

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092520\
 Data File : VN063677.D
 Acq On : 25 Sep 2020 14:43
 Operator : JC/MD
 Sample : VN0925WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0925WBSD01

Quant Time: Sep 28 02:02:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	248818	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	431541	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	394749	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	184196	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	218361	51.55	ug/l	0.00
Spiked Amount			Recovery	=	103.10%	
35) Dibromofluoromethane	7.55	113	150848	50.49	ug/l	0.00
Spiked Amount			Recovery	=	100.98%	
50) Toluene-d8	10.06	98	549823	48.95	ug/l	0.00
Spiked Amount			Recovery	=	97.90%	
62) 4-Bromofluorobenzene	12.38	95	206190	50.07	ug/l	0.00
Spiked Amount			Recovery	=	100.14%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	50033	17.749	ug/l	99
3) Chloromethane	2.04	50	63297	16.974	ug/l	97
4) Vinyl Chloride	2.16	62	62325	18.864	ug/l	98
5) Bromomethane	2.53	94	42238	21.532	ug/l	94
6) Chloroethane	2.67	64	37937	18.706	ug/l	99
7) Trichlorofluoromethane	2.99	101	97564	19.792	ug/l	98
8) Diethyl Ether	3.38	74	35752	18.605	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	53859	19.428	ug/l	99
10) Methyl Iodide	3.91	142	65924	18.266	ug/l	96
11) Tert butyl alcohol	4.73	59	50405	85.902	ug/l #	93
12) 1,1-Dichloroethene	3.70	96	50755	18.076	ug/l	99
13) Acrolein	3.57	56	14659	67.413	ug/l	98
14) Allyl chloride	4.28	41	99654	17.942	ug/l	94
15) Acrylonitrile	4.93	53	143189	95.936	ug/l	100
16) Acetone	3.78	43	131967	96.947	ug/l	97
17) Carbon Disulfide	4.01	76	132405	16.211	ug/l	98
18) Methyl Acetate	4.28	43	73750	21.342	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	193694	18.509	ug/l	100
20) Methylene Chloride	4.51	84	64791	18.786	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	59352	19.079	ug/l	90
22) Diisopropyl ether	5.90	45	213176	18.820	ug/l	96
23) Vinyl Acetate	5.85	43	873855	93.934	ug/l	100
24) 1,1-Dichloroethane	5.80	63	118124	19.101	ug/l	99
25) 2-Butanone	6.79	43	201260	96.134	ug/l	100
26) 2,2-Dichloropropane	6.78	77	101058	18.560	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	67267	19.104	ug/l	99
28) Bromochloromethane	7.15	49	55811	19.546	ug/l	97
29) Tetrahydrofuran	7.16	42	130011	90.927	ug/l	98
30) Chloroform	7.33	83	123265	19.867	ug/l	98
31) Cyclohexane	7.61	56	95120	16.261	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	106984	19.386	ug/l	99
36) 1,1-Dichloropropene	7.75	75	84165	18.307	ug/l	99
37) Ethyl Acetate	6.88	43	85486	18.945	ug/l	98
38) Carbon Tetrachloride	7.74	117	88885	18.939	ug/l	100

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 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	82694	16.573	ug/l	97
40) Benzene	8.00	78	252685	19.254	ug/l	98
41) Methacrylonitrile	7.13	41	36196	17.836	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	106964	20.267	ug/l	100
43) Isopropyl Acetate	8.13	43	147362	18.264	ug/l #	89
44) Trichloroethene	8.80	130	63170	19.845	ug/l	94
45) 1,2-Dichloropropane	9.08	63	69540	19.455	ug/l	99
46) Dibromomethane	9.18	93	48238	20.533	ug/l	99
47) Bromodichloromethane	9.37	83	96013	19.672	ug/l	100
48) Methyl methacrylate	9.17	41	72809	18.367	ug/l	98
49) 1,4-Dioxane	9.17	88	20710	364.062	ug/l	93
51) 4-Methyl-2-Pentanone	9.95	43	447976	99.178	ug/l	98
52) Toluene	10.13	92	155175	19.666	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	103150	18.931	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	107582	18.719	ug/l	100
55) 1,1,2-Trichloroethane	10.53	97	63256	20.183	ug/l	99
56) Ethyl methacrylate	10.40	69	90469	18.490	ug/l	98
57) 1,3-Dichloropropane	10.68	76	108079	19.122	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	239950	93.486	ug/l	98
59) 2-Hexanone	10.72	43	327345	100.033	ug/l	99
60) Dibromochloromethane	10.87	129	70349	19.868	ug/l	96
61) 1,2-Dibromoethane	10.98	107	63509	19.504	ug/l	97
64) Tetrachloroethene	10.60	164	56012	20.838	ug/l	98
65) Chlorobenzene	11.41	112	165089	19.702	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	62424	20.323	ug/l	98
67) Ethyl Benzene	11.49	91	297710	18.866	ug/l	98
68) m/p-Xylenes	11.59	106	218571	38.417	ug/l	98
69) o-Xylene	11.92	106	104590	19.298	ug/l	98
70) Styrene	11.94	104	177643	19.545	ug/l	100
71) Bromoform	12.10	173	44400	19.404	ug/l #	98
73) Isopropylbenzene	12.23	105	279304	18.923	ug/l	99
74) N-amyl acetate	12.05	43	128608	18.406	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	92862	20.319	ug/l	97
76) 1,2,3-Trichloropropane	12.53	75	123186	27.020	ug/l #	100
77) Bromobenzene	12.50	156	66857	20.136	ug/l	98
78) n-propylbenzene	12.57	91	323071	18.792	ug/l	99
79) 2-Chlorotoluene	12.65	91	198551	19.266	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	236486	19.214	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	29957	18.015	ug/l	93
82) 4-Chlorotoluene	12.75	91	209524	19.242	ug/l	100
83) tert-Butylbenzene	12.97	119	190616	18.764	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	236294	19.006	ug/l	98
85) sec-Butylbenzene	13.15	105	253062	18.610	ug/l	100
86) p-Isopropyltoluene	13.26	119	223930	18.671	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	123767	20.112	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	122228	19.535	ug/l	98
89) n-Butylbenzene	13.59	91	200373	18.125	ug/l	97
90) Hexachloroethane	13.85	117	40930	17.922	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	121775	20.155	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	20832	19.142	ug/l	97

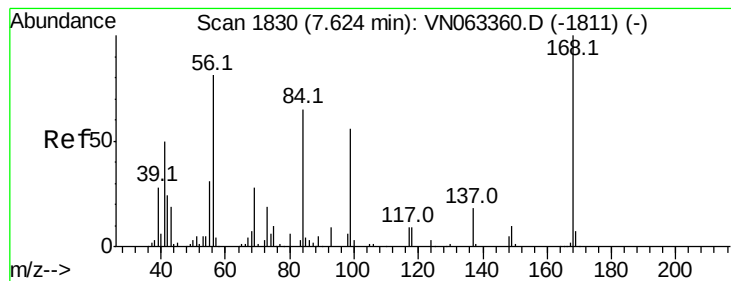
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092520\
Data File : VN063677.D
Acq On : 25 Sep 2020 14:43
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Sample : VN0925WBSD01
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Quant Title : SW846 8260
QLast Update : Wed Sep 16 13:05:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	62795	17.630	ug/l	98
94) Hexachlorobutadiene	14.98	225	32622	22.123	ug/l	98
95) Naphthalene	15.11	128	202041	17.169	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	63348	18.407	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063677.D

Acq: 25 Sep 2020 14:43

Instrument :

MSVOA_N

ClientSampleId :

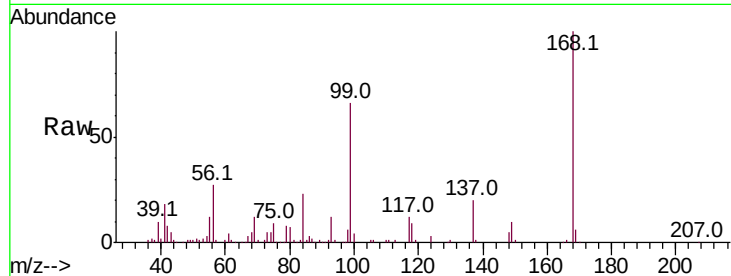
VN0925WBSD01

Tot Ion:168 Resp: 248818

Ion Ratio Lower Upper

168 100

99 65.4 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

120000

100000

80000

60000

40000

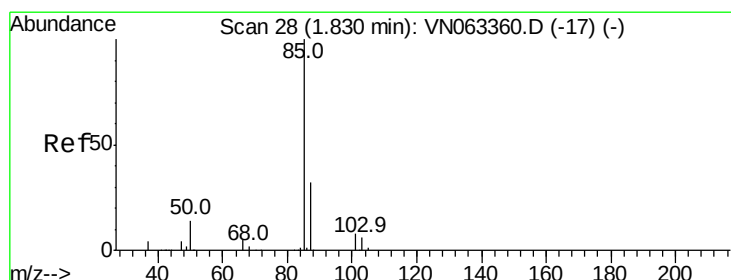
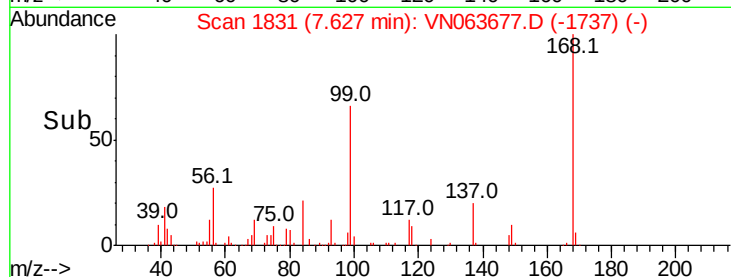
20000

0

7.50 7.60 7.70

7.63

Time-->



#2

Dichlorodifluoromethane

Concen: 17.749 ug/l

RT: 1.83 min Scan# 28

Delta R.T. -0.00 min

Lab File: VN063677.D

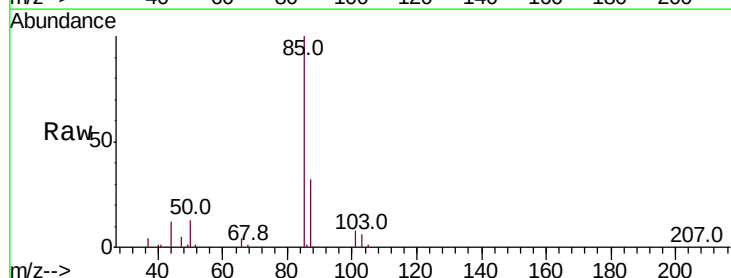
Acq: 25 Sep 2020 14:43

Tgt Ion: 85 Resp: 50033

Ion Ratio Lower Upper

85 100

87 32.3 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

40000

30000

20000

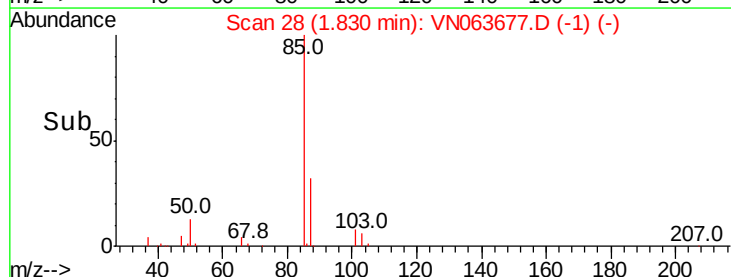
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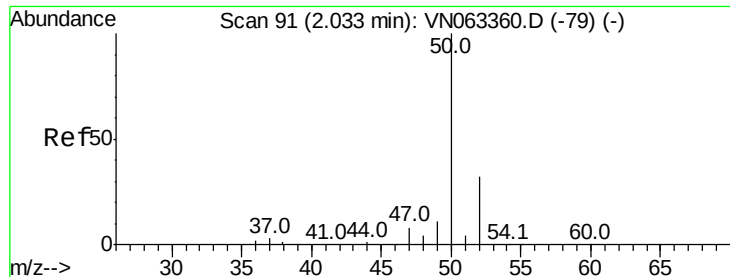
0

1.75 1.80 1.85 1.90

1.83

Time-->





#3

Chloromethane

Concen: 16.974 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.01 min

Lab File: VN063677.D

Acq: 25 Sep 2020 14:43

Instrument :

MSVOA_N

ClientSampleId :

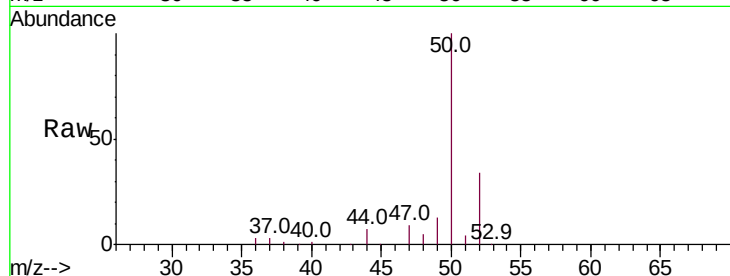
VN0925WBSD01

Tot Ion: 50 Resp: 63297

Ion Ratio Lower Upper

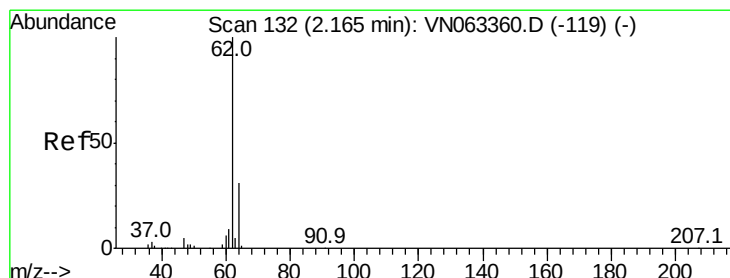
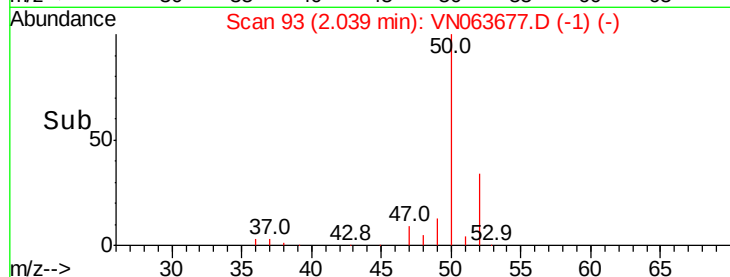
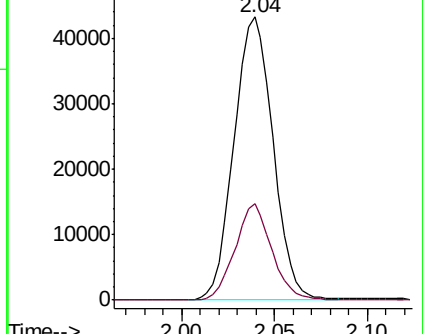
50 100

52 33.9 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 18.864 ug/l

RT: 2.16 min Scan# 132

Delta R.T. -0.00 min

Lab File: VN063677.D

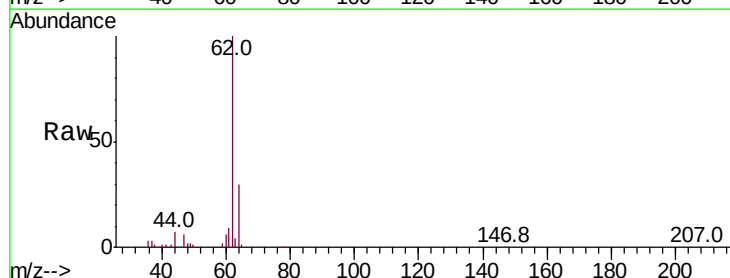
Acq: 25 Sep 2020 14:43

Tgt Ion: 62 Resp: 62325

Ion Ratio Lower Upper

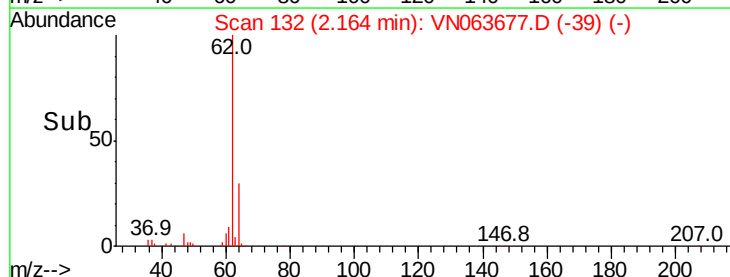
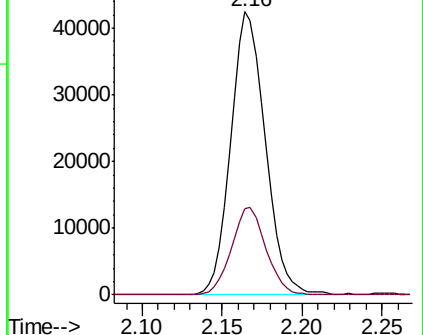
62 100

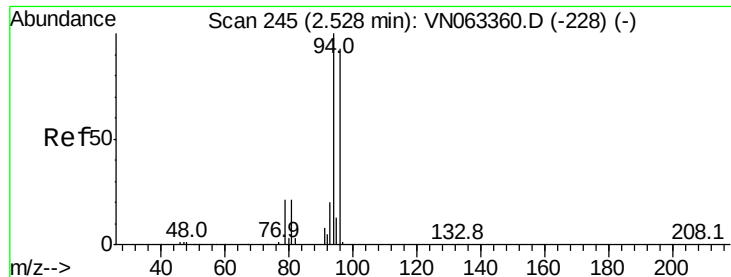
64 30.4 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 21.532 ug/l

RT: 2.53 min Scan# 246

Delta R.T. 0.00 min

Lab File: VN063677.D

Acq: 25 Sep 2020 14:43

Instrument :

MSVOA_N

ClientSampleId :

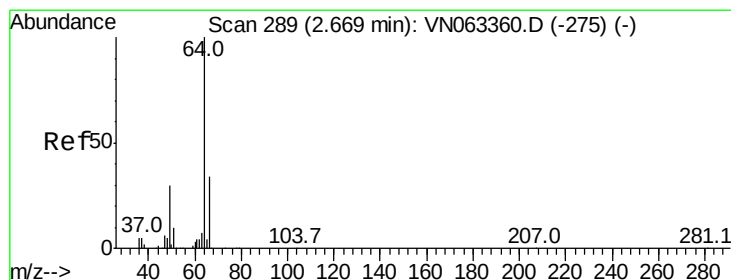
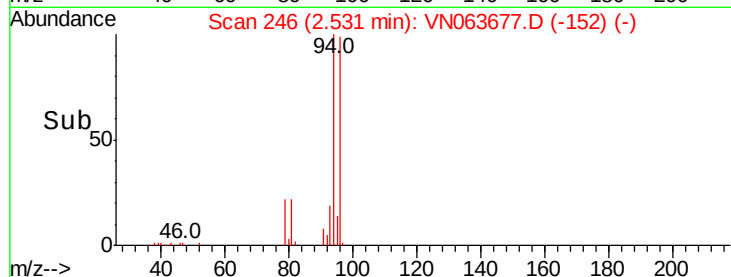
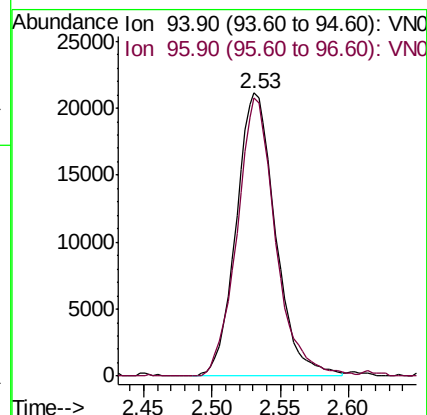
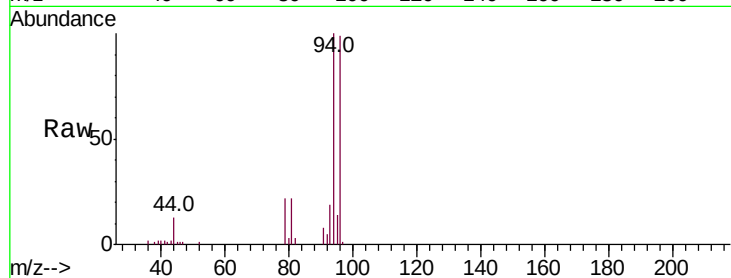
VN0925WBSD01

Tot Ion: 94 Resp: 42238

Ion Ratio Lower Upper

94 100

96 98.5 74.5 111.7



#6

Chloroethane

Concen: 18.706 ug/l

RT: 2.67 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN063677.D

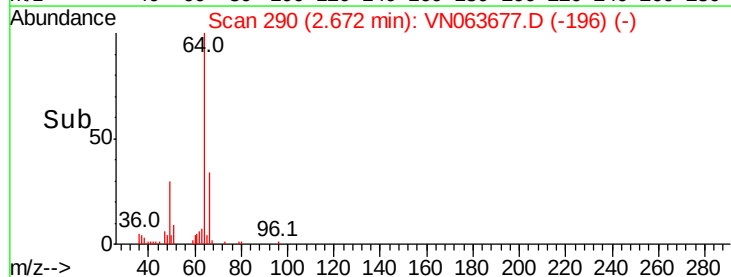
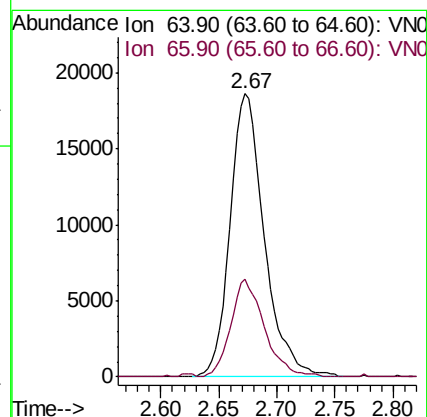
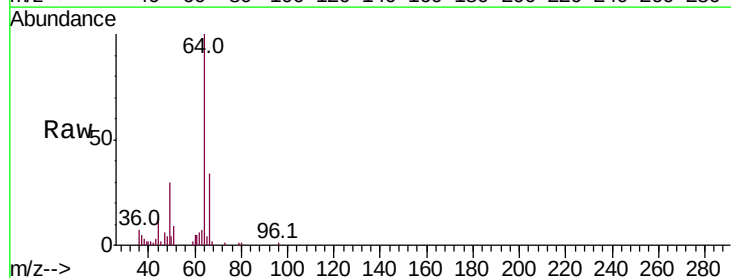
Acq: 25 Sep 2020 14:43

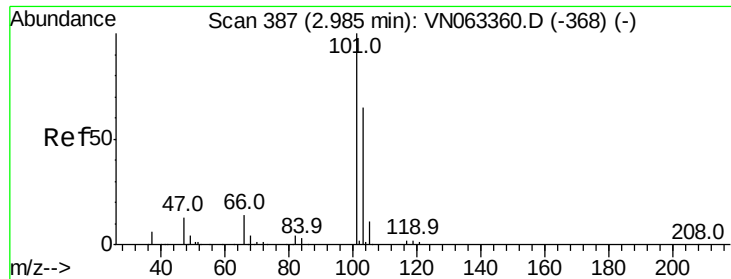
Tgt Ion: 64 Resp: 37937

Ion Ratio Lower Upper

64 100

66 34.3 26.9 40.3



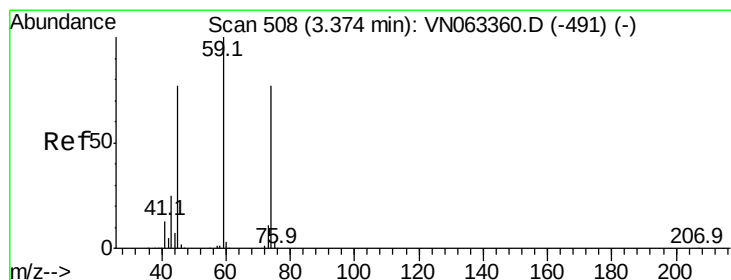
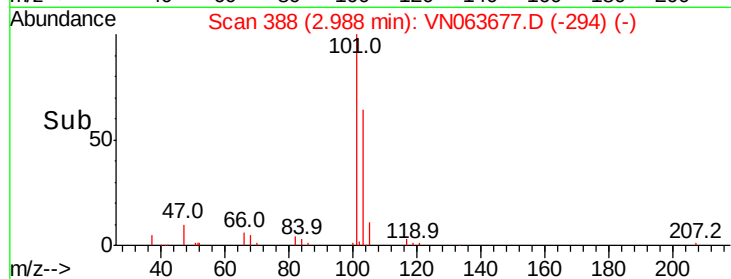
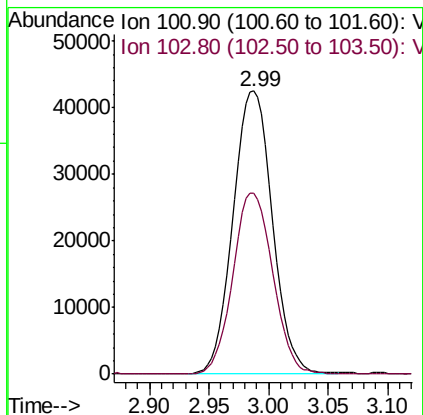
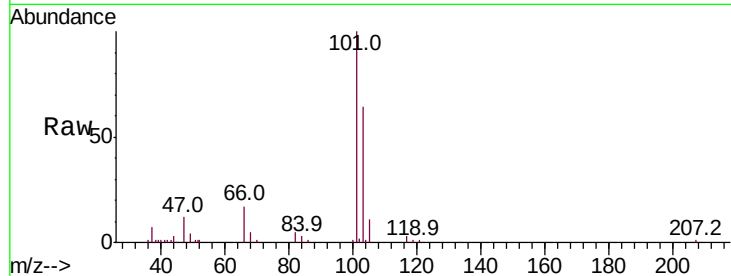


#7

Trichlorofluoromethane
 Concen: 19.792 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VN063677.D
 Acq: 25 Sep 2020 14:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0925WBSD01

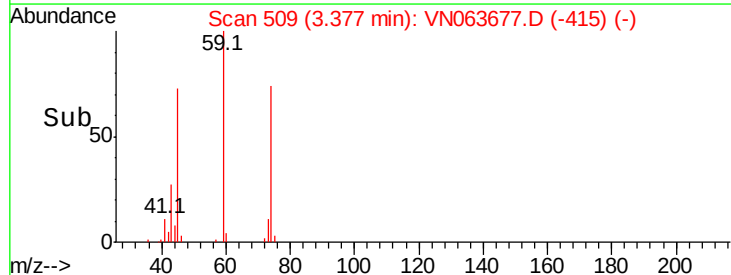
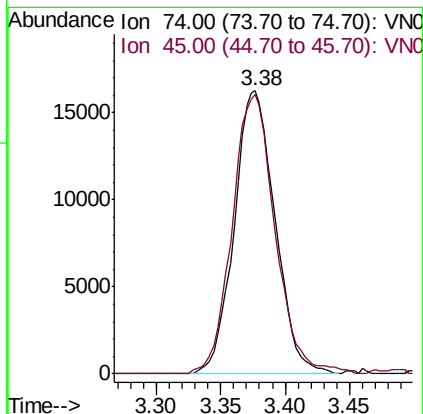
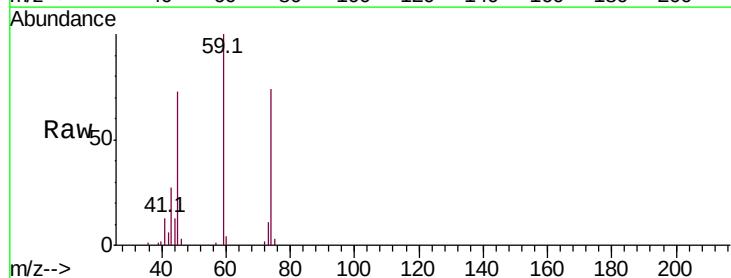
Tot Ion:101 Resp: 97564
 Ion Ratio Lower Upper
 101 100
 103 63.9 52.3 78.5

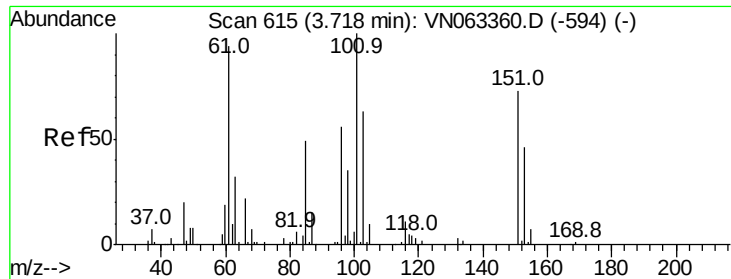


#8

Diethyl Ether
 Concen: 18.605 ug/l
 RT: 3.38 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN063677.D
 Acq: 25 Sep 2020 14:43

Tgt Ion: 74 Resp: 35752
 Ion Ratio Lower Upper
 74 100
 45 103.7 52.1 156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.428 ug/l

RT: 3.72 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN063677.D

Acq: 25 Sep 2020 14:43

Instrument :

MSVOA_N

ClientSampleId :

VN0925WBSD01

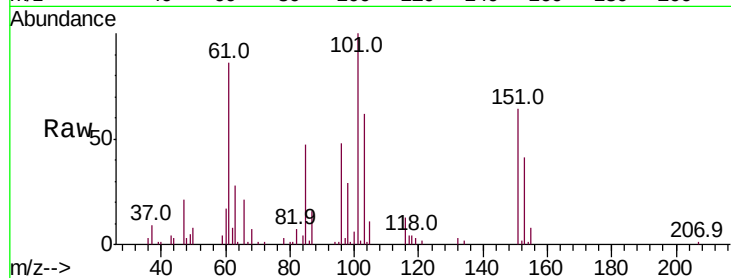
Tot Ion:101 Resp: 53859

Ion Ratio Lower Upper

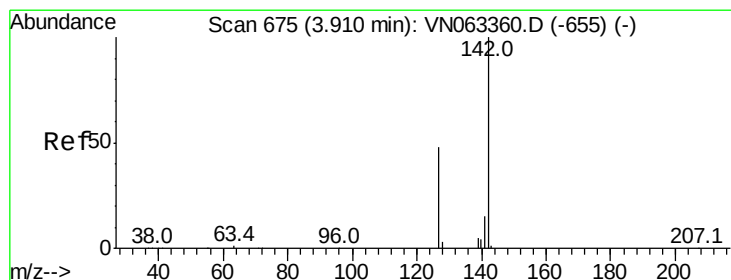
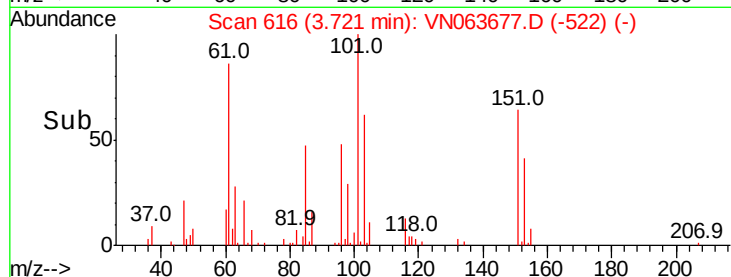
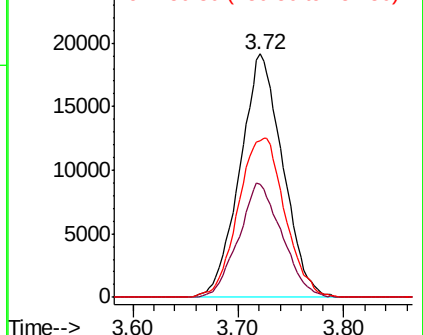
101 100

85 47.4 37.7 56.5

151 71.6 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: 18.266 ug/l

RT: 3.91 min Scan# 675

Delta R.T. -0.00 min

Lab File: VN063677.D

Acq: 25 Sep 2020 14:43

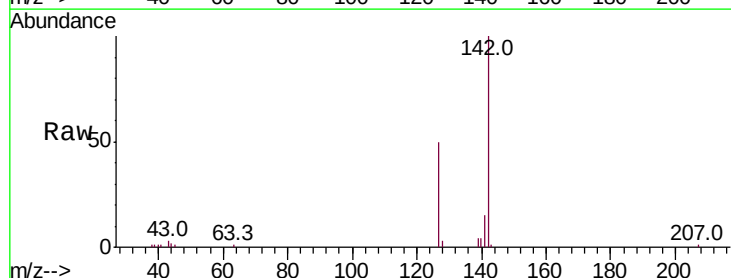
Tgt Ion:142 Resp: 65924

Ion Ratio Lower Upper

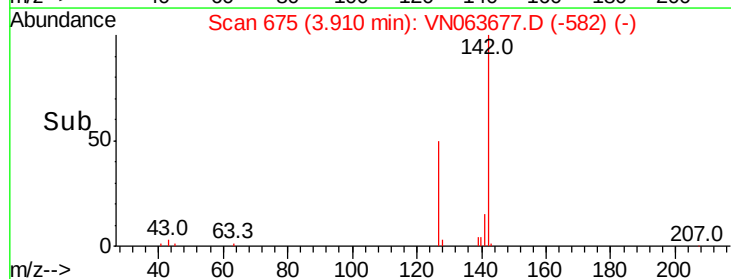
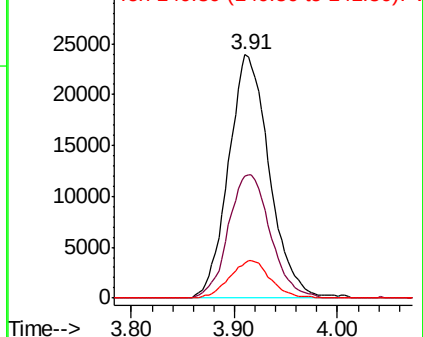
142 100

