

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091620\
 Data File : VN063359.D
 Acq On : 16 Sep 2020 11:32
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Quant Time: Sep 16 12:20:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 12:15:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	273557	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	482567	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	441383	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	201031	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	89445	20.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.26%	
35) Dibromofluoromethane	7.55	113	63694	20.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.72%	
50) Toluene-d8	10.06	98	237954	19.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.72%	
62) 4-Bromofluorobenzene	12.38	95	85125	19.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	62256	22.943	ug/l	96
3) Chloromethane	2.03	50	83012	20.848	ug/l	99
4) Vinyl Chloride	2.16	62	76577	20.666	ug/l	99
5) Bromomethane	2.53	94	42907	17.143	ug/l	96
6) Chloroethane	2.68	64	44153	18.520	ug/l	94
7) Trichlorofluoromethane	2.99	101	109871	19.257	ug/l	99
8) Diethyl Ether	3.37	74	41531	19.986	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	59964	19.902	ug/l	98
10) Methyl Iodide	3.91	142	77714	20.014	ug/l	97
11) Tert butyl alcohol	4.73	59	67648	116.499	ug/l #	85
12) 1,1-Dichloroethene	3.70	96	62021	20.518	ug/l	100
13) Acrolein	3.57	56	29810	111.923	ug/l	99
14) Allyl chloride	4.28	41	125036	20.191	ug/l	99
15) Acrylonitrile	4.93	53	173133	110.458	ug/l	99
16) Acetone	3.78	43	148462	99.850	ug/l	100
17) Carbon Disulfide	4.01	76	177659	19.013	ug/l	100
18) Methyl Acetate	4.28	43	78310	20.876	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	225792	20.876	ug/l	100
20) Methylene Chloride	4.50	84	73323	19.258	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	67032	19.853	ug/l	97
22) Diisopropyl ether	5.90	45	253582	20.948	ug/l	96
23) Vinyl Acetate	5.84	43	1068684	111.539	ug/l	100
24) 1,1-Dichloroethane	5.80	63	139390	21.082	ug/l	97
25) 2-Butanone	6.78	43	236209	107.092	ug/l	98
26) 2,2-Dichloropropane	6.77	77	118992	20.588	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	76689	19.493	ug/l	96
28) Bromochloromethane	7.15	49	60628	19.093	ug/l	96
29) Tetrahydrofuran	7.16	42	163262	113.630	ug/l	99
30) Chloroform	7.33	83	135272	20.508	ug/l	99
31) Cyclohexane	7.61	56	125205	20.614	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	121885	21.120	ug/l	98
36) 1,1-Dichloropropene	7.76	75	99689	19.919	ug/l	99
37) Ethyl Acetate	6.88	43	105981	21.448	ug/l	99
38) Carbon Tetrachloride	7.74	117	104483	21.086	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091620\
 Data File : VN063359.D
 Acq On : 16 Sep 2020 11:32
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Quant Time: Sep 16 12:20:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 12:15:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	108185	19.832	ug/l	98
40) Benzene	8.00	78	290359	20.347	ug/l	100
41) Methacrylonitrile	7.12	41	41481	18.447	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	117067	21.407	ug/l	99
43) Isopropyl Acetate	8.13	43	180765	21.569	ug/l	97
44) Trichloroethene	8.80	130	70233	19.105	ug/l	98
45) 1,2-Dichloropropane	9.08	63	80537	20.555	ug/l	99
46) Dibromomethane	9.17	93	51397	20.125	ug/l	97
47) Bromodichloromethane	9.37	83	109283	20.606	ug/l	100
48) Methyl methacrylate	9.16	41	84484	20.979	ug/l	95
49) 1,4-Dioxane	9.16	88	27071	436.320	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	529345	114.746	ug/l	99
52) Toluene	10.12	92	178417	20.426	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	120474	20.801	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	127039	20.394	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	69601	20.346	ug/l	96
56) Ethyl methacrylate	10.40	69	109050	20.983	ug/l	99
57) 1,3-Dichloropropane	10.68	76	125873	21.047	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	271990	97.317	ug/l	99
59) 2-Hexanone	10.72	43	389490	114.557	ug/l	100
60) Dibromochloromethane	10.87	129	80549	21.416	ug/l	97
61) 1,2-Dibromoethane	10.98	107	71628	20.064	ug/l	98
64) Tetrachloroethene	10.60	164	58199	16.548	ug/l	96
65) Chlorobenzene	11.41	112	184201	19.339	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	69304	19.935	ug/l	99
67) Ethyl Benzene	11.48	91	346677	20.212	ug/l	99
68) m/p-Xylenes	11.60	106	251299	39.566	ug/l	100
69) o-Xylene	11.92	106	122014	20.070	ug/l	98
70) Styrene	11.94	104	202048	19.927	ug/l	99
71) Bromoform	12.10	173	50682	20.804	ug/l #	100
73) Isopropylbenzene	12.22	105	327789	20.217	ug/l	100
74) N-amyl acetate	12.05	43	157246	23.378	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	106826	22.746	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	144205	31.880	ug/l #	100
77) Bromobenzene	12.50	156	73127	19.641	ug/l	98
78) n-propylbenzene	12.57	91	379989	20.663	ug/l	100
79) 2-Chlorotoluene	12.65	91	230076	20.351	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	275634	20.465	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	37371	22.422	ug/l	94
82) 4-Chlorotoluene	12.75	91	238612	20.078	ug/l	100
83) tert-Butylbenzene	12.97	119	224132	19.677	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	274995	20.244	ug/l	99
85) sec-Butylbenzene	13.14	105	302110	20.801	ug/l	98
86) p-Isopropyltoluene	13.26	119	262937	19.790	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	134771	19.788	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	135042	19.048	ug/l	99
89) n-Butylbenzene	13.59	91	241143	20.075	ug/l	99
90) Hexachloroethane	13.85	117	49212	22.226	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	137469	20.390	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.24	75	24519	22.802	ug/l	98

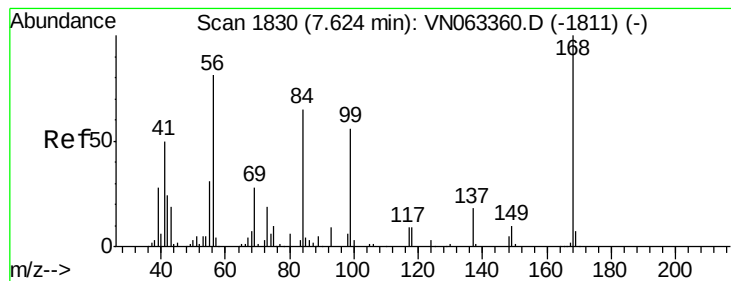
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091620\
Data File : VN063359.D
Acq On : 16 Sep 2020 11:32
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Quant Time: Sep 16 12:20:48 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 16 12:15:31 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	76617	19.283	ug/l	99
94) Hexachlorobutadiene	14.98	225	31933	18.778	ug/l	97
95) Naphthalene	15.10	128	260550	20.116	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	74306	19.114	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN063359.D

Acq: 16 Sep 2020 11:32

Instrument :

MSVOA_N

ClientSampleId :

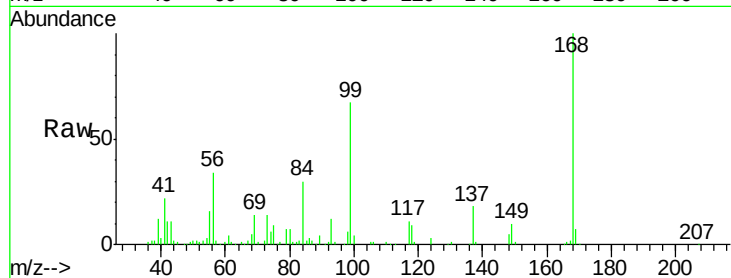
VSTDIC020

Tgt Ion:168 Resp: 273557

Ion Ratio Lower Upper

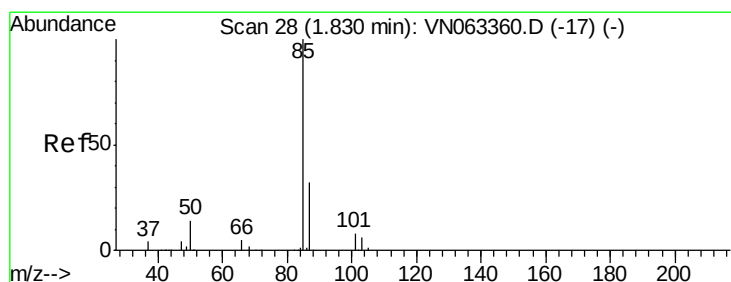
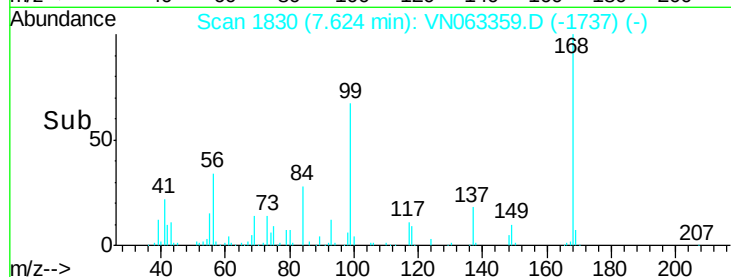
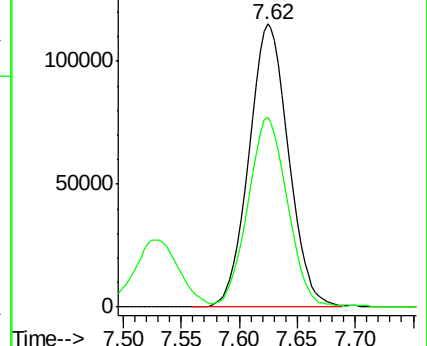
168 100

99 66.8 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 22.943 ug/l

RT: 1.83 min Scan# 28

Delta R.T. -0.00 min

Lab File: VN063359.D

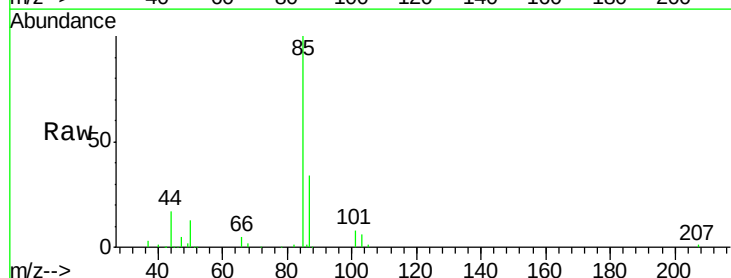
Acq: 16 Sep 2020 11:32

Tgt Ion: 85 Resp: 62256

Ion Ratio Lower Upper

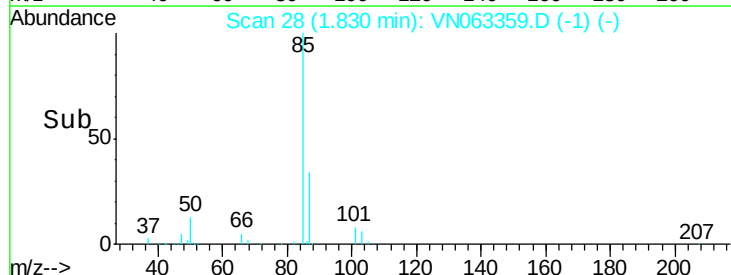
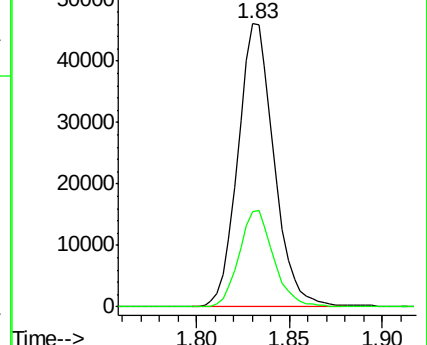
85 100

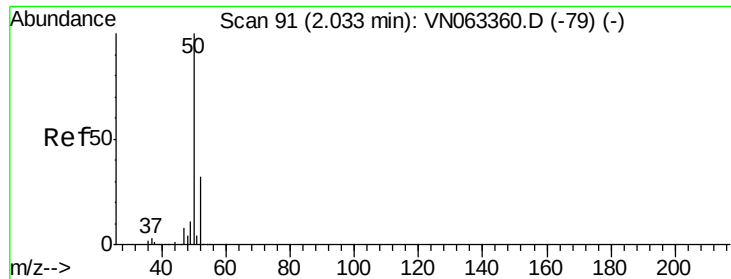
87 33.9 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 20.848 ug/l

RT: 2.03 min Scan# 91

Delta R.T. -0.00 min

Lab File: VN063359.D

Acq: 16 Sep 2020 11:32

Instrument :

MSVOA_N

ClientSampleId :

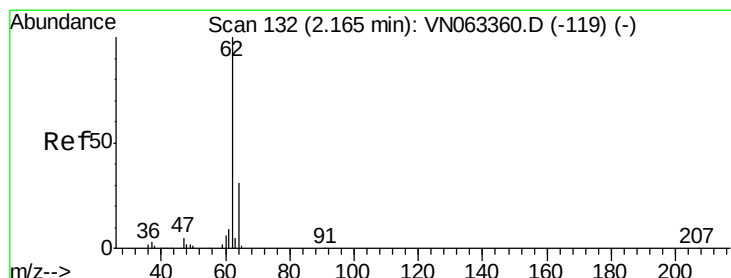
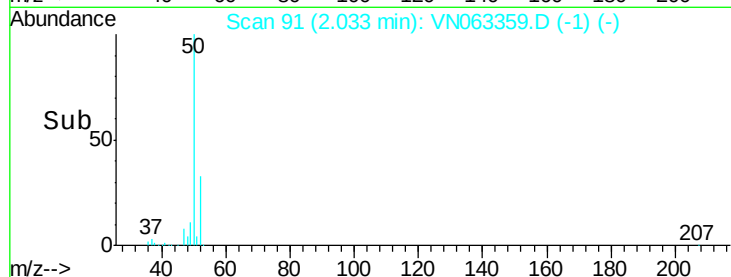
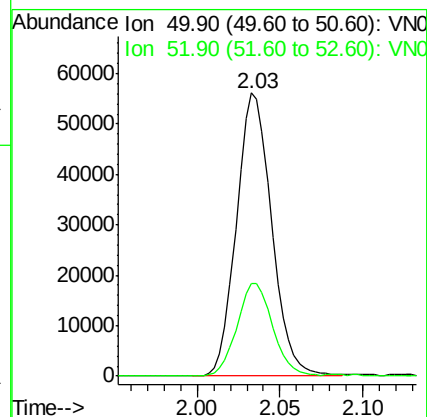
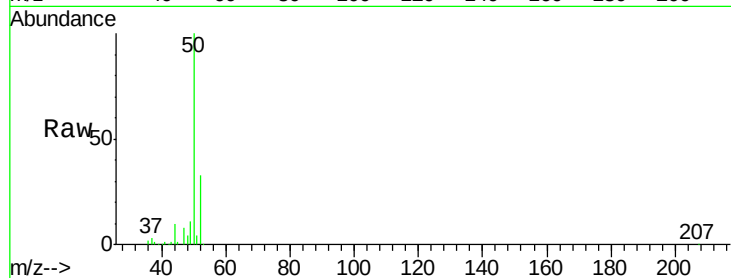
VSTDIC020

Tgt Ion: 50 Resp: 83012

Ion Ratio Lower Upper

50 100

52 32.8 25.9 38.9



#4

Vinyl Chloride

Concen: 20.666 ug/l

RT: 2.16 min Scan# 132

Delta R.T. -0.00 min

Lab File: VN063359.D

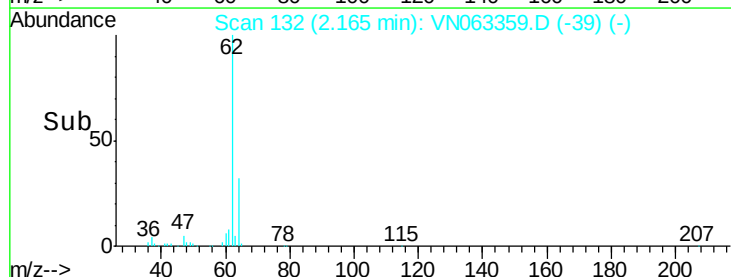
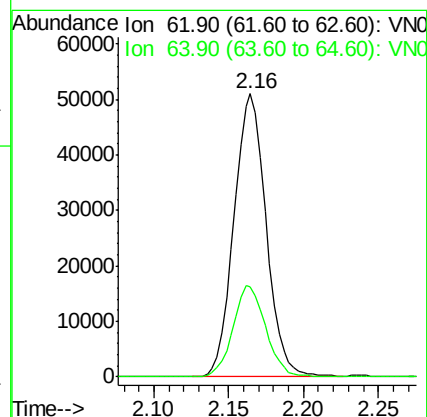
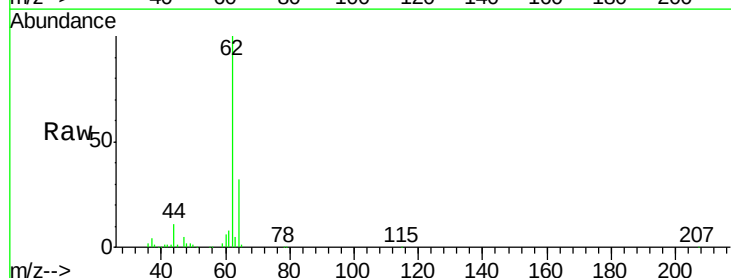
Acq: 16 Sep 2020 11:32

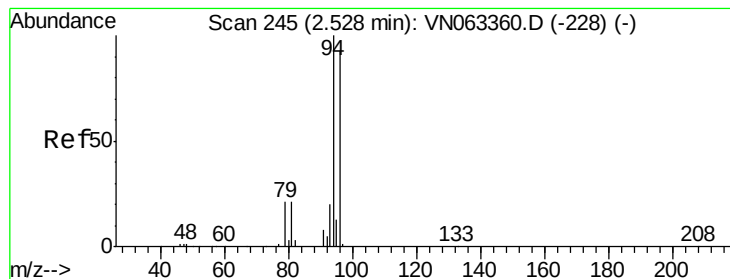
Tgt Ion: 62 Resp: 76577

Ion Ratio Lower Upper

62 100

64 31.9 25.1 37.7





#5

Bromomethane

Concen: 17.143 ug/l

RT: 2.53 min Scan# 247

Delta R.T. 0.01 min

Lab File: VN063359.D

Acq: 16 Sep 2020 11:32

Instrument :

MSVOA_N

ClientSampleId :

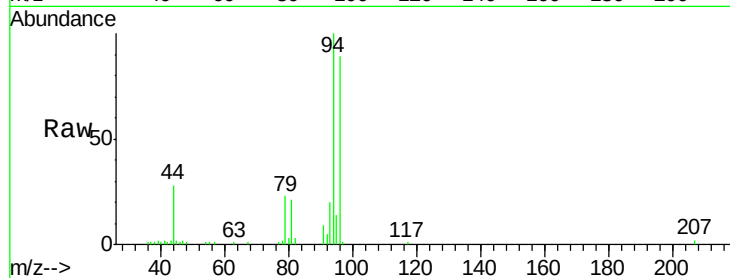
VSTDIC020

Tgt Ion: 94 Resp: 42907

Ion Ratio Lower Upper

94 100

96 89.1 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VN063360.D (-228) (-)

Ion 95.90 (95.60 to 96.60): VN063360.D (-228) (-)

2.53

25000

20000

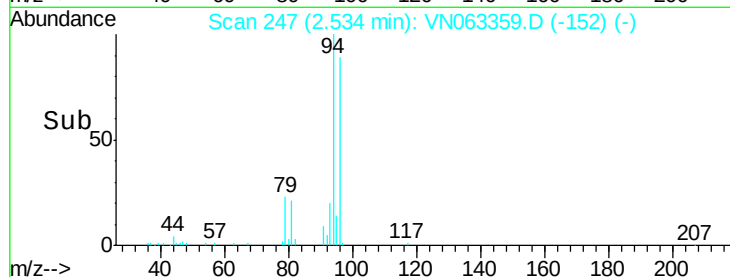
15000

10000

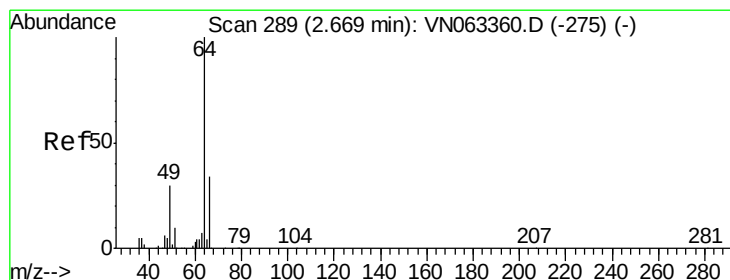
5000

0

Time-->



Time-->



#6

Chloroethane

Concen: 18.520 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.01 min

Lab File: VN063359.D

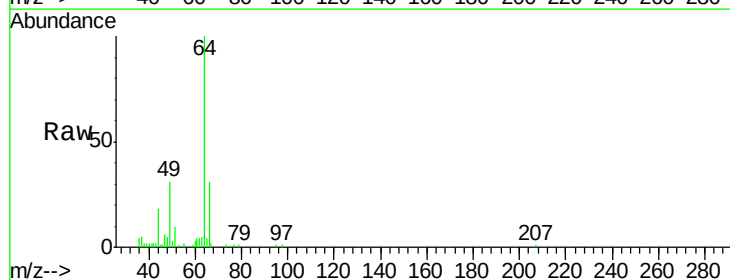
Acq: 16 Sep 2020 11:32

Tgt Ion: 64 Resp: 44153

Ion Ratio Lower Upper

64 100

66 29.9 26.9 40.3



Abundance Ion 63.90 (63.60 to 64.60): VN063360.D (-275) (-)

Ion 65.90 (65.60 to 66.60): VN063360.D (-275) (-)

2.68

25000

20000

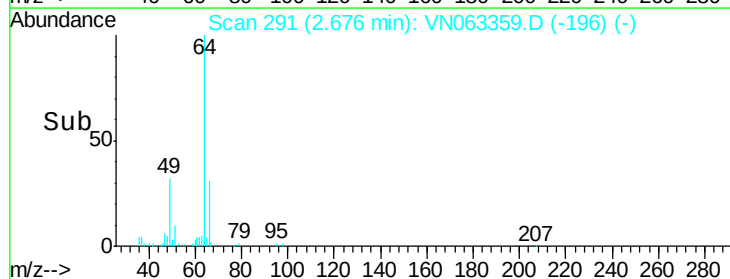
15000

10000

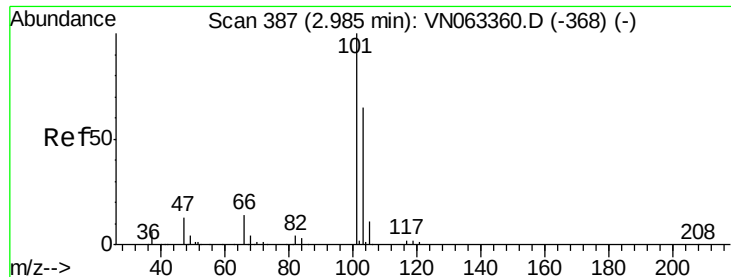
5000

0

Time-->



Time-->

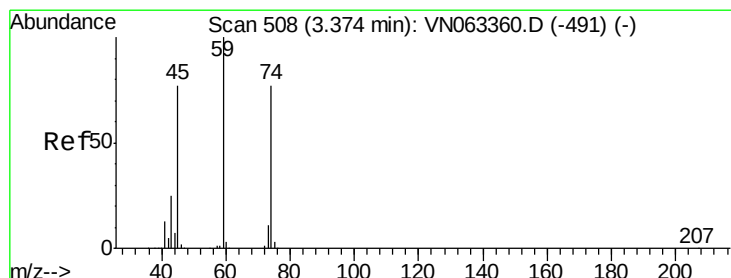
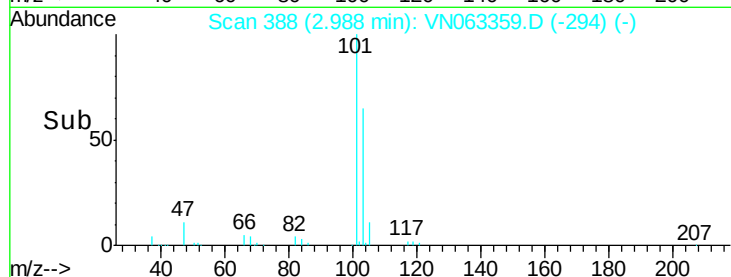
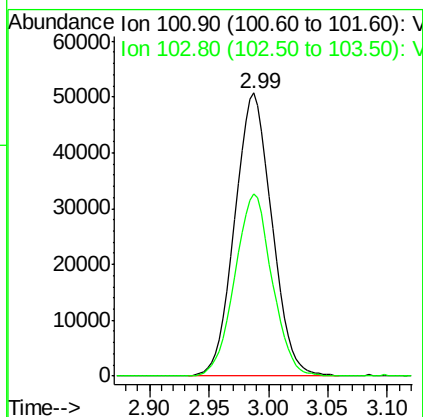
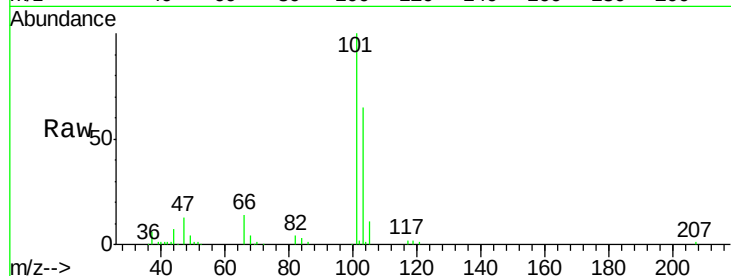


#7

Trichlorofluoromethane
 Concen: 19.257 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VN063359.D
 Acq: 16 Sep 2020 11:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

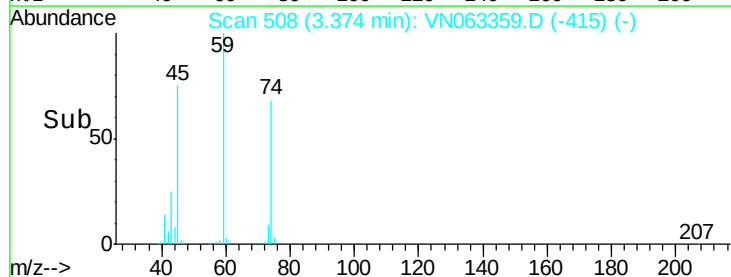
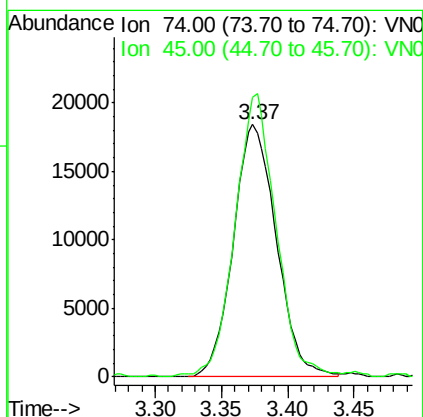
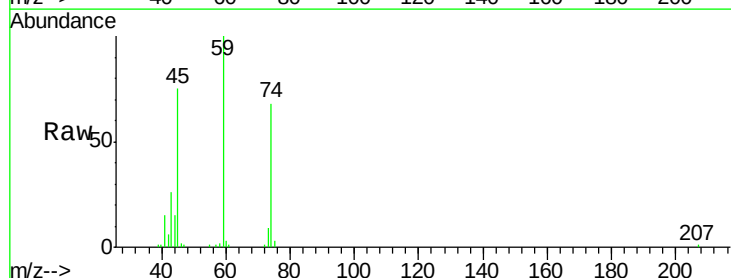
Tgt Ion:101 Resp: 109871
 Ion Ratio Lower Upper
 101 100
 103 64.6 52.3 78.5

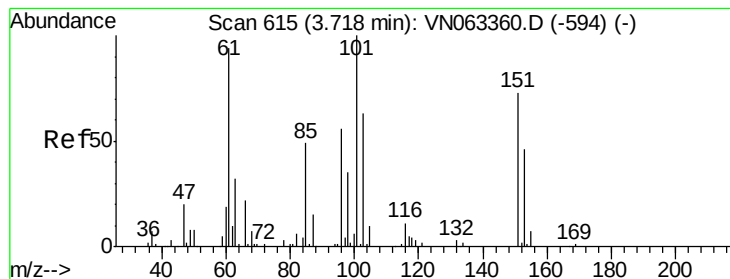


#8

Diethyl Ether
 Concen: 19.986 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN063359.D
 Acq: 16 Sep 2020 11:32

Tgt Ion: 74 Resp: 41531
 Ion Ratio Lower Upper
 74 100
 45 106.9 52.1 156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.902 ug/l

RT: 3.72 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN063359.D

Acq: 16 Sep 2020 11:32

Instrument :

MSVOA_N

ClientSampled :

VSTDIC020

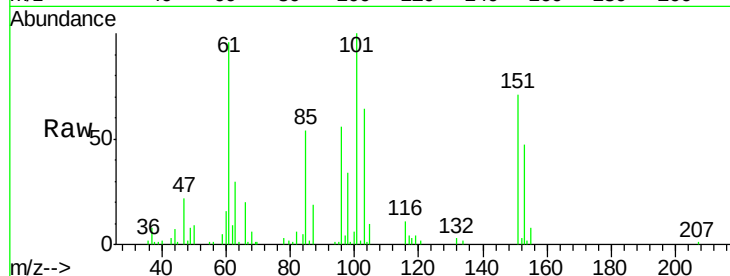
Tgt Ion:101 Resp: 59964

Ion Ratio Lower Upper

101 100

85 50.2 37.7 56.5

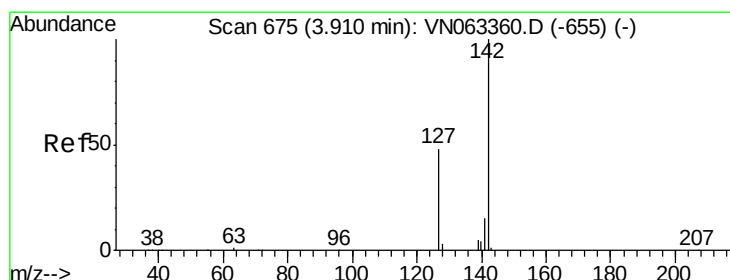
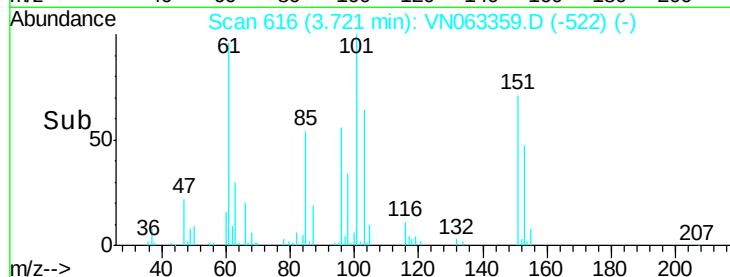
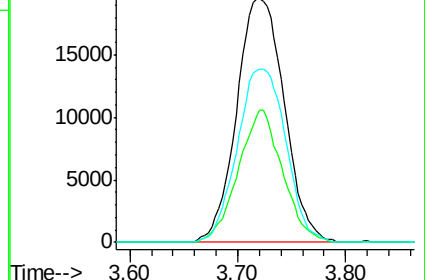
151 72.7 57.7 86.5



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: 20.014 ug/l

RT: 3.91 min Scan# 675

Delta R.T. -0.00 min

Lab File: VN063359.D

Acq: 16 Sep 2020 11:32

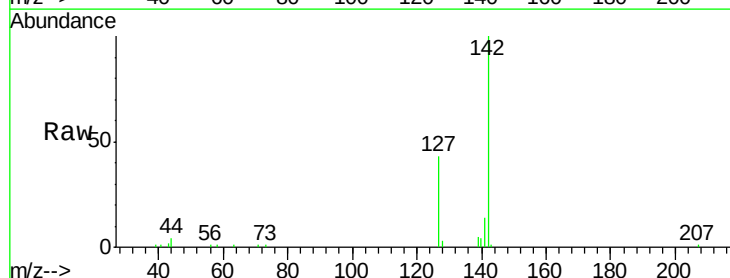
Tgt Ion:142 Resp: 77714

Ion Ratio Lower Upper

142 100

127 46.3 39.0 58.6

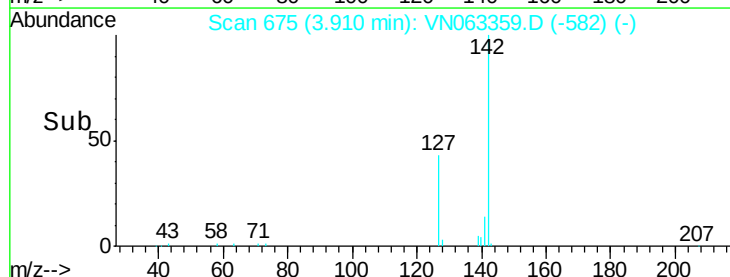
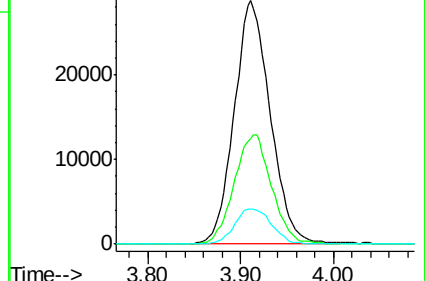
141 14.6 11.6 17.4

