

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092320\
 Data File : VN063583.D
 Acq On : 23 Sep 2020 12:55
 Operator : JC/MD
 Sample : VN0923WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0923WBS01

Quant Time: Sep 24 02:34:41 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	7.62	168	249938	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	427138	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	389821	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	183357	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	205299	48.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.50%	
35) Dibromofluoromethane	7.55	113	144452	48.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.70%	
50) Toluene-d8	10.06	98	543804	48.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.82%	
62) 4-Bromofluorobenzene	12.38	95	201409	49.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	48813	17.239	ug/l	98
3) Chloromethane	2.04	50	61557	16.433	ug/l	99
4) Vinyl Chloride	2.17	62	60967	18.370	ug/l	99
5) Bromomethane	2.54	94	39774	20.185	ug/l	92
6) Chloroethane	2.68	64	37506	18.411	ug/l	96
7) Trichlorofluoromethane	2.99	101	98476	19.888	ug/l	94
8) Diethyl Ether	3.38	74	34351	17.796	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	54086	19.423	ug/l	99
10) Methyl Iodide	3.91	142	61867	17.065	ug/l	98
11) Tert butyl alcohol	4.72	59	45657	77.462	ug/l #	93
12) 1,1-Dichloroethene	3.70	96	50111	17.767	ug/l	98
13) Acrolein	3.56	56	15130	69.268	ug/l	95
14) Allyl chloride	4.28	41	93899	16.831	ug/l	96
15) Acrylonitrile	4.93	53	130819	87.255	ug/l	99
16) Acetone	3.77	43	120973	88.472	ug/l	93
17) Carbon Disulfide	4.01	76	131374	16.013	ug/l	99
18) Methyl Acetate	4.28	43	64811	18.671	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	181854	17.299	ug/l	99
20) Methylene Chloride	4.50	84	63749	18.401	ug/l	93
21) trans-1,2-Dichloroethene	4.99	96	54523	17.448	ug/l	94
22) Diisopropyl ether	5.90	45	199499	17.533	ug/l	96
23) Vinyl Acetate	5.84	43	804941	86.139	ug/l	100
24) 1,1-Dichloroethane	5.80	63	111558	17.958	ug/l	98
25) 2-Butanone	6.78	43	184867	87.908	ug/l	98
26) 2,2-Dichloropropane	6.78	77	95453	17.452	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	64635	18.274	ug/l	99
28) Bromochloromethane	7.15	49	52263	18.221	ug/l	98
29) Tetrahydrofuran	7.16	42	122710	85.436	ug/l	98
30) Chloroform	7.33	83	116670	18.720	ug/l	92
31) Cyclohexane	7.61	56	95628	16.274	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	98473	17.764	ug/l	99
36) 1,1-Dichloropropene	7.75	75	82858	18.208	ug/l	99
37) Ethyl Acetate	6.88	43	81003	18.137	ug/l	98
38) Carbon Tetrachloride	7.74	117	85235	18.349	ug/l	98

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 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

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Quant Time: Sep 24 02:34:41 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)
39) Methylcyclohexane	9.05	83	81886	16.580	ug/l	95
40) Benzene	8.00	78	239703	18.453	ug/l	99
41) Methacrylonitrile	7.12	41	28115	13.996	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	98268	18.811	ug/l	99
43) Isopropyl Acetate	8.13	43	133867	16.763	ug/l	98
44) Trichloroethene	8.80	130	59728	18.957	ug/l	99
45) 1,2-Dichloropropane	9.08	63	65843	18.610	ug/l	98
46) Dibromomethane	9.17	93	43781	18.828	ug/l	97
47) Bromodichloromethane	9.37	83	90701	18.775	ug/l	97
48) Methyl methacrylate	9.17	41	66844	17.037	ug/l	98
49) 1,4-Dioxane	9.16	88	18988	337.232	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	407627	91.175	ug/l	98
52) Toluene	10.13	92	147613	18.900	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	94289	17.483	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	102595	18.035	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	60482	19.496	ug/l	96
56) Ethyl methacrylate	10.40	69	84479	17.444	ug/l	99
57) 1,3-Dichloropropane	10.68	76	101818	18.200	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	209784	82.576	ug/l	97
59) 2-Hexanone	10.72	43	289905	89.505	ug/l	99
60) Dibromochloromethane	10.87	129	63316	18.066	ug/l	97
61) 1,2-Dibromoethane	10.98	107	59229	18.377	ug/l	98
64) Tetrachloroethene	10.60	164	53347	20.098	ug/l	95
65) Chlorobenzene	11.41	112	158118	19.108	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	57572	18.980	ug/l	99
67) Ethyl Benzene	11.49	91	285731	18.336	ug/l	99
68) m/p-Xylenes	11.59	106	209232	37.240	ug/l	100
69) o-Xylene	11.92	106	98232	18.354	ug/l	98
70) Styrene	11.94	104	168647	18.790	ug/l	99
71) Bromoform	12.10	173	40505	17.925	ug/l #	99
73) Isopropylbenzene	12.23	105	269546	18.345	ug/l	100
74) N-amyl acetate	12.05	43	114548	16.469	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	83830	18.426	ug/l	97
76) 1,2,3-Trichloropropane	12.53	75	115352	25.417	ug/l #	100
77) Bromobenzene	12.50	156	64982	19.661	ug/l	95
78) n-propylbenzene	12.57	91	317174	18.534	ug/l	99
79) 2-Chlorotoluene	12.65	91	191696	18.686	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	228932	18.685	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	26329	15.905	ug/l	93
82) 4-Chlorotoluene	12.75	91	199643	18.419	ug/l	99
83) tert-Butylbenzene	12.97	119	182085	18.006	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	226020	18.263	ug/l	98
85) sec-Butylbenzene	13.15	105	242138	17.889	ug/l	100
86) p-Isopropyltoluene	13.26	119	215941	18.087	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	112968	18.441	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	113804	18.272	ug/l	97
89) n-Butylbenzene	13.59	91	196835	17.887	ug/l	98
90) Hexachloroethane	13.85	117	37176	16.353	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	114741	19.078	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	17438	16.096	ug/l	96

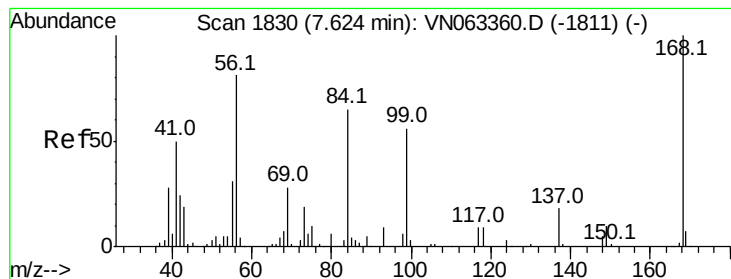
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092320\
Data File : VN063583.D
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Instrument :
MSVOA_N
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Quant Time: Sep 24 02:34:41 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
Quant 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)
93) 1,2,4-Trichlorobenzene	14.88	180	60142	16.962	ug/l	99
94) Hexachlorobutadiene	14.98	225	31459	21.432	ug/l	99
95) Naphthalene	15.10	128	191021	16.307	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	57835	16.882	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN063583.D

Acq: 23 Sep 2020 12:55

Instrument :

MSVOA_N

ClientSampleId :

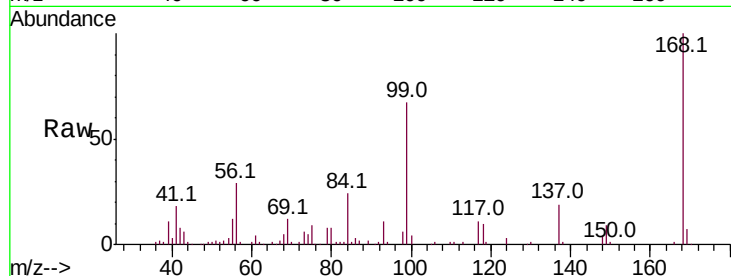
VN0923WBS01

Tot Ion:168 Resp: 249938

Ion Ratio Lower Upper

168 100

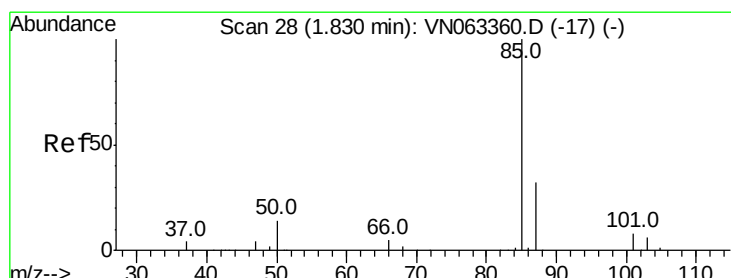
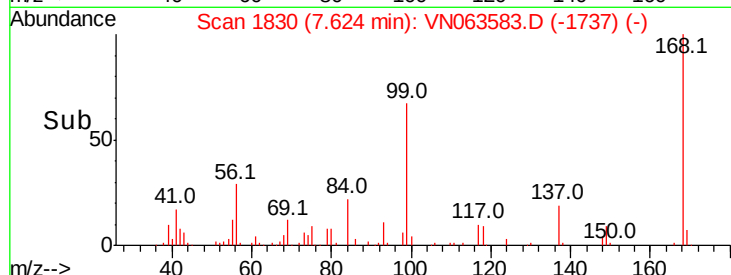
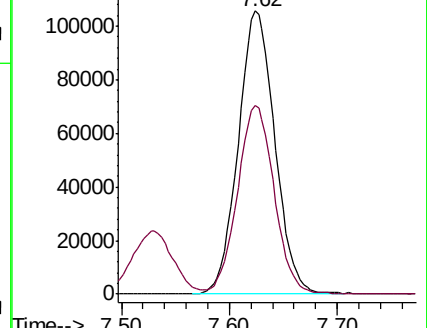
99 66.4 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62



#2

Dichlorodifluoromethane

Concen: 17.239 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063583.D

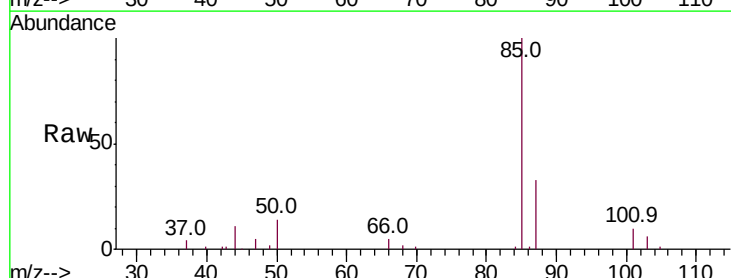
Acq: 23 Sep 2020 12:55

Tgt Ion: 85 Resp: 48813

Ion Ratio Lower Upper

85 100

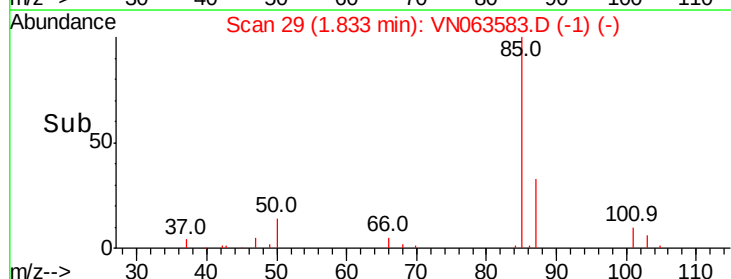
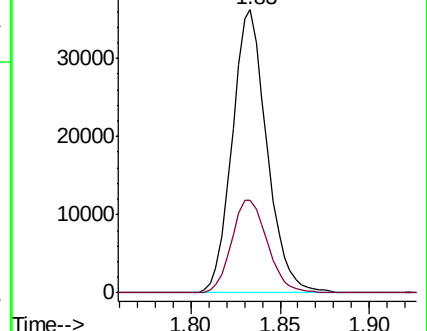
87 32.7 15.9 47.6

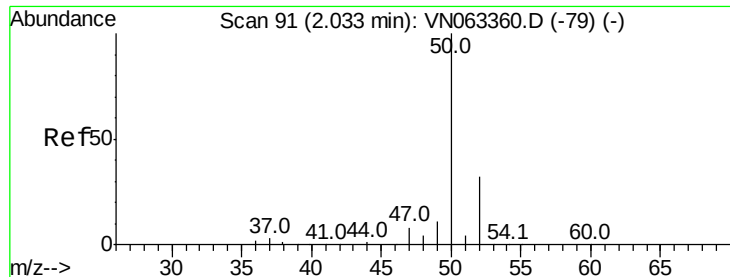


Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83





#3

Chloromethane

Concen: 16.433 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.01 min

Lab File: VN063583.D

Acq: 23 Sep 2020 12:55

Instrument :

MSVOA_N

ClientSampleId :

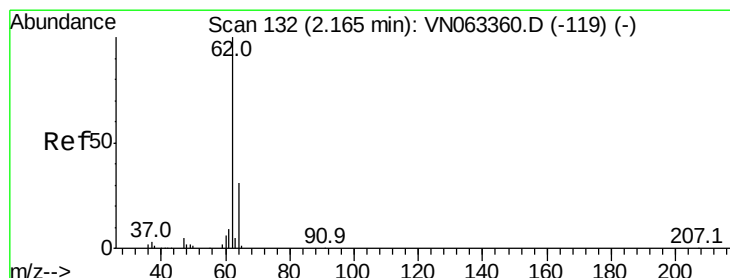
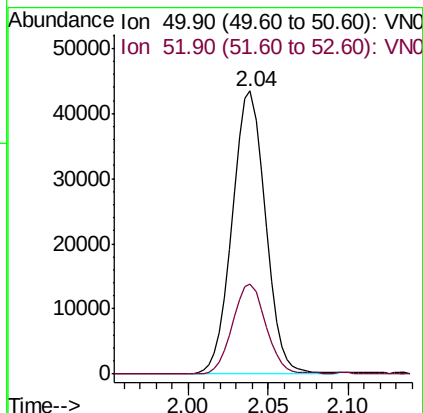
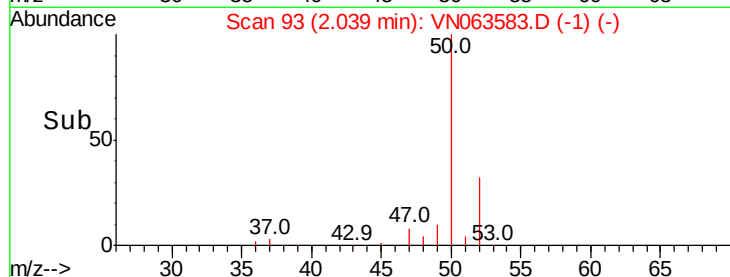
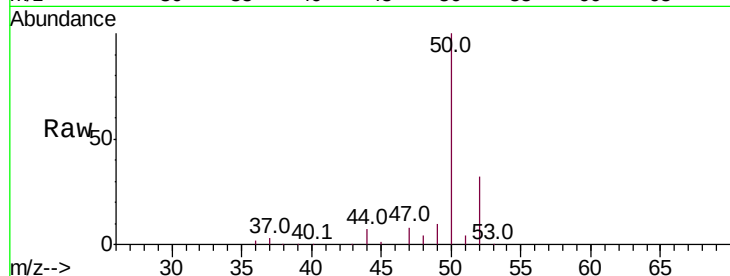
VN0923WBS01

Tot Ion: 50 Resp: 61557

Ion Ratio Lower Upper

50 100

52 32.1 25.9 38.9



#4

Vinyl Chloride

Concen: 18.370 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN063583.D

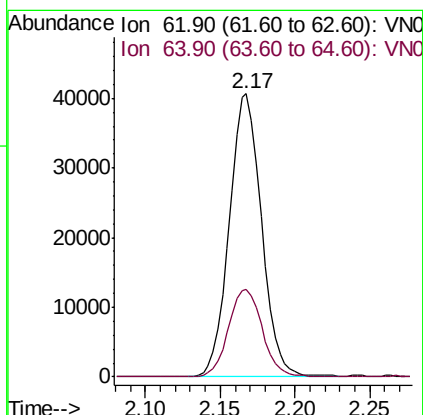
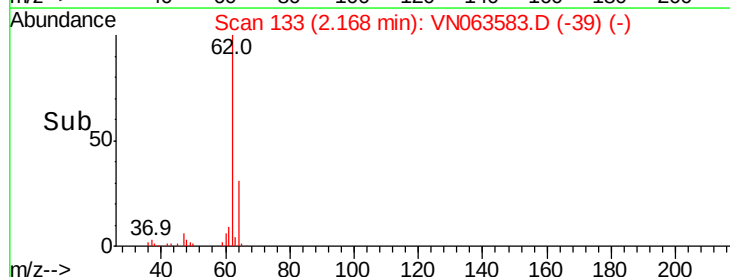
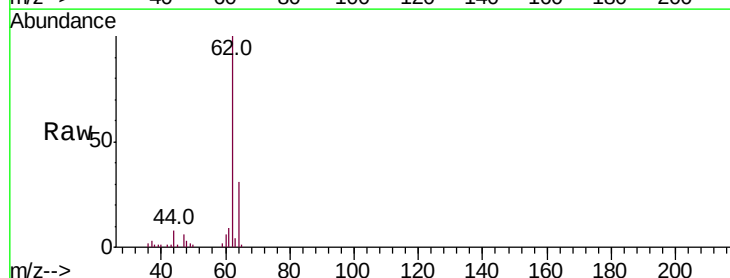
Acq: 23 Sep 2020 12:55

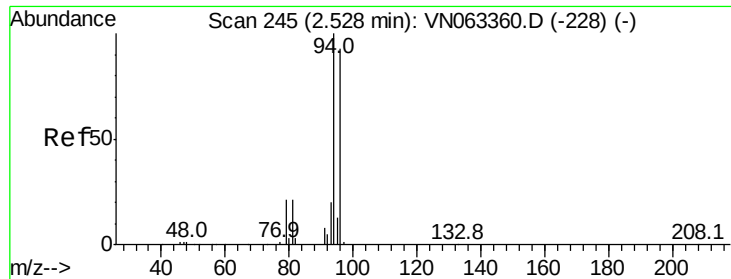
Tgt Ion: 62 Resp: 60967

Ion Ratio Lower Upper

62 100

64 30.7 25.1 37.7





#5

Bromomethane

Concen: 20.185 ug/l

RT: 2.54 min Scan# 248

Delta R.T. 0.01 min

Lab File: VN063583.D

Acq: 23 Sep 2020 12:55

Instrument :

MSVOA_N

ClientSampleId :

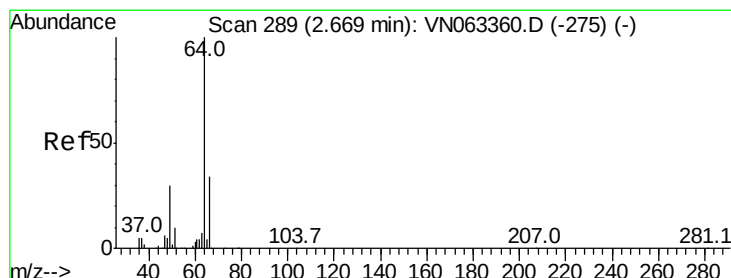
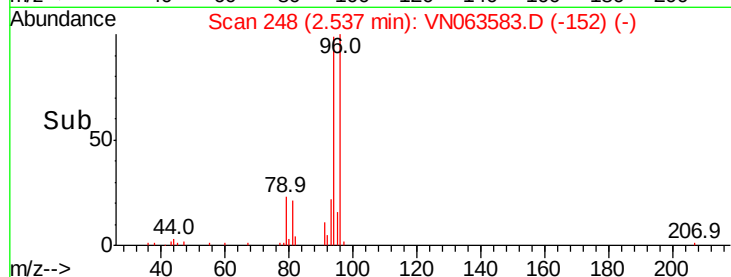
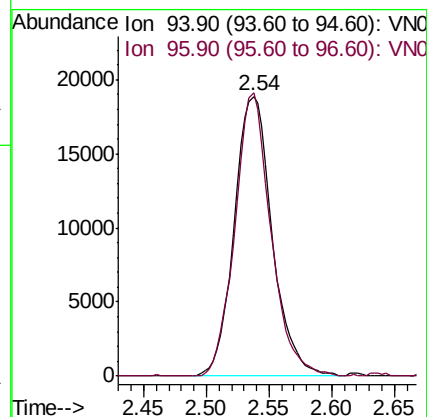
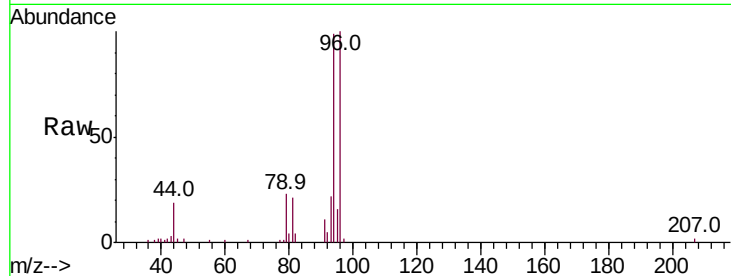
VN0923WBS01

Tot Ion: 94 Resp: 39774

Ion Ratio Lower Upper

94 100

96 101.1 74.5 111.7



#6

Chloroethane

Concen: 18.411 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.01 min

Lab File: VN063583.D

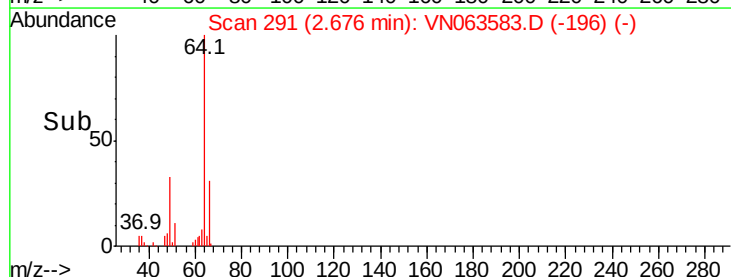
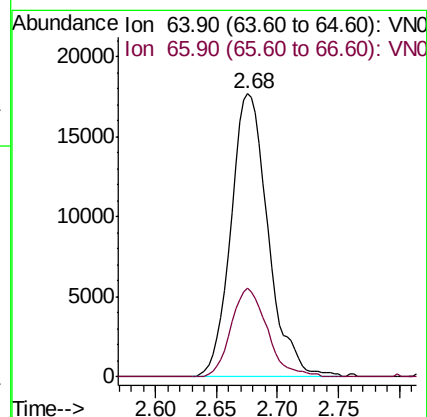
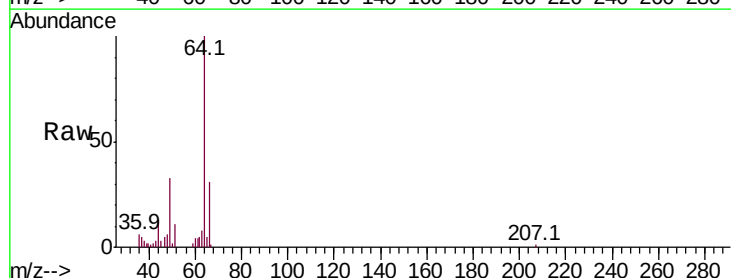
Acq: 23 Sep 2020 12:55

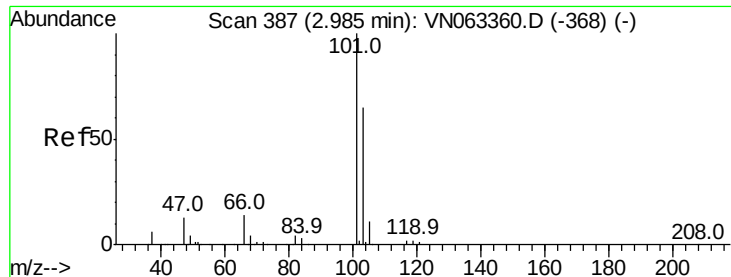
Tgt Ion: 64 Resp: 37506

Ion Ratio Lower Upper

64 100

66 31.3 26.9 40.3



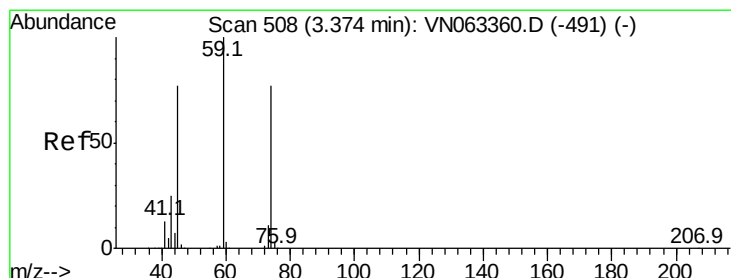
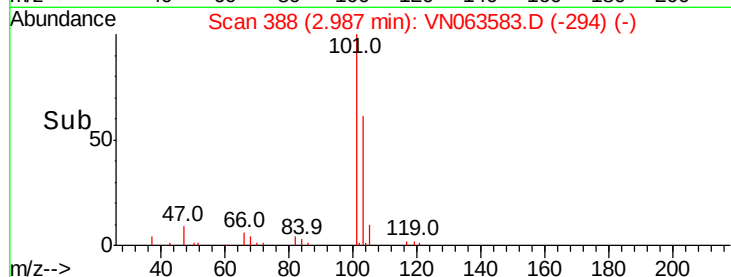
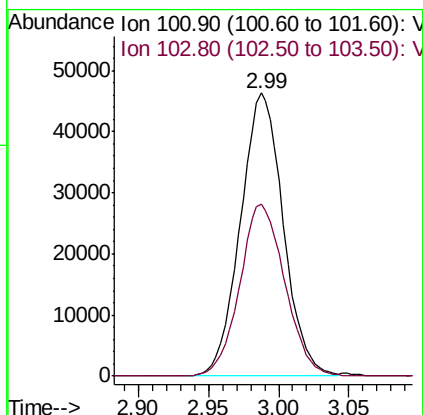
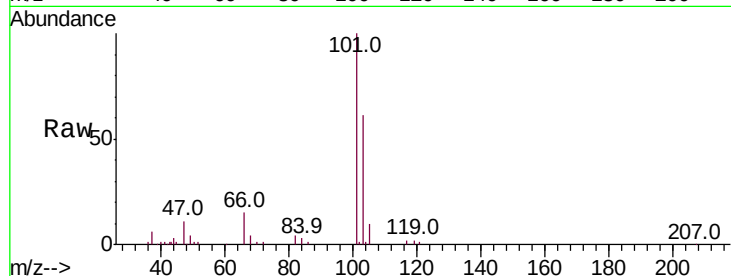


#7

Trichlorofluoromethane
 Concen: 19.888 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VN063583.D
 Acq: 23 Sep 2020 12:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0923WBS01

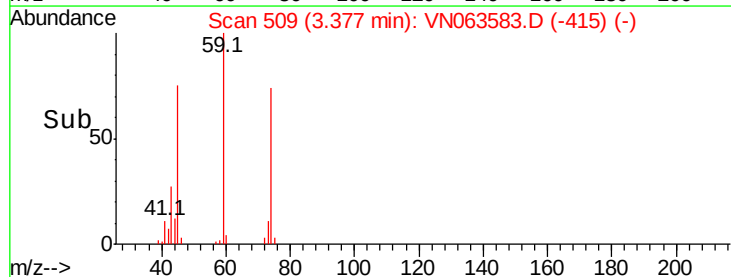
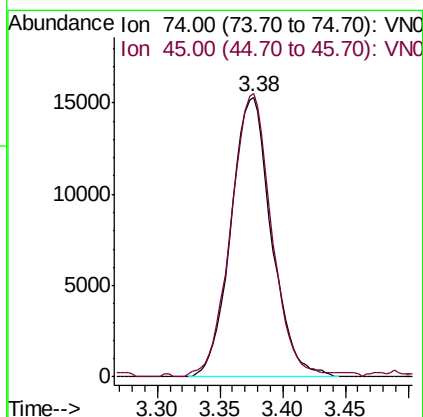
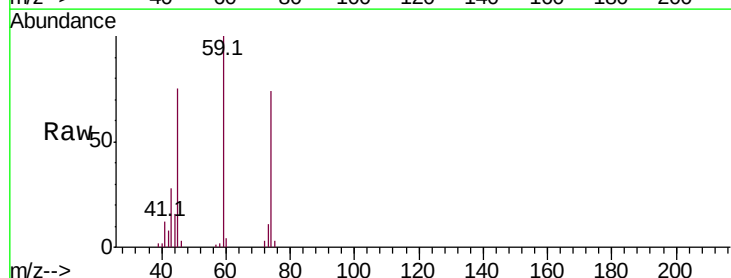
Tot Ion:101 Resp: 98476
 Ion Ratio Lower Upper
 101 100
 103 60.6 52.3 78.5

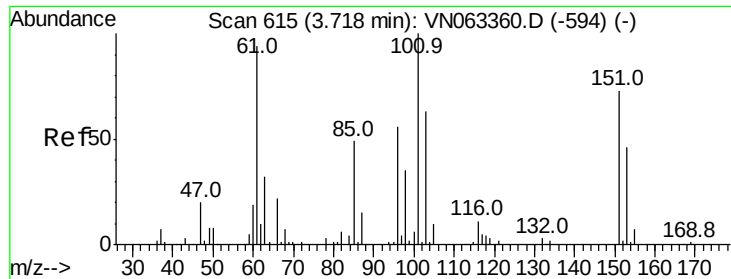


#8

Diethyl Ether
 Concen: 17.796 ug/l
 RT: 3.38 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN063583.D
 Acq: 23 Sep 2020 12:55

Tgt Ion: 74 Resp: 34351
 Ion Ratio Lower Upper
 74 100
 45 102.1 52.1 156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.423 ug/l

RT: 3.72 min Scan# 617

Delta R.T. 0.01 min

Lab File: VN063583.D

Acq: 23 Sep 2020 12:55

Instrument :

MSVOA_N

ClientSampleId :

VN0923WBS01

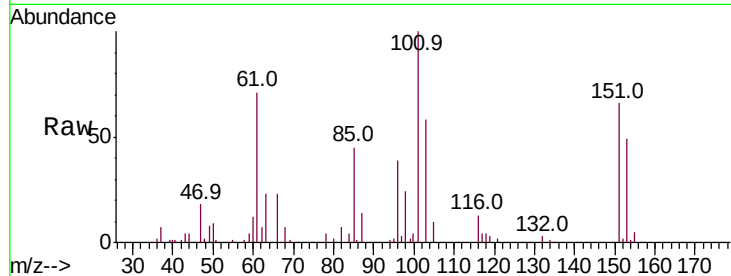
Tot Ion:101 Resp: 54086

Ion Ratio Lower Upper

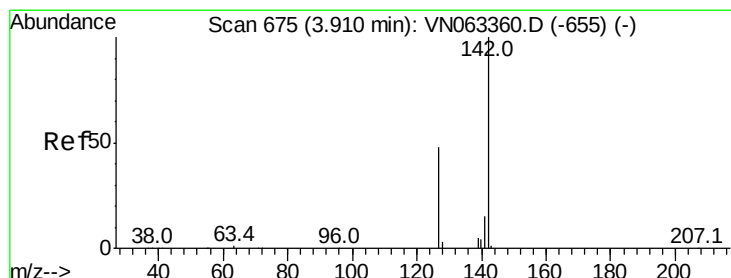
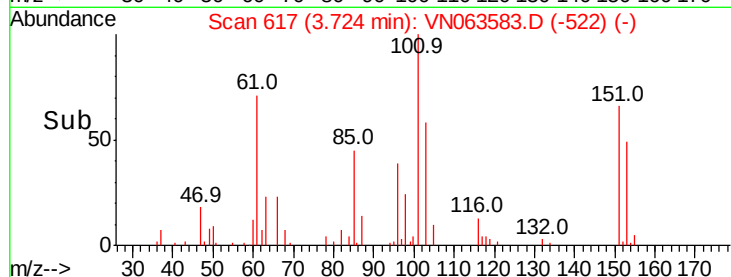
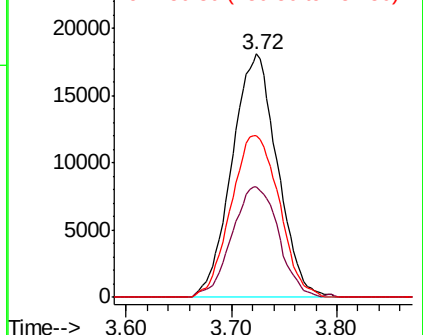
101 100

85 46.8 37.7 56.5

151 70.5 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: 17.065 ug/l

RT: 3.91 min Scan# 676

Delta R.T. 0.00 min

Lab File: VN063583.D

Acq: 23 Sep 2020 12:55

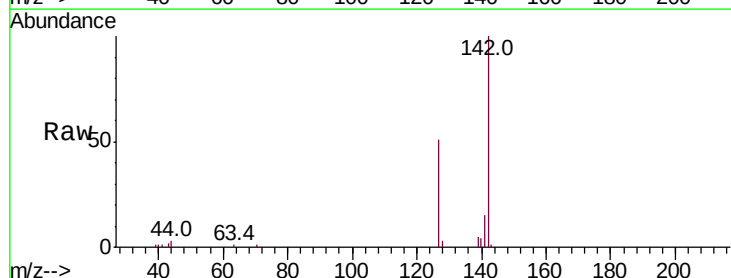
Tgt Ion:142 Resp: 61867

Ion Ratio Lower Upper

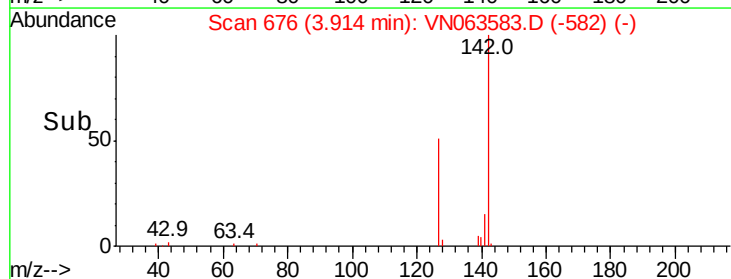
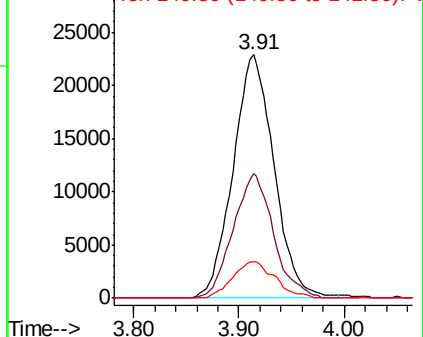
142 100

