

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101420\
 Data File : VN064114.D
 Acq On : 14 Oct 2020 15:06
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Quant Time: Oct 14 15:58:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 14 15:55:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	336769	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	573061	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	540499	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	241411	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	88195	16.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	32.80%	
35) Dibromofluoromethane	7.55	113	67434	17.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	34.16%	
50) Toluene-d8	10.06	98	258614	17.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	34.38%	
62) 4-Bromofluorobenzene	12.38	95	84504	15.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	30.46%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	70551	19.956	ug/l	98
3) Chloromethane	2.04	50	84727	20.321	ug/l	98
4) Vinyl Chloride	2.16	62	104322	24.144	ug/l	99
5) Bromomethane	2.53	94	75879	26.500	ug/l	96
6) Chloroethane	2.68	64	83824	30.898	ug/l	99
7) Trichlorofluoromethane	2.99	101	142391	21.350	ug/l	100
8) Diethyl Ether	3.38	74	44300	19.950	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	72175	20.463	ug/l	98
10) Methyl Iodide	3.91	142	97007	23.026	ug/l	100
11) Tert butyl alcohol	4.73	59	51404	86.555	ug/l	98
12) 1,1-Dichloroethene	3.70	96	71837	21.127	ug/l	98
13) Acrolein	3.57	56	37833	97.610	ug/l	97
14) Allyl chloride	4.28	41	109149	17.804	ug/l	99
15) Acrylonitrile	4.93	53	162607	94.566	ug/l	99
16) Acetone	3.78	43	143915	86.602	ug/l	96
17) Carbon Disulfide	4.01	76	208200	20.875	ug/l	100
18) Methyl Acetate	4.28	43	70227	16.301	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	213117	17.767	ug/l	97
20) Methylene Chloride	4.51	84	89908	21.066	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	82008	21.394	ug/l	97
22) Diisopropyl ether	5.90	45	227702	18.103	ug/l	94
23) Vinyl Acetate	5.85	43	1006946	95.652	ug/l	99
24) 1,1-Dichloroethane	5.80	63	156758	21.280	ug/l	98
25) 2-Butanone	6.79	43	232197	97.599	ug/l	97
26) 2,2-Dichloropropane	6.78	77	121803	18.363	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	96182	21.852	ug/l	98
28) Bromochloromethane	7.15	49	59499	16.608	ug/l	# 96
29) Tetrahydrofuran	7.16	42	136864	86.993	ug/l	98
30) Chloroform	7.33	83	165713	21.442	ug/l	98
31) Cyclohexane	7.62	56	109237	17.430	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	143594	20.764	ug/l	97
36) 1,1-Dichloropropene	7.75	75	117377	20.254	ug/l	99
37) Ethyl Acetate	6.88	43	101829	17.930	ug/l	99
38) Carbon Tetrachloride	7.74	117	128018	19.826	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101420\
 Data File : VN064114.D
 Acq On : 14 Oct 2020 15:06
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Quant Time: Oct 14 15:58:37 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)
39) Methylcyclohexane	9.05	83	97389	17.271	ug/l	97
40) Benzene	8.00	78	356429	21.316	ug/l	99
41) Methacrylonitrile	7.16	41	135625	55.062	ug/l #	37
42) 1,2-Dichloroethane	8.09	62	129092	18.578	ug/l	99
43) Isopropyl Acetate	8.13	43	167836	18.139	ug/l	98
44) Trichloroethene	8.80	130	94775	21.563	ug/l	98
45) 1,2-Dichloropropane	9.08	63	92427	20.664	ug/l	98
46) Dibromomethane	9.17	93	65018	20.957	ug/l	98
47) Bromodichloromethane	9.37	83	130131	20.496	ug/l	96
48) Methyl methacrylate	9.17	41	80630	17.613	ug/l	99
49) 1,4-Dioxane	9.17	88	23178	355.975	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	523987	96.155	ug/l	100
52) Toluene	10.13	92	219160	21.189	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	130883	19.352	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	144458	20.360	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	93116	22.503	ug/l	96
56) Ethyl methacrylate	10.40	69	115808	19.981	ug/l	98
57) 1,3-Dichloropropane	10.68	76	151773	21.779	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	252189	81.795	ug/l	99
59) 2-Hexanone	10.72	43	368403	91.281	ug/l	99
60) Dibromochloromethane	10.87	129	101826	21.079	ug/l	99
61) 1,2-Dibromoethane	10.98	107	94971	22.352	ug/l	100
64) Tetrachloroethene	10.60	164	92846	21.940	ug/l	98
65) Chlorobenzene	11.41	112	245544	21.890	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	90617	21.158	ug/l	96
67) Ethyl Benzene	11.49	91	411885	20.446	ug/l	99
68) m/p-Xylenes	11.60	106	317018	41.964	ug/l	100
69) o-Xylene	11.92	106	147199	20.841	ug/l	99
70) Styrene	11.94	104	246782	20.637	ug/l	98
71) Bromoform	12.10	173	67646	20.701	ug/l #	100
73) Isopropylbenzene	12.22	105	388450	22.031	ug/l	100
74) N-amyl acetate	12.05	43	137735	19.356	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	125726	23.138	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	164104	30.806	ug/l #	100
77) Bromobenzene	12.50	156	101908	23.180	ug/l	98
78) n-propylbenzene	12.57	91	432536	21.107	ug/l	100
79) 2-Chlorotoluene	12.65	91	269071	21.296	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	312185	21.103	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	37487	20.399	ug/l	91
82) 4-Chlorotoluene	12.75	91	273458	20.935	ug/l	99
83) tert-Butylbenzene	12.97	119	258243	21.354	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	310602	21.137	ug/l	99
85) sec-Butylbenzene	13.15	105	331779	20.933	ug/l	98
86) p-Isopropyltoluene	13.26	119	294124	21.004	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	173812	22.025	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	171168	20.812	ug/l	99
89) n-Butylbenzene	13.59	91	233385	18.312	ug/l	98
90) Hexachloroethane	13.85	117	50700	19.029	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	169821	21.608	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	23759	19.152	ug/l	95

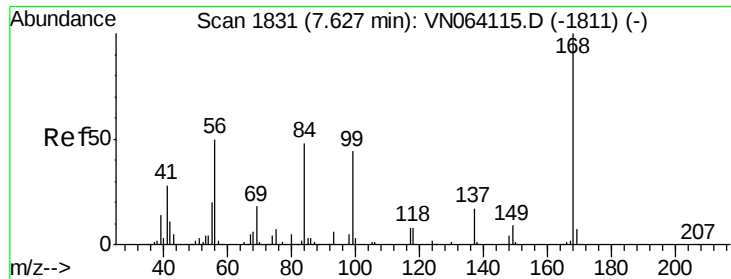
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101420\
Data File : VN064114.D
Acq On : 14 Oct 2020 15:06
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Quant Time: Oct 14 15:58:37 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)
93) 1,2,4-Trichlorobenzene	14.88	180	68966	16.440	ug/l	97
94) Hexachlorobutadiene	14.98	225	39301	16.192	ug/l	99
95) Naphthalene	15.10	128	202913	15.883	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	70945	16.780	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064114.D

Acq: 14 Oct 2020 15:06

Instrument :

MSVOA_N

ClientSampleId :

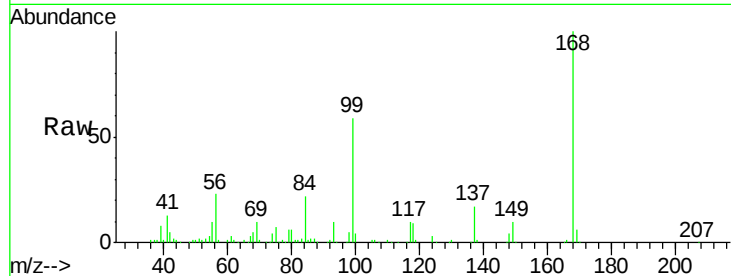
VSTDIC020

Tgt Ion:168 Resp: 336769

Ion Ratio Lower Upper

168 100

99 59.1 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

150000

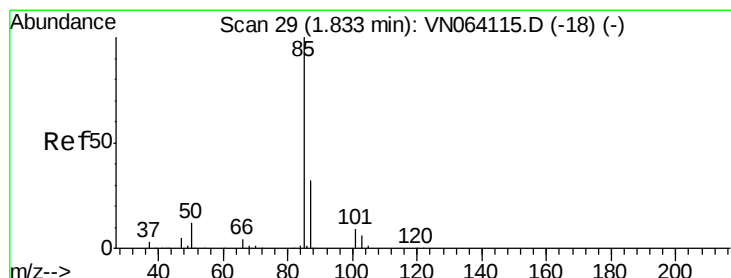
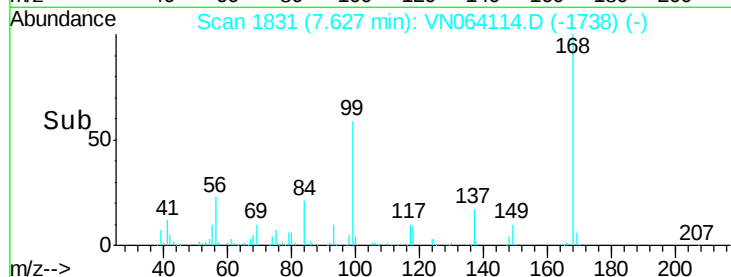
100000

50000

0

7.50 7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 19.956 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064114.D

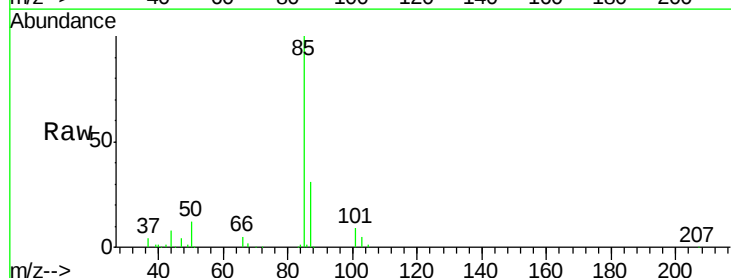
Acq: 14 Oct 2020 15:06

Tgt Ion: 85 Resp: 70551

Ion Ratio Lower Upper

85 100

87 30.9 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

60000

50000

40000

30000

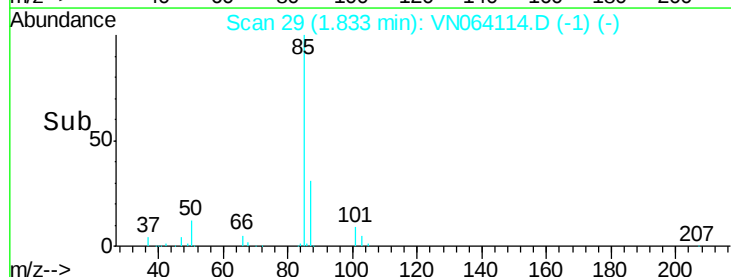
20000

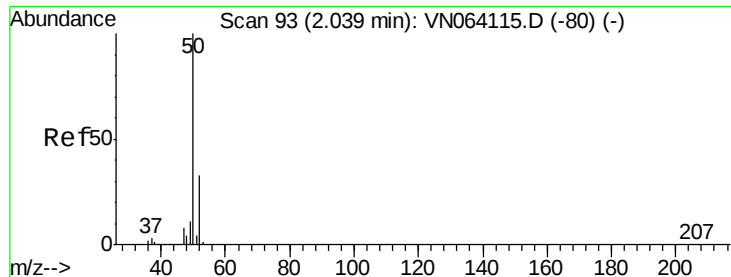
10000

0

1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 20.321 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN064114.D

Acq: 14 Oct 2020 15:06

Instrument :

MSVOA_N

ClientSampleId :

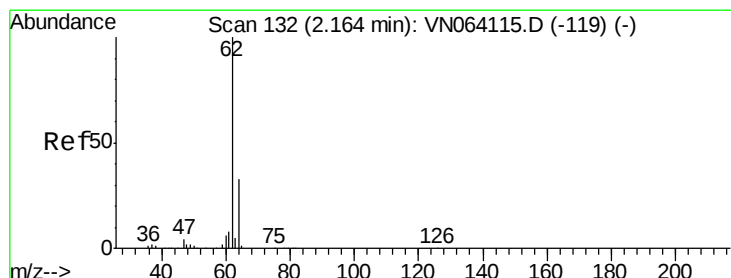
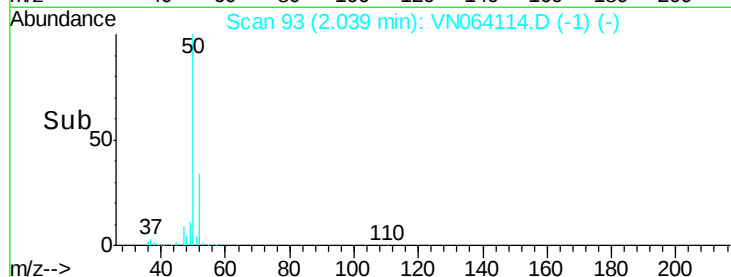
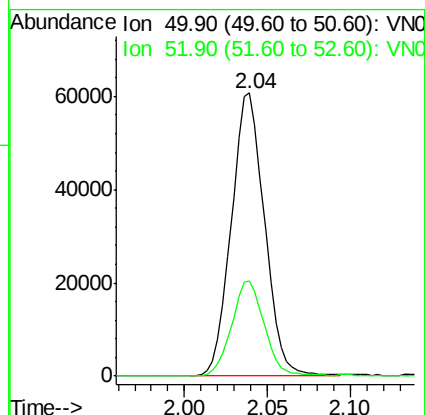
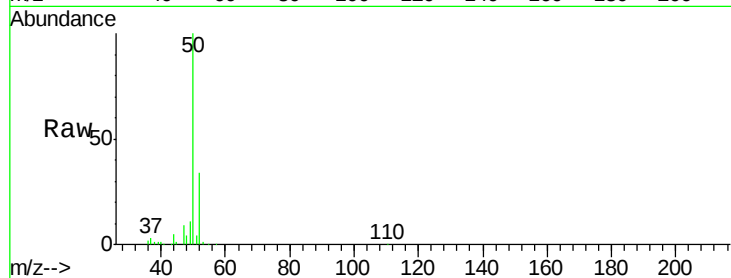
VSTDIC020

Tgt Ion: 50 Resp: 84727

Ion Ratio Lower Upper

50 100

52 33.6 26.1 39.1



#4

Vinyl Chloride

Concen: 24.144 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN064114.D

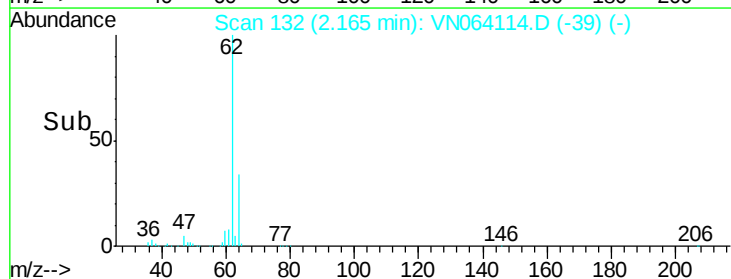
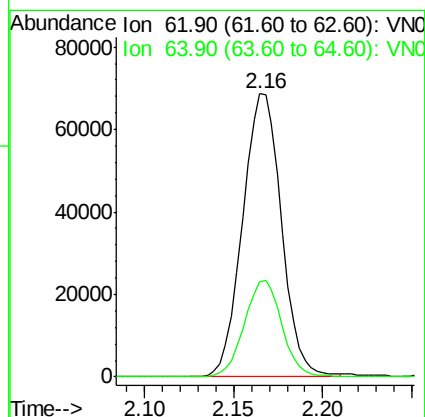
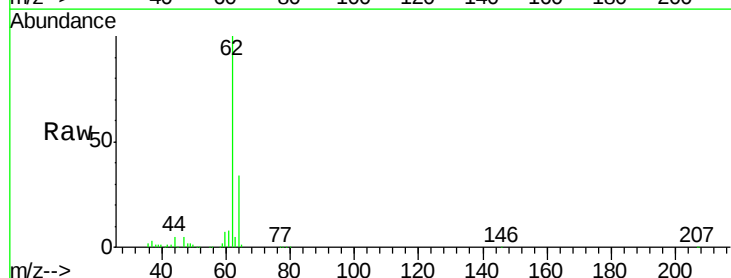
Acq: 14 Oct 2020 15:06

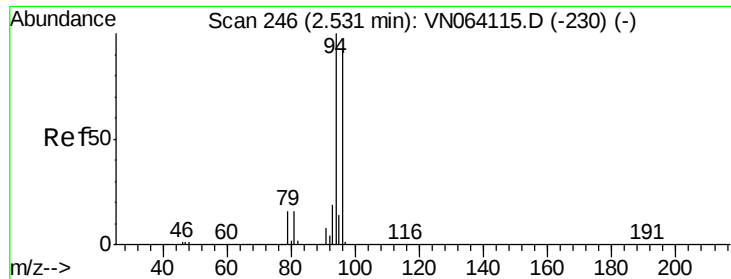
Tgt Ion: 62 Resp: 104322

Ion Ratio Lower Upper

62 100

64 33.6 26.2 39.4





#5

Bromomethane

Concen: 26.500 ug/l

RT: 2.53 min Scan# 247

Delta R.T. 0.00 min

Lab File: VN064114.D

Acq: 14 Oct 2020 15:06

Instrument :

MSVOA_N

ClientSampleId :

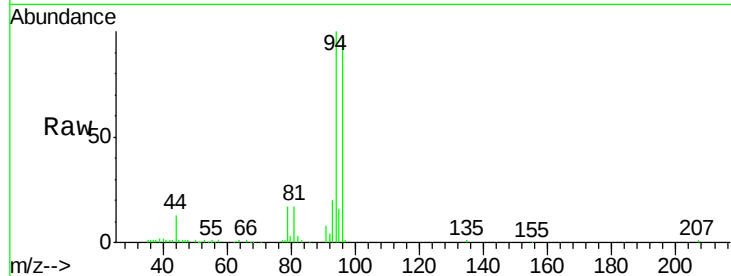
VSTDIC020

Tgt Ion: 94 Resp: 75879

Ion Ratio Lower Upper

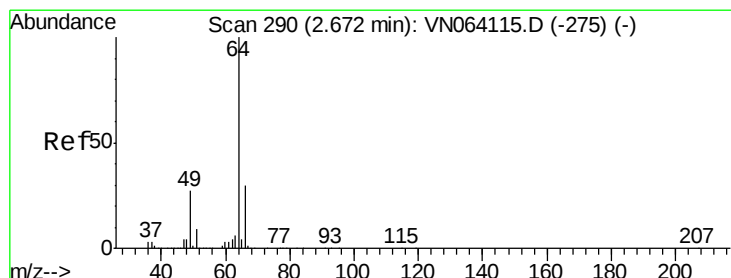
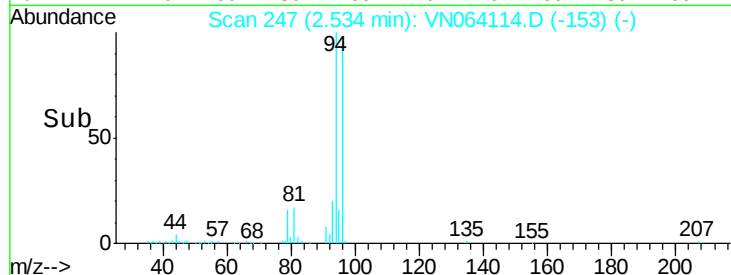
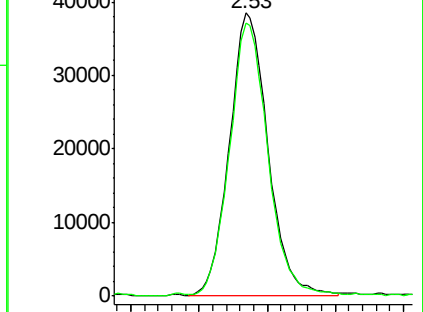
94 100

96 95.6 73.5 110.3



Abundance Ion 93.90 (93.60 to 94.60): VN064114.D (-153) (-)

Ion 95.90 (95.60 to 96.60): VN064114.D (-153) (-)



#6

Chloroethane

Concen: 30.898 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN064114.D

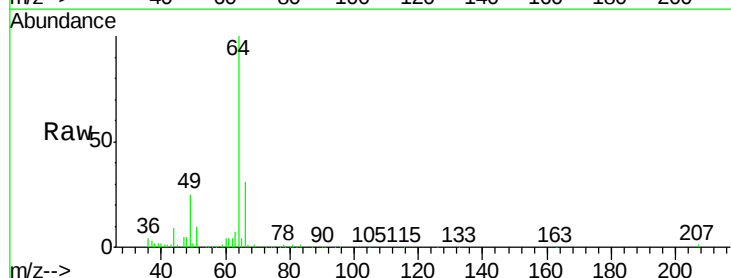
Acq: 14 Oct 2020 15:06

Tgt Ion: 64 Resp: 83824

Ion Ratio Lower Upper

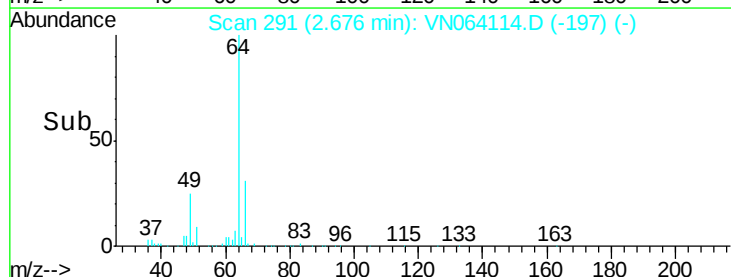
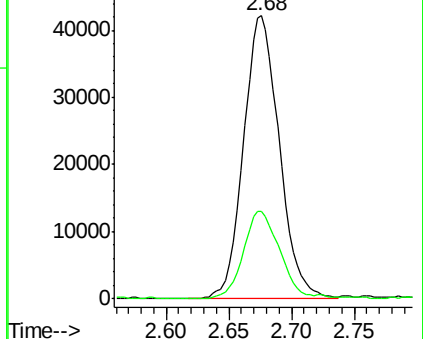
64 100

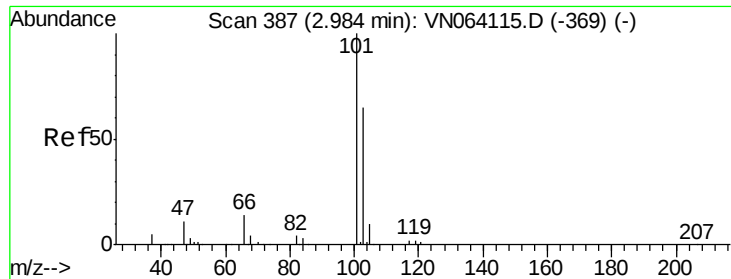
66 30.5 24.2 36.2



Abundance Ion 63.90 (63.60 to 64.60): VN064114.D (-197) (-)

Ion 65.90 (65.60 to 66.60): VN064114.D (-197) (-)



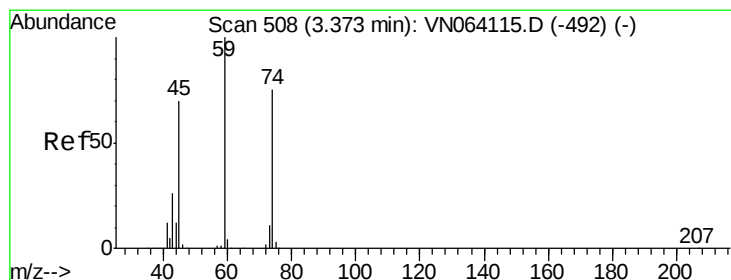
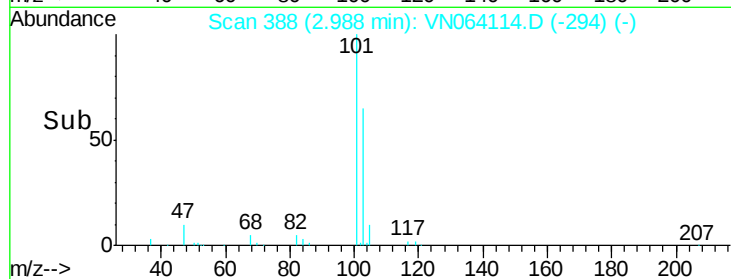
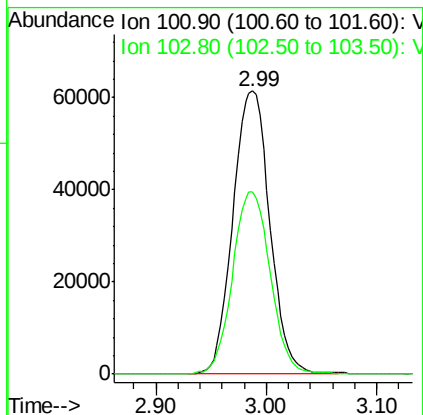
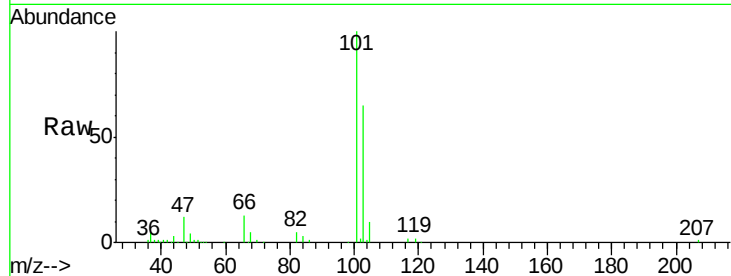


#7

Trichlorofluoromethane
 Concen: 21.350 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VN064114.D
 Acq: 14 Oct 2020 15:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

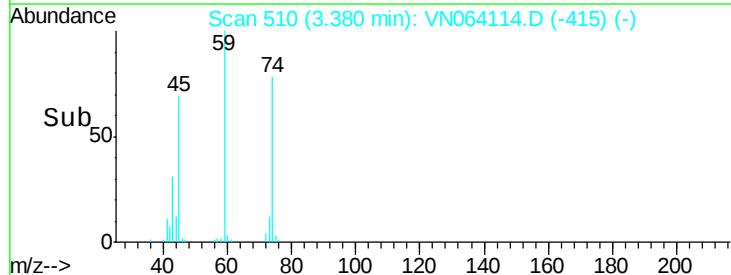
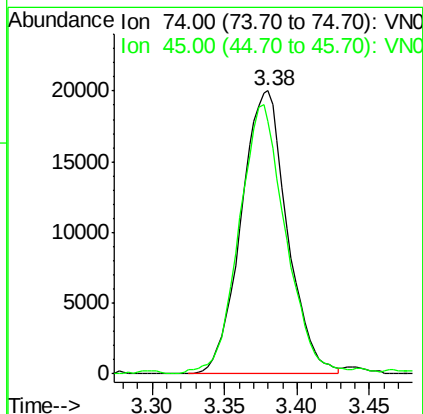
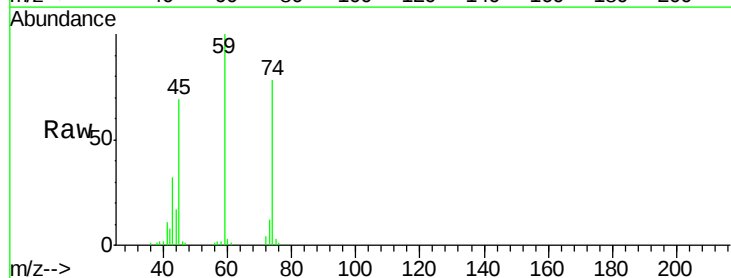
Tgt Ion:101 Resp: 142391
 Ion Ratio Lower Upper
 101 100
 103 64.6 51.8 77.6

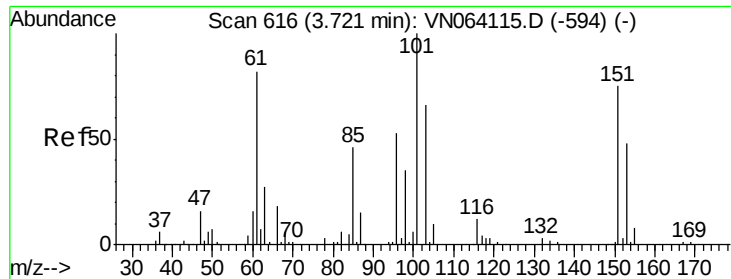


#8

Diethyl Ether
 Concen: 19.950 ug/l
 RT: 3.38 min Scan# 510
 Delta R.T. 0.01 min
 Lab File: VN064114.D
 Acq: 14 Oct 2020 15:06

Tgt Ion: 74 Resp: 44300
 Ion Ratio Lower Upper
 74 100
 45 95.6 47.0 141.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.463 ug/l

RT: 3.72 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN064114.D

Acq: 14 Oct 2020 15:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

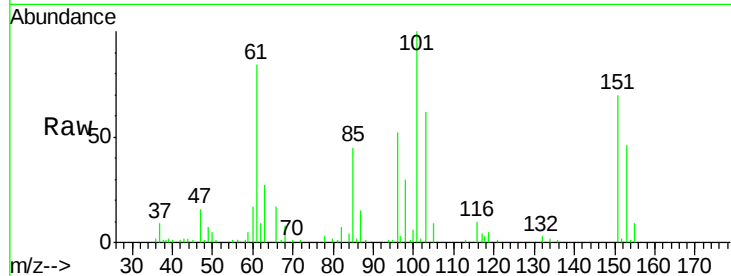
Tgt Ion:101 Resp: 72175

Ion Ratio Lower Upper

101 100

85 45.9 36.9 55.3

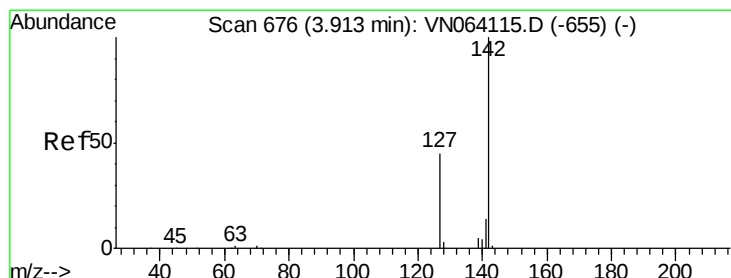
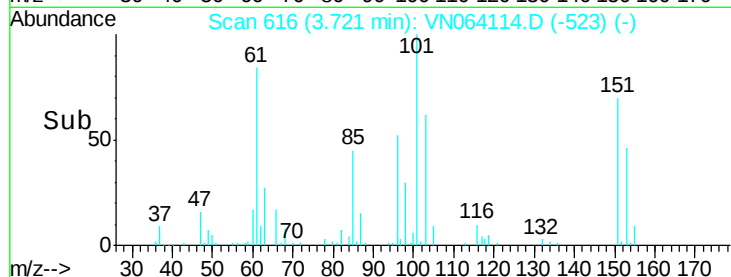
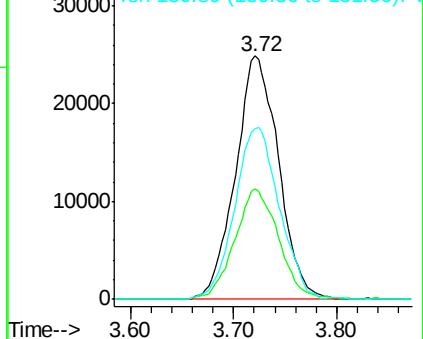
151 73.1 60.7 91.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 23.026 ug/l

RT: 3.91 min Scan# 676

Delta R.T. 0.00 min

Lab File: VN064114.D

Acq: 14 Oct 2020 15:06

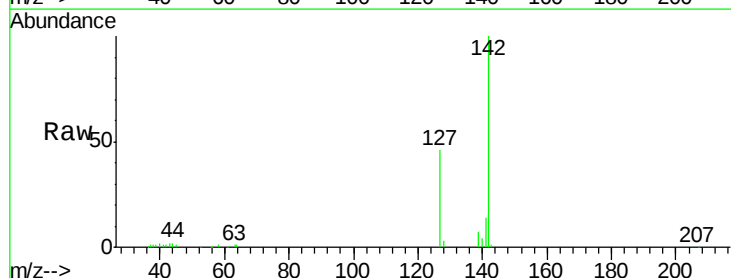
Tgt Ion:142 Resp: 97007

Ion Ratio Lower Upper

142 100

127 45.5 36.3 54.5

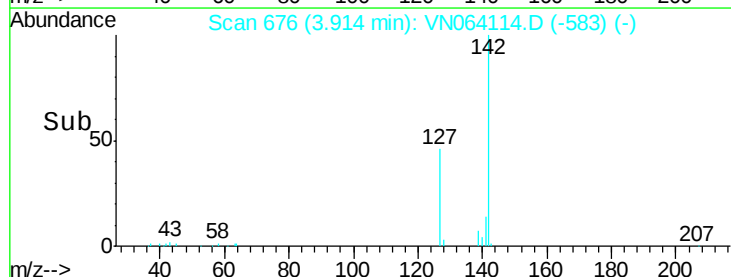
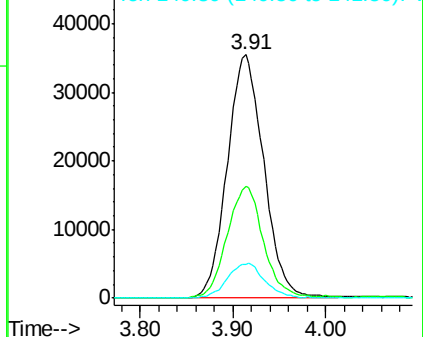
141 14.4 11.6 17.4

