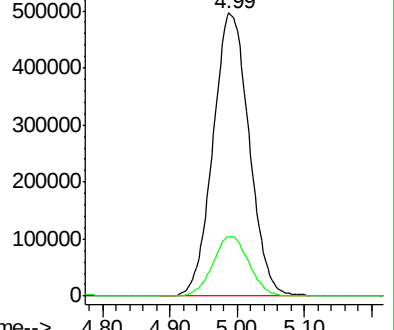
73 100

57 21.2 17.0 25.4



Abundance Ion 73.00 (72.70 to 73.70): VN064117.D (-918) (-)

Ion 57.00 (56.70 to 57.70): VN064117.D (-918) (-)



#20

Methylene Chloride

Concen: 137.146 ug/l

RT: 4.50 min Scan# 859

Delta R.T. 0.00 min

Lab File: VN064117.D

Acq: 14 Oct 2020 16:17

Tgt Ion: 84 Resp: 711824

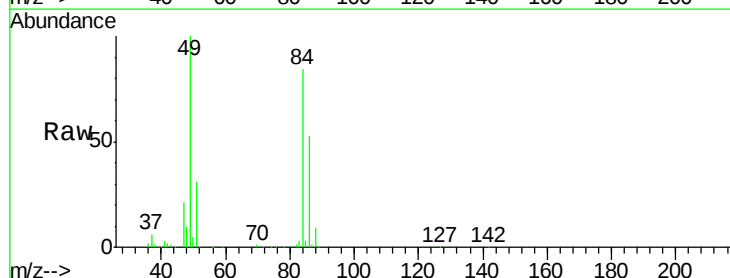
Ion Ratio Lower Upper

84 100

49 119.3 97.4 146.0

51 36.6 29.7 44.5

86 63.6 52.5 78.7

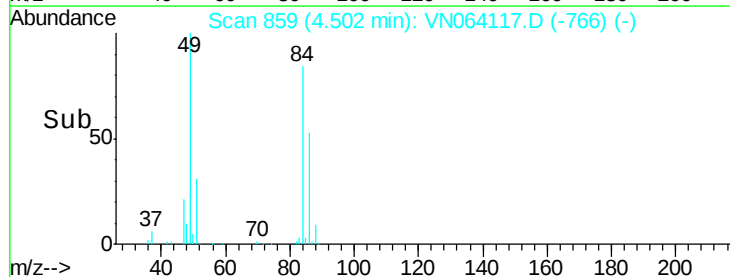
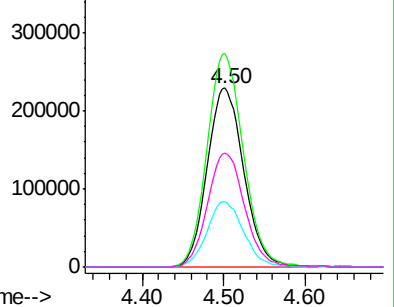


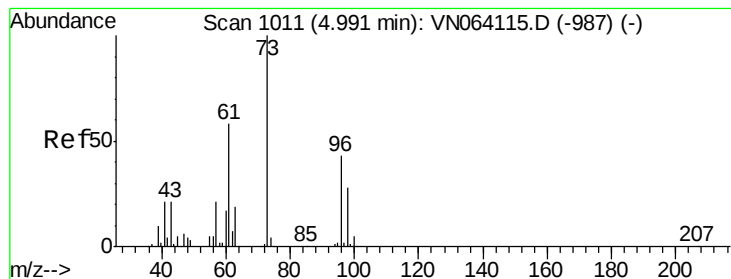
Abundance Ion 83.90 (83.60 to 84.60): VN064117.D (-766) (-)

Ion 48.90 (48.60 to 49.60): VN064117.D (-766) (-)

Ion 50.90 (50.60 to 51.60): VN064117.D (-766) (-)

Ion 85.90 (85.60 to 86.60): VN064117.D (-766) (-)





#21

trans-1,2-Dichloroethene

Concen: 144.689 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. -0.00 min

Lab File: VN064117.D

Acq: 14 Oct 2020 16:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

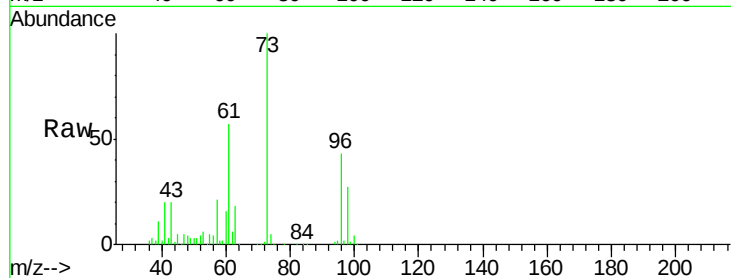
Tgt Ion: 96 Resp: 674492

Ion Ratio Lower Upper

96 100

61 133.7 107.0 160.4

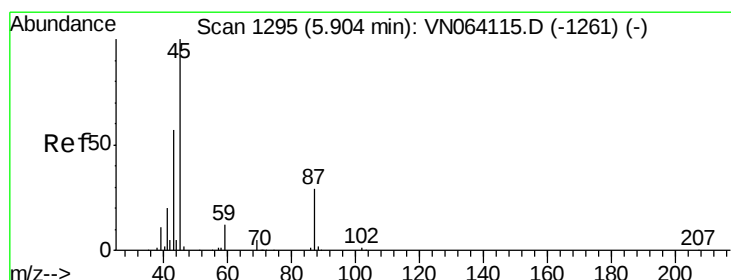
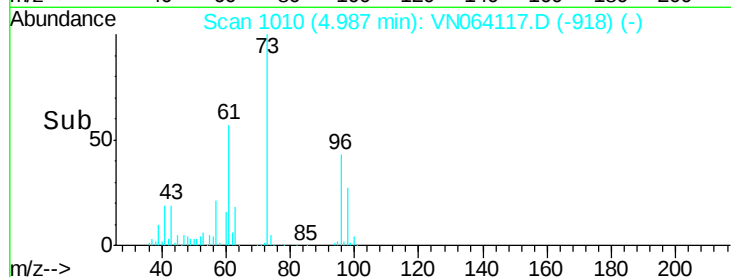
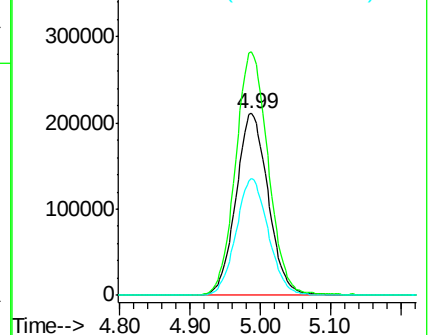
98 64.2 51.0 76.6



Abundance Ion 95.90 (95.60 to 96.60): VN064117.D (-918) (-)

Ion 60.90 (60.60 to 61.60): VN064117.D (-918) (-)

Ion 97.90 (97.60 to 98.60): VN064117.D (-918) (-)



#22

Diisopropyl ether

Concen: 124.705 ug/l

RT: 5.90 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VN064117.D

Acq: 14 Oct 2020 16:17

Tgt Ion: 45 Resp: 1907597

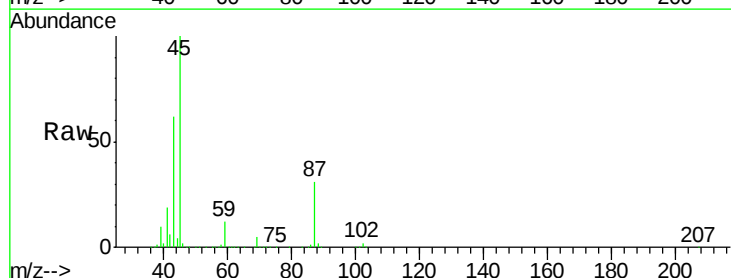
Ion Ratio Lower Upper

45 100

43 62.4 50.9 76.3

87 30.5 23.5 35.3

59 11.9 9.4 14.2

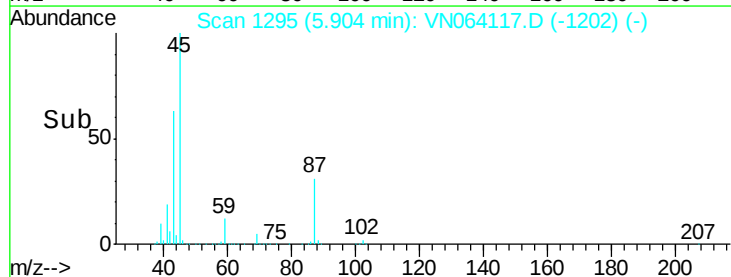
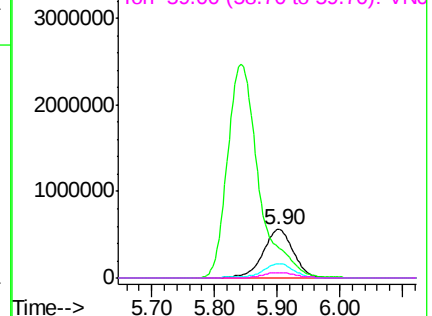


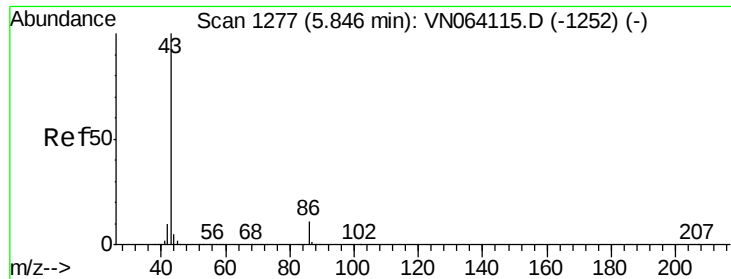
Abundance Ion 45.00 (44.70 to 45.70): VN064117.D (-1202) (-)

Ion 43.00 (42.70 to 43.70): VN064117.D (-1202) (-)

Ion 87.00 (86.70 to 87.70): VN064117.D (-1202) (-)

Ion 59.00 (58.70 to 59.70): VN064117.D (-1202) (-)

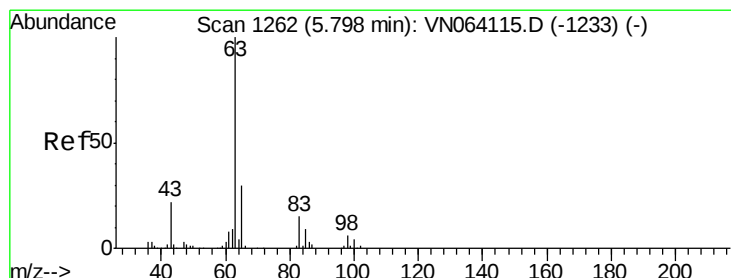
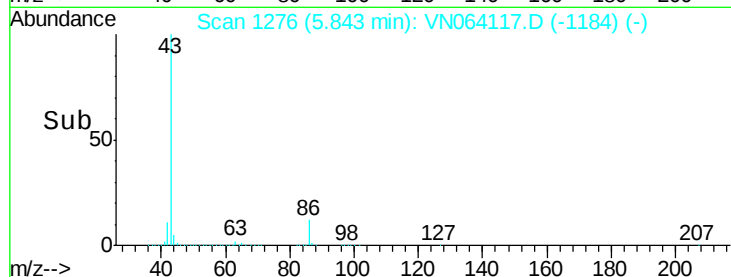
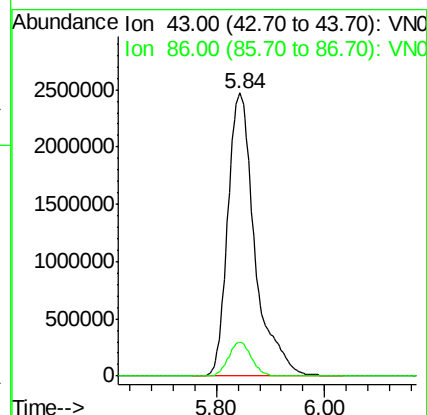
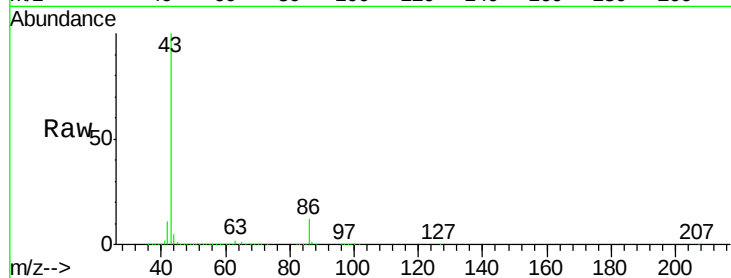




#23
 Vinyl Acetate
 Concen: 671.840 ug/l
 RT: 5.84 min Scan# 1276
 Delta R.T. -0.00 min
 Lab File: VN064117.D
 Acq: 14 Oct 2020 16:17

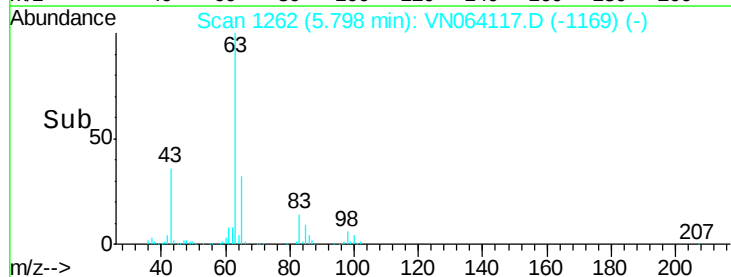
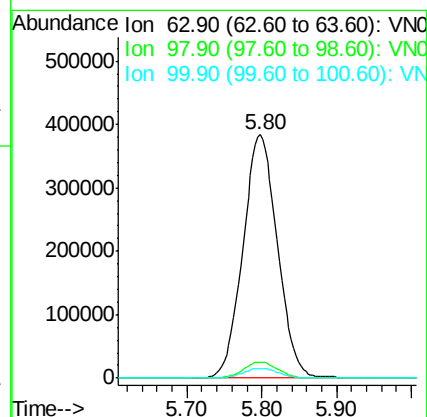
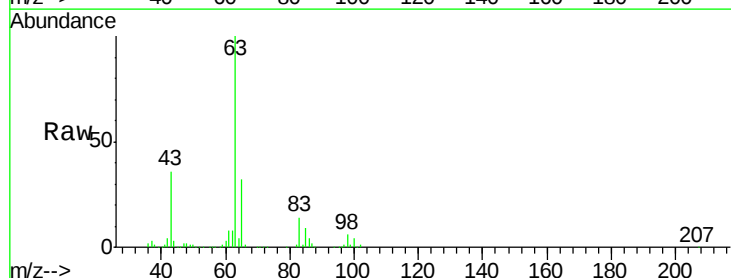
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC150

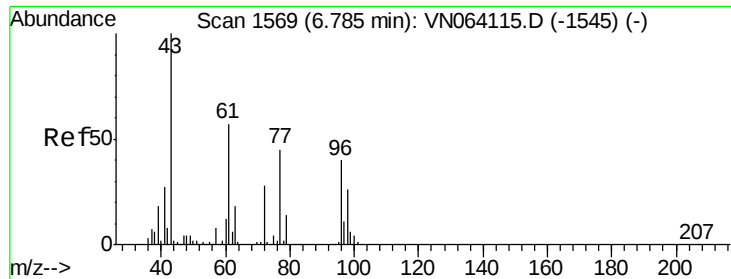
Tgt Ion: 43 Resp: 8601153
 Ion Ratio Lower Upper
 43 100
 86 12.1 8.8 13.2



#24
 1,1-Dichloroethane
 Concen: 137.246 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: VN064117.D
 Acq: 14 Oct 2020 16:17

Tgt Ion: 63 Resp: 1229525
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.1 9.3
 100 4.0 2.1 6.2

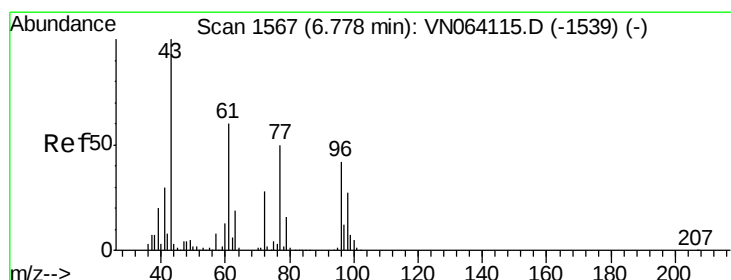
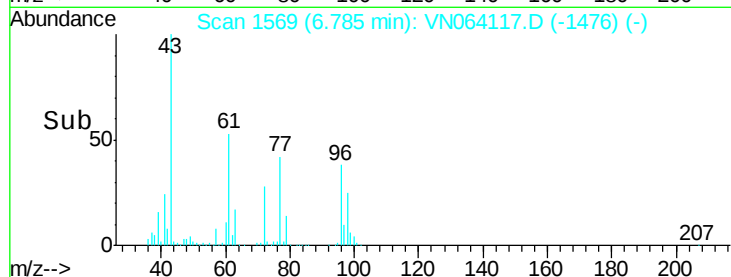
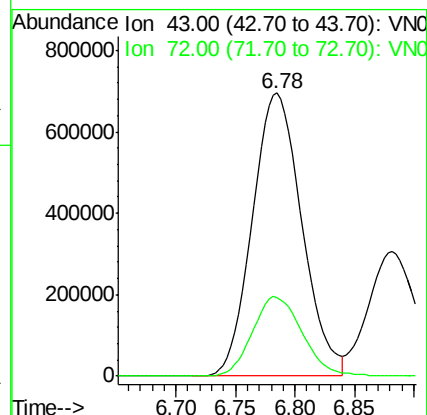
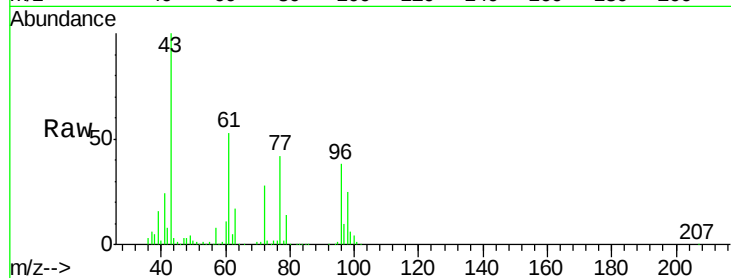




#25
2-Butanone
Concen: 689.540 ug/l
RT: 6.78 min Scan# 1569
Delta R.T. 0.00 min
Lab File: VN064117.D
Acq: 14 Oct 2020 16:17

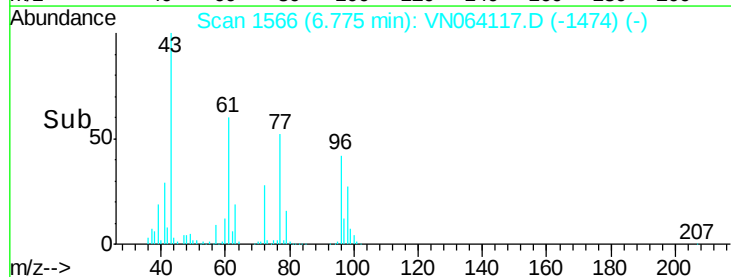
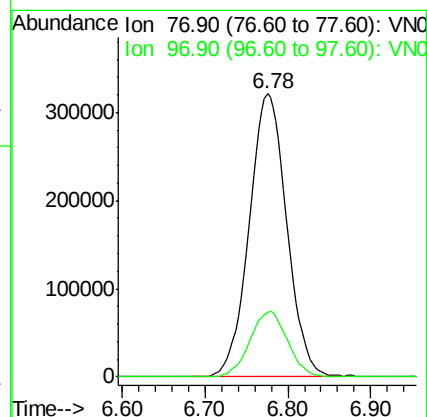
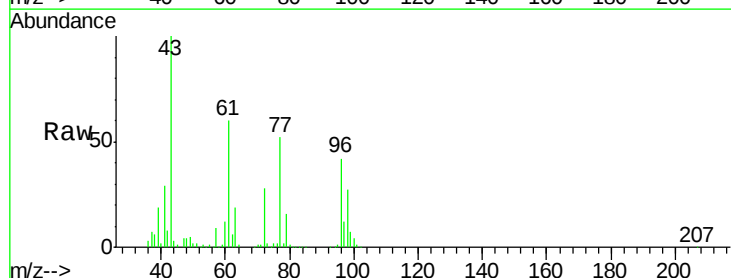
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

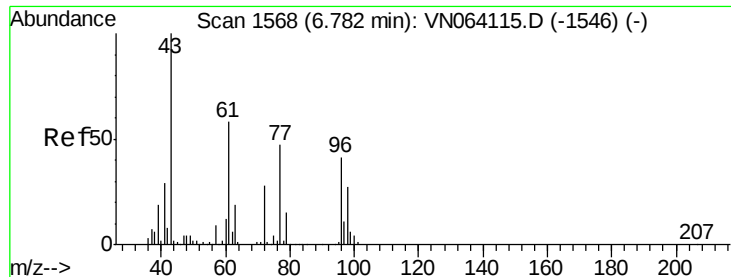
Tgt Ion: 43 Resp: 1995024
Ion Ratio Lower Upper
43 100
72 27.8 22.2 33.2



#26
2,2-Dichloropropane
Concen: 125.183 ug/l
RT: 6.78 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VN064117.D
Acq: 14 Oct 2020 16:17

Tgt Ion: 77 Resp: 1009816
Ion Ratio Lower Upper
77 100
97 23.2 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 147.725 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN064117.D

Acq: 14 Oct 2020 16:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

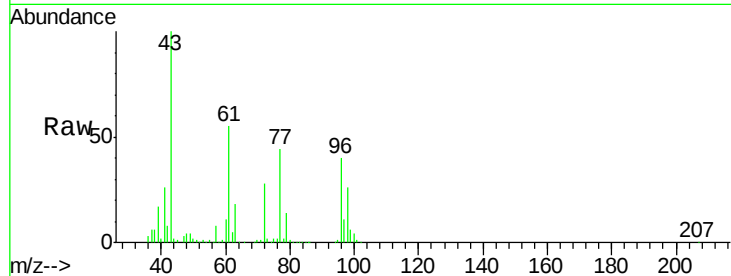
Tgt Ion: 96 Resp: 790731

Ion Ratio Lower Upper

96 100

61 141.6 0.0 285.6

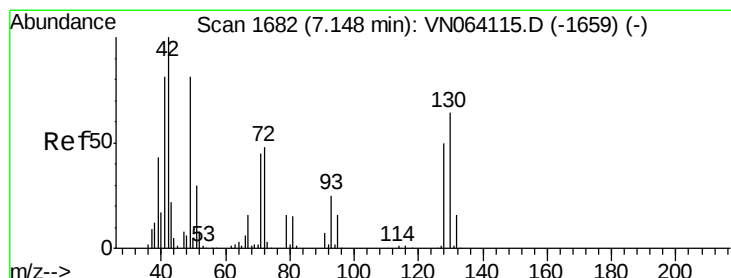
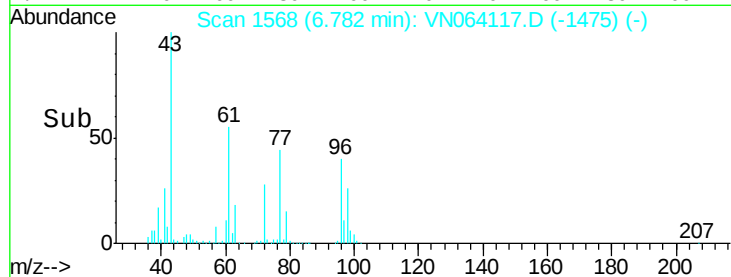
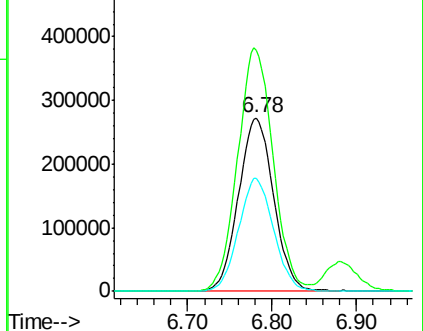
98 64.9 0.0 131.0



Abundance Ion 95.90 (95.60 to 96.60): VN064117.D (-1475) (-)

Ion 60.90 (60.60 to 61.60): VN064117.D (-1475) (-)

Ion 97.90 (97.60 to 98.60): VN064117.D (-1475) (-)



#28

Bromochloromethane

Concen: 143.383 ug/l

RT: 7.15 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VN064117.D

Acq: 14 Oct 2020 16:17

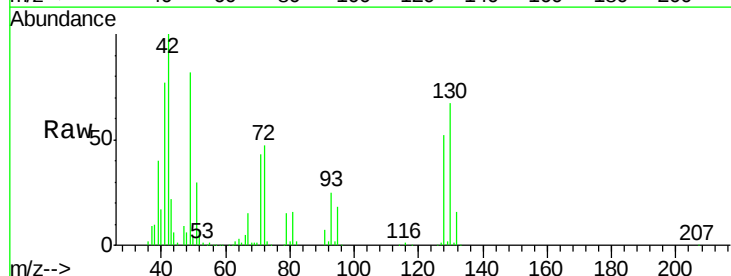
Tgt Ion: 49 Resp: 624696

Ion Ratio Lower Upper

49 100

129 2.4 0.0 2.0#

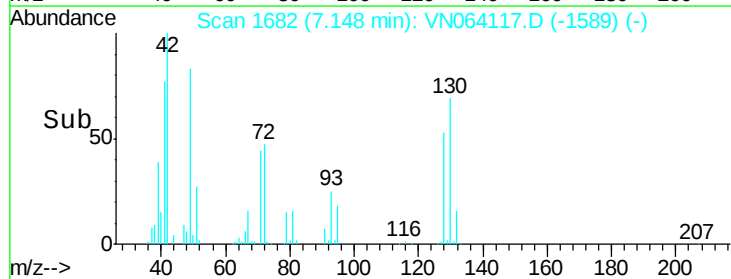
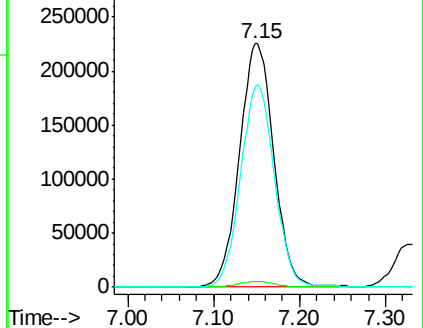
130 81.9 0.0 0.0#

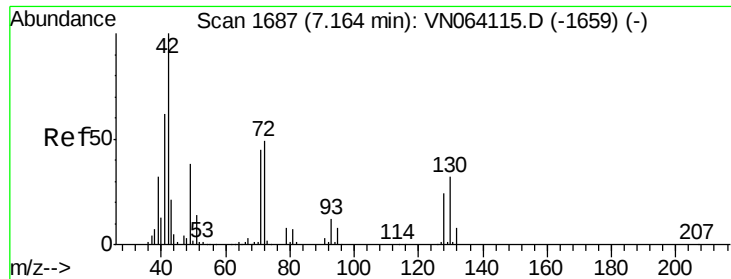


Abundance Ion 48.90 (48.60 to 49.60): VN064117.D (-1589) (-)