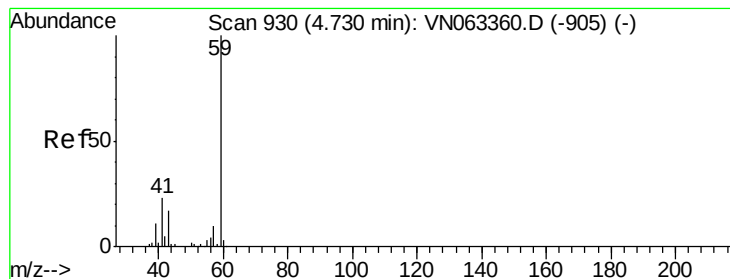


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



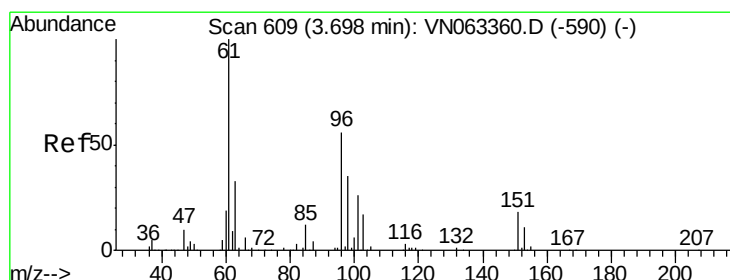
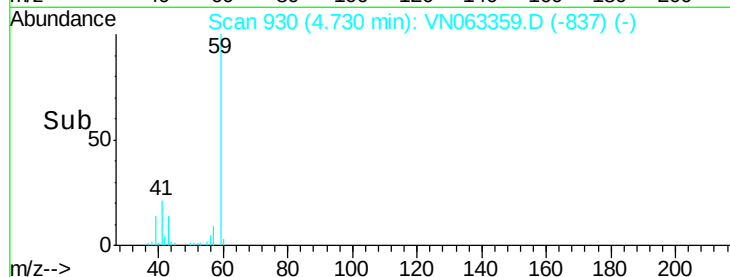
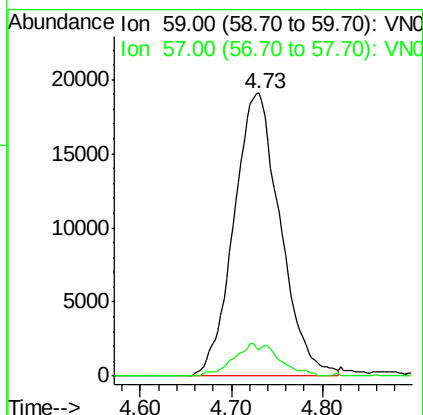
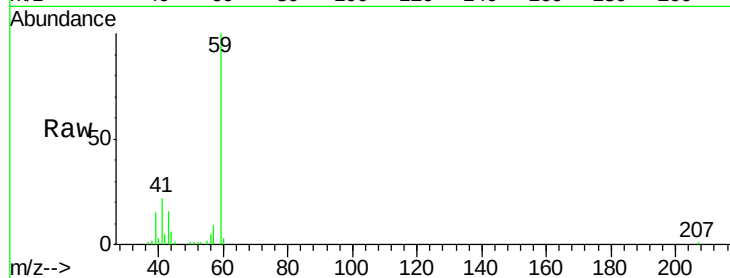


#11

Tert butyl alcohol
 Concen: 116.499 ug/l
 RT: 4.73 min Scan# 930
 Delta R.T. -0.00 min
 Lab File: VN063359.D
 Acq: 16 Sep 2020 11:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

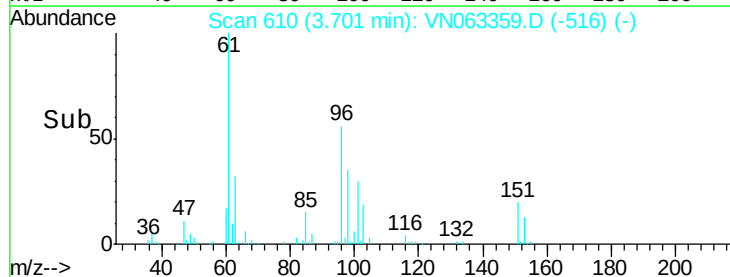
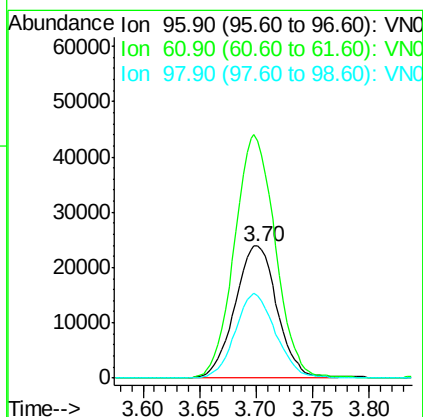
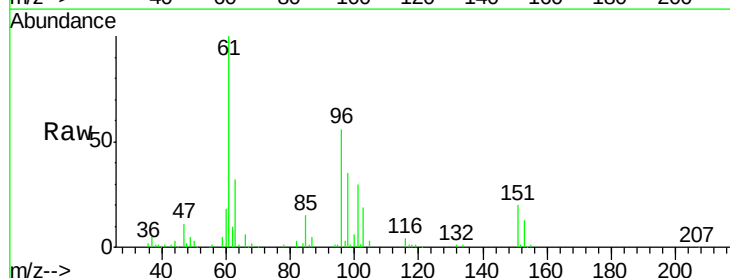
Tgt Ion: 59 Resp: 67648
 Ion Ratio Lower Upper
 59 100
 57 4.8 8.4 12.6#

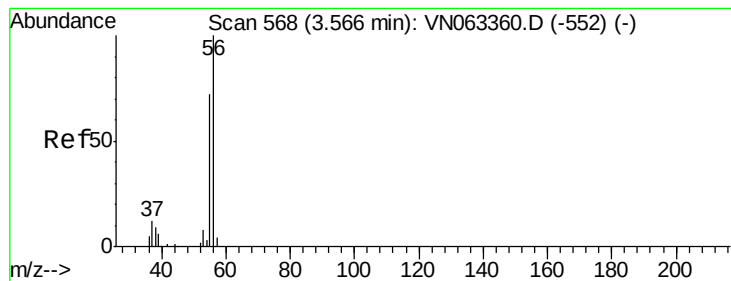


#12

1,1-Dichloroethene
 Concen: 20.518 ug/l
 RT: 3.70 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: VN063359.D
 Acq: 16 Sep 2020 11:32

Tgt Ion: 96 Resp: 62021
 Ion Ratio Lower Upper
 96 100
 61 179.7 143.4 215.2
 98 62.5 50.6 76.0





#13

Acrolein

Concen: 111.923 ug/l

RT: 3.57 min Scan# 568

Delta R.T. -0.00 min

Lab File: VN063359.D

Acq: 16 Sep 2020 11:32

Instrument :

MSVOA_N

ClientSampleId :

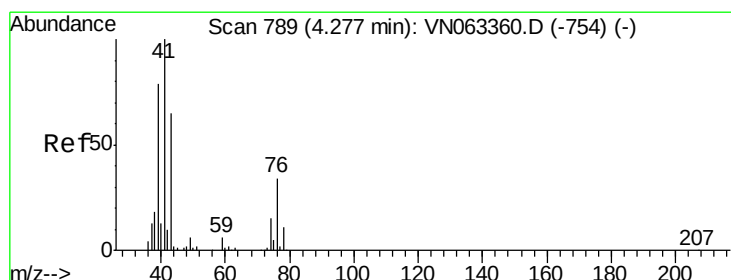
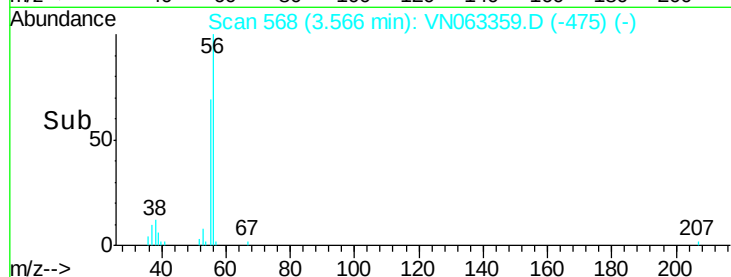
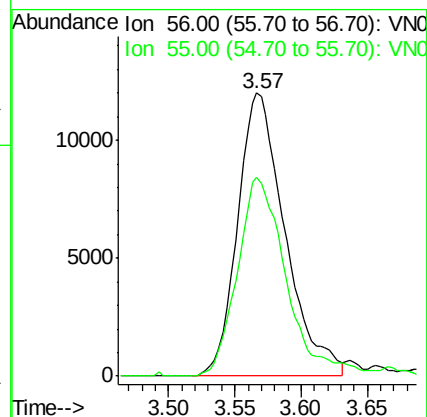
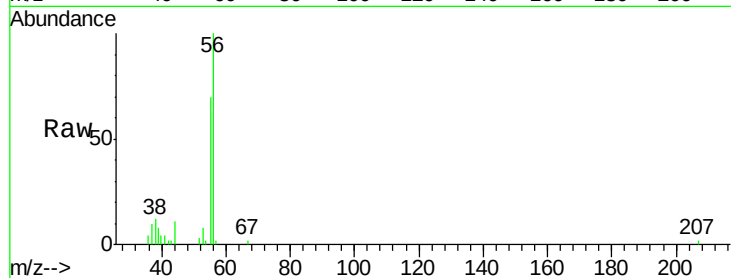
VSTDIC020

Tgt Ion: 56 Resp: 29810

Ion Ratio Lower Upper

56 100

55 72.1 58.2 87.2



#14

Allyl chloride

Concen: 20.191 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063359.D

Acq: 16 Sep 2020 11:32

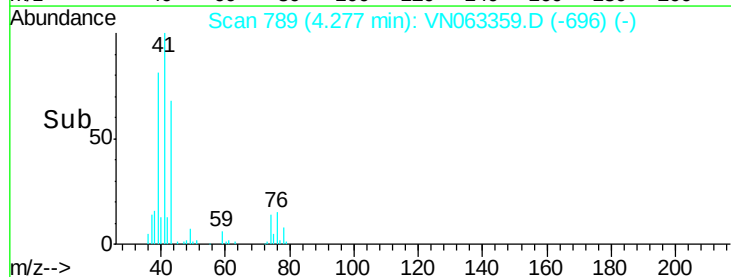
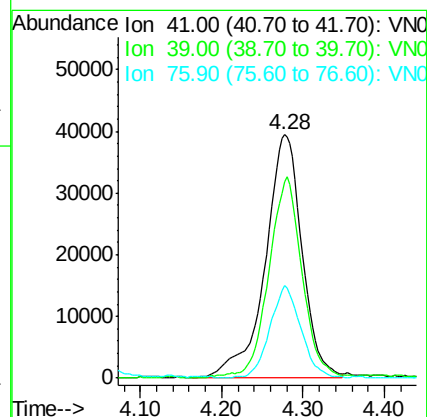
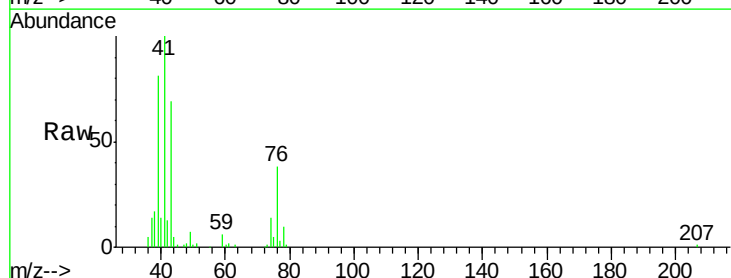
Tgt Ion: 41 Resp: 125036

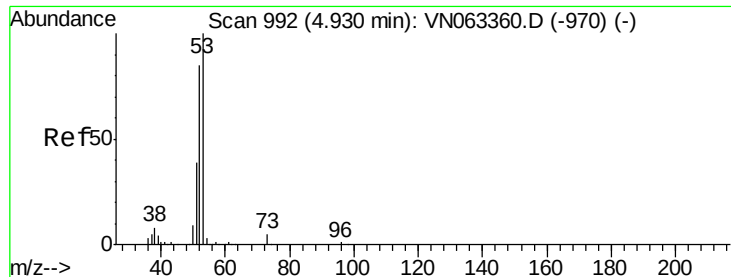
Ion Ratio Lower Upper

41 100

39 75.1 59.3 88.9

76 32.0 25.3 37.9





#15

Acrylonitrile

Concen: 110.458 ug/l

RT: 4.93 min Scan# 991

Delta R.T. -0.00 min

Lab File: VN063359.D

Acq: 16 Sep 2020 11:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

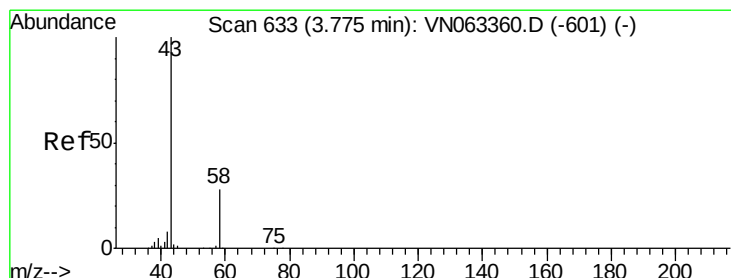
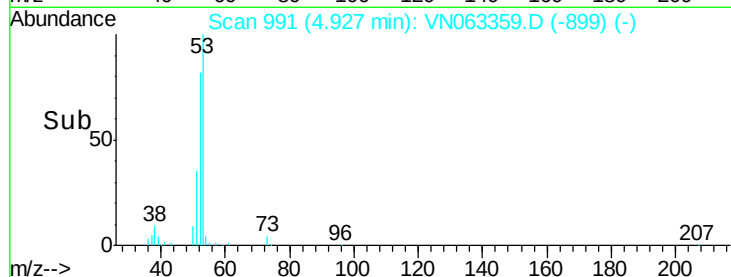
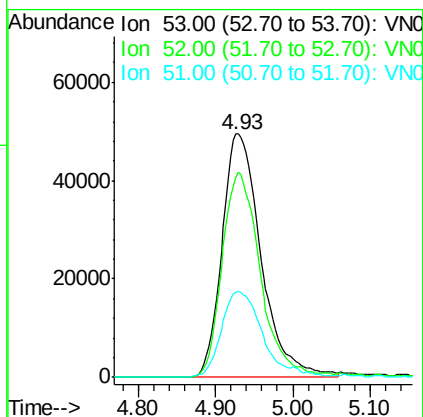
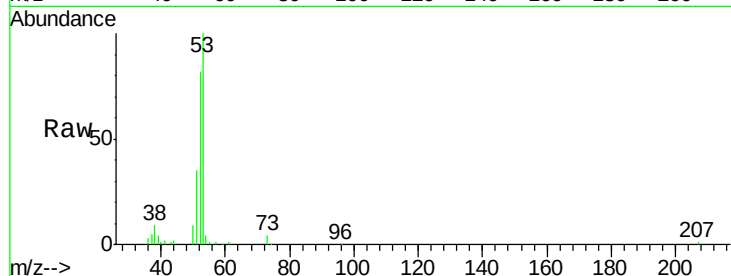
Tgt Ion: 53 Resp: 173133

Ion Ratio Lower Upper

53 100

52 82.1 66.4 99.6

51 37.6 30.2 45.4



#16

Acetone

Concen: 99.850 ug/l

RT: 3.78 min Scan# 633

Delta R.T. -0.00 min

Lab File: VN063359.D

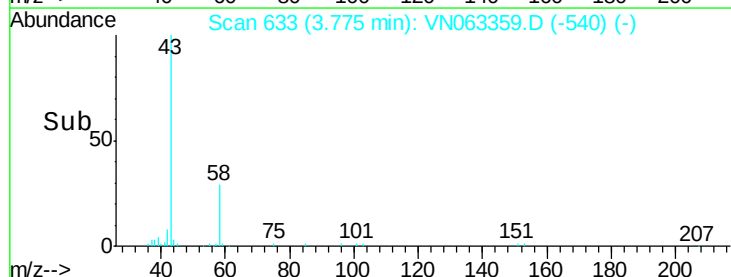
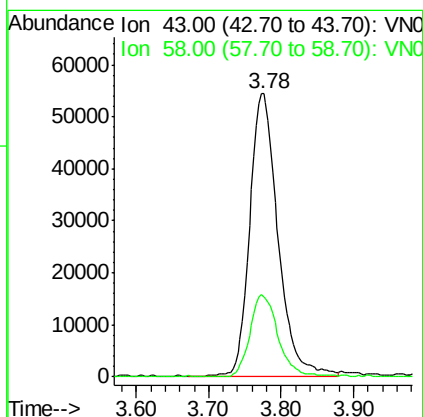
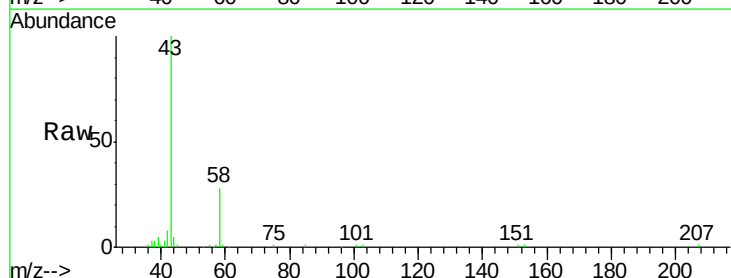
Acq: 16 Sep 2020 11:32

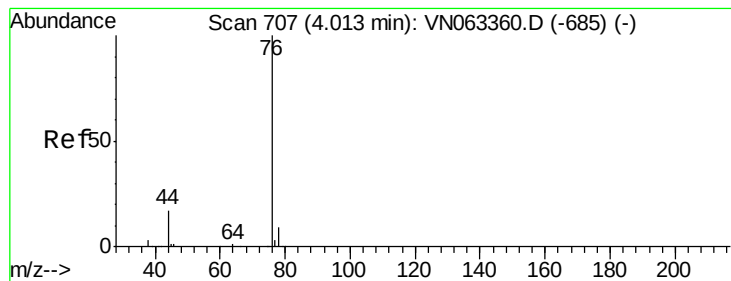
Tgt Ion: 43 Resp: 148462

Ion Ratio Lower Upper

43 100

58 28.0 22.3 33.5





#17

Carbon Disulfide

Concen: 19.013 ug/l

RT: 4.01 min Scan# 707

Delta R.T. -0.00 min

Lab File: VN063359.D

Acq: 16 Sep 2020 11:32

Instrument :

MSVOA_N

ClientSampleId :

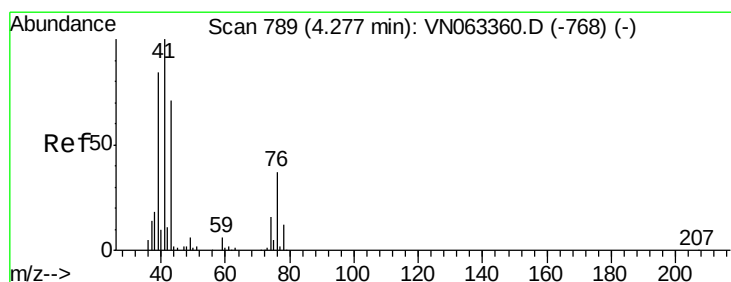
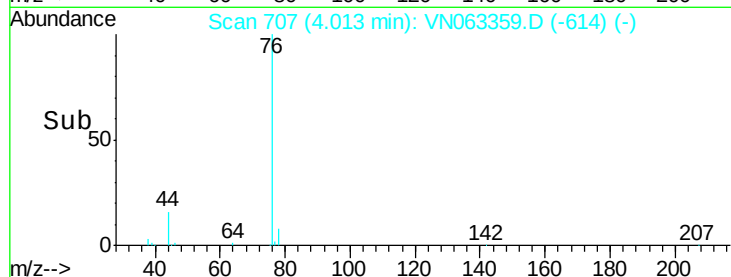
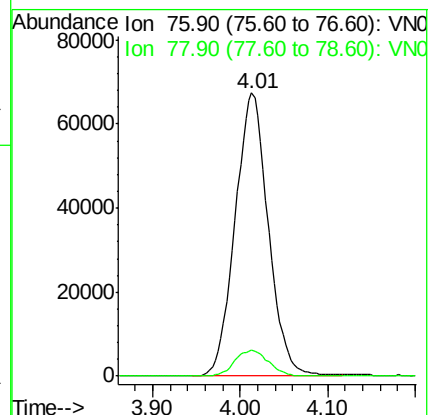
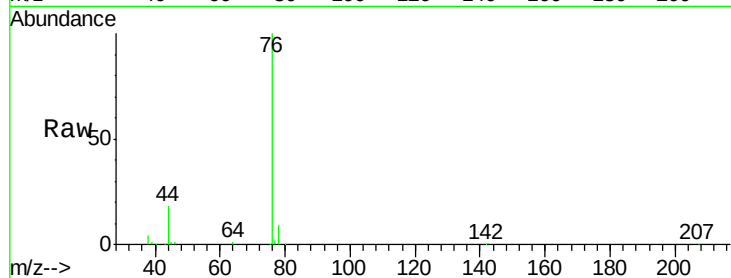
VSTDIC020

Tgt Ion: 76 Resp: 177659

Ion Ratio Lower Upper

76 100

78 9.2 7.2 10.8



#18

Methyl Acetate

Concen: 20.876 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063359.D

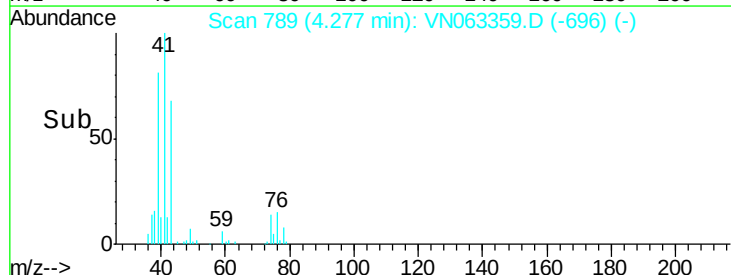
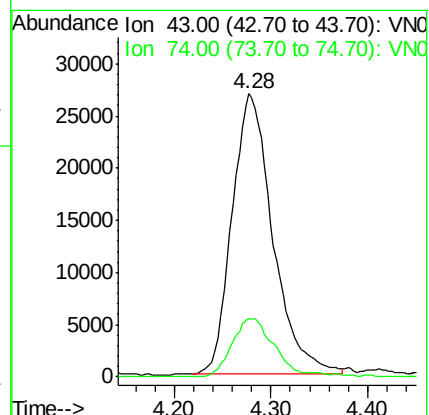
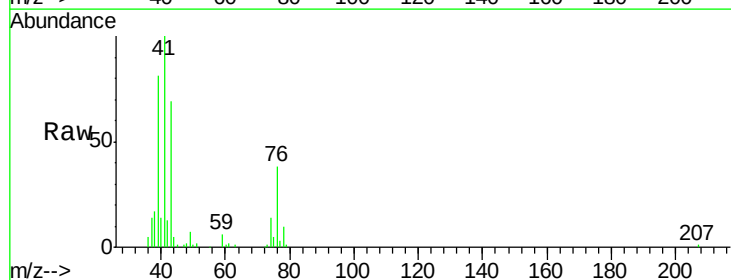
Acq: 16 Sep 2020 11:32

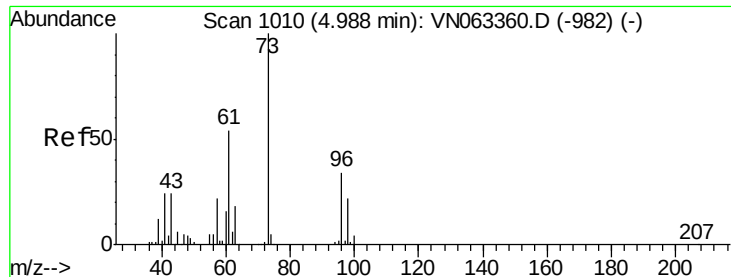
Tgt Ion: 43 Resp: 78310

Ion Ratio Lower Upper

43 100

74 21.3 17.4 26.2

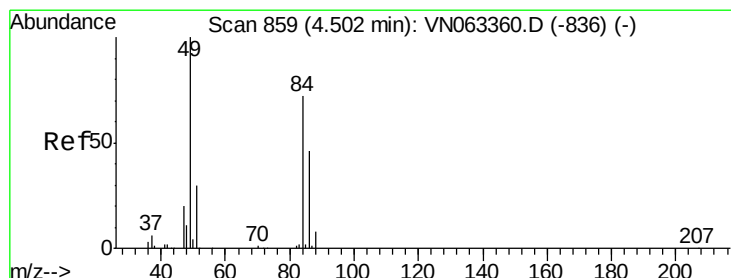
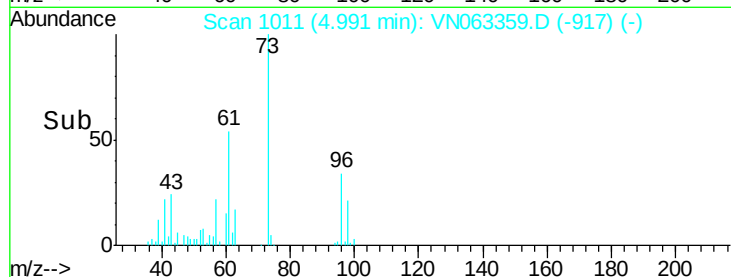
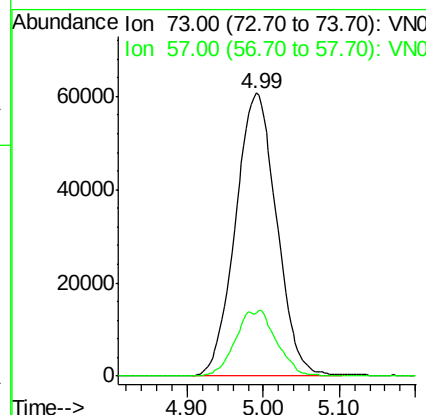
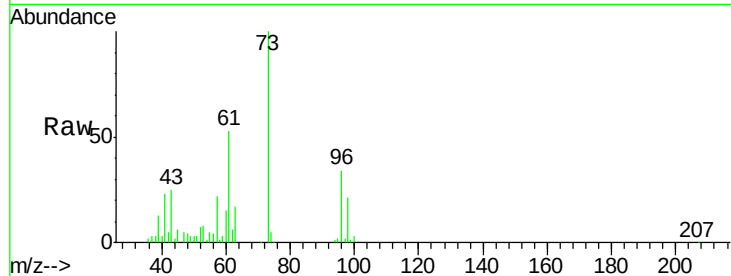




#19
Methyl tert-butyl Ether
Concen: 20.876 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063359.D
Acq: 16 Sep 2020 11:32

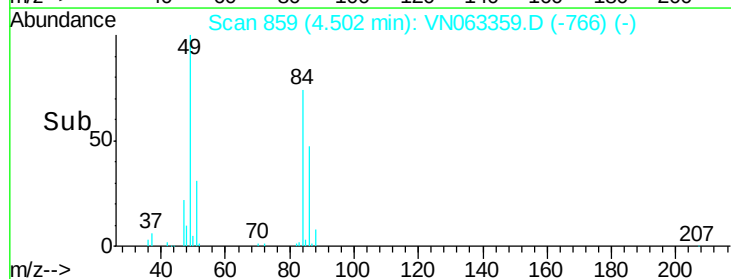
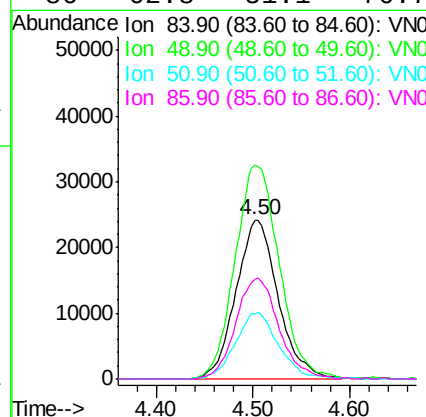
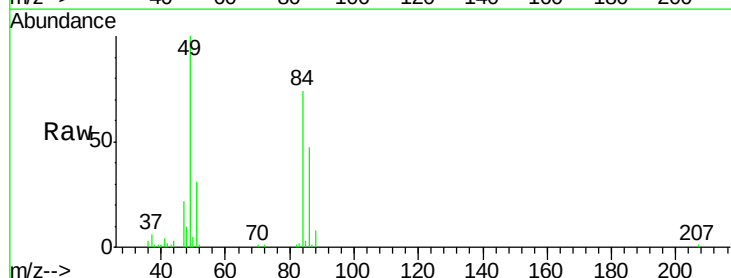
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

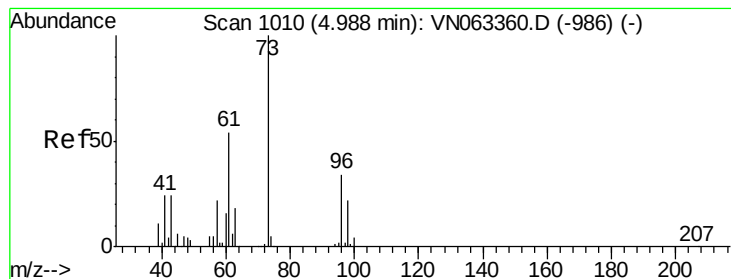
Tgt Ion: 73 Resp: 225792
Ion Ratio Lower Upper
73 100
57 22.5 17.9 26.9



#20
Methylene Chloride
Concen: 19.258 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN063359.D
Acq: 16 Sep 2020 11:32

Tgt Ion: 84 Resp: 73323
Ion Ratio Lower Upper
84 100
49 133.5 110.7 166.1
51 41.5 32.9 49.3
86 62.8 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 19.853 ug/l

RT: 4.99 min Scan# 1012

Delta R.T. 0.01 min

Lab File: VN063359.D

Acq: 16 Sep 2020 11:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

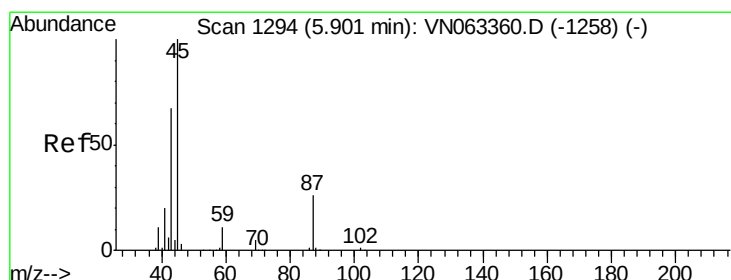
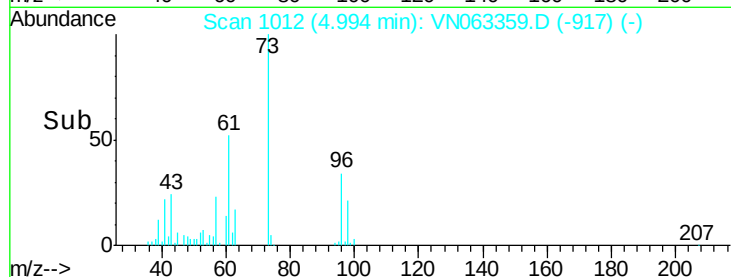
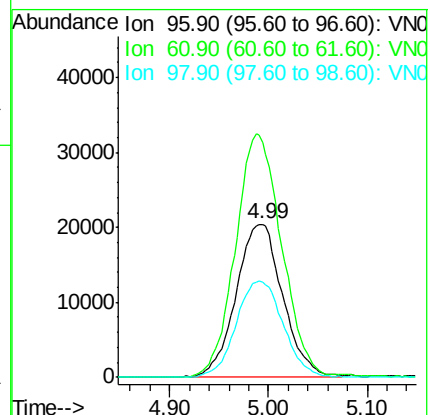
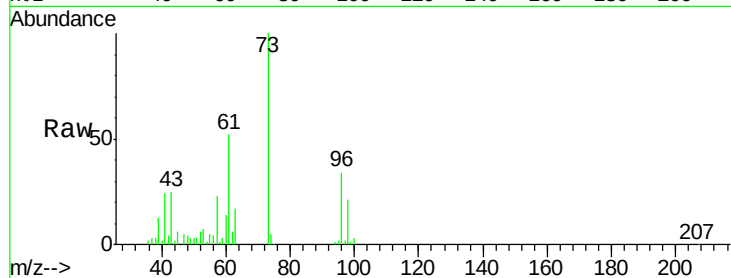
Tgt Ion: 96 Resp: 67032

Ion Ratio Lower Upper

96 100

61 152.8 126.2 189.4

98 62.1 51.0 76.4



#22

Diisopropyl ether

Concen: 20.948 ug/l

RT: 5.90 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VN063359.D

Acq: 16 Sep 2020 11:32

Tgt Ion: 45 Resp: 253582

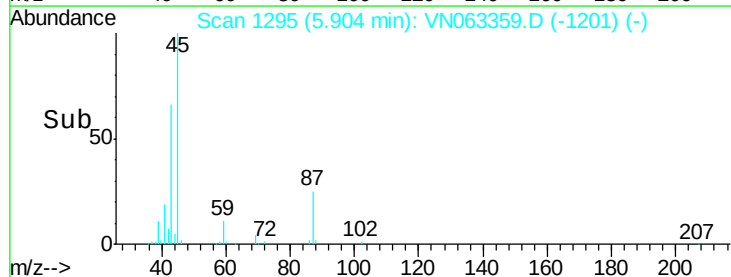
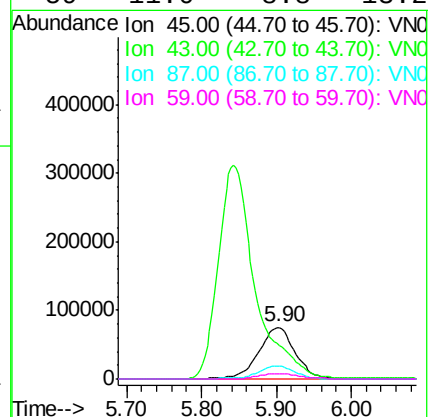
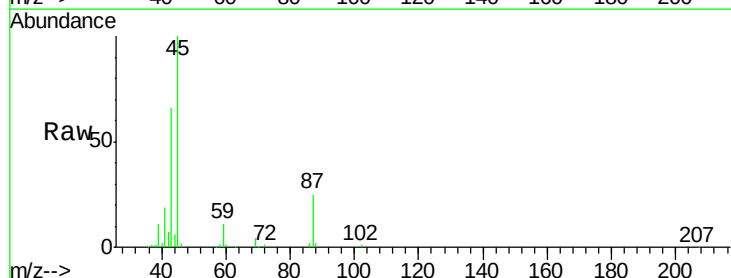
Ion Ratio Lower Upper

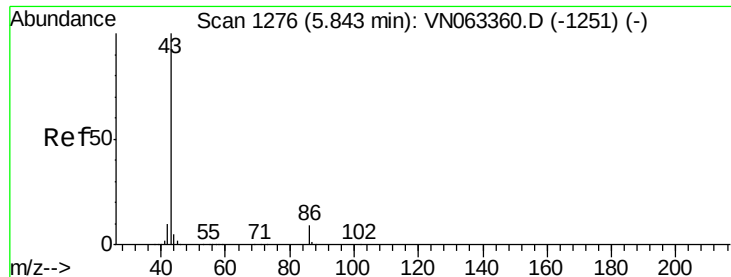
45 100

43 62.5 53.5 80.3

87 24.6 21.2 31.8

59 11.0 8.8 13.2





#23

Vinyl Acetate

Concen: 111.539 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. -0.00 min

Lab File: VN063359.D

Acq: 16 Sep 2020 11:32

Instrument :