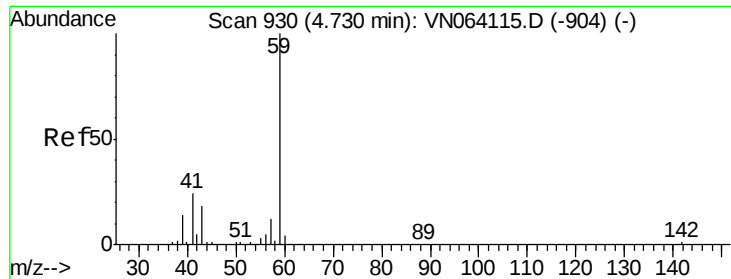


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

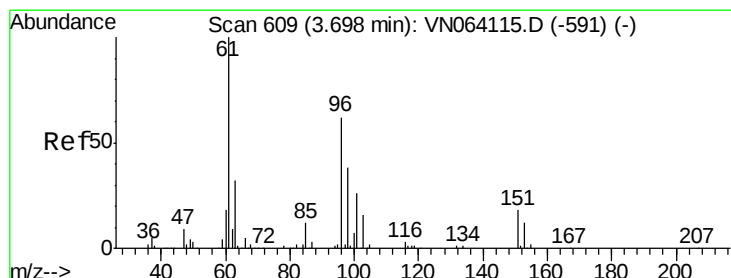
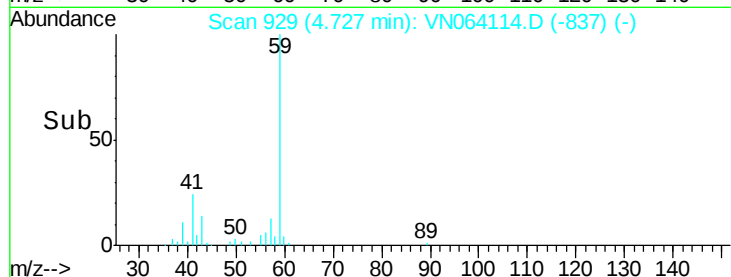
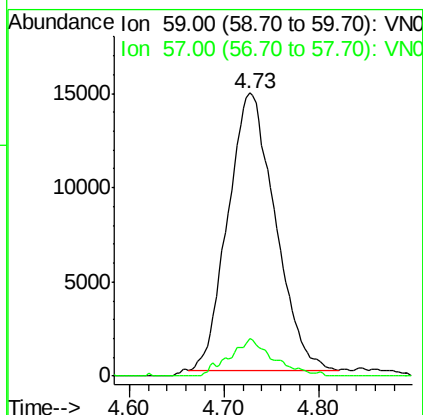
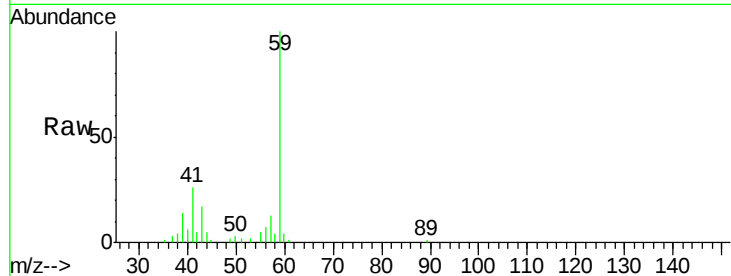




#11
Tert butyl alcohol
Concen: 86.555 ug/l
RT: 4.73 min Scan# 929
Delta R.T. -0.00 min
Lab File: VN064114.D
Acq: 14 Oct 2020 15:06

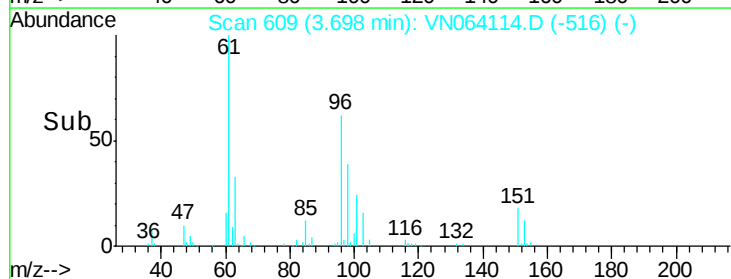
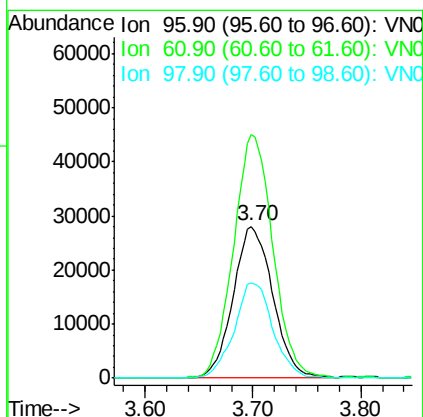
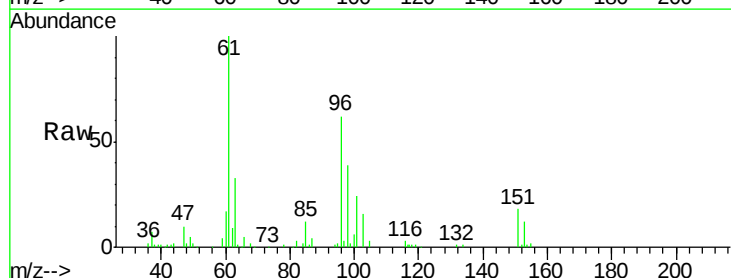
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

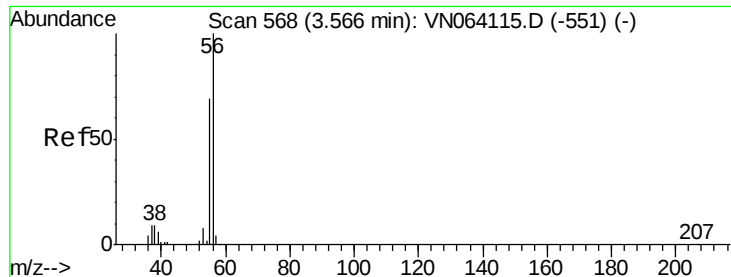
Tgt Ion: 59 Resp: 51404
Ion Ratio Lower Upper
59 100
57 10.5 8.9 13.3



#12
1,1-Dichloroethene
Concen: 21.127 ug/l
RT: 3.70 min Scan# 609
Delta R.T. 0.00 min
Lab File: VN064114.D
Acq: 14 Oct 2020 15:06

Tgt Ion: 96 Resp: 71837
Ion Ratio Lower Upper
96 100
61 159.8 129.9 194.9
98 62.8 48.9 73.3





#13

Acrolein

Concen: 97.610 ug/l

RT: 3.57 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN064114.D

Acq: 14 Oct 2020 15:06

Instrument :

MSVOA_N

ClientSampleId :

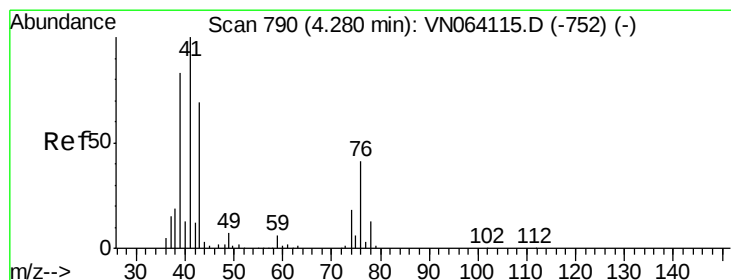
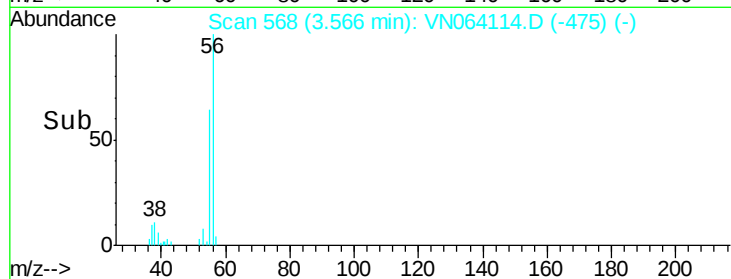
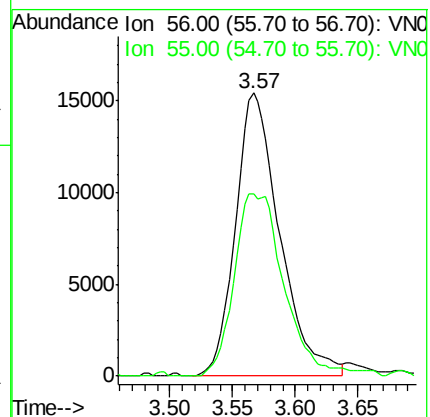
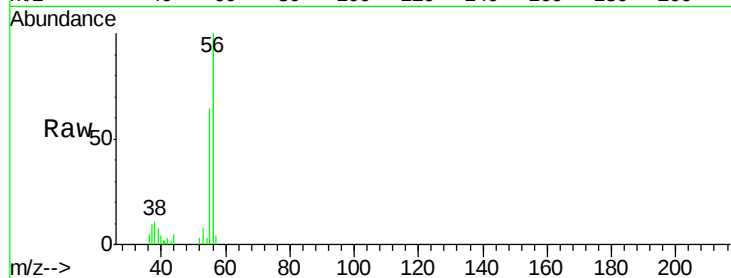
VSTDIC020

Tgt Ion: 56 Resp: 37833

Ion Ratio Lower Upper

56 100

55 72.2 55.8 83.6



#14

Allyl chloride

Concen: 17.804 ug/l

RT: 4.28 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN064114.D

Acq: 14 Oct 2020 15:06

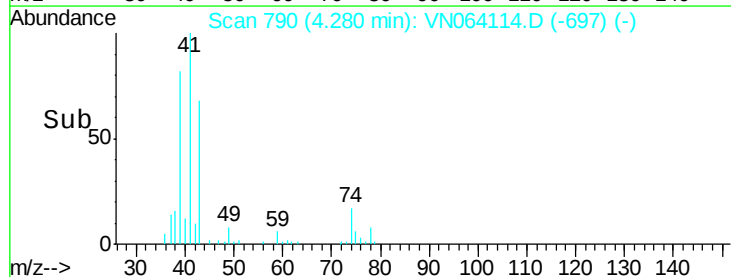
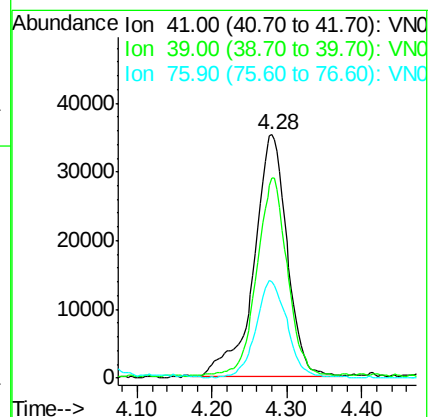
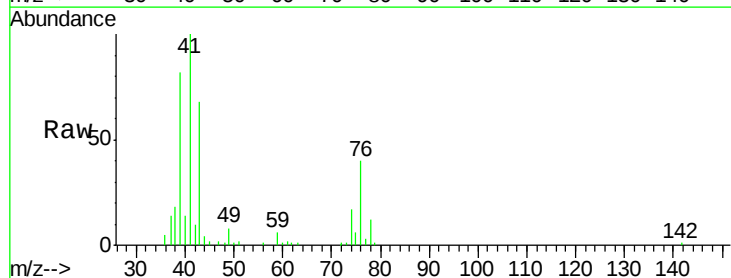
Tgt Ion: 41 Resp: 109149

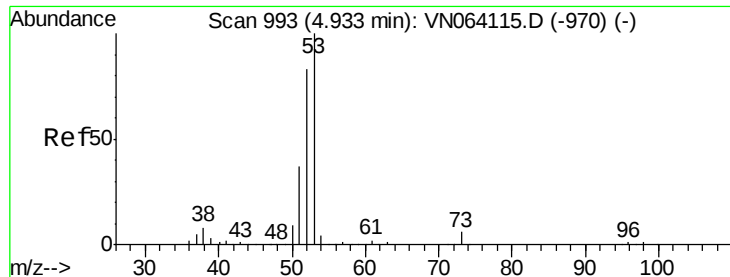
Ion Ratio Lower Upper

41 100

39 75.3 60.5 90.7

76 37.8 29.5 44.3





#15

Acrylonitrile

Concen: 94.566 ug/l

RT: 4.93 min Scan# 993

Delta R.T. 0.00 min

Lab File: VN064114.D

Acq: 14 Oct 2020 15:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

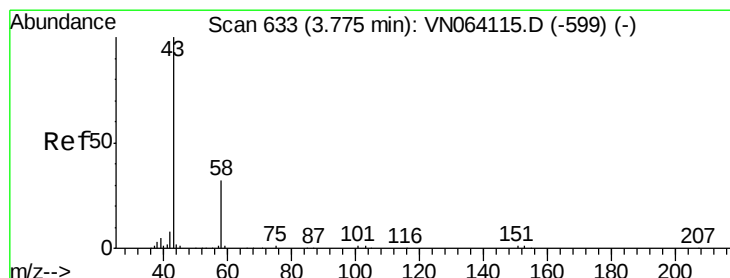
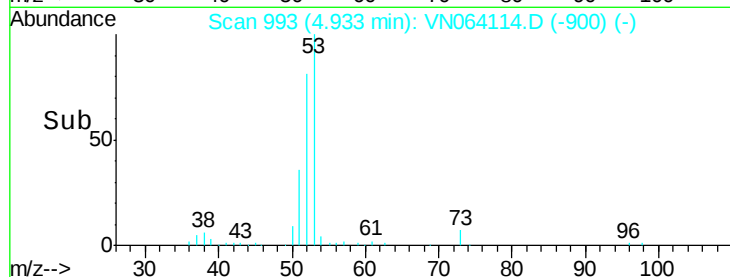
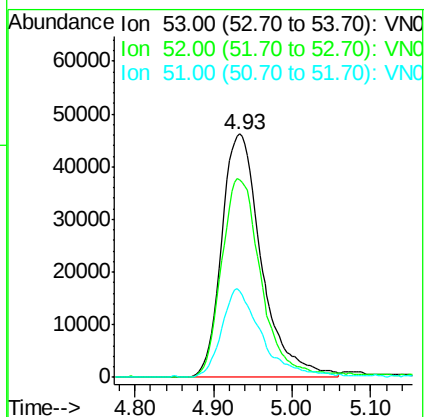
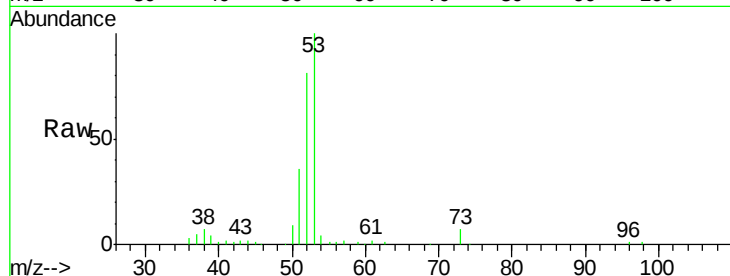
Tgt Ion: 53 Resp: 162607

Ion Ratio Lower Upper

53 100

52 80.5 65.8 98.6

51 36.5 29.4 44.2



#16

Acetone

Concen: 86.602 ug/l

RT: 3.78 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN064114.D

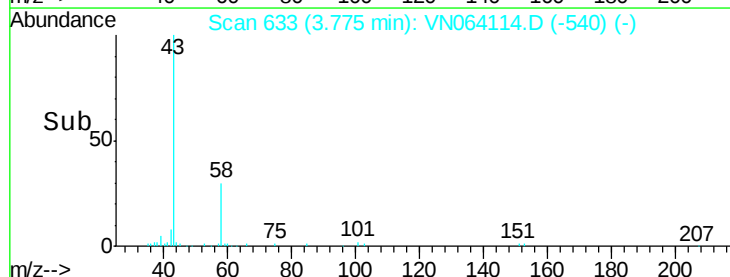
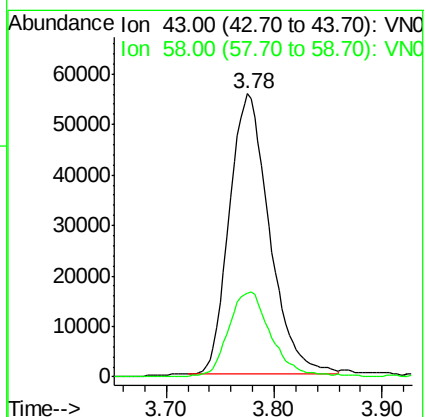
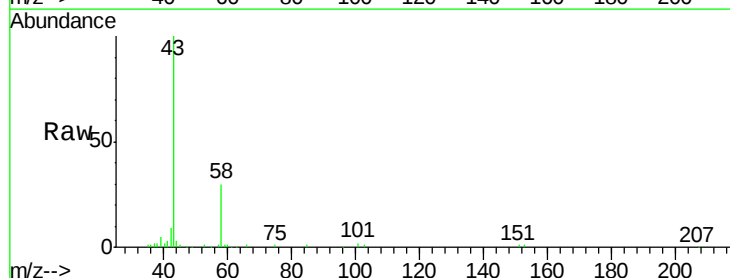
Acq: 14 Oct 2020 15:06

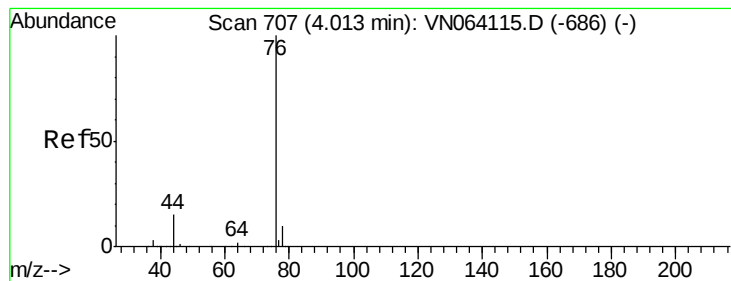
Tgt Ion: 43 Resp: 143915

Ion Ratio Lower Upper

43 100

58 29.5 25.2 37.8





#17

Carbon Disulfide

Concen: 20.875 ug/l

RT: 4.01 min Scan# 707

Delta R.T. 0.00 min

Lab File: VN064114.D

Acq: 14 Oct 2020 15:06

Instrument :

MSVOA_N

ClientSampleId :

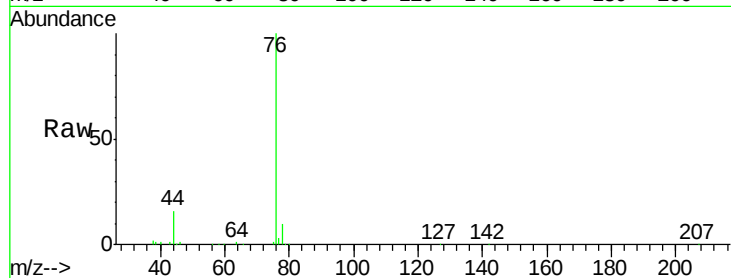
VSTDIC020

Tgt Ion: 76 Resp: 208200

Ion Ratio Lower Upper

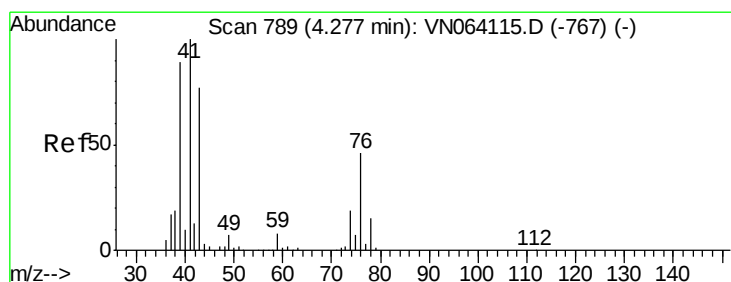
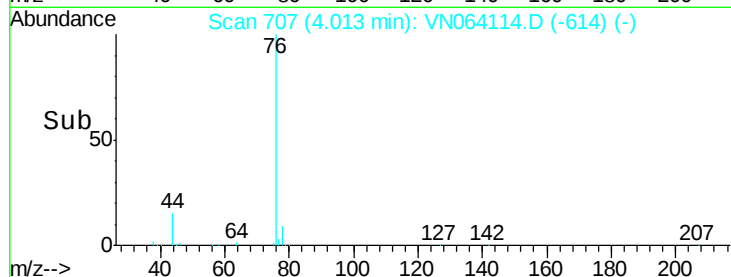
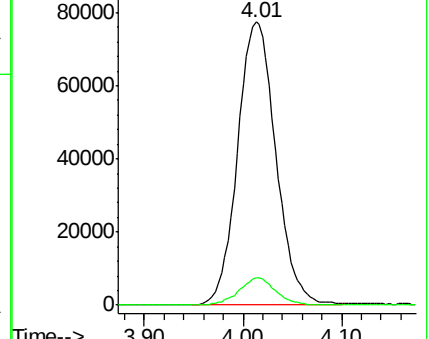
76 100

78 9.6 7.6 11.4



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 16.301 ug/l

RT: 4.28 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN064114.D

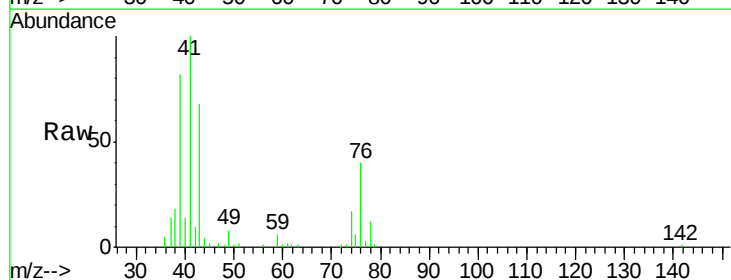
Acq: 14 Oct 2020 15:06

Tgt Ion: 43 Resp: 70227

Ion Ratio Lower Upper

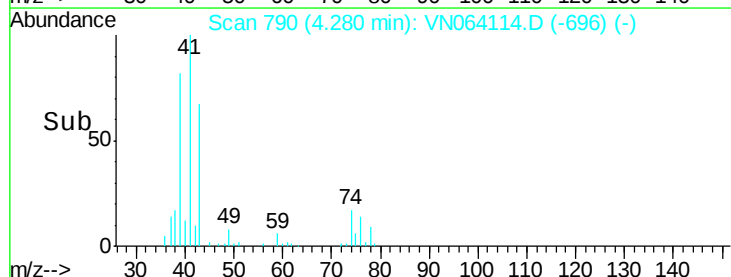
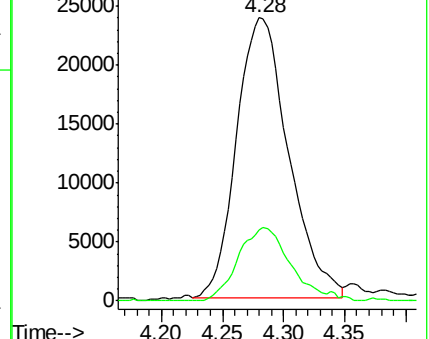
43 100

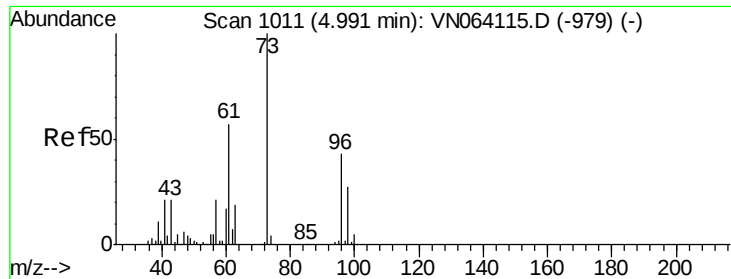
74 25.8 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

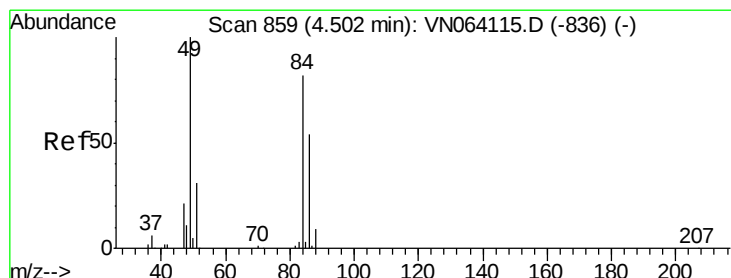
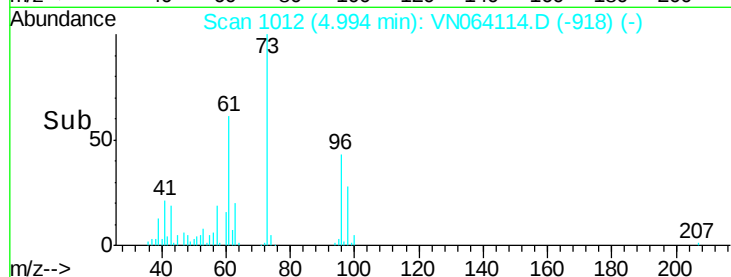
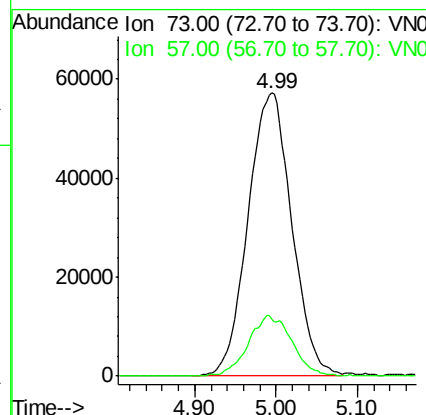
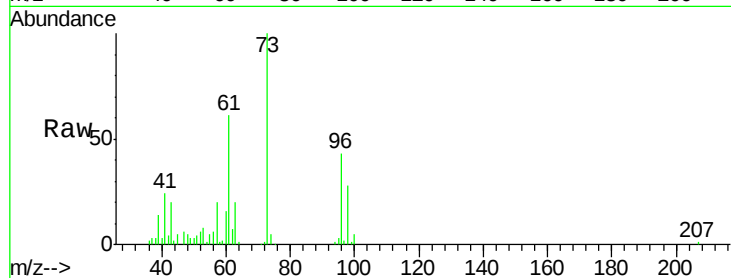




#19
Methyl tert-butyl Ether
Concen: 17.767 ug/l
RT: 4.99 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VN064114.D
Acq: 14 Oct 2020 15:06

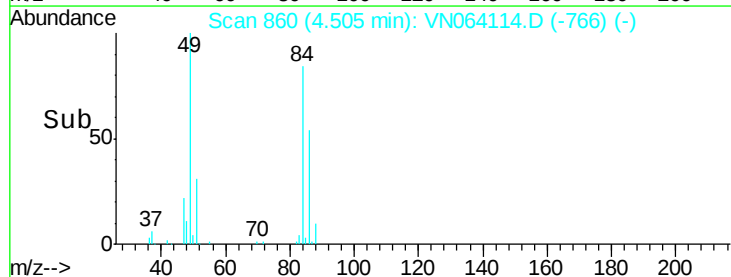
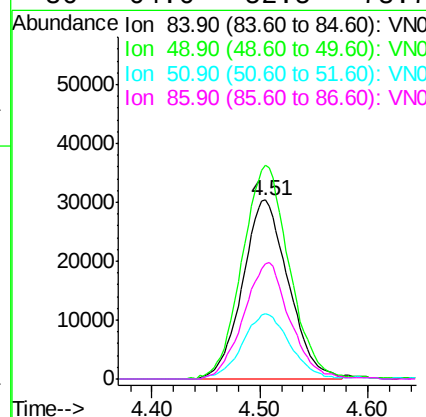
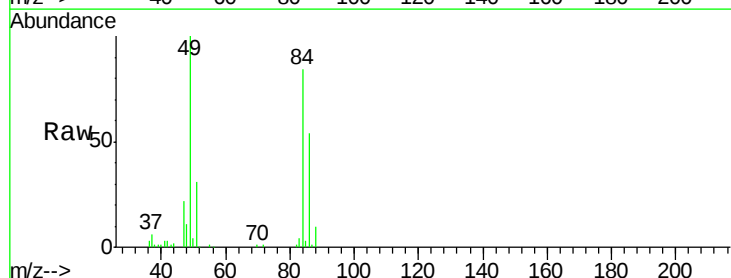
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

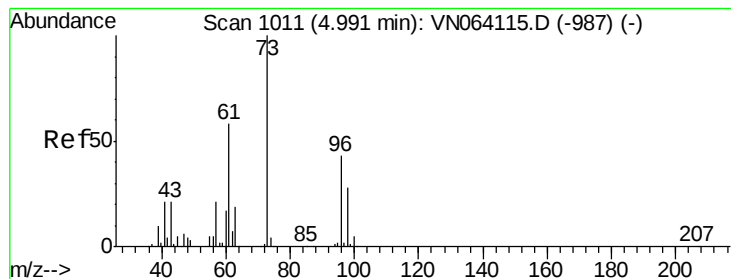
Tgt Ion: 73 Resp: 213117
Ion Ratio Lower Upper
73 100
57 20.0 17.0 25.4



#20
Methylene Chloride
Concen: 21.066 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN064114.D
Acq: 14 Oct 2020 15:06

Tgt Ion: 84 Resp: 89908
Ion Ratio Lower Upper
84 100
49 118.7 97.4 146.0
51 36.5 29.7 44.5
86 64.6 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 21.394 ug/l

RT: 4.99 min Scan# 1012

Delta R.T. 0.00 min

Lab File: VN064114.D

Acq: 14 Oct 2020 15:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

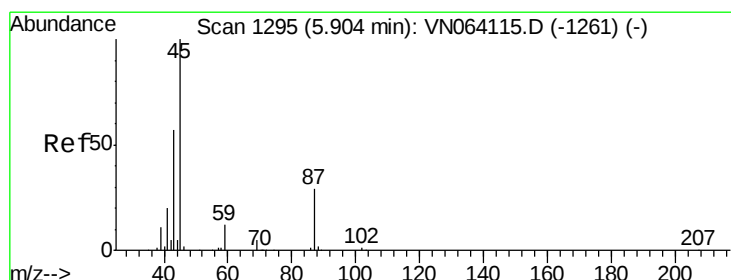
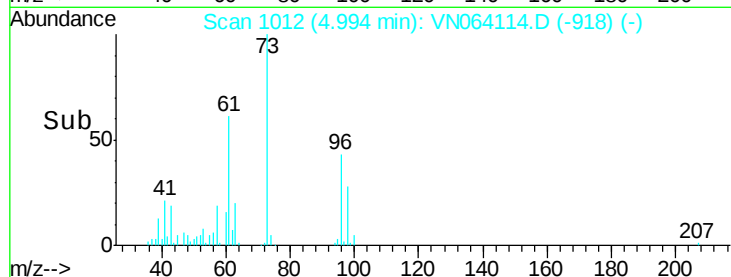
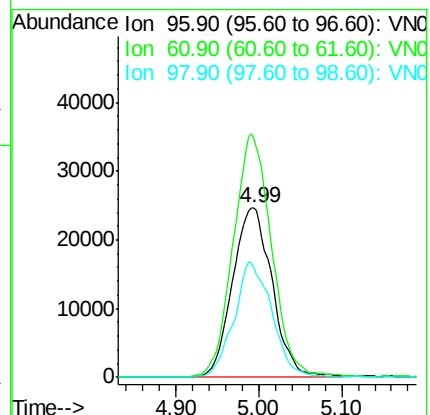
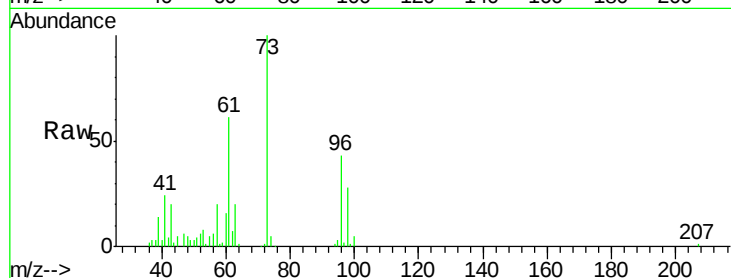
Tgt Ion: 96 Resp: 82008

Ion Ratio Lower Upper

96 100

61 139.2 107.0 160.4

98 64.6 51.0 76.6



#22

Diisopropyl ether

Concen: 18.103 ug/l

RT: 5.90 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VN064114.D

Acq: 14 Oct 2020 15:06

Tgt Ion: 45 Resp: 227702

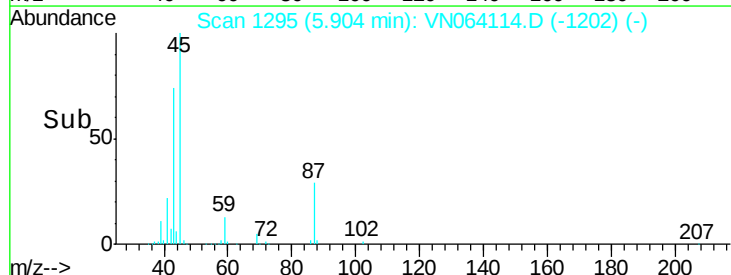
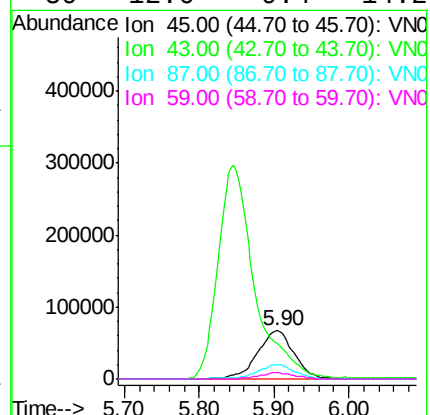
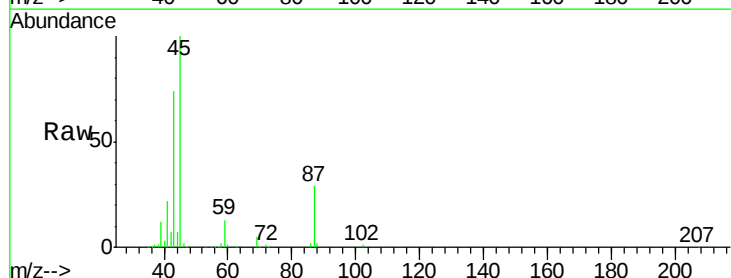
Ion Ratio Lower Upper

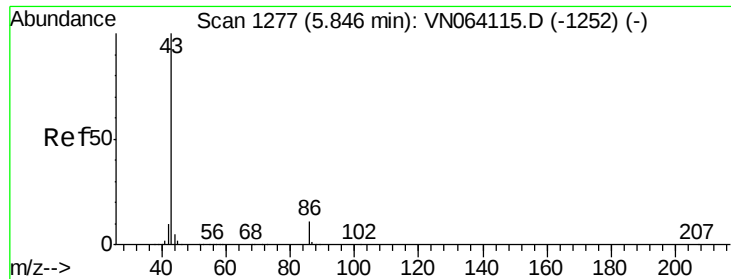
45 100

43 71.2 50.9 76.3

87 29.1 23.5 35.3

59 12.6 9.4 14.2





#23

Vinyl Acetate

Concen: 95.652 ug/l

RT: 5.85 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VN064114.D

Acq: 14 Oct 2020 15:06

Instrument :

MSVOA_N

ClientSampleId :