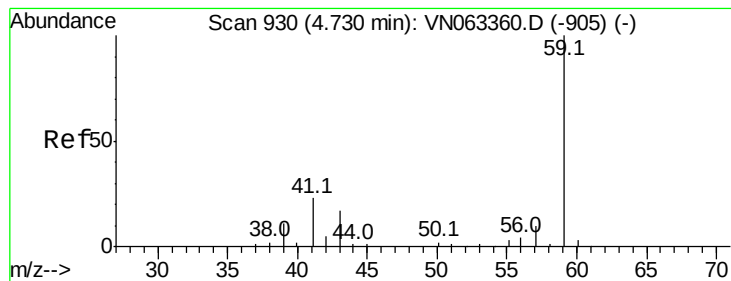
127 50.1 39.0 58.6

141 15.4 11.6 17.4



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V



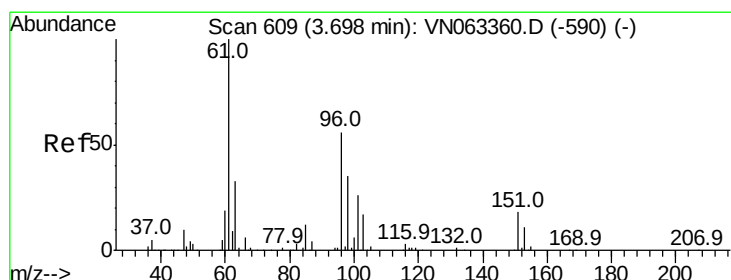
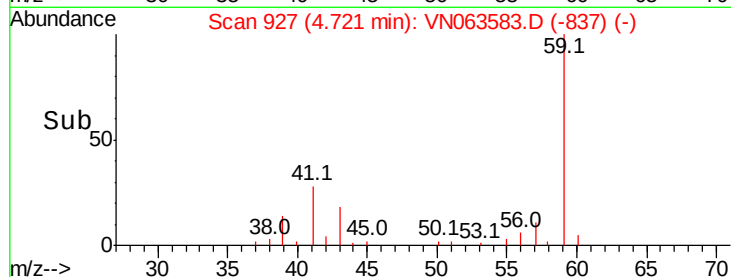
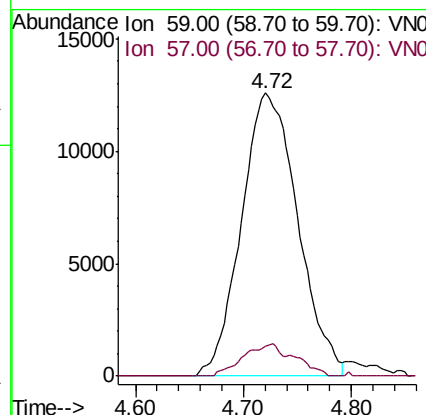
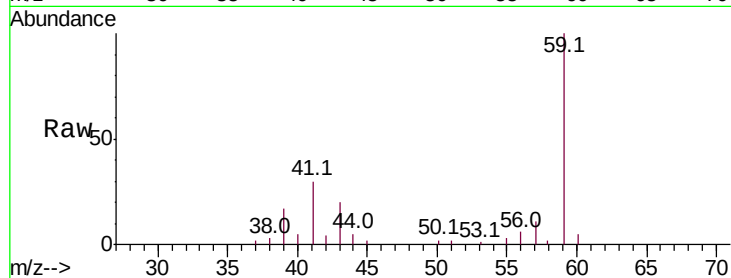


#11

Tert butyl alcohol
 Concen: 77.462 ug/l
 RT: 4.72 min Scan# 927
 Delta R.T. -0.01 min
 Lab File: VN063583.D
 Acq: 23 Sep 2020 12:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0923WBS01

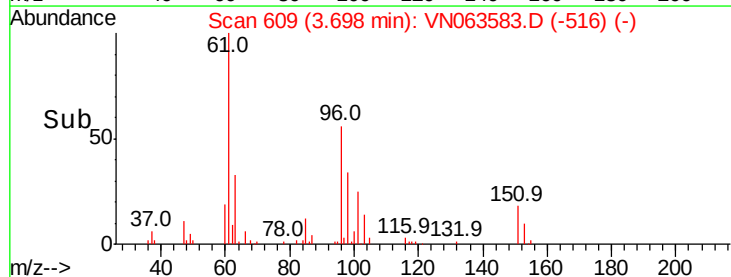
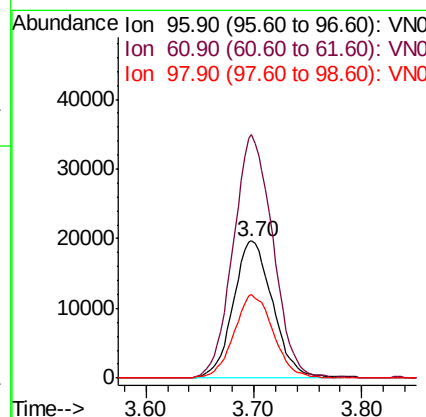
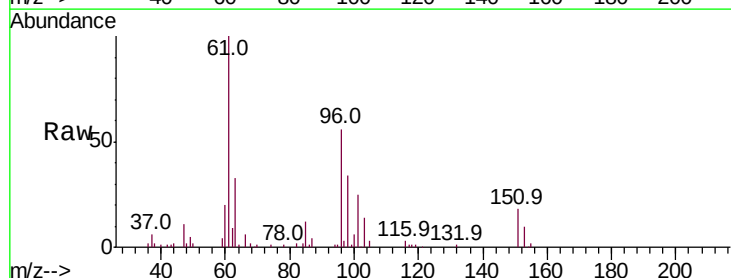
Tot Ion: 59 Resp: 45657
 Ion Ratio Lower Upper
 59 100
 57 7.8 8.4 12.6#

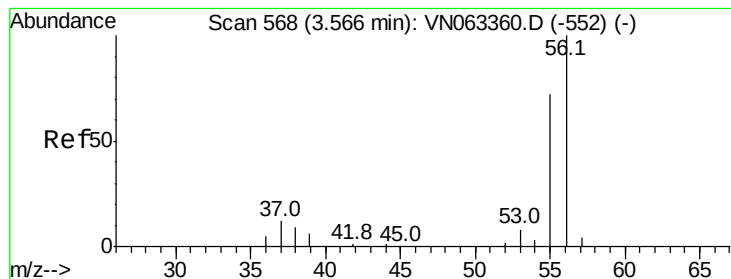


#12

1,1-Dichloroethene
 Concen: 17.767 ug/l
 RT: 3.70 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: VN063583.D
 Acq: 23 Sep 2020 12:55

Tgt Ion: 96 Resp: 50111
 Ion Ratio Lower Upper
 96 100
 61 177.6 143.4 215.2
 98 60.8 50.6 76.0





#13

Acrolein

Concen: 69.268 ug/l

RT: 3.56 min Scan# 567

Delta R.T. -0.00 min

Lab File: VN063583.D

Acq: 23 Sep 2020 12:55

Instrument :

MSVOA_N

ClientSampleId :

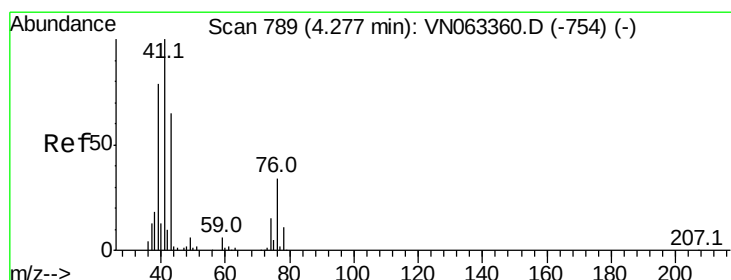
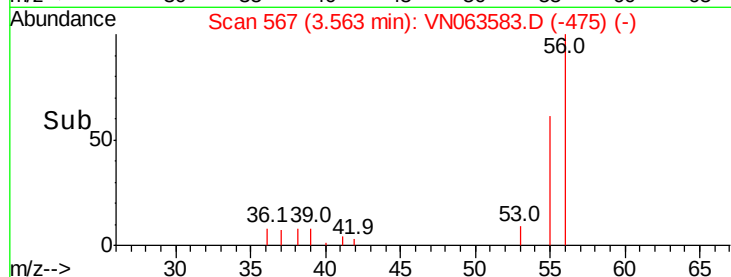
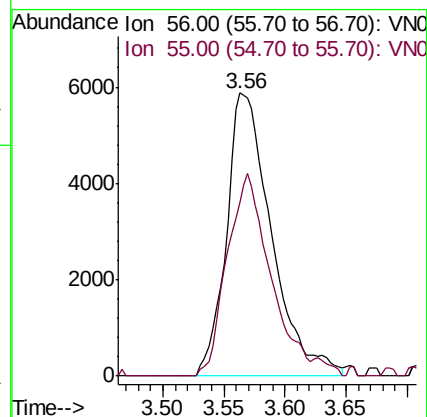
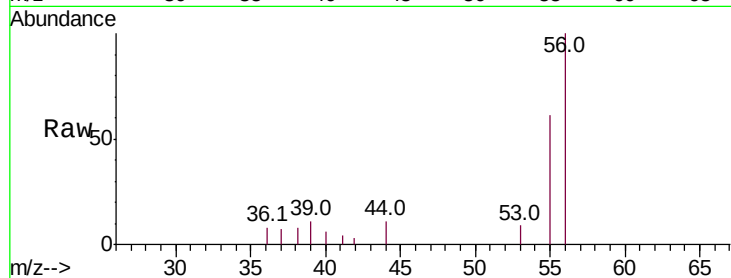
VN0923WBS01

Tot Ion: 56 Resp: 15130

Ion Ratio Lower Upper

56 100

55 68.3 58.2 87.2



#14

Allyl chloride

Concen: 16.831 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063583.D

Acq: 23 Sep 2020 12:55

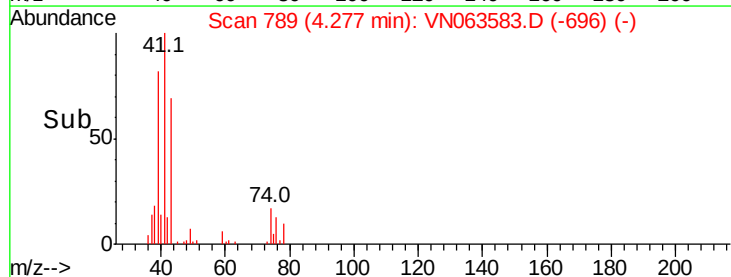
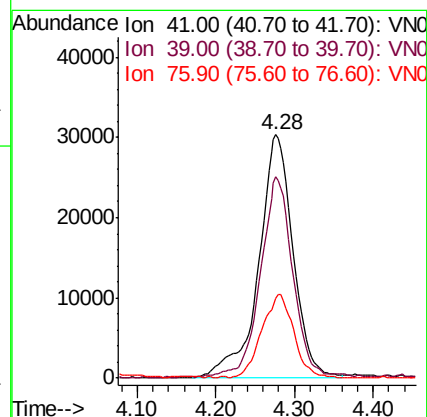
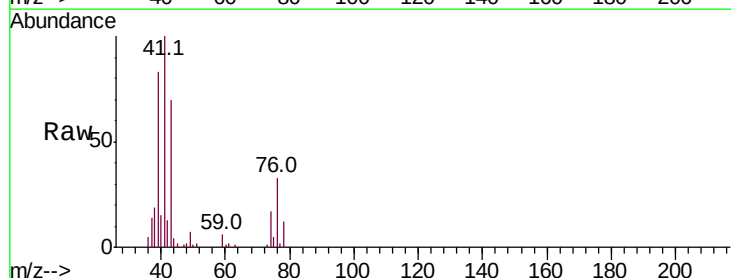
Tgt Ion: 41 Resp: 93899

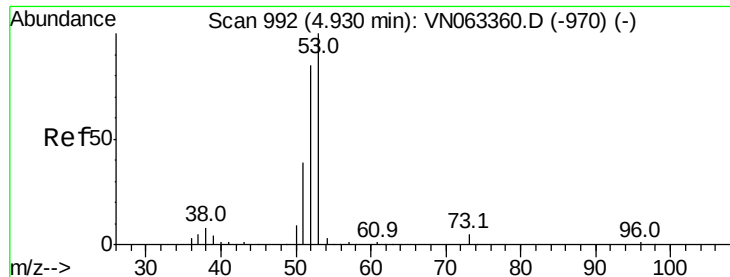
Ion Ratio Lower Upper

41 100

39 78.1 59.3 88.9

76 32.0 25.3 37.9





#15

Acrylonitrile

Concen: 87.255 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN063583.D

Acq: 23 Sep 2020 12:55

Instrument :

MSVOA_N

ClientSampled :

VN0923WBS01

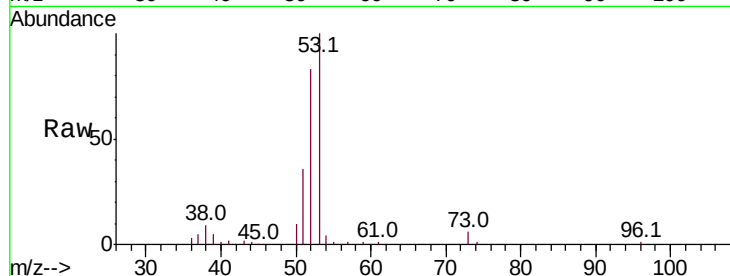
Tot Ion: 53 Resp: 130819

Ion Ratio Lower Upper

53 100

52 83.7 66.4 99.6

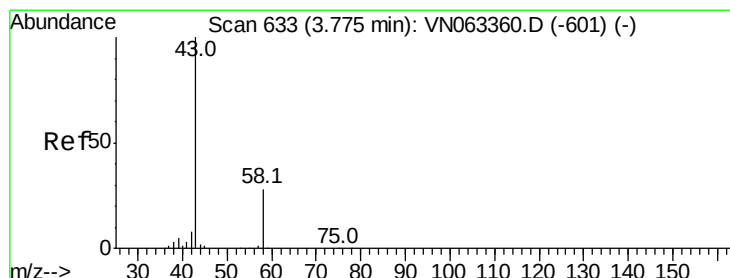
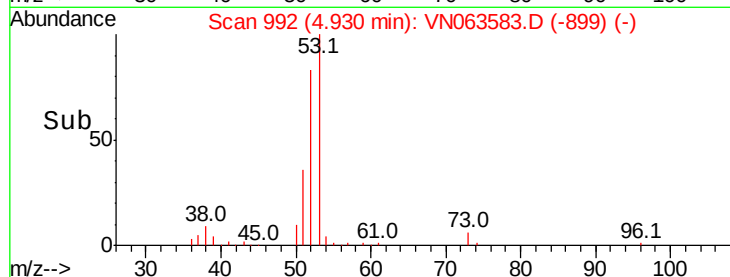
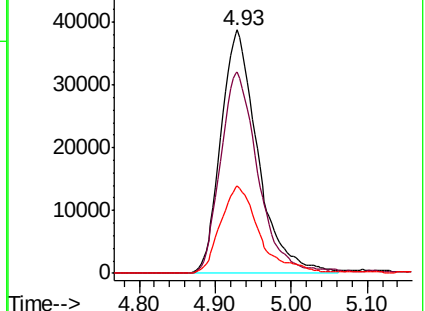
51 37.7 30.2 45.4



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: 88.472 ug/l

RT: 3.77 min Scan# 632

Delta R.T. -0.00 min

Lab File: VN063583.D

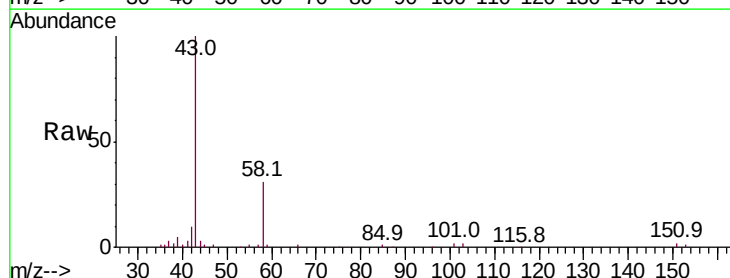
Acq: 23 Sep 2020 12:55

Tgt Ion: 43 Resp: 120973

Ion Ratio Lower Upper

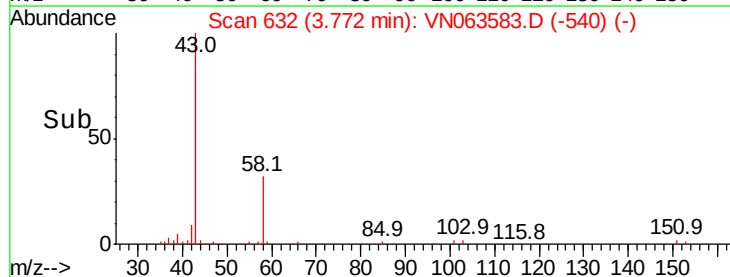
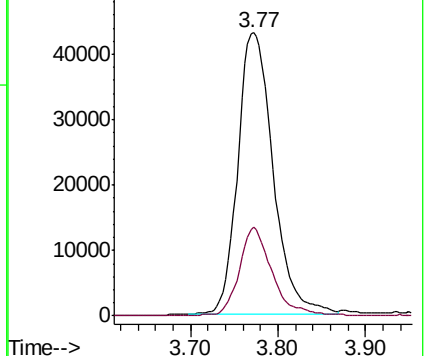
43 100

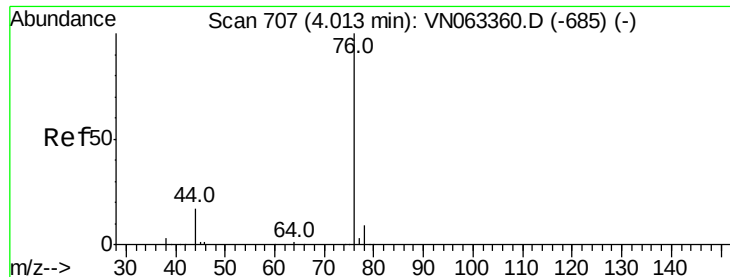
58 31.6 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

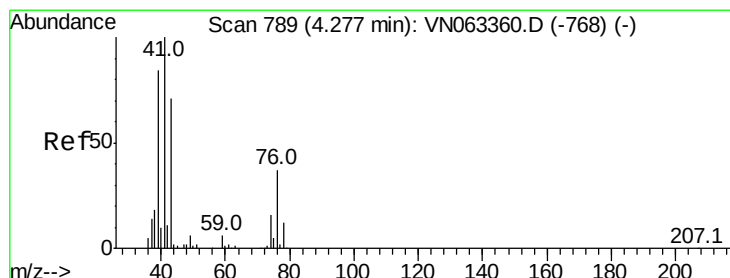
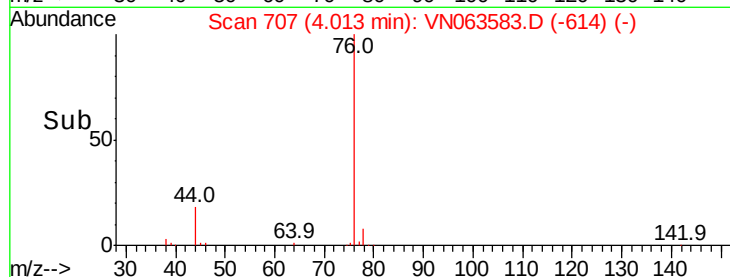
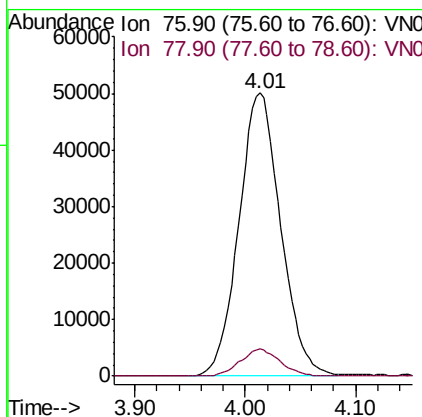
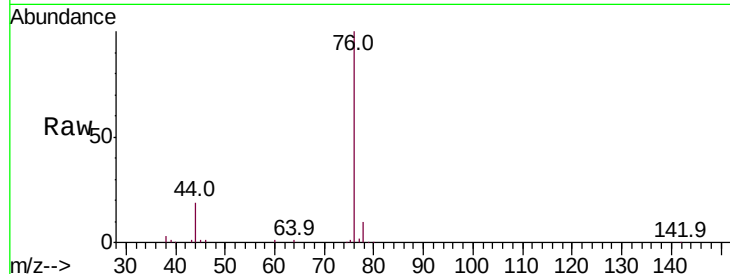




#17
Carbon Disulfide
Concen: 16.013 ug/l
RT: 4.01 min Scan# 707
Delta R.T. -0.00 min
Lab File: VN063583.D
Acq: 23 Sep 2020 12:55

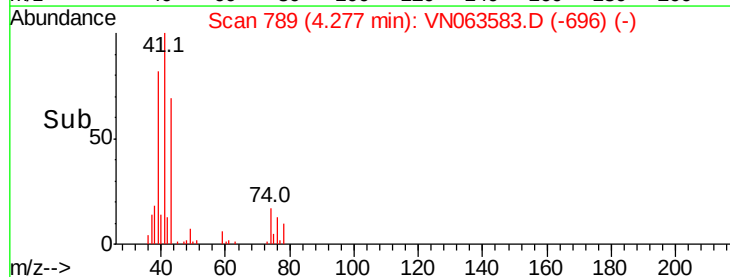
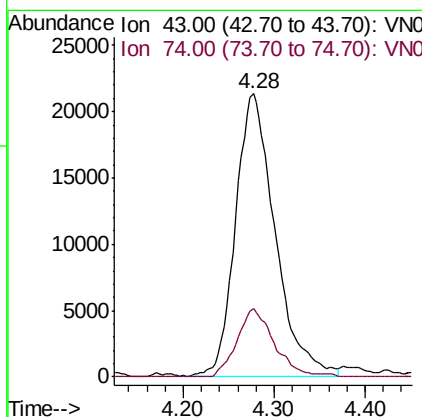
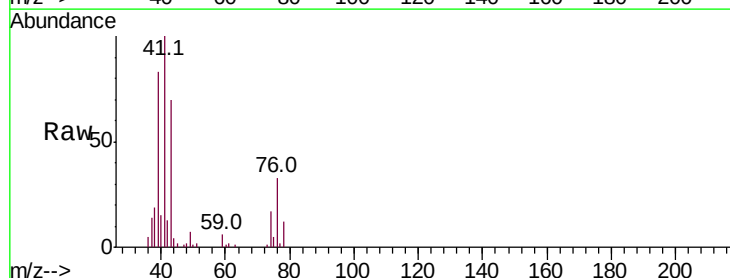
Instrument :
MSVOA_N
ClientSampleId :
VN0923WBS01

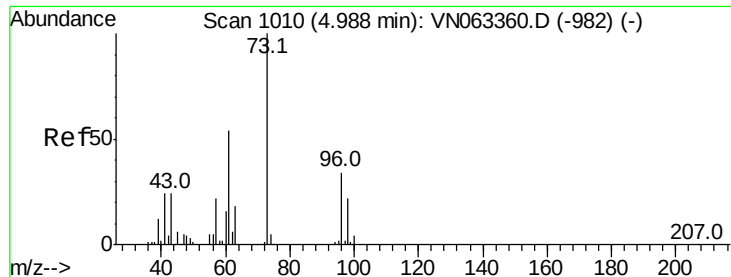
Tot Ion: 76 Resp: 131374
Ion Ratio Lower Upper
76 100
78 9.5 7.2 10.8



#18
Methyl Acetate
Concen: 18.671 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN063583.D
Acq: 23 Sep 2020 12:55

Tgt Ion: 43 Resp: 64811
Ion Ratio Lower Upper
43 100
74 22.5 17.4 26.2

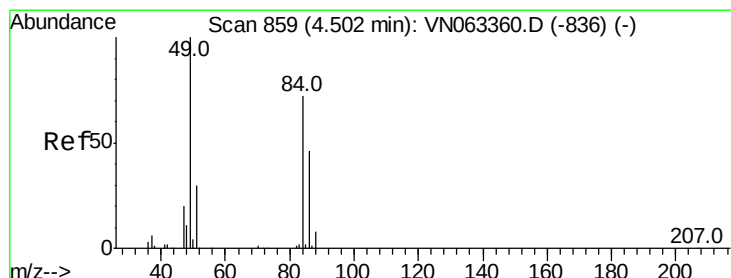
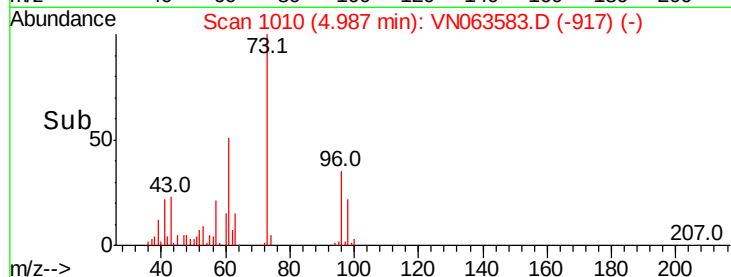
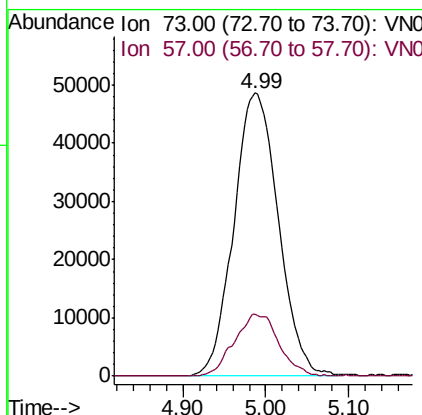
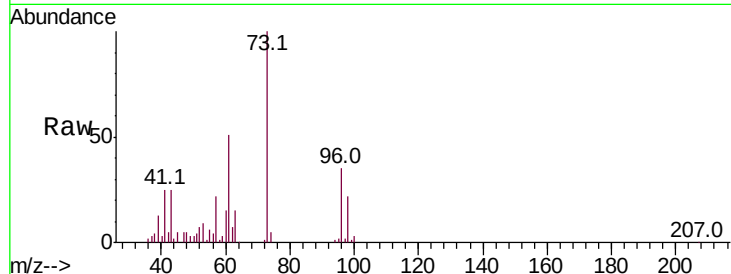




#19
Methyl tert-butyl Ether
Concen: 17.299 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. -0.00 min
Lab File: VN063583.D
Acq: 23 Sep 2020 12:55

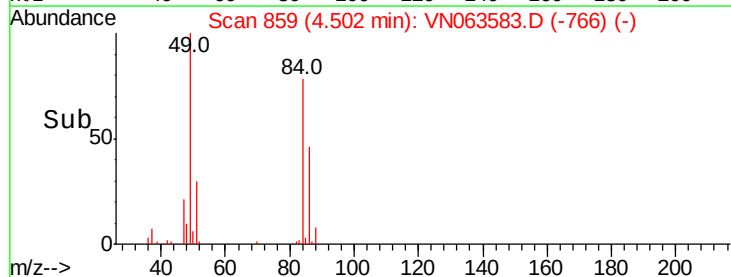
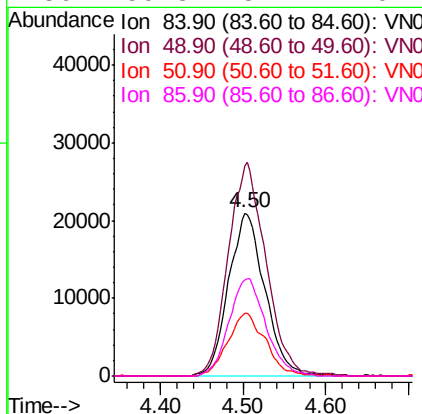
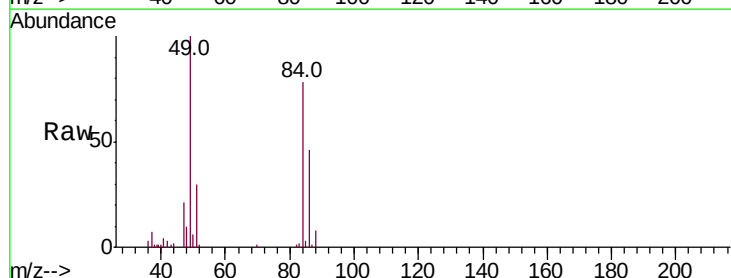
Instrument :
MSVOA_N
ClientSampled :
VN0923WBS01

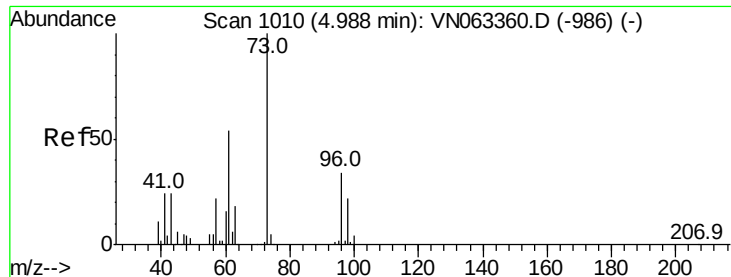
Tot Ion: 73 Resp: 181854
Ion Ratio Lower Upper
73 100
57 22.0 17.9 26.9



#20
Methylene Chloride
Concen: 18.401 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN063583.D
Acq: 23 Sep 2020 12:55

Tgt Ion: 84 Resp: 63749
Ion Ratio Lower Upper
84 100
49 128.9 110.7 166.1
51 38.3 32.9 49.3
86 59.3 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 17.448 ug/l

RT: 4.99 min Scan# 1011

Delta R.T. 0.00 min

Lab File: VN063583.D

Acq: 23 Sep 2020 12:55

Instrument :

MSVOA_N

ClientSampled :

VN0923WBS01

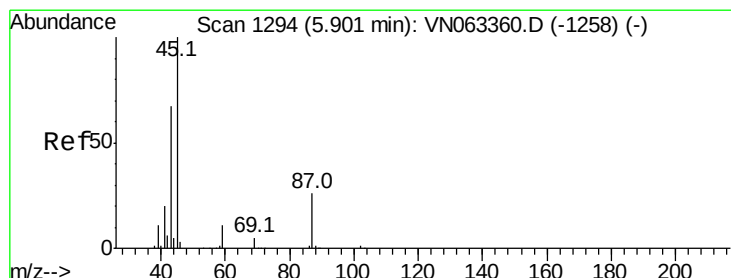
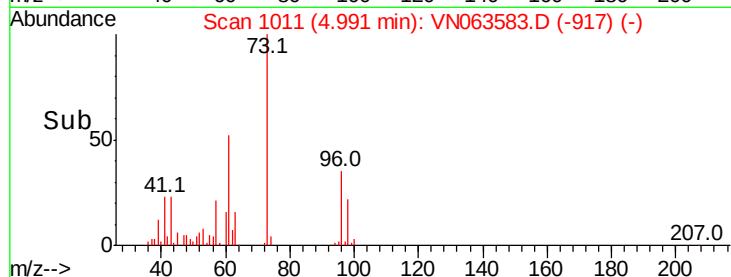
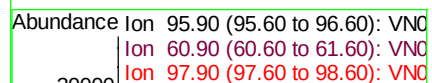
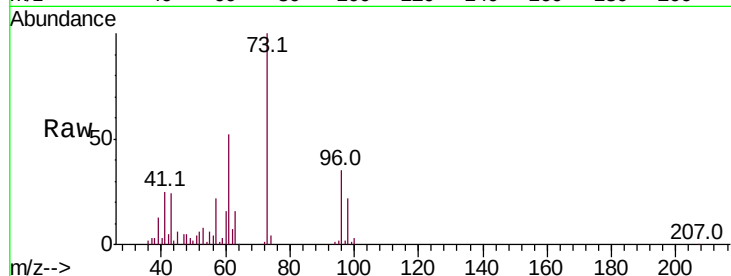
Tot Ion: 96 Resp: 54523

Ion Ratio Lower Upper

96 100

61 148.2 126.2 189.4

98 62.2 51.0 76.4



#22

Diisopropyl ether

Concen: 17.533 ug/l

RT: 5.90 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VN063583.D

Acq: 23 Sep 2020 12:55

Tgt Ion: 45 Resp: 199499

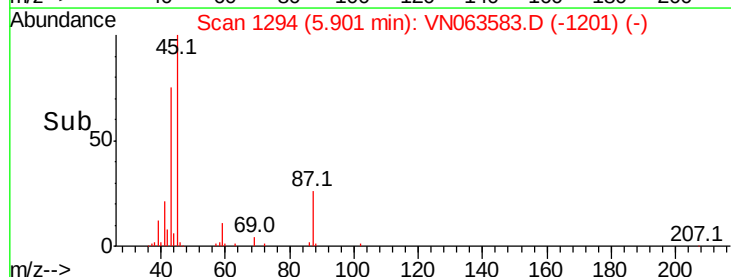
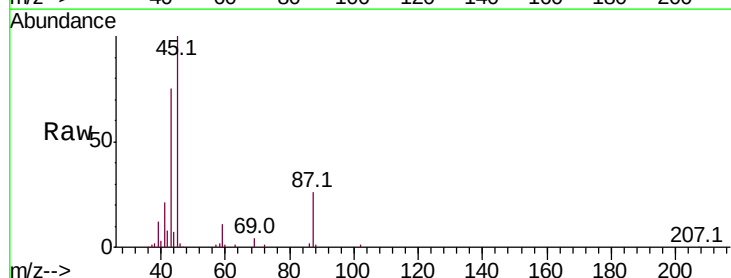
Ion Ratio Lower Upper