MSVOA_N

ClientSampleId :

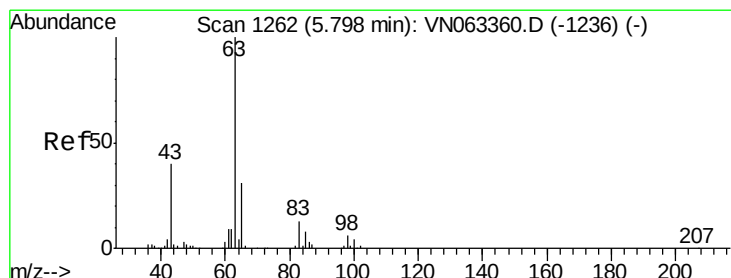
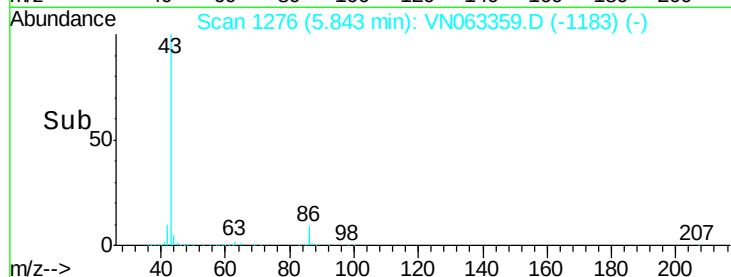
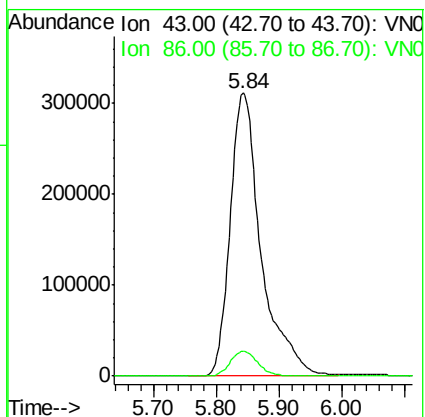
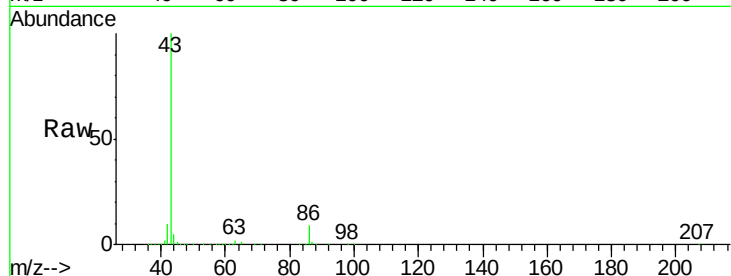
VSTDIC020

Tgt Ion: 43 Resp: 1068684

Ion Ratio Lower Upper

43 100

86 8.8 7.1 10.7



#24

1,1-Dichloroethane

Concen: 21.082 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. -0.00 min

Lab File: VN063359.D

Acq: 16 Sep 2020 11:32

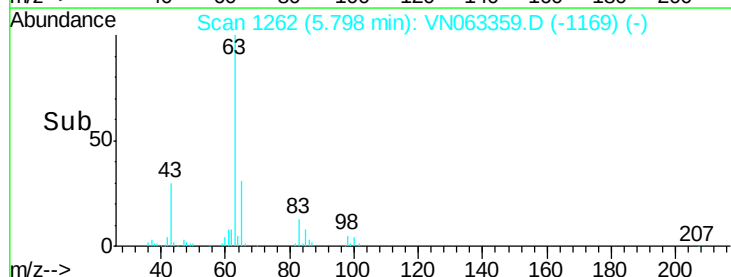
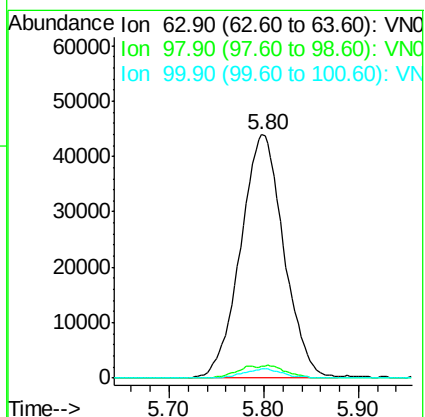
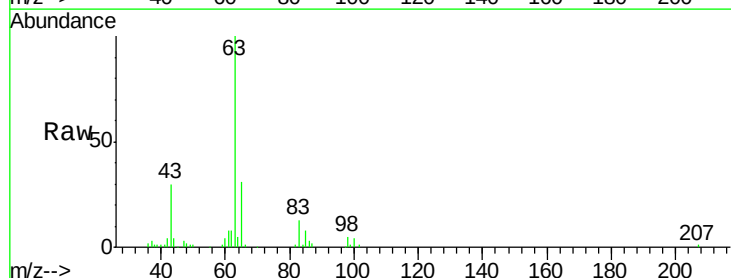
Tgt Ion: 63 Resp: 139390

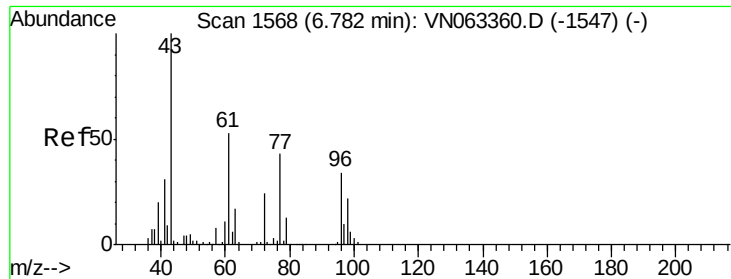
Ion Ratio Lower Upper

63 100

98 4.7 2.9 8.8

100 3.7 2.1 6.3





#25

2-Butanone

Concen: 107.092 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VN063359.D

Acq: 16 Sep 2020 11:32

Instrument :

MSVOA_N

ClientSampleId :

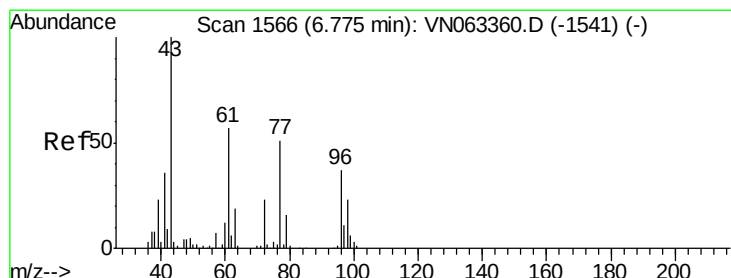
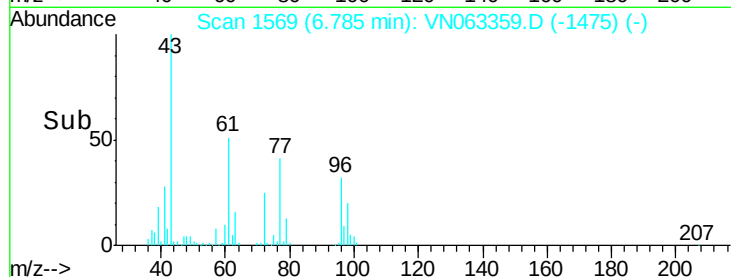
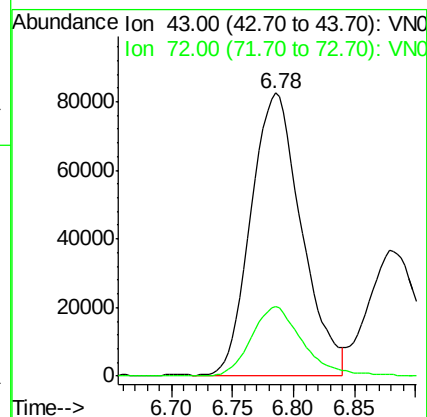
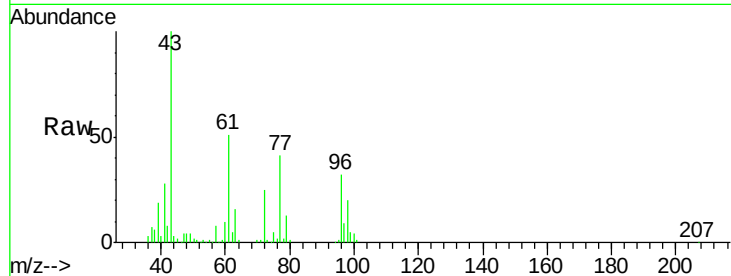
VSTDIC020

Tgt Ion: 43 Resp: 236209

Ion Ratio Lower Upper

43 100

72 24.8 19.2 28.8



#26

2,2-Dichloropropane

Concen: 20.588 ug/l

RT: 6.77 min Scan# 1565

Delta R.T. -0.00 min

Lab File: VN063359.D

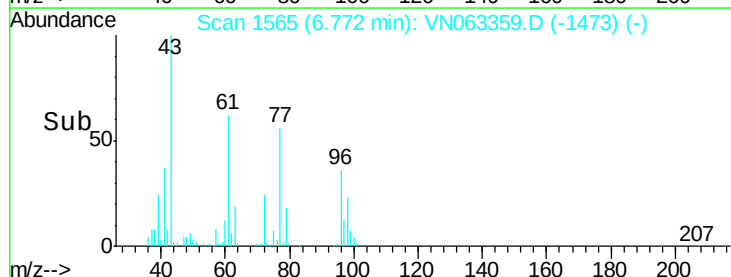
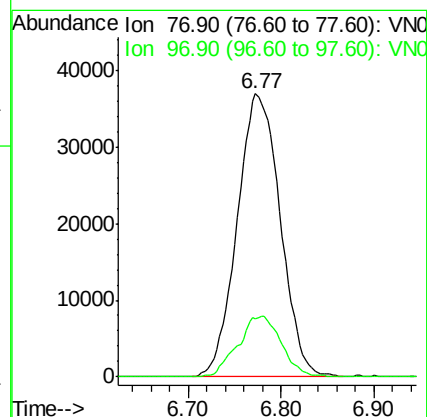
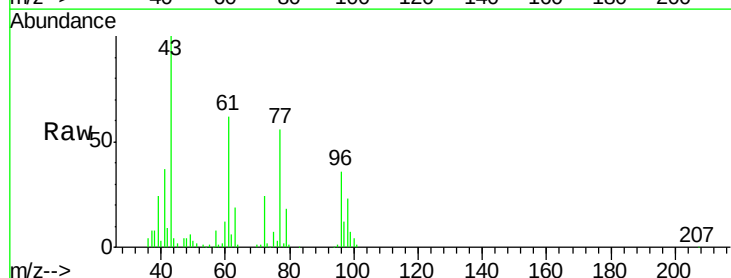
Acq: 16 Sep 2020 11:32

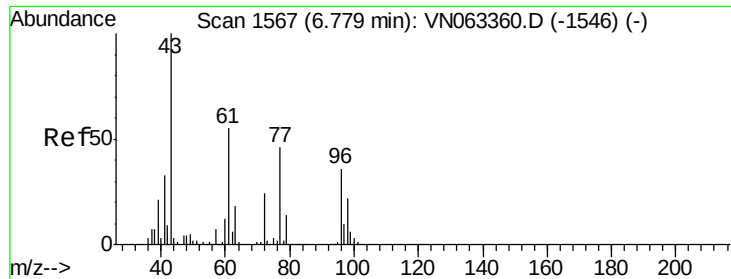
Tgt Ion: 77 Resp: 118992

Ion Ratio Lower Upper

77 100

97 21.5 10.5 31.6





#27

cis-1,2-Dichloroethene

Concen: 19.493 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN063359.D

Acq: 16 Sep 2020 11:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

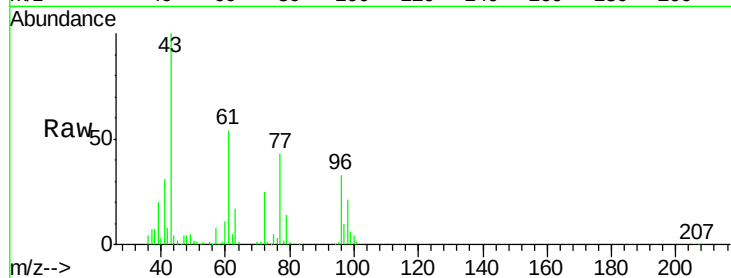
Tgt Ion: 96 Resp: 76689

Ion Ratio Lower Upper

96 100

61 167.8 0.0 319.6

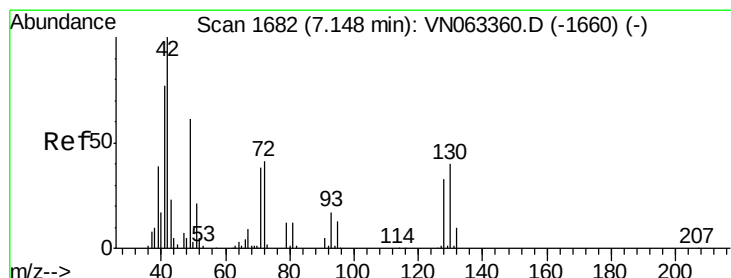
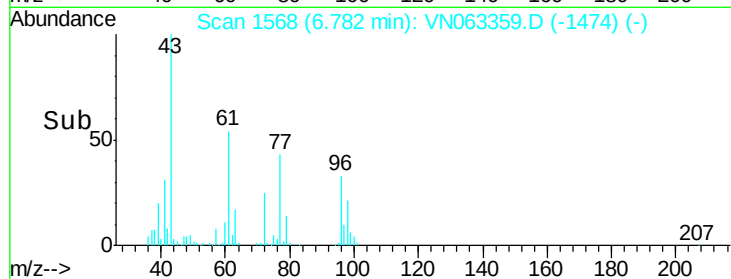
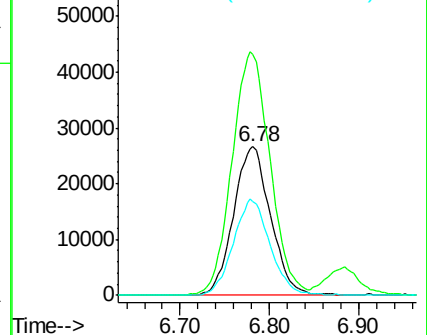
98 64.0 0.0 127.8



Abundance Ion 95.90 (95.60 to 96.60): VN063359.D (-1474) (-)

Ion 60.90 (60.60 to 61.60): VN063359.D (-1474) (-)

Ion 97.90 (97.60 to 98.60): VN063359.D (-1474) (-)



#28

Bromochloromethane

Concen: 19.093 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VN063359.D

Acq: 16 Sep 2020 11:32

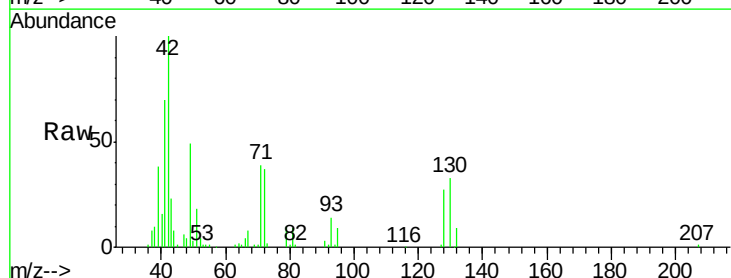
Tgt Ion: 49 Resp: 60628

Ion Ratio Lower Upper

49 100

129 0.7 0.0 3.8

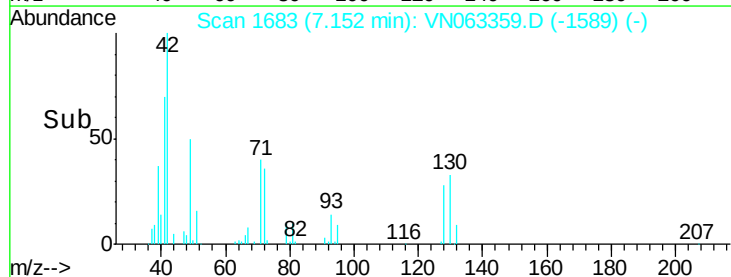
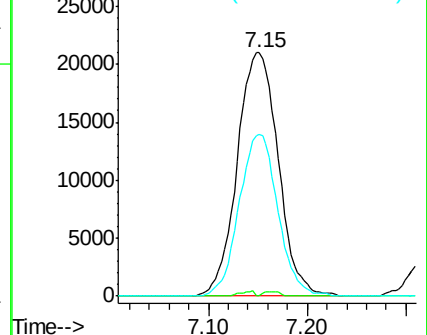
130 62.4 52.2 78.2

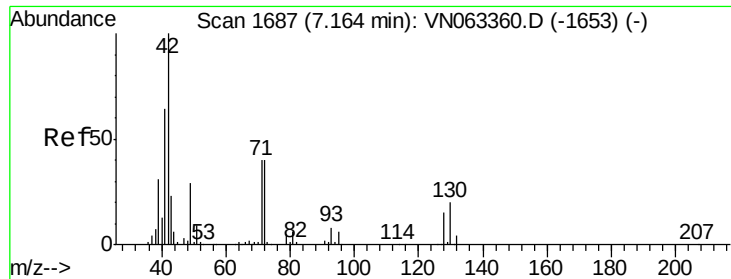


Abundance Ion 48.90 (48.60 to 49.60): VN063359.D (-1589) (-)

Ion 128.80 (128.50 to 129.50): VN063359.D (-1589) (-)

Ion 129.80 (129.50 to 130.50): VN063359.D (-1589) (-)

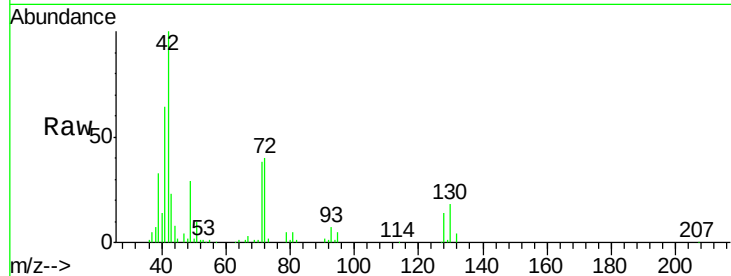




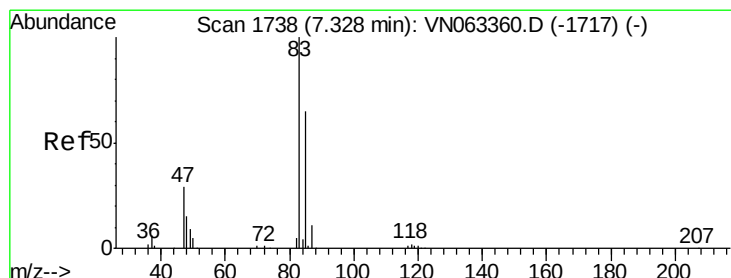
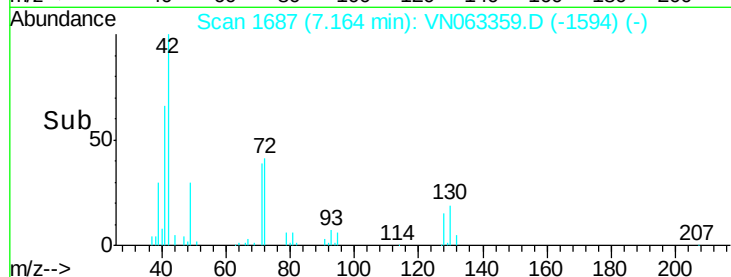
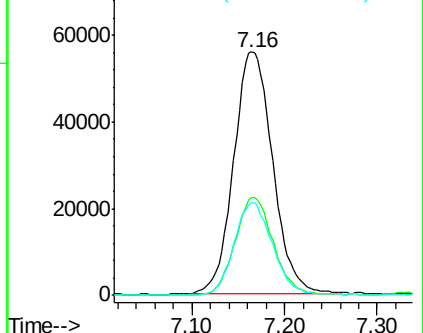
#29
Tetrahydrofuran
Concen: 113.630 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VN063359.D
Acq: 16 Sep 2020 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 42 Resp: 163262
Ion Ratio Lower Upper
42 100
72 39.7 32.1 48.1
71 38.2 31.2 46.8

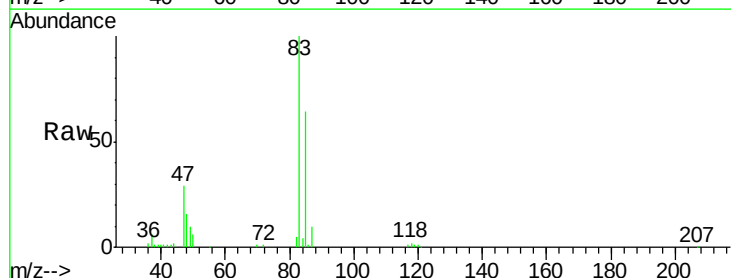


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

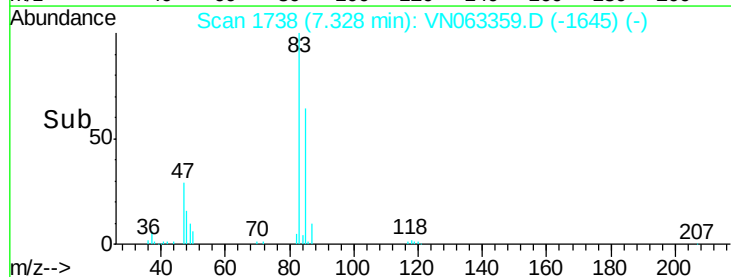
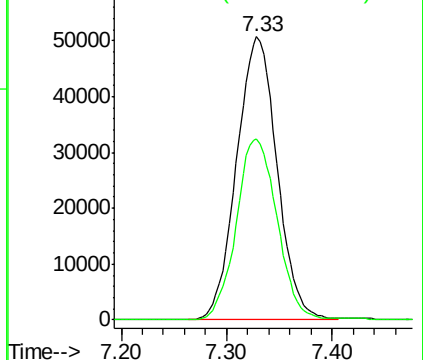


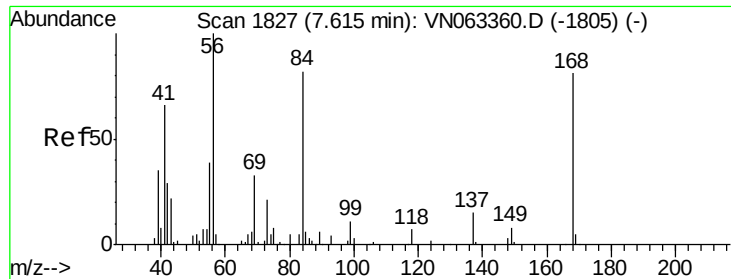
#30
Chloroform
Concen: 20.508 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VN063359.D
Acq: 16 Sep 2020 11:32

Tgt Ion: 83 Resp: 135272
Ion Ratio Lower Upper
83 100
85 64.0 52.1 78.1



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

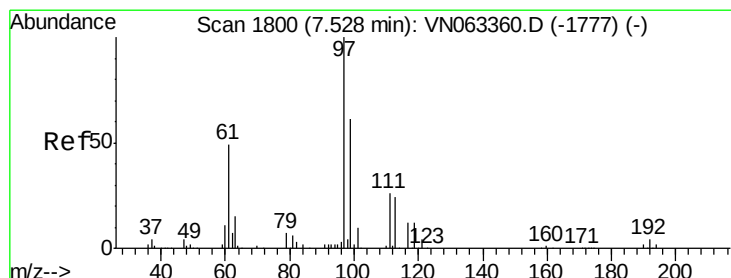
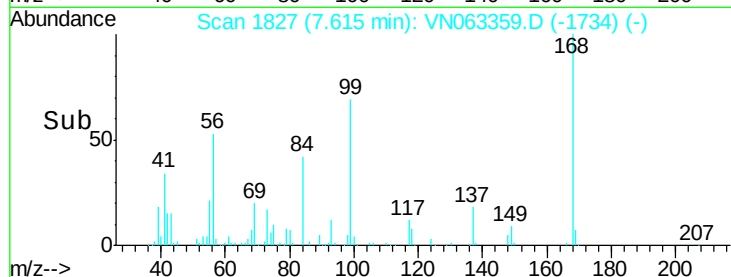
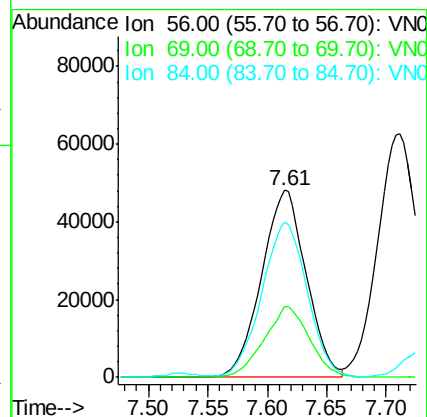
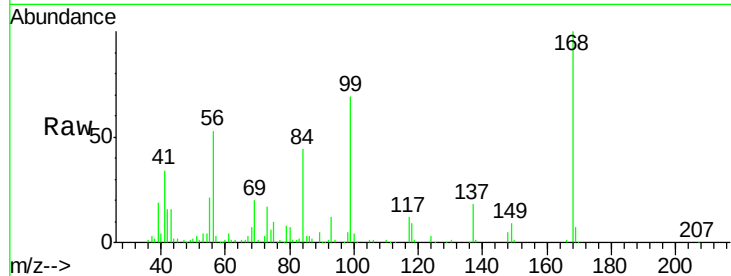




#31
Cyclohexane
Concen: 20.614 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. -0.00 min
Lab File: VN063359.D
Acq: 16 Sep 2020 11:32

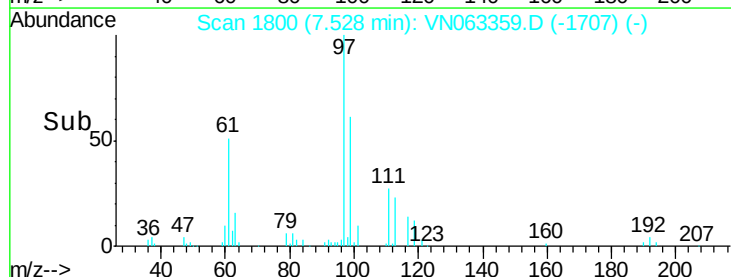
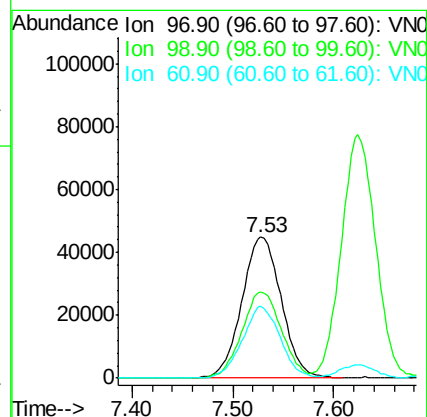
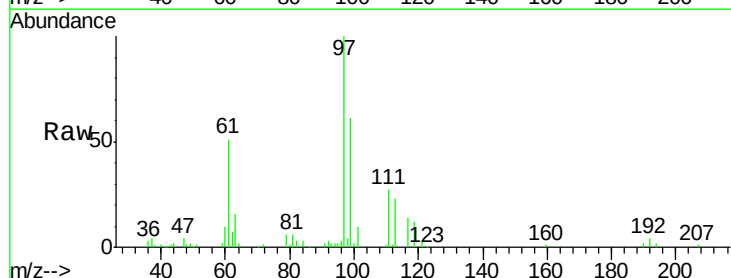
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

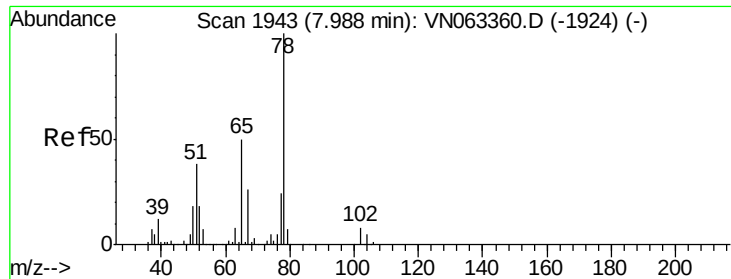
Tgt Ion: 56 Resp: 125205
Ion Ratio Lower Upper
56 100
69 37.5 26.1 39.1
84 81.5 65.4 98.2



#32
1,1,1-Trichloroethane
Concen: 21.120 ug/l
RT: 7.53 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VN063359.D
Acq: 16 Sep 2020 11:32

Tgt Ion: 97 Resp: 121885
Ion Ratio Lower Upper
97 100
99 61.3 50.6 76.0
61 48.7 39.2 58.8

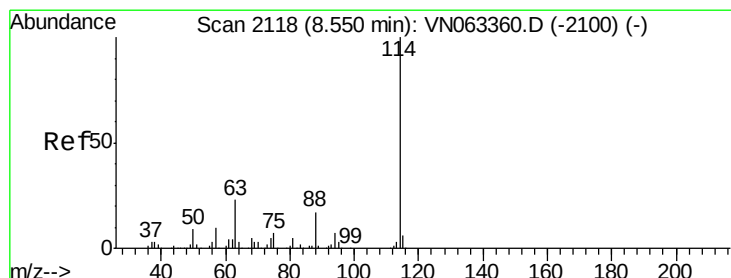
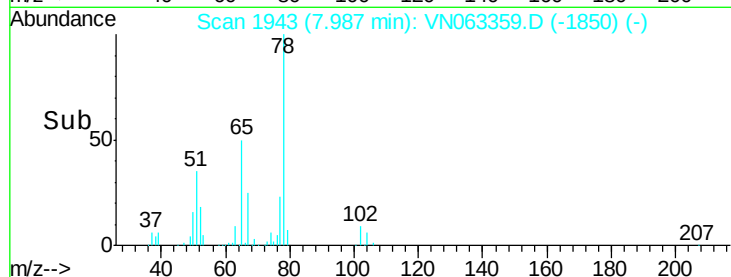
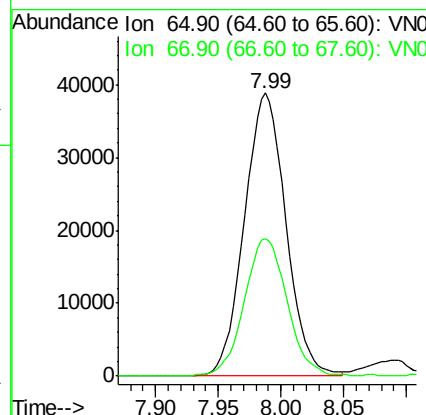
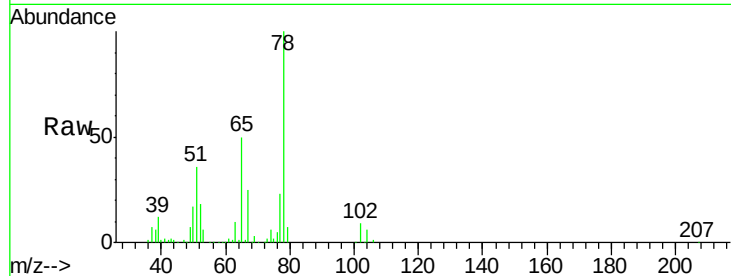




#33
 1,2-Dichloroethane-d4
 Concen: 20.633 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN063359.D
 Acq: 16 Sep 2020 11:32

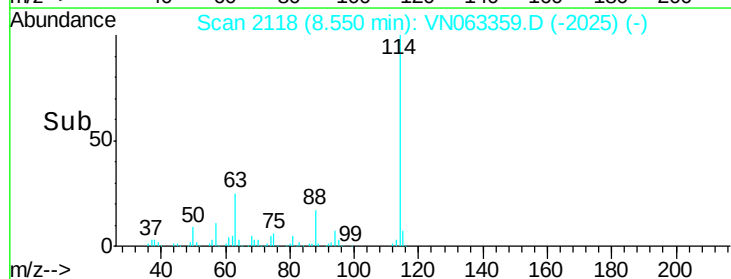
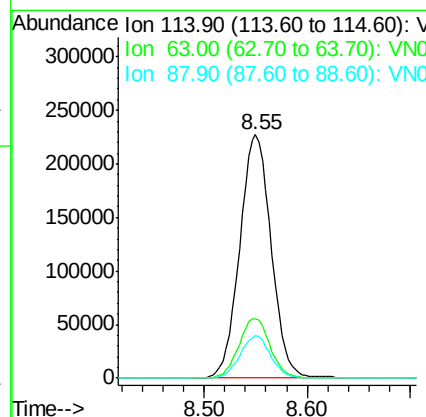
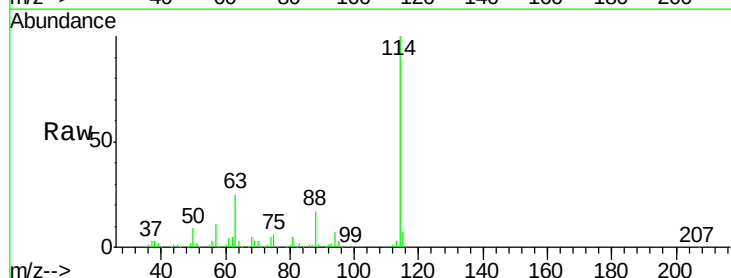
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

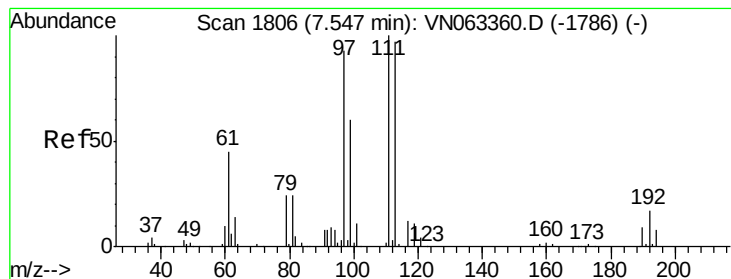
Tgt Ion: 65 Resp: 89445
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063359.D
 Acq: 16 Sep 2020 11:32

Tgt Ion: 114 Resp: 482567
 Ion Ratio Lower Upper
 114 100
 63 24.6 0.0 46.4
 88 17.4 0.0 33.2





