

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092420\
 Data File : VN063650.D
 Acq On : 25 Sep 2020 1:02
 Operator : JC/MD
 Sample : VN0924WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBSD02

Quant Time: Sep 25 05:36:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	237669	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	421935	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	387559	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	183513	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	193656	47.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.74%	
35) Dibromofluoromethane	7.55	113	135691	46.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.90%	
50) Toluene-d8	10.06	98	500569	45.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.16%	
62) 4-Bromofluorobenzene	12.38	95	186641	46.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.72%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.83	85	47280	17.559	ug/l	99
3) Chloromethane	2.04	50	60702	17.042	ug/l	99
4) Vinyl Chloride	2.17	62	59265	18.779	ug/l	96
5) Bromomethane	2.54	94	39951	21.321	ug/l	97
6) Chloroethane	2.68	64	39225	20.248	ug/l	99
7) Trichlorofluoromethane	2.99	101	94725	20.118	ug/l	99
8) Diethyl Ether	3.37	74	34185	18.624	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	49223	18.589	ug/l	96
10) Methyl Iodide	3.91	142	62208	18.044	ug/l	96
11) Tert butyl alcohol	4.73	59	44991	80.272	ug/l	99
12) 1,1-Dichloroethene	3.70	96	48963	18.256	ug/l	97
13) Acrolein	3.57	56	16058	77.311	ug/l	99
14) Allyl chloride	4.28	41	83426	15.725	ug/l	86
15) Acrylonitrile	4.93	53	132883	93.207	ug/l	100
16) Acetone	3.78	43	125142	96.246	ug/l	100
17) Carbon Disulfide	4.02	76	129826	16.641	ug/l	99
18) Methyl Acetate	4.28	43	66333	20.096	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	182110	18.218	ug/l	98
20) Methylene Chloride	4.51	84	62217	18.886	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	52983	17.830	ug/l	88
22) Diisopropyl ether	5.91	45	202638	18.728	ug/l	98
23) Vinyl Acetate	5.85	43	810479	91.209	ug/l	98
24) 1,1-Dichloroethane	5.80	63	111697	18.909	ug/l	98
25) 2-Butanone	6.78	43	185168	92.596	ug/l	100
26) 2,2-Dichloropropane	6.78	77	74034	14.235	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	63724	18.946	ug/l	98
28) Bromochloromethane	7.15	49	54145	19.852	ug/l	98
29) Tetrahydrofuran	7.16	42	120475	88.210	ug/l	99
30) Chloroform	7.33	83	116671	19.686	ug/l	99
31) Cyclohexane	7.62	56	92239	16.508	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	101763	19.305	ug/l	97
36) 1,1-Dichloropropene	7.76	75	79901	17.775	ug/l	100
37) Ethyl Acetate	6.88	43	80322	18.206	ug/l	97
38) Carbon Tetrachloride	7.74	117	86977	18.955	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092420\
 Data File : VN063650.D
 Acq On : 25 Sep 2020 1:02
 Operator : JC/MD
 Sample : VN0924WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBSD02

Quant Time: Sep 25 05:36:39 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	74531	15.277	ug/l	97
40) Benzene	8.00	78	238589	18.593	ug/l	100
41) Methacrylonitrile	7.17	41	118912	59.928	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	101125	19.597	ug/l	97
43) Isopropyl Acetate	8.13	43	139444	17.676	ug/l #	90
44) Trichloroethene	8.80	130	60974	19.591	ug/l	100
45) 1,2-Dichloropropane	9.09	63	66141	18.925	ug/l	99
46) Dibromomethane	9.18	93	44515	19.379	ug/l	98
47) Bromodichloromethane	9.37	83	92017	19.283	ug/l	97
48) Methyl methacrylate	9.17	41	66843	17.246	ug/l	97
49) 1,4-Dioxane	9.16	88	18384	330.531	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	413546	93.639	ug/l	99
52) Toluene	10.13	92	146744	19.021	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	91657	17.205	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	96681	17.205	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	60766	19.829	ug/l	98
56) Ethyl methacrylate	10.40	69	81651	17.068	ug/l	96
57) 1,3-Dichloropropane	10.68	76	103868	18.796	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.67	63	209836	83.615	ug/l	97
59) 2-Hexanone	10.72	43	295176	92.256	ug/l	100
60) Dibromochloromethane	10.87	129	65050	18.790	ug/l	97
61) 1,2-Dibromoethane	10.98	107	61555	19.334	ug/l	99
64) Tetrachloroethene	10.60	164	55914	21.188	ug/l	97
65) Chlorobenzene	11.41	112	155360	18.885	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	58596	19.431	ug/l	98
67) Ethyl Benzene	11.49	91	282983	18.266	ug/l	99
68) m/p-Xylenes	11.59	106	209660	37.534	ug/l	98
69) o-Xylene	11.92	106	98451	18.502	ug/l	98
70) Styrene	11.94	104	170499	19.107	ug/l	98
71) Bromoform	12.10	173	41436	18.444	ug/l #	98
73) Isopropylbenzene	12.23	105	269187	18.305	ug/l	100
74) N-amyl acetate	12.05	43	116063	16.673	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	85652	18.811	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	112671	24.805	ug/l #	100
77) Bromobenzene	12.50	156	64956	19.636	ug/l	94
78) n-propylbenzene	12.57	91	312414	18.240	ug/l	100
79) 2-Chlorotoluene	12.65	91	189574	18.464	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	227421	18.546	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.28	75	24459	14.763	ug/l	92
82) 4-Chlorotoluene	12.75	91	196478	18.111	ug/l	99
83) tert-Butylbenzene	12.97	119	182395	18.022	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	227163	18.340	ug/l	99
85) sec-Butylbenzene	13.15	105	240197	17.730	ug/l	99
86) p-Isopropyltoluene	13.26	119	212904	17.818	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	118368	19.306	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	114901	18.433	ug/l	98
89) n-Butylbenzene	13.59	91	180706	16.407	ug/l	99
90) Hexachloroethane	13.85	117	37974	16.690	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	114431	19.010	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	17886	16.496	ug/l	98

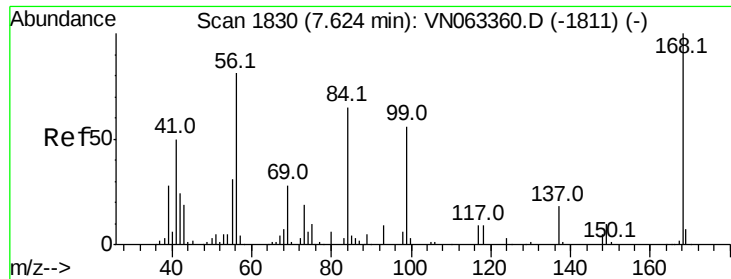
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092420\
Data File : VN063650.D
Acq On : 25 Sep 2020 1:02
Operator : JC/MD
Sample : VN0924WBSD02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0924WBSD02

Quant Time: Sep 25 05:36:39 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	60061	16.925	ug/l	99
94) Hexachlorobutadiene	14.98	225	28675	19.519	ug/l	99
95) Naphthalene	15.11	128	189069	16.126	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	59172	17.257	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063650.D

Acq: 25 Sep 2020 1:02

Instrument :

MSVOA_N

ClientSampleId :

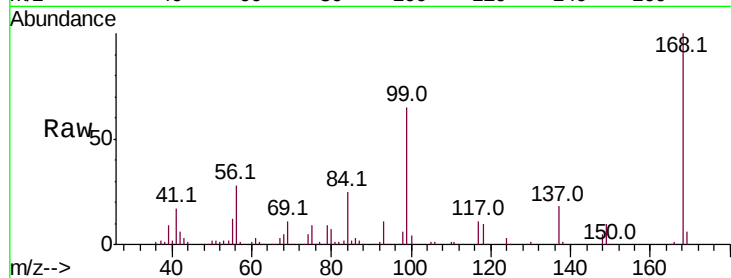
VN0924WBSD02

Tot Ion:168 Resp: 237669

Ion Ratio Lower Upper

168 100

99 64.2 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

120000

100000

80000

60000

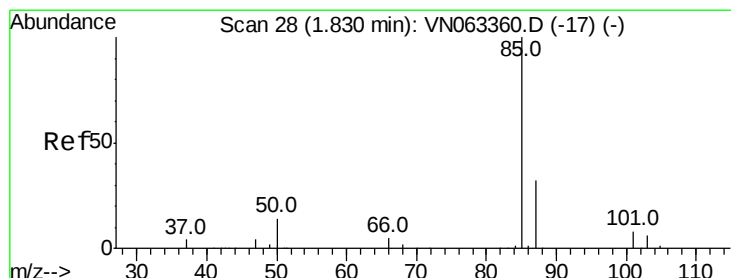
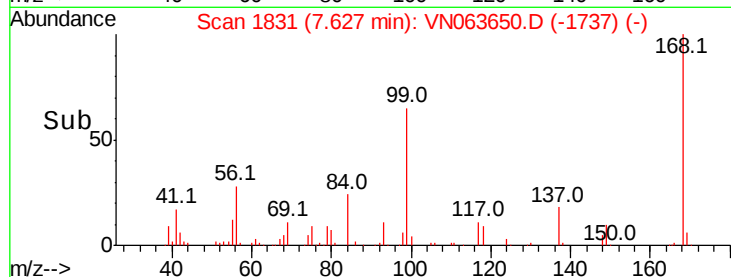
40000

20000

0

7.50 7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 17.559 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063650.D

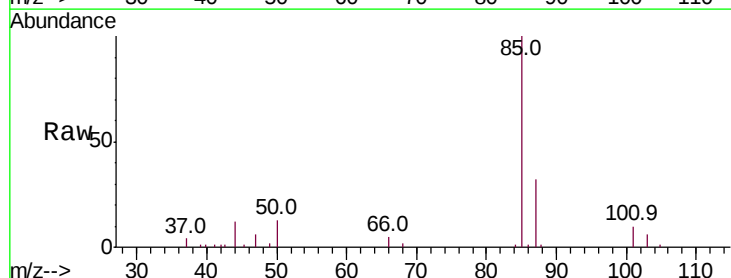
Acq: 25 Sep 2020 1:02

Tgt Ion: 85 Resp: 47280

Ion Ratio Lower Upper

85 100

87 32.2 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

40000

30000

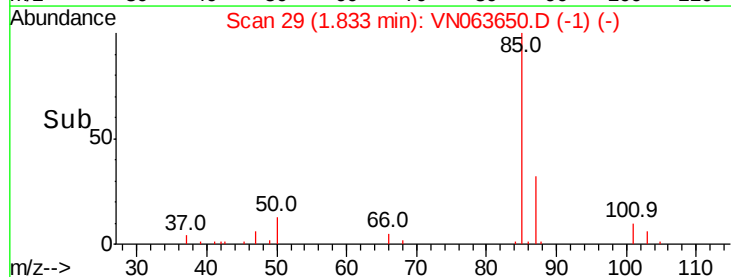
20000

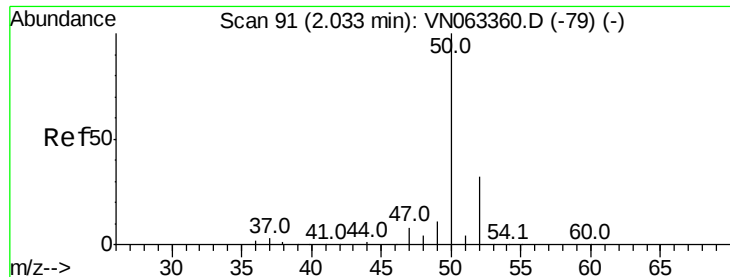
10000

0

1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 17.042 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.01 min

Lab File: VN063650.D

Acq: 25 Sep 2020 1:02

Instrument :

MSVOA_N

ClientSampleId :

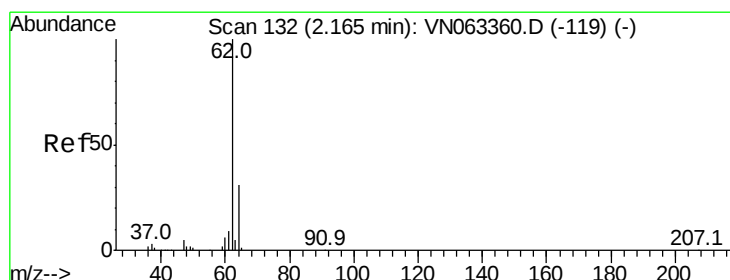
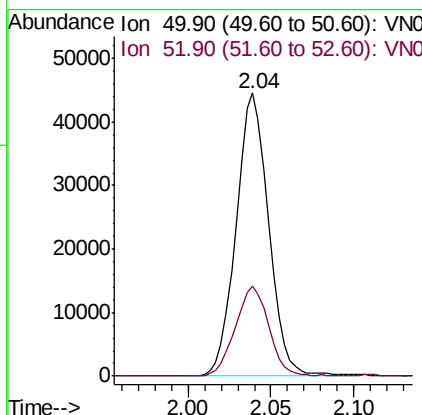
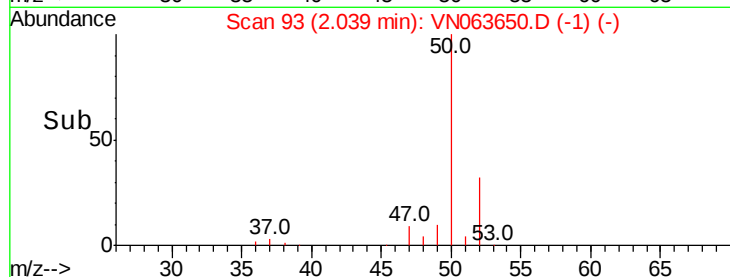
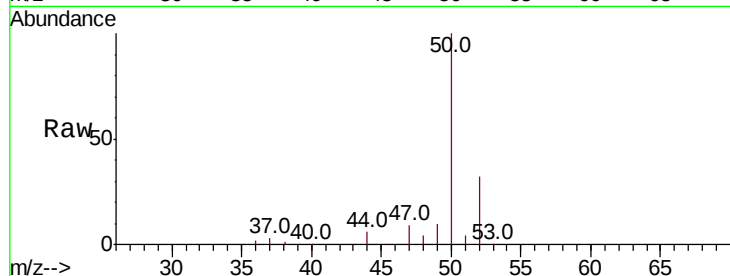
VN0924WBSD02

Tot Ion: 50 Resp: 60702

Ion Ratio Lower Upper

50 100

52 31.6 25.9 38.9



#4

Vinyl Chloride

Concen: 18.779 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN063650.D

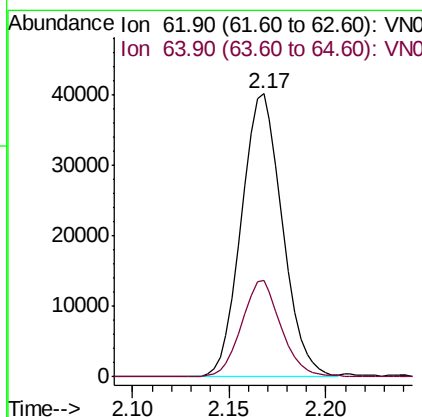
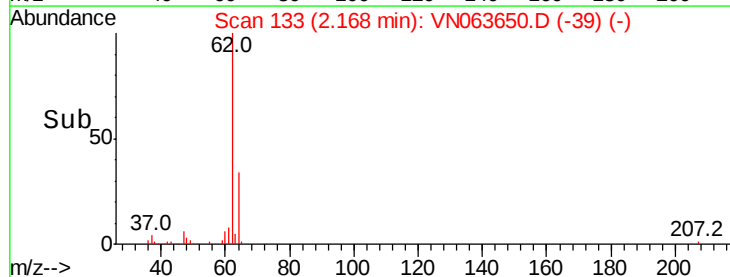
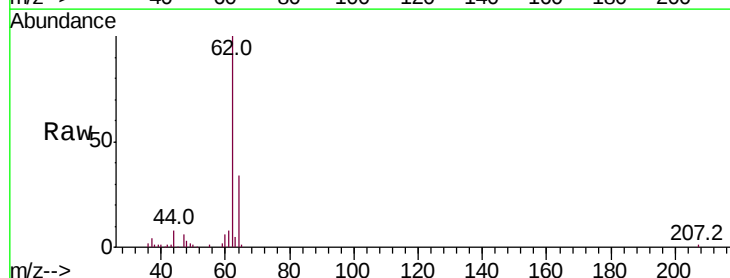
Acq: 25 Sep 2020 1:02

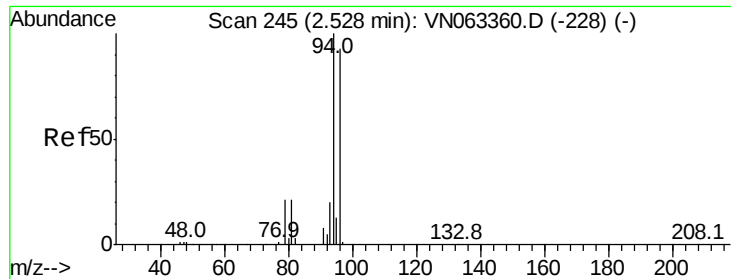
Tgt Ion: 62 Resp: 59265

Ion Ratio Lower Upper

62 100

64 33.9 25.1 37.7





#5

Bromomethane

Concen: 21.321 ug/l

RT: 2.54 min Scan# 248

Delta R.T. 0.01 min

Lab File: VN063650.D

Acq: 25 Sep 2020 1:02

Instrument :

MSVOA_N

ClientSampleId :

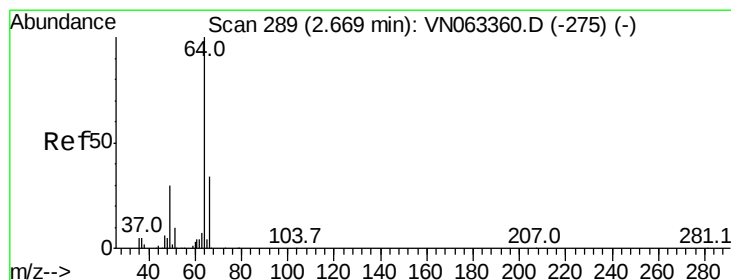
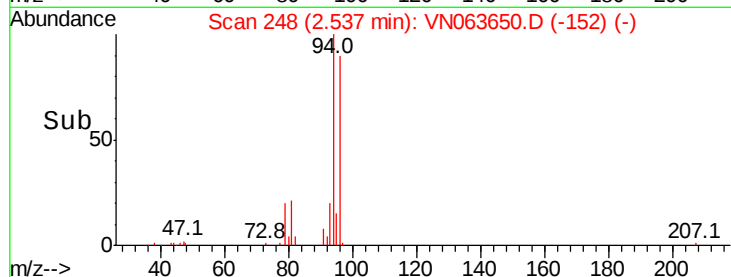
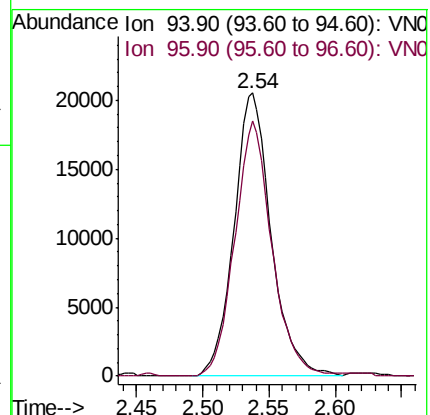
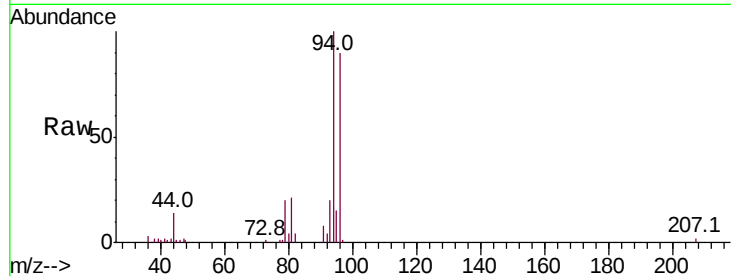
VN0924WBSD02

Tot Ion: 94 Resp: 39951

Ion Ratio Lower Upper

94 100

96 90.2 74.5 111.7



#6

Chloroethane

Concen: 20.248 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.01 min

Lab File: VN063650.D

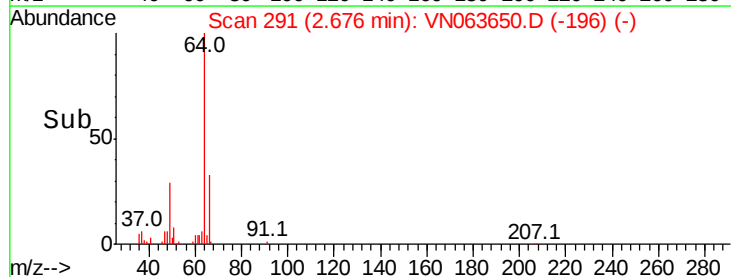
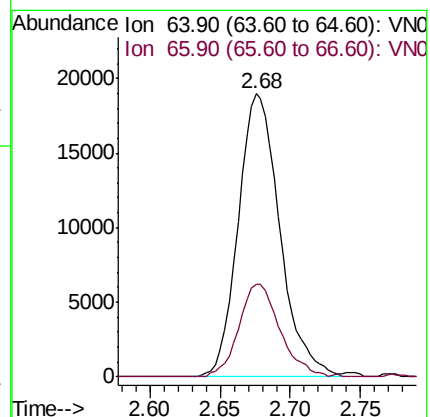
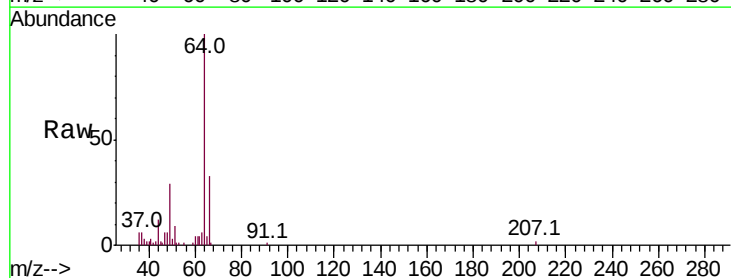
Acq: 25 Sep 2020 1:02

Tgt Ion: 64 Resp: 39225

Ion Ratio Lower Upper

64 100

66 32.9 26.9 40.3





#7

Trichlorofluoromethane

Concen: 20.118 ug/l

RT: 2.99 min Scan# 388

Delta R.T. 0.00 min

Lab File: VN063650.D

Acq: 25 Sep 2020 1:02

Instrument :

MSVOA_N

ClientSampleId :

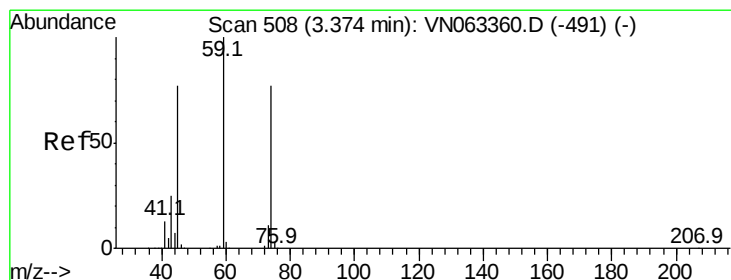
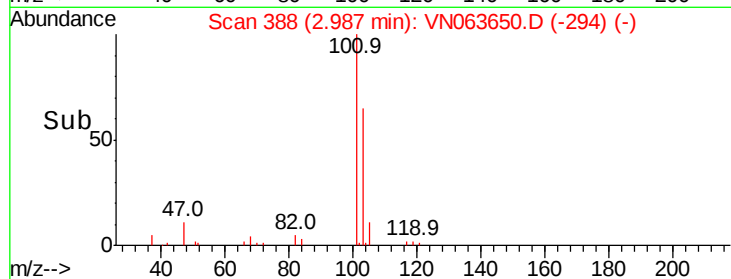
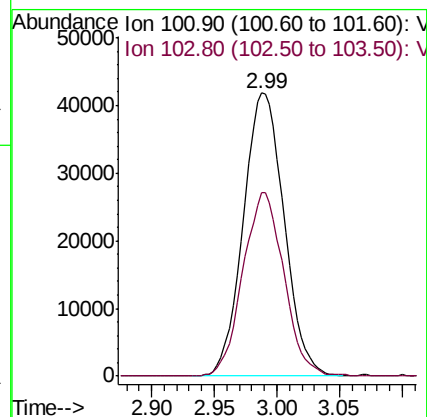
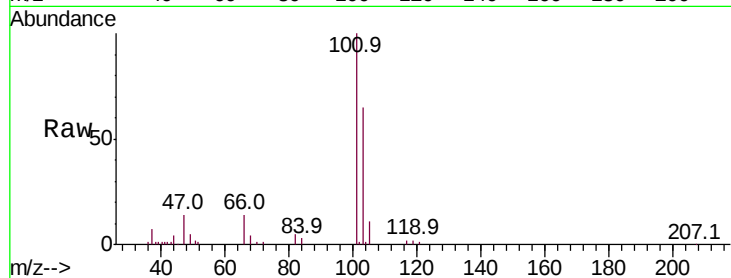
VN0924WBSD02