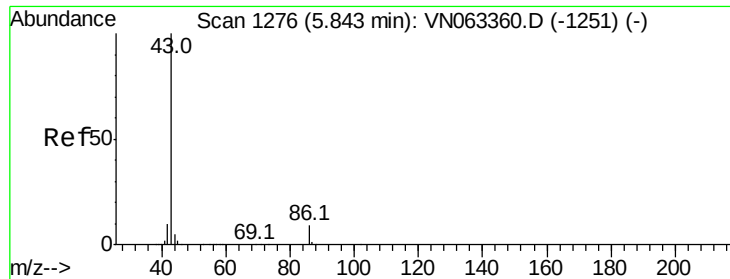
45 100

43 71.4 53.5 80.3

87 26.1 21.2 31.8

59 11.1 8.8 13.2





#23

Vinyl Acetate

Concen: 86.139 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. -0.00 min

Lab File: VN063583.D

Acq: 23 Sep 2020 12:55

Instrument :

MSVOA_N

ClientSampled :

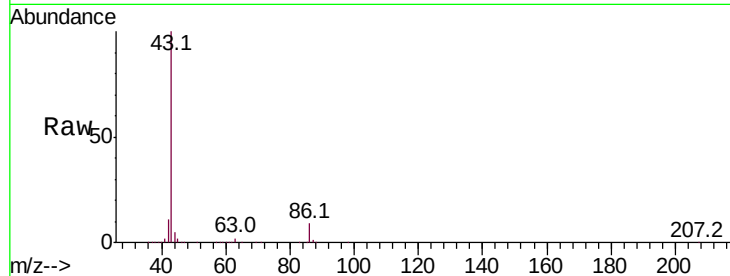
VN0923WBS01

Tot Ion: 43 Resp: 804941

Ion Ratio Lower Upper

43 100

86 8.9 7.1 10.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

250000

200000

150000

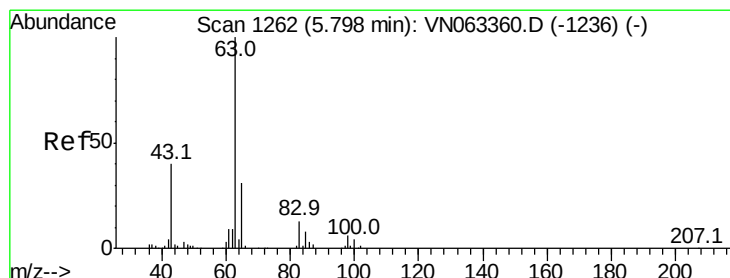
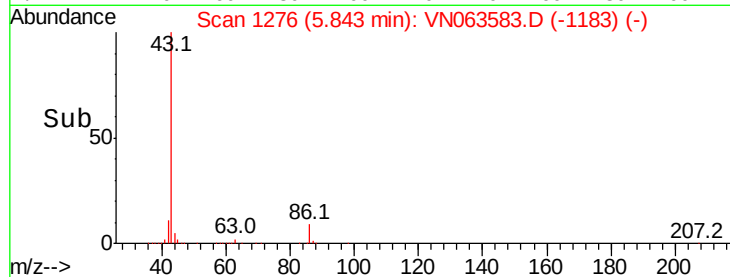
100000

50000

0

5.70 5.80 5.90 6.00 6.10

Time-->



#24

1,1-Dichloroethane

Concen: 17.958 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. -0.00 min

Lab File: VN063583.D

Acq: 23 Sep 2020 12:55

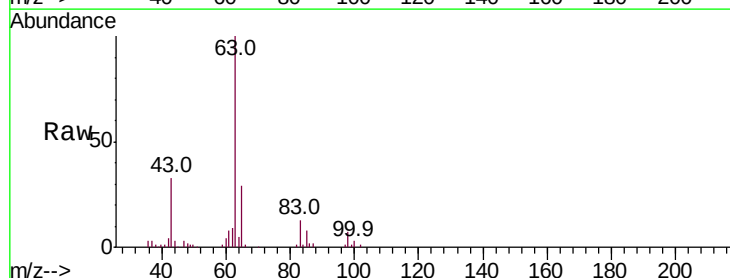
Tgt Ion: 63 Resp: 111558

Ion Ratio Lower Upper

63 100

98 6.8 2.9 8.8

100 3.4 2.1 6.3



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

40000

30000

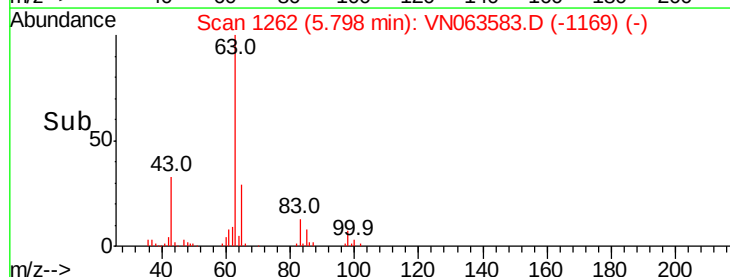
20000

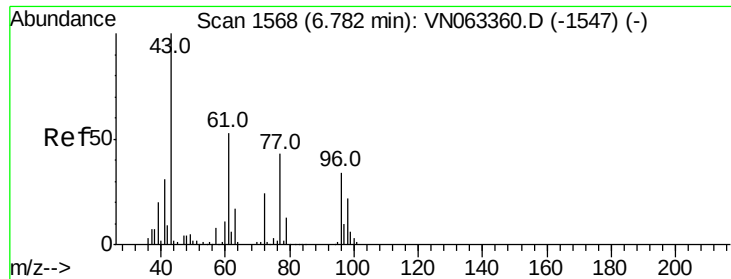
10000

0

5.70 5.80 5.90

Time-->





#25

2-Butanone

Concen: 87.908 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VN063583.D

Acq: 23 Sep 2020 12:55

Instrument :

MSVOA_N

ClientSampled :

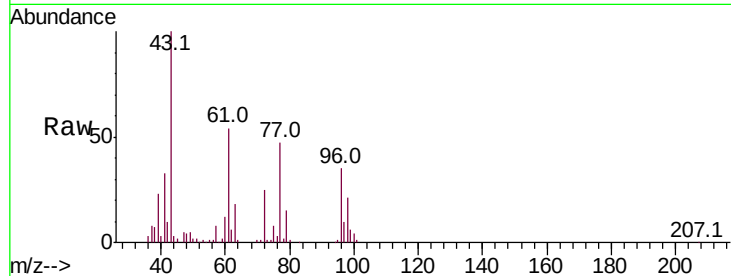
VN0923WBS01

Tot Ion: 43 Resp: 184867

Ion Ratio Lower Upper

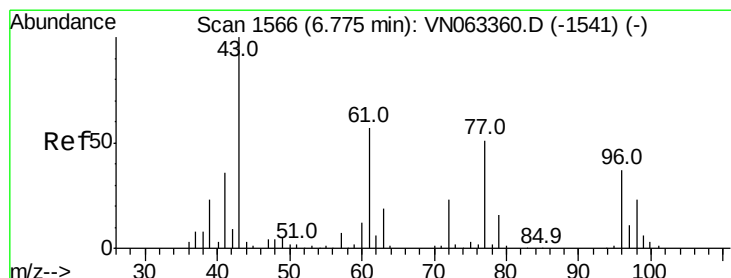
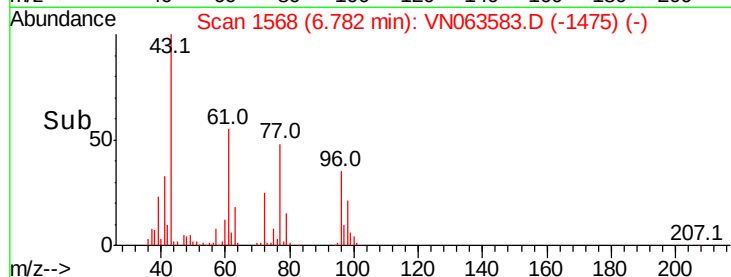
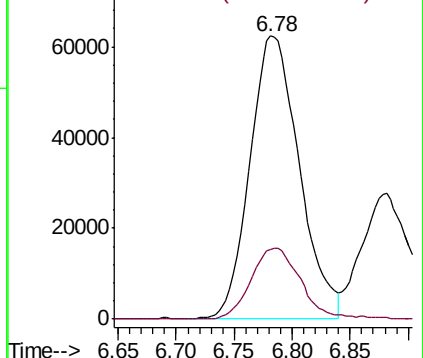
43 100

72 24.8 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: 17.452 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN063583.D

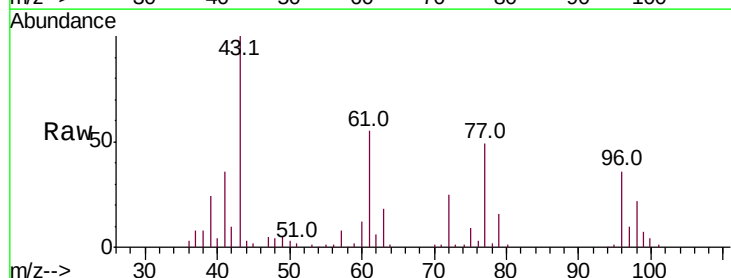
Acq: 23 Sep 2020 12:55

Tgt Ion: 77 Resp: 95453

Ion Ratio Lower Upper

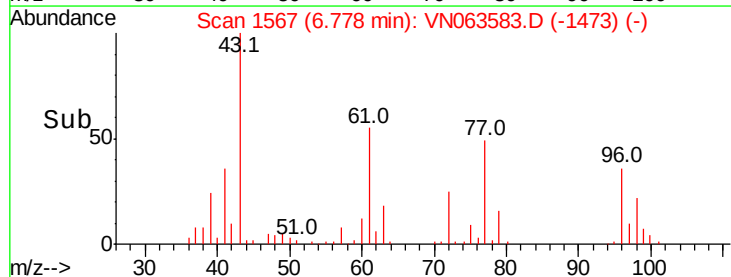
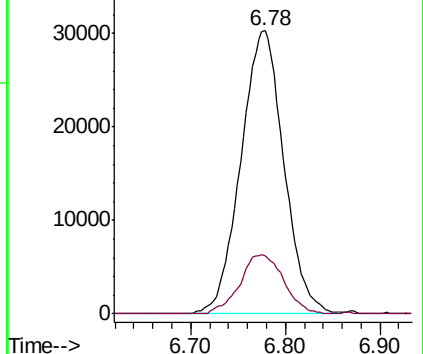
77 100

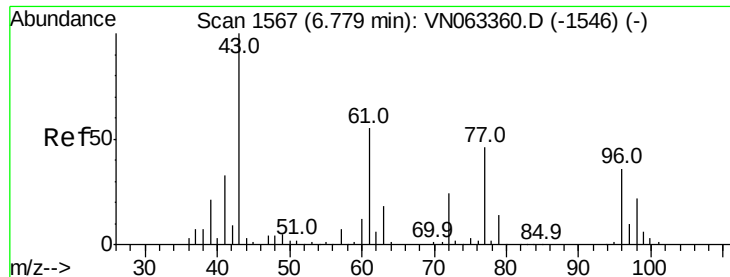
97 21.3 10.5 31.6



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: 18.274 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VN063583.D

Acq: 23 Sep 2020 12:55

Instrument :

MSVOA_N

ClientSampleId :

VN0923WBS01

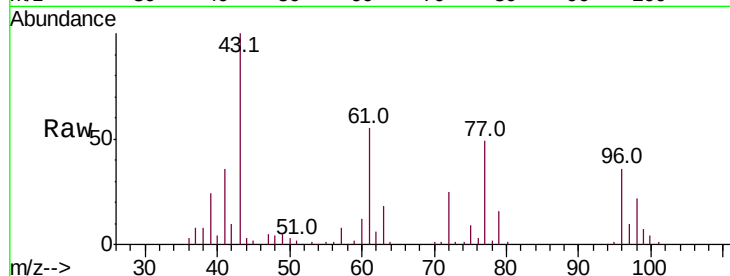
Tot Ion: 96 Resp: 64635

Ion Ratio Lower Upper

96 100

61 158.5 0.0 319.6

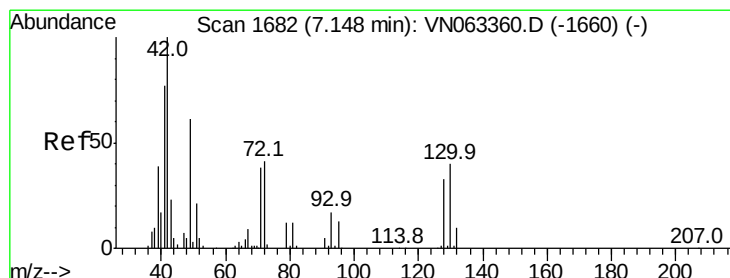
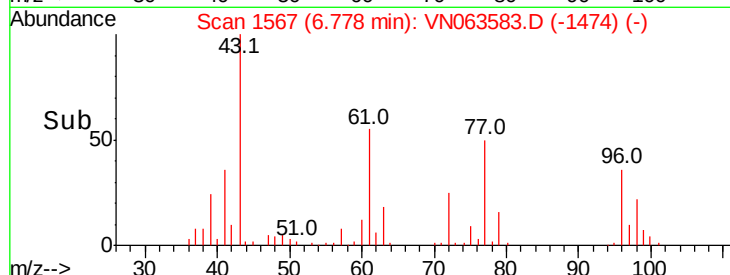
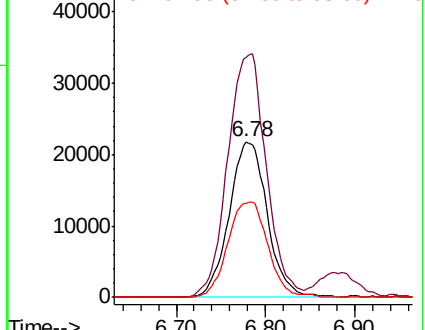
98 63.7 0.0 127.8



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: 18.221 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VN063583.D

Acq: 23 Sep 2020 12:55

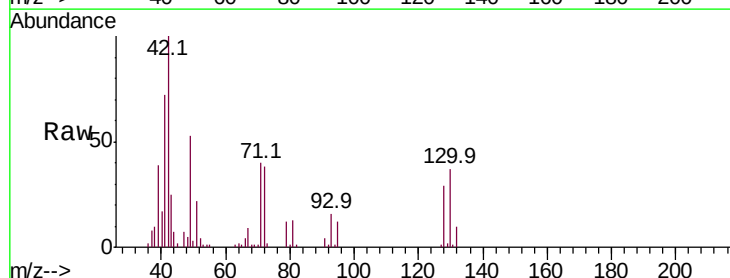
Tgt Ion: 49 Resp: 52263

Ion Ratio Lower Upper

49 100

129 0.6 0.0 3.8

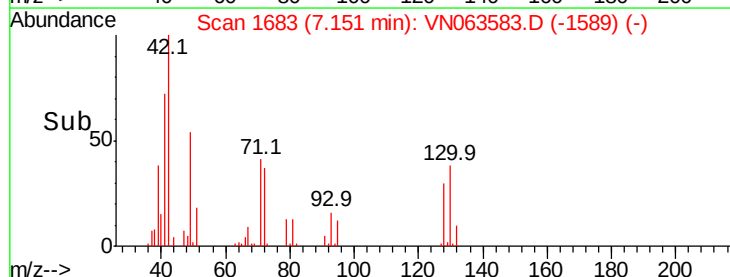
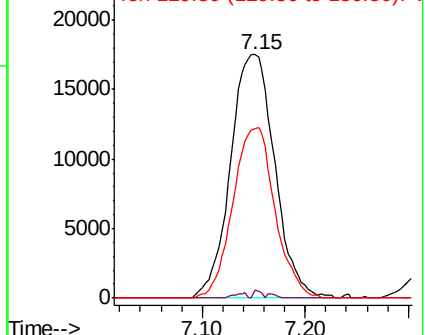
130 66.4 52.2 78.2

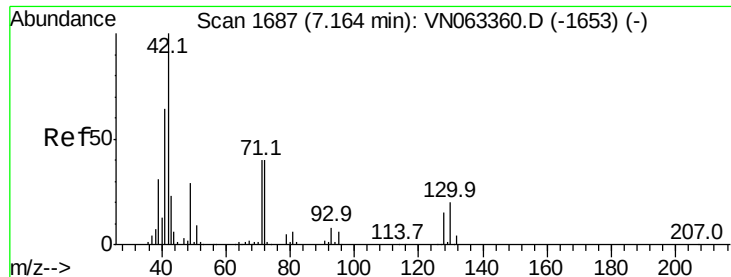


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

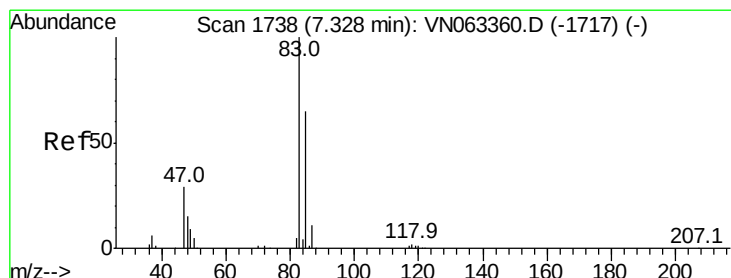
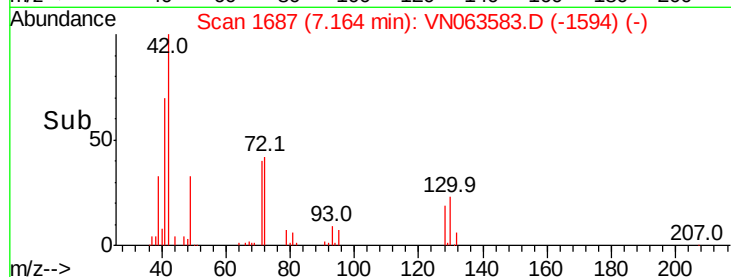
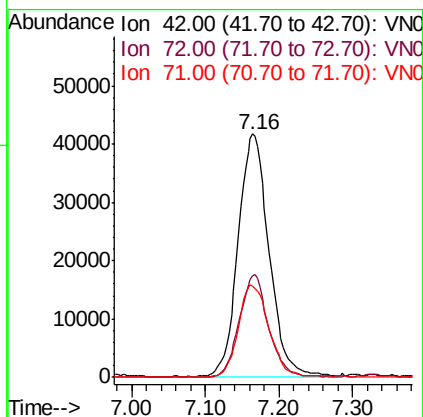
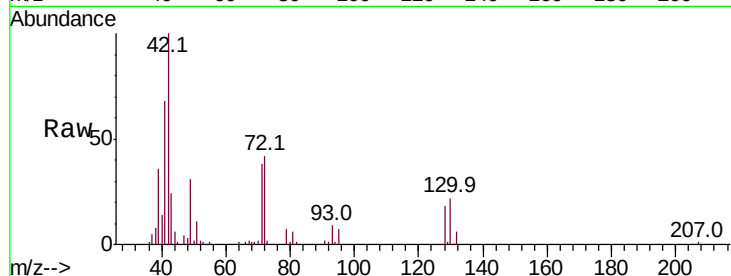




#29
Tetrahydrofuran
Concen: 85.436 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VN063583.D
Acq: 23 Sep 2020 12:55

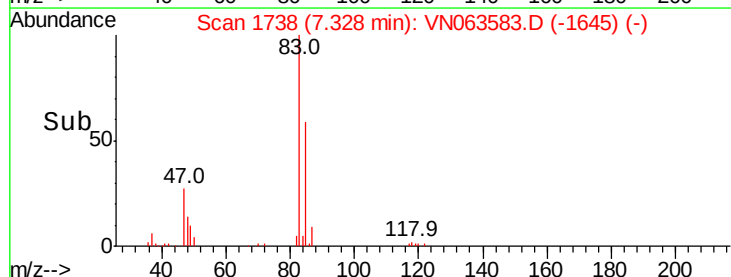
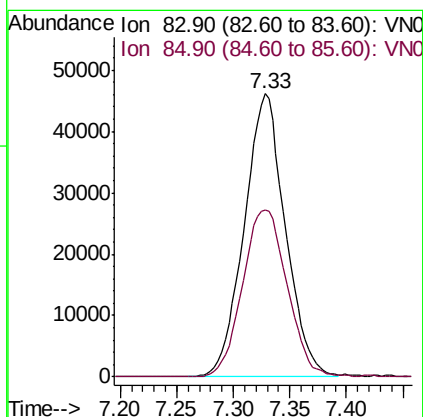
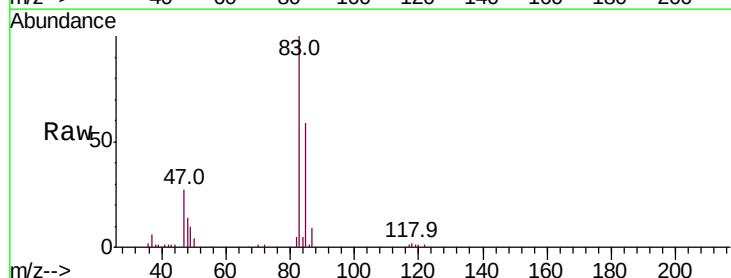
Instrument :
MSVOA_N
ClientSampled :
VN0923WBS01

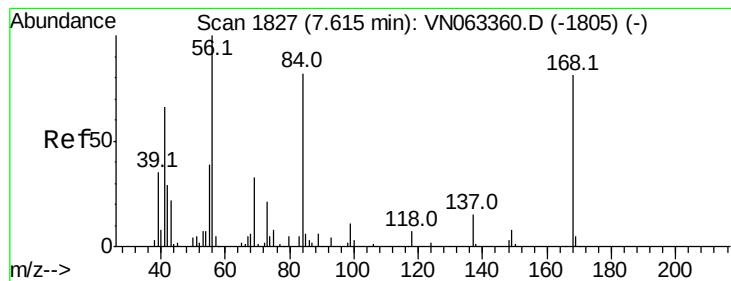
Tot Ion: 42 Resp: 122710
Ion Ratio Lower Upper
42 100
72 39.6 32.1 48.1
71 37.2 31.2 46.8



#30
Chloroform
Concen: 18.720 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VN063583.D
Acq: 23 Sep 2020 12:55

Tgt Ion: 83 Resp: 116670
Ion Ratio Lower Upper
83 100
85 58.9 52.1 78.1





#31

Cyclohexane

Concen: 16.274 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VN063583.D

Acq: 23 Sep 2020 12:55

Instrument :

MSVOA_N

ClientSampleId :

VN0923WBS01

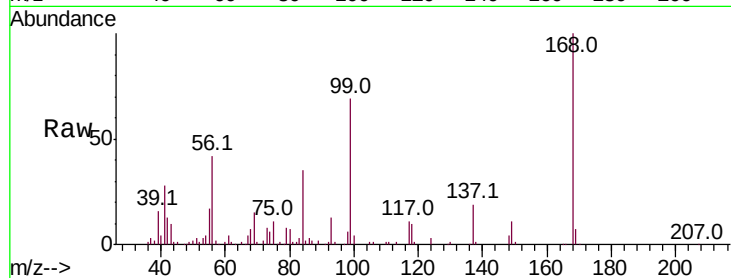
Tot Ion: 56 Resp: 95628

Ion Ratio Lower Upper

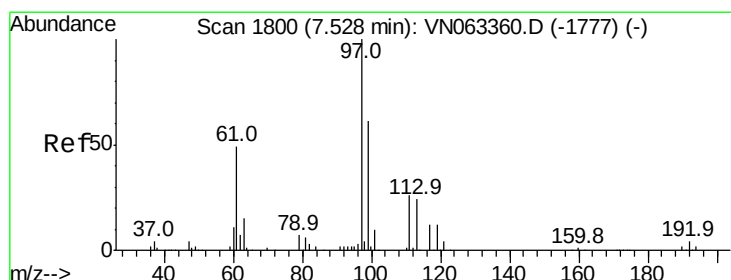
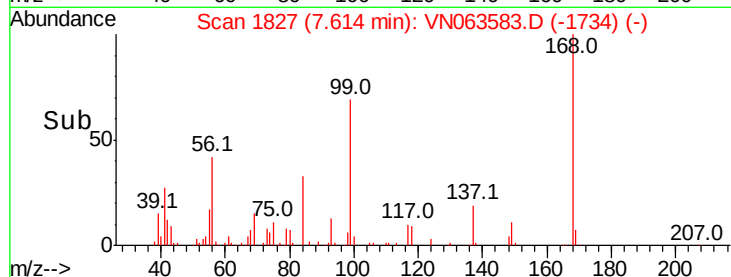
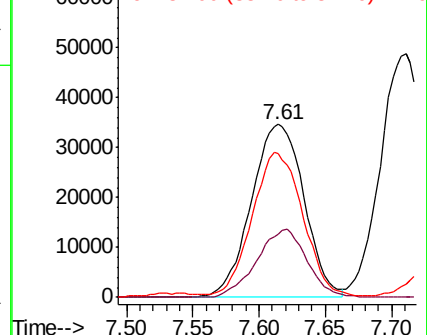
56 100

69 36.6 26.1 39.1

84 81.2 65.4 98.2



Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 17.764 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VN063583.D

Acq: 23 Sep 2020 12:55

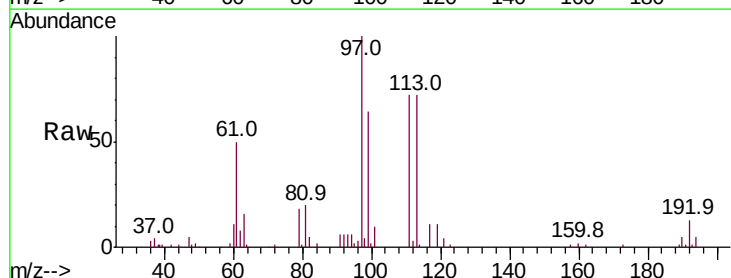
Tgt Ion: 97 Resp: 98473

Ion Ratio Lower Upper

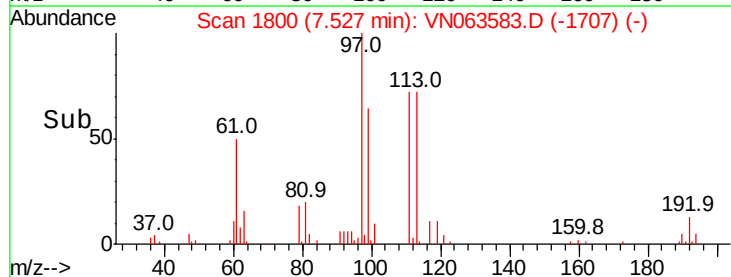
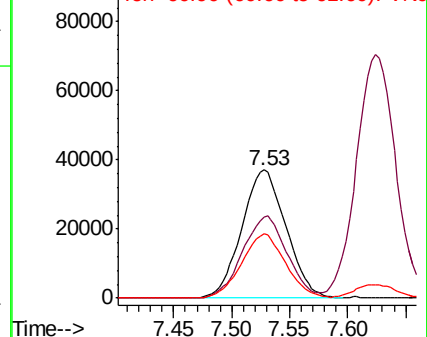
97 100

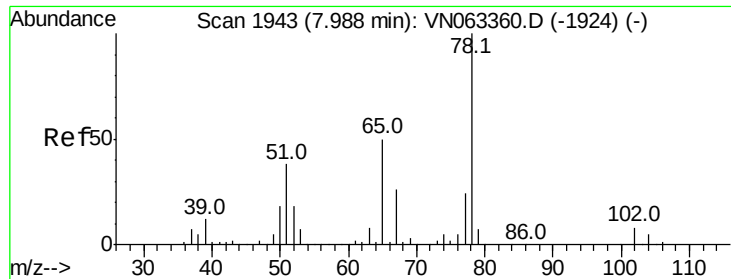
99 64.3 50.6 76.0

61 49.9 39.2 58.8



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0





#33

1,2-Dichloroethane-d4

Concen: 48.253 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN063583.D

Acq: 23 Sep 2020 12:55

Instrument :

MSVOA_N

ClientSampleId :

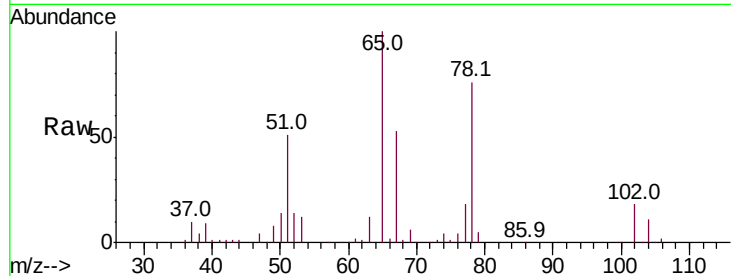
VN0923WBS01

Tot Ion: 65 Resp: 205299

Ion Ratio Lower Upper

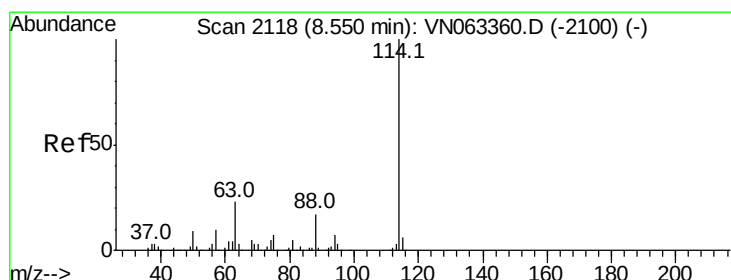
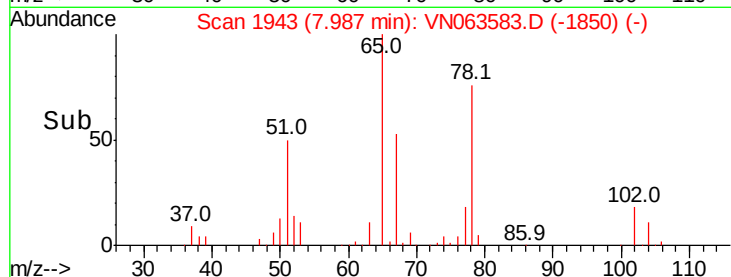
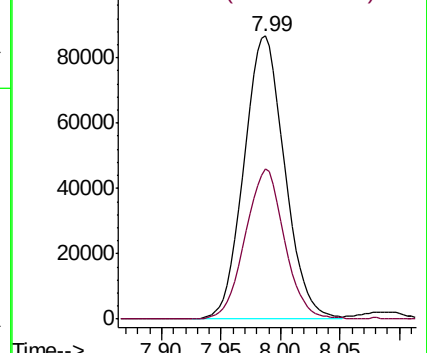
65 100

67 51.2 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VN063360.D (-1924) (-)

Ion 66.90 (66.60 to 67.60): VN063360.D (-1924) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN063583.D

Acq: 23 Sep 2020 12:55

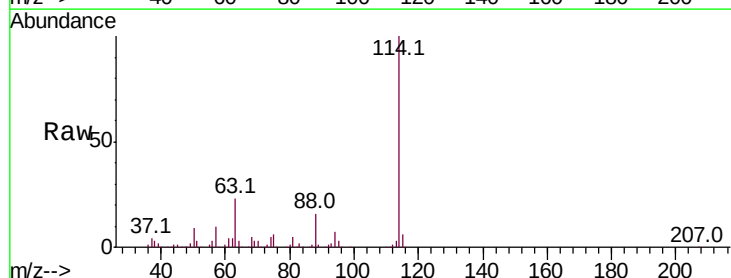
Tgt Ion: 114 Resp: 427138

Ion Ratio Lower Upper

114 100

63 22.8 0.0 46.4

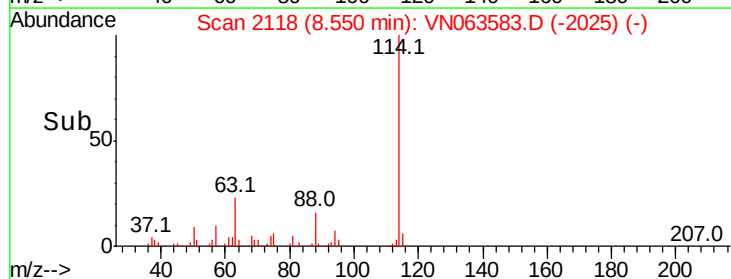
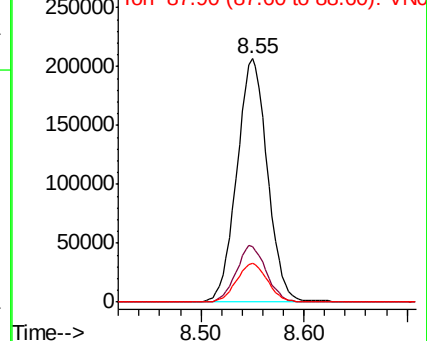
88 16.2 0.0 33.2

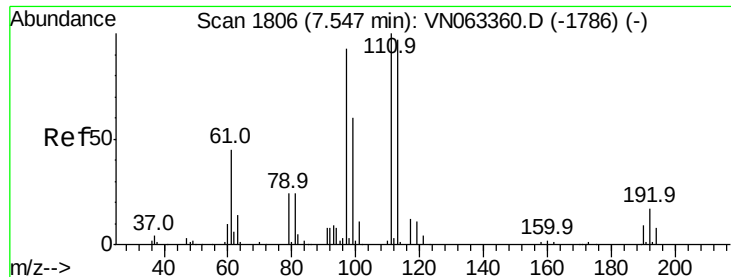


Abundance Ion 113.90 (113.60 to 114.60): VN063360.D (-2100) (-)

Ion 63.00 (62.70 to 63.70): VN063360.D (-2100) (-)

Ion 87.90 (87.60 to 88.60): VN063360.D (-2100) (-)

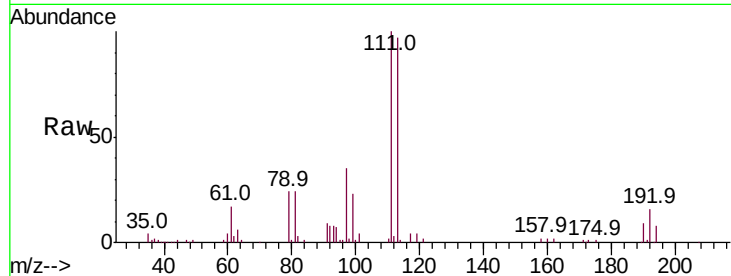




#35
 Dibromofluoromethane
 Concen: 48.851 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN063583.D
 Acq: 23 Sep 2020 12:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0923WBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.9	124.3
192	17.4	13.9	20.9