#35

Dibromofluoromethane

Concen: 20.364 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN063359.D

Acq: 16 Sep 2020 11:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

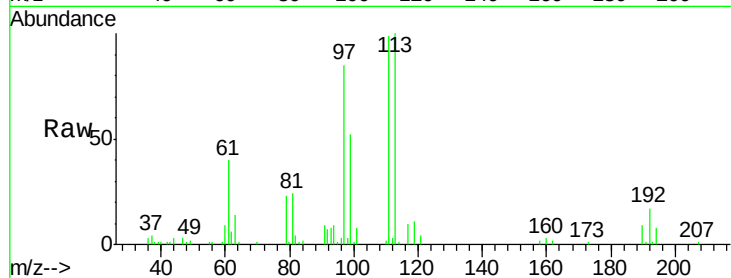
Tgt Ion:113 Resp: 63694

Ion Ratio Lower Upper

113 100

111 100.5 82.9 124.3

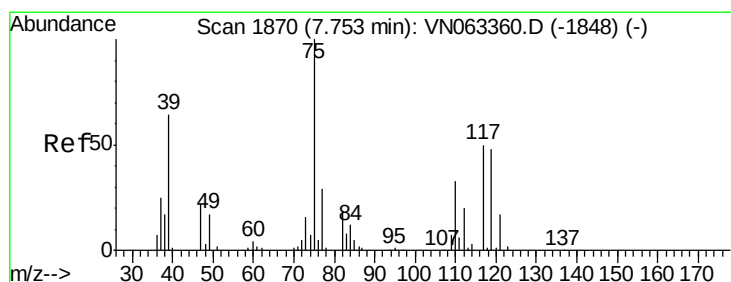
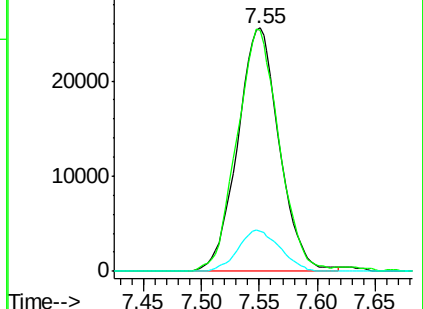
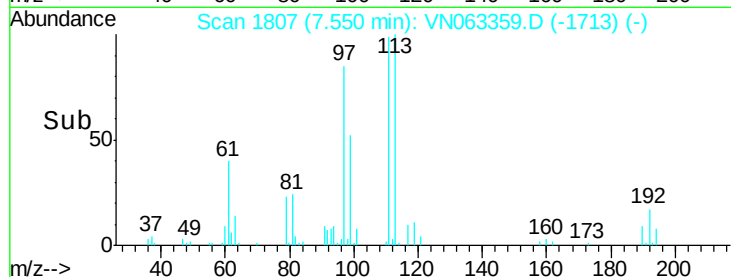
192 17.1 13.9 20.9



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.919 ug/l

RT: 7.76 min Scan# 1871

Delta R.T. 0.00 min

Lab File: VN063359.D

Acq: 16 Sep 2020 11:32

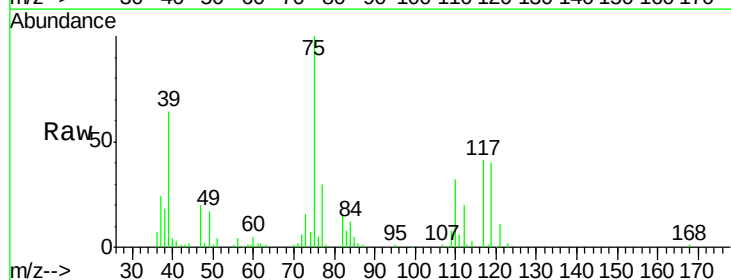
Tgt Ion: 75 Resp: 99689

Ion Ratio Lower Upper

75 100

110 33.4 16.5 49.5

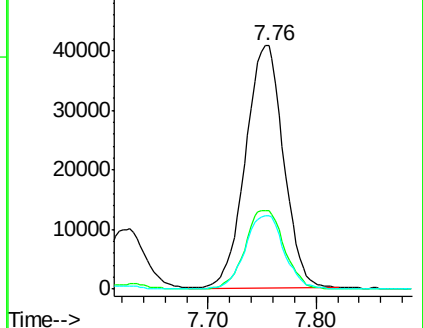
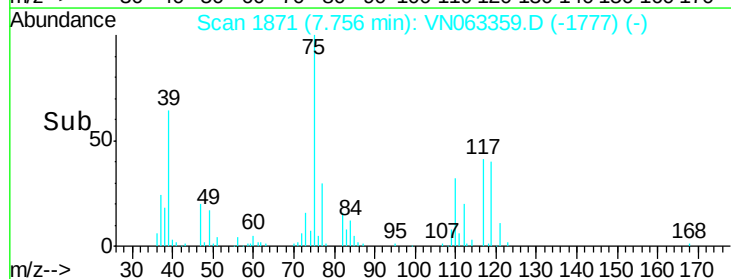
77 31.0 24.6 36.8

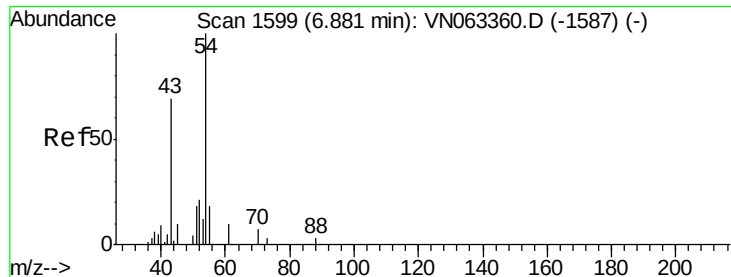


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

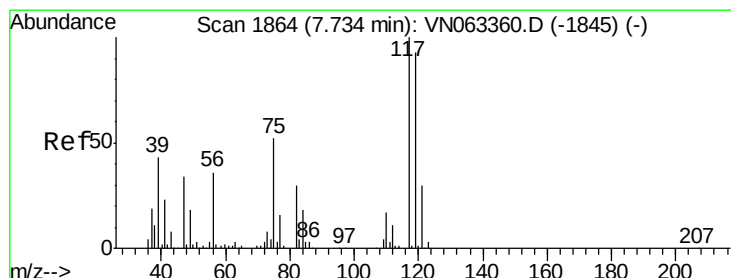
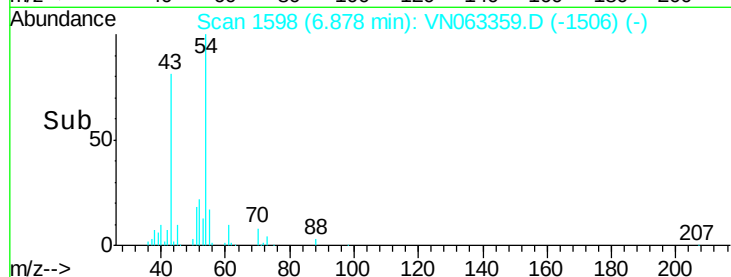
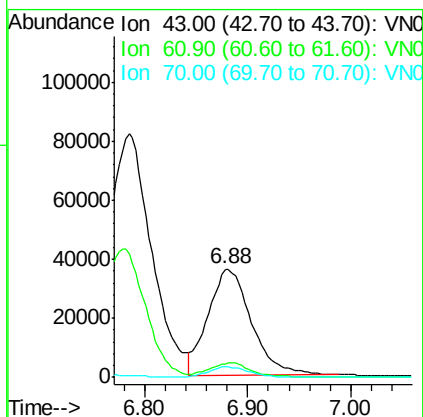
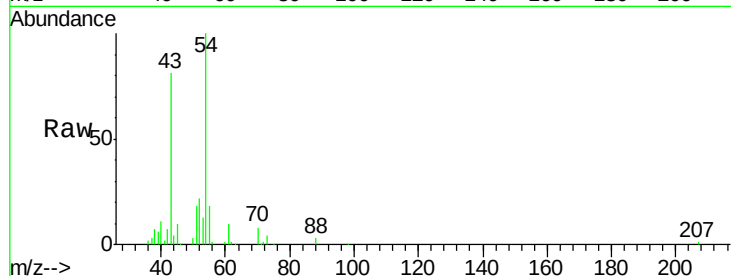




#37
Ethyl Acetate
 Concen: 21.448 ug/l
 RT: 6.88 min Scan# 1598
 Delta R.T. -0.00 min
 Lab File: VN063359.D
 Acq: 16 Sep 2020 11:32

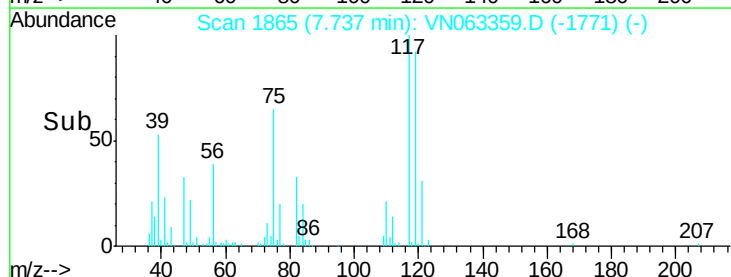
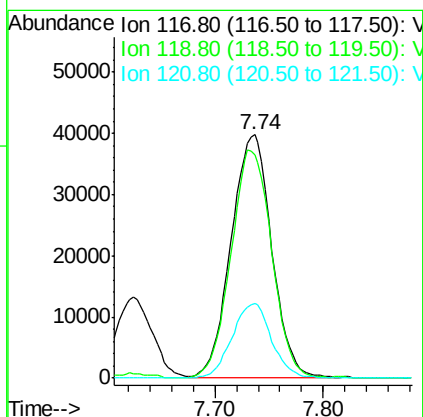
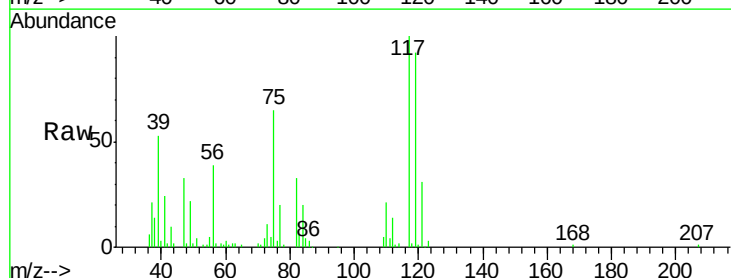
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC020

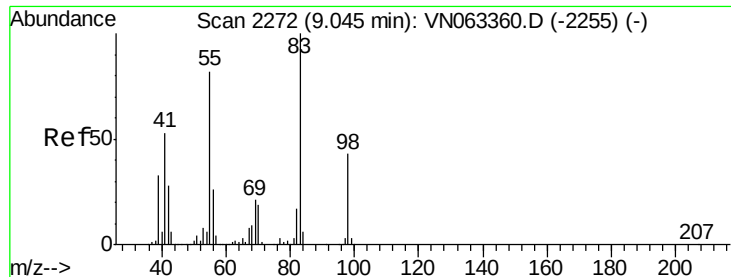
Tgt Ion: 43 Resp: 105981
 Ion Ratio Lower Upper
 43 100
 61 13.1 10.6 15.8
 70 9.4 7.2 10.8



#38
Carbon Tetrachloride
 Concen: 21.086 ug/l
 RT: 7.74 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: VN063359.D
 Acq: 16 Sep 2020 11:32

Tgt Ion: 117 Resp: 104483
 Ion Ratio Lower Upper
 117 100
 119 91.1 74.5 111.7
 121 30.7 24.1 36.1

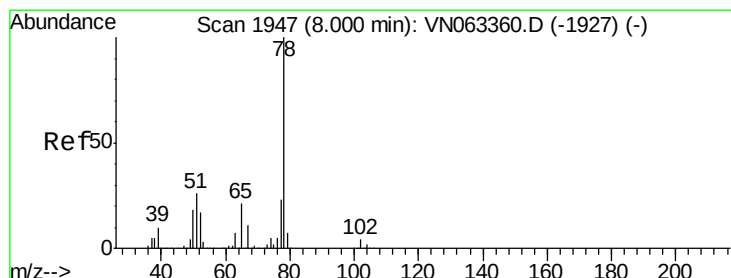
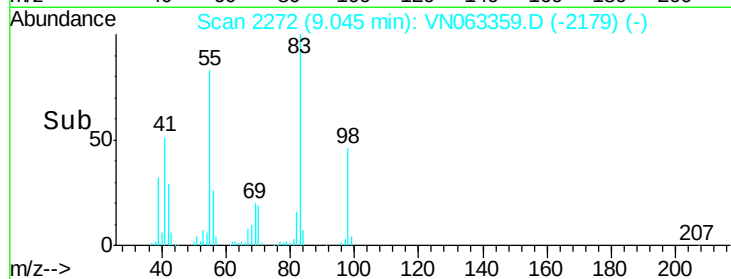
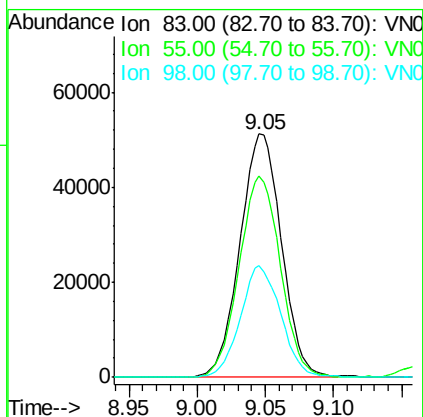
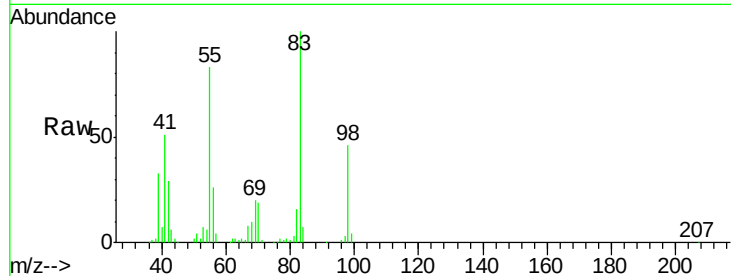




#39
Methylcyclohexane
Concen: 19.832 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN063359.D
Acq: 16 Sep 2020 11:32

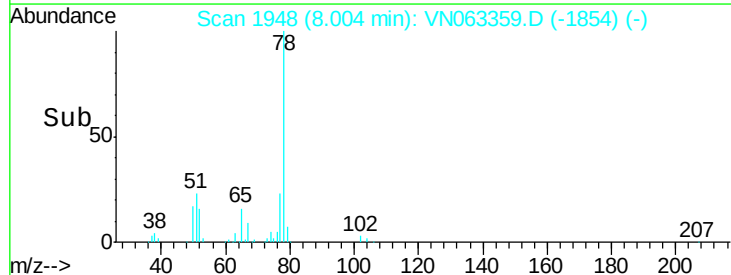
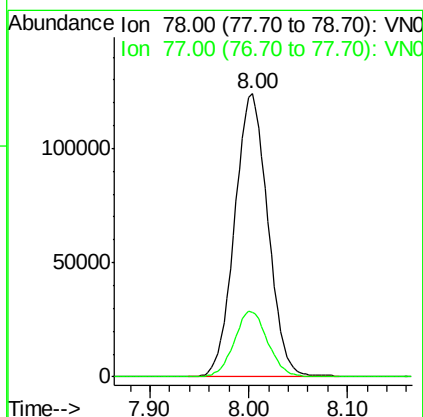
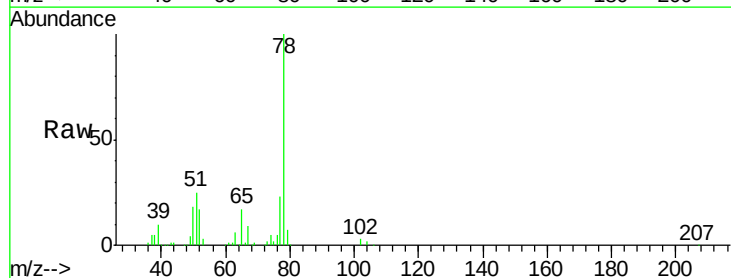
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

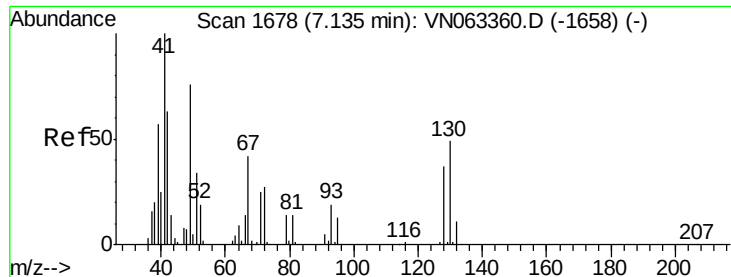
Tgt Ion: 83 Resp: 108185
Ion Ratio Lower Upper
83 100
55 82.5 65.5 98.3
98 46.0 34.2 51.4



#40
Benzene
Concen: 20.347 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063359.D
Acq: 16 Sep 2020 11:32

Tgt Ion: 78 Resp: 290359
Ion Ratio Lower Upper
78 100
77 23.0 18.3 27.5

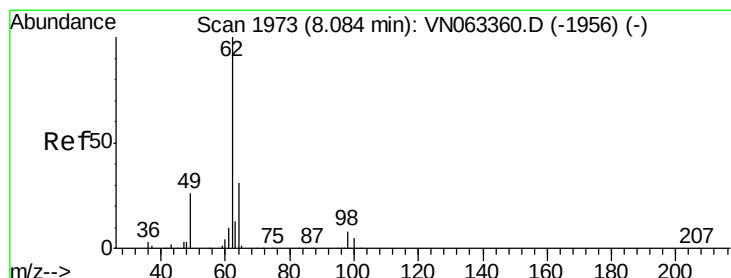
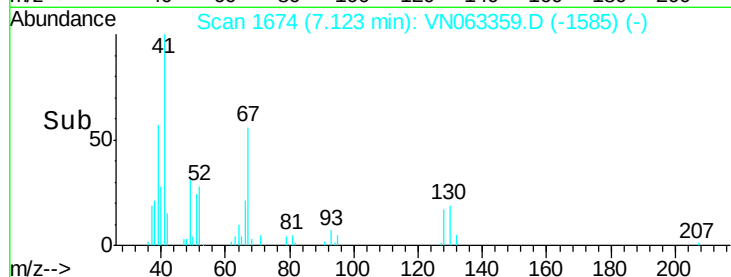
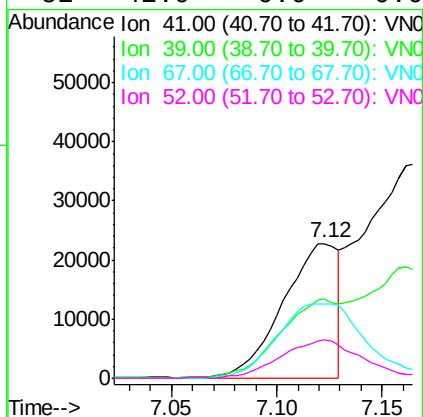
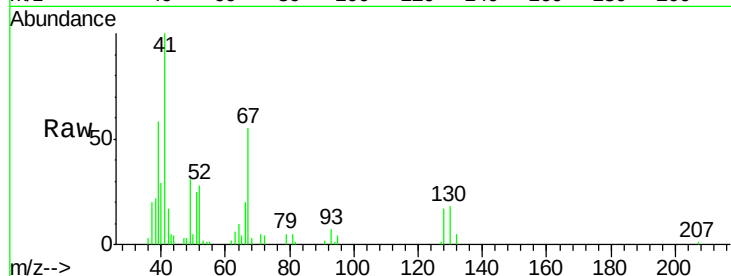




#41
Methacrylonitrile
Concen: 18.447 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. -0.01 min
Lab File: VN063359.D
Acq: 16 Sep 2020 11:32

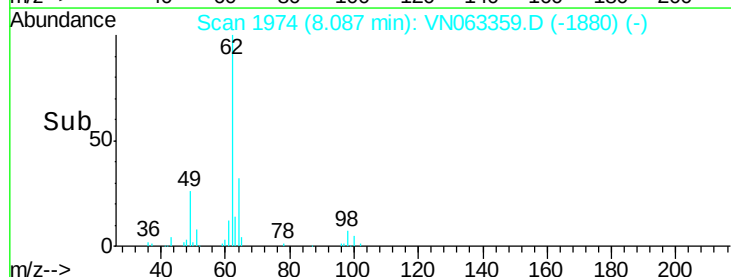
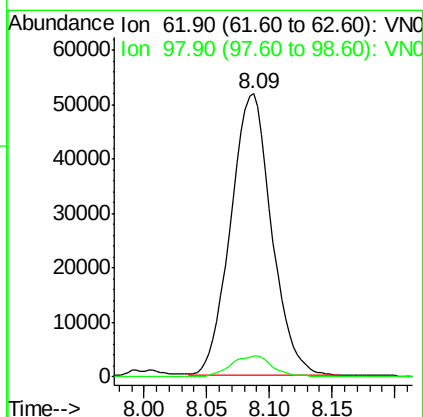
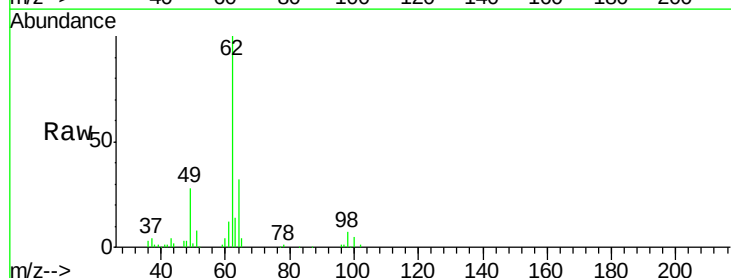
Instrument :
MSVOA_N
ClientSampled :
VSTDIC020

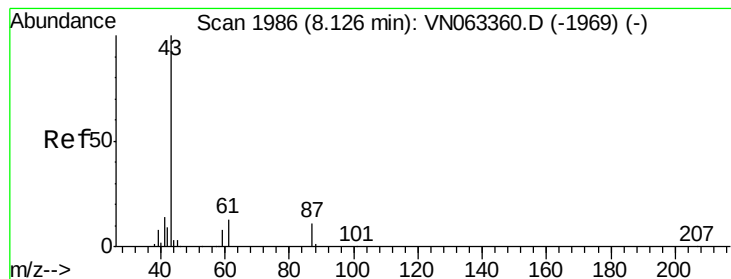
Tgt Ion:	41	Resp:	41481
Ion	Ratio	Lower	Upper
41	100		
39	61.9	0.0	0.0#
67	90.0	0.0	0.0#
52	42.9	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 21.407 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN063359.D
Acq: 16 Sep 2020 11:32

Tgt Ion:	62	Resp:	117067
Ion	Ratio	Lower	Upper
62	100		
98	7.6	0.0	15.6





#43

Isopropyl Acetate

Concen: 21.569 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN063359.D

Acq: 16 Sep 2020 11:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

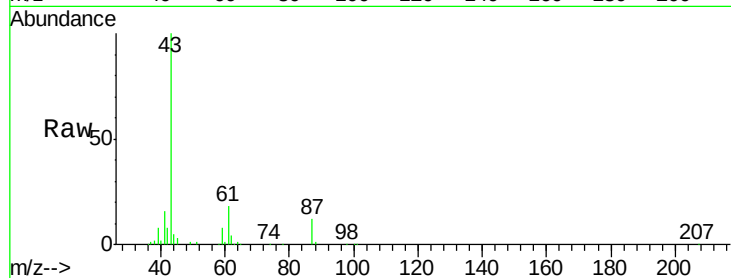
Tgt Ion: 43 Resp: 180765

Ion Ratio Lower Upper

43 100

61 19.5 14.2 21.2

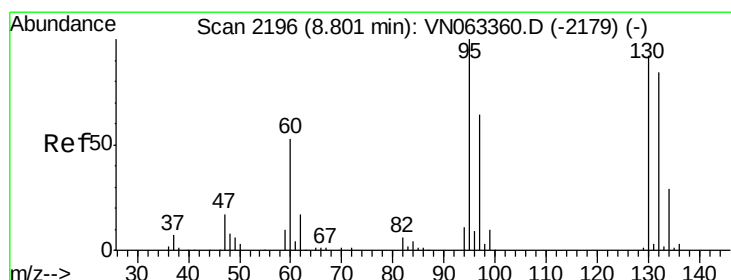
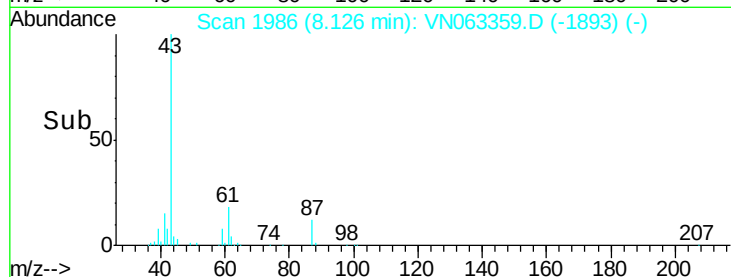
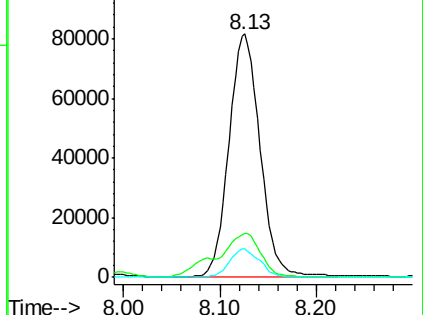
87 11.5 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VN063360.D (-1969) (-)

Ion 61.00 (60.70 to 61.70): VN063360.D (-1969) (-)

Ion 87.00 (86.70 to 87.70): VN063360.D (-1969) (-)



#44

Trichloroethene

Concen: 19.105 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN063359.D

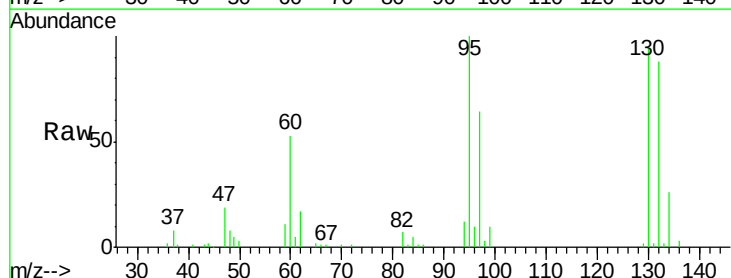
Acq: 16 Sep 2020 11:32

Tgt Ion: 130 Resp: 70233

Ion Ratio Lower Upper

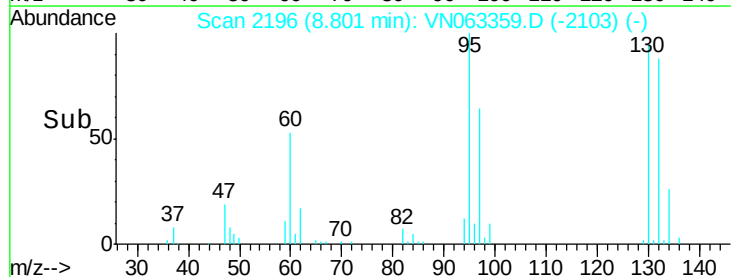
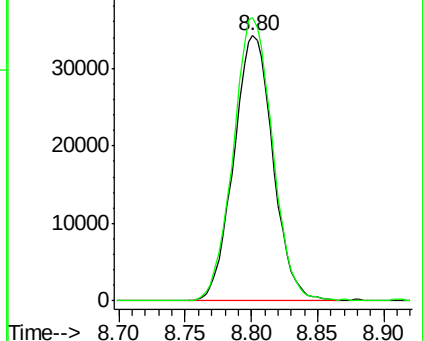
130 100

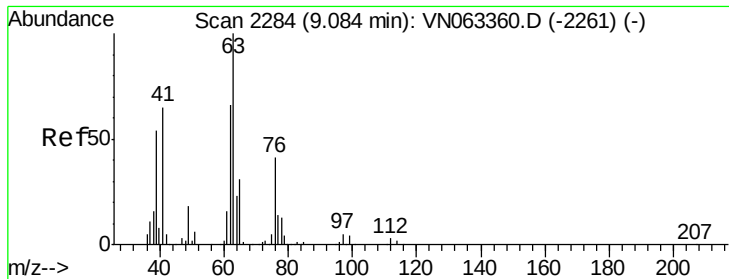
95 106.8 0.0 217.4



Abundance Ion 129.80 (129.50 to 130.50): VN063360.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN063360.D (-2179) (-)





#45

1,2-Dichloropropane

Concen: 20.555 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN063359.D

Acq: 16 Sep 2020 11:32

Instrument :

MSVOA_N

ClientSampleId :

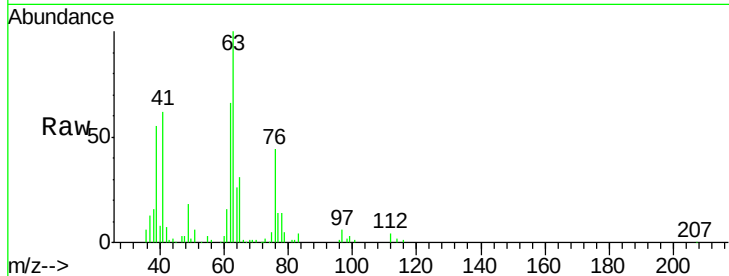
VSTDIC020

Tgt Ion: 63 Resp: 80537

Ion Ratio Lower Upper

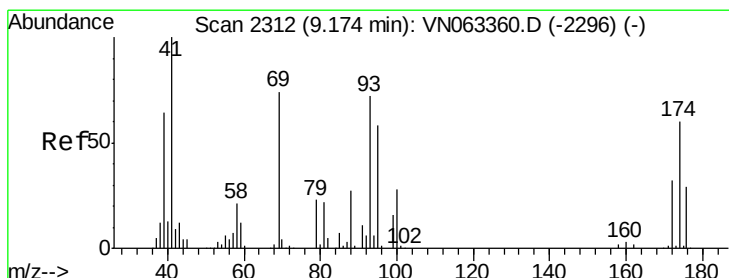
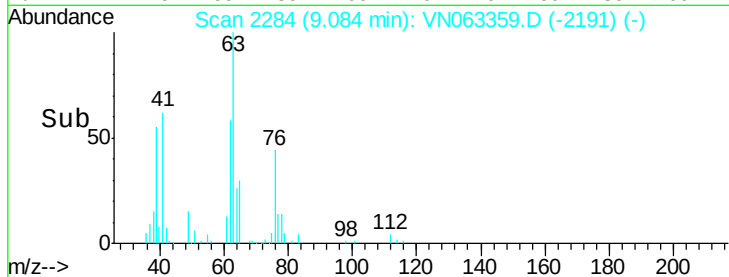
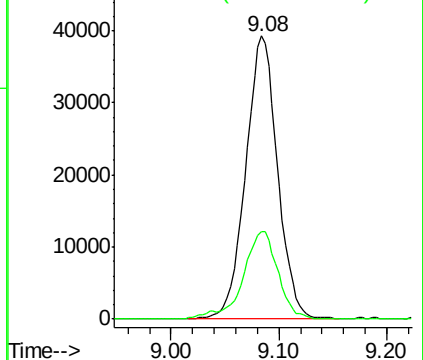
63 100

65 31.0 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 20.125 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN063359.D

Acq: 16 Sep 2020 11:32

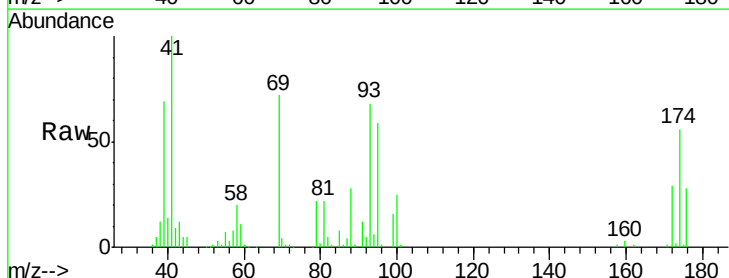
Tgt Ion: 93 Resp: 51397

Ion Ratio Lower Upper

93 100

95 85.7 65.6 98.4

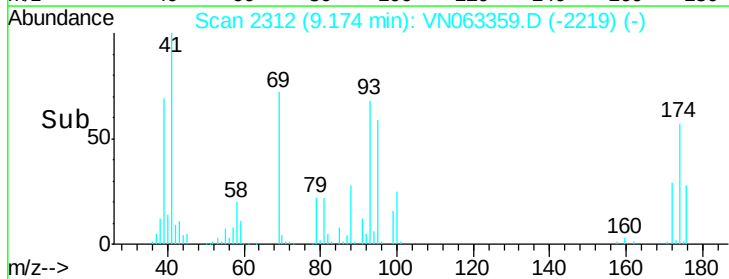
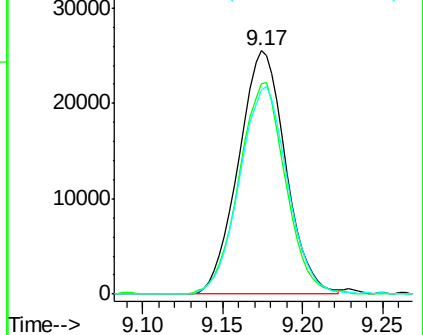
174 86.6 68.1 102.1