Ion 128.80 (128.50 to 129.50): VN064117.D (-1589) (-)

Ion 129.80 (129.50 to 130.50): VN064117.D (-1589) (-)

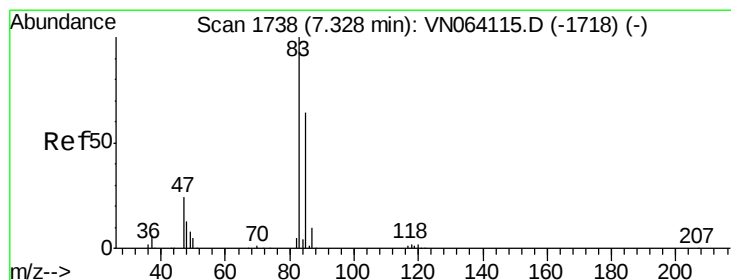
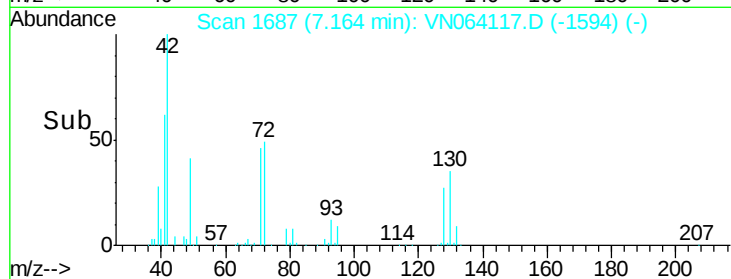
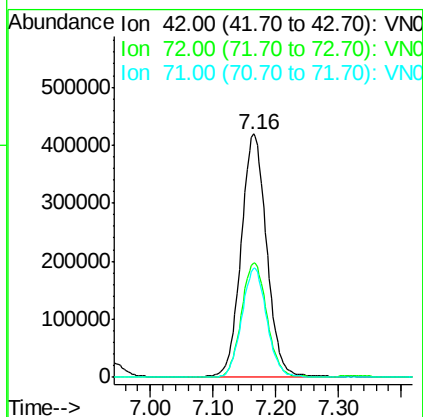
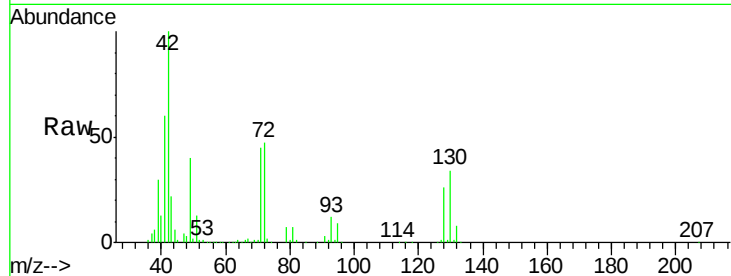




#29
Tetrahydrofuran
Concen: 618.633 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VN064117.D
Acq: 14 Oct 2020 16:17

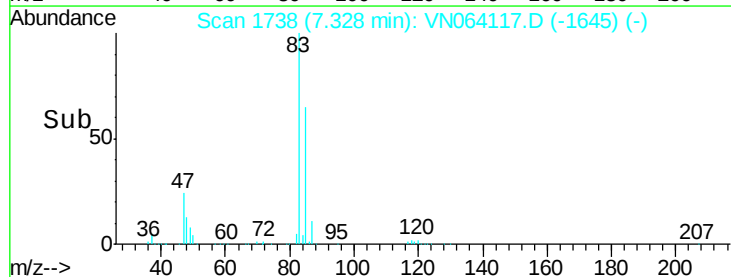
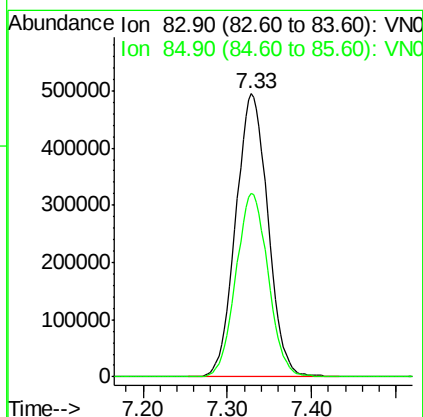
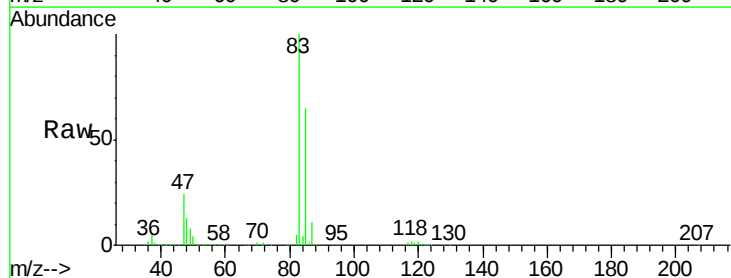
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

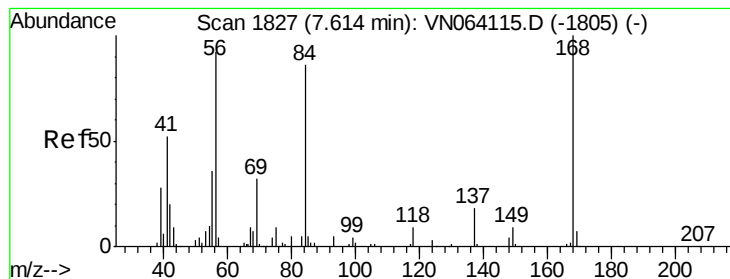
Tgt Ion: 42 Resp: 1183627
Ion Ratio Lower Upper
42 100
72 47.0 37.8 56.6
71 44.1 35.3 52.9



#30
Chloroform
Concen: 140.040 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN064117.D
Acq: 14 Oct 2020 16:17

Tgt Ion: 83 Resp: 1316194
Ion Ratio Lower Upper
83 100
85 64.9 51.5 77.3





#31

Cyclohexane

Concen: 118.259 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN064117.D

Acq: 14 Oct 2020 16:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

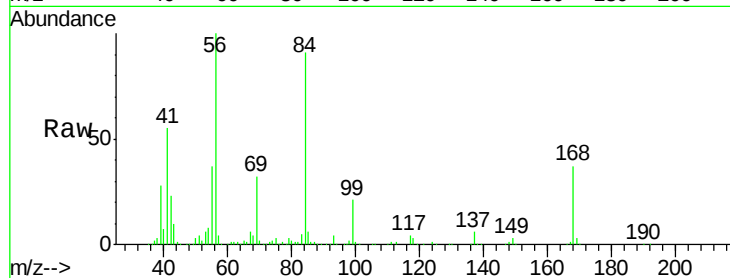
Tgt Ion: 56 Resp: 901341

Ion Ratio Lower Upper

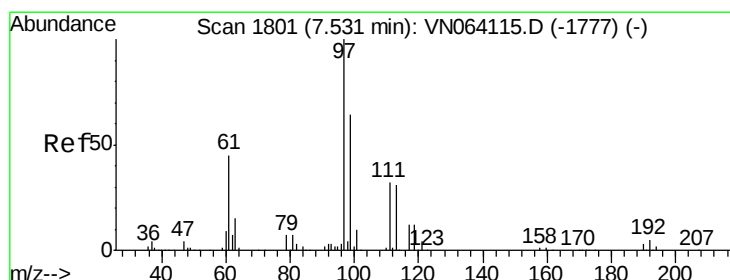
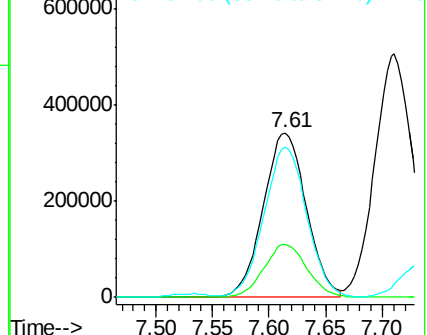
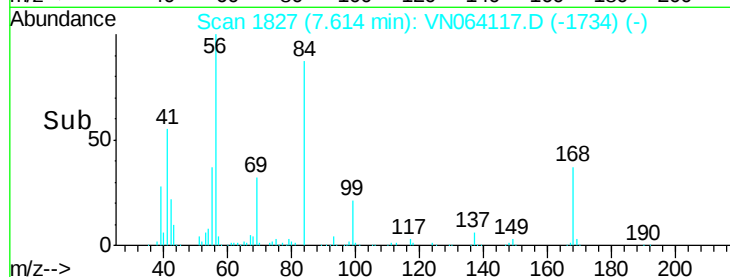
56 100

69 32.0 27.8 41.6

84 89.2 73.2 109.8



Abundance Ion 56.00 (55.70 to 56.70): VN064117.D (-1734) (-)



#32

1,1,1-Trichloroethane

Concen: 137.849 ug/l

RT: 7.53 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN064117.D

Acq: 14 Oct 2020 16:17

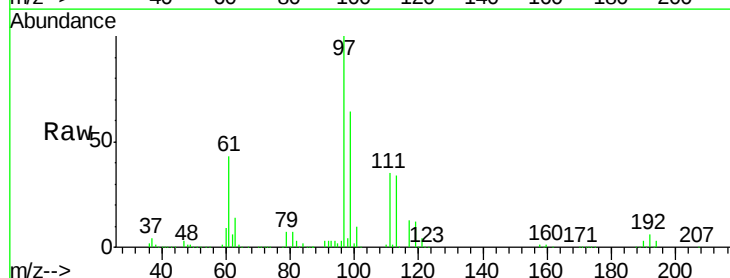
Tgt Ion: 97 Resp: 1159361

Ion Ratio Lower Upper

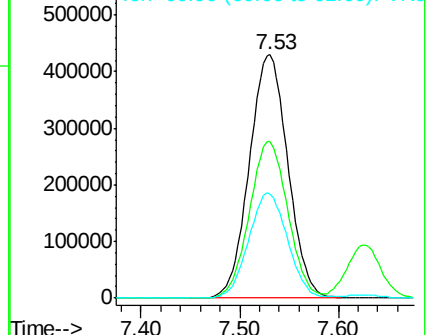
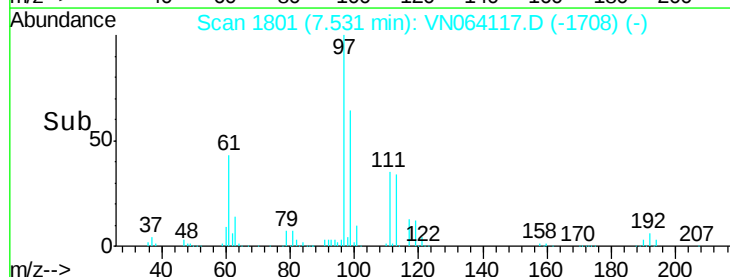
97 100

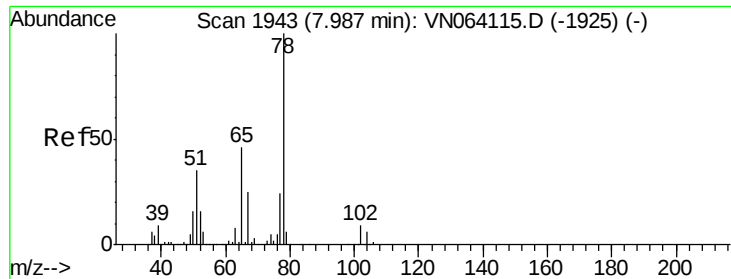
99 64.4 50.2 75.2

61 43.5 35.6 53.4



Abundance Ion 96.90 (96.60 to 97.60): VN064117.D (-1708) (-)

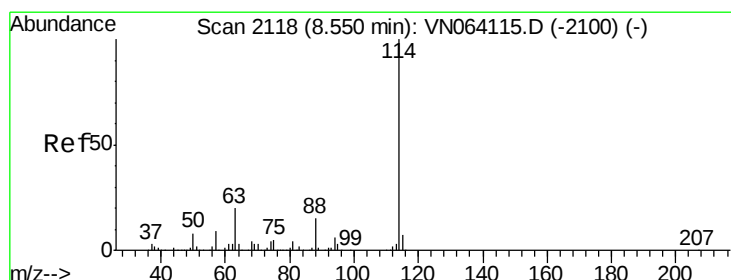
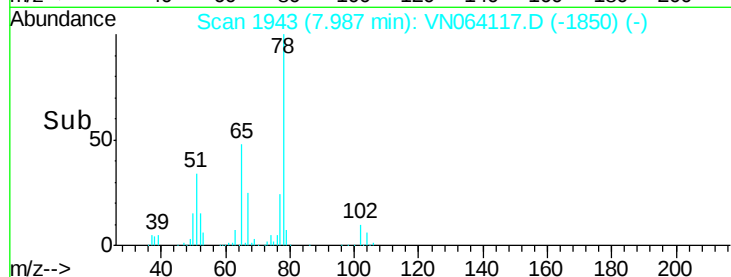
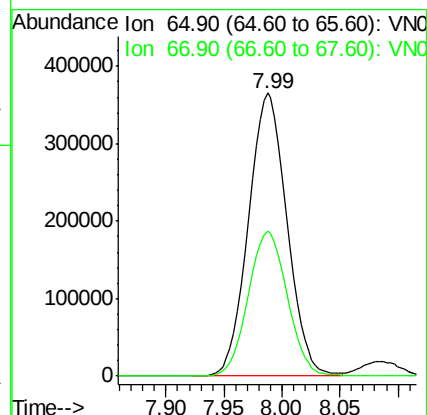
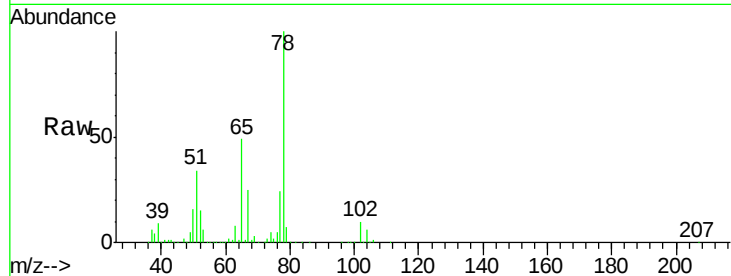




#33
 1,2-Dichloroethane-d4
 Concen: 129.142 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064117.D
 Acq: 14 Oct 2020 16:17

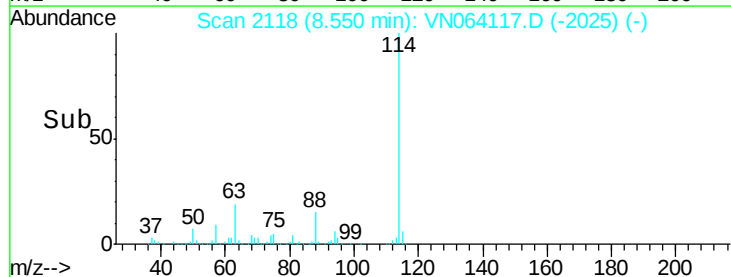
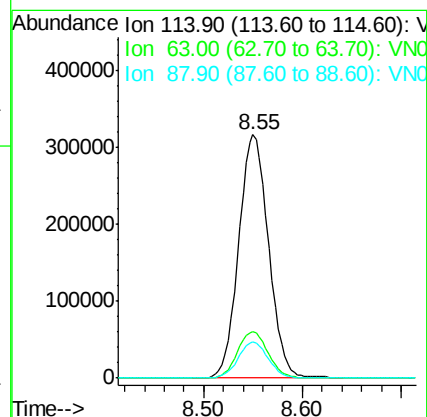
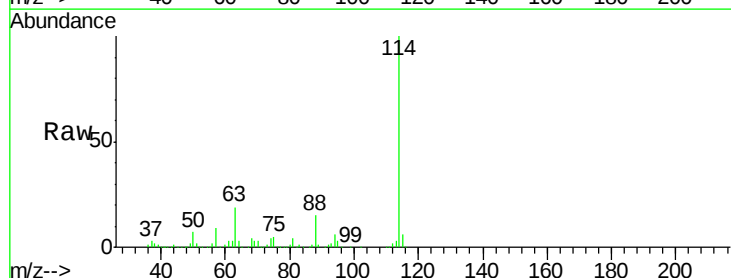
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

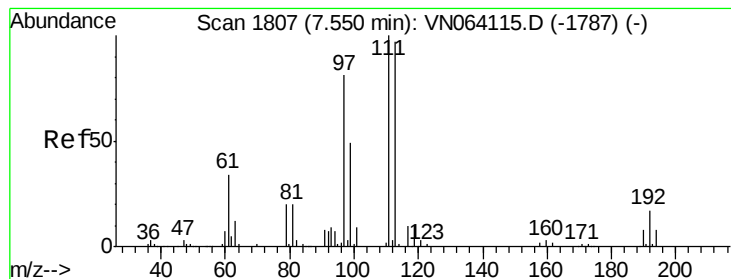
Tgt Ion: 65 Resp: 844844
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064117.D
 Acq: 14 Oct 2020 16:17

Tgt Ion: 114 Resp: 664392
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 41.0
 88 14.9 0.0 29.2





#35

Dibromofluoromethane

Concen: 152.185 ug/l

RT: 7.55 min Scan# 1806

Delta R.T. -0.00 min

Lab File: VN064117.D

Acq: 14 Oct 2020 16:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

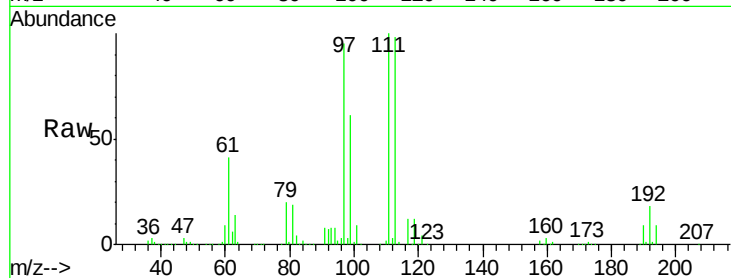
Tgt Ion: 113 Resp: 696624

Ion Ratio Lower Upper

113 100

111 102.9 81.9 122.9

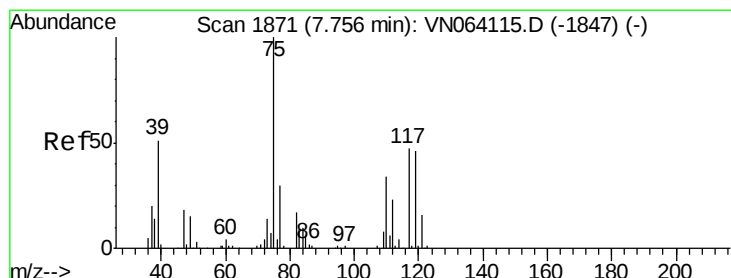
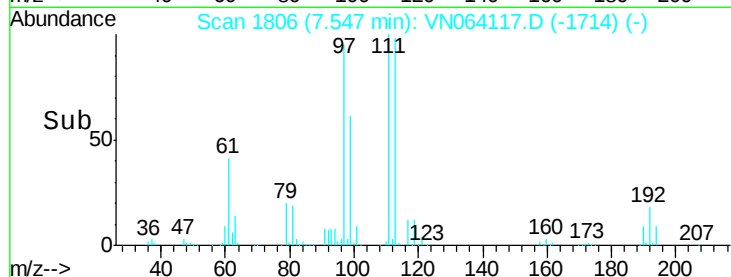
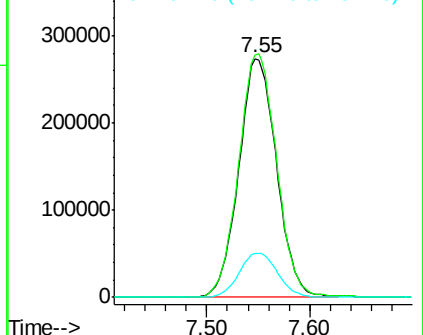
192 18.8 14.3 21.5



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 144.705 ug/l

RT: 7.75 min Scan# 1870

Delta R.T. -0.00 min

Lab File: VN064117.D

Acq: 14 Oct 2020 16:17

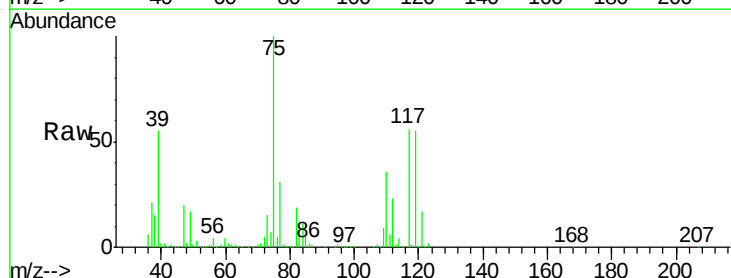
Tgt Ion: 75 Resp: 972240

Ion Ratio Lower Upper

75 100

110 36.5 17.8 53.3

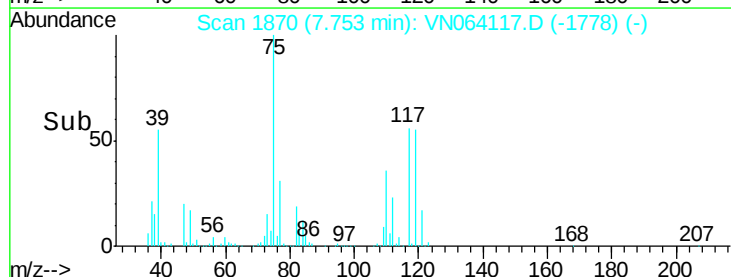
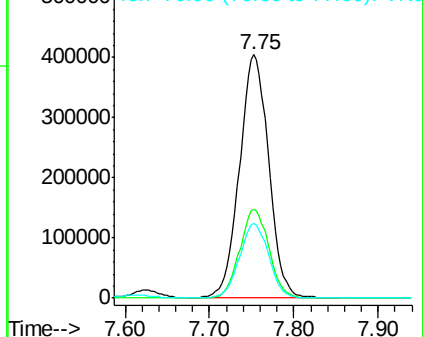
77 31.0 24.9 37.3

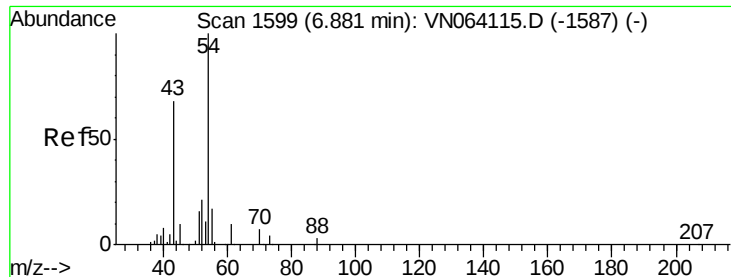


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

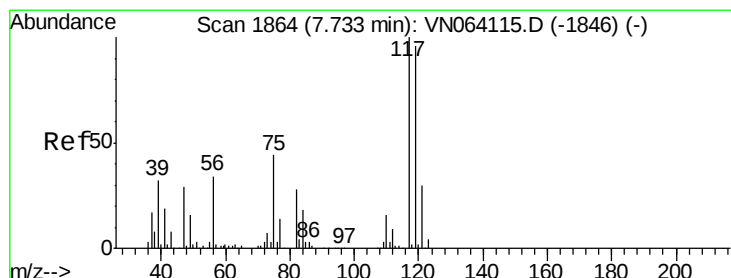
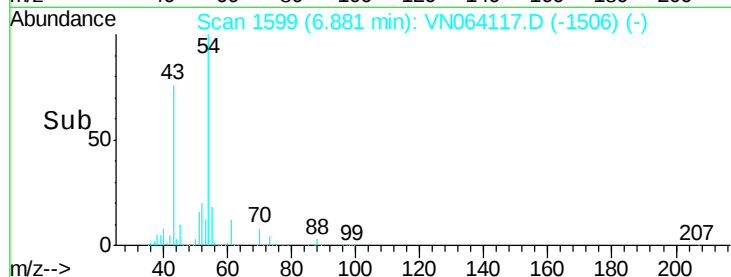
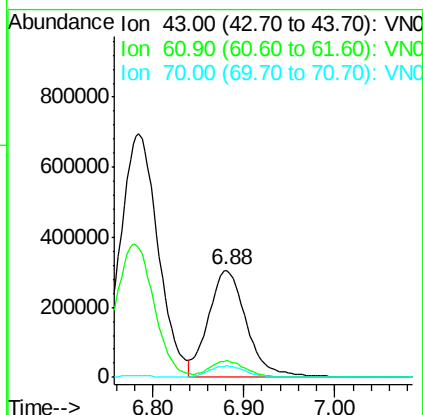
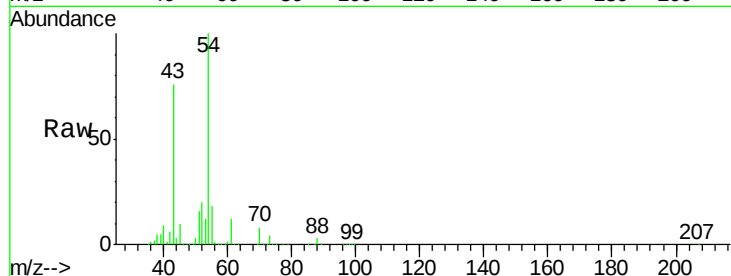




#37
Ethyl Acetate
Concen: 133.099 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VN064117.D
Acq: 14 Oct 2020 16:17

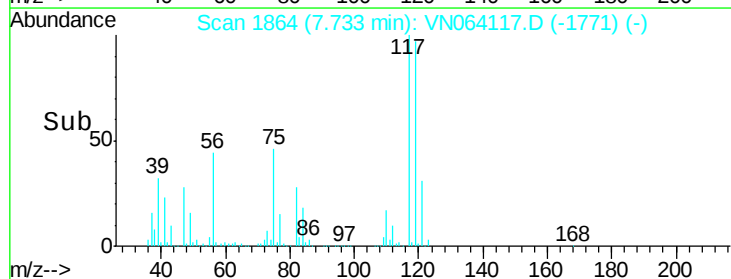
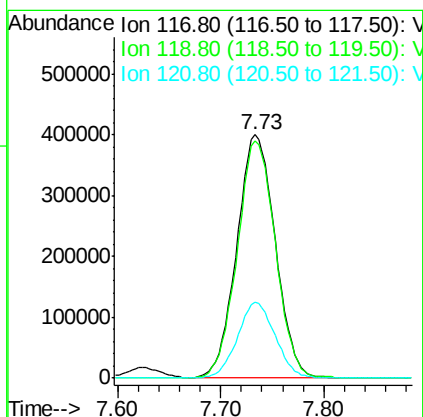
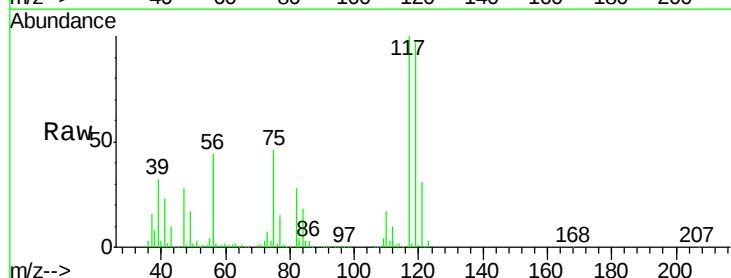
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