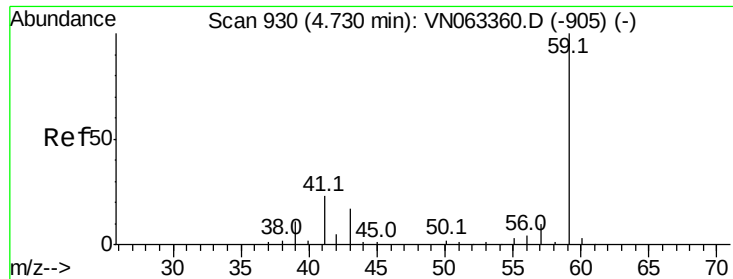
127 52.0 39.0 58.6

141 15.2 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



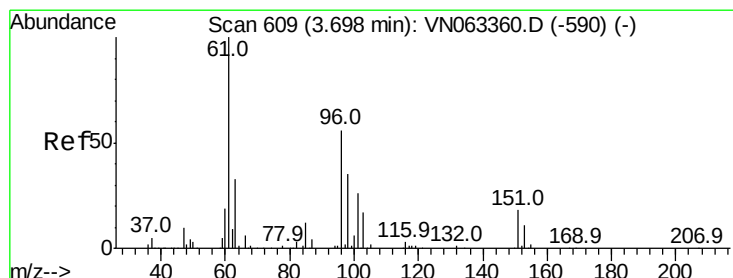
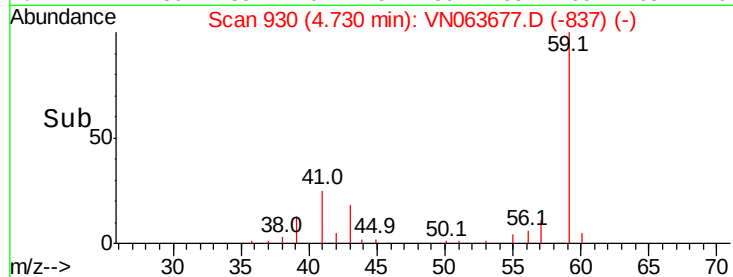
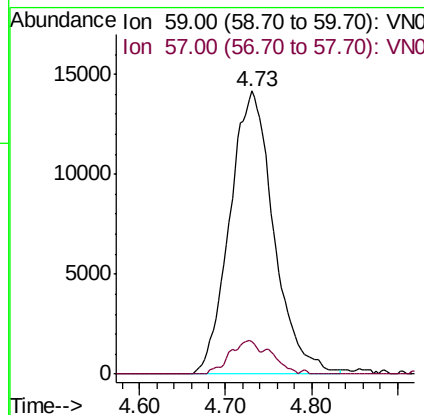
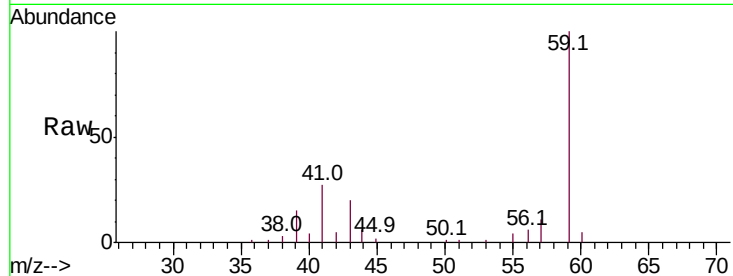


#11

Tert butyl alcohol
 Concen: 85.902 ug/l
 RT: 4.73 min Scan# 930
 Delta R.T. -0.00 min
 Lab File: VN063677.D
 Acq: 25 Sep 2020 14:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0925WBSD01

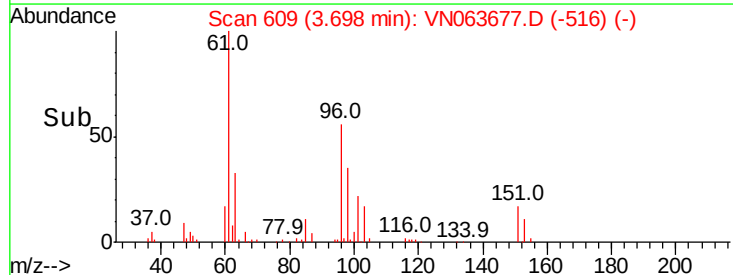
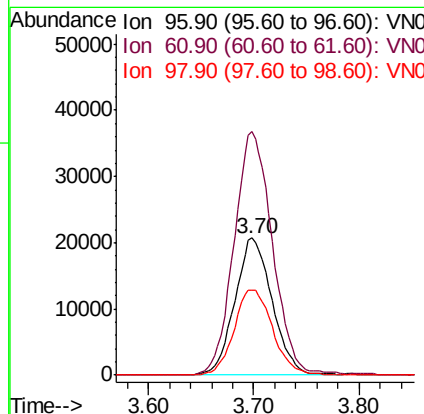
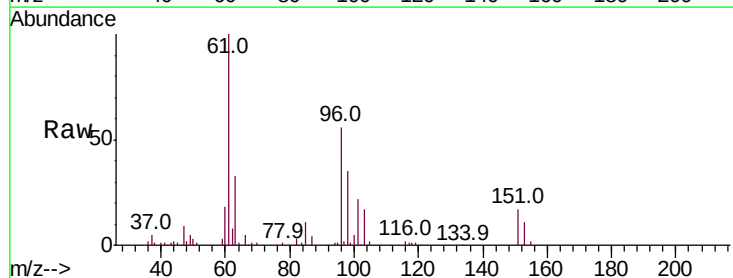
Tot Ion: 59 Resp: 50405
 Ion Ratio Lower Upper
 59 100
 57 7.8 8.4 12.6#

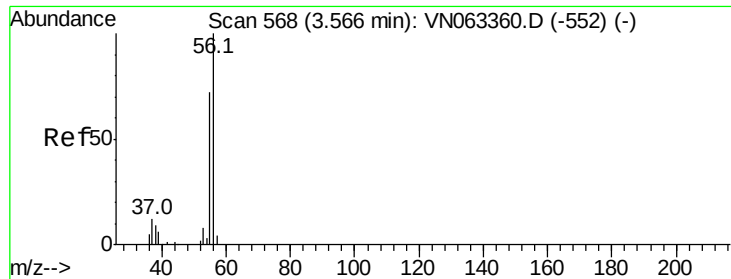


#12

1,1-Dichloroethene
 Concen: 18.076 ug/l
 RT: 3.70 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: VN063677.D
 Acq: 25 Sep 2020 14:43

Tgt Ion: 96 Resp: 50755
 Ion Ratio Lower Upper
 96 100
 61 177.5 143.4 215.2
 98 62.0 50.6 76.0





#13

Acrolein

Concen: 67.413 ug/l

RT: 3.57 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN063677.D

Acq: 25 Sep 2020 14:43

Instrument :

MSVOA_N

ClientSampleId :

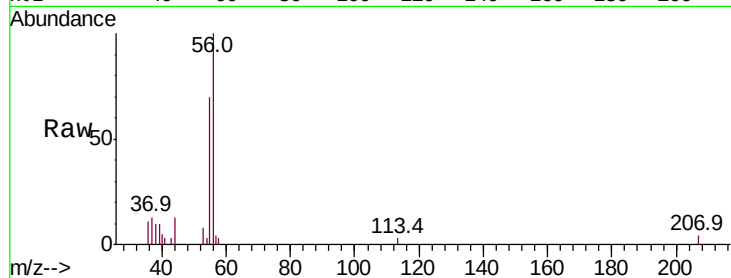
VN0925WBSD01

Tot Ion: 56 Resp: 14659

Ion Ratio Lower Upper

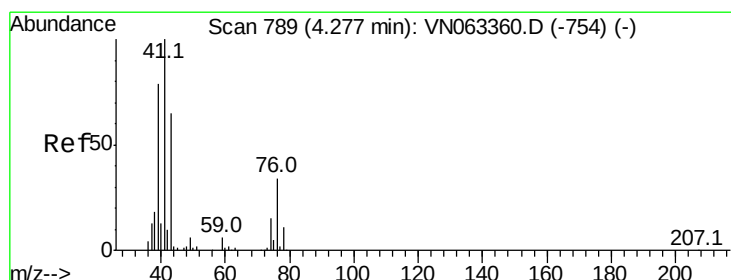
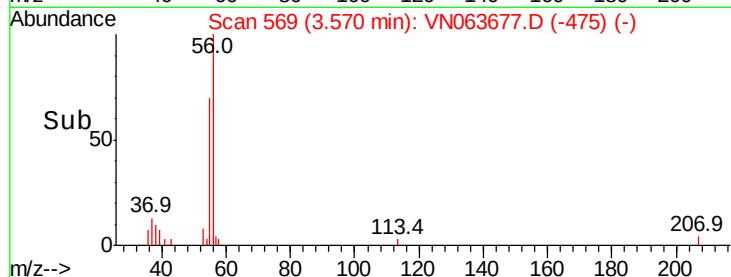
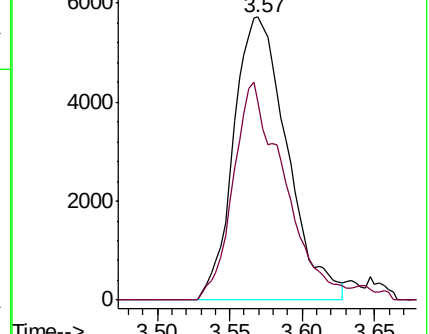
56 100

55 74.2 58.2 87.2



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 17.942 ug/l

RT: 4.28 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN063677.D

Acq: 25 Sep 2020 14:43

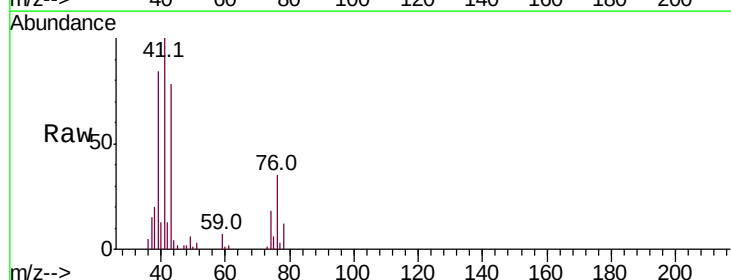
Tgt Ion: 41 Resp: 99654

Ion Ratio Lower Upper

41 100

39 80.4 59.3 88.9

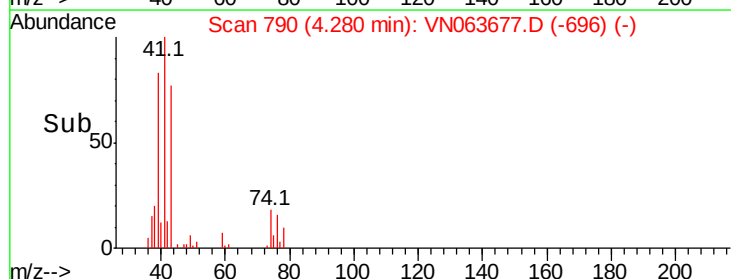
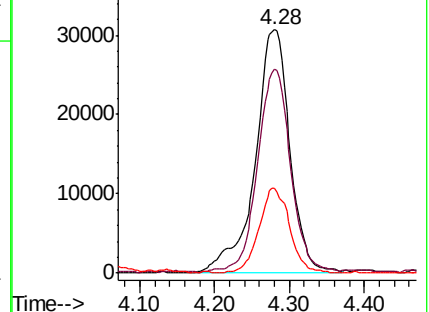
76 30.7 25.3 37.9

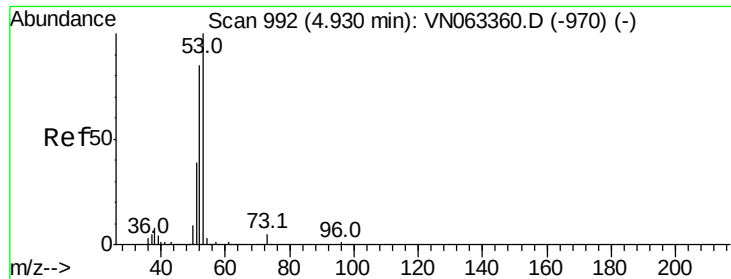


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 95.936 ug/l

RT: 4.93 min Scan# 993

Delta R.T. 0.00 min

Lab File: VN063677.D

Acq: 25 Sep 2020 14:43

Instrument :

MSVOA_N

ClientSampleId :

VN0925WBSD01

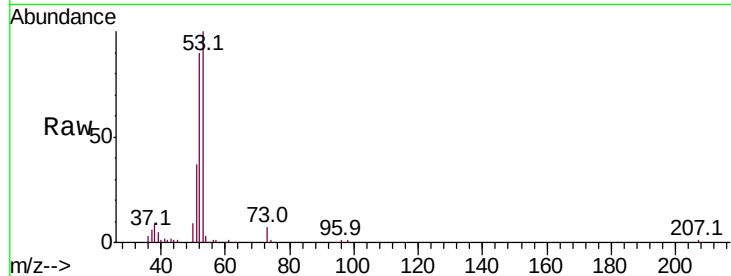
Tot Ion: 53 Resp: 143189

Ion Ratio Lower Upper

53 100

52 83.1 66.4 99.6

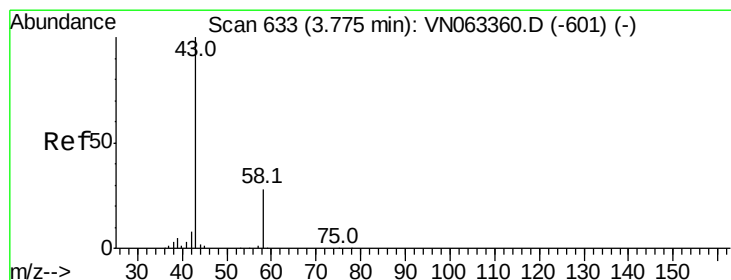
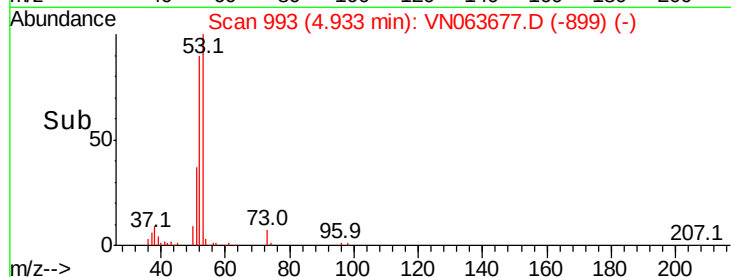
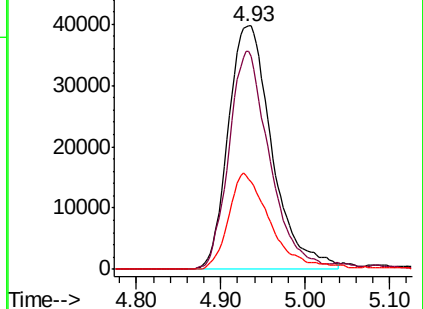
51 37.2 30.2 45.4



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 96.947 ug/l

RT: 3.78 min Scan# 633

Delta R.T. -0.00 min

Lab File: VN063677.D

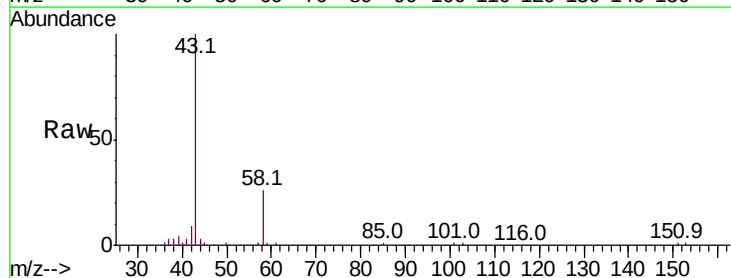
Acq: 25 Sep 2020 14:43

Tgt Ion: 43 Resp: 131967

Ion Ratio Lower Upper

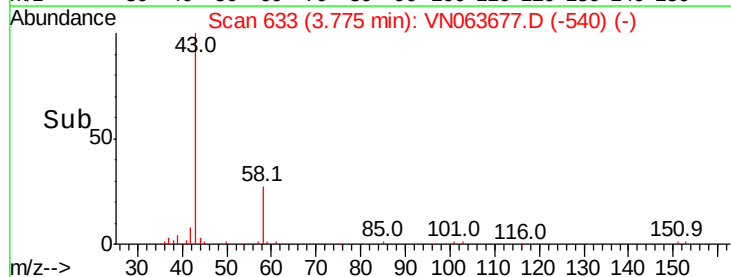
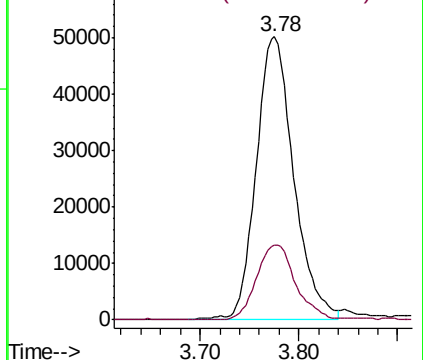
43 100

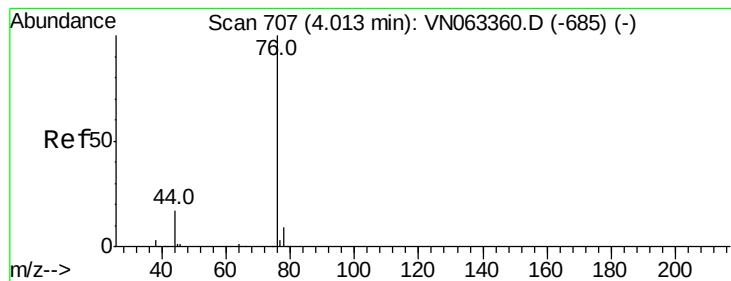
58 26.5 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 16.211 ug/l

RT: 4.01 min Scan# 707

Delta R.T. -0.00 min

Lab File: VN063677.D

Acq: 25 Sep 2020 14:43

Instrument :

MSVOA_N

ClientSampleId :

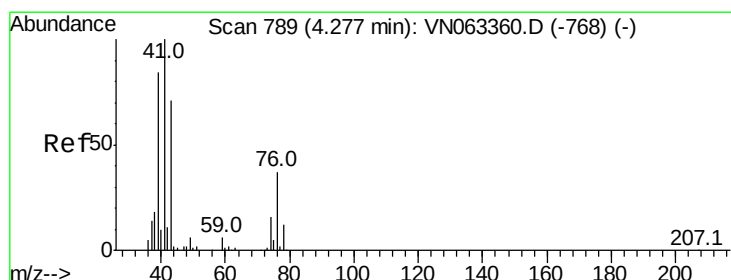
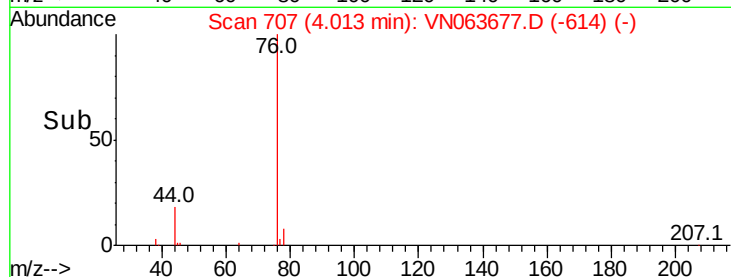
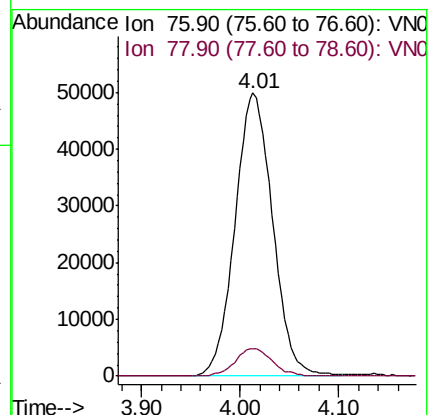
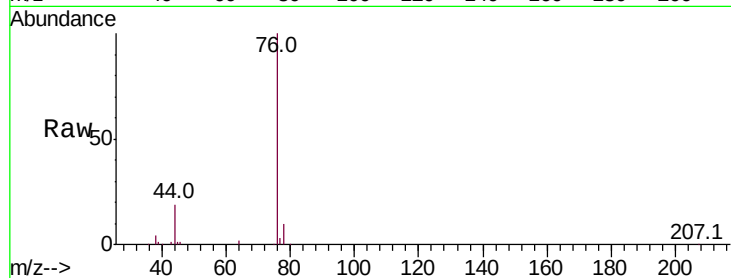
VN0925WBSD01

Tot Ion: 76 Resp: 132405

Ion Ratio Lower Upper

76 100

78 9.7 7.2 10.8



#18

Methyl Acetate

Concen: 21.342 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063677.D

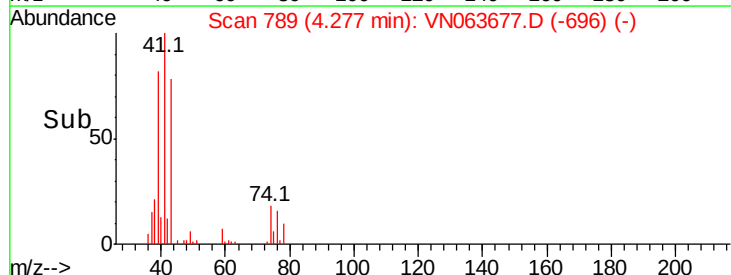
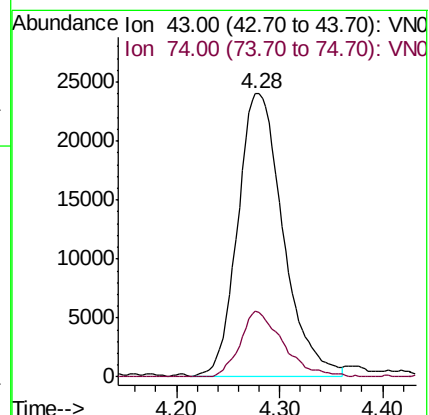
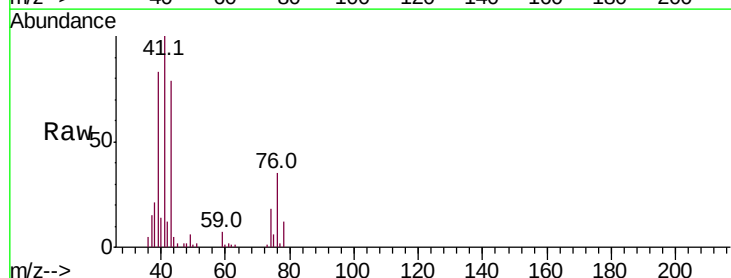
Acq: 25 Sep 2020 14:43

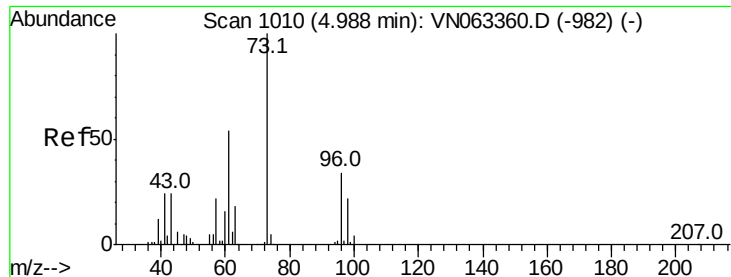
Tgt Ion: 43 Resp: 73750

Ion Ratio Lower Upper

43 100

74 21.9 17.4 26.2

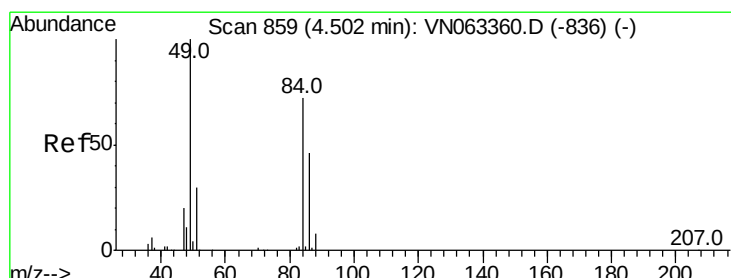
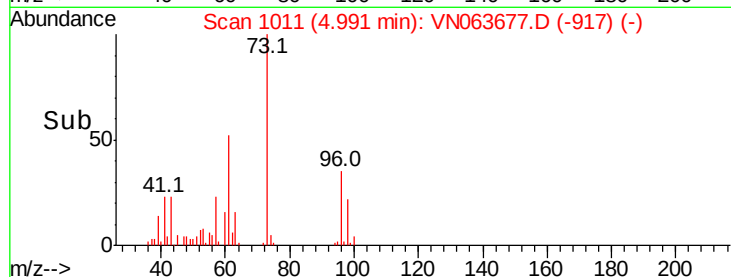
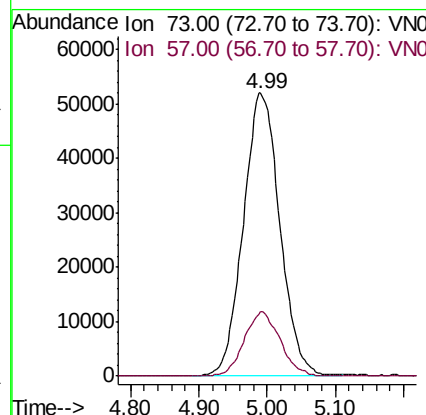
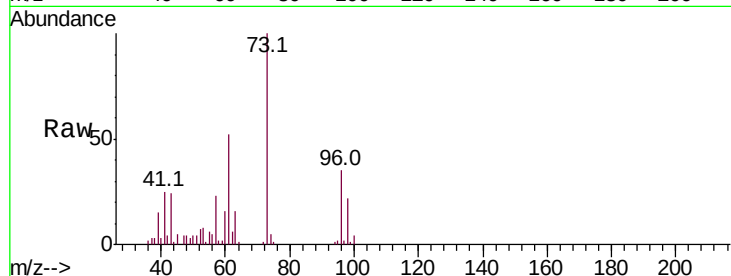




#19
Methvl tert-butvl Ether
Concen: 18.509 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063677.D
Acq: 25 Sep 2020 14:43

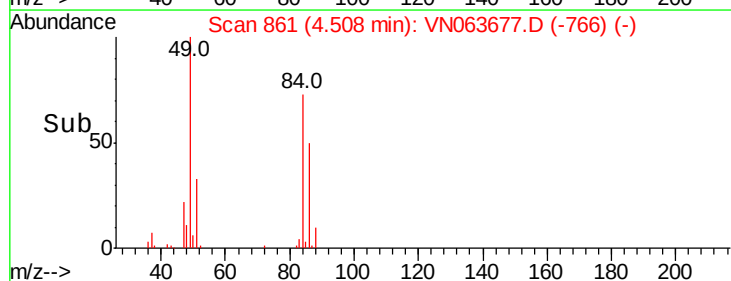
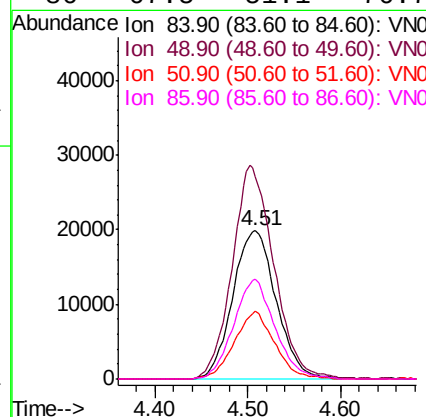
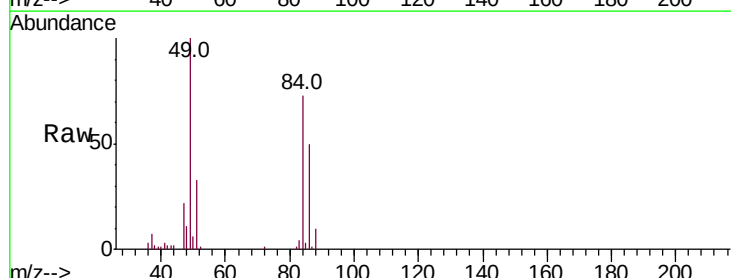
Instrument :
MSVOA_N
ClientSampleId :
VN0925WBSD01

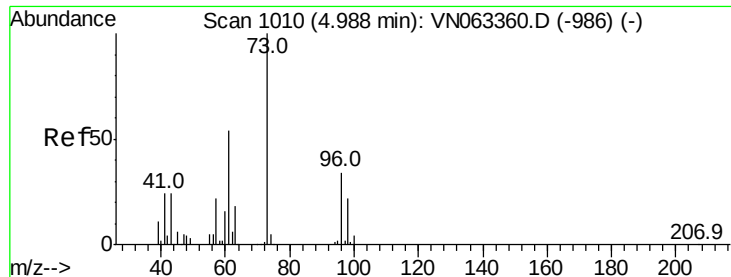
Tot Ion: 73 Resp: 193694
Ion Ratio Lower Upper
73 100
57 22.6 17.9 26.9



#20
Methylene Chloride
Concen: 18.786 ug/l
RT: 4.51 min Scan# 861
Delta R.T. 0.01 min
Lab File: VN063677.D
Acq: 25 Sep 2020 14:43

Tgt Ion: 84 Resp: 64791
Ion Ratio Lower Upper
84 100
49 136.3 110.7 166.1
51 45.5 32.9 49.3
86 67.5 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 19.079 ug/l

RT: 4.99 min Scan# 1012

Delta R.T. 0.01 min

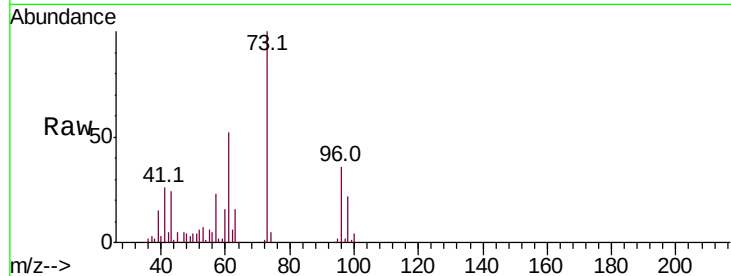
Lab File: VN063677.D

Acq: 25 Sep 2020 14:43

Instrument :
MSVOA_N
ClientSampled :
VN0925WBSD01

Tot Ion: 96 Resp: 59352

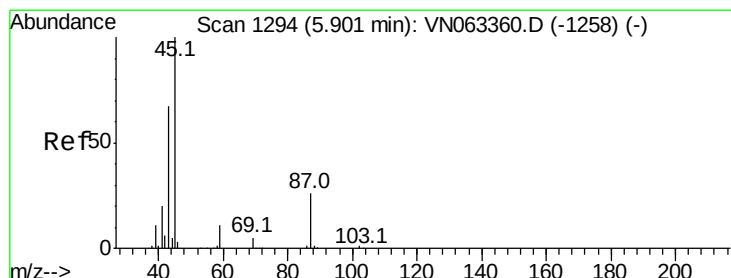
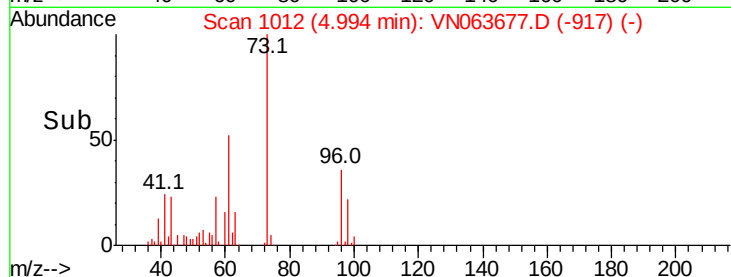
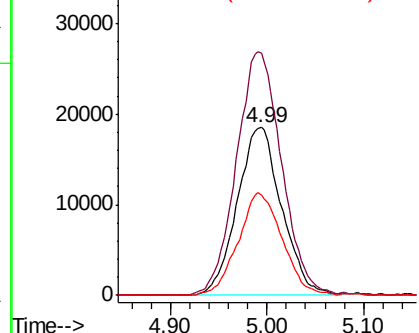
Ion	Ratio	Lower	Upper
96	100		
61	142.7	126.2	189.4
98	59.7	51.0	76.4



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 18.820 ug/l

RT: 5.90 min Scan# 1295

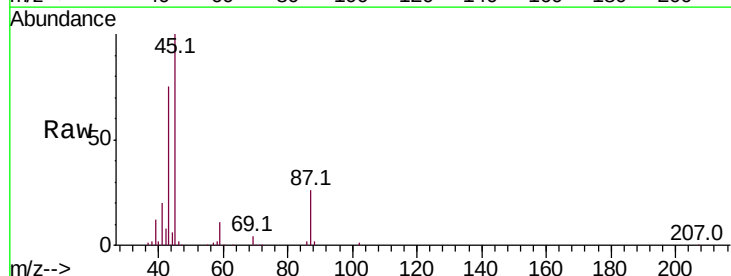
Delta R.T. 0.00 min

Lab File: VN063677.D

Acq: 25 Sep 2020 14:43

Tgt Ion: 45 Resp: 213176

Ion	Ratio	Lower	Upper
45	100		
43	72.1	53.5	80.3
87	26.4	21.2	31.8
59	10.7	8.8	13.2

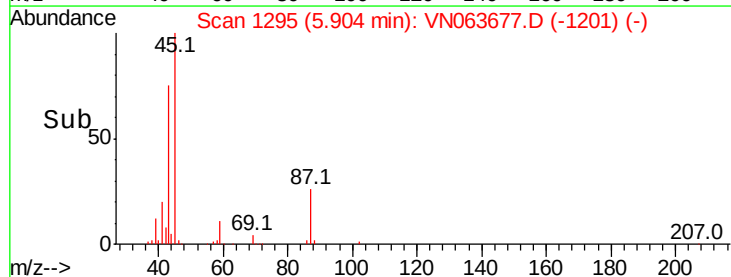
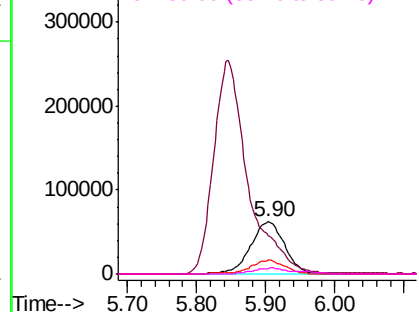


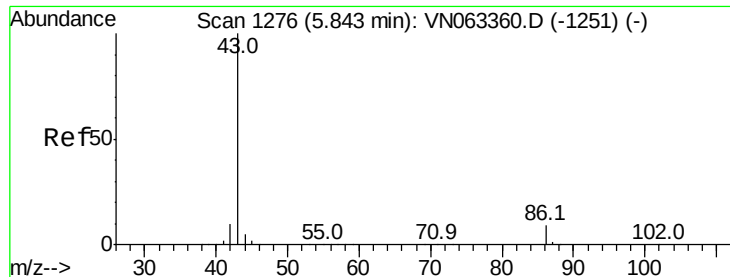
Abundance Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 93.934 ug/l

RT: 5.85 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VN063677.D

Acq: 25 Sep 2020 14:43

Instrument :

MSVOA_N

ClientSampleId :