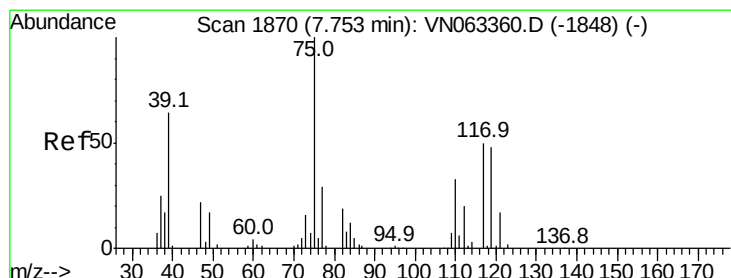
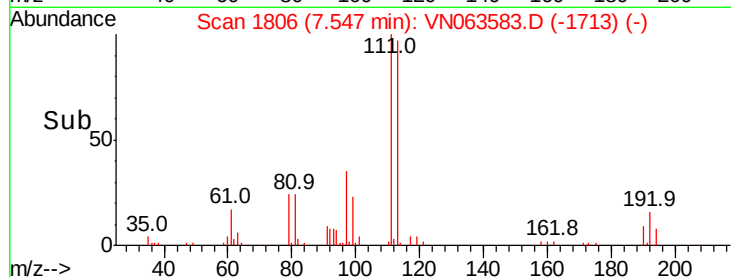
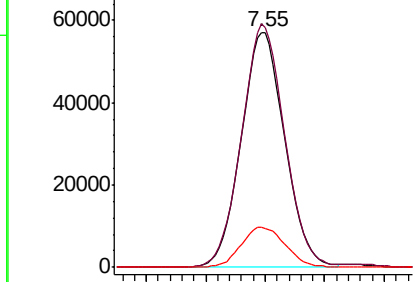


Abundance

Ion 112.80 (112.50 to 113.50): V

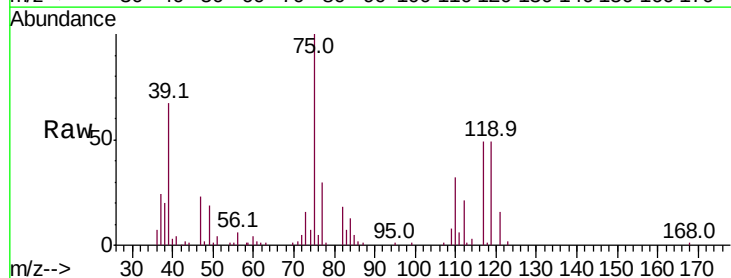
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 18.208 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN063583.D
 Acq: 23 Sep 2020 12:55

Tgt Ion	Ratio	Lower	Upper
75	100		
110	32.5	16.5	49.5
77	31.6	24.6	36.8

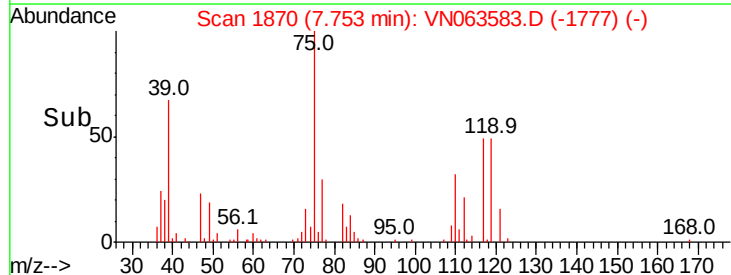
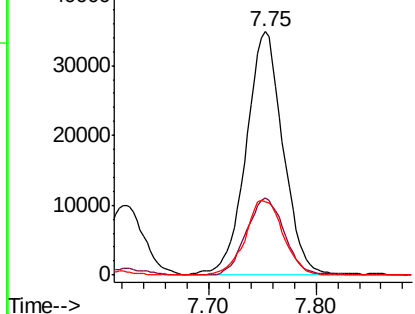


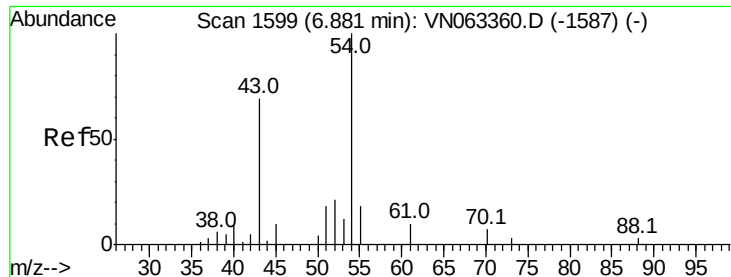
Abundance

Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0





#37

Ethyl Acetate

Concen: 18.137 ug/l

RT: 6.88 min Scan# 1599

Delta R.T. -0.00 min

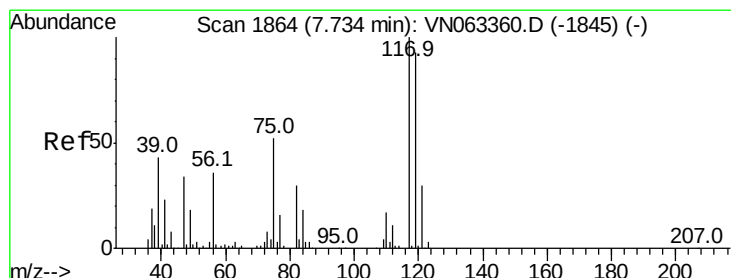
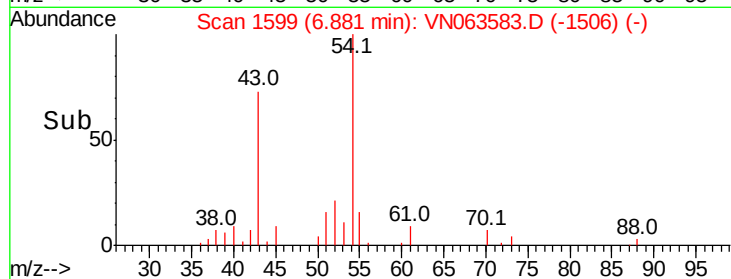
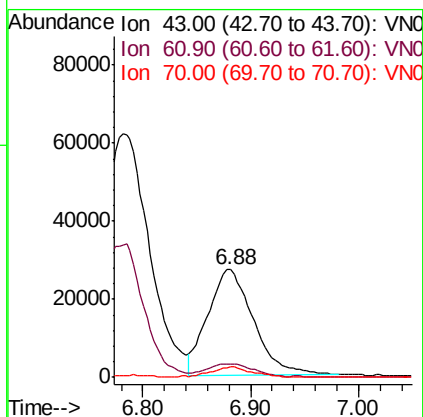
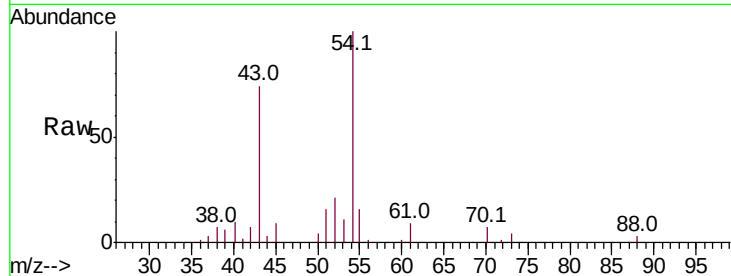
Lab File: VN063583.D

Acq: 23 Sep 2020 12:55

Instrument :
MSVOA_N
ClientSampleId :
VN0923WBS01

Tot Ion: 43 Resp: 81003

Ion	Ratio	Lower	Upper
43	100		
61	12.1	10.6	15.8
70	8.5	7.2	10.8



#38

Carbon Tetrachloride

Concen: 18.349 ug/l

RT: 7.74 min Scan# 1865

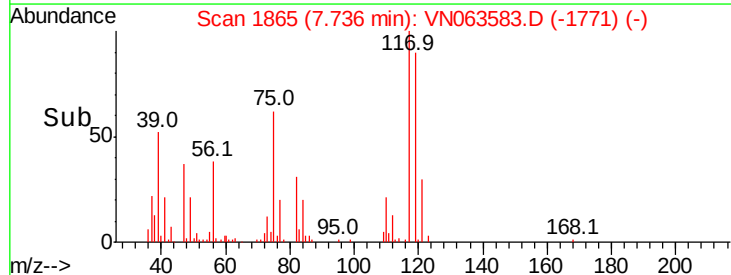
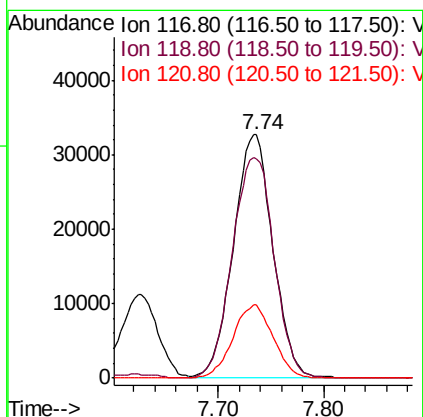
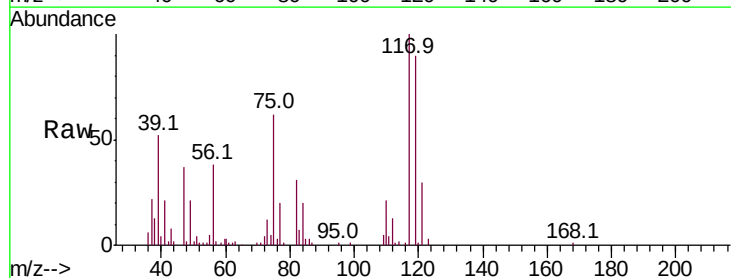
Delta R.T. 0.00 min

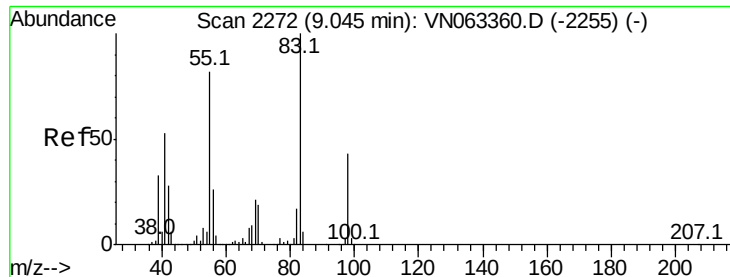
Lab File: VN063583.D

Acq: 23 Sep 2020 12:55

Tgt Ion: 117 Resp: 85235

Ion	Ratio	Lower	Upper
117	100		
119	90.2	74.5	111.7
121	29.9	24.1	36.1

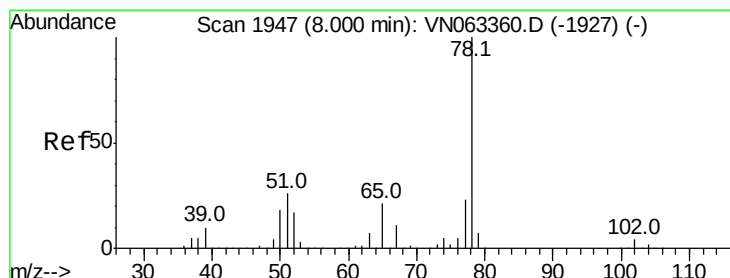
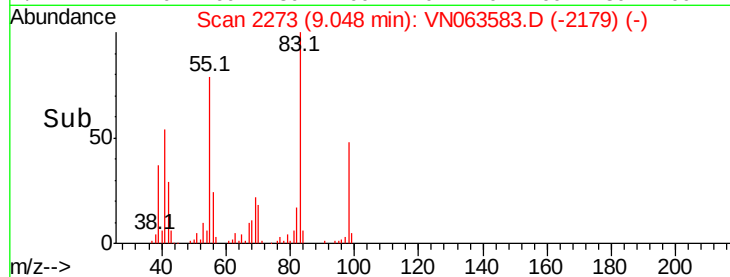
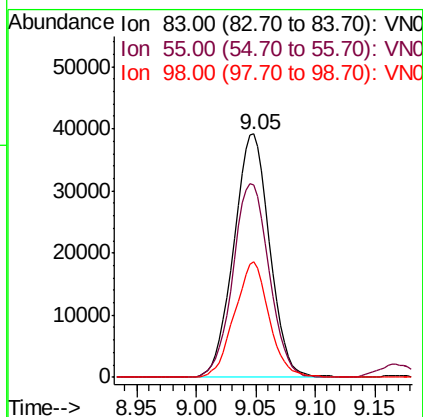
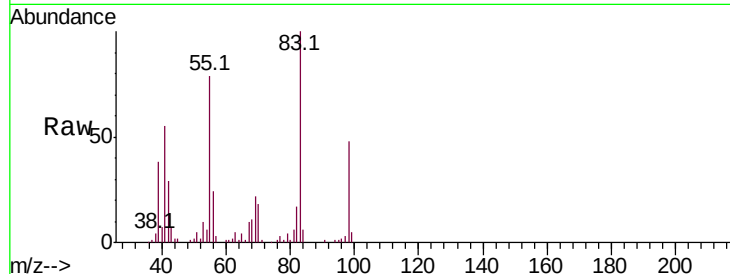




#39
Methylvlcyclohexane
Concen: 16.580 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN063583.D
Acq: 23 Sep 2020 12:55

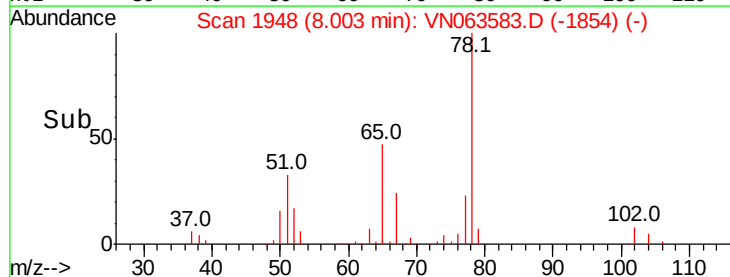
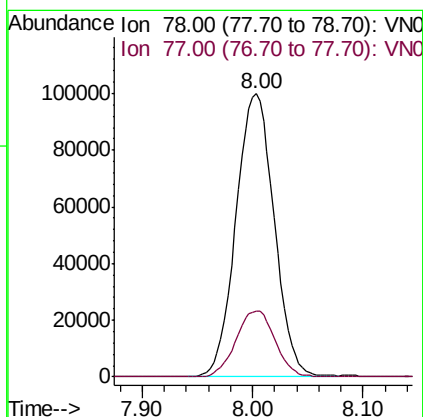
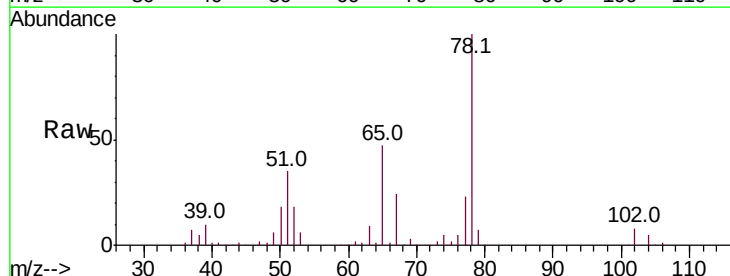
Instrument :
MSVOA_N
ClientSampleId :
VN0923WBS01

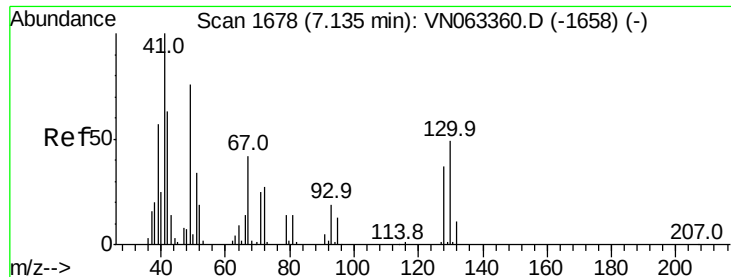
Tot Ion: 83 Resp: 81886
Ion Ratio Lower Upper
83 100
55 79.1 65.5 98.3
98 47.6 34.2 51.4



#40
Benzene
Concen: 18.453 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063583.D
Acq: 23 Sep 2020 12:55

Tgt Ion: 78 Resp: 239703
Ion Ratio Lower Upper
78 100
77 23.4 18.3 27.5

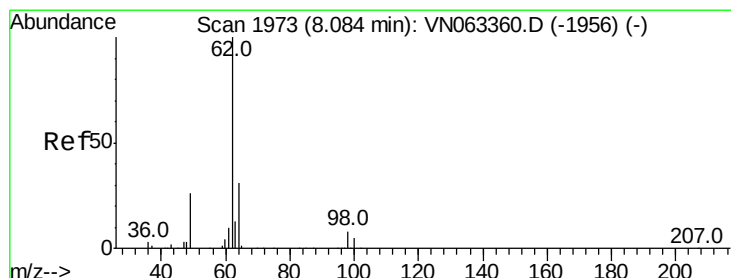
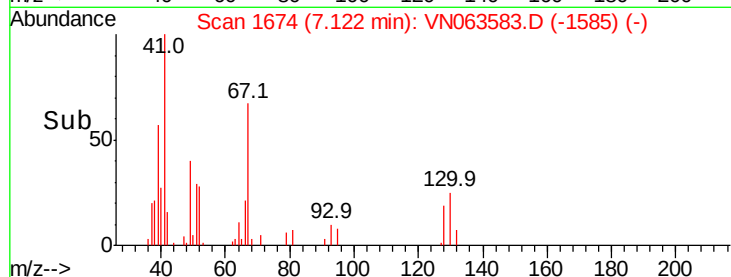
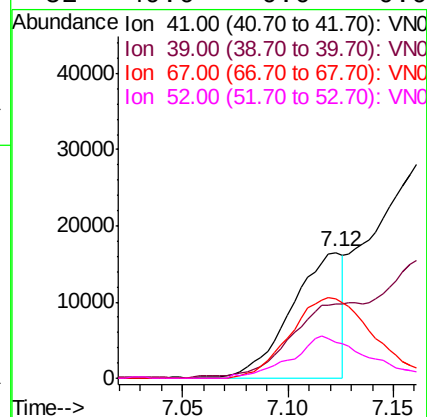
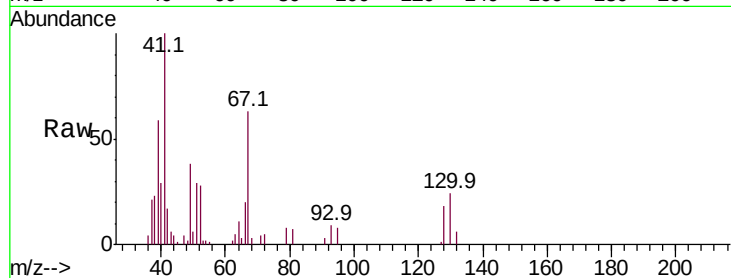




#41
Methacrylonitrile
Concen: 13.996 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. -0.01 min
Lab File: VN063583.D
Acq: 23 Sep 2020 12:55

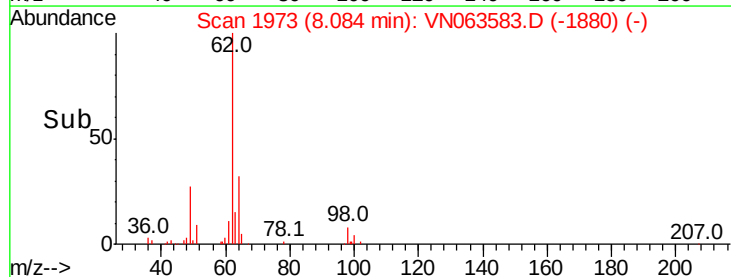
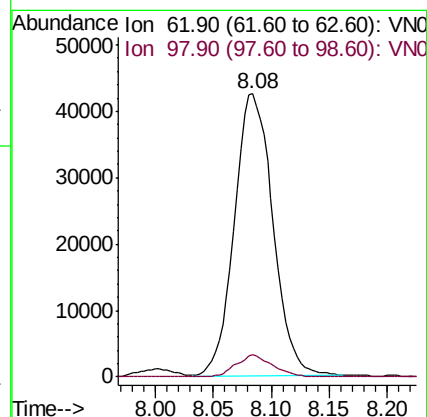
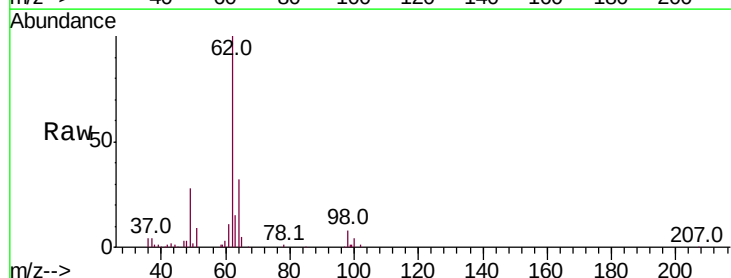
Instrument :
MSVOA_N
ClientSampleId :
VN0923WBS01

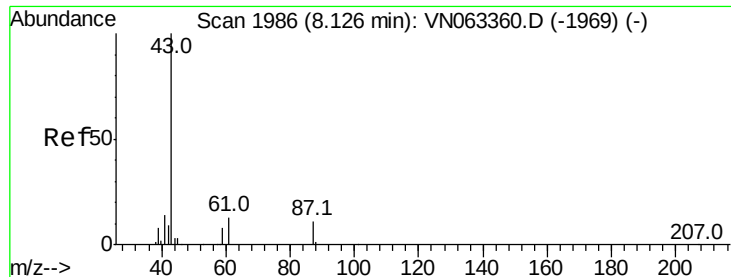
Tot Ion:	41	Resp:	28115
Ion	Ratio	Lower	Upper
41	100		
39	76.0	0.0	0.0#
67	103.1	0.0	0.0#
52	49.6	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 18.811 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN063583.D
Acq: 23 Sep 2020 12:55

Tgt Ion:	62	Resp:	98268
Ion	Ratio	Lower	Upper
62	100		
98	7.3	0.0	15.6





#43

Isopropyl Acetate

Concen: 16.763 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN063583.D

Acq: 23 Sep 2020 12:55

Instrument :

MSVOA_N

ClientSampleId :

VN0923WBS01

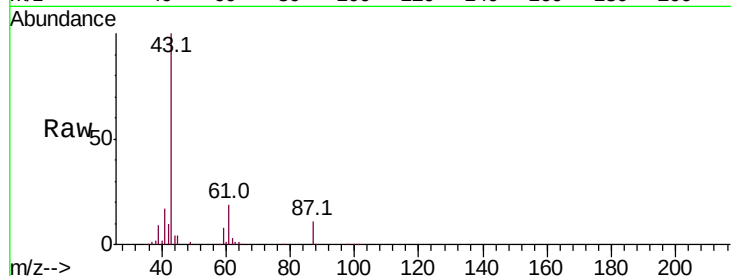
Tot Ion: 43 Resp: 133867

Ion Ratio Lower Upper

43 100

61 19.1 14.2 21.2

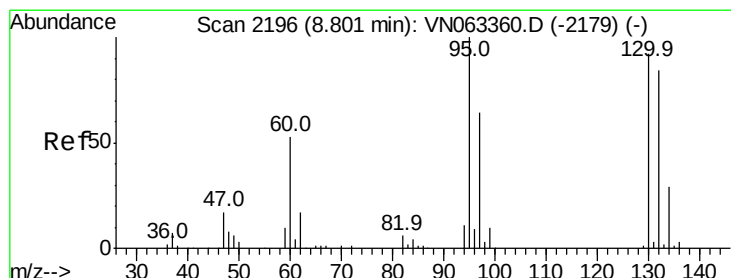
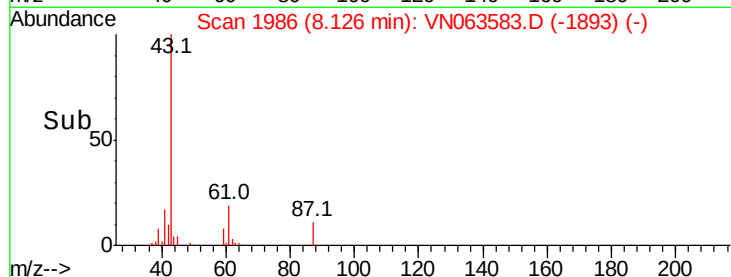
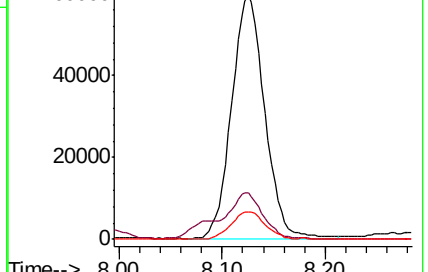
87 11.5 9.0 13.6



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

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

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



#44

Trichloroethene

Concen: 18.957 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN063583.D

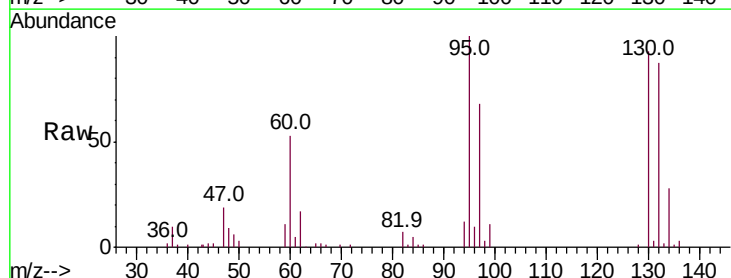
Acq: 23 Sep 2020 12:55

Tgt Ion:130 Resp: 59728

Ion Ratio Lower Upper

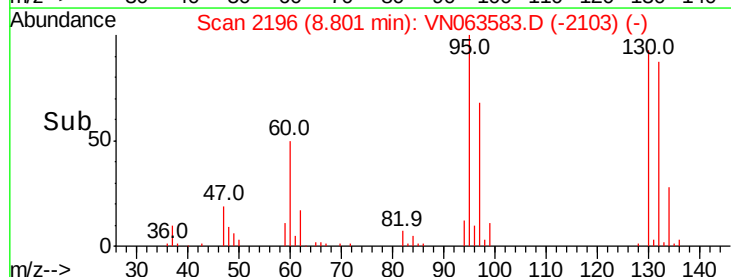
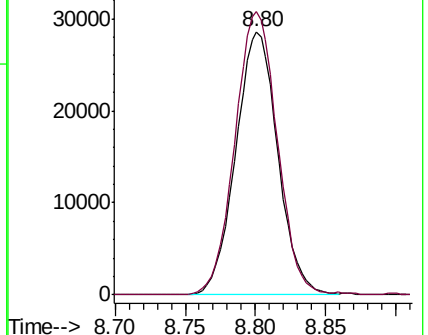
130 100

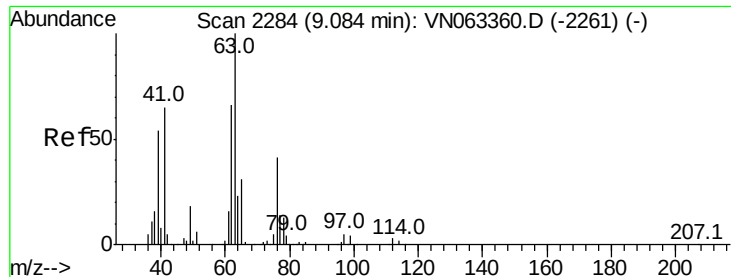
95 107.6 0.0 217.4



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

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

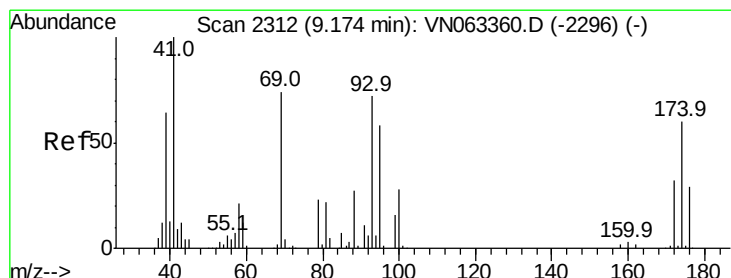
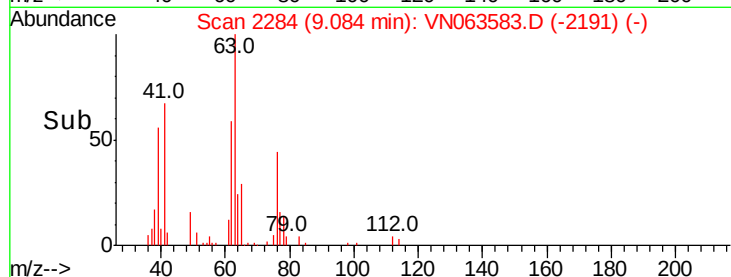
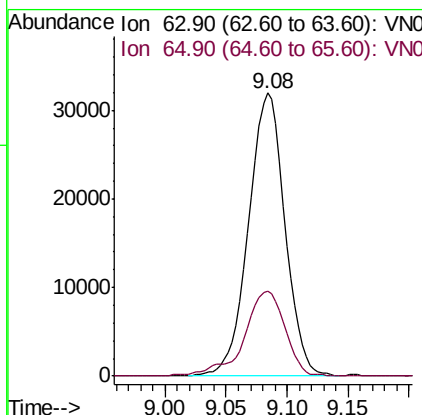
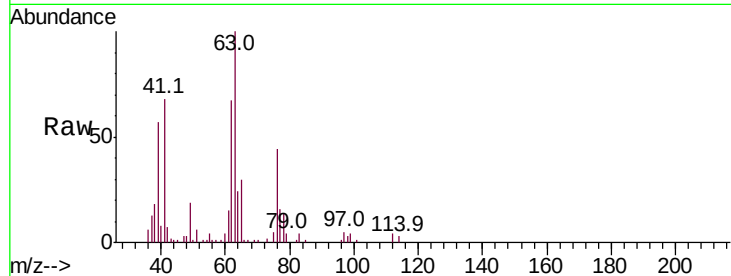




#45
 1,2-Dichloropropane
 Concen: 18.610 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN063583.D
 Acq: 23 Sep 2020 12:55

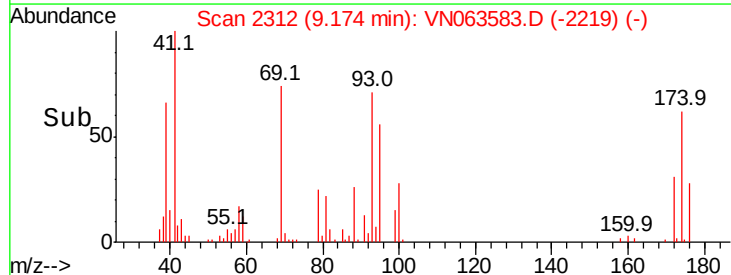
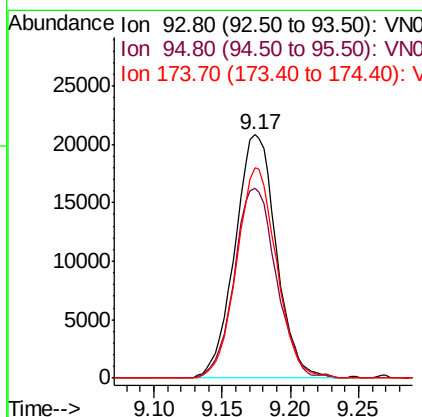
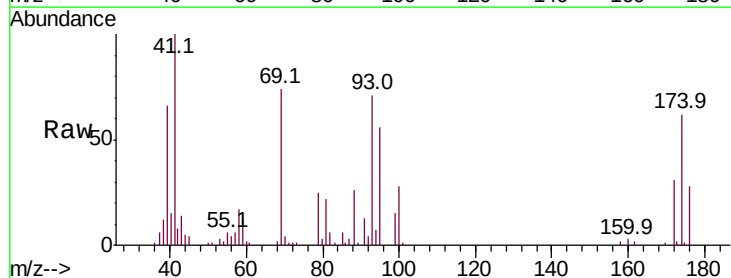
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0923WBS01

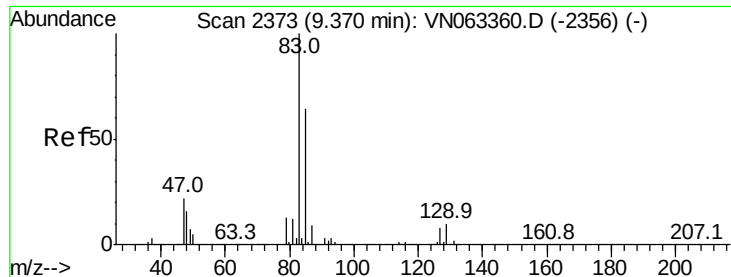
Tot Ion: 63 Resp: 65843
 Ion Ratio Lower Upper
 63 100
 65 29.9 25.0 37.6



#46
 Dibromomethane
 Concen: 18.828 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN063583.D
 Acq: 23 Sep 2020 12:55

Tgt Ion: 93 Resp: 43781
 Ion Ratio Lower Upper
 93 100
 95 79.1 65.6 98.4
 174 83.4 68.1 102.1





#47

Bromodichloromethane

Concen: 18.775 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN063583.D

Acq: 23 Sep 2020 12:55

Instrument :

MSVOA_N

ClientSampleId :