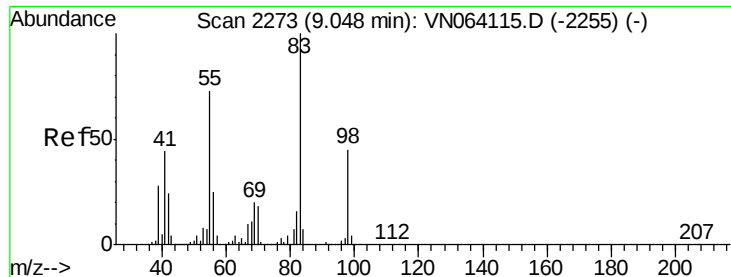
Tgt Ion: 43 Resp: 876364
Ion Ratio Lower Upper
43 100
61 14.4 11.3 16.9
70 10.4 7.7 11.5



#38
Carbon Tetrachloride
Concen: 138.003 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN064117.D
Acq: 14 Oct 2020 16:17

Tgt Ion: 117 Resp: 1033114
Ion Ratio Lower Upper
117 100
119 97.4 77.0 115.4
121 31.4 24.2 36.4

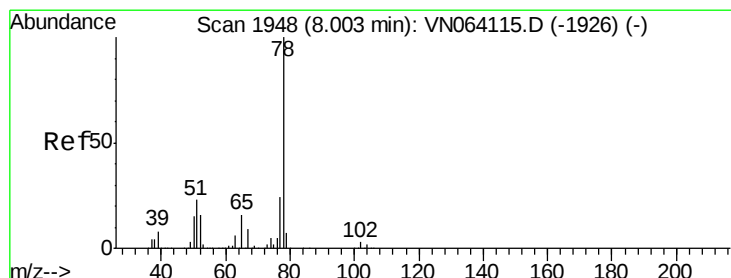
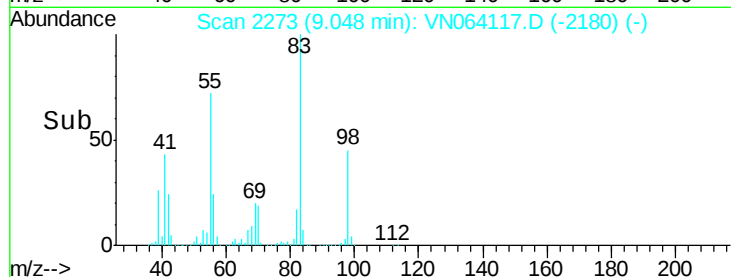
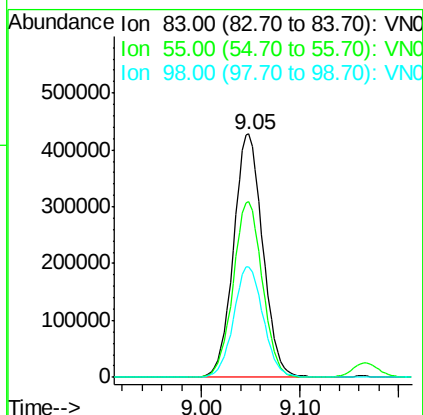
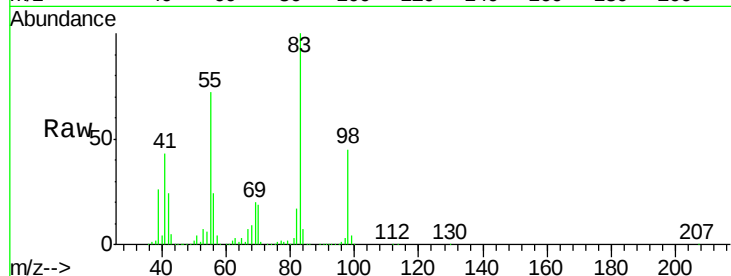




#39
Methylcyclohexane
Concen: 134.657 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN064117.D
Acq: 14 Oct 2020 16:17

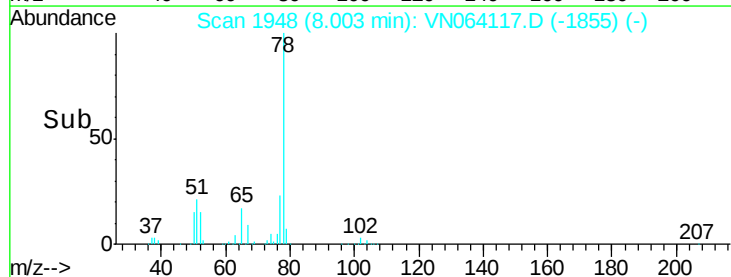
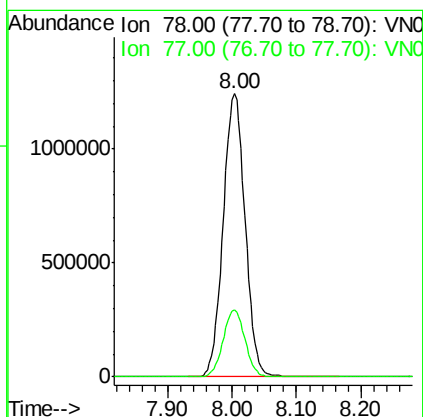
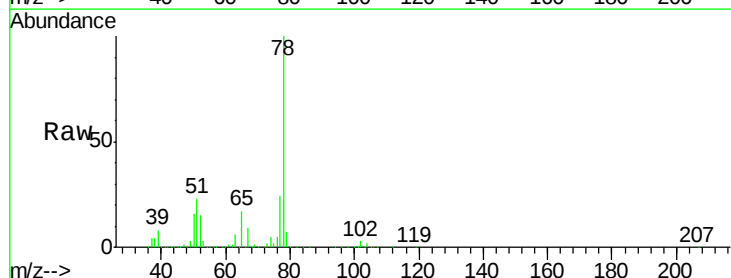
Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

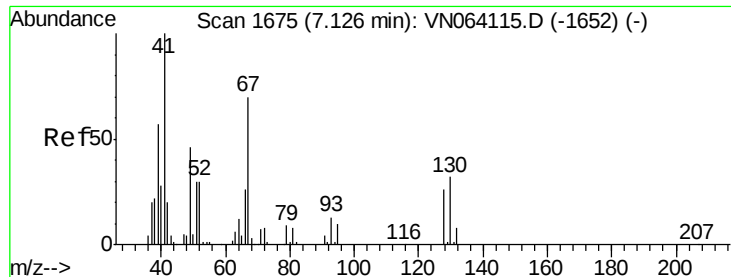
Tgt Ion: 83 Resp: 880308
Ion Ratio Lower Upper
83 100
55 72.2 58.5 87.7
98 45.5 36.2 54.2



#40
Benzene
Concen: 151.636 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN064117.D
Acq: 14 Oct 2020 16:17

Tgt Ion: 78 Resp: 2939575
Ion Ratio Lower Upper
78 100
77 23.6 19.3 28.9

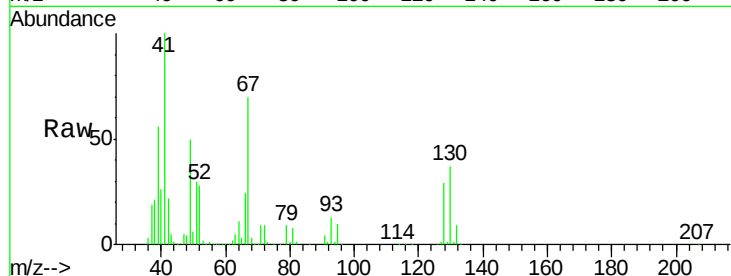




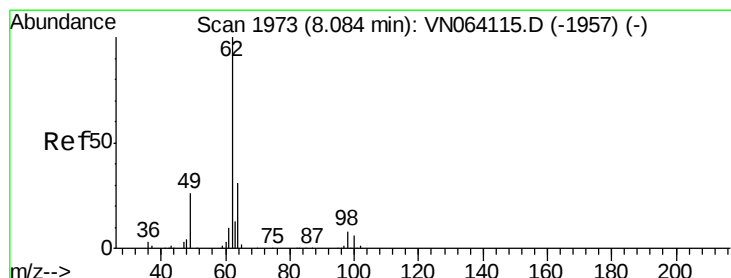
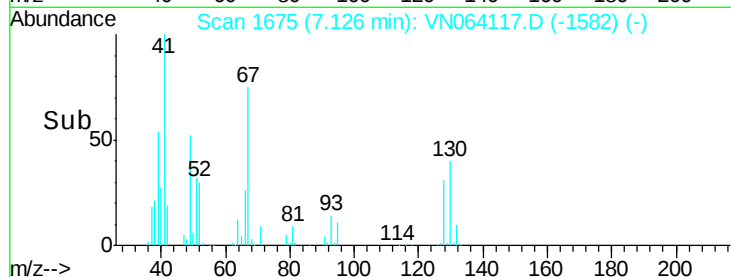
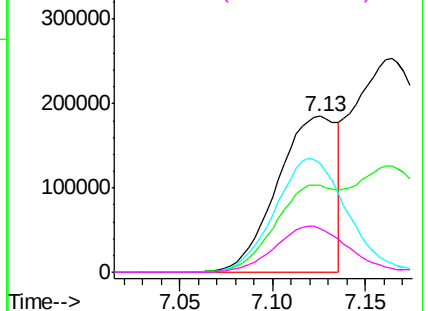
#41
Methacrylonitrile
Concen: 144.184 ug/l
RT: 7.13 min Scan# 1675
Delta R.T. 0.00 min
Lab File: VN064117.D
Acq: 14 Oct 2020 16:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 41 Resp: 411742
Ion Ratio Lower Upper
41 100
39 56.7 50.7 76.1
67 89.4 73.8 110.6
52 36.0 32.2 48.4

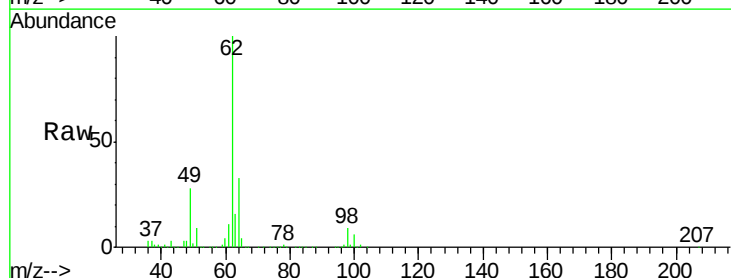


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

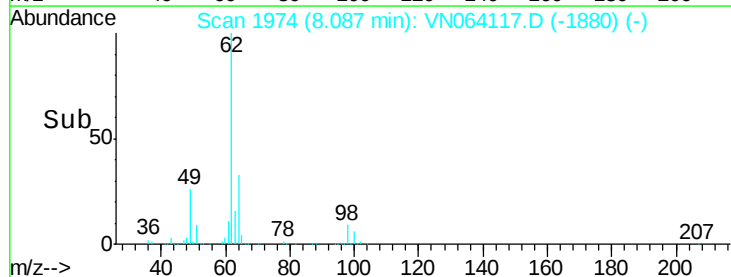
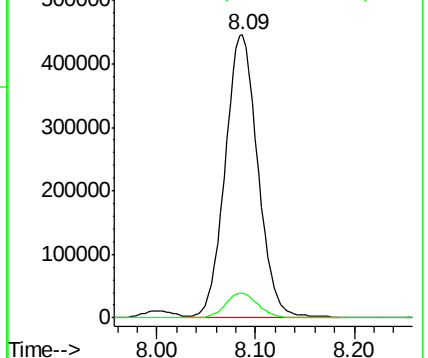


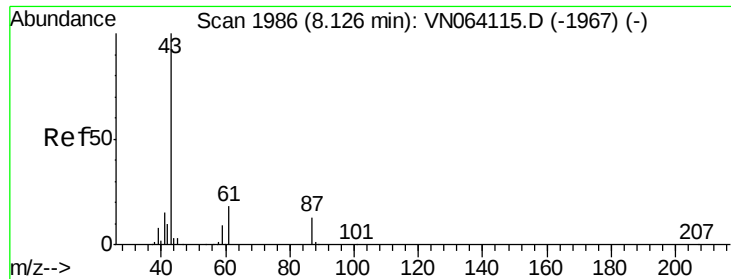
#42
1,2-Dichloroethane
Concen: 127.273 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN064117.D
Acq: 14 Oct 2020 16:17

Tgt Ion: 62 Resp: 1025322
Ion Ratio Lower Upper
62 100
98 8.8 0.0 17.6



Abundance Ion 61.90 (61.60 to 62.60): VNO
Ion 97.90 (97.60 to 98.60): VNO





#43

Isopropyl Acetate

Concen: 141.806 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN064117.D

Acq: 14 Oct 2020 16:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

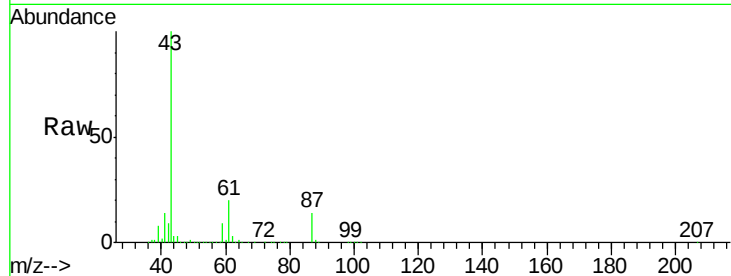
Tgt Ion: 43 Resp: 1521187

Ion Ratio Lower Upper

43 100

61 27.0 21.9 32.9

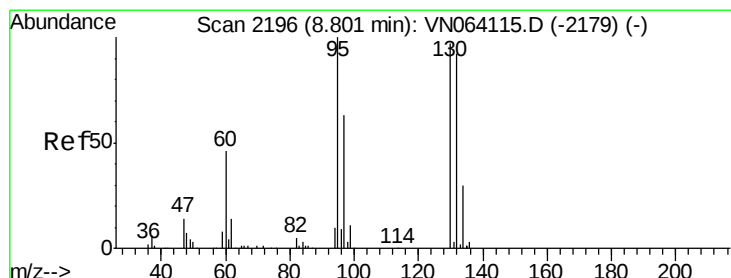
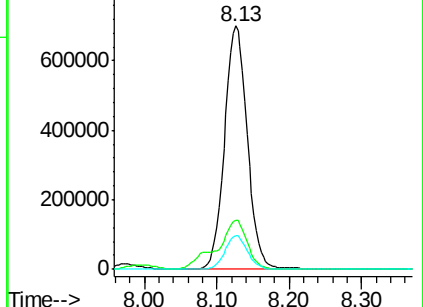
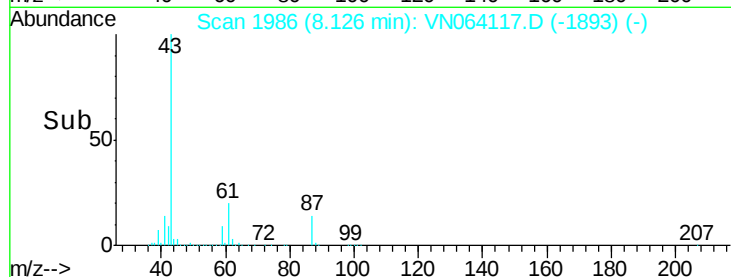
87 13.7 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VN064117.D (-1893) (-)

Ion 61.00 (60.70 to 61.70): VN064117.D (-1893) (-)

Ion 87.00 (86.70 to 87.70): VN064117.D (-1893) (-)



#44

Trichloroethene

Concen: 152.804 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN064117.D

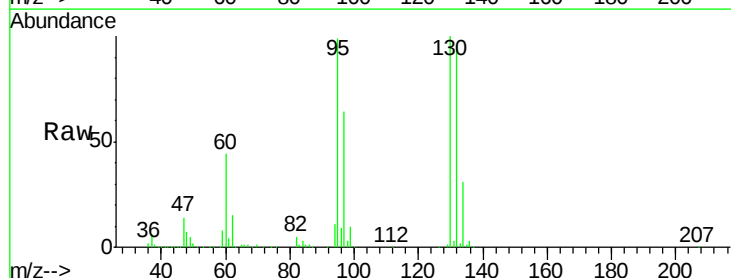
Acq: 14 Oct 2020 16:17

Tgt Ion: 130 Resp: 778668

Ion Ratio Lower Upper

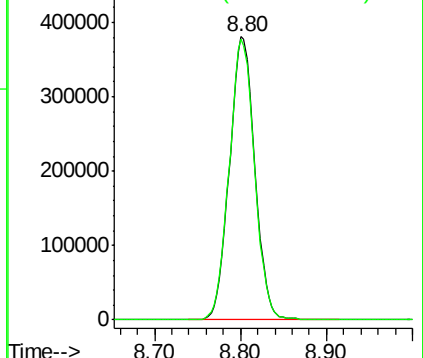
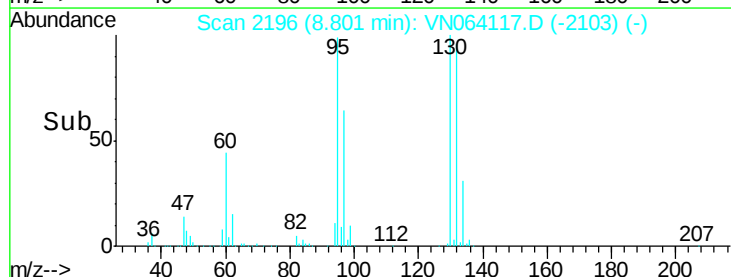
130 100

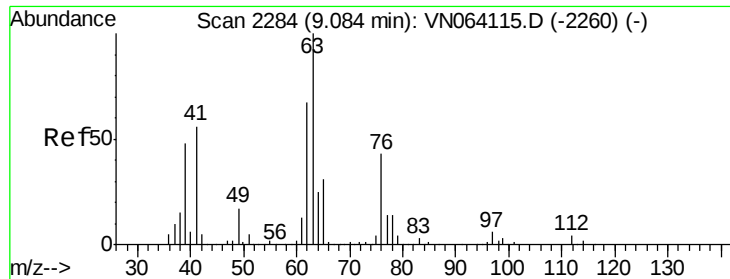
95 99.0 0.0 206.2



Abundance Ion 129.80 (129.50 to 130.50): VN064117.D (-2103) (-)

Ion 94.90 (94.60 to 95.60): VN064117.D (-2103) (-)

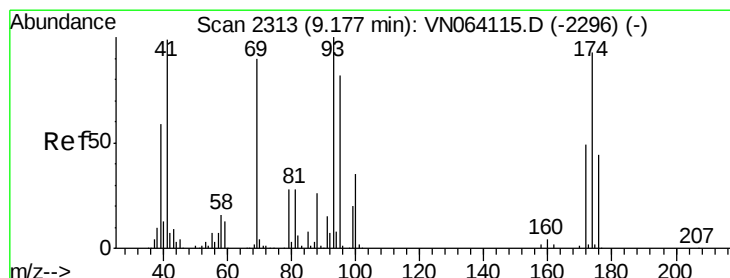
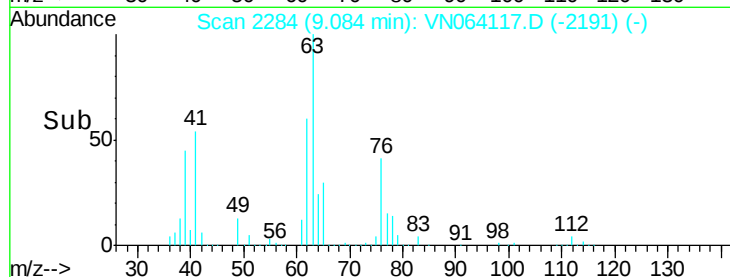
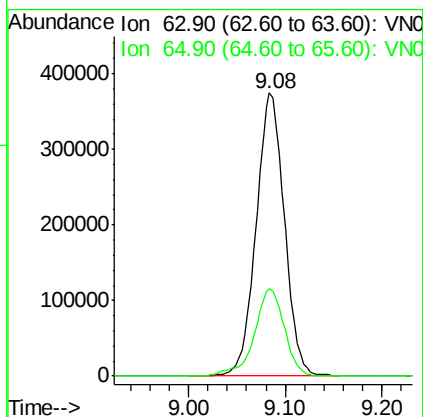
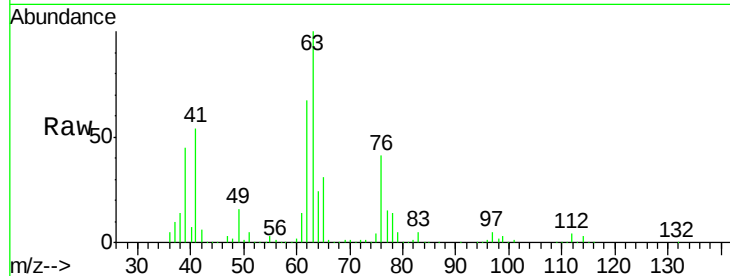




#45
 1,2-Dichloropropane
 Concen: 146.752 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN064117.D
 Acq: 14 Oct 2020 16:17

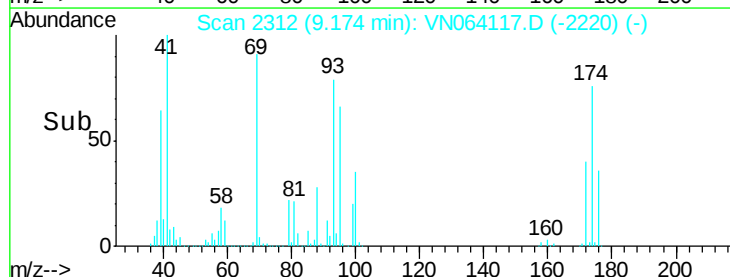
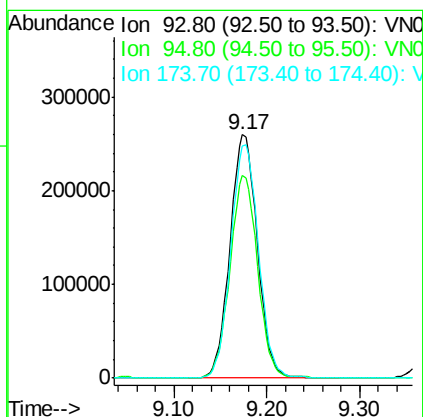
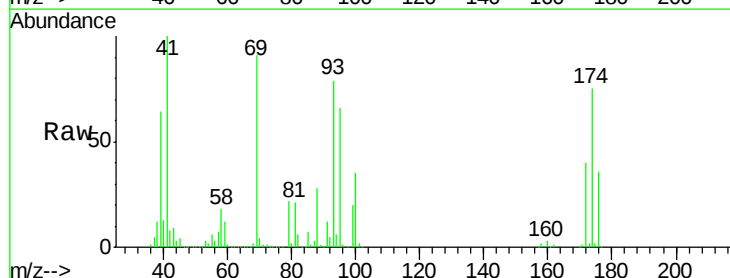
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

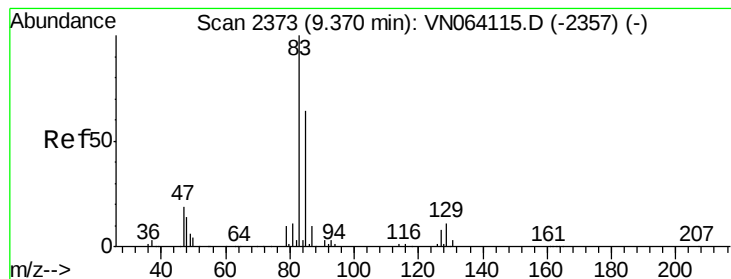
Tgt Ion: 63 Resp: 761021
 Ion Ratio Lower Upper
 63 100
 65 30.9 25.0 37.6



#46
 Dibromomethane
 Concen: 147.960 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN064117.D
 Acq: 14 Oct 2020 16:17

Tgt Ion: 93 Resp: 532191
 Ion Ratio Lower Upper
 93 100
 95 83.5 66.8 100.2
 174 97.1 75.2 112.8





#47

Bromodichloromethane

Concen: 147.624 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN064117.D

Acq: 14 Oct 2020 16:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

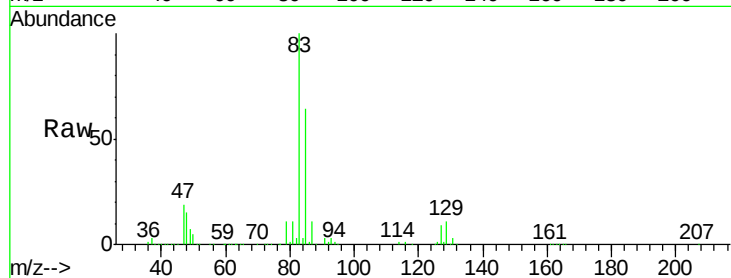
Tgt Ion: 83 Resp: 1086630

Ion Ratio Lower Upper

83 100

85 64.4 50.8 76.2

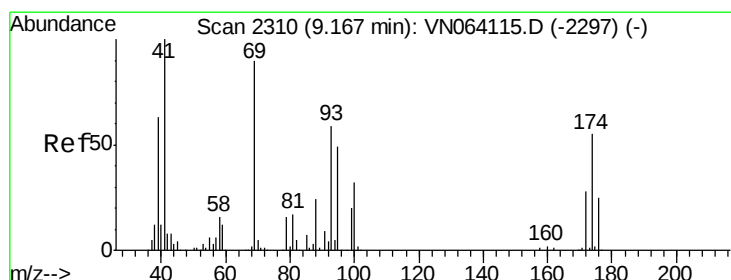
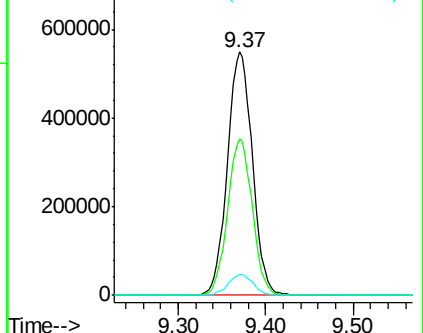
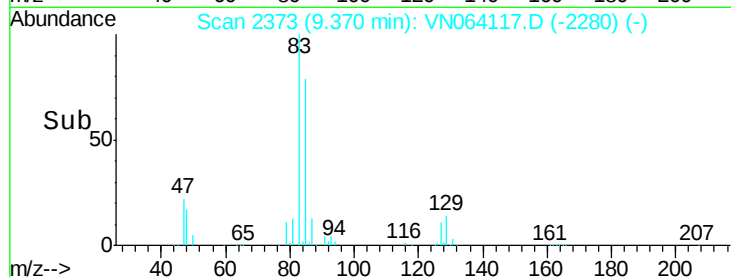
127 8.6 6.6 9.8