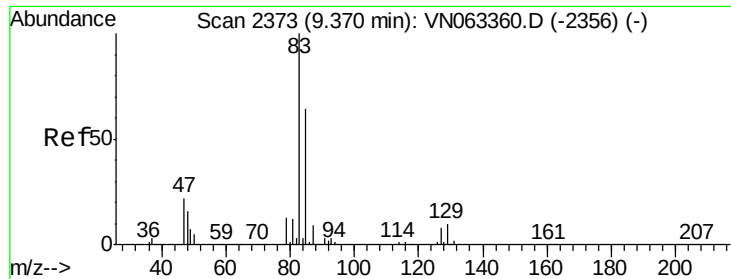


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

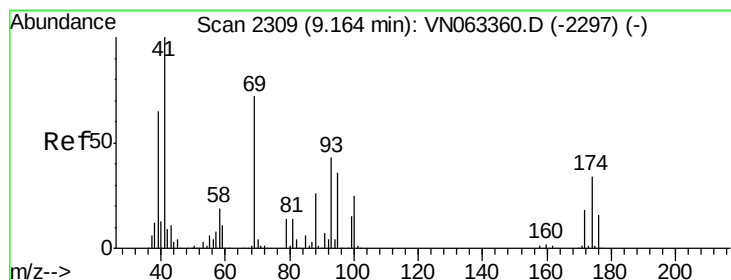
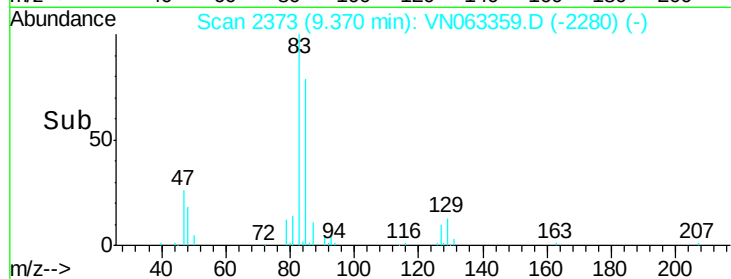
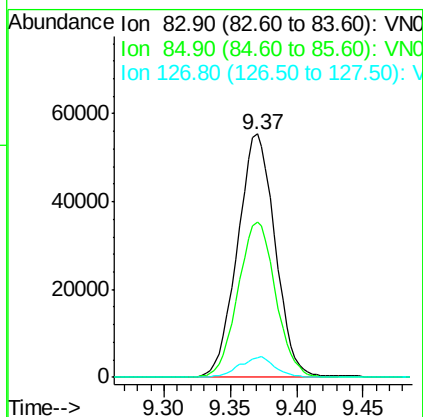
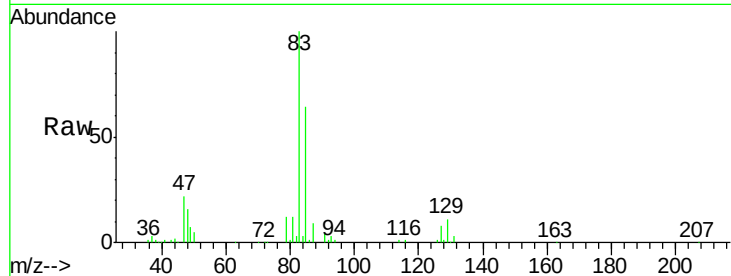




#47
 Bromodichloromethane
 Concen: 20.606 ug/l
 RT: 9.37 min Scan# 2373
 Delta R.T. -0.00 min
 Lab File: VN063359.D
 Acq: 16 Sep 2020 11:32

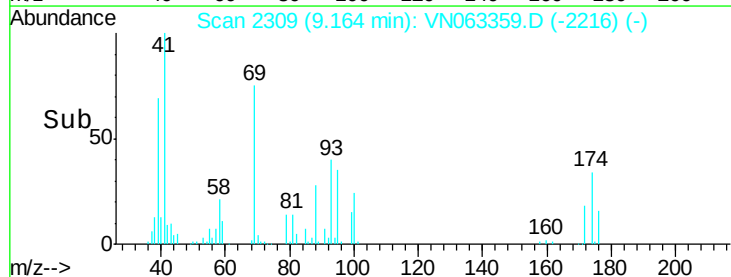
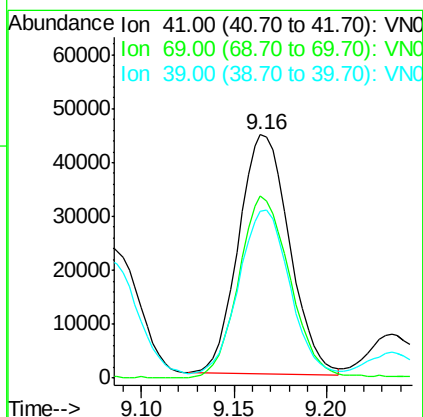
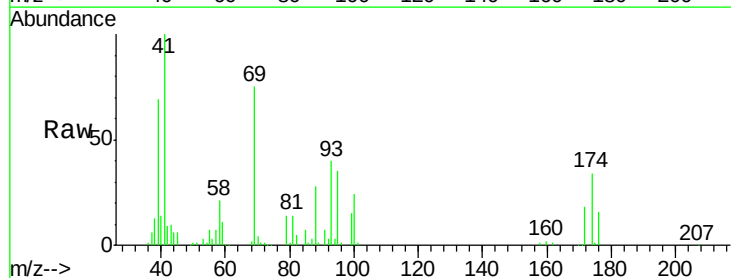
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

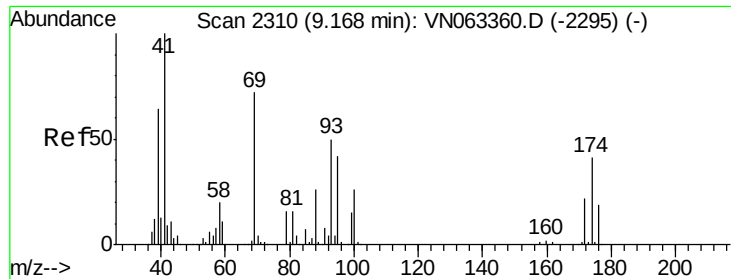
Tgt Ion: 83 Resp: 109283
 Ion Ratio Lower Upper
 83 100
 85 64.0 51.0 76.6
 127 8.2 6.3 9.5



#48
 Methyl methacrylate
 Concen: 20.979 ug/l
 RT: 9.16 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: VN063359.D
 Acq: 16 Sep 2020 11:32

Tgt Ion: 41 Resp: 84484
 Ion Ratio Lower Upper
 41 100
 69 77.6 59.3 88.9
 39 71.7 52.9 79.3

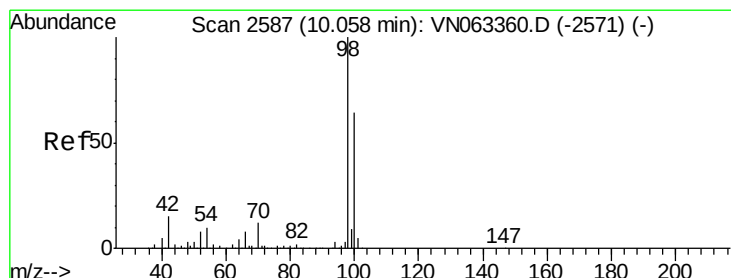
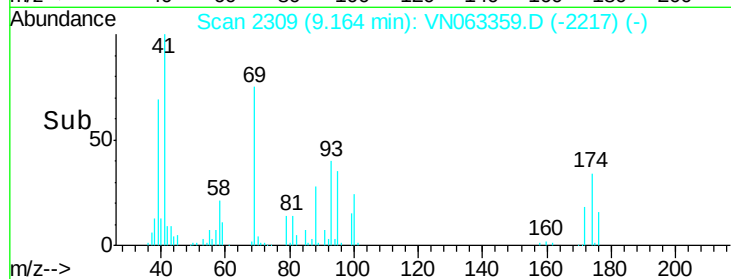
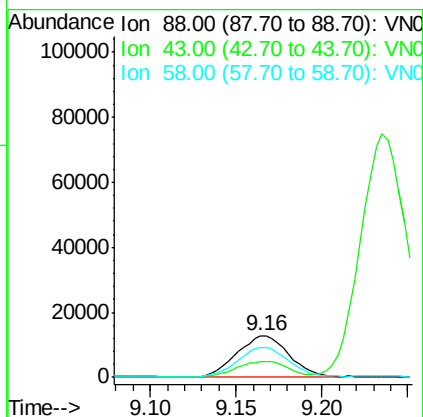
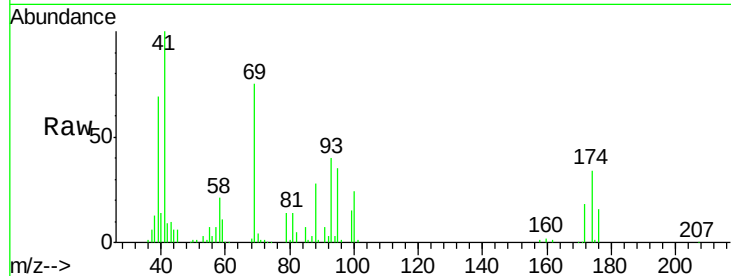




#49
 1,4-Dioxane
 Concen: 436.320 ug/l
 RT: 9.16 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: VN063359.D
 Acq: 16 Sep 2020 11:32

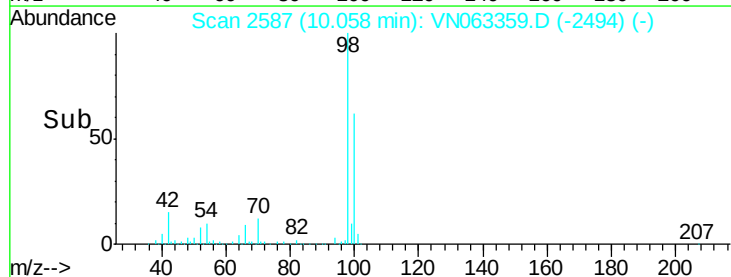
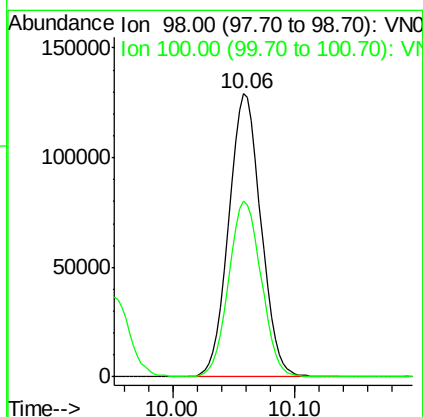
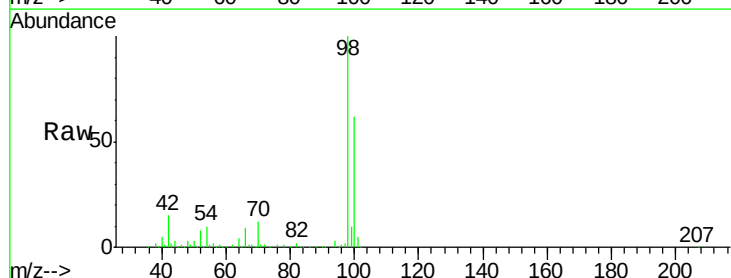
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

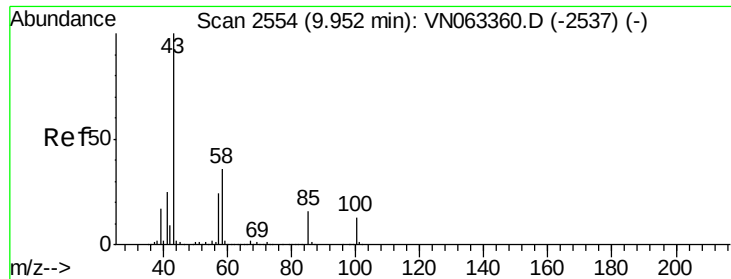
Tgt Ion: 88 Resp: 27071
 Ion Ratio Lower Upper
 88 100
 43 35.9 32.6 49.0
 58 71.9 60.0 90.0



#50
 Toluene-d8
 Concen: 19.857 ug/l
 RT: 10.06 min Scan# 2587
 Delta R.T. -0.00 min
 Lab File: VN063359.D
 Acq: 16 Sep 2020 11:32

Tgt Ion: 98 Resp: 237954
 Ion Ratio Lower Upper
 98 100
 100 62.4 50.7 76.1





#51

4-Methyl-2-Pentanone

Concen: 114.746 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN063359.D

Acq: 16 Sep 2020 11:32

Instrument :

MSVOA_N

ClientSampleId :

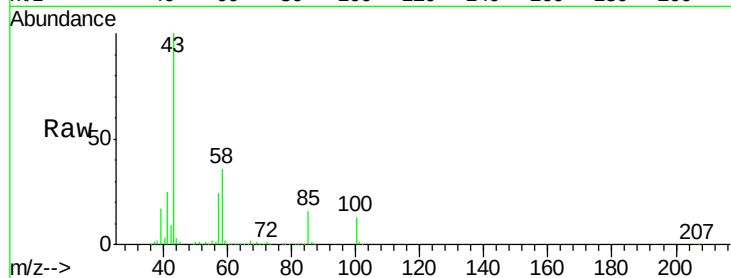
VSTDIC020

Tgt Ion: 43 Resp: 529345

Ion Ratio Lower Upper

43 100

58 35.8 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VN063360.D (-2537) (-)

Ion 58.00 (57.70 to 58.70): VN063360.D (-2537) (-)

9.95

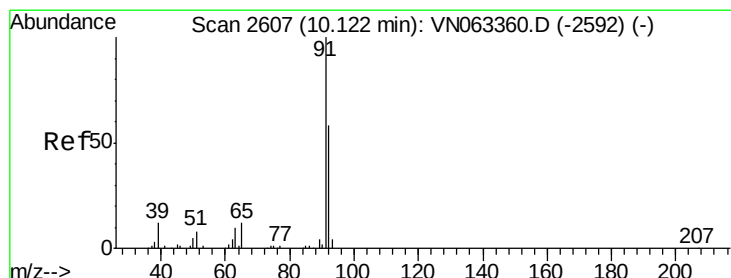
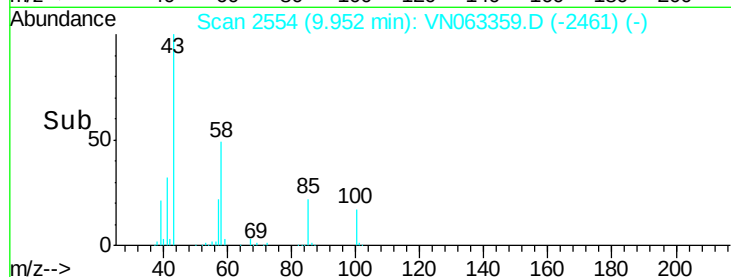
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 20.426 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN063359.D

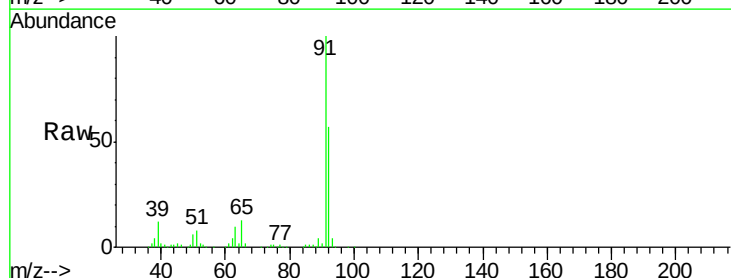
Acq: 16 Sep 2020 11:32

Tgt Ion: 92 Resp: 178417

Ion Ratio Lower Upper

92 100

91 176.5 139.7 209.5



Abundance Ion 92.00 (91.70 to 92.70): VN063360.D (-2592) (-)

Ion 91.00 (90.70 to 91.70): VN063360.D (-2592) (-)

10.12

200000

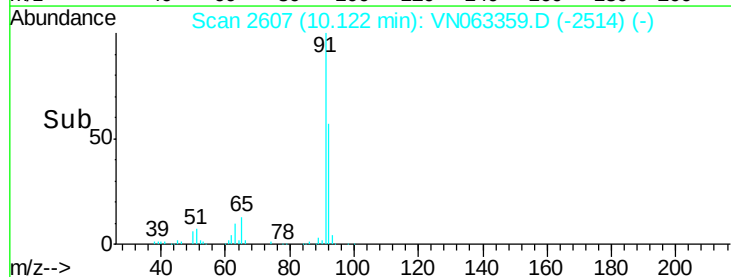
150000

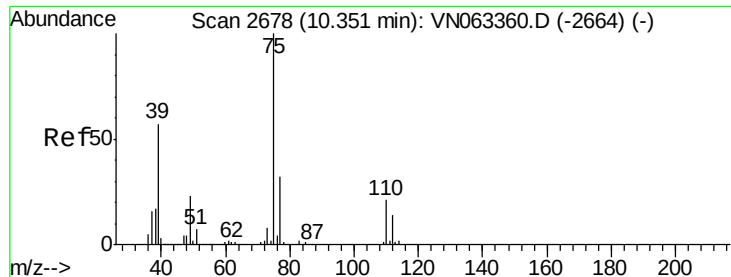
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 20.801 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN063359.D

Acq: 16 Sep 2020 11:32

Instrument :

MSVOA_N

ClientSampleId :

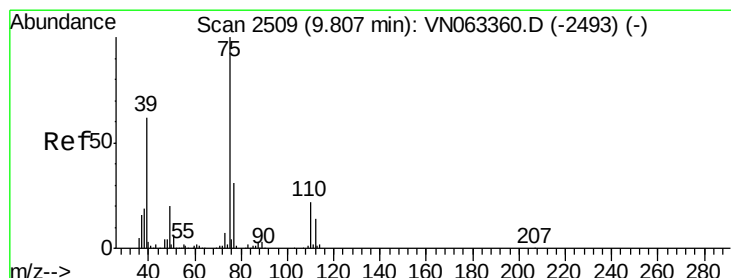
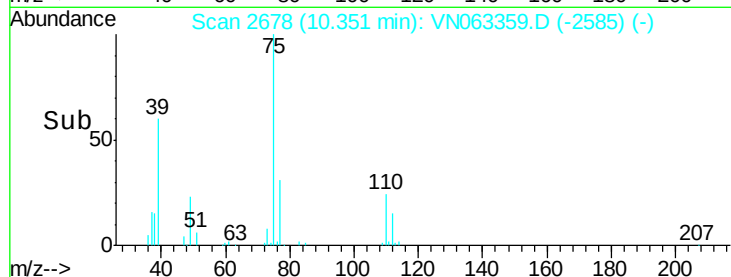
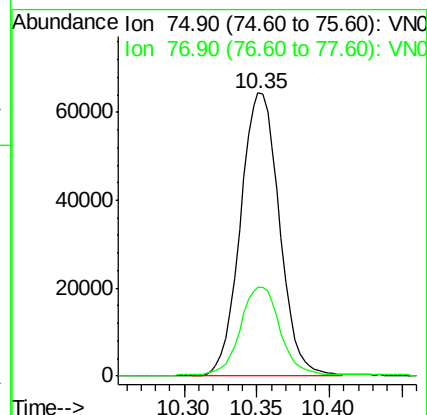
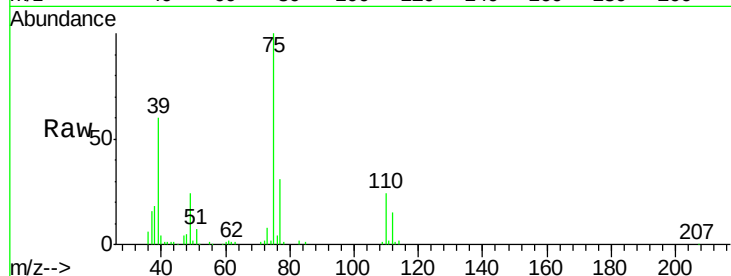
VSTDIC020

Tgt Ion: 75 Resp: 120474

Ion Ratio Lower Upper

75 100

77 30.8 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 20.394 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN063359.D

Acq: 16 Sep 2020 11:32

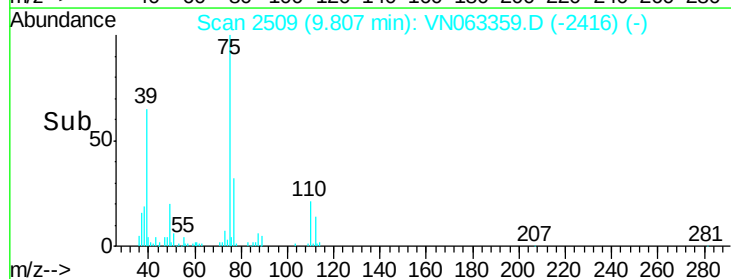
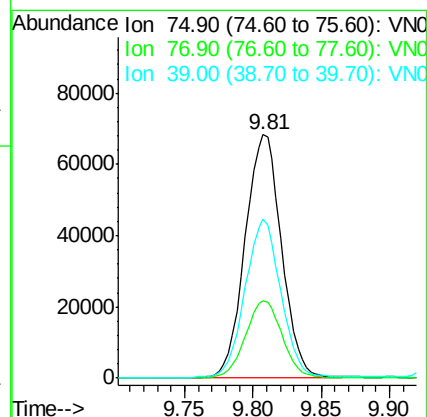
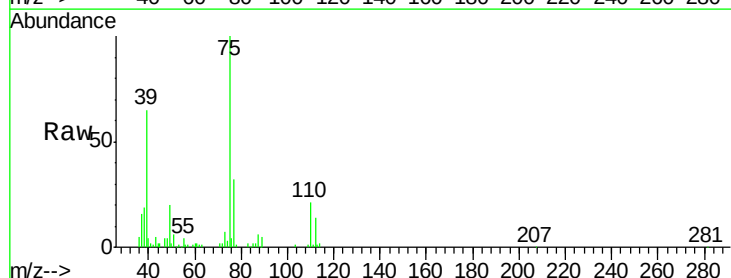
Tgt Ion: 75 Resp: 127039

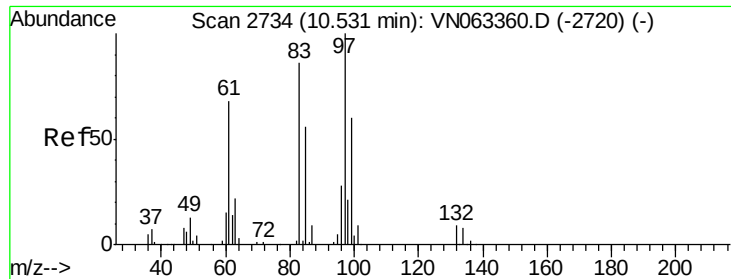
Ion Ratio Lower Upper

75 100

77 31.9 24.6 37.0

39 64.8 49.8 74.8

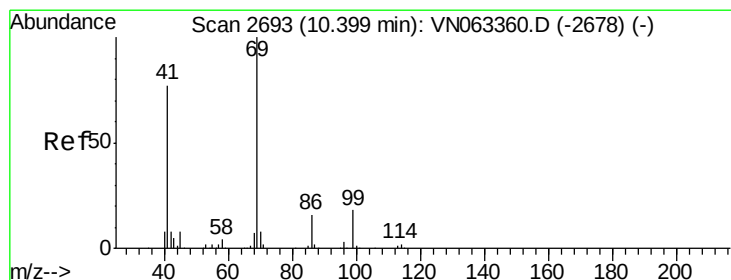
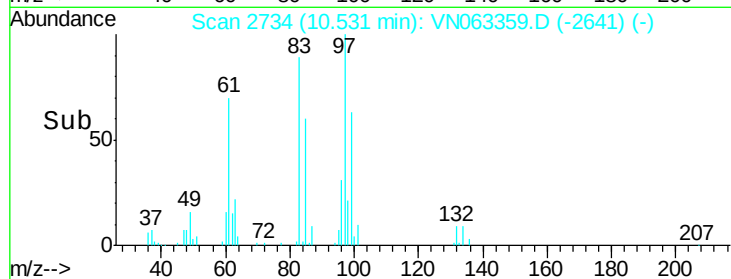
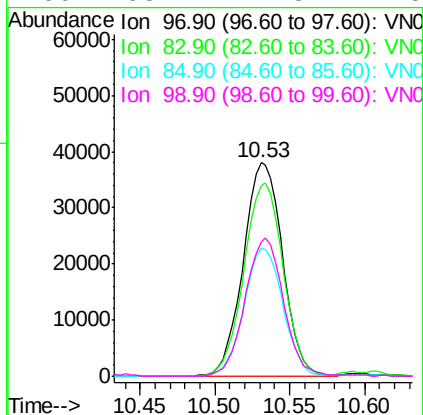
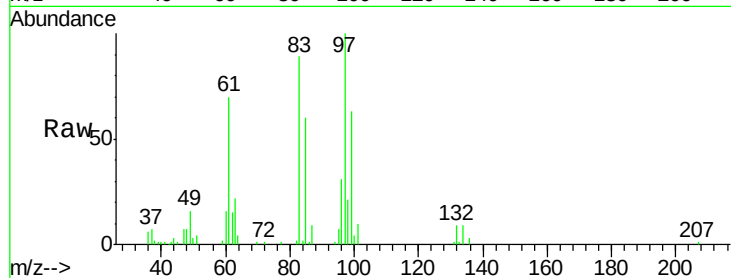




#55
 1,1,2-Trichloroethane
 Concen: 20.346 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN063359.D
 Acq: 16 Sep 2020 11:32

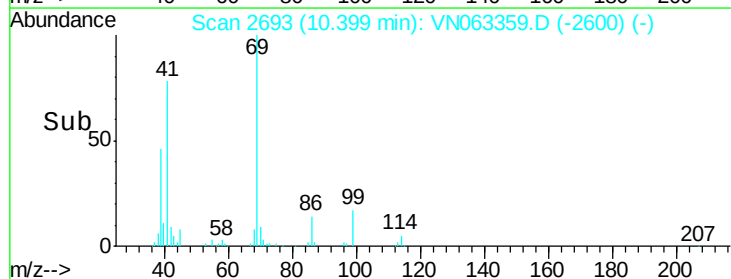
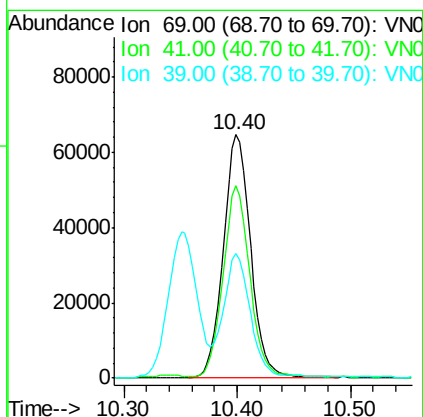
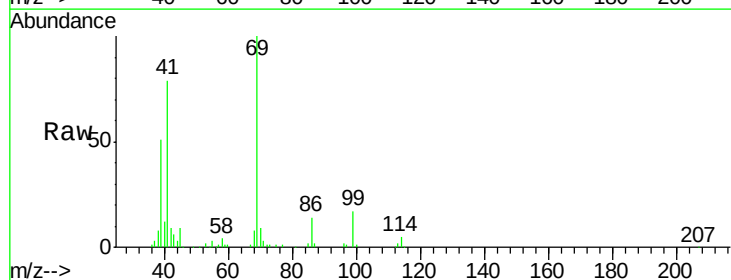
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC020

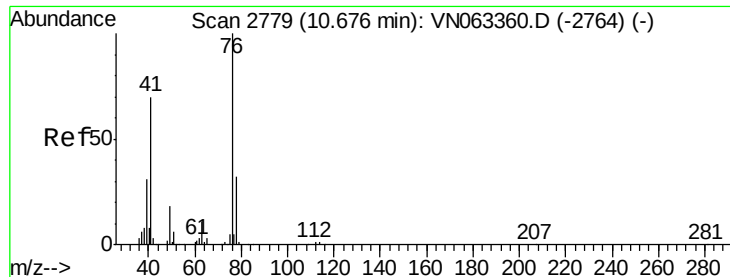
Tgt Ion: 97 Resp: 69601
 Ion Ratio Lower Upper
 97 100
 83 89.4 68.9 103.3
 85 60.1 44.8 67.2
 99 63.2 47.8 71.8



#56
 Ethyl methacrylate
 Concen: 20.983 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. -0.00 min
 Lab File: VN063359.D
 Acq: 16 Sep 2020 11:32

Tgt Ion: 69 Resp: 109050
 Ion Ratio Lower Upper
 69 100
 41 76.6 61.0 91.6
 39 50.0 39.2 58.8





#57

1,3-Dichloropropane

Concen: 21.047 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN063359.D

Acq: 16 Sep 2020 11:32

Instrument :

MSVOA_N

ClientSampleId :

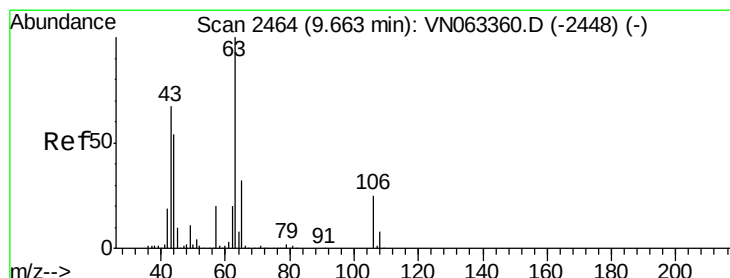
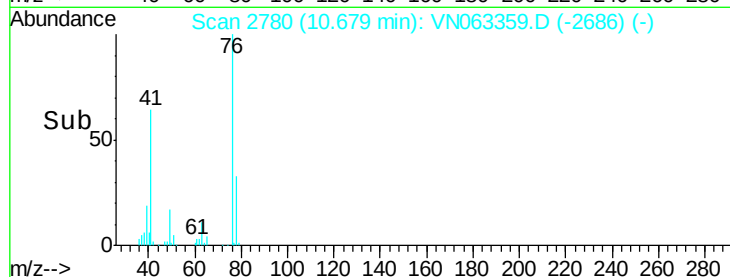
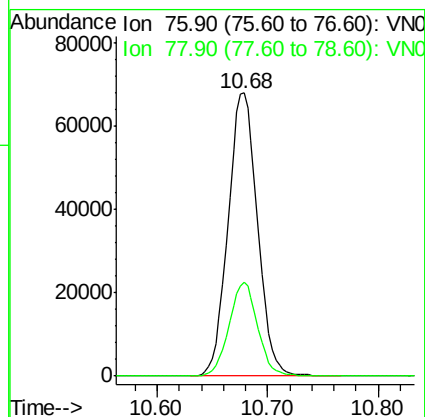
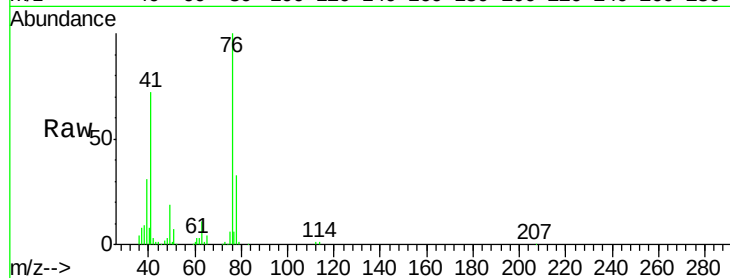
VSTDIC020

Tgt Ion: 76 Resp: 125873

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 97.317 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. -0.00 min

Lab File: VN063359.D

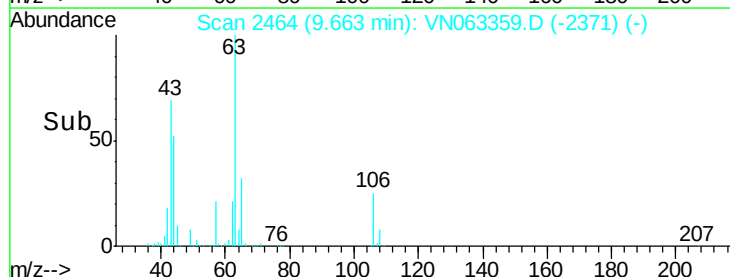
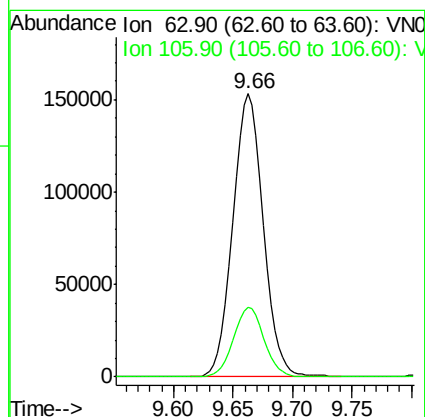
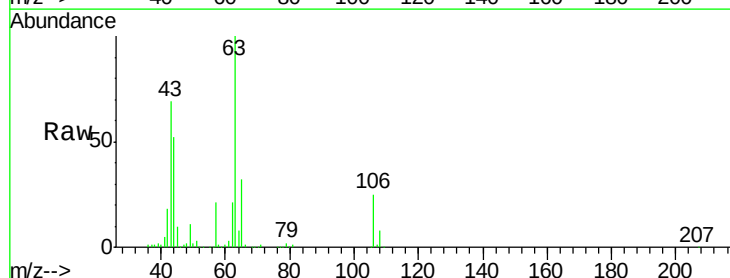
Acq: 16 Sep 2020 11:32

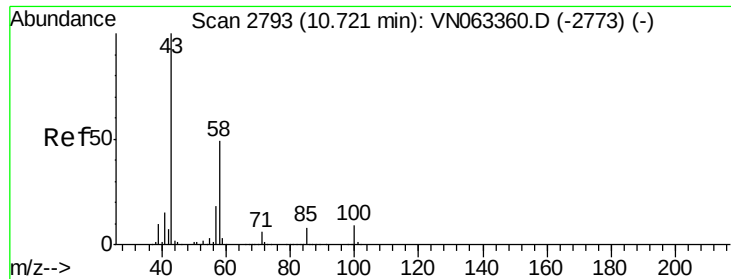
Tgt Ion: 63 Resp: 271990

Ion Ratio Lower Upper

63 100

106 24.7 19.5 29.3

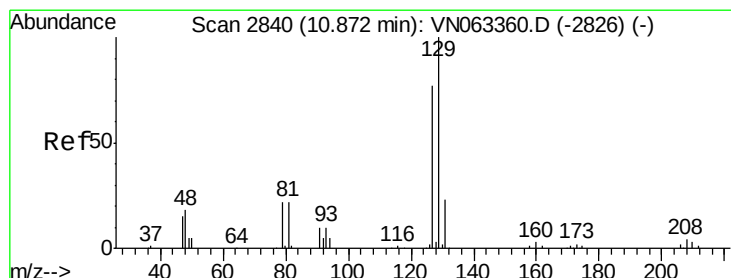
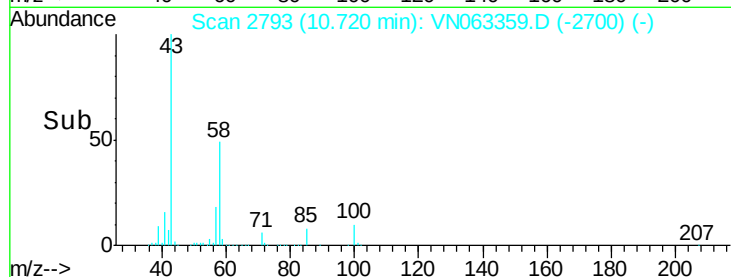
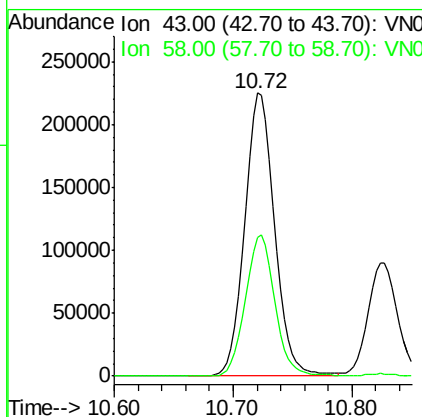
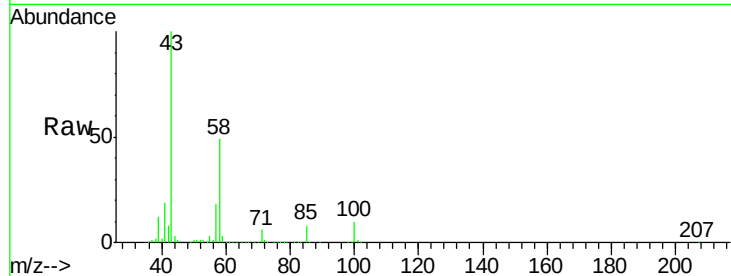