VN0923WBS01

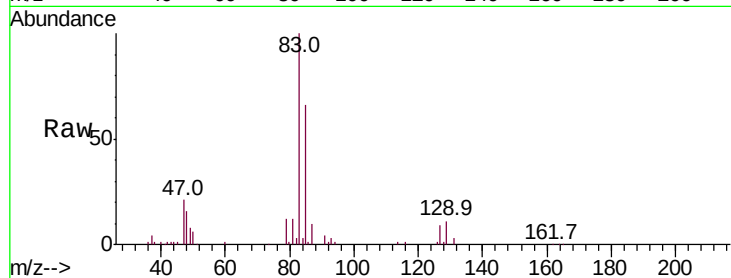
Tot Ion: 83 Resp: 90701

Ion Ratio Lower Upper

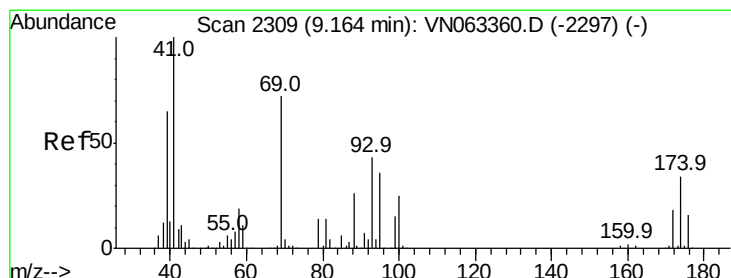
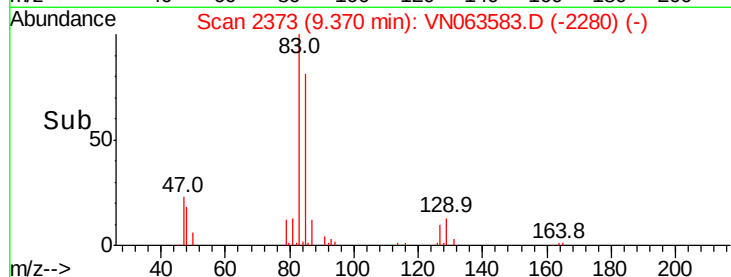
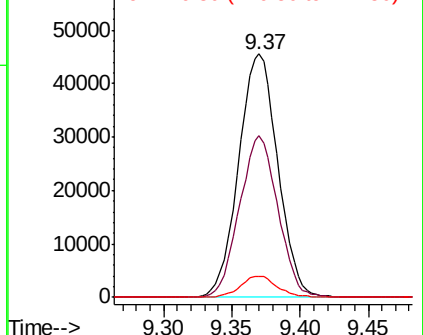
83 100

85 66.4 51.0 76.6

127 8.5 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): V



#48

Methyl methacrylate

Concen: 17.037 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN063583.D

Acq: 23 Sep 2020 12:55

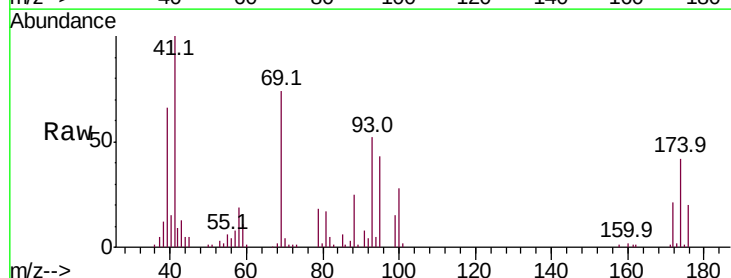
Tgt Ion: 41 Resp: 66844

Ion Ratio Lower Upper

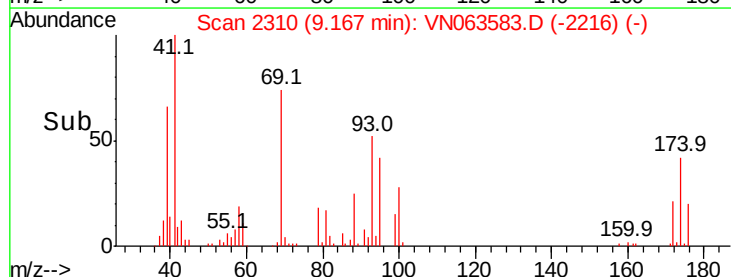
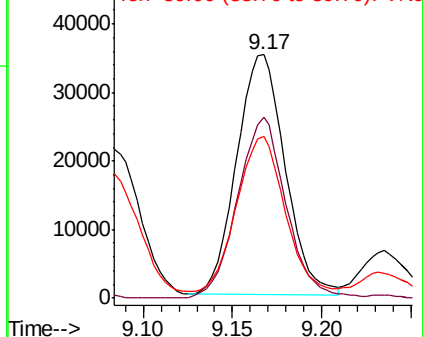
41 100

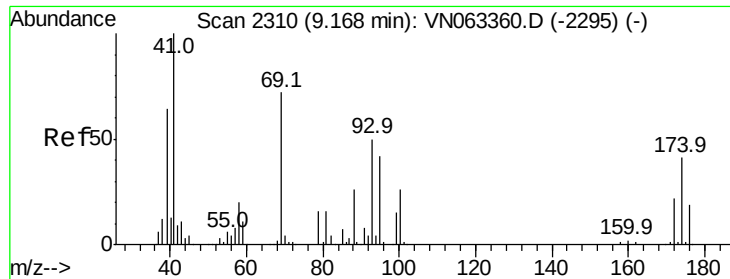
69 75.0 59.3 88.9

39 64.2 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: 337.232 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN063583.D

Acq: 23 Sep 2020 12:55

Instrument :

MSVOA_N

ClientSampleId :

VN0923WBS01

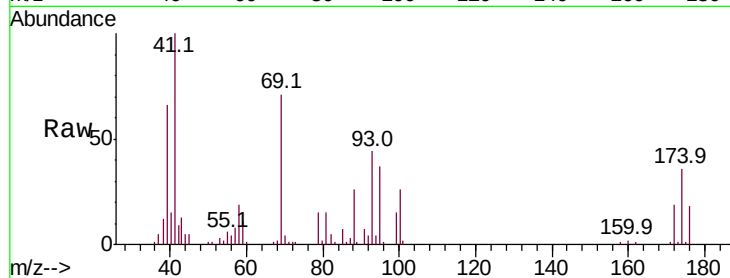
Tot Ion: 88 Resp: 18988

Ion Ratio Lower Upper

88 100

43 43.3 32.6 49.0

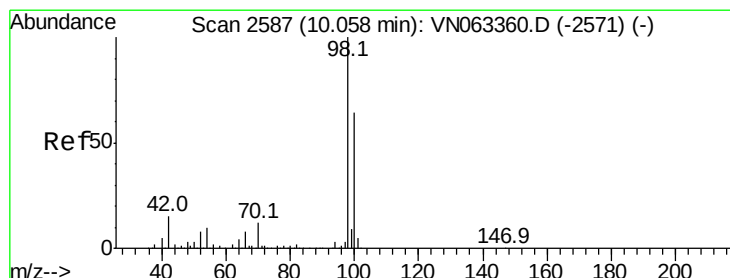
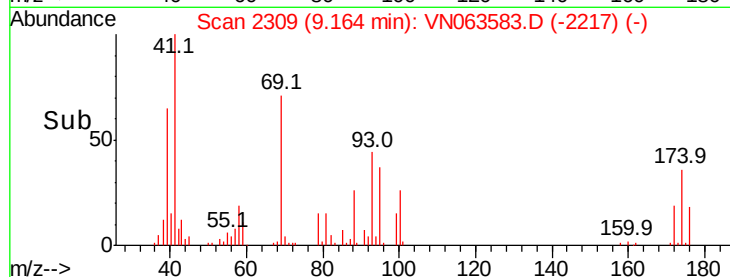
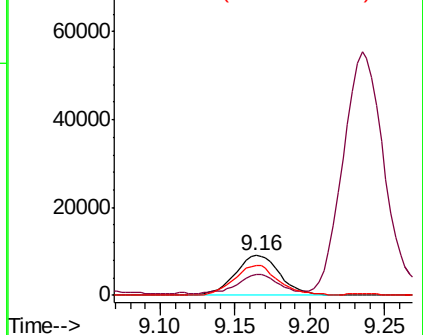
58 73.7 60.0 90.0



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: 48.908 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN063583.D

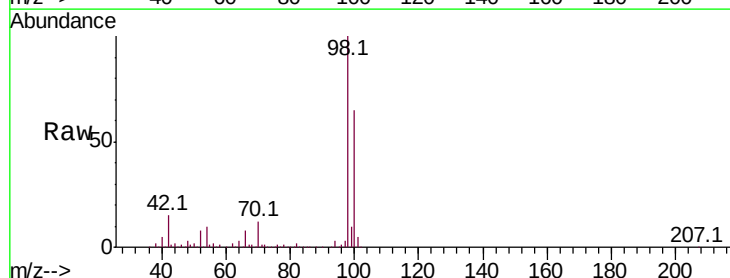
Acq: 23 Sep 2020 12:55

Tgt Ion: 98 Resp: 543804

Ion Ratio Lower Upper

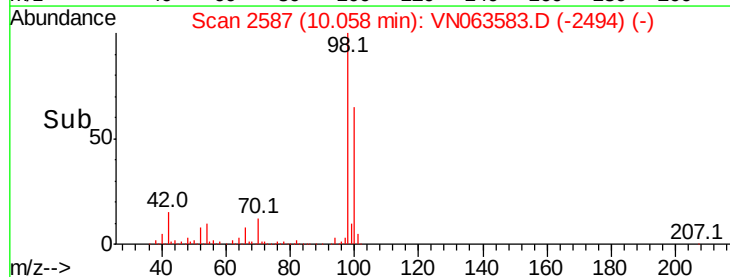
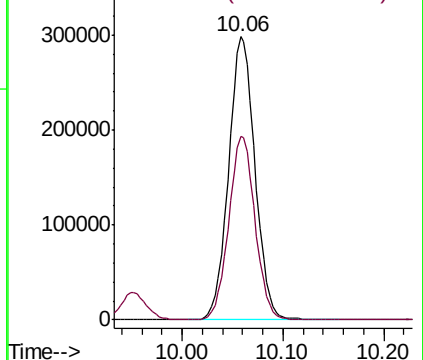
98 100

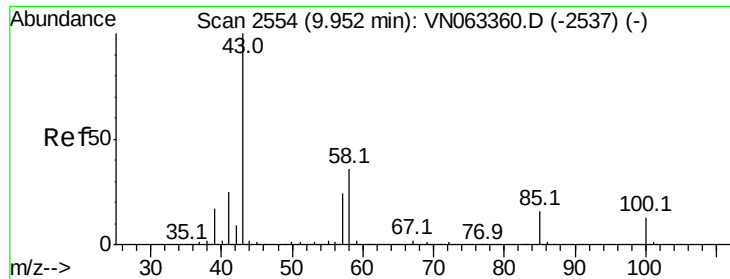
100 64.1 50.7 76.1



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: 91.175 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN063583.D

Acq: 23 Sep 2020 12:55

Instrument :

MSVOA_N

ClientSampled :

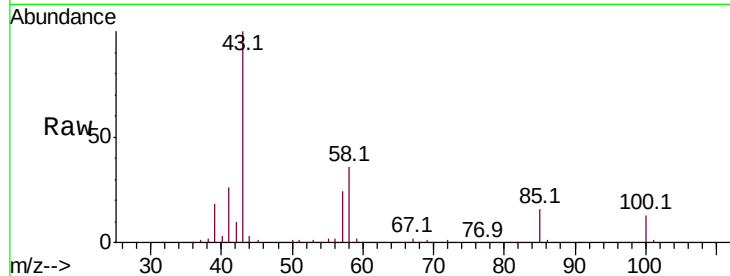
VN0923WBS01

Tot Ion: 43 Resp: 407627

Ion Ratio Lower Upper

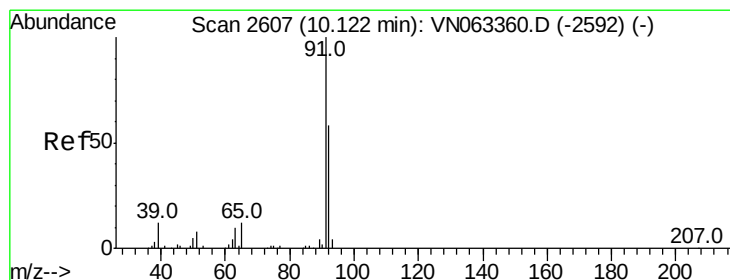
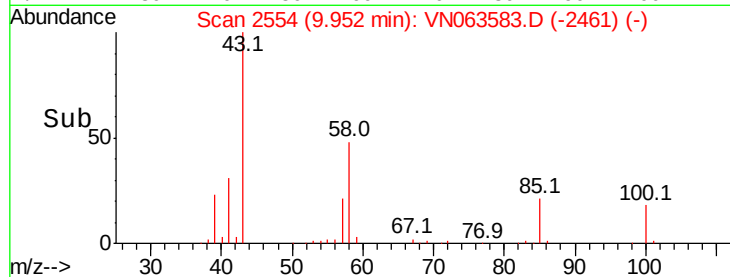
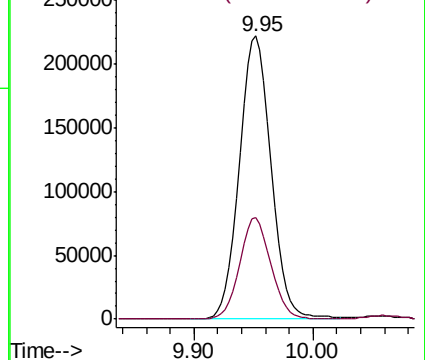
43 100

58 35.4 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: 18.900 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063583.D

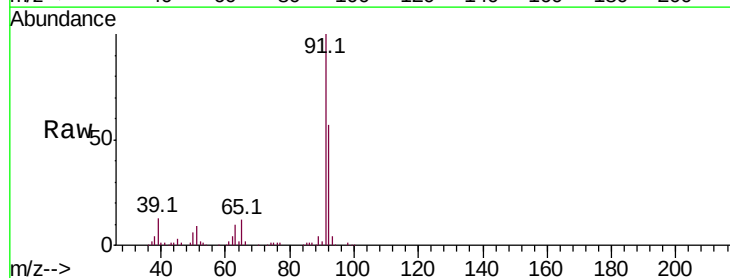
Acq: 23 Sep 2020 12:55

Tgt Ion: 92 Resp: 147613

Ion Ratio Lower Upper

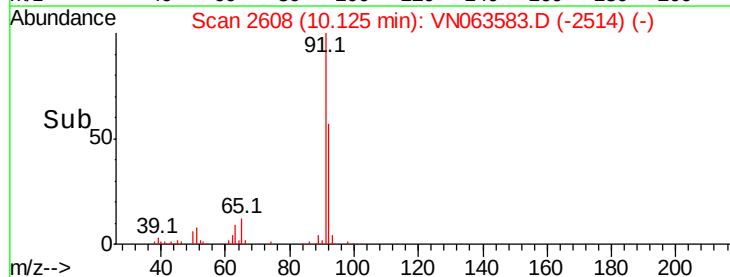
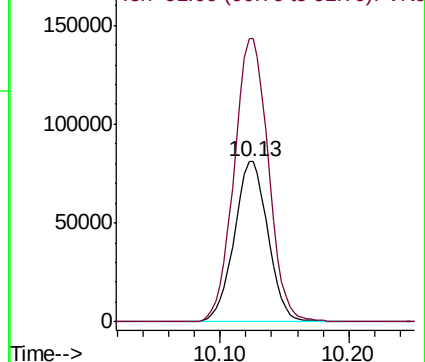
92 100

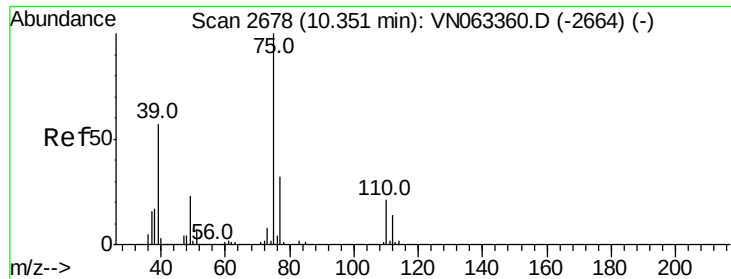
91 179.4 139.7 209.5



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: 17.483 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN063583.D

Acq: 23 Sep 2020 12:55

Instrument :

MSVOA_N

ClientSampleId :

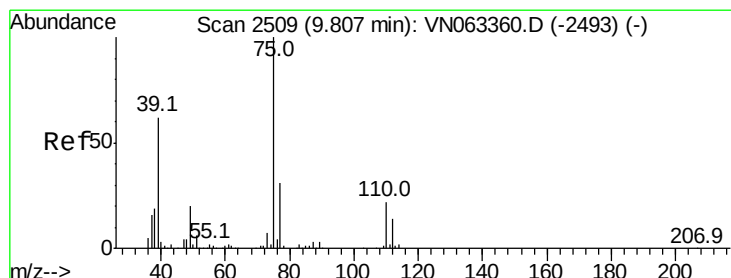
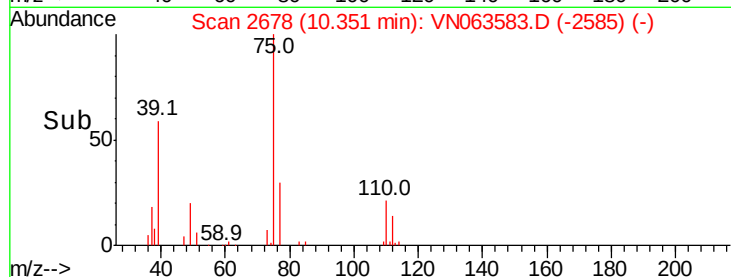
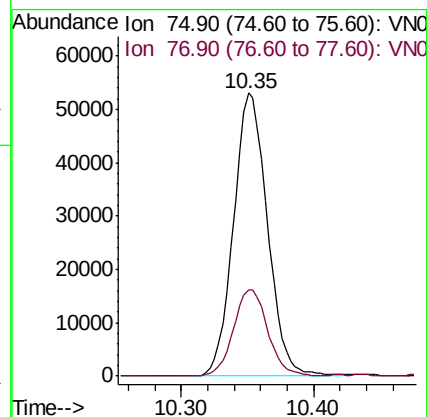
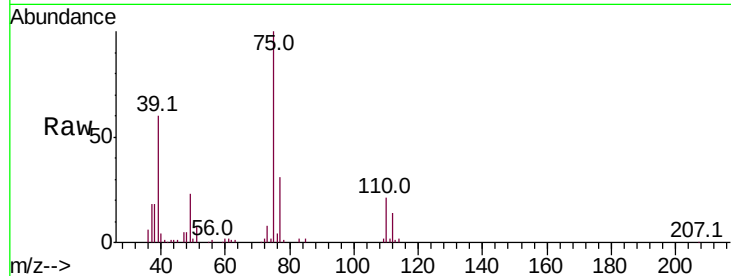
VN0923WBS01

Tot Ion: 75 Resp: 94289

Ion Ratio Lower Upper

75 100

77 30.7 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 18.035 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN063583.D

Acq: 23 Sep 2020 12:55

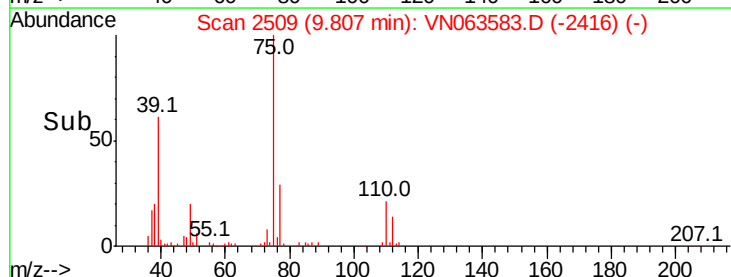
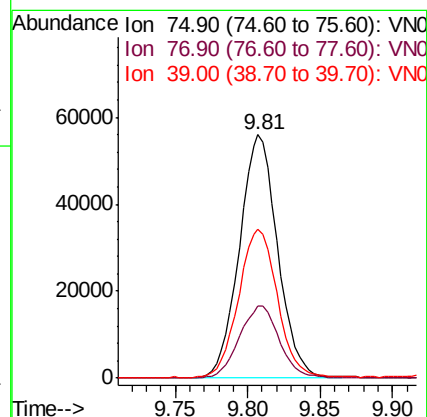
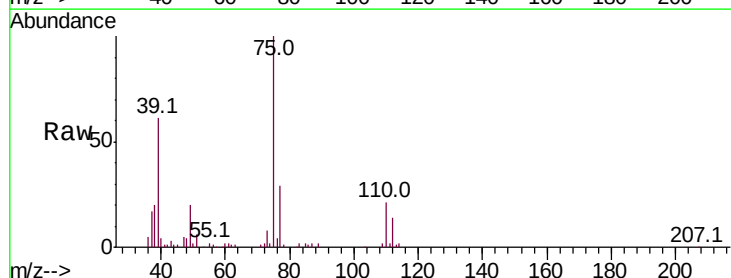
Tgt Ion: 75 Resp: 102595

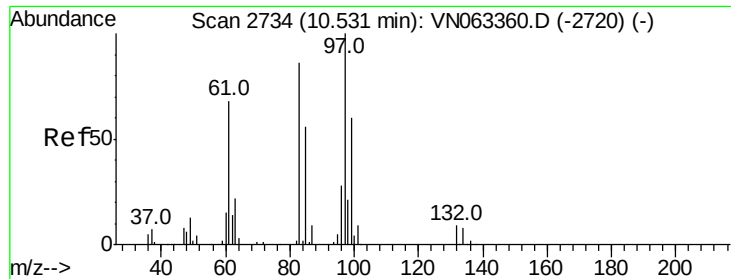
Ion Ratio Lower Upper

75 100

77 29.4 24.6 37.0

39 60.7 49.8 74.8

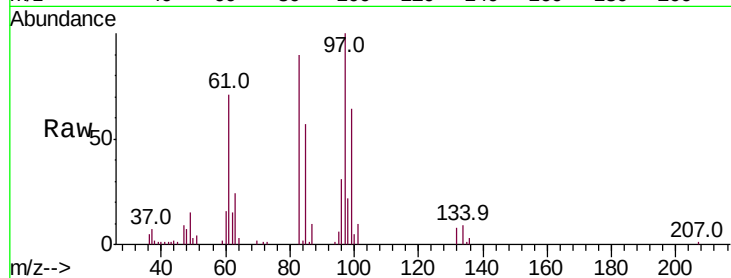




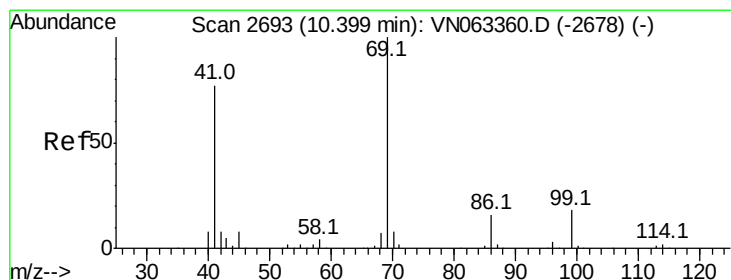
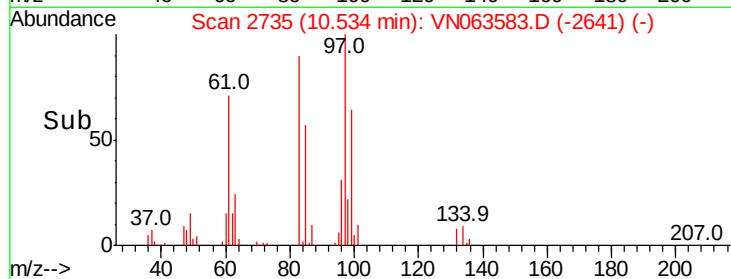
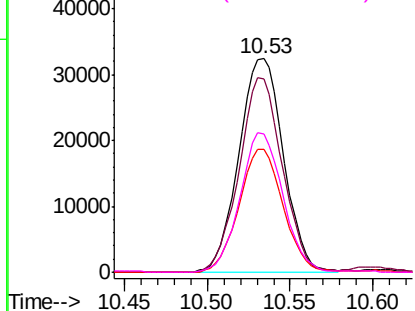
#55
 1,1,2-Trichloroethane
 Concen: 19.496 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN063583.D
 Acq: 23 Sep 2020 12:55

Instrument :
 MSVOA_N
 ClientSampled :
 VN0923WBS01

Tot Ion: 97 Resp: 60482
 Ion Ratio Lower Upper
 97 100
 83 90.4 68.9 103.3
 85 57.5 44.8 67.2
 99 64.5 47.8 71.8

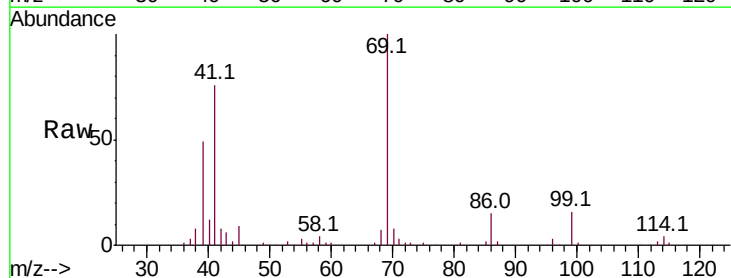


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

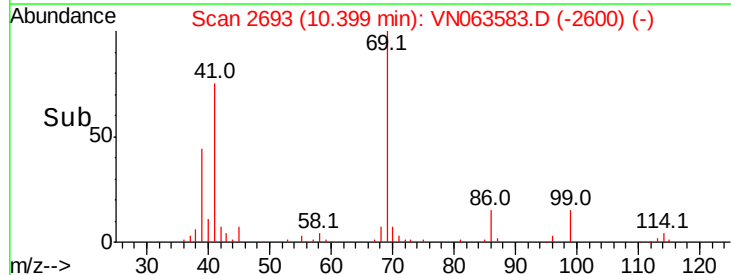
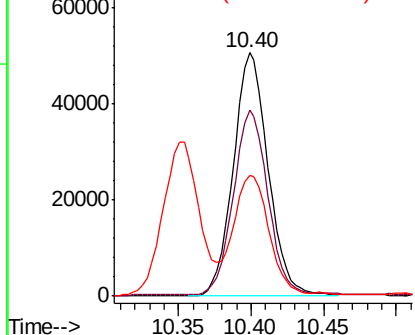


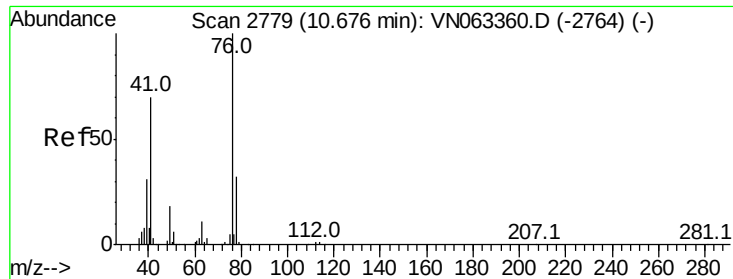
#56
 Ethyl methacrylate
 Concen: 17.444 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. -0.00 min
 Lab File: VN063583.D
 Acq: 23 Sep 2020 12:55

Tgt Ion: 69 Resp: 84479
 Ion Ratio Lower Upper
 69 100
 41 74.8 61.0 91.6
 39 49.0 39.2 58.8



Abundance Ion 69.00 (68.70 to 69.70): VNO
 Ion 41.00 (40.70 to 41.70): VNO
 Ion 39.00 (38.70 to 39.70): VNO





#57

1,3-Dichloropropane

Concen: 18.200 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN063583.D

Acq: 23 Sep 2020 12:55

Instrument :

MSVOA_N

ClientSampleId :

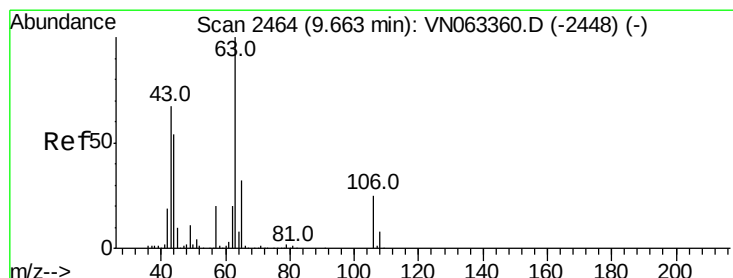
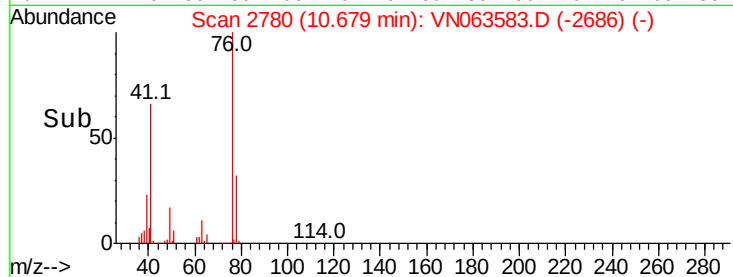
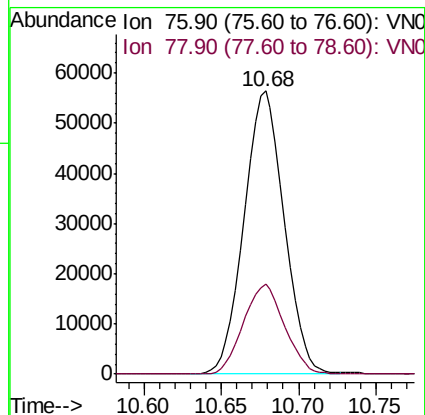
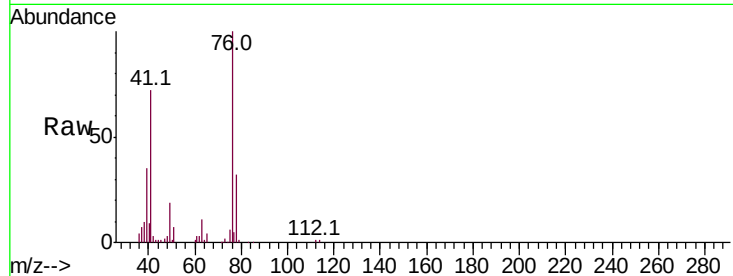
VN0923WBS01

Tot Ion: 76 Resp: 101818

Ion Ratio Lower Upper

76 100

78 32.6 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 82.576 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. -0.00 min

Lab File: VN063583.D

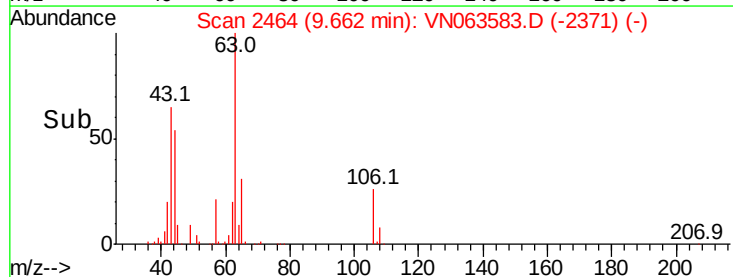
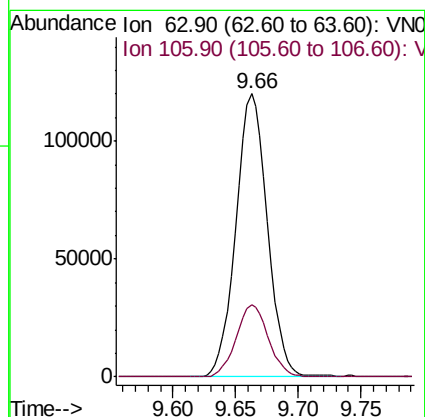
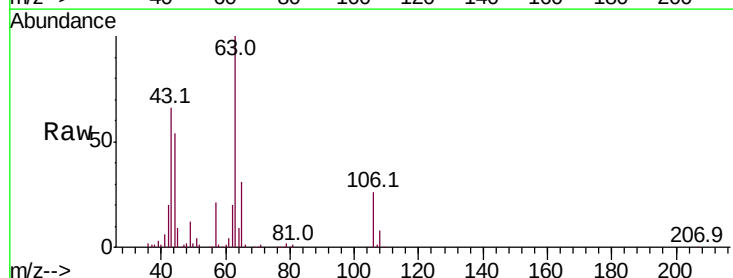
Acq: 23 Sep 2020 12:55

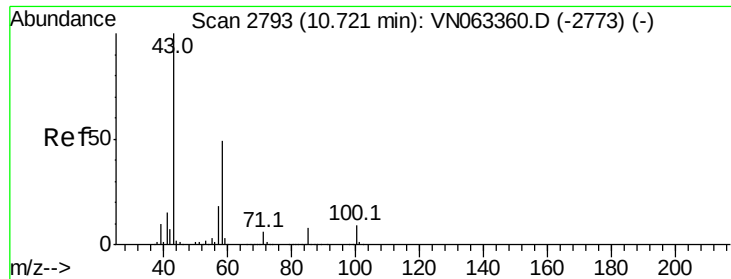
Tgt Ion: 63 Resp: 209784

Ion Ratio Lower Upper

63 100

106 25.9 19.5 29.3

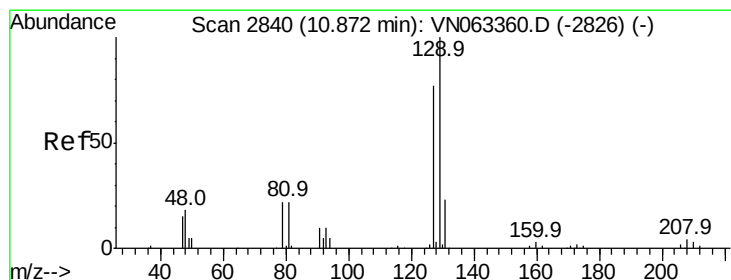
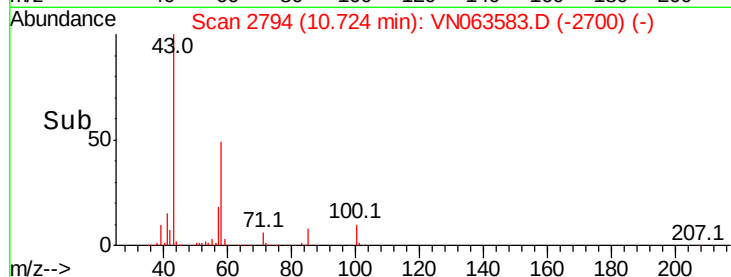
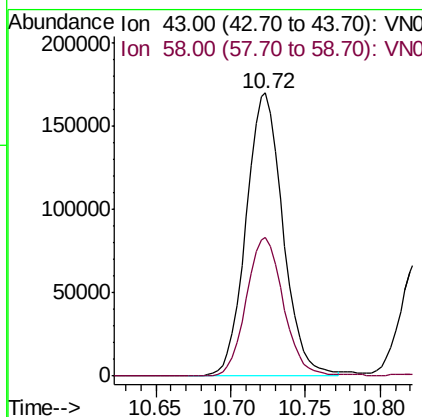
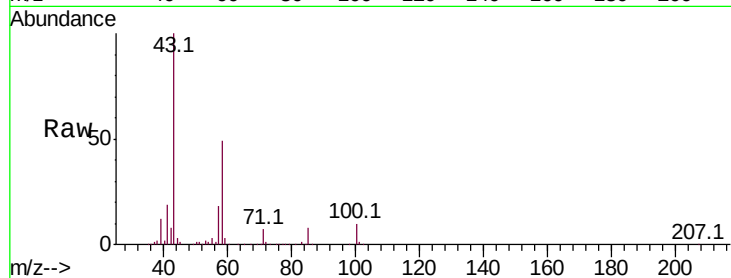