Abundance Ion 82.90 (82.60 to 83.60): VN064117.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN064117.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN064117.D (-2280) (-)



#48

Methyl methacrylate

Concen: 138.221 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN064117.D

Acq: 14 Oct 2020 16:17

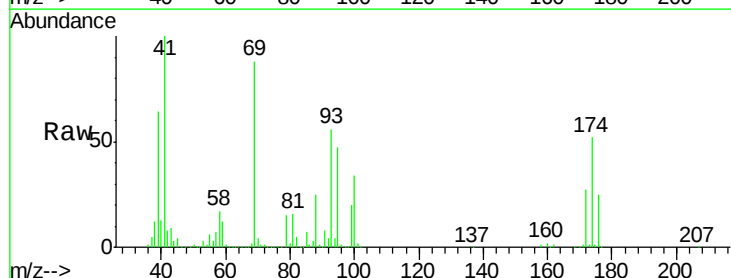
Tgt Ion: 41 Resp: 733625

Ion Ratio Lower Upper

41 100

69 89.6 71.4 107.2

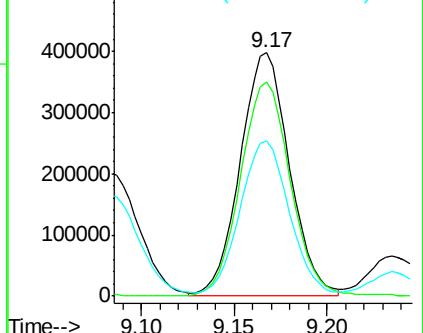
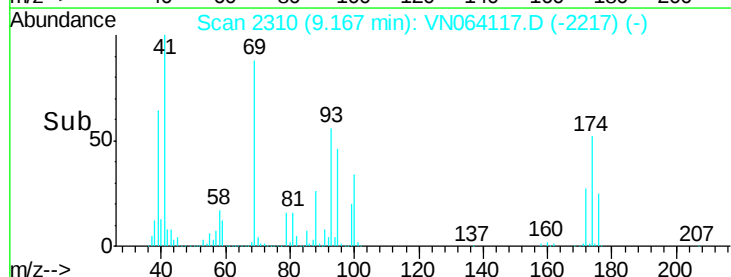
39 63.9 52.5 78.7

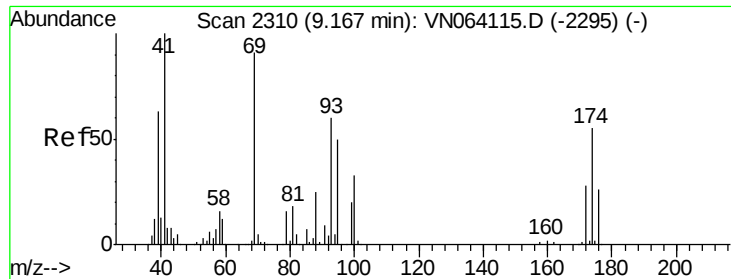


Abundance Ion 41.00 (40.70 to 41.70): VN064117.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN064117.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN064117.D (-2217) (-)

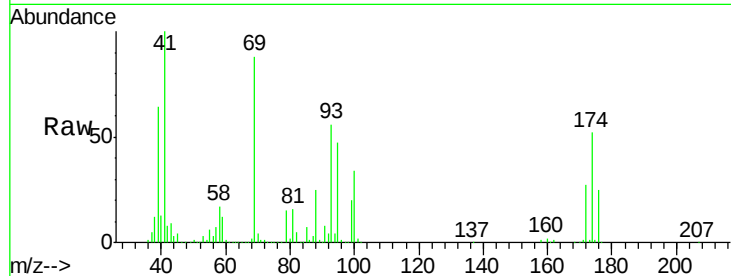




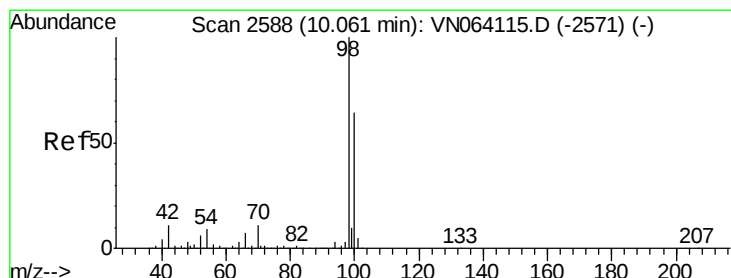
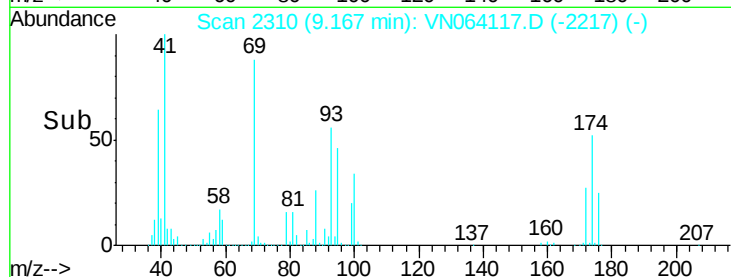
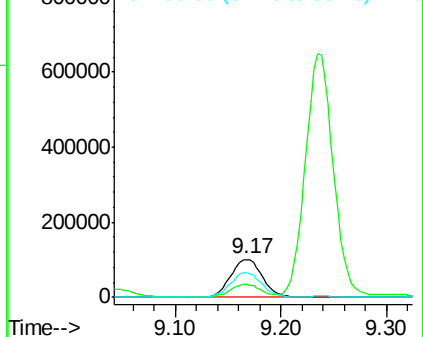
#49
 1,4-Dioxane
 Concen: 2804.337 ug/l
 RT: 9.17 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN064117.D
 Acq: 14 Oct 2020 16:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tgt Ion: 88 Resp: 211695
 Ion Ratio Lower Upper
 88 100
 43 32.4 27.2 40.8
 58 64.0 52.6 78.8

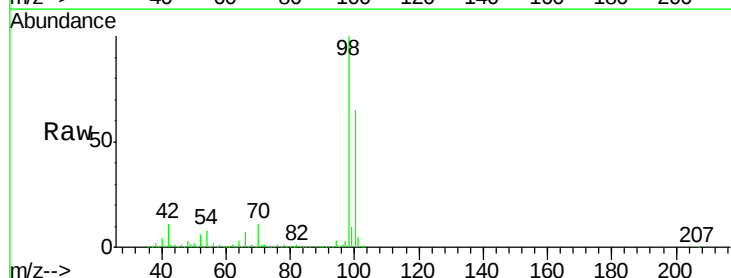


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

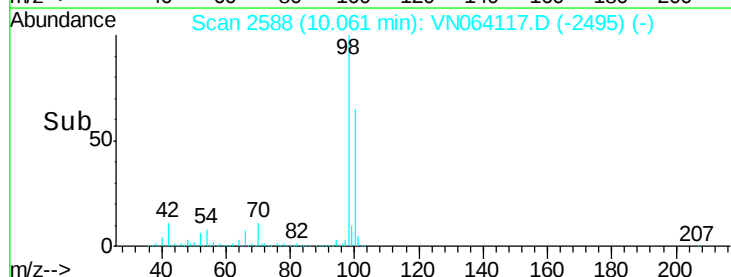
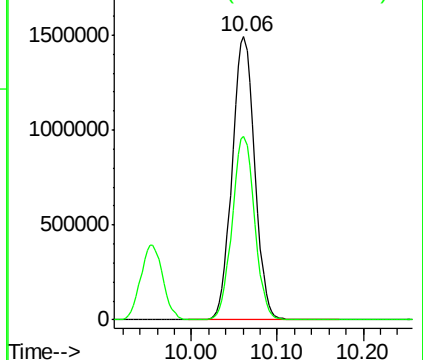


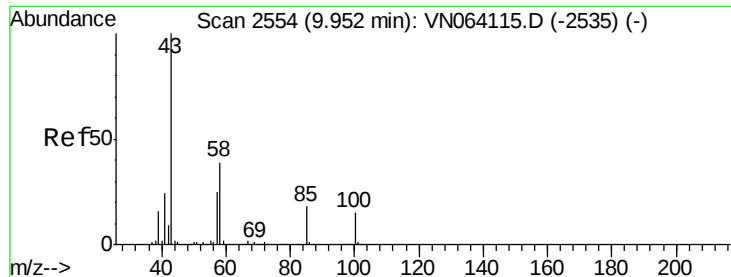
#50
 Toluene-d8
 Concen: 155.681 ug/l
 RT: 10.06 min Scan# 2588
 Delta R.T. 0.00 min
 Lab File: VN064117.D
 Acq: 14 Oct 2020 16:17

Tgt Ion: 98 Resp: 2715484
 Ion Ratio Lower Upper
 98 100
 100 64.4 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VN0
 Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 691.309 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN064117.D

Acq: 14 Oct 2020 16:17

Instrument :

MSVOA_N

ClientSampleId :

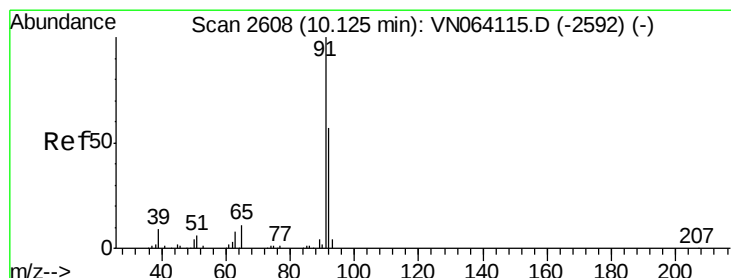
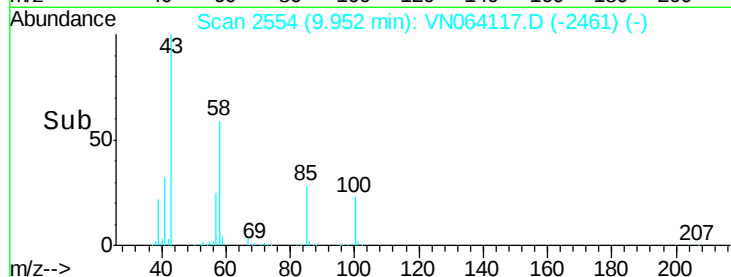
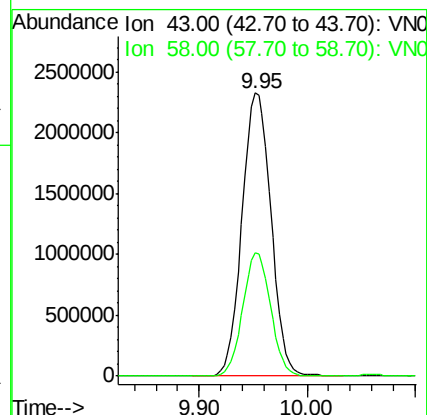
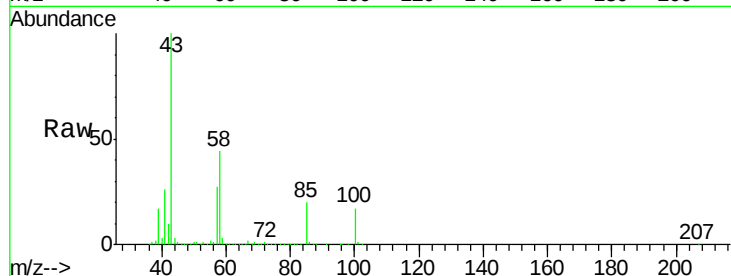
VSTDIC150

Tgt Ion: 43 Resp: 4367607

Ion Ratio Lower Upper

43 100

58 41.9 31.2 46.8



#52

Toluene

Concen: 159.634 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN064117.D

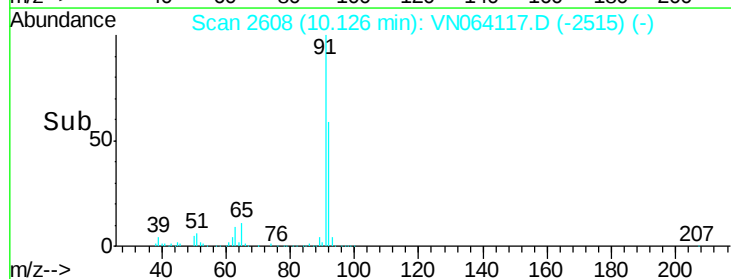
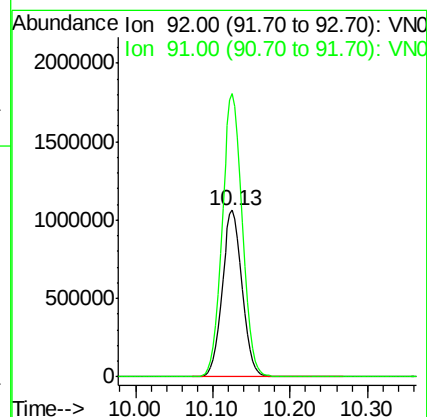
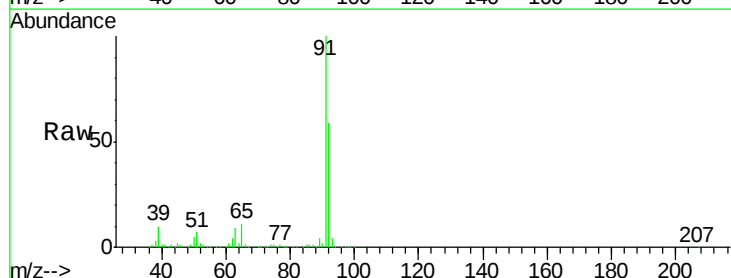
Acq: 14 Oct 2020 16:17

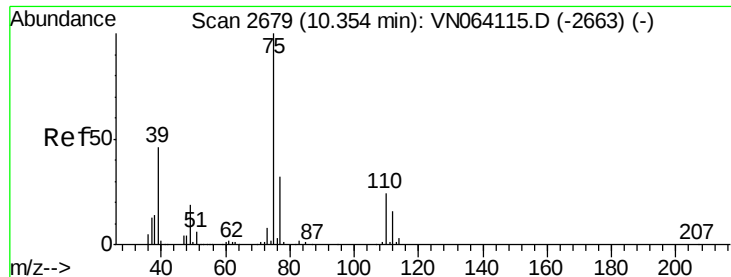
Tgt Ion: 92 Resp: 1914270

Ion Ratio Lower Upper

92 100

91 172.1 141.2 211.8





#53

t-1,3-Dichloropropene

Concen: 153.979 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN064117.D

Acq: 14 Oct 2020 16:17

Instrument :

MSVOA_N

ClientSampleId :

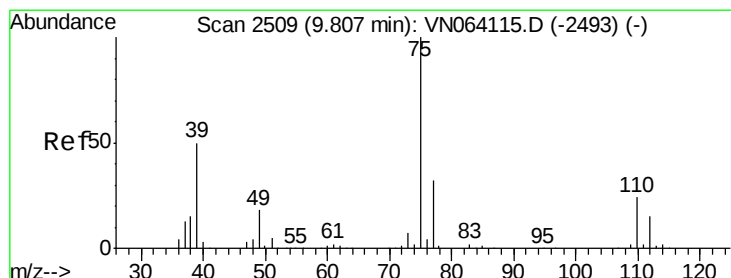
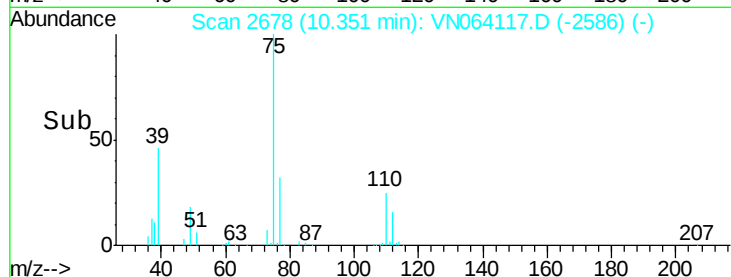
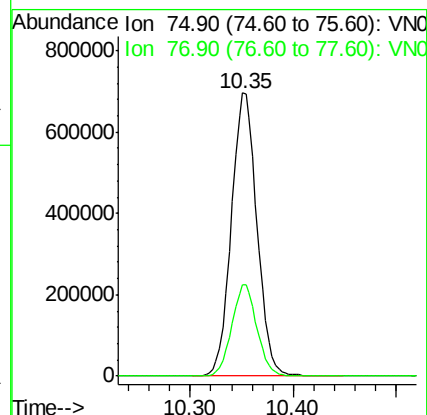
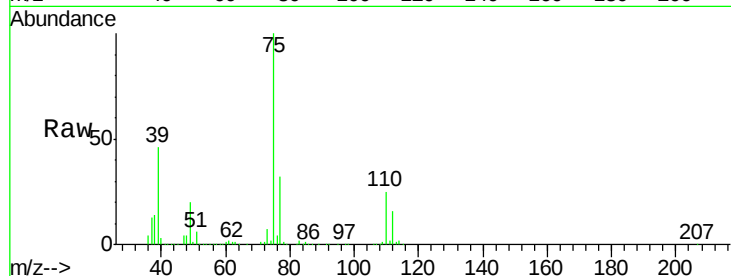
VSTDIC150

Tgt Ion: 75 Resp: 1207356

Ion Ratio Lower Upper

75 100

77 32.3 25.6 38.4



#54

cis-1,3-Dichloropropene

Concen: 155.616 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN064117.D

Acq: 14 Oct 2020 16:17

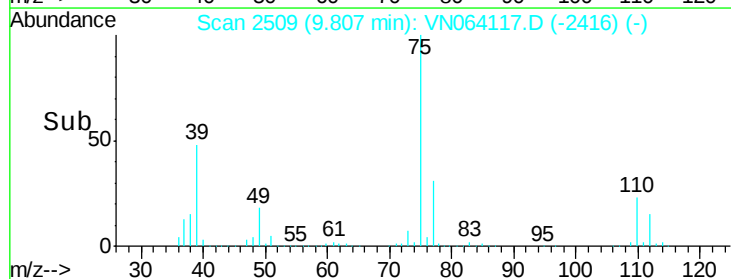
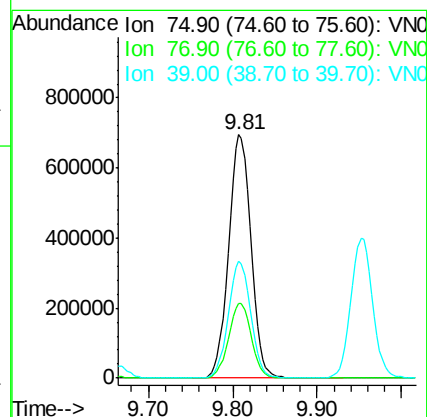
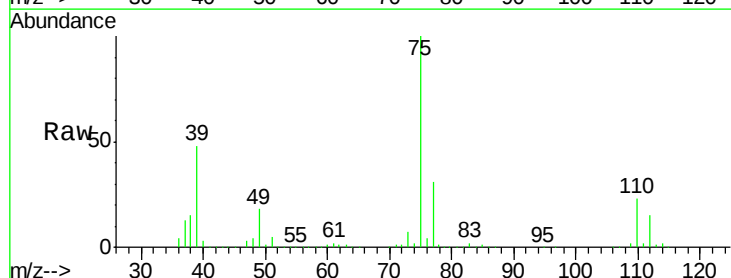
Tgt Ion: 75 Resp: 1280075

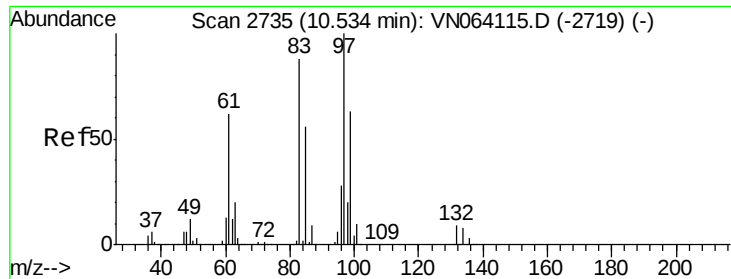
Ion Ratio Lower Upper

75 100

77 30.9 25.2 37.8

39 47.7 39.8 59.8





#55

1,1,2-Trichloroethane

Concen: 156.235 ug/l

RT: 10.53 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN064117.D

Acq: 14 Oct 2020 16:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tgt Ion: 97 Resp: 749507

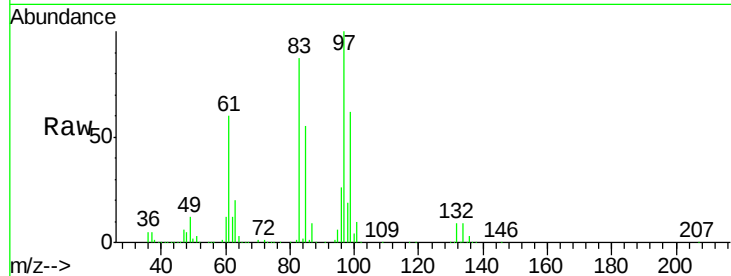
Ion Ratio Lower Upper

97 100

83 87.0 70.2 105.4

85 55.3 45.0 67.6

99 62.1 50.7 76.1

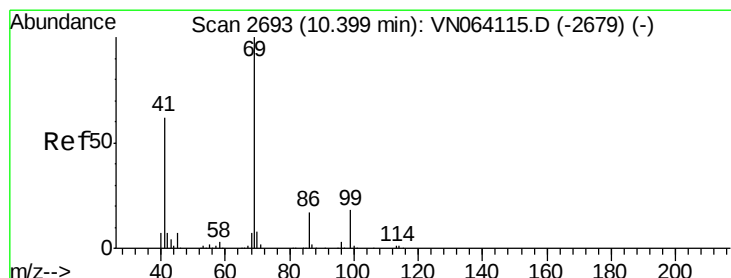
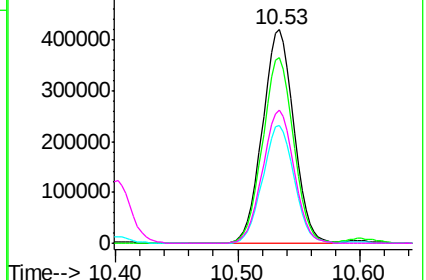
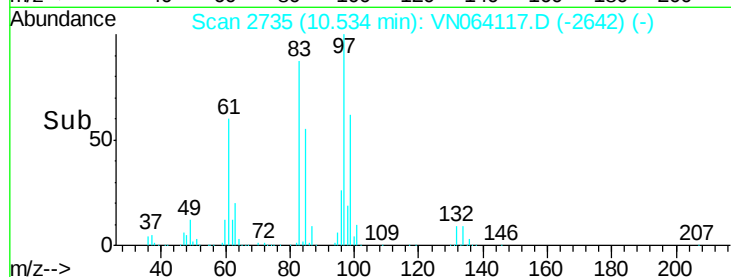


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 167.909 ug/l

RT: 10.40 min Scan# 2694

Delta R.T. 0.00 min

Lab File: VN064117.D

Acq: 14 Oct 2020 16:17

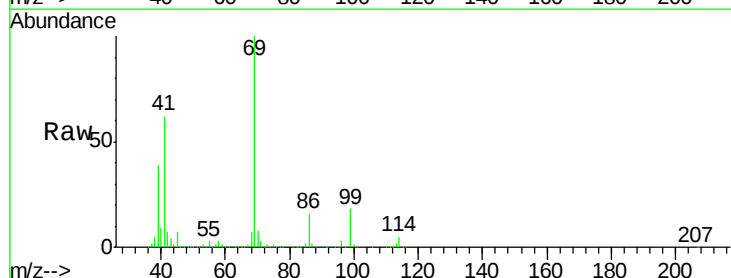
Tgt Ion: 69 Resp: 1128273

Ion Ratio Lower Upper

69 100

41 61.3 49.3 73.9

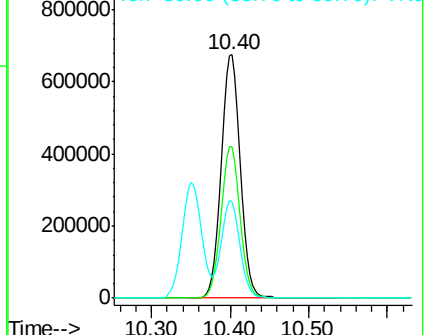
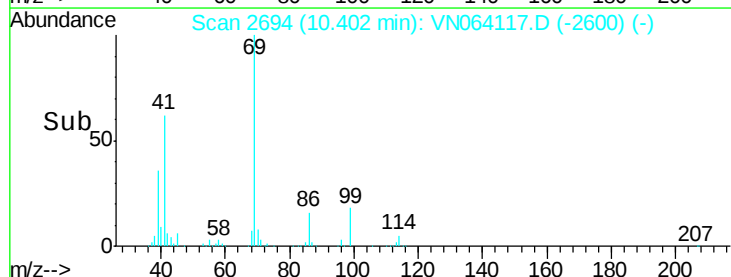
39 39.4 32.7 49.1

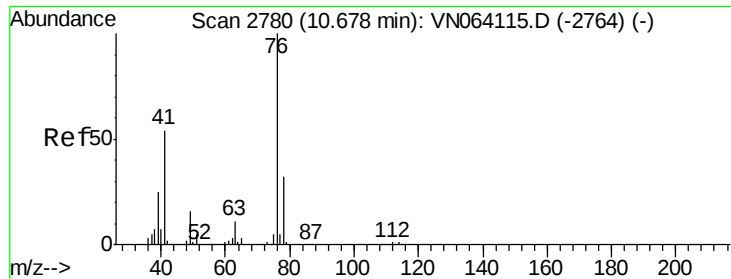


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 155.029 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN064117.D

Acq: 14 Oct 2020 16:17

Instrument :

MSVOA_N

ClientSampleId :