Tot Ion:101 Resp: 94725

Ion Ratio Lower Upper

101 100

103 64.7 52.3 78.5



#8

Diethyl Ether

Concen: 18.624 ug/l

RT: 3.37 min Scan# 508

Delta R.T. -0.00 min

Lab File: VN063650.D

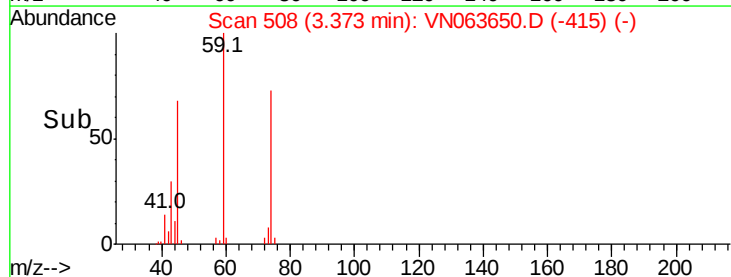
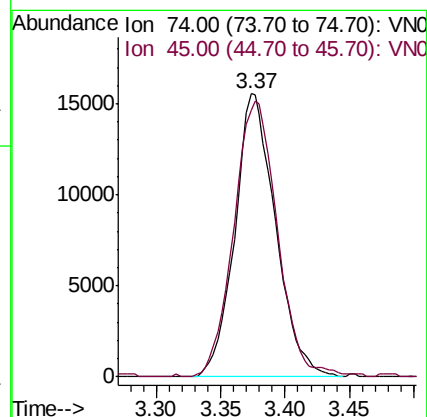
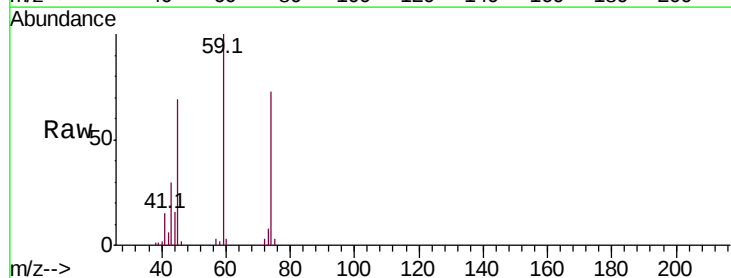
Acq: 25 Sep 2020 1:02

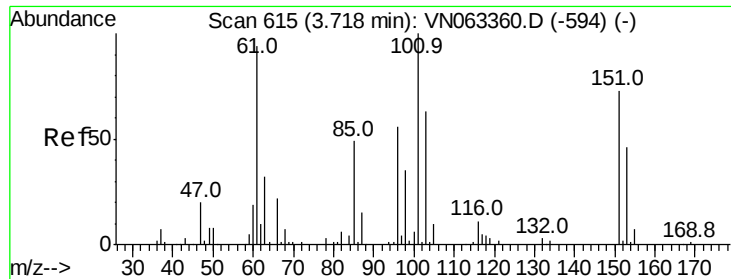
Tgt Ion: 74 Resp: 34185

Ion Ratio Lower Upper

74 100

45 104.5 52.1 156.4

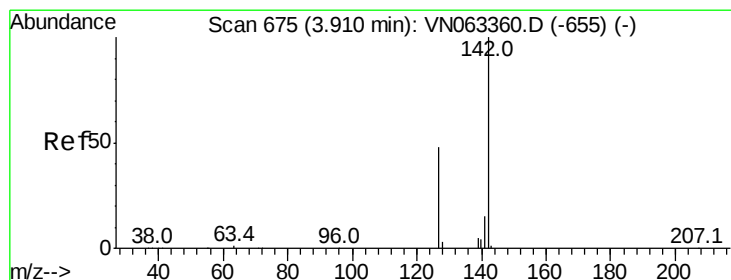
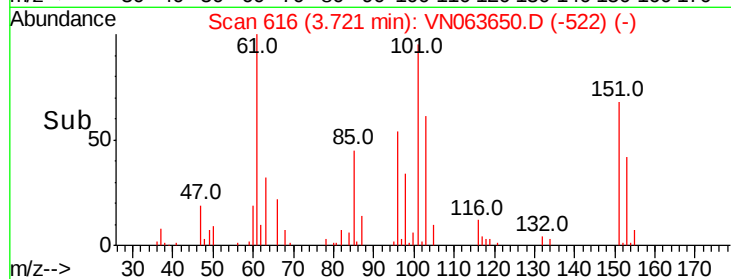
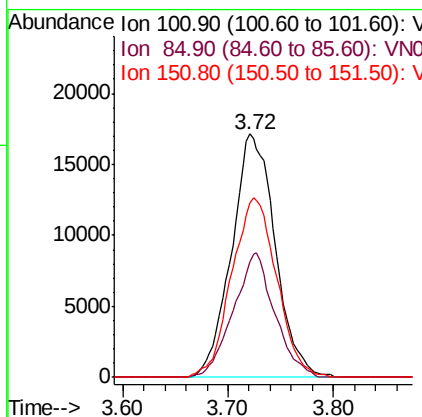
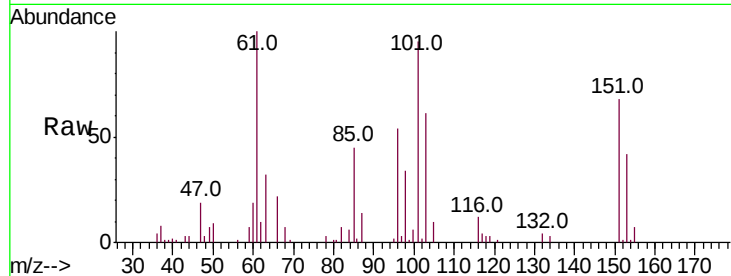




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 18.589 ug/l
 RT: 3.72 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: VN063650.D
 Acq: 25 Sep 2020 1:02

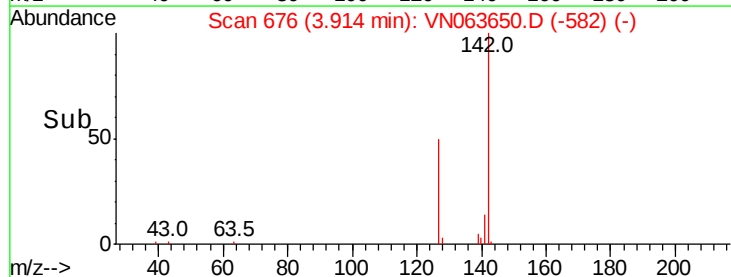
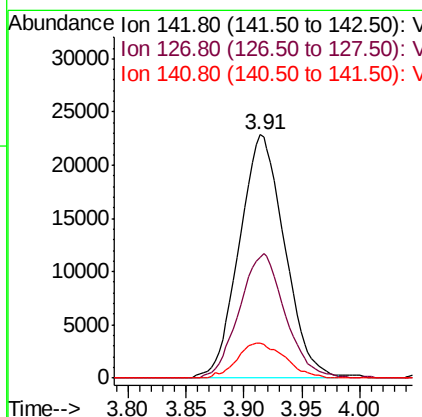
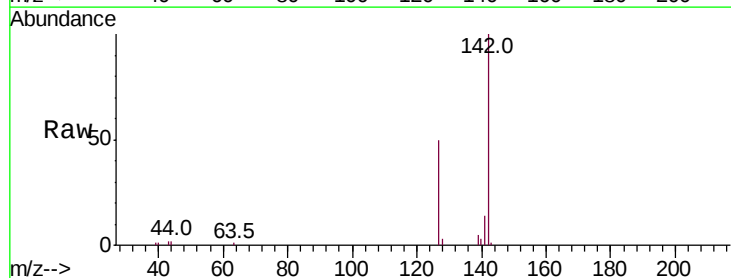
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBSD02

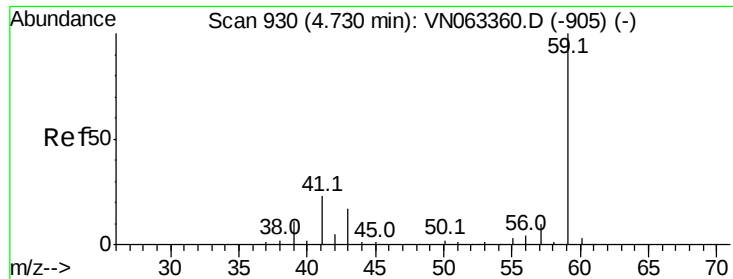
Tot Ion:101 Resp: 49223
 Ion Ratio Lower Upper
 101 100
 85 48.5 37.7 56.5
 151 76.1 57.7 86.5



#10
 Methyl Iodide
 Concen: 18.044 ug/l
 RT: 3.91 min Scan# 676
 Delta R.T. 0.00 min
 Lab File: VN063650.D
 Acq: 25 Sep 2020 1:02

Tgt Ion:142 Resp: 62208
 Ion Ratio Lower Upper
 142 100
 127 51.7 39.0 58.6
 141 15.1 11.6 17.4

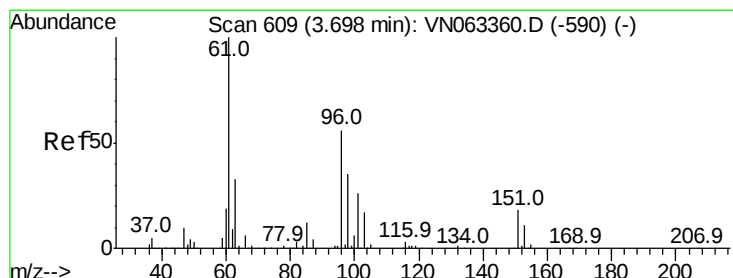
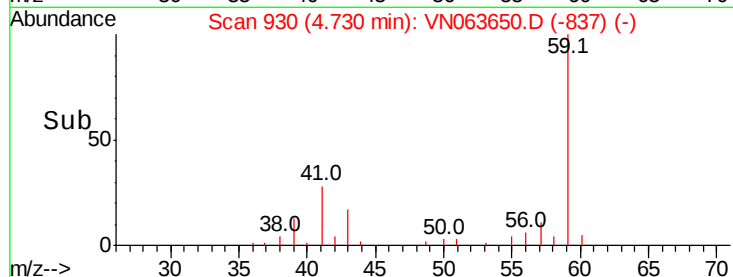
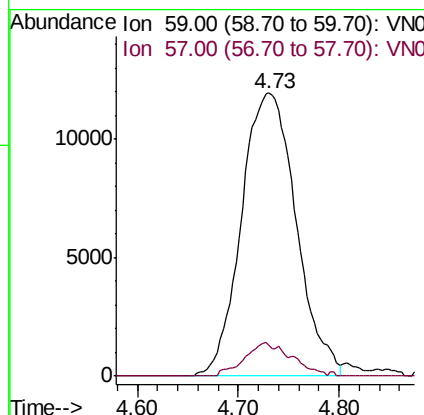
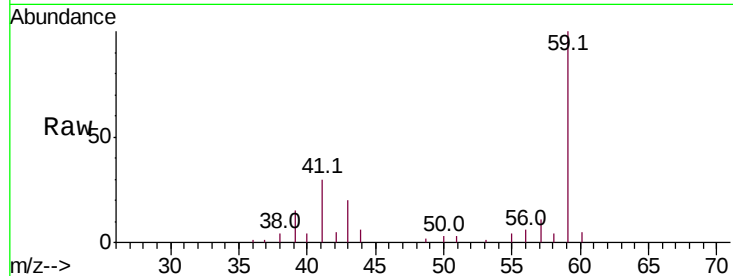




#11
Tert butyl alcohol
Concen: 80.272 ug/l
RT: 4.73 min Scan# 930
Delta R.T. -0.00 min
Lab File: VN063650.D
Acq: 25 Sep 2020 1:02

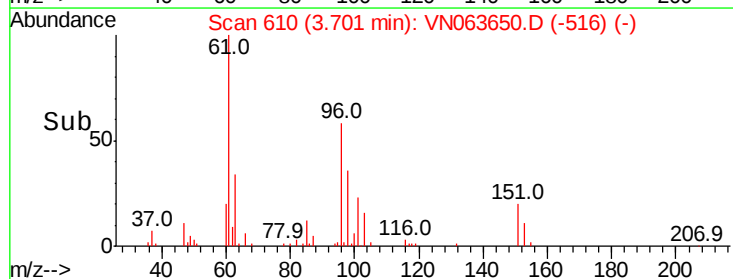
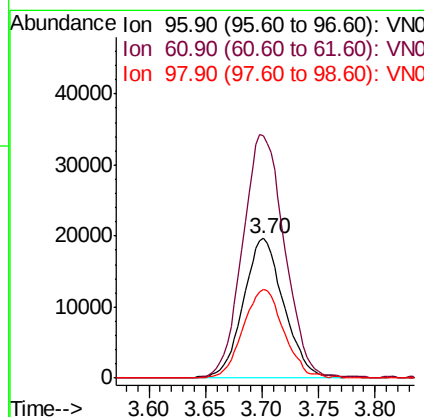
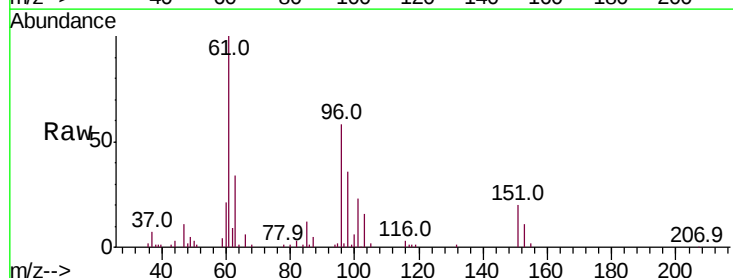
Instrument :
MSVOA_N
ClientSampleId :
VN0924WBSD02

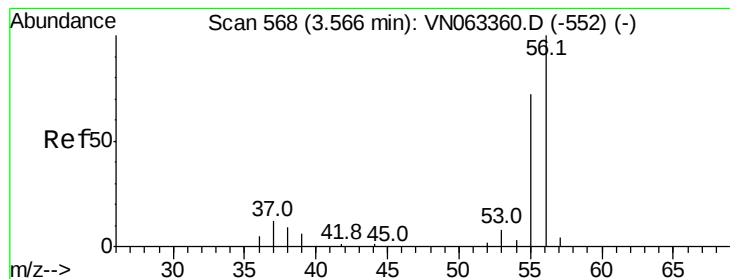
Tot Ion: 59 Resp: 44991
Ion Ratio Lower Upper
59 100
57 10.1 8.4 12.6



#12
1,1-Dichloroethene
Concen: 18.256 ug/l
RT: 3.70 min Scan# 610
Delta R.T. 0.00 min
Lab File: VN063650.D
Acq: 25 Sep 2020 1:02

Tgt Ion: 96 Resp: 48963
Ion Ratio Lower Upper
96 100
61 173.4 143.4 215.2
98 63.3 50.6 76.0





#13

Acrolein

Concen: 77.311 ug/l

RT: 3.57 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN063650.D

Acq: 25 Sep 2020 1:02

Instrument :

MSVOA_N

ClientSampleId :

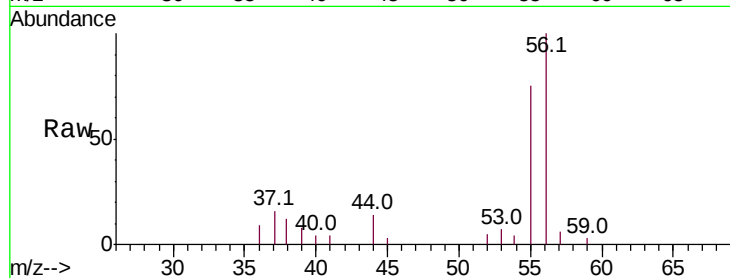
VN0924WBSD02

Tot Ion: 56 Resp: 16058

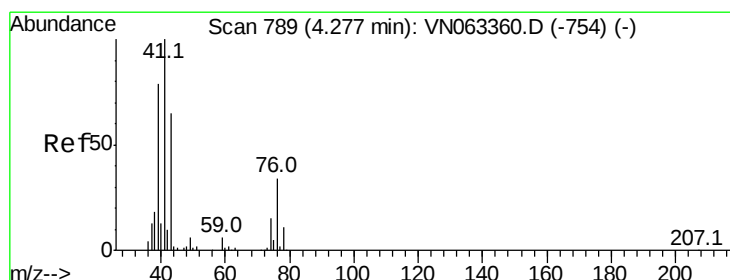
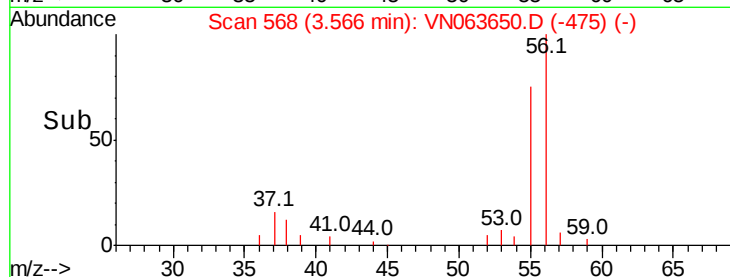
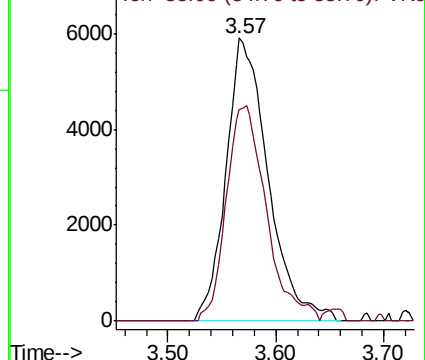
Ion Ratio Lower Upper

56 100

55 72.2 58.2 87.2



Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 55.00 (54.70 to 55.70): VNO



#14

Allyl chloride

Concen: 15.725 ug/l

RT: 4.28 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN063650.D

Acq: 25 Sep 2020 1:02

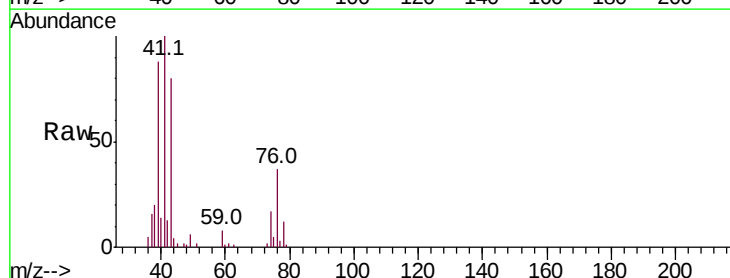
Tgt Ion: 41 Resp: 83426

Ion Ratio Lower Upper

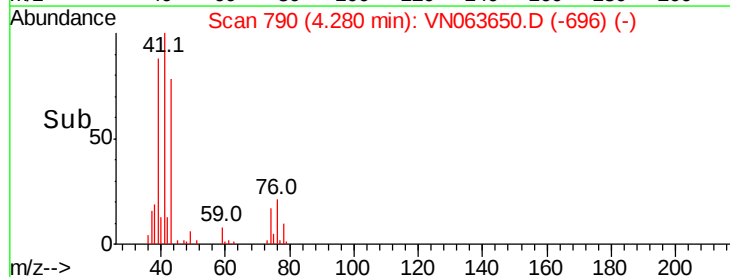
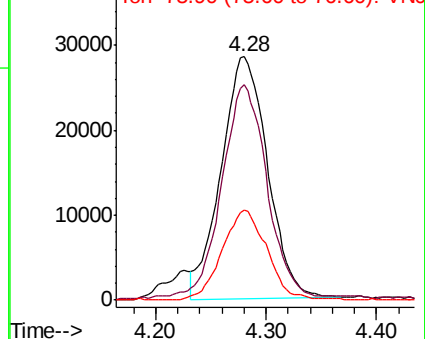
41 100

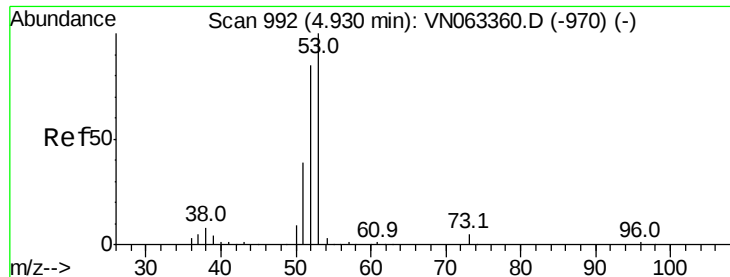
39 88.4 59.3 88.9

76 35.5 25.3 37.9



Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 75.90 (75.60 to 76.60): VNO





#15

Acrylonitrile

Concen: 93.207 ug/l

RT: 4.93 min Scan# 993

Delta R.T. 0.00 min

Lab File: VN063650.D

Acq: 25 Sep 2020 1:02

Instrument :

MSVOA_N

ClientSampled :

VN0924WBSD02

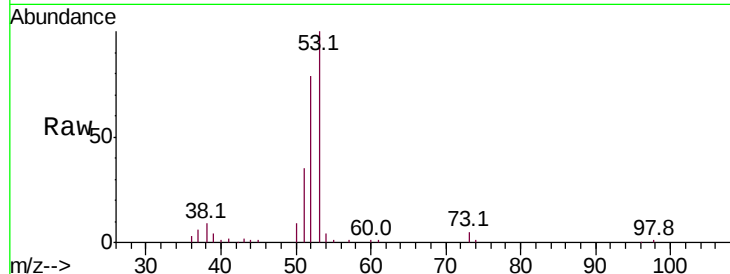
Tot Ion: 53 Resp: 132883

Ion Ratio Lower Upper

53 100

52 82.8 66.4 99.6

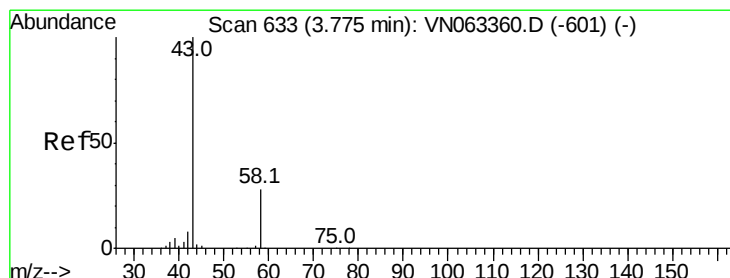
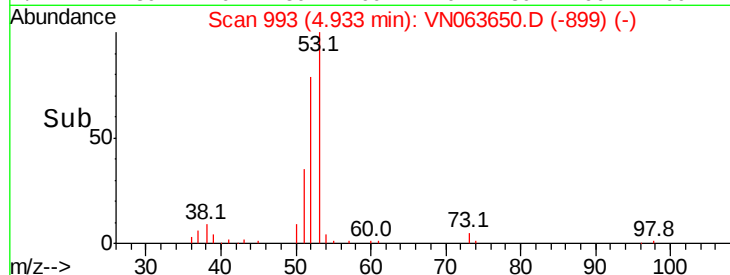
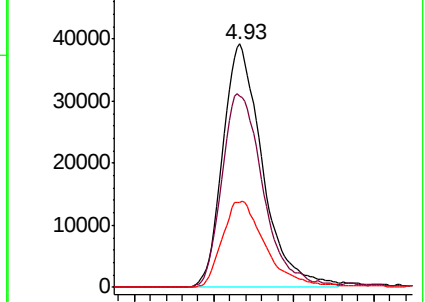
51 38.1 30.2 45.4