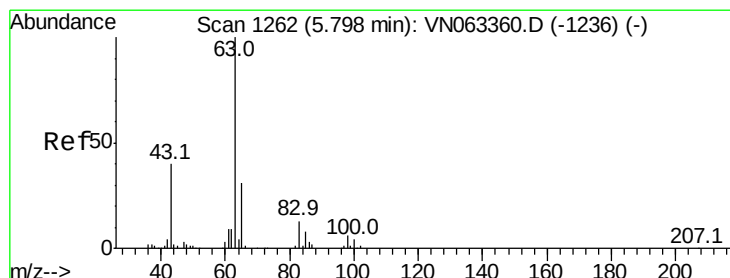
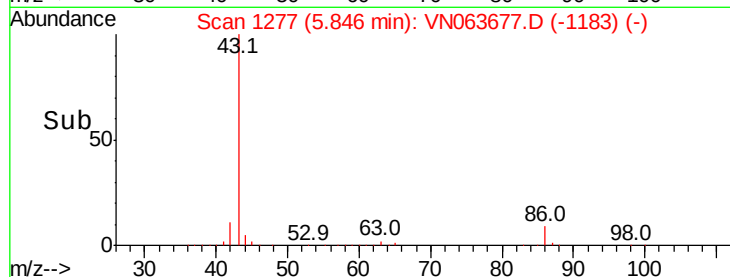
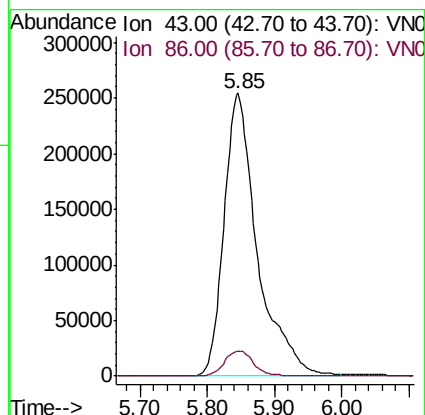
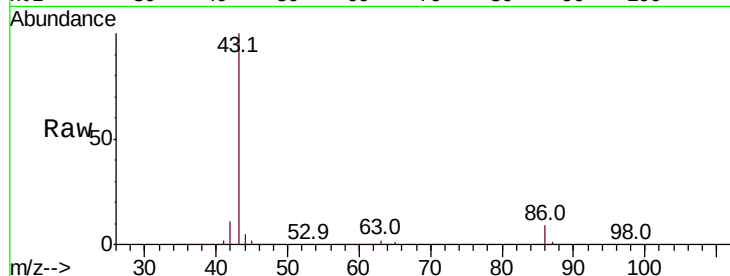
VN0925WBSD01

Tot Ion: 43 Resp: 873855

Ion Ratio Lower Upper

43 100

86 8.9 7.1 10.7



#24

1,1-Dichloroethane

Concen: 19.101 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. -0.00 min

Lab File: VN063677.D

Acq: 25 Sep 2020 14:43

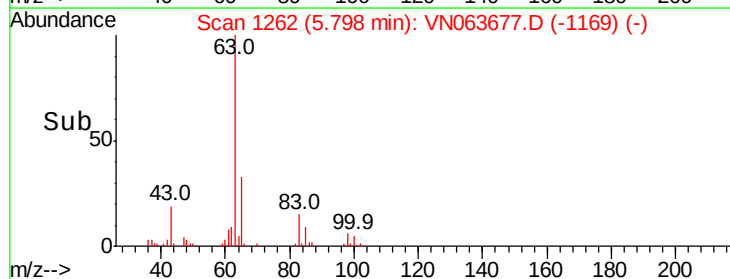
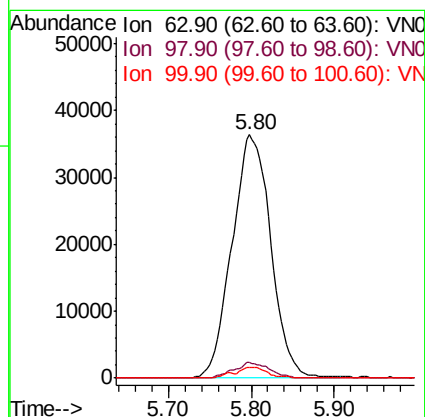
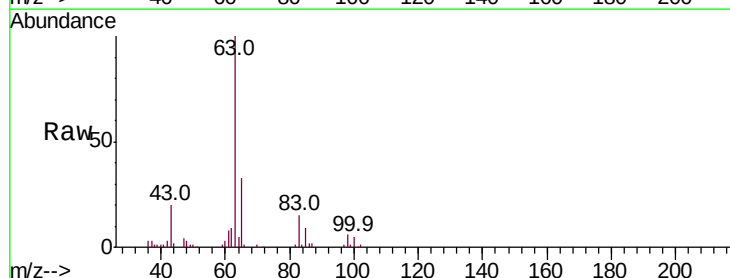
Tgt Ion: 63 Resp: 118124

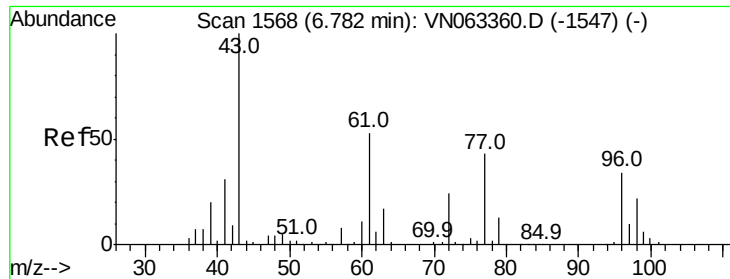
Ion Ratio Lower Upper

63 100

98 6.3 2.9 8.8

100 4.6 2.1 6.3





#25

2-Butanone

Concen: 96.134 ug/l

RT: 6.79 min Scan# 1570

Delta R.T. 0.01 min

Lab File: VN063677.D

Acq: 25 Sep 2020 14:43

Instrument :

MSVOA_N

ClientSampleId :

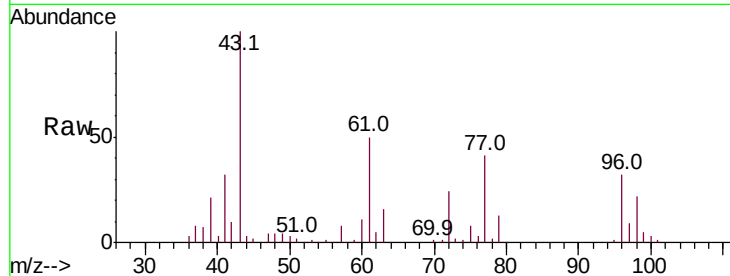
VN0925WBSD01

Tot Ion: 43 Resp: 201260

Ion Ratio Lower Upper

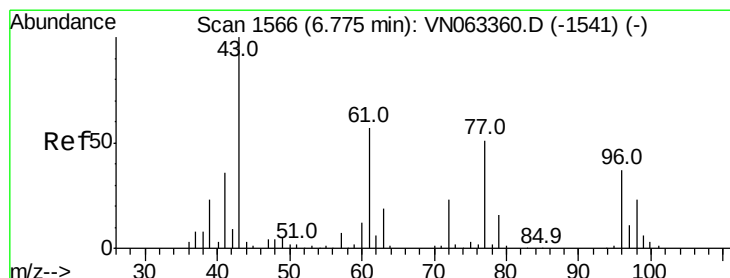
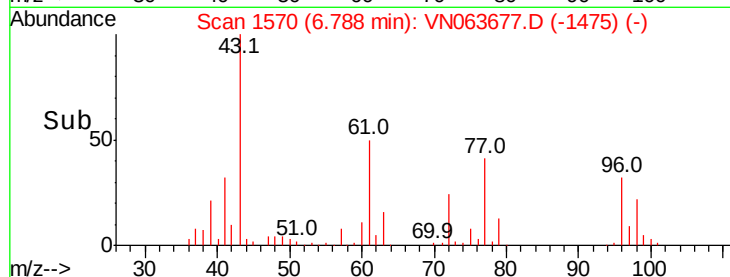
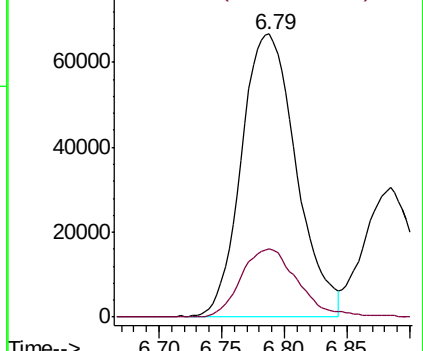
43 100

72 24.1 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 18.560 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN063677.D

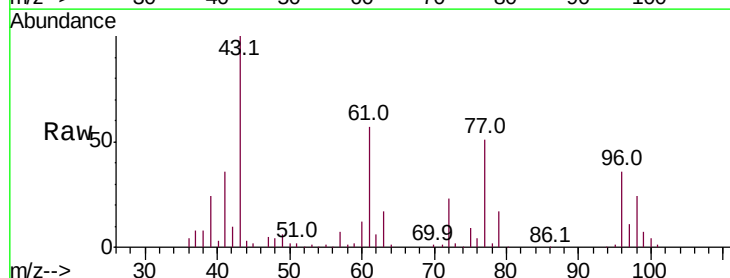
Acq: 25 Sep 2020 14:43

Tgt Ion: 77 Resp: 101058

Ion Ratio Lower Upper

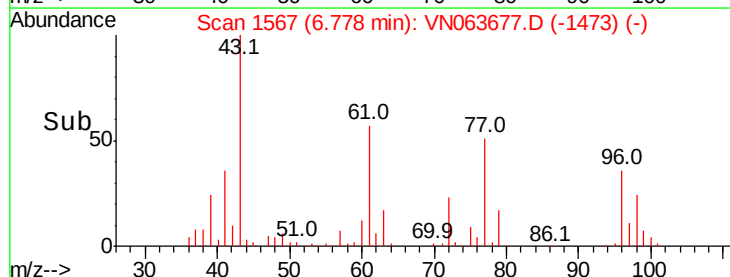
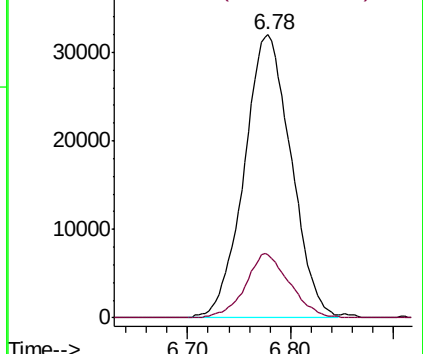
77 100

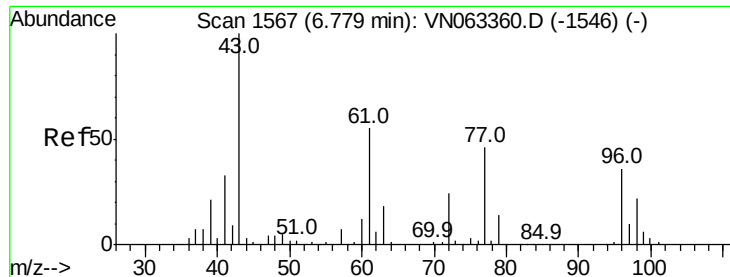
97 21.4 10.5 31.6



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 19.104 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VN063677.D

Acq: 25 Sep 2020 14:43

Instrument :

MSVOA_N

ClientSampleId :

VN0925WBSD01

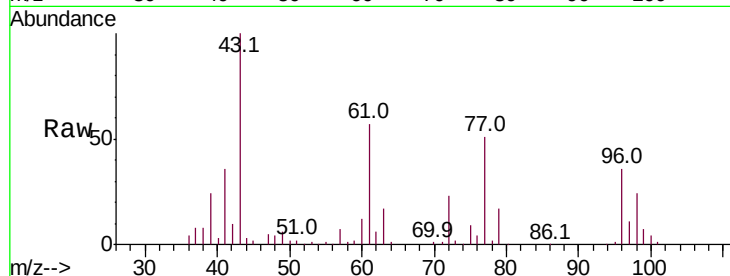
Tot Ion: 96 Resp: 67267

Ion Ratio Lower Upper

96 100

61 158.9 0.0 319.6

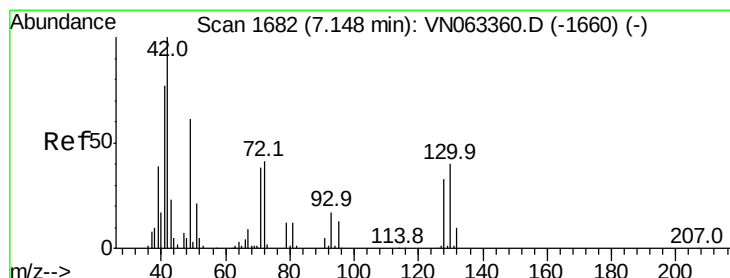
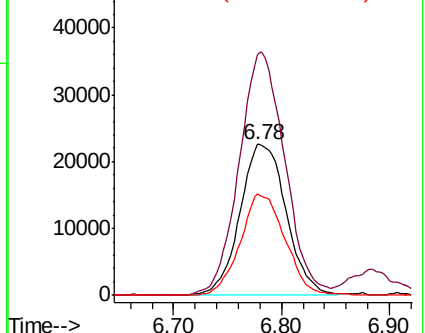
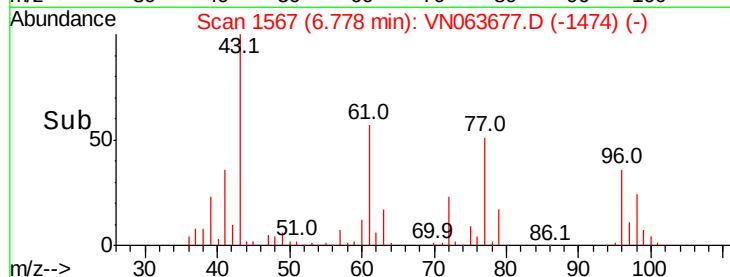
98 65.1 0.0 127.8



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 19.546 ug/l

RT: 7.15 min Scan# 1684

Delta R.T. 0.01 min

Lab File: VN063677.D

Acq: 25 Sep 2020 14:43

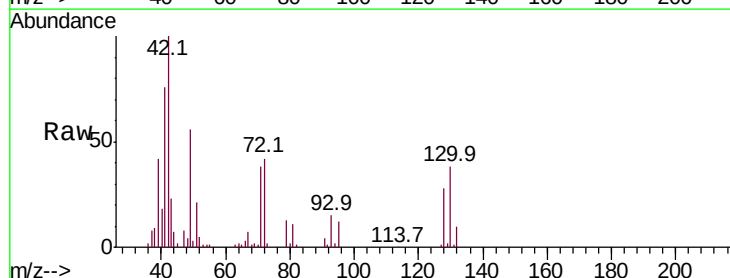
Tgt Ion: 49 Resp: 55811

Ion Ratio Lower Upper

49 100

129 2.3 0.0 3.8

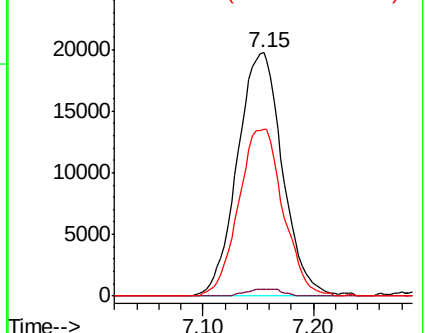
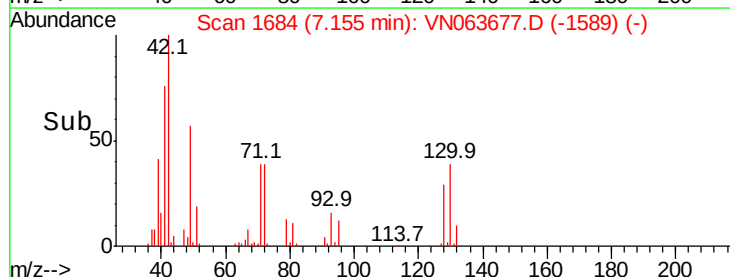
130 67.7 52.2 78.2

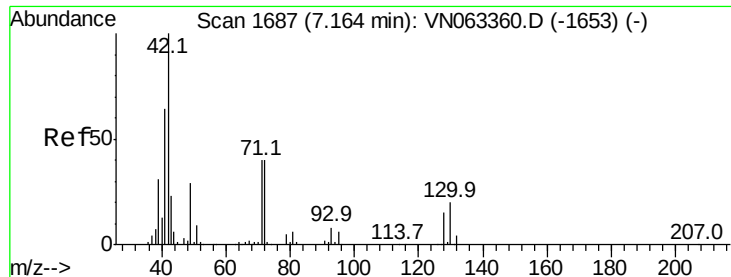


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

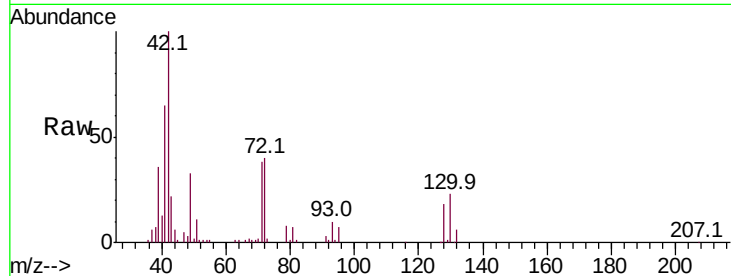




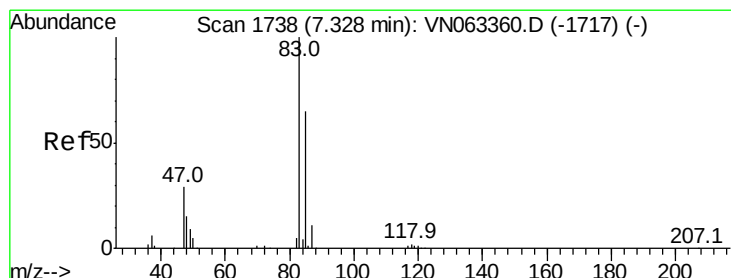
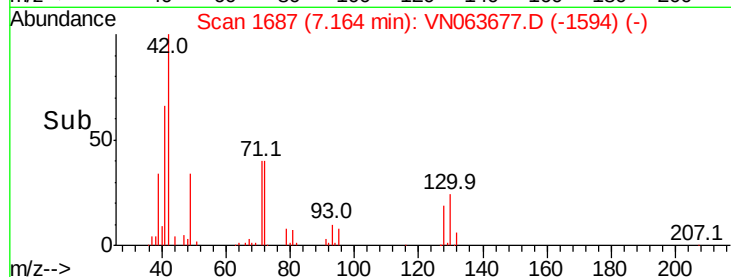
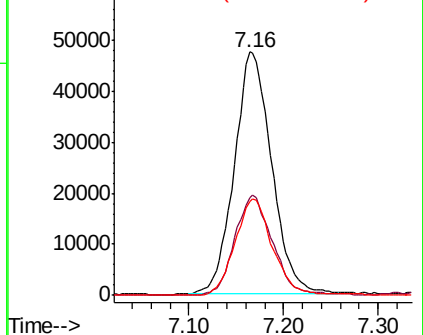
#29
Tetrahydrofuran
Concen: 90.927 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VN063677.D
Acq: 25 Sep 2020 14:43

Instrument :
MSVOA_N
ClientSampleId :
VN0925WBSD01

Tot Ion: 42 Resp: 130011
Ion Ratio Lower Upper
42 100
72 41.9 32.1 48.1
71 39.8 31.2 46.8

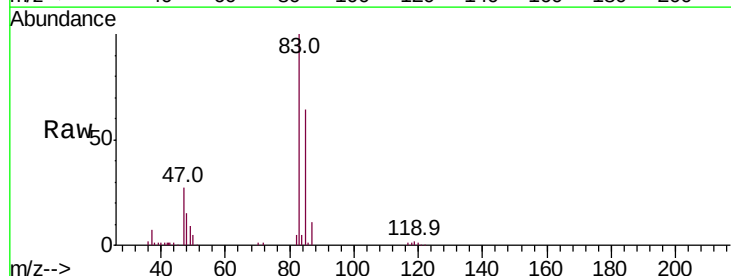


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

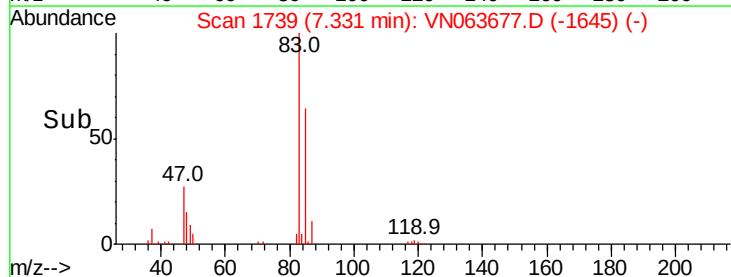
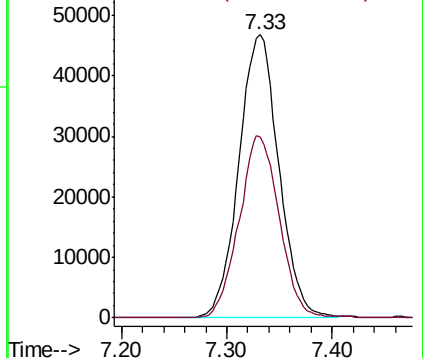


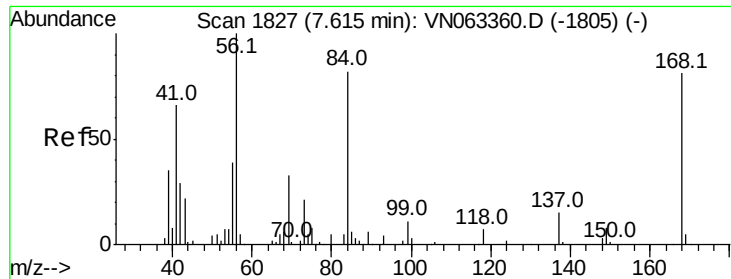
#30
Chloroform
Concen: 19.867 ug/l
RT: 7.33 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VN063677.D
Acq: 25 Sep 2020 14:43

Tgt Ion: 83 Resp: 123265
Ion Ratio Lower Upper
83 100
85 63.8 52.1 78.1



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

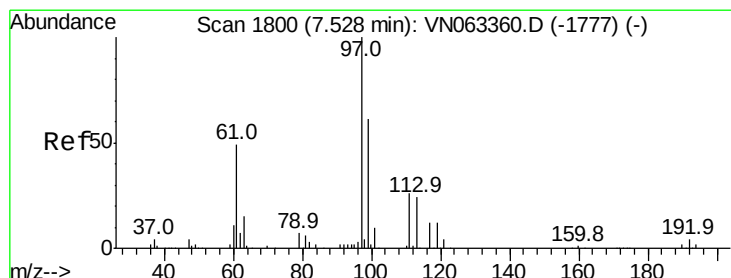
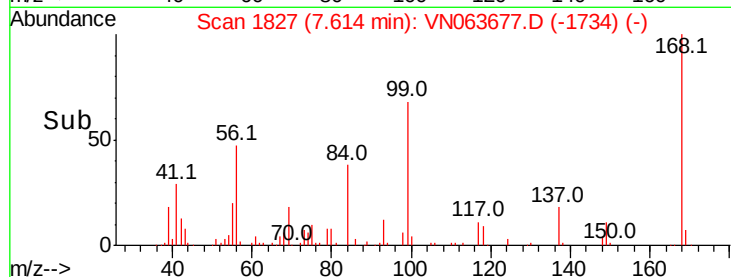
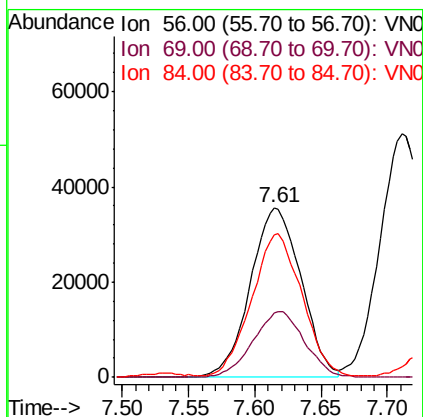
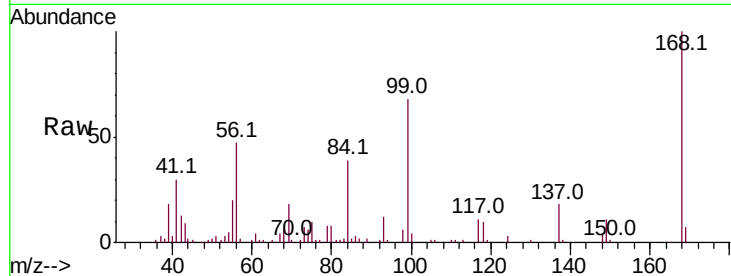




#31
Cyclohexane
Concen: 16.261 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. -0.00 min
Lab File: VN063677.D
Acq: 25 Sep 2020 14:43

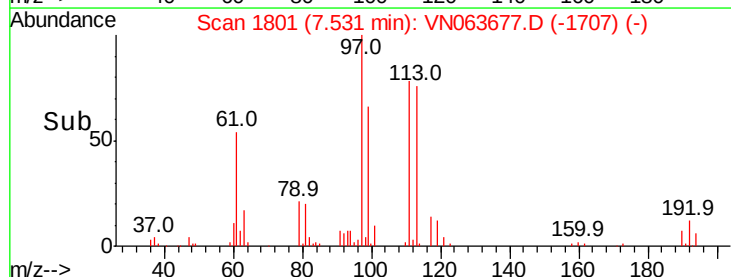
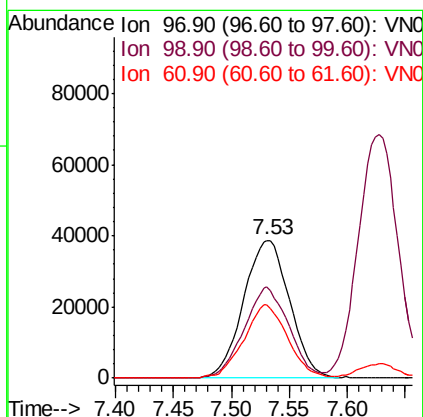
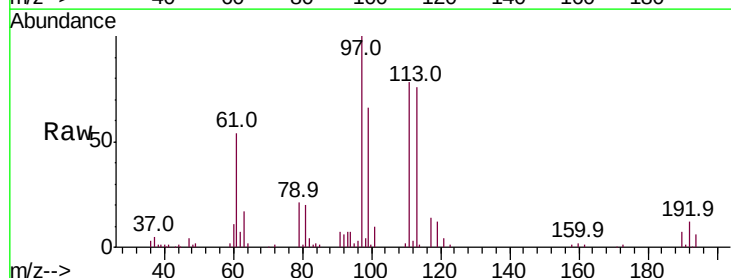
Instrument :
MSVOA_N
ClientSampled :
VN0925WBSD01

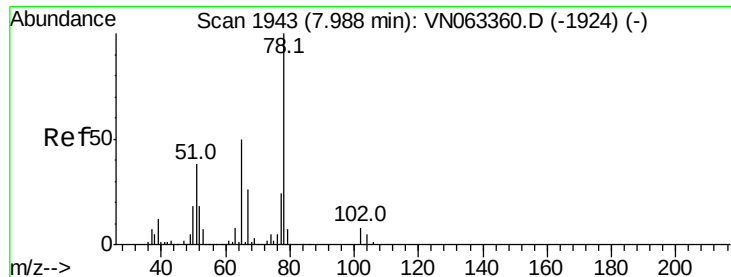
Tot Ion: 56 Resp: 95120
Ion Ratio Lower Upper
56 100
69 37.8 26.1 39.1
84 82.1 65.4 98.2



#32
1,1,1-Trichloroethane
Concen: 19.386 ug/l
RT: 7.53 min Scan# 1801
Delta R.T. 0.00 min
Lab File: VN063677.D
Acq: 25 Sep 2020 14:43

Tgt Ion: 97 Resp: 106984
Ion Ratio Lower Upper
97 100
99 63.8 50.6 76.0
61 50.6 39.2 58.8

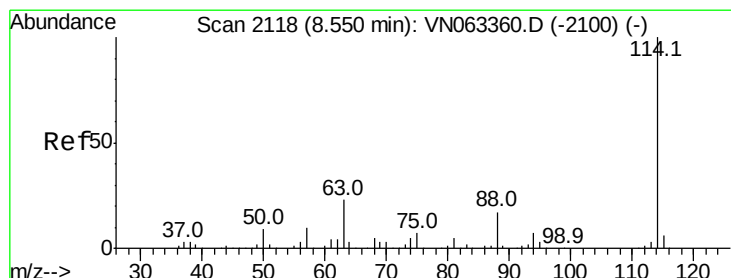
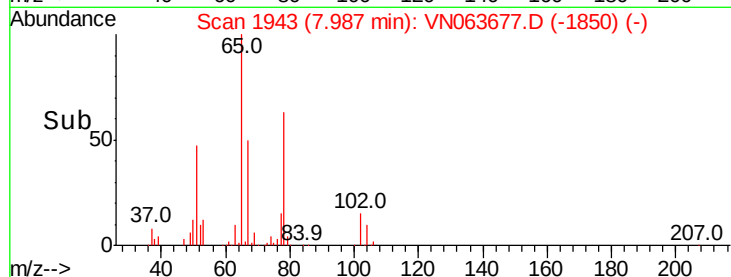
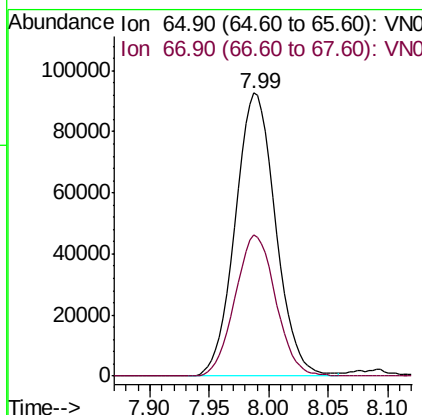
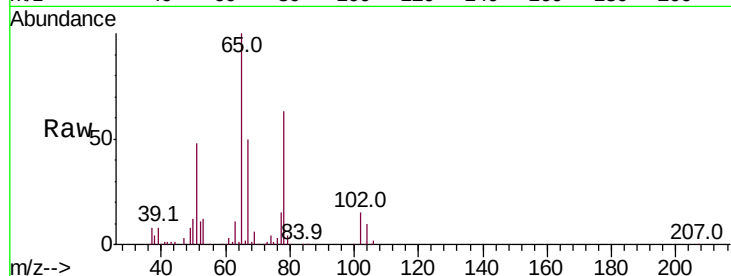




#33
 1,2-Dichloroethane-d4
 Concen: 51.554 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN063677.D
 Acq: 25 Sep 2020 14:43

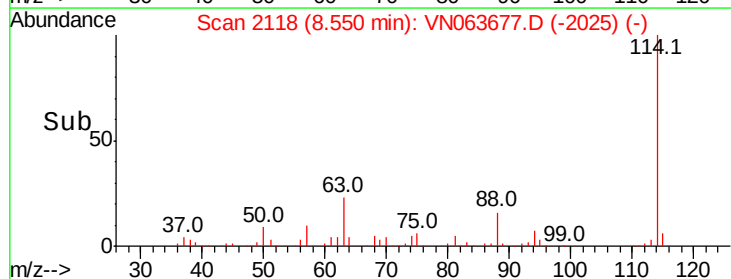
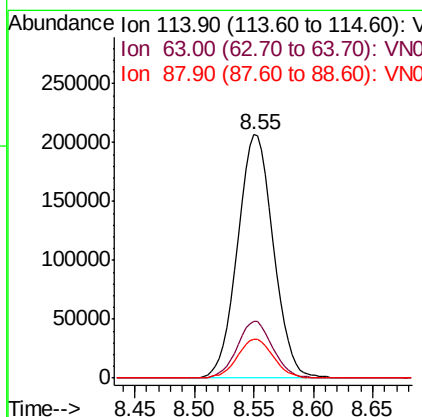
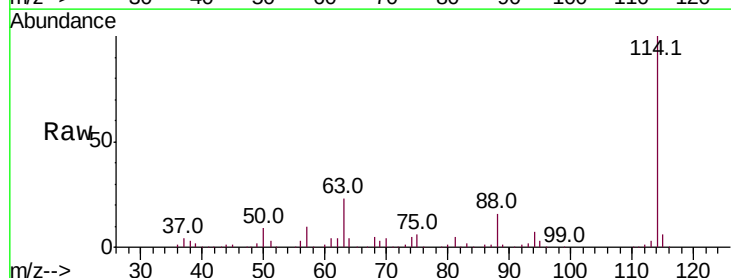
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0925WBSD01

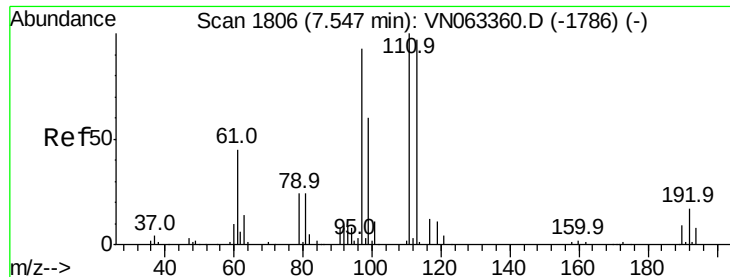
Tot Ion: 65 Resp: 218361
 Ion Ratio Lower Upper
 65 100
 67 50.0 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063677.D
 Acq: 25 Sep 2020 14:43

Tgt Ion: 114 Resp: 431541
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 46.4
 88 16.1 0.0 33.2





#35

Dibromofluoromethane

Concen: 50.494 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN063677.D

Acq: 25 Sep 2020 14:43

Instrument :

MSVOA_N

ClientSampleId :