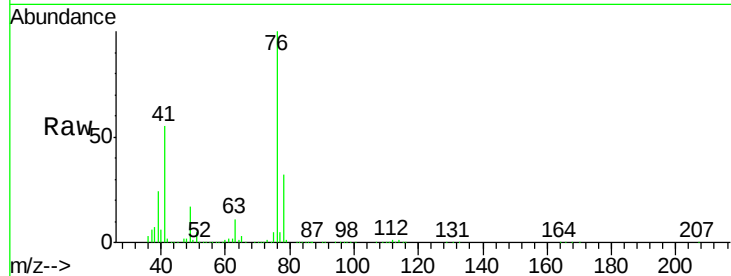
VSTDICC150

Tgt Ion: 76 Resp: 1252560

Ion Ratio Lower Upper

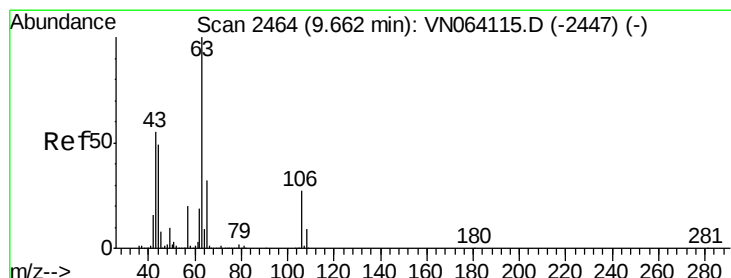
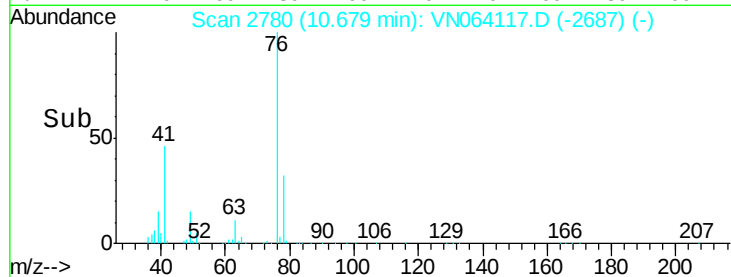
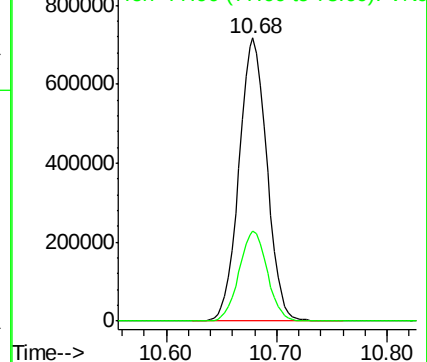
76 100

78 32.4 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 788.422 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN064117.D

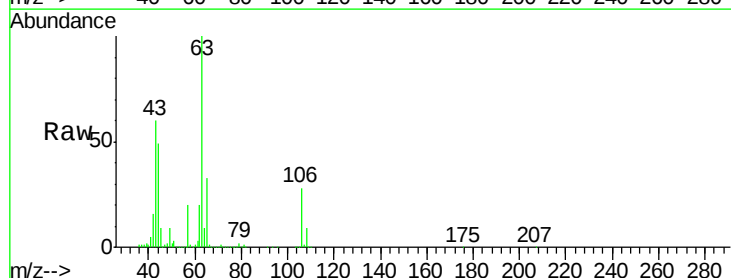
Acq: 14 Oct 2020 16:17

Tgt Ion: 63 Resp: 2818250

Ion Ratio Lower Upper

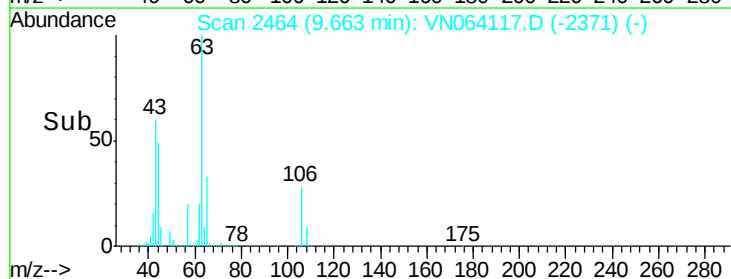
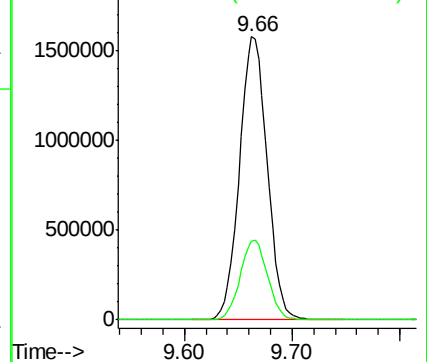
63 100

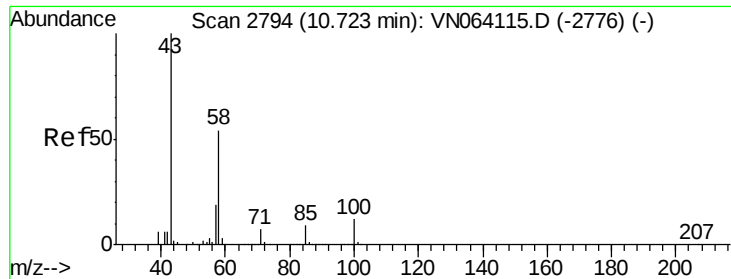
106 28.0 21.8 32.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

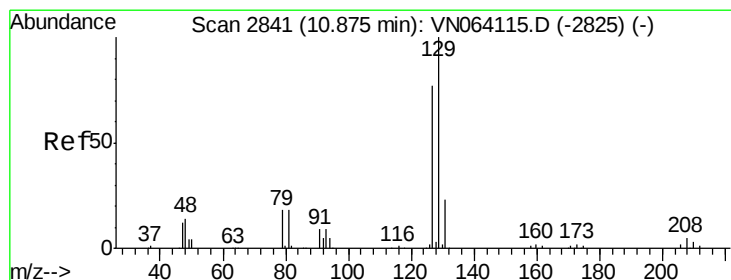
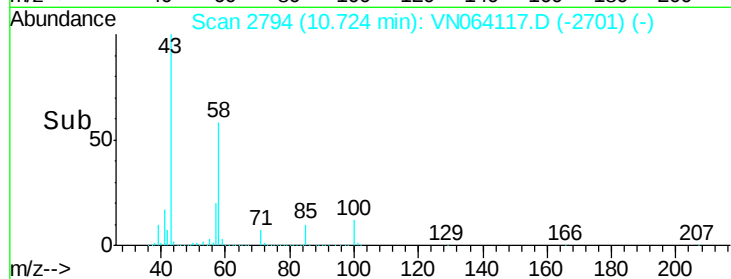
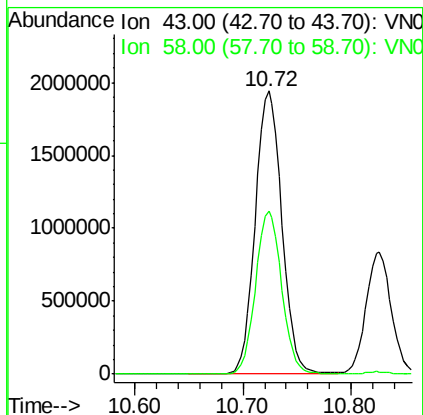
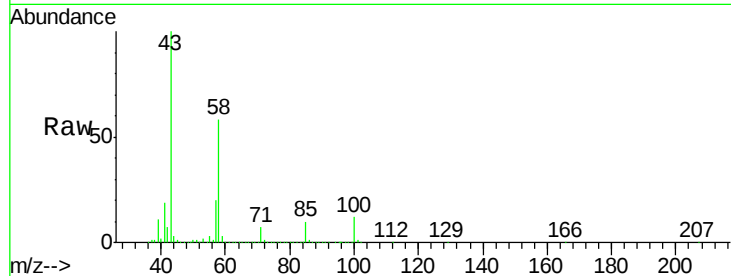




#59
2-Hexanone
Concen: 710.363 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064117.D
Acq: 14 Oct 2020 16:17

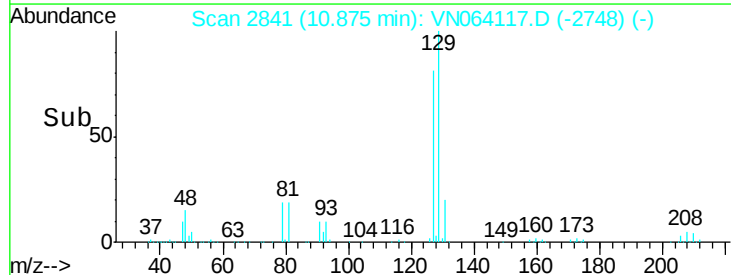
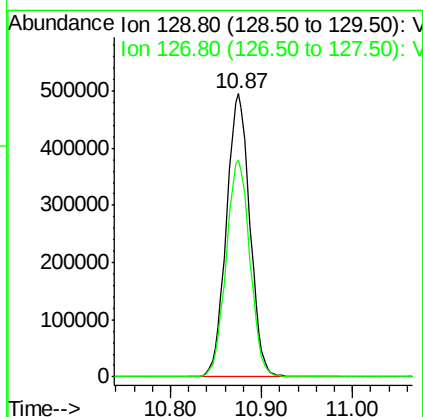
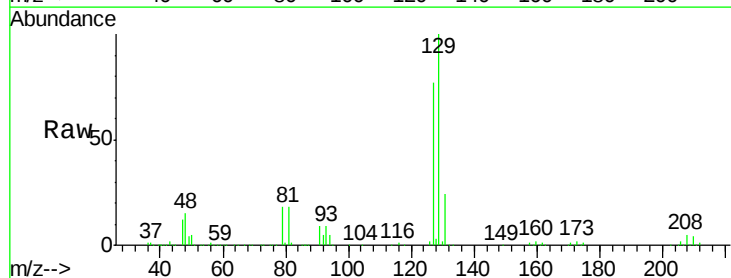
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

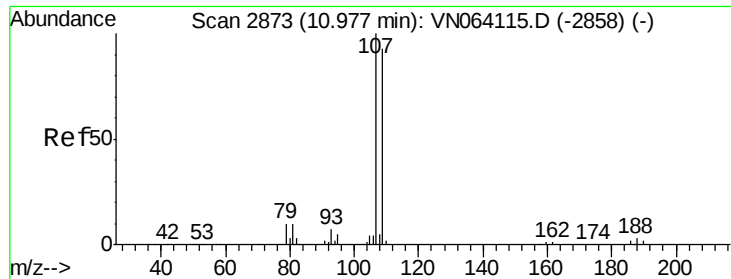
Tgt Ion: 43 Resp: 3323906
Ion Ratio Lower Upper
43 100
58 56.5 27.2 81.6



#60
Dibromochloromethane
Concen: 158.251 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN064117.D
Acq: 14 Oct 2020 16:17

Tgt Ion: 129 Resp: 886300
Ion Ratio Lower Upper
129 100
127 77.6 38.2 114.6

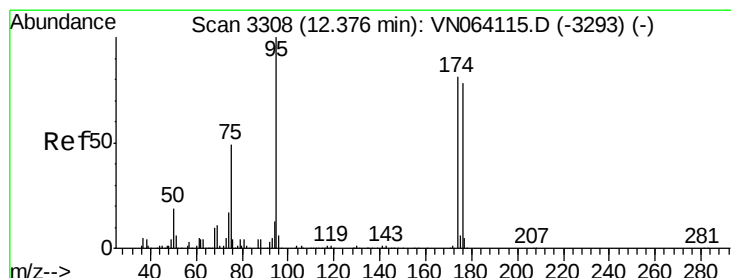
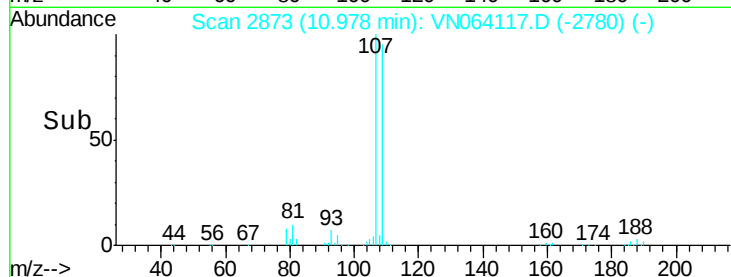
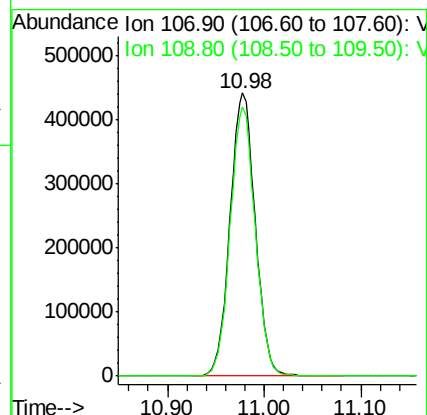
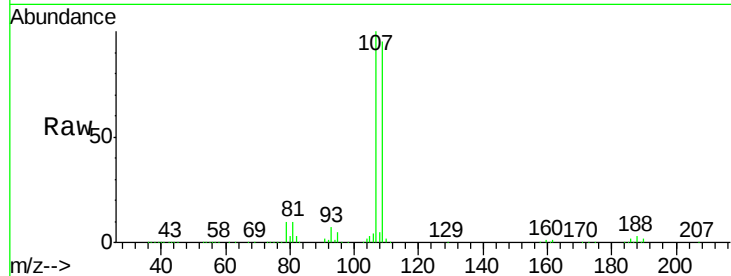




#61
 1,2-Dibromoethane
 Concen: 162.071 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN064117.D
 Acq: 14 Oct 2020 16:17

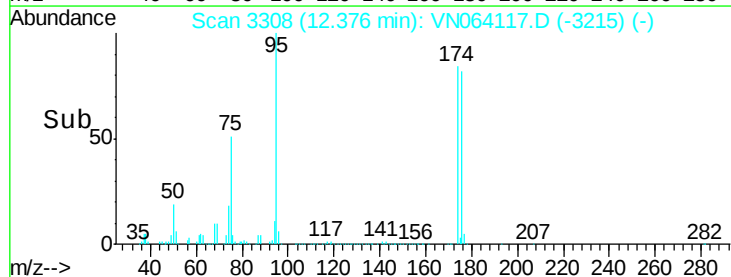
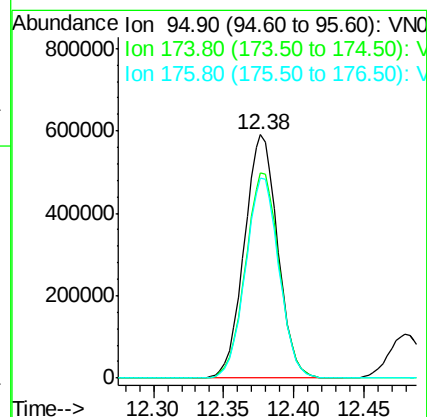
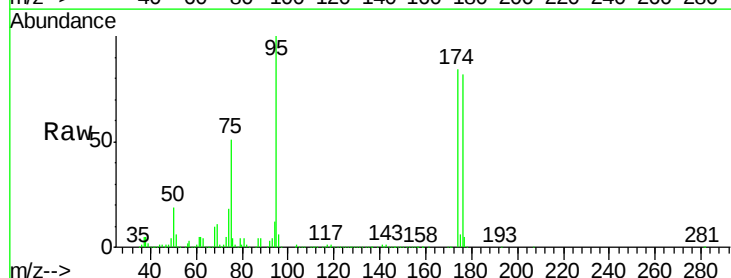
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

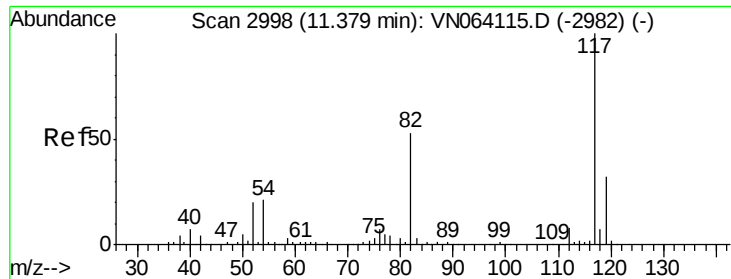
Tgt Ion: 107 Resp: 798352
 Ion Ratio Lower Upper
 107 100
 109 94.9 75.2 112.8



#62
 4-Bromofluorobenzene
 Concen: 152.526 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN064117.D
 Acq: 14 Oct 2020 16:17

Tgt Ion: 95 Resp: 981387
 Ion Ratio Lower Upper
 95 100
 174 85.1 0.0 164.8
 176 82.5 0.0 157.8

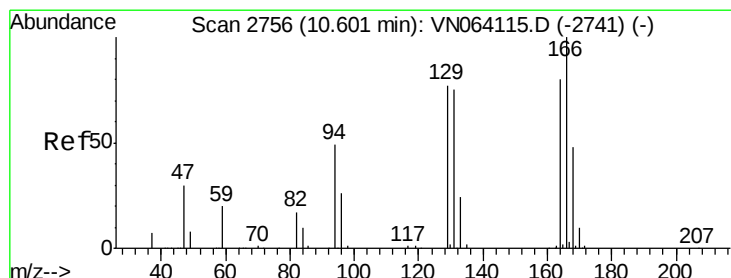
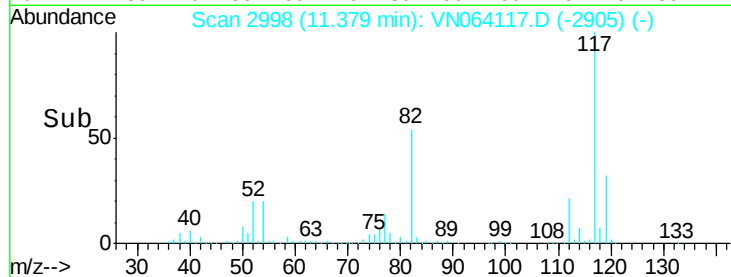
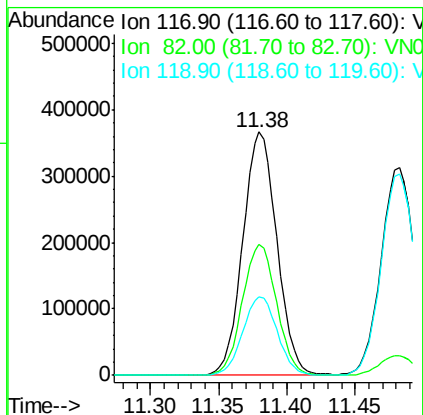
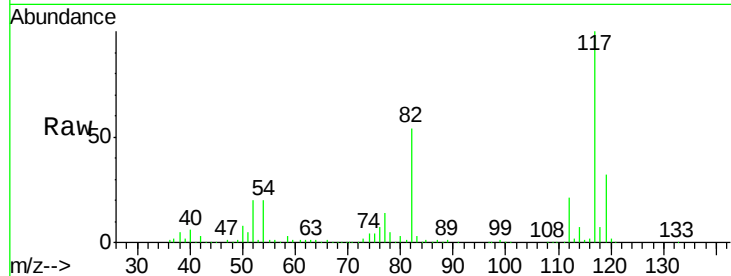




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064117.D
Acq: 14 Oct 2020 16:17

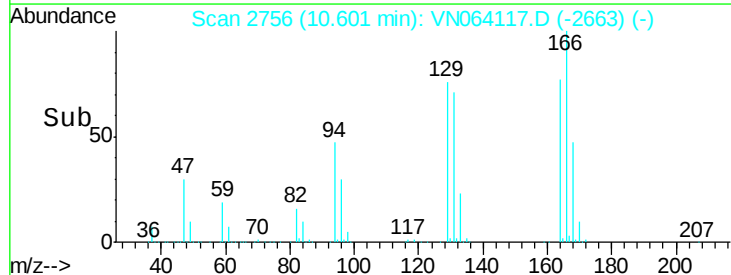
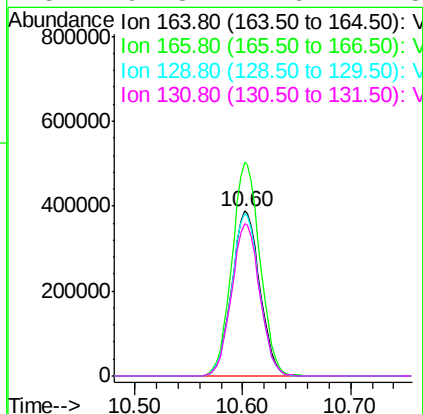
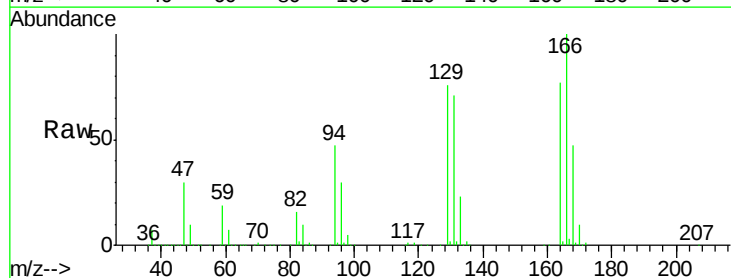
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

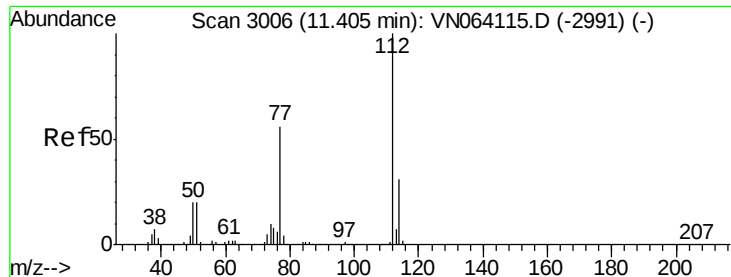
Tgt Ion:117 Resp: 635887
Ion Ratio Lower Upper
117 100
82 53.7 42.6 63.8
119 32.3 25.5 38.3



#64
Tetrachloroethene
Concen: 141.136 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064117.D
Acq: 14 Oct 2020 16:17

Tgt Ion:164 Resp: 702672
Ion Ratio Lower Upper
164 100
166 129.6 99.7 149.5
129 98.7 77.0 115.4
131 92.3 74.6 111.8

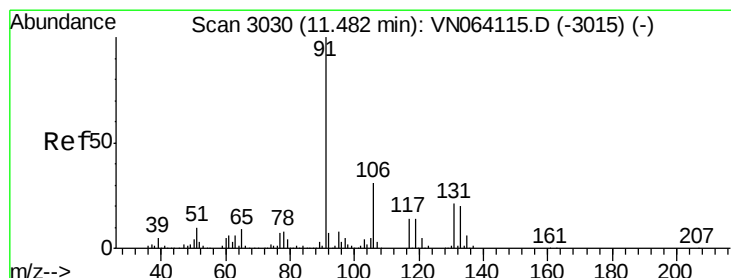
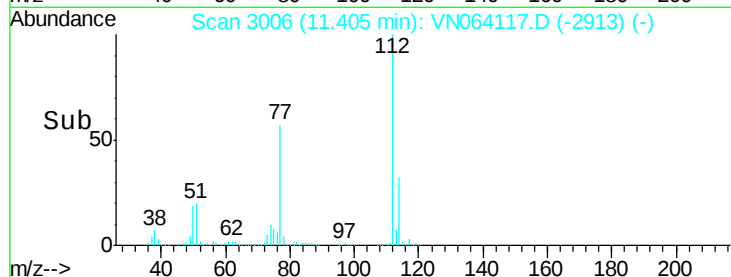
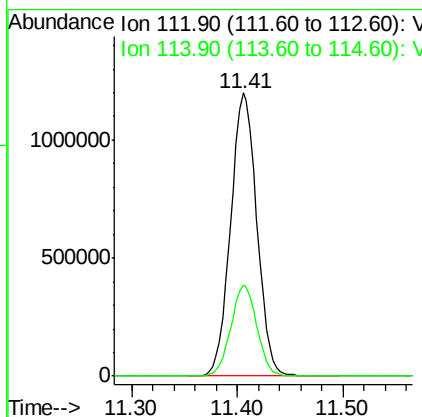
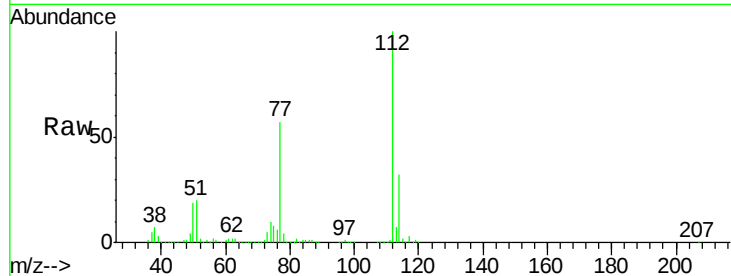




#65
Chlorobenzene
Concen: 155.834 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN064117.D
Acq: 14 Oct 2020 16:17

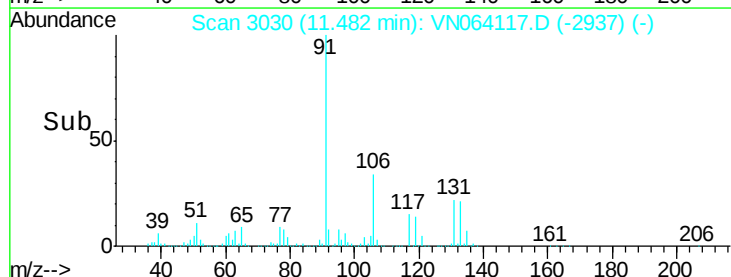
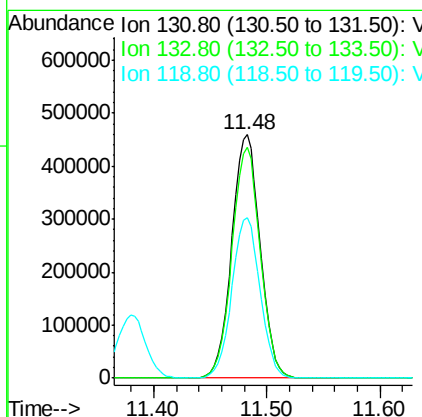
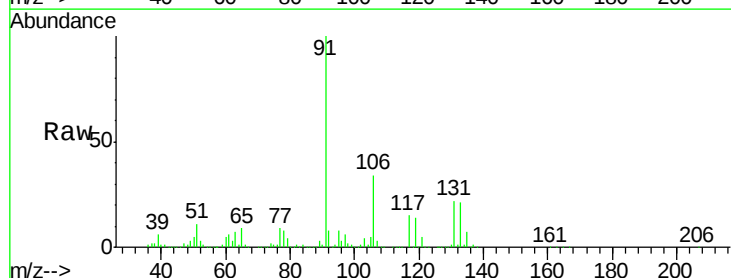
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

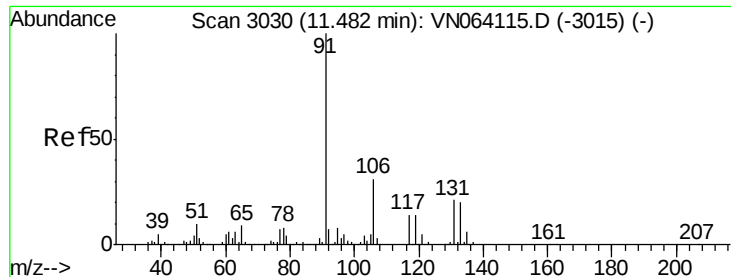
Tgt Ion:112 Resp: 2056476
Ion Ratio Lower Upper
112 100
114 32.1 24.6 37.0



#66
1,1,1,2-Tetrachloroethane
Concen: 158.677 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064117.D
Acq: 14 Oct 2020 16:17

Tgt Ion:131 Resp: 799528
Ion Ratio Lower Upper
131 100
133 94.7 47.3 141.9
119 65.7 32.8 98.4