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 96.246 ug/l

RT: 3.78 min Scan# 633

Delta R.T. -0.00 min

Lab File: VN063650.D

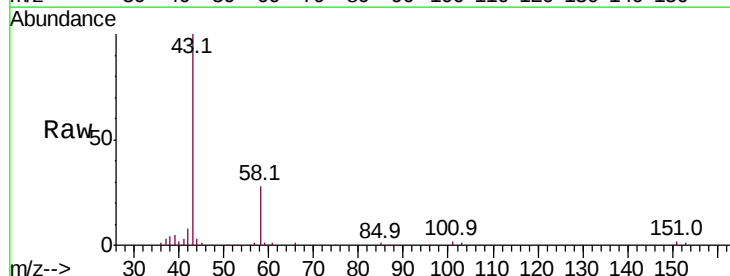
Acq: 25 Sep 2020 1:02

Tgt Ion: 43 Resp: 125142

Ion Ratio Lower Upper

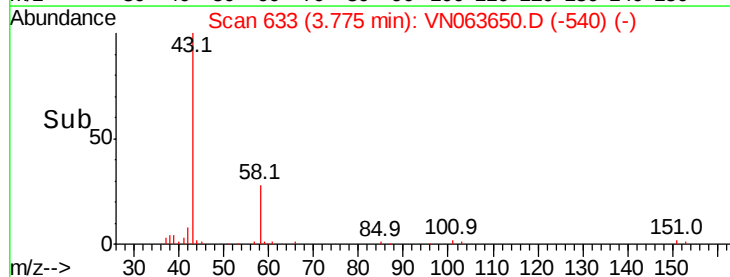
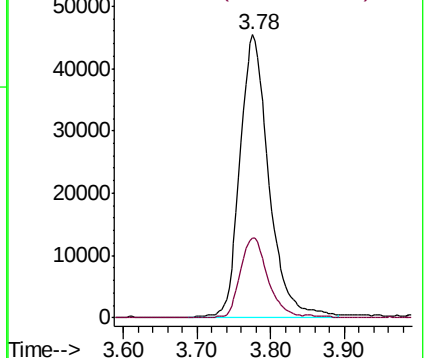
43 100

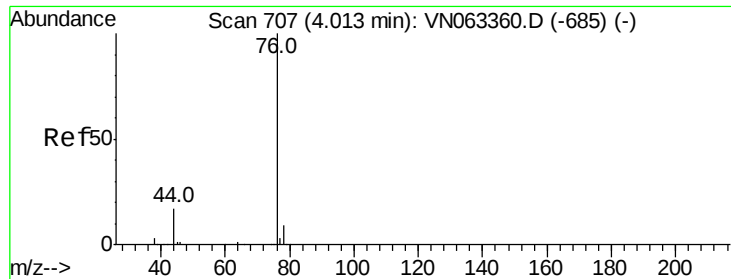
58 28.1 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

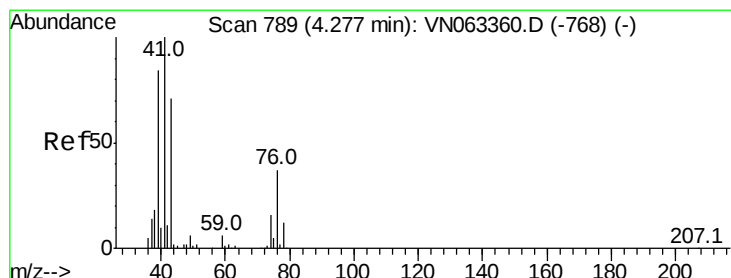
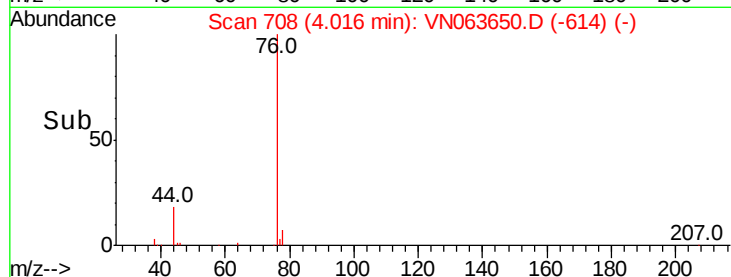
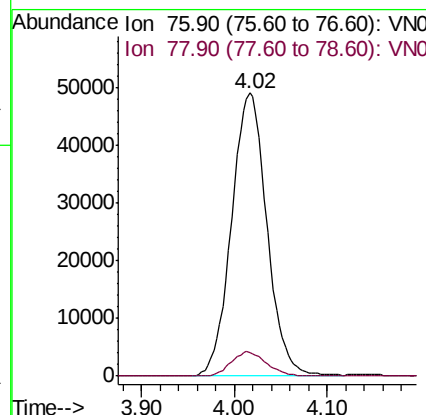
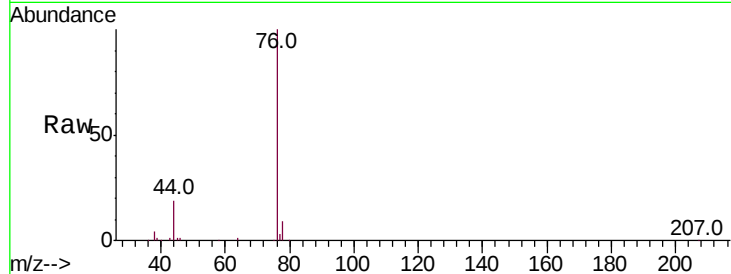




#17
Carbon Disulfide
Concen: 16.641 ug/l
RT: 4.02 min Scan# 708
Delta R.T. 0.00 min
Lab File: VN063650.D
Acq: 25 Sep 2020 1:02

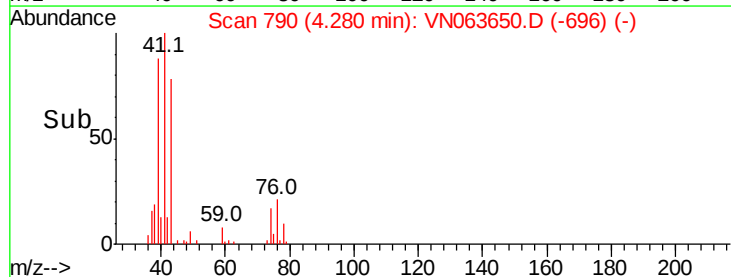
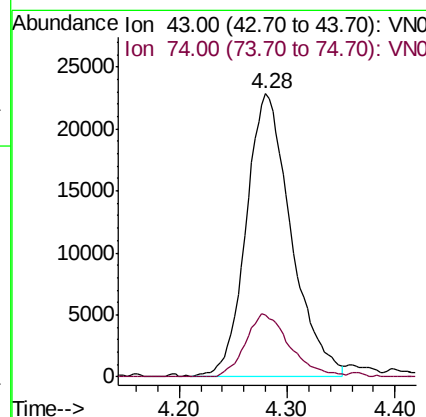
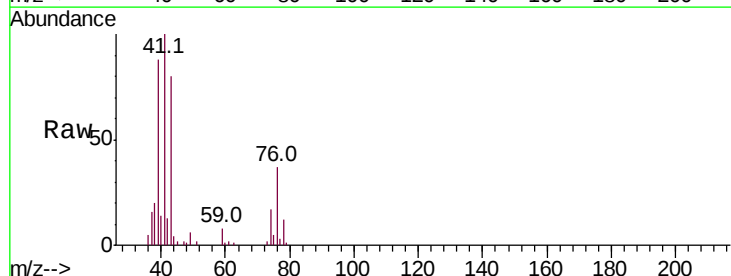
Instrument :
MSVOA_N
ClientSampled :
VN0924WBSD02

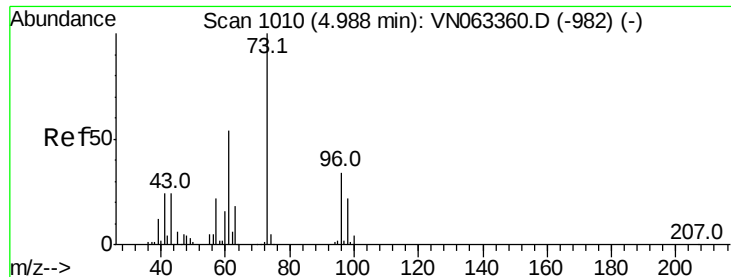
Tot Ion: 76 Resp: 129826
Ion Ratio Lower Upper
76 100
78 8.5 7.2 10.8



#18
Methyl Acetate
Concen: 20.096 ug/l
RT: 4.28 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN063650.D
Acq: 25 Sep 2020 1:02

Tgt Ion: 43 Resp: 66333
Ion Ratio Lower Upper
43 100
74 21.8 17.4 26.2





#19

Methyl tert-butyl Ether

Concen: 18.218 ug/l

RT: 4.99 min Scan# 1012

Delta R.T. 0.01 min

Lab File: VN063650.D

Acq: 25 Sep 2020 1:02

Instrument :

MSVOA_N

ClientSampleId :

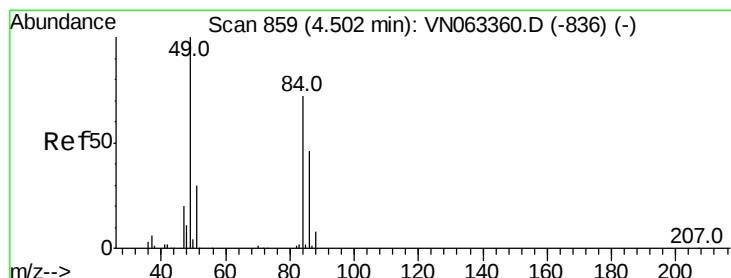
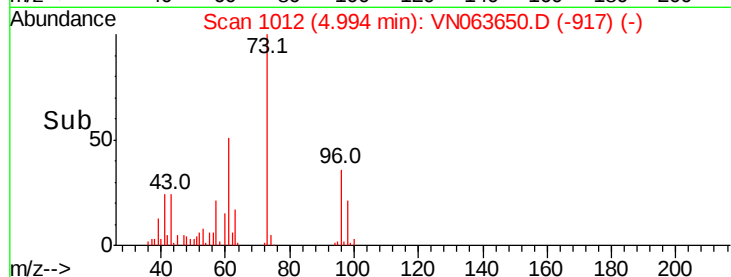
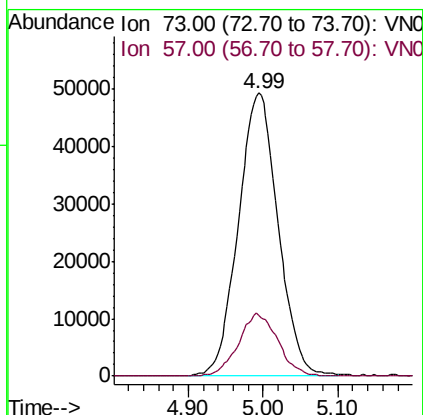
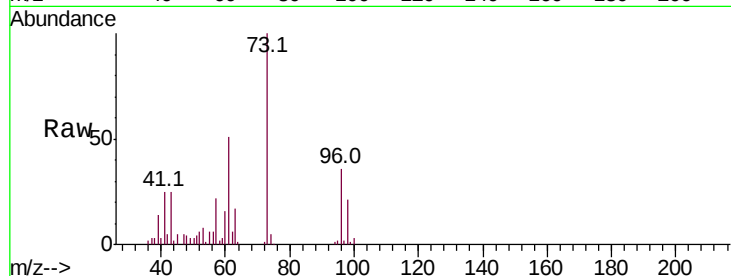
VN0924WBSD02

Tot Ion: 73 Resp: 182110

Ion Ratio Lower Upper

73 100

57 21.6 17.9 26.9



#20

Methylene Chloride

Concen: 18.886 ug/l

RT: 4.51 min Scan# 862

Delta R.T. 0.01 min

Lab File: VN063650.D

Acq: 25 Sep 2020 1:02

Tgt Ion: 84 Resp: 62217

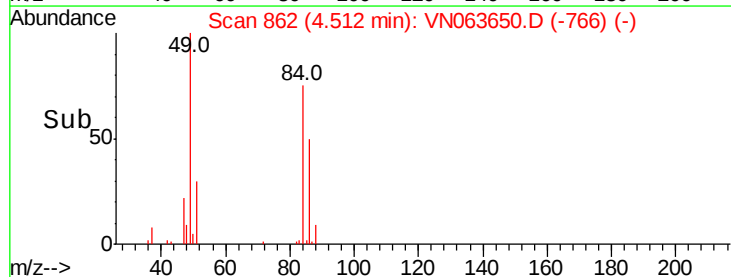
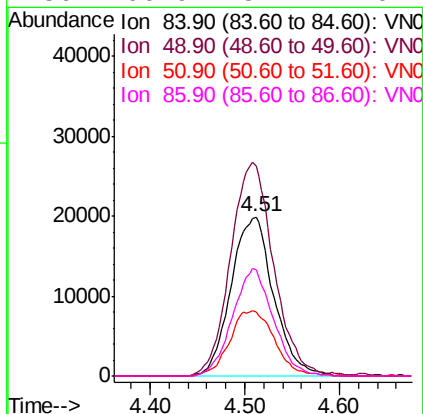
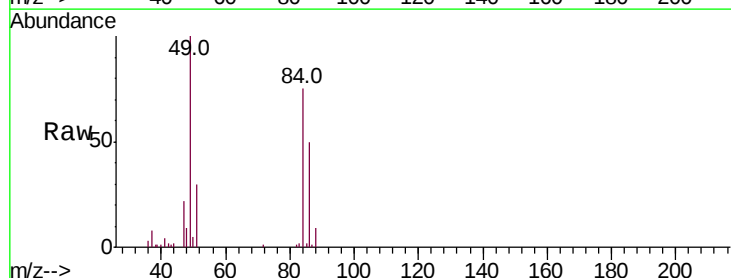
Ion Ratio Lower Upper

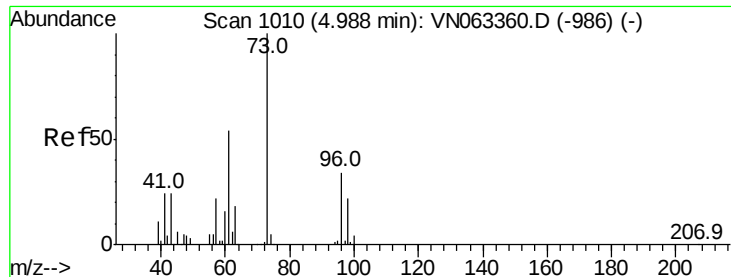
84 100

49 132.5 110.7 166.1

51 40.4 32.9 49.3

86 66.9 51.1 76.7

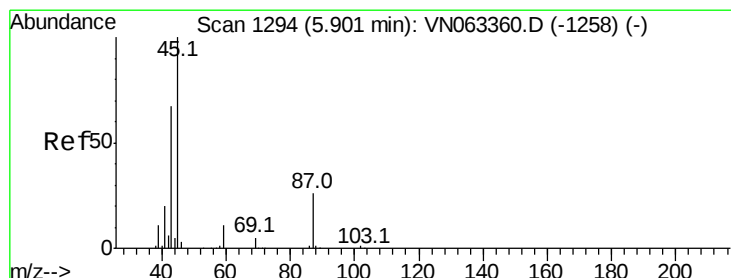
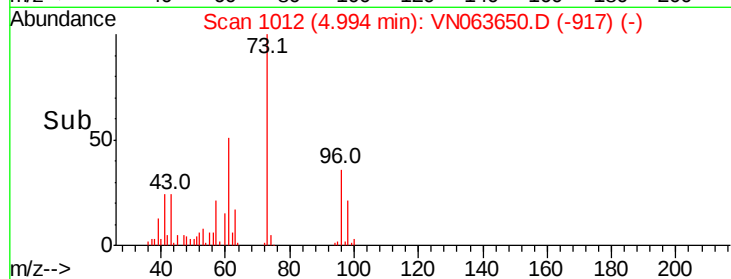
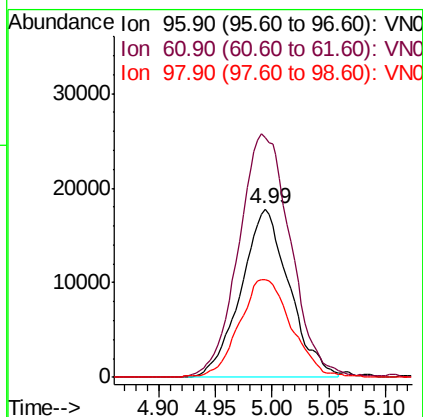
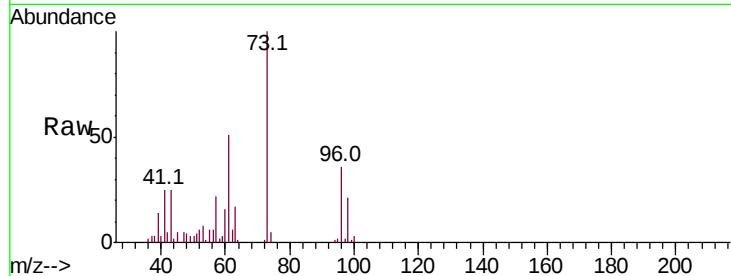




#21
trans-1,2-Dichloroethene
Concen: 17.830 ug/l
RT: 4.99 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VN063650.D
Acq: 25 Sep 2020 1:02

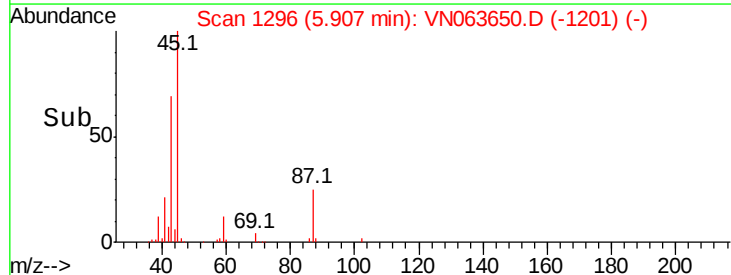
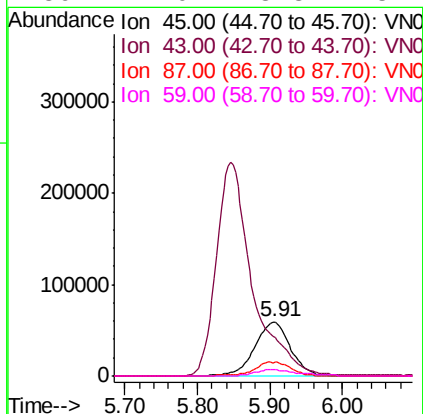
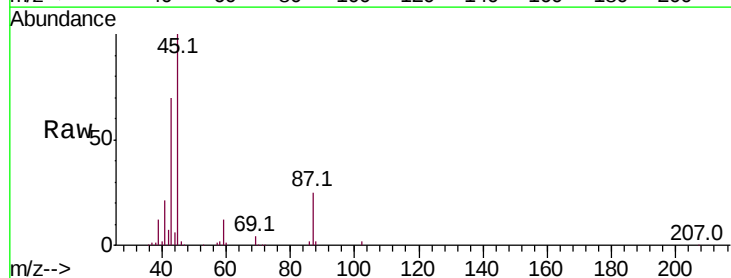
Instrument :
MSVOA_N
ClientSampleId :
VN0924WBSD02

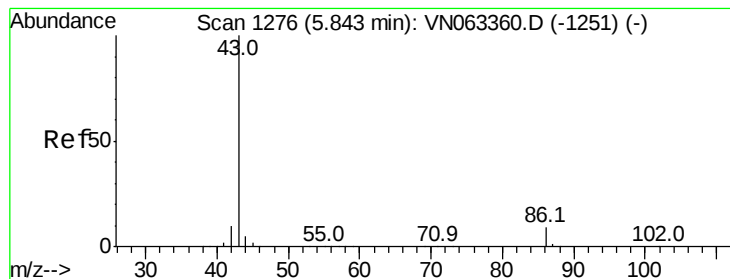
Tot Ion: 96 Resp: 52983
Ion Ratio Lower Upper
96 100
61 141.3 126.2 189.4
98 56.6 51.0 76.4



#22
Diisopropyl ether
Concen: 18.728 ug/l
RT: 5.91 min Scan# 1296
Delta R.T. 0.01 min
Lab File: VN063650.D
Acq: 25 Sep 2020 1:02

Tgt Ion: 45 Resp: 202638
Ion Ratio Lower Upper
45 100
43 68.2 53.5 80.3
87 24.5 21.2 31.8
59 11.0 8.8 13.2





#23

Vinyl Acetate

Concen: 91.209 ug/l

RT: 5.85 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VN063650.D

Acq: 25 Sep 2020 1:02

Instrument :

MSVOA_N

ClientSampled :

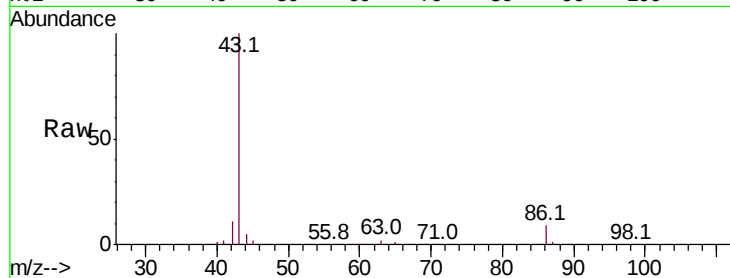
VN0924WBSD02

Tot Ion: 43 Resp: 810479

Ion Ratio Lower Upper

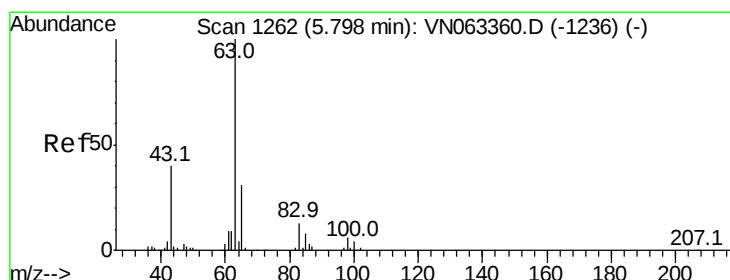
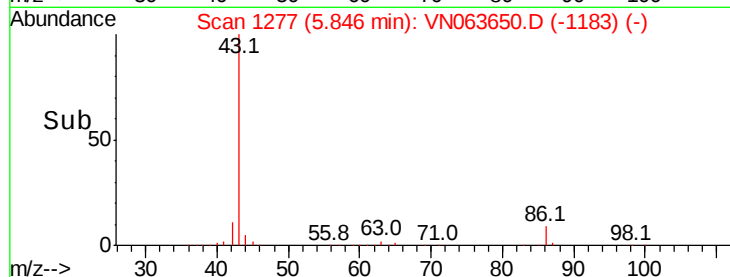
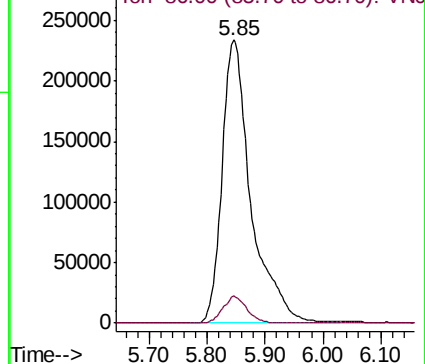
43 100

86 9.5 7.1 10.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 18.909 ug/l

RT: 5.80 min Scan# 1263

Delta R.T. 0.00 min

Lab File: VN063650.D

Acq: 25 Sep 2020 1:02

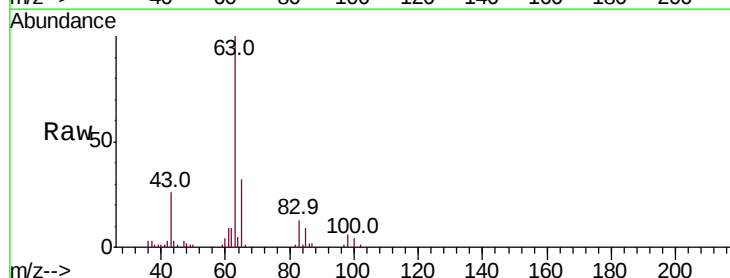
Tgt Ion: 63 Resp: 111697

Ion Ratio Lower Upper

63 100

98 6.4 2.9 8.8

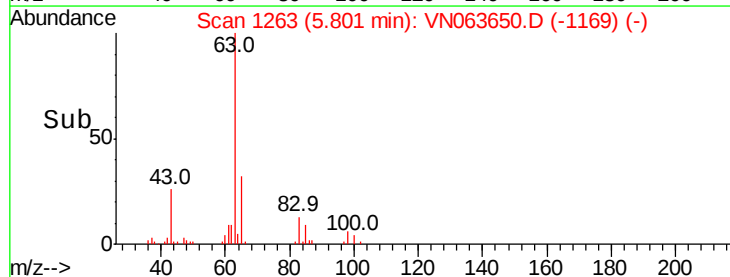
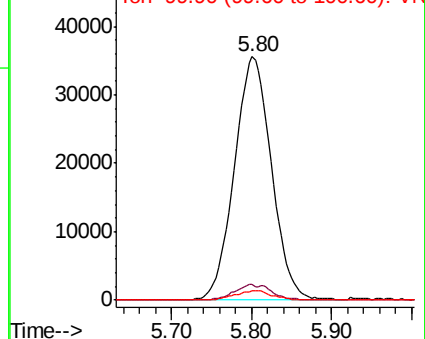
100 3.6 2.1 6.3