VN0925WBSD01

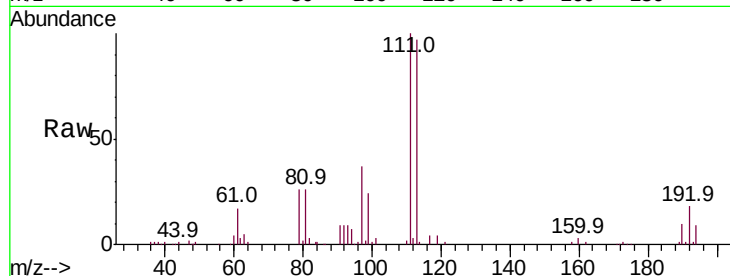
Tot Ion:113 Resp: 150848

Ion Ratio Lower Upper

113 100

111 101.5 82.9 124.3

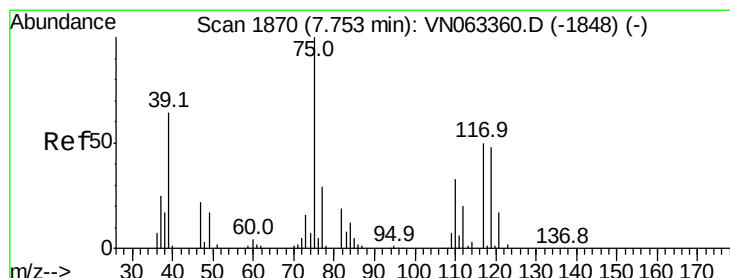
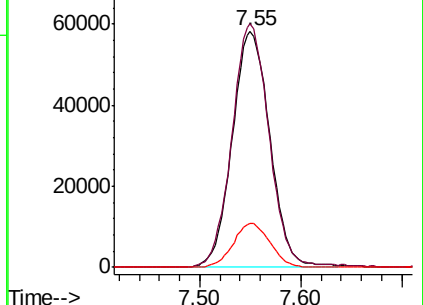
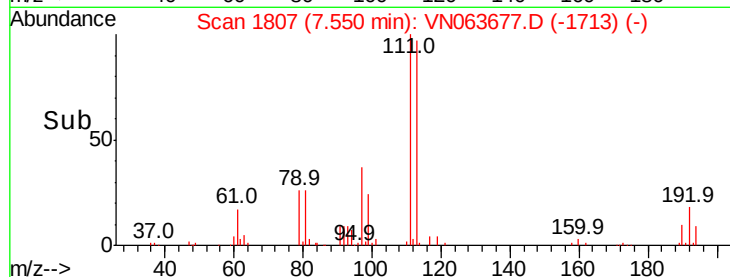
192 18.1 13.9 20.9



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: 18.307 ug/l

RT: 7.75 min Scan# 1870

Delta R.T. -0.00 min

Lab File: VN063677.D

Acq: 25 Sep 2020 14:43

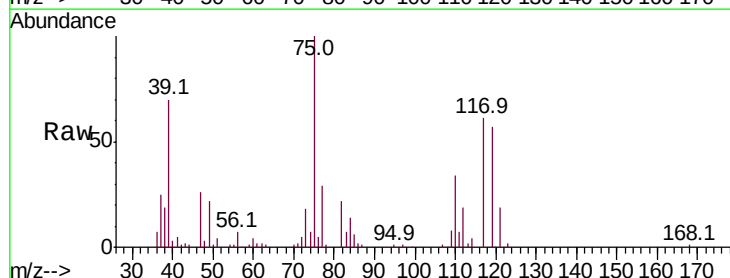
Tgt Ion: 75 Resp: 84165

Ion Ratio Lower Upper

75 100

110 33.0 16.5 49.5

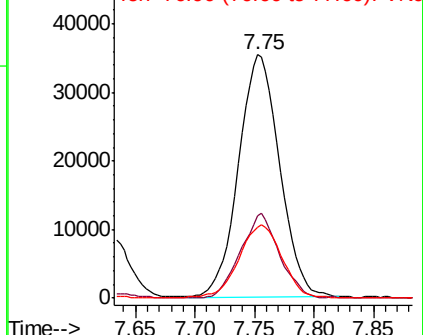
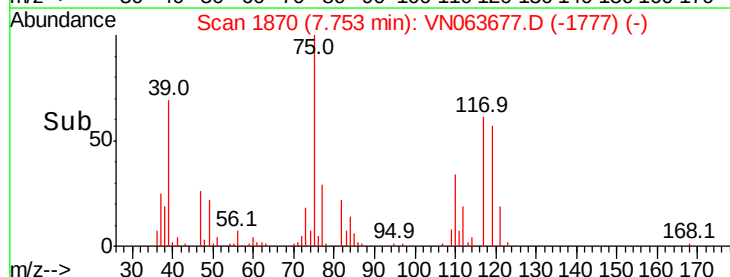
77 31.8 24.6 36.8

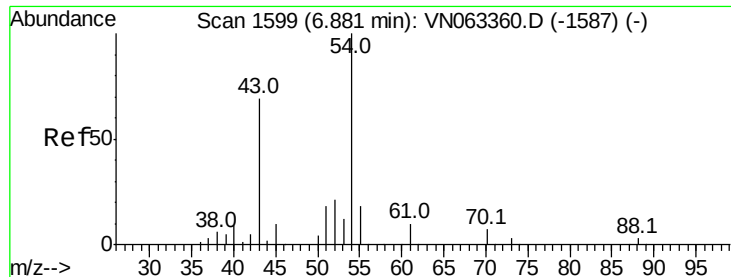


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

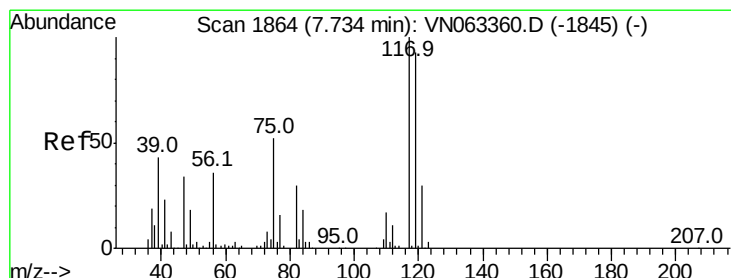
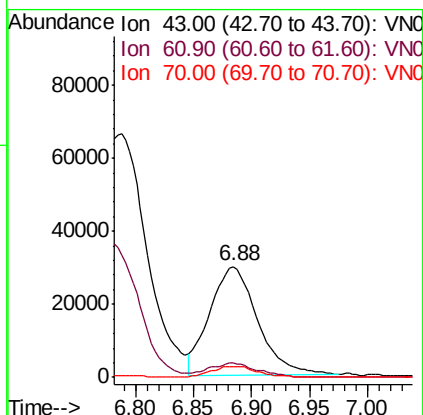
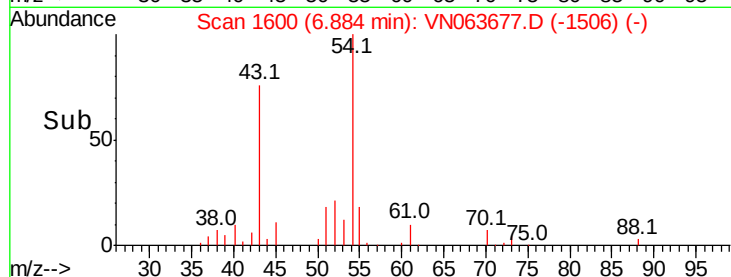
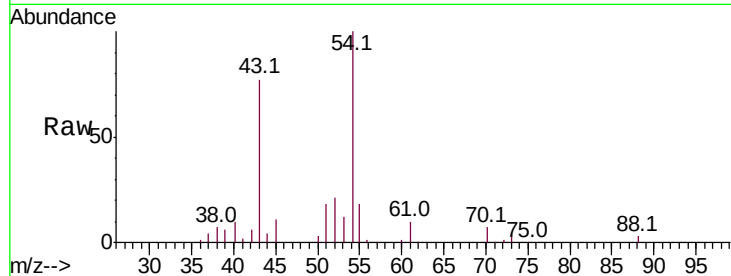




#37
Ethyl Acetate
Concen: 18.945 ug/l
RT: 6.88 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VN063677.D
Acq: 25 Sep 2020 14:43

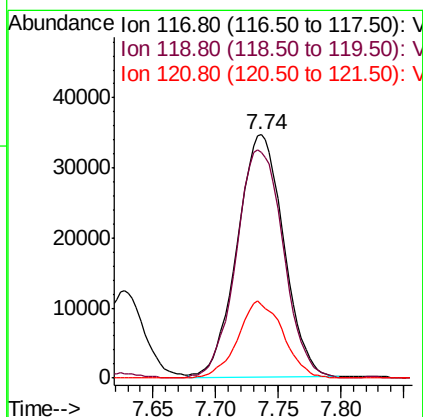
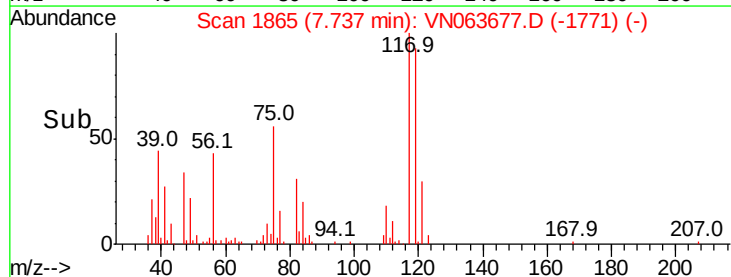
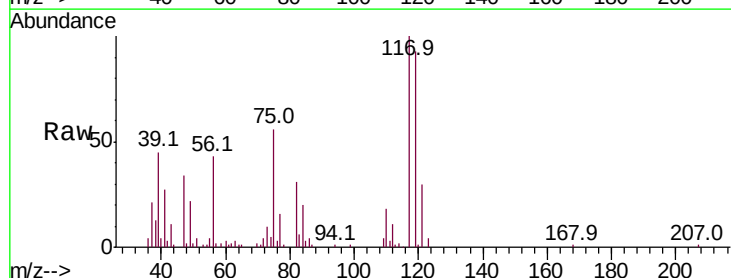
Instrument :
MSVOA_N
ClientSampleId :
VN0925WBSD01

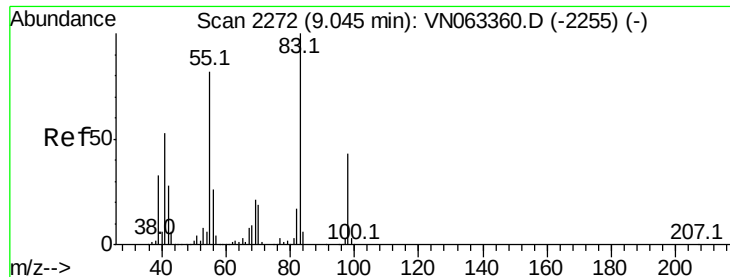
Tot Ion: 43 Resp: 85486
Ion Ratio Lower Upper
43 100
61 13.6 10.6 15.8
70 10.0 7.2 10.8



#38
Carbon Tetrachloride
Concen: 18.939 ug/l
RT: 7.74 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN063677.D
Acq: 25 Sep 2020 14:43

Tgt Ion: 117 Resp: 88885
Ion Ratio Lower Upper
117 100
119 93.1 74.5 111.7
121 30.4 24.1 36.1

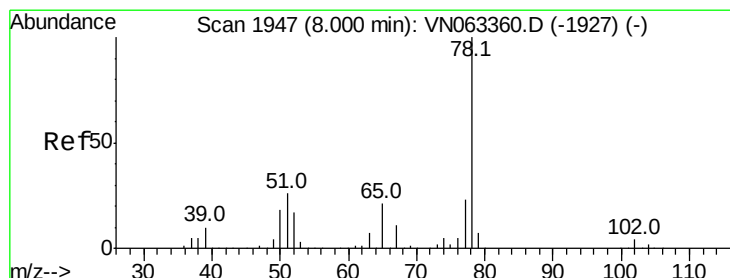
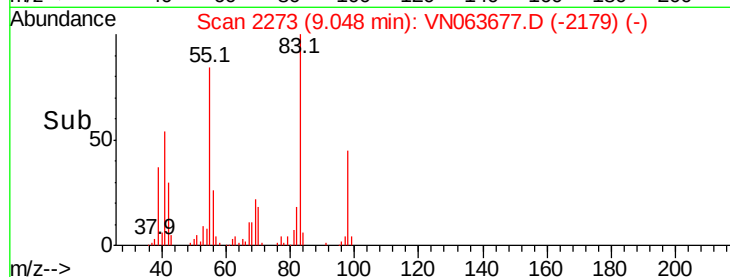
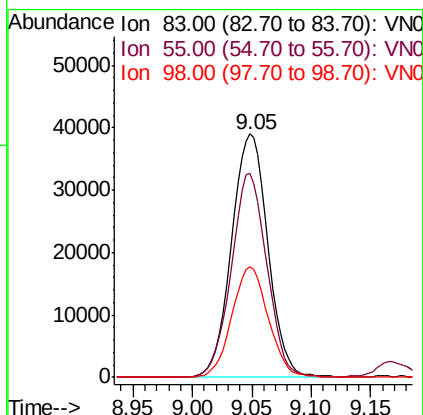
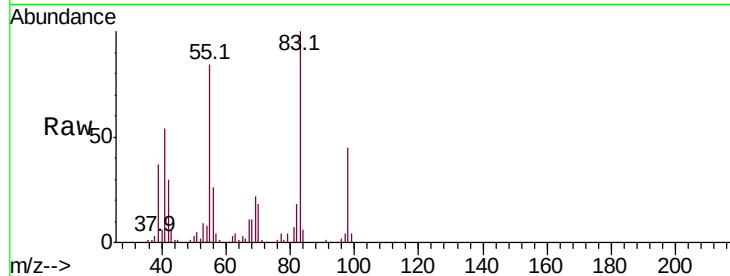




#39
Methylvlcyclohexane
Concen: 16.573 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN063677.D
Acq: 25 Sep 2020 14:43

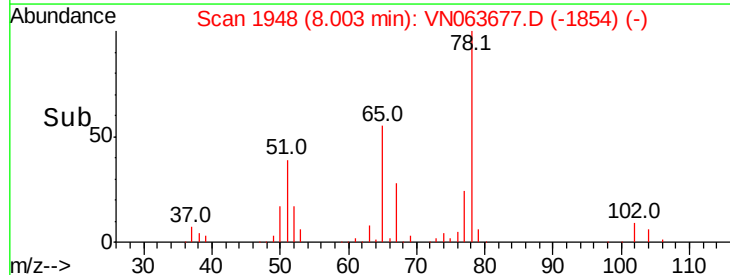
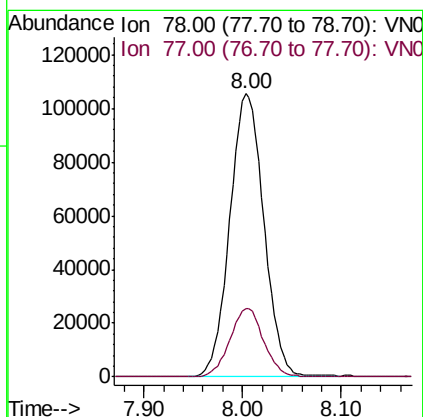
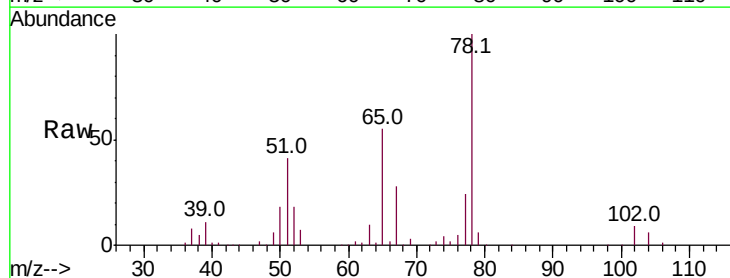
Instrument :
MSVOA_N
ClientSampleId :
VN0925WBSD01

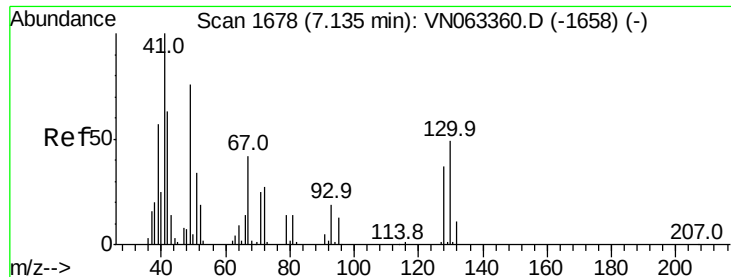
Tot Ion: 83 Resp: 82694
Ion Ratio Lower Upper
83 100
55 83.6 65.5 98.3
98 45.2 34.2 51.4



#40
Benzene
Concen: 19.254 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063677.D
Acq: 25 Sep 2020 14:43

Tgt Ion: 78 Resp: 252685
Ion Ratio Lower Upper
78 100
77 23.9 18.3 27.5





#41

Methacrylonitrile

Concen: 17.836 ug/l

RT: 7.13 min Scan# 1675

Delta R.T. -0.01 min

Lab File: VN063677.D

Acq: 25 Sep 2020 14:43

Instrument :

MSVOA_N

ClientSampleId :

VN0925WBSD01

Tot Ion: 41 Resp: 36196

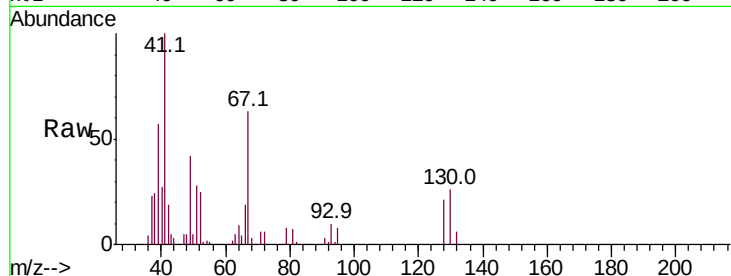
Ion Ratio Lower Upper

41 100

39 0.0 0.0 0.0

67 88.5 0.0 0.0#

52 39.9 0.0 0.0#

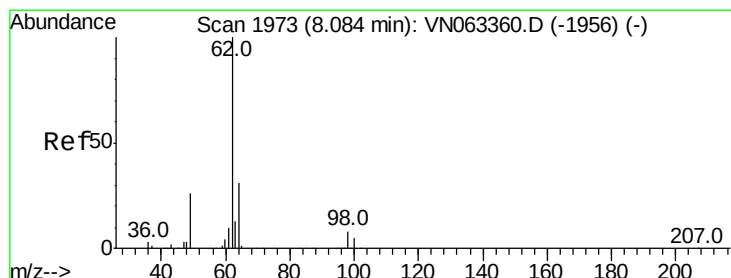
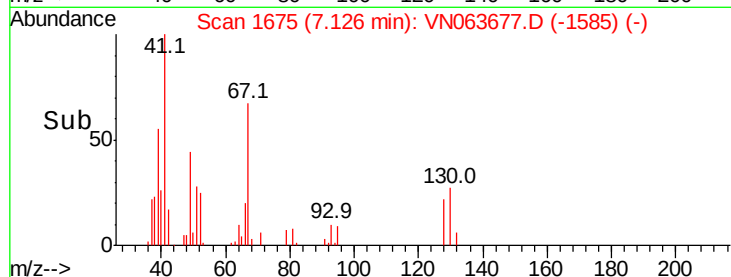
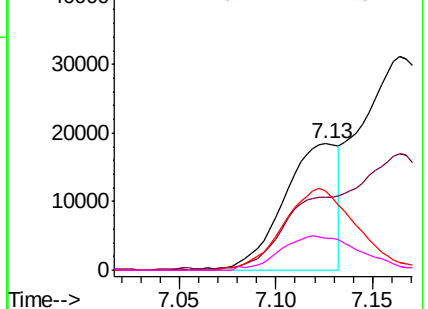


Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 67.00 (66.70 to 67.70): VNO

Ion 52.00 (51.70 to 52.70): VNO



#42

1,2-Dichloroethane

Concen: 20.267 ug/l

RT: 8.08 min Scan# 1973

Delta R.T. -0.00 min

Lab File: VN063677.D

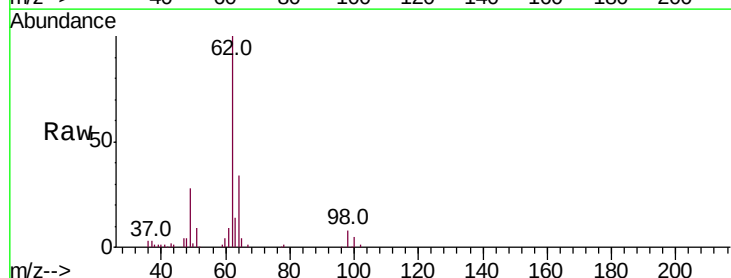
Acq: 25 Sep 2020 14:43

Tgt Ion: 62 Resp: 106964

Ion Ratio Lower Upper

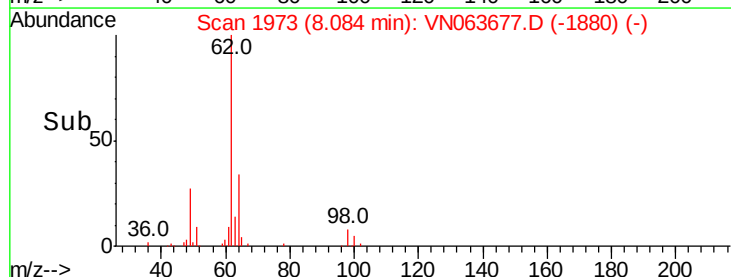
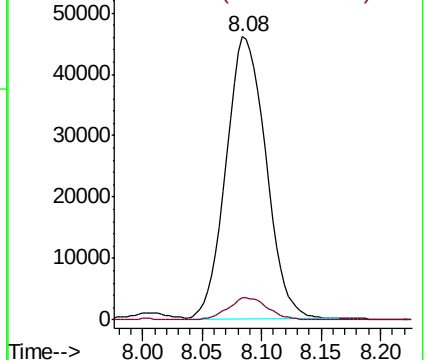
62 100

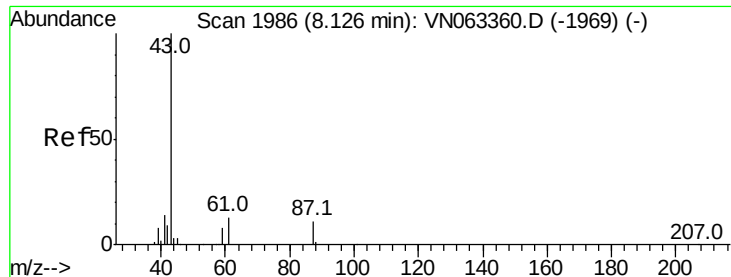
98 7.7 0.0 15.6



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 97.90 (97.60 to 98.60): VNO



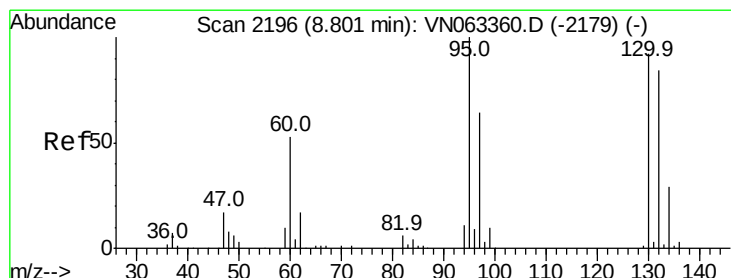
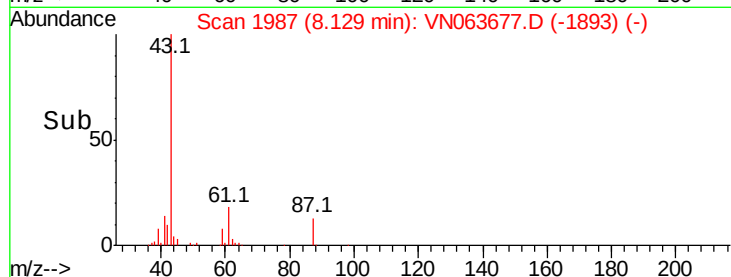
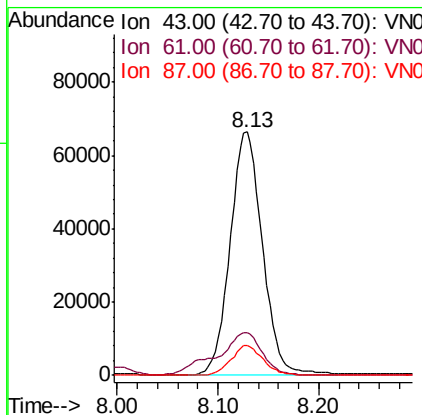
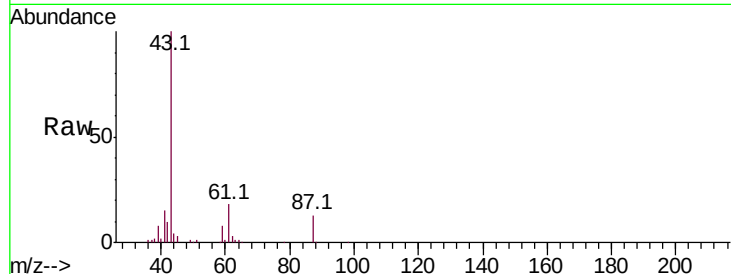


#43

Isopropyl Acetate
 Concen: 18.264 ug/l
 RT: 8.13 min Scan# 1987
 Delta R.T. 0.00 min
 Lab File: VN063677.D
 Acq: 25 Sep 2020 14:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0925WBSD01

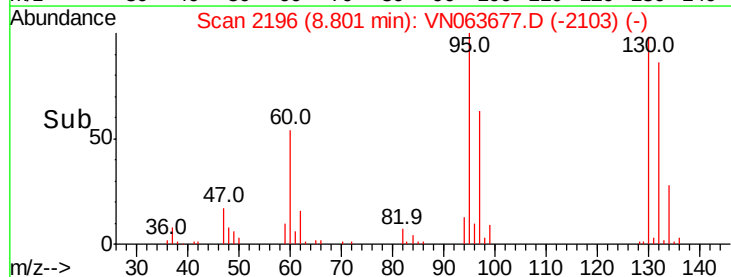
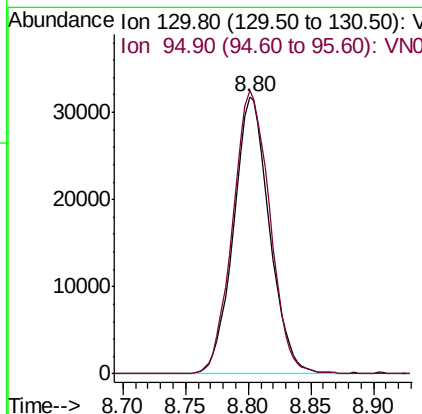
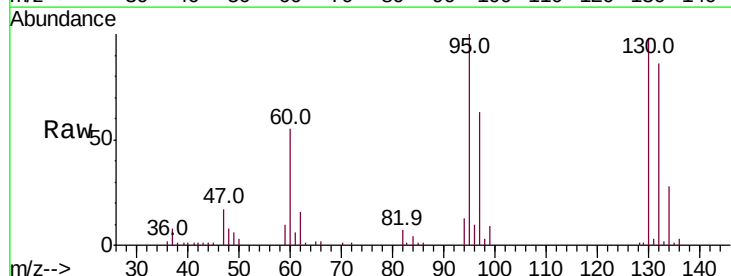
Tot Ion: 43 Resp: 147362
 Ion Ratio Lower Upper
 43 100
 61 25.0 14.2 21.2#
 87 12.2 9.0 13.6

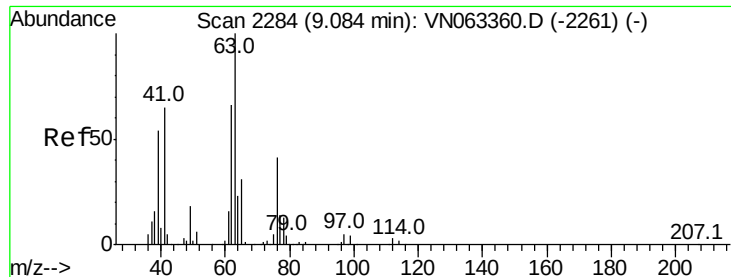


#44

Trichloroethene
 Concen: 19.845 ug/l
 RT: 8.80 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: VN063677.D
 Acq: 25 Sep 2020 14:43

Tgt Ion: 130 Resp: 63170
 Ion Ratio Lower Upper
 130 100
 95 102.1 0.0 217.4





#45

1,2-Dichloropropane

Concen: 19.455 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN063677.D

Acq: 25 Sep 2020 14:43

Instrument :

MSVOA_N

ClientSampleId :

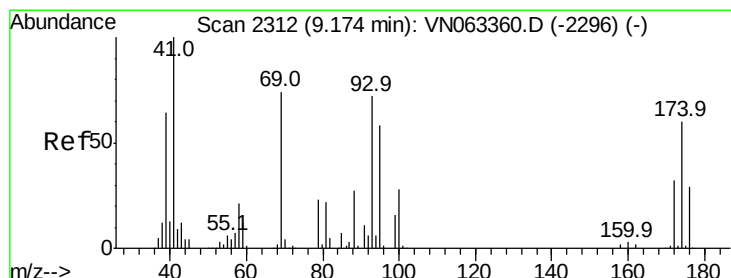
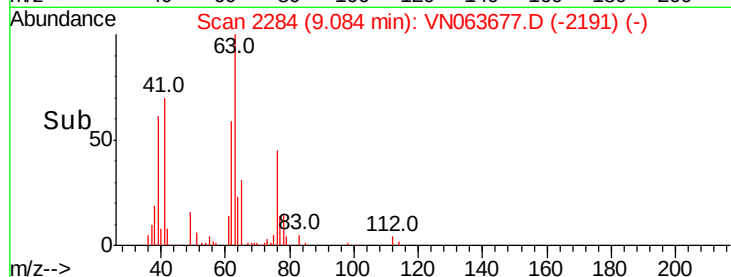
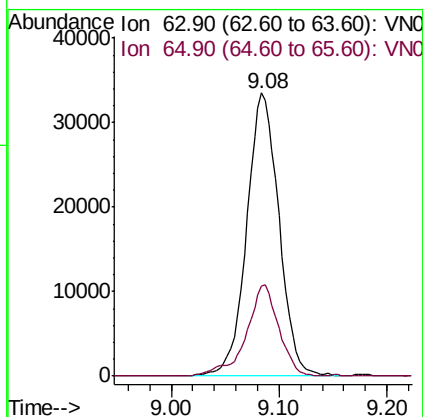
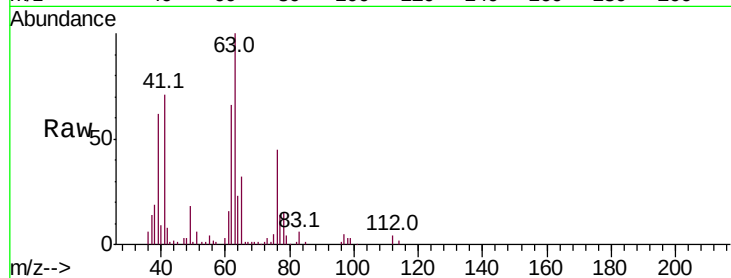
VN0925WBSD01

Tot Ion: 63 Resp: 69540

Ion Ratio Lower Upper

63 100

65 32.0 25.0 37.6



#46

Dibromomethane

Concen: 20.533 ug/l

RT: 9.18 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN063677.D

Acq: 25 Sep 2020 14:43

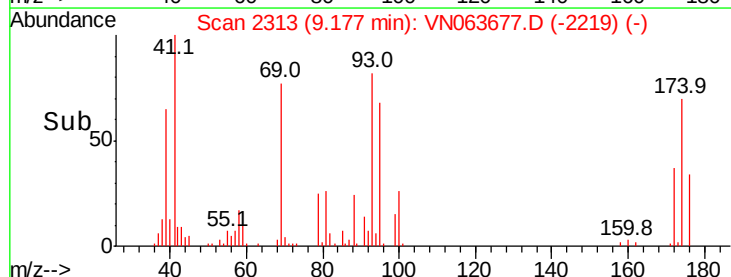
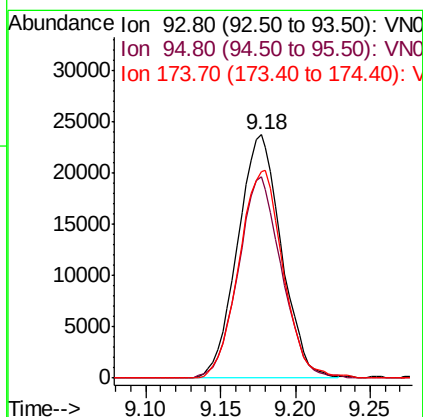
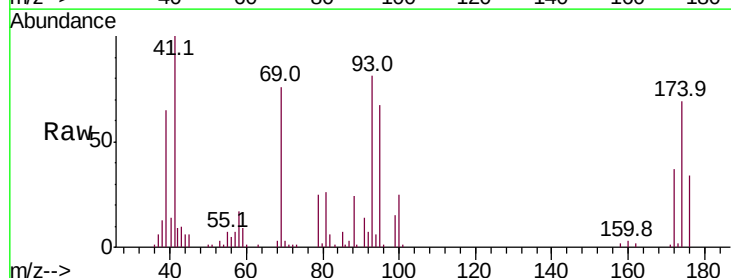
Tgt Ion: 93 Resp: 48238

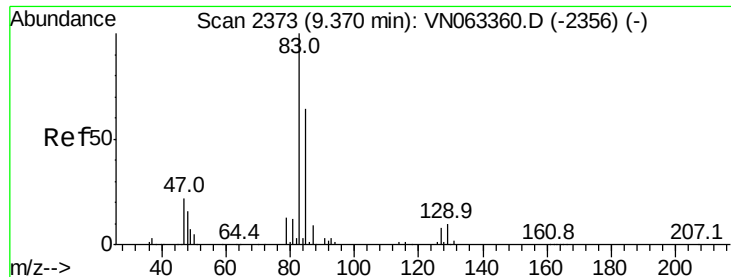
Ion Ratio Lower Upper

93 100

95 81.7 65.6 98.4

174 86.1 68.1 102.1





#47

Bromodichloromethane

Concen: 19.672 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN063677.D

Acq: 25 Sep 2020 14:43

Instrument :

MSVOA_N

ClientSampleId :