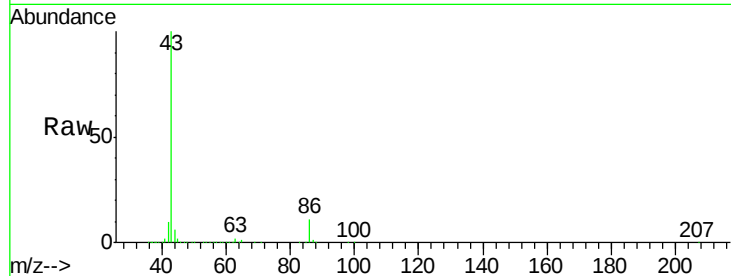
VSTDIC020

Tgt Ion: 43 Resp: 1006946

Ion Ratio Lower Upper

43 100

86 10.6 8.8 13.2



Abundance Ion 43.00 (42.70 to 43.70): VN064114.D (-1252) (-)

Ion 86.00 (85.70 to 86.70): VN064114.D (-1252) (-)

5.85

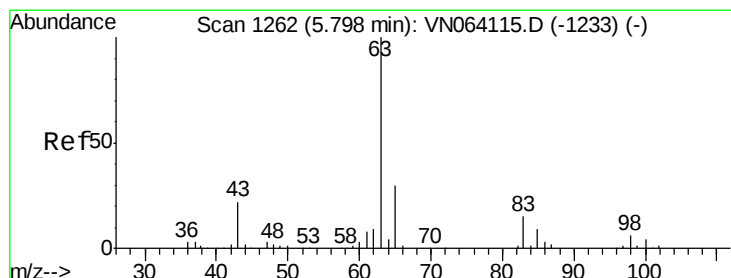
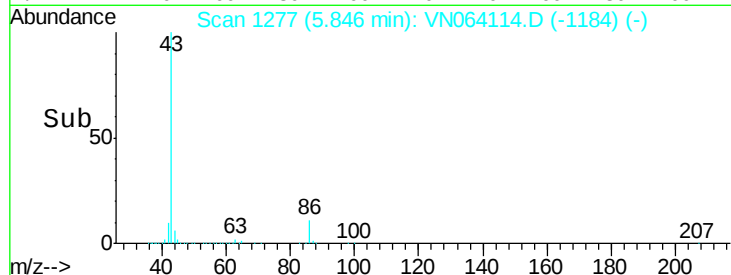
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 21.280 ug/l

RT: 5.80 min Scan# 1263

Delta R.T. 0.00 min

Lab File: VN064114.D

Acq: 14 Oct 2020 15:06

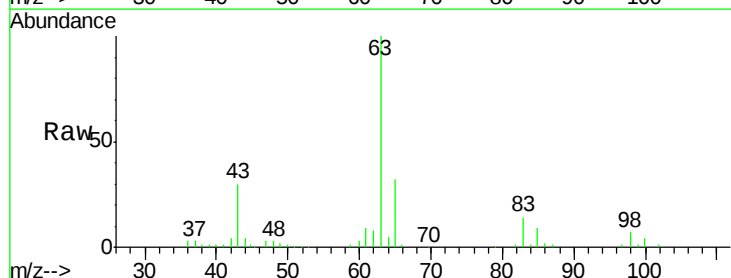
Tgt Ion: 63 Resp: 156758

Ion Ratio Lower Upper

63 100

98 6.8 3.1 9.3

100 4.4 2.1 6.2



Abundance Ion 62.90 (62.60 to 63.60): VN064114.D (-1233) (-)

Ion 97.90 (97.60 to 98.60): VN064114.D (-1233) (-)

Ion 99.90 (99.60 to 100.60): VN064114.D (-1233) (-)

5.80

60000

50000

40000

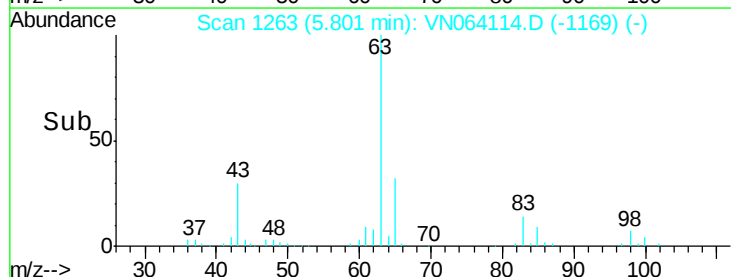
30000

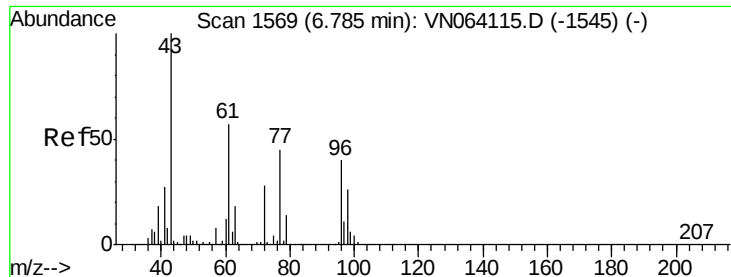
20000

10000

0

Time-->

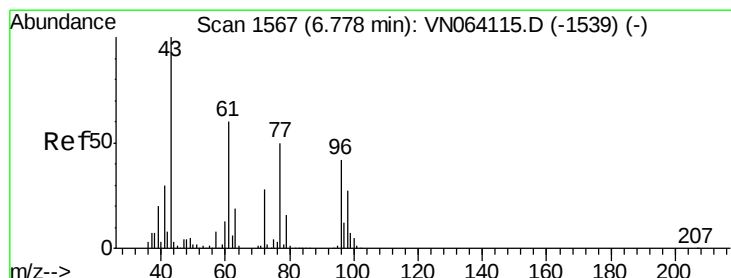
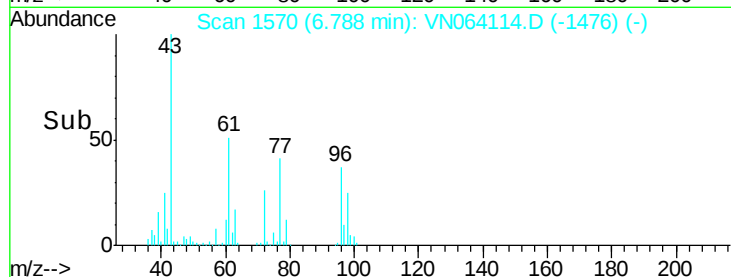
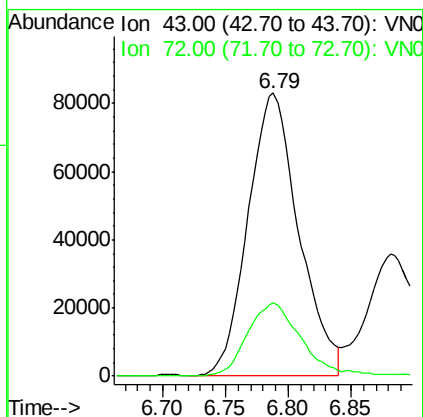
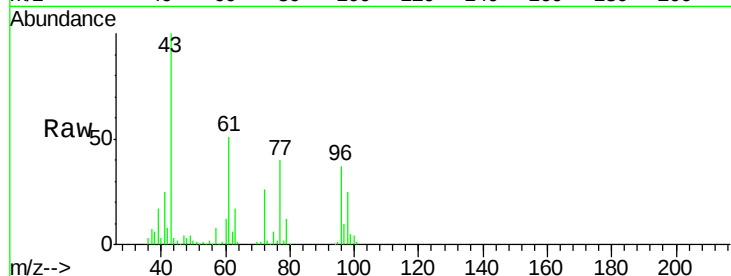




#25
 2-Butanone
 Concen: 97.599 ug/l
 RT: 6.79 min Scan# 1570
 Delta R.T. 0.00 min
 Lab File: VN064114.D
 Acq: 14 Oct 2020 15:06

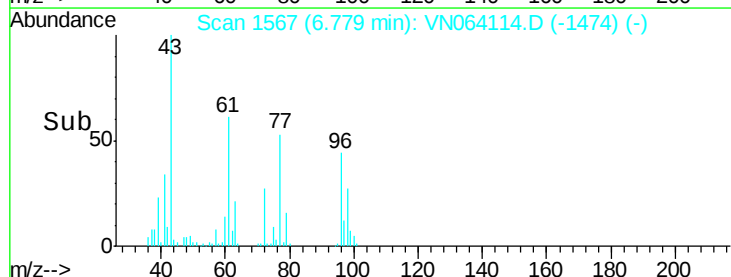
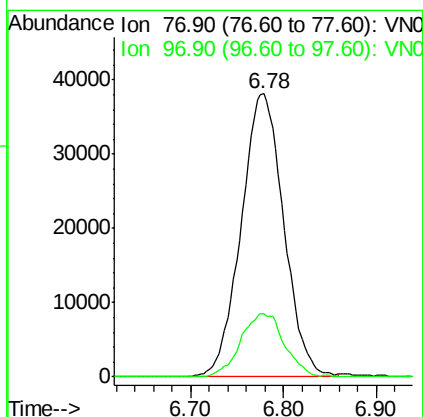
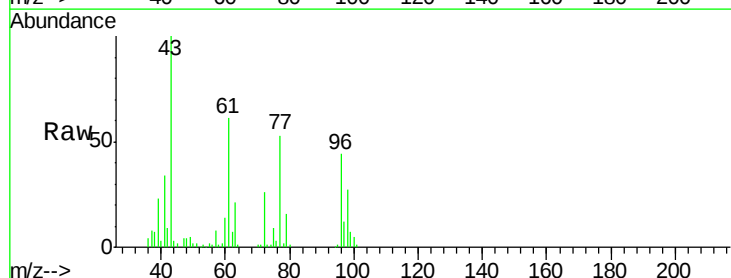
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

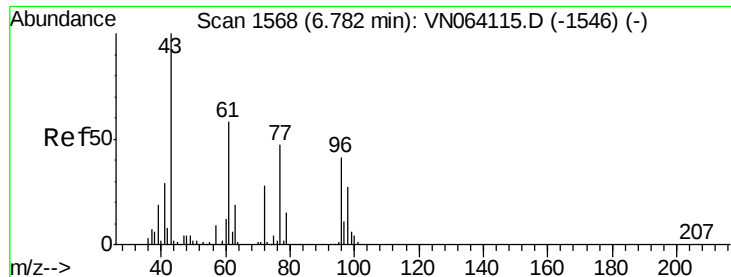
Tgt Ion: 43 Resp: 232197
 Ion Ratio Lower Upper
 43 100
 72 26.0 22.2 33.2



#26
 2,2-Dichloropropane
 Concen: 18.363 ug/l
 RT: 6.78 min Scan# 1567
 Delta R.T. 0.00 min
 Lab File: VN064114.D
 Acq: 14 Oct 2020 15:06

Tgt Ion: 77 Resp: 121803
 Ion Ratio Lower Upper
 77 100
 97 22.8 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 21.852 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

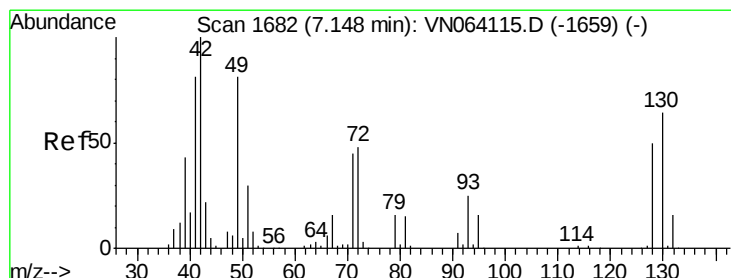
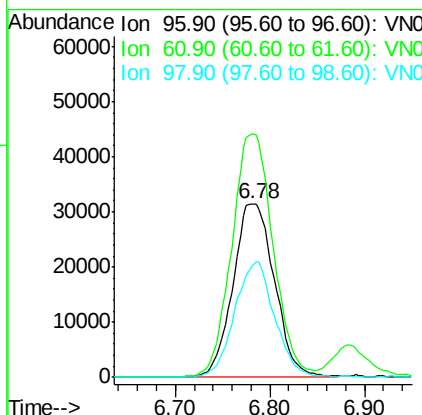
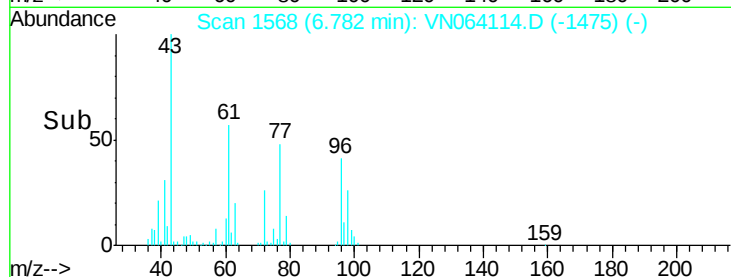
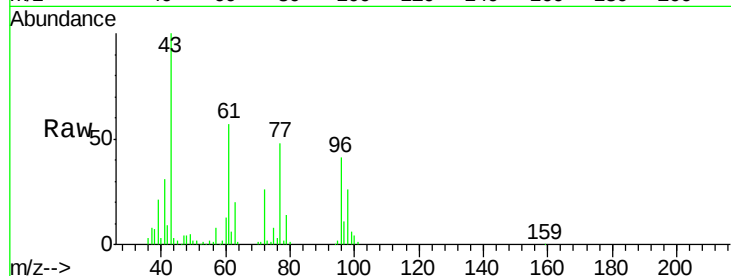
Lab File: VN064114.D

Acq: 14 Oct 2020 15:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 96 Resp: 96182

Ion	Ratio	Lower	Upper
96	100		
61	139.7	0.0	285.6
98	64.0	0.0	131.0



#28

Bromochloromethane

Concen: 16.608 ug/l

RT: 7.15 min Scan# 1683

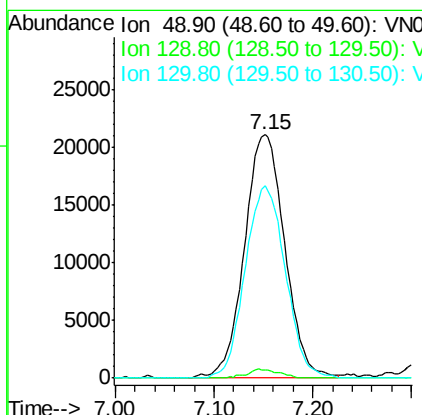
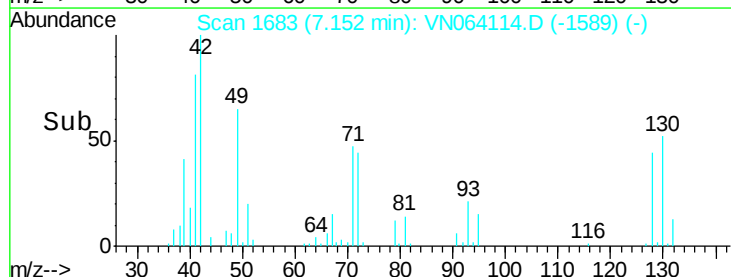
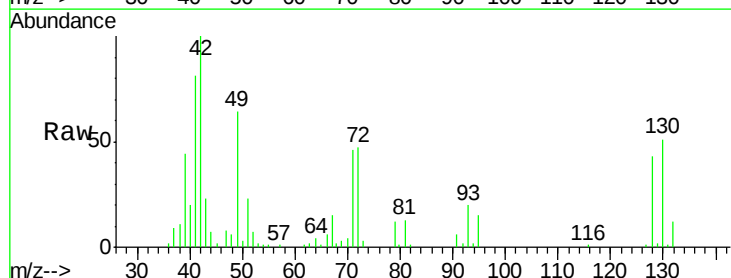
Delta R.T. 0.00 min

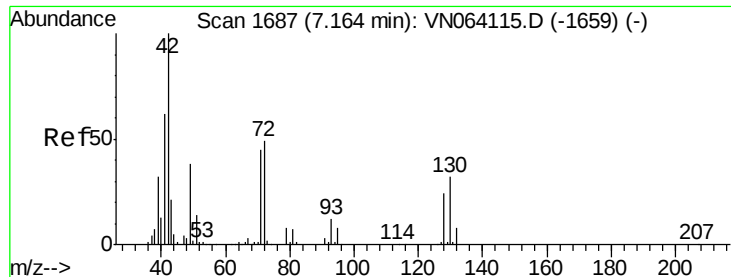
Lab File: VN064114.D

Acq: 14 Oct 2020 15:06

Tgt Ion: 49 Resp: 59499

Ion	Ratio	Lower	Upper
49	100		
129	2.9	0.0	2.0#
130	78.6	0.0	0.0#





#29

Tetrahydrofuran

Concen: 86.993 ug/l

RT: 7.16 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN064114.D

Acq: 14 Oct 2020 15:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

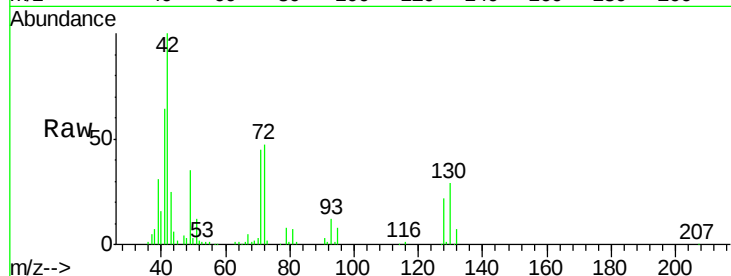
Tgt Ion: 42 Resp: 136864

Ion Ratio Lower Upper

42 100

72 45.1 37.8 56.6

71 44.2 35.3 52.9

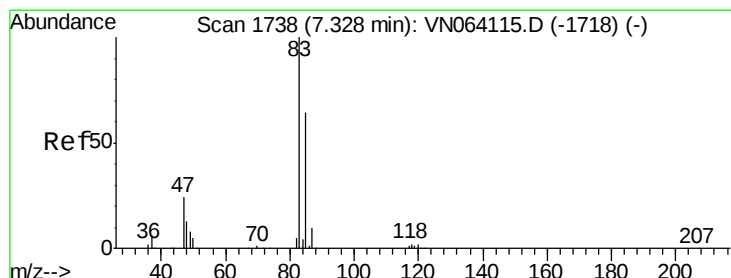
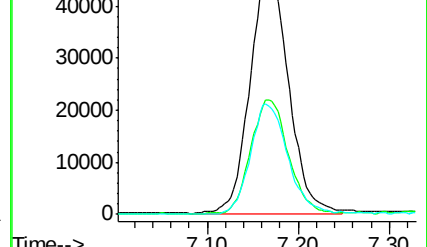
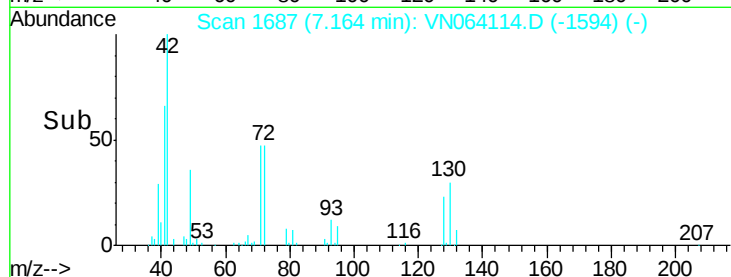


Abundance Ion 42.00 (41.70 to 42.70): VN064114.D (-1659) (-)

Ion 72.00 (71.70 to 72.70): VN064114.D (-1659) (-)

Ion 71.00 (70.70 to 71.70): VN064114.D (-1659) (-)

Time-->



#30

Chloroform

Concen: 21.442 ug/l

RT: 7.33 min Scan# 1738

Delta R.T. 0.00 min

Lab File: VN064114.D

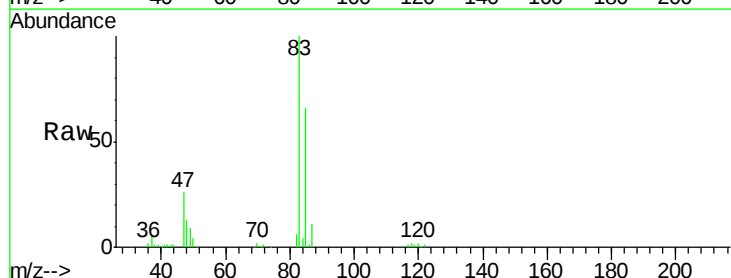
Acq: 14 Oct 2020 15:06

Tgt Ion: 83 Resp: 165713

Ion Ratio Lower Upper

83 100

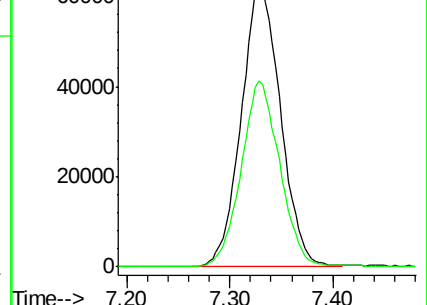
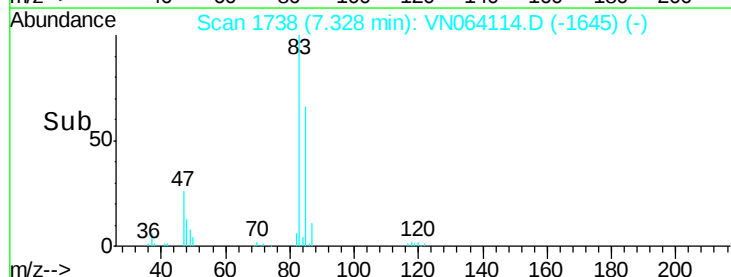
85 65.9 51.5 77.3

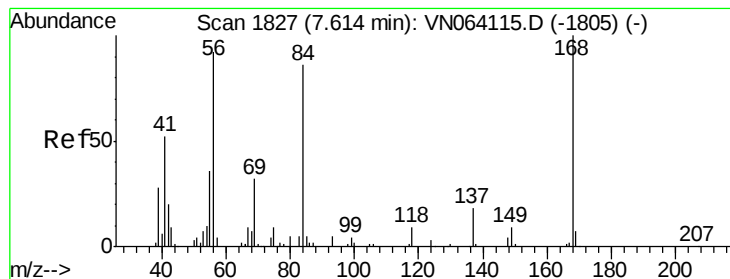


Abundance Ion 82.90 (82.60 to 83.60): VN064114.D (-1645) (-)

Ion 84.90 (84.60 to 85.60): VN064114.D (-1645) (-)

Time-->





#31

Cyclohexane

Concen: 17.430 ug/l

RT: 7.62 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN064114.D

Acq: 14 Oct 2020 15:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

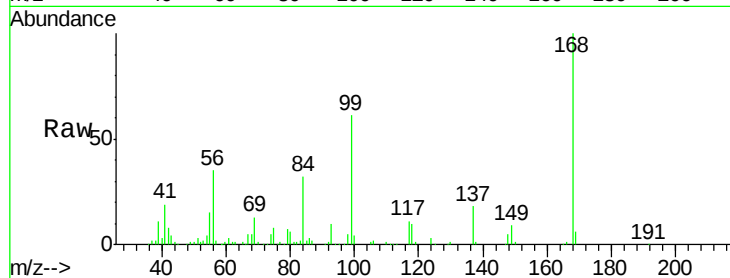
Tgt Ion: 56 Resp: 109237

Ion Ratio Lower Upper

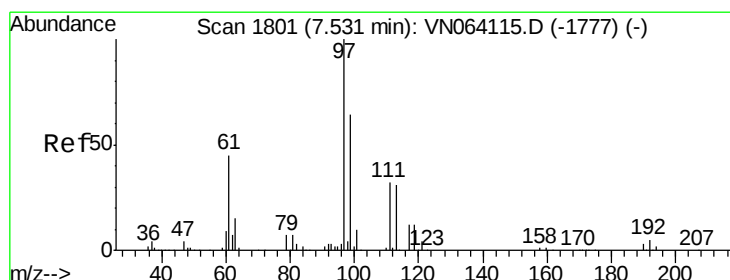
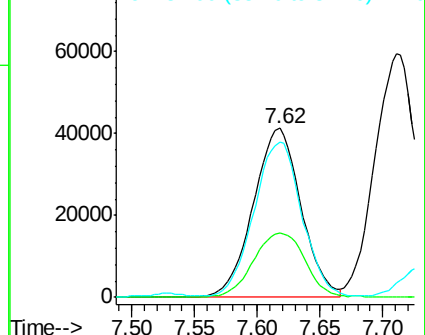
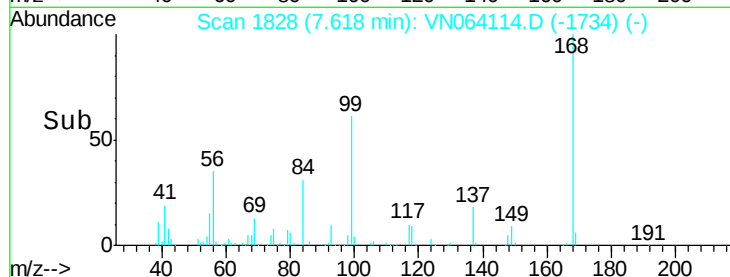
56 100

69 37.9 27.8 41.6

84 91.2 73.2 109.8



Abundance Ion 56.00 (55.70 to 56.70): VN064114.D (-1734) (-)



#32

1,1,1-Trichloroethane

Concen: 20.764 ug/l

RT: 7.53 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN064114.D

Acq: 14 Oct 2020 15:06

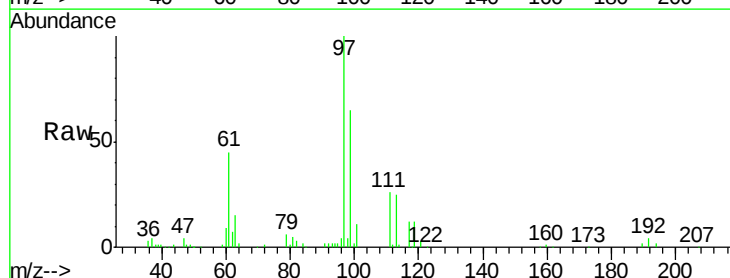
Tgt Ion: 97 Resp: 143594

Ion Ratio Lower Upper

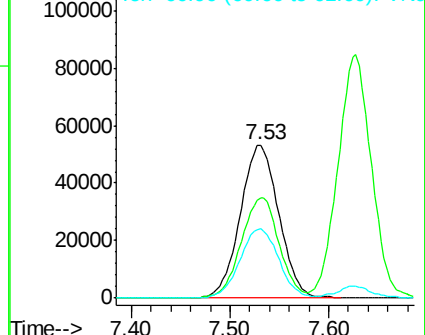
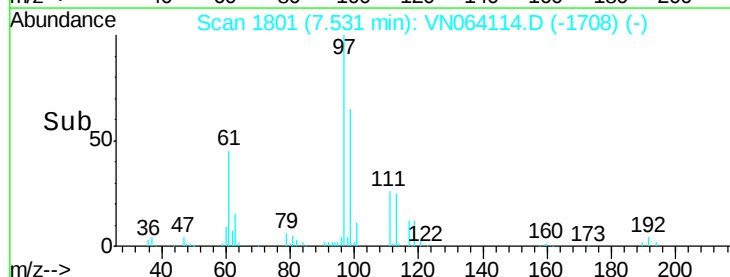
97 100

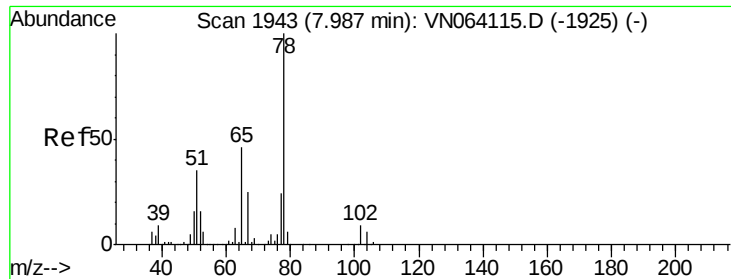
99 64.9 50.2 75.2

61 45.9 35.6 53.4



Abundance Ion 96.90 (96.60 to 97.60): VN064114.D (-1708) (-)

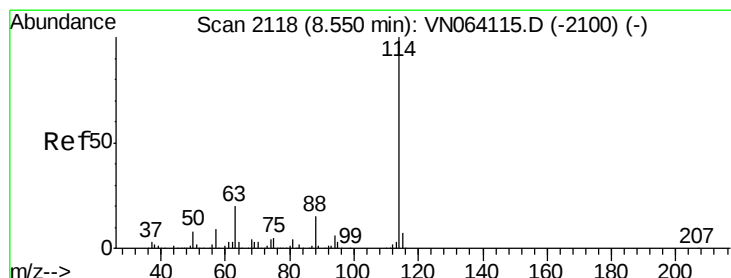
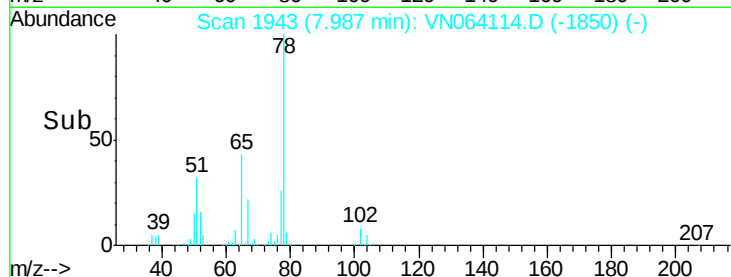
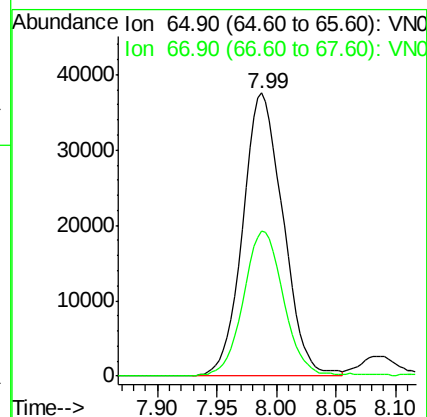
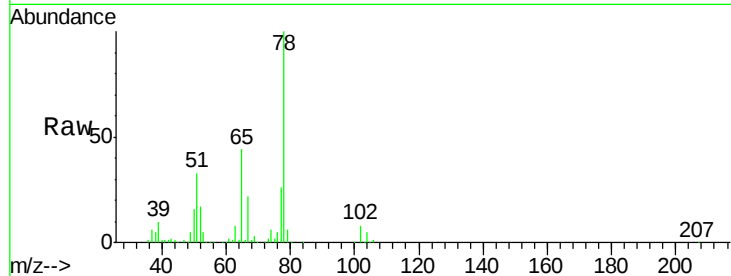




#33
 1,2-Dichloroethane-d4
 Concen: 16.395 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064114.D
 Acq: 14 Oct 2020 15:06

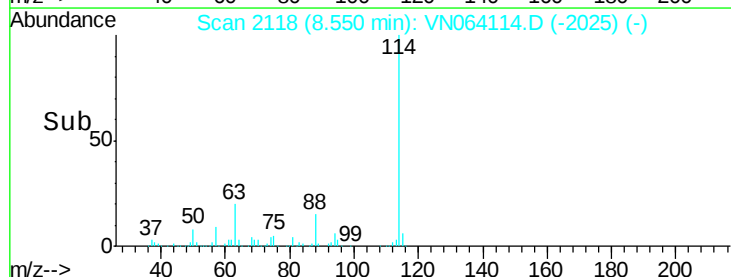
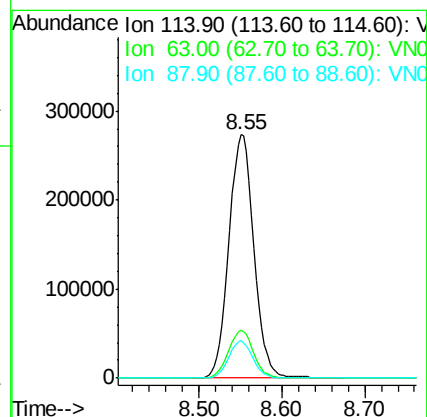
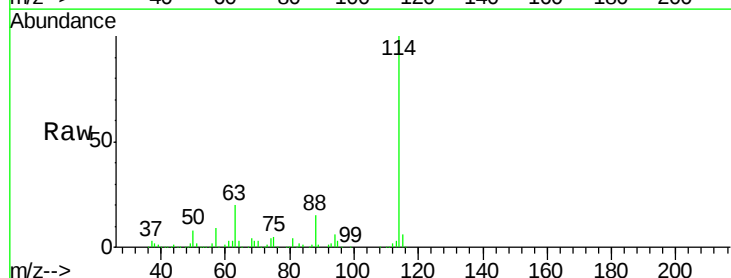
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

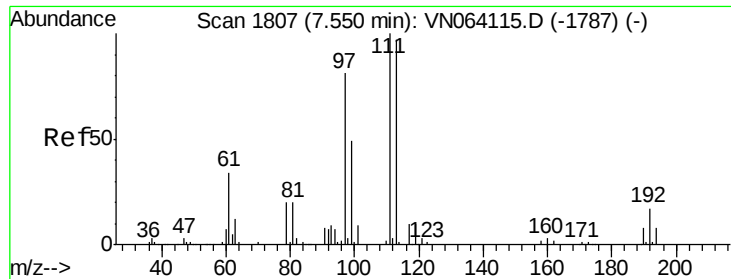
Tgt Ion: 65 Resp: 88195
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064114.D
 Acq: 14 Oct 2020 15:06

Tgt Ion: 114 Resp: 573061
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 41.0
 88 15.3 0.0 29.2