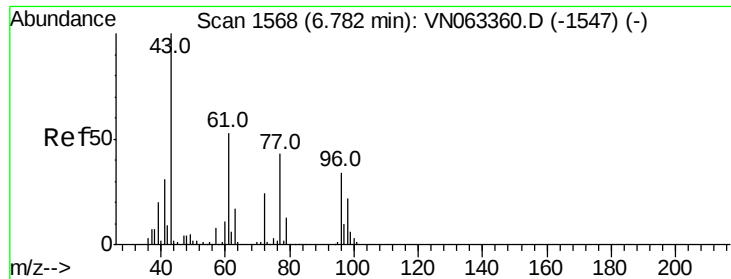


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

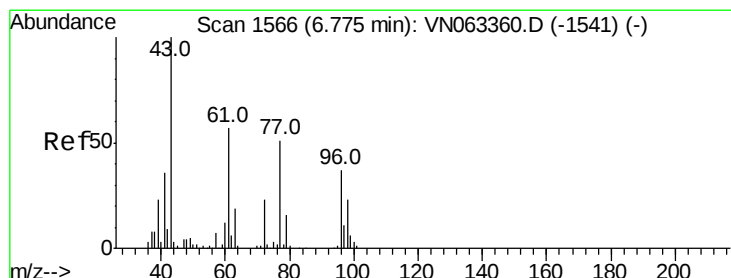
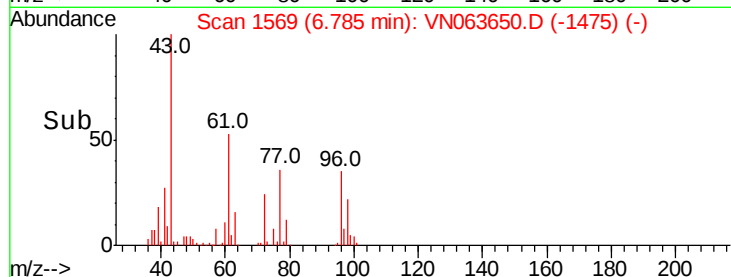
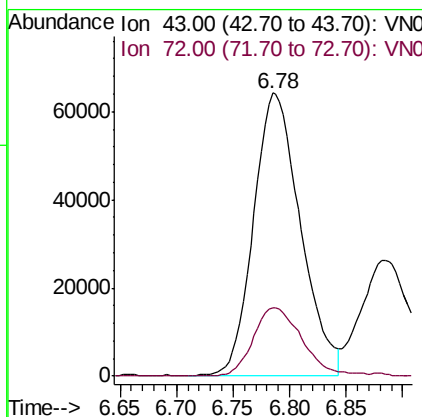
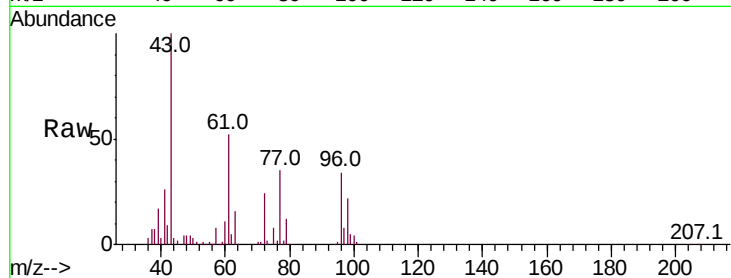




#25
2-Butanone
Concen: 92.596 ug/l
RT: 6.78 min Scan# 1569
Delta R.T. 0.00 min
Lab File: VN063650.D
Acq: 25 Sep 2020 1:02

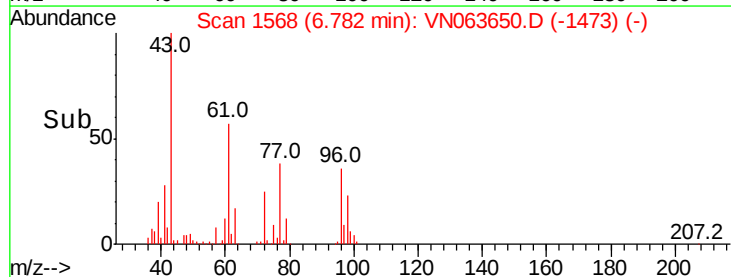
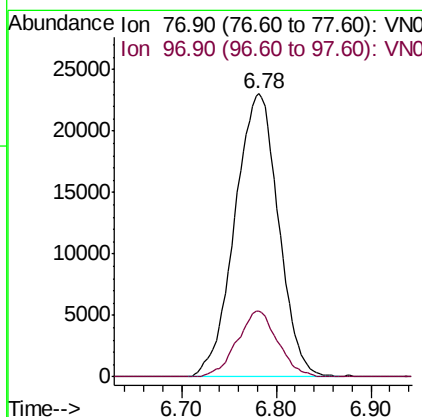
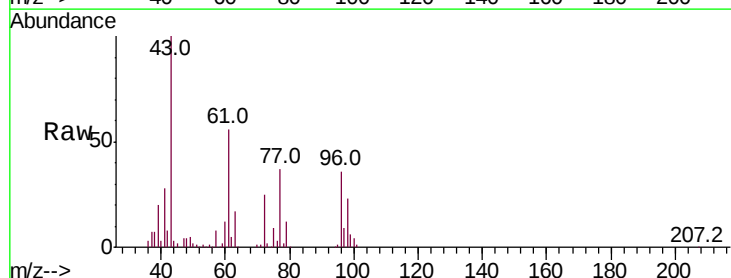
Instrument :
MSVOA_N
ClientSampled :
VN0924WBSD02

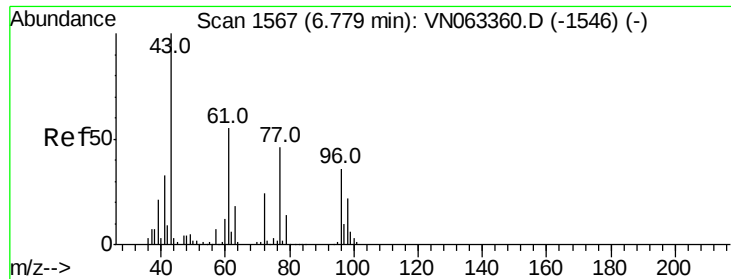
Tot Ion: 43 Resp: 185168
Ion Ratio Lower Upper
43 100
72 24.2 19.2 28.8



#26
2,2-Dichloropropane
Concen: 14.235 ug/l
RT: 6.78 min Scan# 1568
Delta R.T. 0.01 min
Lab File: VN063650.D
Acq: 25 Sep 2020 1:02

Tgt Ion: 77 Resp: 74034
Ion Ratio Lower Upper
77 100
97 21.6 10.5 31.6





#27

cis-1,2-Dichloroethene

Concen: 18.946 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN063650.D

Acq: 25 Sep 2020 1:02

Instrument :

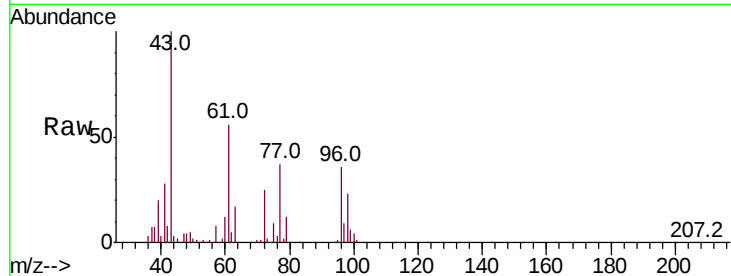
MSVOA_N

ClientSampleId :

VN0924WBSD02

Tot Ion: 96 Resp: 63724

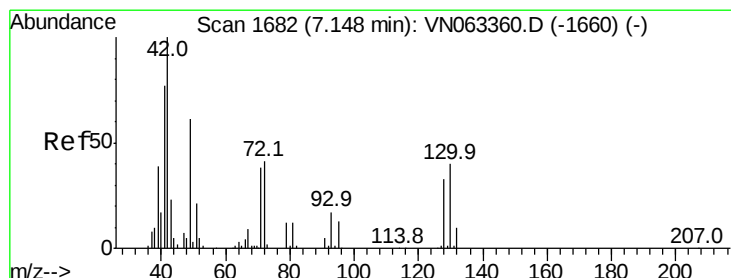
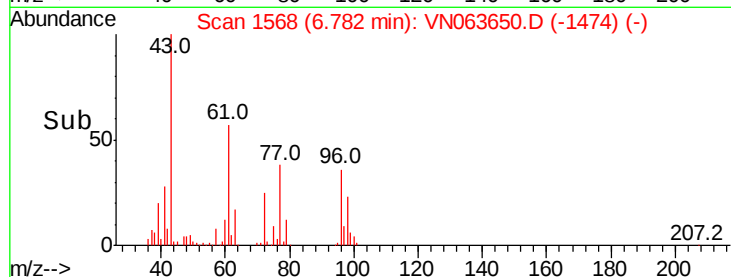
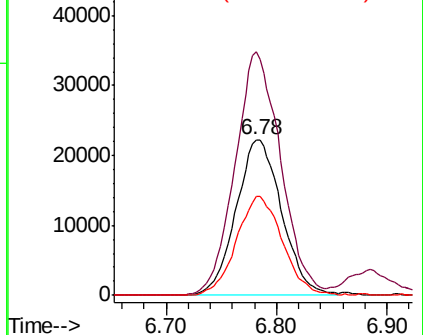
Ion	Ratio	Lower	Upper
96	100		
61	156.6	0.0	319.6
98	64.2	0.0	127.8



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 19.852 ug/l

RT: 7.15 min Scan# 1683

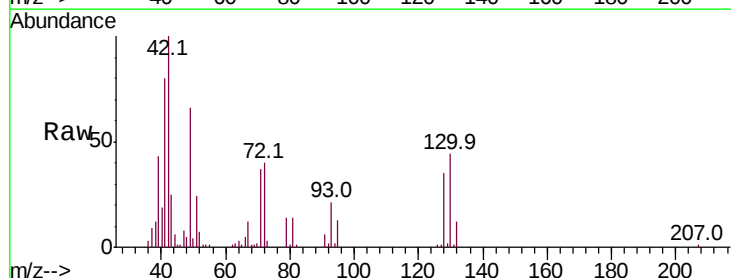
Delta R.T. 0.00 min

Lab File: VN063650.D

Acq: 25 Sep 2020 1:02

Tgt Ion: 49 Resp: 54145

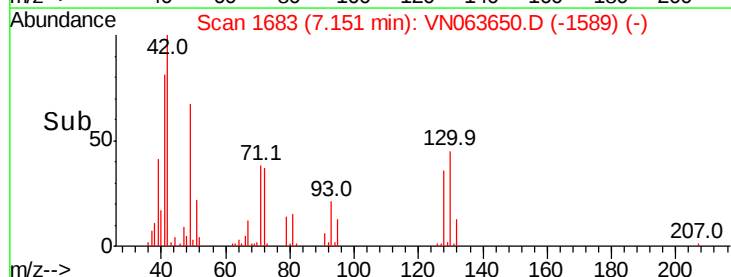
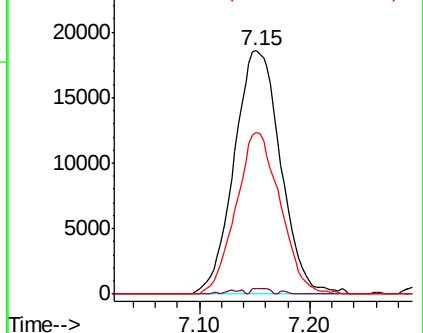
Ion	Ratio	Lower	Upper
49	100		
129	0.9	0.0	3.8
130	63.4	52.2	78.2

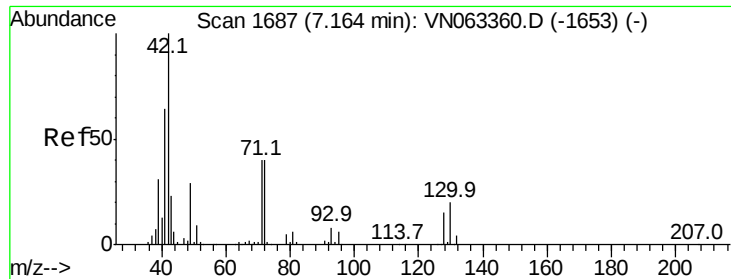


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

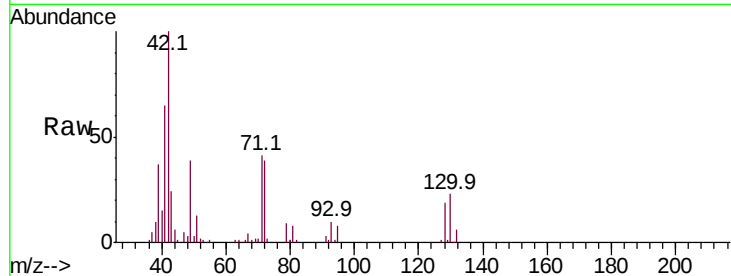




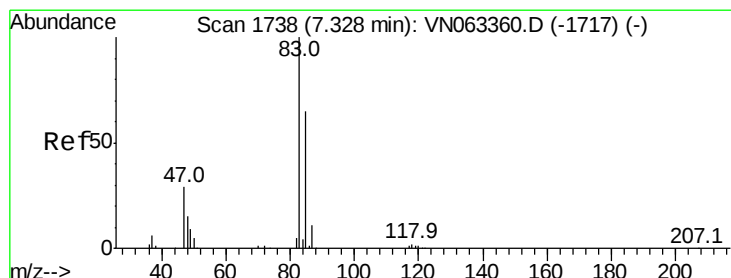
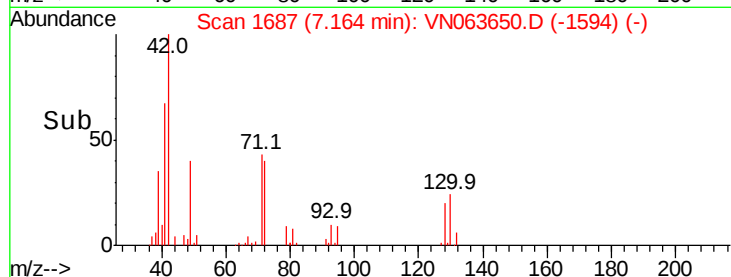
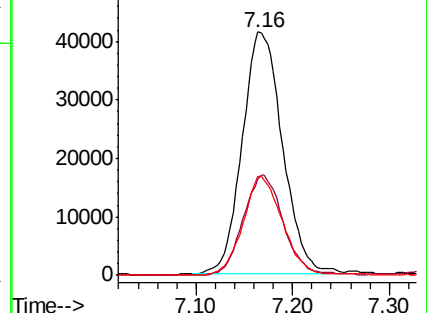
#29
Tetrahydrofuran
Concen: 88.210 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VN063650.D
Acq: 25 Sep 2020 1:02

Instrument :
MSVOA_N
ClientSampleId :
VN0924WBSD02

Tot Ion: 42 Resp: 120475
Ion Ratio Lower Upper
42 100
72 41.1 32.1 48.1
71 39.6 31.2 46.8

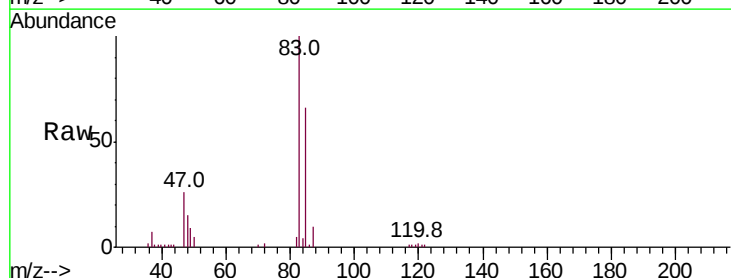


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

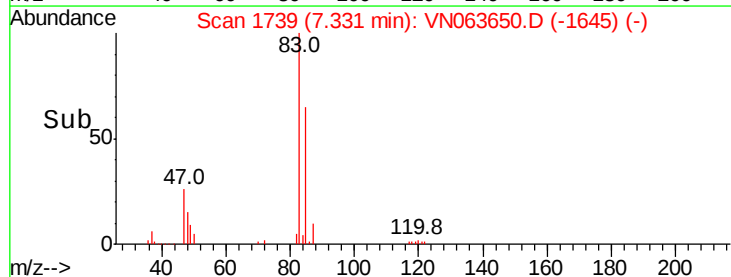
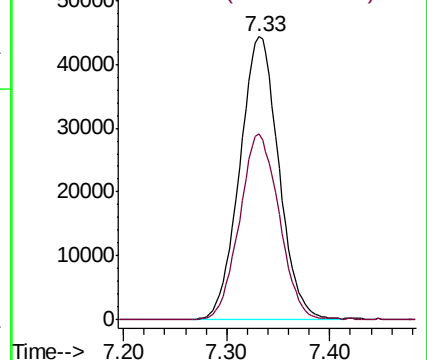


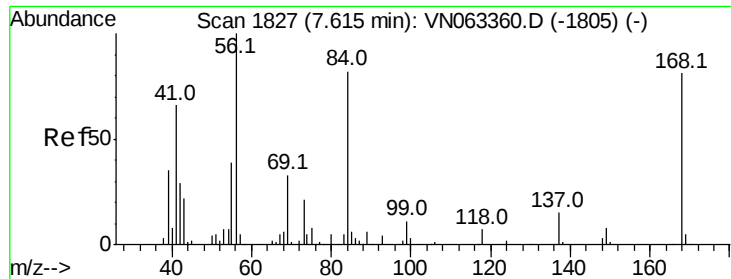
#30
Chloroform
Concen: 19.686 ug/l
RT: 7.33 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VN063650.D
Acq: 25 Sep 2020 1:02

Tgt Ion: 83 Resp: 116671
Ion Ratio Lower Upper
83 100
85 65.6 52.1 78.1



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

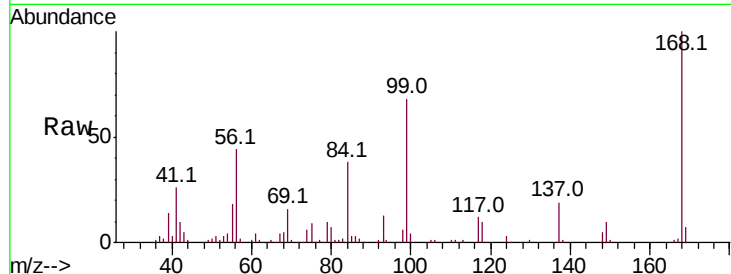




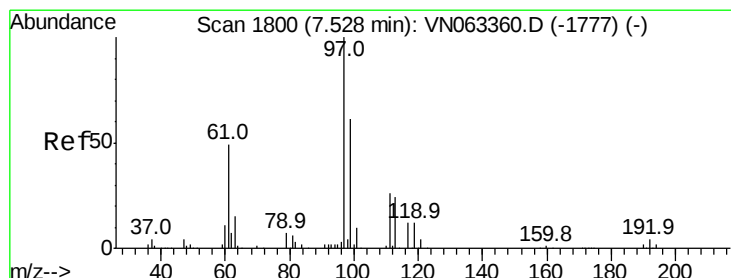
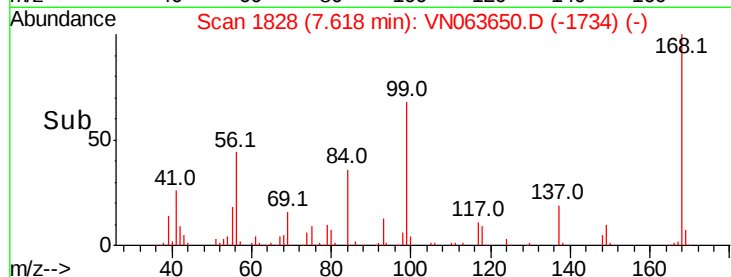
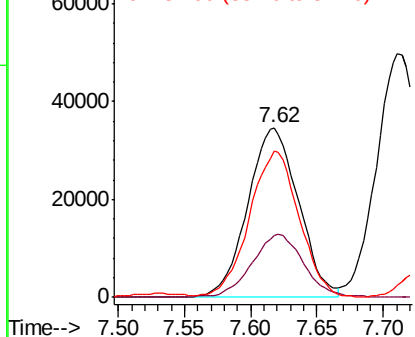
#31
Cyclohexane
Concen: 16.508 ug/l
RT: 7.62 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN063650.D
Acq: 25 Sep 2020 1:02

Instrument :
MSVOA_N
ClientSampled :
VN0924WBSD02

Tot Ion	Ratio	Lower	Upper
56	100		
69	36.7	26.1	39.1
84	84.7	65.4	98.2

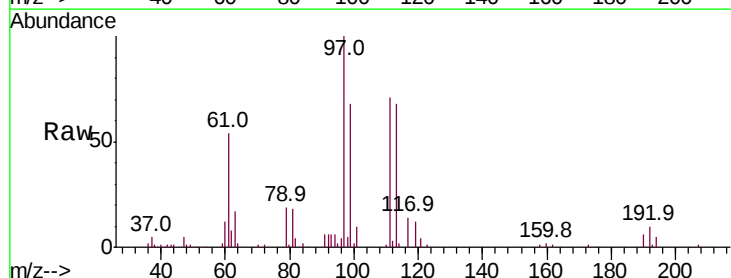


Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 84.00 (83.70 to 84.70): VNO

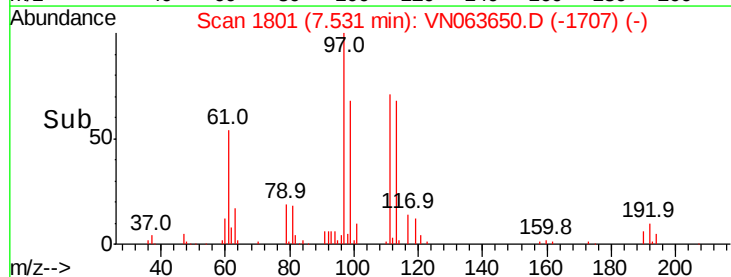
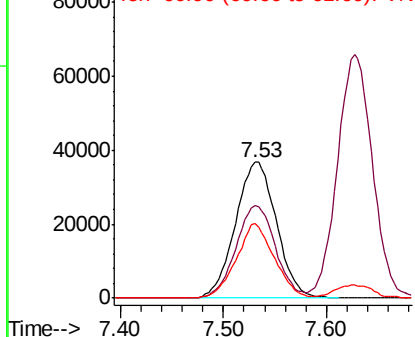


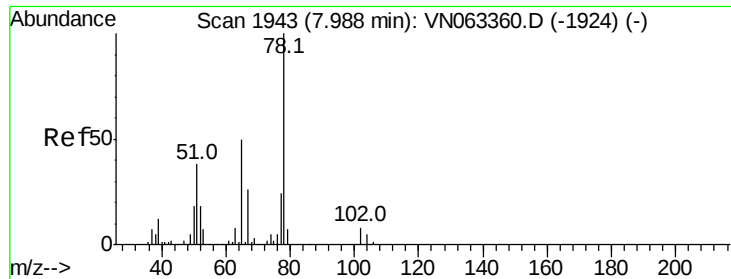
#32
1,1,1-Trichloroethane
Concen: 19.305 ug/l
RT: 7.53 min Scan# 1801
Delta R.T. 0.00 min
Lab File: VN063650.D
Acq: 25 Sep 2020 1:02

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.4	50.6	76.0
61	50.7	39.2	58.8



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





#33

1,2-Dichloroethane-d4

Concen: 47.866 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN063650.D

Acq: 25 Sep 2020 1:02

Instrument :

MSVOA_N

ClientSampleId :