VN0925WBSD01

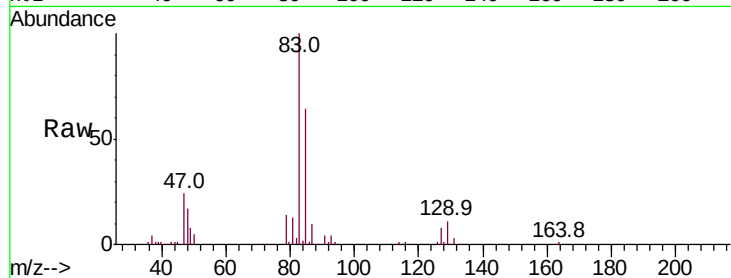
Tot Ion: 83 Resp: 96013

Ion Ratio Lower Upper

83 100

85 63.8 51.0 76.6

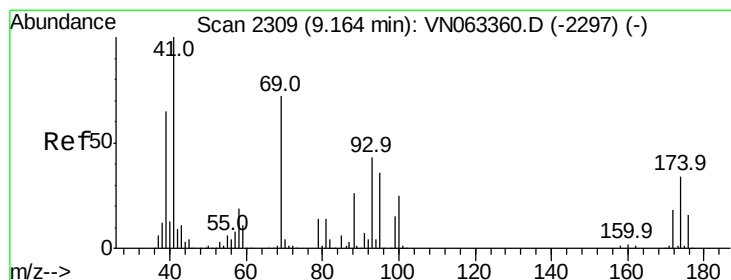
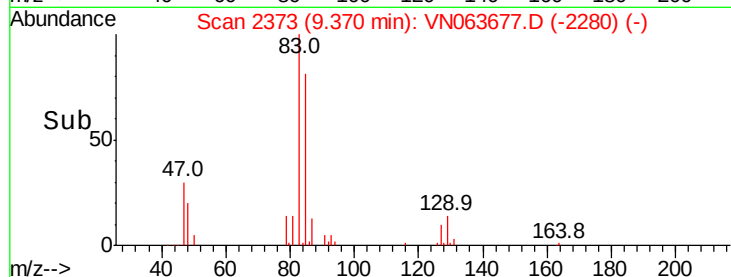
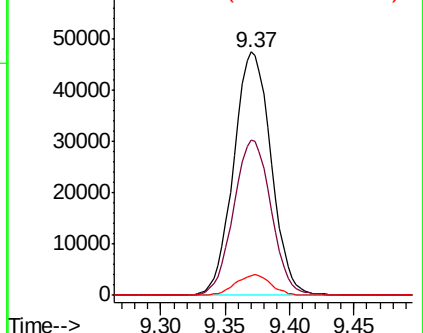
127 8.2 6.3 9.5



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 18.367 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN063677.D

Acq: 25 Sep 2020 14:43

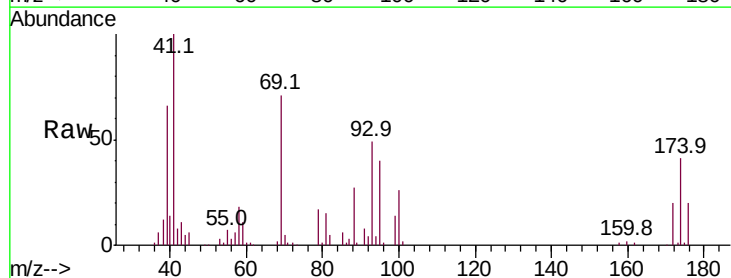
Tgt Ion: 41 Resp: 72809

Ion Ratio Lower Upper

41 100

69 76.3 59.3 88.9

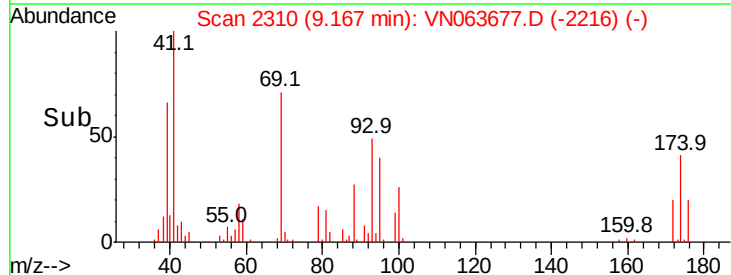
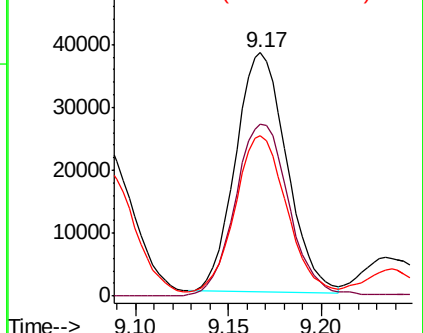
39 67.9 52.9 79.3

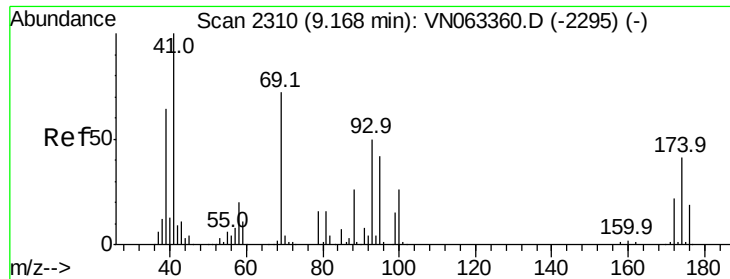


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 364.062 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN063677.D

Acq: 25 Sep 2020 14:43

Instrument :

MSVOA_N

ClientSampleId :

VN0925WBSD01

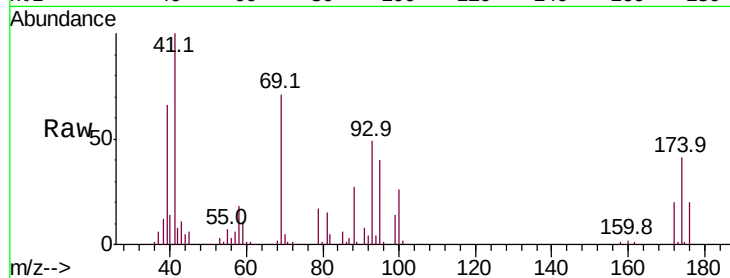
Tot Ion: 88 Resp: 20710

Ion Ratio Lower Upper

88 100

43 35.5 32.6 49.0

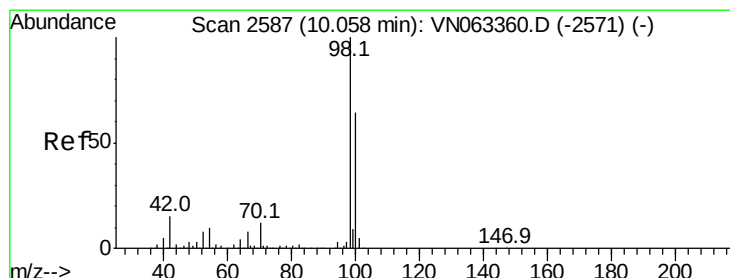
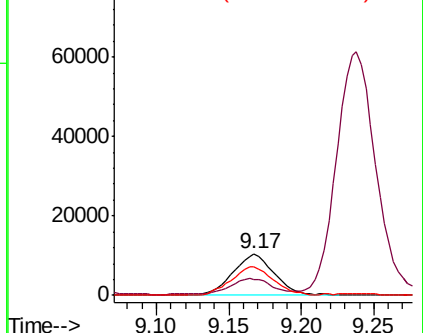
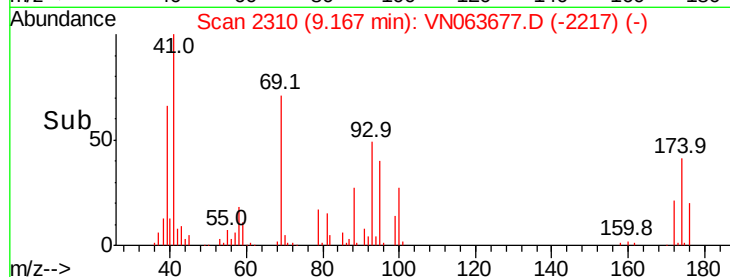
58 69.9 60.0 90.0



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 48.945 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063677.D

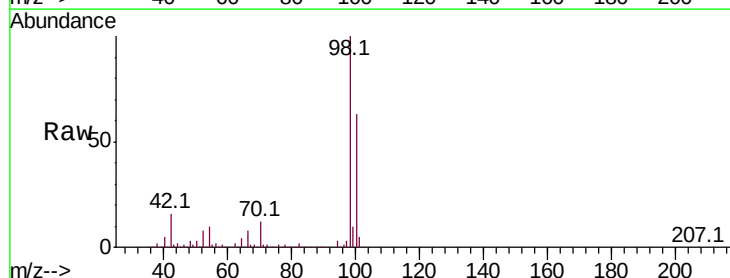
Acq: 25 Sep 2020 14:43

Tgt Ion: 98 Resp: 549823

Ion Ratio Lower Upper

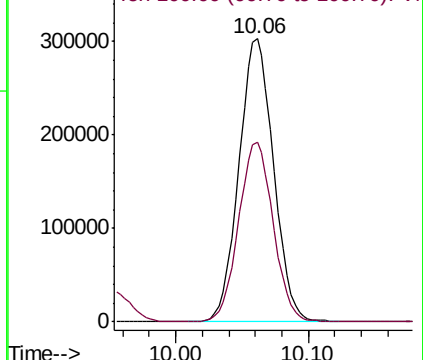
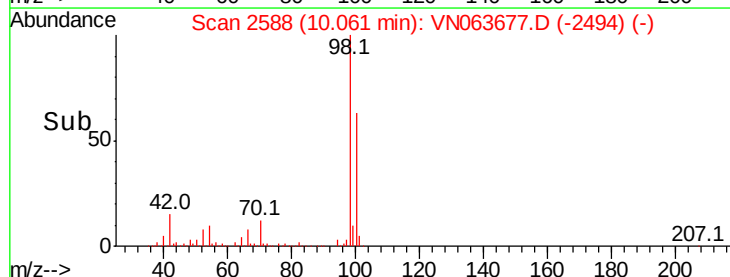
98 100

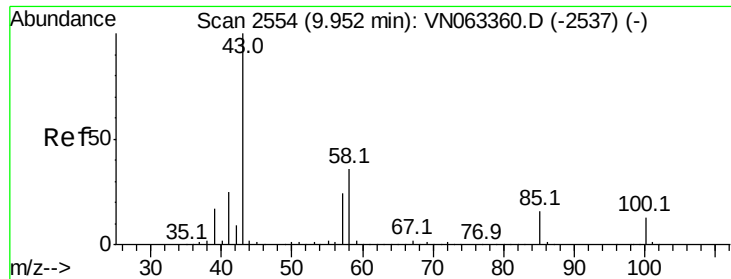
100 63.1 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 99.178 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN063677.D

Acq: 25 Sep 2020 14:43

Instrument :

MSVOA_N

ClientSampled :

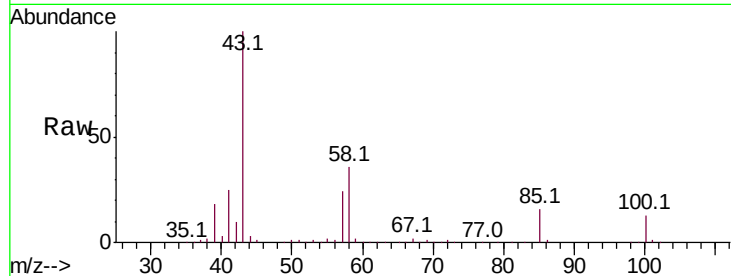
VN0925WBSD01

Tot Ion: 43 Resp: 447976

Ion Ratio Lower Upper

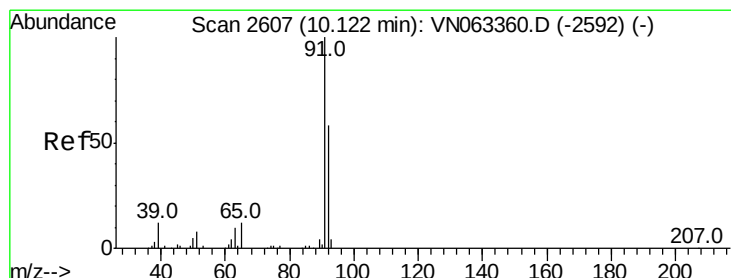
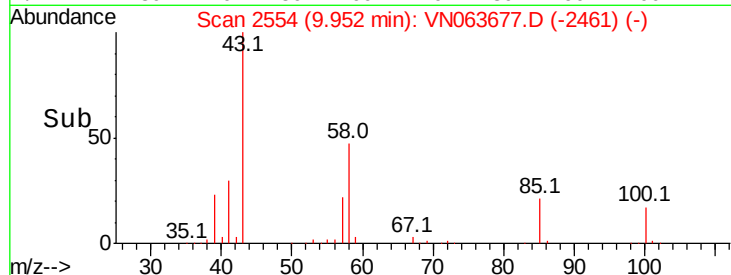
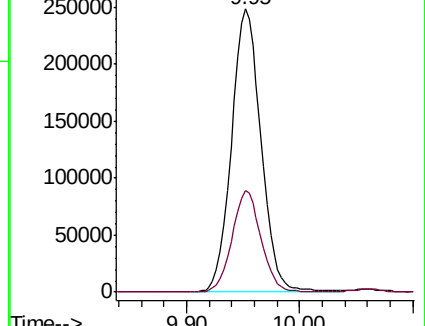
43 100

58 35.3 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 19.666 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063677.D

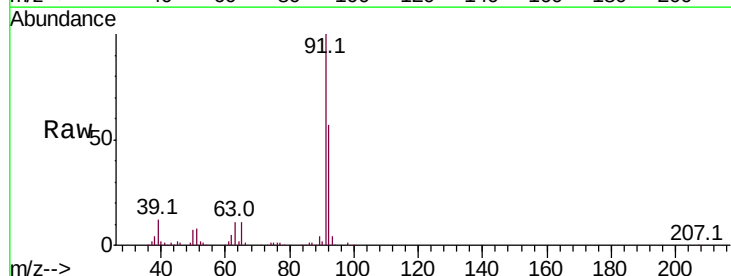
Acq: 25 Sep 2020 14:43

Tgt Ion: 92 Resp: 155175

Ion Ratio Lower Upper

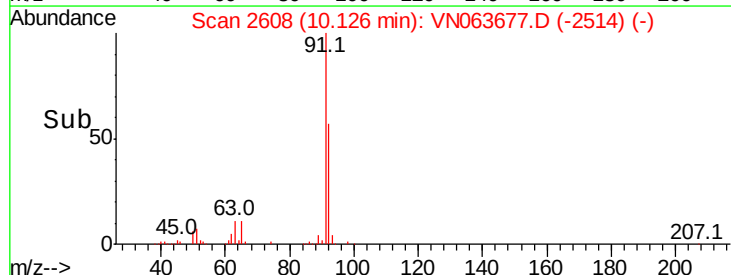
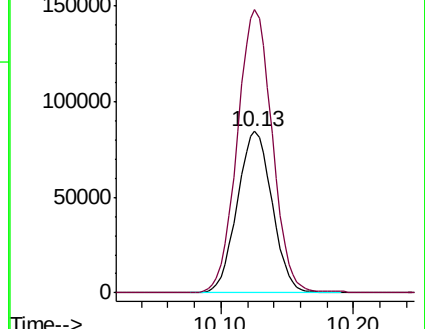
92 100

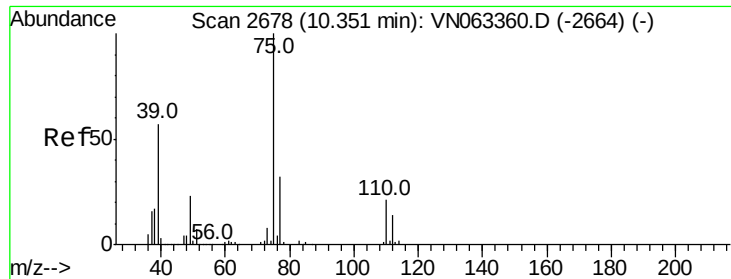
91 174.6 139.7 209.5



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 18.931 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. 0.00 min

Lab File: VN063677.D

Acq: 25 Sep 2020 14:43

Instrument :

MSVOA_N

ClientSampleId :

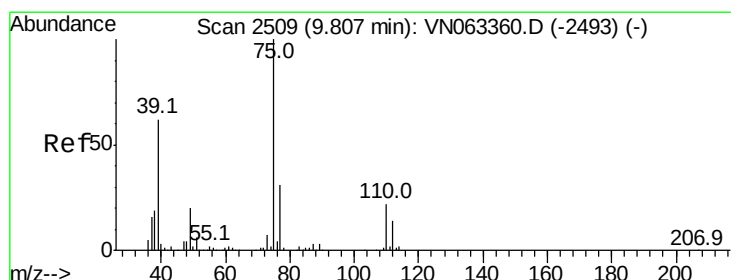
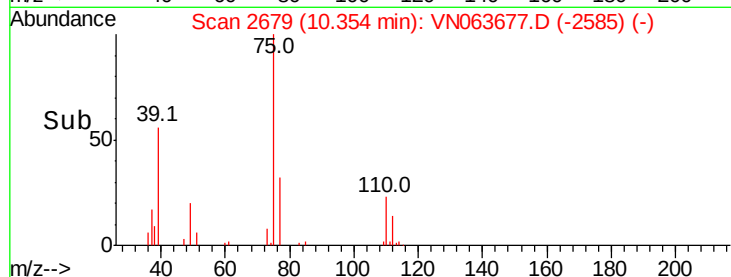
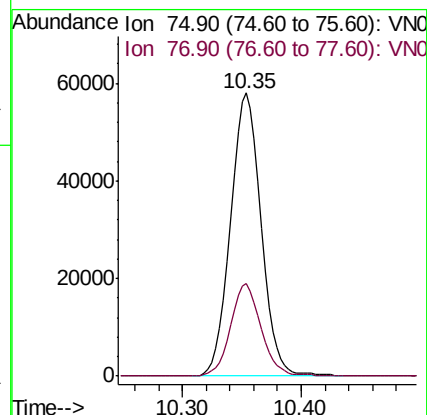
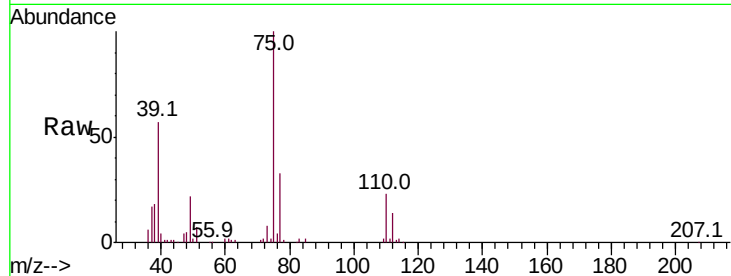
VN0925WBSD01

Tot Ion: 75 Resp: 103150

Ion Ratio Lower Upper

75 100

77 32.6 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 18.719 ug/l

RT: 9.81 min Scan# 2510

Delta R.T. 0.00 min

Lab File: VN063677.D

Acq: 25 Sep 2020 14:43

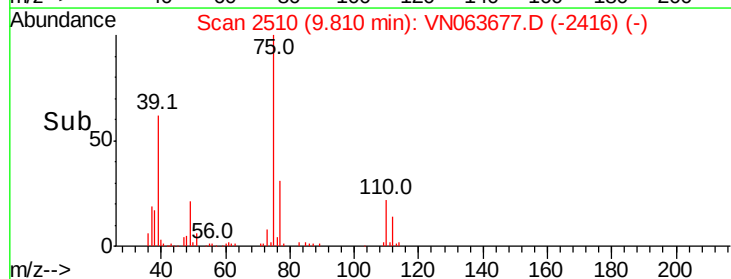
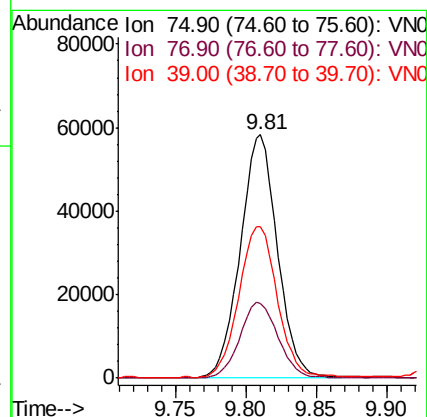
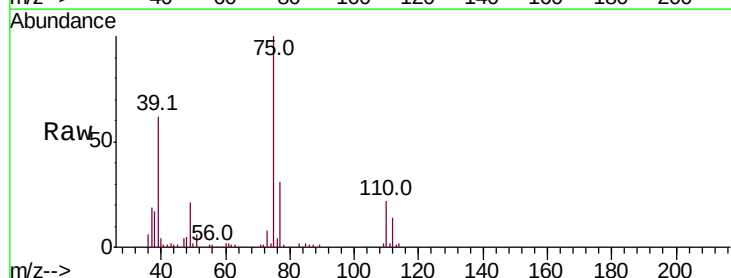
Tgt Ion: 75 Resp: 107582

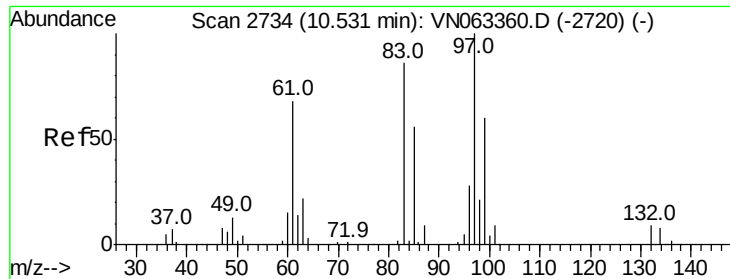
Ion Ratio Lower Upper

75 100

77 30.7 24.6 37.0

39 62.2 49.8 74.8





#55

1,1,2-Trichloroethane

Concen: 20.183 ug/l

RT: 10.53 min Scan# 2734

Delta R.T. -0.00 min

Lab File: VN063677.D

Acq: 25 Sep 2020 14:43

Instrument :

MSVOA_N

ClientSampleId :

VN0925WBSD01

Tot Ion: 97 Resp: 63256

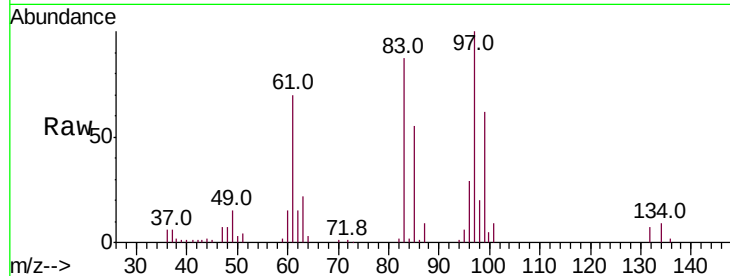
Ion Ratio Lower Upper

97 100

83 86.8 68.9 103.3

85 55.3 44.8 67.2

99 62.0 47.8 71.8

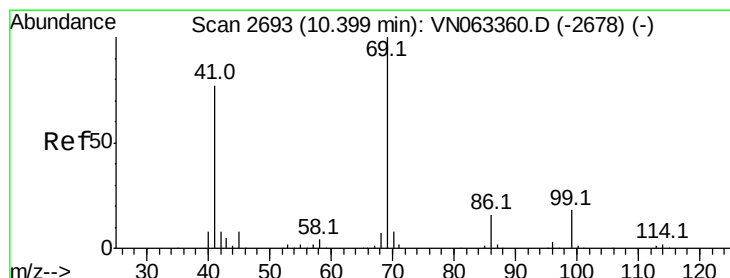
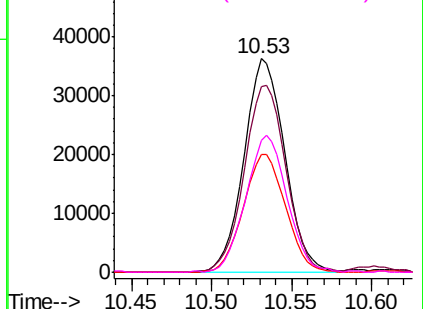
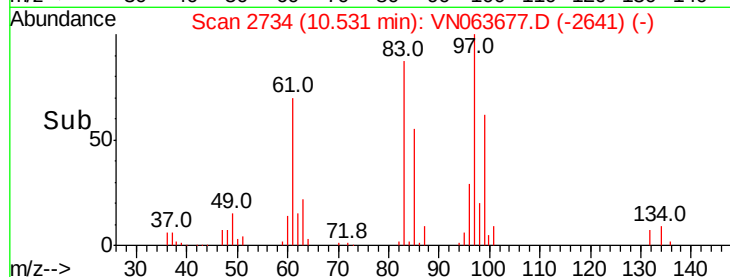


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 18.490 ug/l

RT: 10.40 min Scan# 2694

Delta R.T. 0.00 min

Lab File: VN063677.D

Acq: 25 Sep 2020 14:43

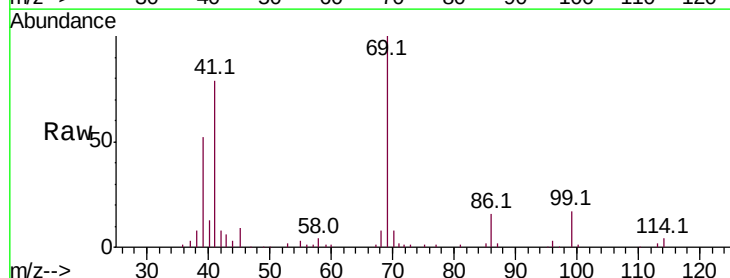
Tgt Ion: 69 Resp: 90469

Ion Ratio Lower Upper

69 100

41 77.9 61.0 91.6

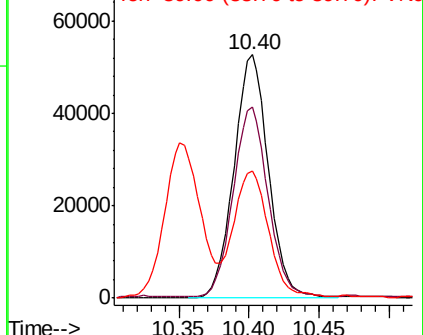
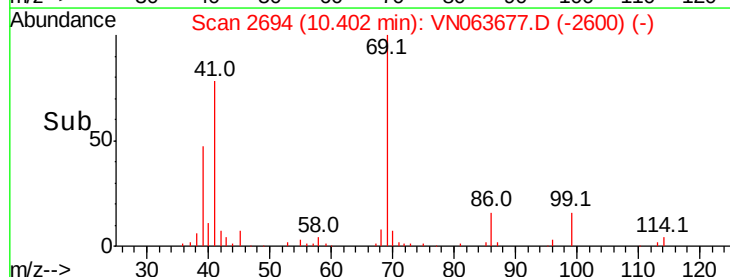
39 51.2 39.2 58.8

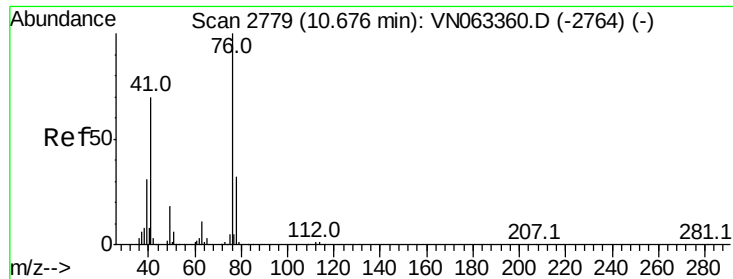


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

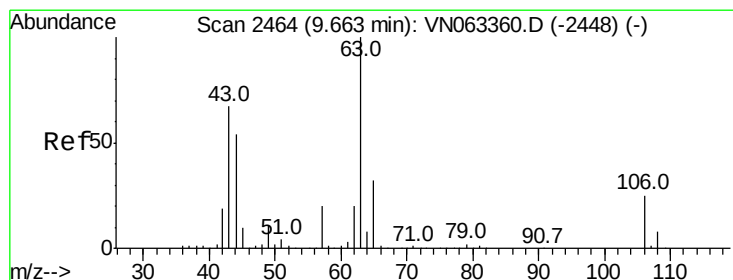
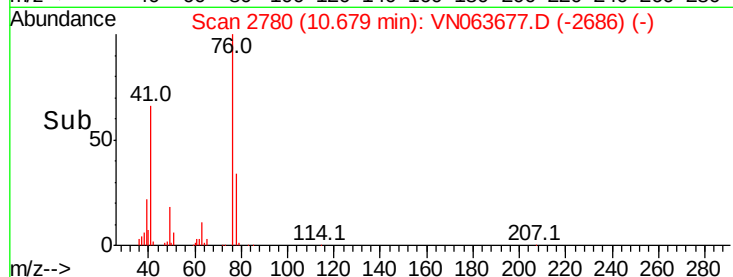
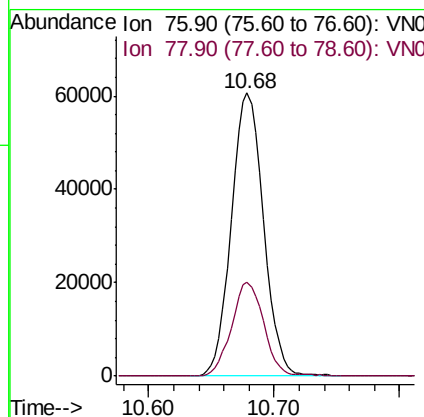
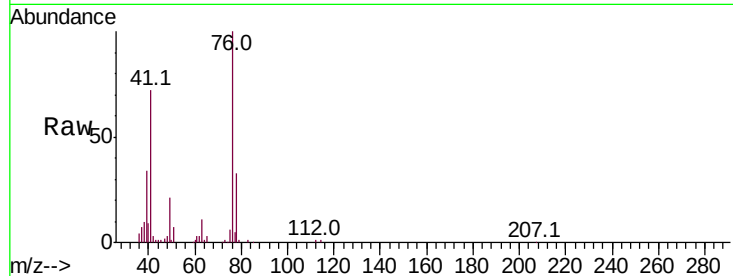




#57
 1,3-Dichloropropane
 Concen: 19.122 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: VN063677.D
 Acq: 25 Sep 2020 14:43

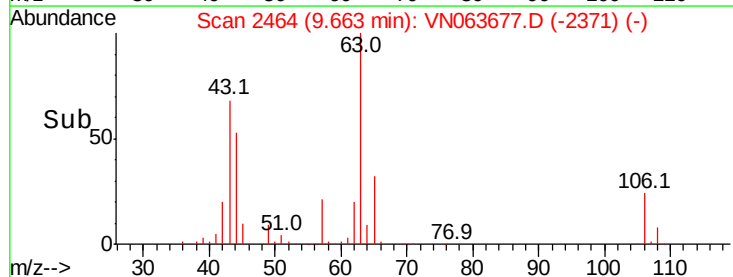
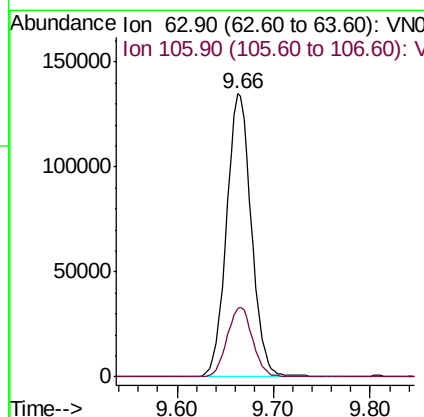
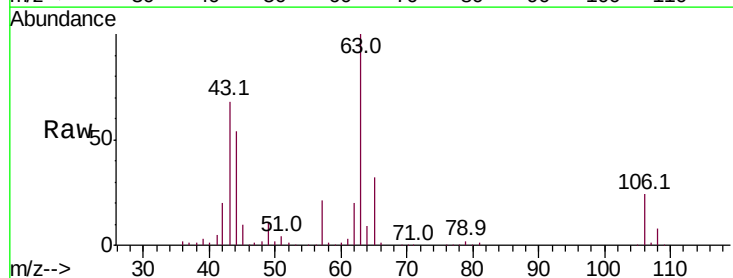
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0925WBSD01

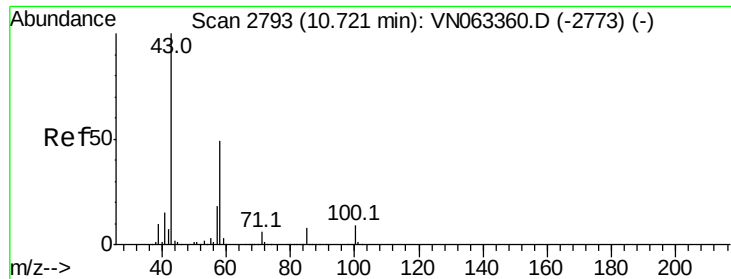
Tot Ion: 76 Resp: 108079
 Ion Ratio Lower Upper
 76 100
 78 33.5 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 93.486 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. -0.00 min
 Lab File: VN063677.D
 Acq: 25 Sep 2020 14:43

Tgt Ion: 63 Resp: 239950
 Ion Ratio Lower Upper
 63 100
 106 25.2 19.5 29.3

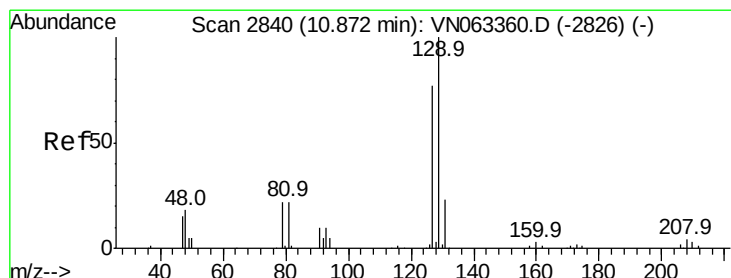
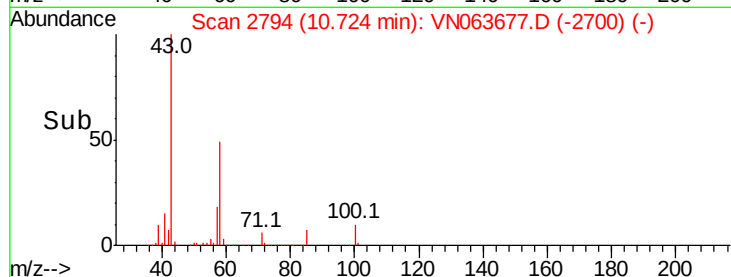
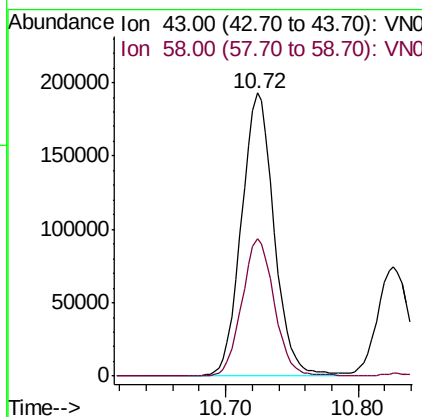
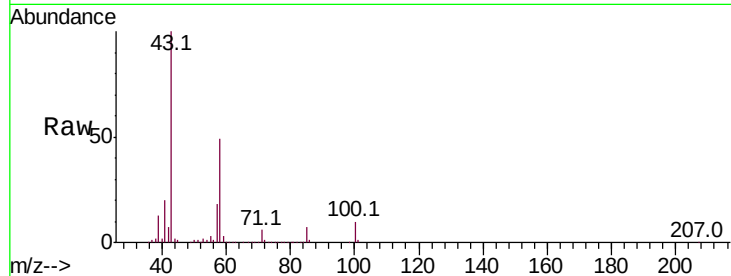