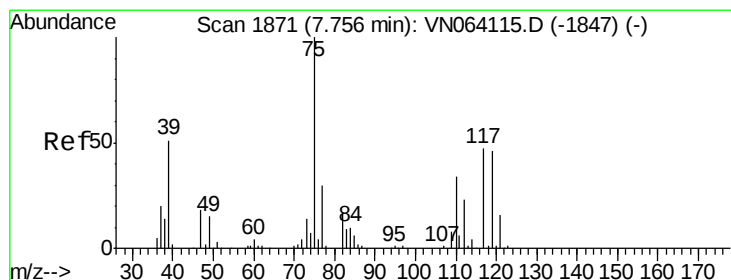
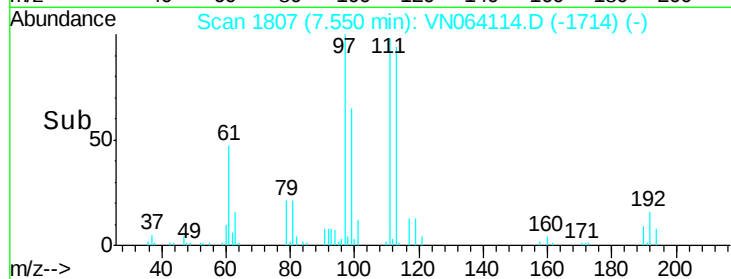
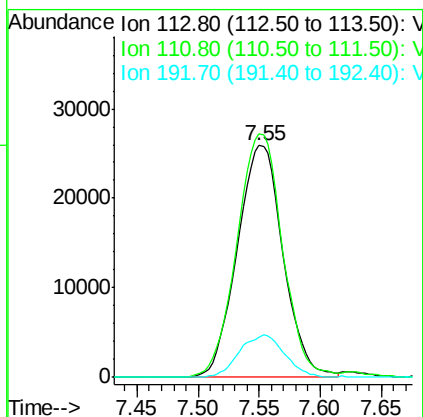
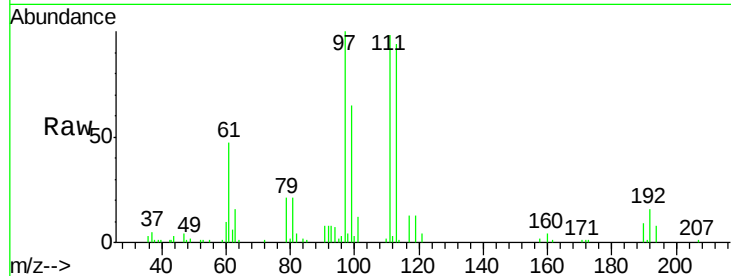




#35
 Dibromofluoromethane
 Concen: 17.080 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064114.D
 Acq: 14 Oct 2020 15:06

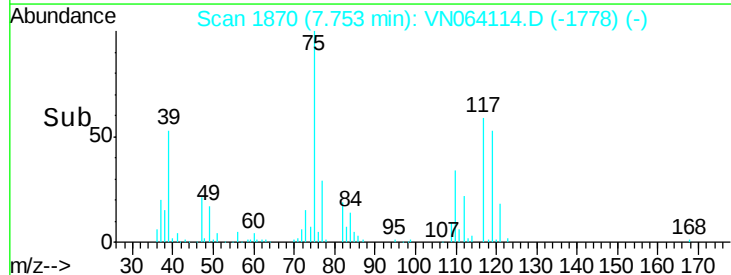
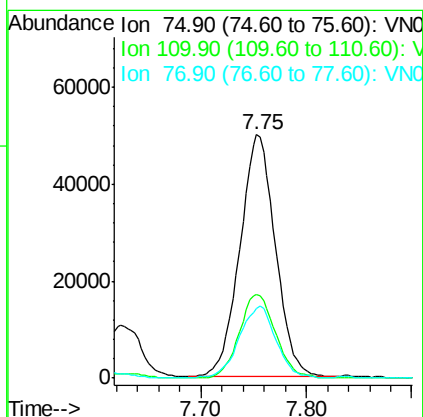
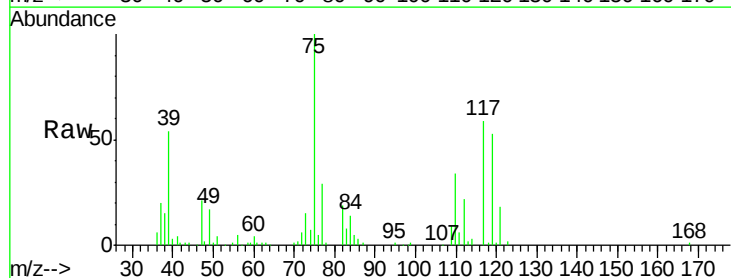
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

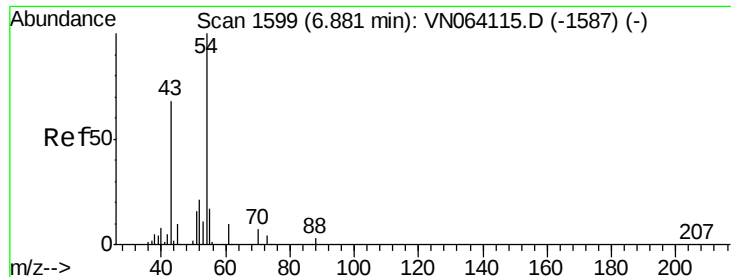
Tgt Ion: 113 Resp: 67434
 Ion Ratio Lower Upper
 113 100
 111 104.6 81.9 122.9
 192 18.1 14.3 21.5



#36
 1,1-Dichloropropene
 Concen: 20.254 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN064114.D
 Acq: 14 Oct 2020 15:06

Tgt Ion: 75 Resp: 117377
 Ion Ratio Lower Upper
 75 100
 110 35.0 17.8 53.3
 77 30.8 24.9 37.3

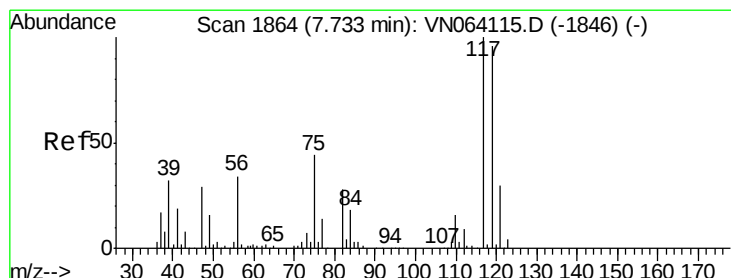
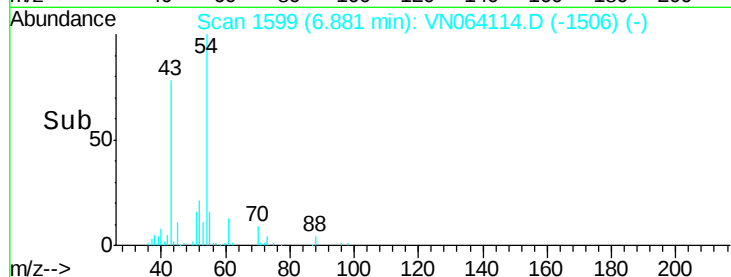
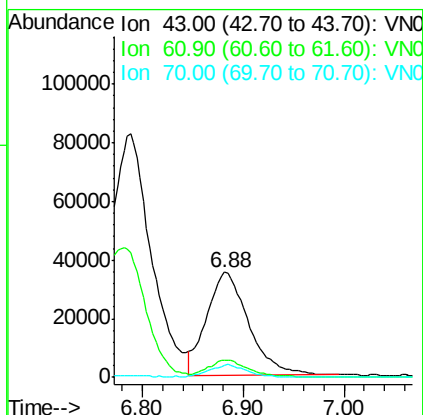
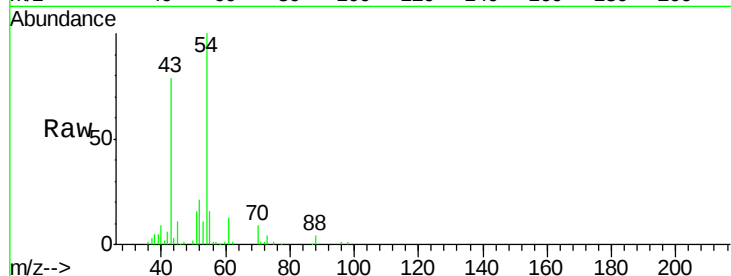




#37
Ethyl Acetate
Concen: 17.930 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VN064114.D
Acq: 14 Oct 2020 15:06

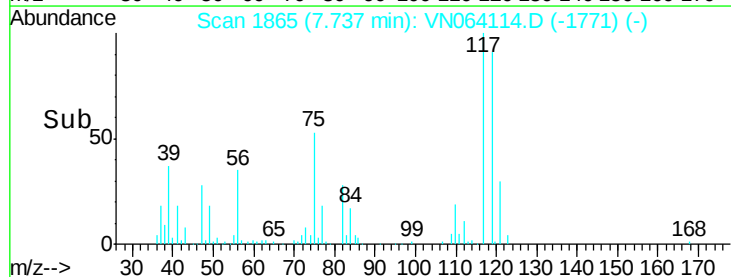
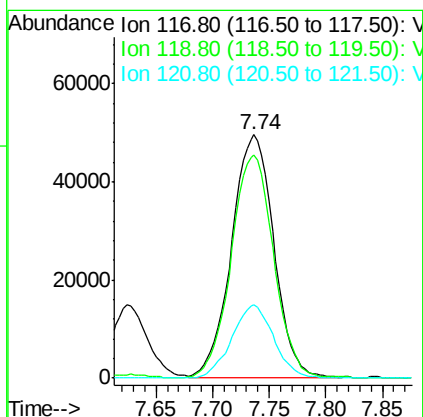
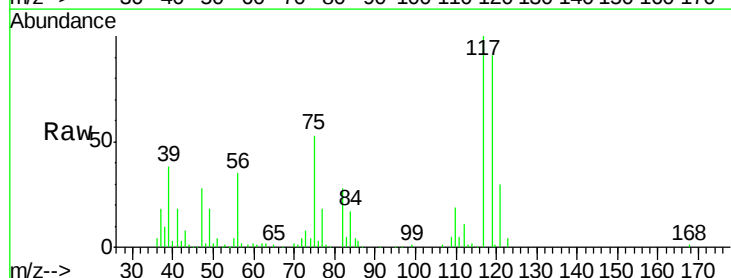
Instrument :
MSVOA_N
ClientSampled :
VSTDIC020

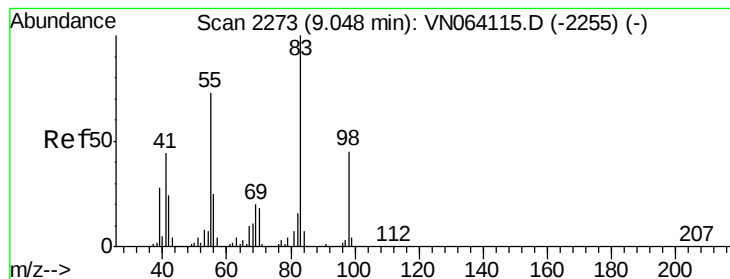
Tgt Ion: 43 Resp: 101829
Ion Ratio Lower Upper
43 100
61 13.8 11.3 16.9
70 10.3 7.7 11.5



#38
Carbon Tetrachloride
Concen: 19.826 ug/l
RT: 7.74 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN064114.D
Acq: 14 Oct 2020 15:06

Tgt Ion: 117 Resp: 128018
Ion Ratio Lower Upper
117 100
119 91.3 77.0 115.4
121 30.3 24.2 36.4





#39

Methylcyclohexane

Concen: 17.271 ug/l

RT: 9.05 min Scan# 2272

Delta R.T. -0.00 min

Lab File: VN064114.D

Acq: 14 Oct 2020 15:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

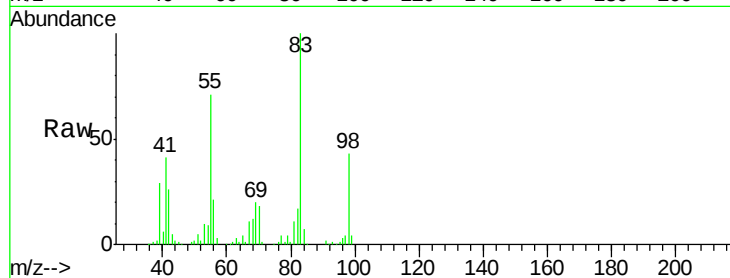
Tgt Ion: 83 Resp: 97389

Ion Ratio Lower Upper

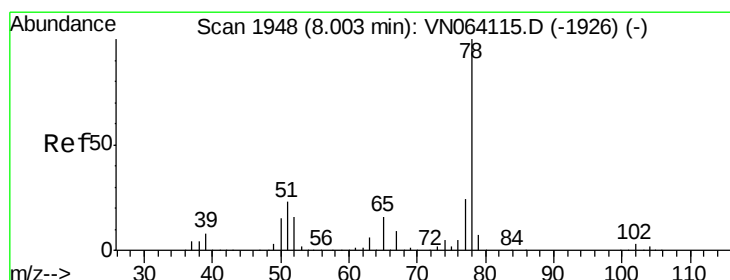
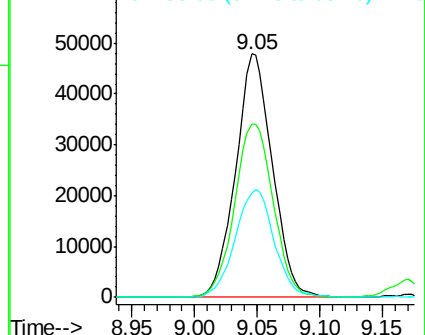
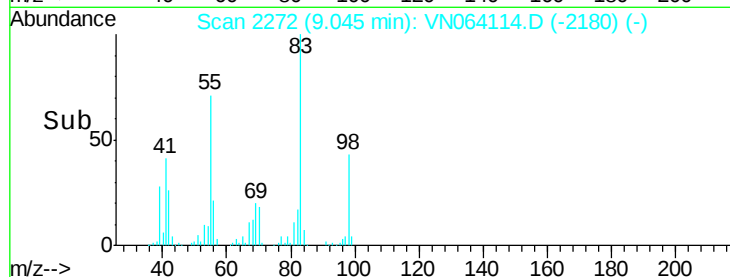
83 100

55 70.9 58.5 87.7

98 42.5 36.2 54.2



Abundance Ion 83.00 (82.70 to 83.70): VN064114.D (-2180) (-)



#40

Benzene

Concen: 21.316 ug/l

RT: 8.00 min Scan# 1948

Delta R.T. 0.00 min

Lab File: VN064114.D

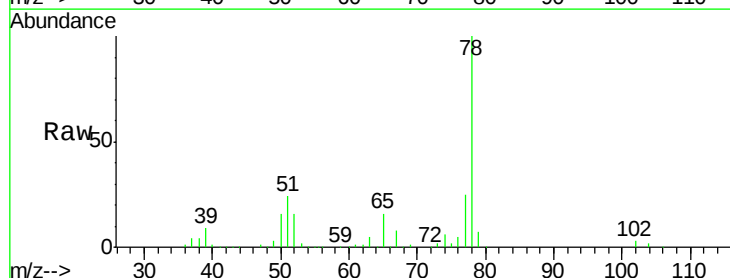
Acq: 14 Oct 2020 15:06

Tgt Ion: 78 Resp: 356429

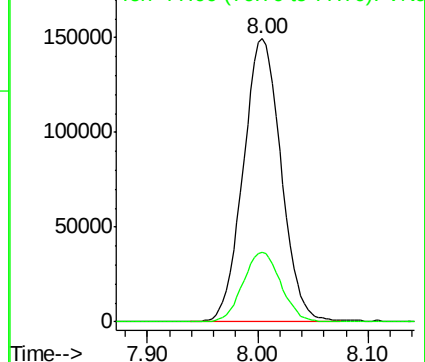
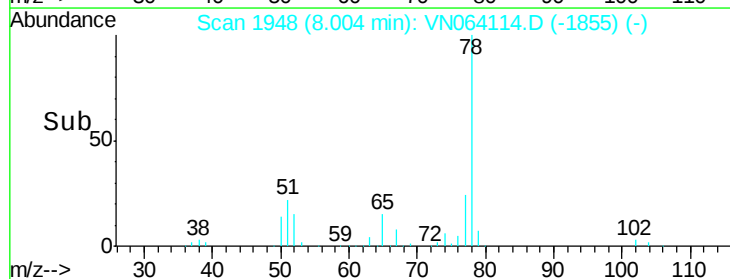
Ion Ratio Lower Upper

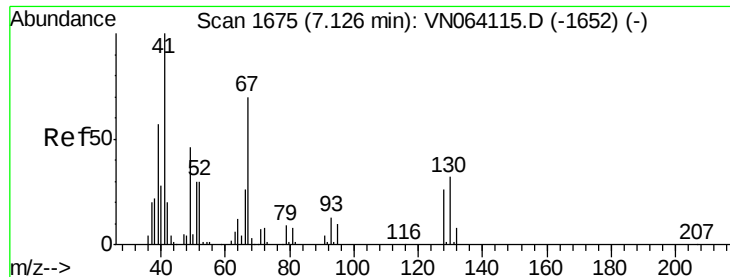
78 100

77 24.5 19.3 28.9



Abundance Ion 78.00 (77.70 to 78.70): VN064114.D (-1855) (-)

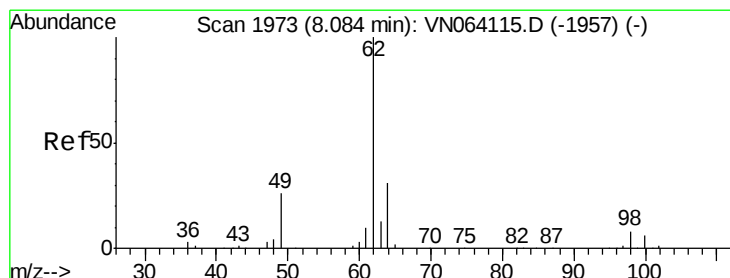
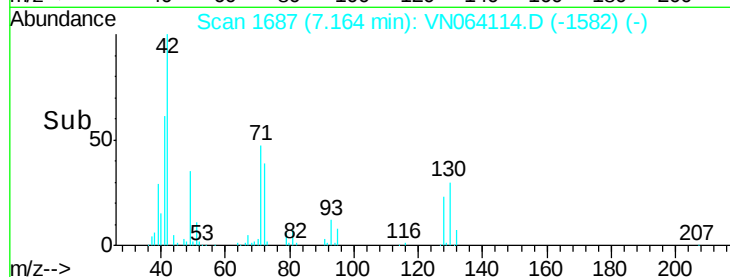
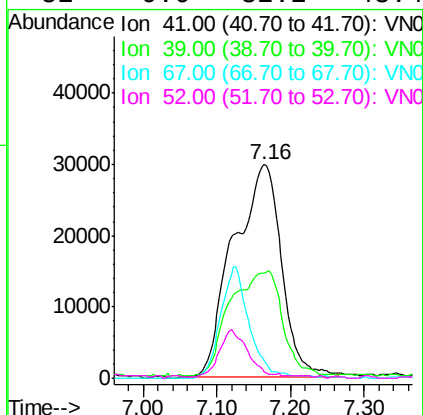
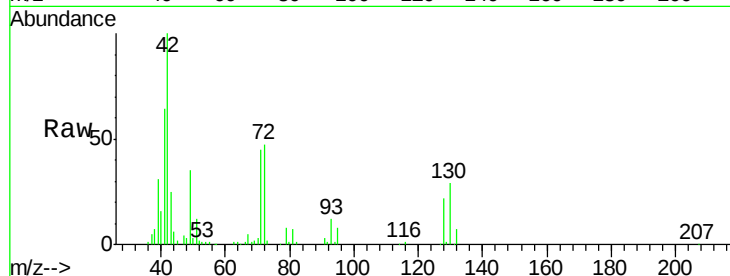




#41
Methacrylonitrile
Concen: 55.062 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. 0.04 min
Lab File: VN064114.D
Acq: 14 Oct 2020 15:06

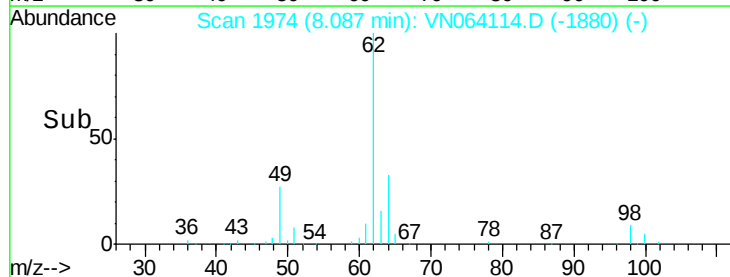
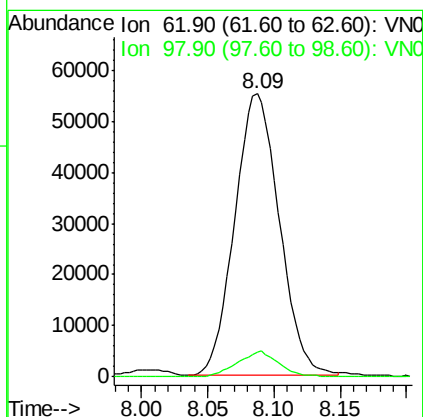
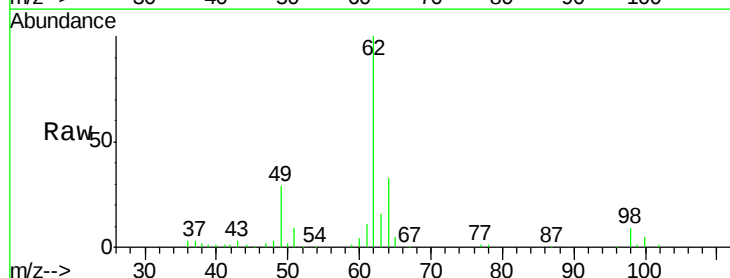
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

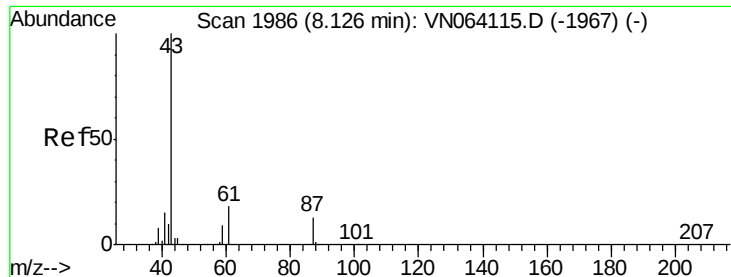
Tgt Ion: 41 Resp: 135625
Ion Ratio Lower Upper
41 100
39 53.7 50.7 76.1
67 0.0 73.8 110.6#
52 0.0 32.2 48.4#



#42
1,2-Dichloroethane
Concen: 18.578 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN064114.D
Acq: 14 Oct 2020 15:06

Tgt Ion: 62 Resp: 129092
Ion Ratio Lower Upper
62 100
98 8.5 0.0 17.6





#43

Isopropyl Acetate

Concen: 18.139 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN064114.D

Acq: 14 Oct 2020 15:06

Instrument :

MSVOA_N

ClientSampled :

VSTDIC020

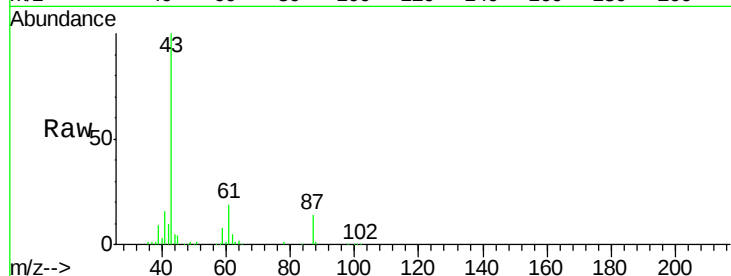
Tgt Ion: 43 Resp: 167836

Ion Ratio Lower Upper

43 100

61 26.6 21.9 32.9

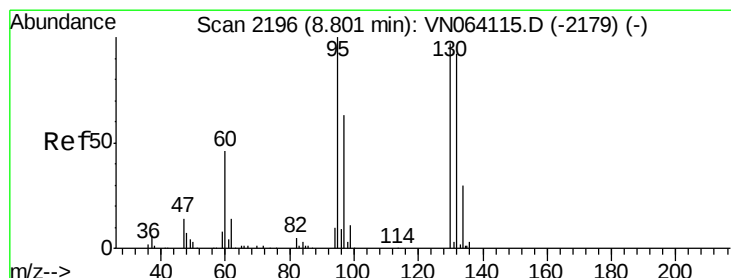
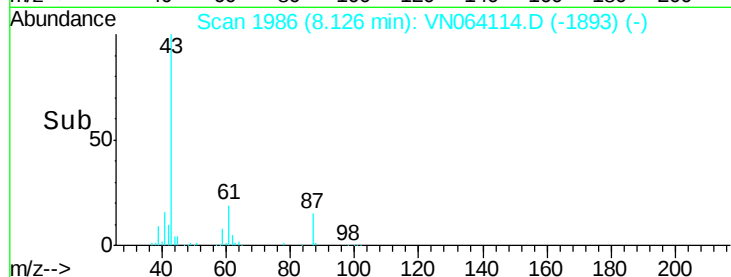
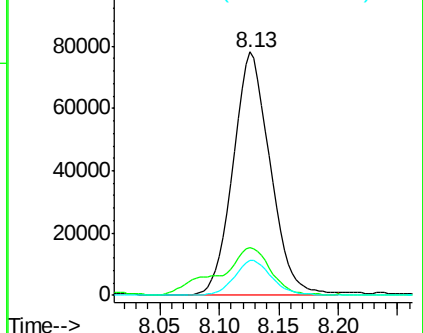
87 14.6 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VN064114.D (-1893) (-)

Ion 61.00 (60.70 to 61.70): VN064114.D (-1893) (-)

Ion 87.00 (86.70 to 87.70): VN064114.D (-1893) (-)



#44

Trichloroethene

Concen: 21.563 ug/l

RT: 8.80 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN064114.D

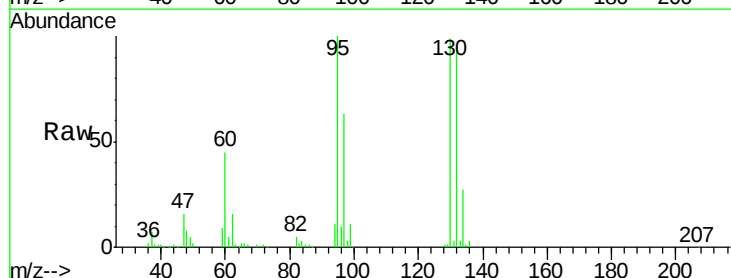
Acq: 14 Oct 2020 15:06

Tgt Ion: 130 Resp: 94775

Ion Ratio Lower Upper

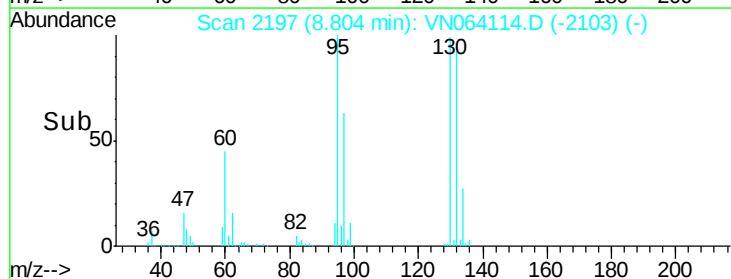
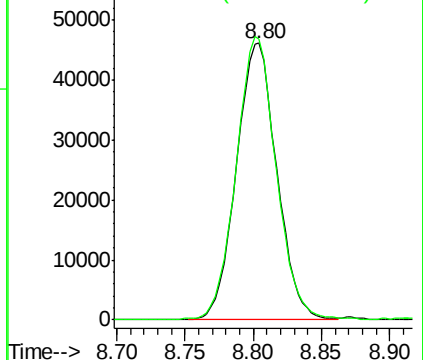
130 100

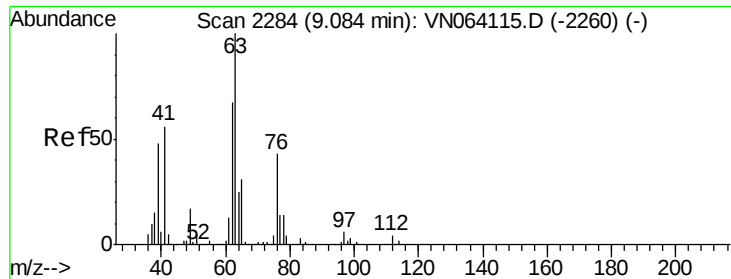
95 100.9 0.0 206.2



Abundance Ion 129.80 (129.50 to 130.50): VN064114.D (-2103) (-)

Ion 94.90 (94.60 to 95.60): VN064114.D (-2103) (-)





#45

1,2-Dichloropropane

Concen: 20.664 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. 0.00 min

Lab File: VN064114.D

Acq: 14 Oct 2020 15:06

Instrument :

MSVOA_N

ClientSampleId :

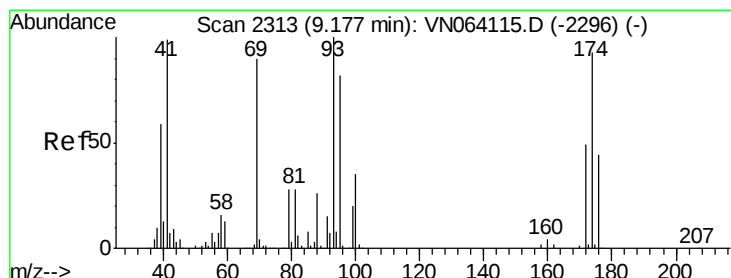
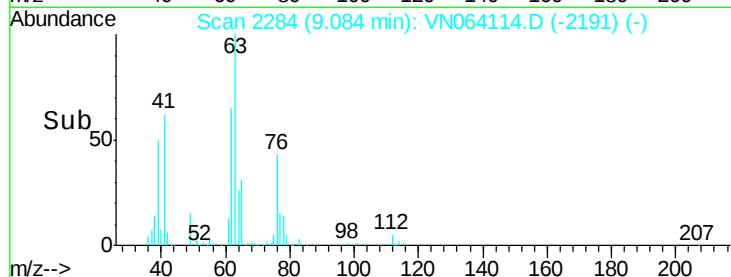
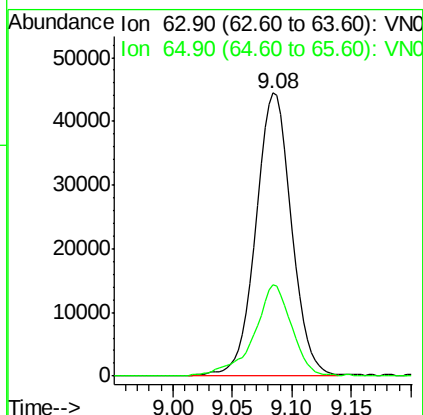
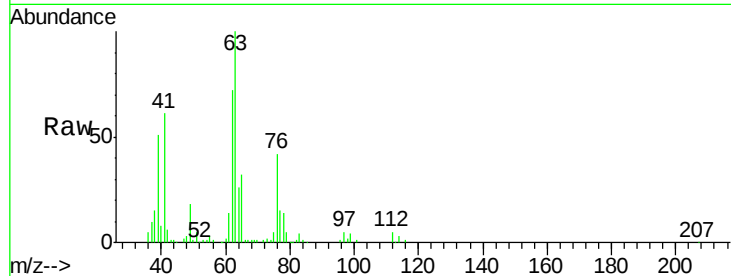
VSTDIC020

Tgt Ion: 63 Resp: 92427

Ion Ratio Lower Upper

63 100

65 32.3 25.0 37.6



#46

Dibromomethane

Concen: 20.957 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN064114.D

Acq: 14 Oct 2020 15:06

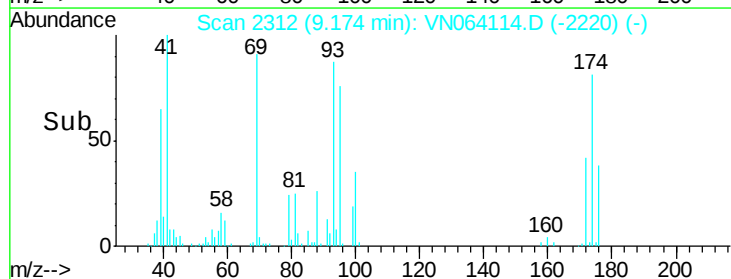
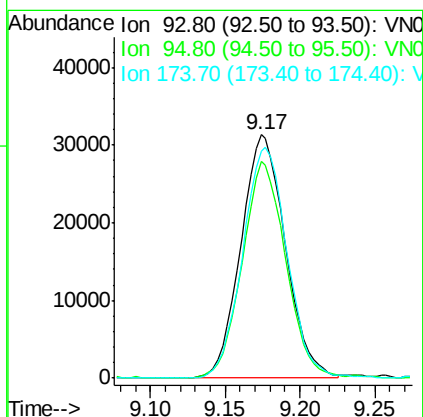
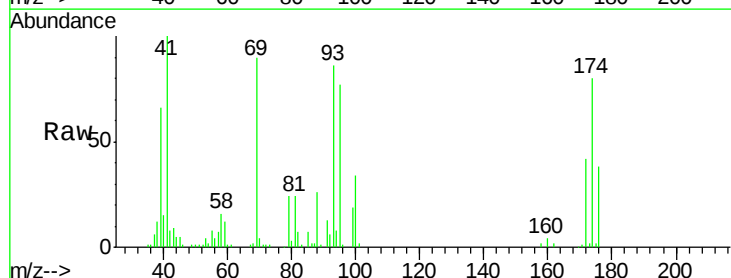
Tgt Ion: 93 Resp: 65018