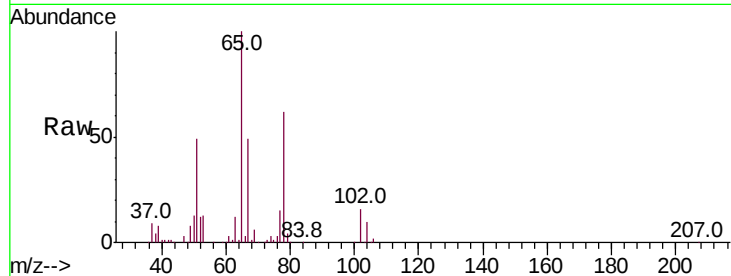
VN0924WBSD02

Tot Ion: 65 Resp: 193656

Ion Ratio Lower Upper

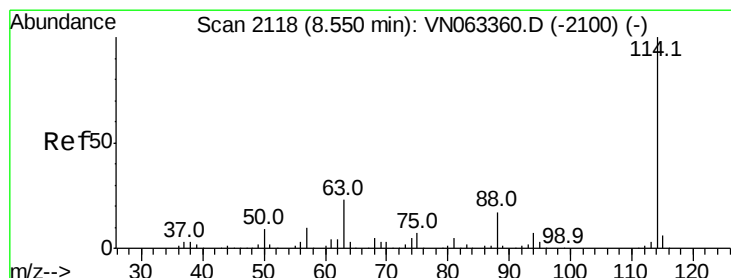
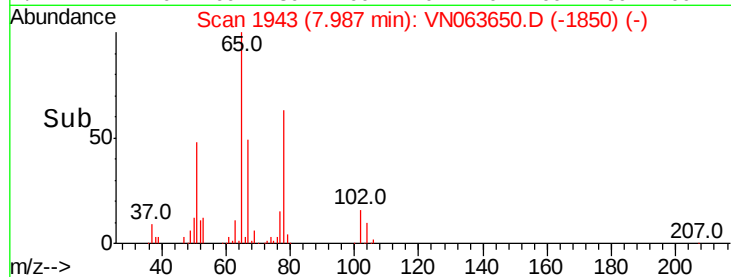
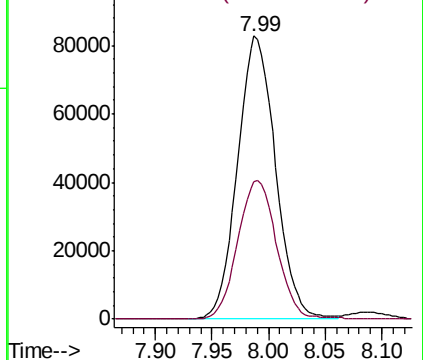
65 100

67 50.0 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN063650.D

Acq: 25 Sep 2020 1:02

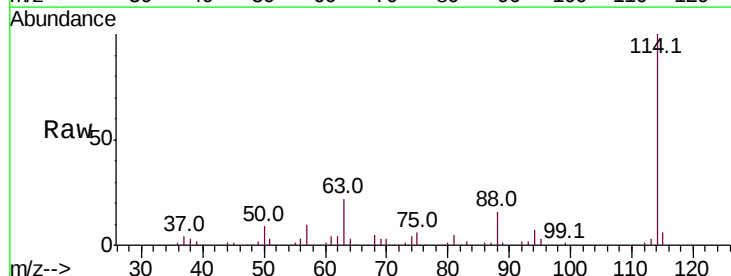
Tgt Ion: 114 Resp: 421935

Ion Ratio Lower Upper

114 100

63 22.4 0.0 46.4

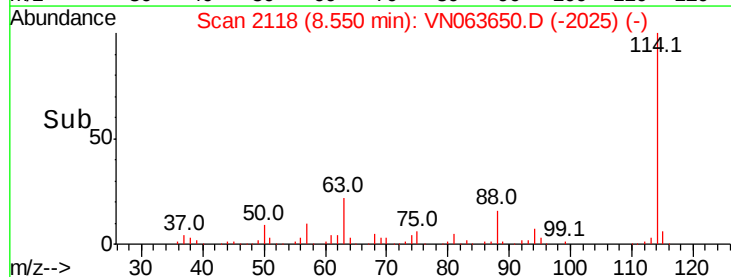
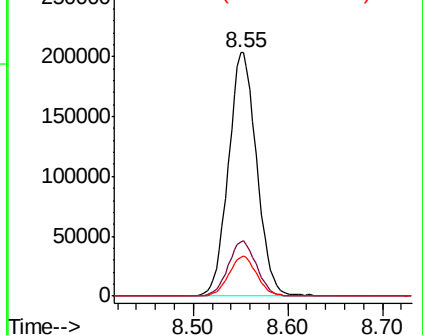
88 16.2 0.0 33.2

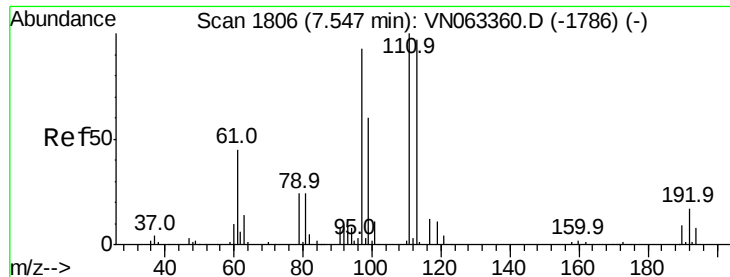


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

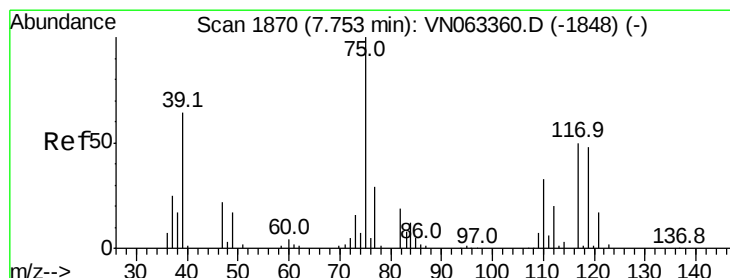
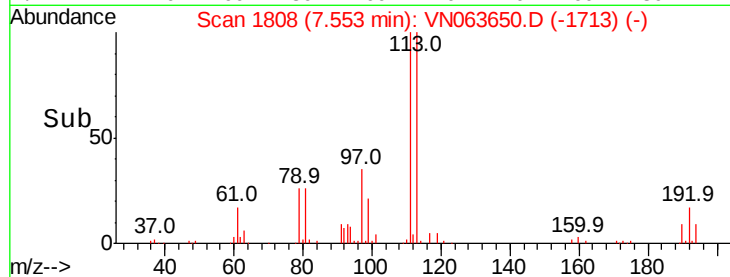
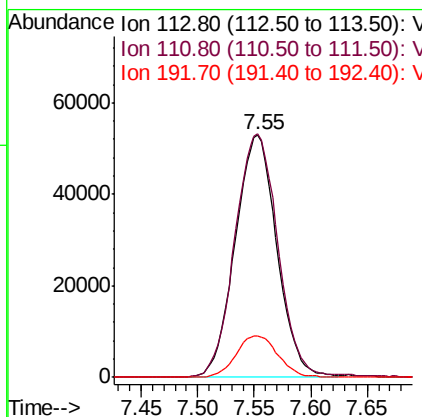
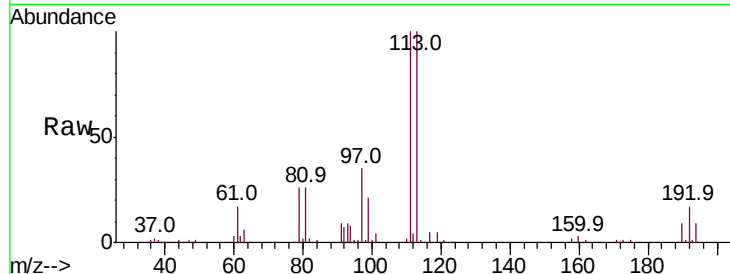




#35
 Dibromofluoromethane
 Concen: 46.454 ug/l
 RT: 7.55 min Scan# 1808
 Delta R.T. 0.01 min
 Lab File: VN063650.D
 Acq: 25 Sep 2020 1:02

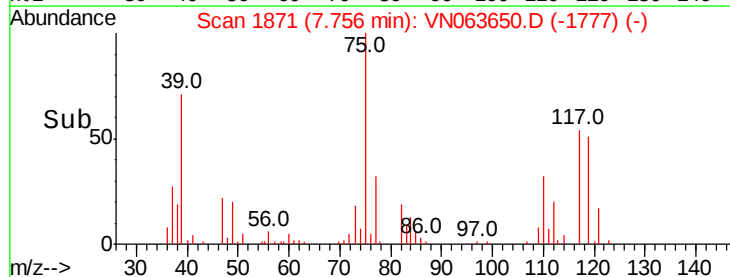
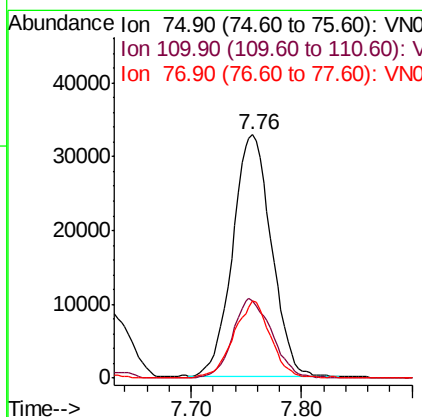
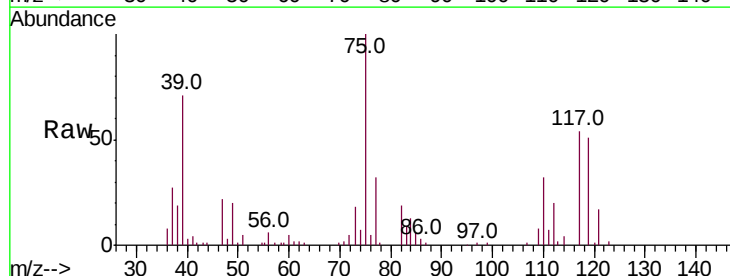
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBSD02

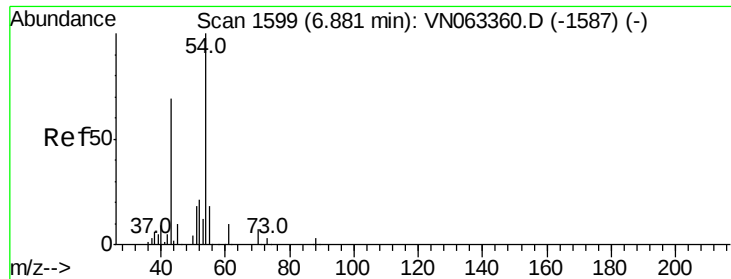
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.9	124.3
192	17.2	13.9	20.9



#36
 1,1-Dichloropropene
 Concen: 17.775 ug/l
 RT: 7.76 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: VN063650.D
 Acq: 25 Sep 2020 1:02

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.1	16.5	49.5
77	30.3	24.6	36.8

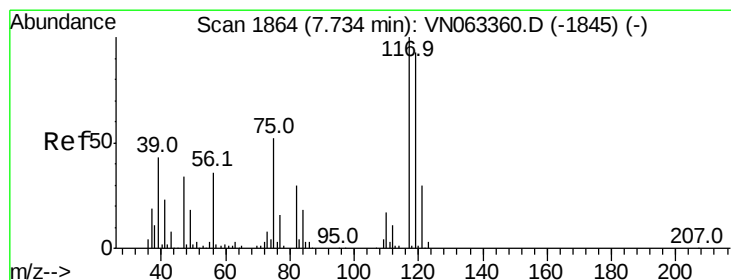
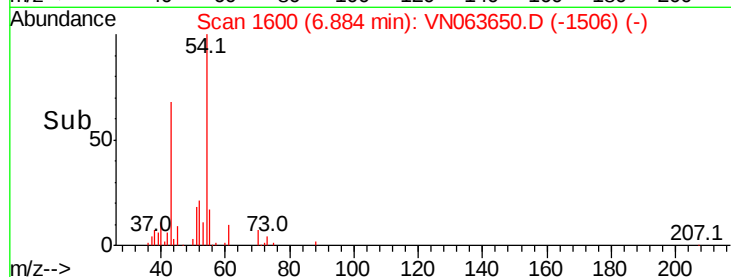
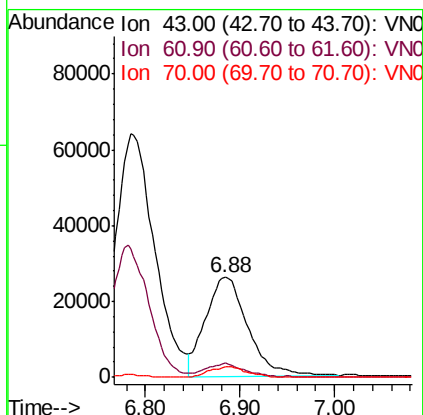
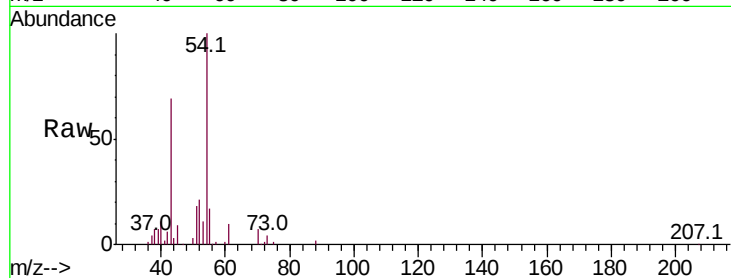




#37
Ethyl Acetate
Concen: 18.206 ug/l
RT: 6.88 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VN063650.D
Acq: 25 Sep 2020 1:02

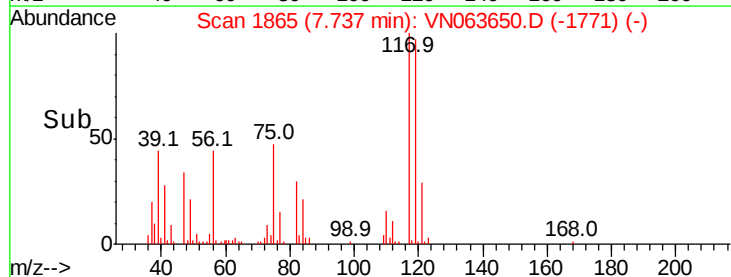
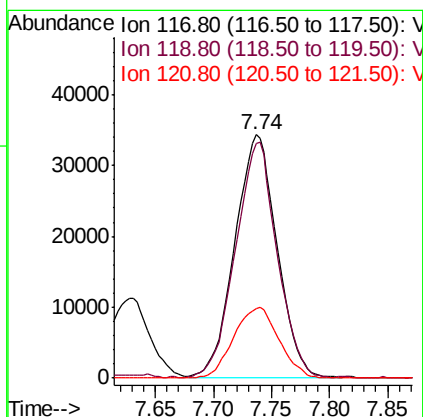
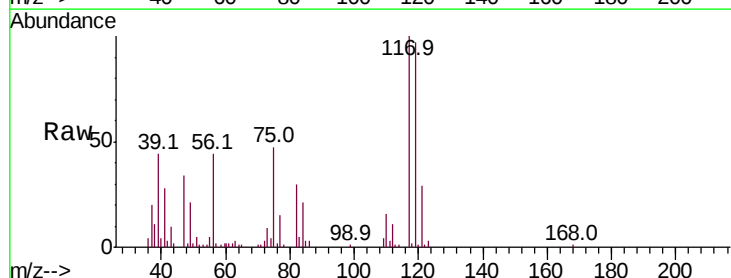
Instrument :
MSVOA_N
ClientSampleId :
VN0924WBSD02

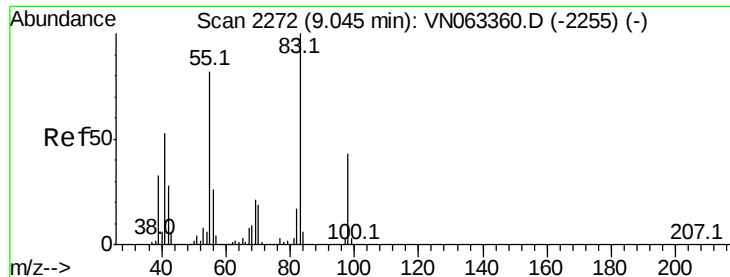
Tot Ion: 43 Resp: 80322
Ion Ratio Lower Upper
43 100
61 11.7 10.6 15.8
70 9.5 7.2 10.8



#38
Carbon Tetrachloride
Concen: 18.955 ug/l
RT: 7.74 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN063650.D
Acq: 25 Sep 2020 1:02

Tgt Ion: 117 Resp: 86977
Ion Ratio Lower Upper
117 100
119 96.1 74.5 111.7
121 28.8 24.1 36.1

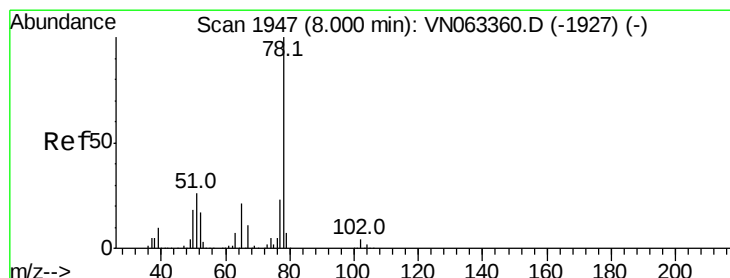
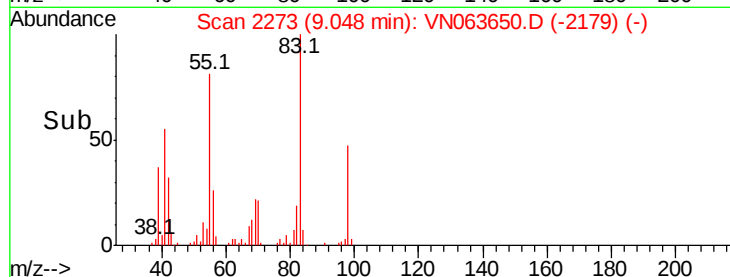
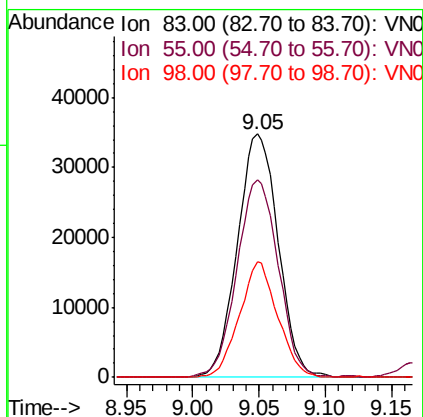
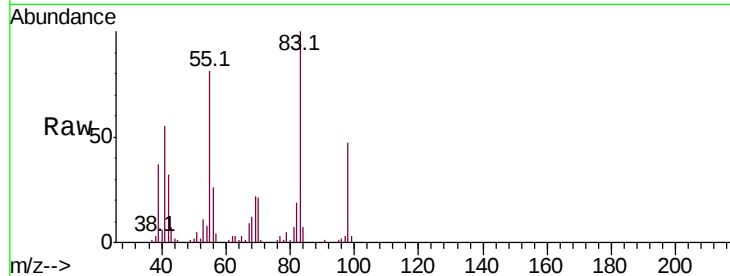




#39
Methvlcvclohexane
Concen: 15.277 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN063650.D
Acq: 25 Sep 2020 1:02

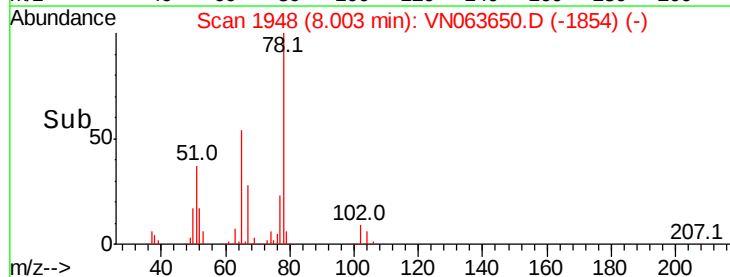
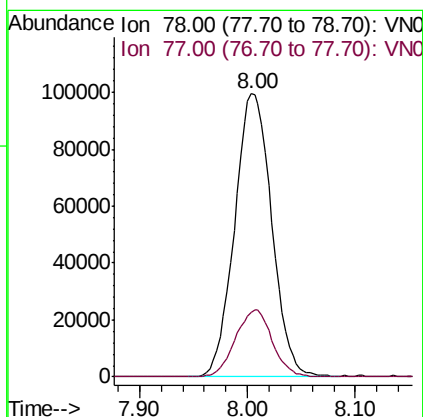
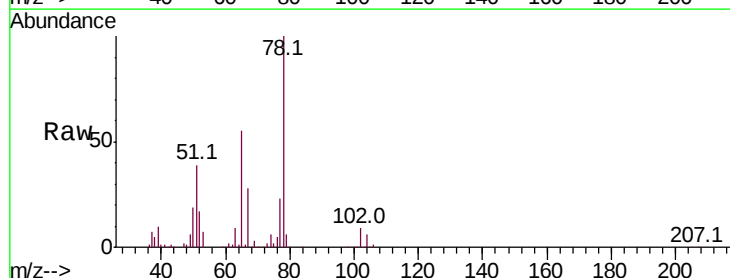
Instrument :
MSVOA_N
ClientSampleId :
VN0924WBSD02

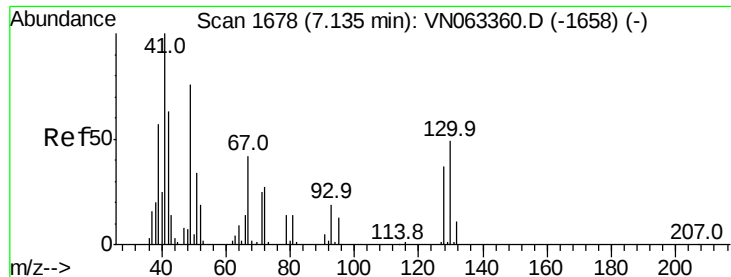
Tot Ion: 83 Resp: 74531
Ion Ratio Lower Upper
83 100
55 81.0 65.5 98.3
98 47.4 34.2 51.4



#40
Benzene
Concen: 18.593 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063650.D
Acq: 25 Sep 2020 1:02

Tgt Ion: 78 Resp: 238589
Ion Ratio Lower Upper
78 100
77 23.0 18.3 27.5

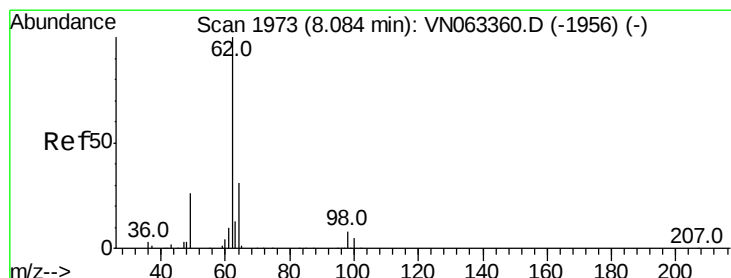
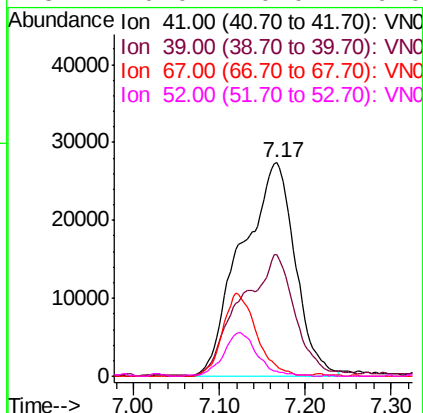
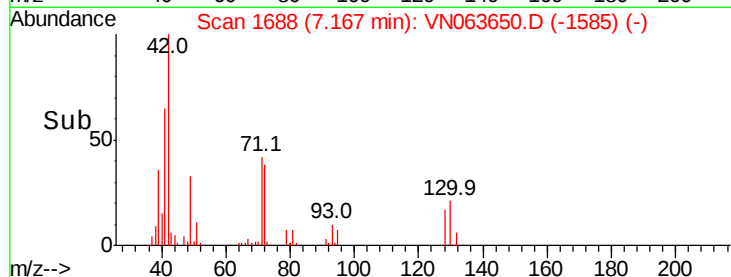
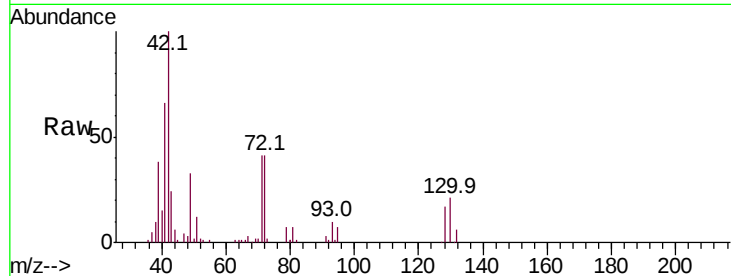




