

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101420\
 Data File : VN064116.D
 Acq On : 14 Oct 2020 15:53
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Oct 14 16:20:21 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	7.62	168	403142	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	639764	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	620141	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	315054	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	539596	83.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	167.58%	
35) Dibromofluoromethane	7.55	113	439570	99.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	199.46%	
50) Toluene-d8	10.06	98	1730758	103.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	206.10%	
62) 4-Bromofluorobenzene	12.38	95	611635	98.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	197.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	367847	86.917	ug/l	100
3) Chloromethane	2.04	50	426773	85.505	ug/l	100
4) Vinyl Chloride	2.16	62	535230	103.478	ug/l	98
5) Bromomethane	2.52	94	414478	120.921	ug/l	97
6) Chloroethane	2.67	64	405016	124.713	ug/l	95
7) Trichlorofluoromethane	2.98	101	744769	93.285	ug/l	99
8) Diethyl Ether	3.37	74	237501	89.345	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	367823	87.116	ug/l	98
10) Methyl Iodide	3.91	142	546385	108.342	ug/l	100
11) Tert butyl alcohol	4.73	59	303885	427.443	ug/l	99
12) 1,1-Dichloroethene	3.70	96	369505	90.779	ug/l	98
13) Acrolein	3.57	56	246281	530.795	ug/l	99
14) Allyl chloride	4.28	41	581884	79.289	ug/l	98
15) Acrylonitrile	4.93	53	870090	422.701	ug/l	100
16) Acetone	3.77	43	766451	385.282	ug/l	99
17) Carbon Disulfide	4.01	76	1072267	89.809	ug/l	98
18) Methyl Acetate	4.27	43	385287	74.708	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	1150324	80.110	ug/l	99
20) Methylene Chloride	4.50	84	451619	88.397	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	423666	92.328	ug/l	99
22) Diisopropyl ether	5.90	45	1202307	79.848	ug/l	97
23) Vinyl Acetate	5.84	43	5562594	441.407	ug/l	100
24) 1,1-Dichloroethane	5.80	63	783201	88.815	ug/l	99
25) 2-Butanone	6.78	43	1247238	437.939	ug/l	99
26) 2,2-Dichloropropane	6.78	77	643464	81.036	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	501382	95.158	ug/l	98
28) Bromochloromethane	7.15	49	392917	91.618	ug/l #	97
29) Tetrahydrofuran	7.16	42	736755	391.196	ug/l	99
30) Chloroform	7.33	83	824586	89.129	ug/l	98
31) Cyclohexane	7.61	56	572107	76.256	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	731985	88.418	ug/l	98
36) 1,1-Dichloropropene	7.75	75	617393	95.428	ug/l	100
37) Ethyl Acetate	6.88	43	550615	86.845	ug/l	99
38) Carbon Tetrachloride	7.73	117	653879	90.707	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	562593	89.371	ug/l	98
40) Benzene	8.00	78	1860159	99.649	ug/l	99
41) Methacrylonitrile	7.12	41	260780	94.835	ug/l	96
42) 1,2-Dichloroethane	8.08	62	652314	84.088	ug/l	99
43) Isopropyl Acetate	8.13	43	931123	90.141	ug/l #	91
44) Trichloroethene	8.80	130	493420	100.555	ug/l	96
45) 1,2-Dichloropropane	9.08	63	478953	95.915	ug/l	99
46) Dibromomethane	9.17	93	339786	98.104	ug/l	98
47) Bromodichloromethane	9.37	83	681584	96.161	ug/l	99
48) Methyl methacrylate	9.16	41	450531	88.152	ug/l	99
49) 1,4-Dioxane	9.16	88	125536	1727.001	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	2803581	460.836	ug/l	98
52) Toluene	10.13	92	1212436	104.999	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	748767	99.169	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	793281	100.150	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	474217	102.656	ug/l	98
56) Ethyl methacrylate	10.40	69	684898	105.850	ug/l	98
57) 1,3-Dichloropropane	10.68	76	790524	101.609	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	1831769	532.175	ug/l	99
59) 2-Hexanone	10.72	43	2088421	463.505	ug/l	100
60) Dibromochloromethane	10.87	129	558602	103.579	ug/l	100
61) 1,2-Dibromoethane	10.98	107	505180	106.503	ug/l	99
64) Tetrachloroethene	10.60	164	454484	93.604	ug/l	98
65) Chlorobenzene	11.41	112	1300790	101.073	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	501030	101.961	ug/l	99
67) Ethyl Benzene	11.48	91	2327880	100.715	ug/l	100
68) m/p-Xylenes	11.59	106	1787379	206.211	ug/l	97
69) o-Xylene	11.92	106	854087	105.395	ug/l	98
70) Styrene	11.94	104	1478885	107.789	ug/l	99
71) Bromoform	12.10	173	405011	108.026	ug/l #	98
73) Isopropylbenzene	12.22	105	2204291	95.792	ug/l	99
74) N-amyl acetate	12.05	43	876394	94.374	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	686977	96.875	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	909066	130.762	ug/l #	100
77) Bromobenzene	12.50	156	582292	101.488	ug/l	100
78) n-propylbenzene	12.57	91	2520348	94.241	ug/l	99
79) 2-Chlorotoluene	12.65	91	1511169	91.646	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	1854620	96.064	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	238229	99.336	ug/l	98
82) 4-Chlorotoluene	12.75	91	1609579	94.422	ug/l	99
83) tert-Butylbenzene	12.97	119	1517417	96.144	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	1877949	97.926	ug/l	99
85) sec-Butylbenzene	13.15	105	1983389	95.887	ug/l	99
86) p-Isopropyltoluene	13.26	119	1810530	99.070	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	1040159	100.997	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	1038221	96.728	ug/l	99
89) n-Butylbenzene	13.59	91	1544200	92.839	ug/l	99
90) Hexachloroethane	13.85	117	303675	87.336	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	1017908	99.242	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	134571	83.122	ug/l	95

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Quant Title : SW846 8260
QLast Update : Wed Oct 14 15:55:06 2020
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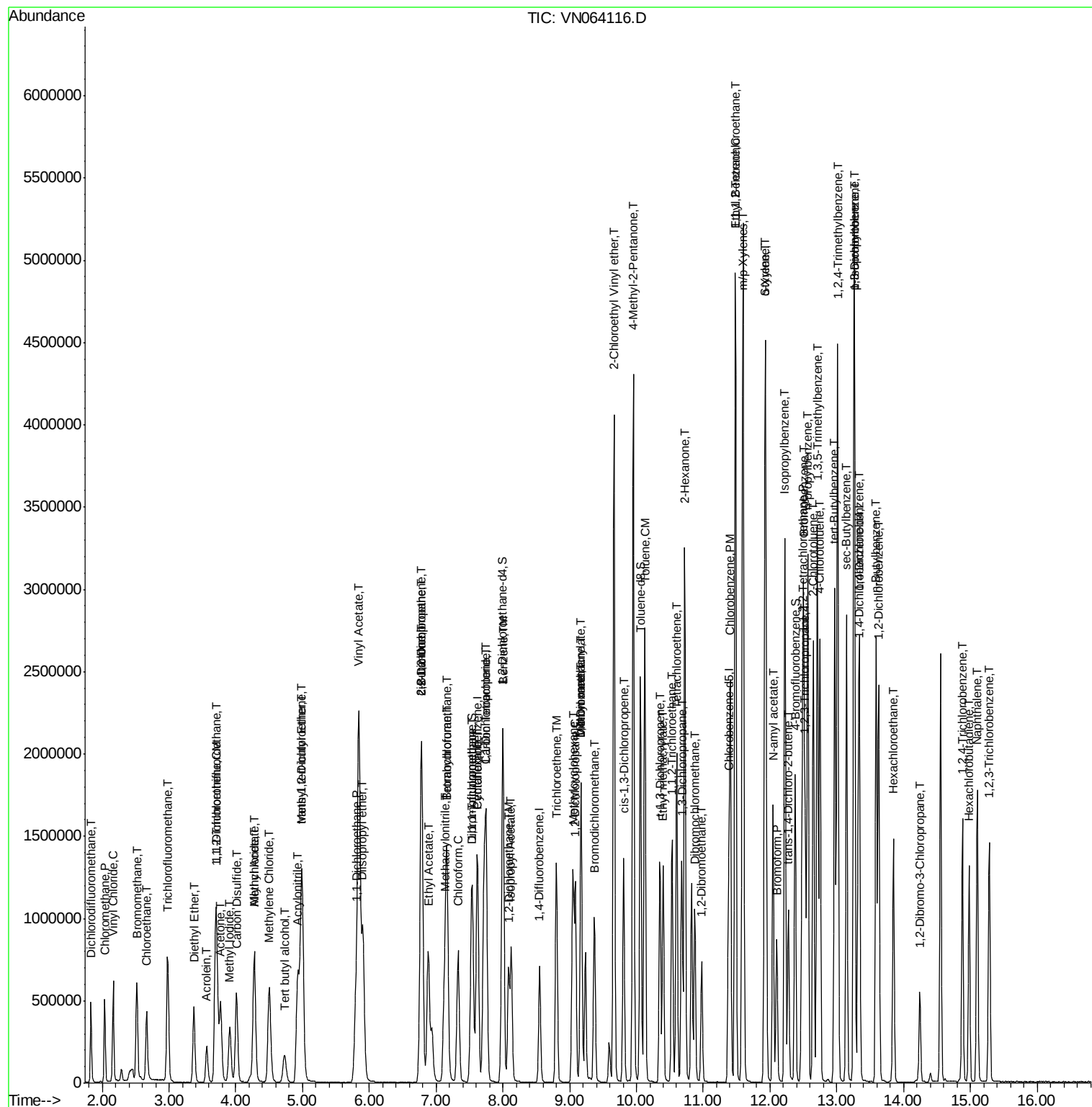
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	498872	91.122	ug/l	97
94) Hexachlorobutadiene	14.98	225	240118	75.805	ug/l	98
95) Naphthalene	15.10	128	1535030	92.067	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	495767	89.851	ug/l	98

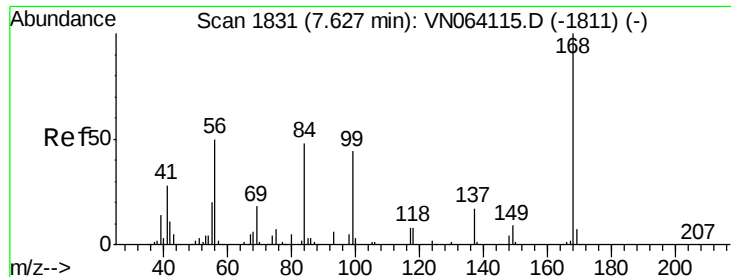
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN101420\
 Data File : VN064116.D
 Acq On : 14 Oct 2020 15:53
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 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VSTDIC100

Quant Time: Oct 14 16:20:21 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064116.D

Acq: 14 Oct 2020 15:53

Instrument :

MSVOA_N

ClientSampleId :

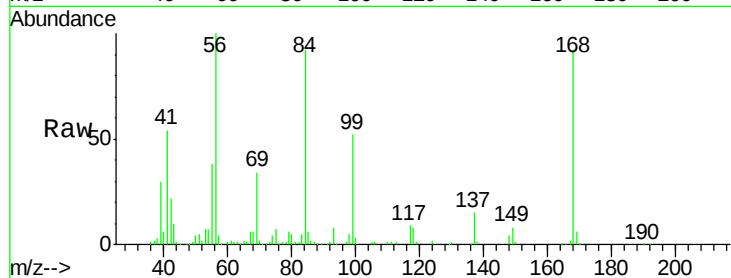
VSTDIC100

Tgt Ion:168 Resp: 403142

Ion Ratio Lower Upper

168 100

99 55.5 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

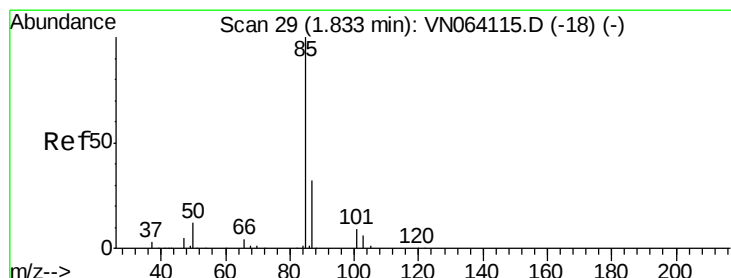
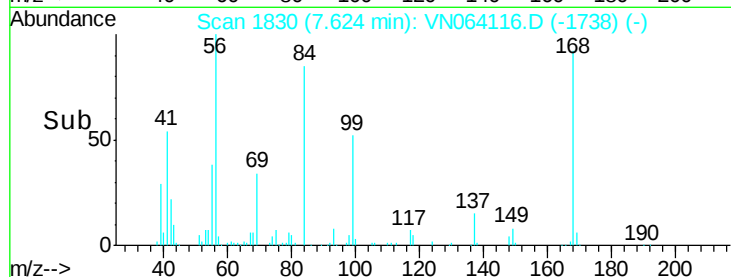
150000

100000

50000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 86.917 ug/l

RT: 1.83 min Scan# 28

Delta R.T. -0.00 min

Lab File: VN064116.D

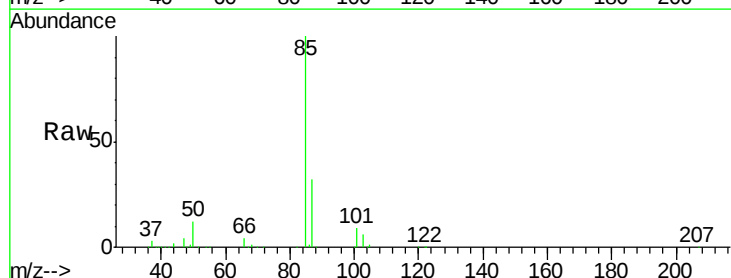
Acq: 14 Oct 2020 15:53

Tgt Ion: 85 Resp: 367847

Ion Ratio Lower Upper

85 100

87 32.1 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

300000

250000

200000

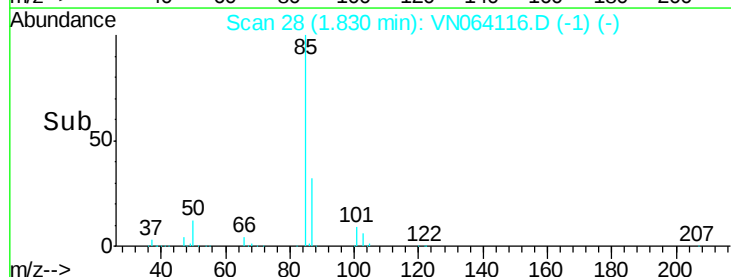
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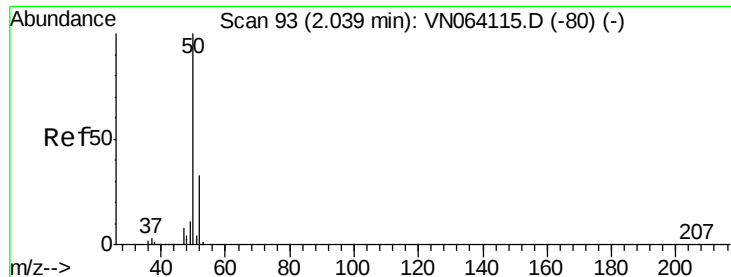
100000

50000

0

Time--> 1.75 1.80 1.85 1.90 1.95





#3

Chloromethane

Concen: 85.505 ug/l

RT: 2.04 min Scan# 92

Delta R.T. -0.00 min

Lab File: VN064116.D

Acq: 14 Oct 2020 15:53

Instrument :

MSVOA_N

ClientSampleId :

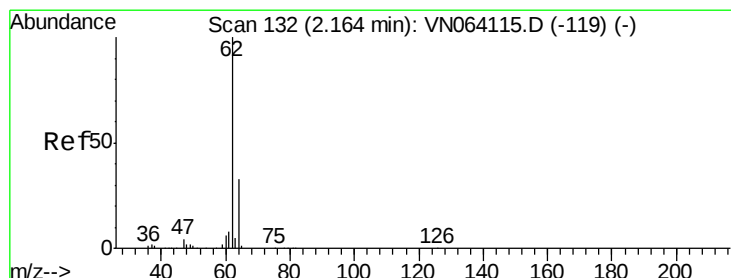
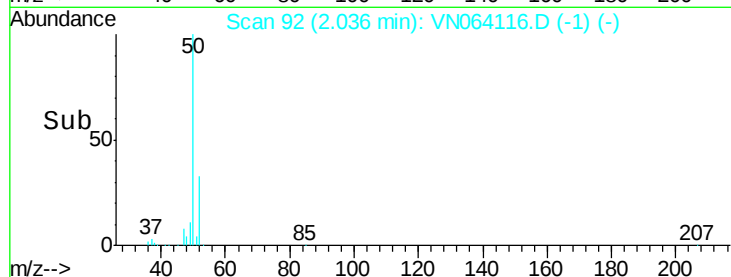
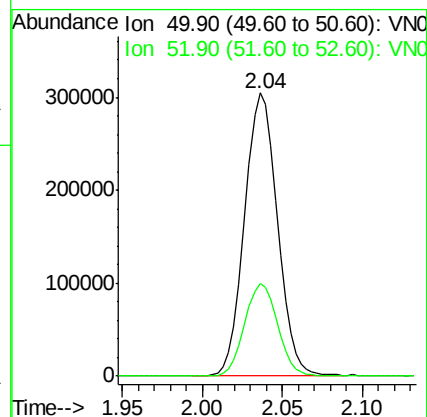
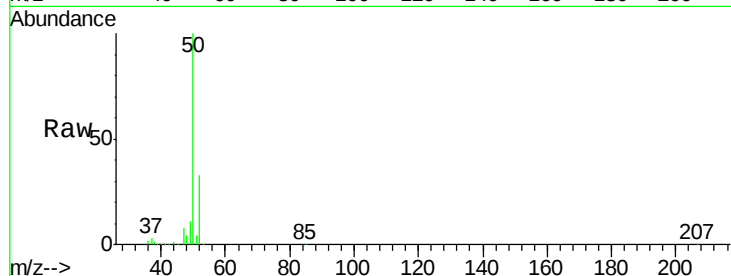
VSTDIC100

Tgt Ion: 50 Resp: 426773

Ion Ratio Lower Upper

50 100

52 32.7 26.1 39.1



#4

Vinyl Chloride

Concen: 103.478 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN064116.D

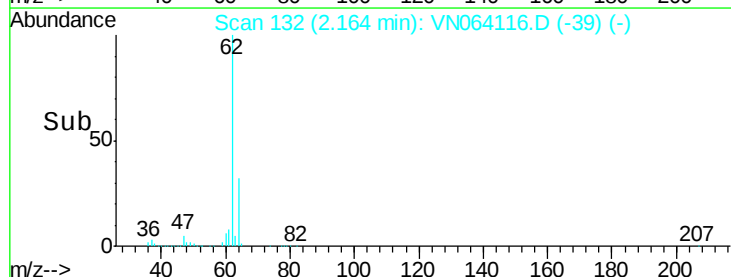
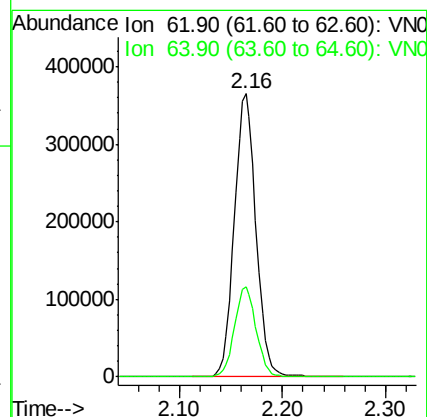
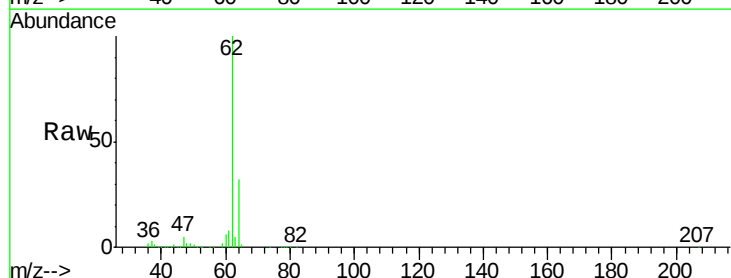
Acq: 14 Oct 2020 15:53

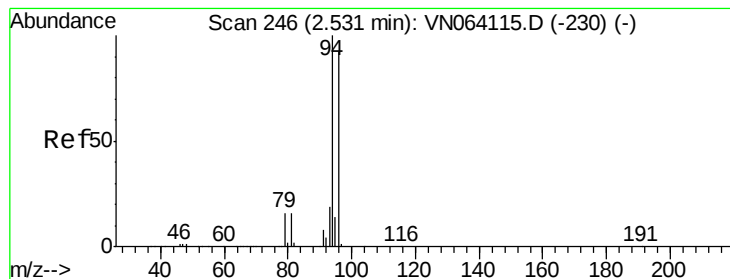
Tgt Ion: 62 Resp: 535230

Ion Ratio Lower Upper

62 100

64 31.8 26.2 39.4





#5

Bromomethane

Concen: 120.921 ug/l

RT: 2.52 min Scan# 242

Delta R.T. -0.01 min

Lab File: VN064116.D

Acq: 14 Oct 2020 15:53

Instrument :

MSVOA_N

ClientSampleId :

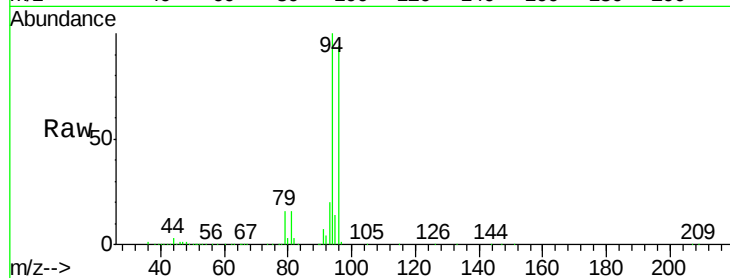
VSTDIC100

Tgt Ion: 94 Resp: 414478

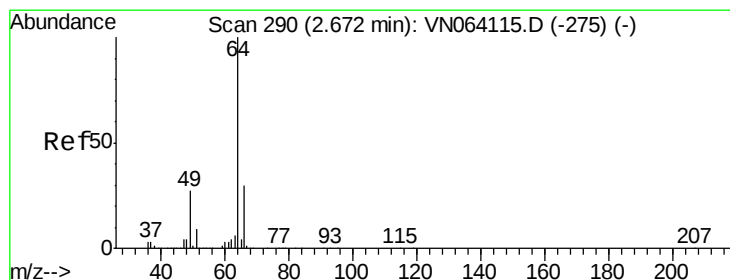
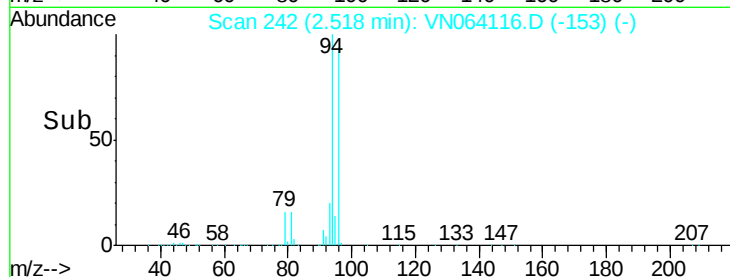
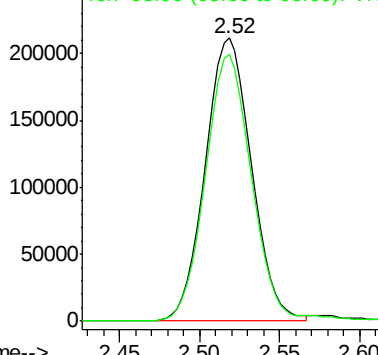
Ion Ratio Lower Upper

94 100

96 94.4 73.5 110.3



Abundance Ion 93.90 (93.60 to 94.60): VNO
Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 124.713 ug/l

RT: 2.67 min Scan# 288

Delta R.T. -0.01 min

Lab File: VN064116.D

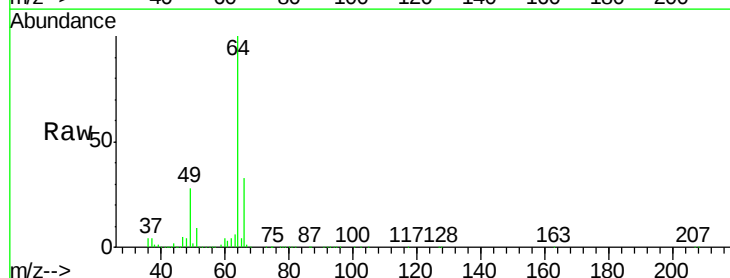
Acq: 14 Oct 2020 15:53

Tgt Ion: 64 Resp: 405016

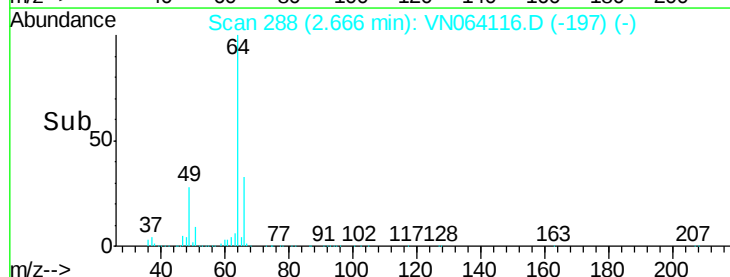
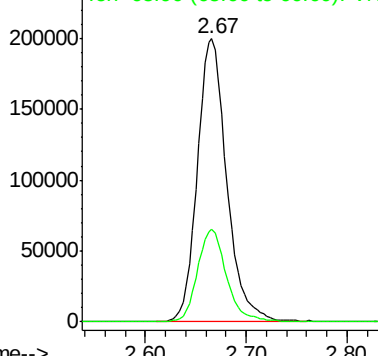
Ion Ratio Lower Upper

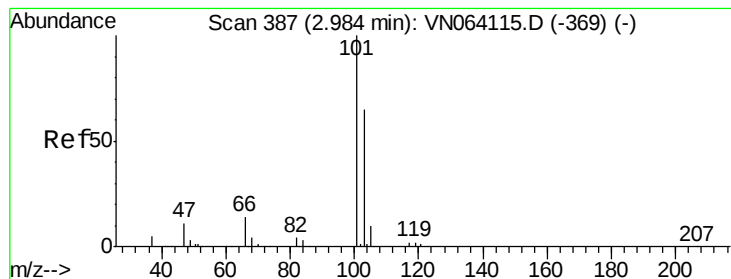
64 100

66 32.8 24.2 36.2



Abundance Ion 63.90 (63.60 to 64.60): VNO
Ion 65.90 (65.60 to 66.60): VNO



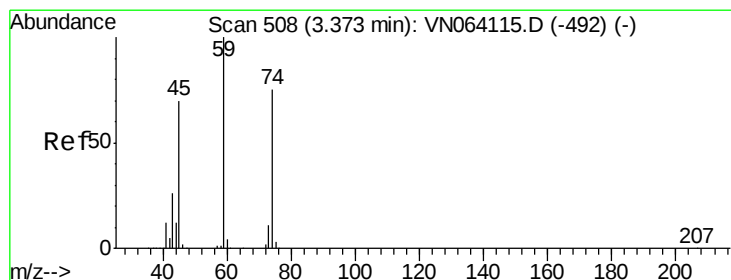
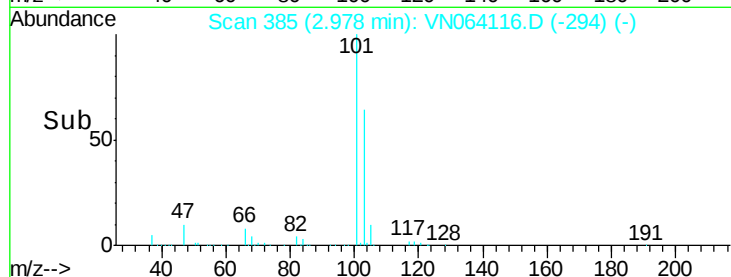
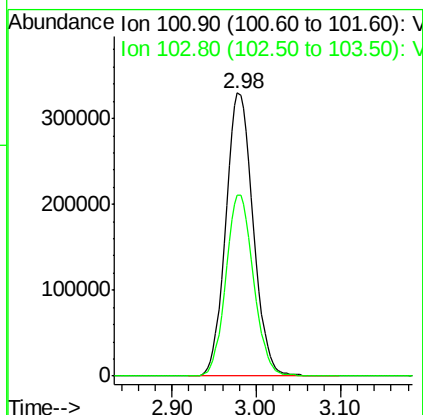
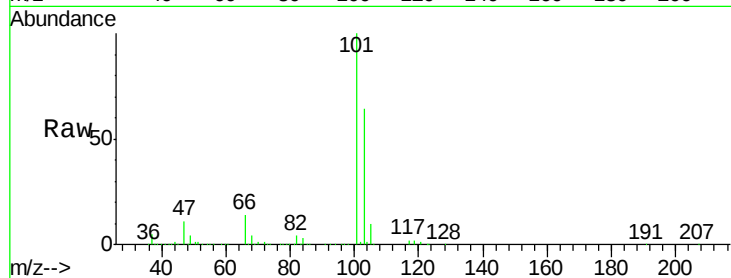


#7

Trichlorofluoromethane
 Concen: 93.285 ug/l
 RT: 2.98 min Scan# 385
 Delta R.T. -0.01 min
 Lab File: VN064116.D
 Acq: 14 Oct 2020 15:53

Instrument :
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 VSTDIC100

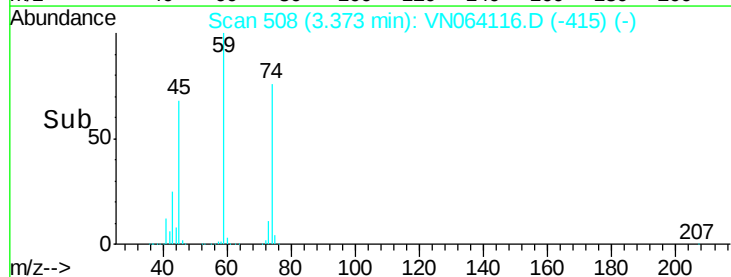
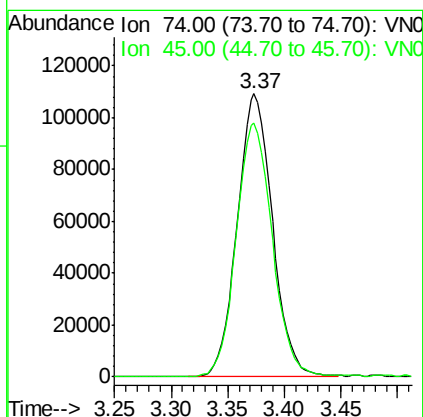
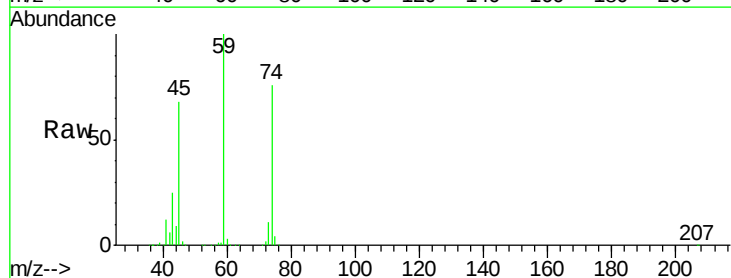
Tgt Ion:101 Resp: 744769
 Ion Ratio Lower Upper
 101 100
 103 64.1 51.8 77.6

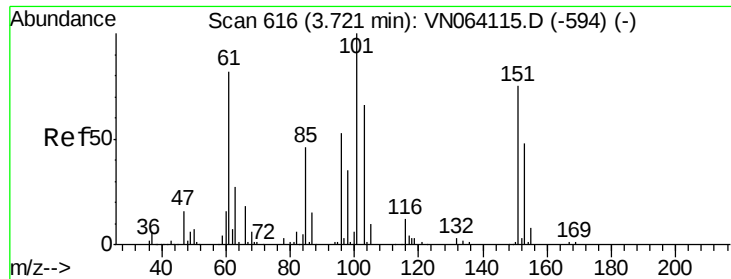


#8

Diethyl Ether
 Concen: 89.345 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: VN064116.D
 Acq: 14 Oct 2020 15:53

Tgt Ion: 74 Resp: 237501
 Ion Ratio Lower Upper
 74 100
 45 91.8 47.0 141.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 87.116 ug/l

RT: 3.72 min Scan# 615

Delta R.T. -0.00 min

Lab File: VN064116.D

Acq: 14 Oct 2020 15:53

Instrument :

MSVOA_N

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VSTDIC100

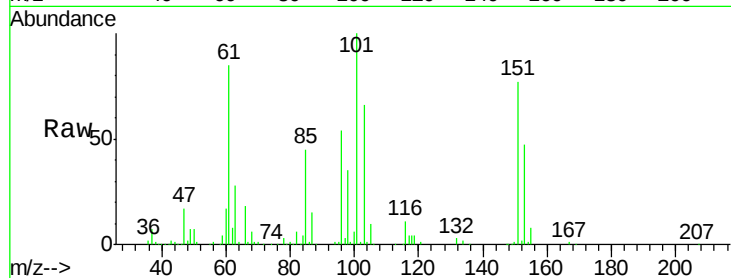
Tgt Ion:101 Resp: 367823

Ion Ratio Lower Upper

101 100

85 44.7 36.9 55.3

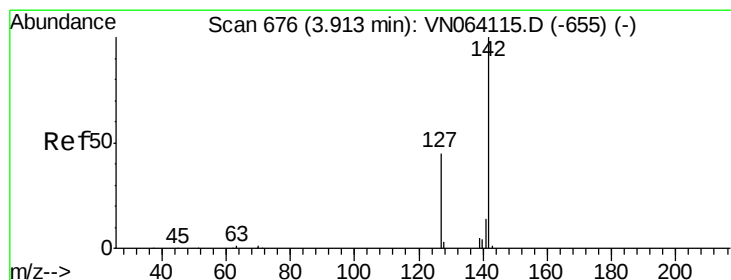
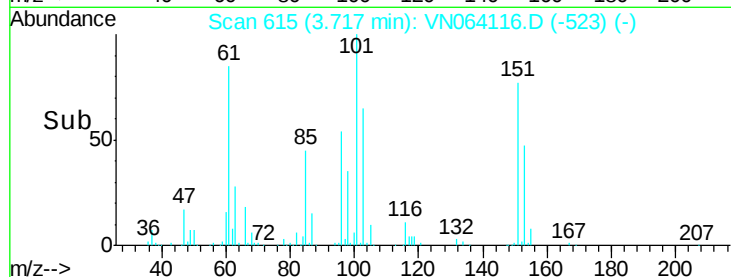
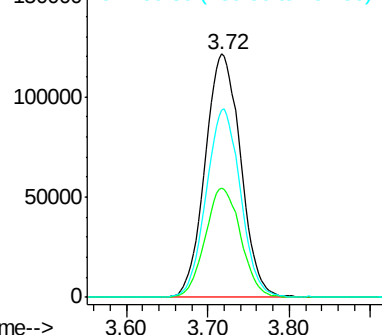
151 74.6 60.7 91.1