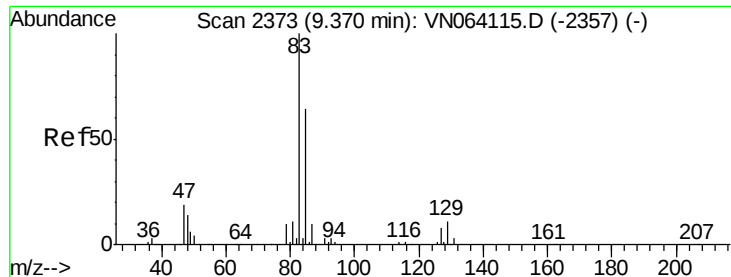
Ion Ratio Lower Upper

93 100

95 86.8 66.8 100.2

174 94.7 75.2 112.8





#47

Bromodichloromethane

Concen: 20.496 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN064114.D

Acq: 14 Oct 2020 15:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

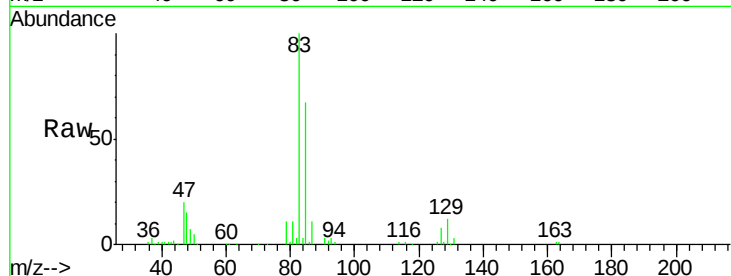
Tgt Ion: 83 Resp: 130131

Ion Ratio Lower Upper

83 100

85 67.3 50.8 76.2

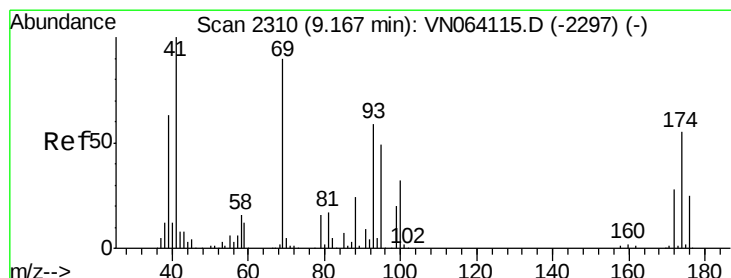
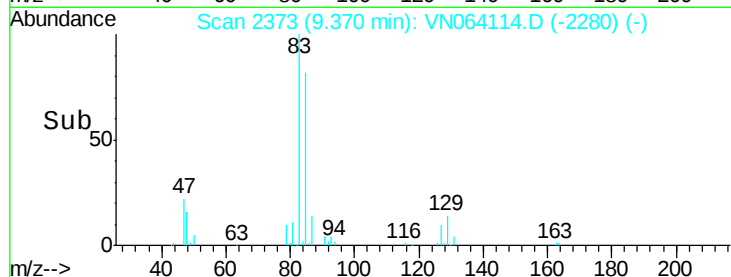
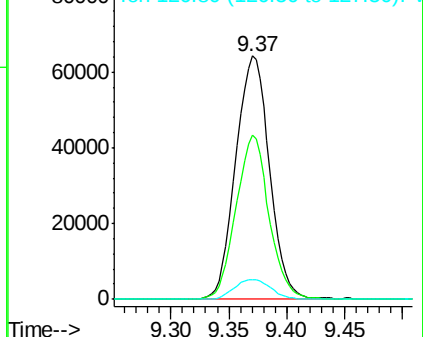
127 7.9 6.6 9.8



Abundance Ion 82.90 (82.60 to 83.60): VN064114.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN064114.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN064114.D (-2280) (-)



#48

Methyl methacrylate

Concen: 17.613 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN064114.D

Acq: 14 Oct 2020 15:06

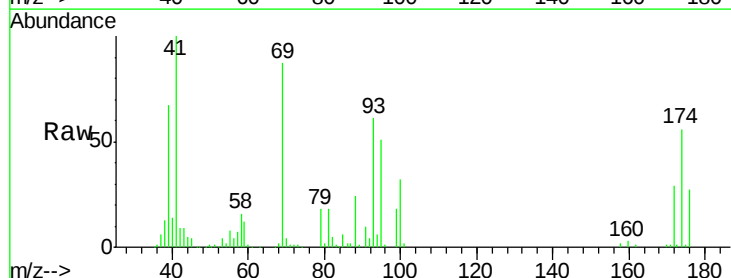
Tgt Ion: 41 Resp: 80630

Ion Ratio Lower Upper

41 100

69 90.0 71.4 107.2

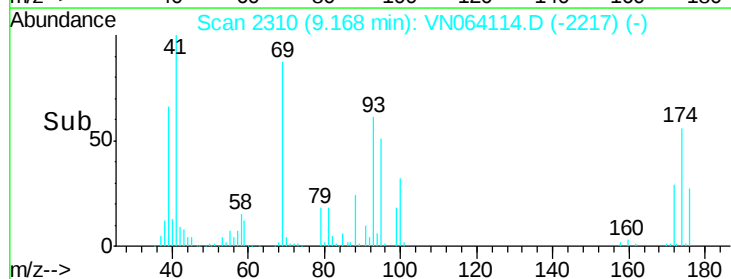
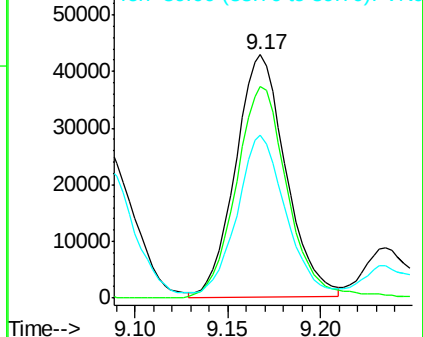
39 64.0 52.5 78.7

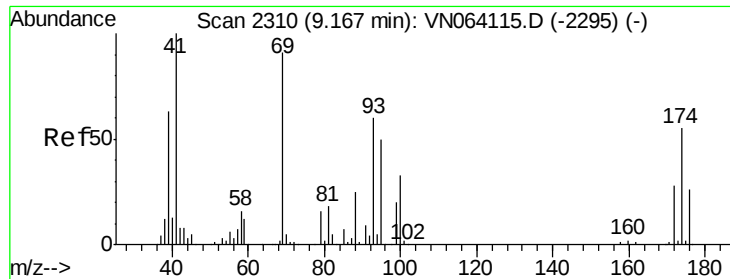


Abundance Ion 41.00 (40.70 to 41.70): VN064114.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN064114.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN064114.D (-2217) (-)

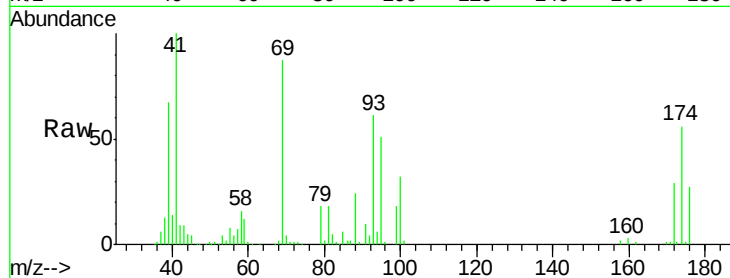




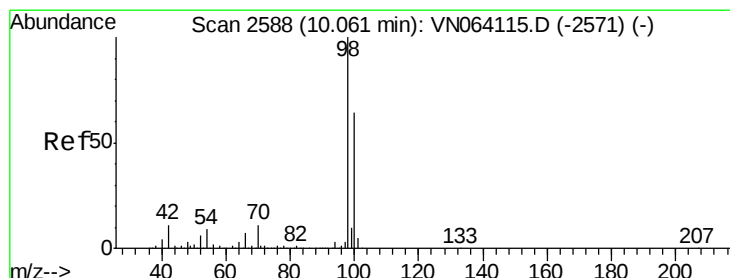
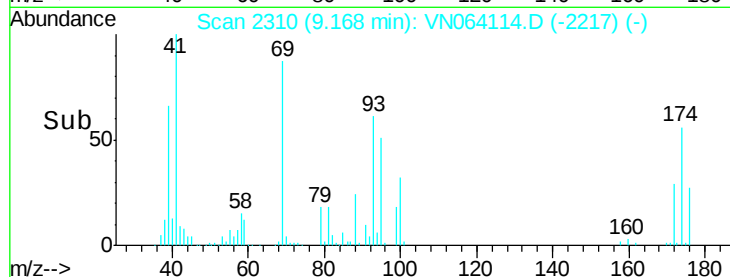
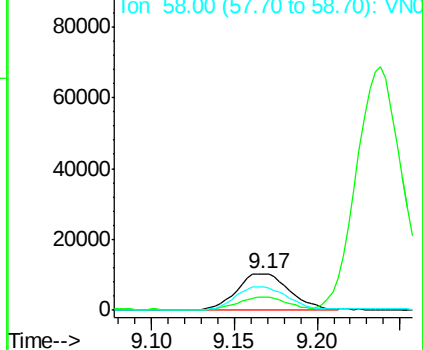
#49
 1,4-Dioxane
 Concen: 355.975 ug/l
 RT: 9.17 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN064114.D
 Acq: 14 Oct 2020 15:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tgt Ion: 88 Resp: 23178
 Ion Ratio Lower Upper
 88 100
 43 30.6 27.2 40.8
 58 63.0 52.6 78.8

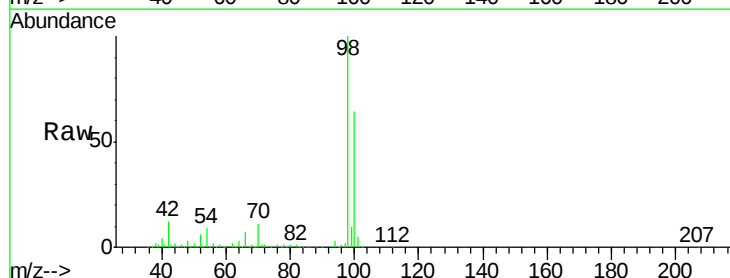


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

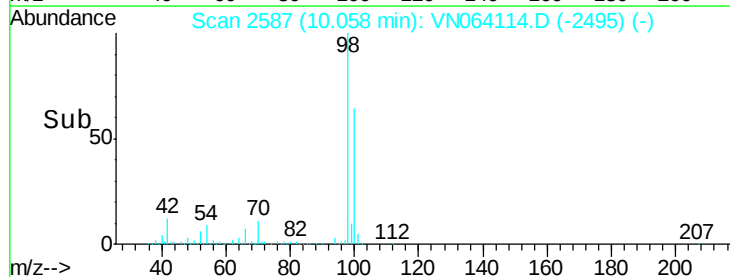
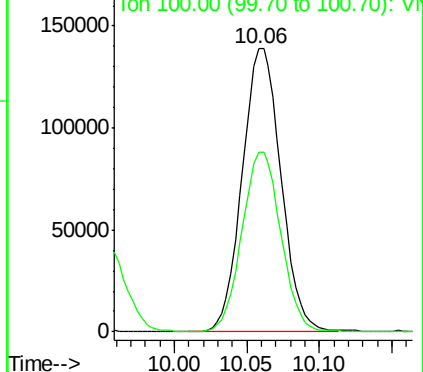


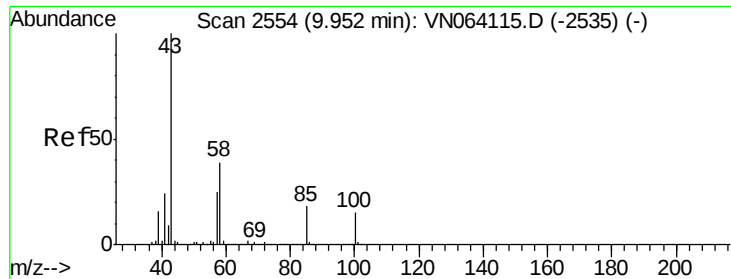
#50
 Toluene-d8
 Concen: 17.189 ug/l
 RT: 10.06 min Scan# 2587
 Delta R.T. -0.00 min
 Lab File: VN064114.D
 Acq: 14 Oct 2020 15:06

Tgt Ion: 98 Resp: 258614
 Ion Ratio Lower Upper
 98 100
 100 63.3 50.8 76.2



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

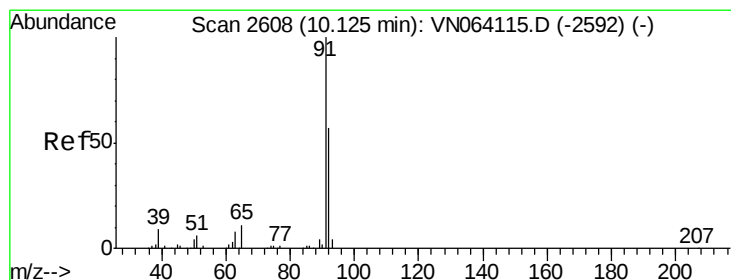
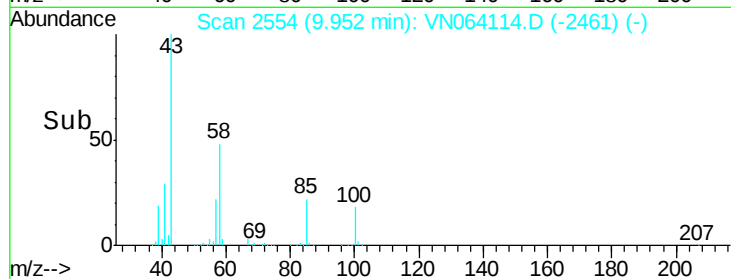
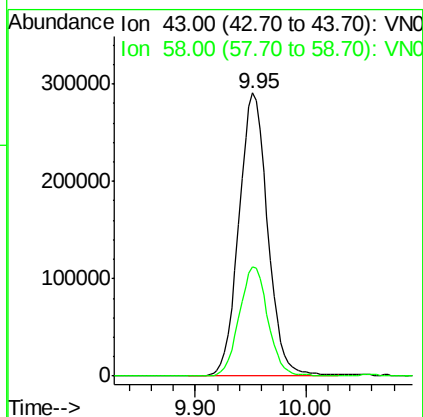
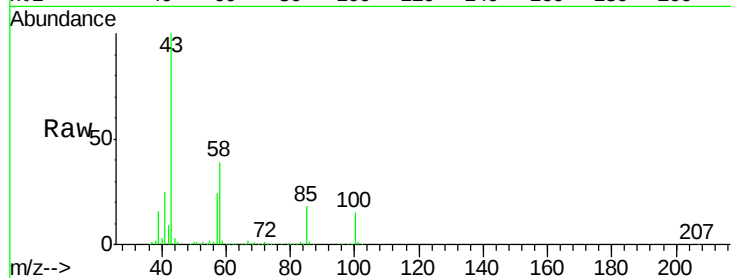




#51
 4-Methyl-2-Pentanone
 Concen: 96.155 ug/l
 RT: 9.95 min Scan# 2554
 Delta R.T. 0.00 min
 Lab File: VN064114.D
 Acq: 14 Oct 2020 15:06

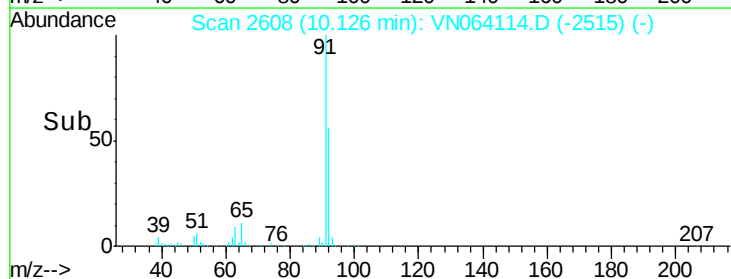
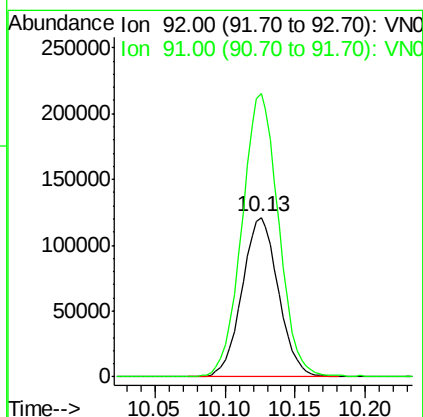
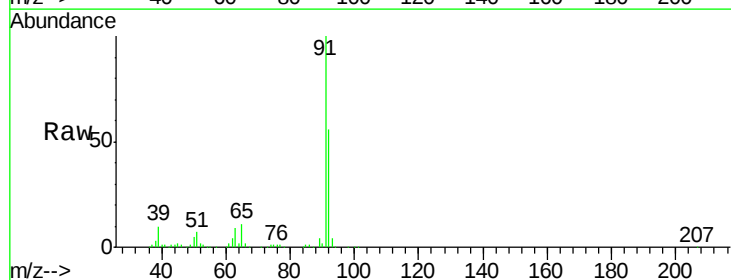
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

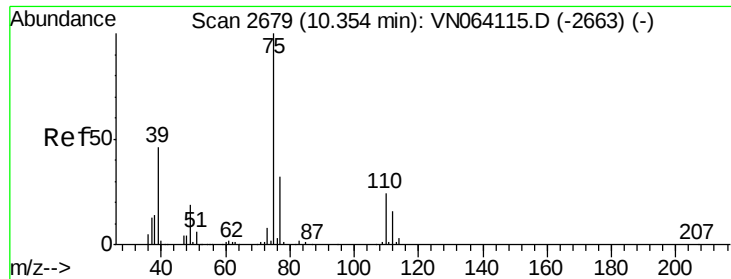
Tgt Ion: 43 Resp: 523987
 Ion Ratio Lower Upper
 43 100
 58 38.7 31.2 46.8



#52
 Toluene
 Concen: 21.189 ug/l
 RT: 10.13 min Scan# 2608
 Delta R.T. 0.00 min
 Lab File: VN064114.D
 Acq: 14 Oct 2020 15:06

Tgt Ion: 92 Resp: 219160
 Ion Ratio Lower Upper
 92 100
 91 178.6 141.2 211.8





#53

t-1,3-Dichloropropene

Concen: 19.352 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN064114.D

Acq: 14 Oct 2020 15:06

Instrument :

MSVOA_N

ClientSampleId :

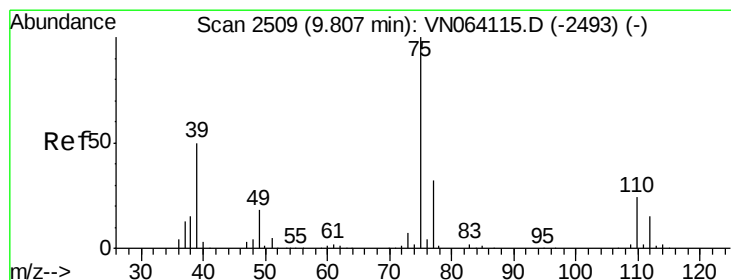
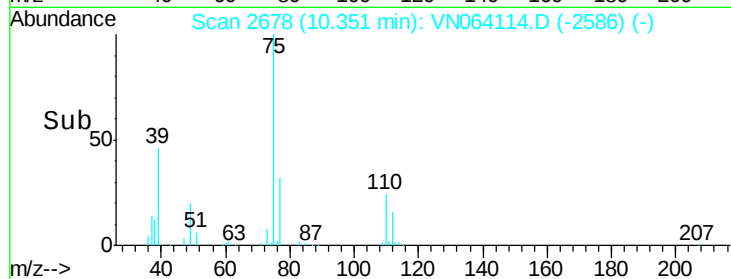
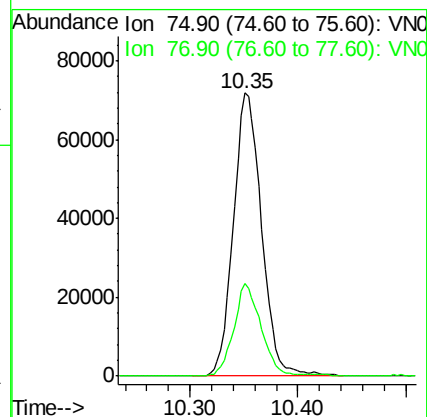
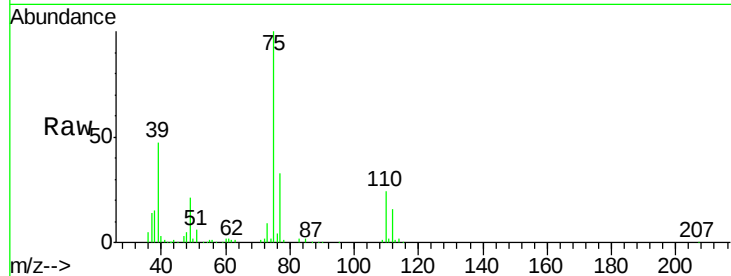
VSTDIC020

Tgt Ion: 75 Resp: 130883

Ion Ratio Lower Upper

75 100

77 32.7 25.6 38.4



#54

cis-1,3-Dichloropropene

Concen: 20.360 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN064114.D

Acq: 14 Oct 2020 15:06

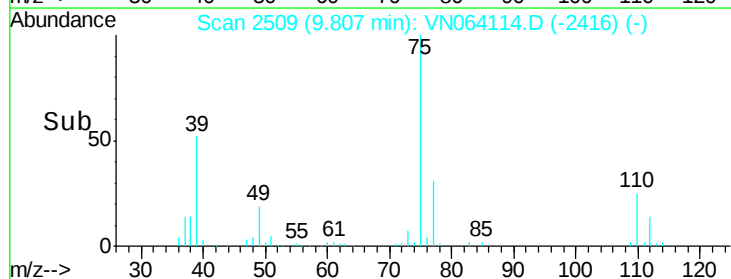
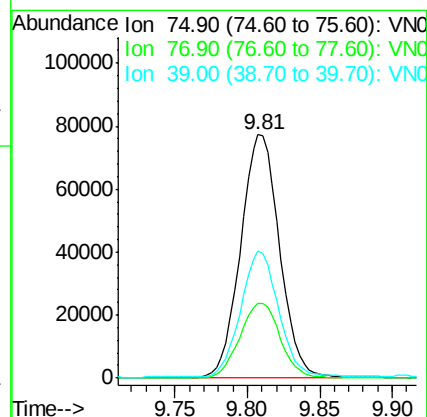
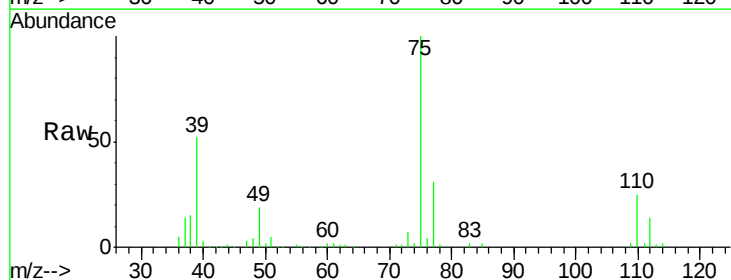
Tgt Ion: 75 Resp: 144458

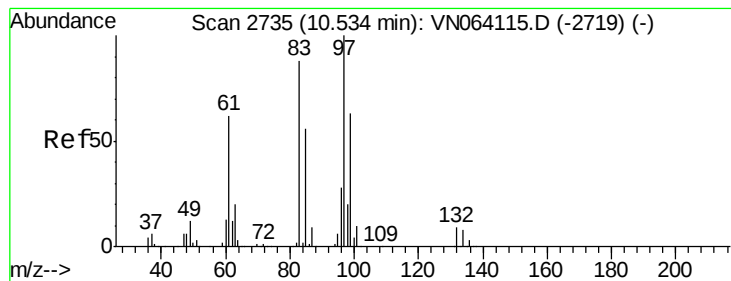
Ion Ratio Lower Upper

75 100

77 30.6 25.2 37.8

39 51.3 39.8 59.8





#55

1,1,2-Trichloroethane

Concen: 22.503 ug/l

RT: 10.53 min Scan# 2734

Delta R.T. -0.00 min

Lab File: VN064114.D

Acq: 14 Oct 2020 15:06

Instrument :

MSVOA_N

ClientSampled :

VSTDIC020

Tgt Ion: 97 Resp: 93116

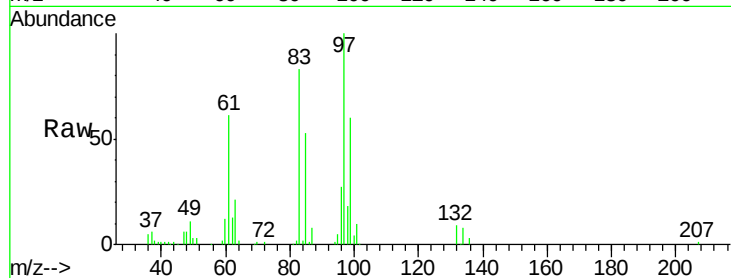
Ion Ratio Lower Upper

97 100

83 83.5 70.2 105.4

85 53.1 45.0 67.6

99 60.0 50.7 76.1

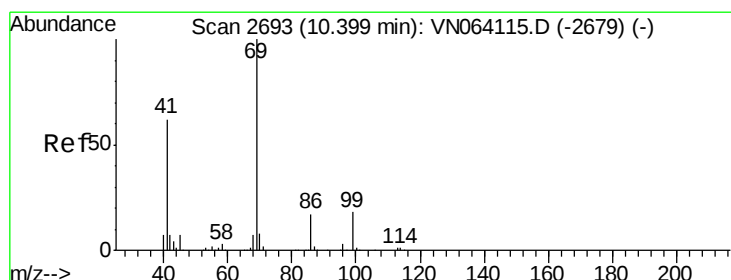
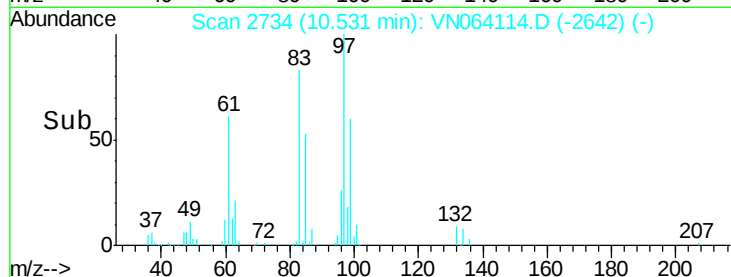
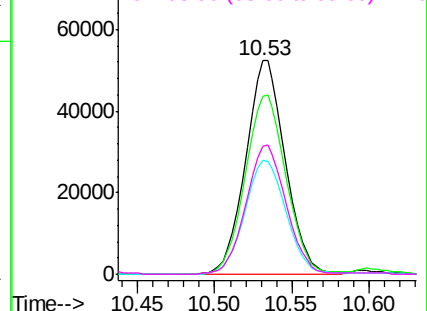


Abundance Ion 96.90 (96.60 to 97.60): VN064114.D (-2642) (-)

Ion 82.90 (82.60 to 83.60): VN064114.D (-2642) (-)

Ion 84.90 (84.60 to 85.60): VN064114.D (-2642) (-)

Ion 98.90 (98.60 to 99.60): VN064114.D (-2642) (-)



#56

Ethyl methacrylate

Concen: 19.981 ug/l

RT: 10.40 min Scan# 2694

Delta R.T. 0.00 min

Lab File: VN064114.D

Acq: 14 Oct 2020 15:06

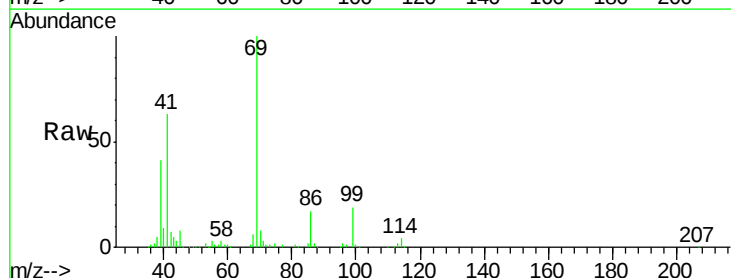
Tgt Ion: 69 Resp: 115808

Ion Ratio Lower Upper

69 100

41 63.4 49.3 73.9

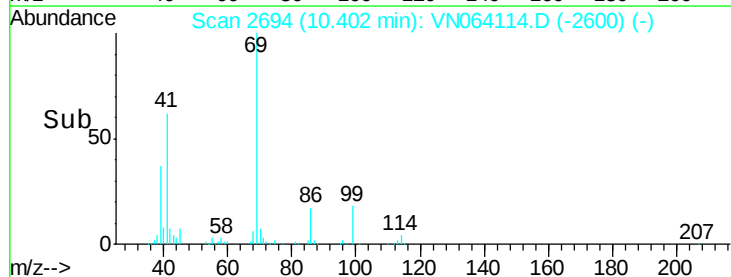
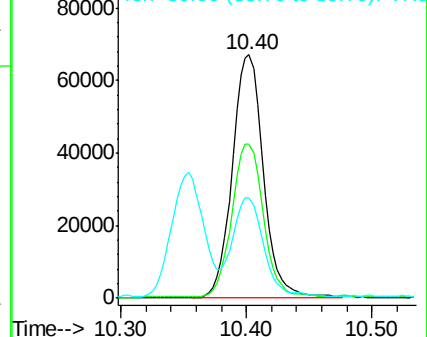
39 40.2 32.7 49.1

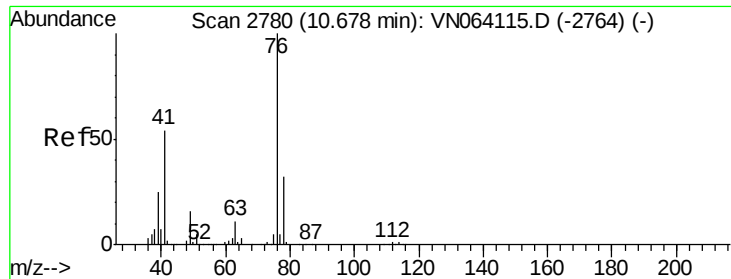


Abundance Ion 69.00 (68.70 to 69.70): VN064114.D (-2600) (-)

Ion 41.00 (40.70 to 41.70): VN064114.D (-2600) (-)

Ion 39.00 (38.70 to 39.70): VN064114.D (-2600) (-)

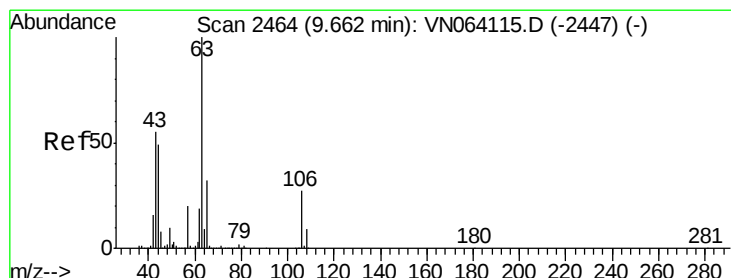
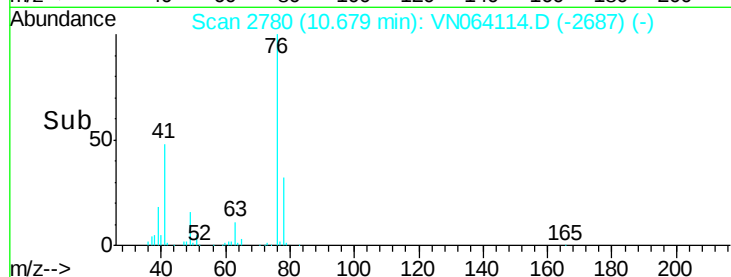
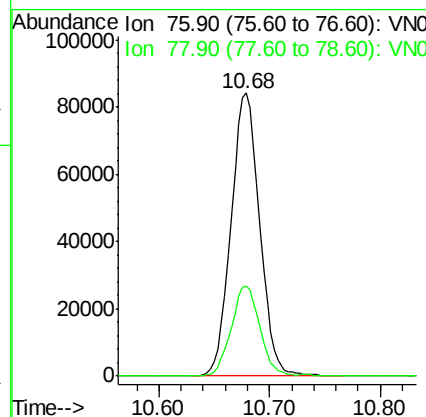
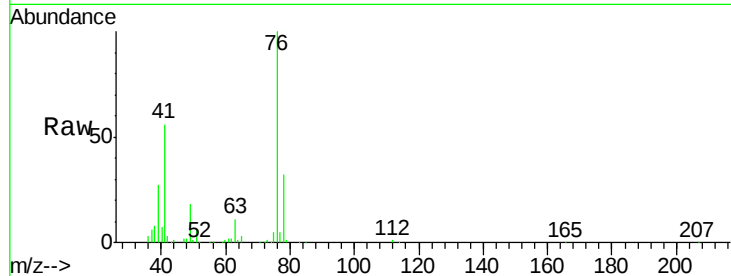




#57
 1,3-Dichloropropane
 Concen: 21.779 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: VN064114.D
 Acq: 14 Oct 2020 15:06

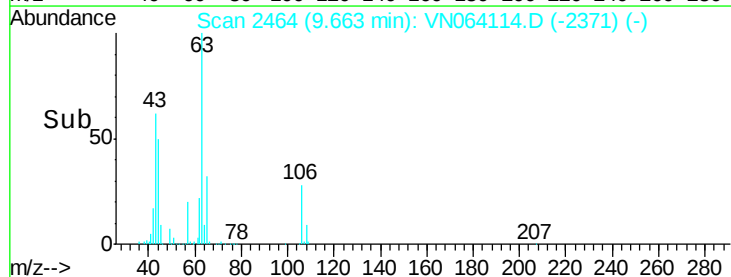
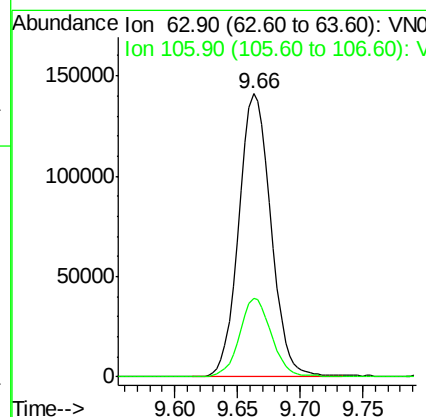
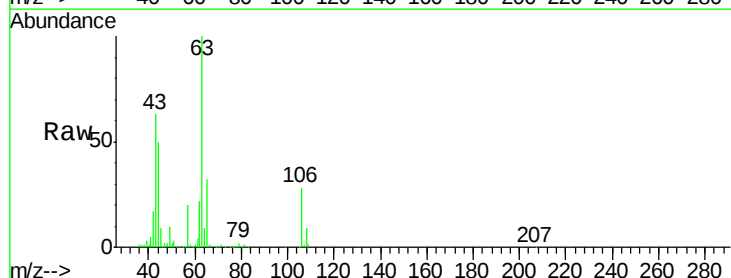
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

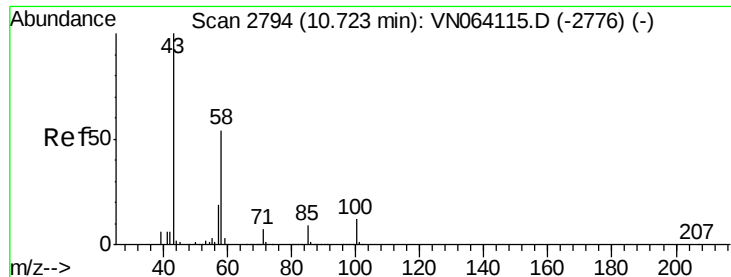
Tgt Ion: 76 Resp: 151773
 Ion Ratio Lower Upper
 76 100
 78 31.9 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 81.795 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN064114.D
 Acq: 14 Oct 2020 15:06