#59
2-Hexanone
Concen: 89.505 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN063583.D
Acq: 23 Sep 2020 12:55

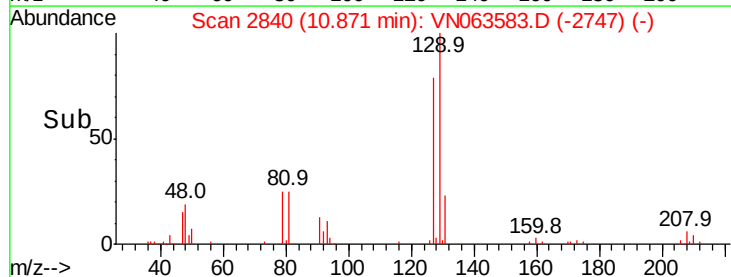
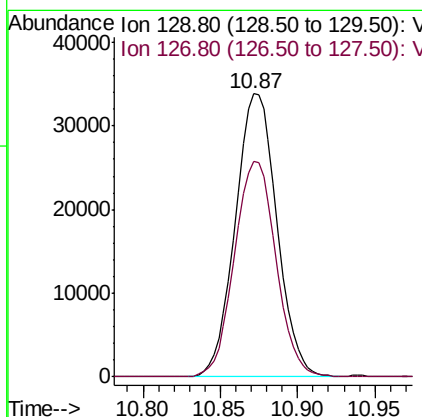
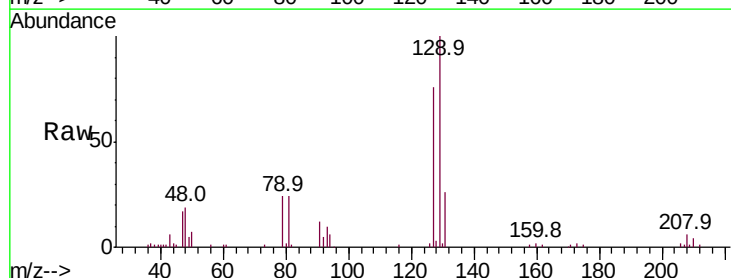
Instrument :
MSVOA_N
ClientSampleId :
VN0923WBS01

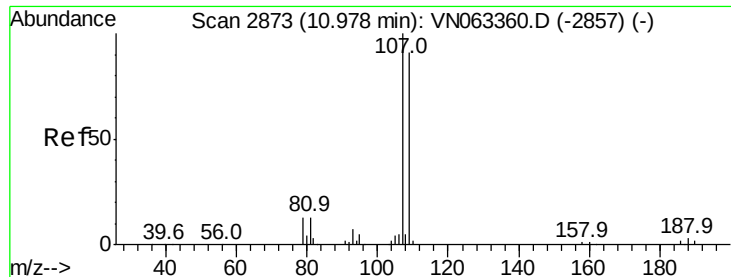
Tot Ion: 43 Resp: 289905
Ion Ratio Lower Upper
43 100
58 49.8 24.7 74.1



#60
Dibromochloromethane
Concen: 18.066 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN063583.D
Acq: 23 Sep 2020 12:55

Tgt Ion: 129 Resp: 63316
Ion Ratio Lower Upper
129 100
127 75.9 39.1 117.3





#61

1,2-Dibromoethane

Concen: 18.377 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. -0.00 min

Lab File: VN063583.D

Acq: 23 Sep 2020 12:55

Instrument :

MSVOA_N

ClientSampleId :

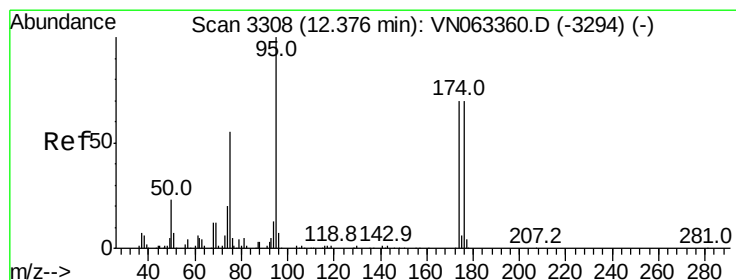
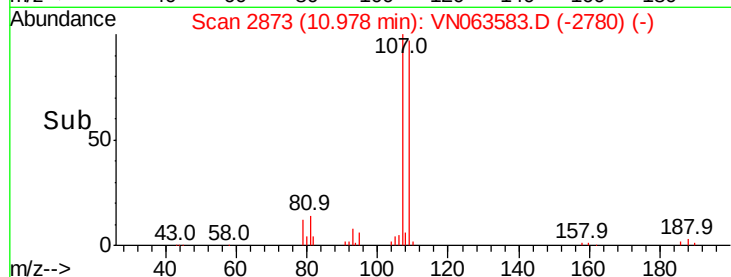
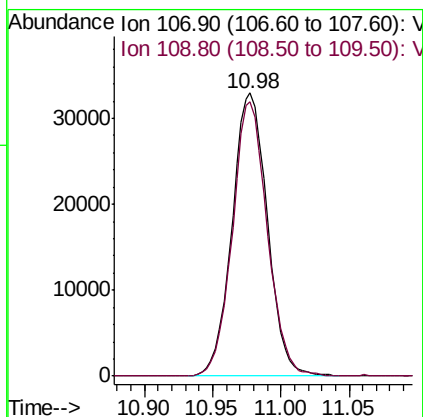
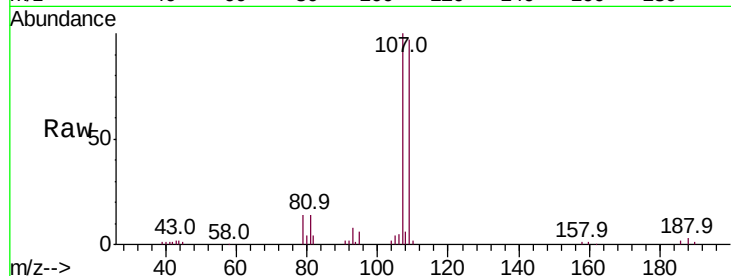
VN0923WBS01

Tot Ion:107 Resp: 59229

Ion Ratio Lower Upper

107 100

109 95.6 74.6 111.8



#62

4-Bromofluorobenzene

Concen: 49.414 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063583.D

Acq: 23 Sep 2020 12:55

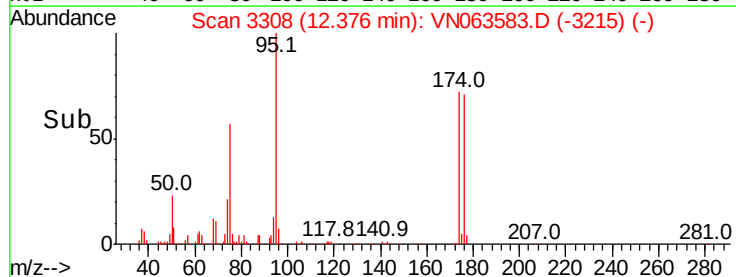
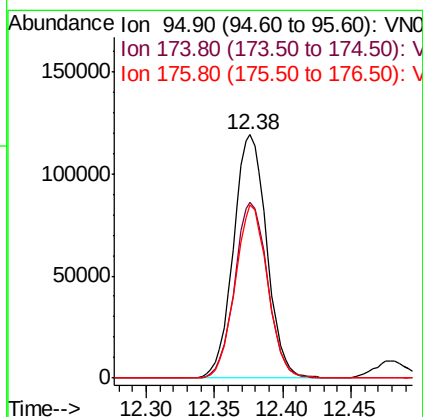
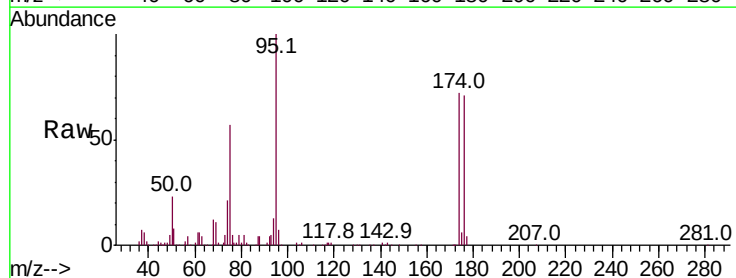
Tgt Ion: 95 Resp: 201409

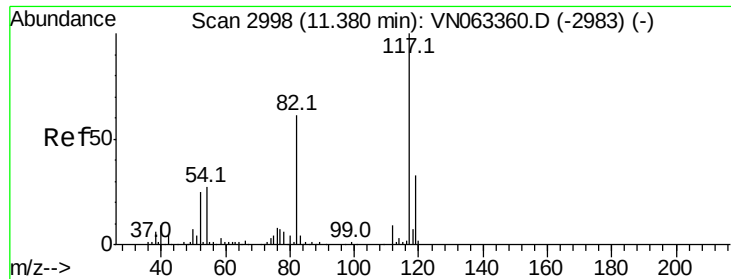
Ion Ratio Lower Upper

95 100

174 71.9 0.0 140.8

176 69.7 0.0 137.6

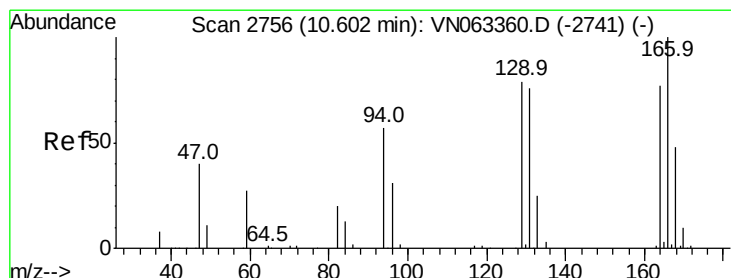
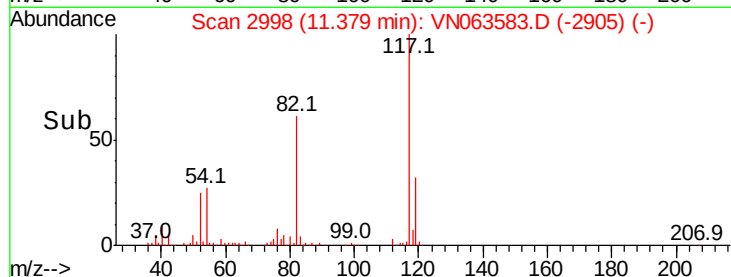
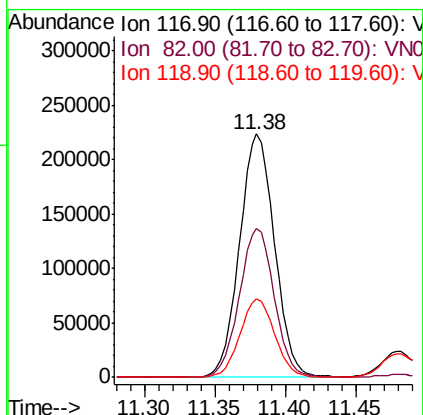
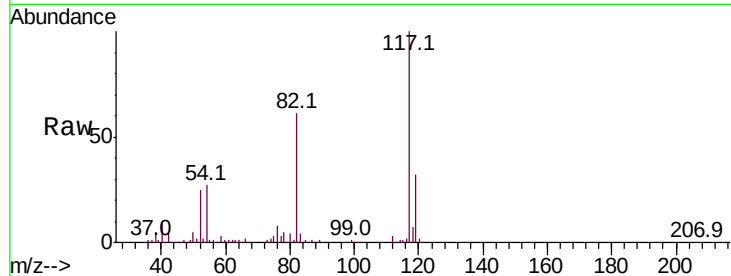




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063583.D
Acq: 23 Sep 2020 12:55

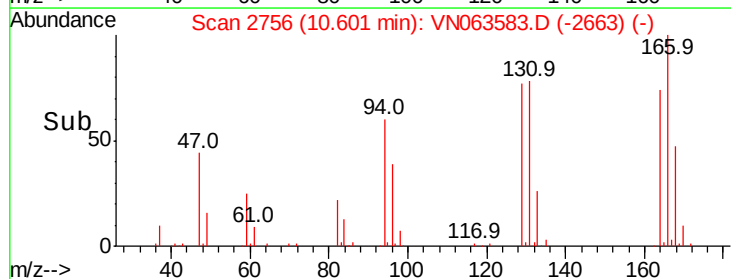
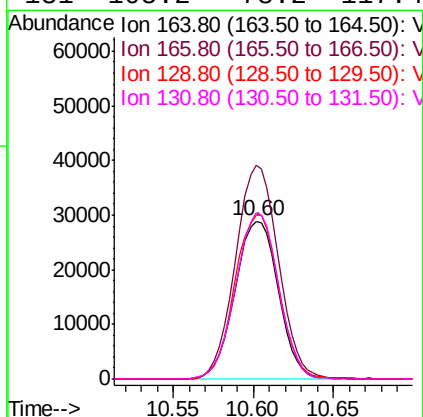
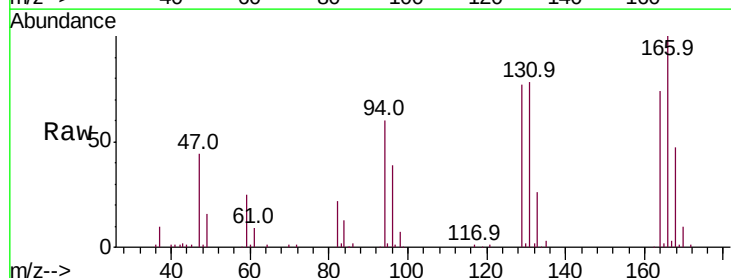
Instrument :
MSVOA_N
ClientSampleId :
VN0923WBS01

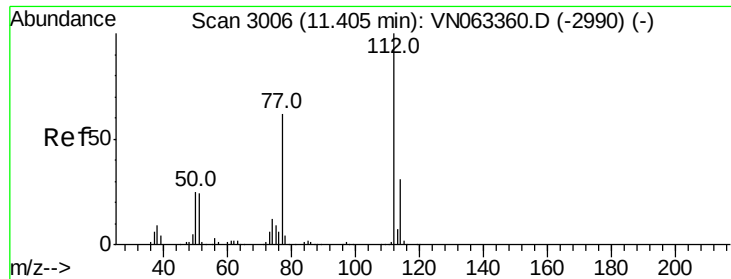
Tot Ion:117 Resp: 389821
Ion Ratio Lower Upper
117 100
82 61.4 49.2 73.8
119 32.3 26.2 39.4



#64
Tetrachloroethene
Concen: 20.098 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN063583.D
Acq: 23 Sep 2020 12:55

Tgt Ion:164 Resp: 53347
Ion Ratio Lower Upper
164 100
166 135.5 103.4 155.0
129 104.1 81.8 122.6
131 105.2 78.2 117.4

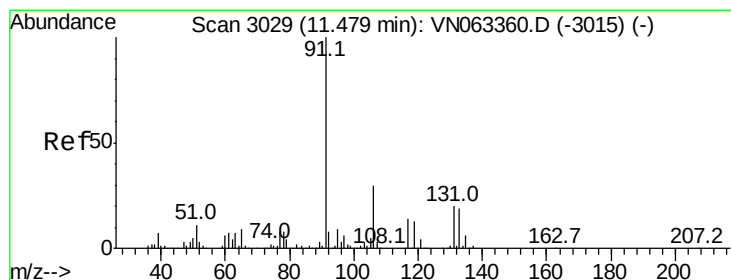
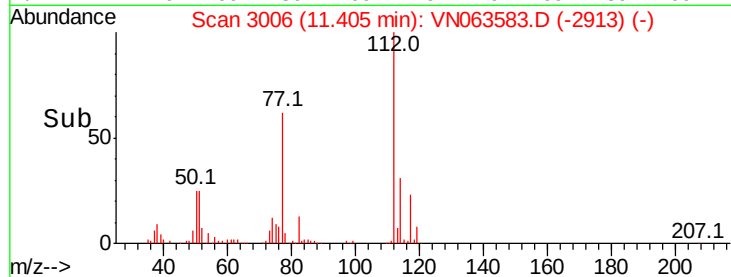
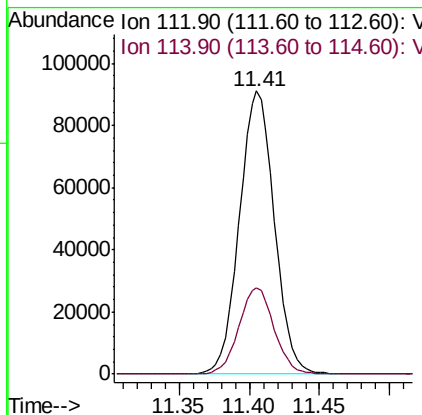
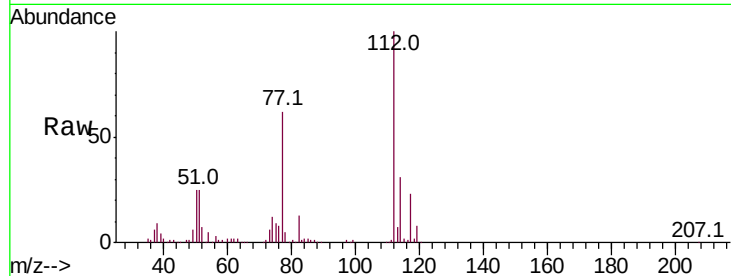




#65
Chlorobenzene
Concen: 19.108 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN063583.D
Acq: 23 Sep 2020 12:55

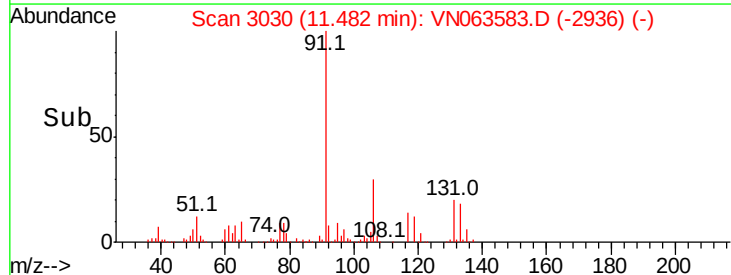
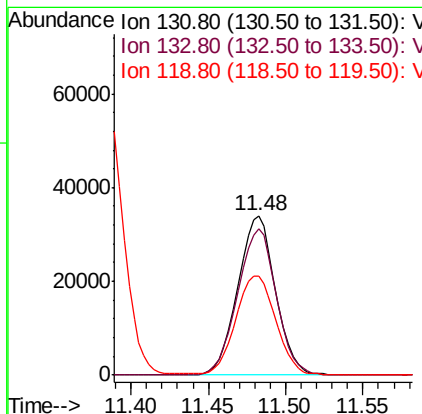
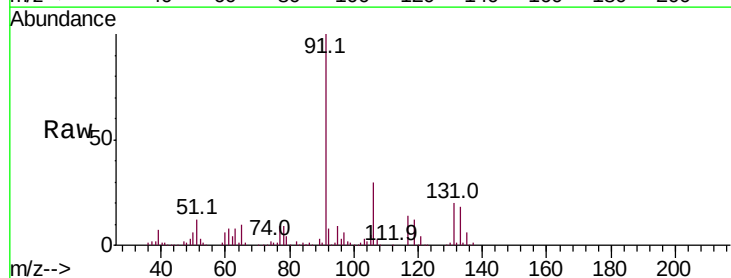
Instrument :
MSVOA_N
ClientSampleId :
VN0923WBS01

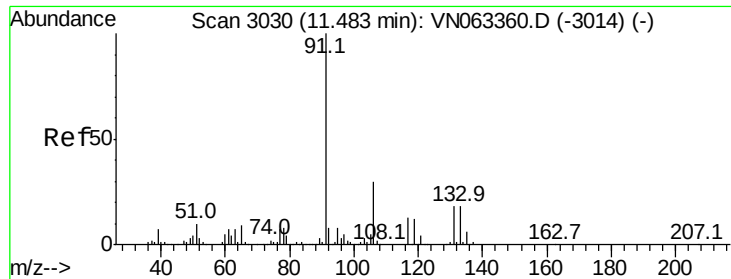
Tot Ion:112 Resp: 158118
Ion Ratio Lower Upper
112 100
114 30.6 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 18.980 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063583.D
Acq: 23 Sep 2020 12:55

Tgt Ion:131 Resp: 57572
Ion Ratio Lower Upper
131 100
133 94.1 47.3 141.9
119 66.3 33.6 100.8

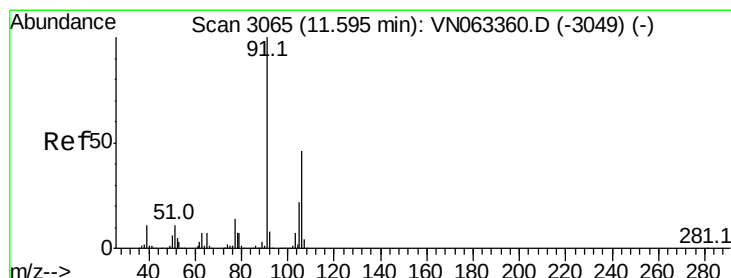
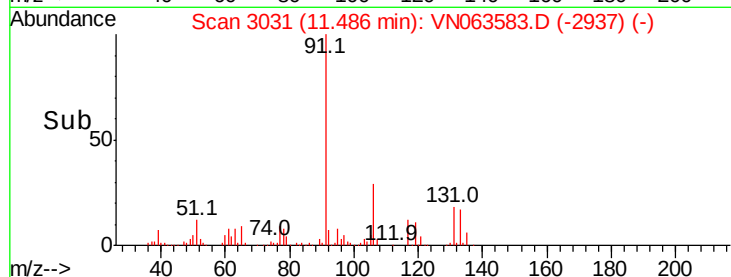
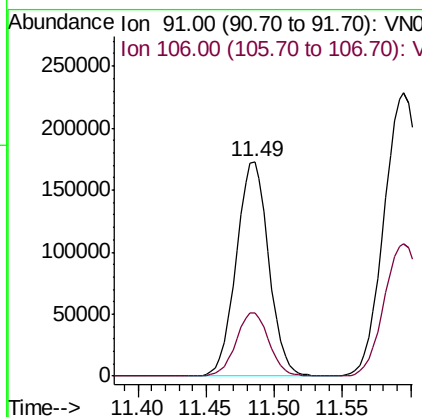
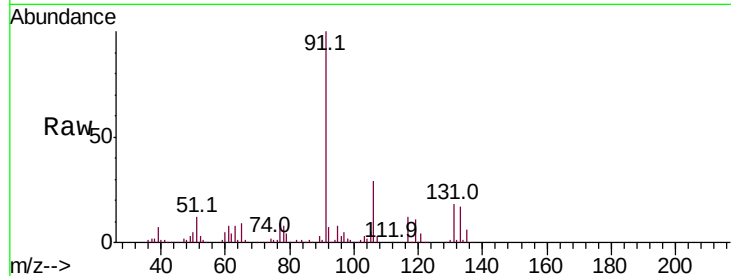




#67
Ethyl Benzene
Concen: 18.336 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN063583.D
Acq: 23 Sep 2020 12:55

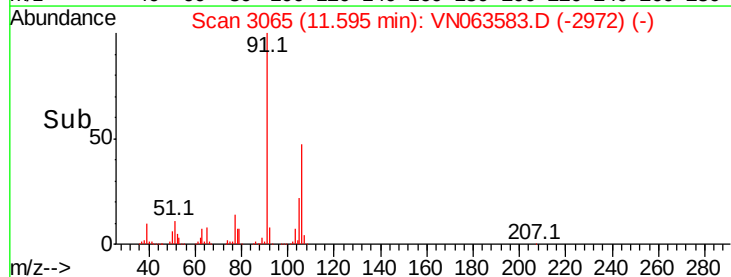
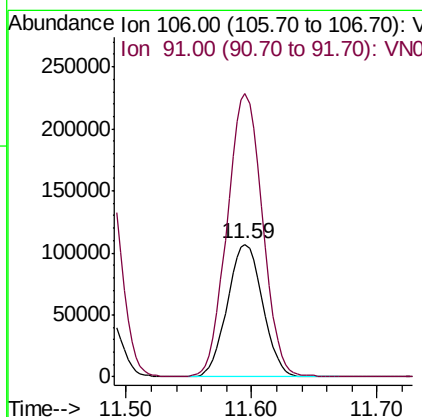
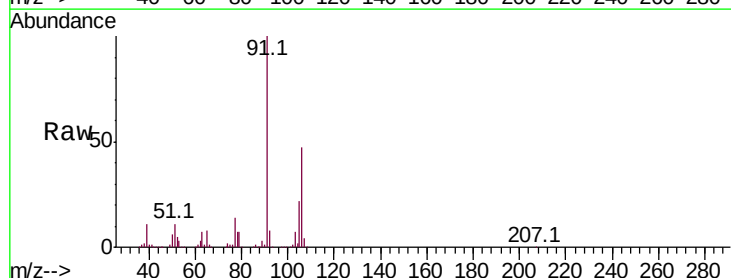
Instrument :
MSVOA_N
ClientSampled :
VN0923WBS01

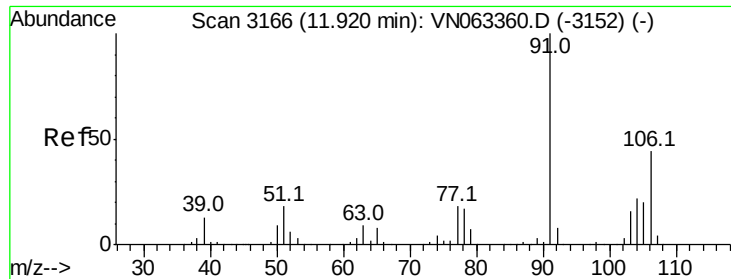
Tot Ion: 91 Resp: 285731
Ion Ratio Lower Upper
91 100
106 29.4 23.8 35.6



#68
m/p-Xylenes
Concen: 37.240 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN063583.D
Acq: 23 Sep 2020 12:55

Tgt Ion: 106 Resp: 209232
Ion Ratio Lower Upper
106 100
91 213.2 171.2 256.8

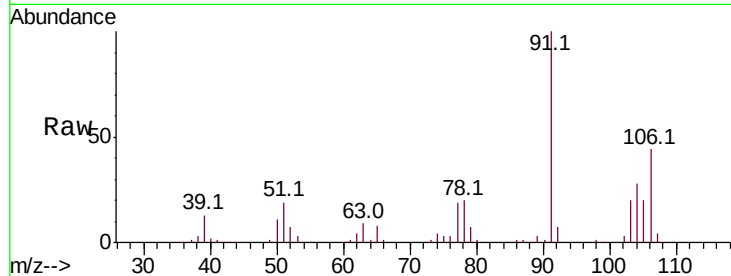




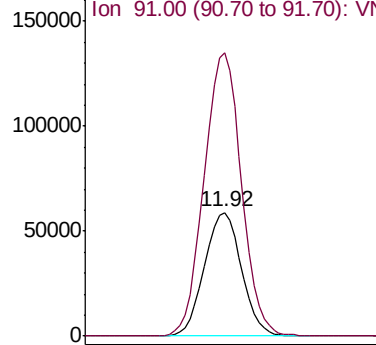
#69
o-Xylene
Concen: 18.354 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063583.D
Acq: 23 Sep 2020 12:55

Instrument :
MSVOA_N
ClientSampled :
VN0923WBS01

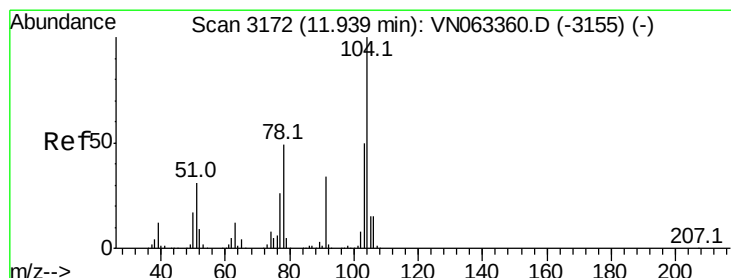
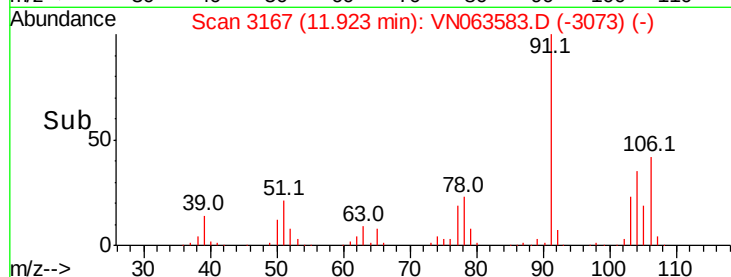
Tot Ion:106 Resp: 98232
Ion Ratio Lower Upper
106 100
91 230.6 113.6 340.8



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

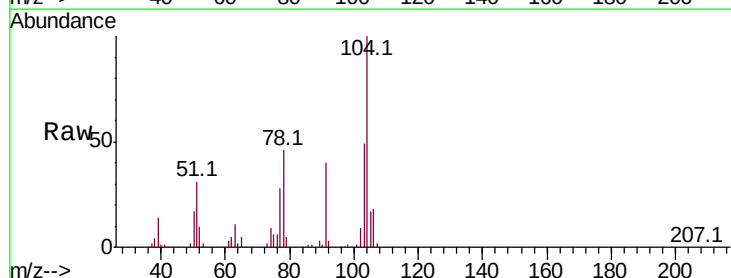


Time-->

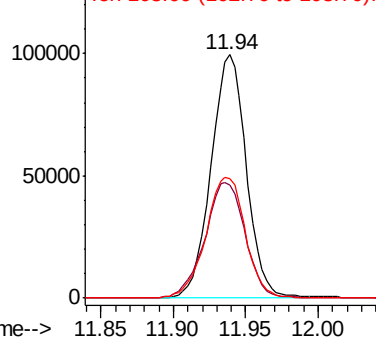


#70
Styrene
Concen: 18.790 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. -0.00 min
Lab File: VN063583.D
Acq: 23 Sep 2020 12:55

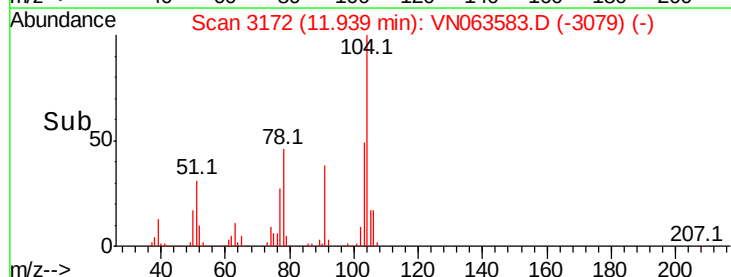
Tgt Ion:104 Resp: 168647
Ion Ratio Lower Upper
104 100
78 54.4 44.4 66.6
103 55.7 43.7 65.5

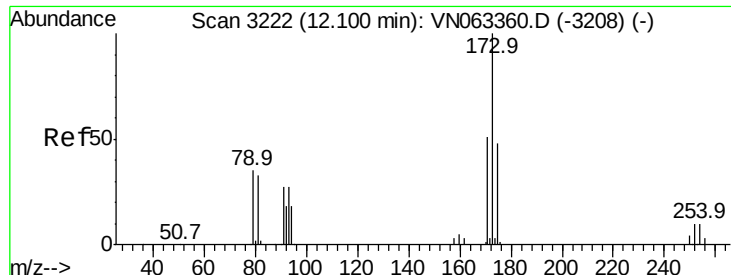


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V



Time-->





#71

Bromoform

Concen: 17.925 ug/l

RT: 12.10 min Scan# 3223

Delta R.T. 0.00 min

Lab File: VN063583.D

Acq: 23 Sep 2020 12:55

Instrument :

MSVOA_N

ClientSampleId :

VN0923WBS01

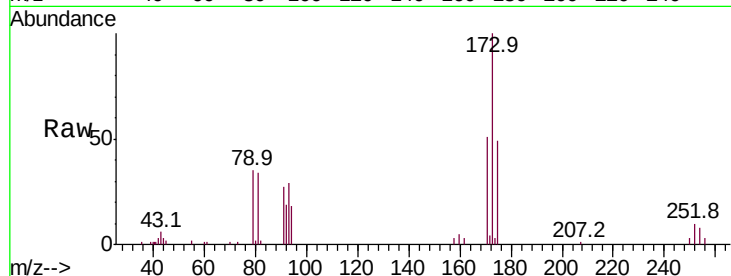
Tot Ion:173 Resp: 40505

Ion Ratio Lower Upper

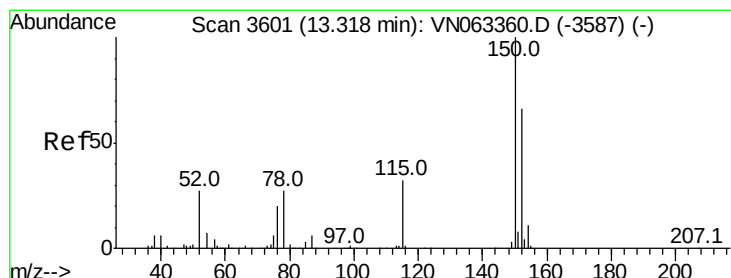
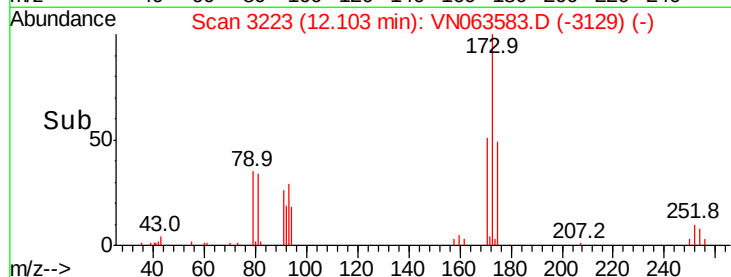
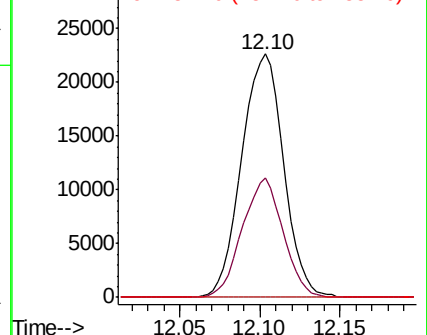
173 100