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: 108.342 ug/l

RT: 3.91 min Scan# 675

Delta R.T. -0.00 min

Lab File: VN064116.D

Acq: 14 Oct 2020 15:53

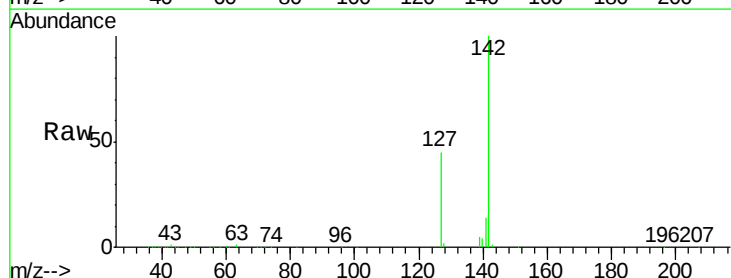
Tgt Ion:142 Resp: 546385

Ion Ratio Lower Upper

142 100

127 45.2 36.3 54.5

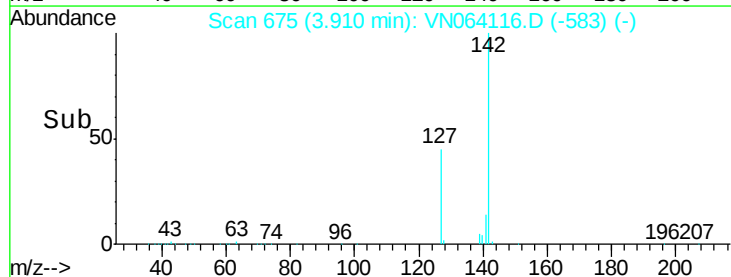
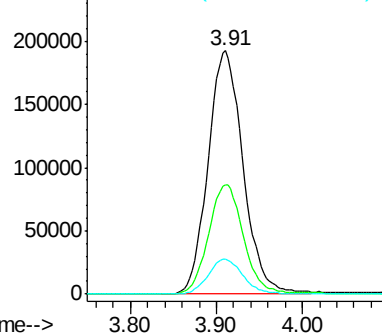
141 14.4 11.6 17.4

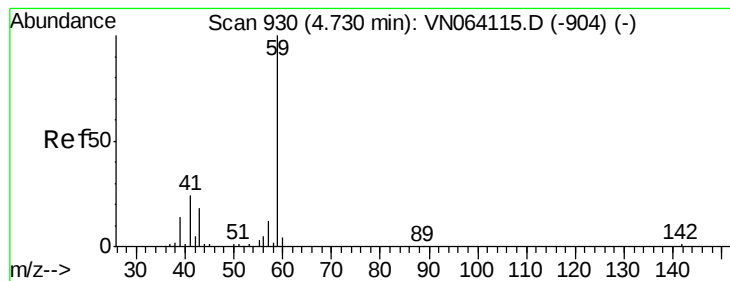


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 427.443 ug/l

RT: 4.73 min Scan# 929

Delta R.T. -0.00 min

Lab File: VN064116.D

Acq: 14 Oct 2020 15:53

Instrument :

MSVOA_N

ClientSampleId :

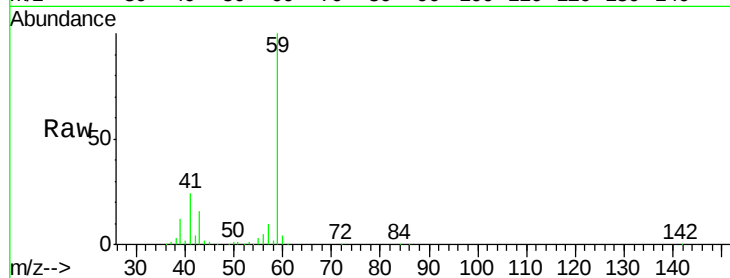
VSTDIC100

Tgt Ion: 59 Resp: 303885

Ion Ratio Lower Upper

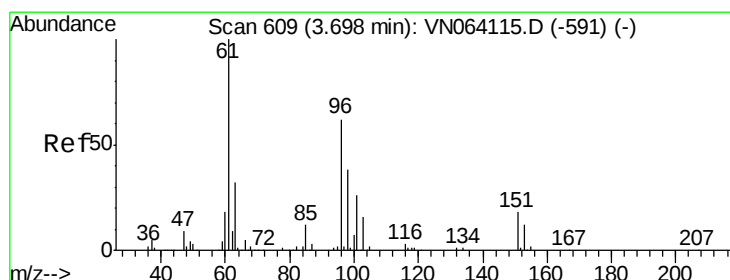
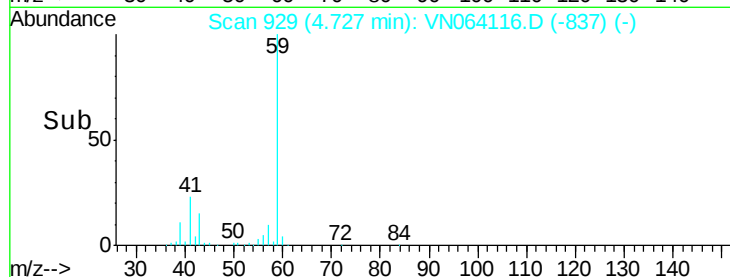
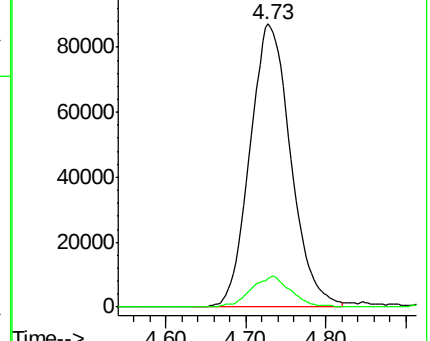
59 100

57 10.7 8.9 13.3



Abundance Ion 59.00 (58.70 to 59.70): VN064116.D (-837) (-)

Ion 57.00 (56.70 to 57.70): VN064116.D (-837) (-)



#12

1,1-Dichloroethene

Concen: 90.779 ug/l

RT: 3.70 min Scan# 609

Delta R.T. 0.00 min

Lab File: VN064116.D

Acq: 14 Oct 2020 15:53

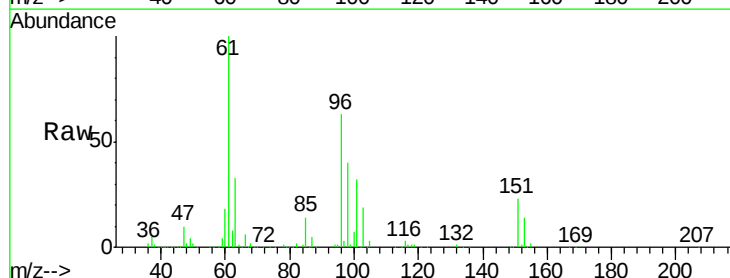
Tgt Ion: 96 Resp: 369505

Ion Ratio Lower Upper

96 100

61 159.8 129.9 194.9

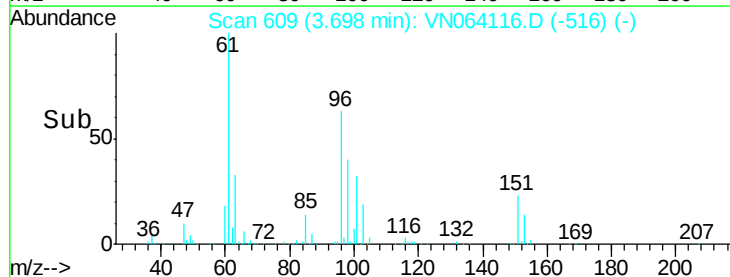
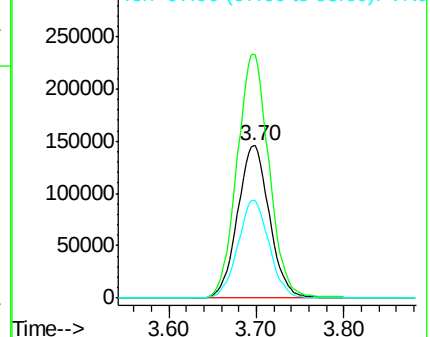
98 63.8 48.9 73.3

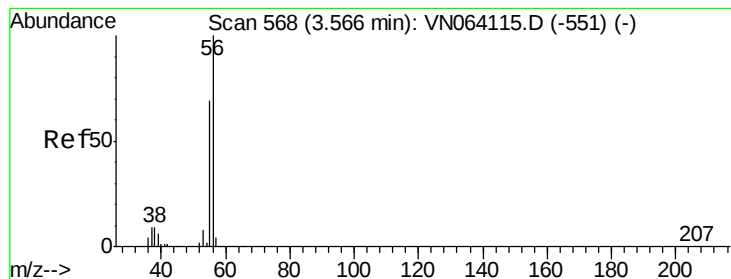


Abundance Ion 95.90 (95.60 to 96.60): VN064116.D (-516) (-)

Ion 60.90 (60.60 to 61.60): VN064116.D (-516) (-)

Ion 97.90 (97.60 to 98.60): VN064116.D (-516) (-)





#13

Acrolein

Concen: 530.795 ug/l

RT: 3.57 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN064116.D

Acq: 14 Oct 2020 15:53

Instrument :

MSVOA_N

ClientSampled :

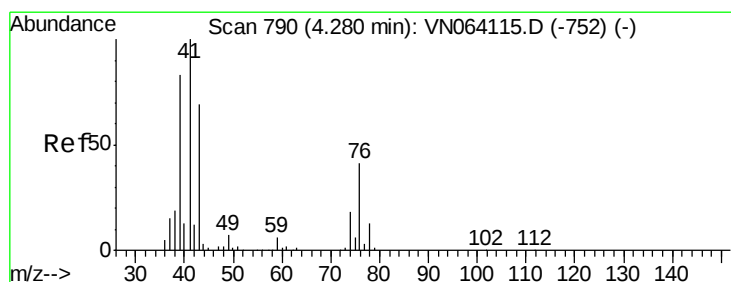
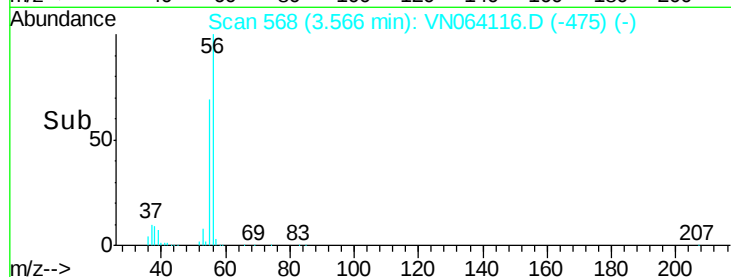
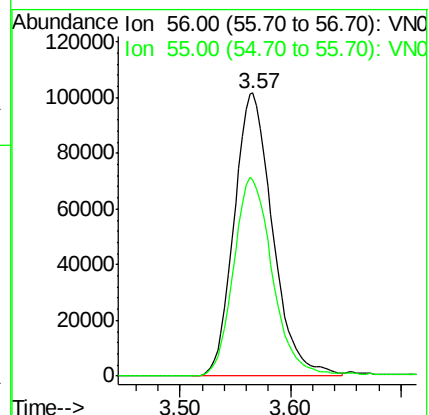
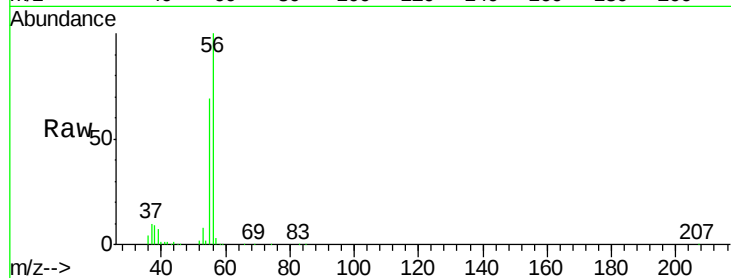
VSTDIC100

Tgt Ion: 56 Resp: 246281

Ion Ratio Lower Upper

56 100

55 70.3 55.8 83.6



#14

Allyl chloride

Concen: 79.289 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN064116.D

Acq: 14 Oct 2020 15:53

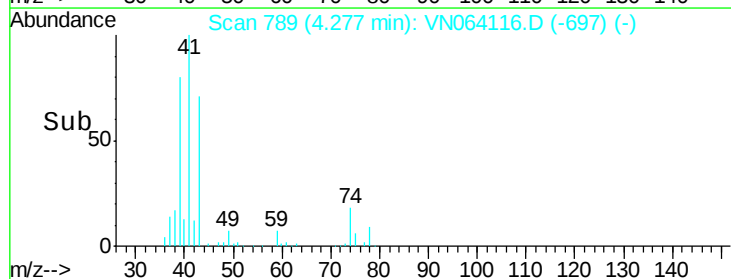
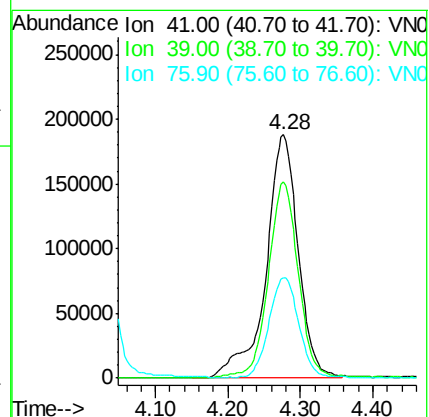
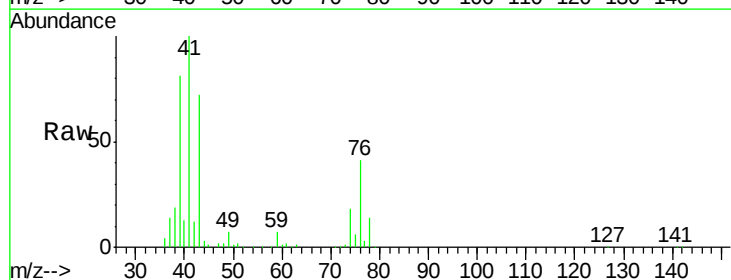
Tgt Ion: 41 Resp: 581884

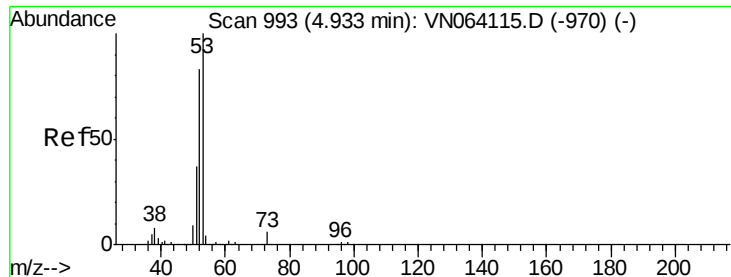
Ion Ratio Lower Upper

41 100

39 74.3 60.5 90.7

76 37.9 29.5 44.3





#15

Acrylonitrile

Concen: 422.701 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN064116.D

Acq: 14 Oct 2020 15:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

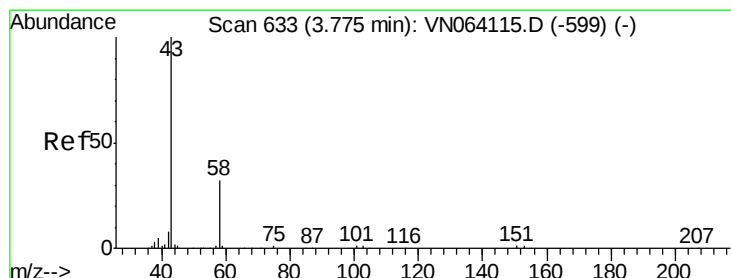
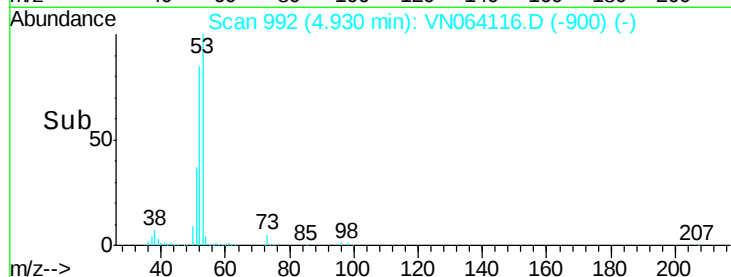
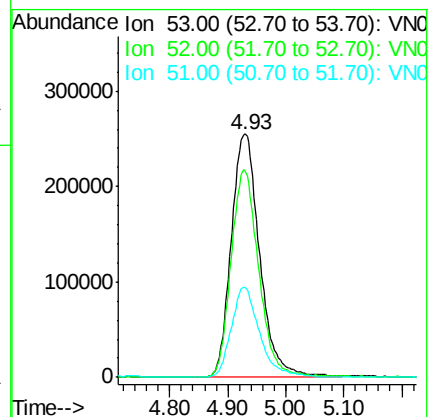
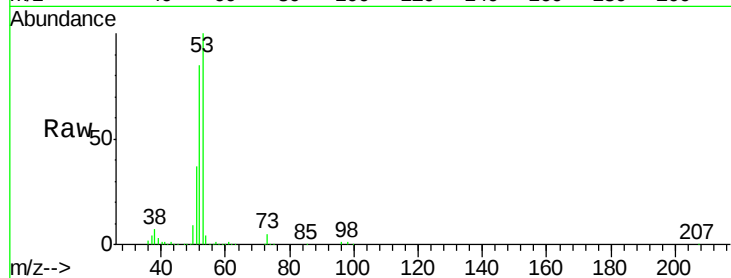
Tgt Ion: 53 Resp: 870090

Ion Ratio Lower Upper

53 100

52 82.7 65.8 98.6

51 36.9 29.4 44.2



#16

Acetone

Concen: 385.282 ug/l

RT: 3.77 min Scan# 632

Delta R.T. -0.00 min

Lab File: VN064116.D

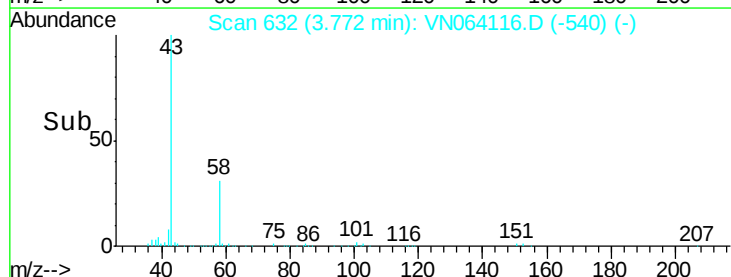
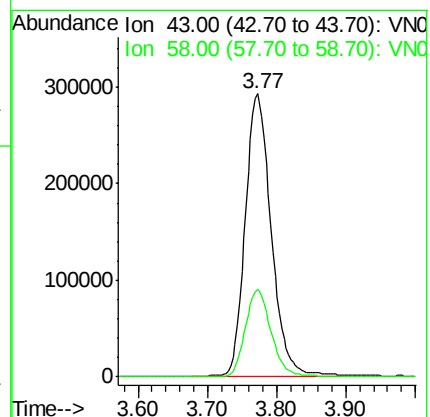
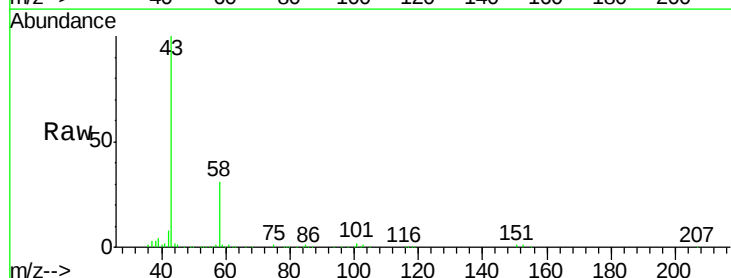
Acq: 14 Oct 2020 15:53

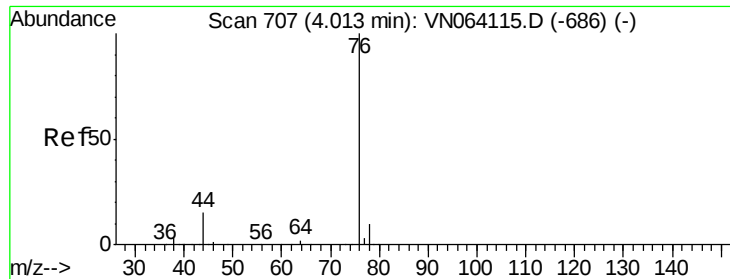
Tgt Ion: 43 Resp: 766451

Ion Ratio Lower Upper

43 100

58 30.7 25.2 37.8

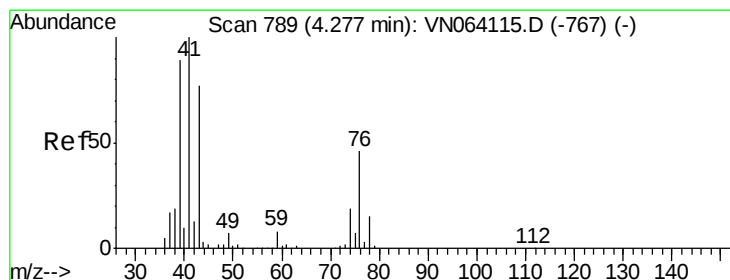
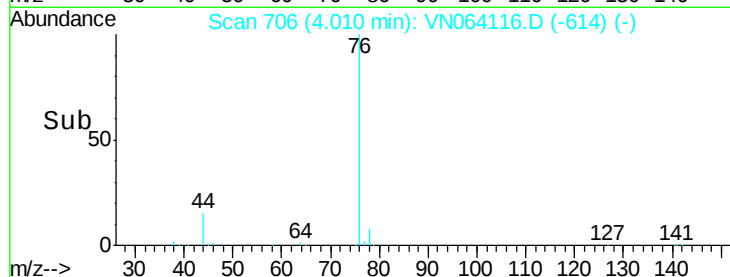
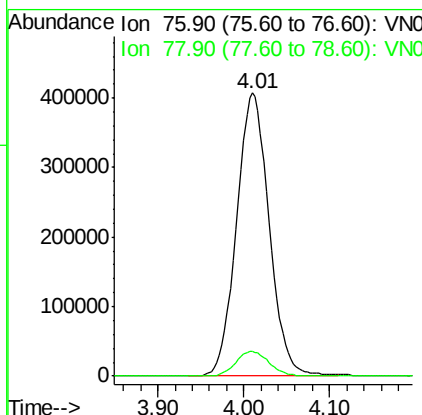
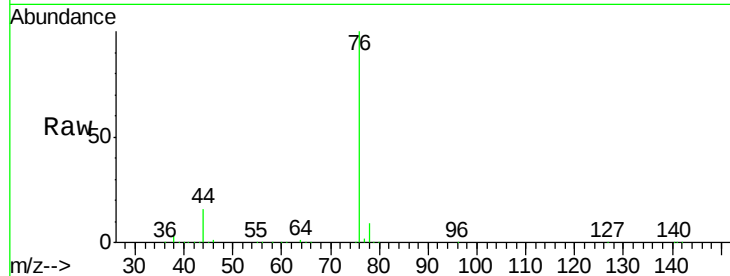




#17
Carbon Disulfide
Concen: 89.809 ug/l
RT: 4.01 min Scan# 706
Delta R.T. -0.00 min
Lab File: VN064116.D
Acq: 14 Oct 2020 15:53

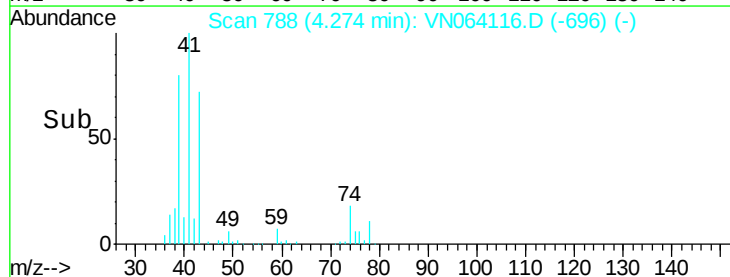
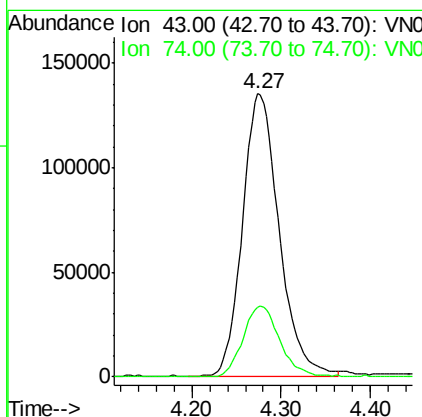
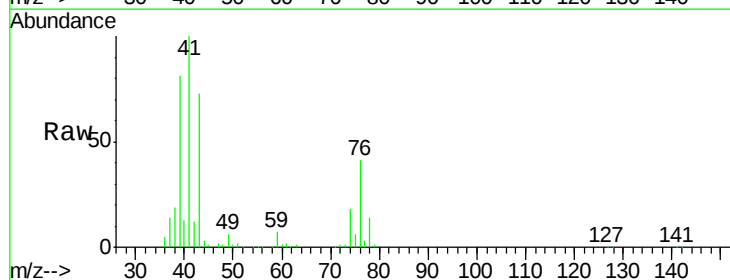
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

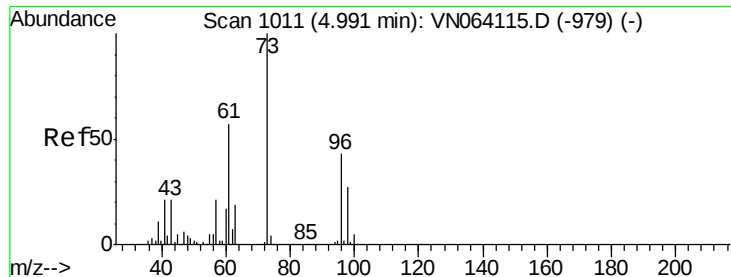
Tgt Ion: 76 Resp: 1072267
Ion Ratio Lower Upper
76 100
78 8.7 7.6 11.4



#18
Methyl Acetate
Concen: 74.708 ug/l
RT: 4.27 min Scan# 788
Delta R.T. -0.00 min
Lab File: VN064116.D
Acq: 14 Oct 2020 15:53

Tgt Ion: 43 Resp: 385287
Ion Ratio Lower Upper
43 100
74 25.4 19.7 29.5



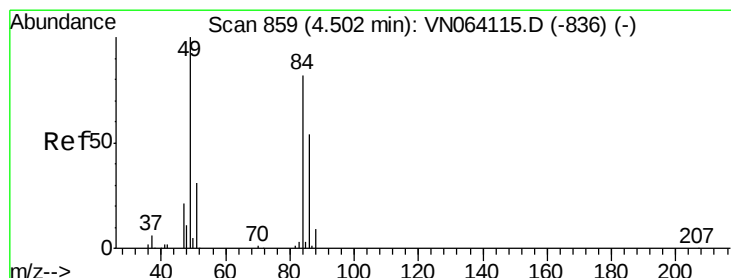
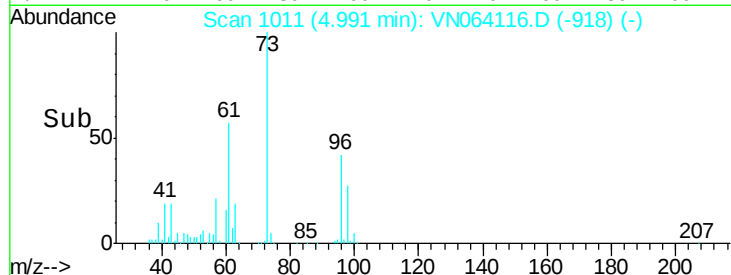
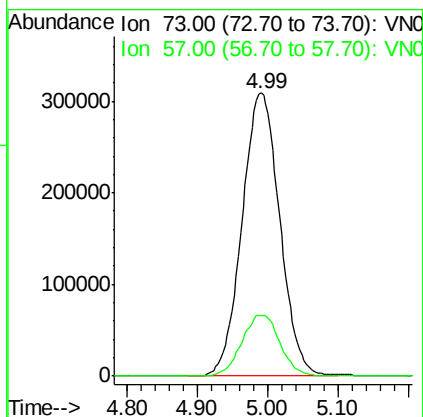
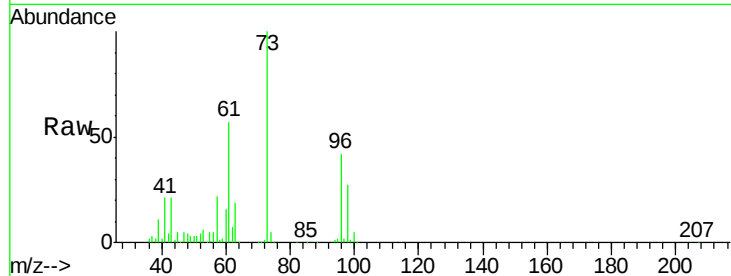


#19

Methyl tert-butyl Ether
 Concen: 80.110 ug/l
 RT: 4.99 min Scan# 1011
 Delta R.T. 0.00 min
 Lab File: VN064116.D
 Acq: 14 Oct 2020 15:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

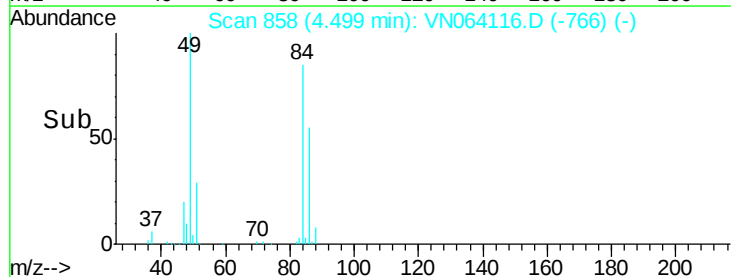
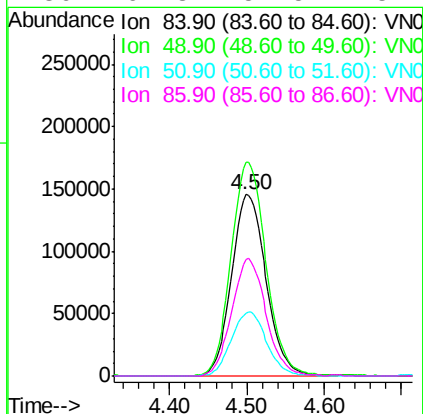
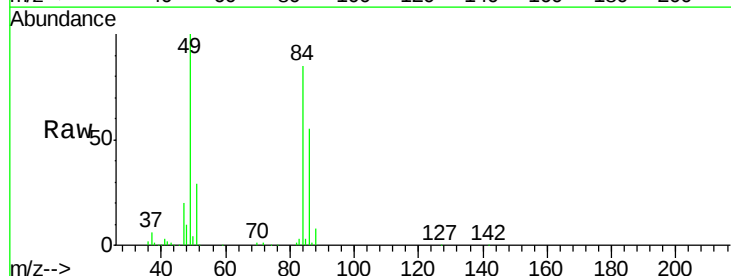
Tgt Ion: 73 Resp: 1150324
 Ion Ratio Lower Upper
 73 100
 57 21.6 17.0 25.4

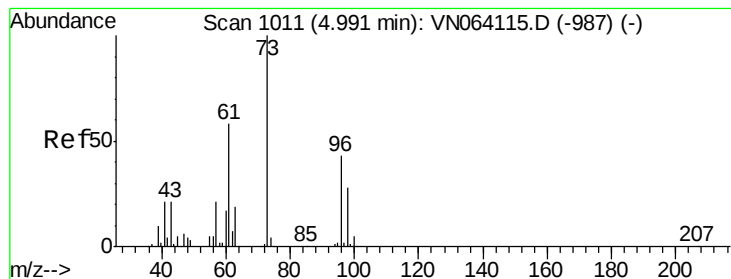


#20

Methylene Chloride
 Concen: 88.397 ug/l
 RT: 4.50 min Scan# 858
 Delta R.T. -0.00 min
 Lab File: VN064116.D
 Acq: 14 Oct 2020 15:53

Tgt Ion: 84 Resp: 451619
 Ion Ratio Lower Upper
 84 100
 49 117.9 97.4 146.0
 51 34.4 29.7 44.5
 86 64.3 52.5 78.7



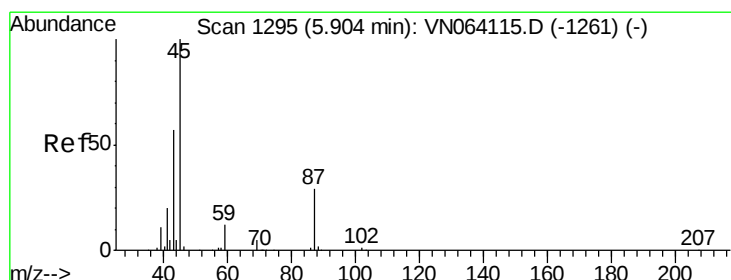
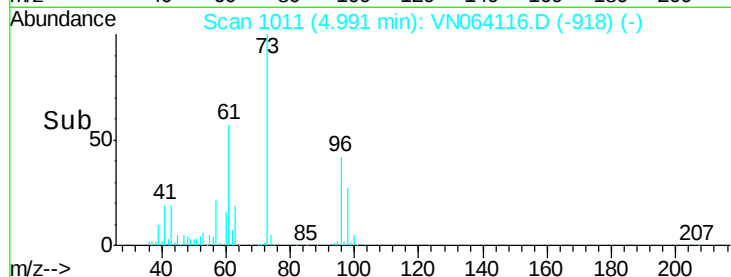
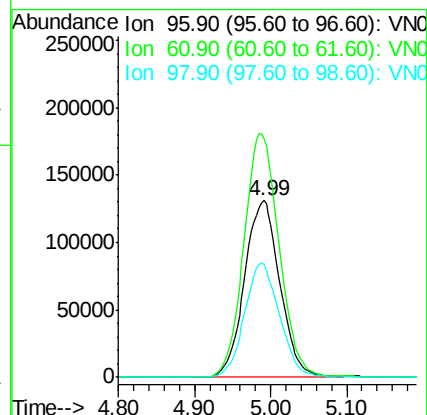
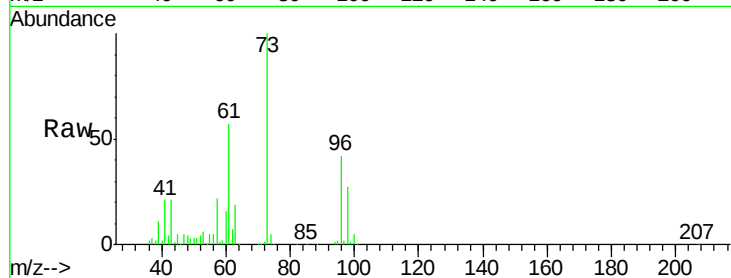