#59
2-Hexanone
Concen: 100.033 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN063677.D
Acq: 25 Sep 2020 14:43

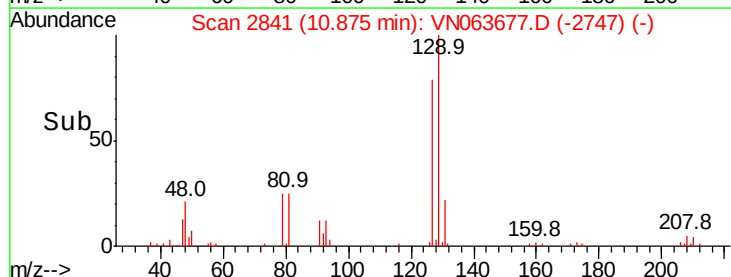
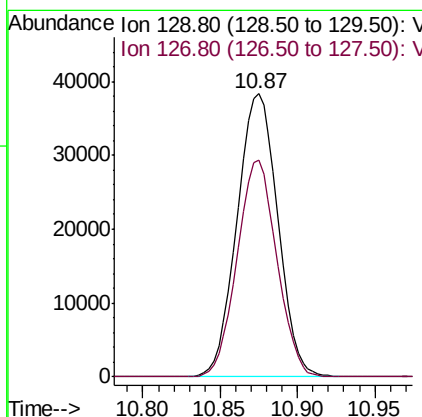
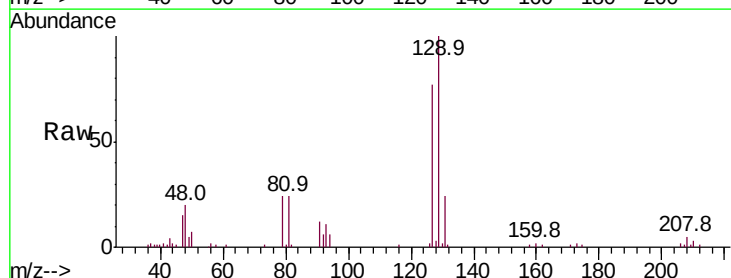
Instrument :
MSVOA_N
ClientSampleId :
VN0925WBSD01

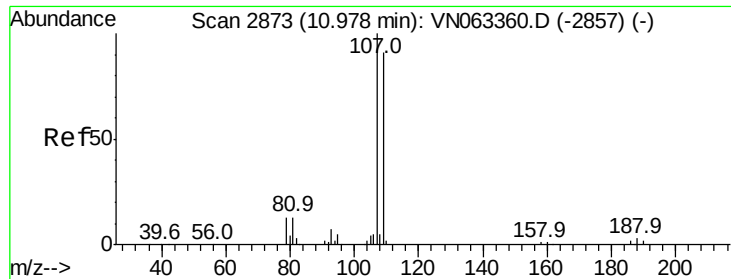
Tot Ion: 43 Resp: 327345
Ion Ratio Lower Upper
43 100
58 48.9 24.7 74.1



#60
Dibromochloromethane
Concen: 19.868 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN063677.D
Acq: 25 Sep 2020 14:43

Tgt Ion: 129 Resp: 70349
Ion Ratio Lower Upper
129 100
127 74.5 39.1 117.3





#61

1,2-Dibromoethane

Concen: 19.504 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. -0.00 min

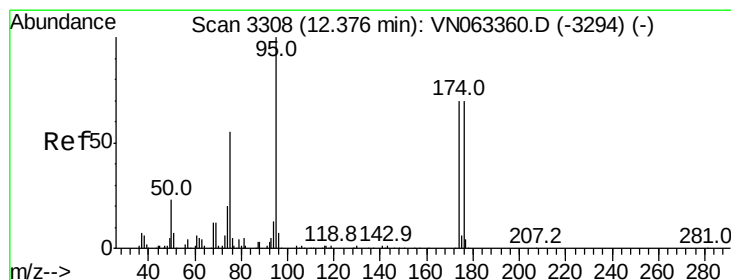
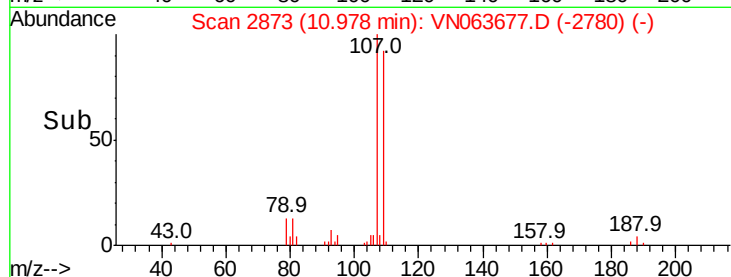
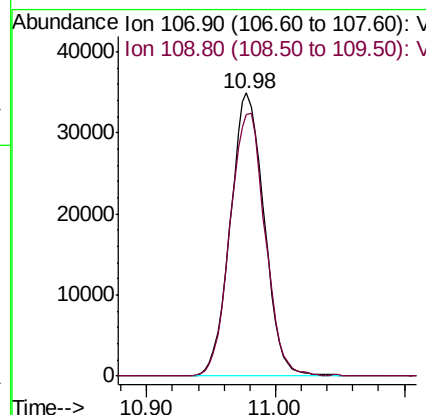
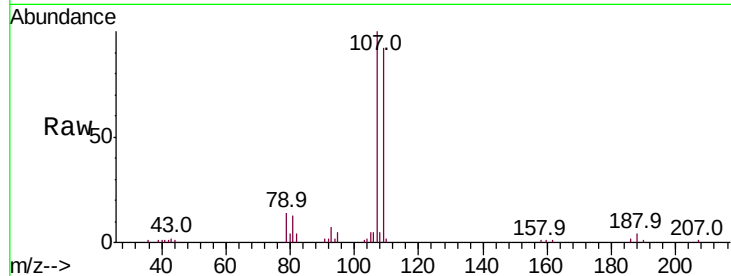
Lab File: VN063677.D

Acq: 25 Sep 2020 14:43

Instrument :
MSVOA_N
ClientSampleId :
VN0925WBSD01

Tot Ion:107 Resp: 63509

Ion	Ratio	Lower	Upper
107	100		
109	96.4	74.6	111.8



#62

4-Bromofluorobenzene

Concen: 50.071 ug/l

RT: 12.38 min Scan# 3308

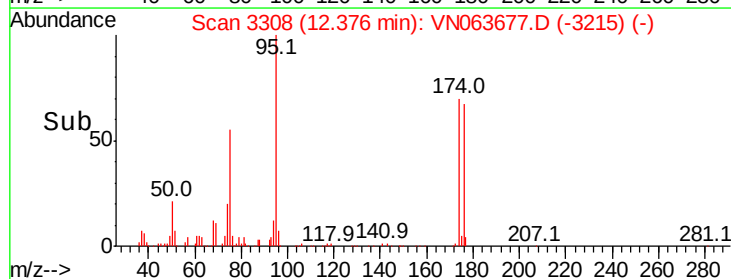
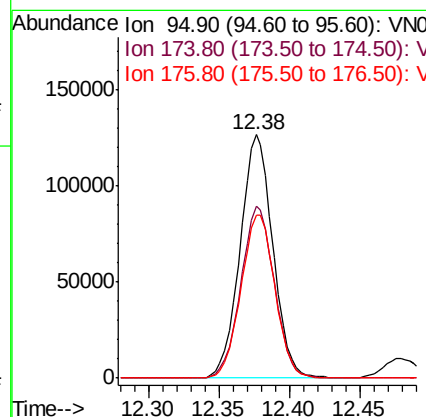
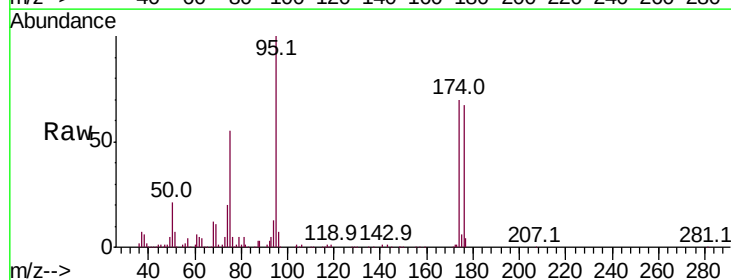
Delta R.T. -0.00 min

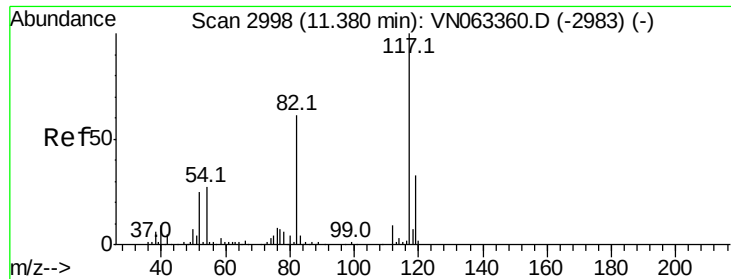
Lab File: VN063677.D

Acq: 25 Sep 2020 14:43

Tgt Ion: 95 Resp: 206190

Ion	Ratio	Lower	Upper
95	100		
174	72.2	0.0	140.8
176	69.5	0.0	137.6

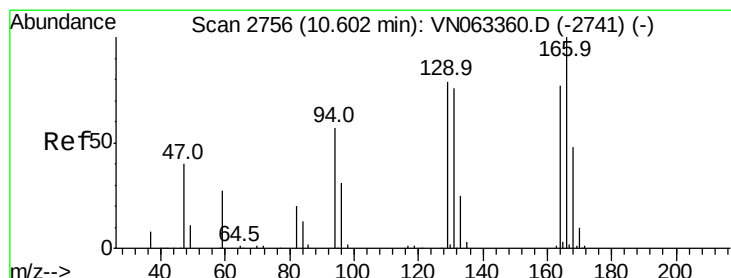
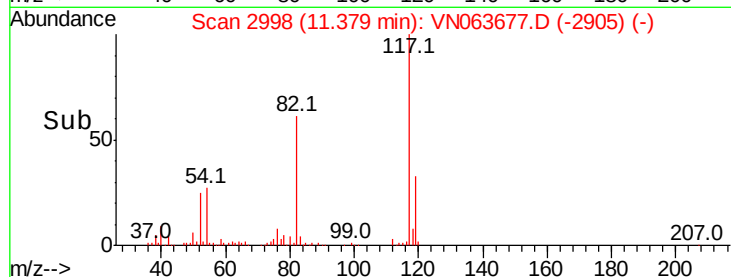
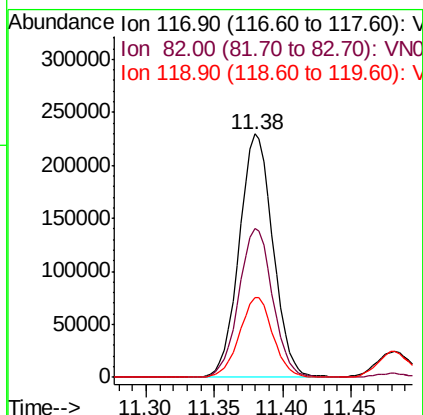
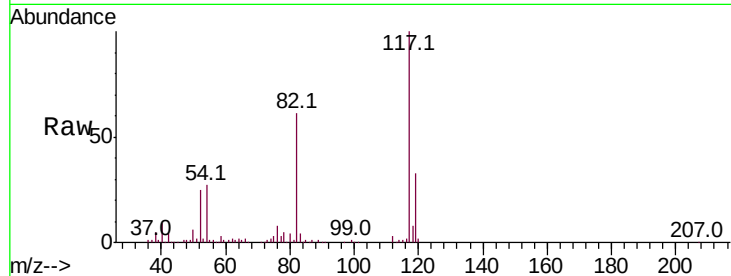




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063677.D
Acq: 25 Sep 2020 14:43

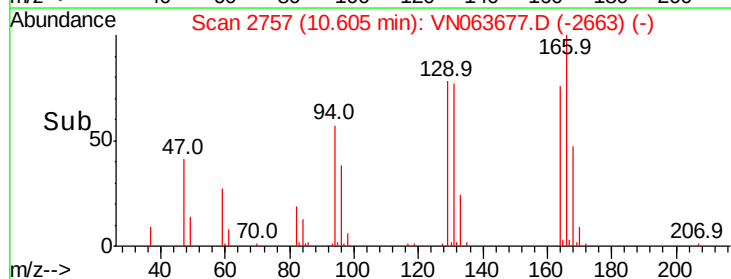
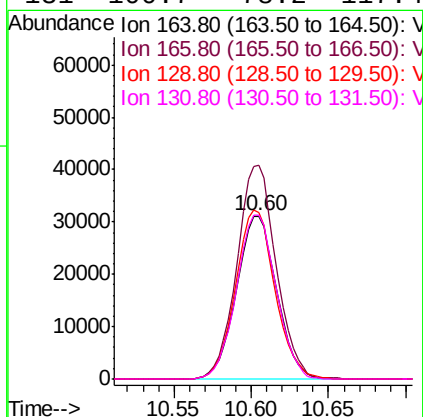
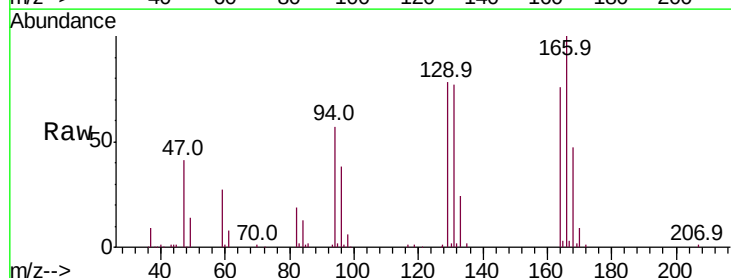
Instrument :
MSVOA_N
ClientSampleId :
VN0925WBSD01

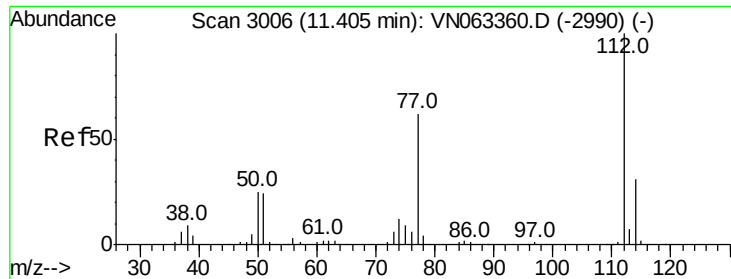
Tot Ion:117 Resp: 394749
Ion Ratio Lower Upper
117 100
82 61.1 49.2 73.8
119 32.9 26.2 39.4



#64
Tetrachloroethene
Concen: 20.838 ug/l
RT: 10.60 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VN063677.D
Acq: 25 Sep 2020 14:43

Tgt Ion:164 Resp: 56012
Ion Ratio Lower Upper
164 100
166 130.9 103.4 155.0
129 101.9 81.8 122.6
131 100.7 78.2 117.4

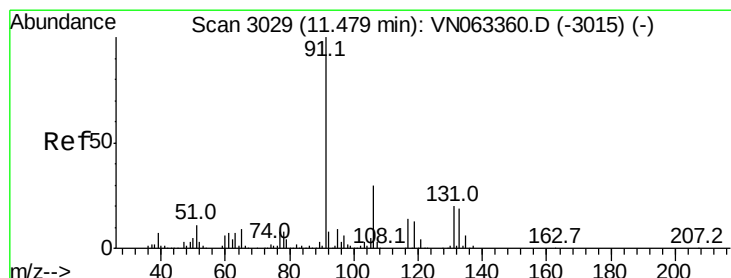
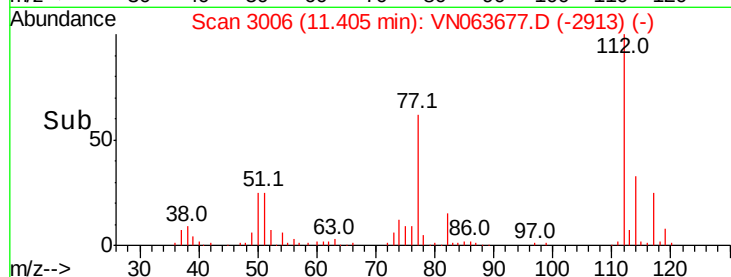
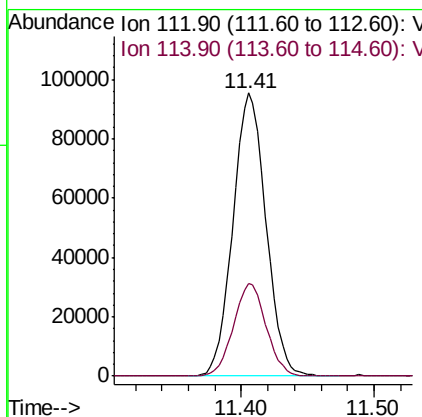
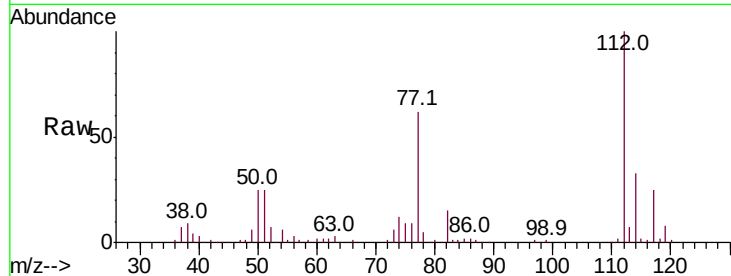




#65
Chlorobenzene
Concen: 19.702 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN063677.D
Acq: 25 Sep 2020 14:43

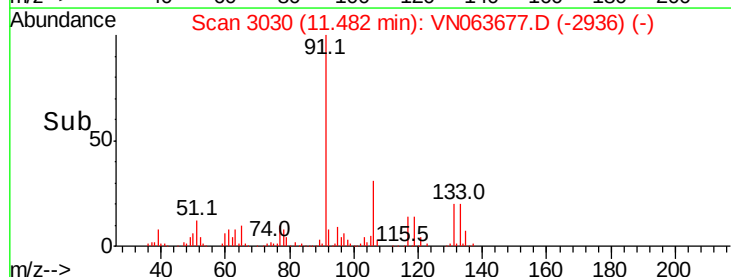
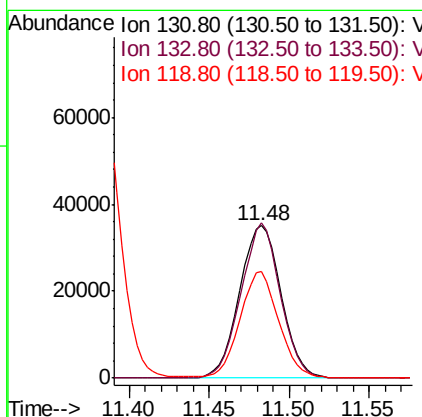
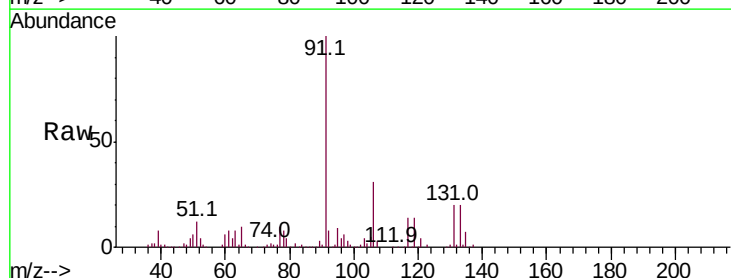
Instrument :
MSVOA_N
ClientSampled :
VN0925WBSD01

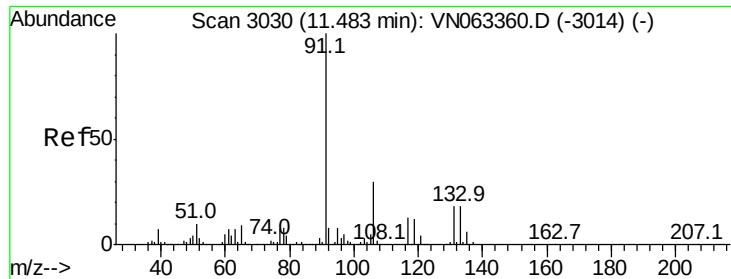
Tot Ion:112 Resp: 165089
Ion Ratio Lower Upper
112 100
114 32.7 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.323 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063677.D
Acq: 25 Sep 2020 14:43

Tgt Ion:131 Resp: 62424
Ion Ratio Lower Upper
131 100
133 96.1 47.3 141.9
119 64.6 33.6 100.8





#67

Ethyl Benzene

Concen: 18.866 ug/l

RT: 11.49 min Scan# 3031

Delta R.T. 0.00 min

Lab File: VN063677.D

Acq: 25 Sep 2020 14:43

Instrument :

MSVOA_N

ClientSampled :

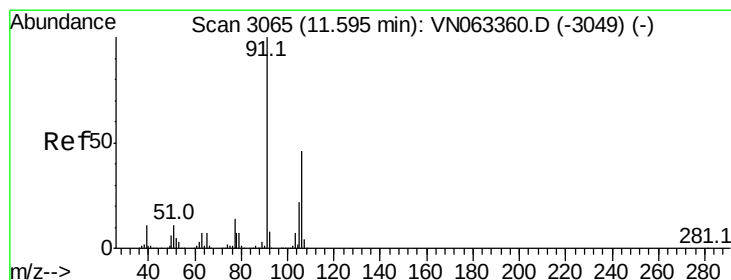
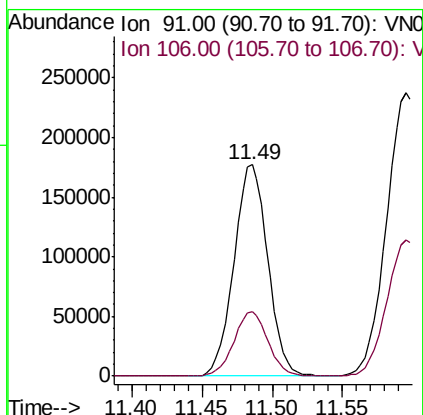
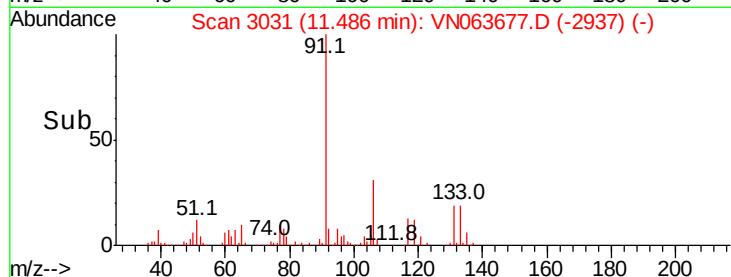
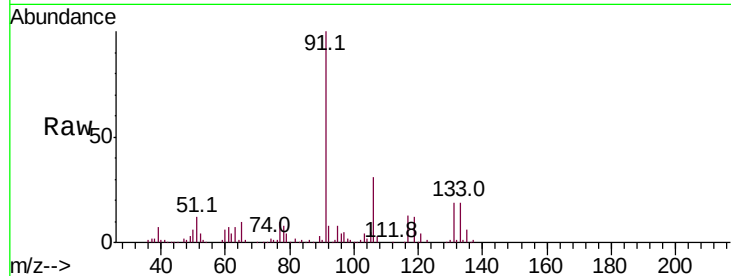
VN0925WBSD01

Tot Ion: 91 Resp: 297710

Ion Ratio Lower Upper

91 100

106 30.8 23.8 35.6



#68

m/p-Xylenes

Concen: 38.417 ug/l

RT: 11.59 min Scan# 3065

Delta R.T. -0.00 min

Lab File: VN063677.D

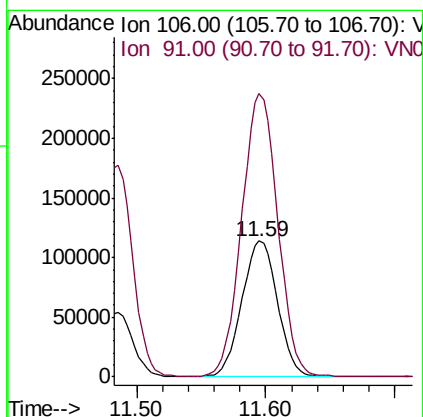
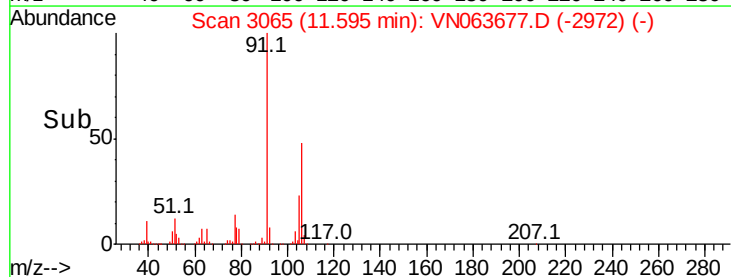
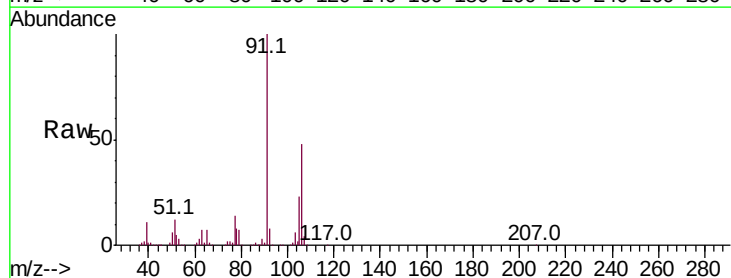
Acq: 25 Sep 2020 14:43

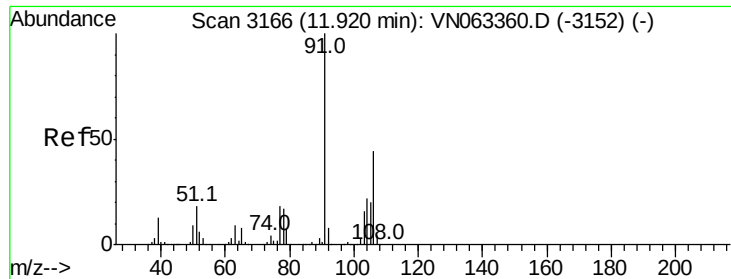
Tgt Ion:106 Resp: 218571

Ion Ratio Lower Upper

106 100

91 211.3 171.2 256.8

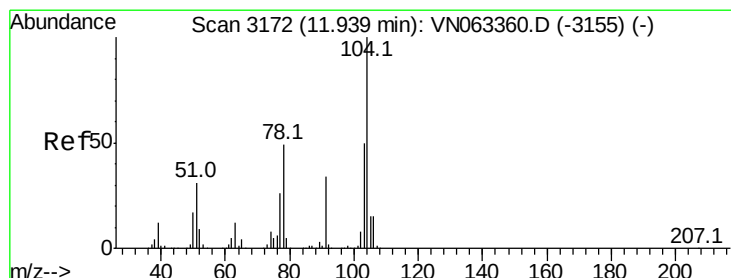
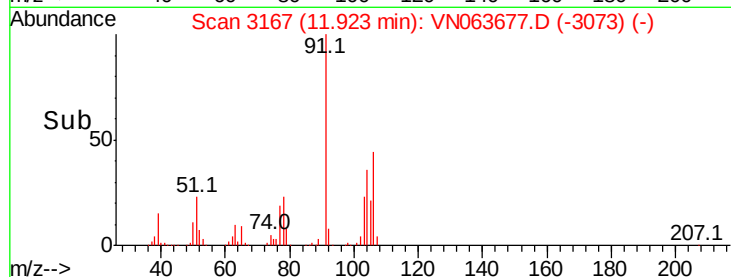
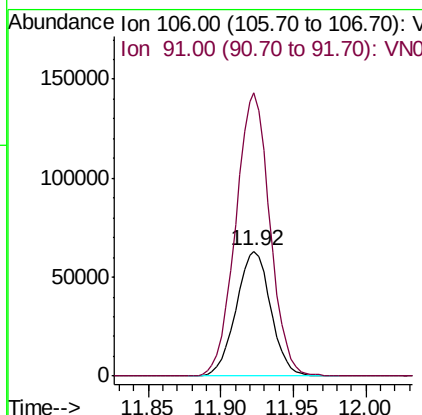
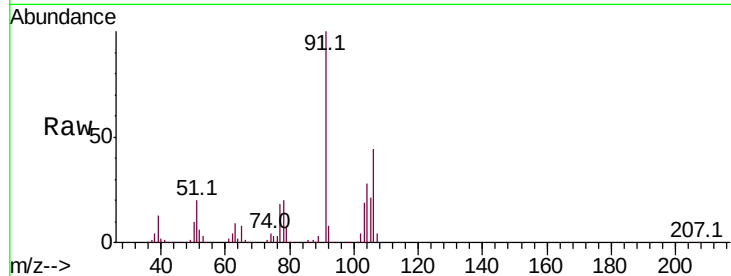




#69
o-Xylene
Concen: 19.298 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063677.D
Acq: 25 Sep 2020 14:43

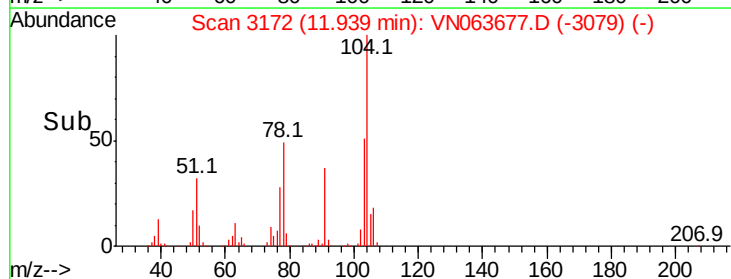
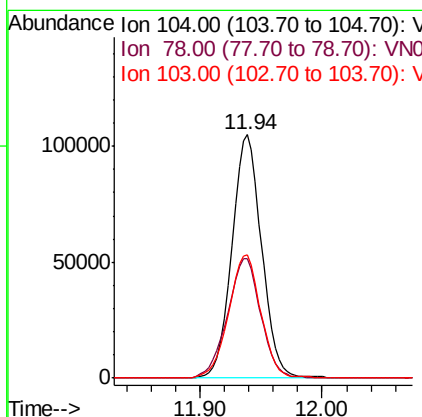
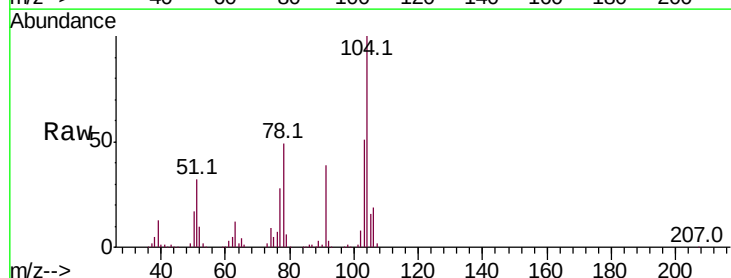
Instrument :
MSVOA_N
ClientSampleId :
VN0925WBSD01

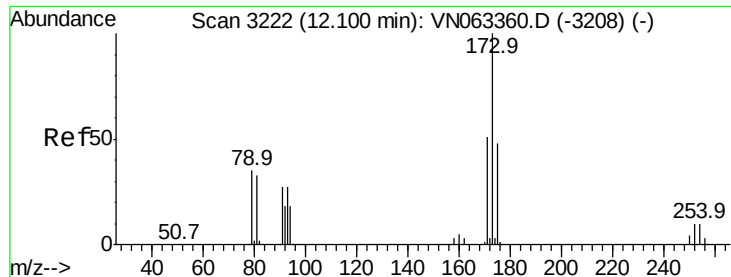
Tot Ion:106 Resp: 104590
Ion Ratio Lower Upper
106 100
91 223.6 113.6 340.8



#70
Styrene
Concen: 19.545 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. -0.00 min
Lab File: VN063677.D
Acq: 25 Sep 2020 14:43

Tgt Ion:104 Resp: 177643
Ion Ratio Lower Upper
104 100
78 55.5 44.4 66.6
103 54.9 43.7 65.5





#71

Bromoform

Concen: 19.404 ug/l

RT: 12.10 min Scan# 3223

Delta R.T. 0.00 min

Lab File: VN063677.D

Acq: 25 Sep 2020 14:43

Instrument :

MSVOA_N

ClientSampleId :

VN0925WBSD01

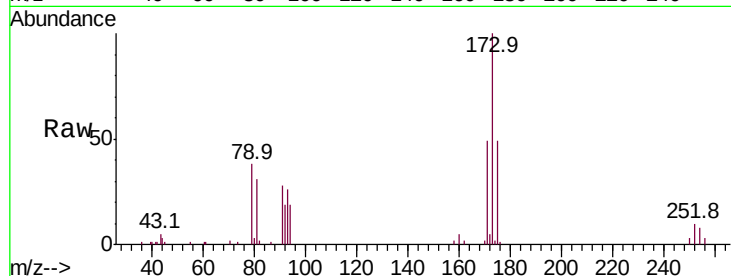
Tot Ion:173 Resp: 44400

Ion Ratio Lower Upper

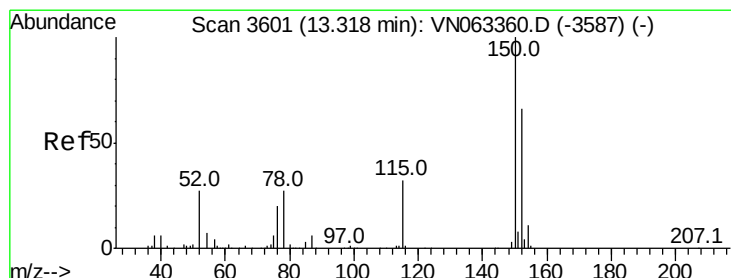
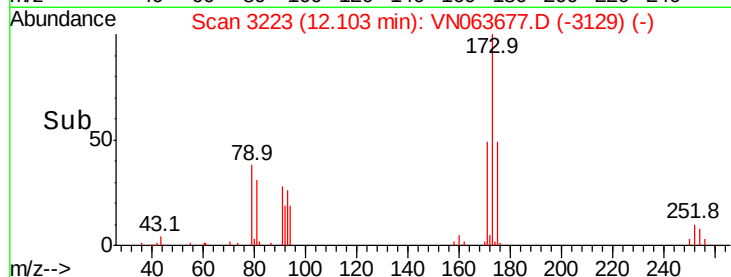
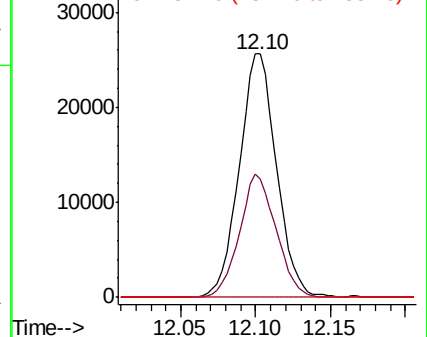
173 100