Tgt Ion: 63 Resp: 252189
 Ion Ratio Lower Upper
 63 100
 106 27.6 21.8 32.6

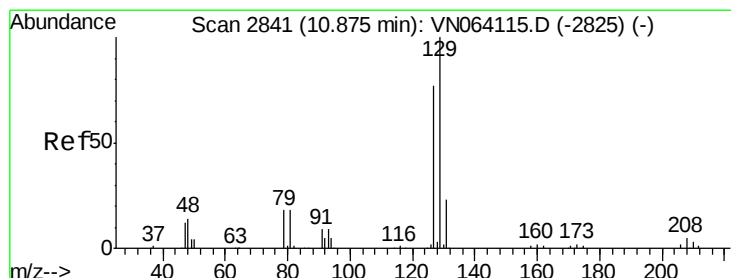
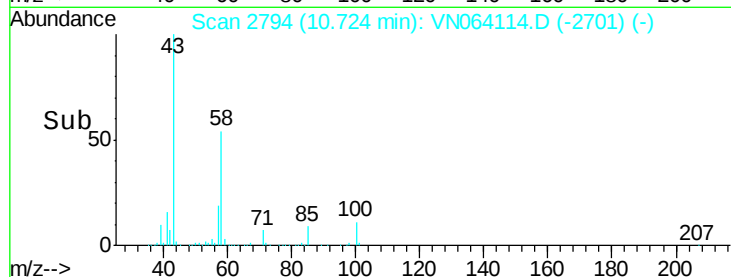
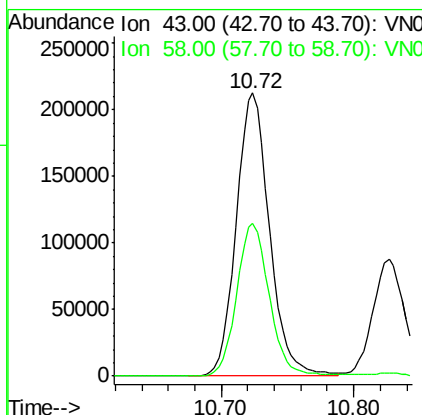
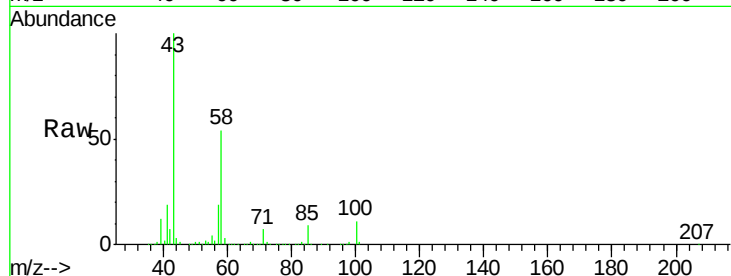




#59
2-Hexanone
Concen: 91.281 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064114.D
Acq: 14 Oct 2020 15:06

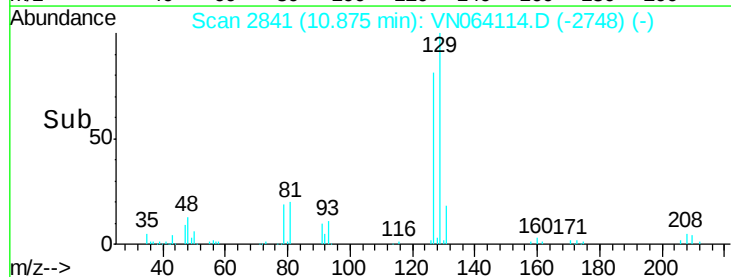
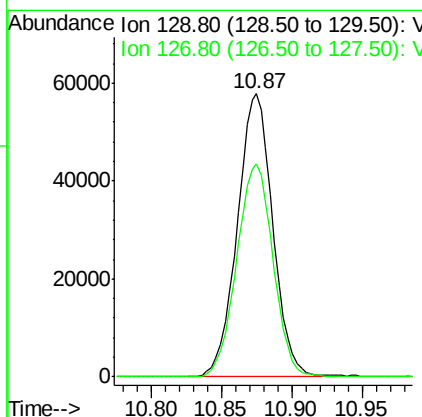
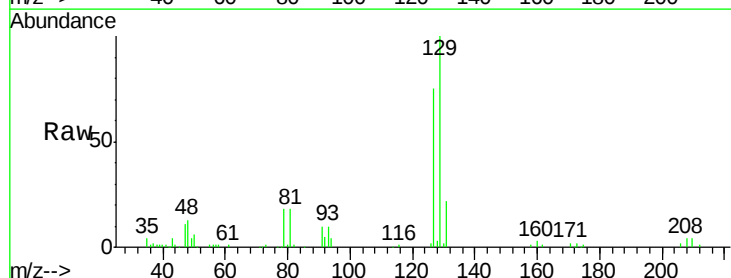
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

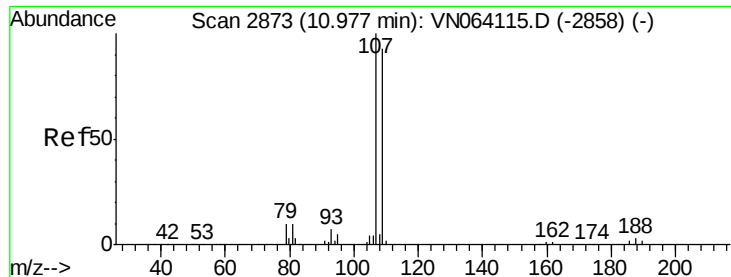
Tgt Ion: 43 Resp: 368403
Ion Ratio Lower Upper
43 100
58 53.4 27.2 81.6



#60
Dibromochloromethane
Concen: 21.079 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN064114.D
Acq: 14 Oct 2020 15:06

Tgt Ion: 129 Resp: 101826
Ion Ratio Lower Upper
129 100
127 77.1 38.2 114.6





#61

1,2-Dibromoethane

Concen: 22.352 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. 0.00 min

Lab File: VN064114.D

Acq: 14 Oct 2020 15:06

Instrument :

MSVOA_N

ClientSampleId :

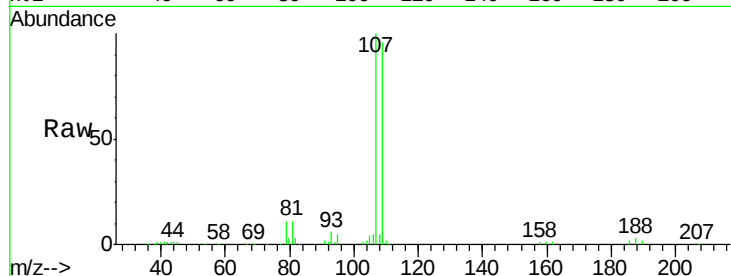
VSTDIC020

Tgt Ion: 107 Resp: 94971

Ion Ratio Lower Upper

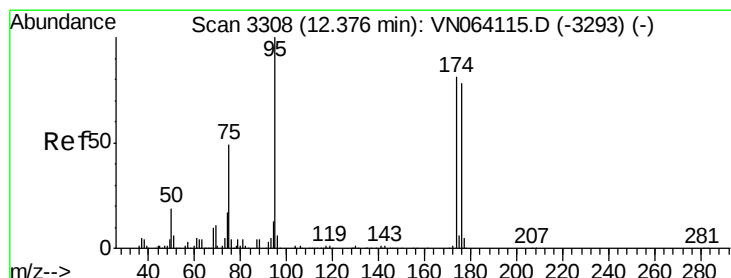
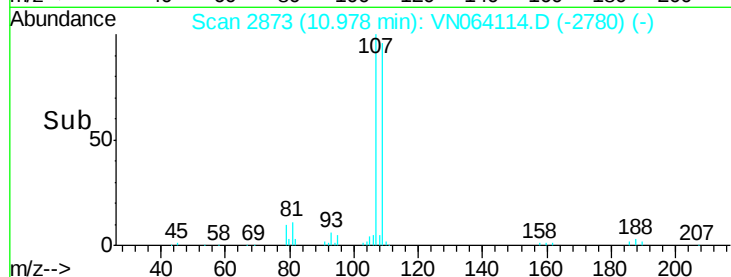
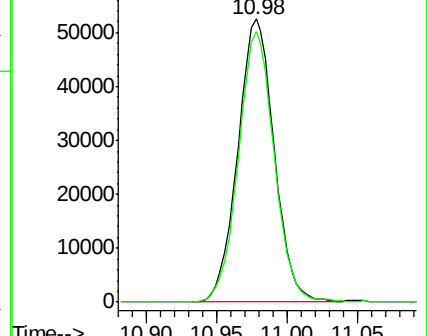
107 100

109 94.1 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 15.227 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064114.D

Acq: 14 Oct 2020 15:06

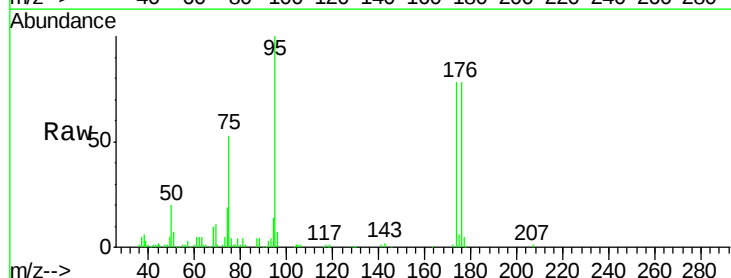
Tgt Ion: 95 Resp: 84504

Ion Ratio Lower Upper

95 100

174 80.2 0.0 164.8

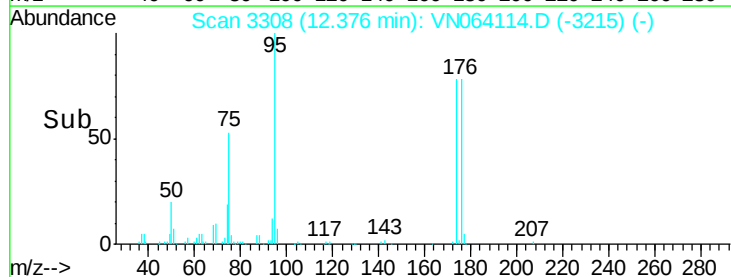
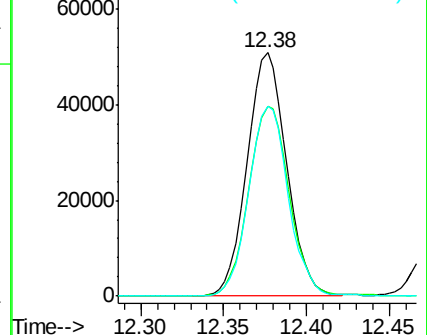
176 78.1 0.0 157.8

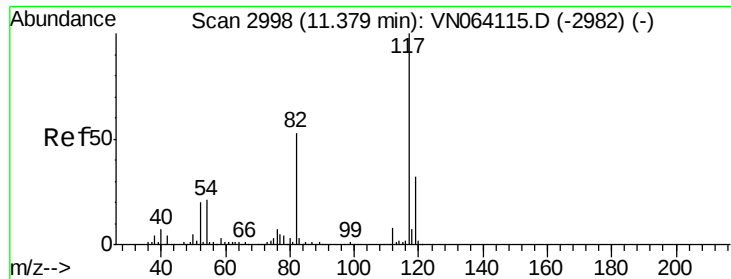


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN064114.D

Acq: 14 Oct 2020 15:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

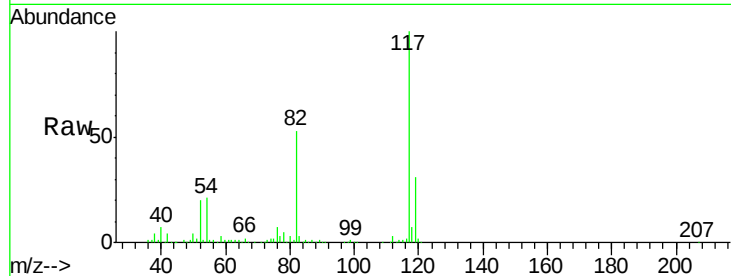
Tgt Ion:117 Resp: 540499

Ion Ratio Lower Upper

117 100

82 53.4 42.6 63.8

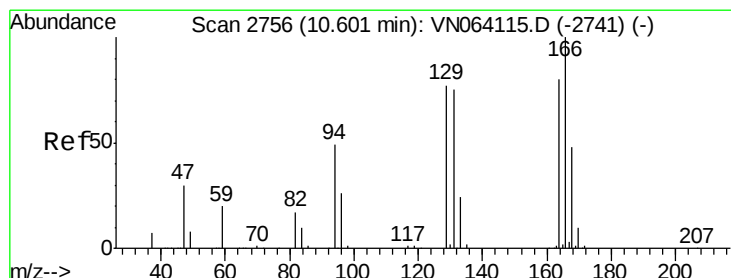
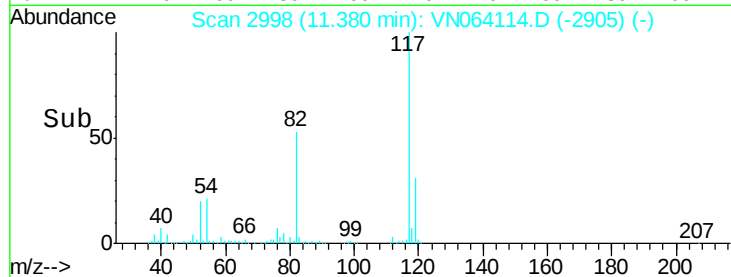
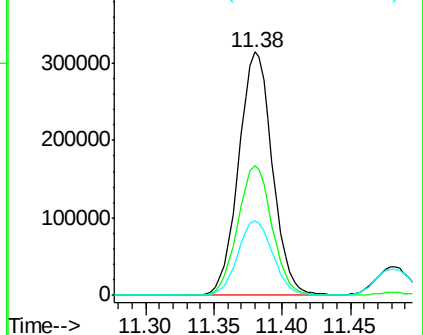
119 30.8 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 21.940 ug/l

RT: 10.60 min Scan# 2756

Delta R.T. 0.00 min

Lab File: VN064114.D

Acq: 14 Oct 2020 15:06

Tgt Ion:164 Resp: 92846

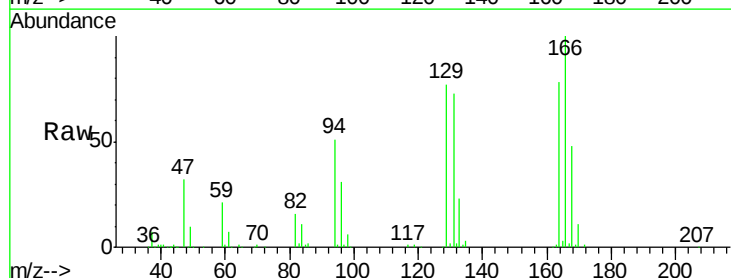
Ion Ratio Lower Upper

164 100

166 128.5 99.7 149.5

129 98.4 77.0 115.4

131 93.5 74.6 111.8

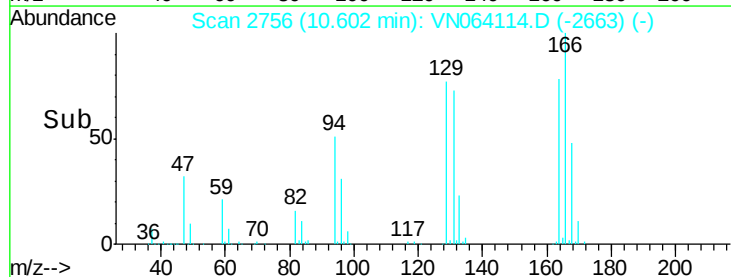
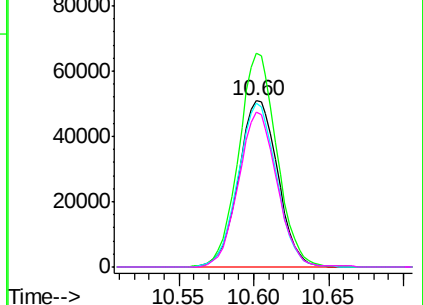


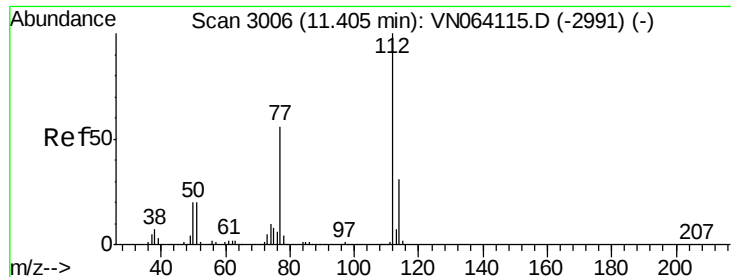
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 21.890 ug/l

RT: 11.41 min Scan# 3006

Delta R.T. 0.00 min

Lab File: VN064114.D

Acq: 14 Oct 2020 15:06

Instrument :

MSVOA_N

ClientSampleId :

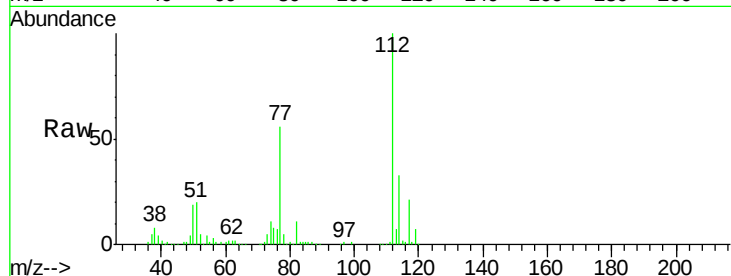
VSTDIC020

Tgt Ion:112 Resp: 245544

Ion Ratio Lower Upper

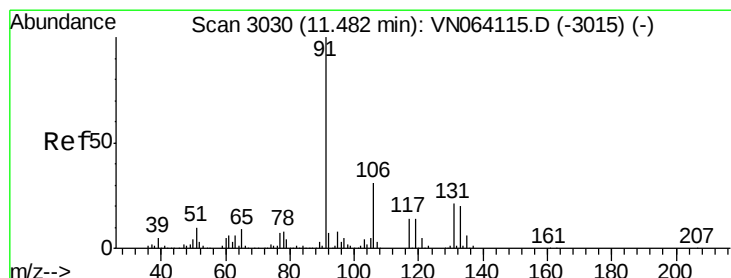
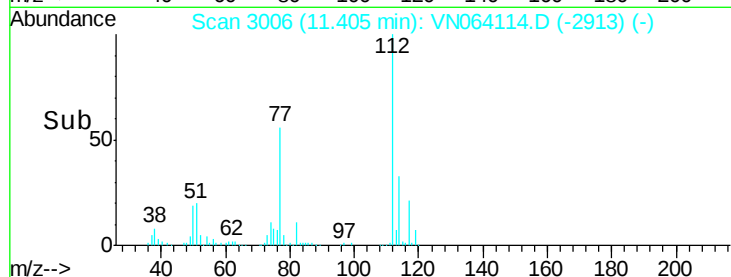
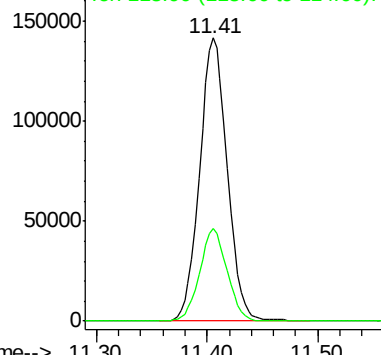
112 100

114 32.5 24.6 37.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 21.158 ug/l

RT: 11.48 min Scan# 3029

Delta R.T. -0.00 min

Lab File: VN064114.D

Acq: 14 Oct 2020 15:06

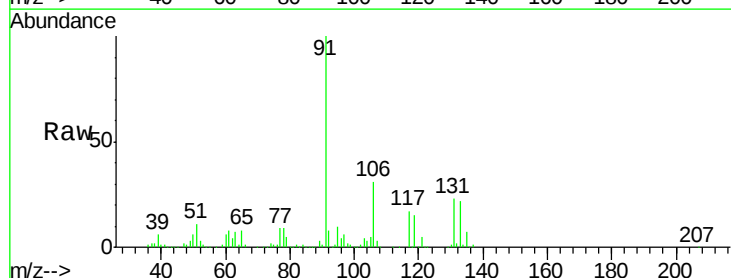
Tgt Ion:131 Resp: 90617

Ion Ratio Lower Upper

131 100

133 97.7 47.3 141.9

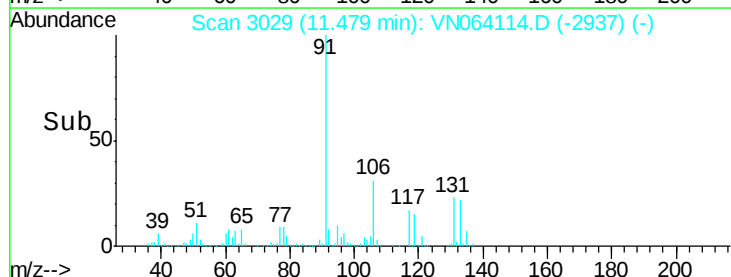
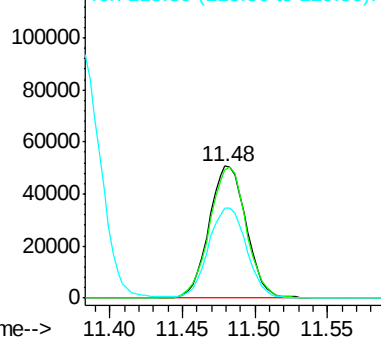
119 69.7 32.8 98.4

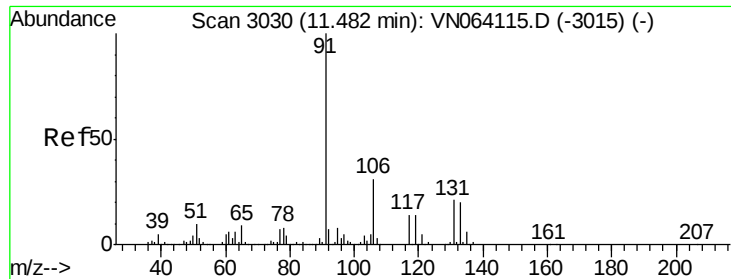


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

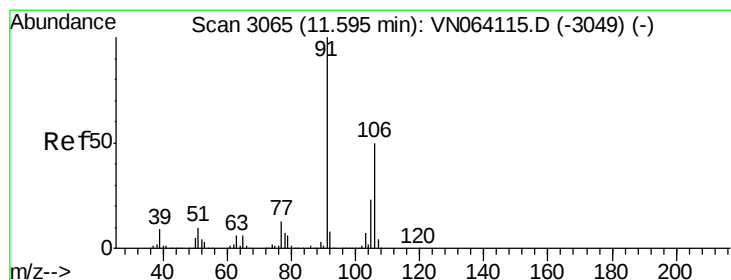
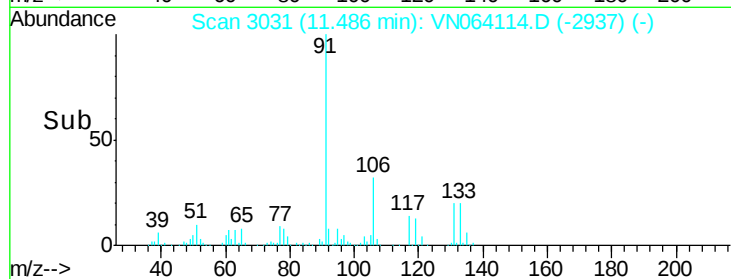
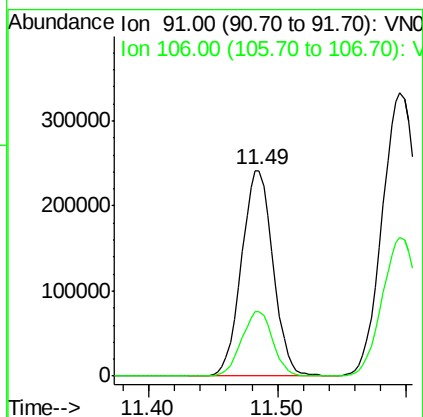
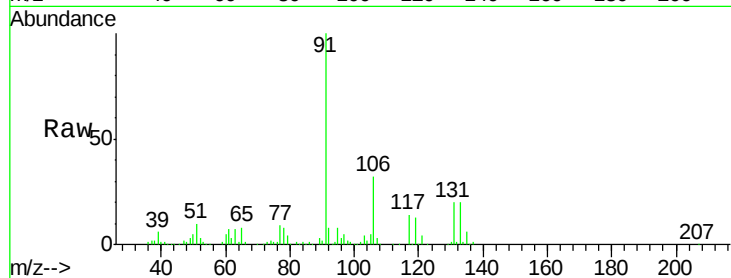




#67
Ethyl Benzene
Concen: 20.446 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN064114.D
Acq: 14 Oct 2020 15:06

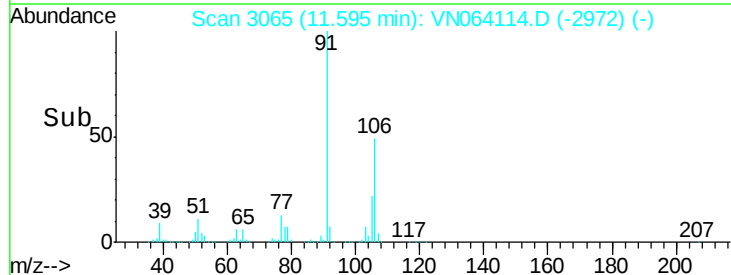
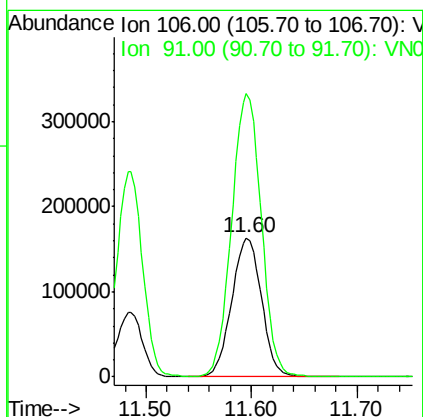
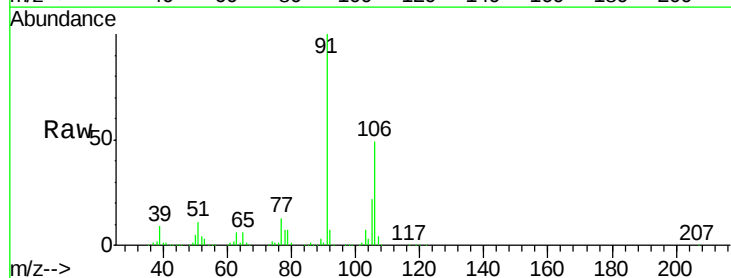
Instrument :
MSVOA_N
ClientSampled :
VSTDIC020

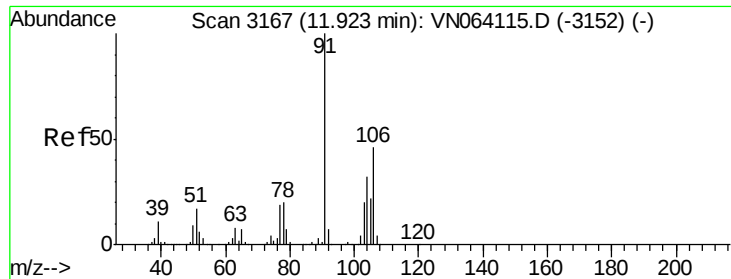
Tgt Ion: 91 Resp: 411885
Ion Ratio Lower Upper
91 100
106 31.7 24.7 37.1



#68
m/p-Xylenes
Concen: 41.964 ug/l
RT: 11.60 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN064114.D
Acq: 14 Oct 2020 15:06

Tgt Ion: 106 Resp: 317018
Ion Ratio Lower Upper
106 100
91 202.8 162.1 243.1

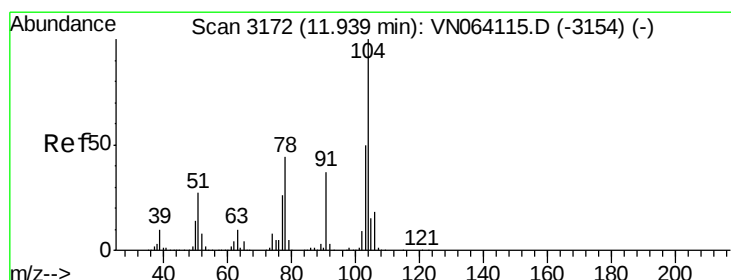
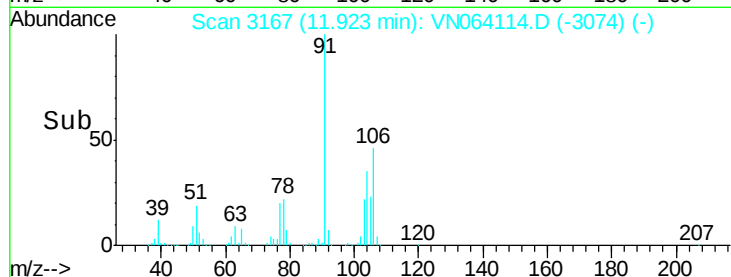
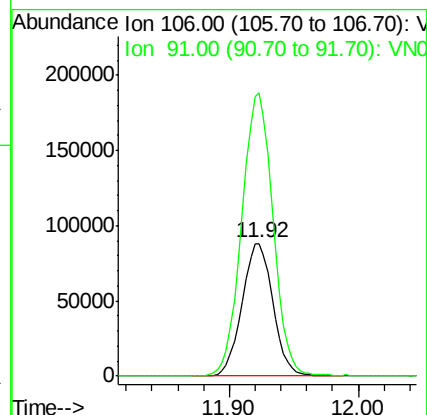
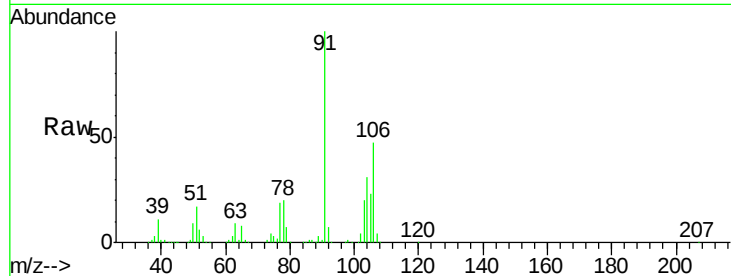




#69
o-Xylene
Concen: 20.841 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN064114.D
Acq: 14 Oct 2020 15:06

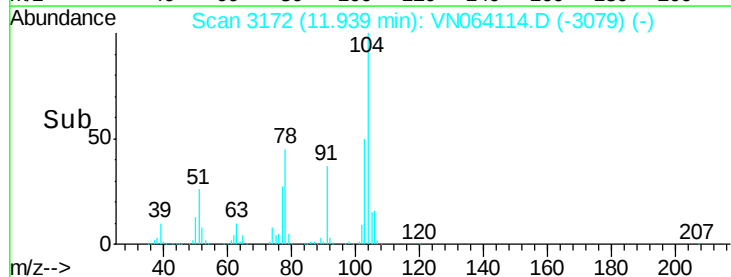
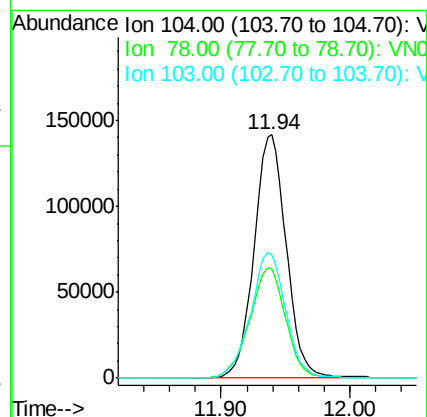
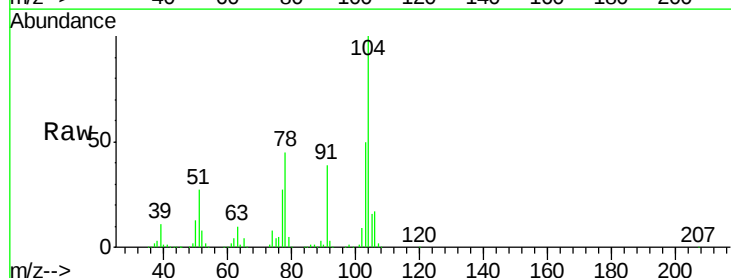
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

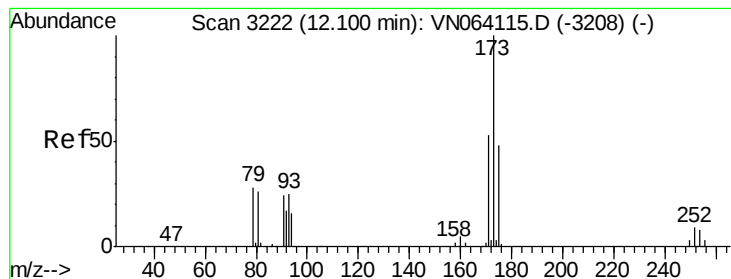
Tgt Ion:106 Resp: 147199
Ion Ratio Lower Upper
106 100
91 216.1 107.6 322.8



#70
Styrene
Concen: 20.637 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN064114.D
Acq: 14 Oct 2020 15:06

Tgt Ion:104 Resp: 246782
Ion Ratio Lower Upper
104 100
78 50.8 39.7 59.5
103 56.4 44.2 66.2





#71

Bromoform

Concen: 20.701 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064114.D

Acq: 14 Oct 2020 15:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

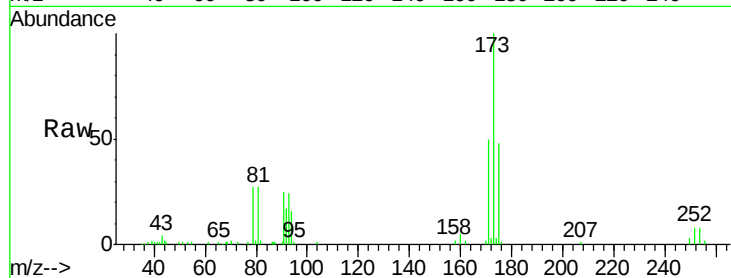
Tgt Ion:173 Resp: 67646

Ion Ratio Lower Upper

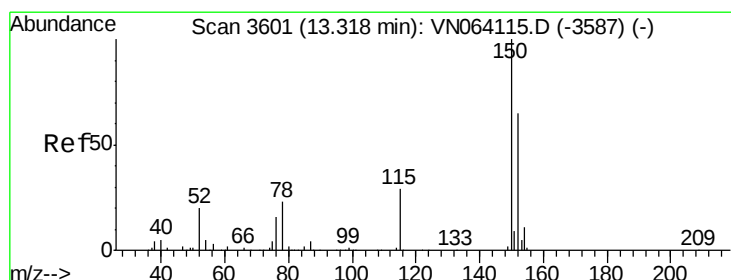
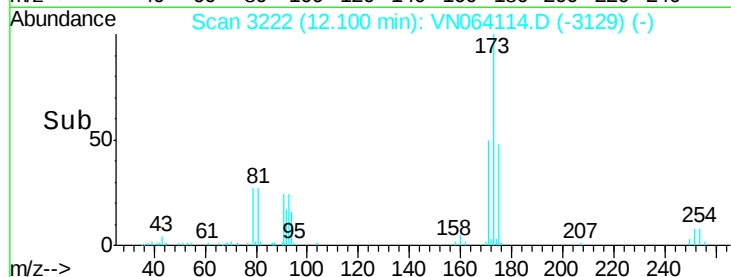
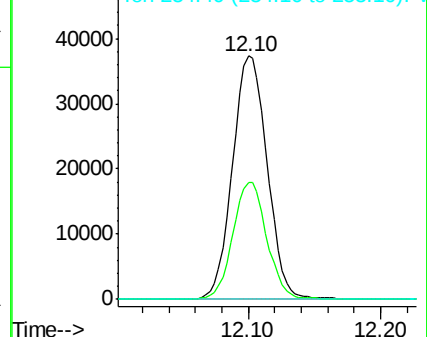
173 100