#21

trans-1,2-Dichloroethene
Concen: 92.328 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN064116.D
Acq: 14 Oct 2020 15:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

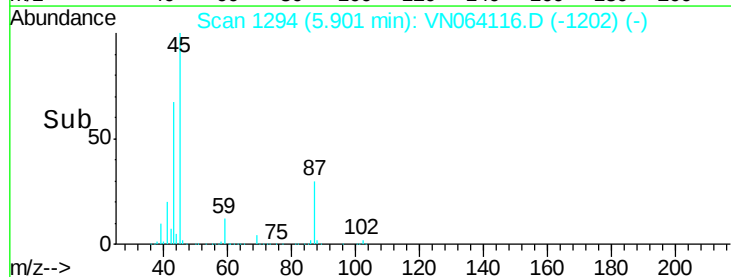
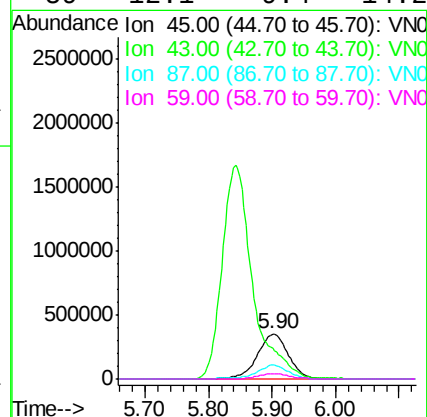
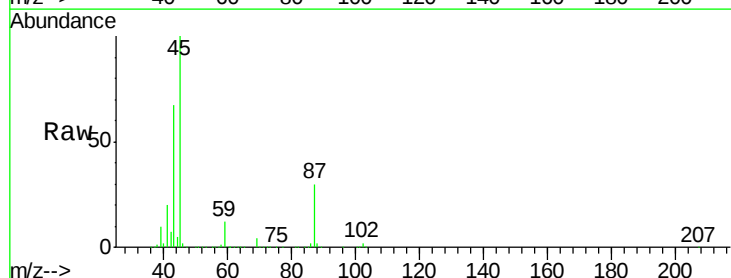
Tgt Ion: 96 Resp: 423666
Ion Ratio Lower Upper
96 100
61 135.0 107.0 160.4
98 63.8 51.0 76.6

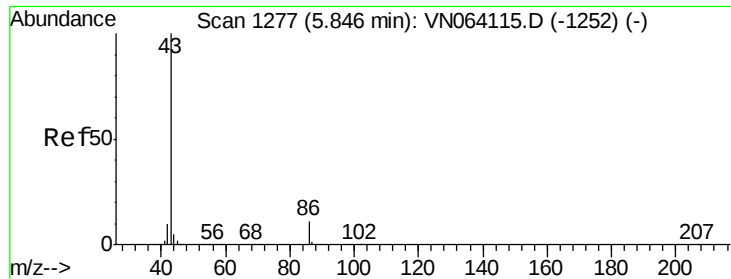


#22

Diisopropyl ether
Concen: 79.848 ug/l
RT: 5.90 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VN064116.D
Acq: 14 Oct 2020 15:53

Tgt Ion: 45 Resp: 1202307
Ion Ratio Lower Upper
45 100
43 66.8 50.9 76.3
87 30.3 23.5 35.3
59 12.1 9.4 14.2





#23

Vinyl Acetate

Concen: 441.407 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. -0.00 min

Lab File: VN064116.D

Acq: 14 Oct 2020 15:53

Instrument :

MSVOA_N

ClientSampleId :

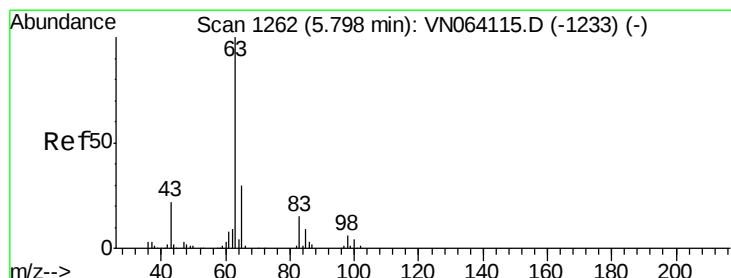
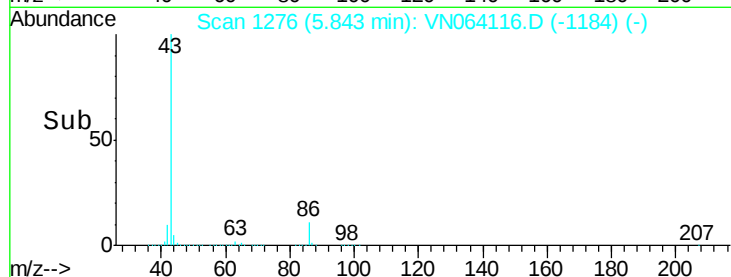
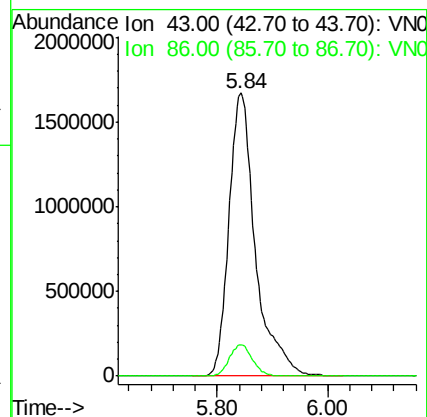
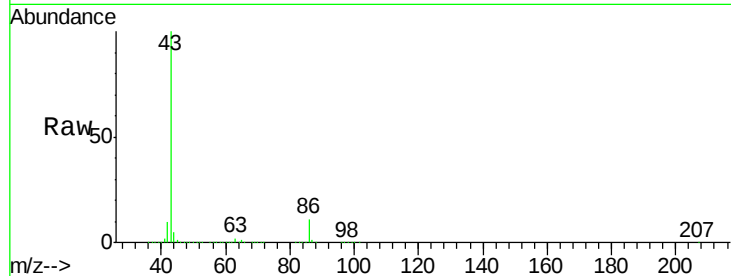
VSTDIC100

Tgt Ion: 43 Resp: 5562594

Ion Ratio Lower Upper

43 100

86 11.0 8.8 13.2



#24

1,1-Dichloroethane

Concen: 88.815 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. 0.00 min

Lab File: VN064116.D

Acq: 14 Oct 2020 15:53

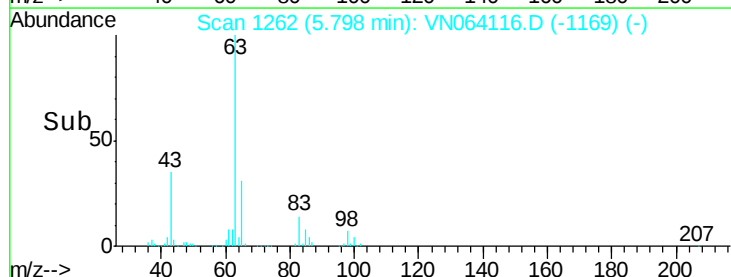
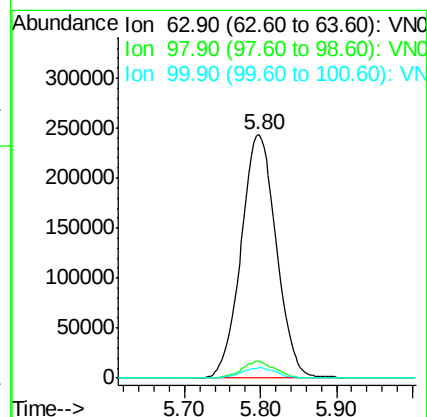
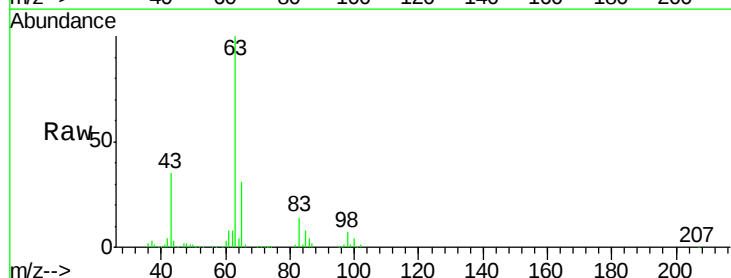
Tgt Ion: 63 Resp: 783201

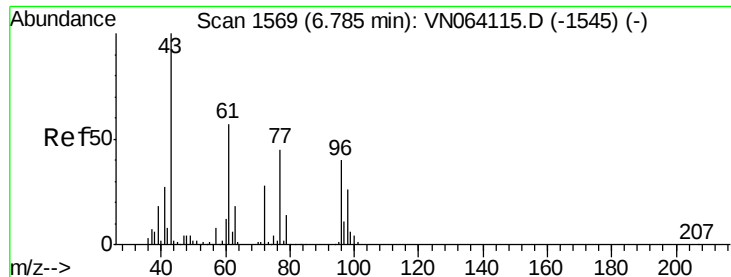
Ion Ratio Lower Upper

63 100

98 6.8 3.1 9.3

100 4.2 2.1 6.2

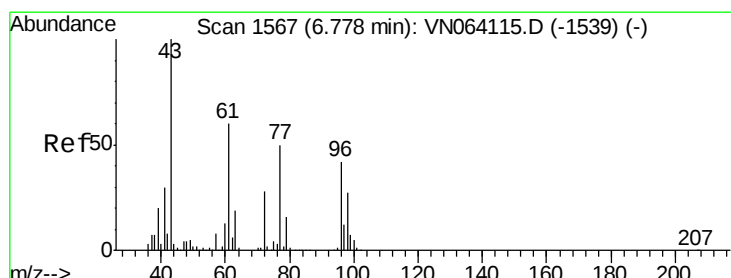
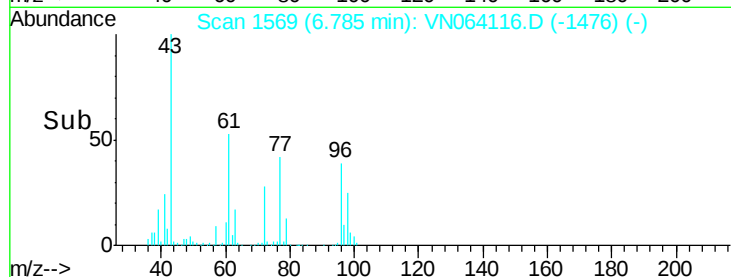
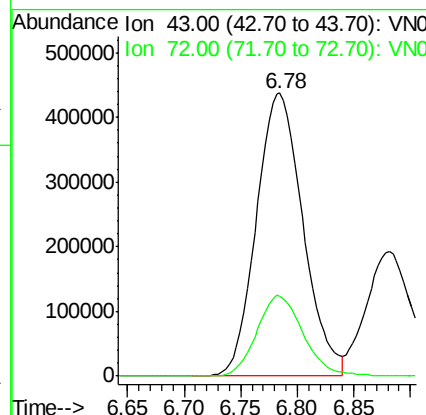
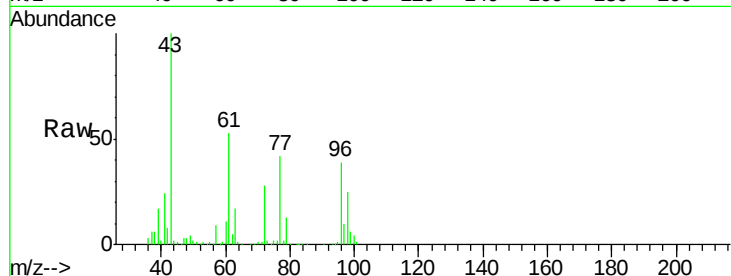




#25
2-Butanone
Concen: 437.939 ug/l
RT: 6.78 min Scan# 1569
Delta R.T. 0.00 min
Lab File: VN064116.D
Acq: 14 Oct 2020 15:53

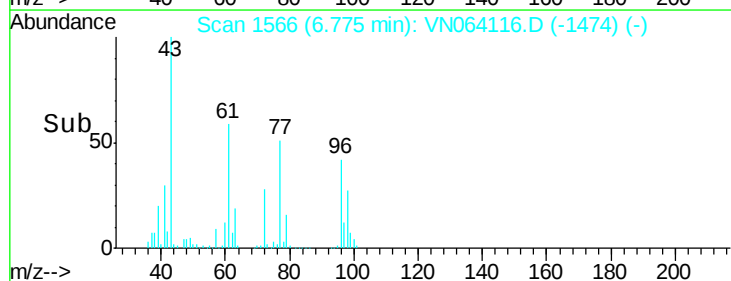
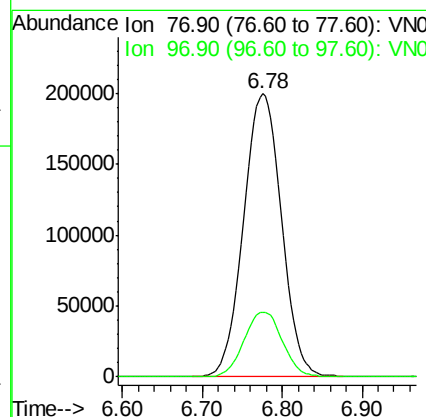
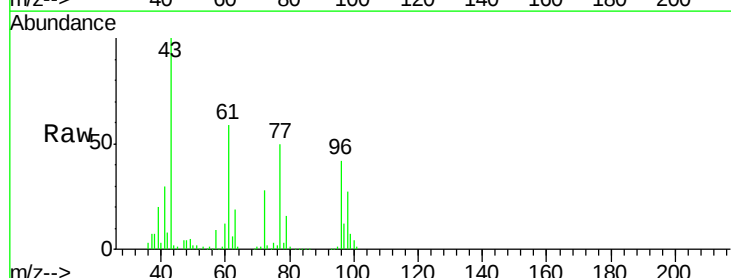
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

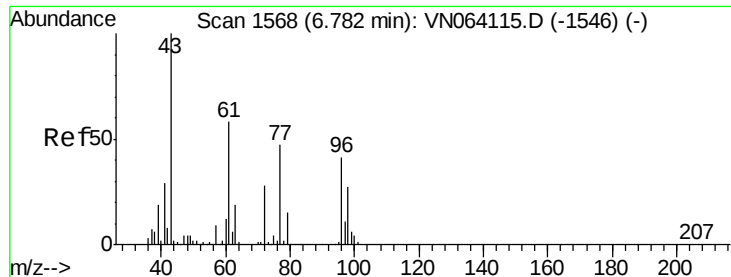
Tgt Ion: 43 Resp: 1247238
Ion Ratio Lower Upper
43 100
72 28.3 22.2 33.2



#26
2,2-Dichloropropane
Concen: 81.036 ug/l
RT: 6.78 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VN064116.D
Acq: 14 Oct 2020 15:53

Tgt Ion: 77 Resp: 643464
Ion Ratio Lower Upper
77 100
97 23.2 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 95.158 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN064116.D

Acq: 14 Oct 2020 15:53

Instrument :

MSVOA_N

ClientSampled :

VSTDIC100

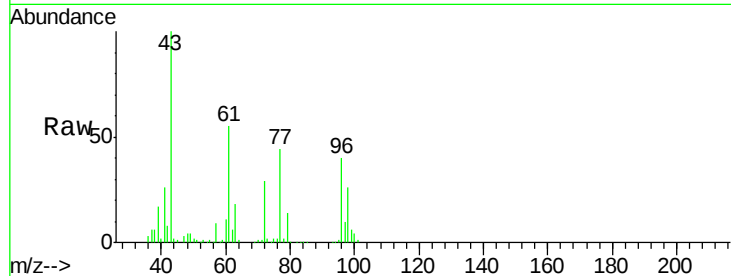
Tgt Ion: 96 Resp: 501382

Ion Ratio Lower Upper

96 100

61 140.4 0.0 285.6

98 65.0 0.0 131.0

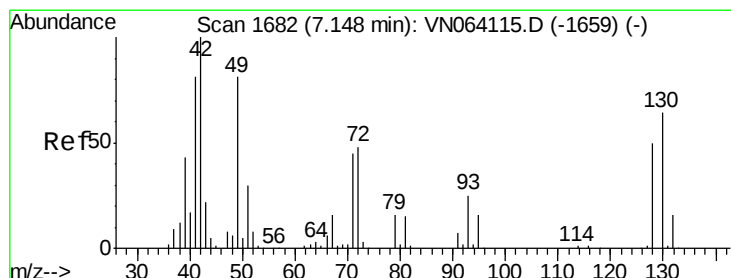
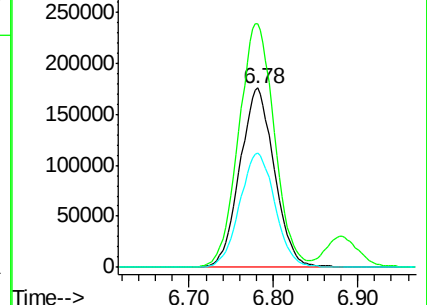
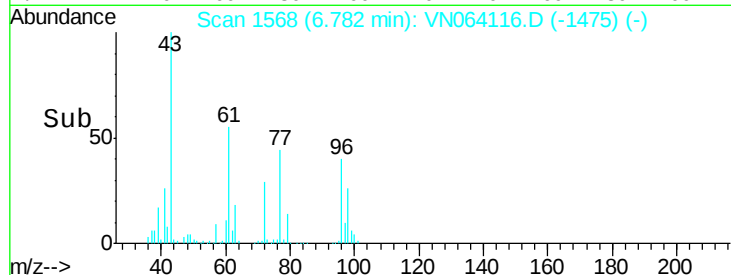


Abundance Ion 95.90 (95.60 to 96.60): VN064116.D (-1475) (-)

Ion 60.90 (60.60 to 61.60): VN064116.D (-1475) (-)

Ion 97.90 (97.60 to 98.60): VN064116.D (-1475) (-)

Time-->



#28

Bromochloromethane

Concen: 91.618 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VN064116.D

Acq: 14 Oct 2020 15:53

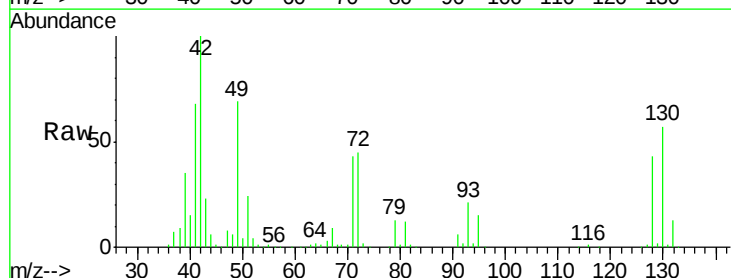
Tgt Ion: 49 Resp: 392917

Ion Ratio Lower Upper

49 100

129 2.2 0.0 2.0#

130 80.3 0.0 0.0#

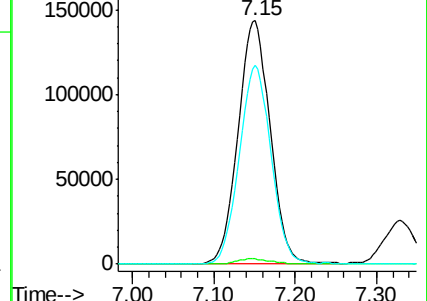
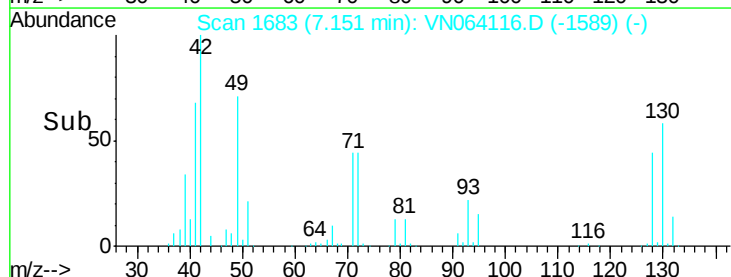


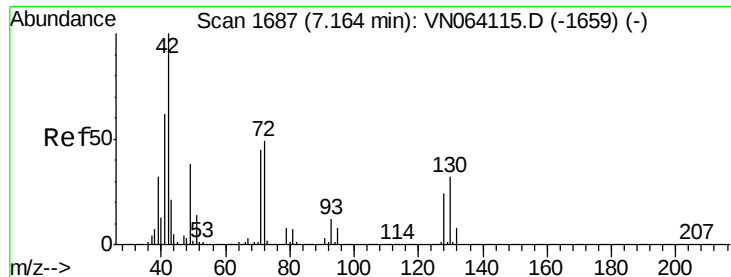
Abundance Ion 48.90 (48.60 to 49.60): VN064116.D (-1589) (-)

Ion 128.80 (128.50 to 129.50): VN064116.D (-1589) (-)

Ion 129.80 (129.50 to 130.50): VN064116.D (-1589) (-)

Time-->

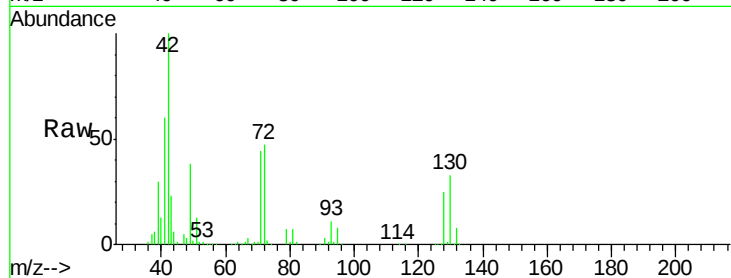




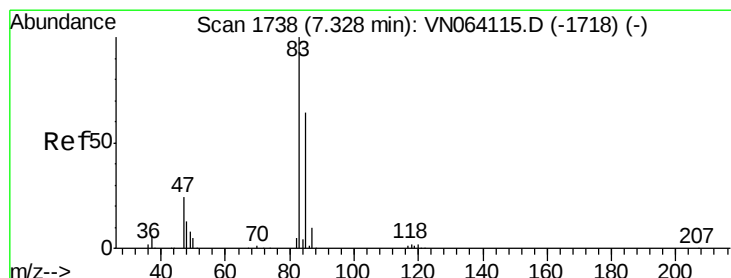
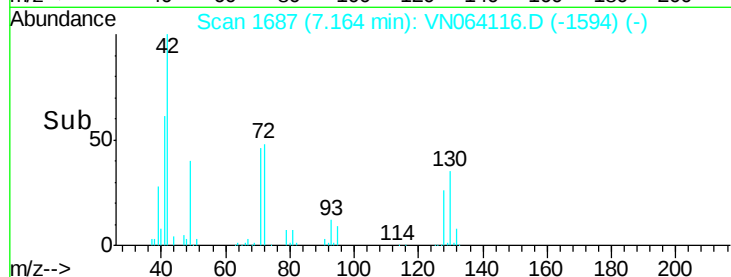
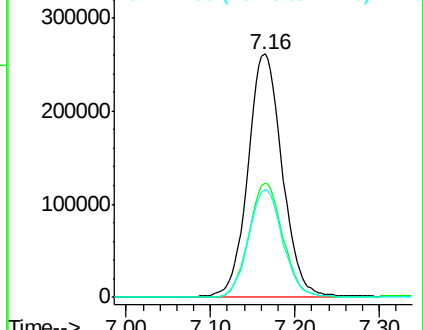
#29
Tetrahydrofuran
Concen: 391.196 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VN064116.D
Acq: 14 Oct 2020 15:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 42 Resp: 736755
Ion Ratio Lower Upper
42 100
72 46.6 37.8 56.6
71 44.5 35.3 52.9

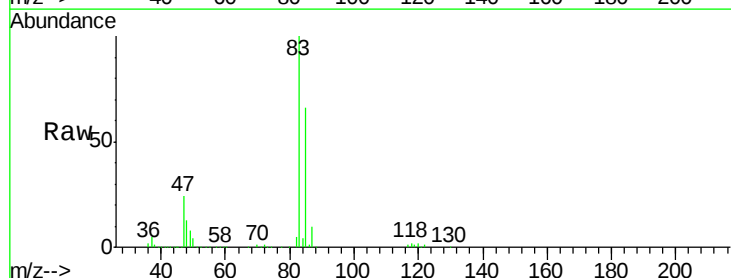


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

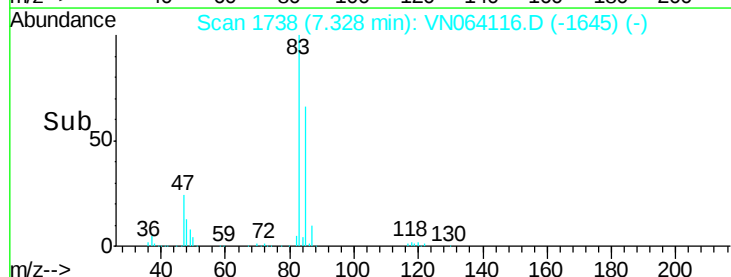
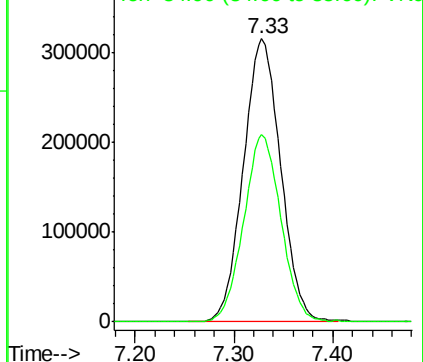


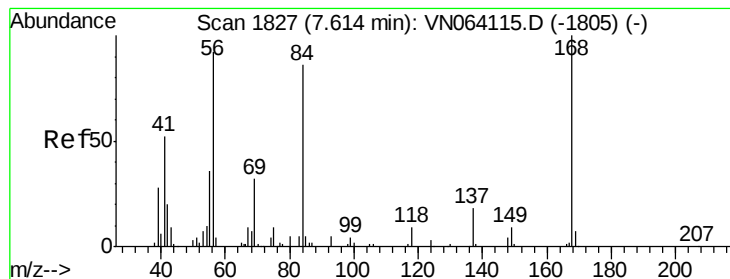
#30
Chloroform
Concen: 89.129 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN064116.D
Acq: 14 Oct 2020 15:53

Tgt Ion: 83 Resp: 824586
Ion Ratio Lower Upper
83 100
85 66.2 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 76.256 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN064116.D

Acq: 14 Oct 2020 15:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

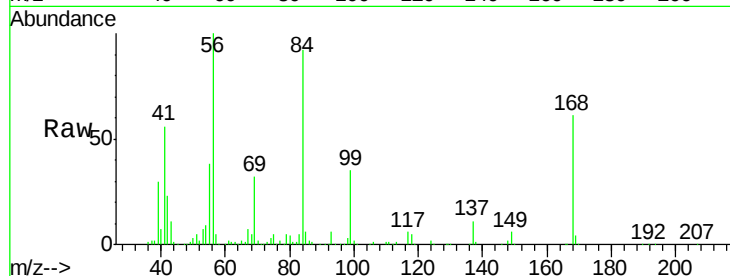
Tgt Ion: 56 Resp: 572107

Ion Ratio Lower Upper

56 100

69 32.3 27.8 41.6

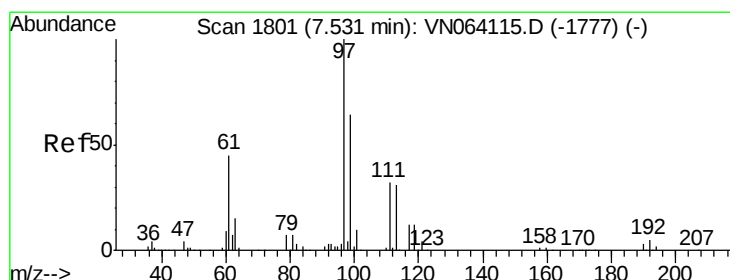
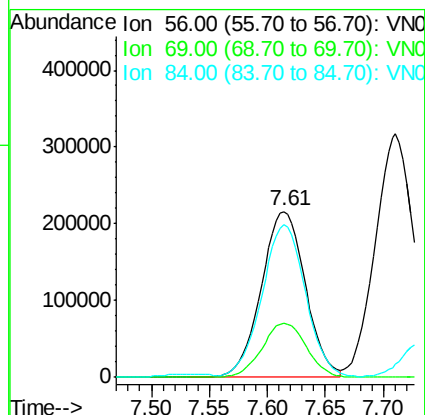
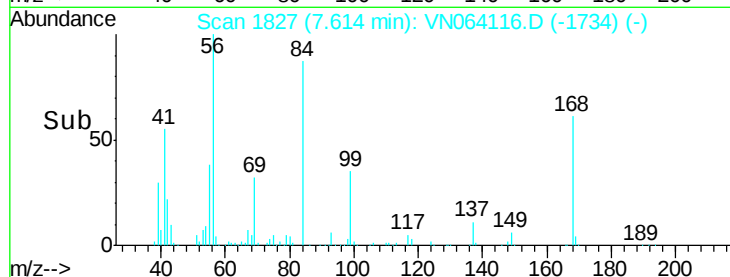
84 90.0 73.2 109.8



Abundance Ion 56.00 (55.70 to 56.70): VN064116.D (-1734) (-)

Ion 69.00 (68.70 to 69.70): VN064116.D (-1734) (-)

Ion 84.00 (83.70 to 84.70): VN064116.D (-1734) (-)



#32

1,1,1-Trichloroethane

Concen: 88.418 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VN064116.D

Acq: 14 Oct 2020 15:53

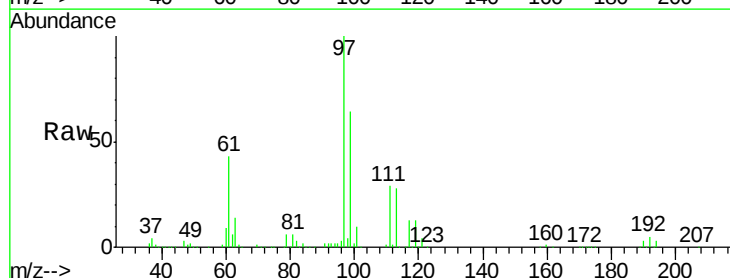
Tgt Ion: 97 Resp: 731985

Ion Ratio Lower Upper

97 100

99 64.8 50.2 75.2

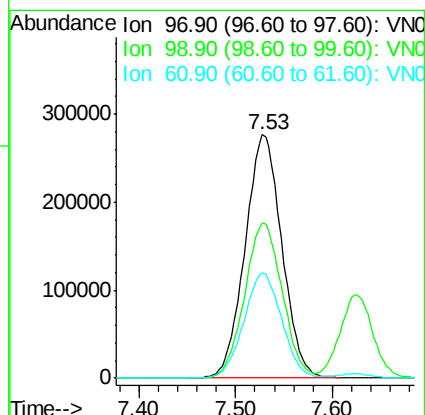
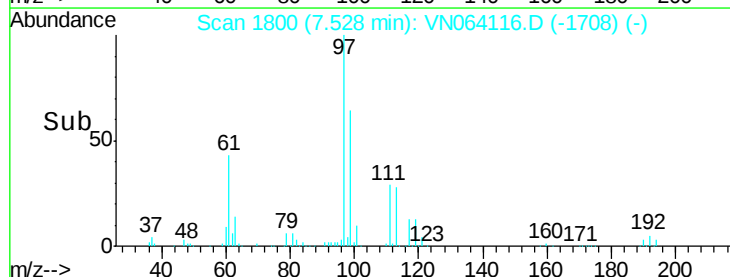
61 44.2 35.6 53.4

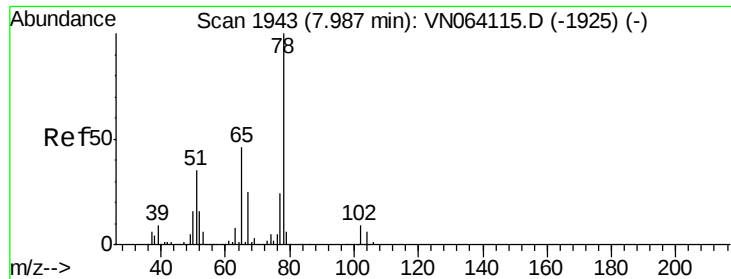


Abundance Ion 96.90 (96.60 to 97.60): VN064116.D (-1708) (-)

Ion 98.90 (98.60 to 99.60): VN064116.D (-1708) (-)

Ion 60.90 (60.60 to 61.60): VN064116.D (-1708) (-)





#33

1,2-Dichloroethane-d4

Concen: 83.794 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064116.D

Acq: 14 Oct 2020 15:53

Instrument :

MSVOA_N

ClientSampleId :

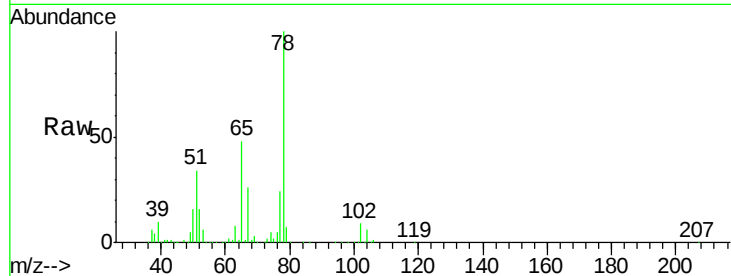
VSTDIC100

Tgt Ion: 65 Resp: 539596

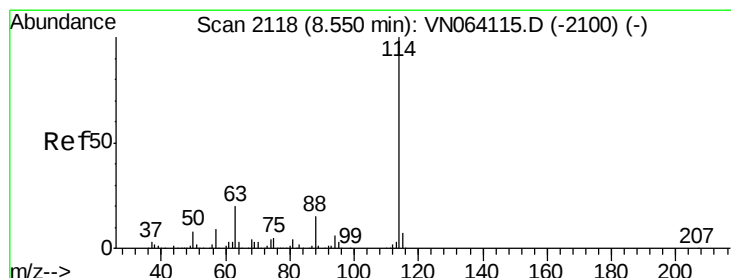
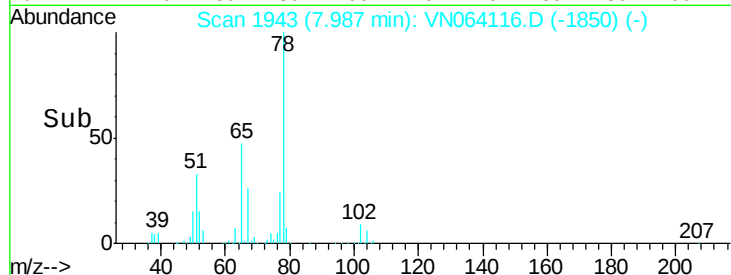
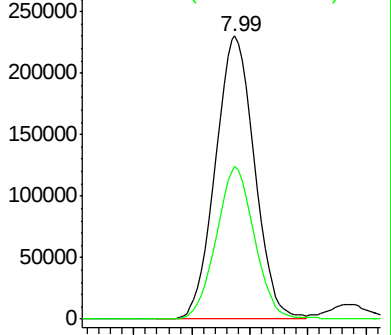
Ion Ratio Lower Upper