175 47.5 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: VN063583.D

Acq: 23 Sep 2020 12:55

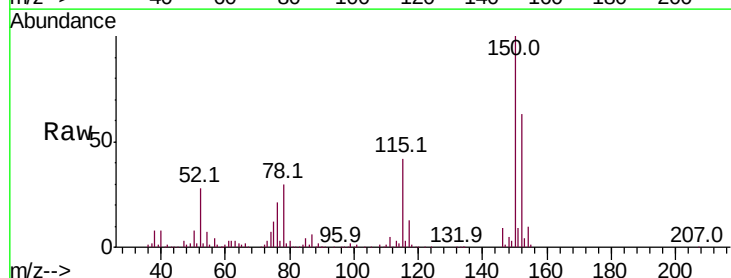
Tgt Ion:152 Resp: 183357

Ion Ratio Lower Upper

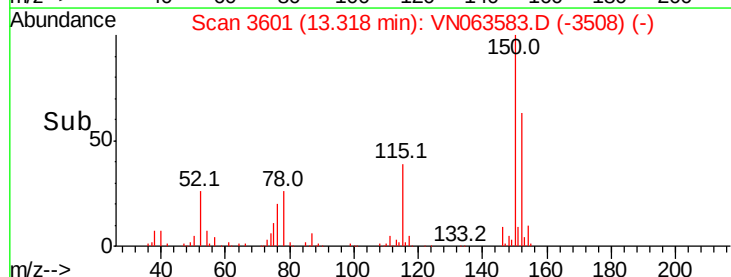
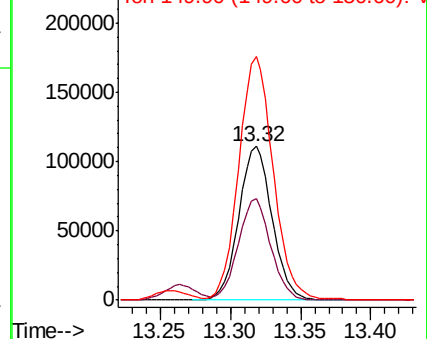
152 100

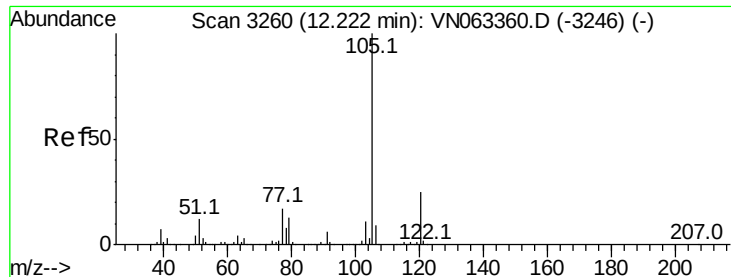
115 64.3 32.2 96.6

150 163.5 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: 18.345 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063583.D

Acq: 23 Sep 2020 12:55

Instrument :

MSVOA_N

ClientSampleId :

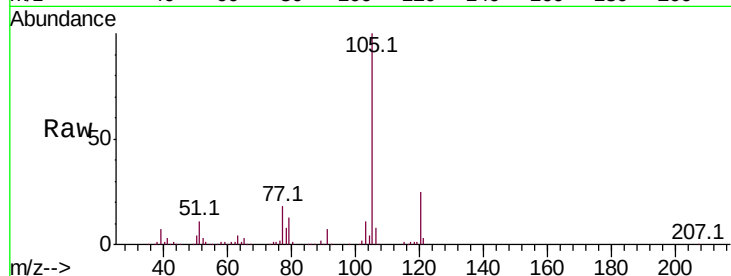
VN0923WBS01

Tot Ion:105 Resp: 269546

Ion Ratio Lower Upper

105 100

120 25.1 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

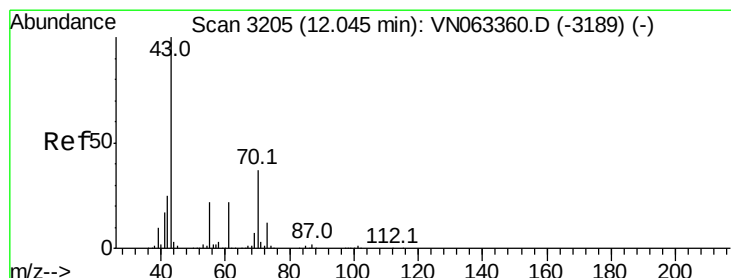
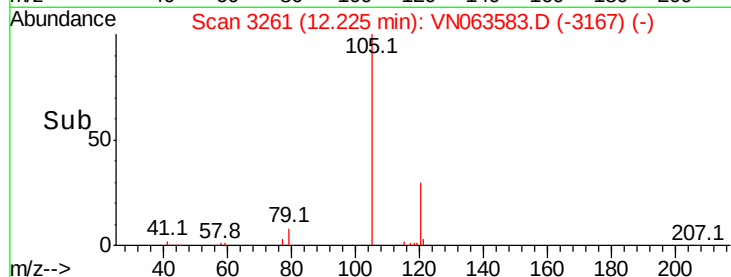
100000

50000

0

Time-->

12.15 12.20 12.25 12.30



#74

N-ethyl acetate

Concen: 16.469 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. -0.00 min

Lab File: VN063583.D

Acq: 23 Sep 2020 12:55

Tgt Ion: 43 Resp: 114548

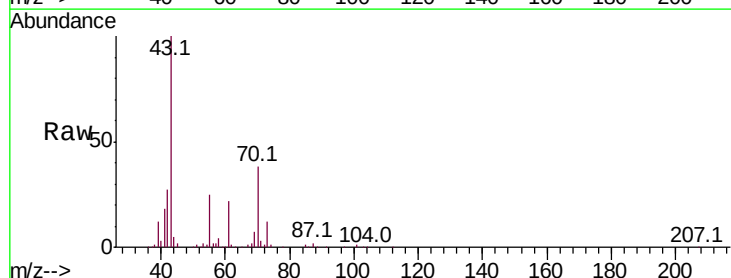
Ion Ratio Lower Upper

43 100

70 37.3 29.6 44.4

55 24.0 17.7 26.5

61 22.3 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

100000

80000

60000

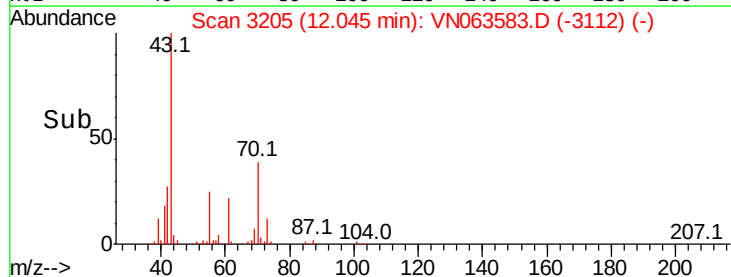
40000

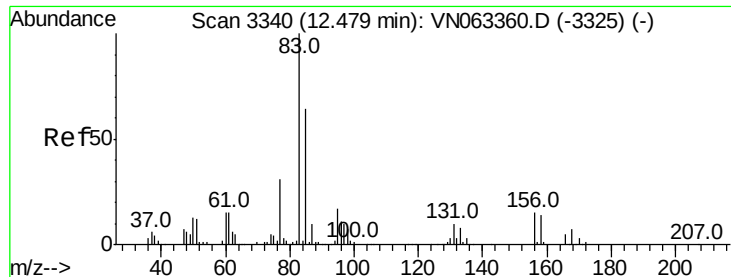
20000

0

Time-->

12.00 12.10





#75

1,1,2,2-Tetrachloroethane

Concen: 18.426 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063583.D

Acq: 23 Sep 2020 12:55

Instrument :

MSVOA_N

ClientSampleId :

VN0923WBS01

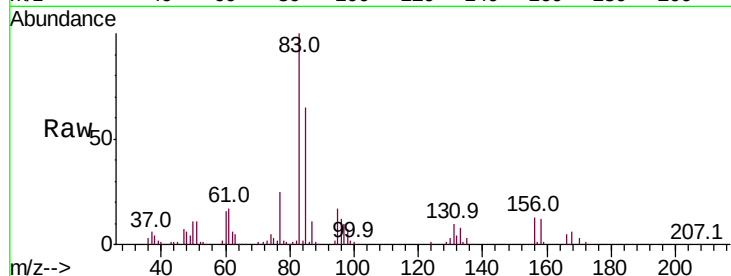
Tot Ion: 83 Resp: 83830

Ion Ratio Lower Upper

83 100

131 9.8 4.9 14.7

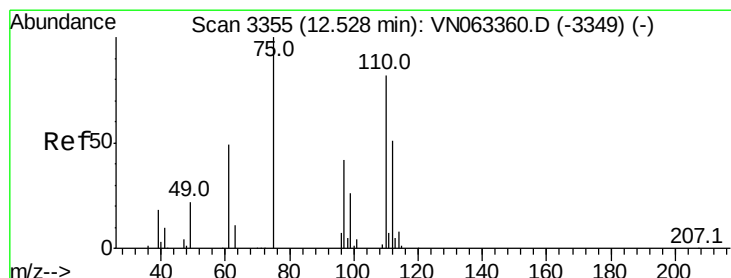
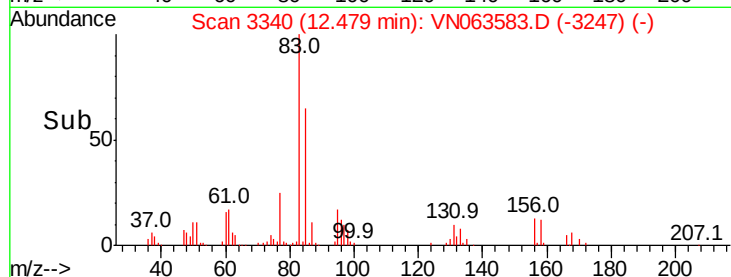
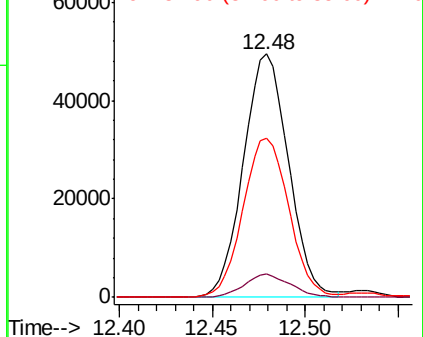
85 66.5 32.0 96.0



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: 25.417 ug/l

RT: 12.53 min Scan# 3356

Delta R.T. 0.00 min

Lab File: VN063583.D

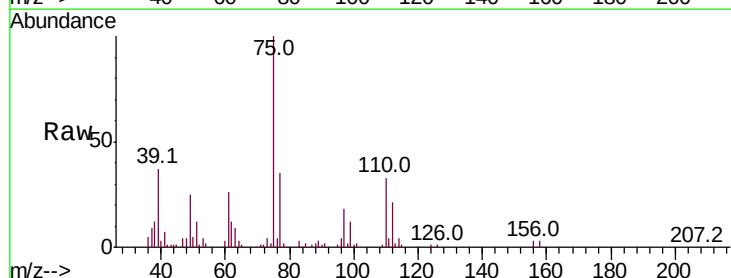
Acq: 23 Sep 2020 12:55

Tgt Ion: 75 Resp: 115352

Ion Ratio Lower Upper

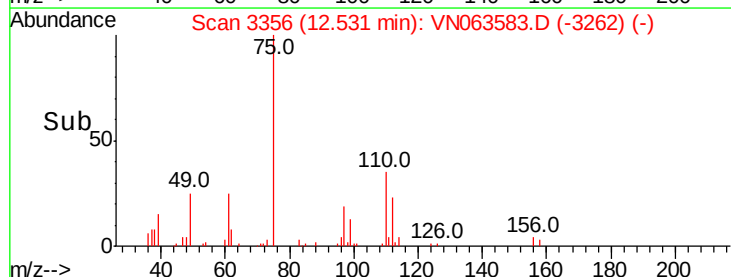
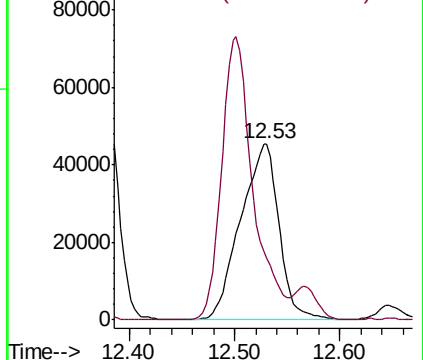
75 100

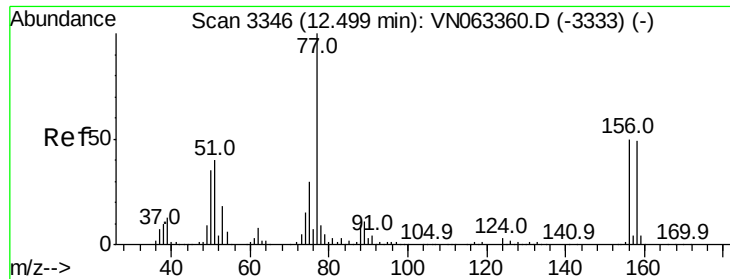
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 19.661 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN063583.D

Acq: 23 Sep 2020 12:55

Instrument :

MSVOA_N

ClientSampleId :

VN0923WBS01

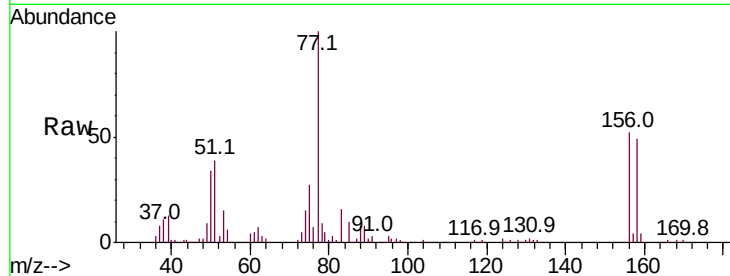
Tot Ion:156 Resp: 64982

Ion Ratio Lower Upper

156 100

77 230.4 120.2 360.6

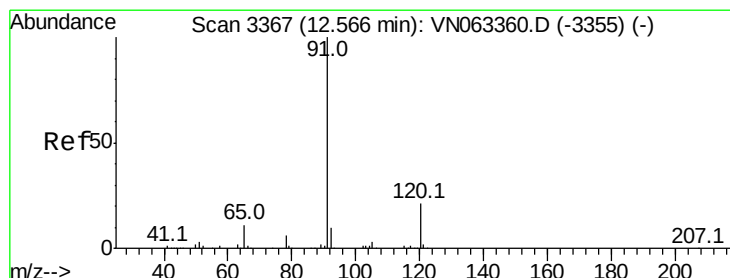
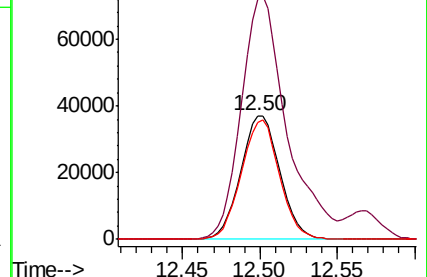
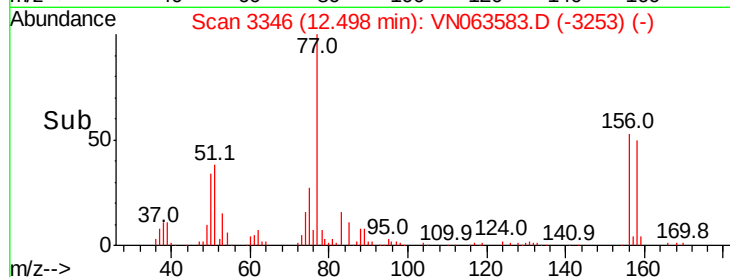
158 94.5 48.9 146.6



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: 18.534 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063583.D

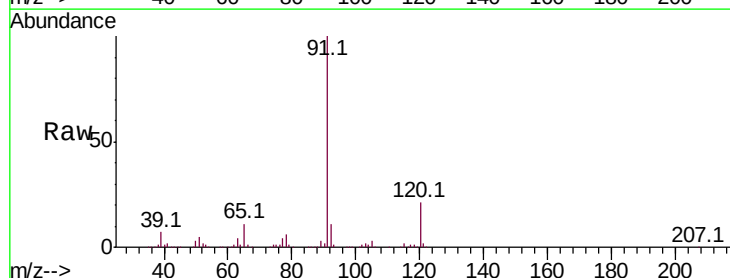
Acq: 23 Sep 2020 12:55

Tgt Ion: 91 Resp: 317174

Ion Ratio Lower Upper

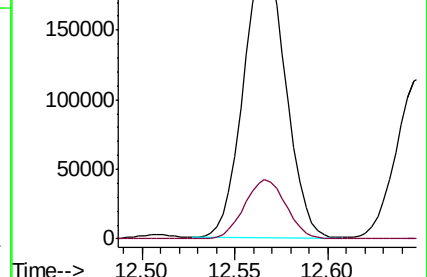
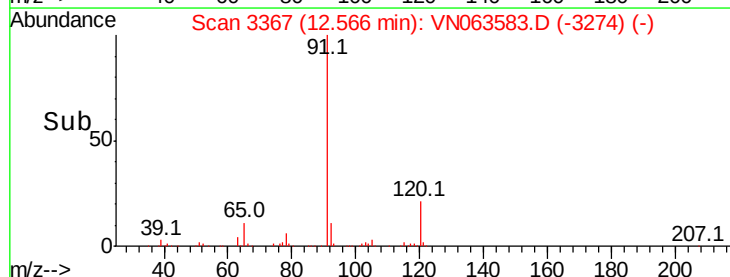
91 100

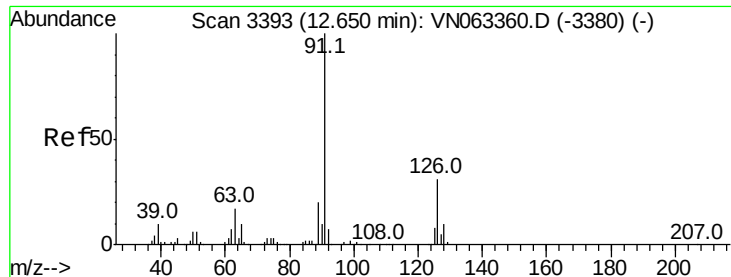
120 21.1 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.686 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. -0.00 min

Lab File: VN063583.D

Acq: 23 Sep 2020 12:55

Instrument :

MSVOA_N

ClientSampleId :

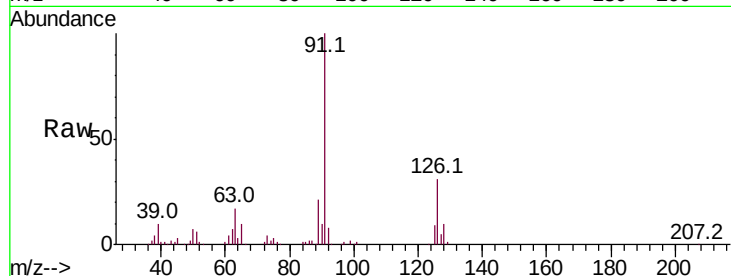
VN0923WBS01

Tot Ion: 91 Resp: 191696

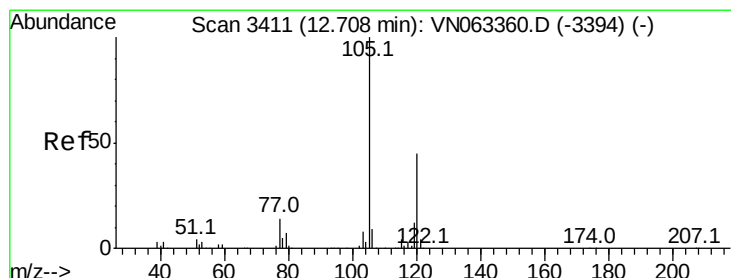
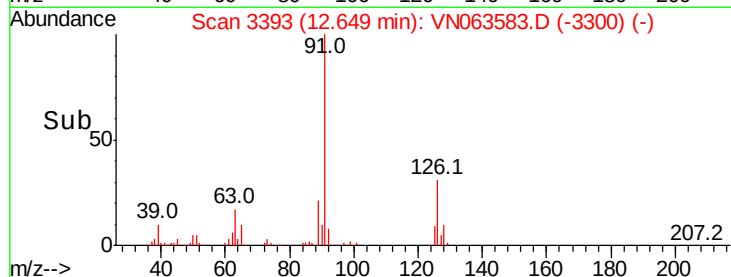
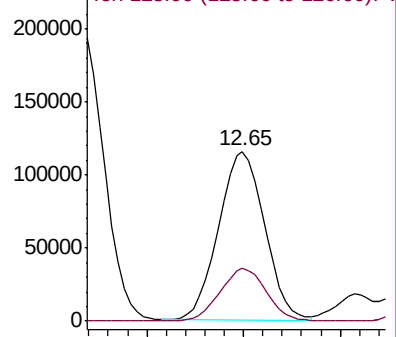
Ion Ratio Lower Upper

91 100

126 31.5 15.8 47.3



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



#80

1,3,5-Trimethylbenzene

Concen: 18.685 ug/l

RT: 12.71 min Scan# 3412

Delta R.T. 0.00 min

Lab File: VN063583.D

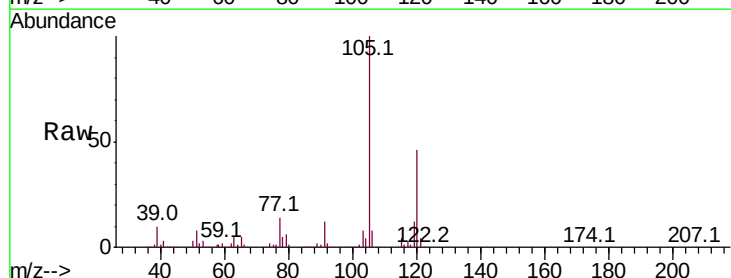
Acq: 23 Sep 2020 12:55

Tgt Ion:105 Resp: 228932

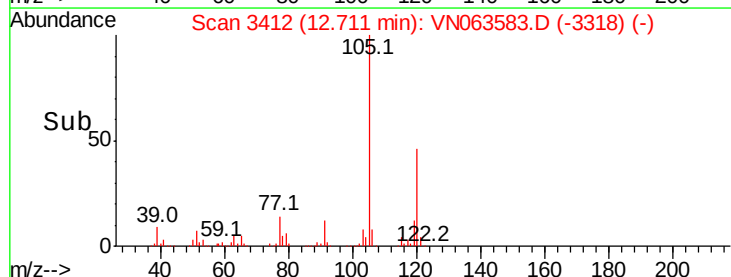
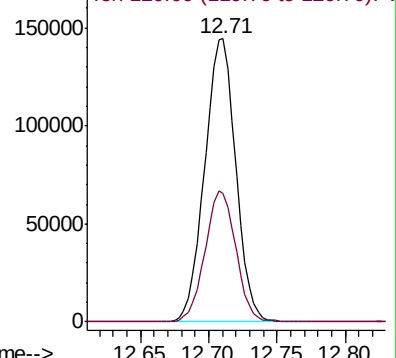
Ion Ratio Lower Upper

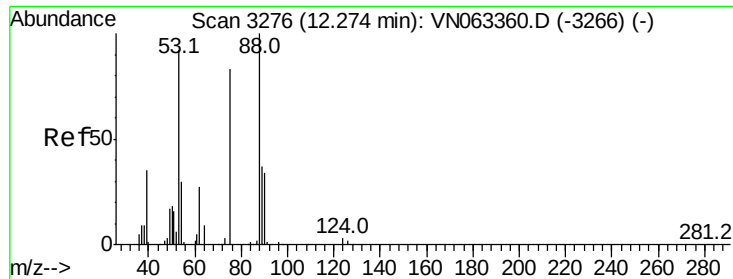
105 100

120 45.8 22.9 68.8



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

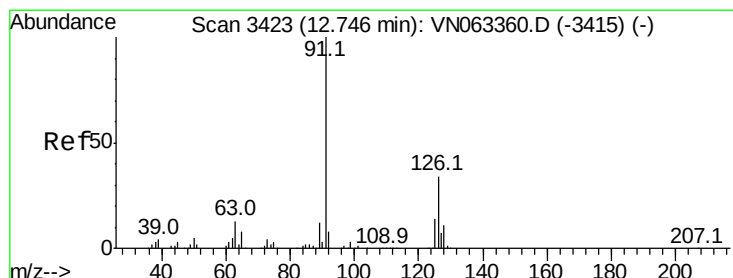
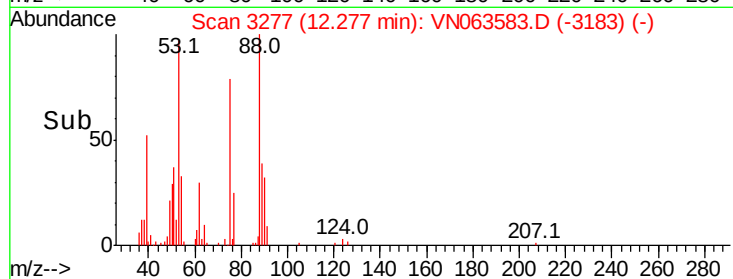
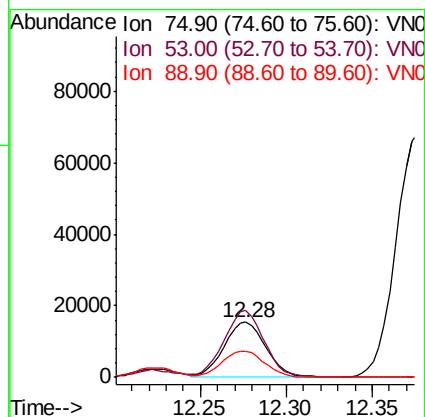
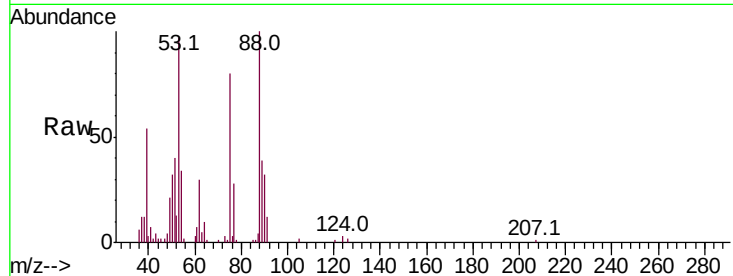




#81
trans-1,4-Dichloro-2-butene
Concen: 15.905 ug/l
RT: 12.28 min Scan# 3277
Delta R.T. 0.00 min
Lab File: VN063583.D
Acq: 23 Sep 2020 12:55

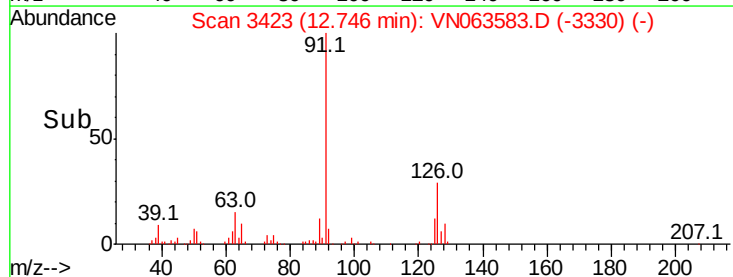
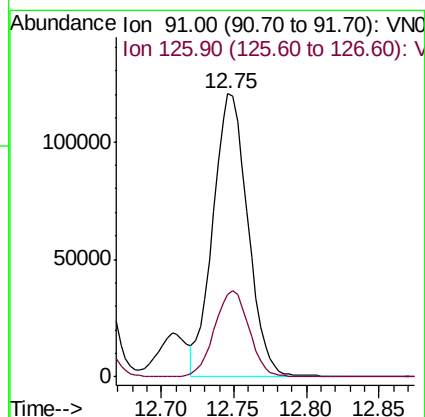
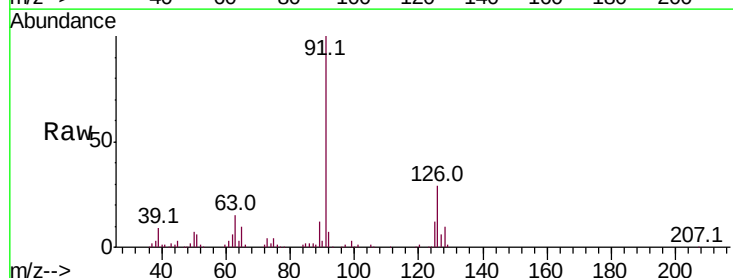
Instrument :
MSVOA_N
ClientSampleId :
VN0923WBS01

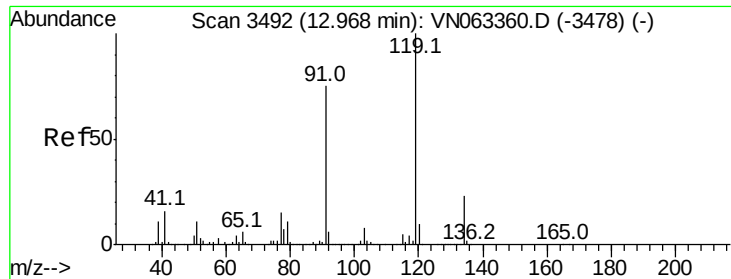
Tot Ion: 75 Resp: 26329
Ion Ratio Lower Upper
75 100
53 117.2 85.7 128.5
89 48.1 38.0 57.0



#82
4-Chlorotoluene
Concen: 18.419 ug/l
RT: 12.75 min Scan# 3423
Delta R.T. -0.00 min
Lab File: VN063583.D
Acq: 23 Sep 2020 12:55

Tgt Ion: 91 Resp: 199643
Ion Ratio Lower Upper
91 100
126 30.5 15.5 46.5





#83

tert-Butylbenzene

Concen: 18.006 ug/l

RT: 12.97 min Scan# 3492

Delta R.T. -0.00 min

Lab File: VN063583.D

Acq: 23 Sep 2020 12:55

Instrument :

MSVOA_N

ClientSampleId :

VN0923WBS01

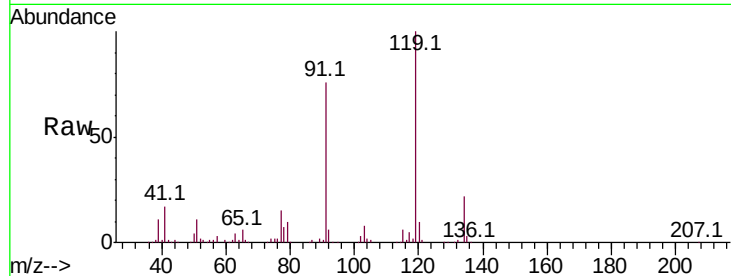
Tot Ion:119 Resp: 182085

Ion Ratio Lower Upper

119 100

91 73.1 36.3 108.9

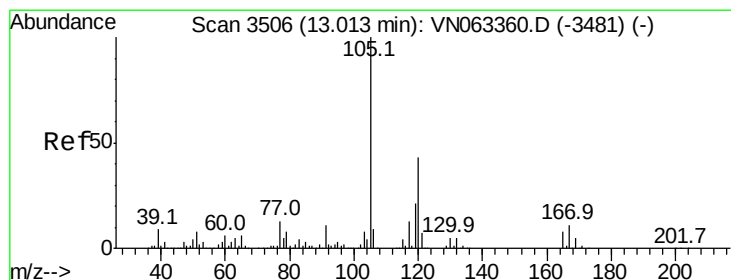
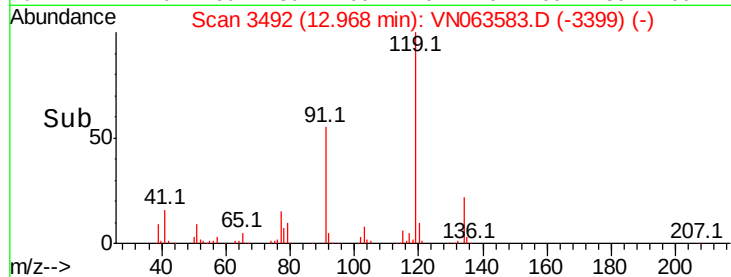
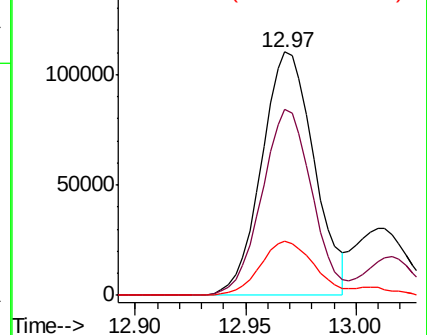
134 22.9 12.3 36.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 18.263 ug/l