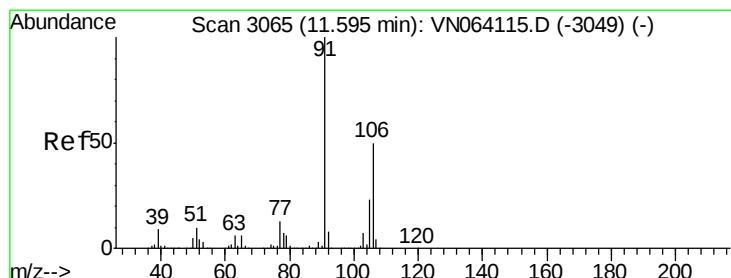
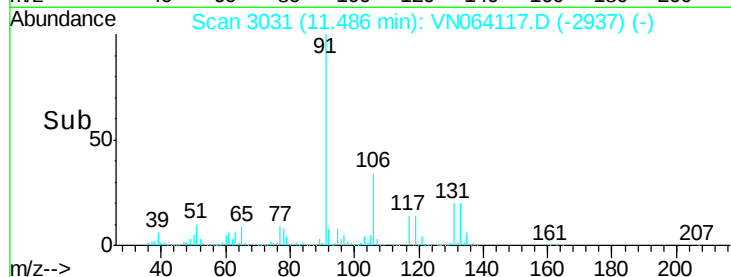
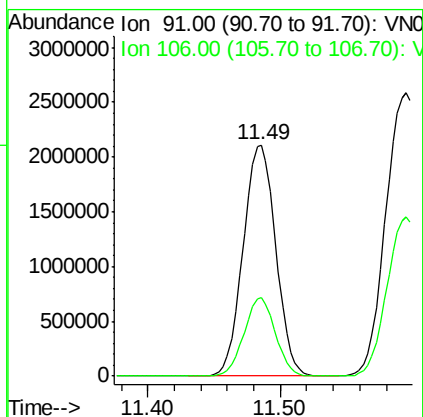
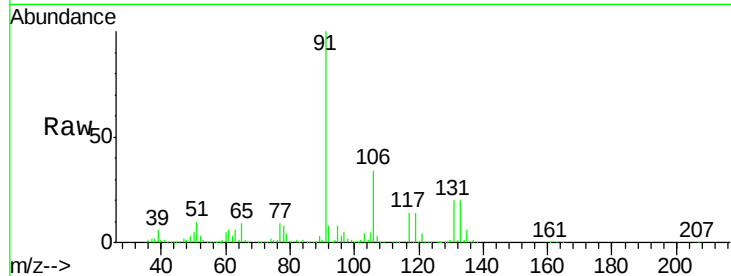




#67
Ethyl Benzene
Concen: 152.624 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN064117.D
Acq: 14 Oct 2020 16:17

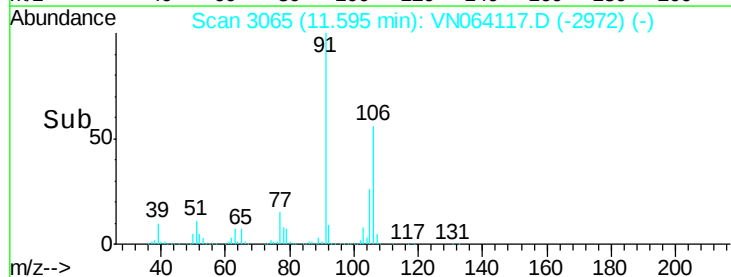
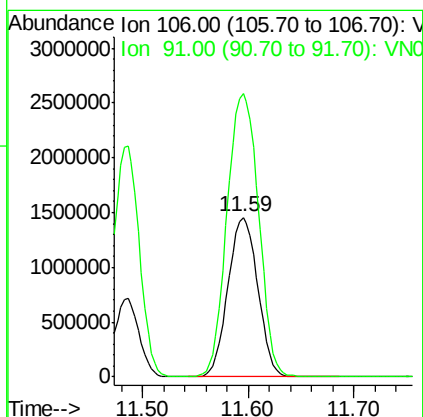
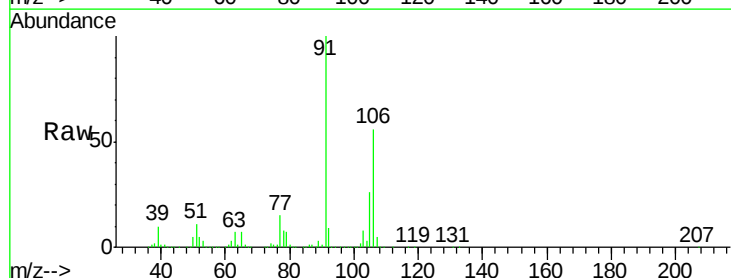
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

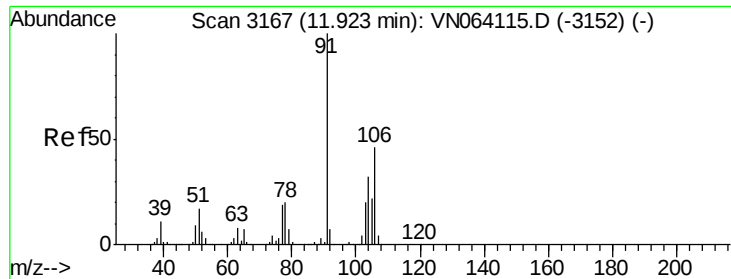
Tgt Ion: 91 Resp: 3617266
Ion Ratio Lower Upper
91 100
106 33.8 24.7 37.1



#68
m/p-Xylenes
Concen: 320.276 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN064117.D
Acq: 14 Oct 2020 16:17

Tgt Ion: 106 Resp: 2846549
Ion Ratio Lower Upper
106 100
91 188.1 162.1 243.1

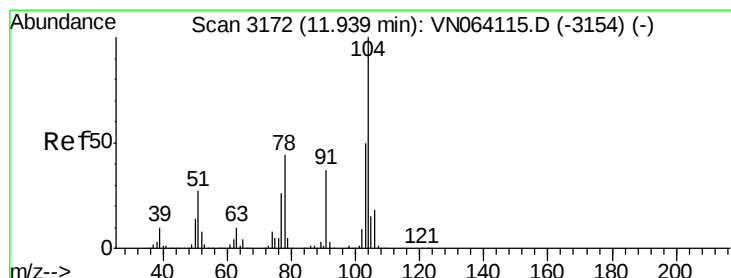
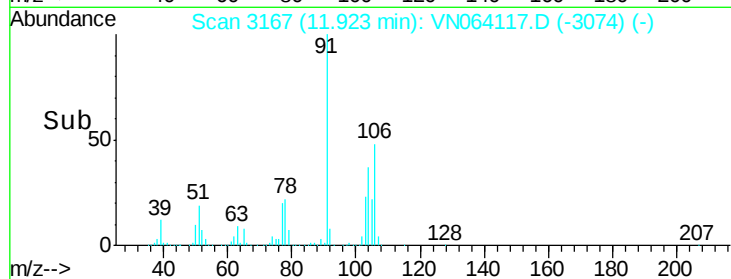
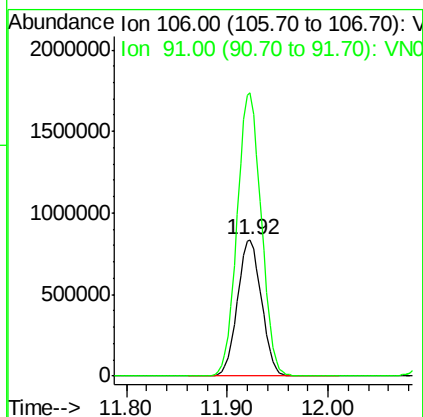
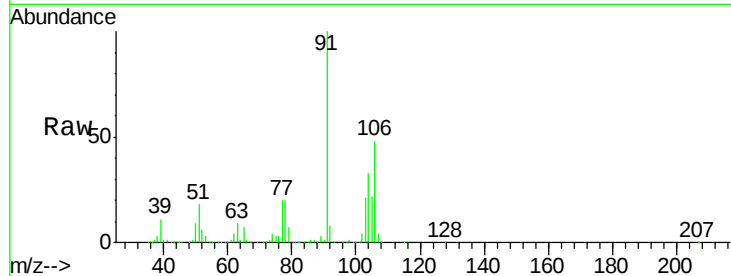




#69
o-Xylene
Concen: 165.735 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN064117.D
Acq: 14 Oct 2020 16:17

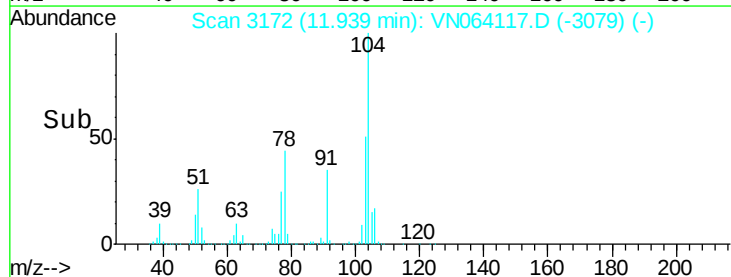
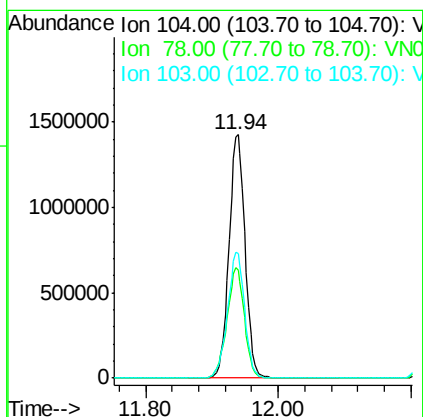
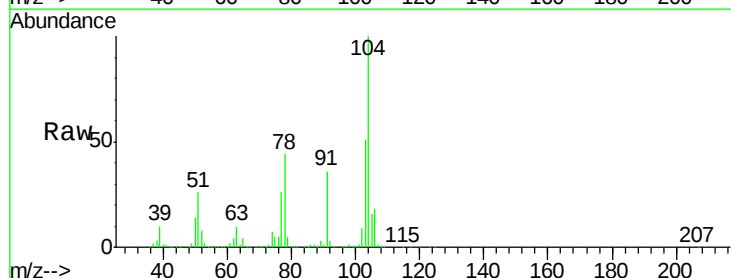
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

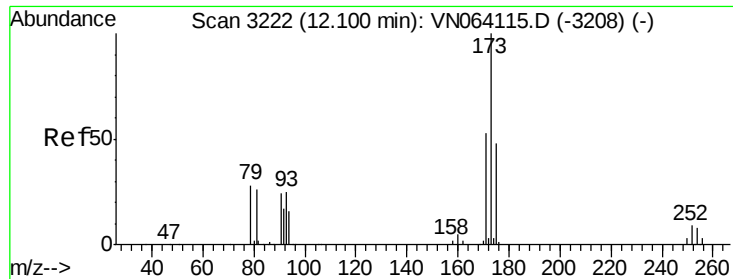
Tgt Ion:106 Resp: 1377167
Ion Ratio Lower Upper
106 100
91 209.0 107.6 322.8



#70
Styrene
Concen: 170.020 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN064117.D
Acq: 14 Oct 2020 16:17

Tgt Ion:104 Resp: 2391932
Ion Ratio Lower Upper
104 100
78 49.2 39.7 59.5
103 55.0 44.2 66.2





#71

Bromoform

Concen: 173.169 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064117.D

Acq: 14 Oct 2020 16:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

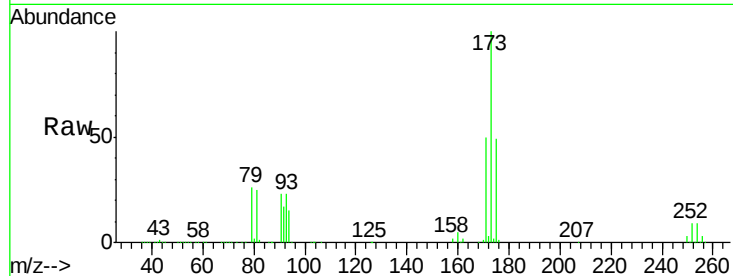
Tgt Ion:173 Resp: 665728

Ion Ratio Lower Upper

173 100

175 48.6 23.4 70.2

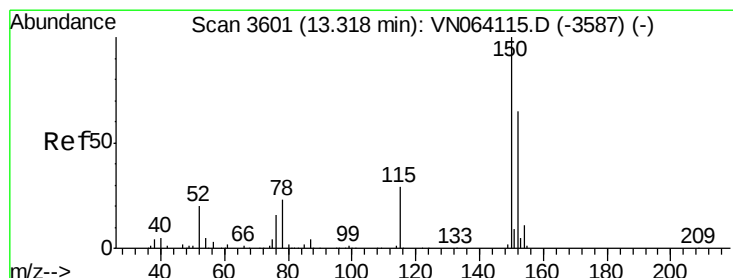
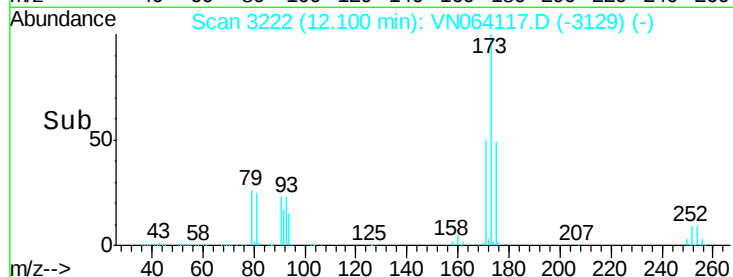
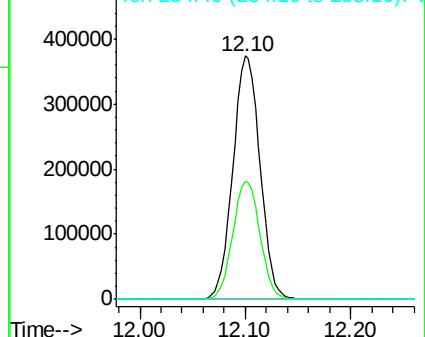
254 0.2 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064117.D

Acq: 14 Oct 2020 16:17

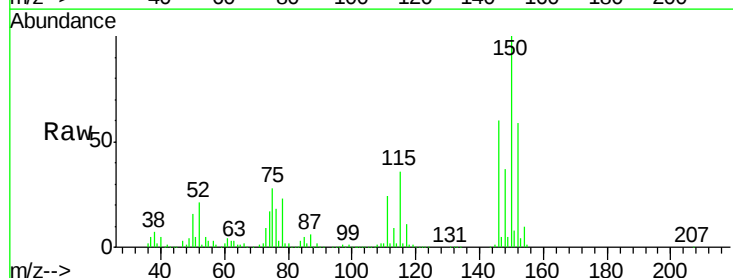
Tgt Ion:152 Resp: 329931

Ion Ratio Lower Upper

152 100

115 60.1 29.3 87.8

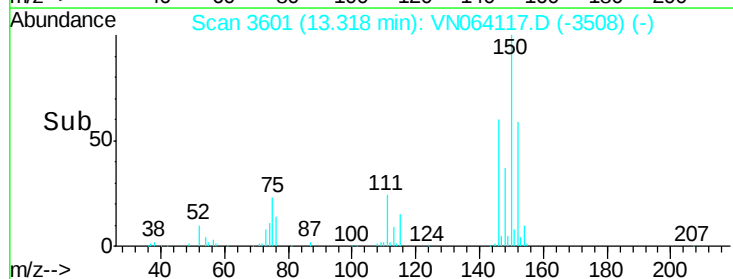
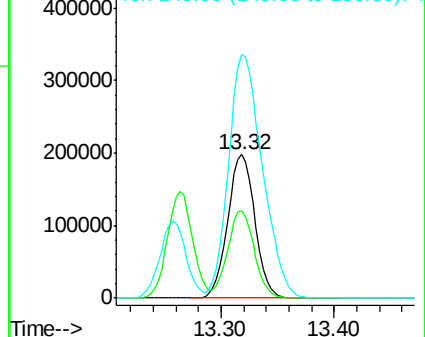
150 211.0 0.0 346.0

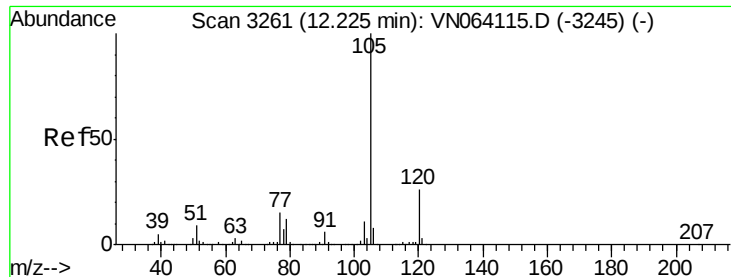


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 143.388 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN064117.D

Acq: 14 Oct 2020 16:17

Instrument :

MSVOA_N

ClientSampleId :

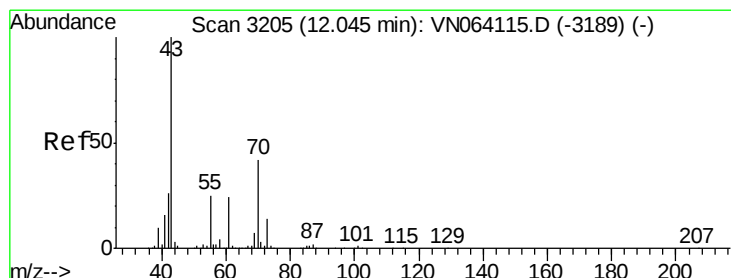
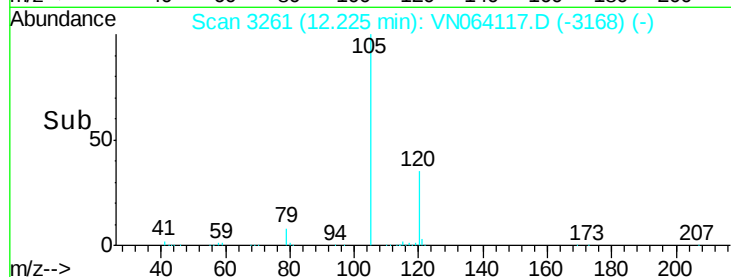
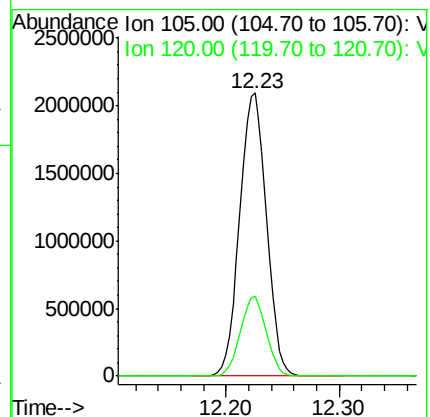
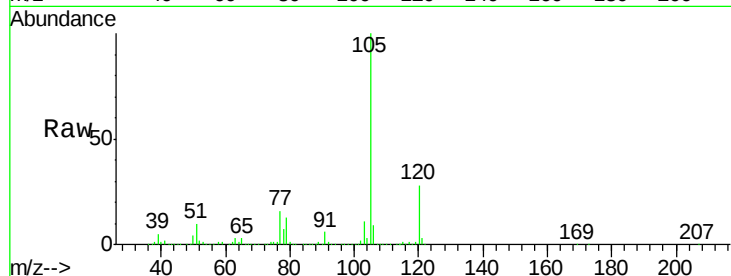
VSTDIC150

Tgt Ion:105 Resp: 3455318

Ion Ratio Lower Upper

105 100

120 27.4 13.2 39.5



#74

N-ethyl acetate

Concen: 151.713 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN064117.D

Acq: 14 Oct 2020 16:17

Tgt Ion: 43 Resp: 1475396

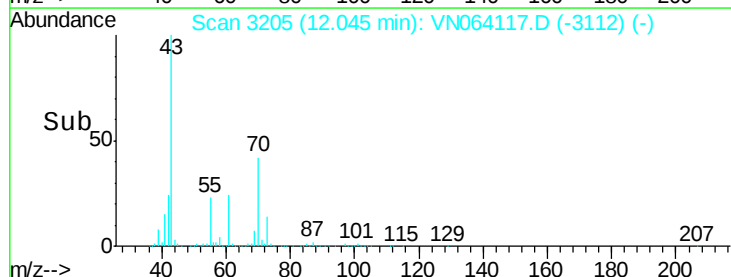
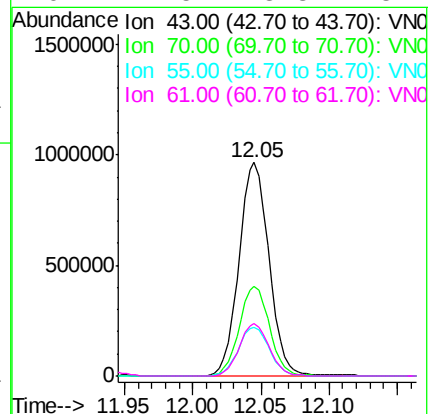
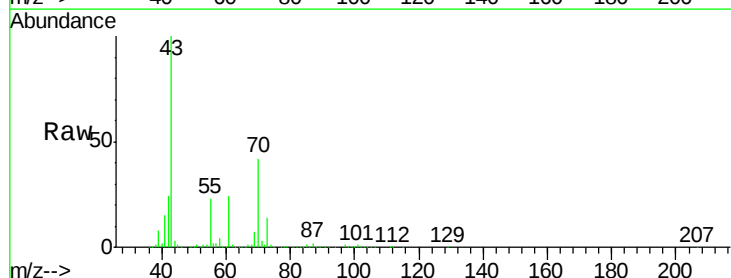
Ion Ratio Lower Upper

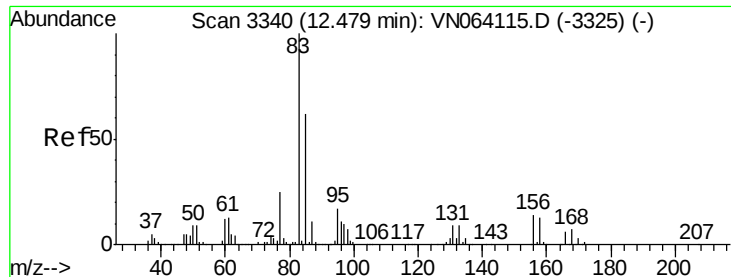
43 100

70 42.5 33.2 49.8

55 23.9 19.9 29.9

61 24.5 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 150.026 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064117.D

Acq: 14 Oct 2020 16:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

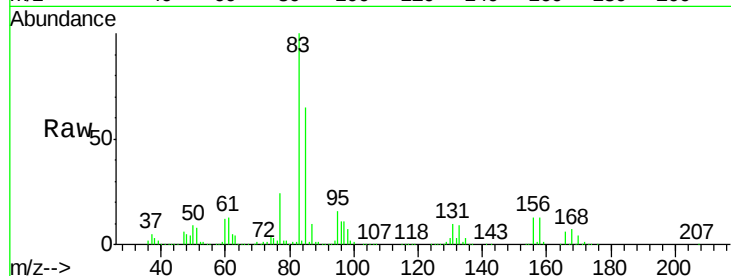
Tgt Ion: 83 Resp: 1114129

Ion Ratio Lower Upper

83 100

131 10.3 5.0 15.0

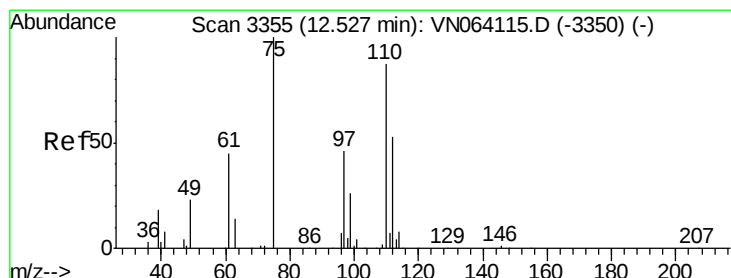
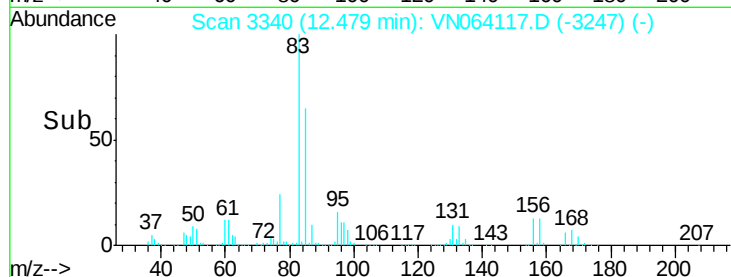
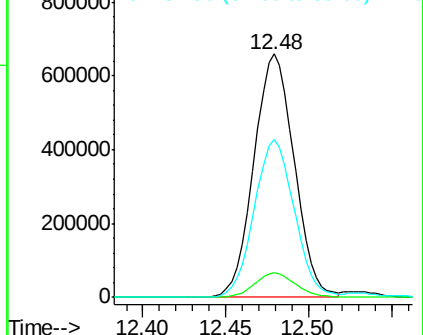
85 64.3 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 204.857 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064117.D

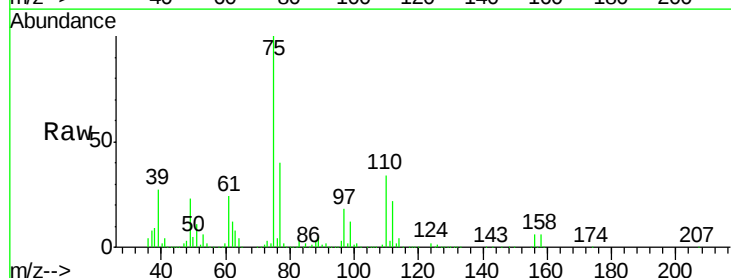
Acq: 14 Oct 2020 16:17

Tgt Ion: 75 Resp: 1491425

Ion Ratio Lower Upper

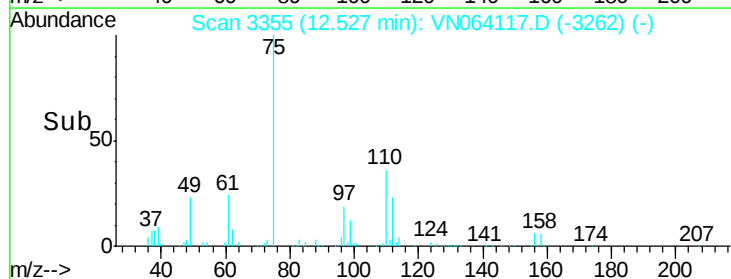
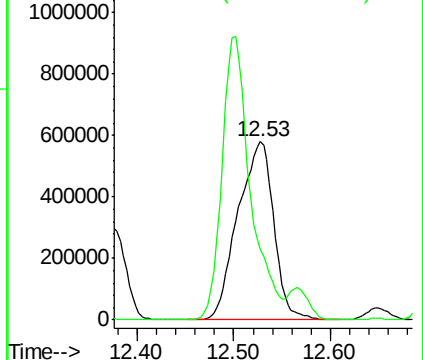
75 100