65 100

67 52.4 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VN064116.D (-1850) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN064116.D

Acq: 14 Oct 2020 15:53

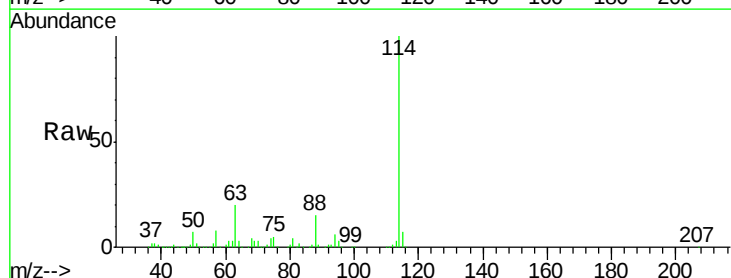
Tgt Ion: 114 Resp: 639764

Ion Ratio Lower Upper

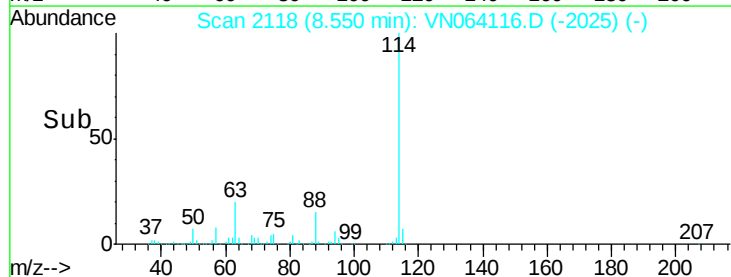
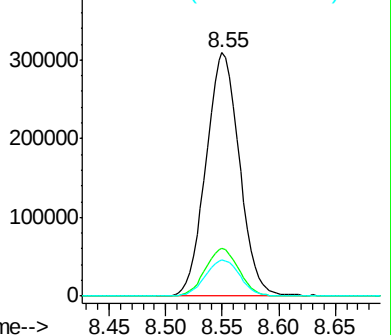
114 100

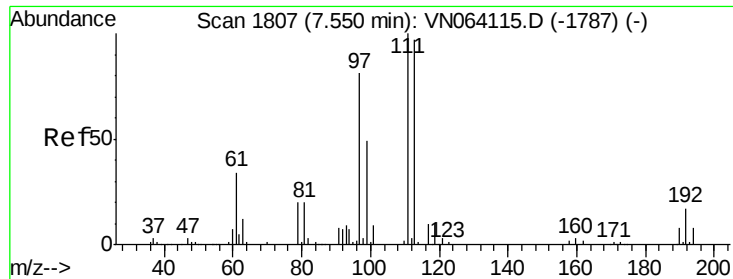
63 19.7 0.0 41.0

88 14.8 0.0 29.2



Abundance Ion 113.90 (113.60 to 114.60): VN064116.D (-2025) (-)

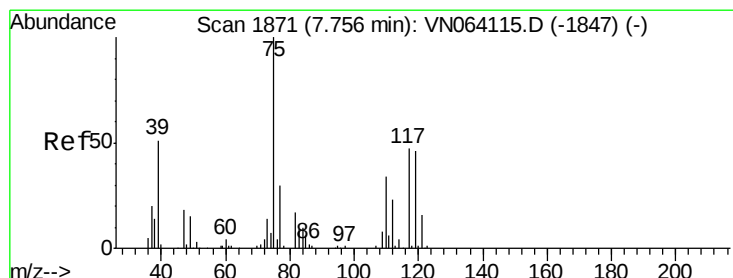
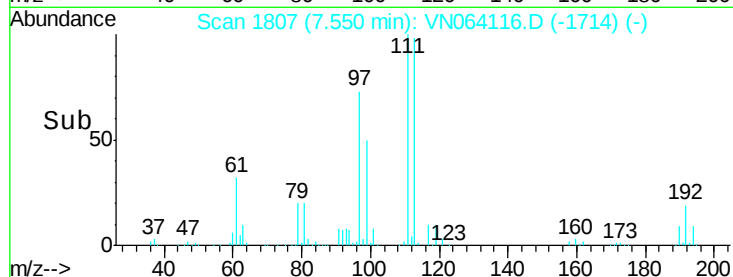
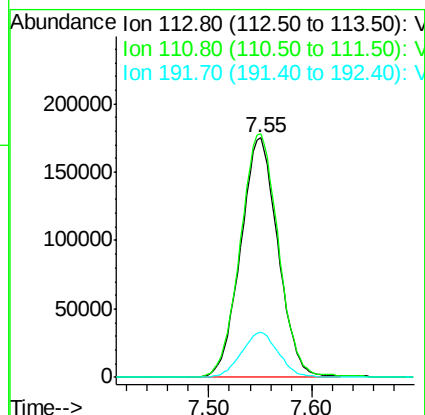
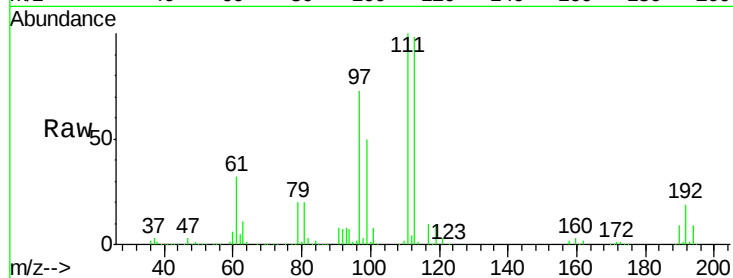




#35
 Dibromofluoromethane
 Concen: 99.726 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064116.D
 Acq: 14 Oct 2020 15:53

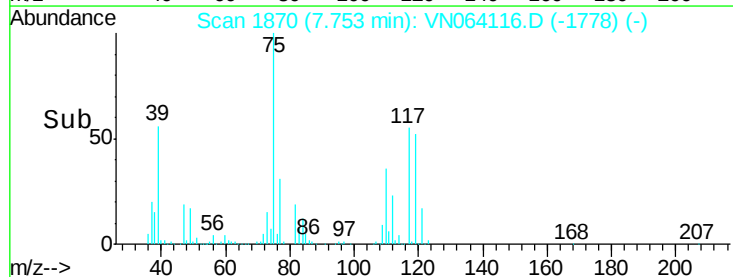
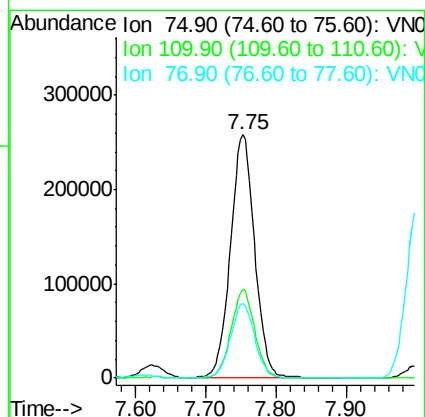
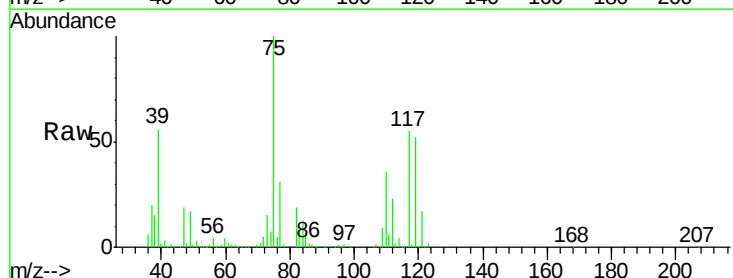
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

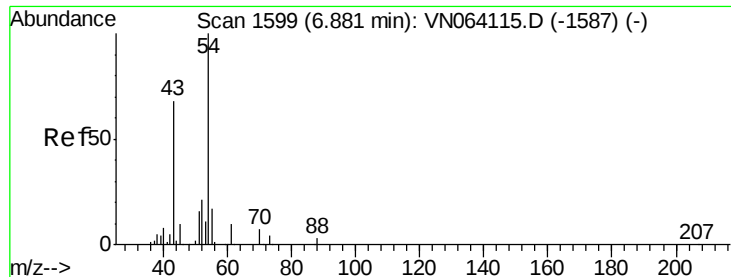
Tgt Ion: 113 Resp: 439570
 Ion Ratio Lower Upper
 113 100
 111 104.3 81.9 122.9
 192 18.8 14.3 21.5



#36
 1,1-Dichloropropene
 Concen: 95.428 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN064116.D
 Acq: 14 Oct 2020 15:53

Tgt Ion: 75 Resp: 617393
 Ion Ratio Lower Upper
 75 100
 110 35.8 17.8 53.3
 77 31.0 24.9 37.3

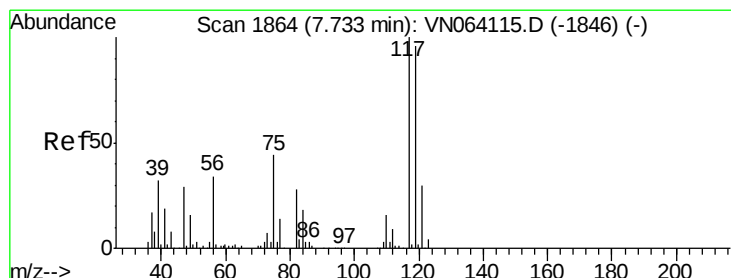
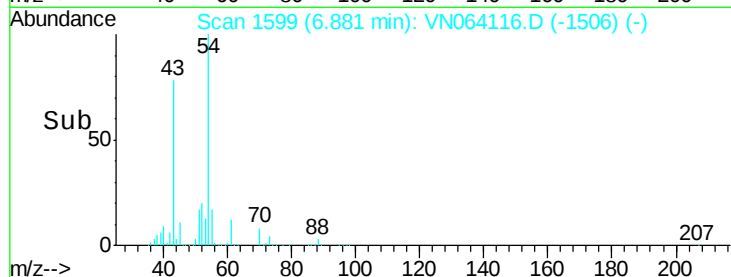
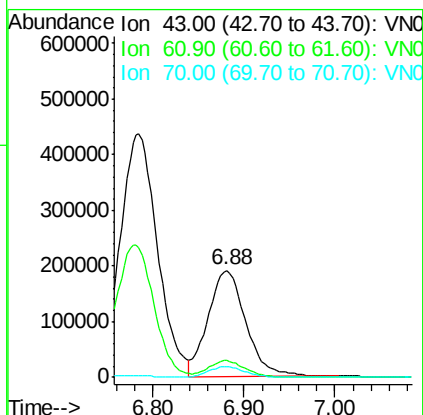
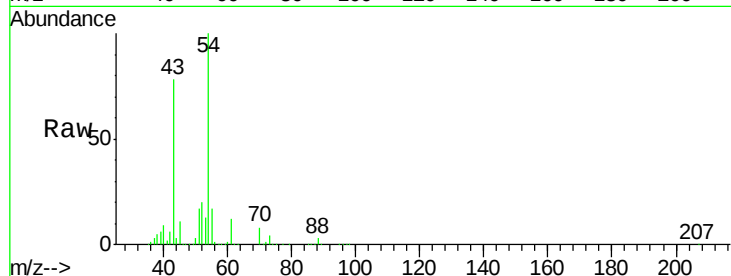




#37
Ethyl Acetate
Concen: 86.845 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VN064116.D
Acq: 14 Oct 2020 15:53

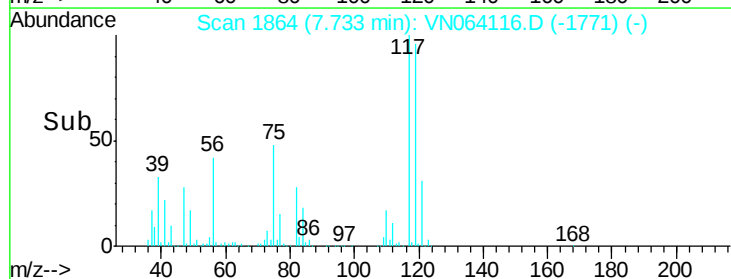
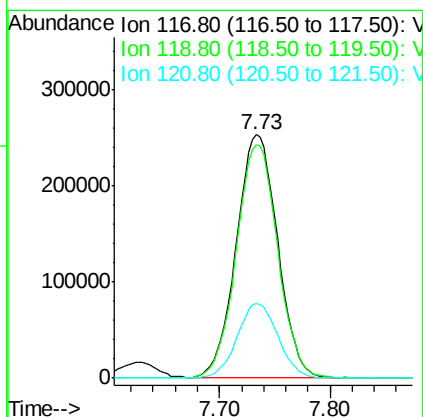
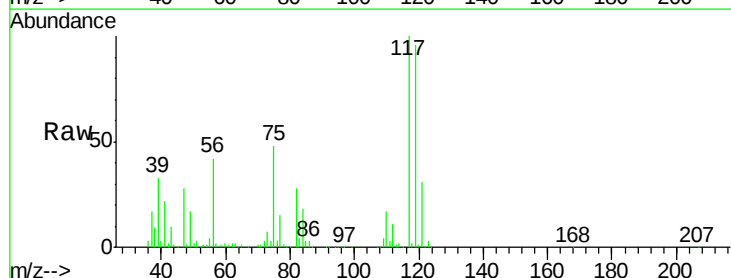
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

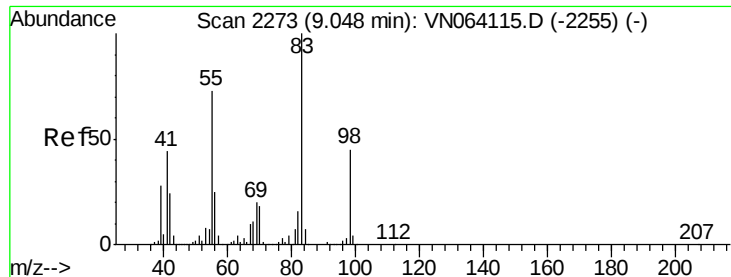
Tgt Ion: 43 Resp: 550615
Ion Ratio Lower Upper
43 100
61 14.9 11.3 16.9
70 9.6 7.7 11.5



#38
Carbon Tetrachloride
Concen: 90.707 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN064116.D
Acq: 14 Oct 2020 15:53

Tgt Ion: 117 Resp: 653879
Ion Ratio Lower Upper
117 100
119 95.8 77.0 115.4
121 30.7 24.2 36.4

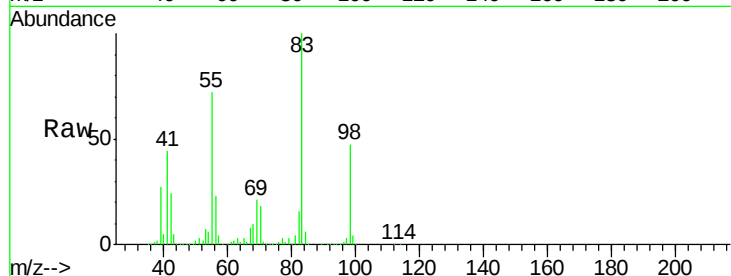




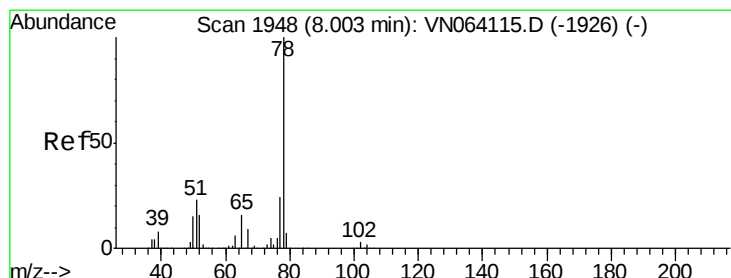
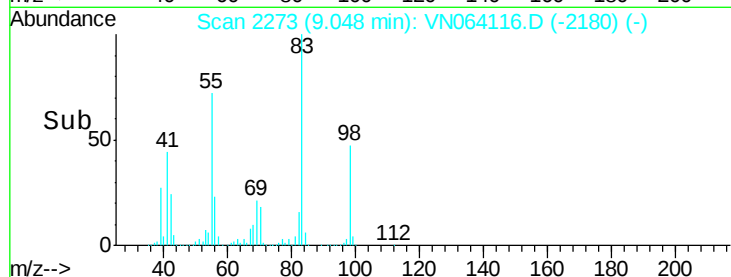
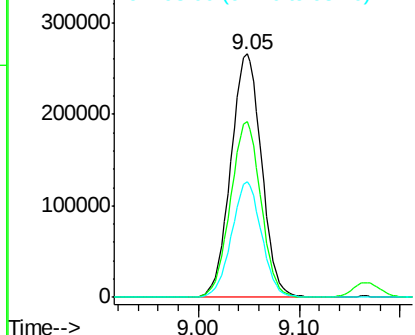
#39
Methylcyclohexane
Concen: 89.371 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN064116.D
Acq: 14 Oct 2020 15:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 83 Resp: 562593
Ion Ratio Lower Upper
83 100
55 72.1 58.5 87.7
98 47.4 36.2 54.2

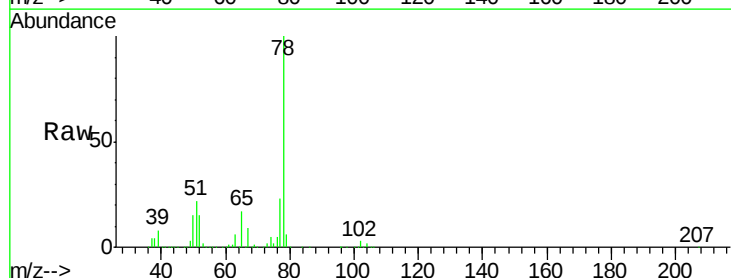


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

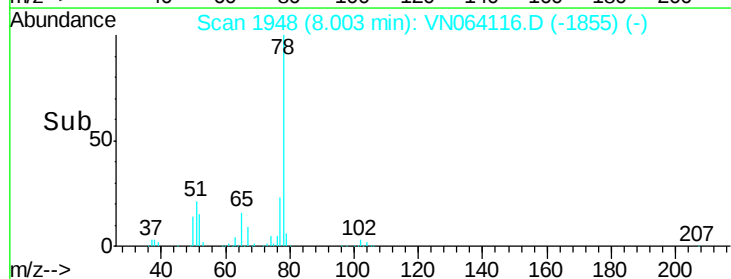
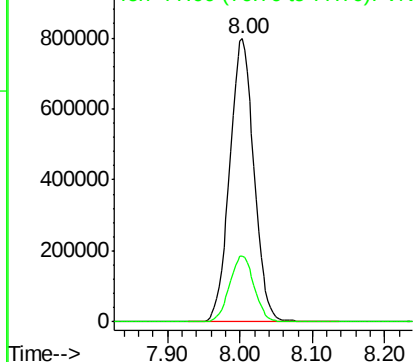


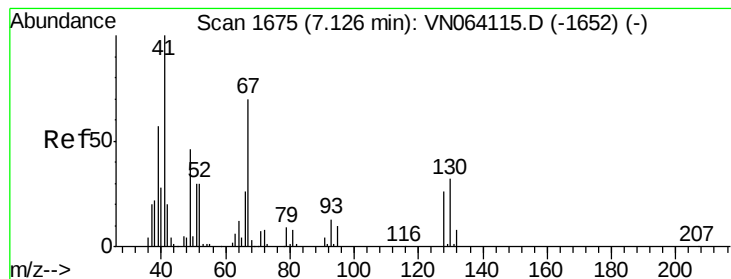
#40
Benzene
Concen: 99.649 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN064116.D
Acq: 14 Oct 2020 15:53

Tgt Ion: 78 Resp: 1860159
Ion Ratio Lower Upper
78 100
77 23.4 19.3 28.9



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0





#41

Methacrylonitrile

Concen: 94.835 ug/l

RT: 7.12 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VN064116.D

Acq: 14 Oct 2020 15:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tgt Ion: 41 Resp: 260780

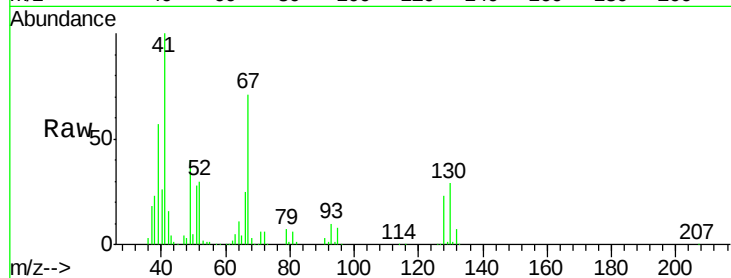
Ion Ratio Lower Upper

41 100

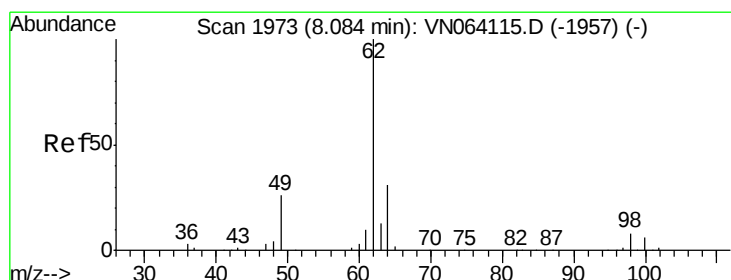
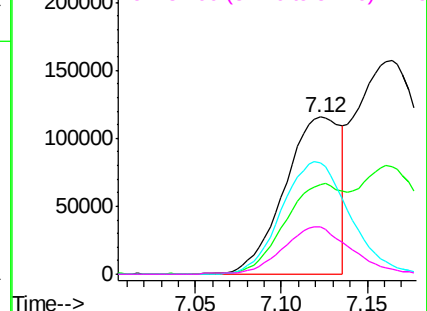
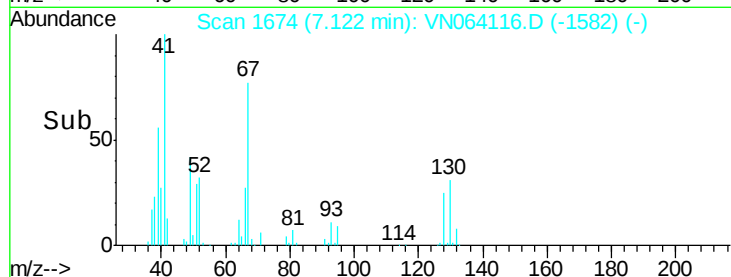
39 61.4 50.7 76.1

67 88.0 73.8 110.6

52 36.0 32.2 48.4



Abundance Ion 41.00 (40.70 to 41.70): VN064116.D (-1582) (-)



#42

1,2-Dichloroethane

Concen: 84.088 ug/l

RT: 8.08 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VN064116.D

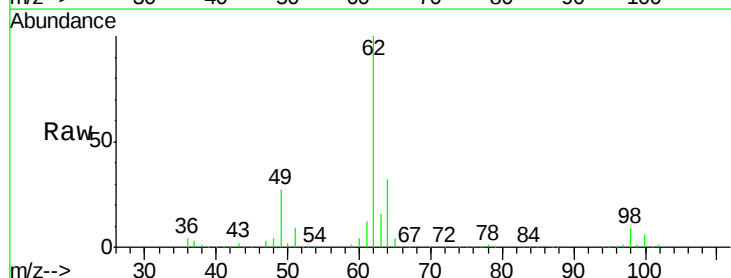
Acq: 14 Oct 2020 15:53

Tgt Ion: 62 Resp: 652314

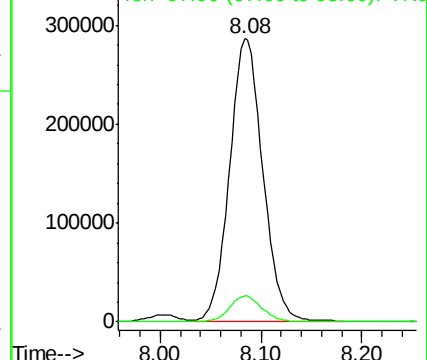
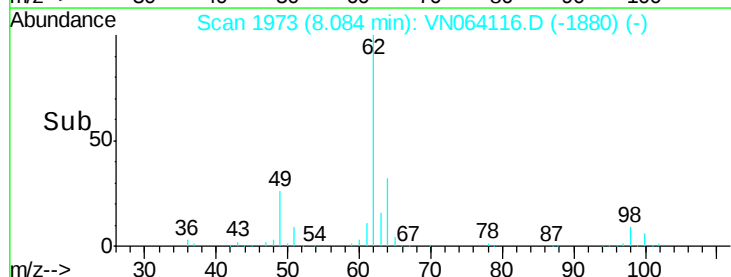
Ion Ratio Lower Upper

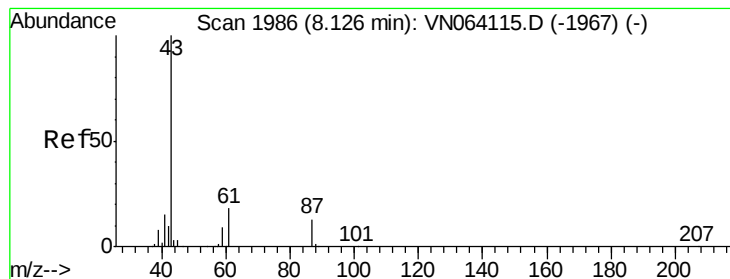
62 100

98 9.1 0.0 17.6



Abundance Ion 61.90 (61.60 to 62.60): VN064116.D (-1880) (-)





#43

Isopropyl Acetate

Concen: 90.141 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN064116.D

Acq: 14 Oct 2020 15:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

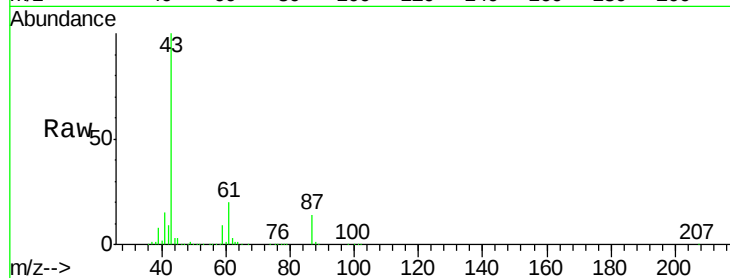
Tgt Ion: 43 Resp: 931123

Ion Ratio Lower Upper

43 100

61 20.6 21.9 32.9#

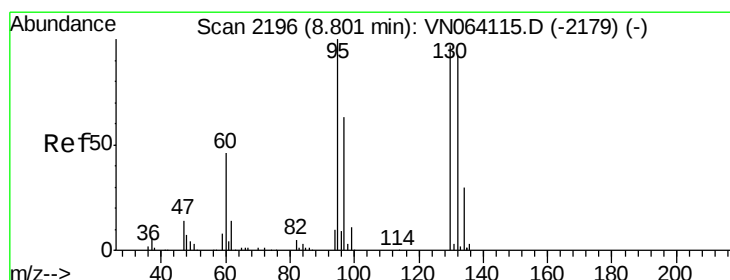
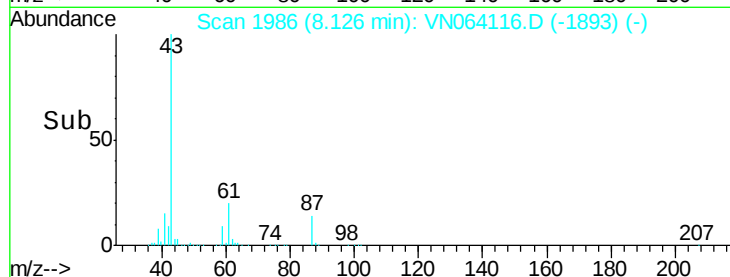
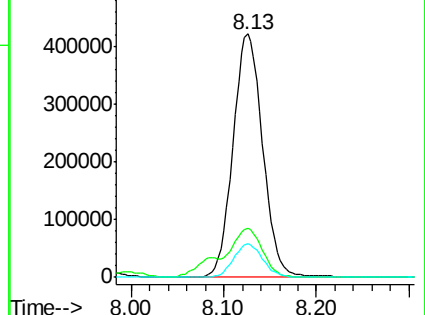
87 13.7 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VN064116.D (-1893) (-)

Ion 61.00 (60.70 to 61.70): VN064116.D (-1893) (-)

Ion 87.00 (86.70 to 87.70): VN064116.D (-1893) (-)



#44

Trichloroethene

Concen: 100.555 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN064116.D

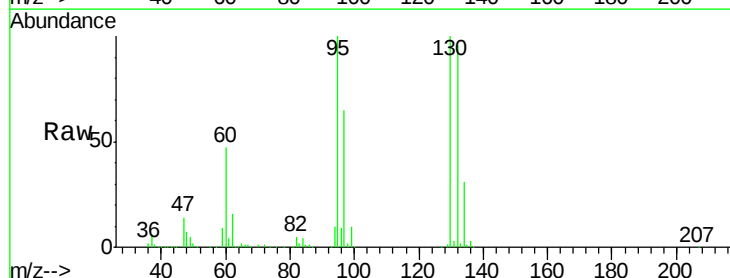
Acq: 14 Oct 2020 15:53

Tgt Ion: 130 Resp: 493420

Ion Ratio Lower Upper

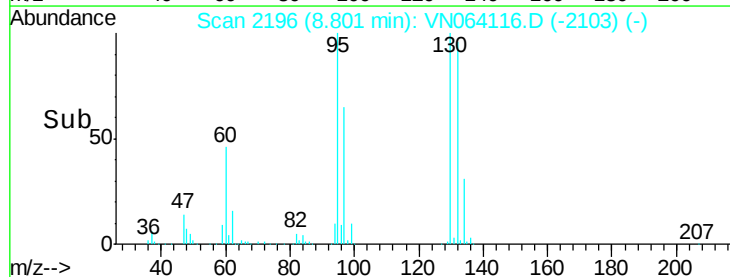
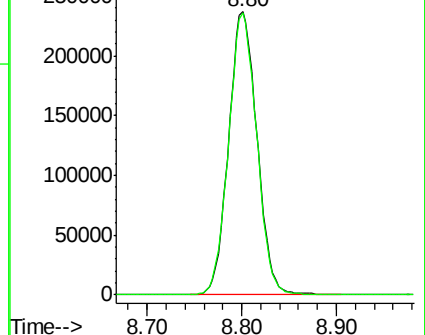
130 100

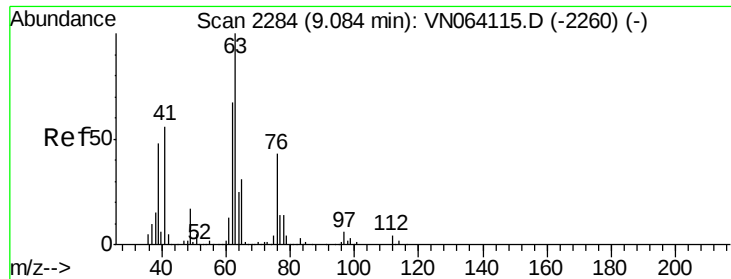
95 99.5 0.0 206.2



Abundance Ion 129.80 (129.50 to 130.50): VN064116.D (-2103) (-)

Ion 94.90 (94.60 to 95.60): VN064116.D (-2103) (-)

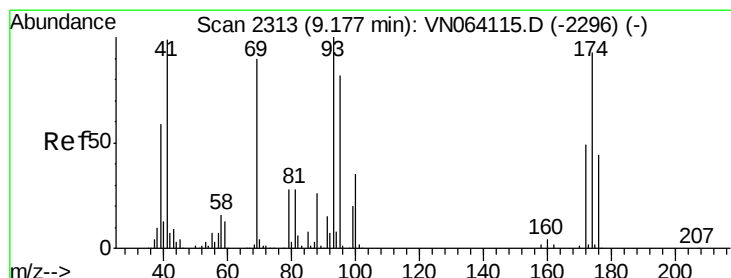
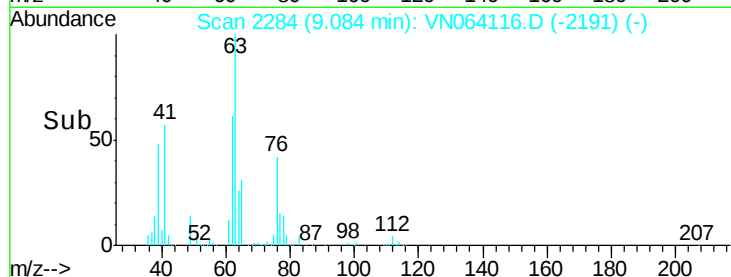
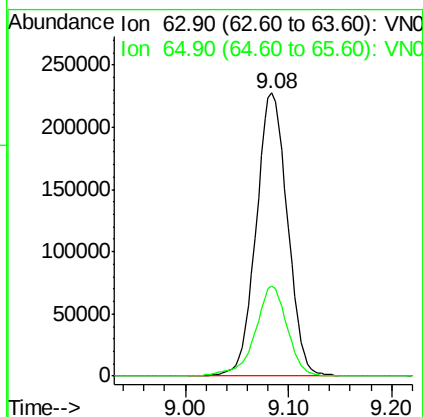
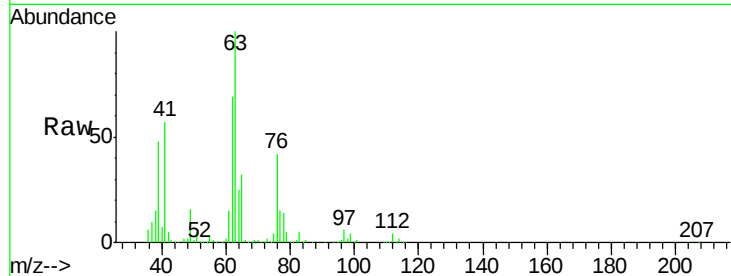




#45
 1,2-Dichloropropane
 Concen: 95.915 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN064116.D
 Acq: 14 Oct 2020 15:53