#59
2-Hexanone
Concen: 114.557 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN063359.D
Acq: 16 Sep 2020 11:32

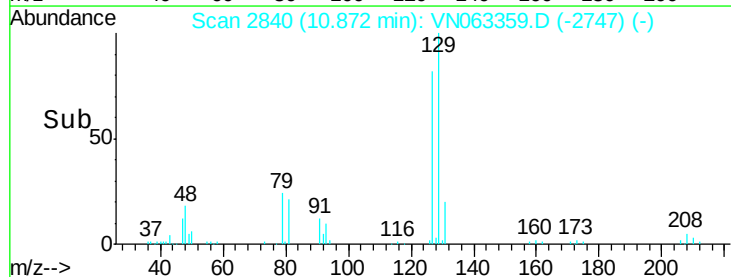
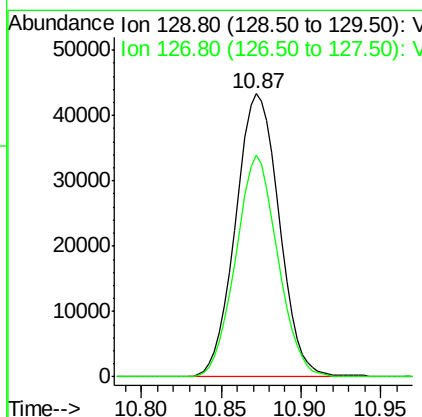
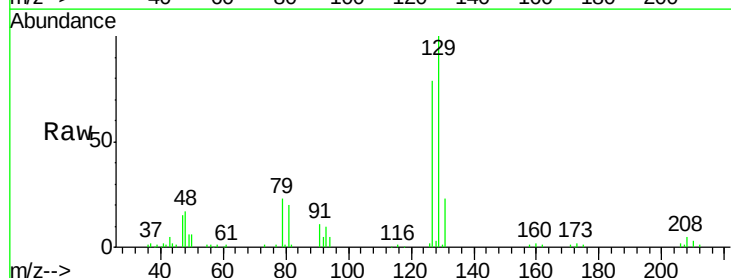
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

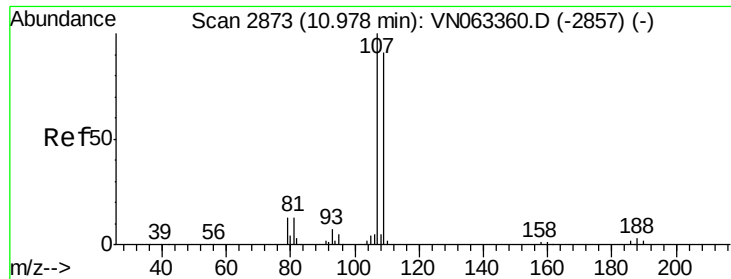
Tgt Ion: 43 Resp: 389490
Ion Ratio Lower Upper
43 100
58 49.3 24.7 74.1



#60
Dibromochloromethane
Concen: 21.416 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN063359.D
Acq: 16 Sep 2020 11:32

Tgt Ion: 129 Resp: 80549
Ion Ratio Lower Upper
129 100
127 75.3 39.1 117.3

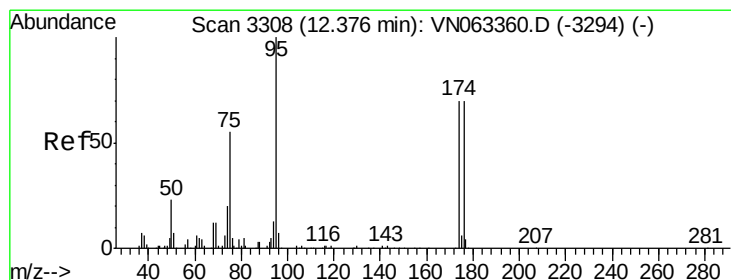
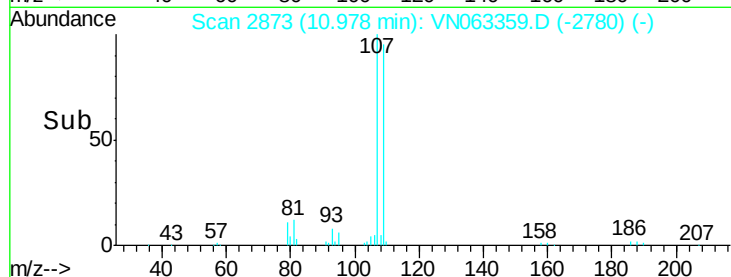
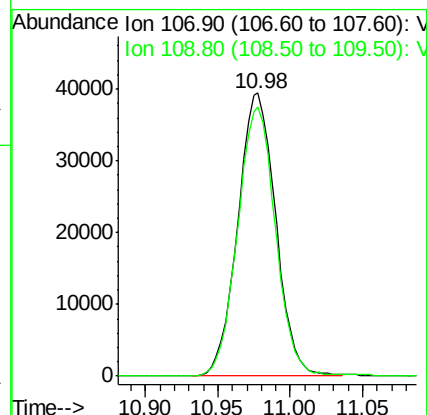
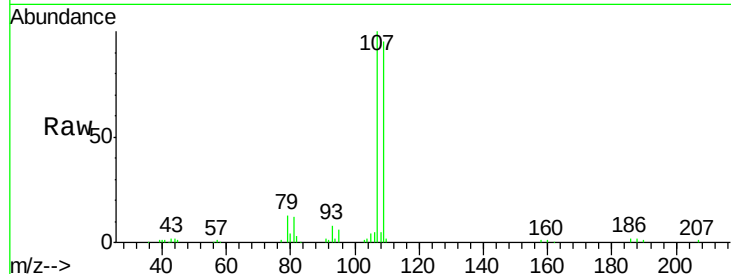




#61
 1,2-Dibromoethane
 Concen: 20.064 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. -0.00 min
 Lab File: VN063359.D
 Acq: 16 Sep 2020 11:32

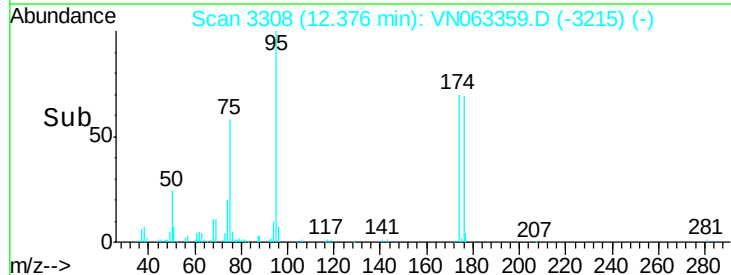
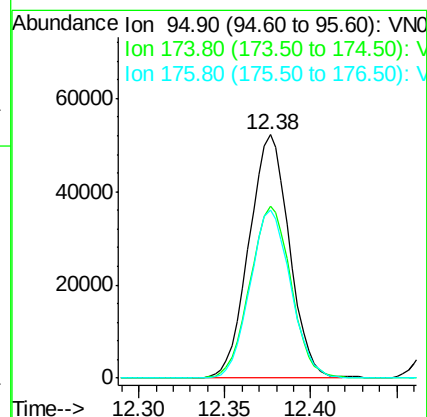
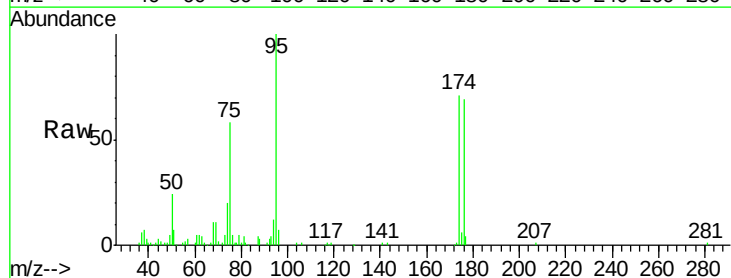
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

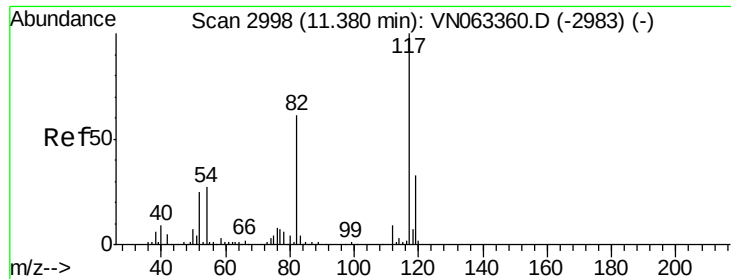
Tgt Ion: 107 Resp: 71628
 Ion Ratio Lower Upper
 107 100
 109 94.7 74.6 111.8



#62
 4-Bromofluorobenzene
 Concen: 19.222 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.00 min
 Lab File: VN063359.D
 Acq: 16 Sep 2020 11:32

Tgt Ion: 95 Resp: 85125
 Ion Ratio Lower Upper
 95 100
 174 71.8 0.0 140.8
 176 69.6 0.0 137.6

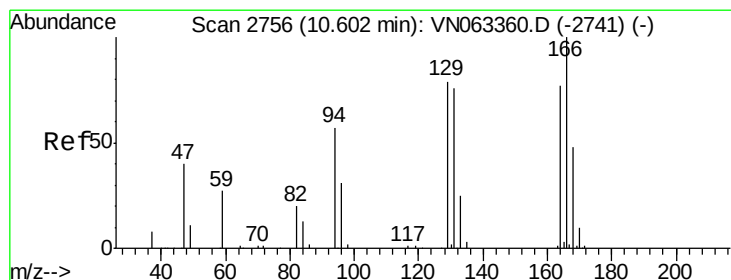
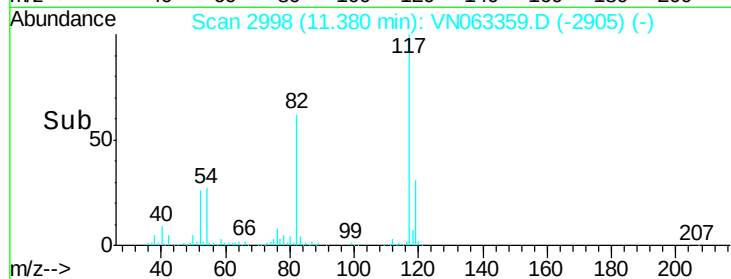
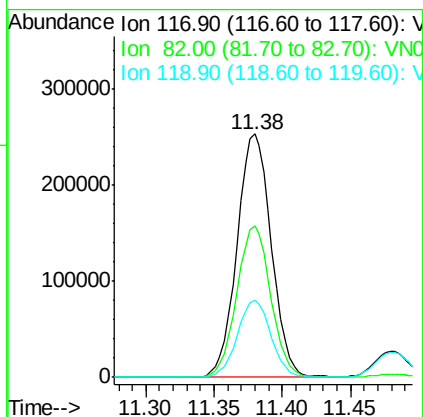
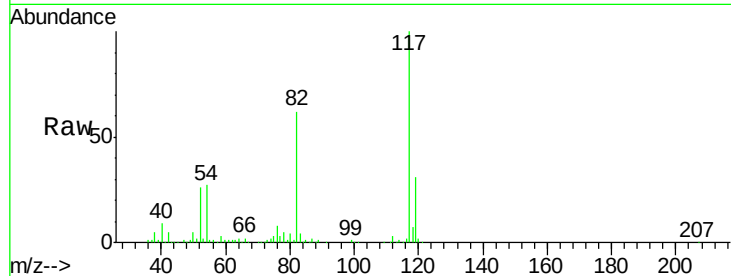




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063359.D
Acq: 16 Sep 2020 11:32

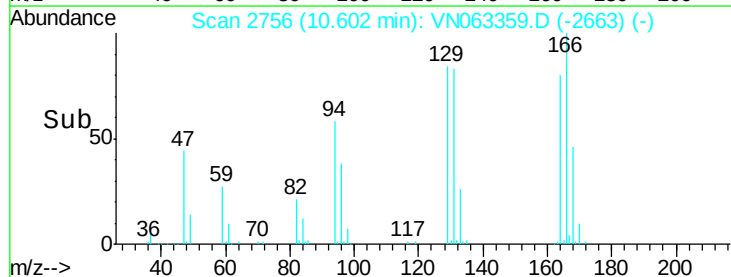
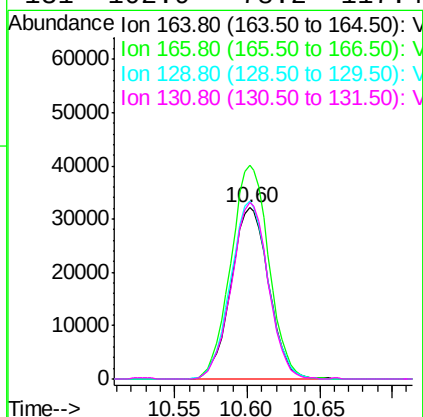
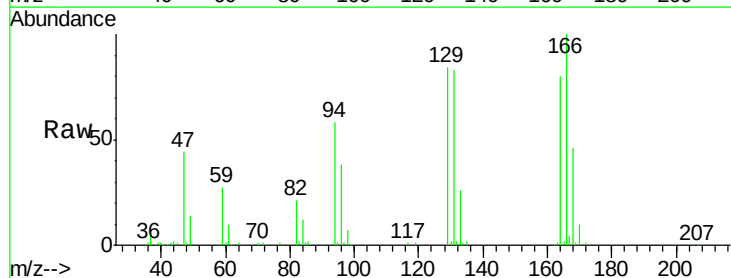
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

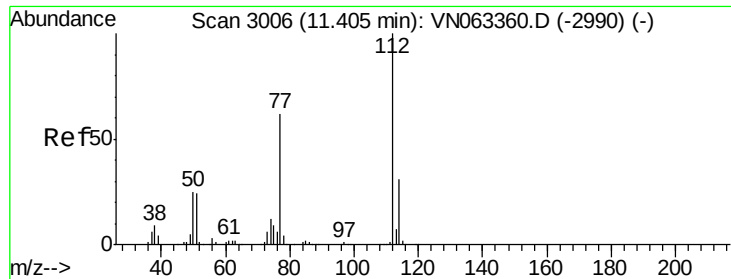
Tgt Ion:117 Resp: 441383
Ion Ratio Lower Upper
117 100
82 62.2 49.2 73.8
119 31.5 26.2 39.4



#64
Tetrachloroethene
Concen: 16.548 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN063359.D
Acq: 16 Sep 2020 11:32

Tgt Ion:164 Resp: 58199
Ion Ratio Lower Upper
164 100
166 124.6 103.4 155.0
129 104.1 81.8 122.6
131 102.9 78.2 117.4

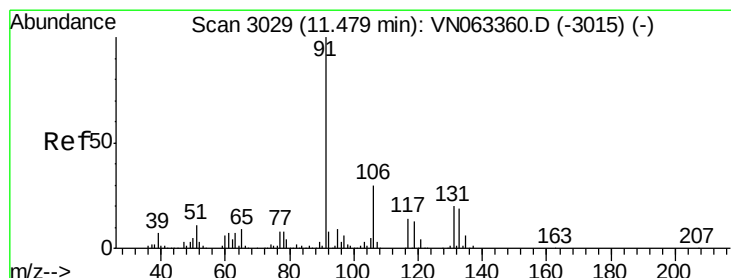
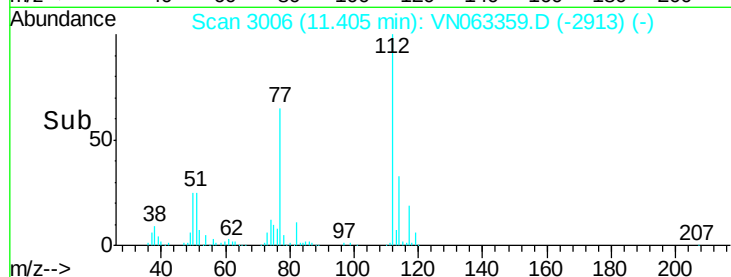
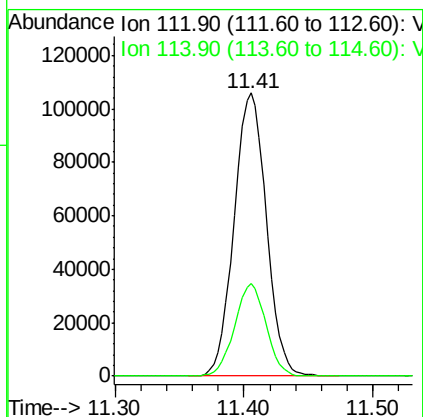
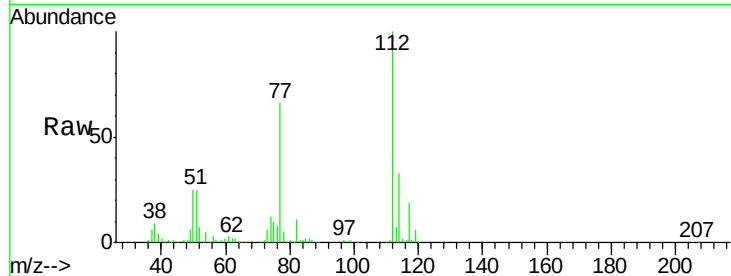




#65
Chlorobenzene
Concen: 19.339 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN063359.D
Acq: 16 Sep 2020 11:32

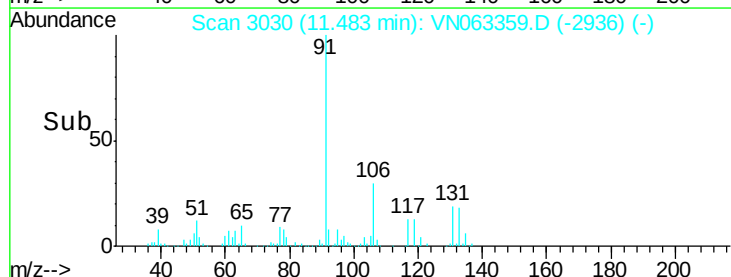
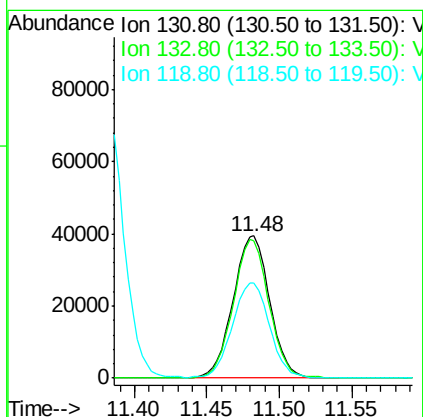
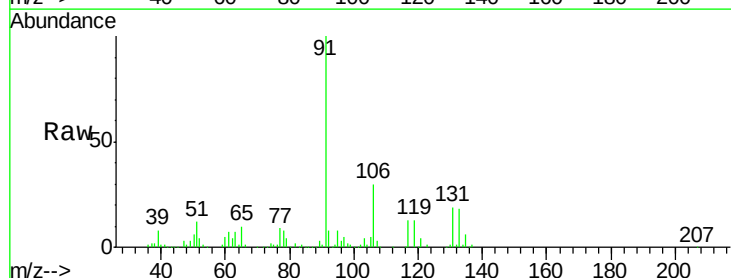
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

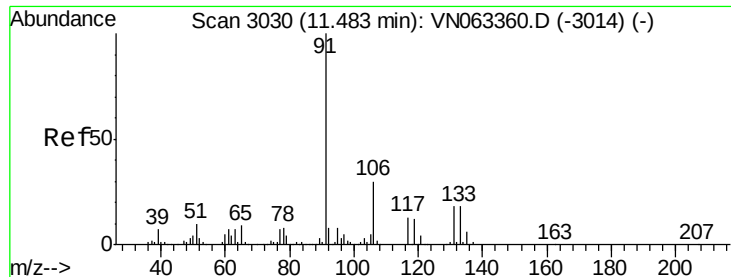
Tgt Ion:112 Resp: 184201
Ion Ratio Lower Upper
112 100
114 32.7 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.935 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063359.D
Acq: 16 Sep 2020 11:32

Tgt Ion:131 Resp: 69304
Ion Ratio Lower Upper
131 100
133 95.0 47.3 141.9
119 68.0 33.6 100.8

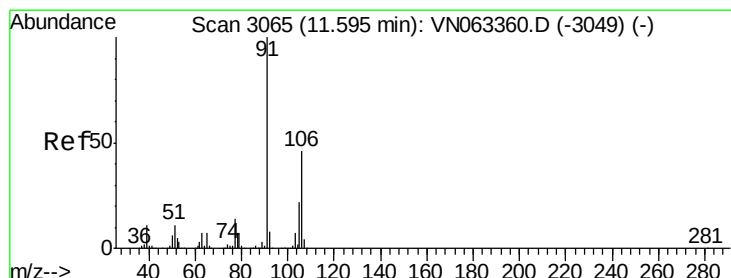
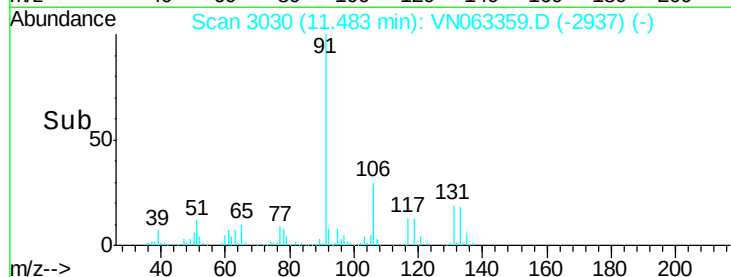
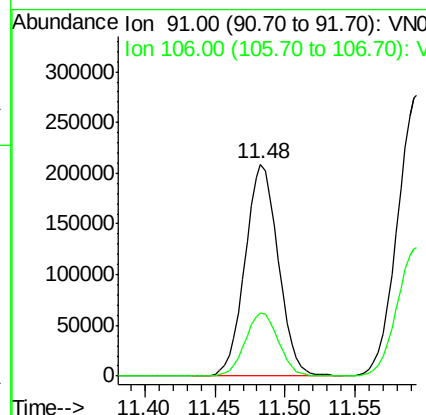
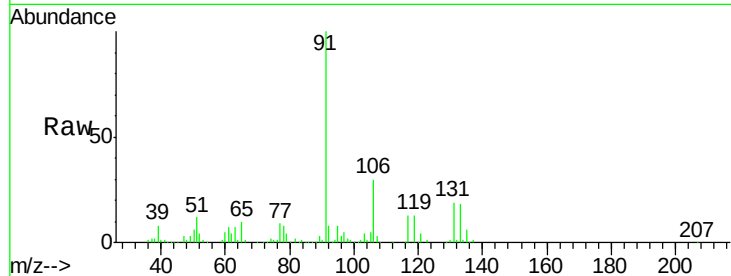




#67
Ethyl Benzene
Concen: 20.212 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN063359.D
Acq: 16 Sep 2020 11:32

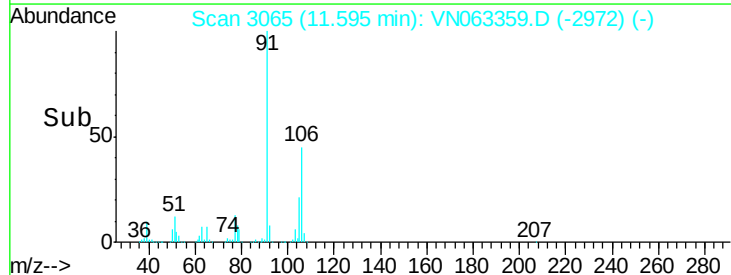
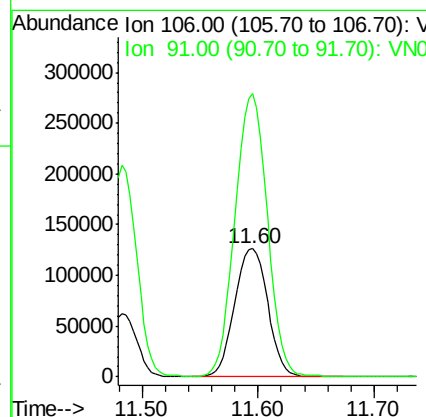
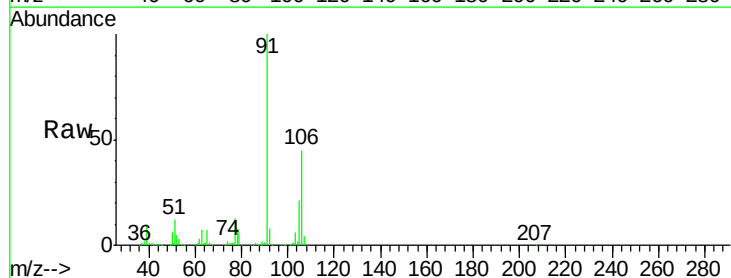
Instrument :
MSVOA_N
ClientSampled :
VSTDIC020

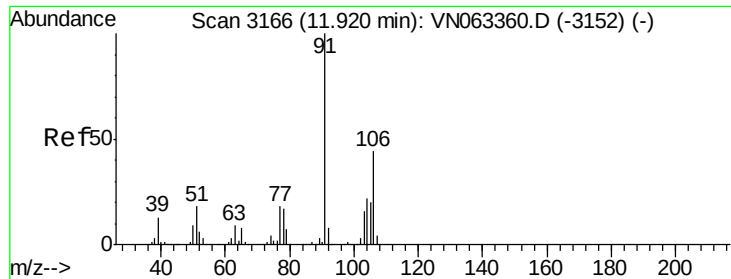
Tgt Ion: 91 Resp: 346677
Ion Ratio Lower Upper
91 100
106 30.0 23.8 35.6



#68
m/p-Xylenes
Concen: 39.566 ug/l
RT: 11.60 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN063359.D
Acq: 16 Sep 2020 11:32

Tgt Ion: 106 Resp: 251299
Ion Ratio Lower Upper
106 100
91 213.6 171.2 256.8

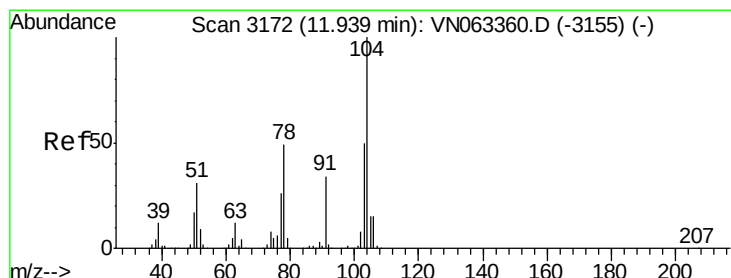
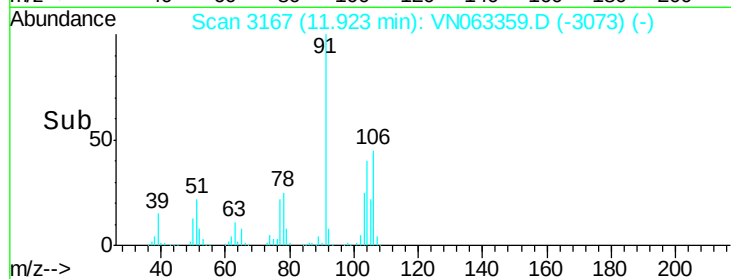
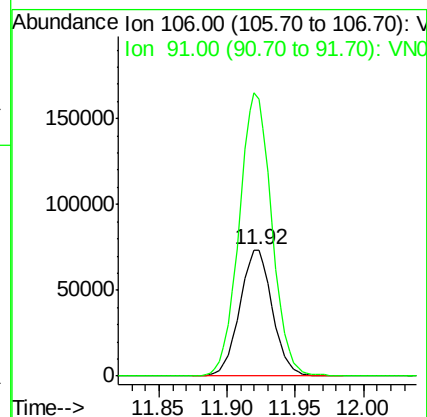
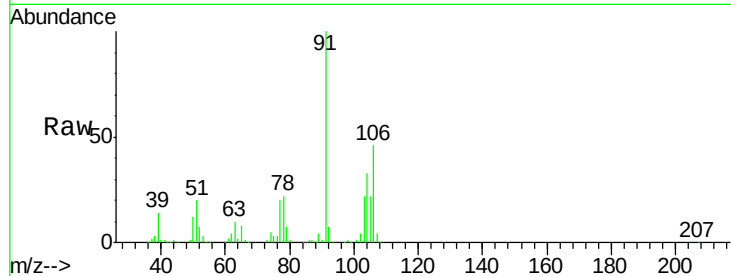




#69
o-Xylene
Concen: 20.070 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063359.D
Acq: 16 Sep 2020 11:32

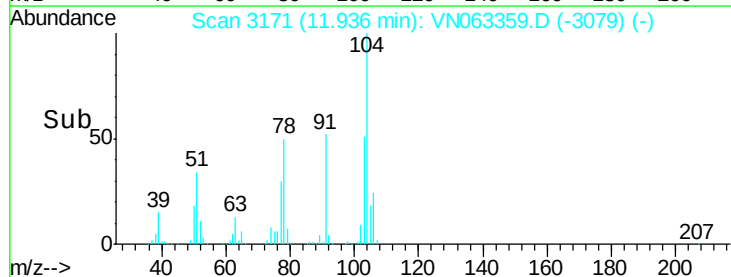
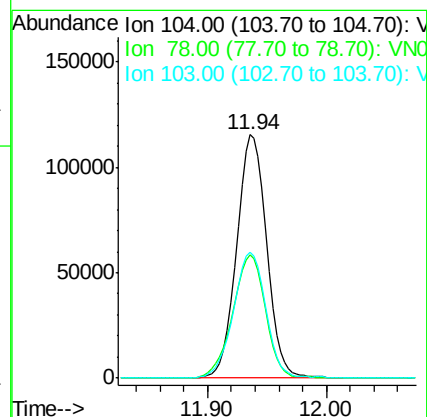
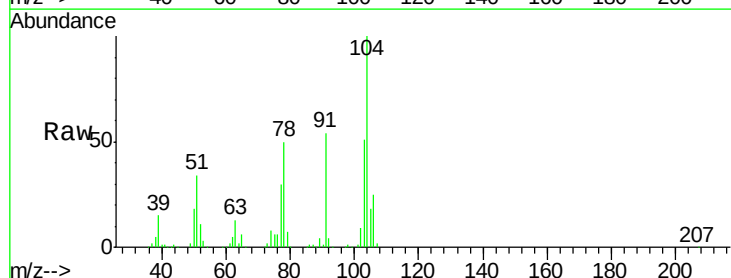
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

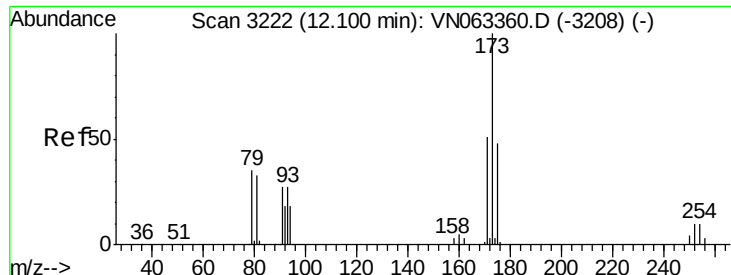
Tgt Ion:106 Resp: 122014
Ion Ratio Lower Upper
106 100
91 224.6 113.6 340.8



#70
Styrene
Concen: 19.927 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN063359.D
Acq: 16 Sep 2020 11:32

Tgt Ion:104 Resp: 202048
Ion Ratio Lower Upper
104 100
78 55.3 44.4 66.6
103 55.7 43.7 65.5





#71

Bromoform

Concen: 20.804 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. -0.00 min

Lab File: VN063359.D

Acq: 16 Sep 2020 11:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

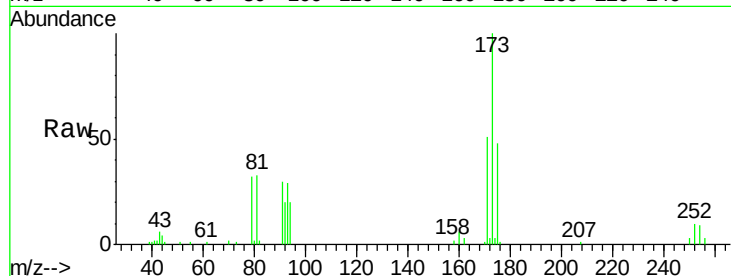
Tgt Ion:173 Resp: 50682

Ion Ratio Lower Upper

173 100

175 48.1 24.0 72.0

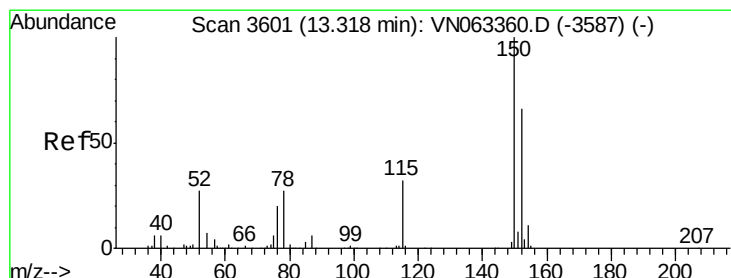
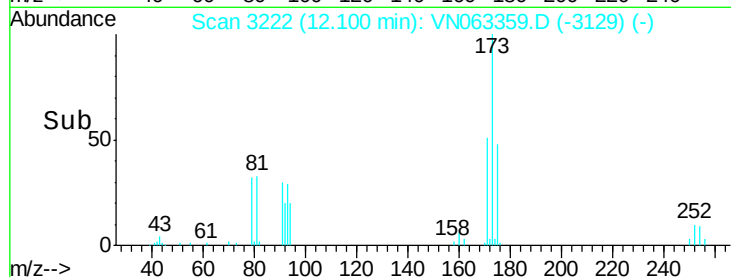
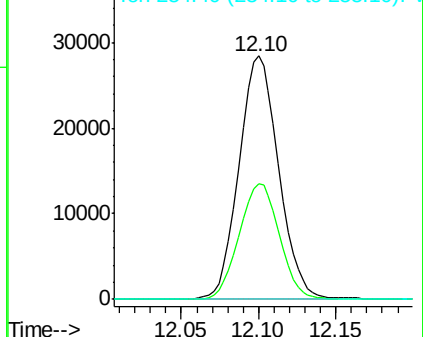
254 0.0 0.0 0.0