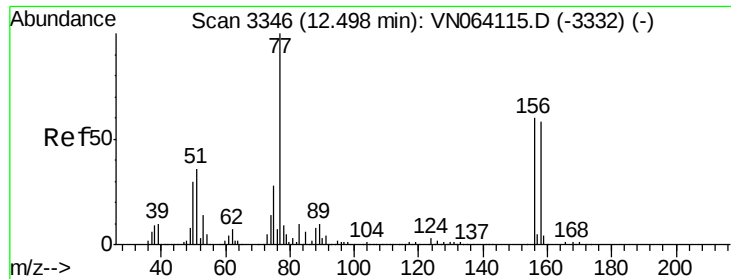
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 156.374 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. 0.00 min

Lab File: VN064117.D

Acq: 14 Oct 2020 16:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

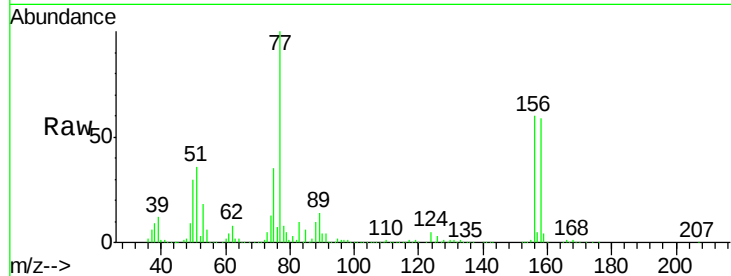
Tgt Ion:156 Resp: 939567

Ion Ratio Lower Upper

156 100

77 200.1 99.3 297.9

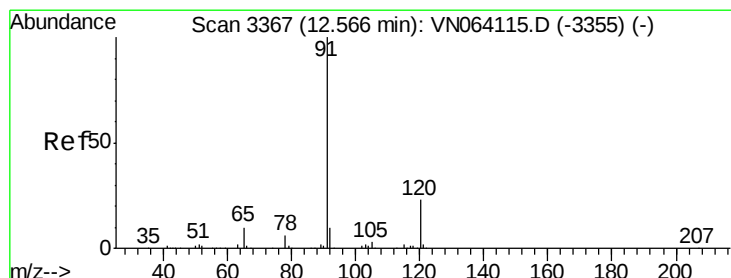
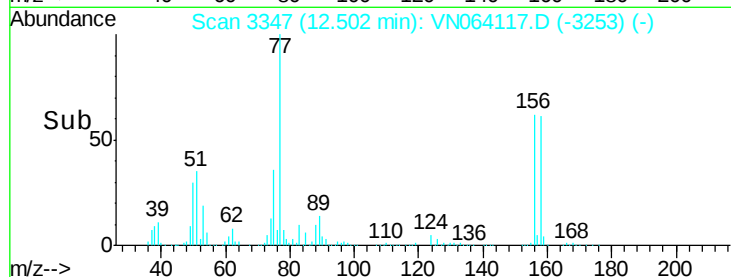
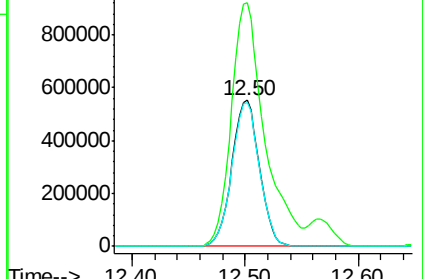
158 98.5 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 140.326 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064117.D

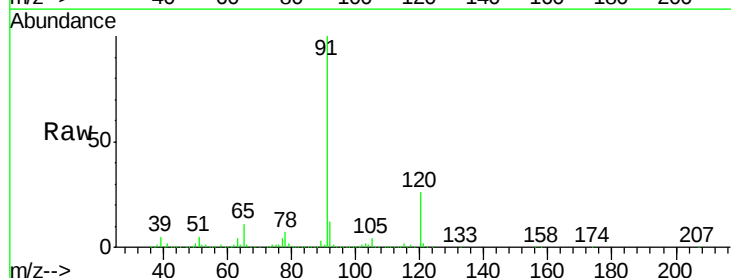
Acq: 14 Oct 2020 16:17

Tgt Ion: 91 Resp: 3930044

Ion Ratio Lower Upper

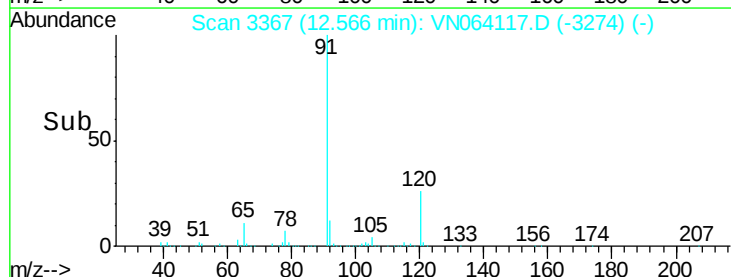
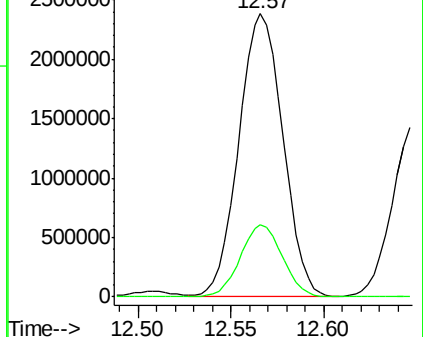
91 100

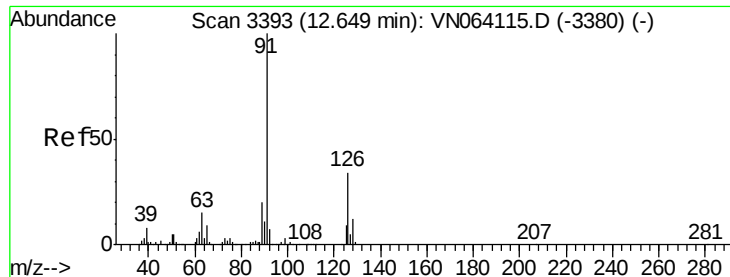
120 24.3 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

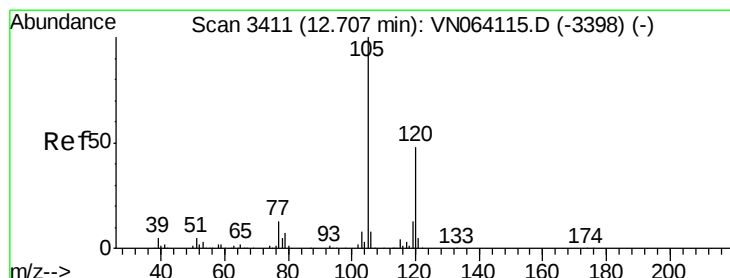
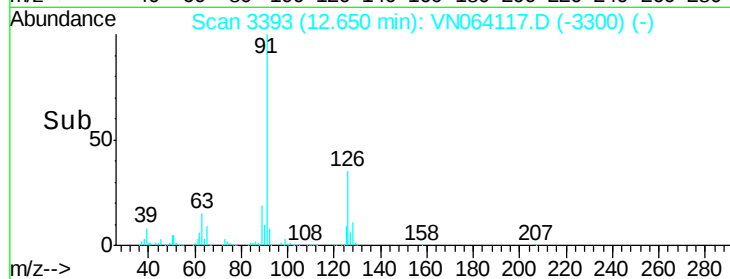
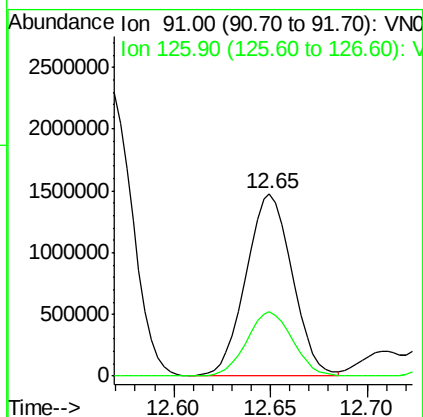
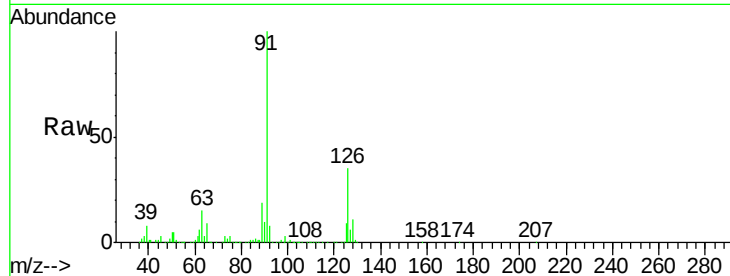




#79
 2-Chlorotoluene
 Concen: 142.560 ug/l
 RT: 12.65 min Scan# 3393
 Delta R.T. 0.00 min
 Lab File: VN064117.D
 Acq: 14 Oct 2020 16:17

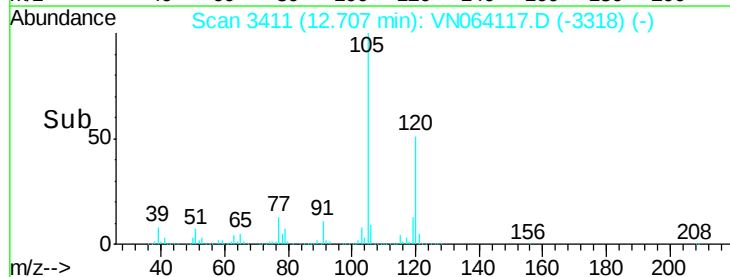
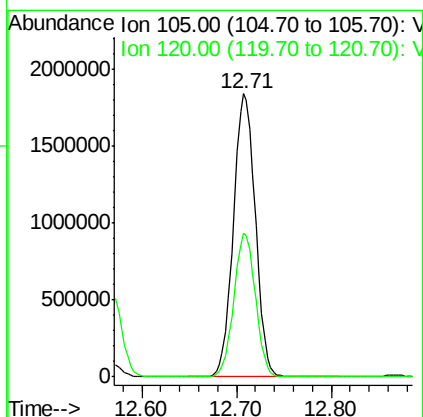
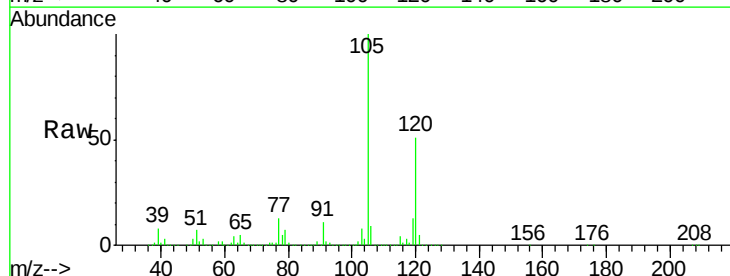
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

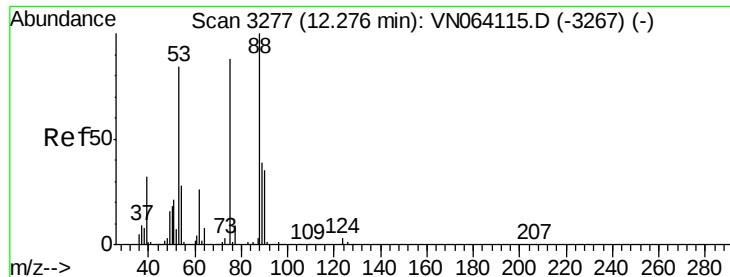
Tgt Ion: 91 Resp: 2461698
 Ion Ratio Lower Upper
 91 100
 126 35.1 17.5 52.5



#80
 1,3,5-Trimethylbenzene
 Concen: 146.458 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN064117.D
 Acq: 14 Oct 2020 16:17

Tgt Ion: 105 Resp: 2961069
 Ion Ratio Lower Upper
 105 100
 120 49.9 24.0 72.0





#81

trans-1,4-Dichloro-2-butene

Concen: 159.673 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN064117.D

Acq: 14 Oct 2020 16:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

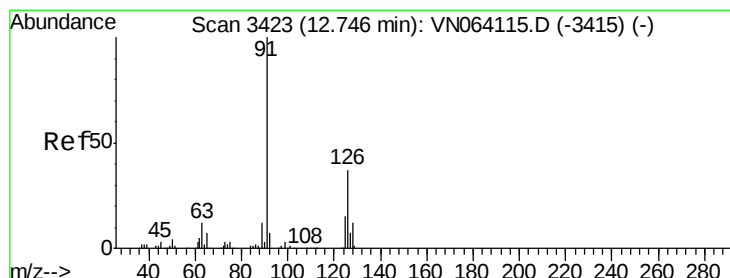
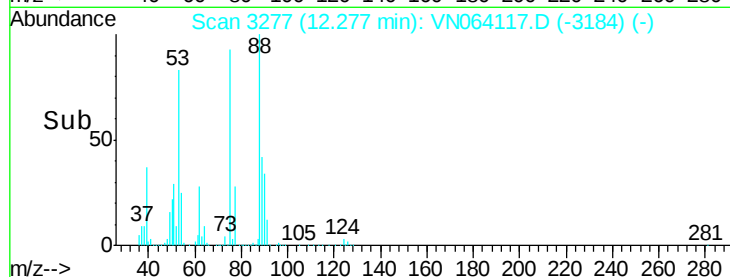
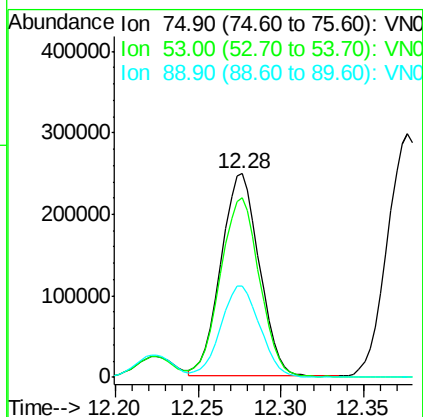
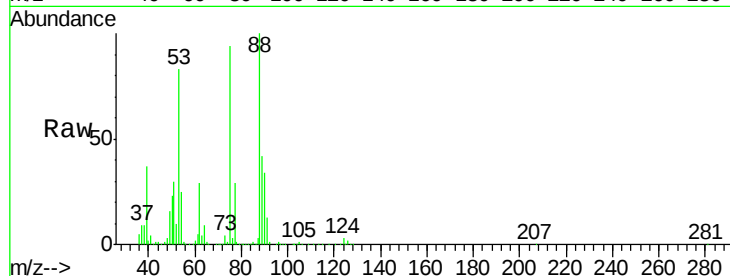
Tgt Ion: 75 Resp: 401013

Ion Ratio Lower Upper

75 100

53 90.5 75.7 113.5

89 46.1 36.6 55.0



#82

4-Chlorotoluene

Concen: 145.790 ug/l

RT: 12.75 min Scan# 3424

Delta R.T. 0.00 min

Lab File: VN064117.D

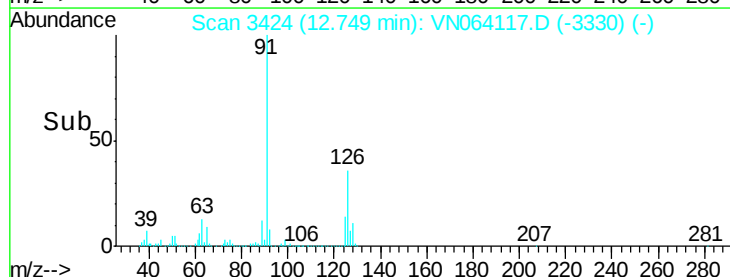
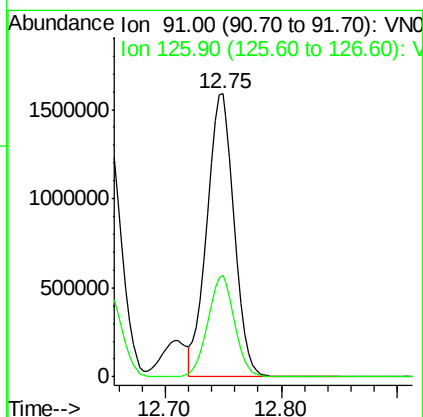
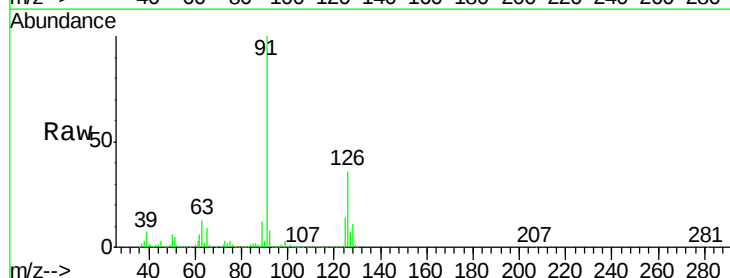
Acq: 14 Oct 2020 16:17

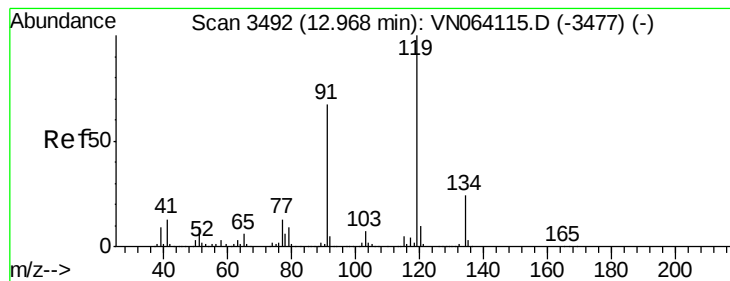
Tgt Ion: 91 Resp: 2602595

Ion Ratio Lower Upper

91 100

126 35.2 17.1 51.2





#83

tert-Butylbenzene

Concen: 148.222 ug/l

RT: 12.97 min Scan# 3492

Delta R.T. 0.00 min

Lab File: VN064117.D

Acq: 14 Oct 2020 16:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

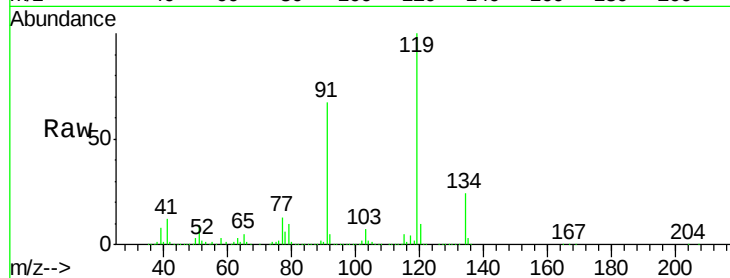
Tgt Ion:119 Resp: 2449820

Ion Ratio Lower Upper

119 100

91 65.2 32.6 98.0

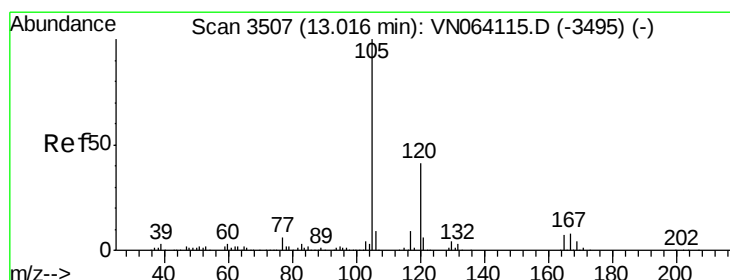
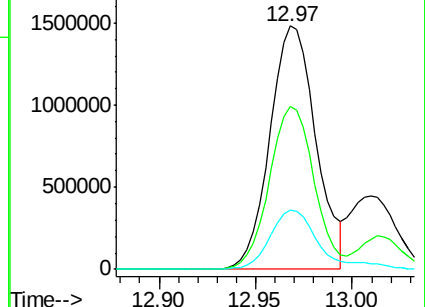
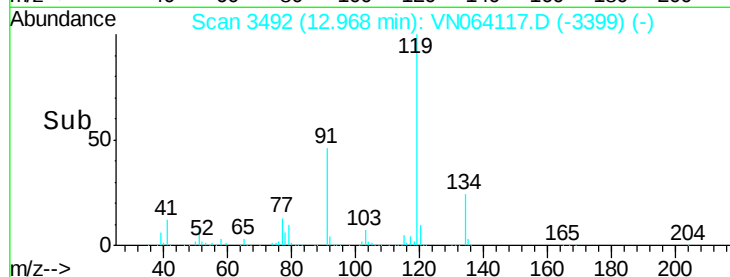
134 26.2 13.0 39.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 150.840 ug/l

RT: 13.02 min Scan# 3507

Delta R.T. 0.00 min

Lab File: VN064117.D

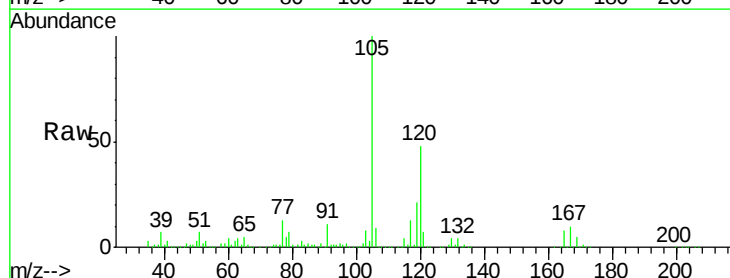
Acq: 14 Oct 2020 16:17

Tgt Ion:105 Resp: 3029296

Ion Ratio Lower Upper

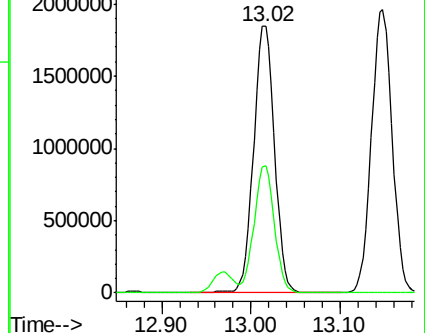
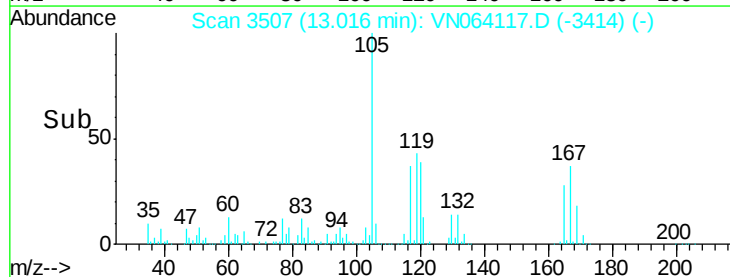
105 100

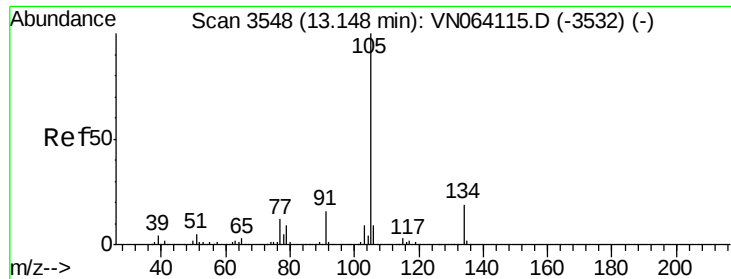
120 46.2 22.8 68.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 145.360 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN064117.D

Acq: 14 Oct 2020 16:17

Instrument :

MSVOA_N

ClientSampleId :

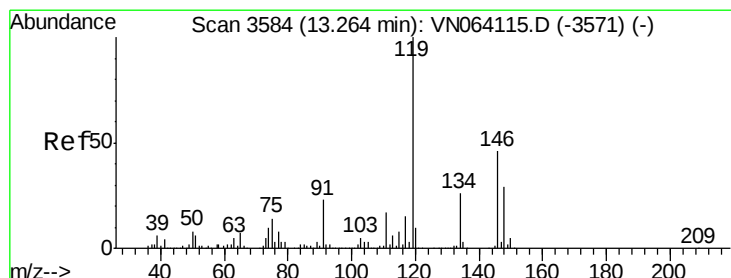
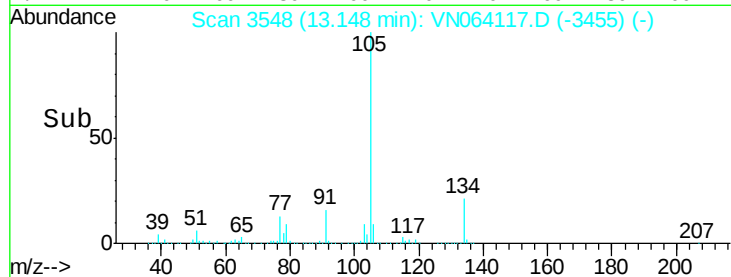
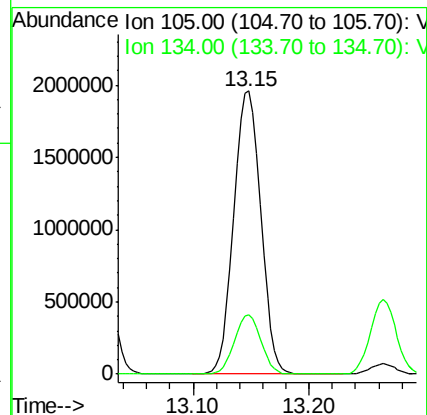
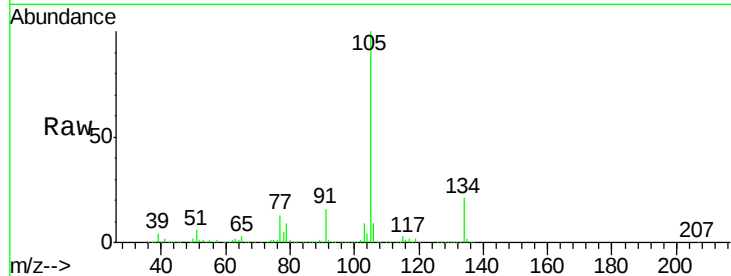
VSTDIC150

Tgt Ion:105 Resp: 3148694

Ion Ratio Lower Upper

105 100

134 20.5 9.7 29.1



#86

p-Isopropyltoluene

Concen: 154.251 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064117.D

Acq: 14 Oct 2020 16:17

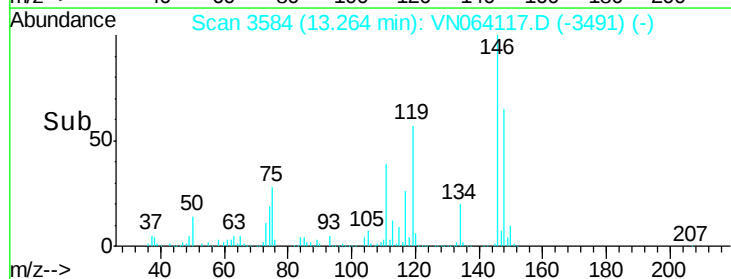
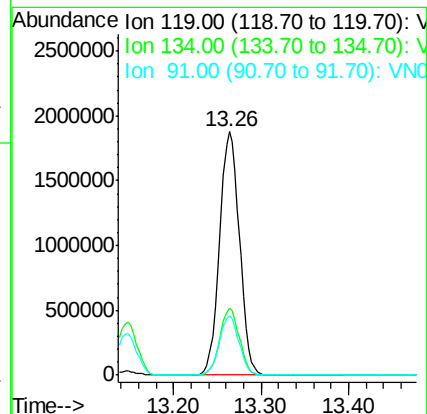
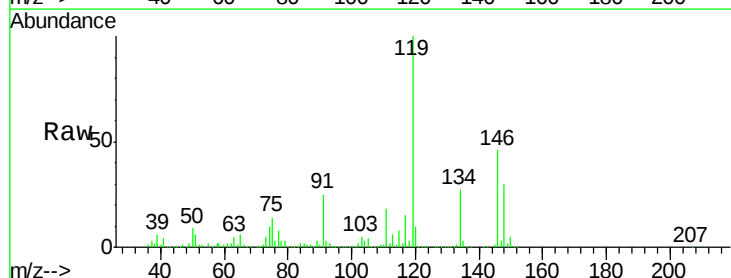
Tgt Ion:119 Resp: 2952099