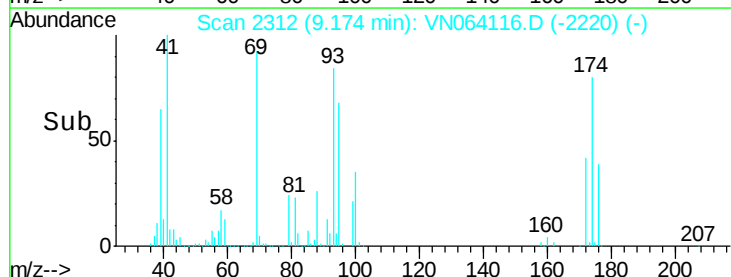
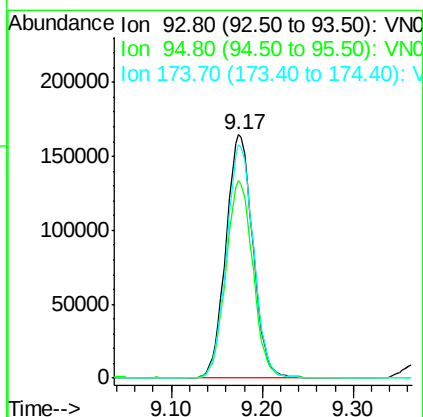
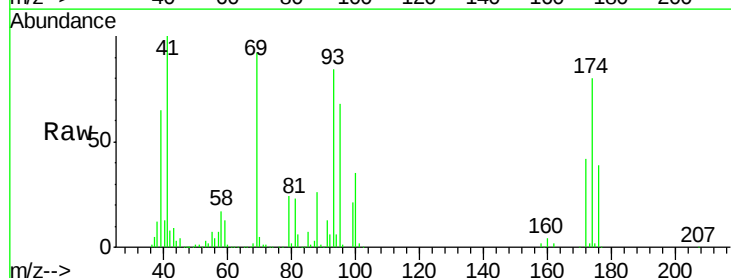
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

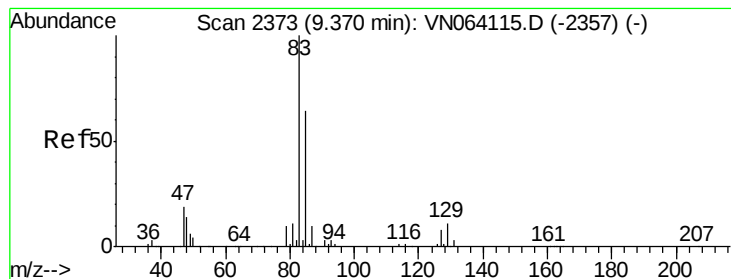
Tgt Ion: 63 Resp: 478953
 Ion Ratio Lower Upper
 63 100
 65 32.0 25.0 37.6



#46
 Dibromomethane
 Concen: 98.104 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN064116.D
 Acq: 14 Oct 2020 15:53

Tgt Ion: 93 Resp: 339786
 Ion Ratio Lower Upper
 93 100
 95 81.4 66.8 100.2
 174 95.3 75.2 112.8





#47

Bromodichloromethane

Concen: 96.161 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN064116.D

Acq: 14 Oct 2020 15:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

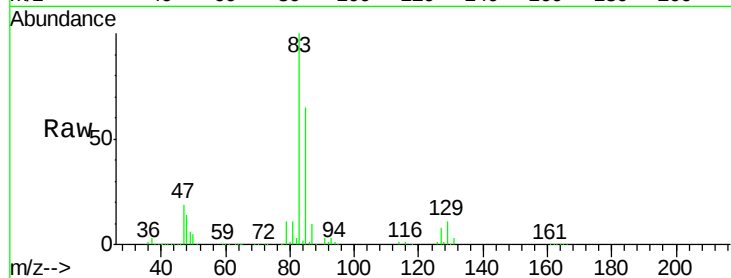
Tgt Ion: 83 Resp: 681584

Ion Ratio Lower Upper

83 100

85 64.6 50.8 76.2

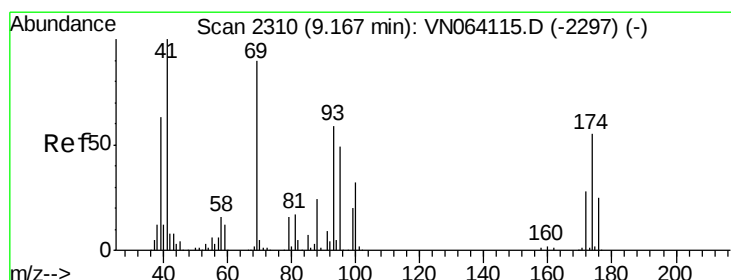
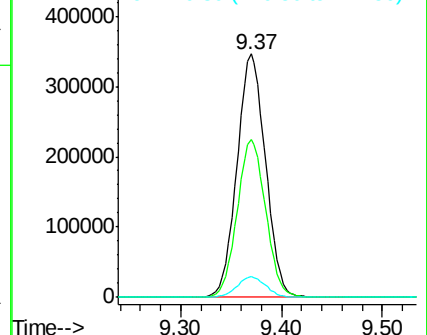
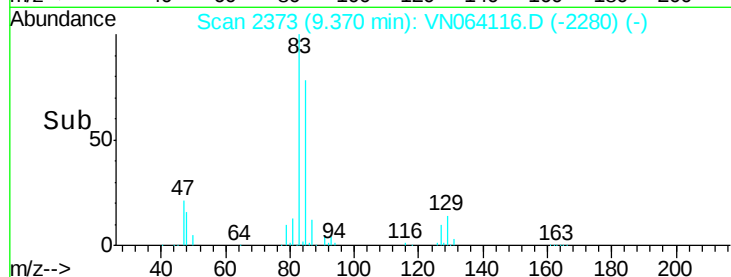
127 8.3 6.6 9.8



Abundance Ion 82.90 (82.60 to 83.60): VN064116.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN064116.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN064116.D (-2280) (-)



#48

Methyl methacrylate

Concen: 88.152 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN064116.D

Acq: 14 Oct 2020 15:53

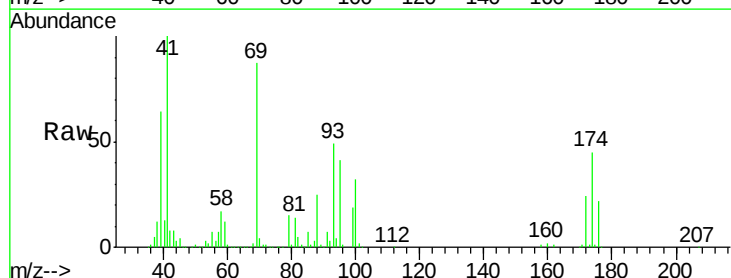
Tgt Ion: 41 Resp: 450531

Ion Ratio Lower Upper

41 100

69 90.1 71.4 107.2

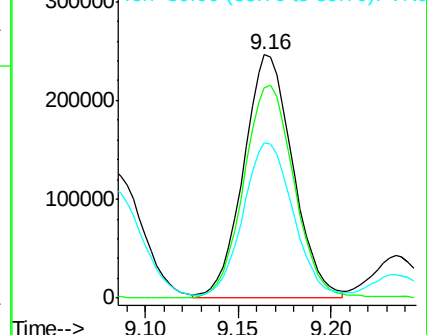
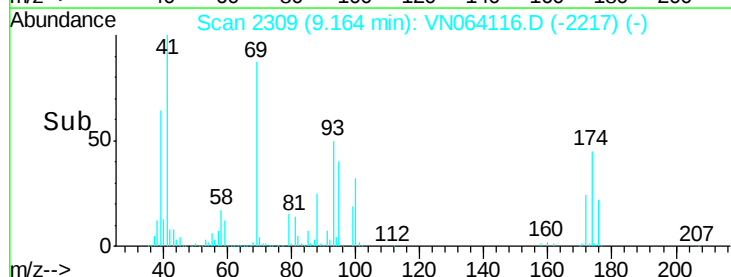
39 65.3 52.5 78.7

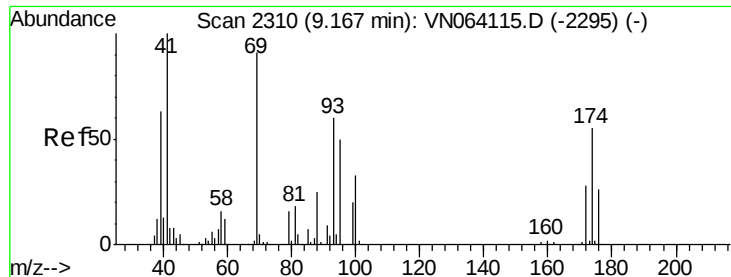


Abundance Ion 41.00 (40.70 to 41.70): VN064116.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN064116.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN064116.D (-2217) (-)

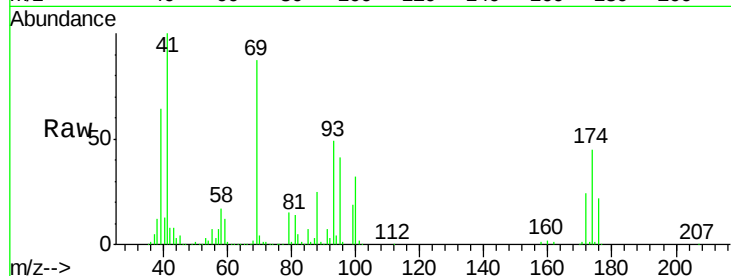




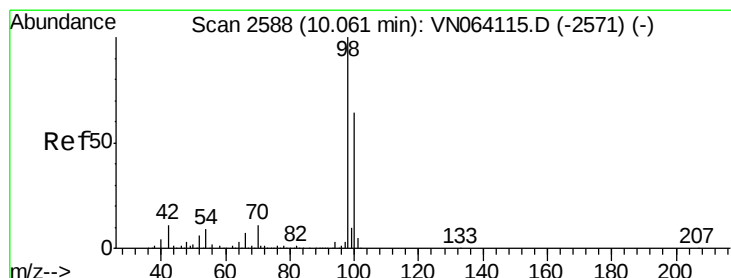
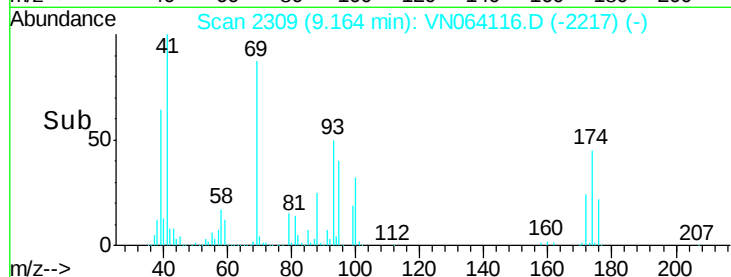
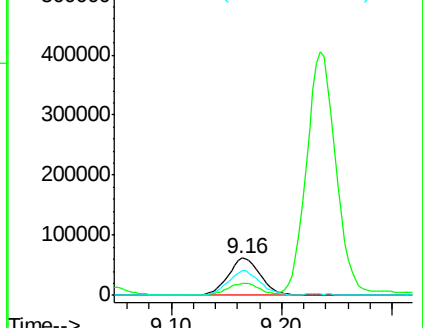
#49
1,4-Dioxane
Concen: 1727.001 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN064116.D
Acq: 14 Oct 2020 15:53

Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

Tgt Ion: 88 Resp: 125536
Ion Ratio Lower Upper
88 100
43 31.2 27.2 40.8
58 65.7 52.6 78.8

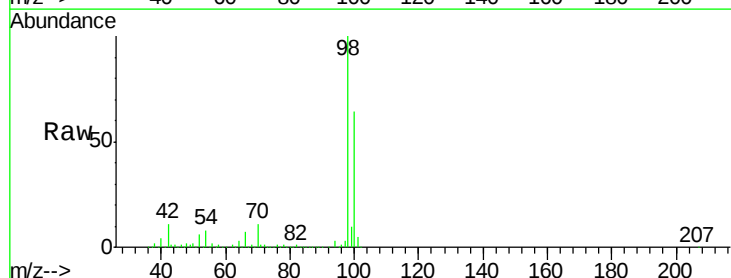


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

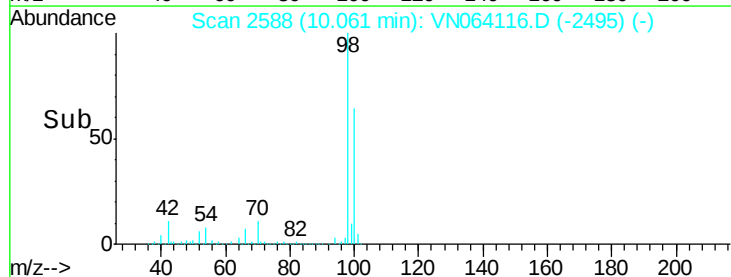
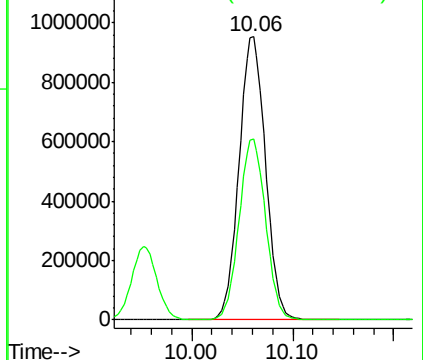


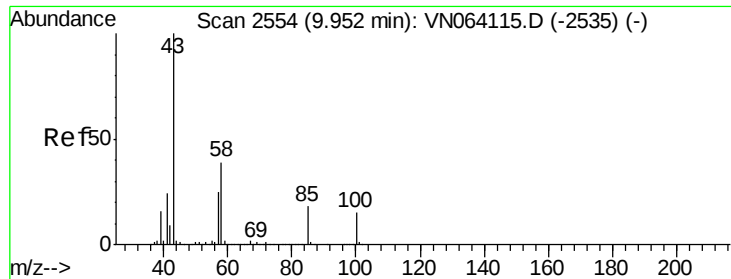
#50
Toluene-d8
Concen: 103.045 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN064116.D
Acq: 14 Oct 2020 15:53

Tgt Ion: 98 Resp: 1730758
Ion Ratio Lower Upper
98 100
100 64.0 50.8 76.2



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

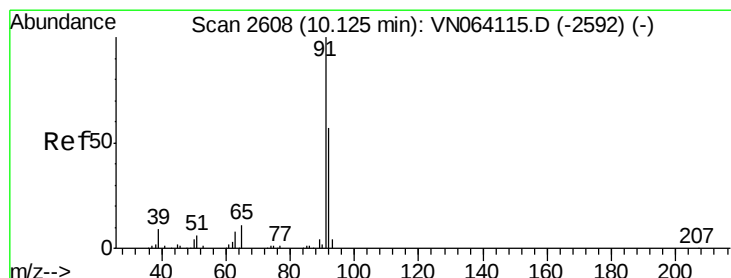
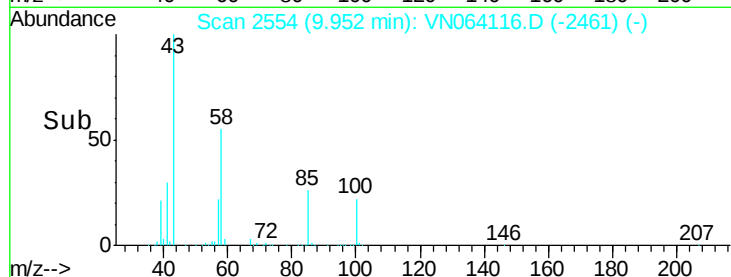
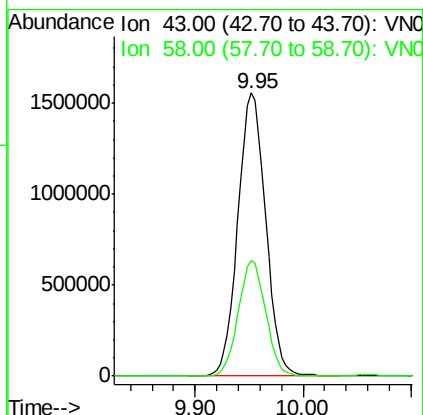
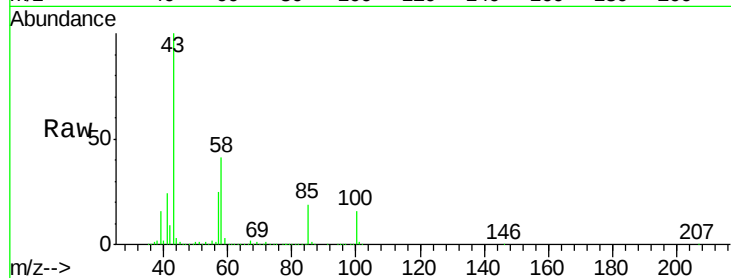




#51
 4-Methyl-2-Pentanone
 Concen: 460.836 ug/l
 RT: 9.95 min Scan# 2554
 Delta R.T. 0.00 min
 Lab File: VN064116.D
 Acq: 14 Oct 2020 15:53

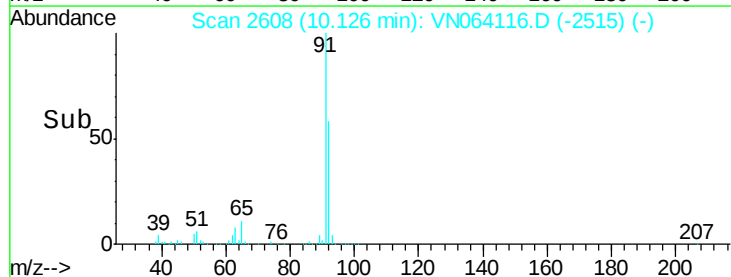
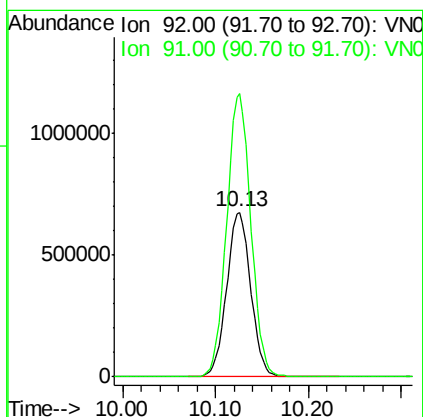
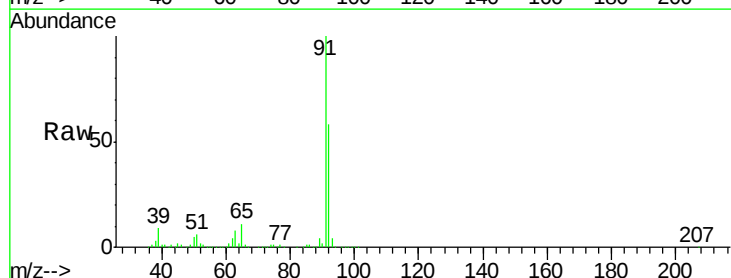
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

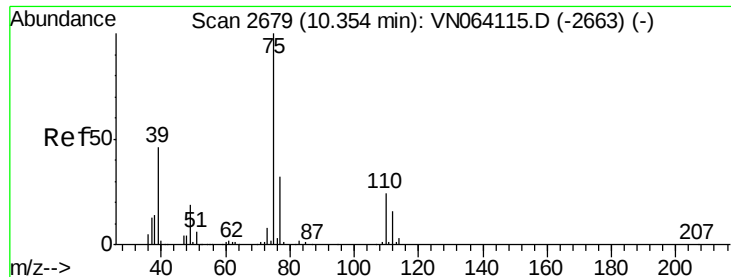
Tgt Ion: 43 Resp: 2803581
 Ion Ratio Lower Upper
 43 100
 58 40.2 31.2 46.8



#52
 Toluene
 Concen: 104.999 ug/l
 RT: 10.13 min Scan# 2608
 Delta R.T. 0.00 min
 Lab File: VN064116.D
 Acq: 14 Oct 2020 15:53

Tgt Ion: 92 Resp: 1212436
 Ion Ratio Lower Upper
 92 100
 91 173.8 141.2 211.8





#53

t-1,3-Dichloropropene

Concen: 99.169 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. 0.00 min

Lab File: VN064116.D

Acq: 14 Oct 2020 15:53

Instrument :

MSVOA_N

ClientSampleId :

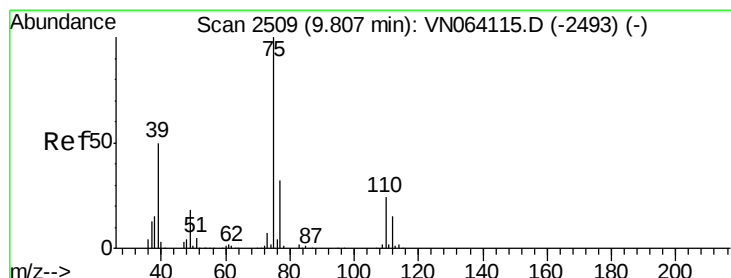
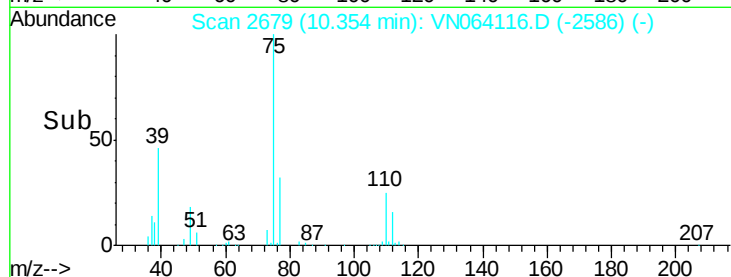
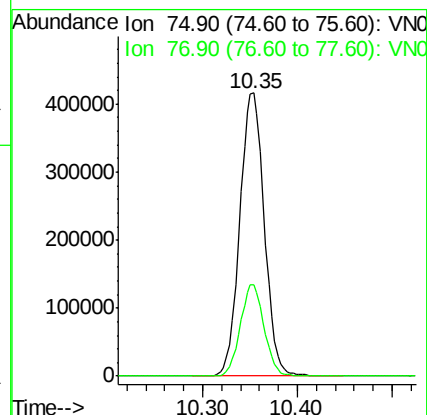
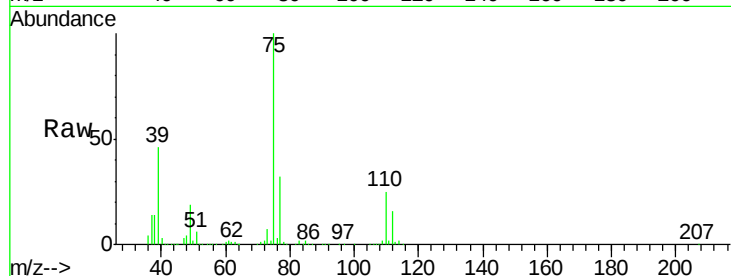
VSTDIC100

Tgt Ion: 75 Resp: 748767

Ion Ratio Lower Upper

75 100

77 32.2 25.6 38.4



#54

cis-1,3-Dichloropropene

Concen: 100.150 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN064116.D

Acq: 14 Oct 2020 15:53

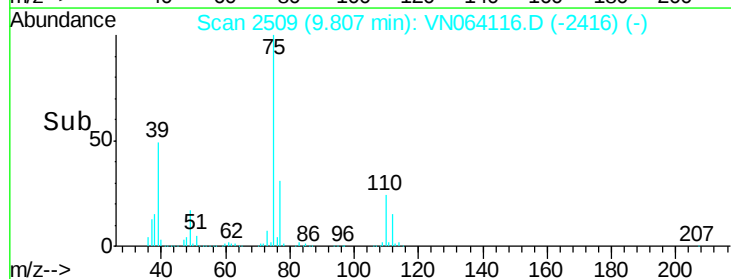
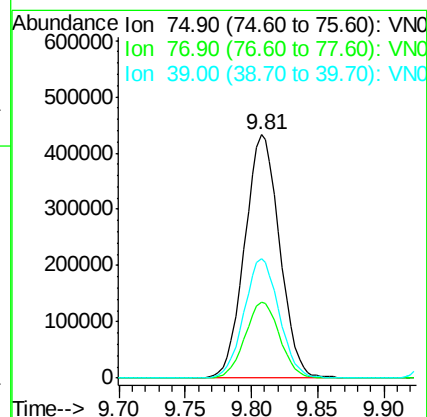
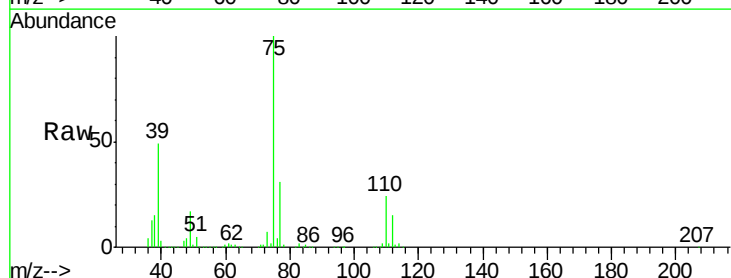
Tgt Ion: 75 Resp: 793281

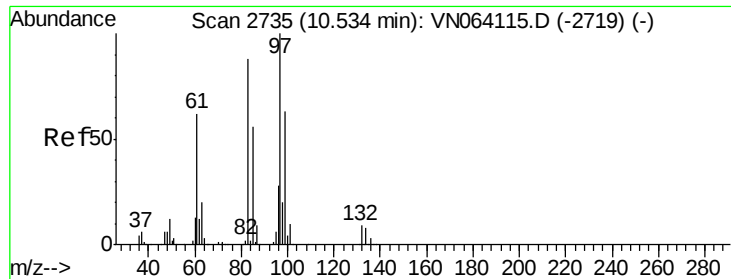
Ion Ratio Lower Upper

75 100

77 31.3 25.2 37.8

39 48.9 39.8 59.8

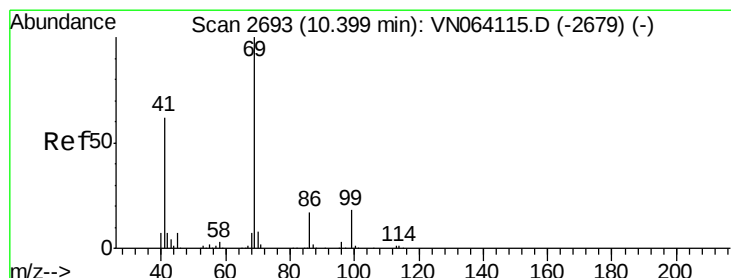
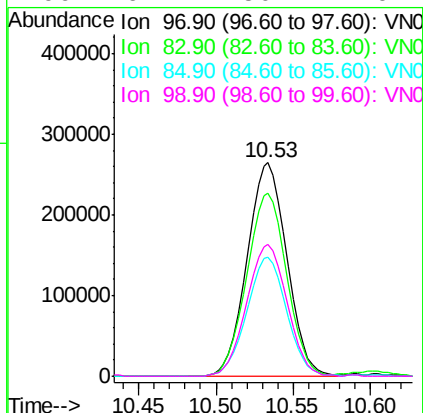
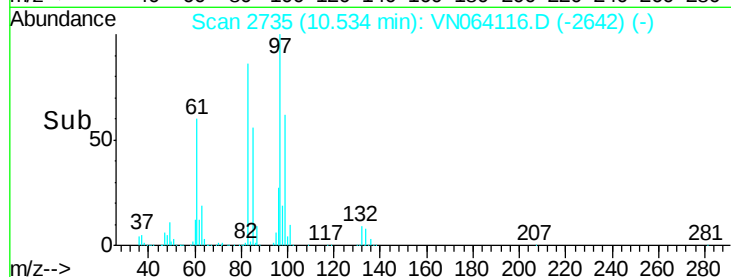
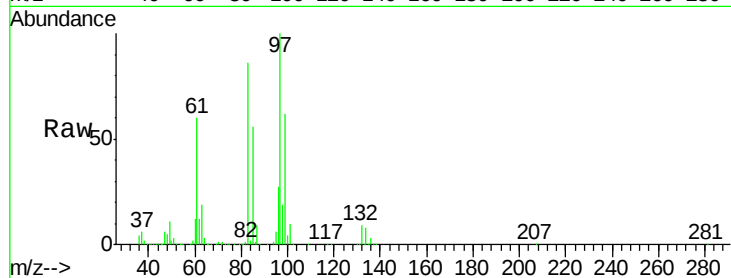




#55
 1,1,2-Trichloroethane
 Concen: 102.656 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN064116.D
 Acq: 14 Oct 2020 15:53

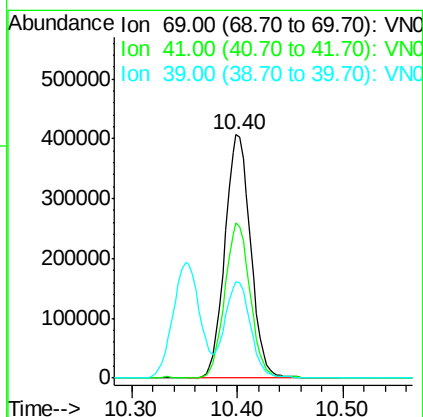
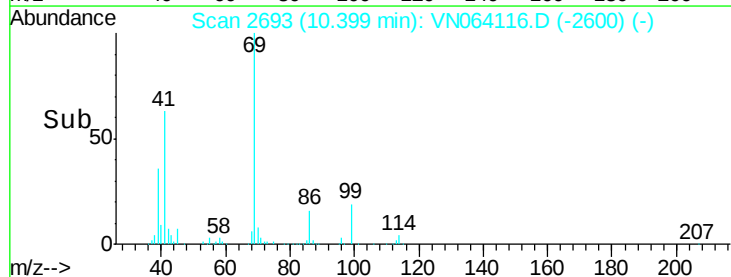
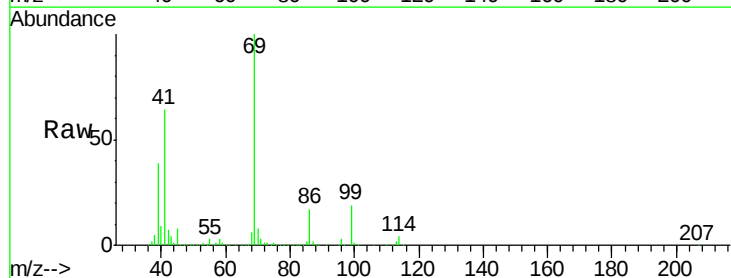
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

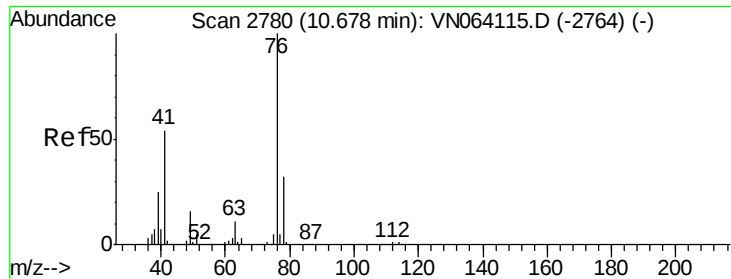
Tgt Ion: 97 Resp: 474217
 Ion Ratio Lower Upper
 97 100
 83 85.8 70.2 105.4
 85 56.0 45.0 67.6
 99 61.7 50.7 76.1



#56
 Ethyl methacrylate
 Concen: 105.850 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN064116.D
 Acq: 14 Oct 2020 15:53

Tgt Ion: 69 Resp: 684898
 Ion Ratio Lower Upper
 69 100
 41 62.4 49.3 73.9
 39 39.4 32.7 49.1

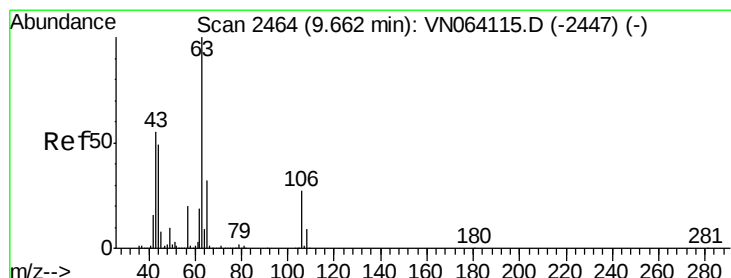
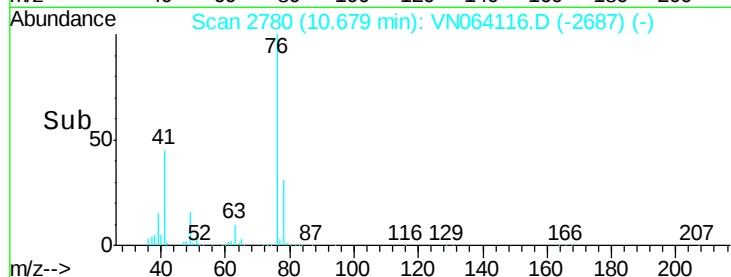
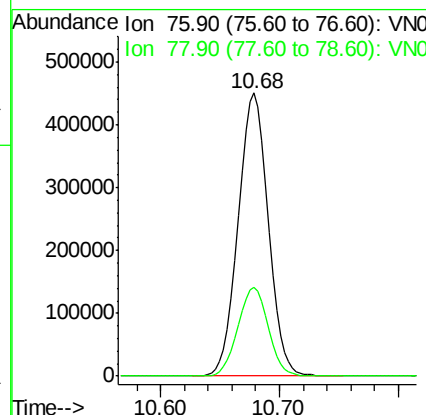
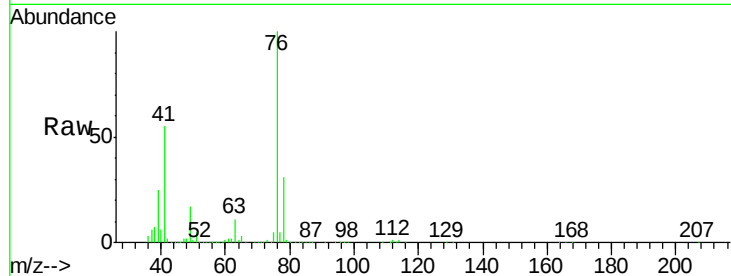




#57
 1,3-Dichloropropane
 Concen: 101.609 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: VN064116.D
 Acq: 14 Oct 2020 15:53

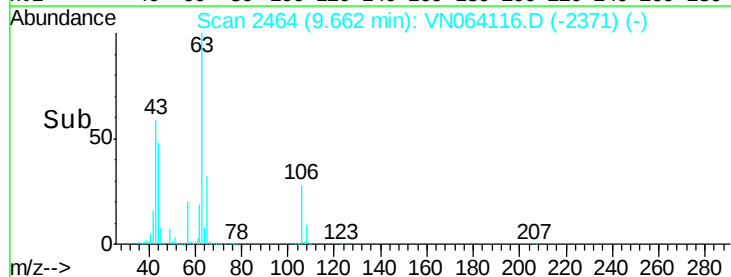
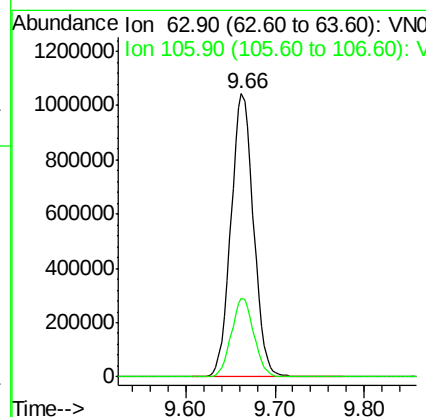
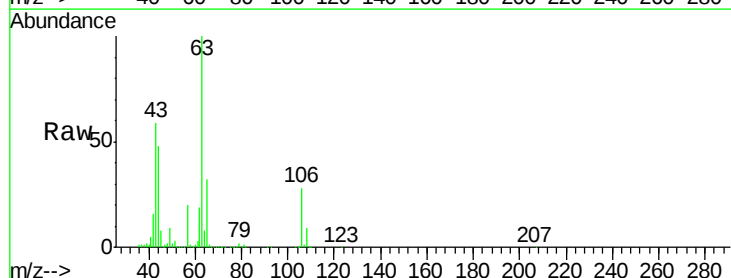
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