#41
Methacrylonitrile
Concen: 59.928 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. 0.03 min
Lab File: VN063650.D
Acq: 25 Sep 2020 1:02

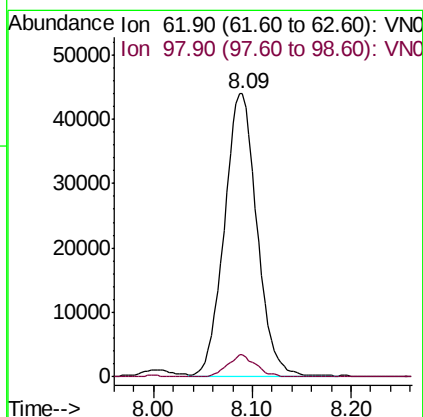
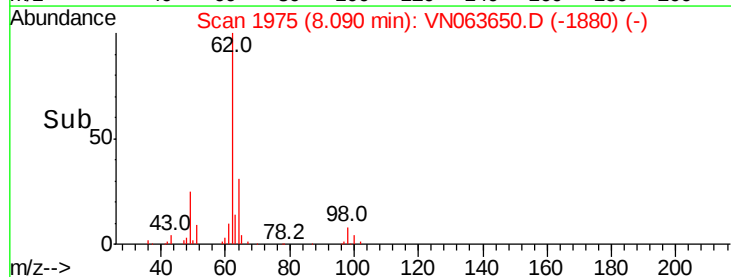
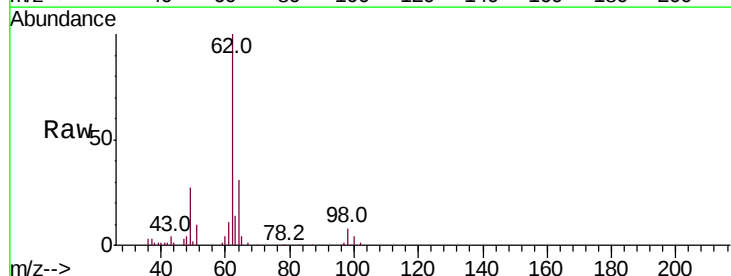
Instrument :
MSVOA_N
ClientSampled :
VN0924WBSD02

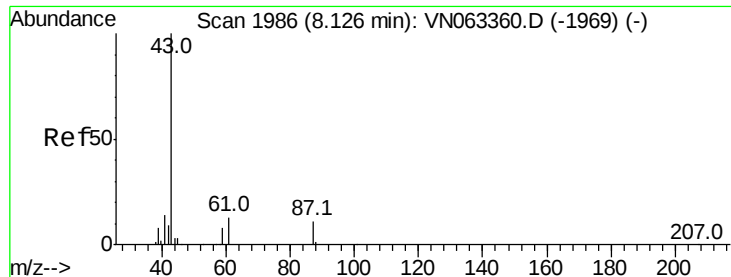
Tot Ion:	41	Resp:	118912
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 19.597 ug/l
RT: 8.09 min Scan# 1975
Delta R.T. 0.01 min
Lab File: VN063650.D
Acq: 25 Sep 2020 1:02

Tgt Ion:	62	Resp:	101125
Ion	Ratio	Lower	Upper
62	100		
98	6.8	0.0	15.6



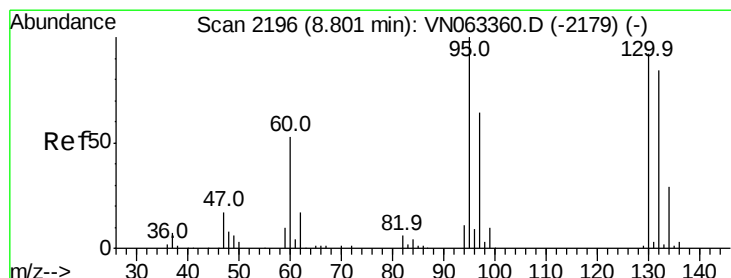
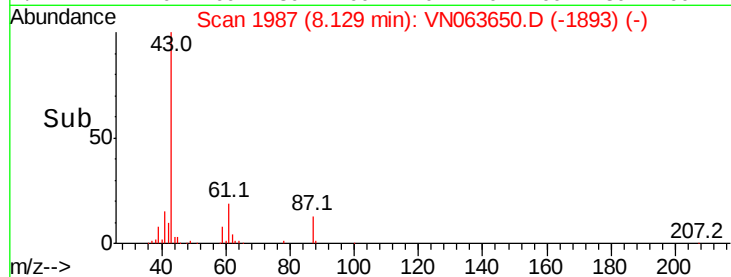
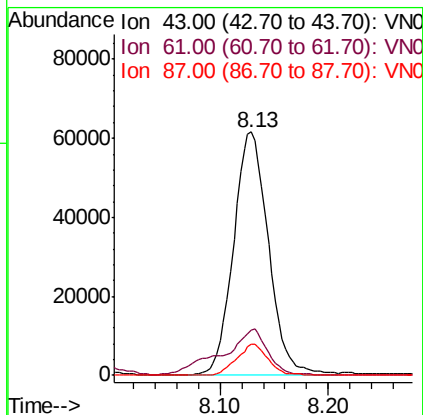
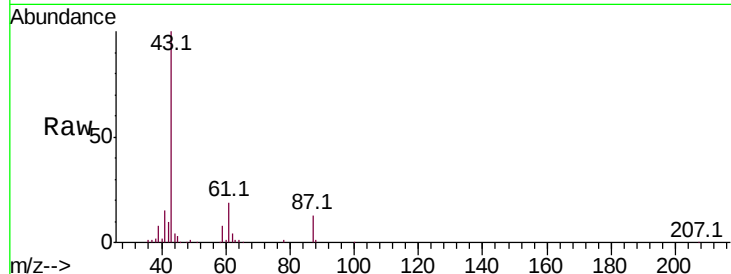


#43

Isopropyl Acetate
 Concen: 17.676 ug/l
 RT: 8.13 min Scan# 1987
 Delta R.T. 0.00 min
 Lab File: VN063650.D
 Acq: 25 Sep 2020 1:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBSD02

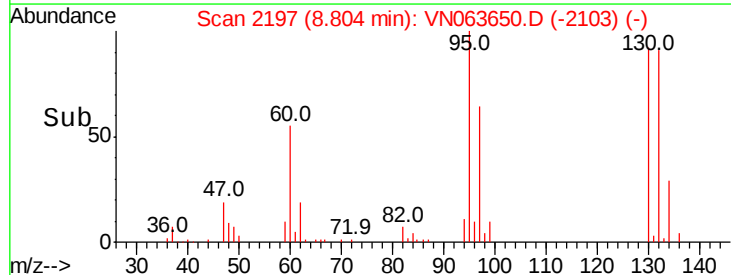
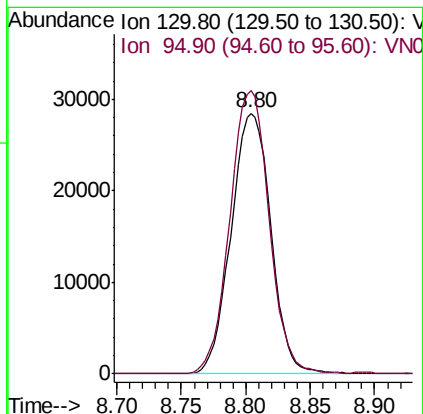
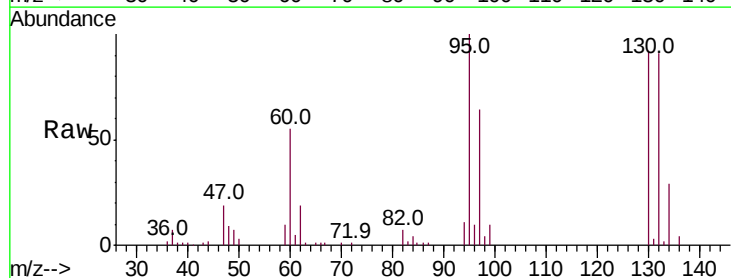
Tot Ion	43	61	87
Resp	139444		
Ratio	100	25.1	11.5
Lower		14.2	9.0
Upper		21.2	13.6

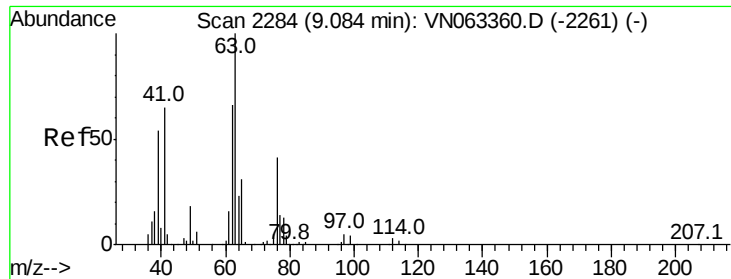


#44

Trichloroethene
 Concen: 19.591 ug/l
 RT: 8.80 min Scan# 2197
 Delta R.T. 0.00 min
 Lab File: VN063650.D
 Acq: 25 Sep 2020 1:02

Tgt Ion	130	95
Resp	60974	
Ratio	100	108.5
Lower		0.0
Upper		217.4





#45

1,2-Dichloropropane

Concen: 18.925 ug/l

RT: 9.09 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN063650.D

Acq: 25 Sep 2020 1:02

Instrument :

MSVOA_N

ClientSampleId :

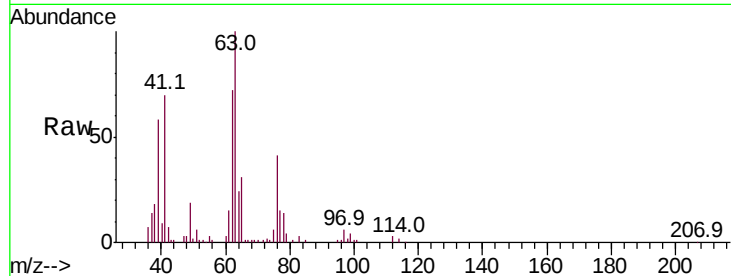
VN0924WBSD02

Tot Ion: 63 Resp: 66141

Ion Ratio Lower Upper

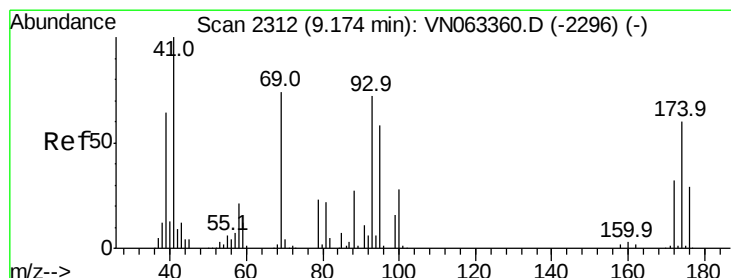
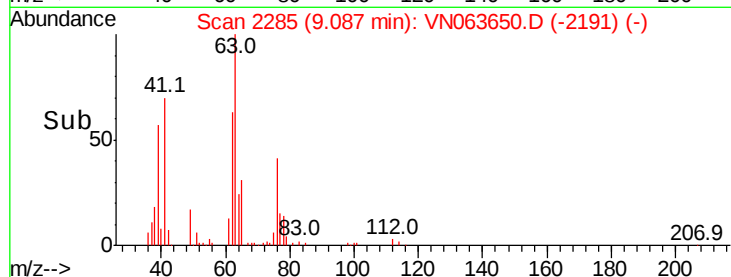
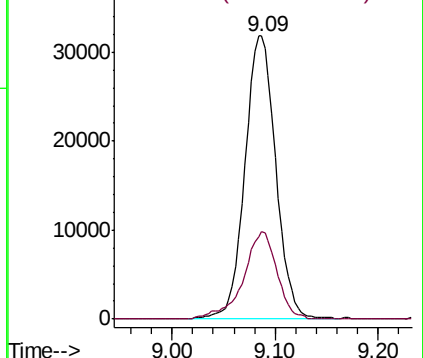
63 100

65 30.9 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 19.379 ug/l

RT: 9.18 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN063650.D

Acq: 25 Sep 2020 1:02

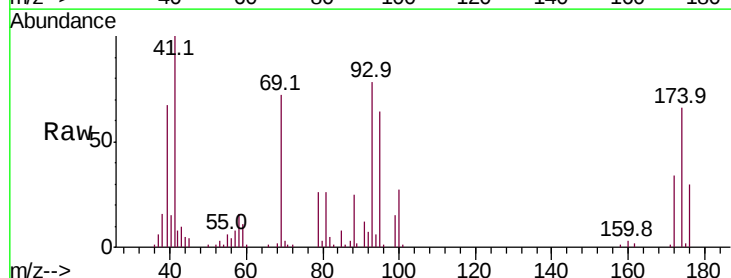
Tgt Ion: 93 Resp: 44515

Ion Ratio Lower Upper

93 100

95 83.7 65.6 98.4

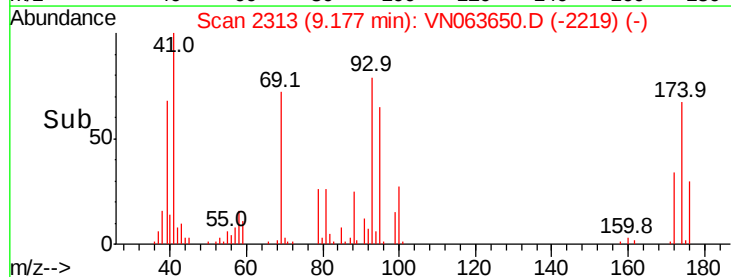
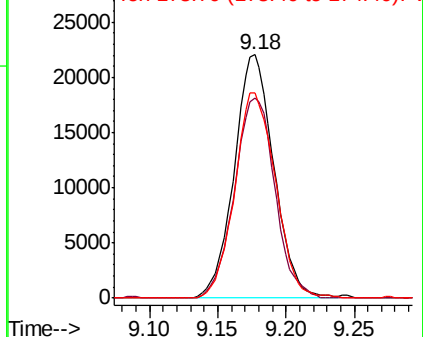
174 86.9 68.1 102.1

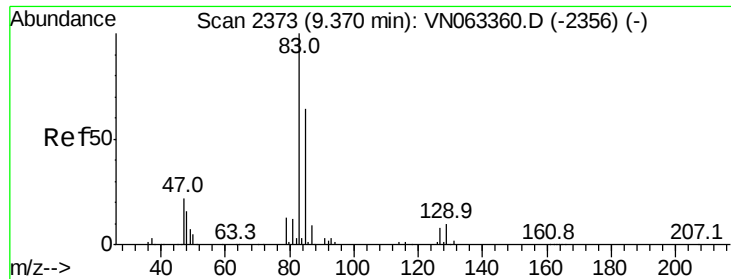


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.283 ug/l

RT: 9.37 min Scan# 2374

Delta R.T. 0.00 min

Lab File: VN063650.D

Acq: 25 Sep 2020 1:02

Instrument :

MSVOA_N

ClientSampleId :

VN0924WBSD02

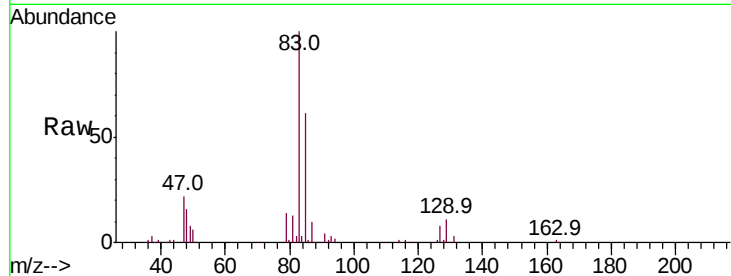
Tot Ion: 83 Resp: 92017

Ion Ratio Lower Upper

83 100

85 61.2 51.0 76.6

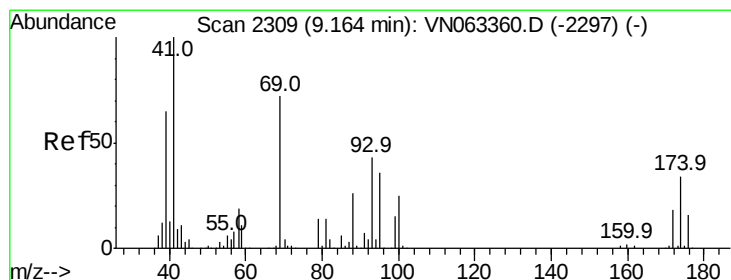
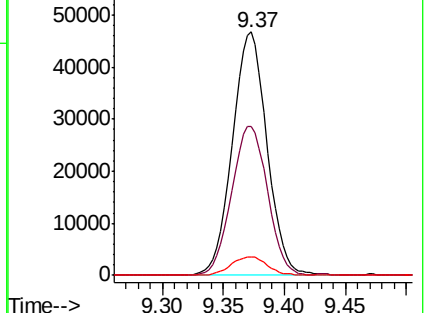
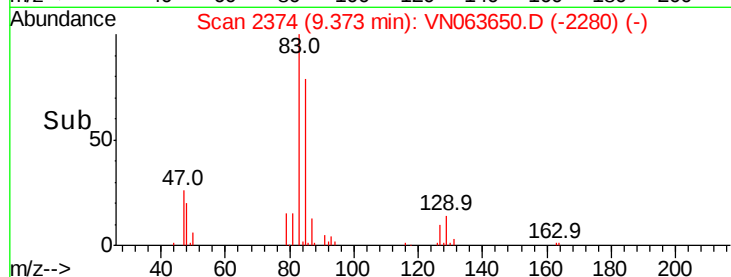
127 7.5 6.3 9.5



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: 17.246 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN063650.D

Acq: 25 Sep 2020 1:02

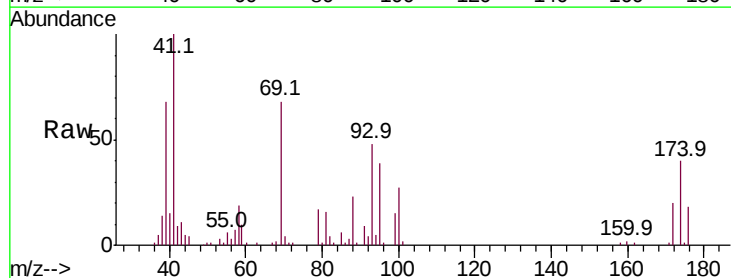
Tgt Ion: 41 Resp: 66843

Ion Ratio Lower Upper

41 100

69 73.7 59.3 88.9

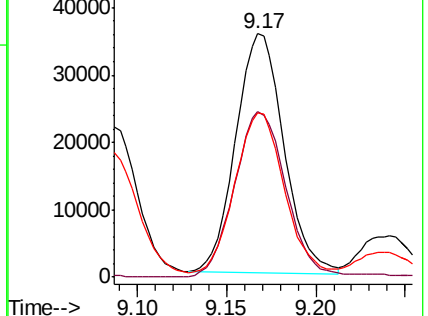
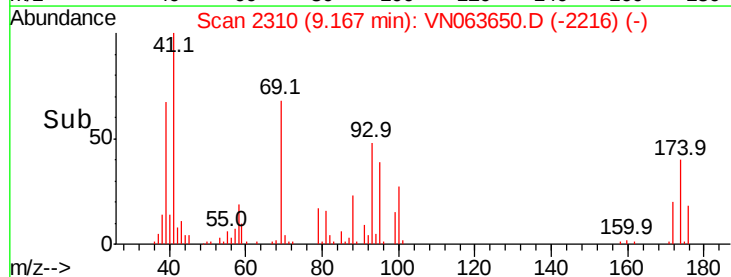
39 70.0 52.9 79.3

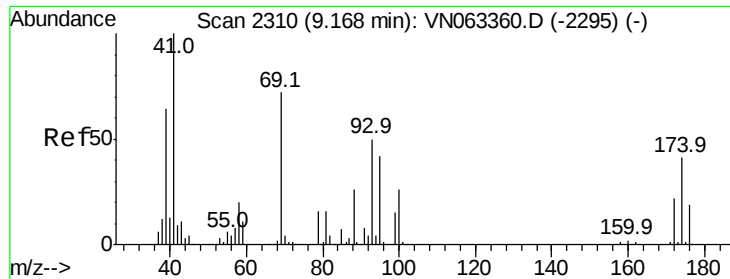


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 330.531 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN063650.D

Acq: 25 Sep 2020 1:02

Instrument :

MSVOA_N

ClientSampleId :

VN0924WBSD02

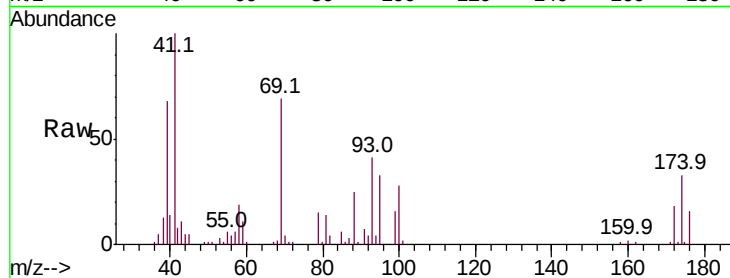
Tot Ion: 88 Resp: 18384

Ion Ratio Lower Upper

88 100

43 38.1 32.6 49.0

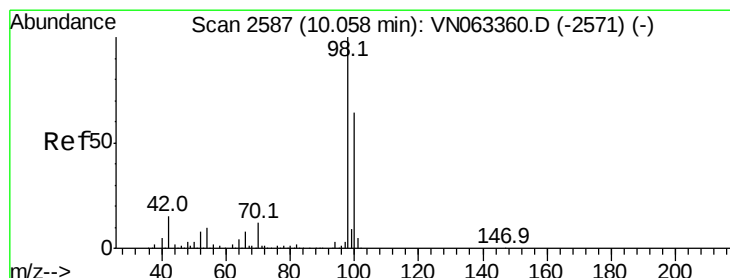
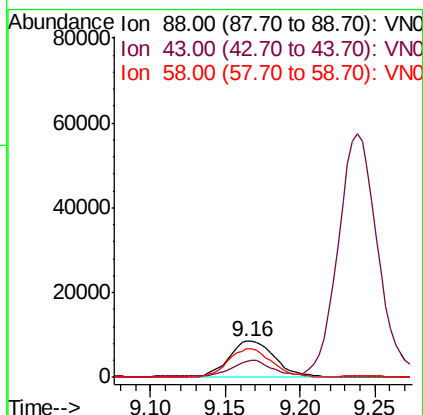
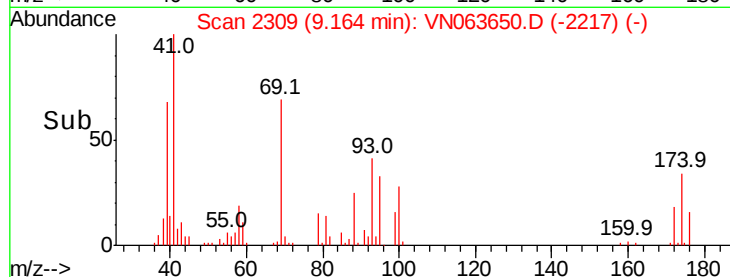
58 75.5 60.0 90.0



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: 45.575 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063650.D

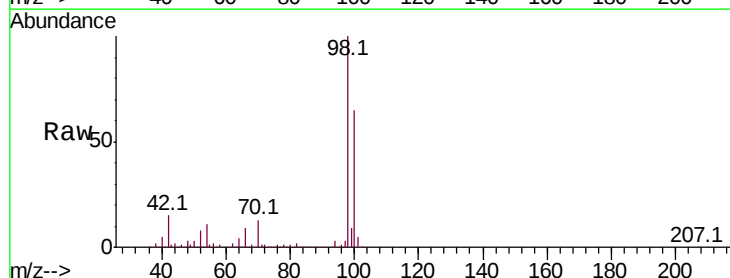
Acq: 25 Sep 2020 1:02

Tgt Ion: 98 Resp: 500569

Ion Ratio Lower Upper

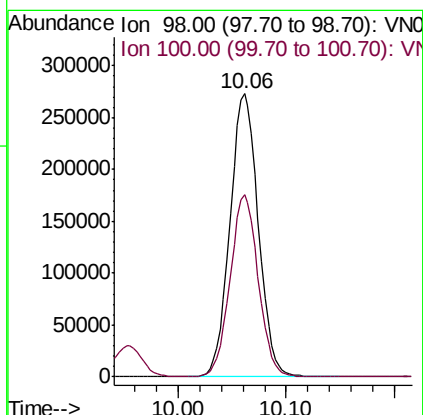
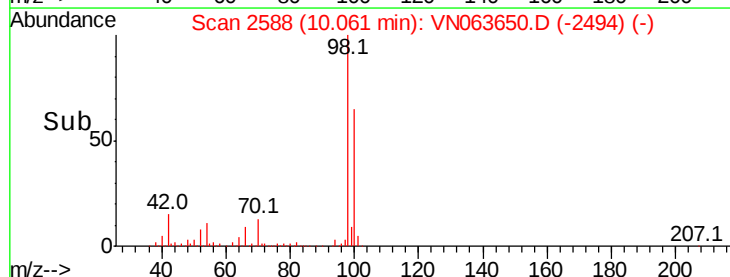
98 100