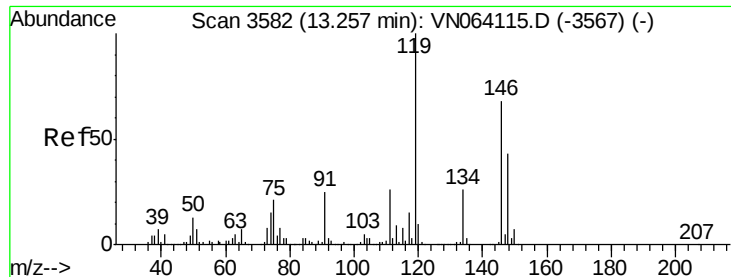
Ion Ratio Lower Upper

119 100

134 26.9 13.2 39.5

91 24.0 12.0 36.1

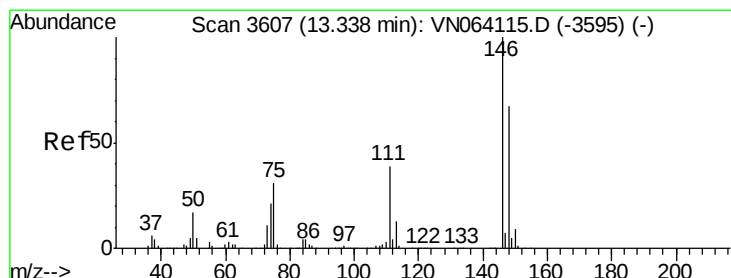
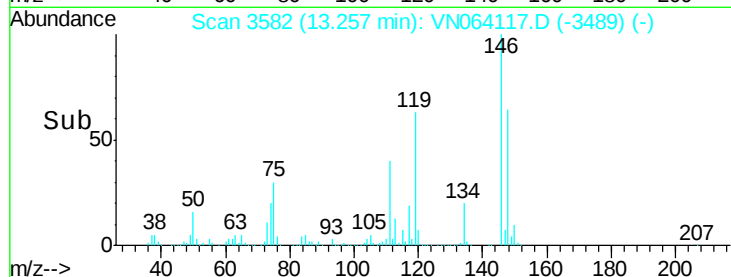
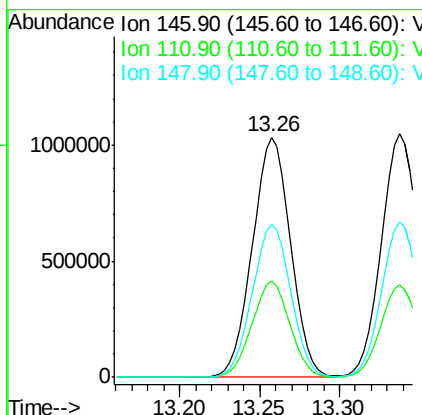
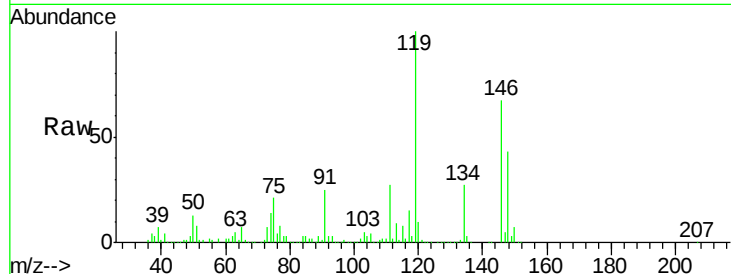




#87
 1,3-Dichlorobenzene
 Concen: 157.240 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064117.D
 Acq: 14 Oct 2020 16:17

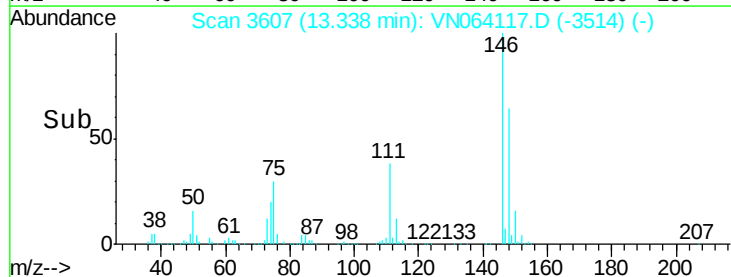
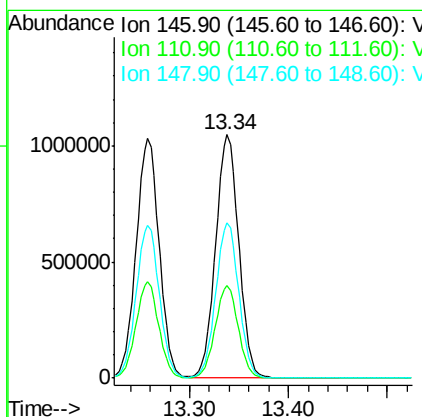
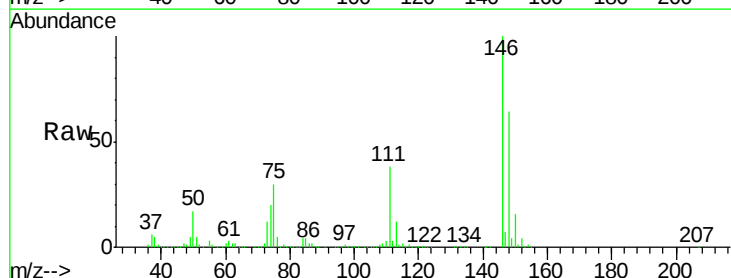
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

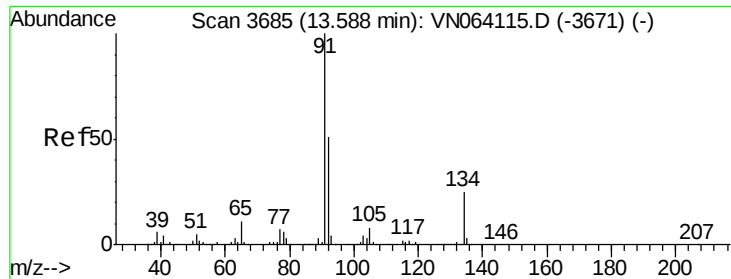
Tgt Ion:146 Resp: 1695871
 Ion Ratio Lower Upper
 146 100
 111 39.5 19.7 59.1
 148 64.3 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 153.453 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064117.D
 Acq: 14 Oct 2020 16:17

Tgt Ion:146 Resp: 1724841
 Ion Ratio Lower Upper
 146 100
 111 37.5 19.3 57.9
 148 63.8 32.1 96.5

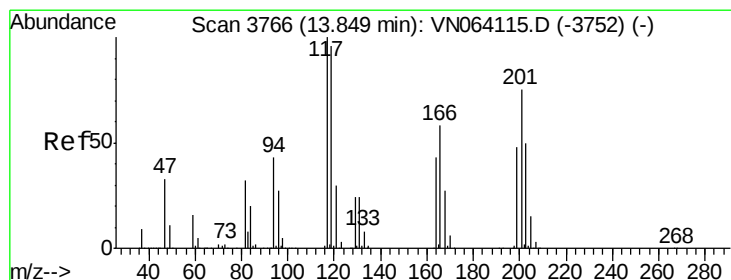
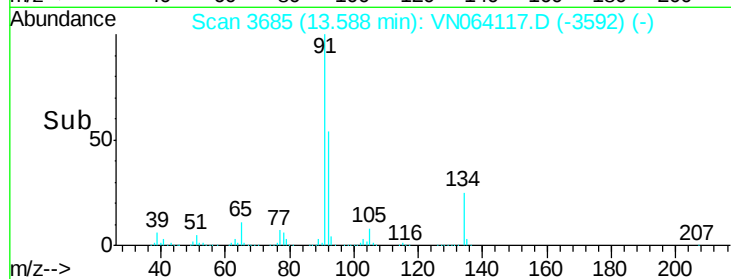
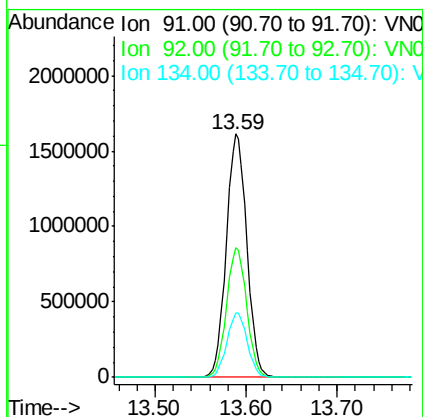
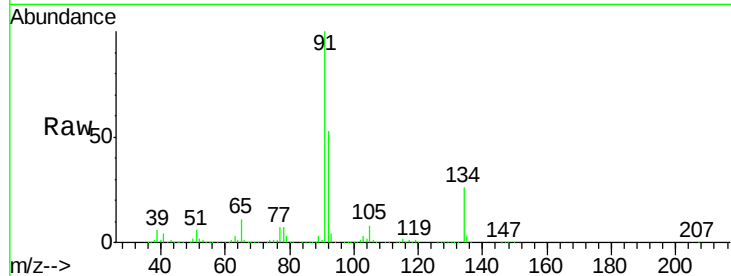




#89
n-Butylbenzene
Concen: 145.038 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN064117.D
Acq: 14 Oct 2020 16:17

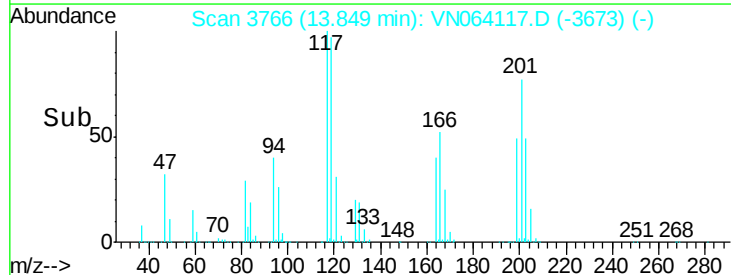
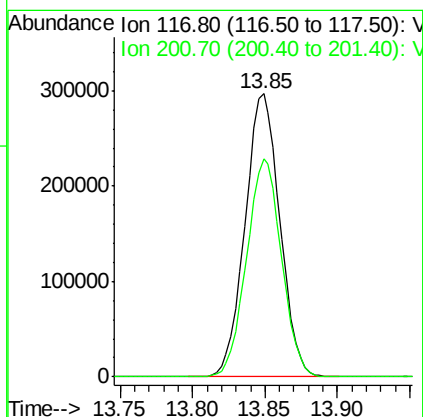
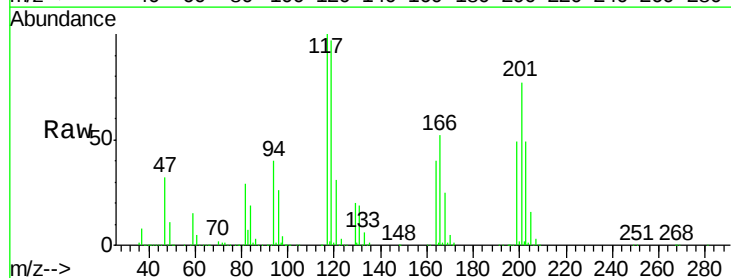
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

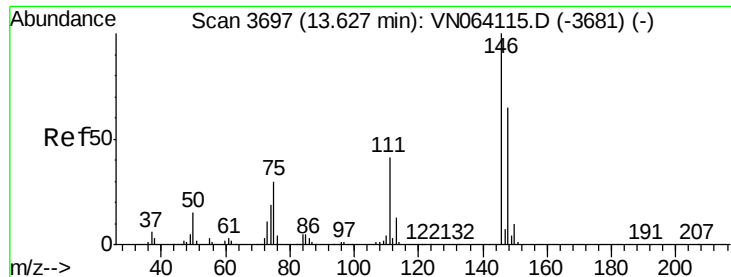
Tgt Ion: 91 Resp: 2526362
Ion Ratio Lower Upper
91 100
92 52.5 25.6 76.6
134 26.3 12.6 37.8



#90
Hexachloroethane
Concen: 136.557 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN064117.D
Acq: 14 Oct 2020 16:17

Tgt Ion: 117 Resp: 497240
Ion Ratio Lower Upper
117 100
201 76.9 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 153.867 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. 0.00 min

Lab File: VN064117.D

Acq: 14 Oct 2020 16:17

Instrument :

MSVOA_N

ClientSampled :

VSTDIC150

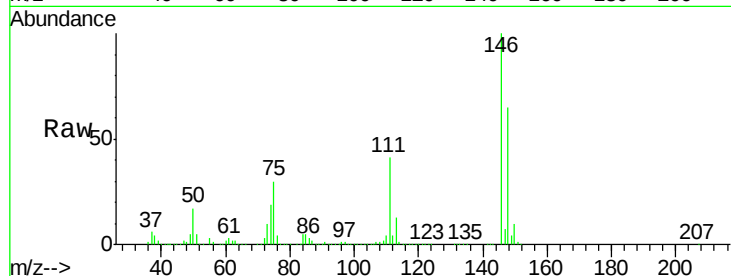
Tgt Ion:146 Resp: 1652711

Ion Ratio Lower Upper

146 100

111 40.3 20.3 60.8

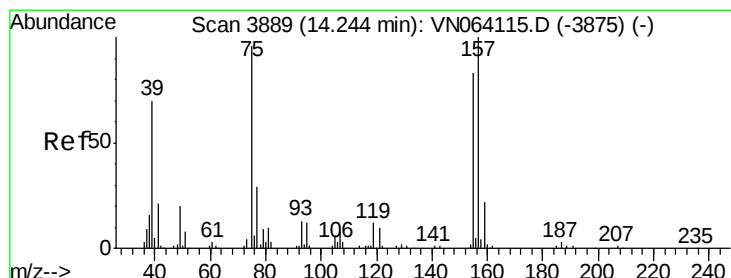
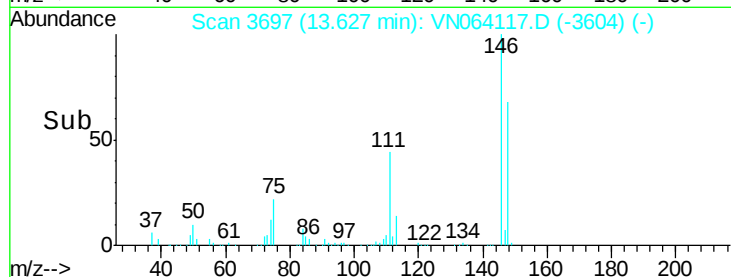
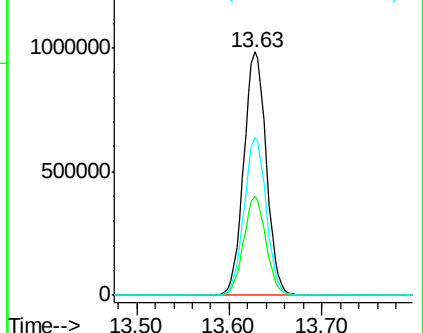
148 64.1 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 129.993 ug/l

RT: 14.24 min Scan# 3889

Delta R.T. 0.00 min

Lab File: VN064117.D

Acq: 14 Oct 2020 16:17

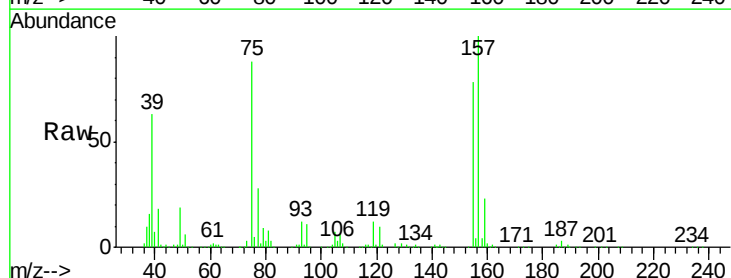
Tgt Ion: 75 Resp: 220389

Ion Ratio Lower Upper

75 100

155 87.9 40.8 122.2

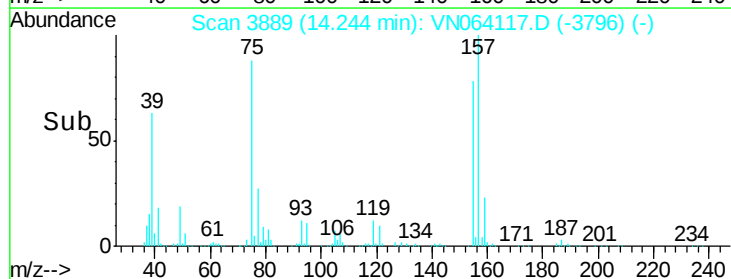
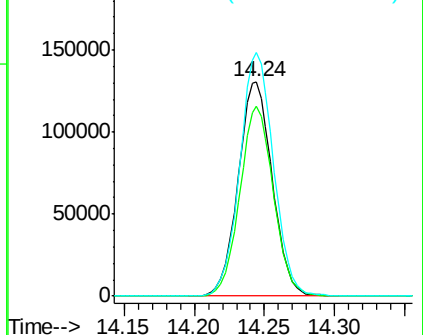
157 112.9 53.9 161.7

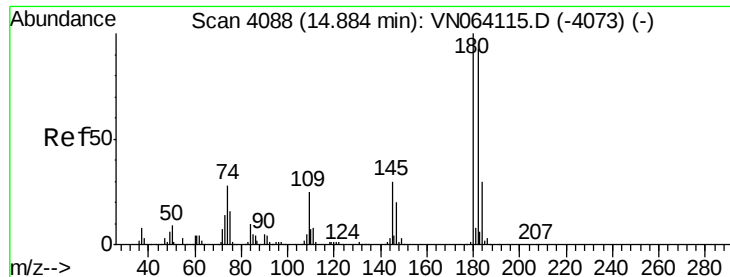


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

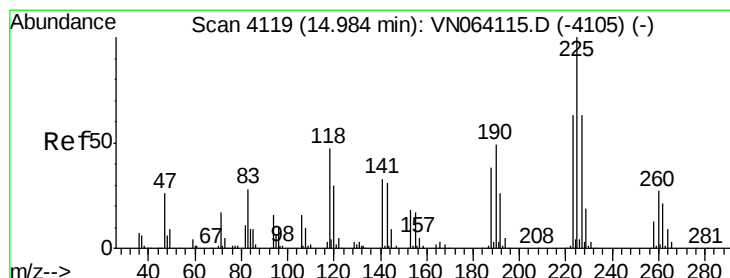
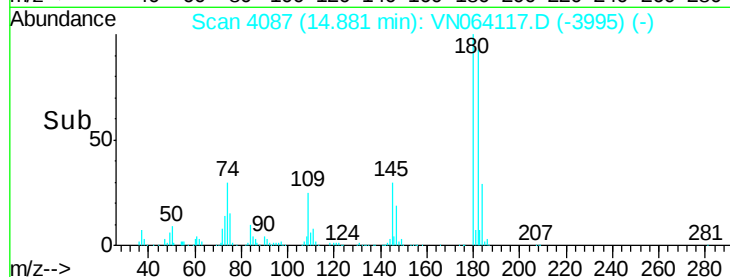
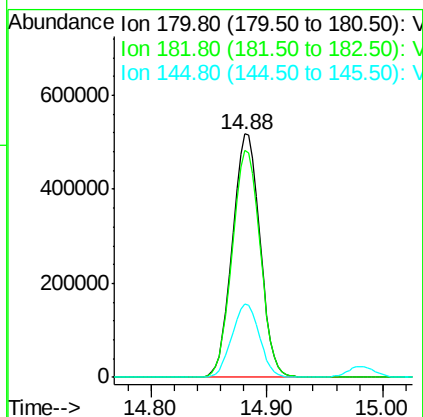
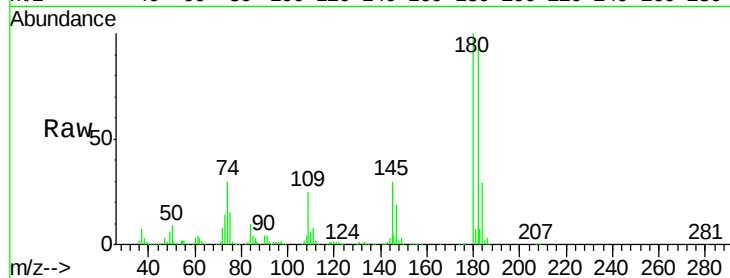




#93
 1,2,4-Trichlorobenzene
 Concen: 148.261 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN064117.D
 Acq: 14 Oct 2020 16:17

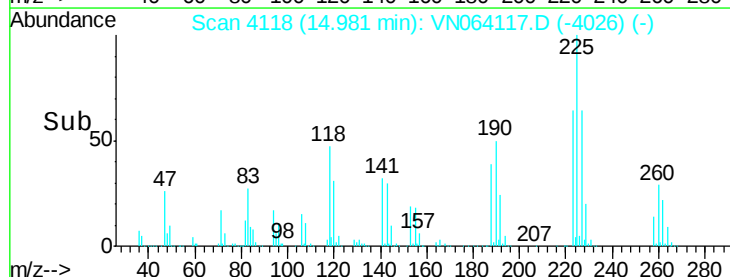
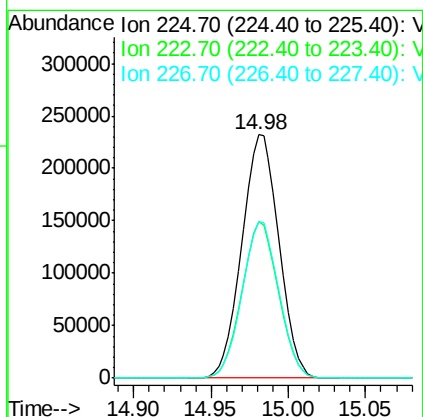
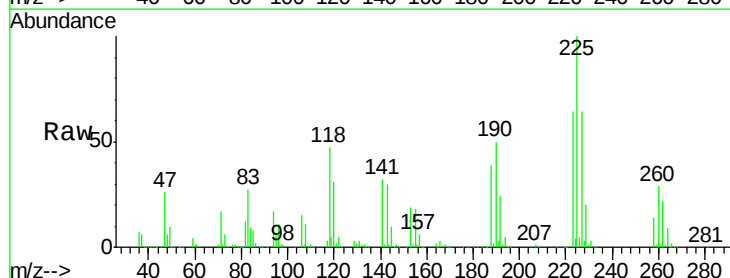
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

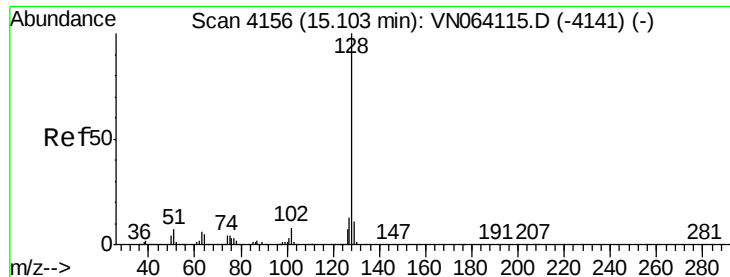
Tgt Ion:180 Resp: 850026
 Ion Ratio Lower Upper
 180 100
 182 94.6 45.8 137.4
 145 30.2 15.4 46.1



#94
 Hexachlorobutadiene
 Concen: 116.786 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064117.D
 Acq: 14 Oct 2020 16:17

Tgt Ion:225 Resp: 387398
 Ion Ratio Lower Upper
 225 100
 223 63.3 32.3 96.9
 227 63.4 31.6 94.8

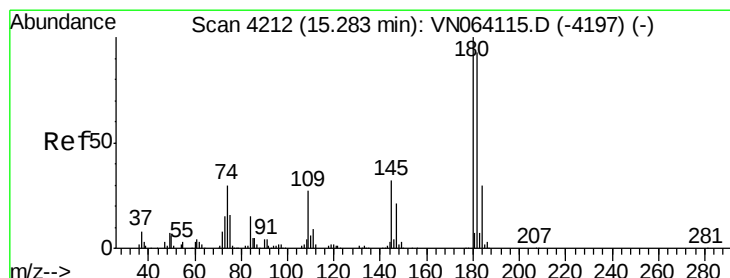
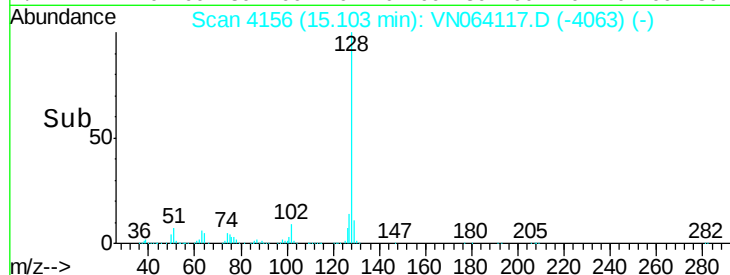
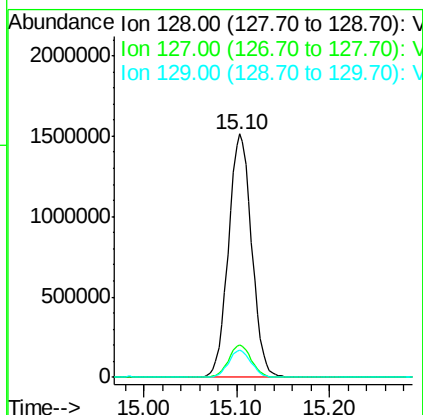
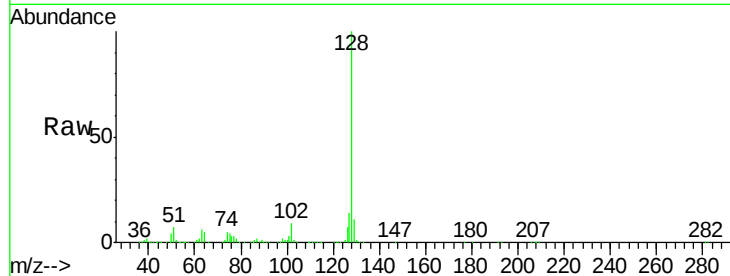




#95
Naphthalene
Concen: 150.544 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064117.D
Acq: 14 Oct 2020 16:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 2628531
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.4
129 10.9 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 145.581 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN064117.D
Acq: 14 Oct 2020 16:17

Tgt Ion:180 Resp: 841200
Ion Ratio Lower Upper
180 100
182 95.7 46.6 139.8
145 32.4 16.1 48.2