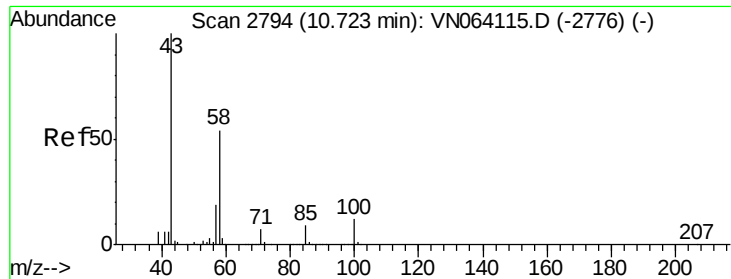
Tgt Ion: 76 Resp: 790524
 Ion Ratio Lower Upper
 76 100
 78 31.8 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 532.175 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN064116.D
 Acq: 14 Oct 2020 15:53

Tgt Ion: 63 Resp: 1831769
 Ion Ratio Lower Upper
 63 100
 106 27.7 21.8 32.6

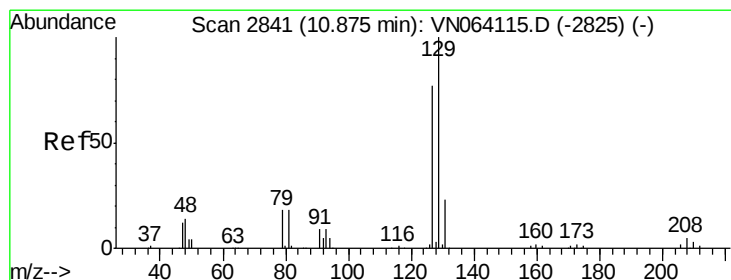
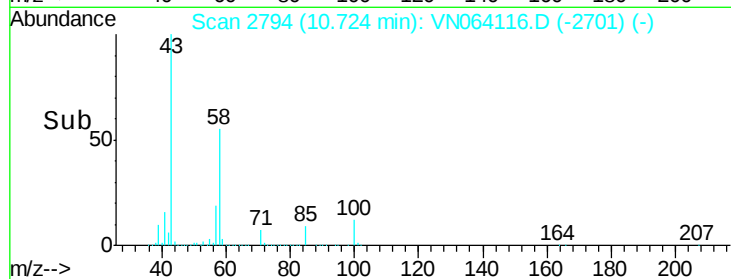
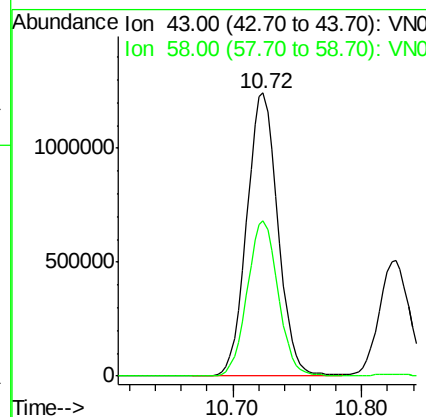
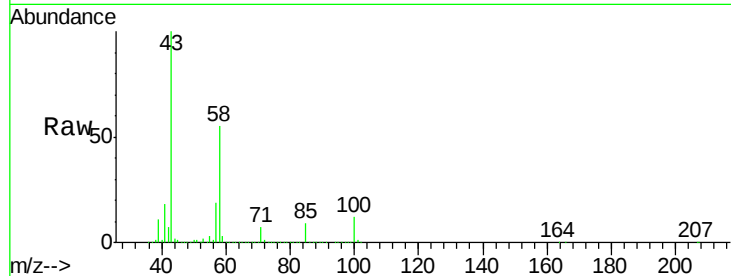




#59
2-Hexanone
Concen: 463.505 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064116.D
Acq: 14 Oct 2020 15:53

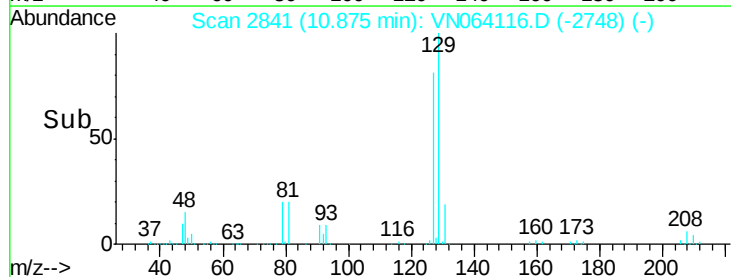
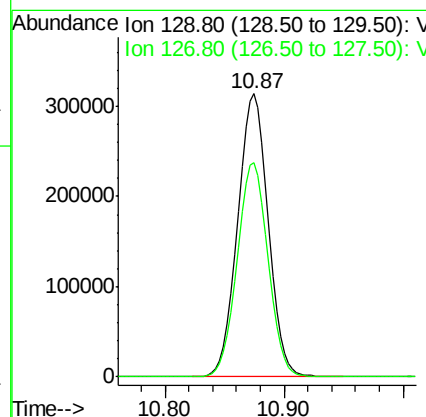
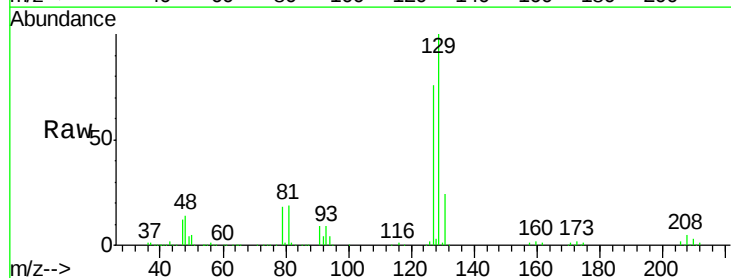
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

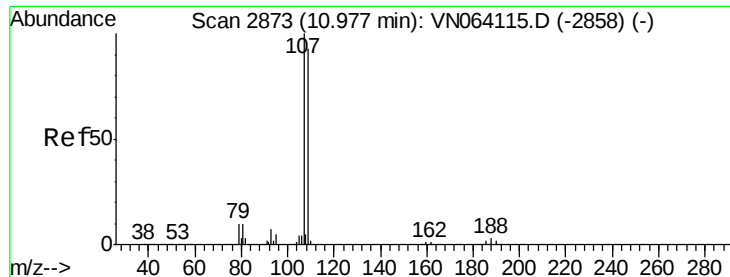
Tgt Ion: 43 Resp: 2088421
Ion Ratio Lower Upper
43 100
58 54.7 27.2 81.6



#60
Dibromochloromethane
Concen: 103.579 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN064116.D
Acq: 14 Oct 2020 15:53

Tgt Ion: 129 Resp: 558602
Ion Ratio Lower Upper
129 100
127 76.4 38.2 114.6





#61

1,2-Dibromoethane

Concen: 106.503 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. 0.00 min

Lab File: VN064116.D

Acq: 14 Oct 2020 15:53

Instrument :

MSVOA_N

ClientSampleId :

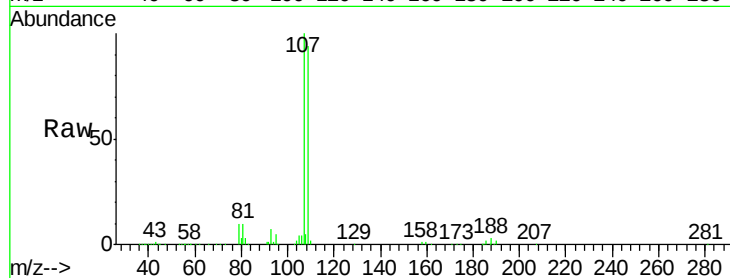
VSTDIC100

Tgt Ion: 107 Resp: 505180

Ion Ratio Lower Upper

107 100

109 93.0 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

10.98

250000

200000

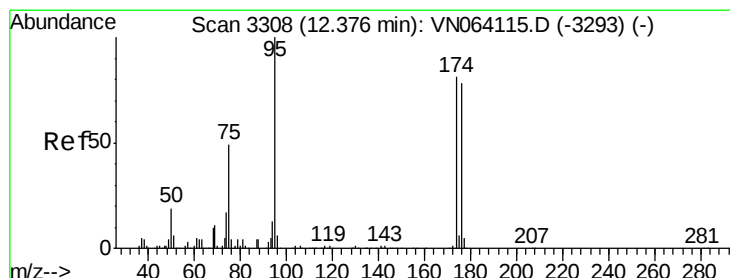
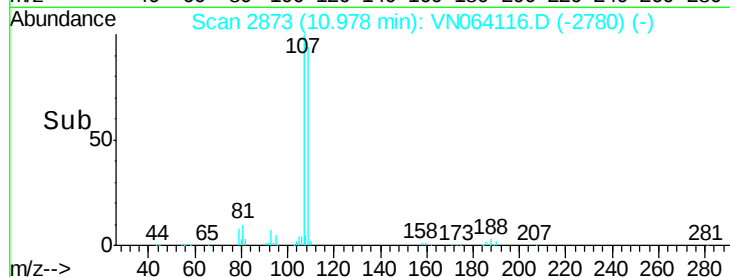
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 98.719 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064116.D

Acq: 14 Oct 2020 15:53

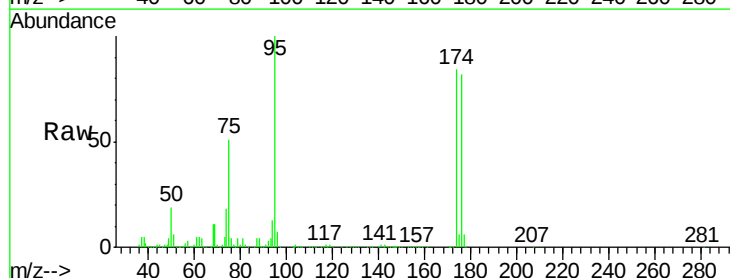
Tgt Ion: 95 Resp: 611635

Ion Ratio Lower Upper

95 100

174 83.7 0.0 164.8

176 81.4 0.0 157.8



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.38

500000

400000

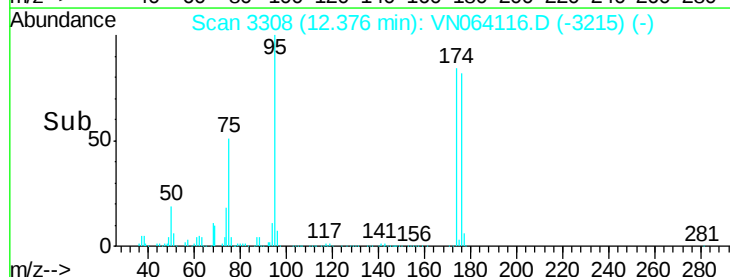
300000

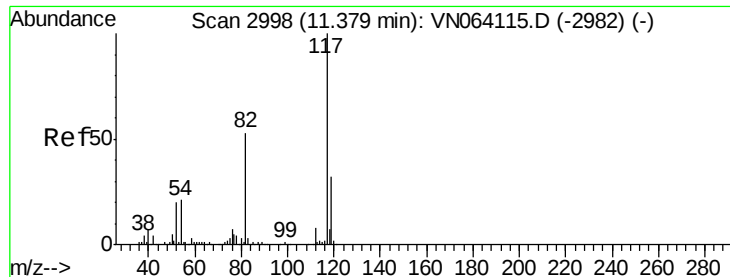
200000

100000

0

Time-->

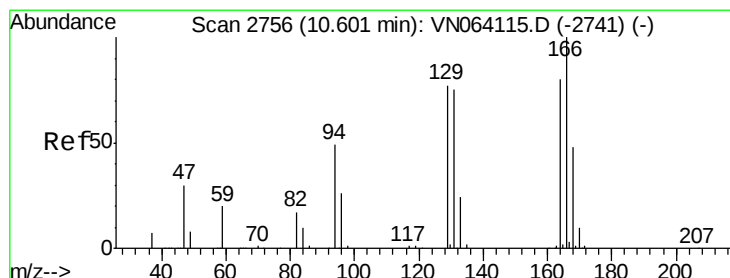
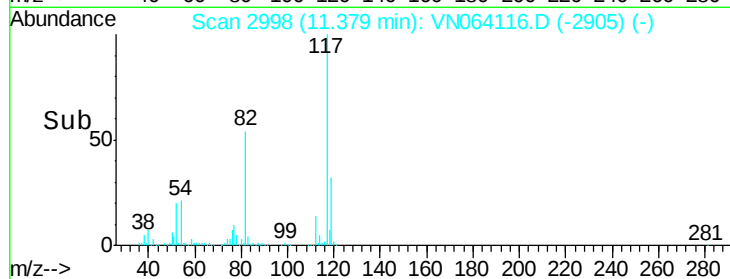
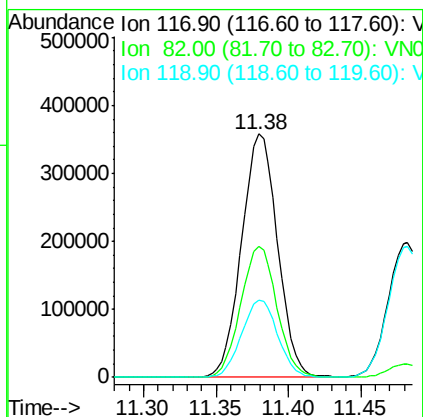
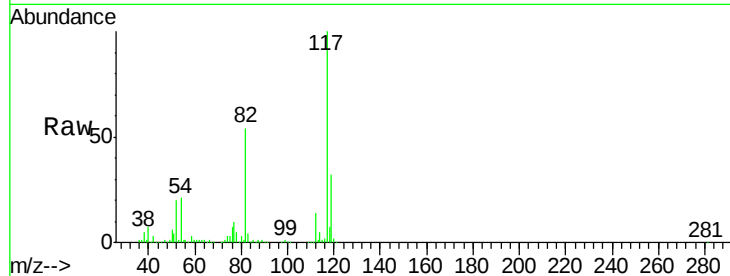




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064116.D
Acq: 14 Oct 2020 15:53

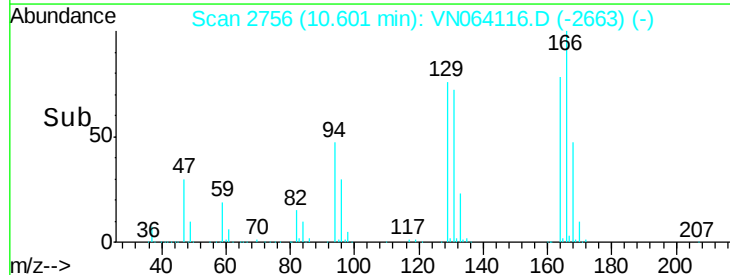
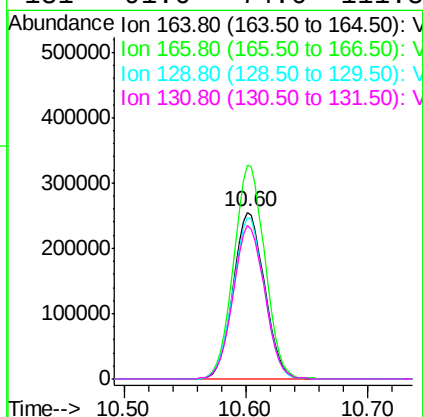
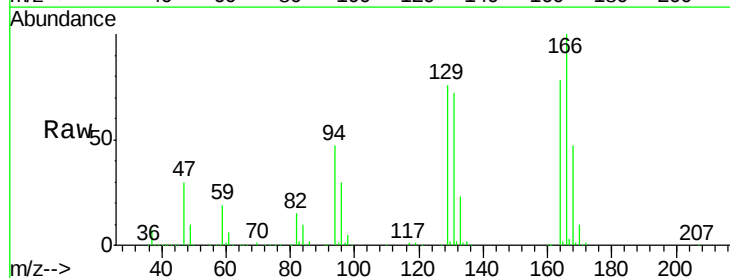
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

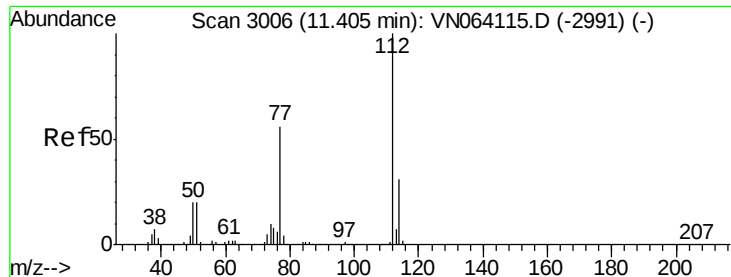
Tgt Ion:117 Resp: 620141
Ion Ratio Lower Upper
117 100
82 53.9 42.6 63.8
119 31.8 25.5 38.3



#64
Tetrachloroethene
Concen: 93.604 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064116.D
Acq: 14 Oct 2020 15:53

Tgt Ion:164 Resp: 454484
Ion Ratio Lower Upper
164 100
166 127.9 99.7 149.5
129 96.9 77.0 115.4
131 91.6 74.6 111.8

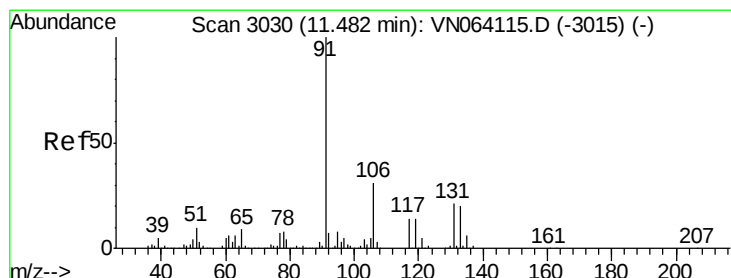
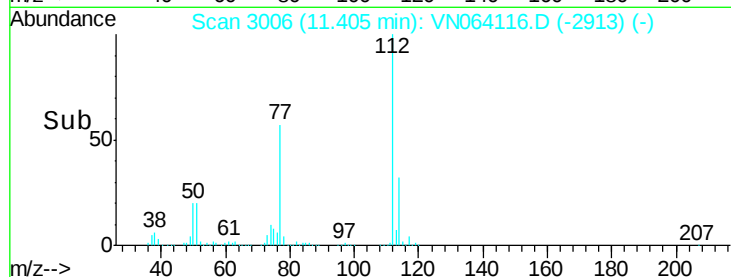
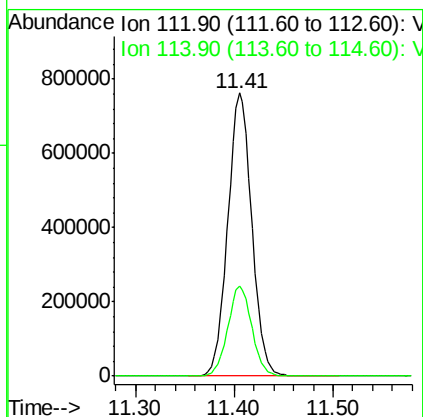
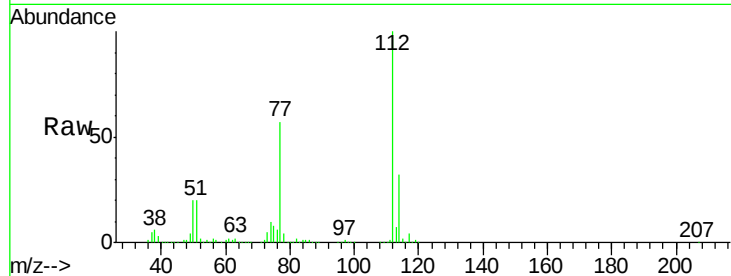




#65
Chlorobenzene
Concen: 101.073 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN064116.D
Acq: 14 Oct 2020 15:53

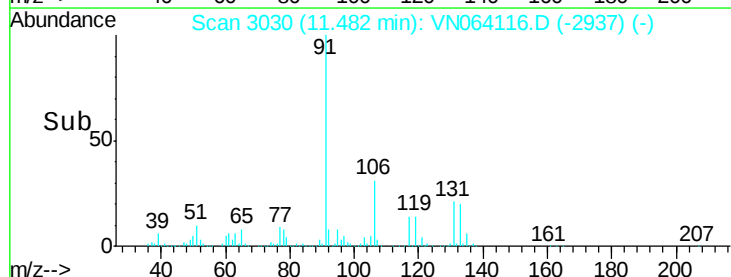
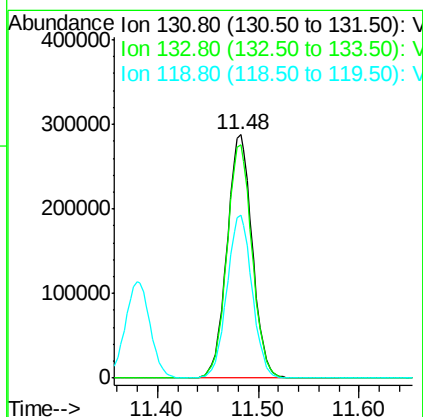
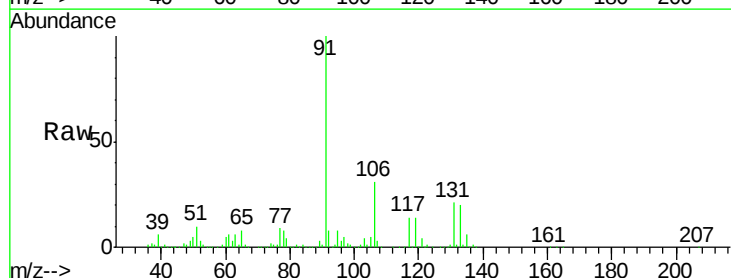
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

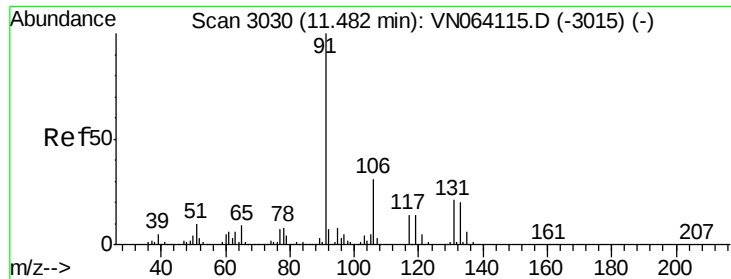
Tgt Ion:112 Resp: 1300790
Ion Ratio Lower Upper
112 100
114 31.9 24.6 37.0



#66
1,1,1,2-Tetrachloroethane
Concen: 101.961 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064116.D
Acq: 14 Oct 2020 15:53

Tgt Ion:131 Resp: 501030
Ion Ratio Lower Upper
131 100
133 95.6 47.3 141.9
119 66.8 32.8 98.4

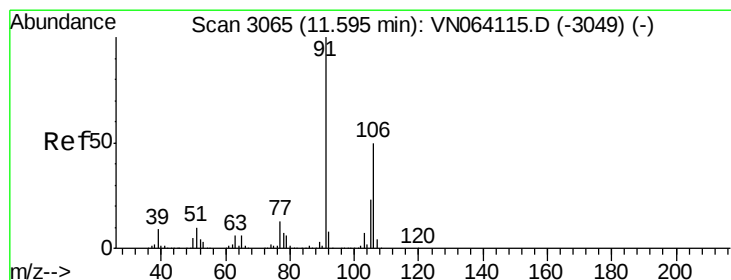
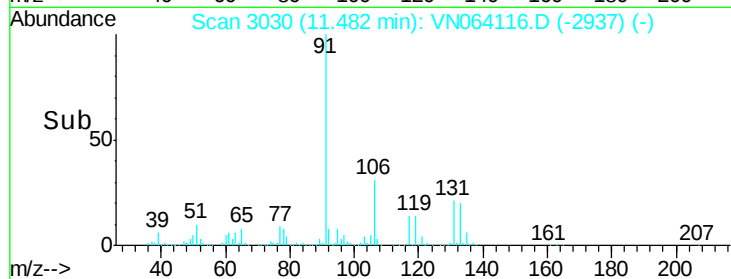
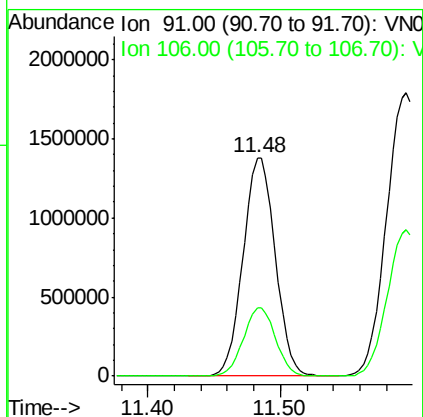
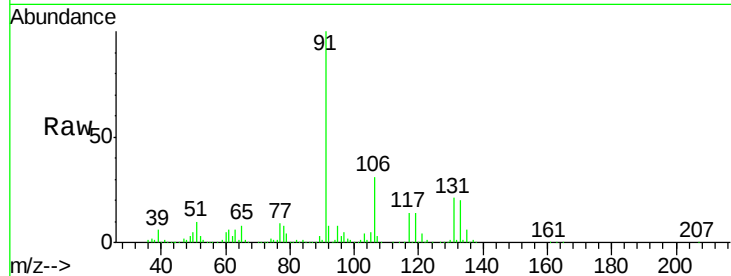




#67
Ethyl Benzene
Concen: 100.715 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064116.D
Acq: 14 Oct 2020 15:53

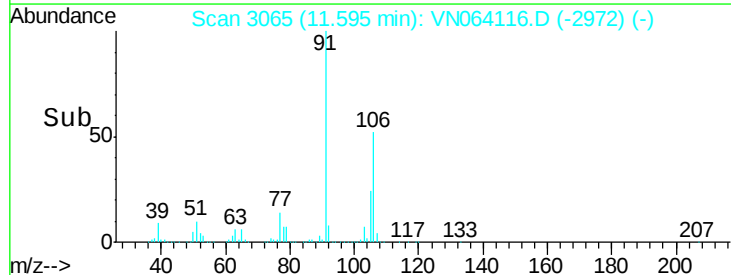
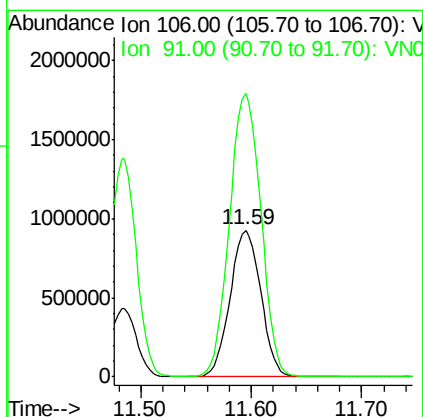
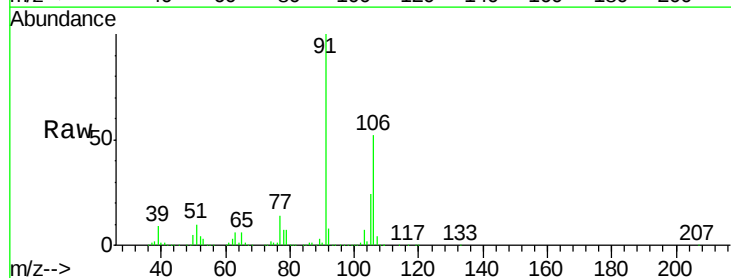
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

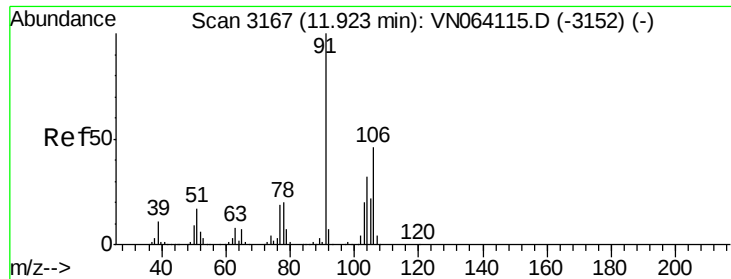
Tgt Ion: 91 Resp: 2327880
Ion Ratio Lower Upper
91 100
106 31.2 24.7 37.1



#68
m/p-Xylenes
Concen: 206.211 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN064116.D
Acq: 14 Oct 2020 15:53

Tgt Ion: 106 Resp: 1787379
Ion Ratio Lower Upper
106 100
91 198.1 162.1 243.1

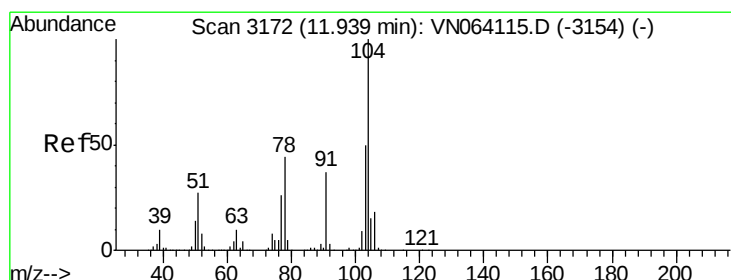
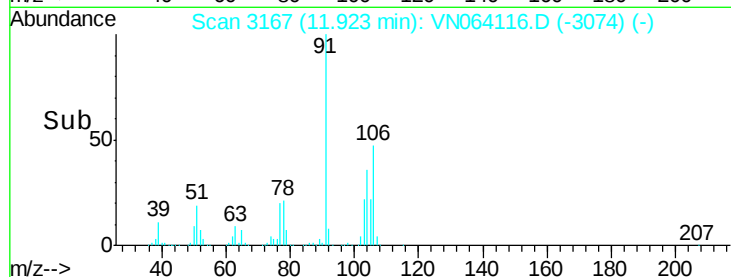
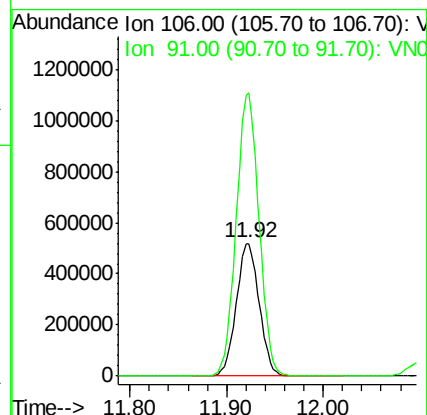
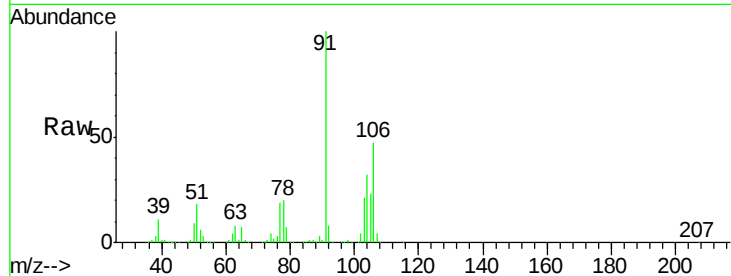




#69
o-Xylene
Concen: 105.395 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN064116.D
Acq: 14 Oct 2020 15:53

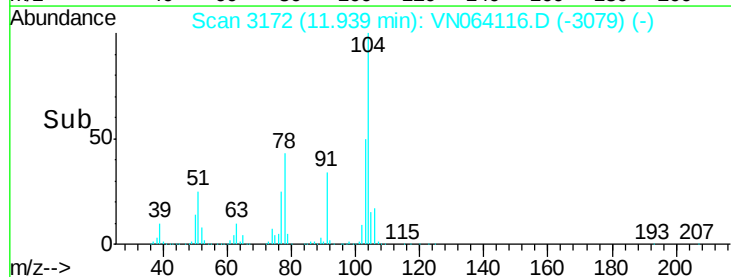
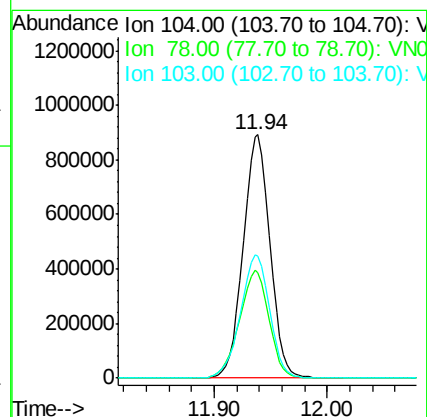
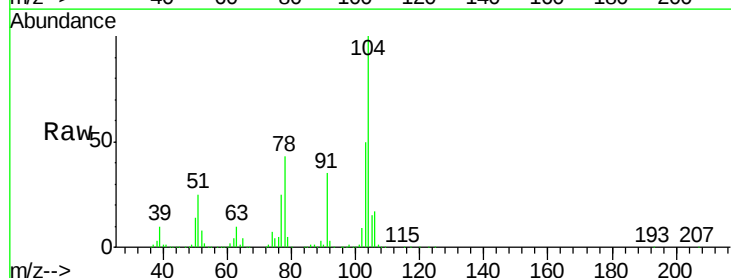
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

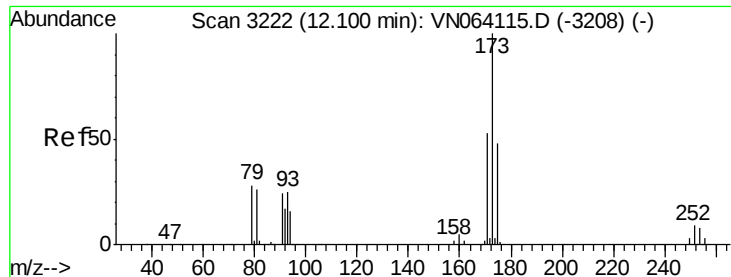
Tgt Ion:106 Resp: 854087
Ion Ratio Lower Upper
106 100
91 212.6 107.6 322.8



#70
Styrene
Concen: 107.789 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN064116.D
Acq: 14 Oct 2020 15:53

Tgt Ion:104 Resp: 1478885
Ion Ratio Lower Upper
104 100
78 48.9 39.7 59.5
103 55.1 44.2 66.2