175 47.1 23.4 70.2

254 0.0 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: VN064114.D

Acq: 14 Oct 2020 15:06

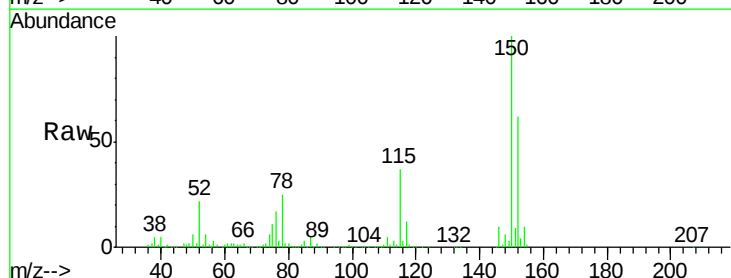
Tgt Ion:152 Resp: 241411

Ion Ratio Lower Upper

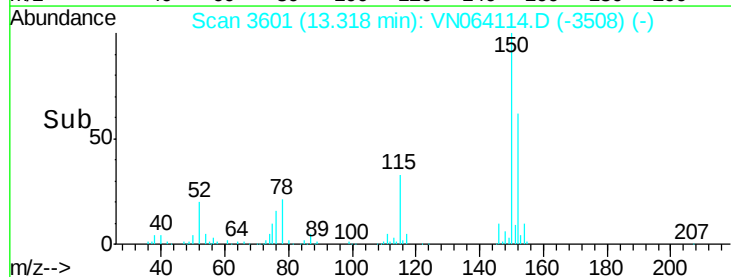
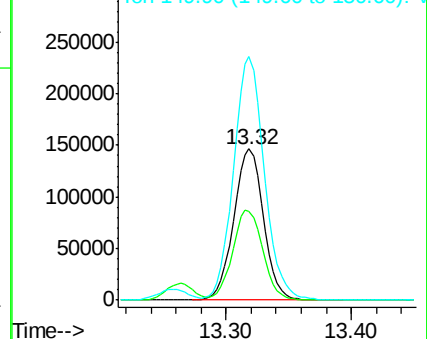
152 100

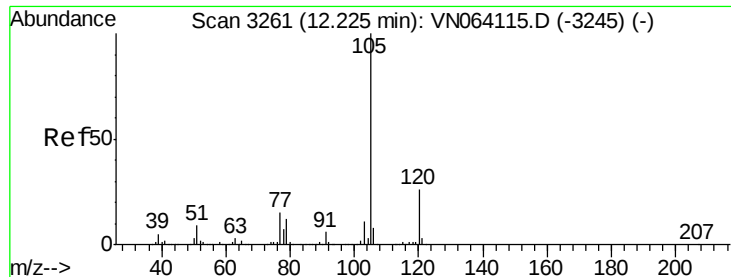
115 60.1 29.3 87.8

150 164.9 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: 22.031 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN064114.D

Acq: 14 Oct 2020 15:06

Instrument :

MSVOA_N

ClientSampleId :

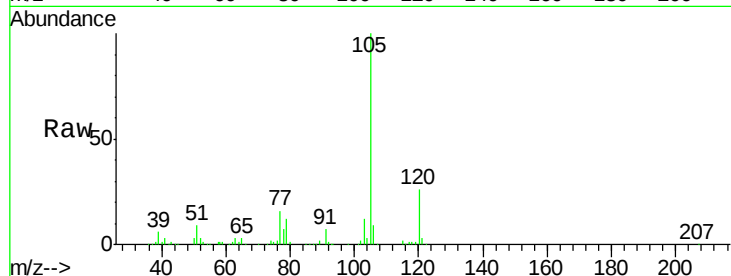
VSTDIC020

Tgt Ion: 105 Resp: 388450

Ion Ratio Lower Upper

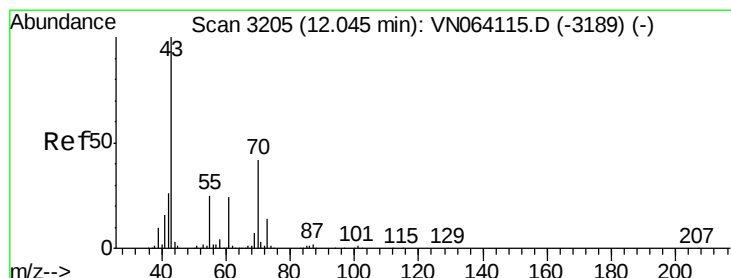
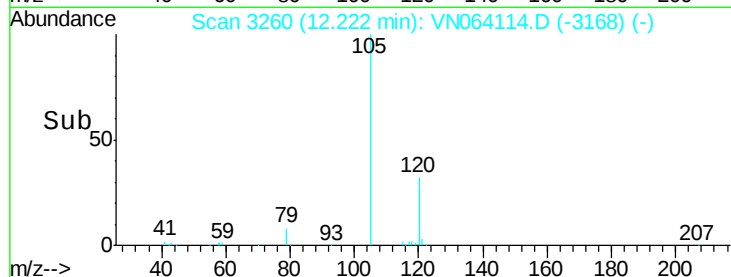
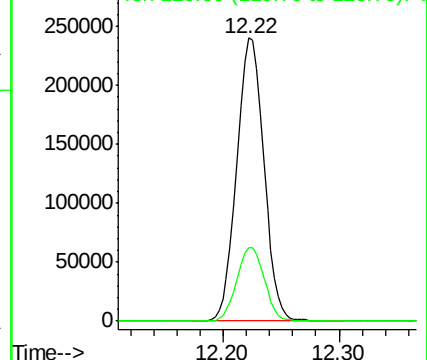
105 100

120 26.4 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.356 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN064114.D

Acq: 14 Oct 2020 15:06

Tgt Ion: 43 Resp: 137735

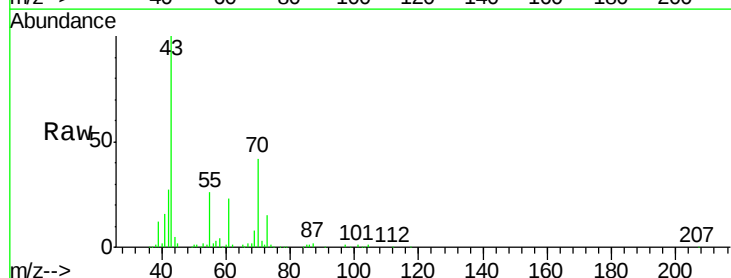
Ion Ratio Lower Upper

43 100

70 42.2 33.2 49.8

55 26.4 19.9 29.9

61 23.4 18.8 28.2

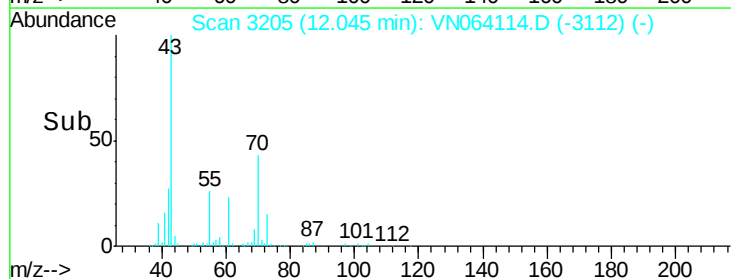
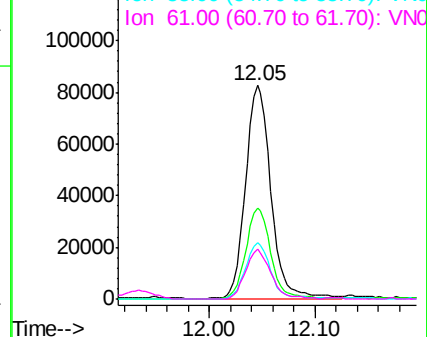


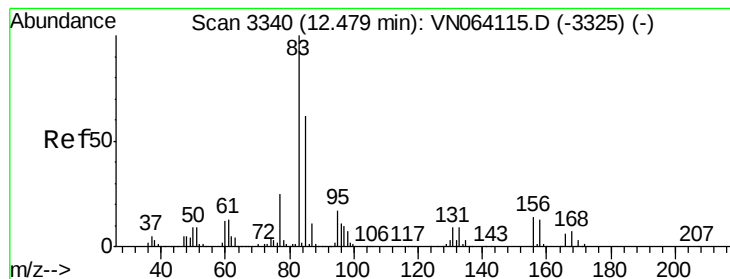
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 23.138 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064114.D

Acq: 14 Oct 2020 15:06

Instrument :

MSVOA_N

ClientSampled :

VSTDIC020

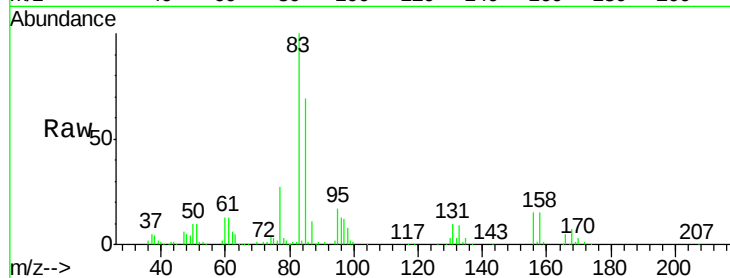
Tgt Ion: 83 Resp: 125726

Ion Ratio Lower Upper

83 100

131 9.9 5.0 15.0

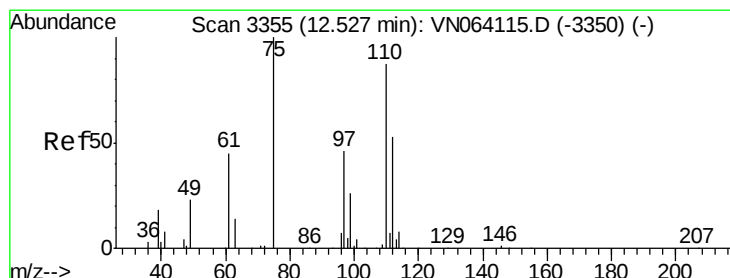
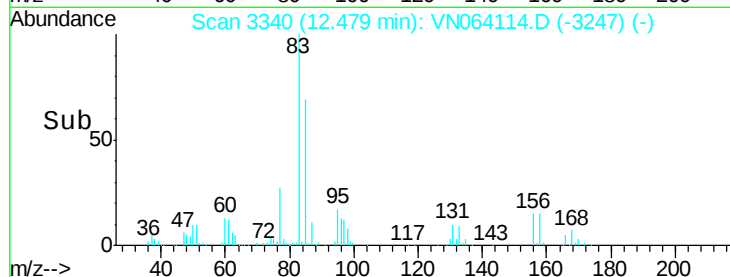
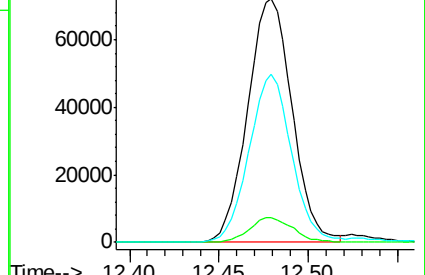
85 65.8 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VN064114.D (-3340) (-)

Ion 130.80 (130.50 to 131.50): VN064114.D (-3340) (-)

Ion 84.90 (84.60 to 85.60): VN064114.D (-3340) (-)



#76

1,2,3-Trichloropropane

Concen: 30.806 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064114.D

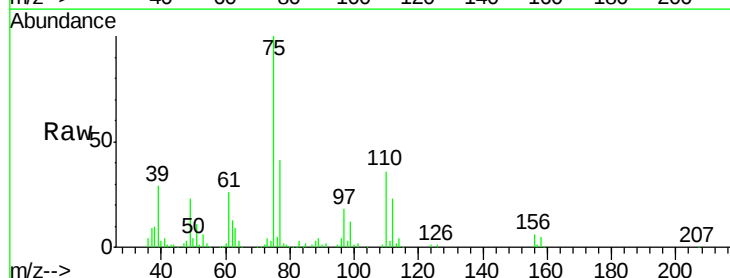
Acq: 14 Oct 2020 15:06

Tgt Ion: 75 Resp: 164104

Ion Ratio Lower Upper

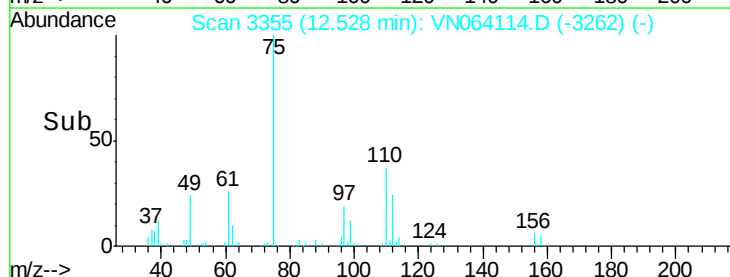
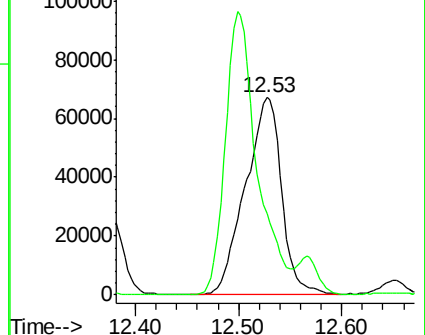
75 100

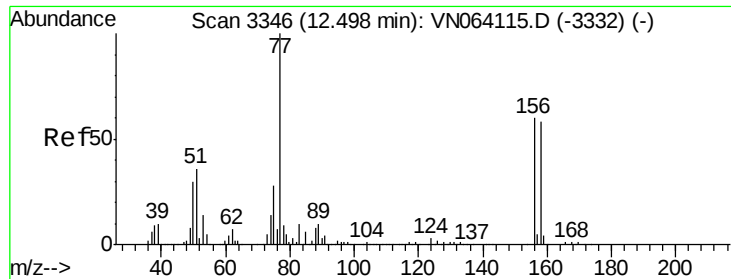
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN064114.D (-3355) (-)

Ion 77.00 (76.70 to 77.70): VN064114.D (-3355) (-)





#77

Bromobenzene

Concen: 23.180 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. 0.00 min

Lab File: VN064114.D

Acq: 14 Oct 2020 15:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

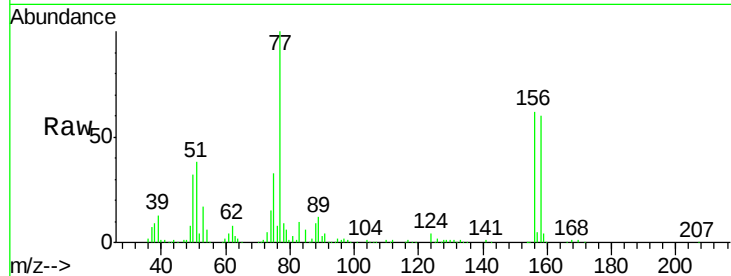
Tgt Ion:156 Resp: 101908

Ion Ratio Lower Upper

156 100

77 201.8 99.3 297.9

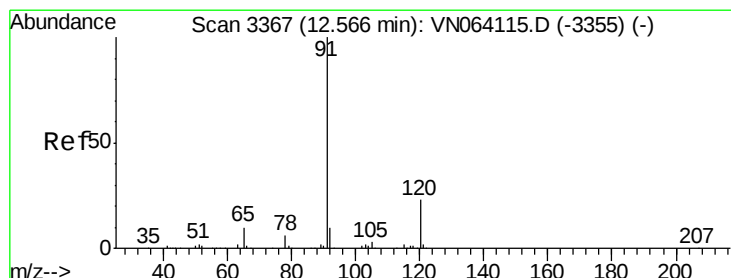
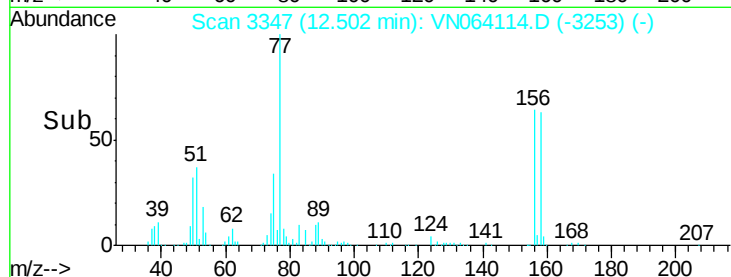
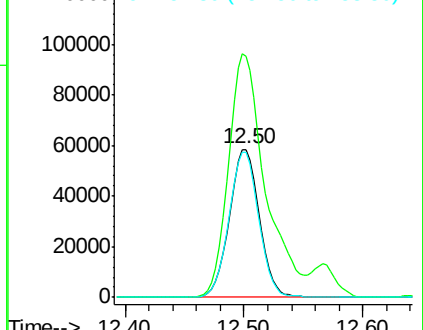
158 97.6 48.6 145.9



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: 21.107 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064114.D

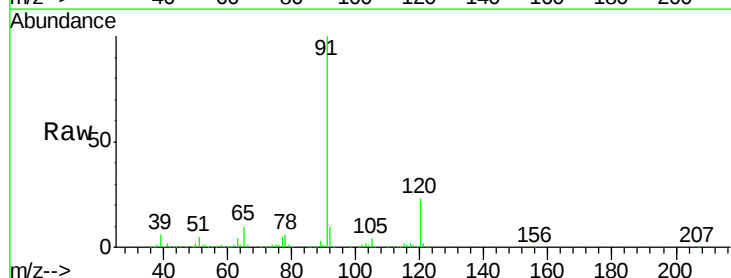
Acq: 14 Oct 2020 15:06

Tgt Ion: 91 Resp: 432536

Ion Ratio Lower Upper

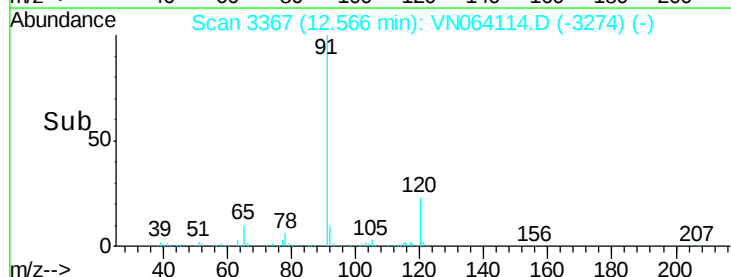
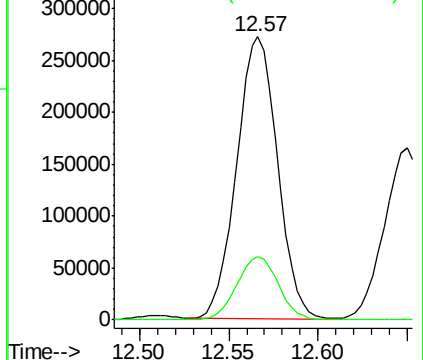
91 100

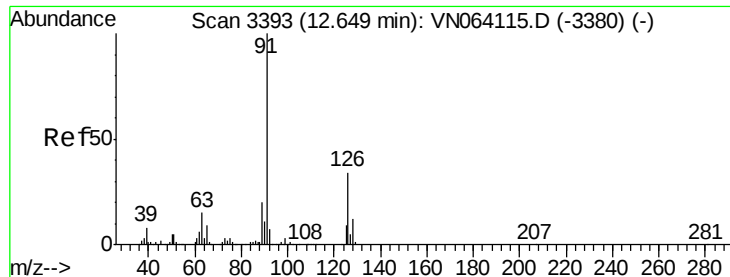
120 22.9 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

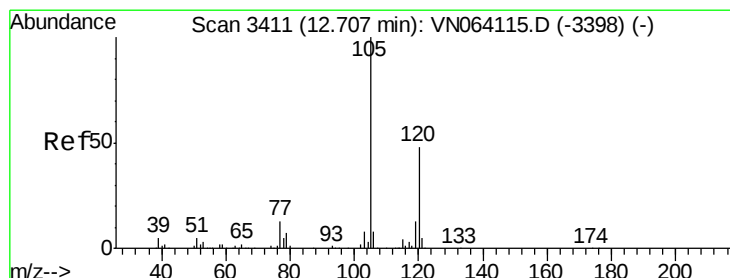
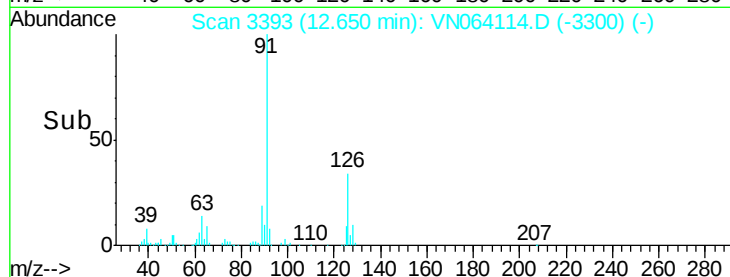
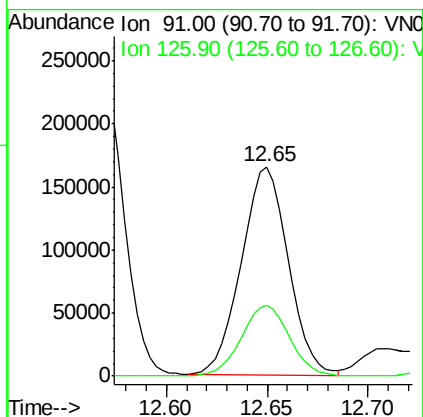
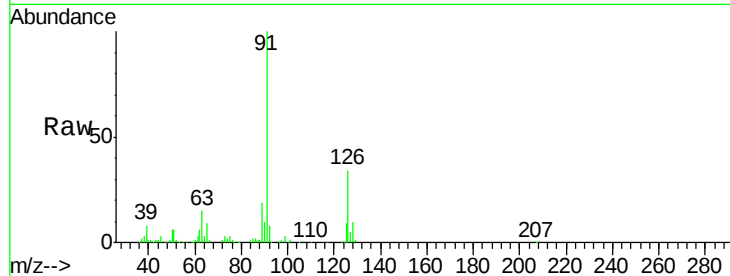




#79
 2-Chlorotoluene
 Concen: 21.296 ug/l
 RT: 12.65 min Scan# 3393
 Delta R.T. 0.00 min
 Lab File: VN064114.D
 Acq: 14 Oct 2020 15:06

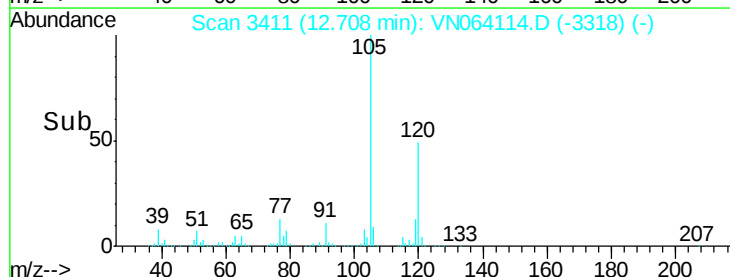
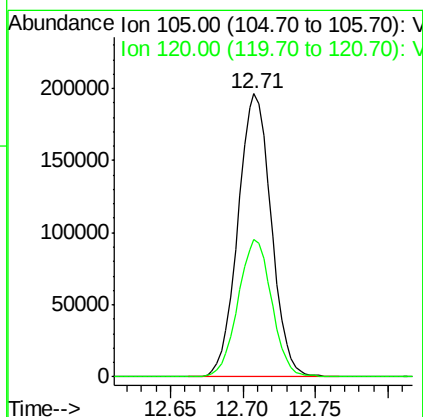
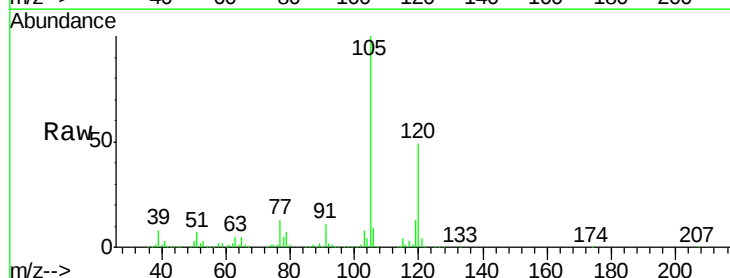
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC020

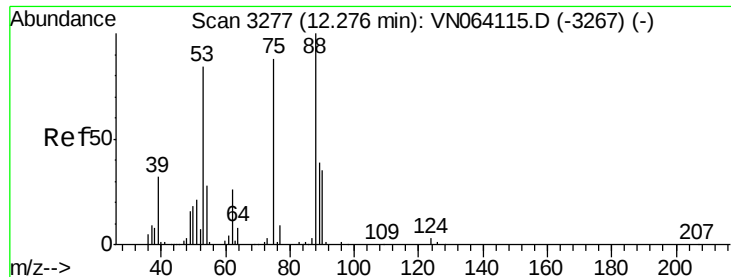
Tgt Ion: 91 Resp: 269071
 Ion Ratio Lower Upper
 91 100
 126 35.0 17.5 52.5



#80
 1,3,5-Trimethylbenzene
 Concen: 21.103 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN064114.D
 Acq: 14 Oct 2020 15:06

Tgt Ion: 105 Resp: 312185
 Ion Ratio Lower Upper
 105 100
 120 49.4 24.0 72.0





#81

trans-1,4-Dichloro-2-butene

Concen: 20.399 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. -0.00 min

Lab File: VN064114.D

Acq: 14 Oct 2020 15:06

Instrument :

MSVOA_N

ClientSampled :

VSTDIC020

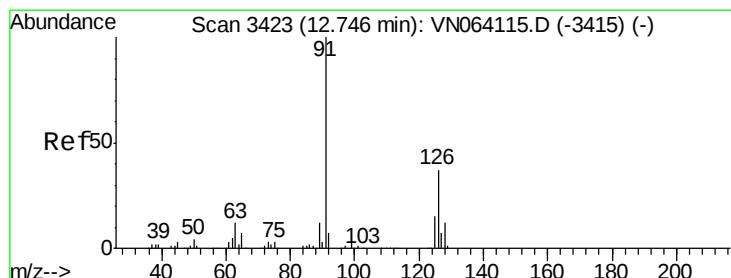
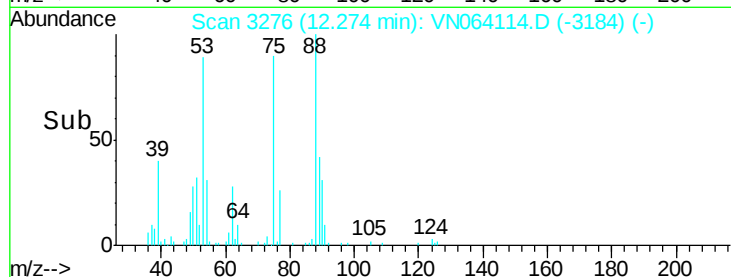
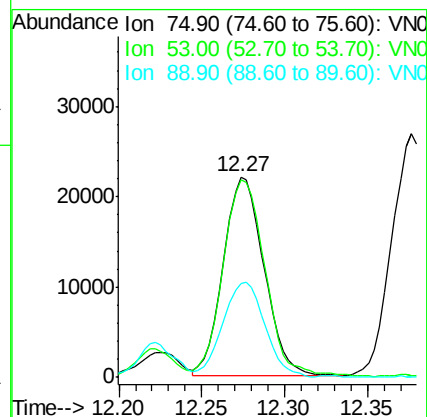
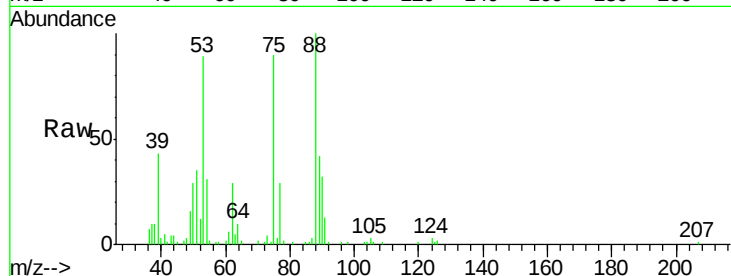
Tgt Ion: 75 Resp: 37487

Ion Ratio Lower Upper

75 100

53 104.5 75.7 113.5

89 49.9 36.6 55.0



#82

4-Chlorotoluene

Concen: 20.935 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN064114.D

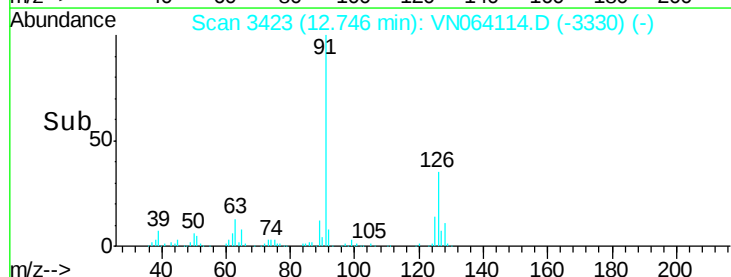
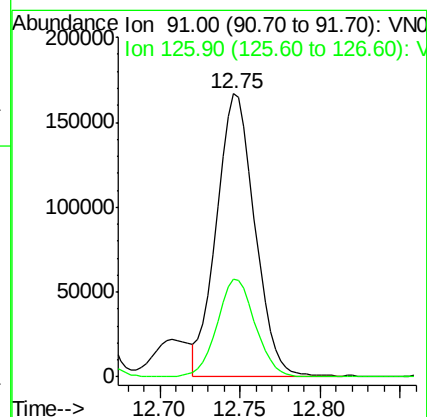
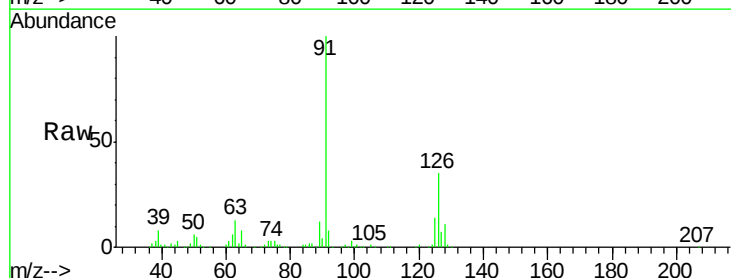
Acq: 14 Oct 2020 15:06

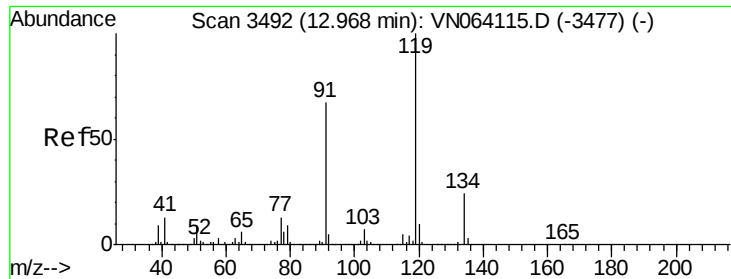
Tgt Ion: 91 Resp: 273458

Ion Ratio Lower Upper

91 100

126 34.8 17.1 51.2

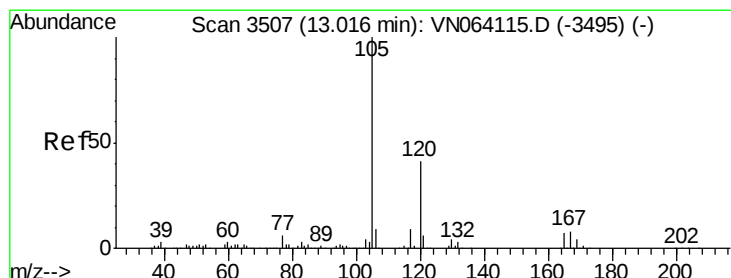
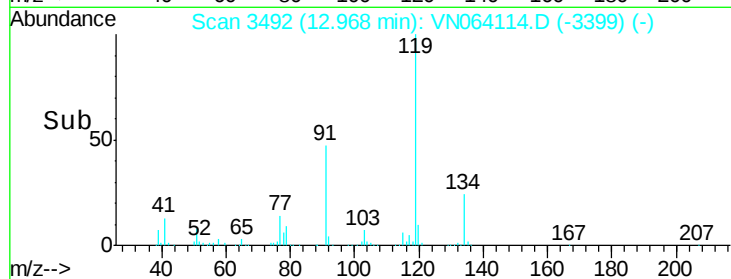
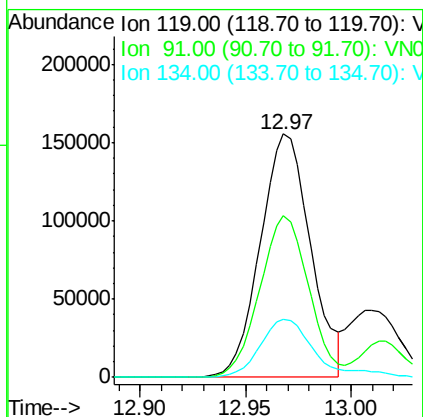
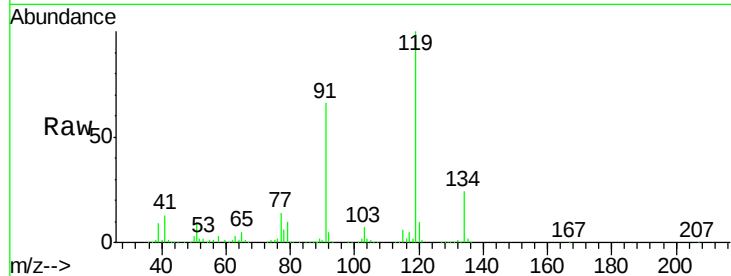