175 49.5 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: VN063677.D

Acq: 25 Sep 2020 14:43

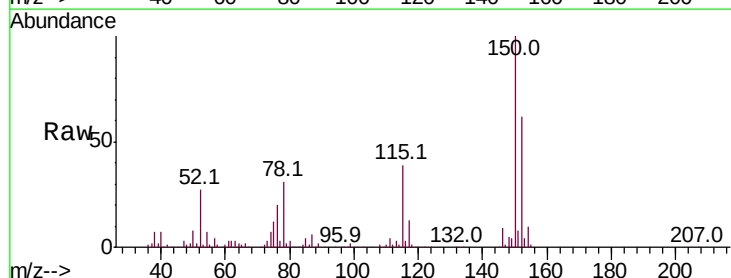
Tgt Ion:152 Resp: 184196

Ion Ratio Lower Upper

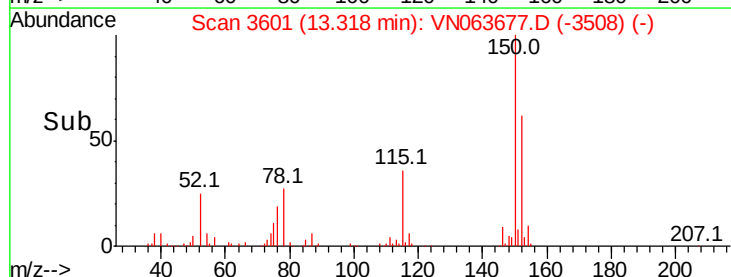
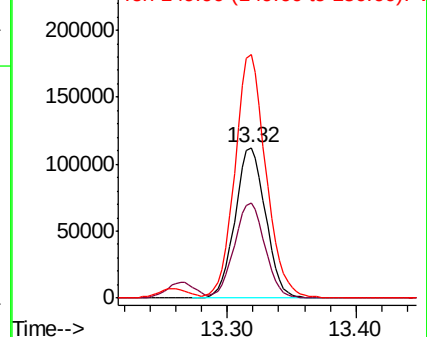
152 100

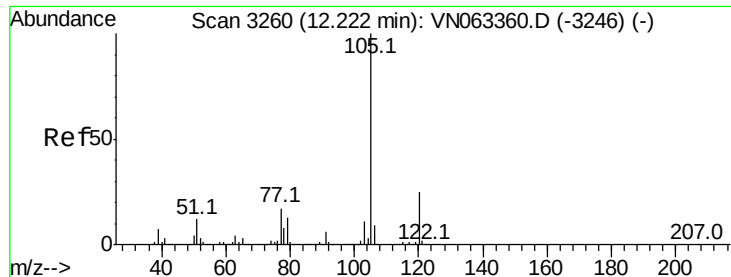
115 63.6 32.2 96.6

150 164.8 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: 18.923 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063677.D

Acq: 25 Sep 2020 14:43

Instrument :

MSVOA_N

ClientSampleId :

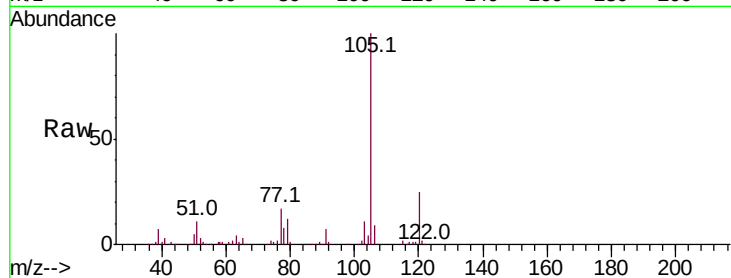
VN0925WBSD01

Tot Ion:105 Resp: 279304

Ion Ratio Lower Upper

105 100

120 24.9 12.7 38.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.23

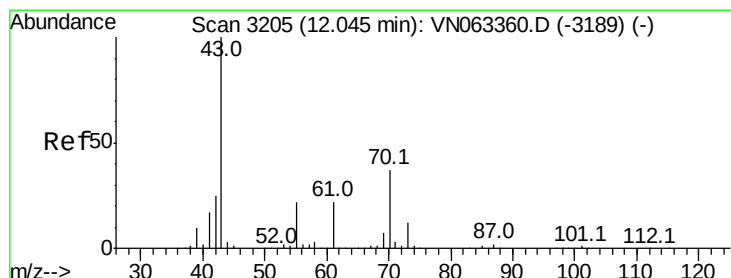
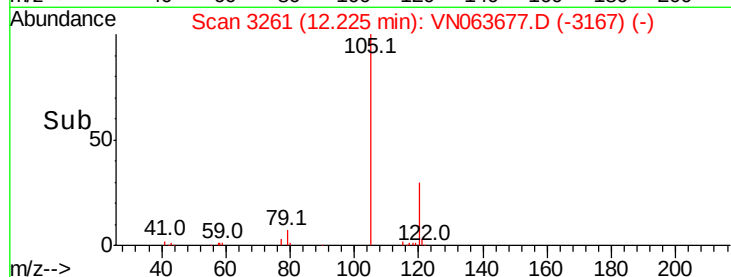
150000

100000

50000

0

Time-->



#74

N-amyl acetate

Concen: 18.406 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. -0.00 min

Lab File: VN063677.D

Acq: 25 Sep 2020 14:43

Tgt Ion: 43 Resp: 128608

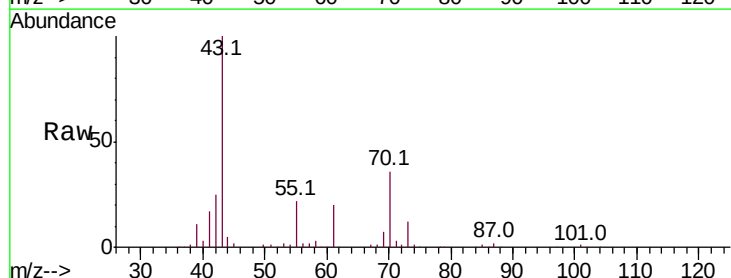
Ion Ratio Lower Upper

43 100

70 36.9 29.6 44.4

55 22.8 17.7 26.5

61 20.9 17.4 26.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

12.05

80000

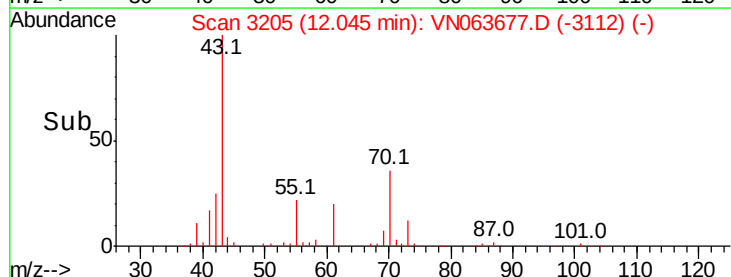
60000

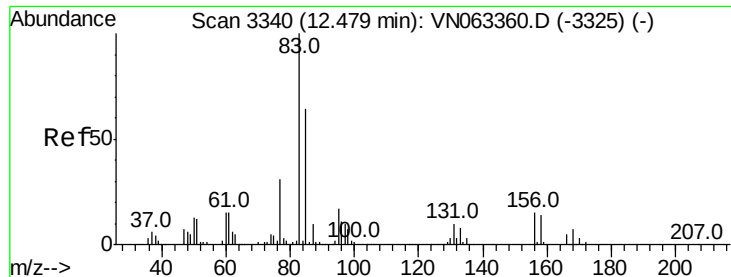
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.319 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063677.D

Acq: 25 Sep 2020 14:43

Instrument :

MSVOA_N

ClientSampled :

VN0925WBSD01

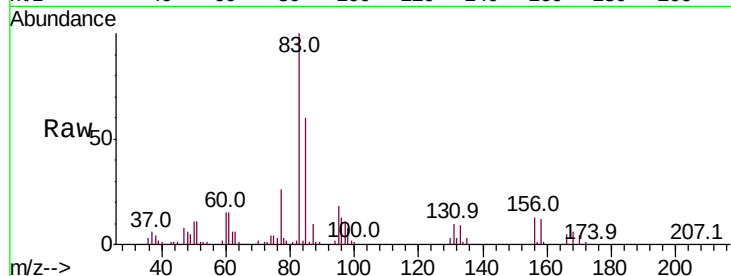
Tot Ion: 83 Resp: 92862

Ion Ratio Lower Upper

83 100

131 9.9 4.9 14.7

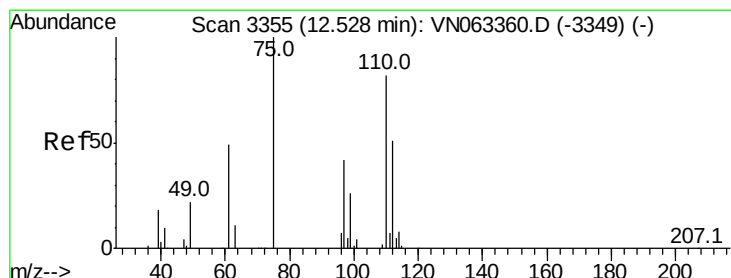
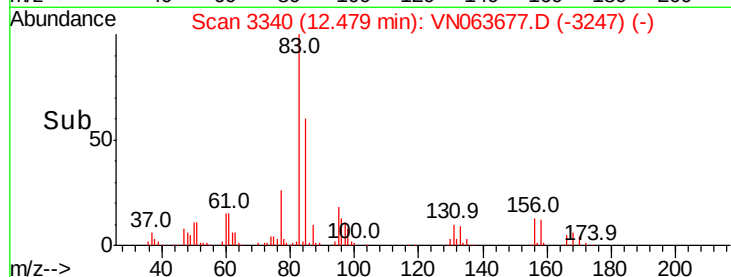
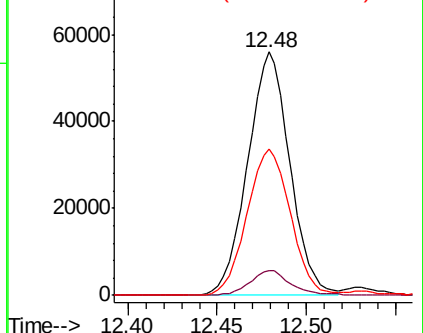
85 61.6 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 27.020 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. -0.00 min

Lab File: VN063677.D

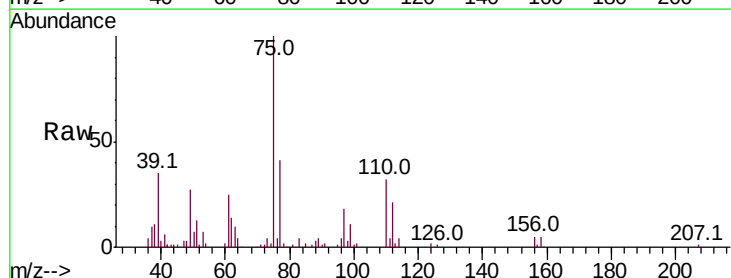
Acq: 25 Sep 2020 14:43

Tgt Ion: 75 Resp: 123186

Ion Ratio Lower Upper

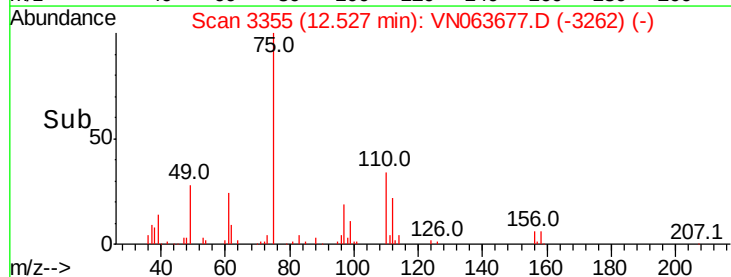
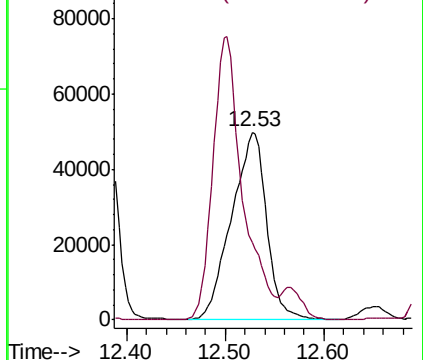
75 100

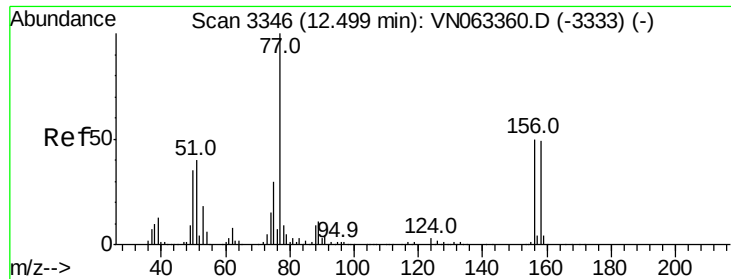
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 20.136 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. 0.00 min

Lab File: VN063677.D

Acq: 25 Sep 2020 14:43

Instrument :

MSVOA_N

ClientSampleId :

VN0925WBSD01

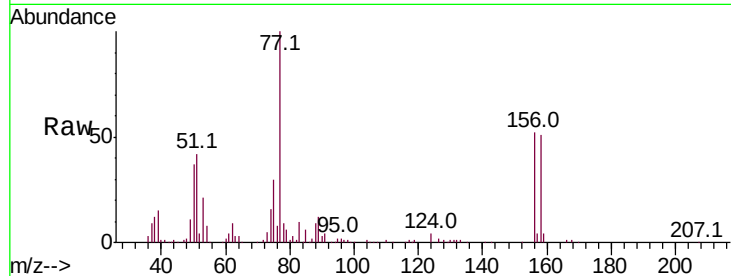
Tot Ion:156 Resp: 66857

Ion Ratio Lower Upper

156 100

77 237.9 120.2 360.6

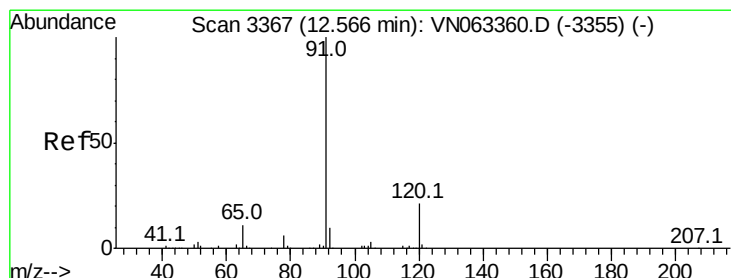
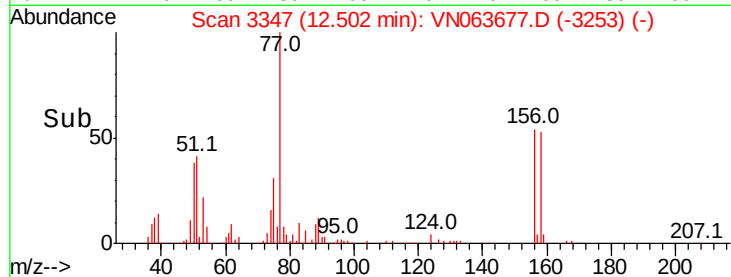
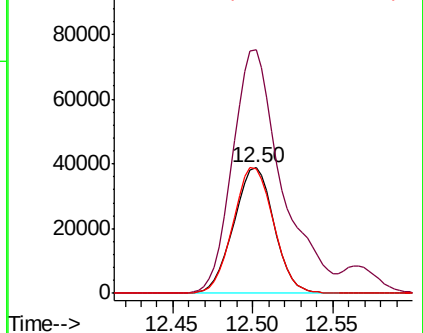
158 100.2 48.9 146.6



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: 18.792 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063677.D

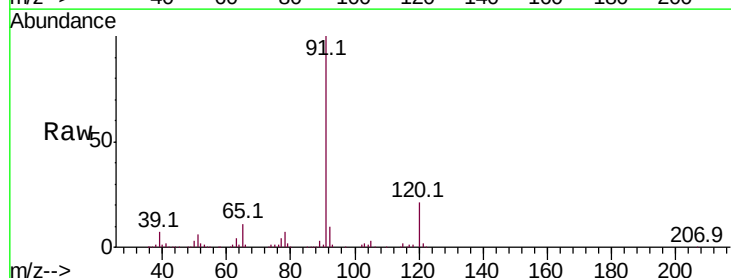
Acq: 25 Sep 2020 14:43

Tgt Ion: 91 Resp: 323071

Ion Ratio Lower Upper

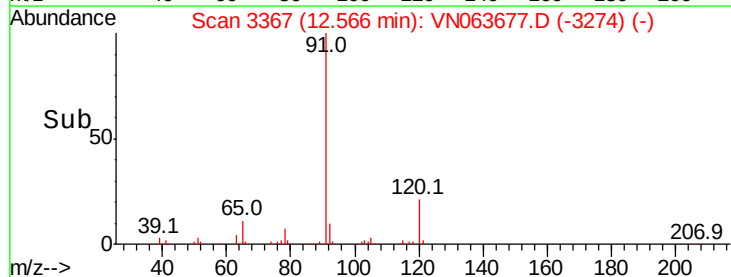
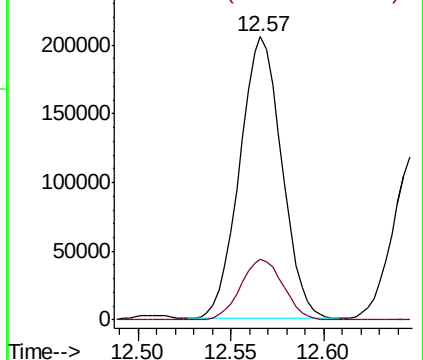
91 100

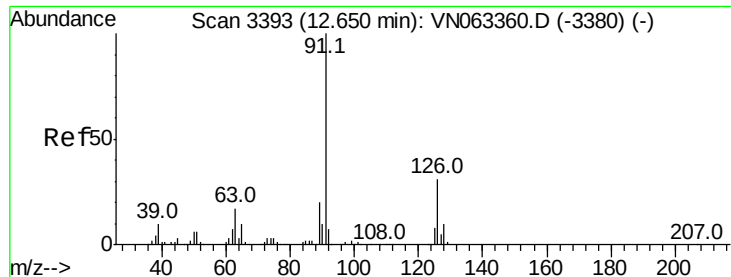
120 21.8 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

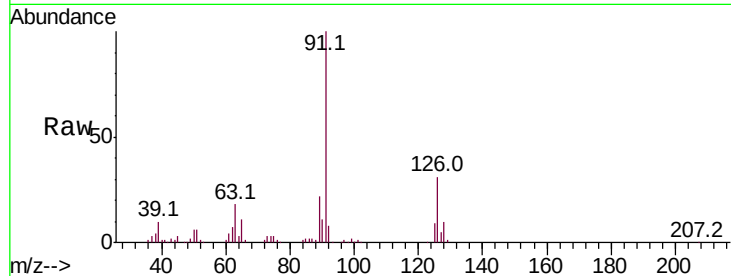




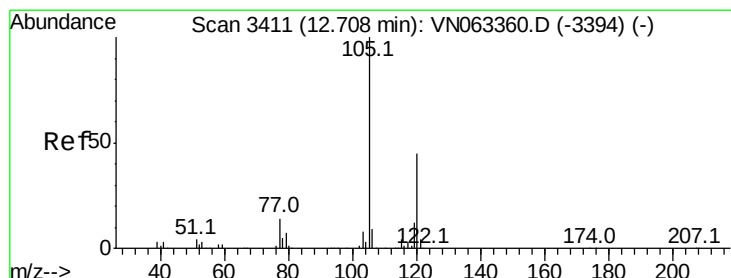
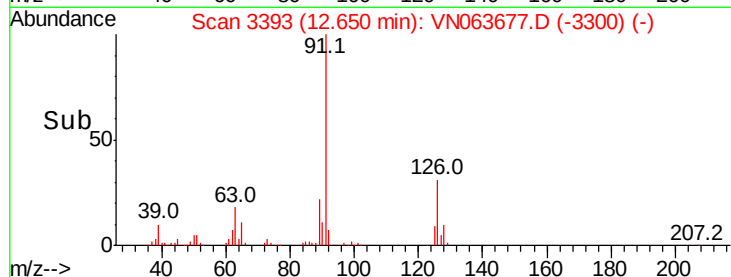
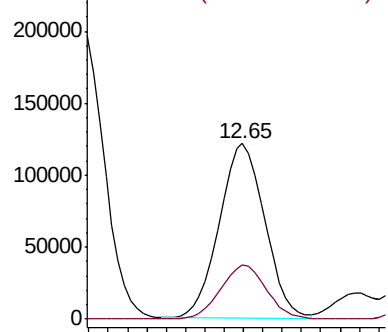
#79
 2-Chlorotoluene
 Concen: 19.266 ug/l
 RT: 12.65 min Scan# 3393
 Delta R.T. -0.00 min
 Lab File: VN063677.D
 Acq: 25 Sep 2020 14:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0925WBSD01

Tot Ion: 91 Resp: 198551
 Ion Ratio Lower Upper
 91 100
 126 31.4 15.8 47.3

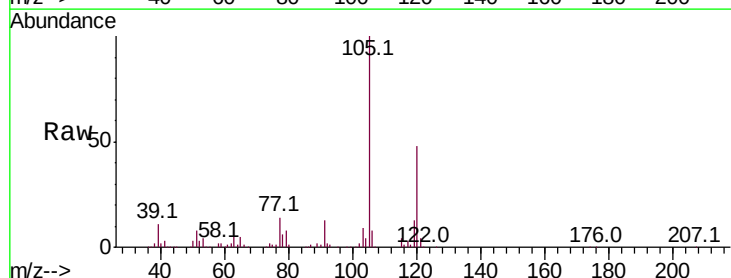


Abundance Ion 91.00 (90.70 to 91.70): VN0
 Ion 125.90 (125.60 to 126.60): V

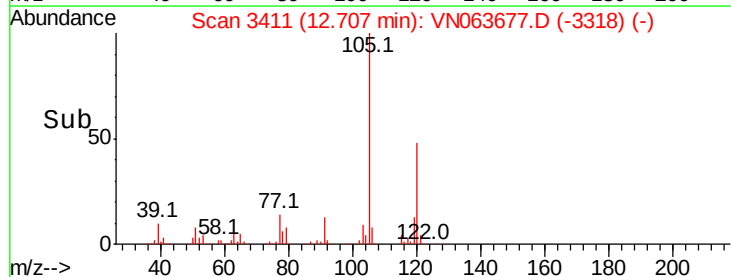
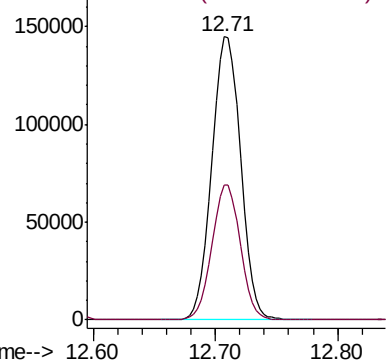


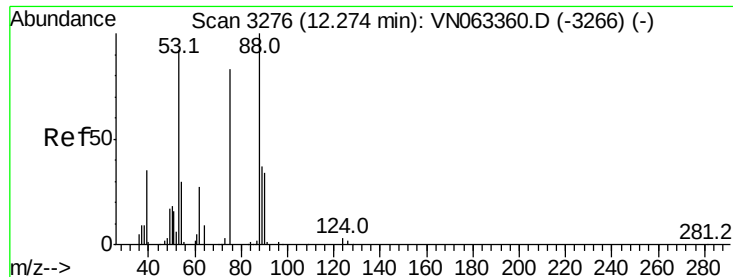
#80
 1,3,5-Trimethylbenzene
 Concen: 19.214 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. -0.00 min
 Lab File: VN063677.D
 Acq: 25 Sep 2020 14:43

Tgt Ion:105 Resp: 236486
 Ion Ratio Lower Upper
 105 100
 120 46.9 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 18.015 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN063677.D

Acq: 25 Sep 2020 14:43

Instrument :

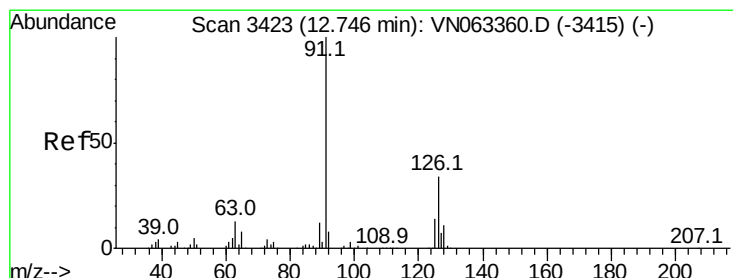
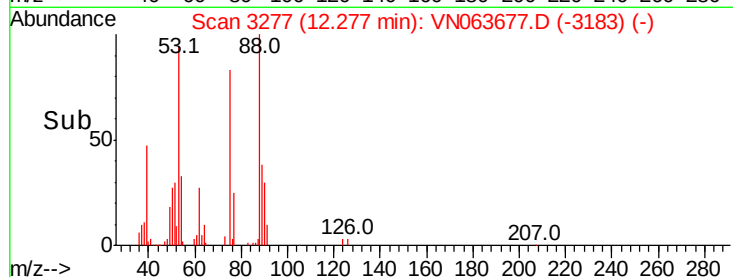
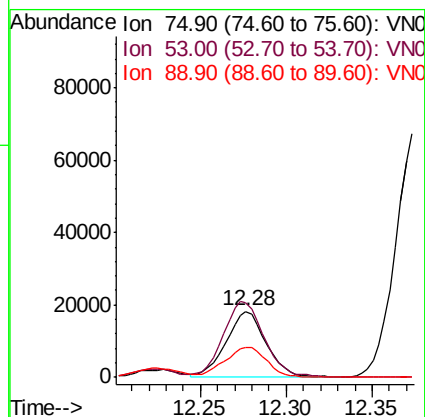
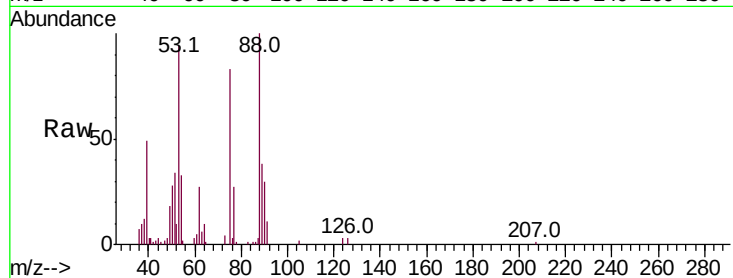
MSVOA_N

ClientSampleId :

VN0925WBSD01

Tot Ion: 75 Resp: 29957

Ion	Ratio	Lower	Upper
75	100		
53	116.9	85.7	128.5
89	47.0	38.0	57.0



#82

4-Chlorotoluene

Concen: 19.242 ug/l

RT: 12.75 min Scan# 3423

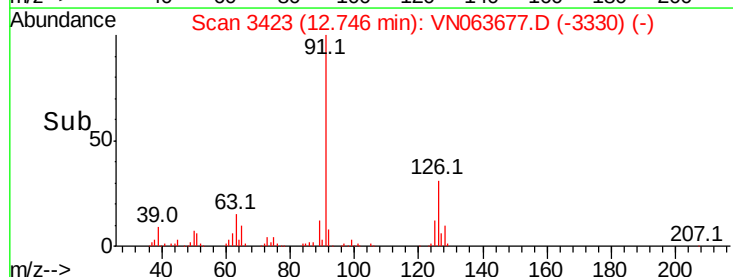
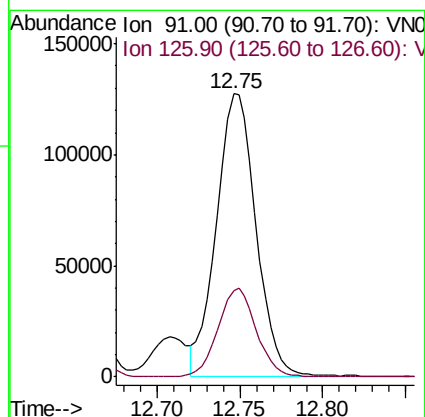
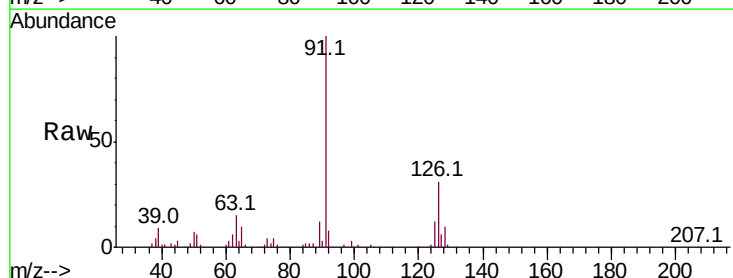
Delta R.T. -0.00 min

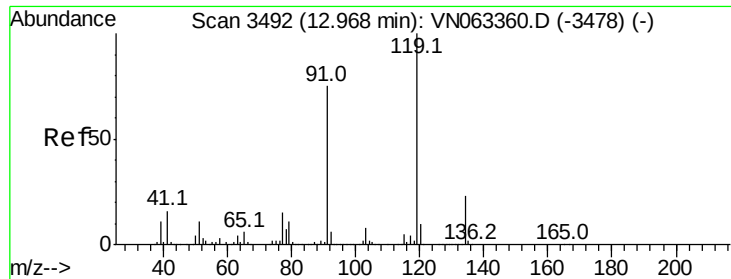
Lab File: VN063677.D

Acq: 25 Sep 2020 14:43

Tgt Ion: 91 Resp: 209524

Ion	Ratio	Lower	Upper
91	100		
126	30.9	15.5	46.5





#83

tert-Butylbenzene

Concen: 18.764 ug/l

RT: 12.97 min Scan# 3492

Delta R.T. -0.00 min

Lab File: VN063677.D

Acq: 25 Sep 2020 14:43

Instrument :

MSVOA_N

ClientSampleId :

VN0925WBSD01

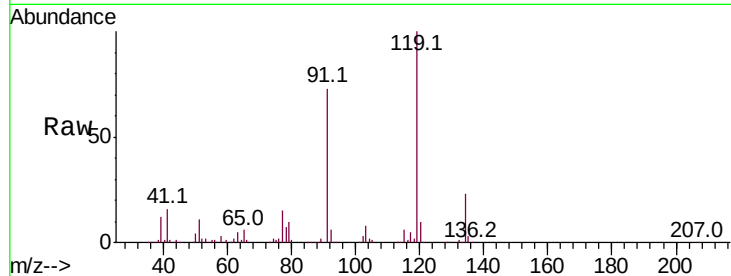
Tot Ion:119 Resp: 190616

Ion Ratio Lower Upper

119 100

91 72.2 36.3 108.9

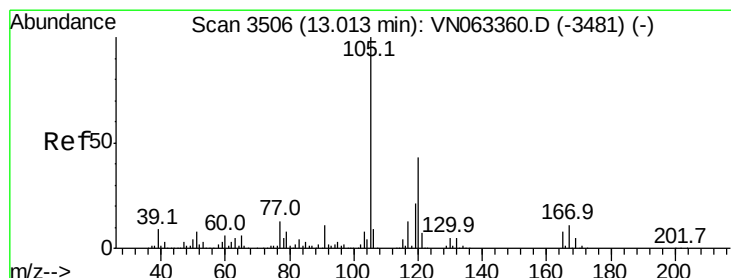
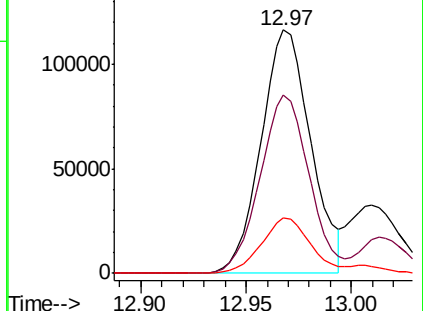
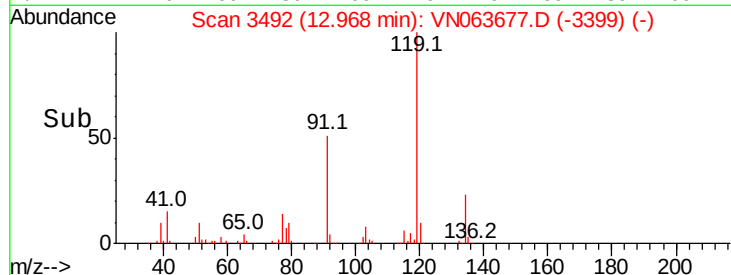
134 22.4 12.3 36.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.006 ug/l