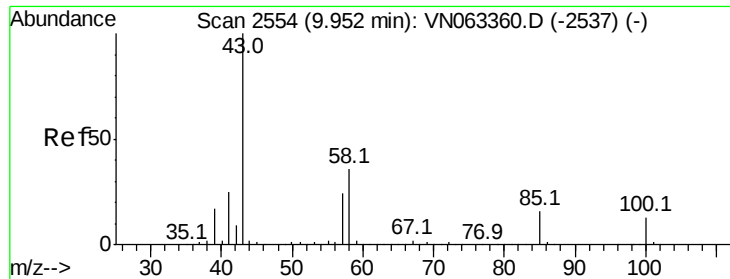
100 63.6 50.7 76.1



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: 93.639 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN063650.D

Acq: 25 Sep 2020 1:02

Instrument :

MSVOA_N

ClientSampleId :

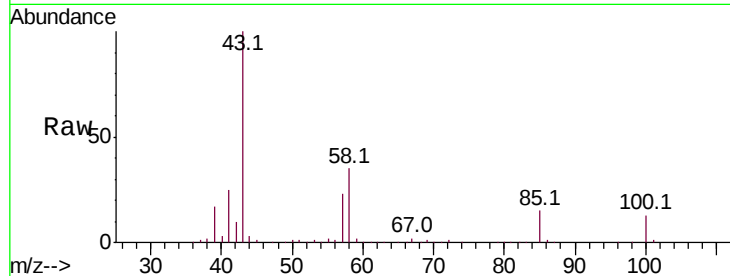
VN0924WBSD02

Tot Ion: 43 Resp: 413546

Ion Ratio Lower Upper

43 100

58 35.7 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

9.95

250000

200000

150000

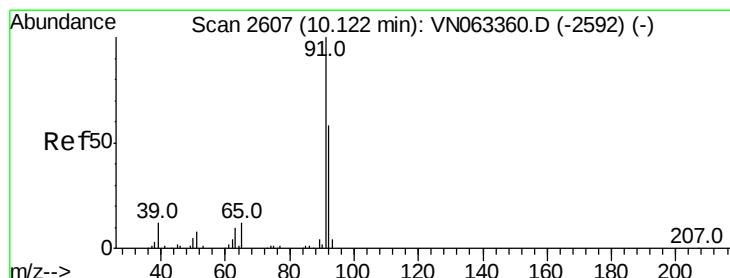
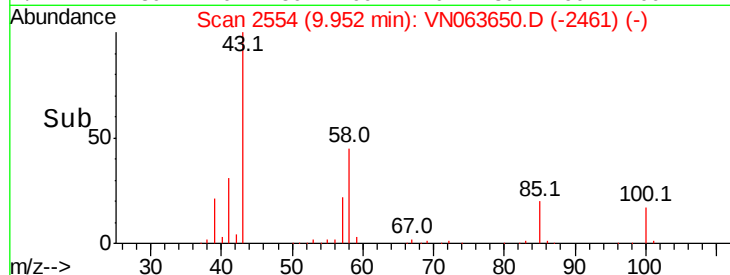
100000

50000

0

Time-->

9.90 10.00



#52

Toluene

Concen: 19.021 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063650.D

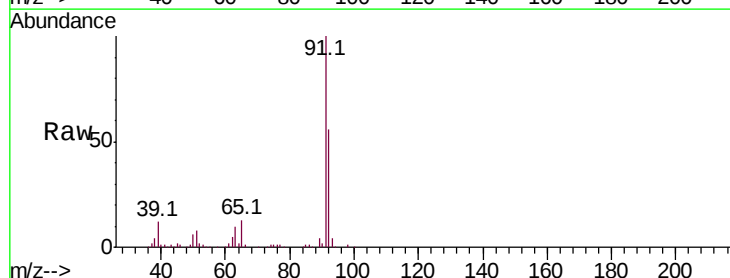
Acq: 25 Sep 2020 1:02

Tgt Ion: 92 Resp: 146744

Ion Ratio Lower Upper

92 100

91 177.4 139.7 209.5



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

10.13

150000

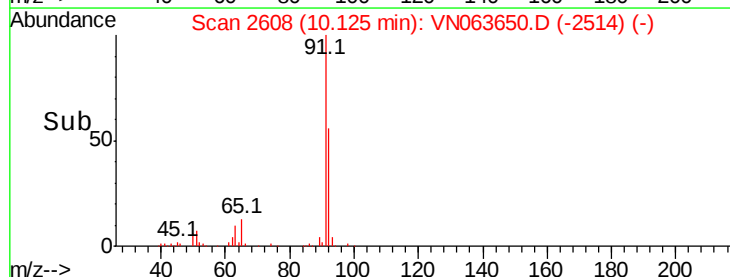
100000

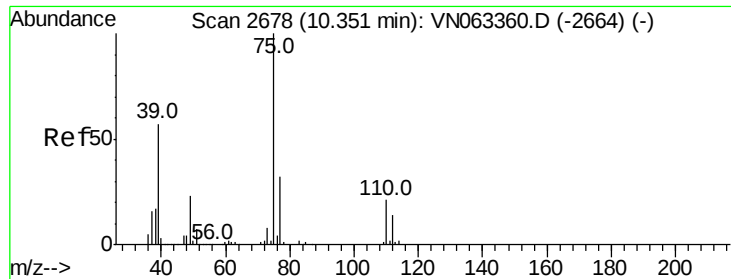
50000

0

Time-->

10.05 10.10 10.15 10.20





#53

t-1,3-Dichloropropene

Concen: 17.205 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. 0.00 min

Lab File: VN063650.D

Acq: 25 Sep 2020 1:02

Instrument :

MSVOA_N

ClientSampleId :

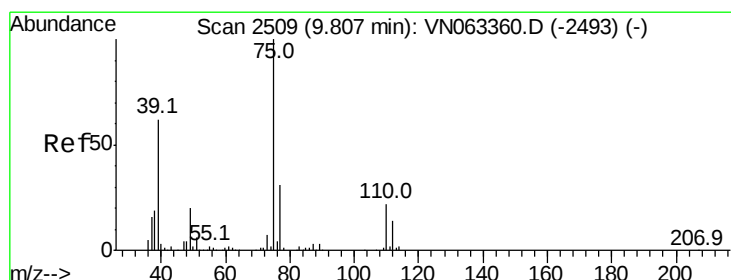
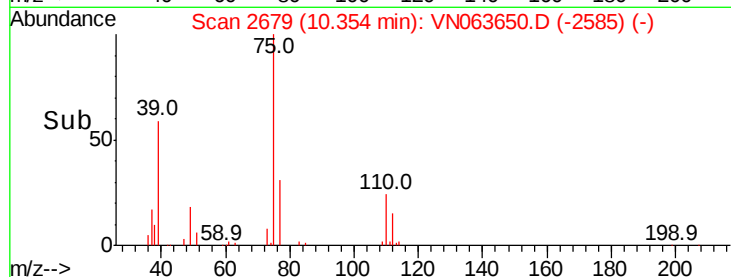
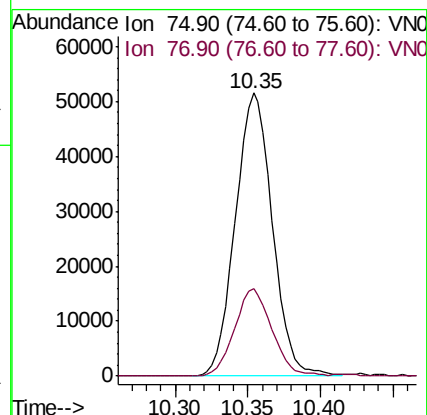
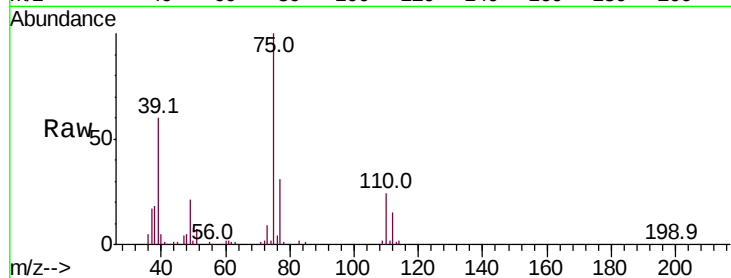
VN0924WBSD02

Tot Ion: 75 Resp: 91657

Ion Ratio Lower Upper

75 100

77 30.9 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 17.205 ug/l

RT: 9.81 min Scan# 2510

Delta R.T. 0.00 min

Lab File: VN063650.D

Acq: 25 Sep 2020 1:02

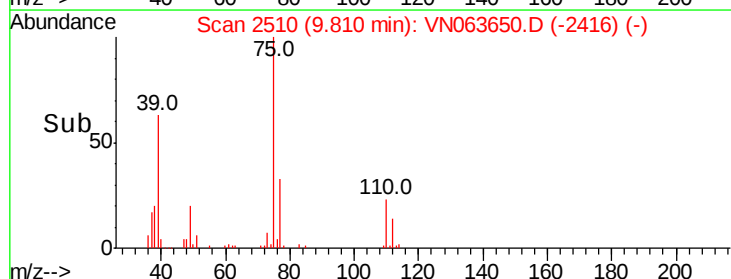
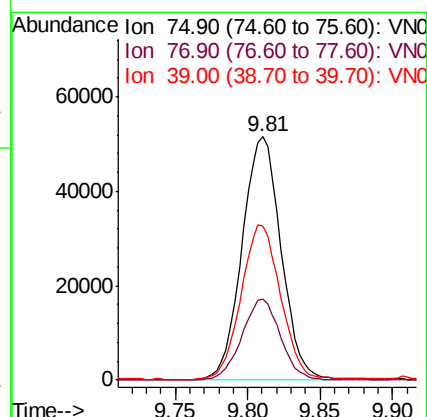
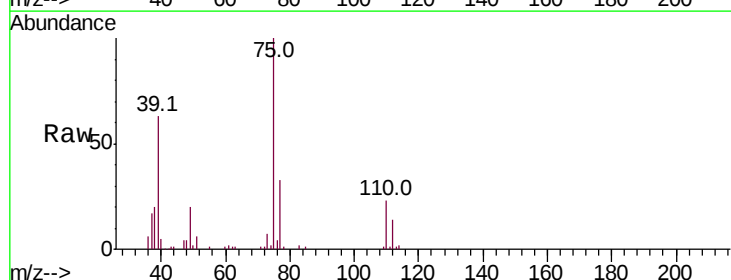
Tgt Ion: 75 Resp: 96681

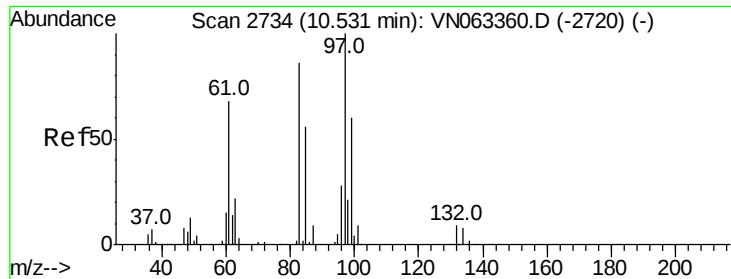
Ion Ratio Lower Upper

75 100

77 33.2 24.6 37.0

39 63.1 49.8 74.8

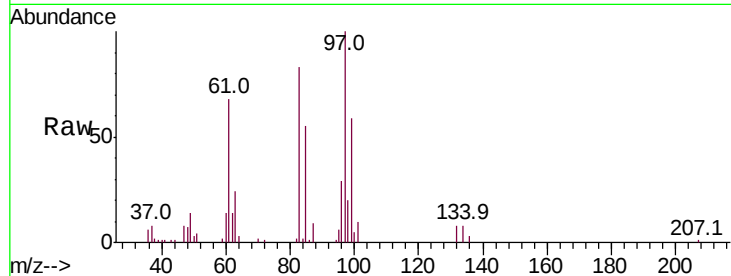




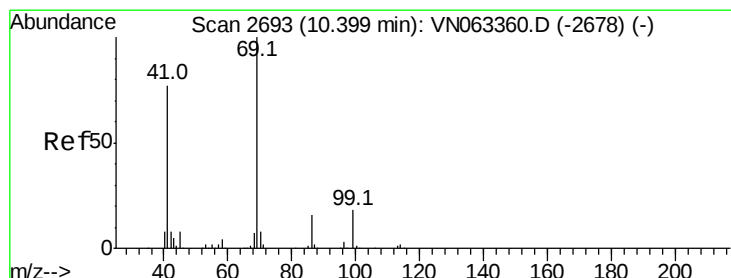
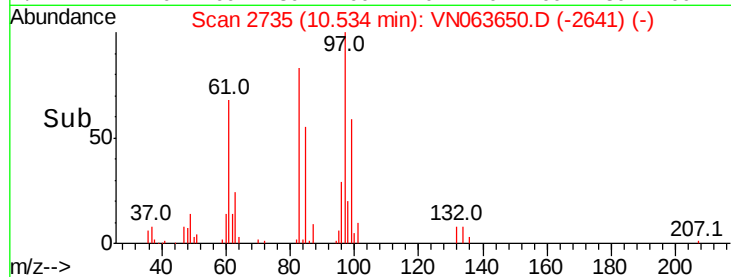
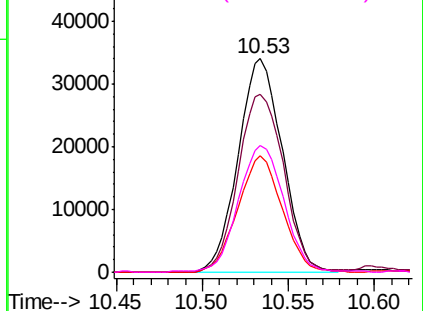
#55
 1,1,2-Trichloroethane
 Concen: 19.829 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN063650.D
 Acq: 25 Sep 2020 1:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBSD02

Tot Ion: 97 Resp: 60766
 Ion Ratio Lower Upper
 97 100
 83 83.4 68.9 103.3
 85 54.6 44.8 67.2
 99 58.7 47.8 71.8

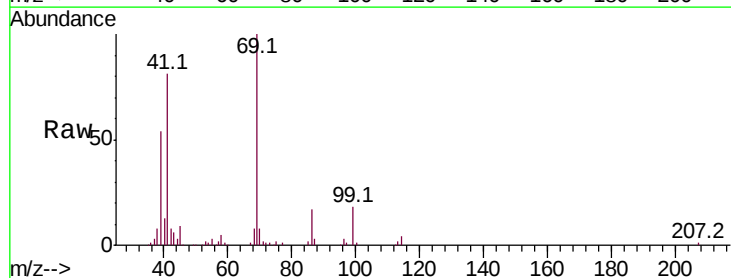


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

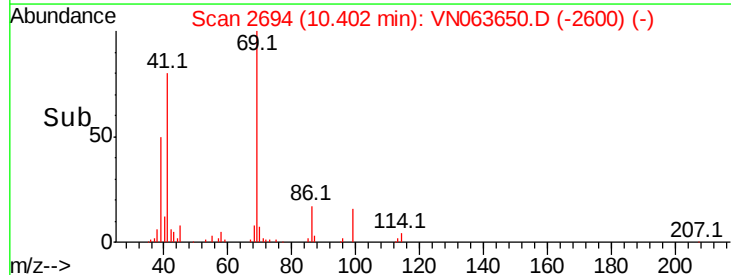
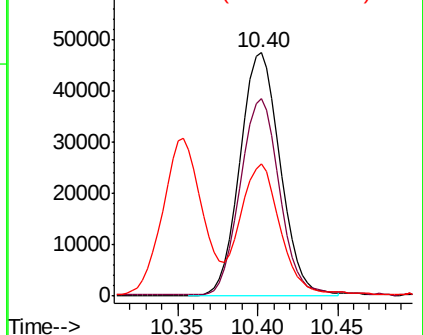


#56
 Ethyl methacrylate
 Concen: 17.068 ug/l
 RT: 10.40 min Scan# 2694
 Delta R.T. 0.00 min
 Lab File: VN063650.D
 Acq: 25 Sep 2020 1:02

Tgt Ion: 69 Resp: 81651
 Ion Ratio Lower Upper
 69 100
 41 79.0 61.0 91.6
 39 53.1 39.2 58.8



Abundance Ion 69.00 (68.70 to 69.70): VN0
 Ion 41.00 (40.70 to 41.70): VN0
 Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 18.796 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN063650.D

Acq: 25 Sep 2020 1:02

Instrument :

MSVOA_N

ClientSampleId :

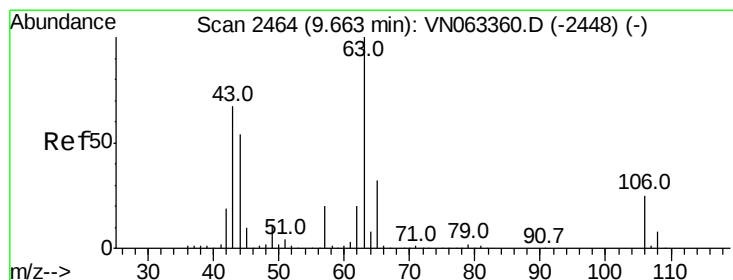
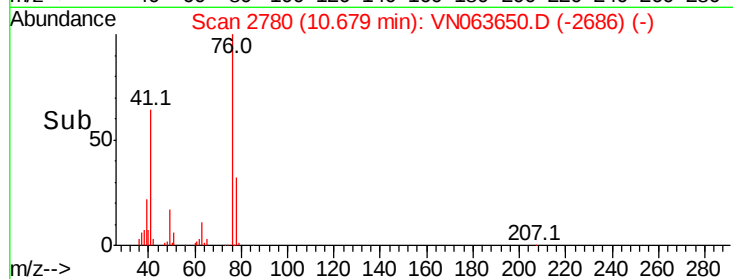
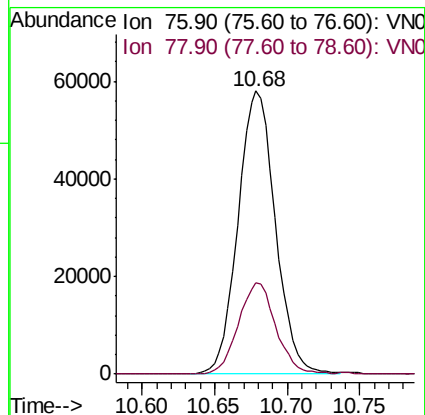
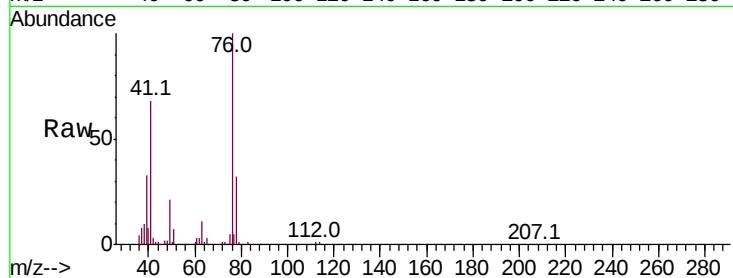
VN0924WBSD02

Tot Ion: 76 Resp: 103868

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 83.615 ug/l

RT: 9.67 min Scan# 2465

Delta R.T. 0.00 min

Lab File: VN063650.D

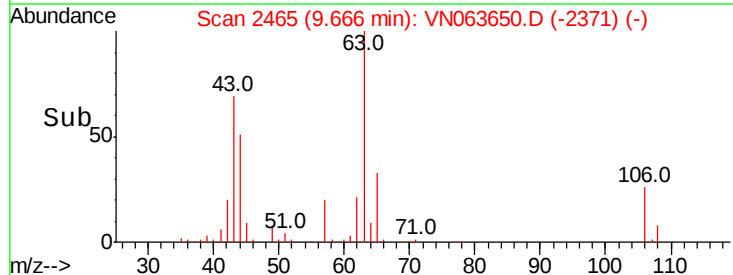
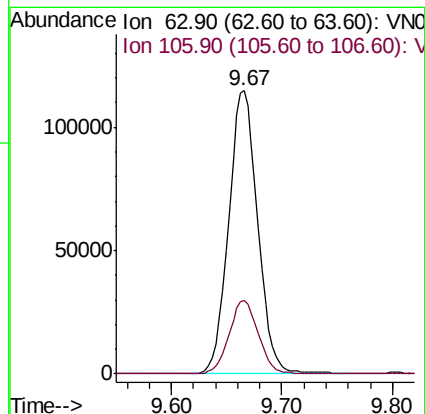
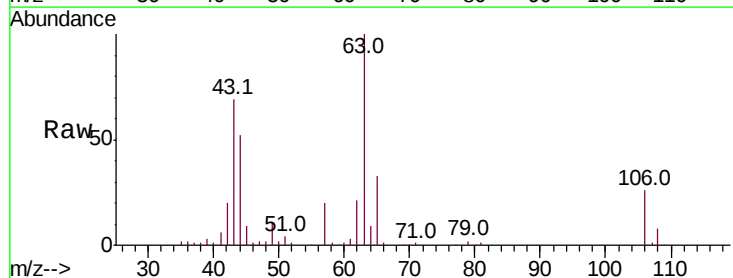
Acq: 25 Sep 2020 1:02

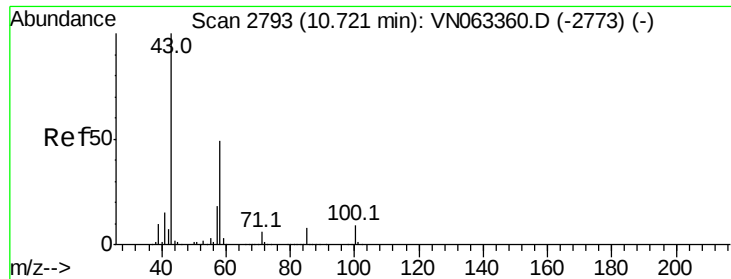
Tgt Ion: 63 Resp: 209836

Ion Ratio Lower Upper

63 100

106 26.0 19.5 29.3

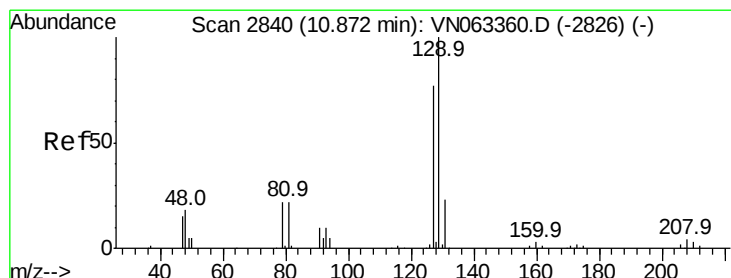
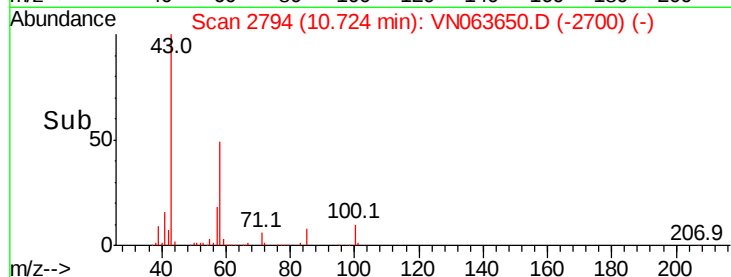
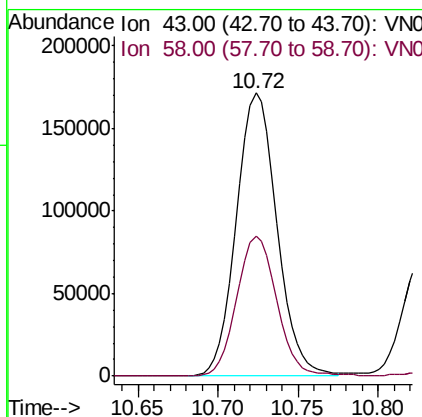
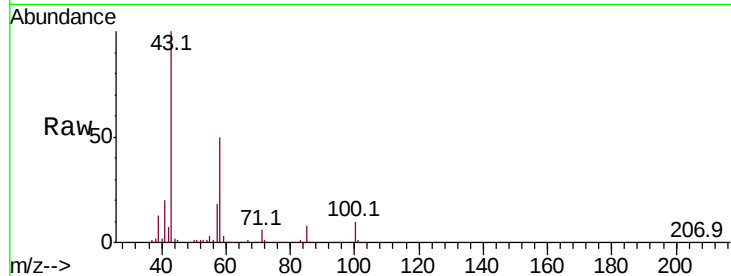