RT: 13.02 min Scan# 3507

Delta R.T. 0.00 min

Lab File: VN063583.D

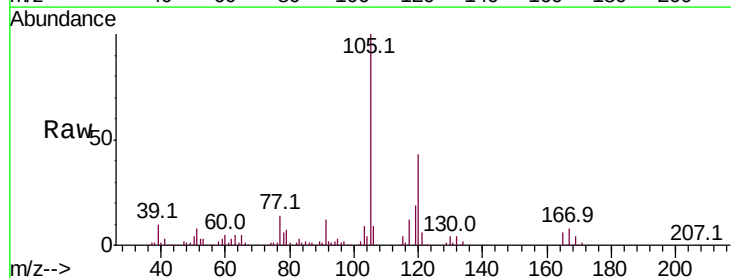
Acq: 23 Sep 2020 12:55

Tgt Ion:105 Resp: 226020

Ion Ratio Lower Upper

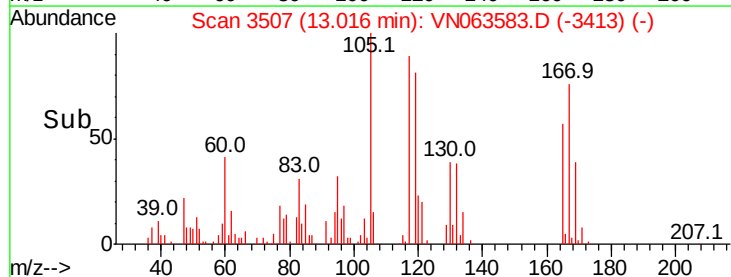
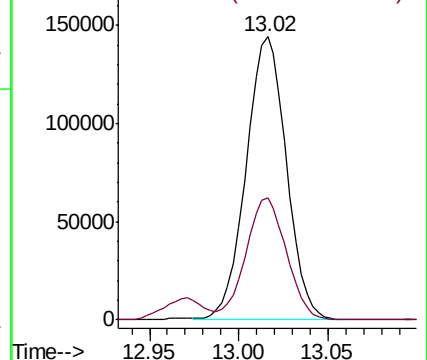
105 100

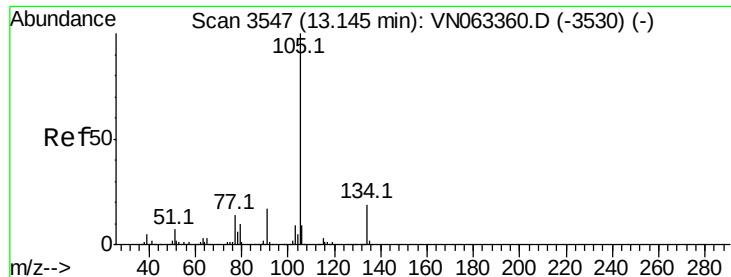
120 44.0 21.3 63.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 17.889 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN063583.D

Acq: 23 Sep 2020 12:55

Instrument :

MSVOA_N

ClientSampleId :

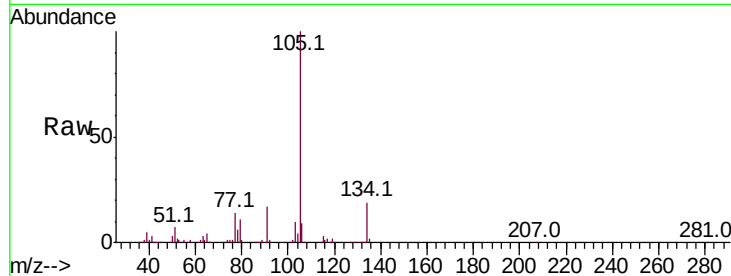
VN0923WBS01

Tot Ion:105 Resp: 242138

Ion Ratio Lower Upper

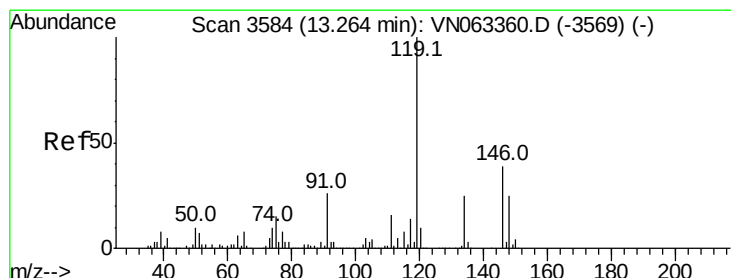
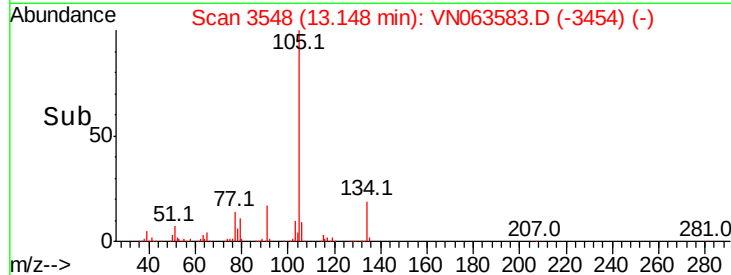
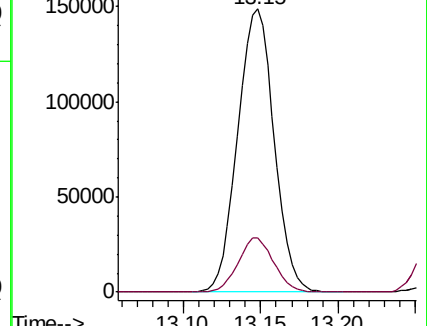
105 100

134 18.7 9.3 27.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.087 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. -0.00 min

Lab File: VN063583.D

Acq: 23 Sep 2020 12:55

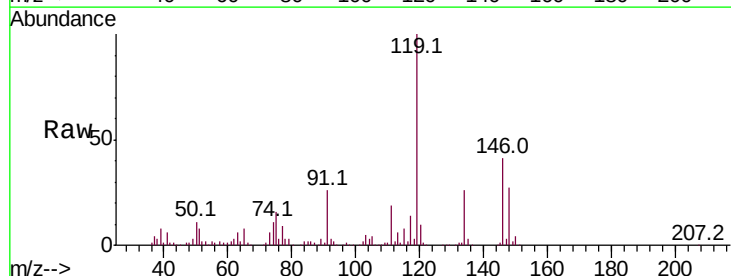
Tgt Ion:119 Resp: 215941

Ion Ratio Lower Upper

119 100

134 25.3 12.5 37.5

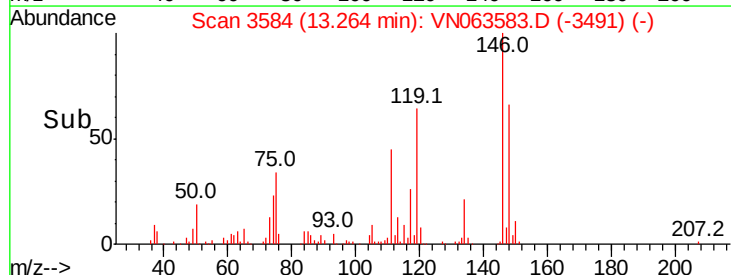
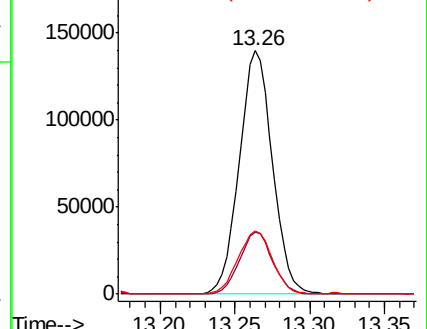
91 27.0 13.4 40.1

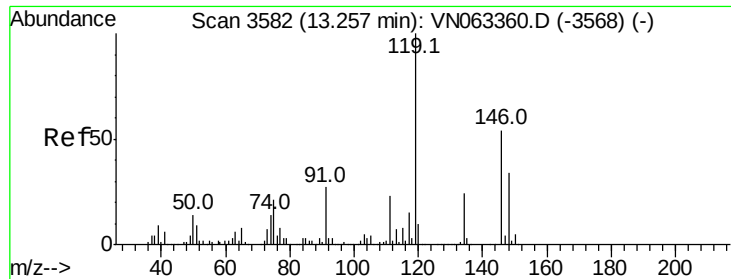


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

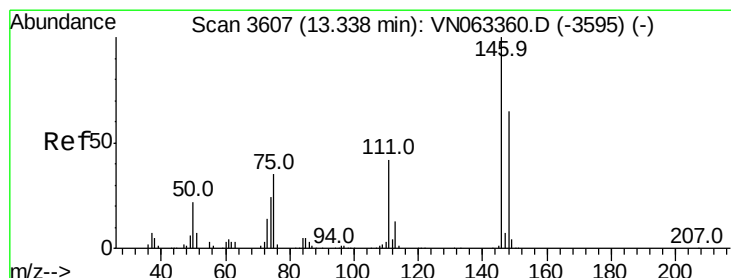
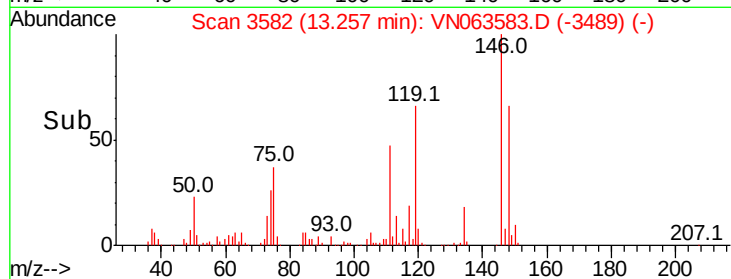
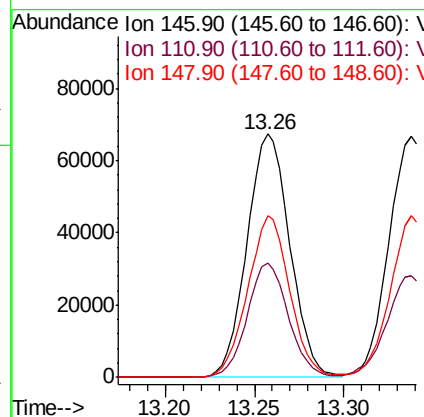
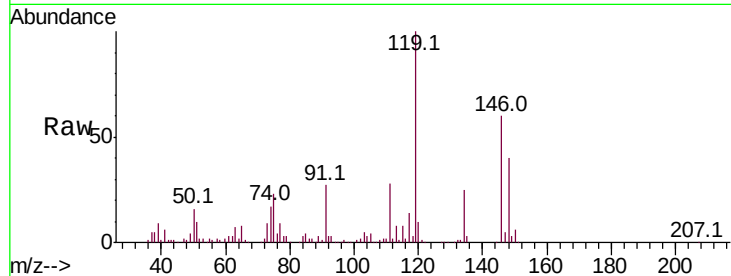




#87
 1,3-Dichlorobenzene
 Concen: 18.441 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN063583.D
 Acq: 23 Sep 2020 12:55

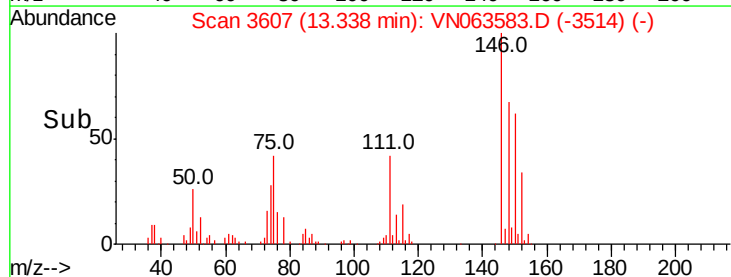
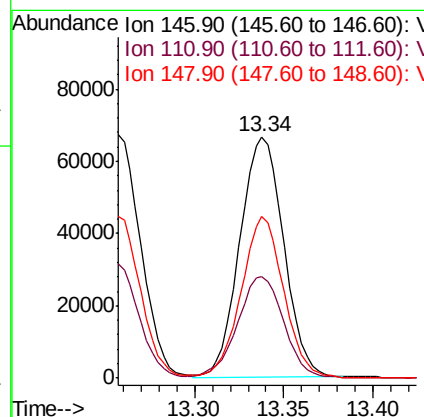
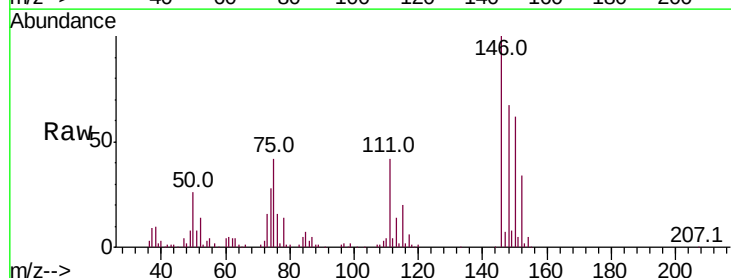
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0923WBS01

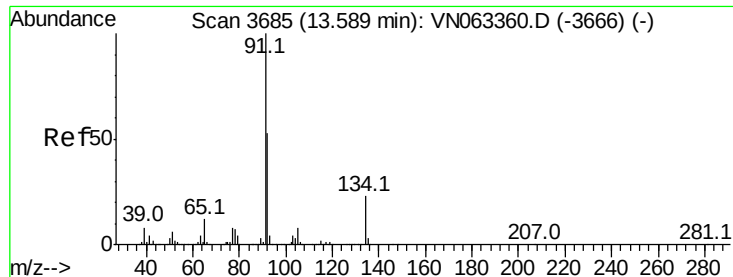
Tot Ion:146 Resp: 112968
 Ion Ratio Lower Upper
 146 100
 111 45.1 21.4 64.3
 148 65.0 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 18.272 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. -0.00 min
 Lab File: VN063583.D
 Acq: 23 Sep 2020 12:55

Tgt Ion:146 Resp: 113804
 Ion Ratio Lower Upper
 146 100
 111 44.6 21.2 63.6
 148 65.9 31.9 95.9





#89

n-Butylbenzene

Concen: 17.887 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. -0.00 min

Lab File: VN063583.D

Acq: 23 Sep 2020 12:55

Instrument :

MSVOA_N

ClientSampleId :

VN0923WBS01

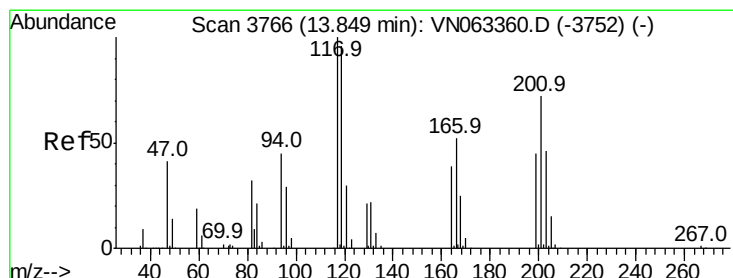
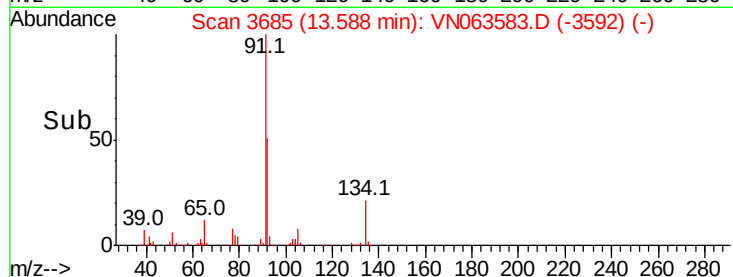
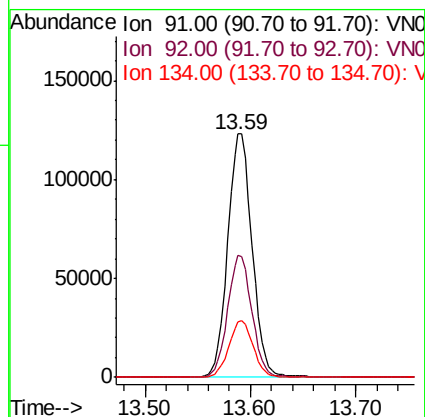
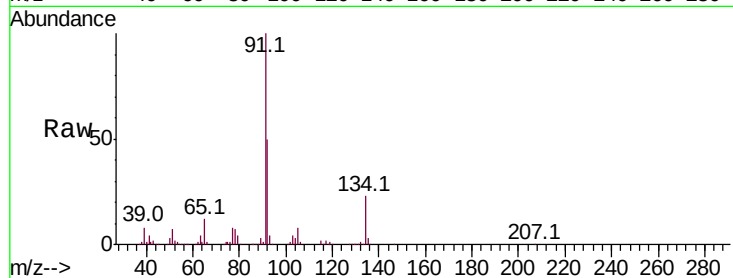
Tot Ion: 91 Resp: 196835

Ion Ratio Lower Upper

91 100

92 49.6 26.0 78.0

134 23.1 11.7 35.0



#90

Hexachloroethane

Concen: 16.353 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. -0.00 min

Lab File: VN063583.D

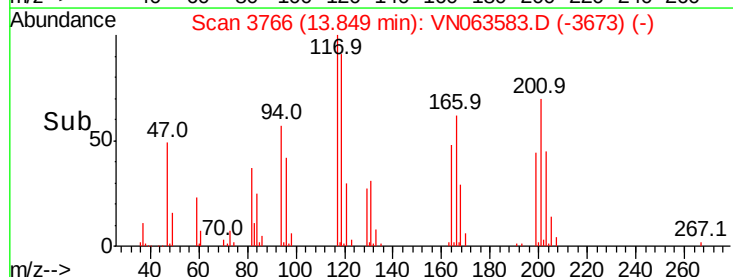
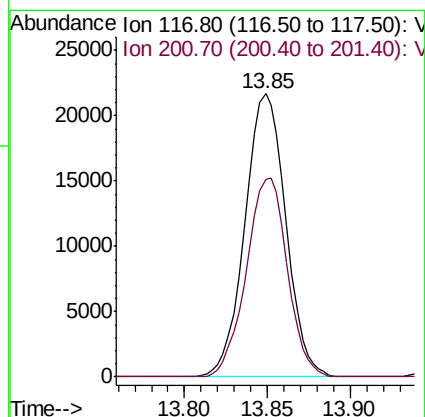
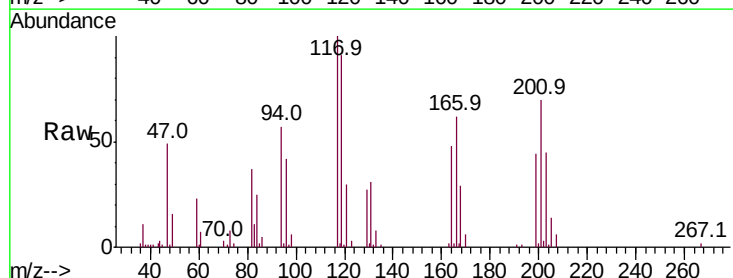
Acq: 23 Sep 2020 12:55

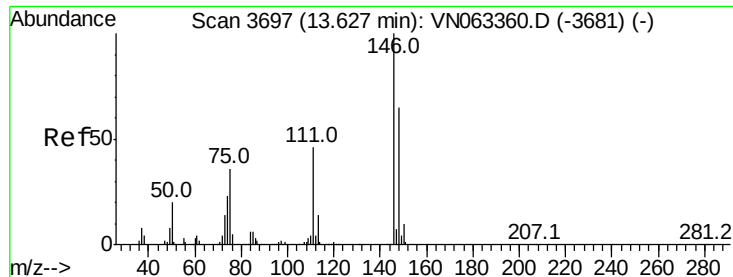
Tgt Ion: 117 Resp: 37176

Ion Ratio Lower Upper

117 100

201 70.4 35.5 106.7





#91

1,2-Dichlorobenzene

Concen: 19.078 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. -0.00 min

Lab File: VN063583.D

Acq: 23 Sep 2020 12:55

Instrument :

MSVOA_N

ClientSampleId :

VN0923WBS01

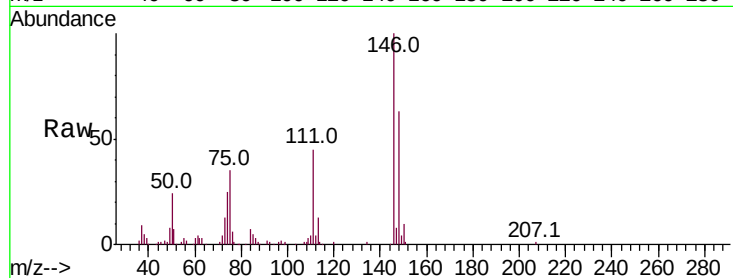
Tot Ion:146 Resp: 114741

Ion Ratio Lower Upper

146 100

111 44.6 22.4 67.2

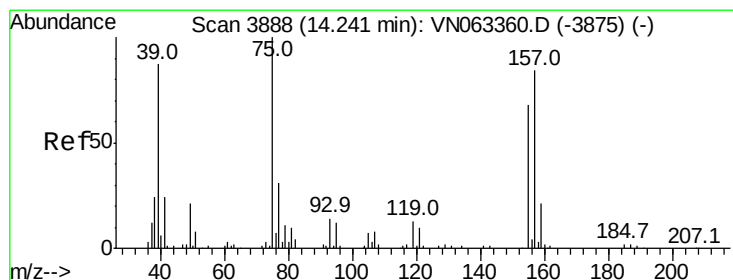
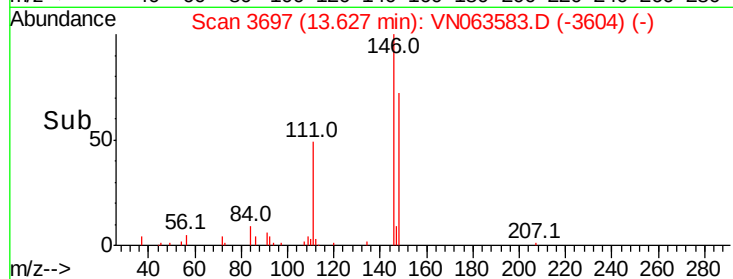
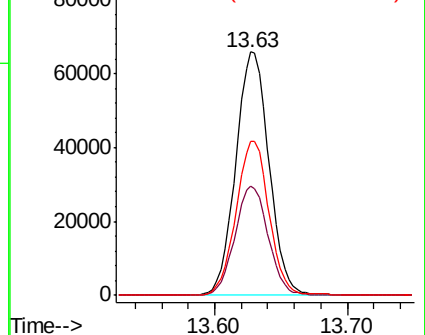
148 62.9 32.0 96.0



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: 16.096 ug/l

RT: 14.24 min Scan# 3889

Delta R.T. 0.00 min

Lab File: VN063583.D

Acq: 23 Sep 2020 12:55

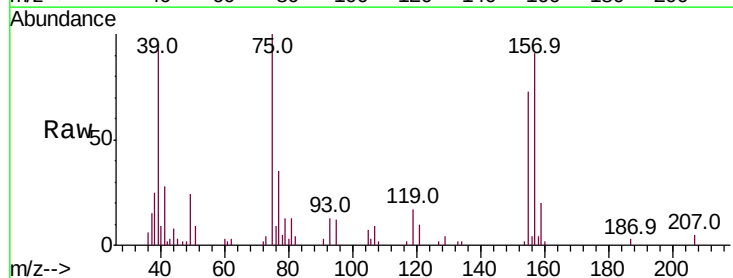
Tgt Ion: 75 Resp: 17438

Ion Ratio Lower Upper

75 100

155 73.5 34.6 103.9

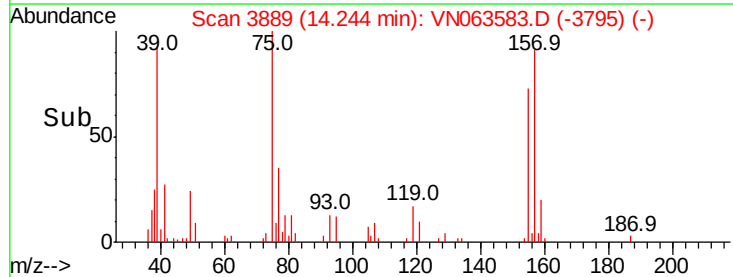
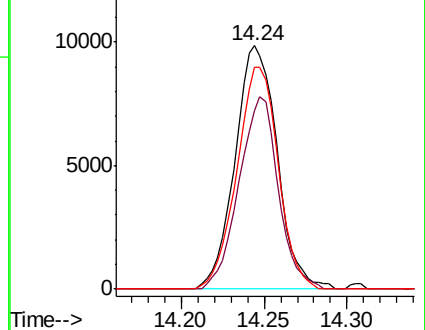
157 89.6 43.7 131.1

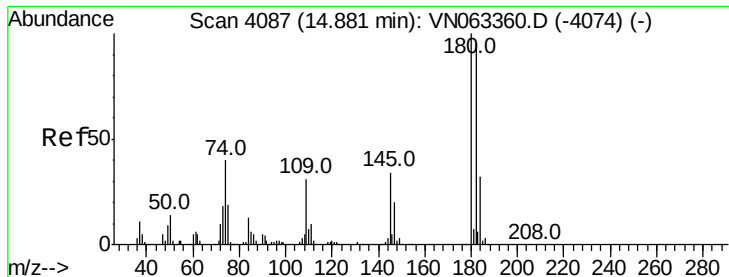


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 16.962 ug/l

RT: 14.88 min Scan# 4088

Delta R.T. 0.00 min

Lab File: VN063583.D

Acq: 23 Sep 2020 12:55

Instrument :

MSVOA_N

ClientSampleId :

VN0923WBS01

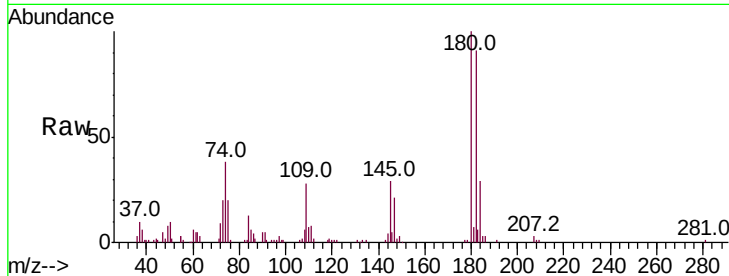
Tot Ion:180 Resp: 60142

Ion Ratio Lower Upper

180 100

182 95.3 47.3 142.0

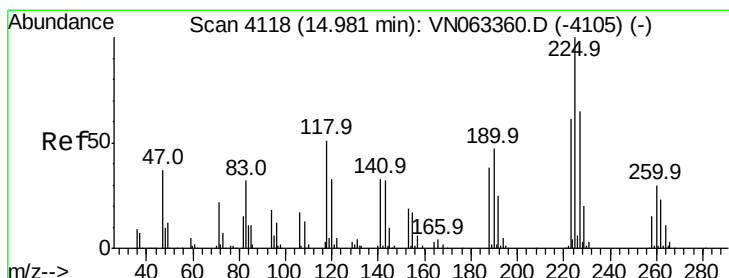
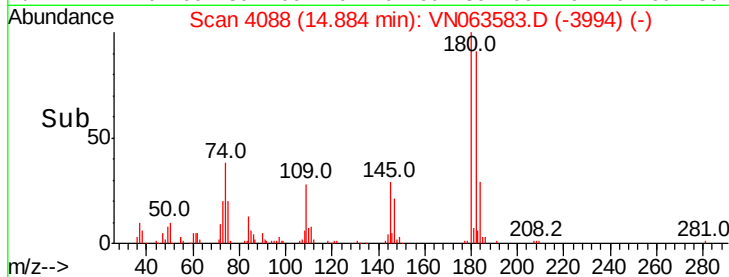
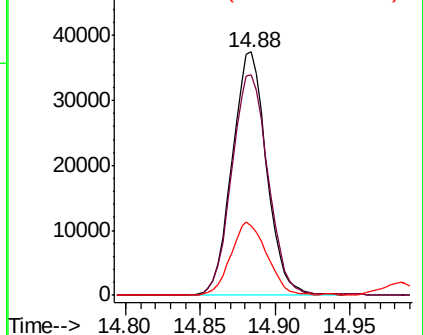
145 31.7 16.6 49.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 21.432 ug/l

RT: 14.98 min Scan# 4119

Delta R.T. 0.00 min

Lab File: VN063583.D

Acq: 23 Sep 2020 12:55

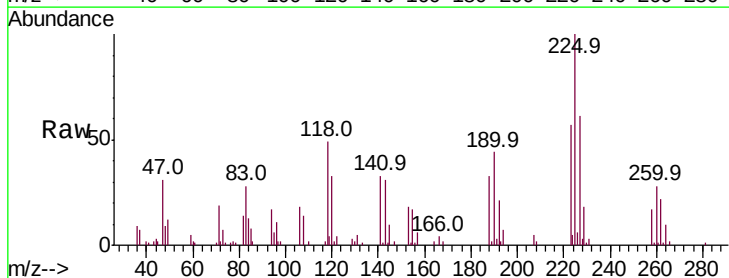
Tgt Ion:225 Resp: 31459

Ion Ratio Lower Upper

225 100

223 60.0 30.6 91.6

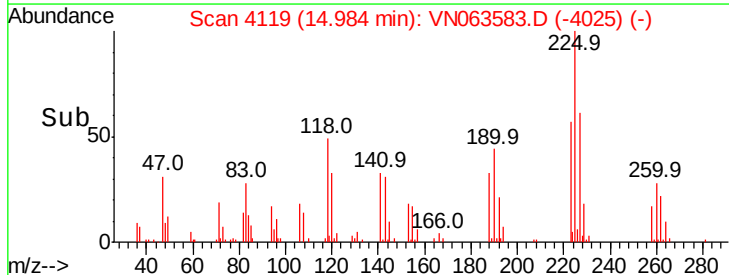
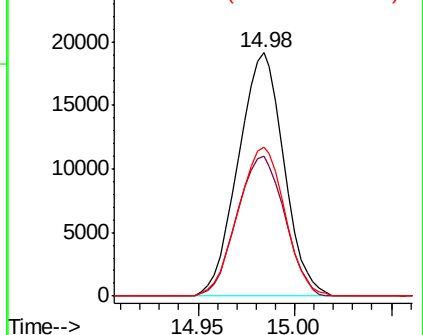
227 62.8 31.2 93.6

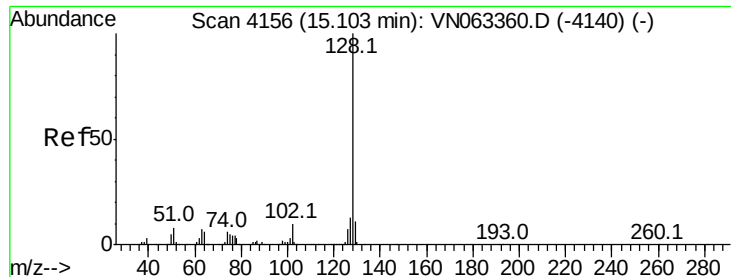


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 16.307 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. -0.00 min

Lab File: VN063583.D

Acq: 23 Sep 2020 12:55

Instrument :

MSVOA_N

ClientSampled :

VN0923WBS01

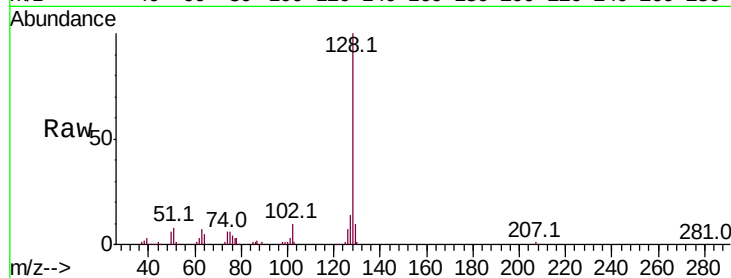
Tot Ion:128 Resp: 191021

Ion Ratio Lower Upper

128 100

127 13.4 10.6 15.8

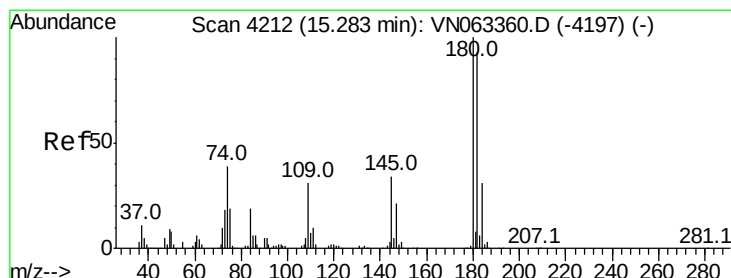
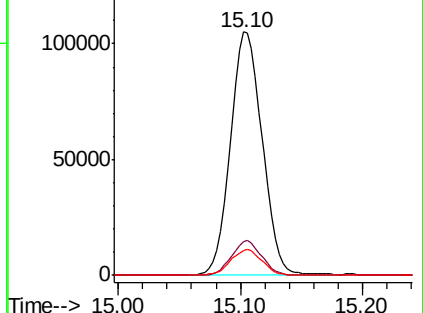
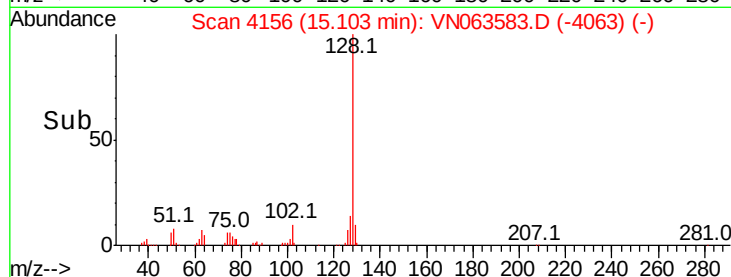
129 10.6 8.8 13.2



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: 16.882 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. -0.00 min

Lab File: VN063583.D

Acq: 23 Sep 2020 12:55

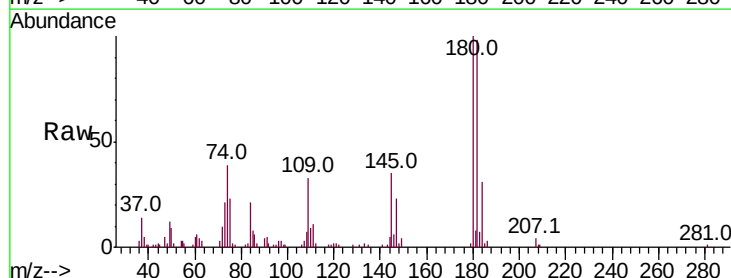
Tgt Ion:180 Resp: 57835

Ion Ratio Lower Upper

180 100

182 97.6 46.7 140.1

145 34.2 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