RT: 13.02 min Scan# 3507

Delta R.T. 0.00 min

Lab File: VN063677.D

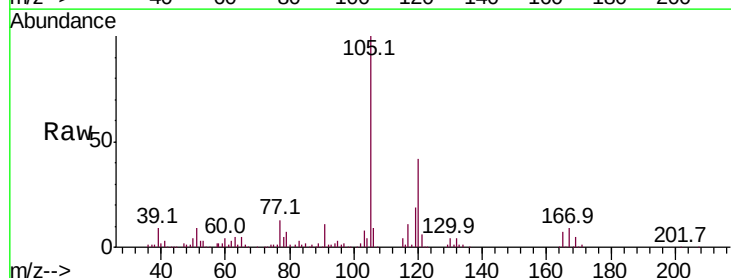
Acq: 25 Sep 2020 14:43

Tgt Ion:105 Resp: 236294

Ion Ratio Lower Upper

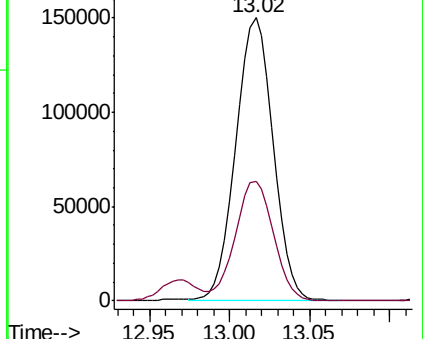
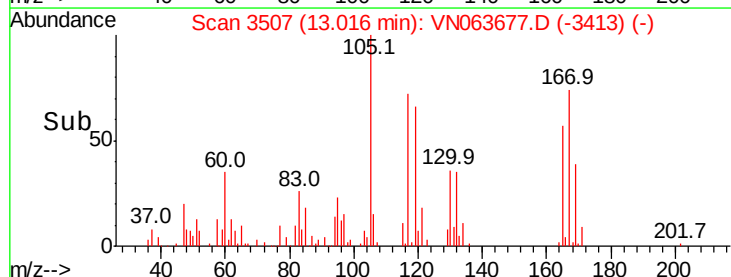
105 100

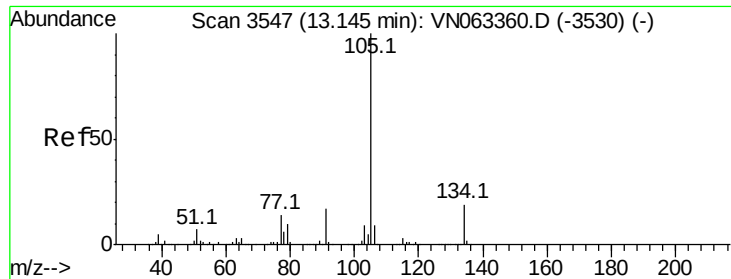
120 43.6 21.3 63.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 18.610 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN063677.D

Acq: 25 Sep 2020 14:43

Instrument :

MSVOA_N

ClientSampleId :

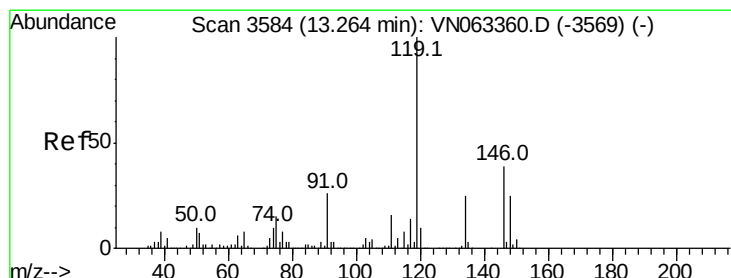
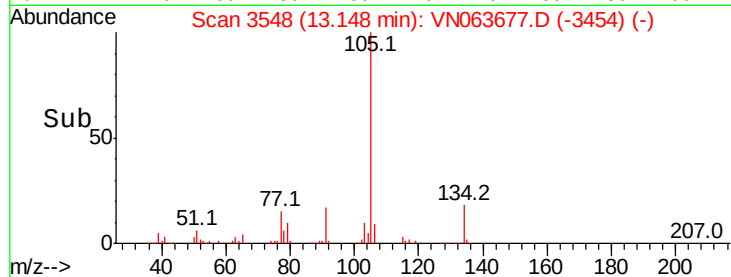
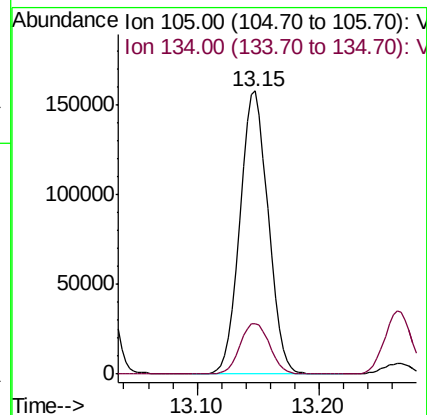
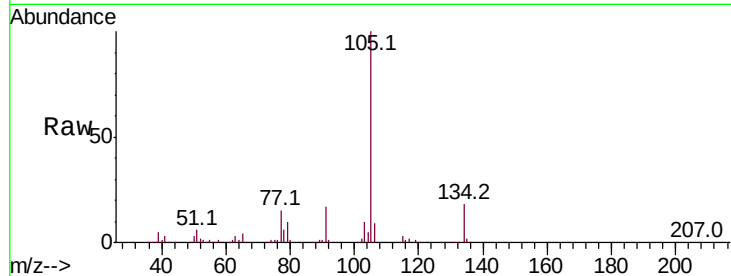
VN0925WBSD01

Tot Ion:105 Resp: 253062

Ion Ratio Lower Upper

105 100

134 18.7 9.3 27.7



#86

p-Isopropyltoluene

Concen: 18.671 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. -0.00 min

Lab File: VN063677.D

Acq: 25 Sep 2020 14:43

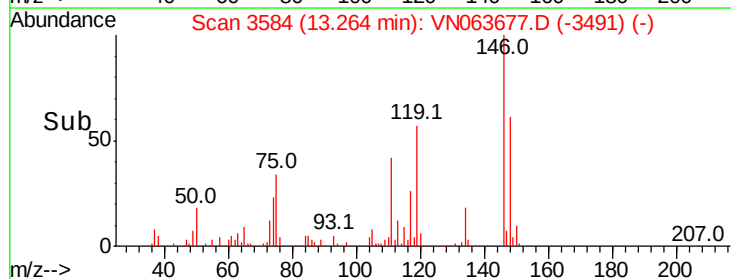
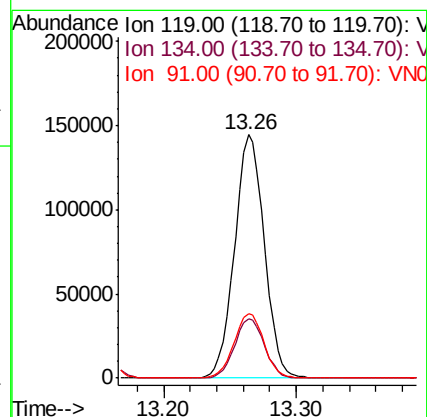
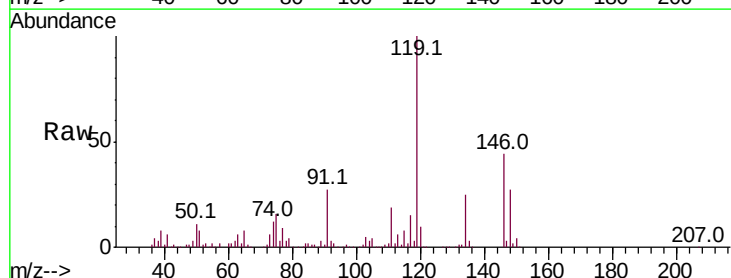
Tgt Ion:119 Resp: 223930

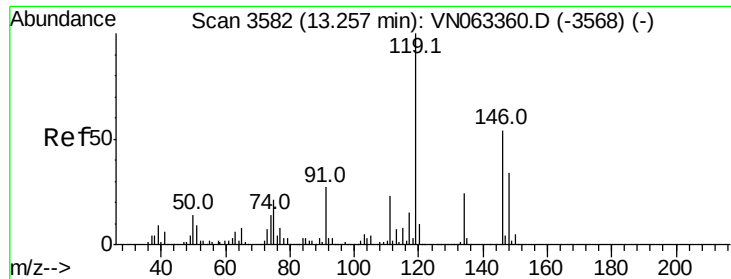
Ion Ratio Lower Upper

119 100

134 24.6 12.5 37.5

91 26.8 13.4 40.1





#87

1,3-Dichlorobenzene

Concen: 20.112 ug/l

RT: 13.26 min Scan# 3582

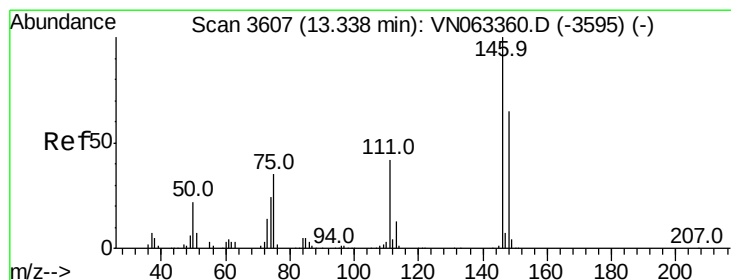
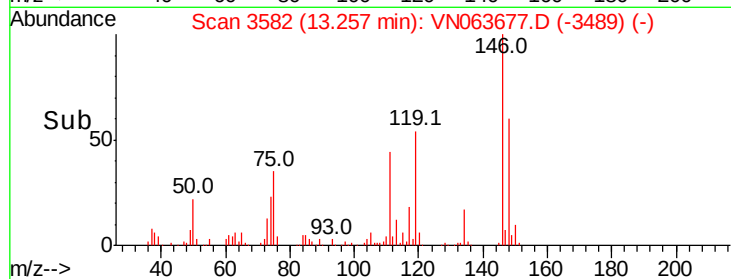
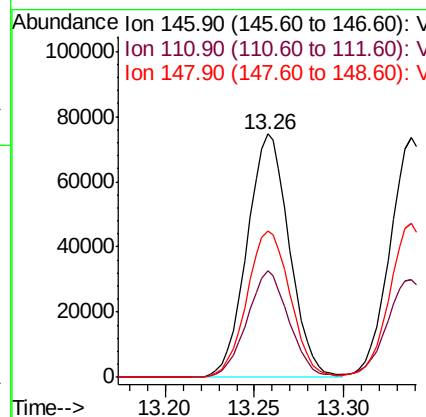
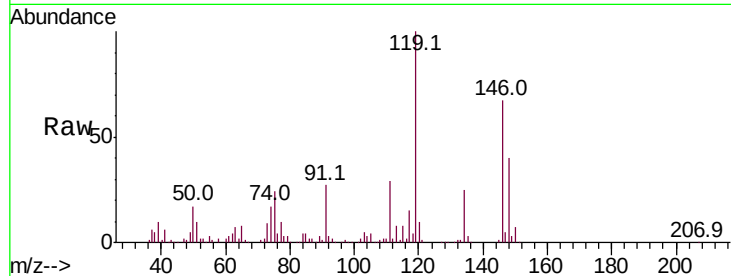
Delta R.T. -0.00 min

Lab File: VN063677.D

Acq: 25 Sep 2020 14:43

Instrument :
MSVOA_N
ClientSampleId :
VN0925WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.5	21.4	64.3
148	61.5	31.9	95.7



#88

1,4-Dichlorobenzene

Concen: 19.535 ug/l

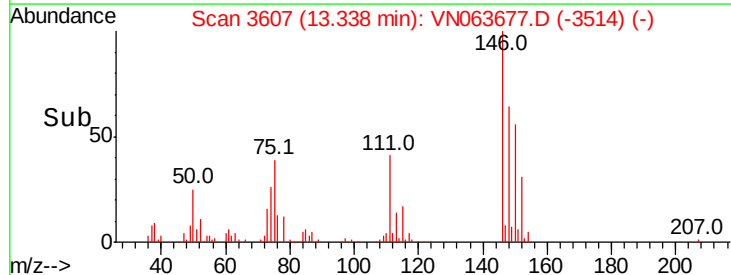
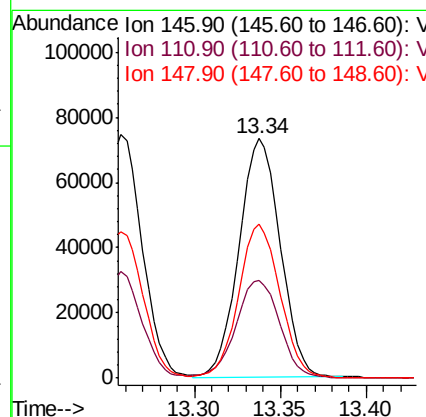
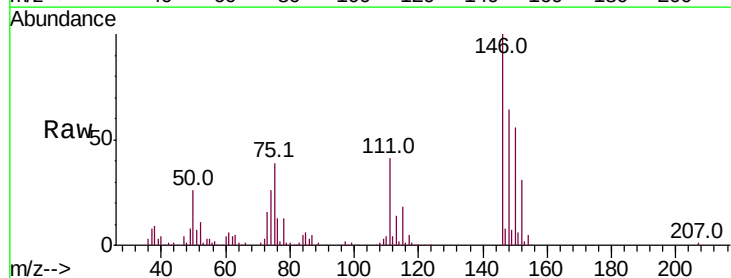
RT: 13.34 min Scan# 3607

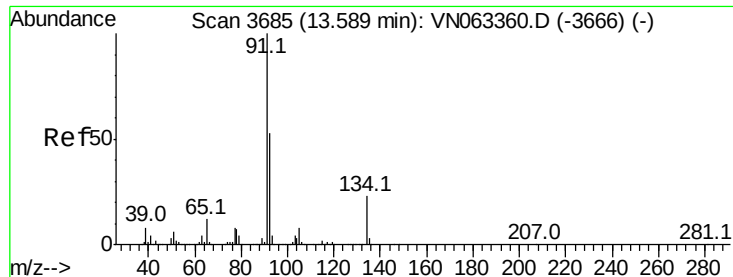
Delta R.T. -0.00 min

Lab File: VN063677.D

Acq: 25 Sep 2020 14:43

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.9	21.2	63.6
148	65.0	31.9	95.9





#89

n-Butylbenzene

Concen: 18.125 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. -0.00 min

Lab File: VN063677.D

Acq: 25 Sep 2020 14:43

Instrument :

MSVOA_N

ClientSampleId :

VN0925WBSD01

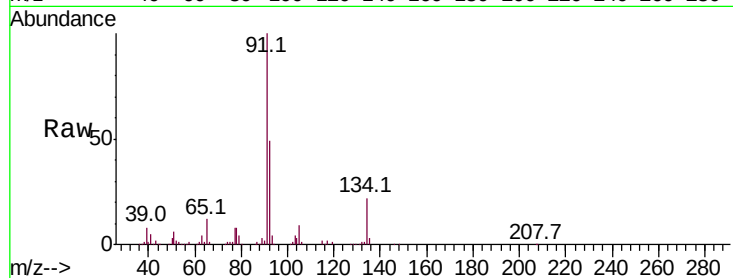
Tot Ion: 91 Resp: 200373

Ion Ratio Lower Upper

91 100

92 49.4 26.0 78.0

134 22.3 11.7 35.0

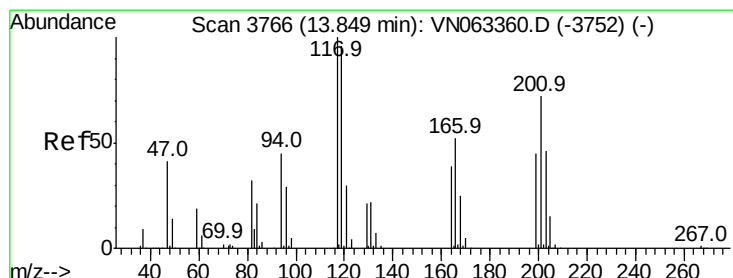
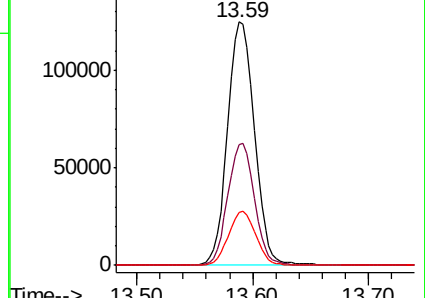
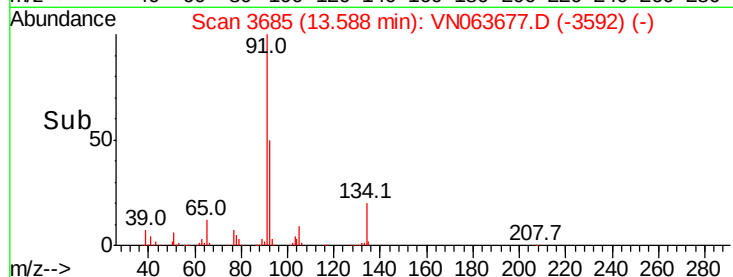


Abundance Ion 91.00 (90.70 to 91.70): VN063360.D (-3666) (-)

Ion 92.00 (91.70 to 92.70): VN063360.D (-3666) (-)

Ion 134.00 (133.70 to 134.70): VN063360.D (-3666) (-)

Time-->



#90

Hexachloroethane

Concen: 17.922 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. -0.00 min

Lab File: VN063677.D

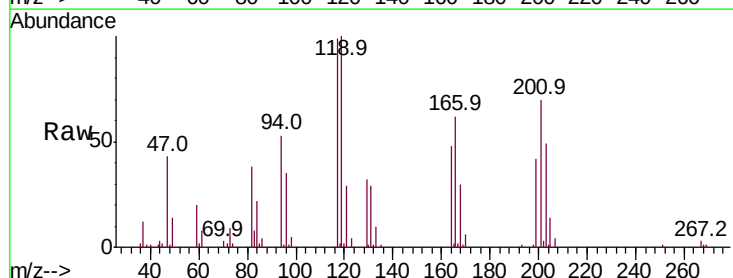
Acq: 25 Sep 2020 14:43

Tgt Ion: 117 Resp: 40930

Ion Ratio Lower Upper

117 100

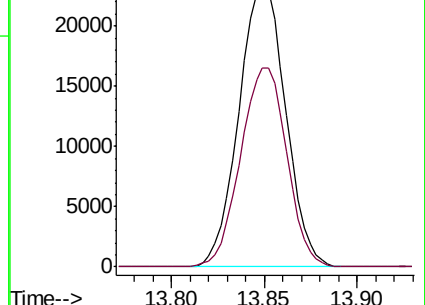
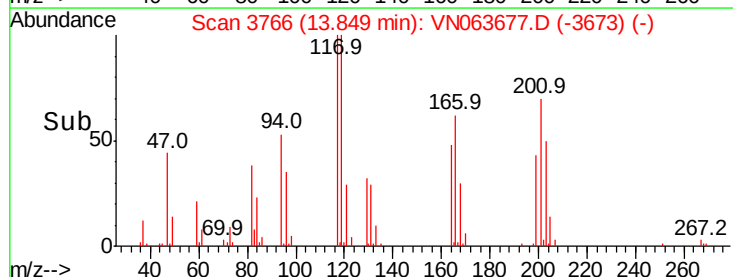
201 69.9 35.5 106.7

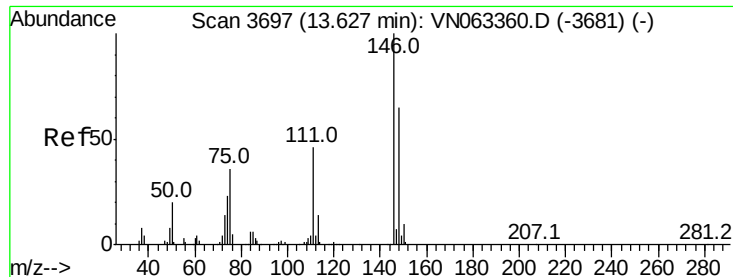


Abundance Ion 116.80 (116.50 to 117.50): VN063360.D (-3752) (-)

Ion 200.70 (200.40 to 201.40): VN063360.D (-3752) (-)

Time-->





#91

1,2-Dichlorobenzene

Concen: 20.155 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. -0.00 min

Lab File: VN063677.D

Acq: 25 Sep 2020 14:43

Instrument :

MSVOA_N

ClientSampleId :

VN0925WBSD01

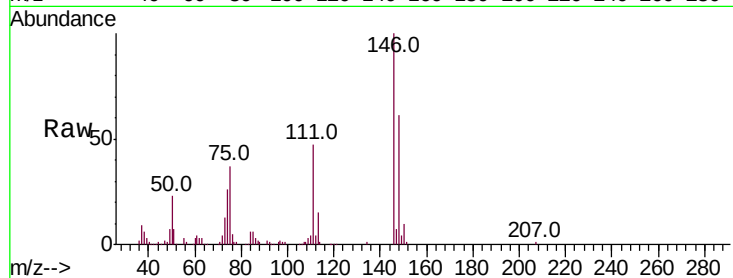
Tot Ion:146 Resp: 121775

Ion Ratio Lower Upper

146 100

111 45.3 22.4 67.2

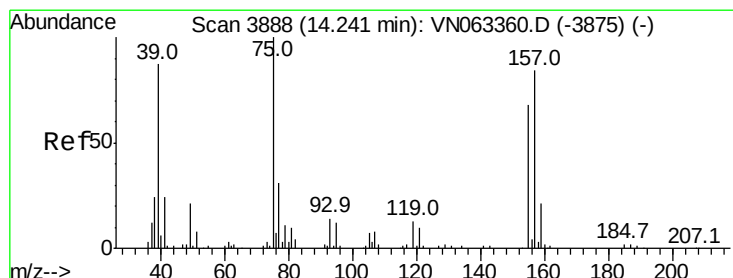
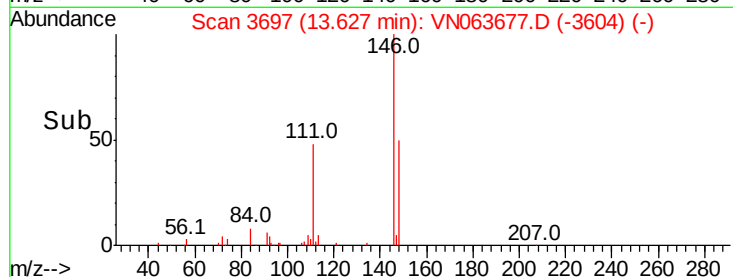
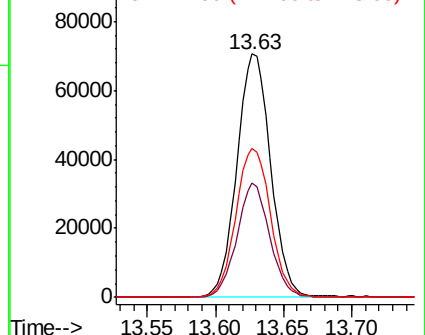
148 62.5 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.142 ug/l

RT: 14.24 min Scan# 3889

Delta R.T. 0.00 min

Lab File: VN063677.D

Acq: 25 Sep 2020 14:43

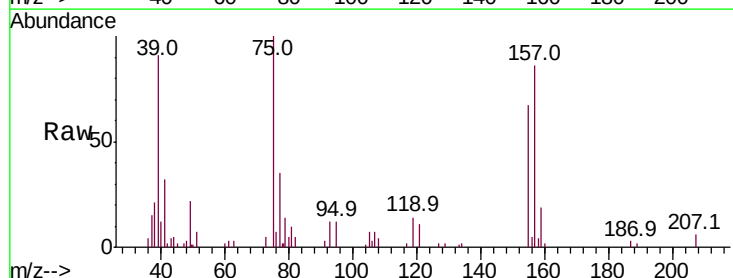
Tgt Ion: 75 Resp: 20832

Ion Ratio Lower Upper

75 100

155 67.3 34.6 103.9

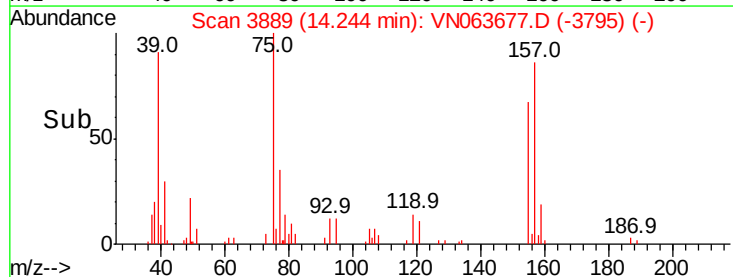
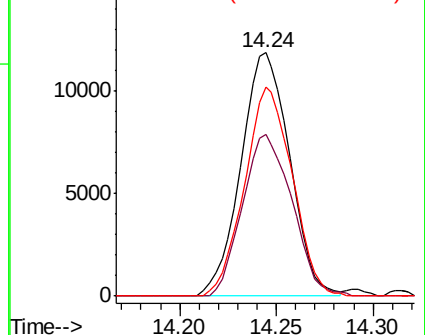
157 83.7 43.7 131.1

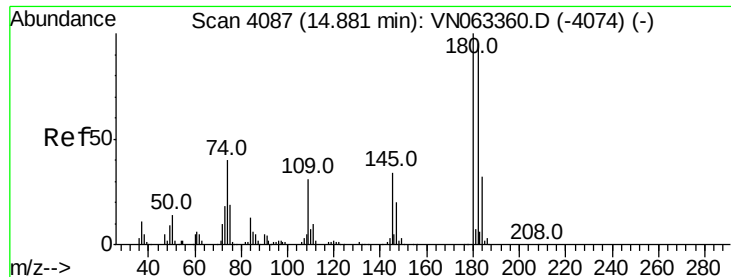


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

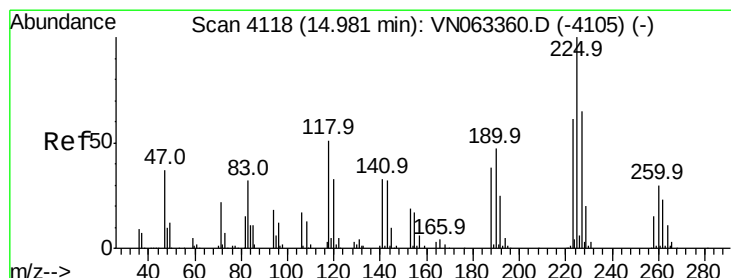
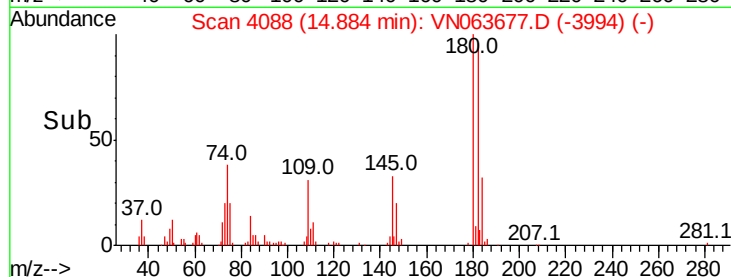
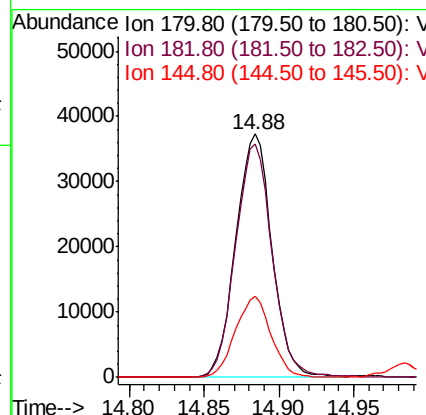
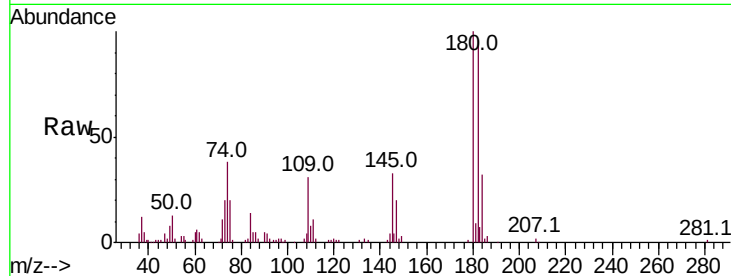




#93
 1,2,4-Trichlorobenzene
 Concen: 17.630 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN063677.D
 Acq: 25 Sep 2020 14:43

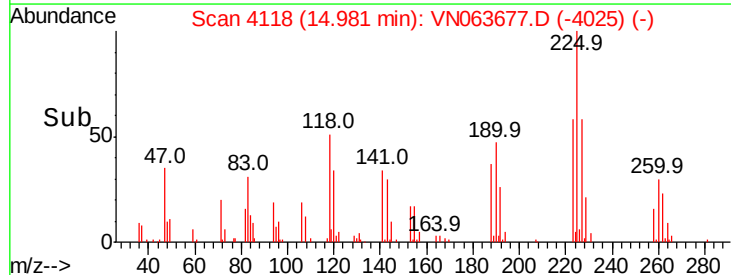
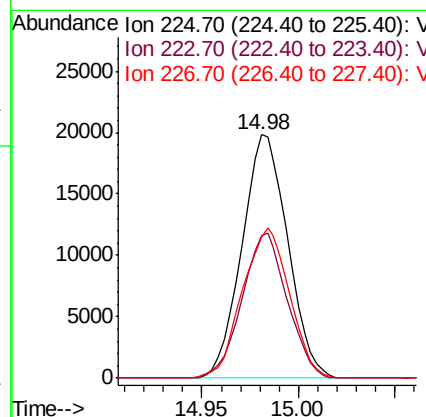
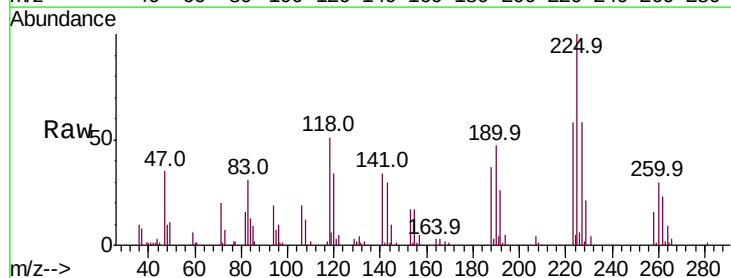
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0925WBSD01

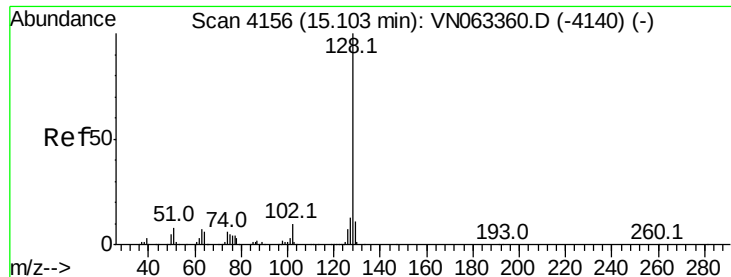
Tot Ion	Ratio	Lower	Upper
180	100		
182	97.3	47.3	142.0
145	32.4	16.6	49.7



#94
 Hexachlorobutadiene
 Concen: 22.123 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN063677.D
 Acq: 25 Sep 2020 14:43

Tgt Ion	Ratio	Lower	Upper
225	100		
223	58.6	30.6	91.6
227	63.4	31.2	93.6





#95

Naphthalene

Concen: 17.169 ug/l

RT: 15.11 min Scan# 4157

Delta R.T. 0.00 min

Lab File: VN063677.D

Acq: 25 Sep 2020 14:43

Instrument :

MSVOA_N

ClientSampleId :

VN0925WBSD01

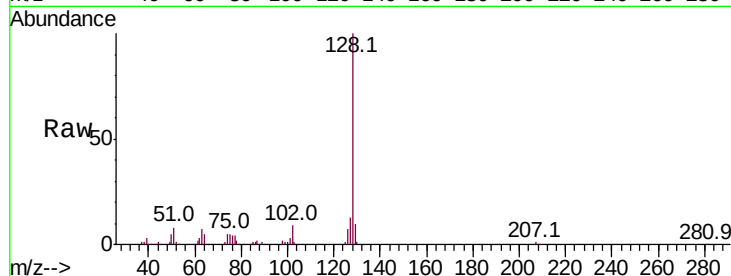
Tot Ion:128 Resp: 202041

Ion Ratio Lower Upper

128 100

127 13.2 10.6 15.8

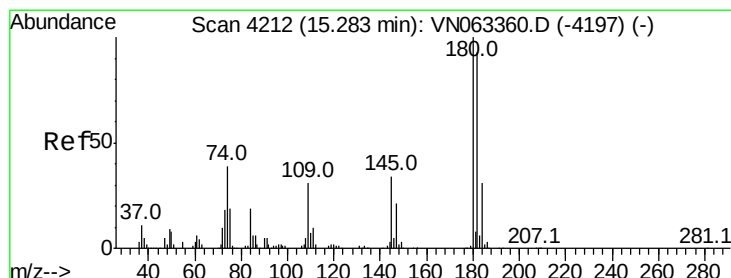
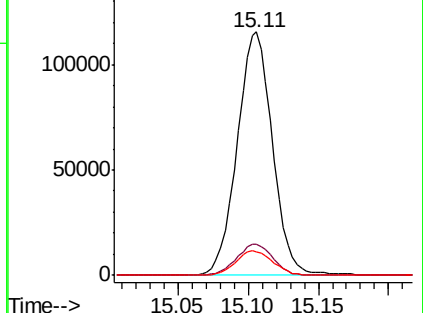
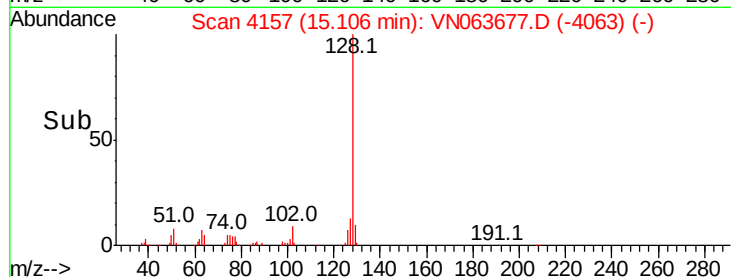
129 10.6 8.8 13.2



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: 18.407 ug/l

RT: 15.29 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN063677.D

Acq: 25 Sep 2020 14:43

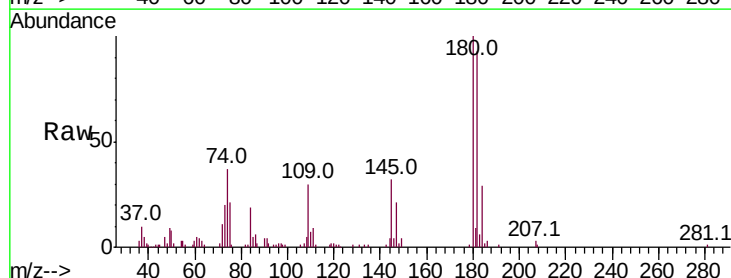
Tgt Ion:180 Resp: 63348

Ion Ratio Lower Upper

180 100

182 92.7 46.7 140.1

145 33.1 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