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: VN063359.D

Acq: 16 Sep 2020 11:32

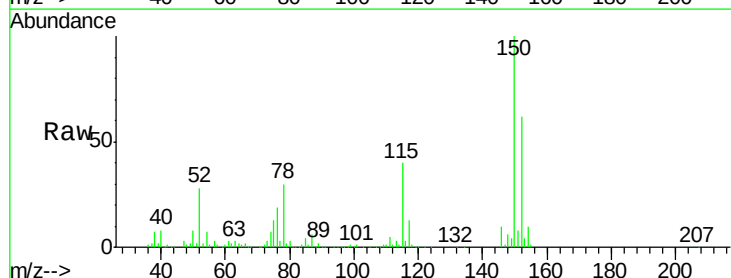
Tgt Ion:152 Resp: 201031

Ion Ratio Lower Upper

152 100

115 64.2 32.2 96.6

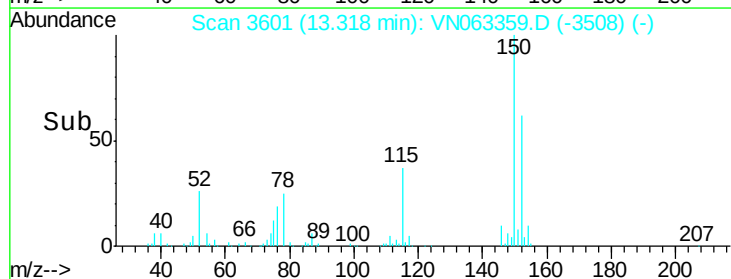
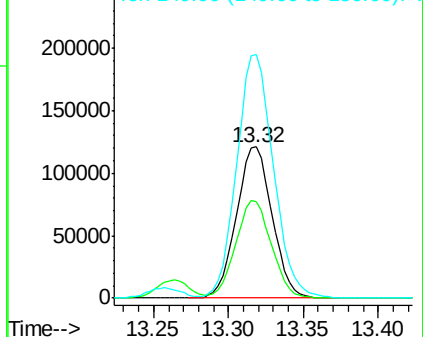
150 165.7 0.0 343.4

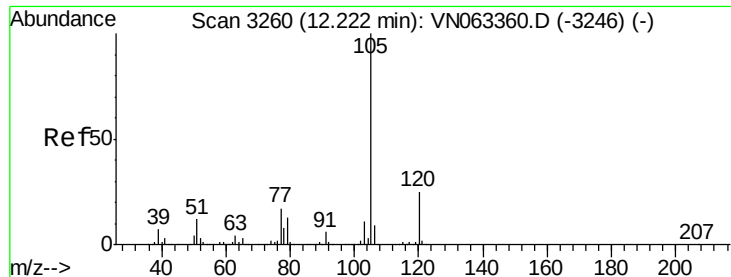


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

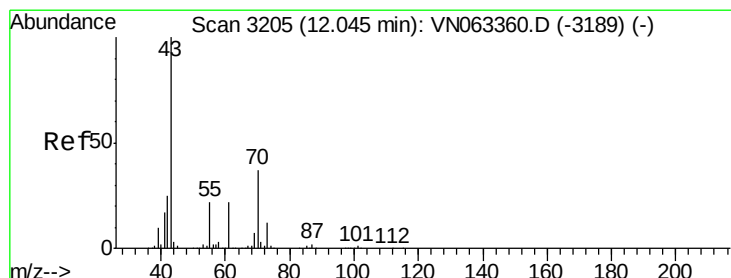
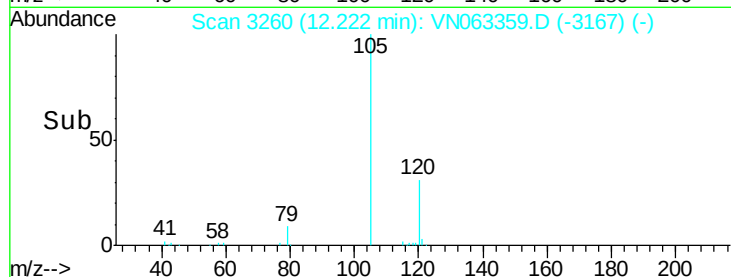
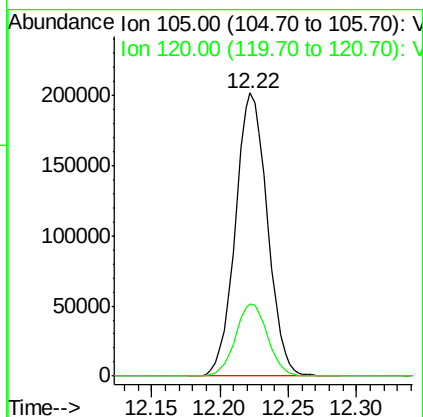
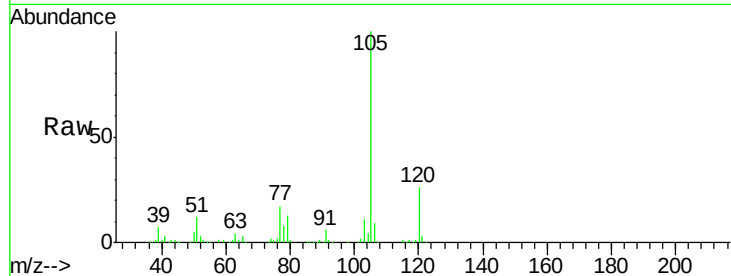




#73
Isopropylbenzene
Concen: 20.217 ug/l
RT: 12.22 min Scan# 3260
Delta R.T. -0.00 min
Lab File: VN063359.D
Acq: 16 Sep 2020 11:32

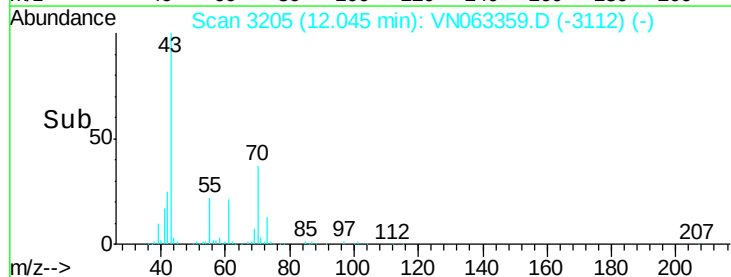
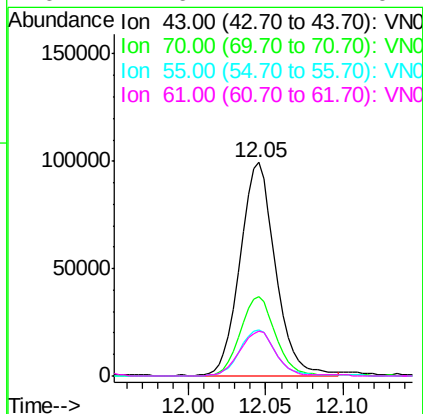
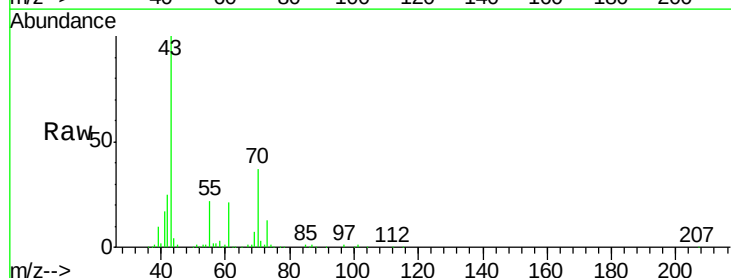
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

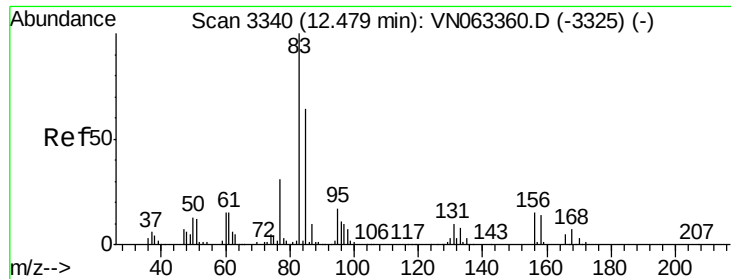
Tgt Ion: 105 Resp: 327789
Ion Ratio Lower Upper
105 100
120 25.5 12.7 38.0



#74
N-ethyl acetate
Concen: 23.378 ug/l
RT: 12.05 min Scan# 3205
Delta R.T. -0.00 min
Lab File: VN063359.D
Acq: 16 Sep 2020 11:32

Tgt Ion: 43 Resp: 157246
Ion Ratio Lower Upper
43 100
70 37.4 29.6 44.4
55 22.3 17.7 26.5
61 21.6 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 22.746 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063359.D

Acq: 16 Sep 2020 11:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

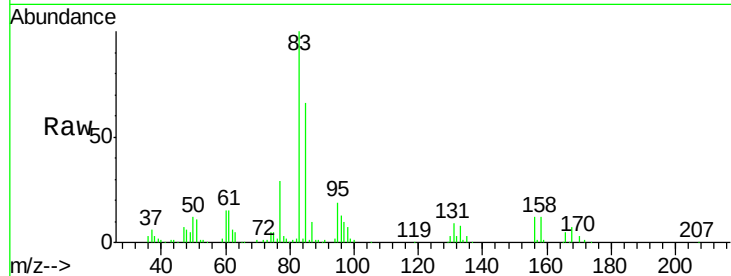
Tgt Ion: 83 Resp: 106826

Ion Ratio Lower Upper

83 100

131 9.0 4.9 14.7

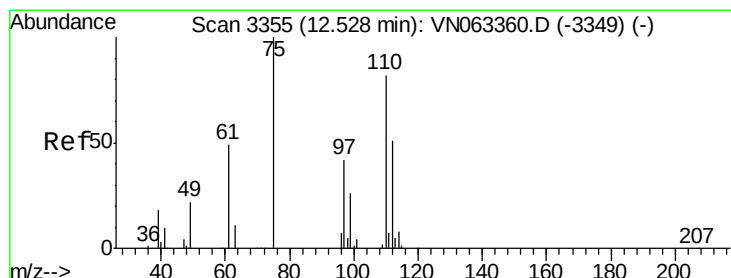
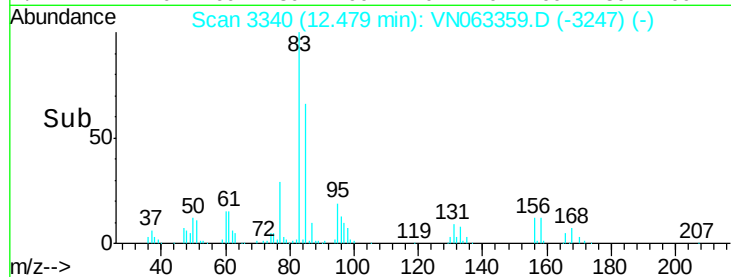
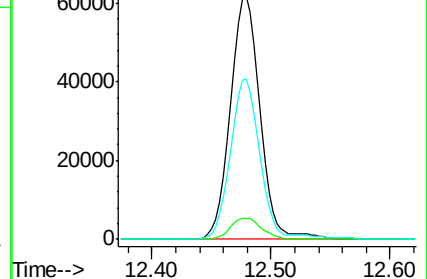
85 64.1 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VN063360.D (-3325) (-)

Ion 130.80 (130.50 to 131.50): VN063360.D (-3325) (-)

Ion 84.90 (84.60 to 85.60): VN063360.D (-3325) (-)



#76

1,2,3-Trichloropropane

Concen: 31.880 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. -0.00 min

Lab File: VN063359.D

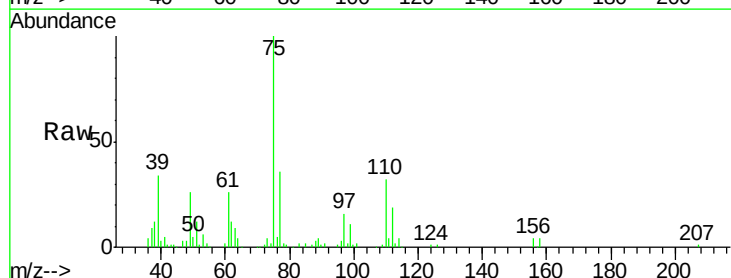
Acq: 16 Sep 2020 11:32

Tgt Ion: 75 Resp: 144205

Ion Ratio Lower Upper

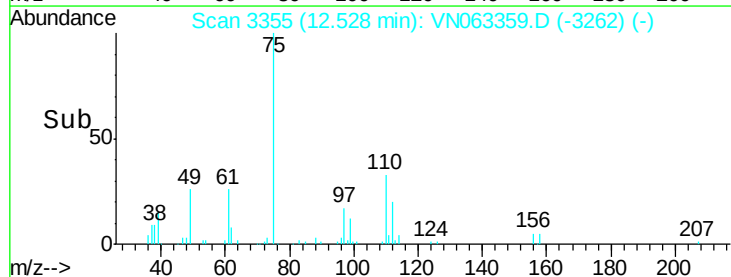
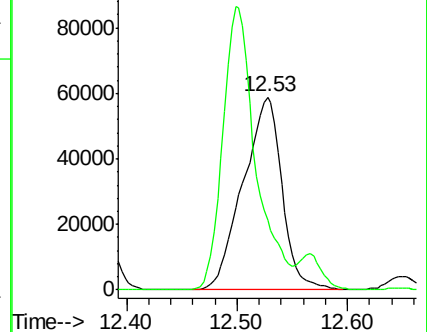
75 100

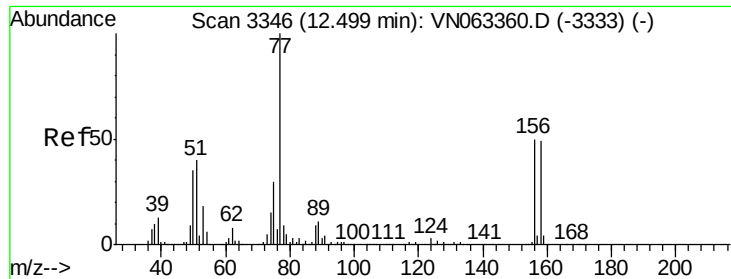
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN063360.D (-3349) (-)

Ion 77.00 (76.70 to 77.70): VN063360.D (-3349) (-)





#77

Bromobenzene

Concen: 19.641 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN063359.D

Acq: 16 Sep 2020 11:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

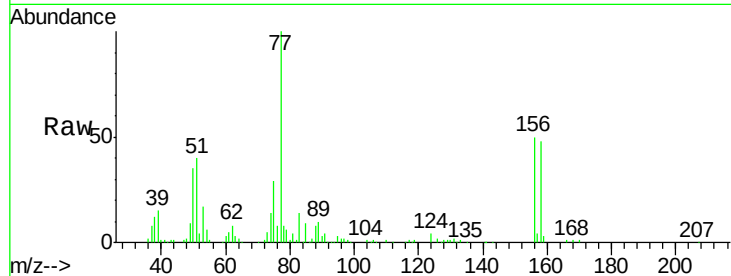
Tgt Ion:156 Resp: 73127

Ion Ratio Lower Upper

156 100

77 244.7 120.2 360.6

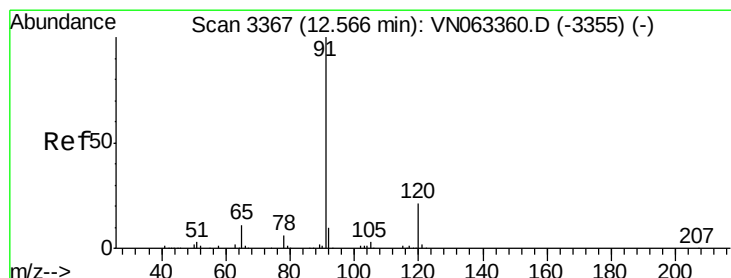
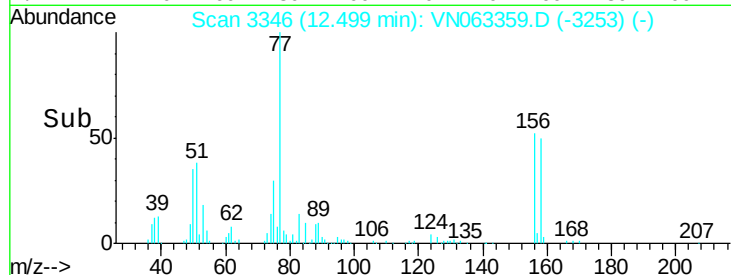
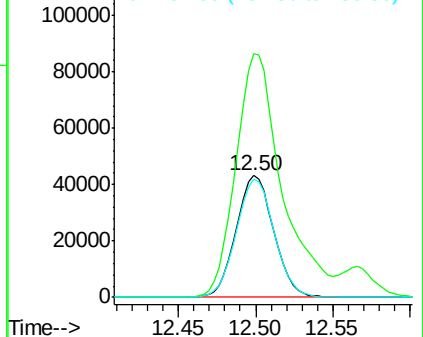
158 97.9 48.9 146.6



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: 20.663 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063359.D

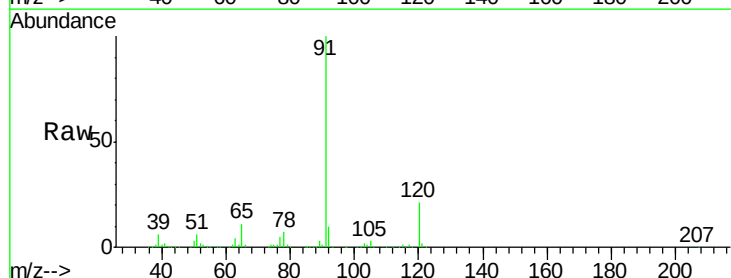
Acq: 16 Sep 2020 11:32

Tgt Ion: 91 Resp: 379989

Ion Ratio Lower Upper

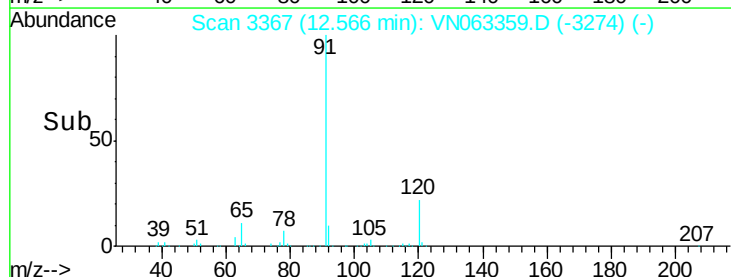
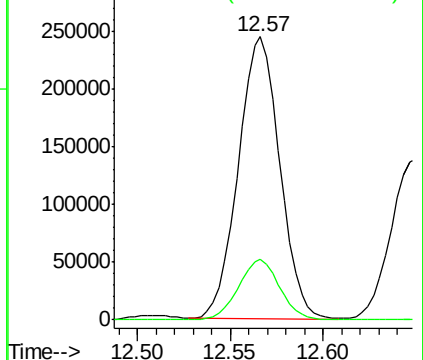
91 100

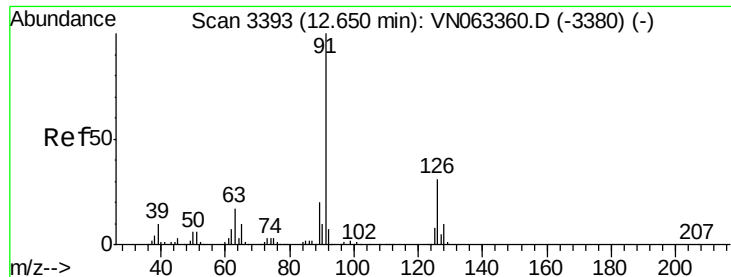
120 21.3 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.351 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. -0.00 min

Lab File: VN063359.D

Acq: 16 Sep 2020 11:32

Instrument :

MSVOA_N

ClientSampled :

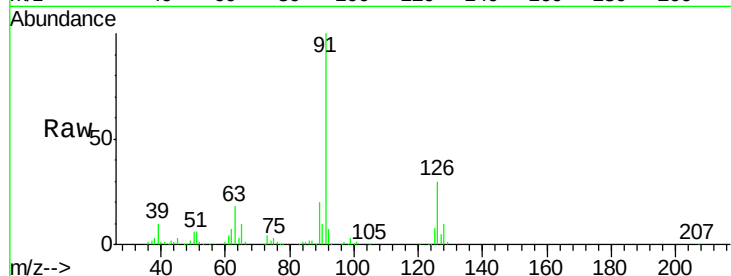
VSTDIC020

Tgt Ion: 91 Resp: 230076

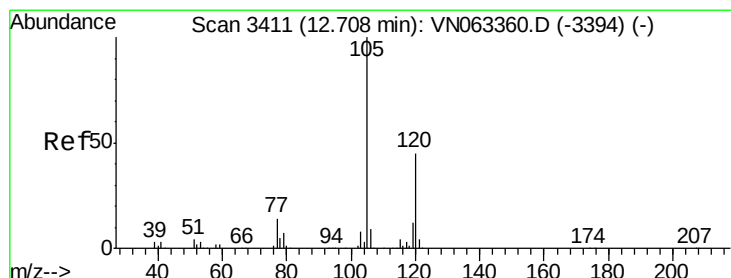
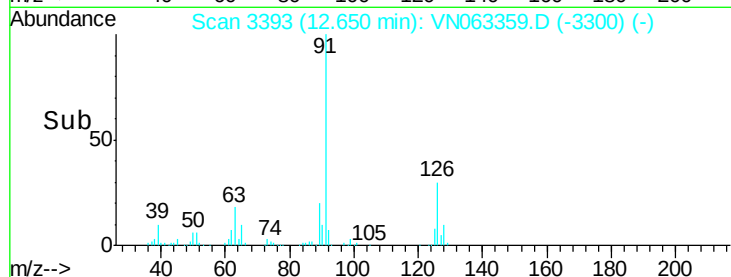
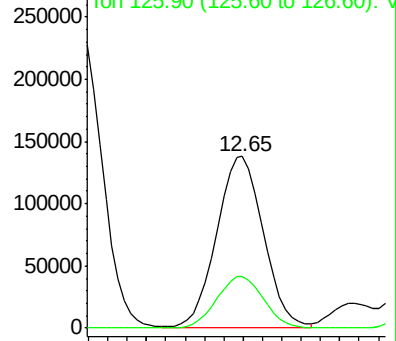
Ion Ratio Lower Upper

91 100

126 30.6 15.8 47.3



Abundance Ion 91.00 (90.70 to 91.70): VN063360.D (-3380) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.465 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN063359.D

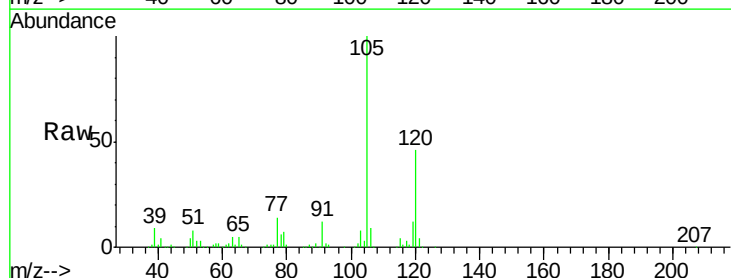
Acq: 16 Sep 2020 11:32

Tgt Ion: 105 Resp: 275634

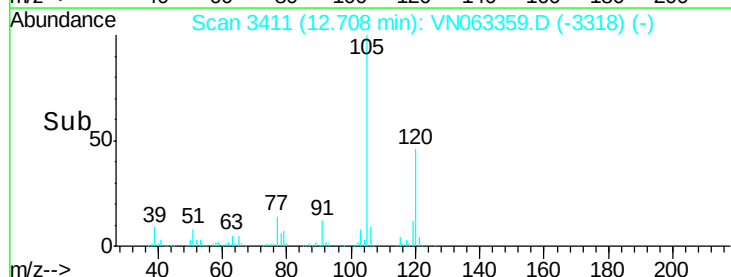
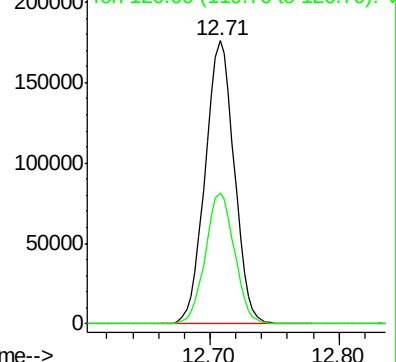
Ion Ratio Lower Upper

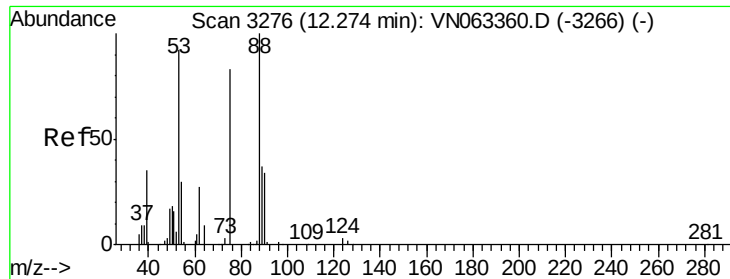
105 100

120 46.3 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): VN063360.D (-3394) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 22.422 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN063359.D

Acq: 16 Sep 2020 11:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

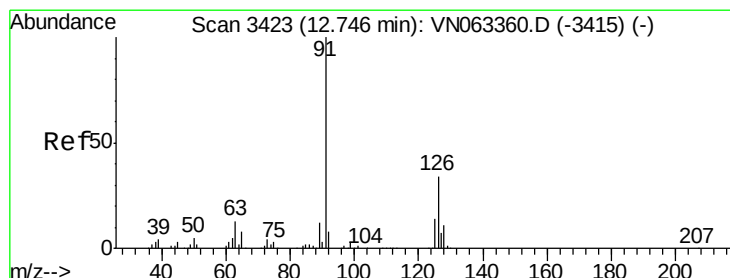
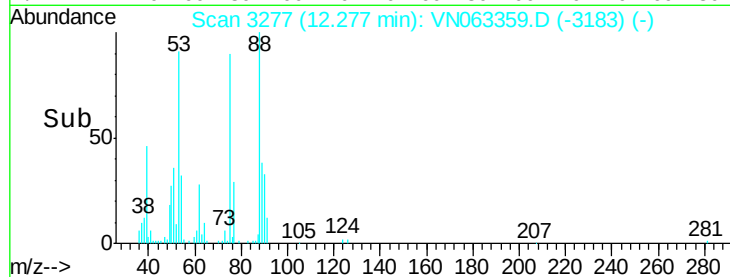
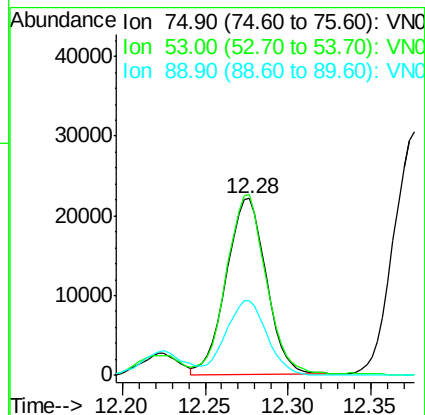
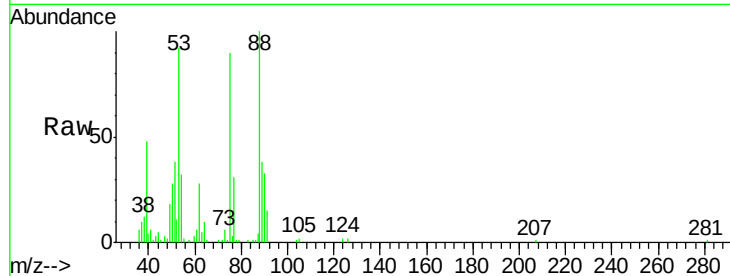
Tgt Ion: 75 Resp: 37371

Ion Ratio Lower Upper

75 100

53 100.6 85.7 128.5

89 43.1 38.0 57.0



#82

4-Chlorotoluene

Concen: 20.078 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. -0.00 min

Lab File: VN063359.D

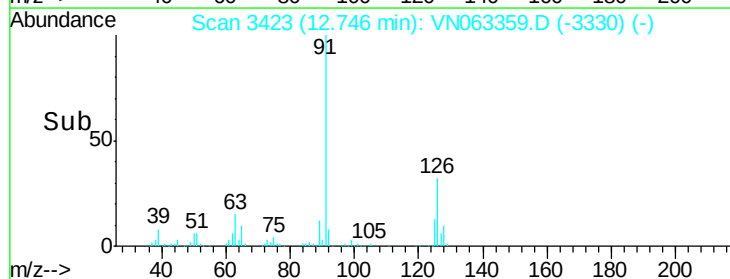
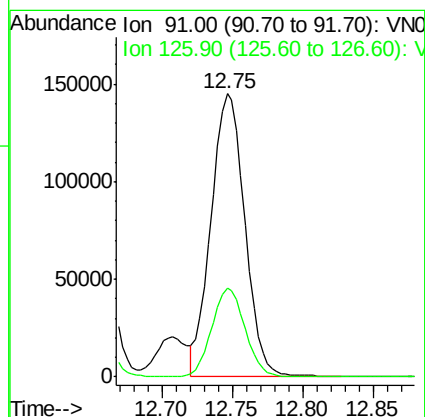
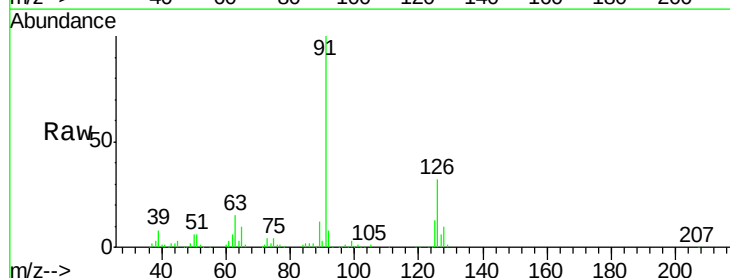
Acq: 16 Sep 2020 11:32

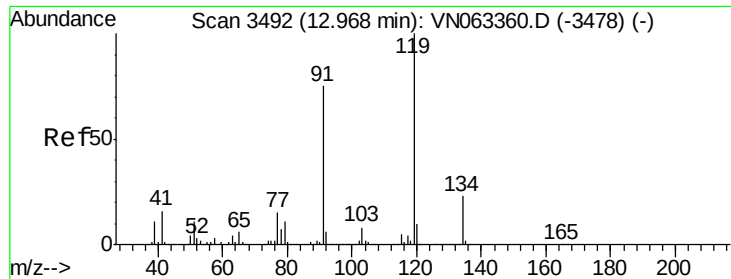
Tgt Ion: 91 Resp: 238612

Ion Ratio Lower Upper

91 100

126 31.2 15.5 46.5

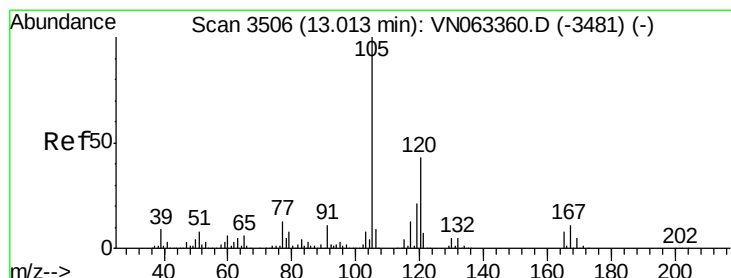
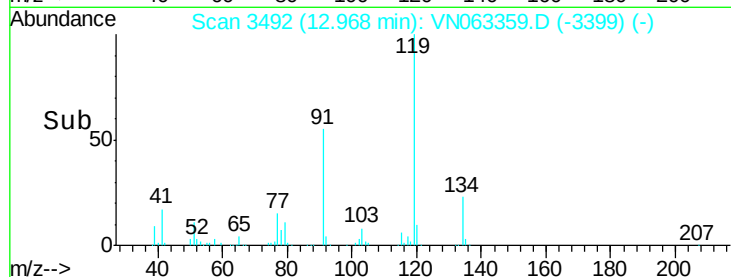
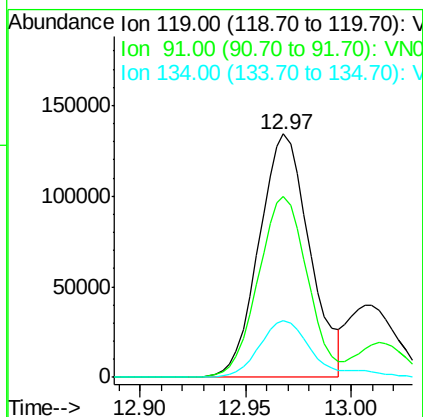
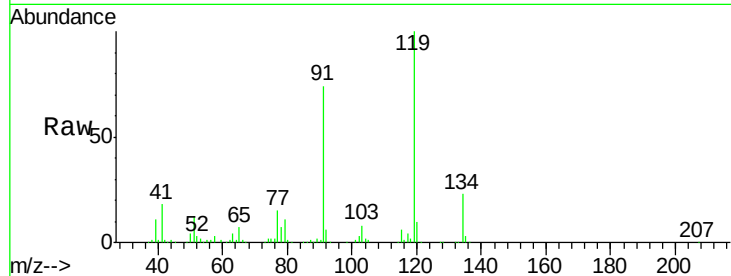




#83
 tert-Butylbenzene
 Concen: 19.677 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. -0.00 min
 Lab File: VN063359.D
 Acq: 16 Sep 2020 11:32