#71

Bromoform

Concen: 108.026 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064116.D

Acq: 14 Oct 2020 15:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

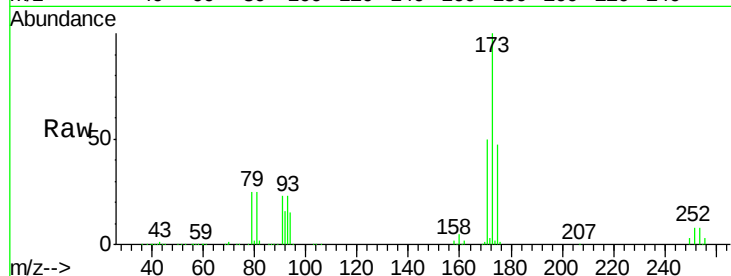
Tgt Ion:173 Resp: 405011

Ion Ratio Lower Upper

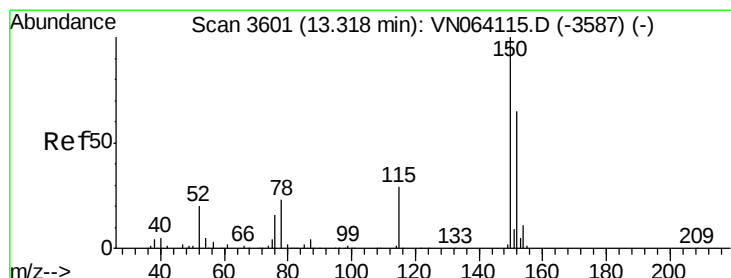
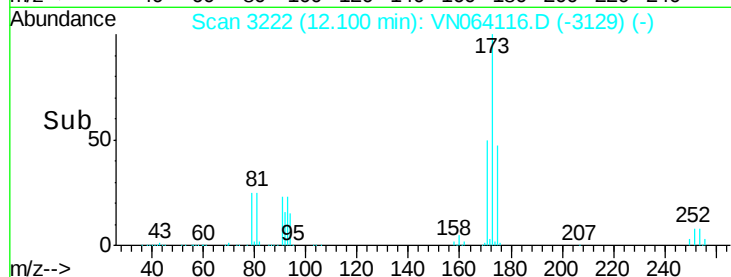
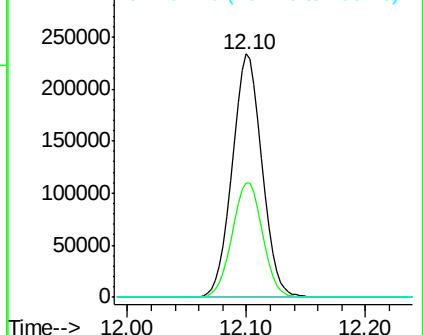
173 100

175 48.3 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: VN064116.D

Acq: 14 Oct 2020 15:53

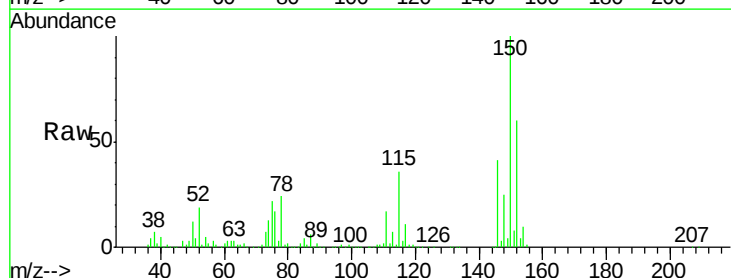
Tgt Ion:152 Resp: 315054

Ion Ratio Lower Upper

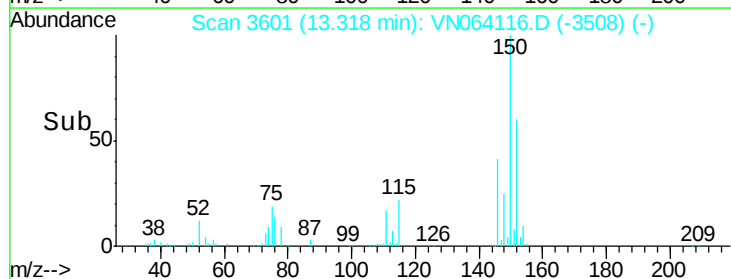
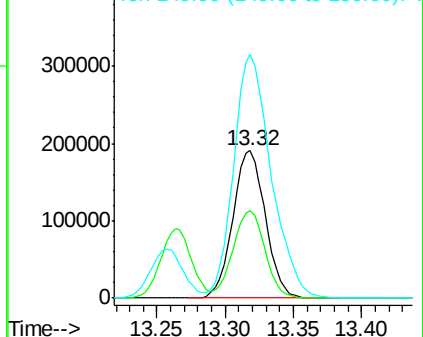
152 100

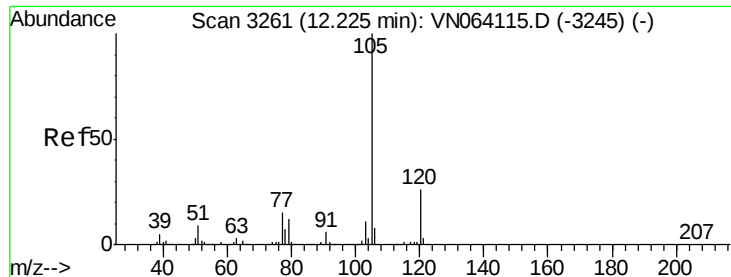
115 58.2 29.3 87.8

150 191.1 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: 95.792 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN064116.D

Acq: 14 Oct 2020 15:53

Instrument :

MSVOA_N

ClientSampleId :

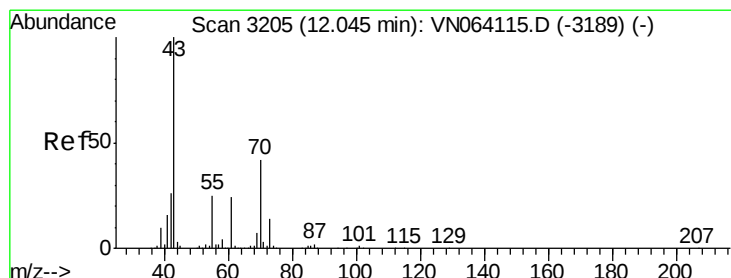
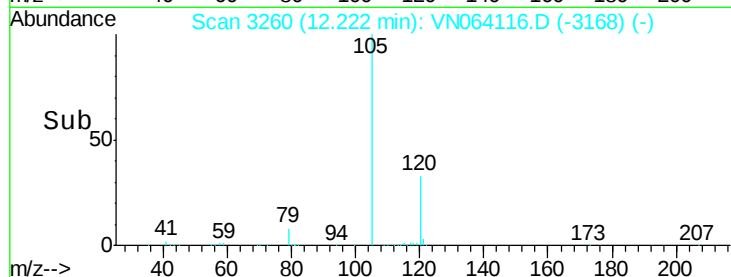
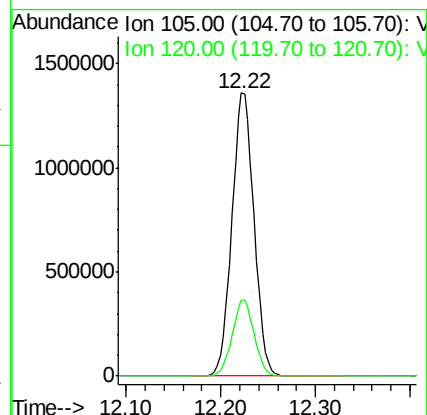
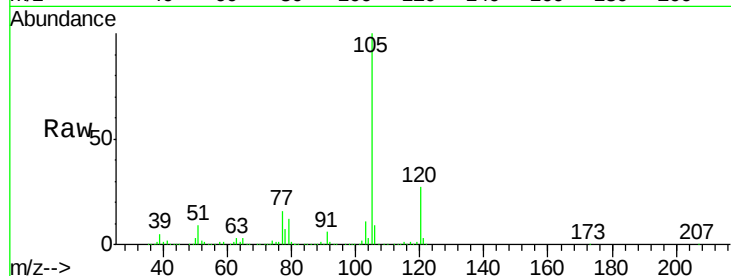
VSTDIC100

Tgt Ion:105 Resp: 2204291

Ion Ratio Lower Upper

105 100

120 26.6 13.2 39.5



#74

N-ethyl acetate

Concen: 94.374 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN064116.D

Acq: 14 Oct 2020 15:53

Tgt Ion: 43 Resp: 876394

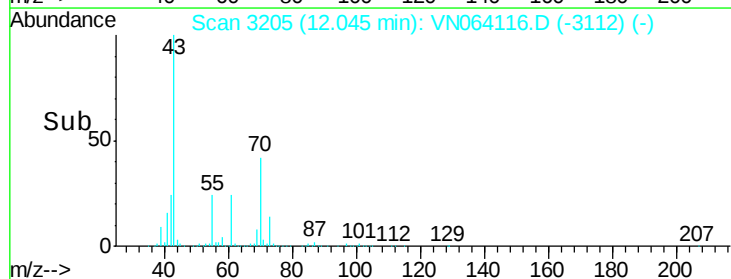
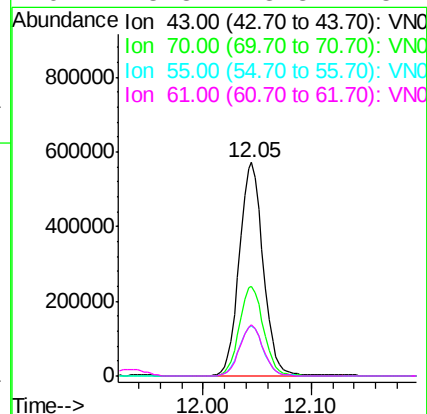
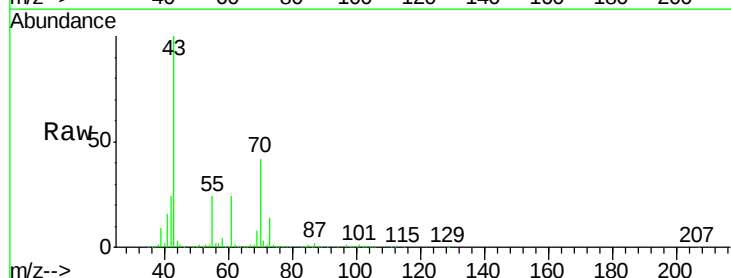
Ion Ratio Lower Upper

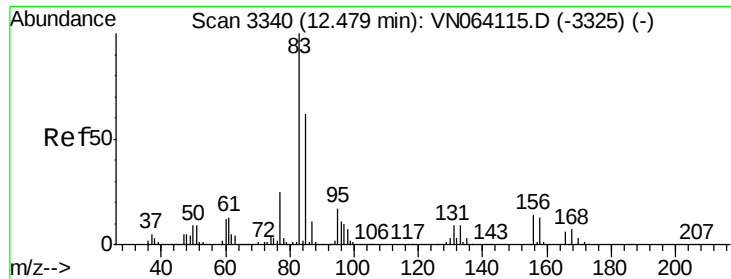
43 100

70 42.7 33.2 49.8

55 24.1 19.9 29.9

61 23.8 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 96.875 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064116.D

Acq: 14 Oct 2020 15:53

Instrument :

MSVOA_N

ClientSampled :

VSTDIC100

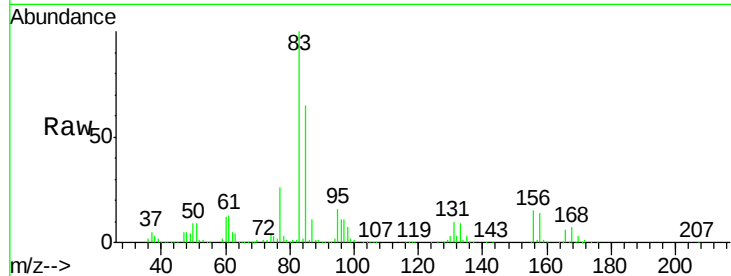
Tgt Ion: 83 Resp: 686977

Ion Ratio Lower Upper

83 100

131 10.0 5.0 15.0

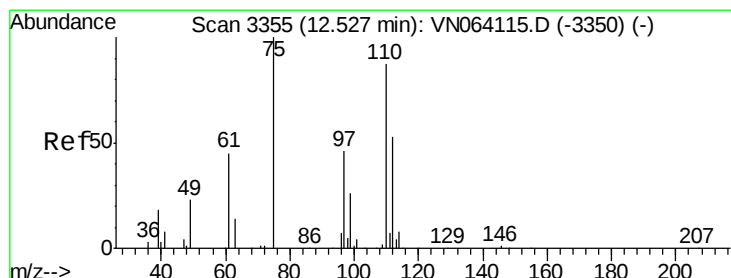
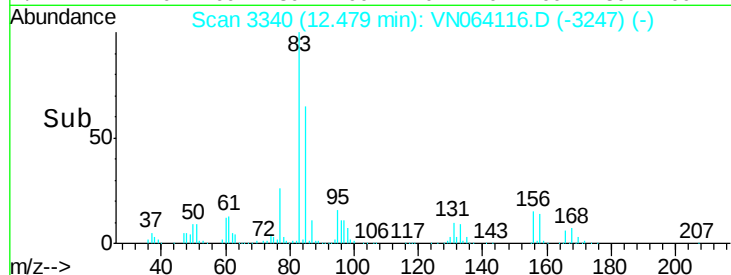
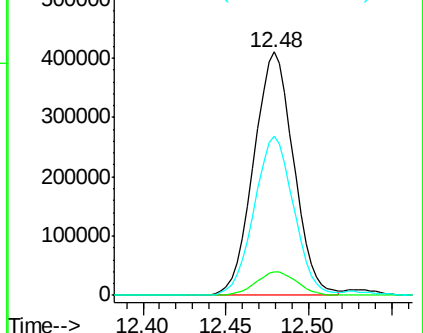
85 64.6 31.9 95.9



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: 130.762 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064116.D

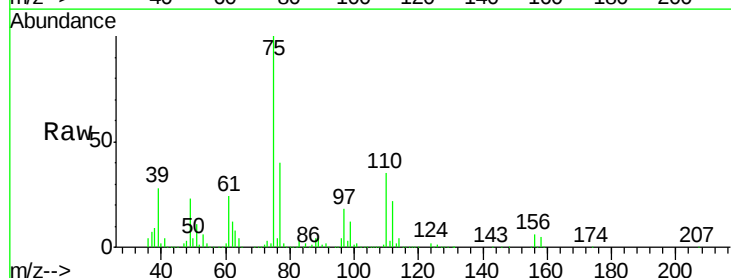
Acq: 14 Oct 2020 15:53

Tgt Ion: 75 Resp: 909066

Ion Ratio Lower Upper

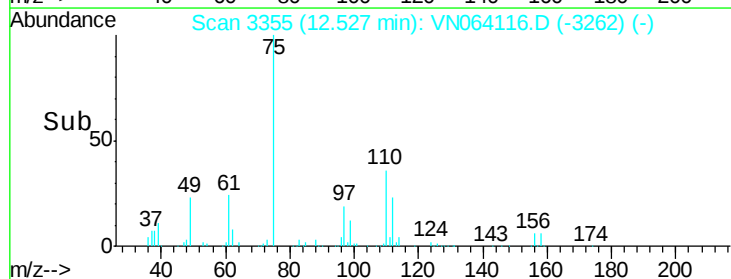
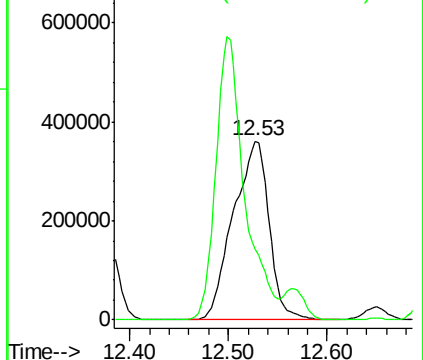
75 100

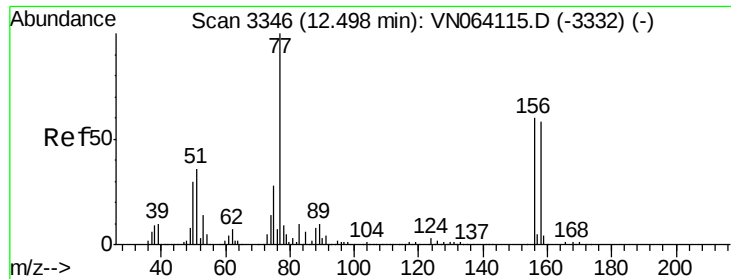
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 101.488 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064116.D

Acq: 14 Oct 2020 15:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

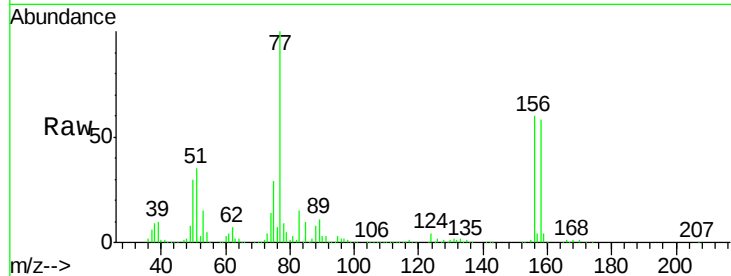
Tgt Ion:156 Resp: 582292

Ion Ratio Lower Upper

156 100

77 199.4 99.3 297.9

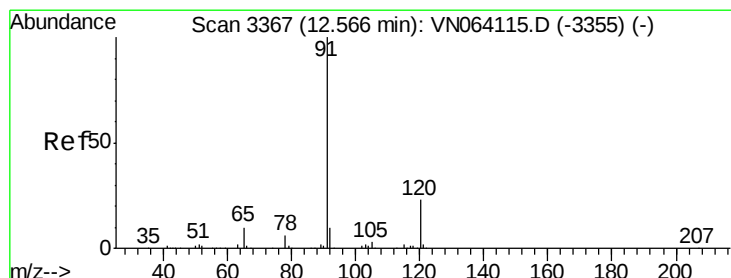
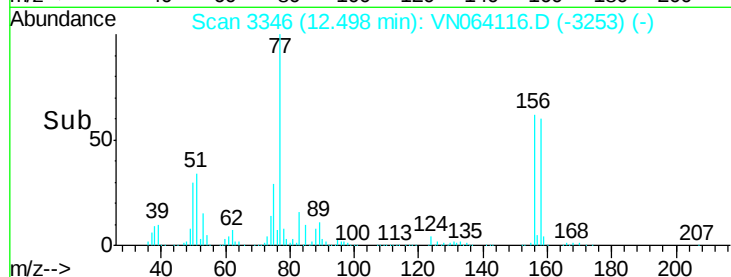
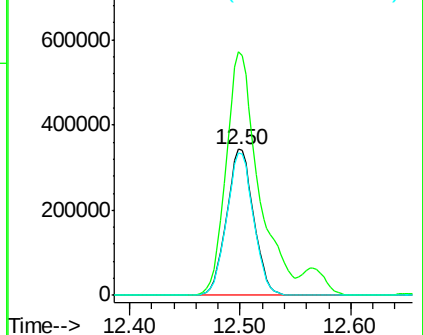
158 97.3 48.6 145.9



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: 94.241 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064116.D

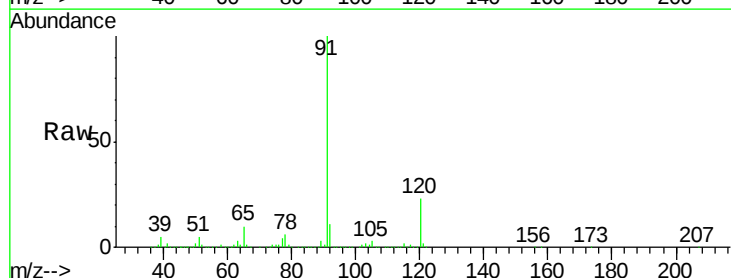
Acq: 14 Oct 2020 15:53

Tgt Ion: 91 Resp: 2520348

Ion Ratio Lower Upper

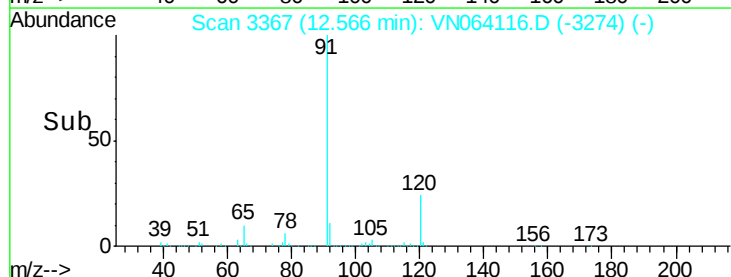
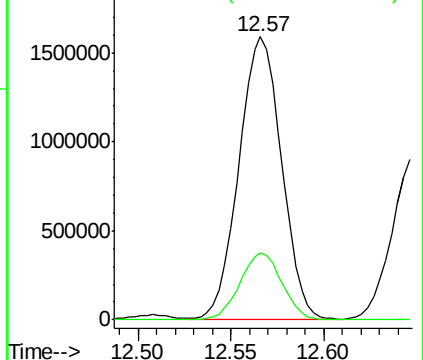
91 100

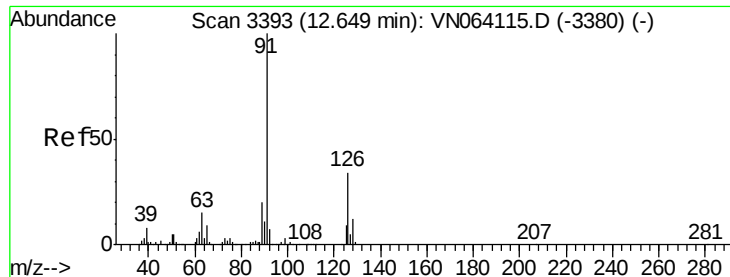
120 23.4 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

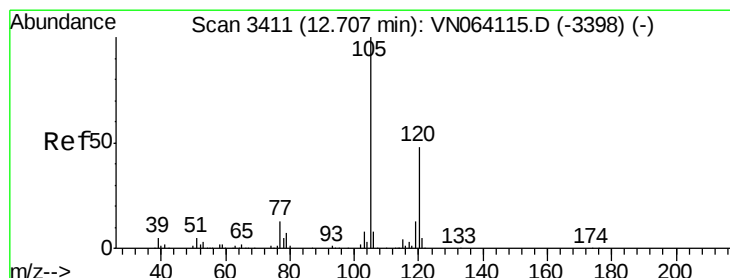
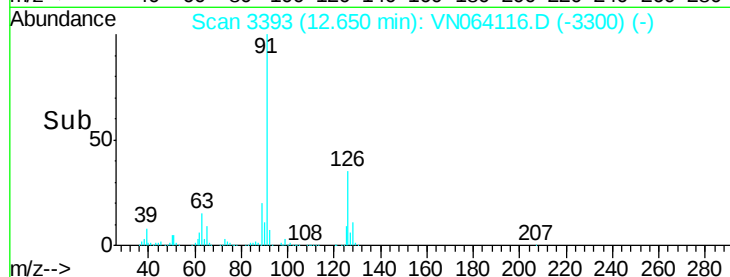
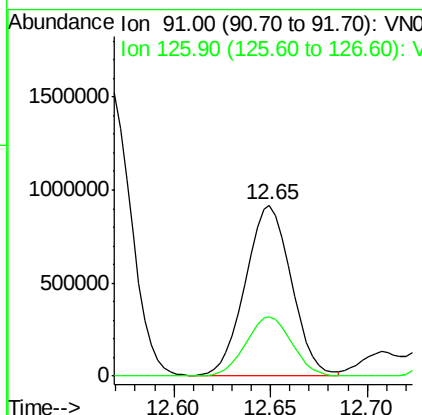
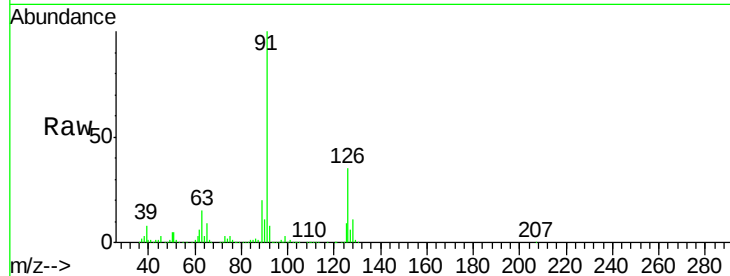




#79
 2-Chlorotoluene
 Concen: 91.646 ug/l
 RT: 12.65 min Scan# 3393
 Delta R.T. 0.00 min
 Lab File: VN064116.D
 Acq: 14 Oct 2020 15:53

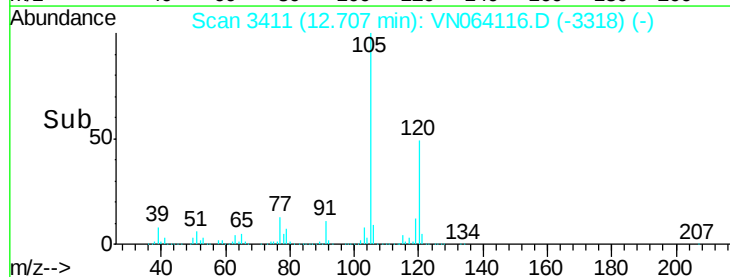
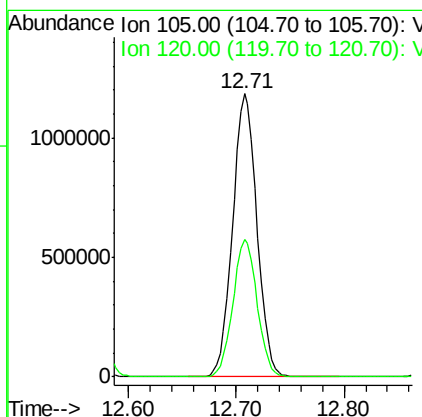
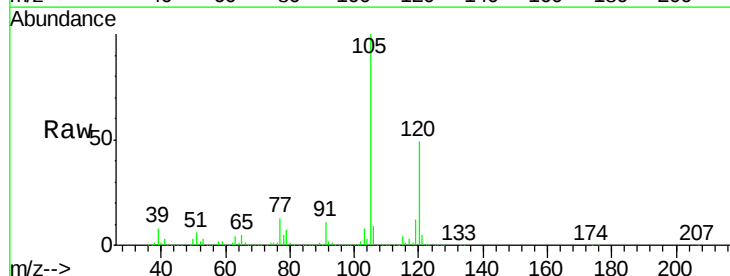
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

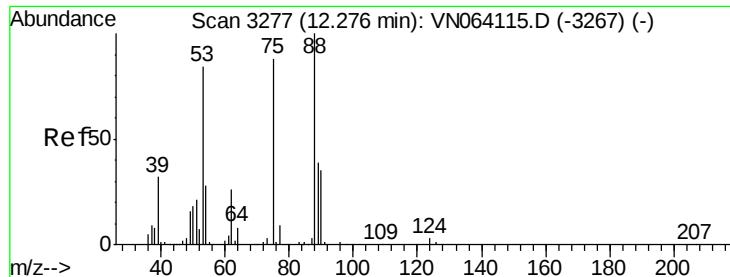
Tgt Ion: 91 Resp: 1511169
 Ion Ratio Lower Upper
 91 100
 126 35.0 17.5 52.5



#80
 1,3,5-Trimethylbenzene
 Concen: 96.064 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN064116.D
 Acq: 14 Oct 2020 15:53

Tgt Ion: 105 Resp: 1854620
 Ion Ratio Lower Upper
 105 100
 120 48.6 24.0 72.0





#81

trans-1,4-Dichloro-2-butene

Concen: 99.336 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN064116.D

Acq: 14 Oct 2020 15:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

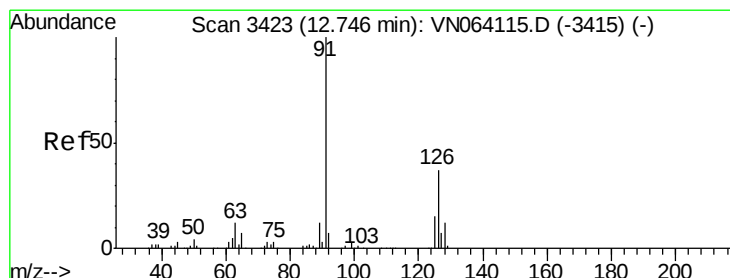
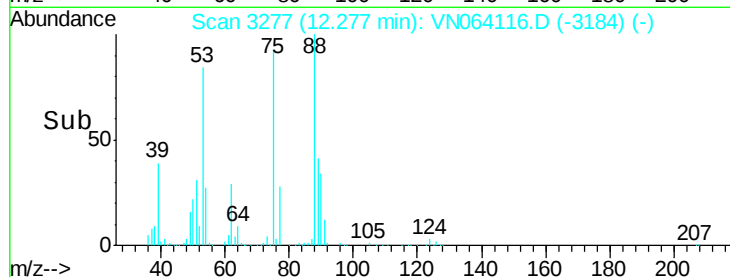
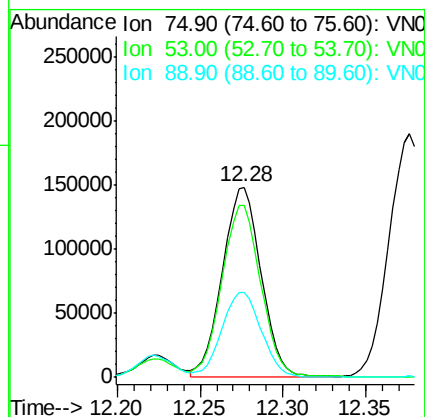
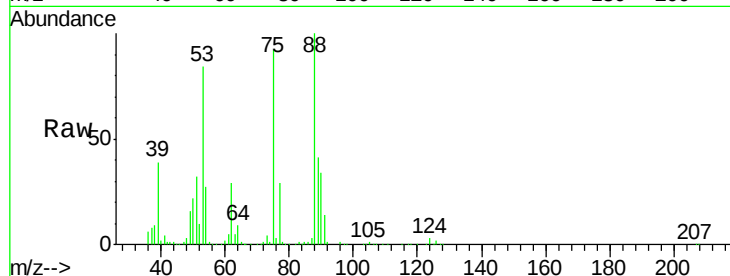
Tgt Ion: 75 Resp: 238229

Ion Ratio Lower Upper

75 100

53 92.8 75.7 113.5

89 46.5 36.6 55.0



#82

4-Chlorotoluene

Concen: 94.422 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN064116.D

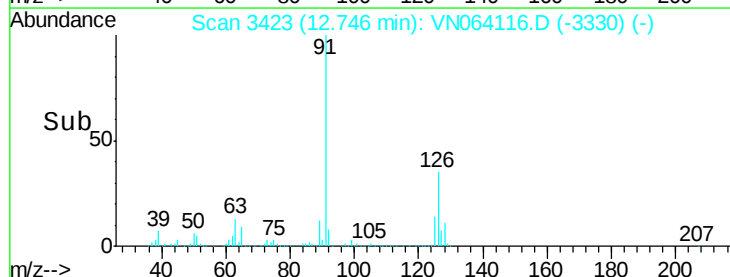
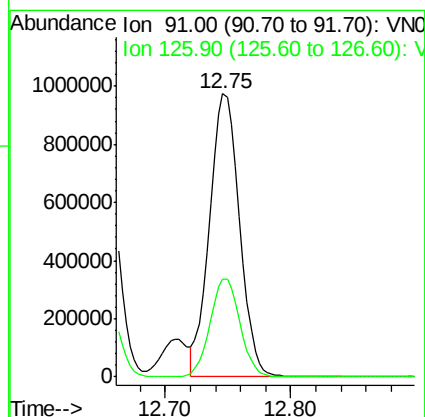
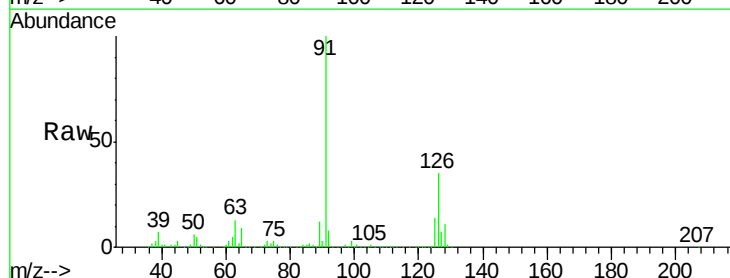
Acq: 14 Oct 2020 15:53

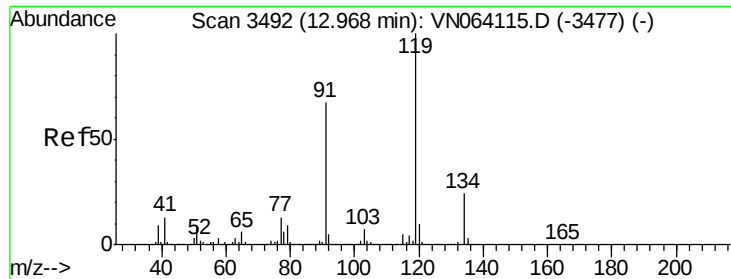
Tgt Ion: 91 Resp: 1609579

Ion Ratio Lower Upper

91 100

126 34.5 17.1 51.2

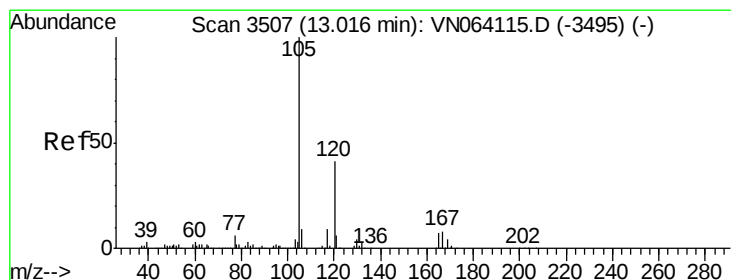
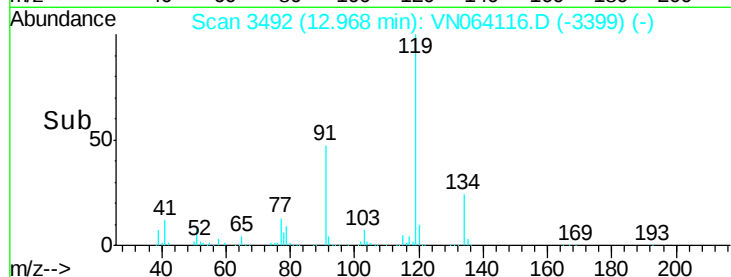
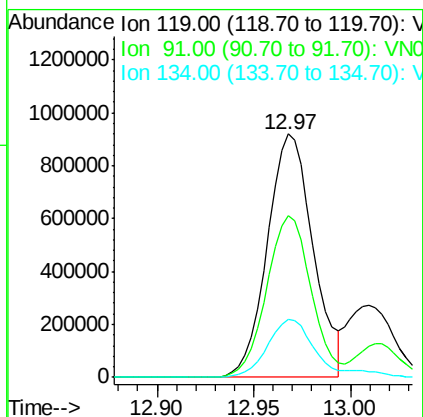
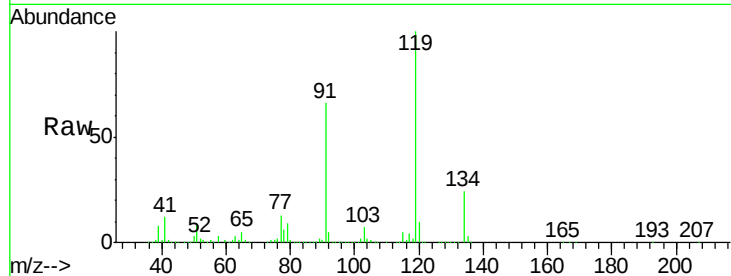