#83
 tert-Butylbenzene
 Concen: 21.354 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN064114.D
 Acq: 14 Oct 2020 15:06

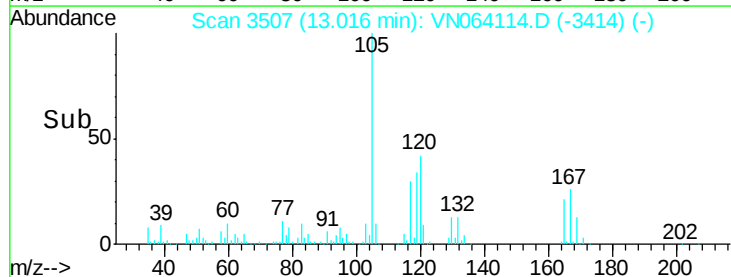
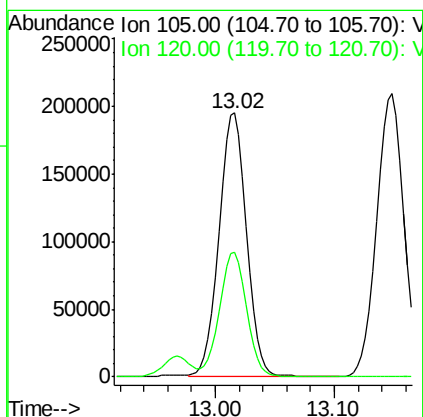
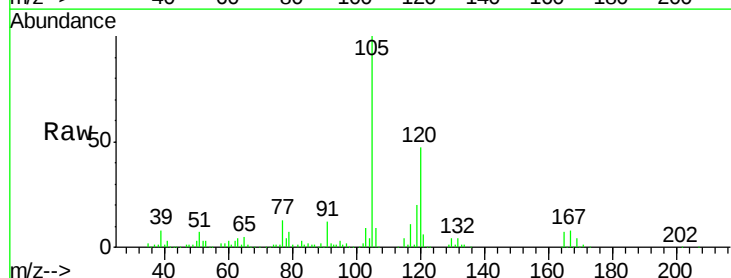
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

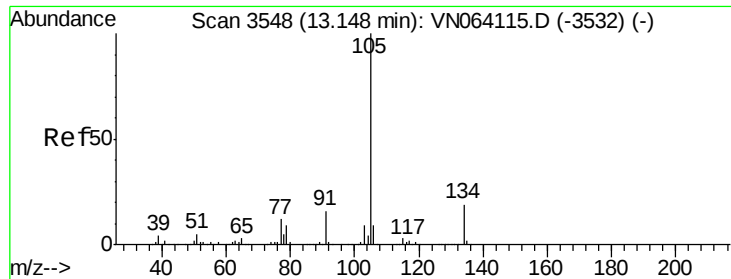
Tgt Ion:119 Resp: 258243
 Ion Ratio Lower Upper
 119 100
 91 64.4 32.6 98.0
 134 26.0 13.0 39.0



#84
 1,2,4-Trimethylbenzene
 Concen: 21.137 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. 0.00 min
 Lab File: VN064114.D
 Acq: 14 Oct 2020 15:06

Tgt Ion:105 Resp: 310602
 Ion Ratio Lower Upper
 105 100
 120 46.5 22.8 68.4

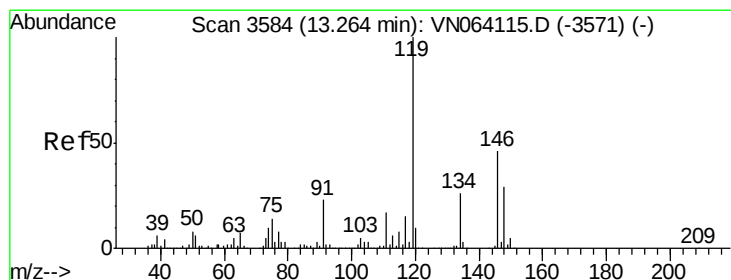
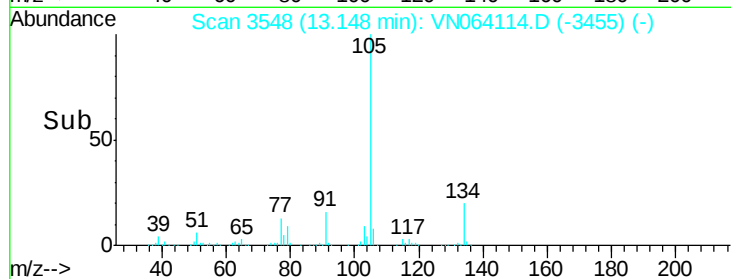
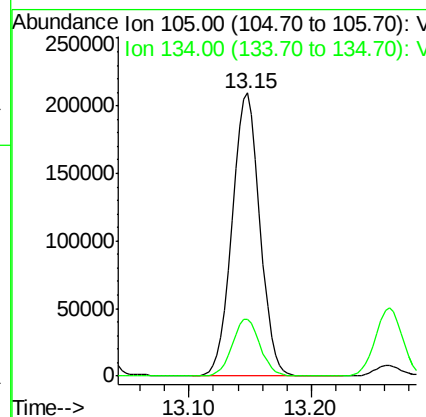
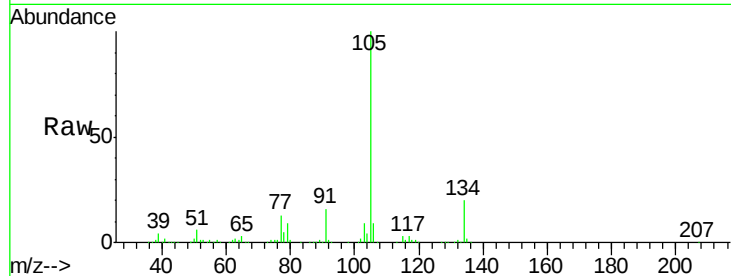




#85
 sec-Butylbenzene
 Concen: 20.933 ug/l
 RT: 13.15 min Scan# 3548
 Delta R.T. 0.00 min
 Lab File: VN064114.D
 Acq: 14 Oct 2020 15:06

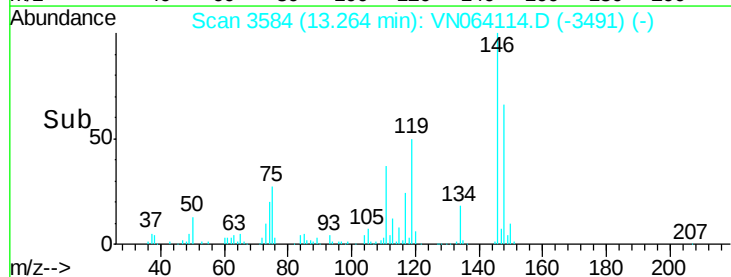
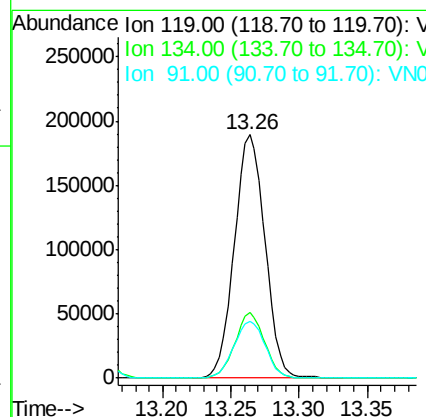
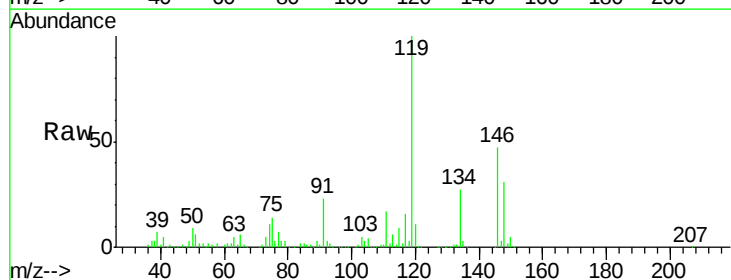
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

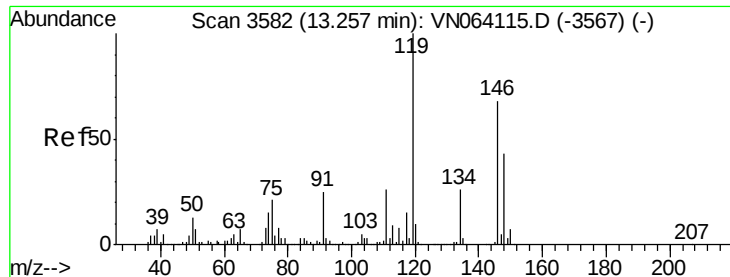
Tgt Ion:105 Resp: 331779
 Ion Ratio Lower Upper
 105 100
 134 20.3 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 21.004 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN064114.D
 Acq: 14 Oct 2020 15:06

Tgt Ion:119 Resp: 294124
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.2 39.5
 91 23.7 12.0 36.1

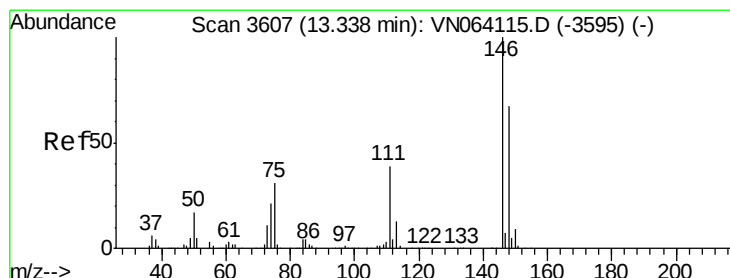
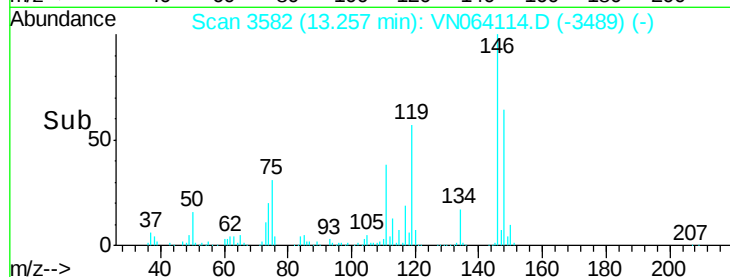
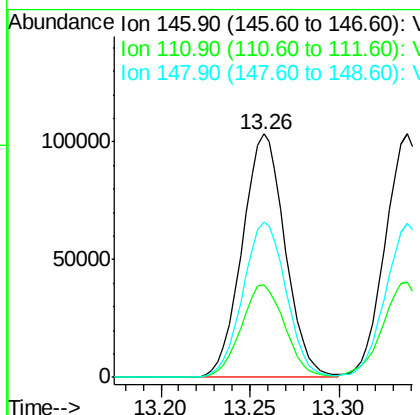
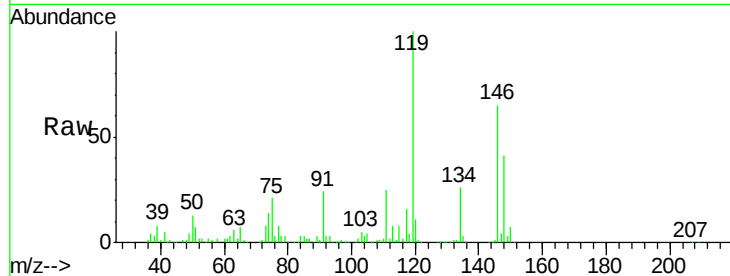




#87
 1,3-Dichlorobenzene
 Concen: 22.025 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064114.D
 Acq: 14 Oct 2020 15:06

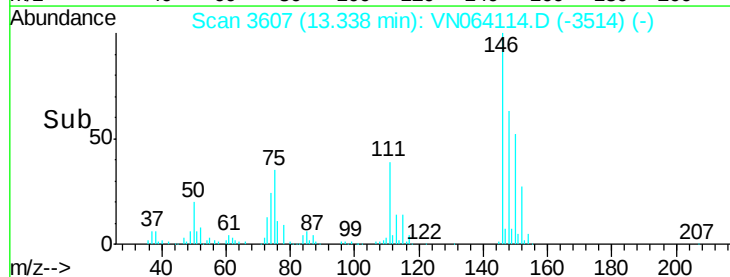
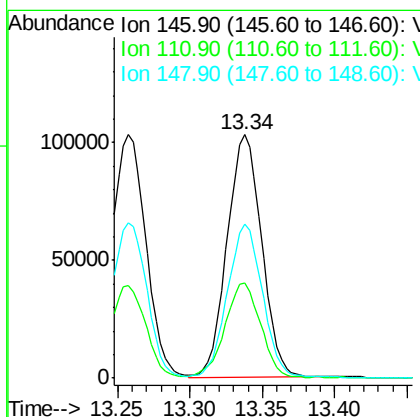
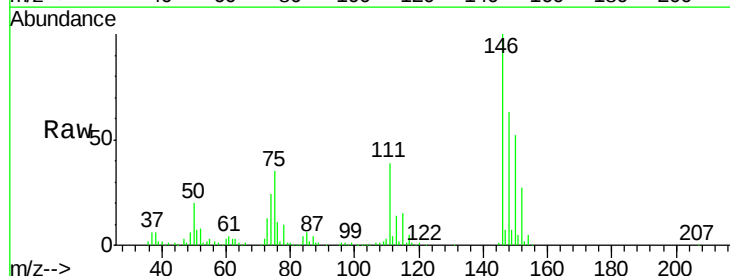
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC020

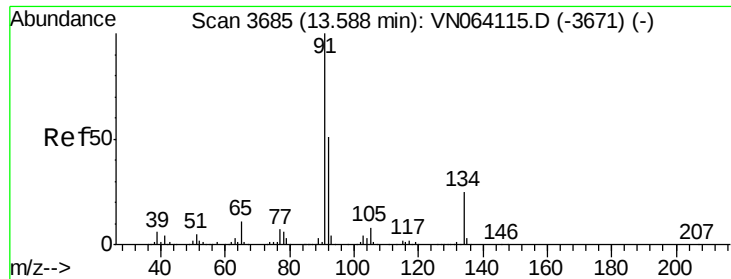
Tgt Ion:146 Resp: 173812
 Ion Ratio Lower Upper
 146 100
 111 38.6 19.7 59.1
 148 64.2 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 20.812 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064114.D
 Acq: 14 Oct 2020 15:06

Tgt Ion:146 Resp: 171168
 Ion Ratio Lower Upper
 146 100
 111 39.8 19.3 57.9
 148 64.2 32.1 96.5





#89

n-Butylbenzene

Concen: 18.312 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. 0.00 min

Lab File: VN064114.D

Acq: 14 Oct 2020 15:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

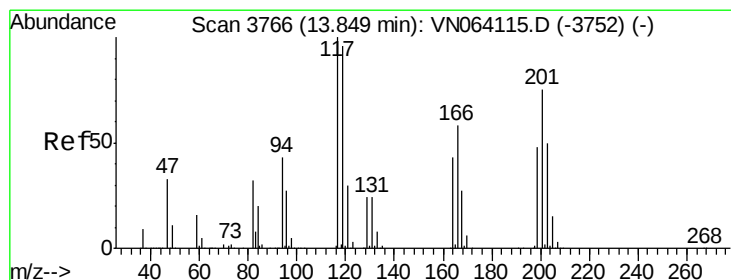
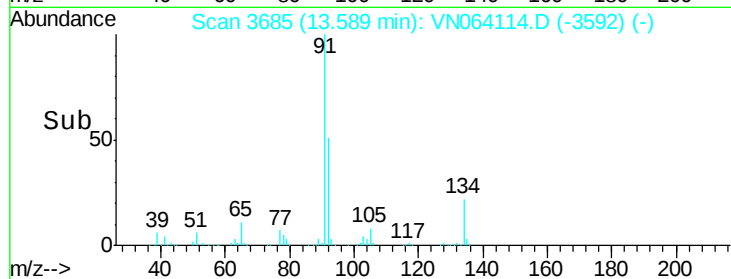
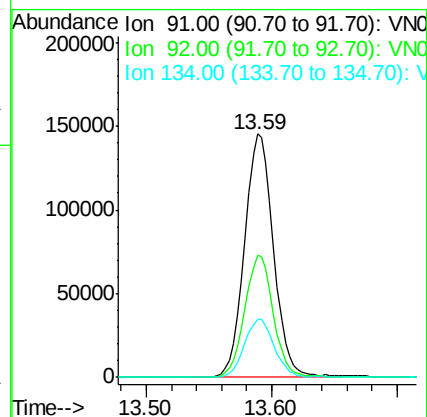
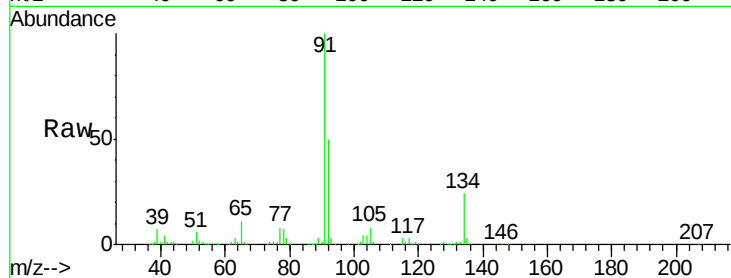
Tgt Ion: 91 Resp: 233385

Ion Ratio Lower Upper

91 100

92 49.7 25.6 76.6

134 24.5 12.6 37.8



#90

Hexachloroethane

Concen: 19.029 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. 0.00 min

Lab File: VN064114.D

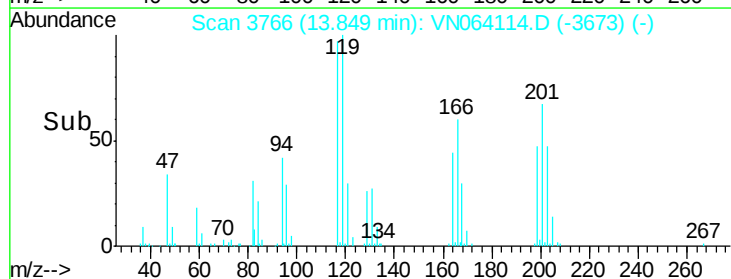
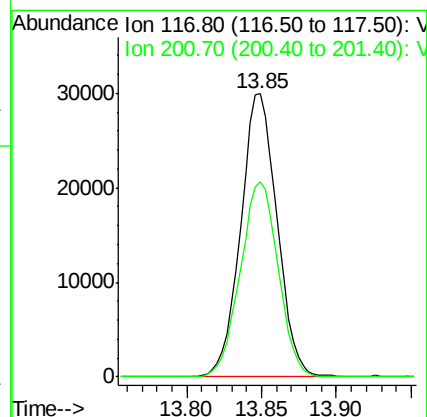
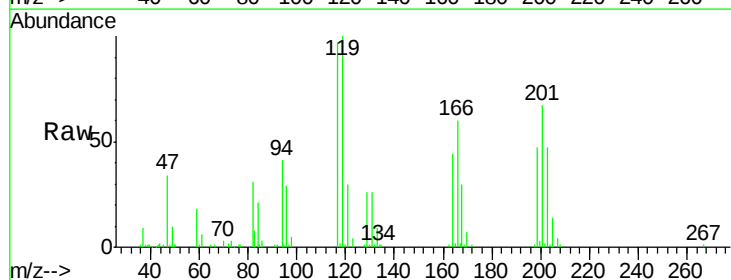
Acq: 14 Oct 2020 15:06

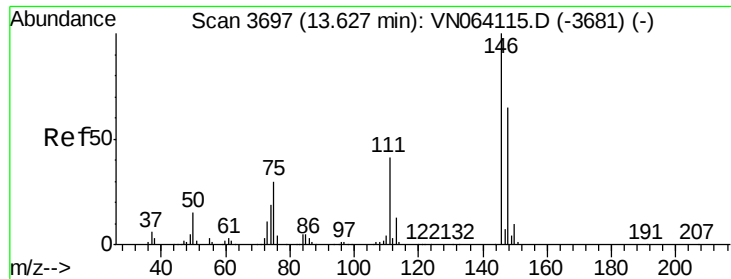
Tgt Ion: 117 Resp: 50700

Ion Ratio Lower Upper

117 100

201 71.4 37.4 112.2

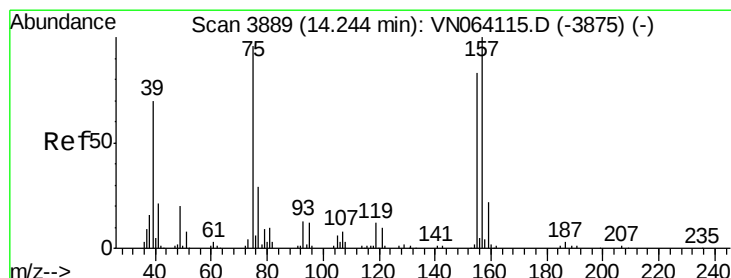
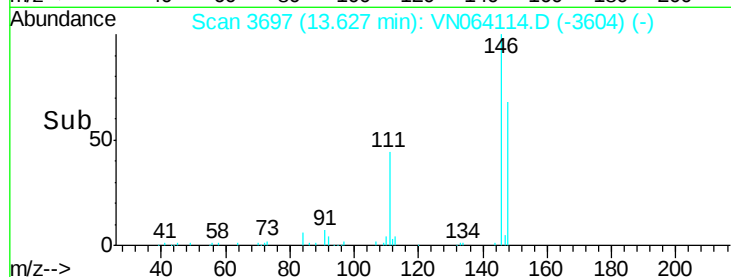
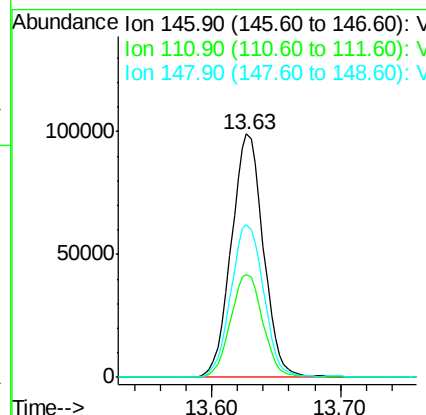
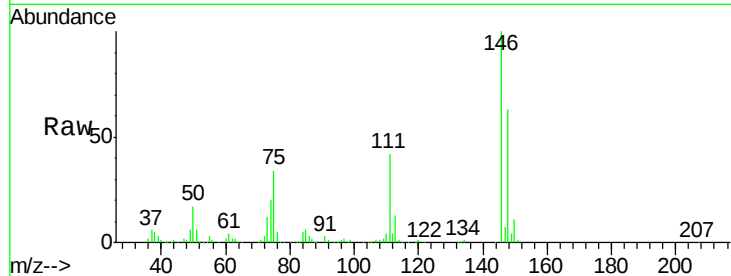




#91
 1,2-Dichlorobenzene
 Concen: 21.608 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064114.D
 Acq: 14 Oct 2020 15:06

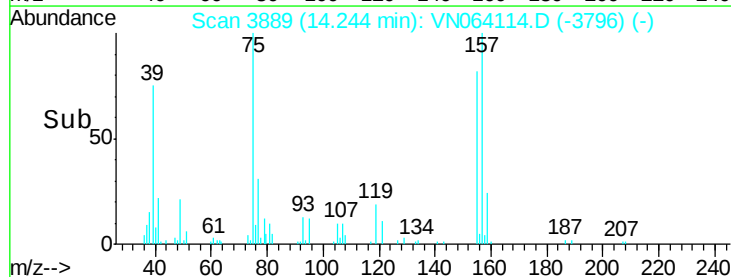
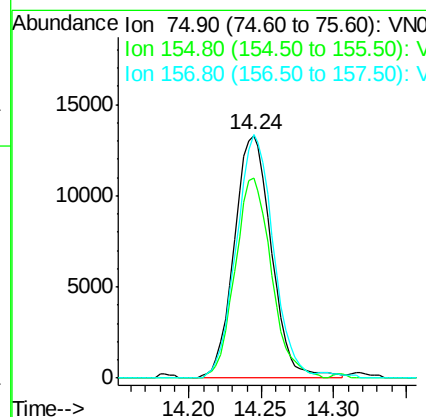
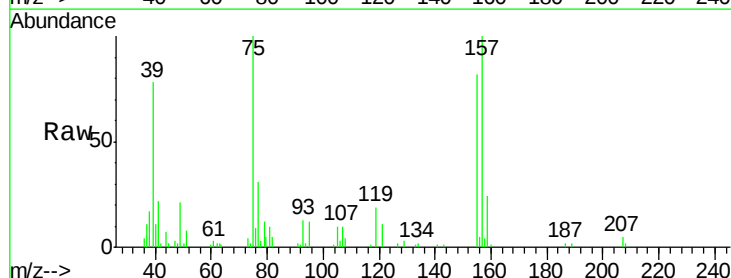
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

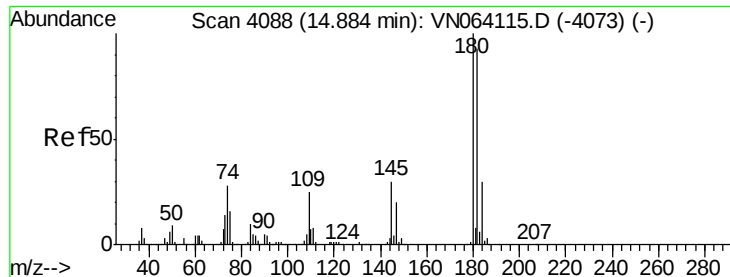
Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.9	20.3	60.8
148	64.8	32.2	96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.152 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN064114.D
 Acq: 14 Oct 2020 15:06

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.2	40.8	122.2
157	99.4	53.9	161.7

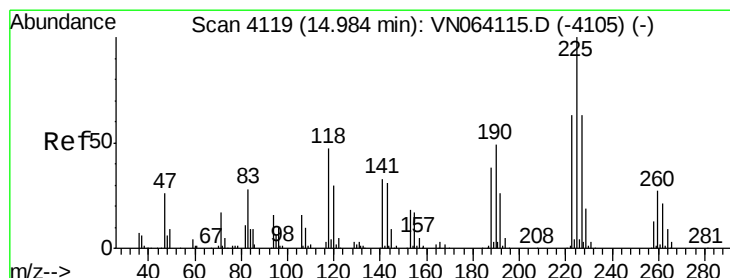
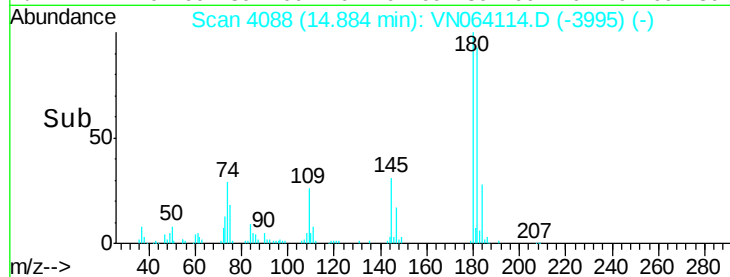
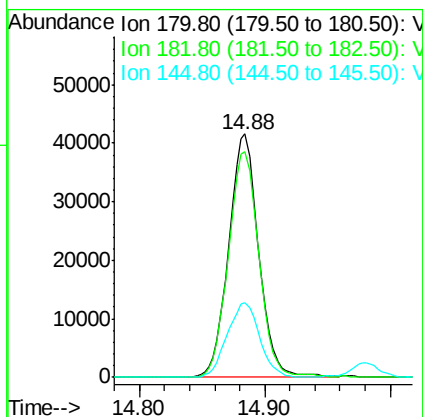
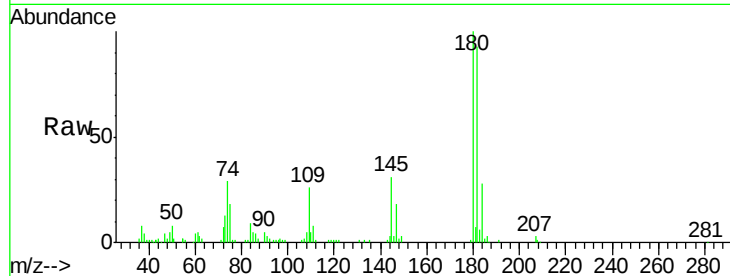




#93
 1,2,4-Trichlorobenzene
 Concen: 16.440 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN064114.D
 Acq: 14 Oct 2020 15:06

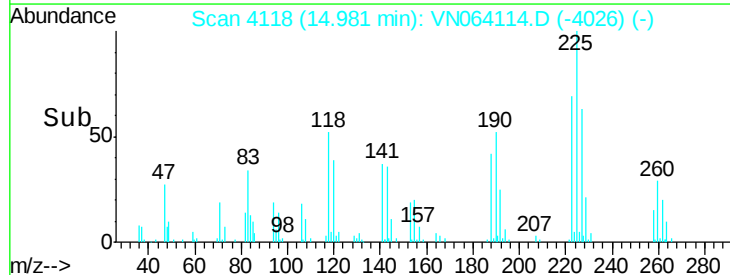
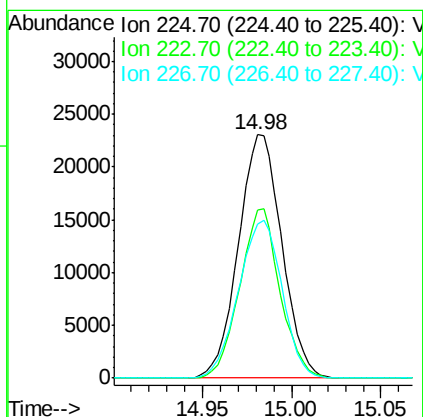
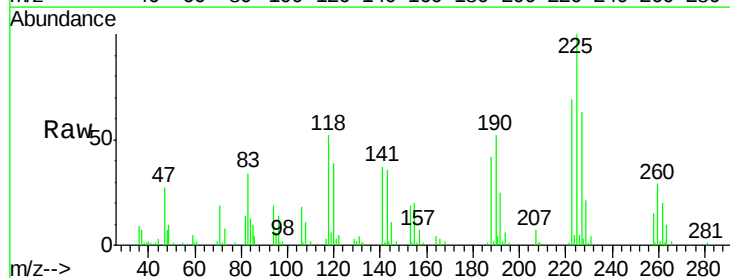
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC020

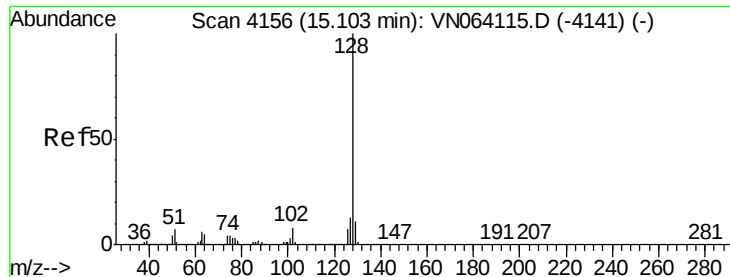
Tgt Ion:180 Resp: 68966
 Ion Ratio Lower Upper
 180 100
 182 94.5 45.8 137.4
 145 33.0 15.4 46.1



#94
 Hexachlorobutadiene
 Concen: 16.192 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064114.D
 Acq: 14 Oct 2020 15:06

Tgt Ion:225 Resp: 39301
 Ion Ratio Lower Upper
 225 100
 223 64.3 32.3 96.9
 227 65.0 31.6 94.8

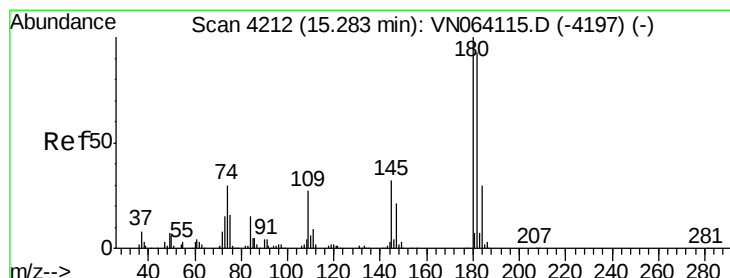
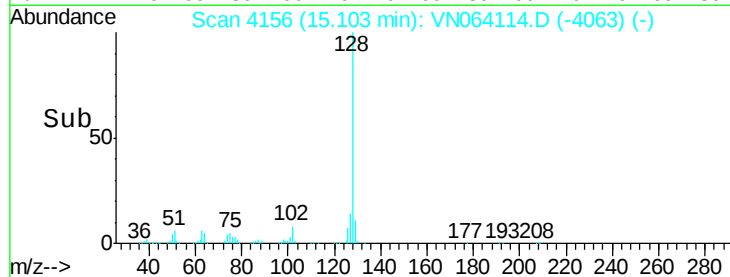
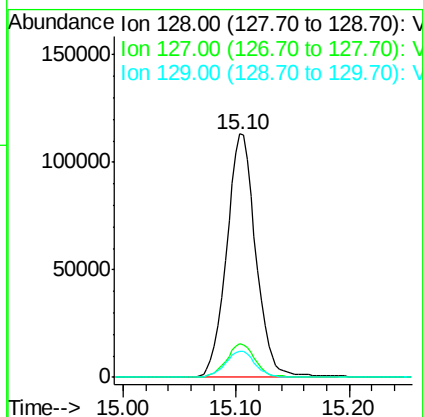
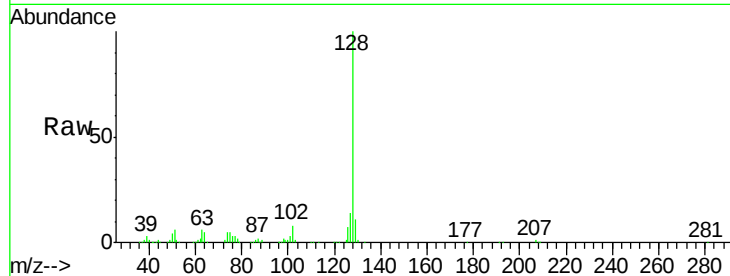




#95
Naphthalene
Concen: 15.883 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064114.D
Acq: 14 Oct 2020 15:06

Instrument :
MSVOA_N
ClientSampled :
VSTDIC020

Tgt Ion:128 Resp: 202913
Ion Ratio Lower Upper
128 100
127 13.5 10.2 15.4
129 10.8 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 16.780 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN064114.D
Acq: 14 Oct 2020 15:06

Tgt Ion:180 Resp: 70945
Ion Ratio Lower Upper
180 100
182 93.0 46.6 139.8
145 31.8 16.1 48.2