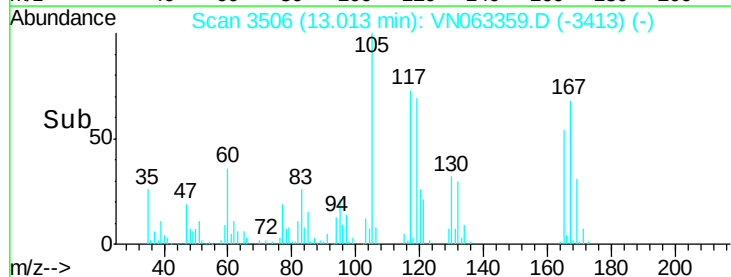
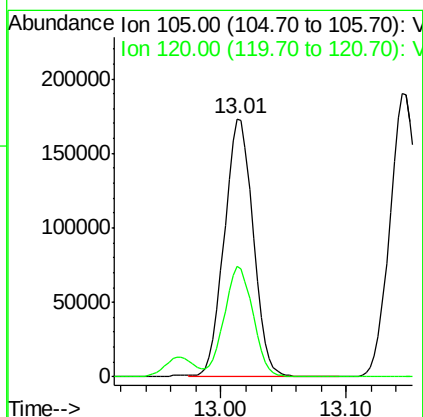
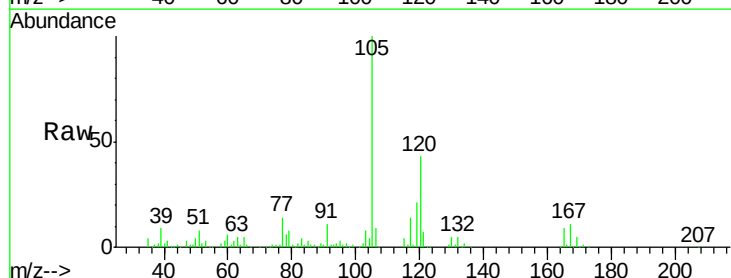
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC020

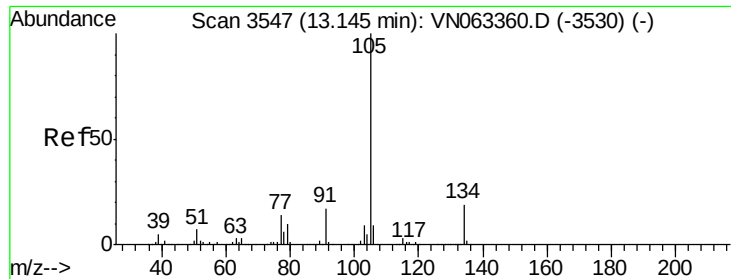
Tgt Ion:119 Resp: 224132
 Ion Ratio Lower Upper
 119 100
 91 73.0 36.3 108.9
 134 25.1 12.3 36.8



#84
 1,2,4-Trimethylbenzene
 Concen: 20.244 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. -0.00 min
 Lab File: VN063359.D
 Acq: 16 Sep 2020 11:32

Tgt Ion:105 Resp: 274995
 Ion Ratio Lower Upper
 105 100
 120 43.2 21.3 63.9

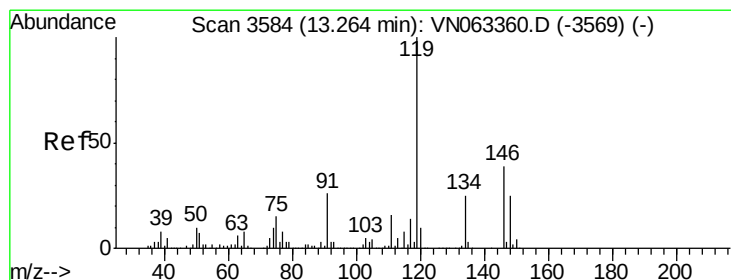
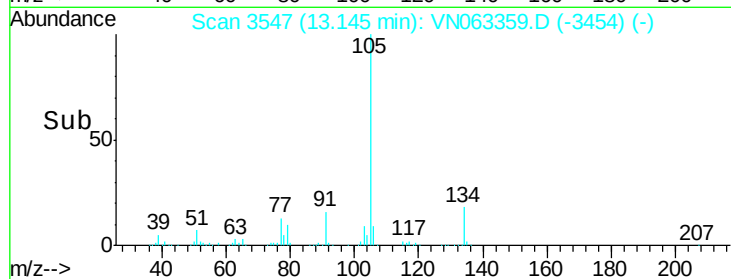
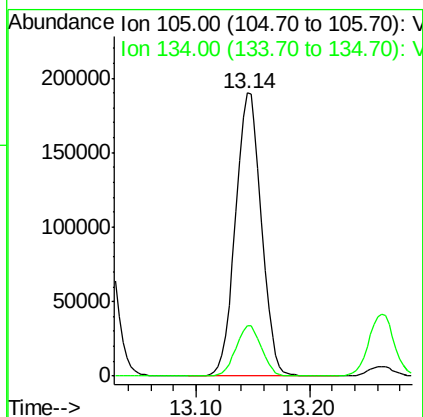
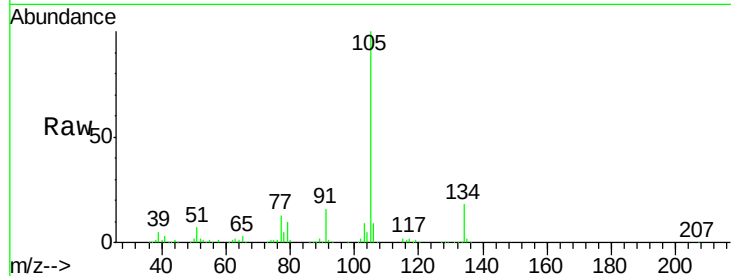




#85
 sec-Butylbenzene
 Concen: 20.801 ug/l
 RT: 13.14 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN063359.D
 Acq: 16 Sep 2020 11:32

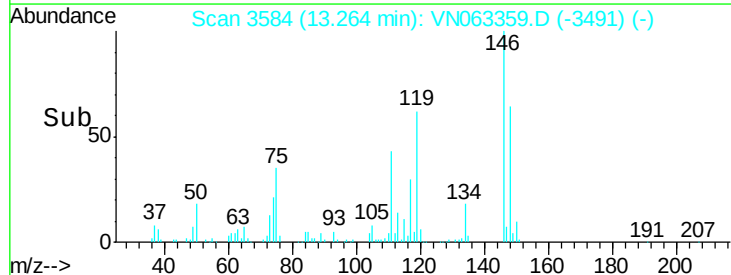
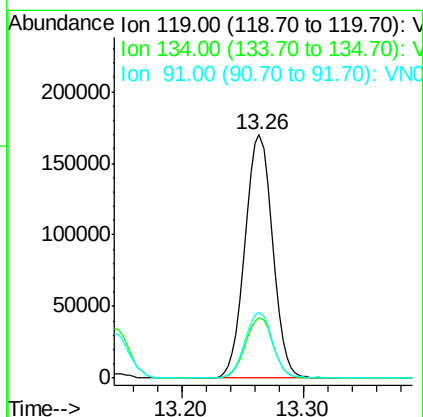
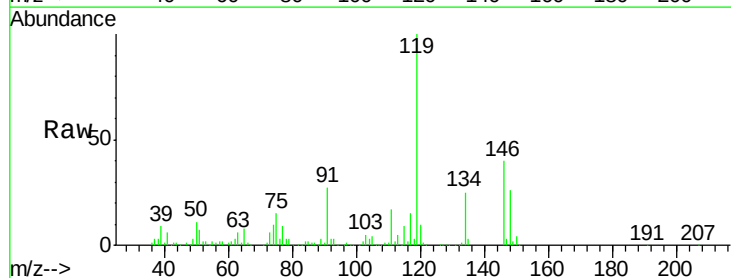
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

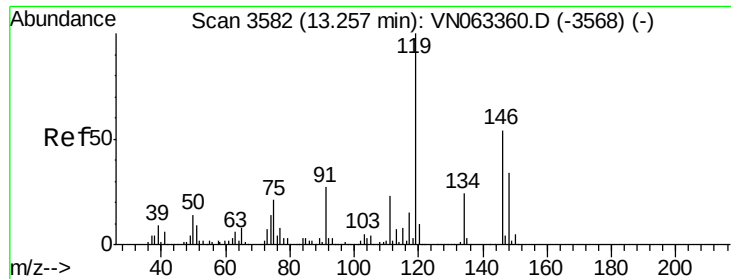
Tgt Ion:105 Resp: 302110
 Ion Ratio Lower Upper
 105 100
 134 17.7 9.3 27.7



#86
 p-Isopropyltoluene
 Concen: 19.790 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. -0.00 min
 Lab File: VN063359.D
 Acq: 16 Sep 2020 11:32

Tgt Ion:119 Resp: 262937
 Ion Ratio Lower Upper
 119 100
 134 24.8 12.5 37.5
 91 27.0 13.4 40.1

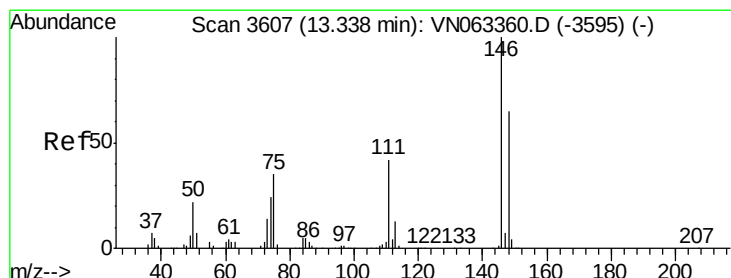
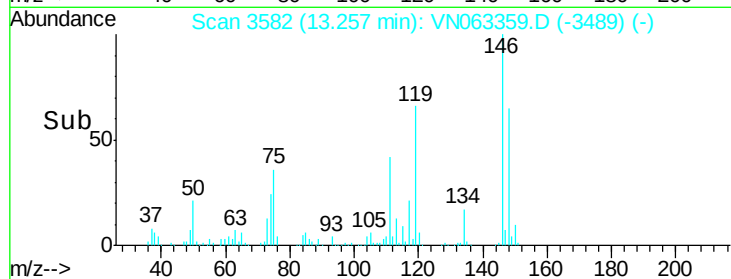
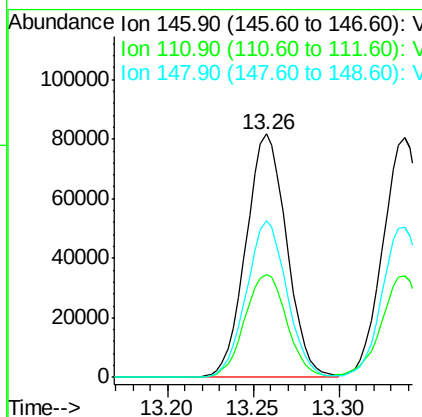
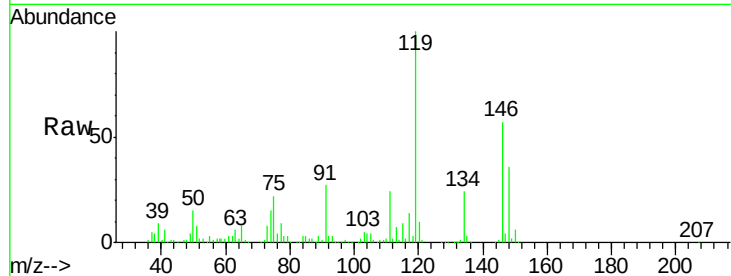




#87
 1,3-Dichlorobenzene
 Concen: 19.788 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN063359.D
 Acq: 16 Sep 2020 11:32

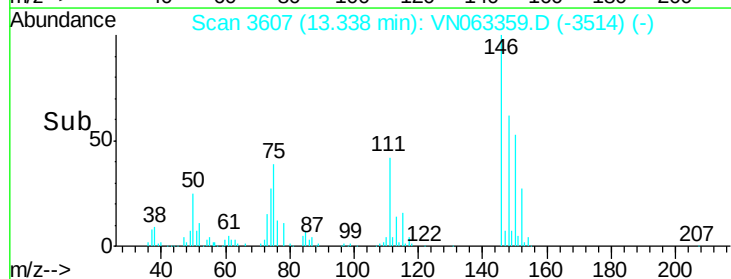
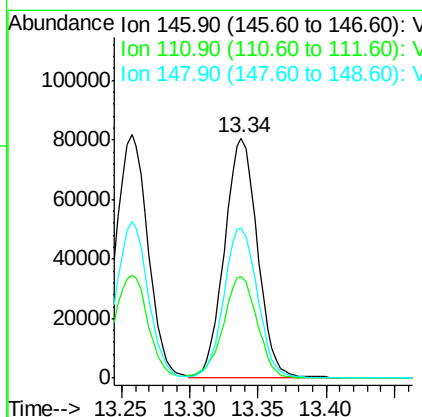
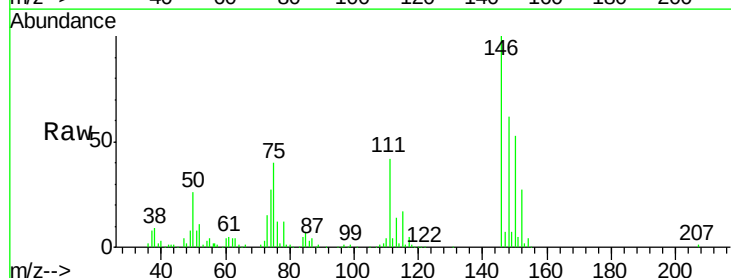
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

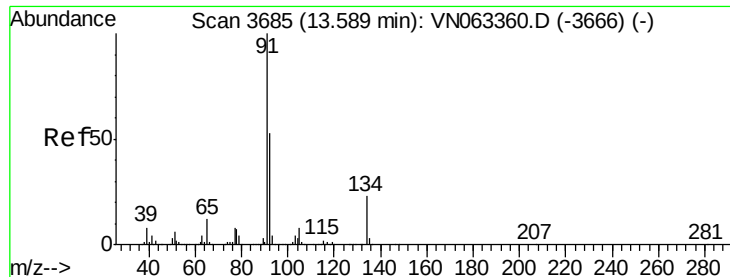
Tgt Ion:146 Resp: 134771
 Ion Ratio Lower Upper
 146 100
 111 43.5 21.4 64.3
 148 63.8 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 19.048 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. -0.00 min
 Lab File: VN063359.D
 Acq: 16 Sep 2020 11:32

Tgt Ion:146 Resp: 135042
 Ion Ratio Lower Upper
 146 100
 111 43.4 21.2 63.6
 148 63.5 31.9 95.9

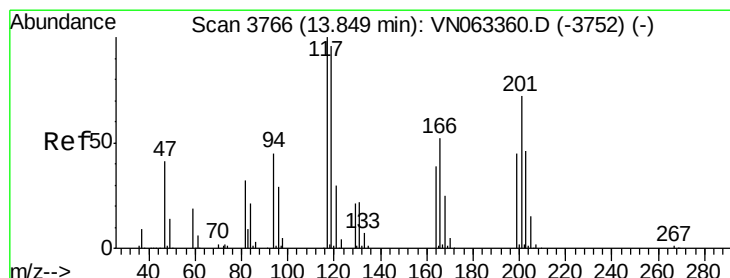
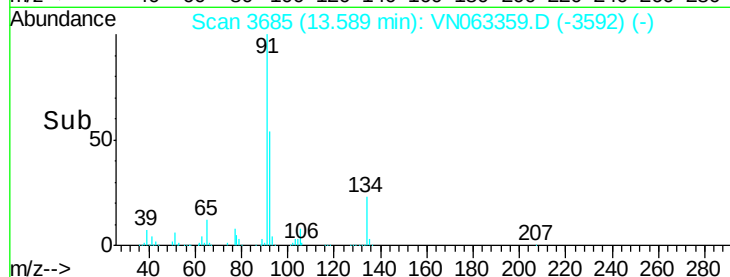
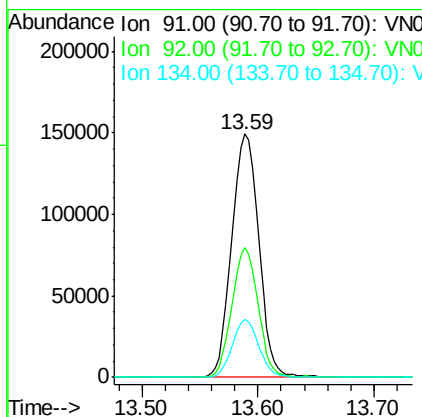
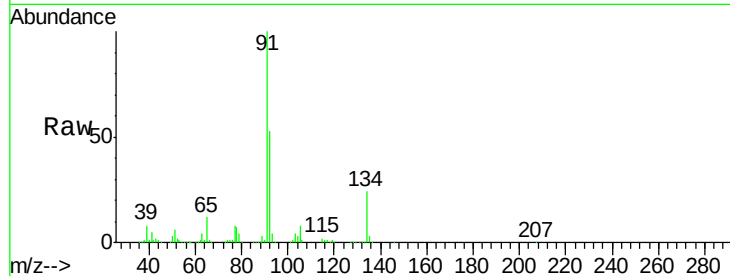




#89
n-Butylbenzene
Concen: 20.075 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN063359.D
Acq: 16 Sep 2020 11:32

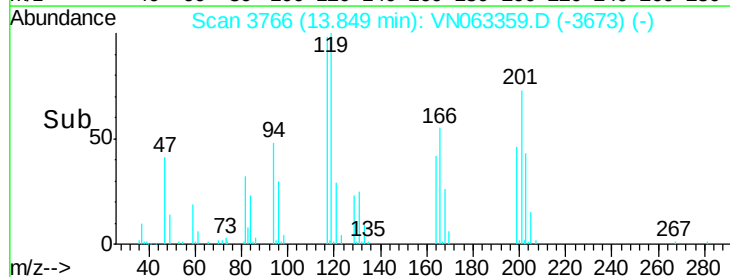
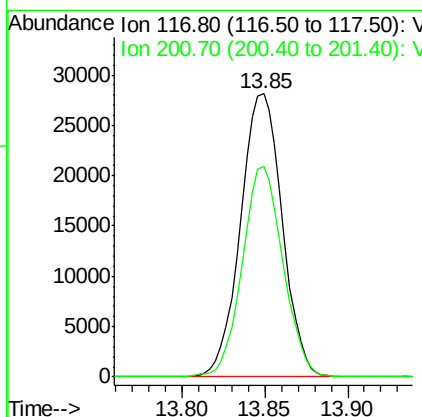
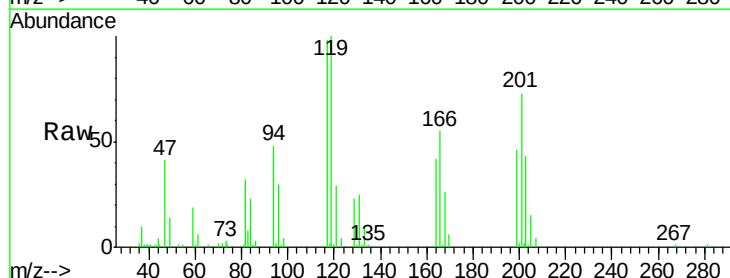
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

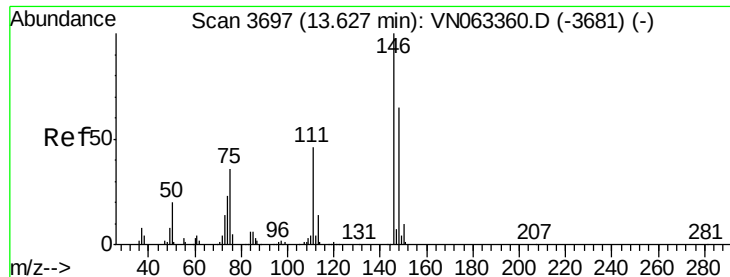
Tgt Ion: 91 Resp: 241143
Ion Ratio Lower Upper
91 100
92 51.0 26.0 78.0
134 23.1 11.7 35.0



#90
Hexachloroethane
Concen: 22.226 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. -0.00 min
Lab File: VN063359.D
Acq: 16 Sep 2020 11:32

Tgt Ion: 117 Resp: 49212
Ion Ratio Lower Upper
117 100
201 72.3 35.5 106.7

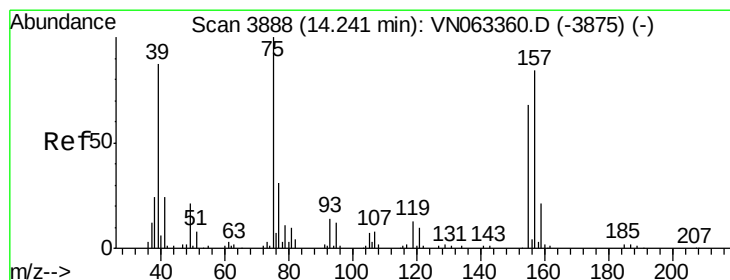
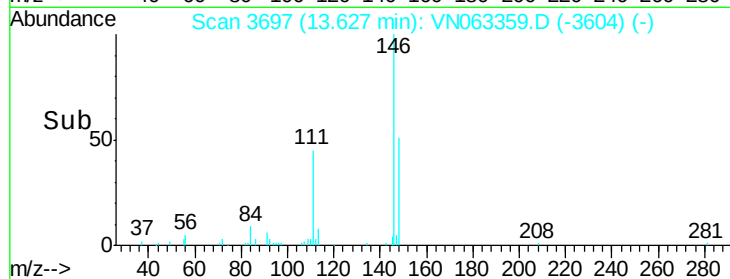
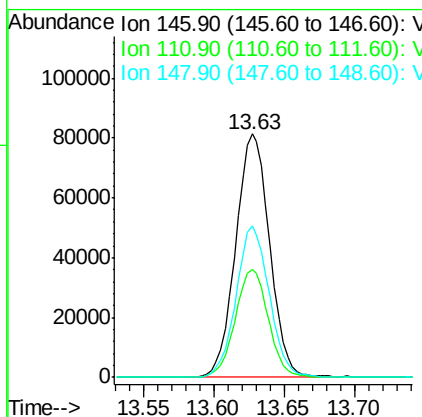
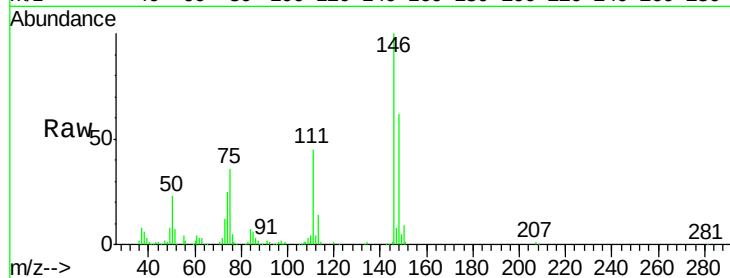




#91
 1,2-Dichlorobenzene
 Concen: 20.390 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: VN063359.D
 Acq: 16 Sep 2020 11:32

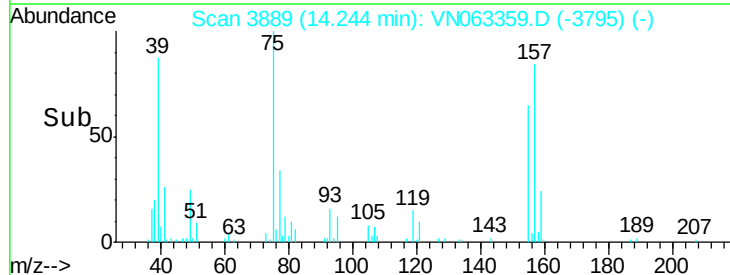
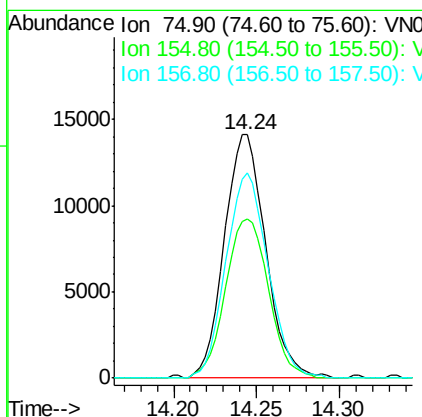
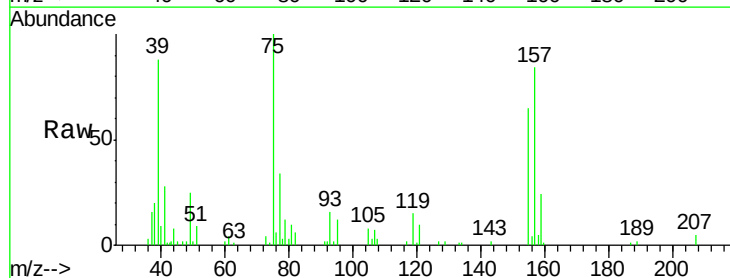
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC020

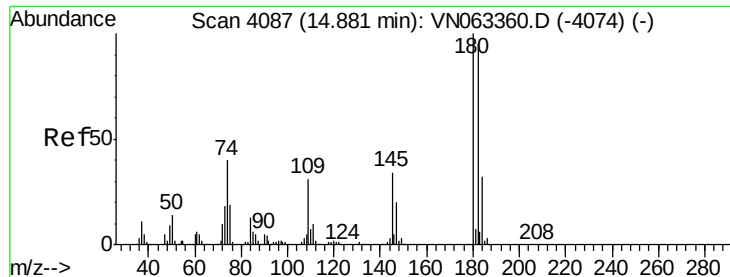
Tgt Ion: 146 Resp: 137469
 Ion Ratio Lower Upper
 146 100
 111 43.2 22.4 67.2
 148 61.0 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.802 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN063359.D
 Acq: 16 Sep 2020 11:32

Tgt Ion: 75 Resp: 24519
 Ion Ratio Lower Upper
 75 100
 155 67.9 34.6 103.9
 157 85.6 43.7 131.1

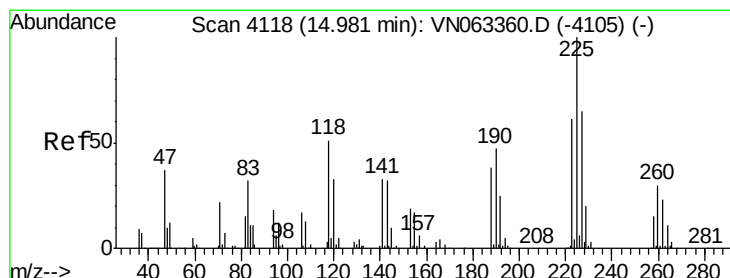
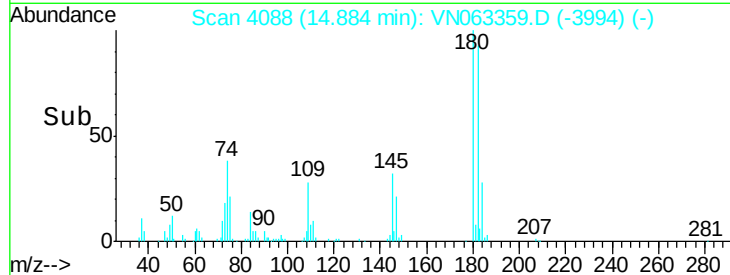
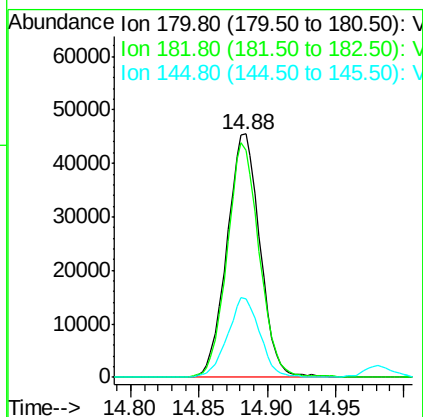
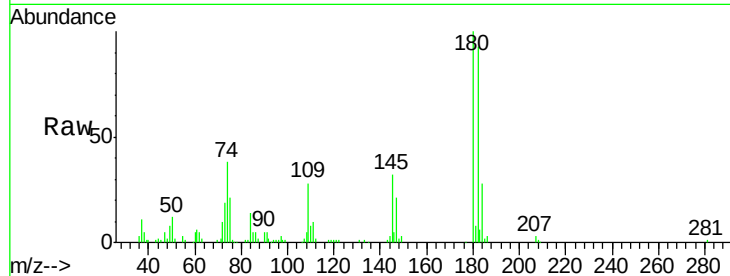




#93
 1,2,4-Trichlorobenzene
 Concen: 19.283 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN063359.D
 Acq: 16 Sep 2020 11:32

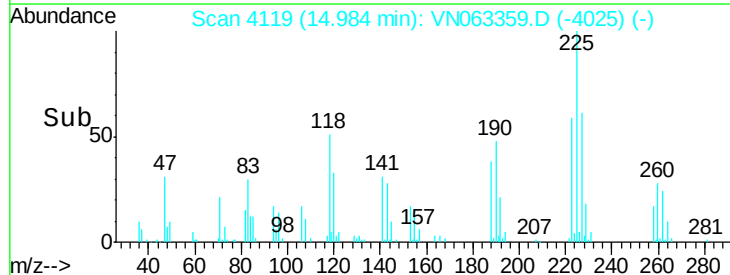
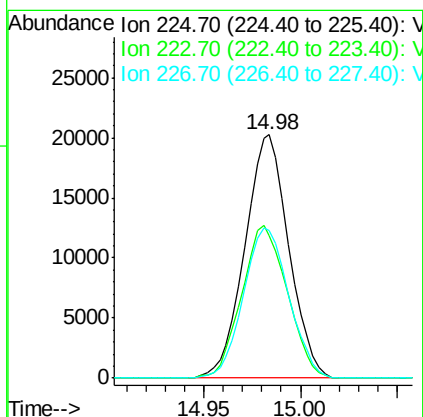
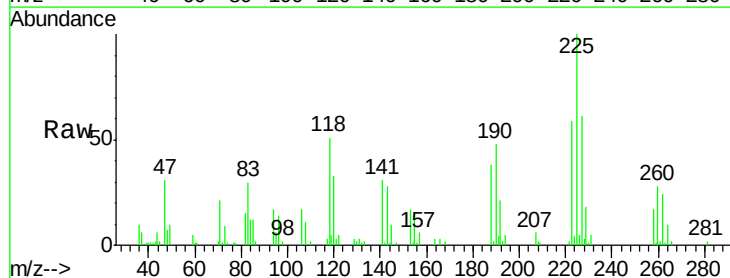
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

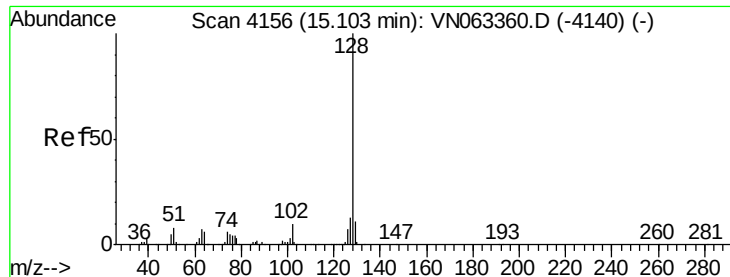
Tgt Ion:180 Resp: 76617
 Ion Ratio Lower Upper
 180 100
 182 93.6 47.3 142.0
 145 31.9 16.6 49.7



#94
 Hexachlorobutadiene
 Concen: 18.778 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN063359.D
 Acq: 16 Sep 2020 11:32

Tgt Ion:225 Resp: 31933
 Ion Ratio Lower Upper
 225 100
 223 64.9 30.6 91.6
 227 63.9 31.2 93.6





#95

Naphthalene

Concen: 20.116 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. -0.00 min

Lab File: VN063359.D

Acq: 16 Sep 2020 11:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

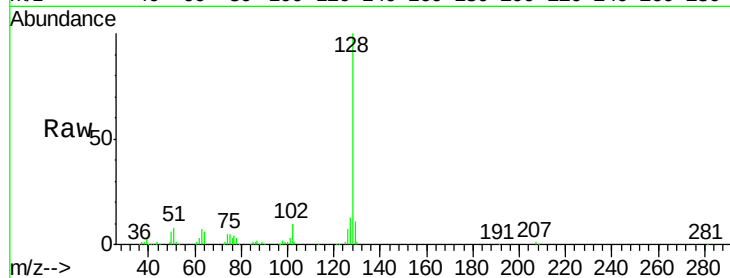
Tgt Ion:128 Resp: 260550

Ion Ratio Lower Upper

128 100

127 13.1 10.6 15.8

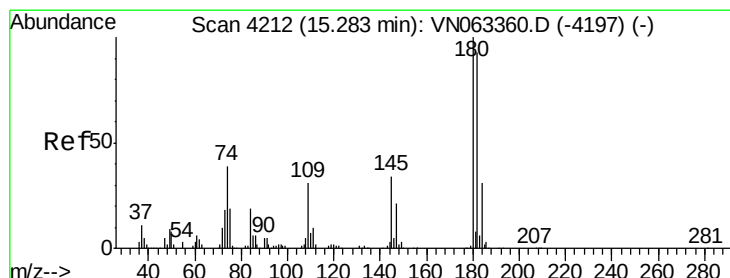
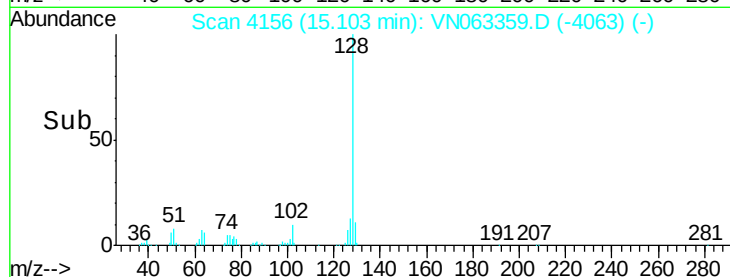
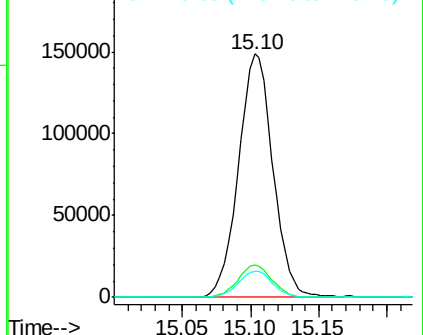
129 10.8 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.114 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. -0.00 min

Lab File: VN063359.D

Acq: 16 Sep 2020 11:32

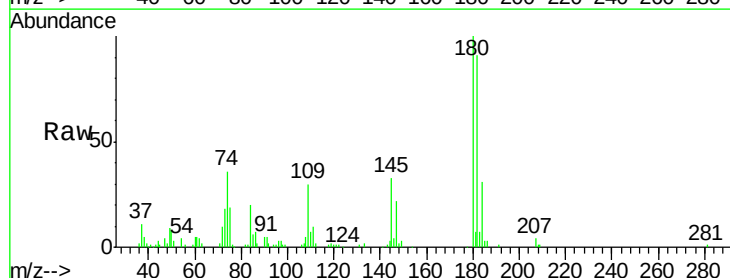
Tgt Ion:180 Resp: 74306

Ion Ratio Lower Upper

180 100

182 94.8 46.7 140.1

145 33.7 16.8 50.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