#83
 tert-Butylbenzene
 Concen: 96.144 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN064116.D
 Acq: 14 Oct 2020 15:53

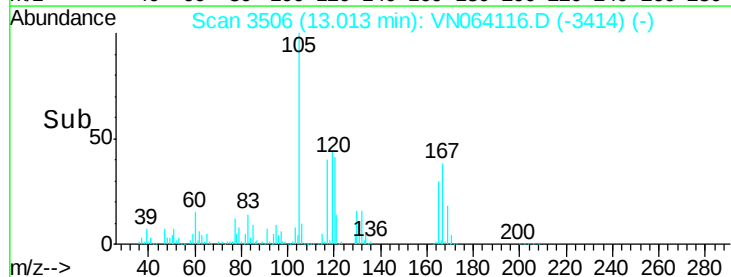
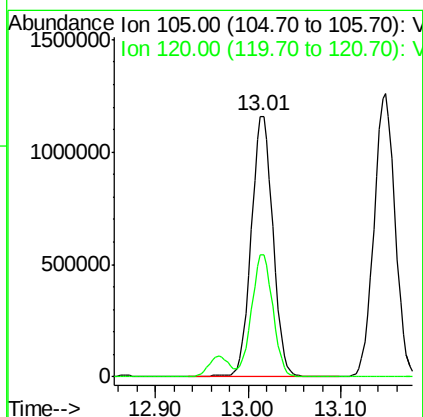
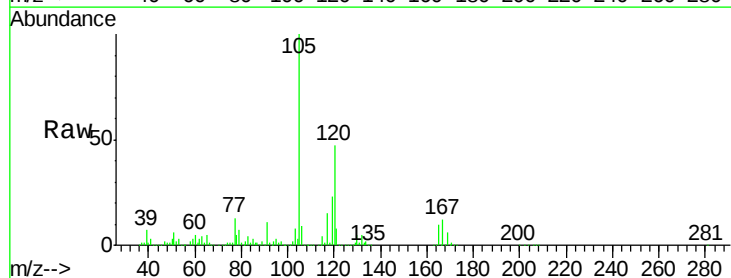
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

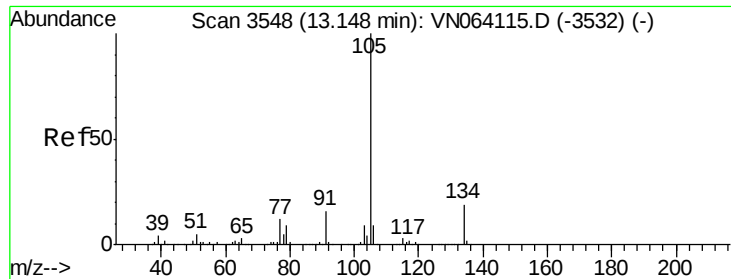
Tgt Ion:119 Resp: 1517417
 Ion Ratio Lower Upper
 119 100
 91 64.8 32.6 98.0
 134 25.6 13.0 39.0



#84
 1,2,4-Trimethylbenzene
 Concen: 97.926 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. -0.00 min
 Lab File: VN064116.D
 Acq: 14 Oct 2020 15:53

Tgt Ion:105 Resp: 1877949
 Ion Ratio Lower Upper
 105 100
 120 45.9 22.8 68.4





#85

sec-Butylbenzene

Concen: 95.887 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN064116.D

Acq: 14 Oct 2020 15:53

Instrument :

MSVOA_N

ClientSampleId :

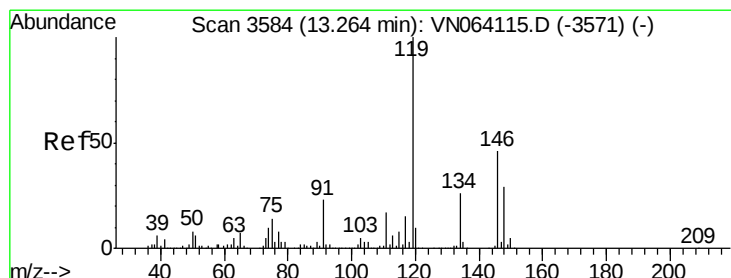
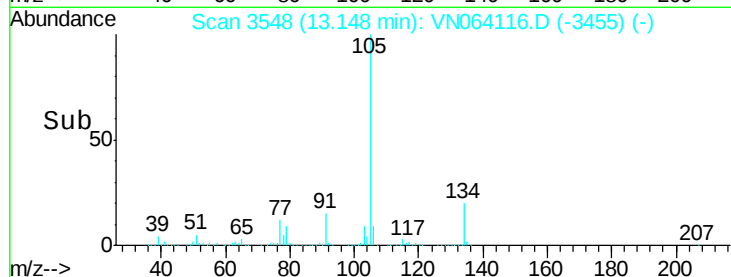
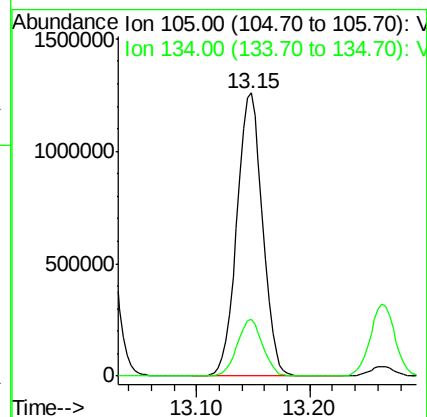
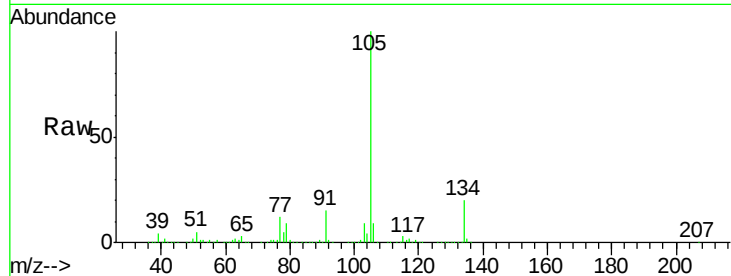
VSTDIC100

Tgt Ion:105 Resp: 1983389

Ion Ratio Lower Upper

105 100

134 19.8 9.7 29.1



#86

p-Isopropyltoluene

Concen: 99.070 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064116.D

Acq: 14 Oct 2020 15:53

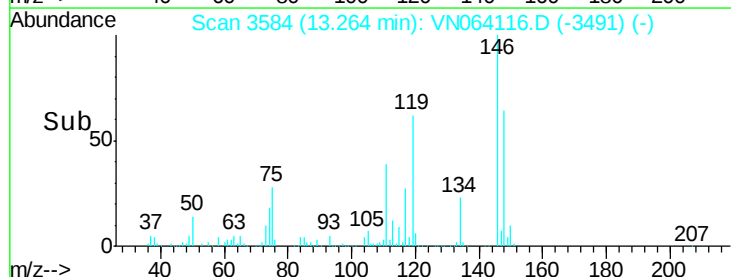
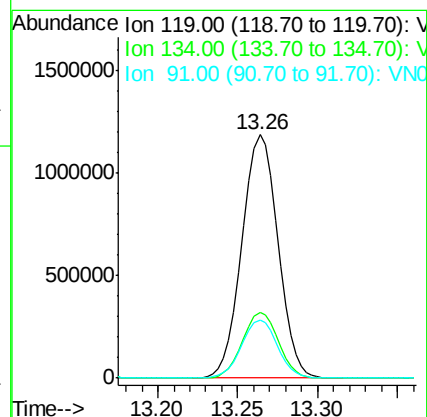
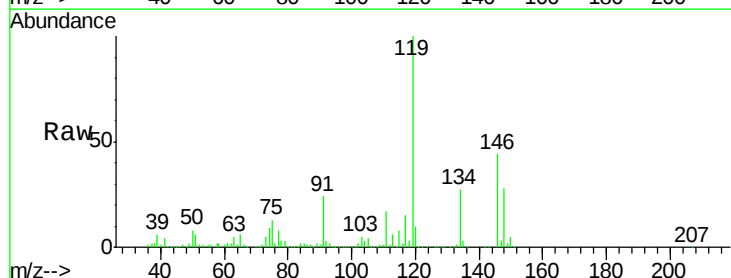
Tgt Ion:119 Resp: 1810530

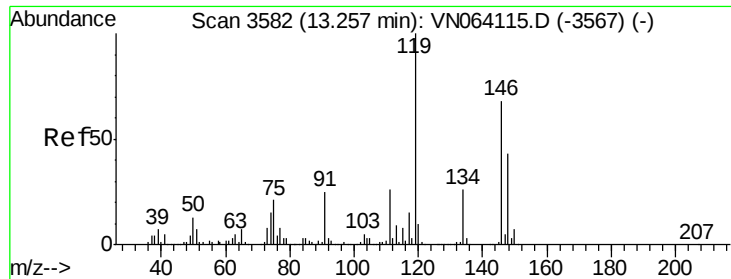
Ion Ratio Lower Upper

119 100

134 26.9 13.2 39.5

91 23.7 12.0 36.1

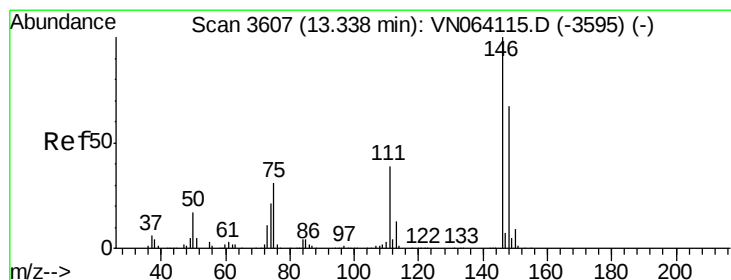
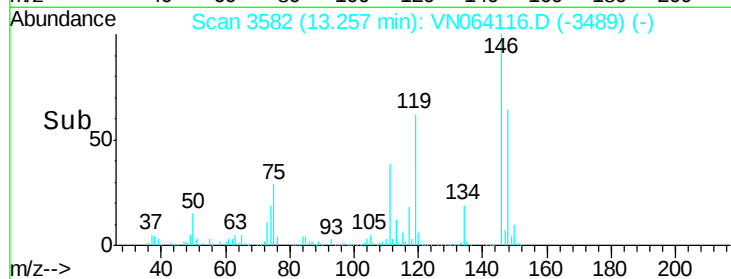
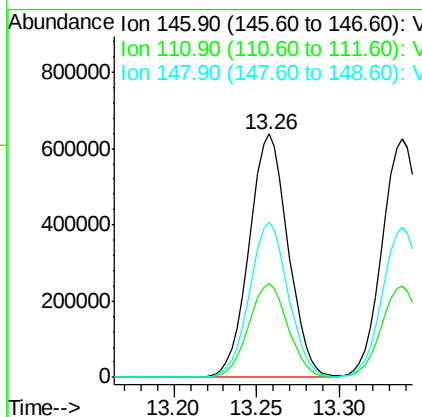
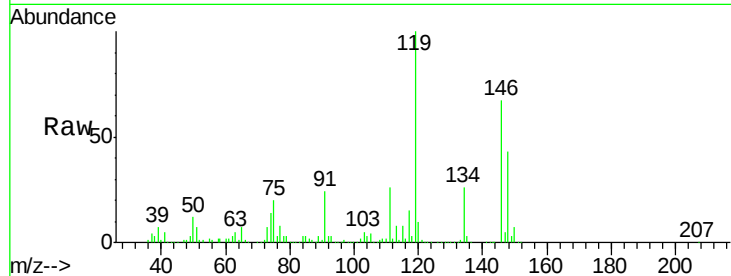




#87
 1,3-Dichlorobenzene
 Concen: 100.997 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064116.D
 Acq: 14 Oct 2020 15:53

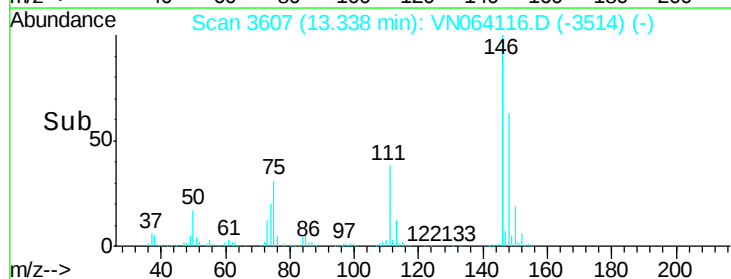
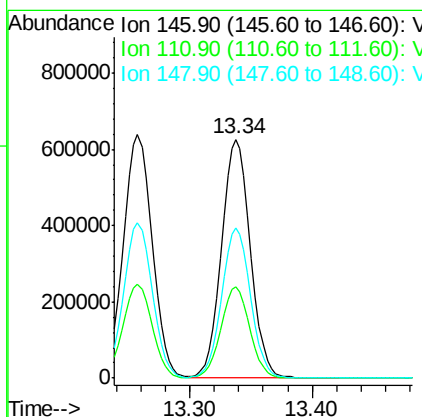
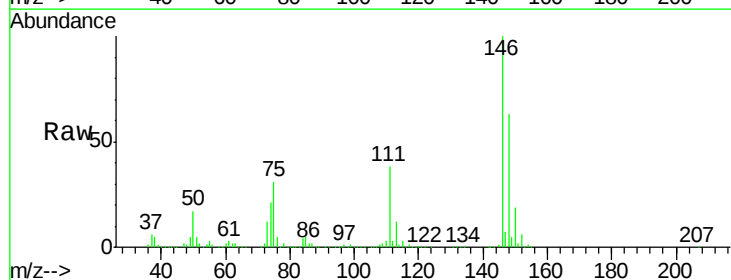
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

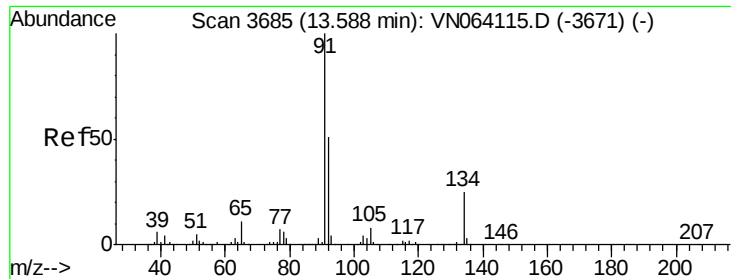
Tgt Ion:146 Resp: 1040159
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.7 59.1
 148 63.6 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 96.728 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064116.D
 Acq: 14 Oct 2020 15:53

Tgt Ion:146 Resp: 1038221
 Ion Ratio Lower Upper
 146 100
 111 38.0 19.3 57.9
 148 63.1 32.1 96.5





#89

n-Butylbenzene

Concen: 92.839 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. 0.00 min

Lab File: VN064116.D

Acq: 14 Oct 2020 15:53

Instrument :

MSVOA_N

ClientSampled :

VSTDICC100

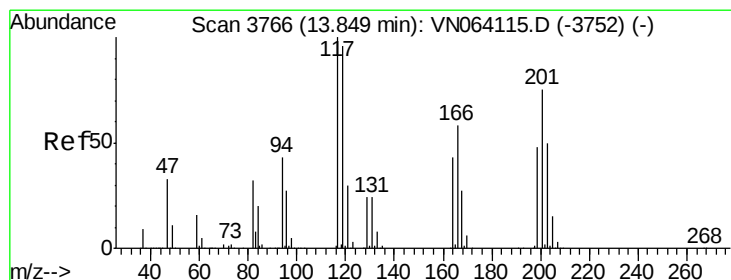
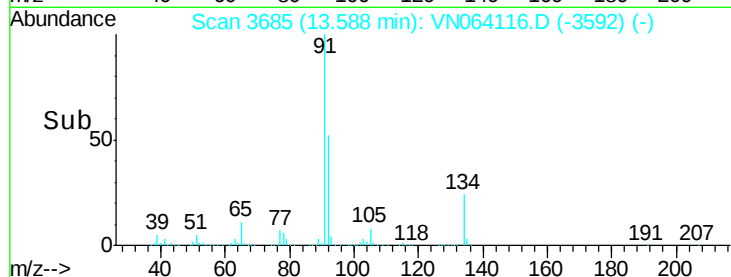
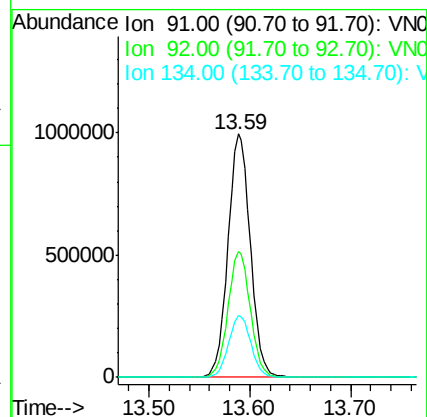
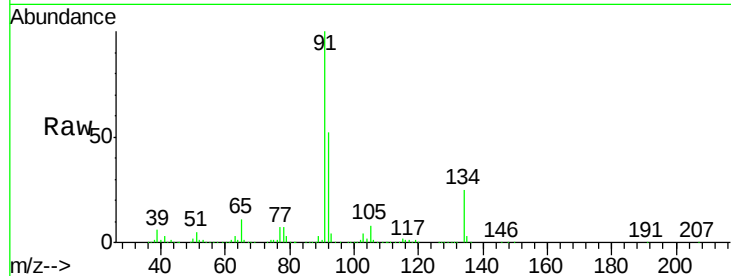
Tgt Ion: 91 Resp: 1544200

Ion Ratio Lower Upper

91 100

92 51.5 25.6 76.6

134 25.4 12.6 37.8



#90

Hexachloroethane

Concen: 87.336 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. 0.00 min

Lab File: VN064116.D

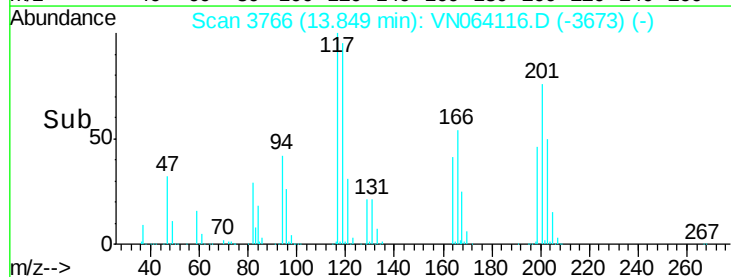
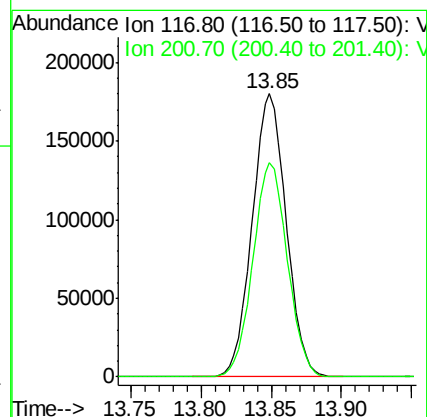
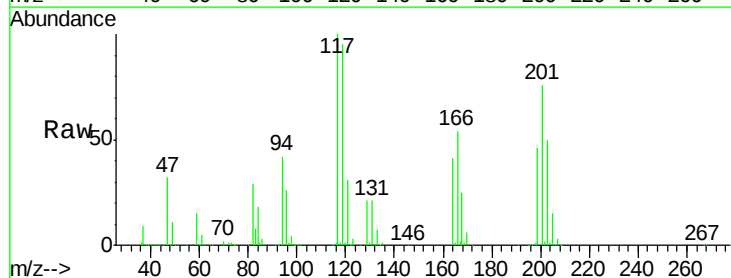
Acq: 14 Oct 2020 15:53

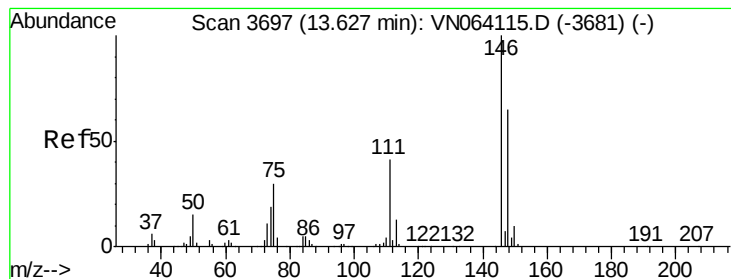
Tgt Ion: 117 Resp: 303675

Ion Ratio Lower Upper

117 100

201 76.8 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 99.242 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. 0.00 min

Lab File: VN064116.D

Acq: 14 Oct 2020 15:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

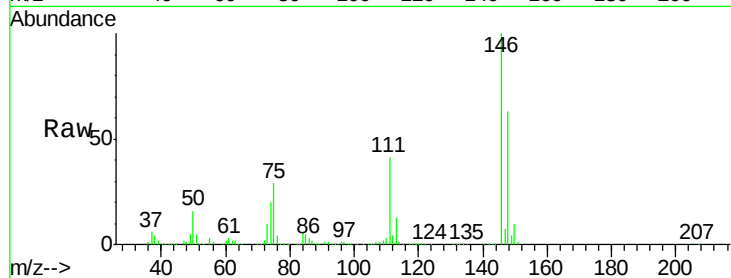
Tgt Ion:146 Resp: 1017908

Ion Ratio Lower Upper

146 100

111 40.7 20.3 60.8

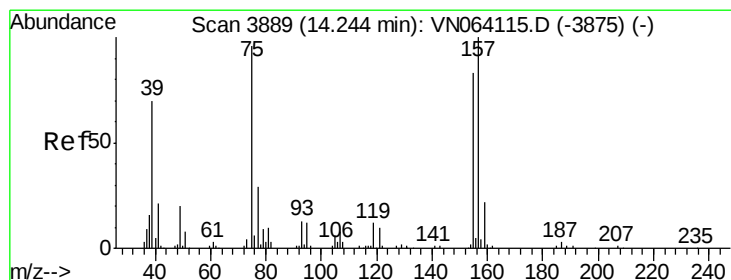
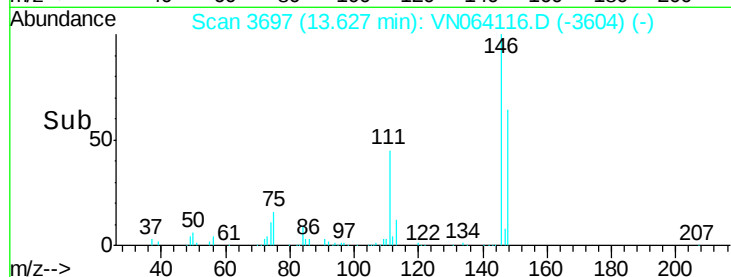
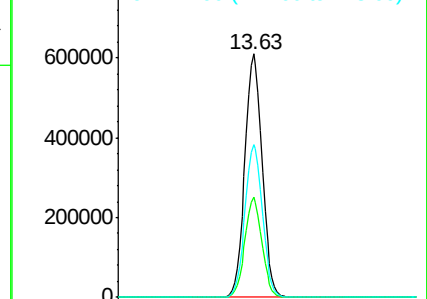
148 63.5 32.2 96.6



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: 83.122 ug/l

RT: 14.24 min Scan# 3889

Delta R.T. 0.00 min

Lab File: VN064116.D

Acq: 14 Oct 2020 15:53

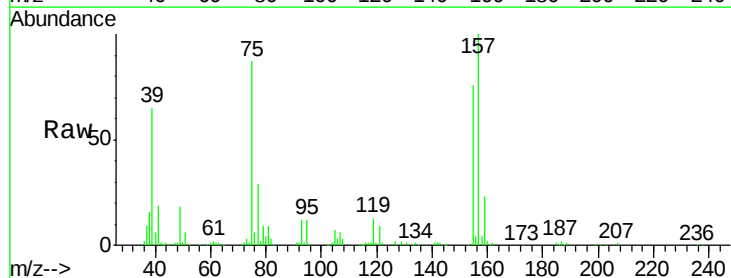
Tgt Ion: 75 Resp: 134571

Ion Ratio Lower Upper

75 100

155 86.1 40.8 122.2

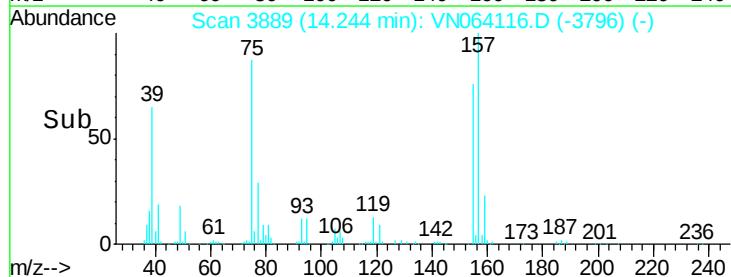
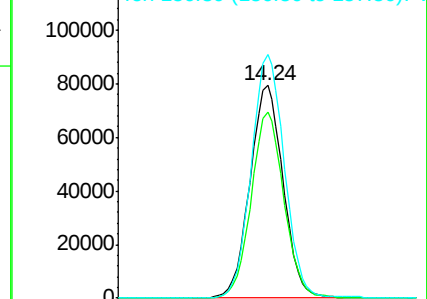
157 113.3 53.9 161.7

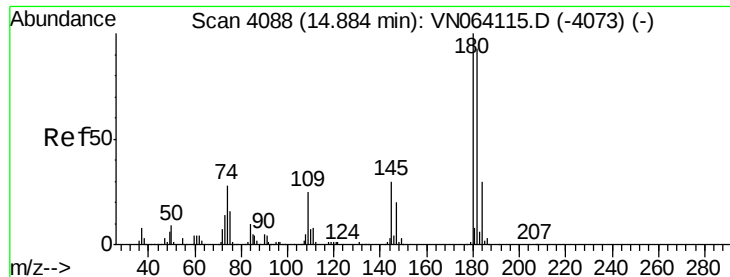


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

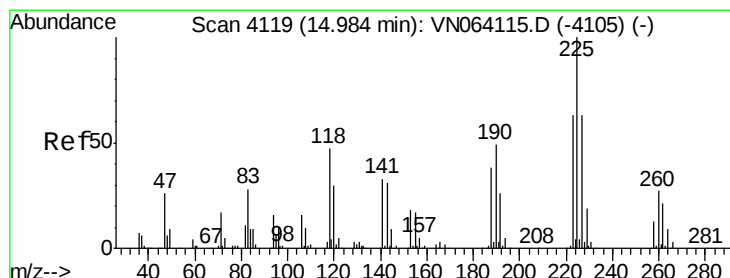
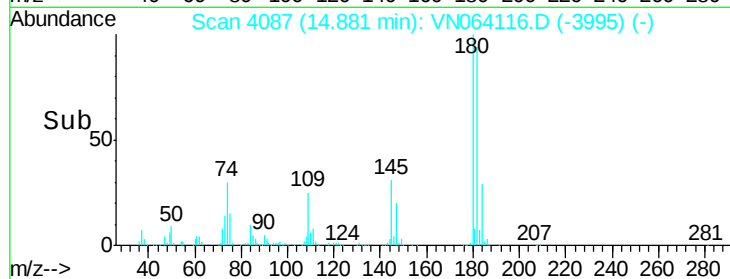
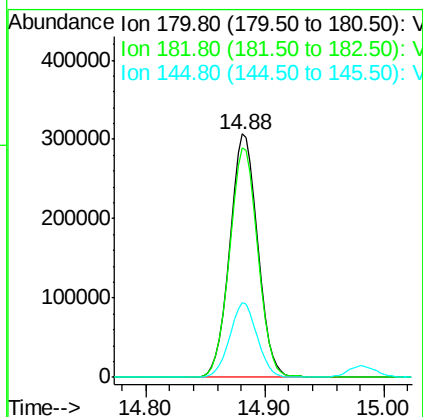
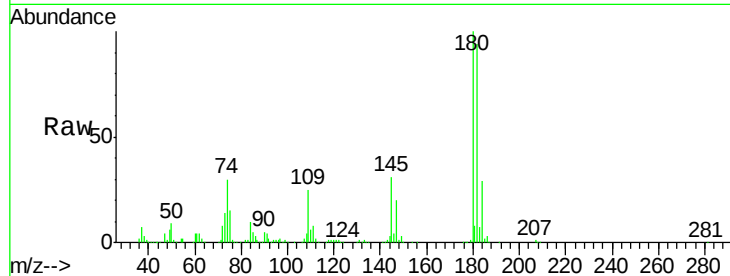




#93
 1,2,4-Trichlorobenzene
 Concen: 91.122 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN064116.D
 Acq: 14 Oct 2020 15:53

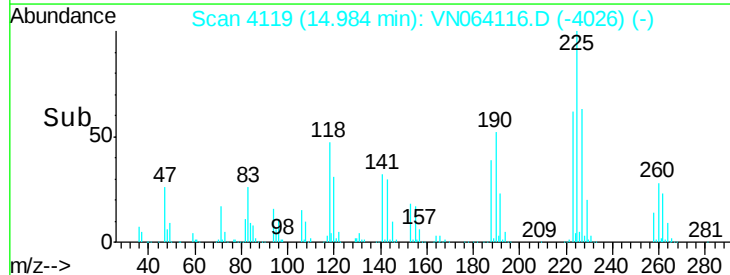
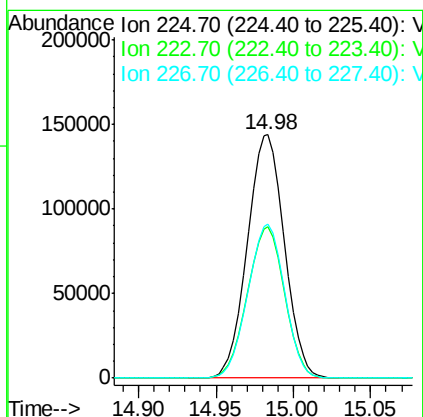
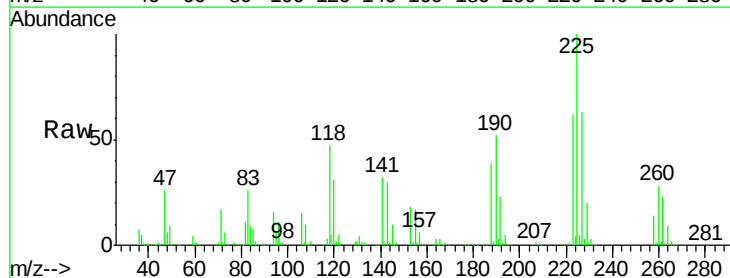
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

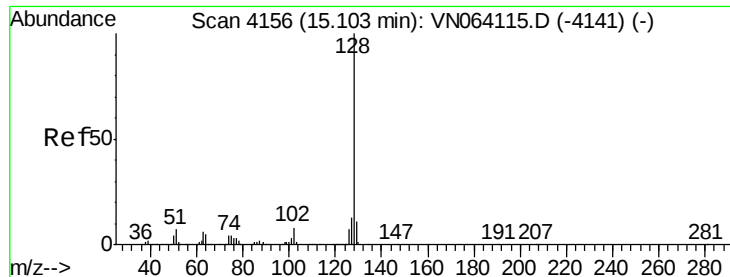
Tgt Ion:180 Resp: 498872
 Ion Ratio Lower Upper
 180 100
 182 95.2 45.8 137.4
 145 30.3 15.4 46.1



#94
 Hexachlorobutadiene
 Concen: 75.805 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN064116.D
 Acq: 14 Oct 2020 15:53

Tgt Ion:225 Resp: 240118
 Ion Ratio Lower Upper
 225 100
 223 62.5 32.3 96.9
 227 62.6 31.6 94.8

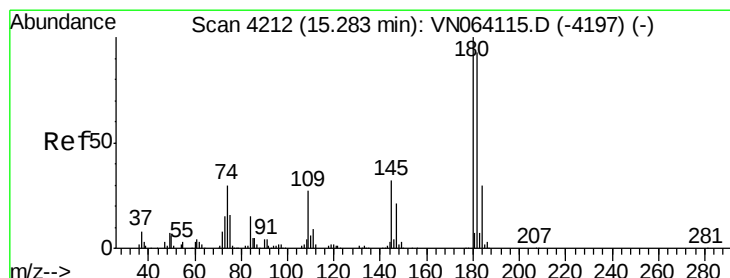
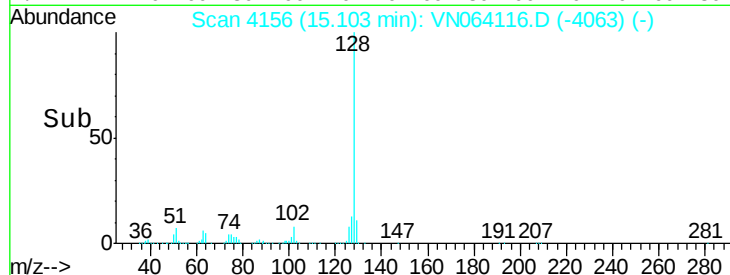
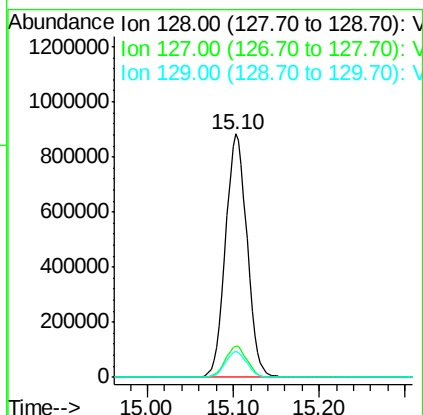
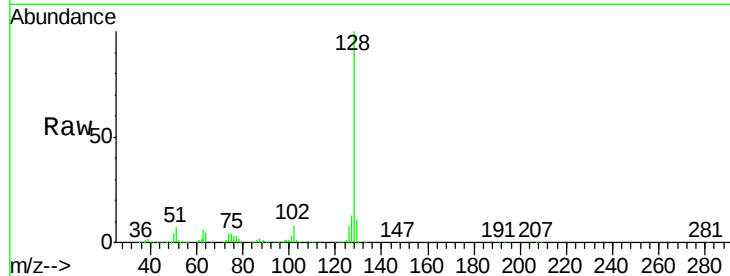




#95
Naphthalene
Concen: 92.067 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064116.D
Acq: 14 Oct 2020 15:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:128 Resp: 1535030
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.4
129 10.6 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 89.851 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN064116.D
Acq: 14 Oct 2020 15:53

Tgt Ion:180 Resp: 495767
Ion Ratio Lower Upper
180 100
182 95.8 46.6 139.8
145 31.8 16.1 48.2