#59
2-Hexanone
Concen: 92.256 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN063650.D
Acq: 25 Sep 2020 1:02

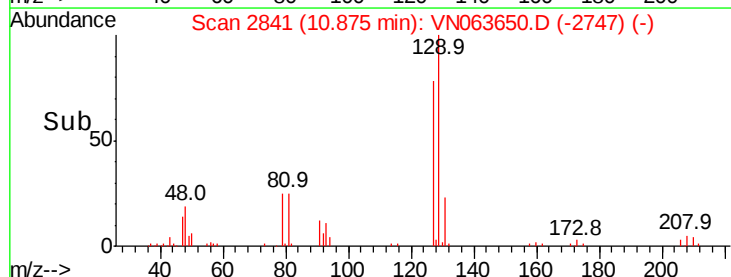
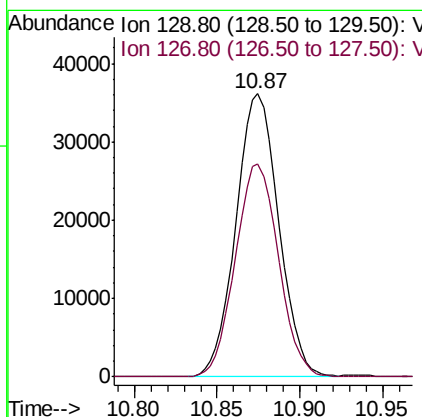
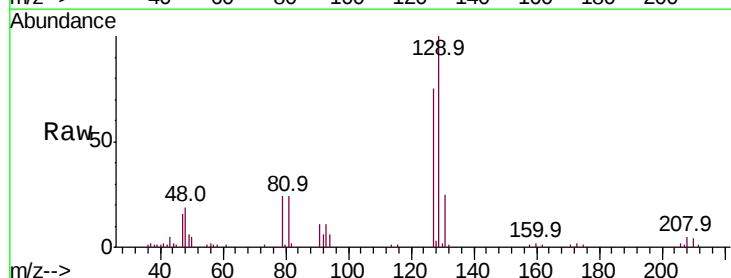
Instrument :
MSVOA_N
ClientSampleId :
VN0924WBSD02

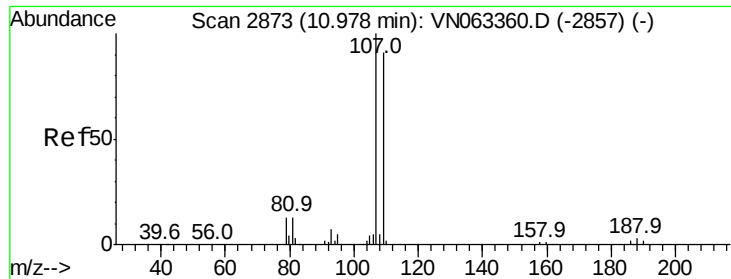
Tot Ion: 43 Resp: 295176
Ion Ratio Lower Upper
43 100
58 49.3 24.7 74.1



#60
Dibromochloromethane
Concen: 18.790 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN063650.D
Acq: 25 Sep 2020 1:02

Tgt Ion: 129 Resp: 65050
Ion Ratio Lower Upper
129 100
127 76.0 39.1 117.3

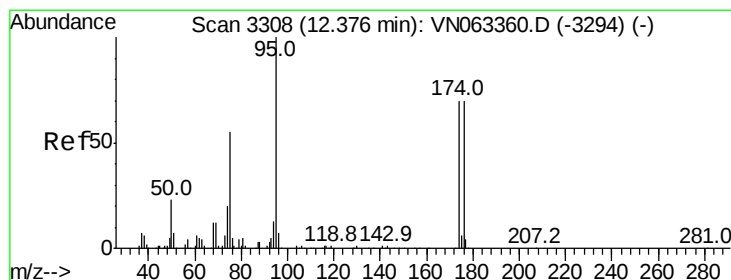
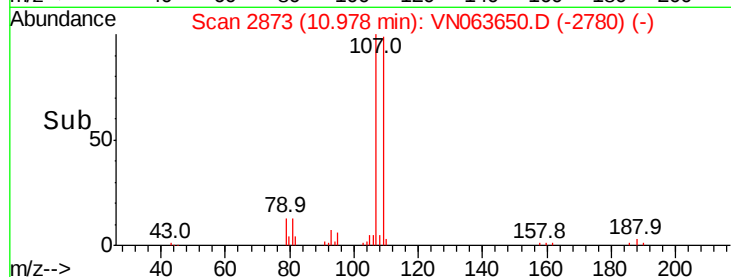
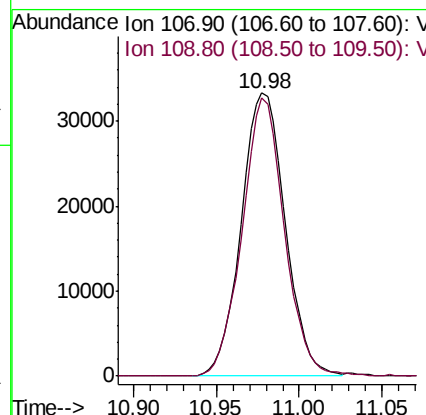
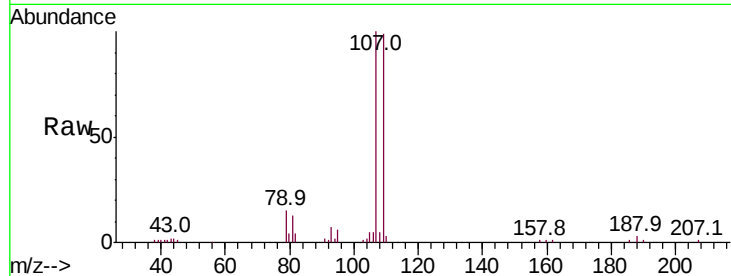




#61
 1,2-Dibromoethane
 Concen: 19.334 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. -0.00 min
 Lab File: VN063650.D
 Acq: 25 Sep 2020 1:02

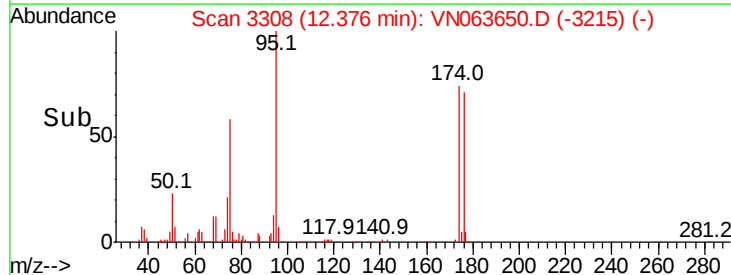
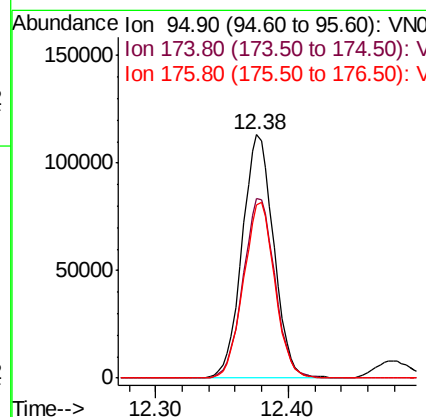
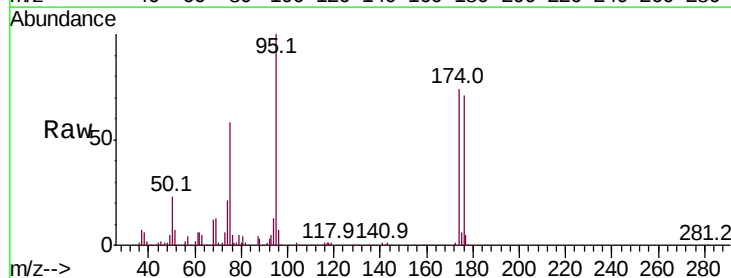
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBSD02

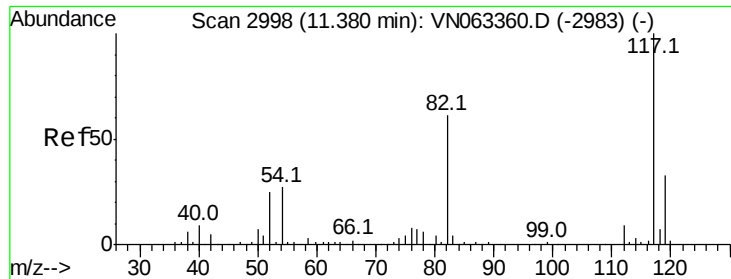
Tot Ion:107 Resp: 61555
 Ion Ratio Lower Upper
 107 100
 109 94.2 74.6 111.8



#62
 4-Bromofluorobenzene
 Concen: 46.355 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.00 min
 Lab File: VN063650.D
 Acq: 25 Sep 2020 1:02

Tgt Ion: 95 Resp: 186641
 Ion Ratio Lower Upper
 95 100
 174 74.7 0.0 140.8
 176 71.9 0.0 137.6

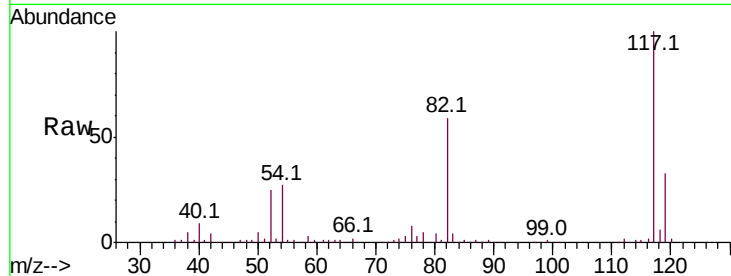




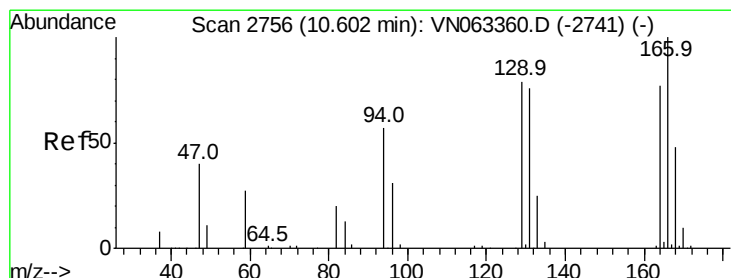
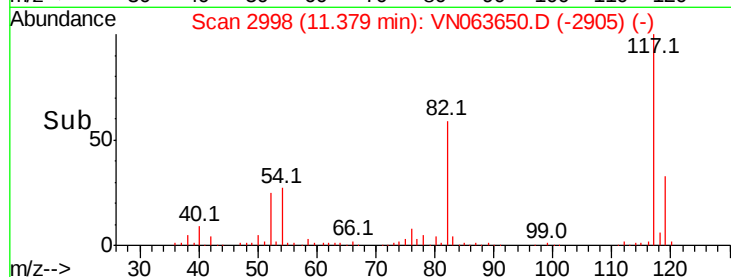
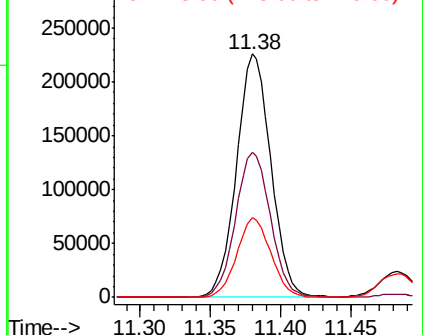
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063650.D
Acq: 25 Sep 2020 1:02

Instrument :
MSVOA_N
ClientSampleId :
VN0924WBSD02

Tot Ion:117 Resp: 387559
Ion Ratio Lower Upper
117 100
82 59.5 49.2 73.8
119 32.5 26.2 39.4

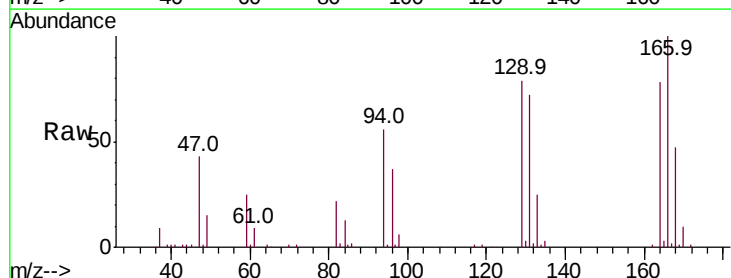


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

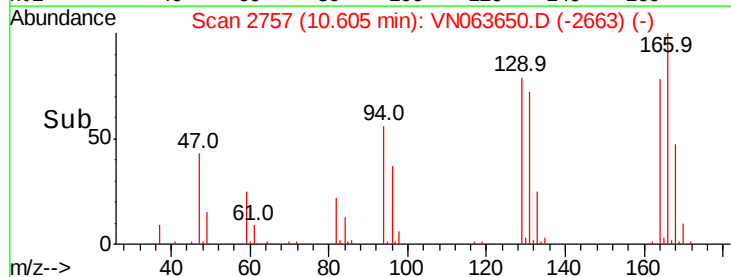
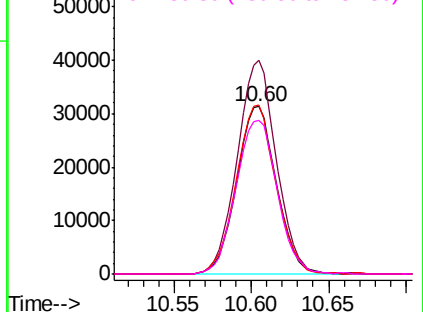


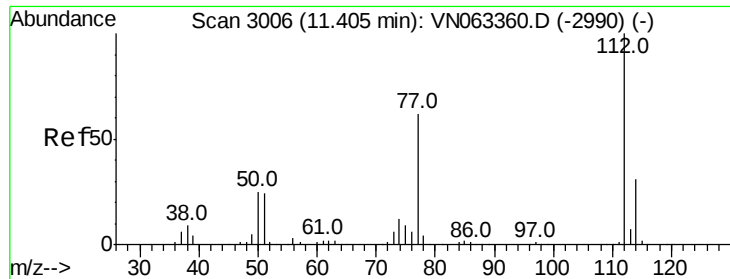
#64
Tetrachloroethene
Concen: 21.188 ug/l
RT: 10.60 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VN063650.D
Acq: 25 Sep 2020 1:02

Tgt Ion:164 Resp: 55914
Ion Ratio Lower Upper
164 100
166 127.7 103.4 155.0
129 100.9 81.8 122.6
131 92.1 78.2 117.4



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 18.885 ug/l

RT: 11.41 min Scan# 3006

Delta R.T. -0.00 min

Lab File: VN063650.D

Acq: 25 Sep 2020 1:02

Instrument :

MSVOA_N

ClientSampleId :

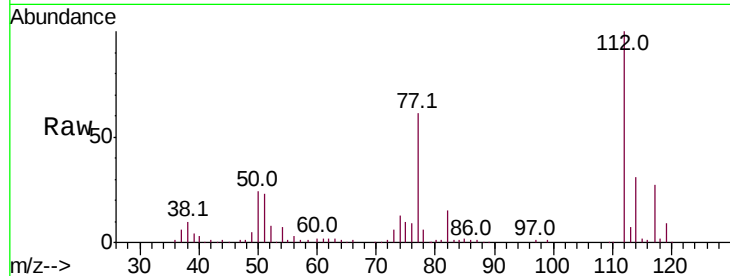
VN0924WBSD02

Tot Ion:112 Resp: 155360

Ion Ratio Lower Upper

112 100

114 31.2 25.0 37.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.41

100000

80000

60000

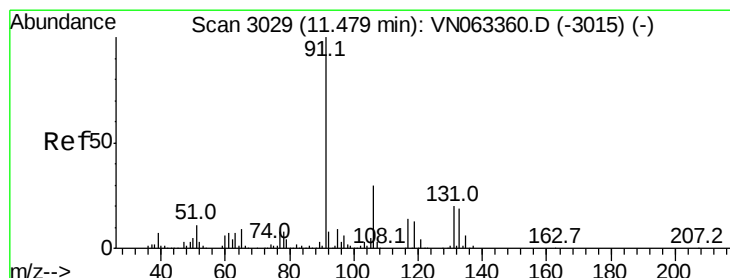
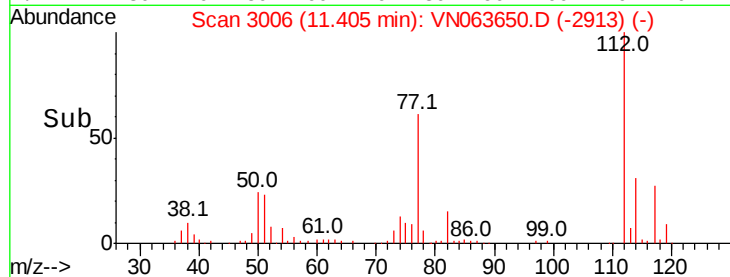
40000

20000

0

11.40 11.50

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 19.431 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. 0.00 min

Lab File: VN063650.D

Acq: 25 Sep 2020 1:02

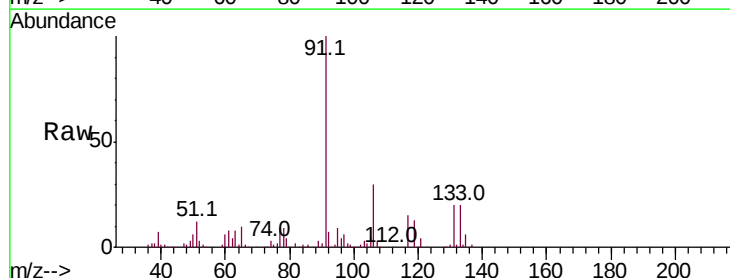
Tgt Ion:131 Resp: 58596

Ion Ratio Lower Upper

131 100

133 96.8 47.3 141.9

119 66.8 33.6 100.8



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

60000

50000

40000

30000

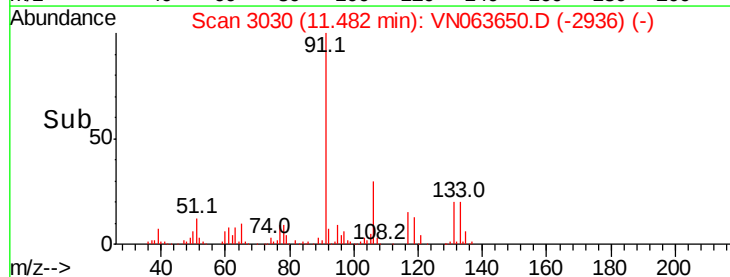
20000

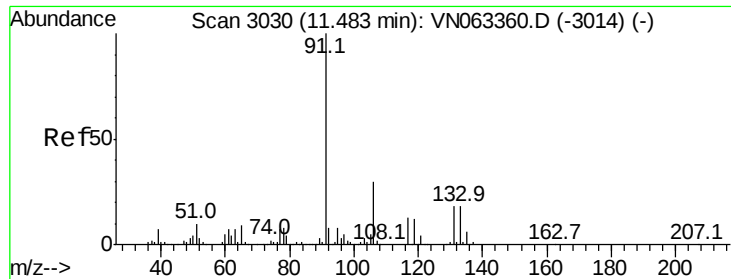
10000

0

11.40 11.45 11.50 11.55

Time-->





#67

Ethyl Benzene

Concen: 18.266 ug/l

RT: 11.49 min Scan# 3031

Delta R.T. 0.00 min

Lab File: VN063650.D

Acq: 25 Sep 2020 1:02

Instrument :

MSVOA_N

ClientSampled :

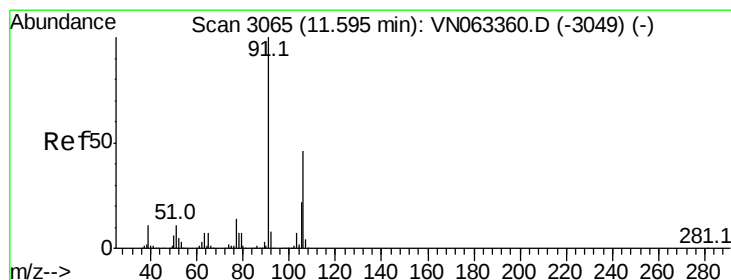
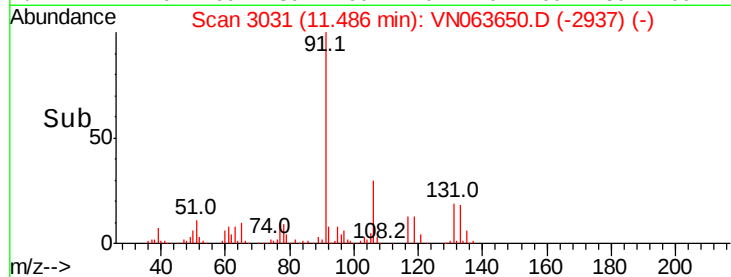
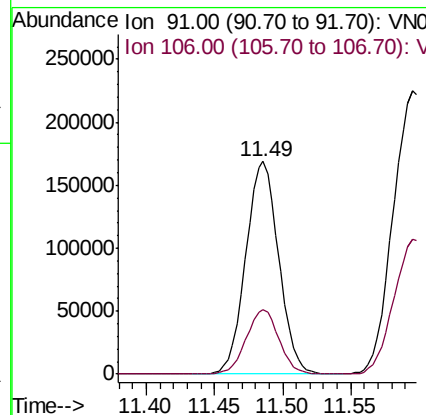
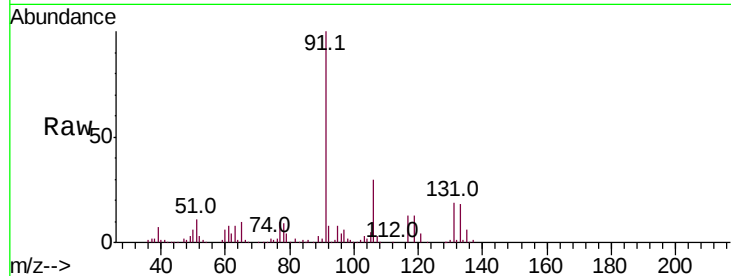
VN0924WBSD02

Tot Ion: 91 Resp: 282983

Ion Ratio Lower Upper

91 100

106 30.1 23.8 35.6



#68

m/p-Xylenes

Concen: 37.534 ug/l

RT: 11.59 min Scan# 3065

Delta R.T. -0.00 min

Lab File: VN063650.D

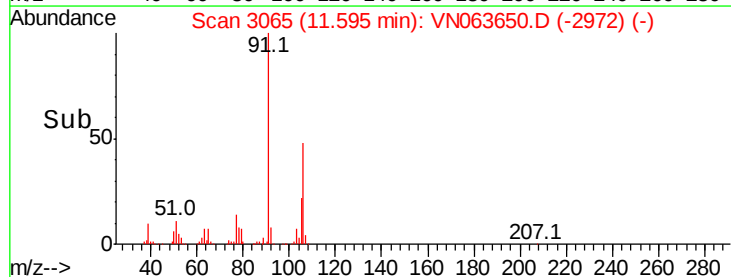
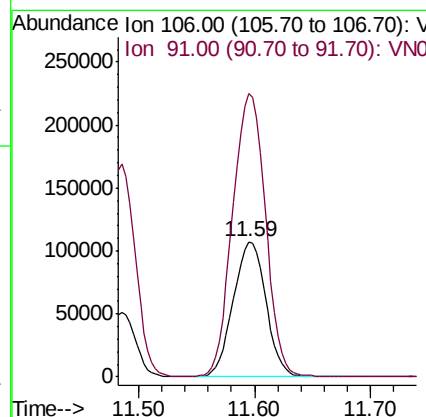
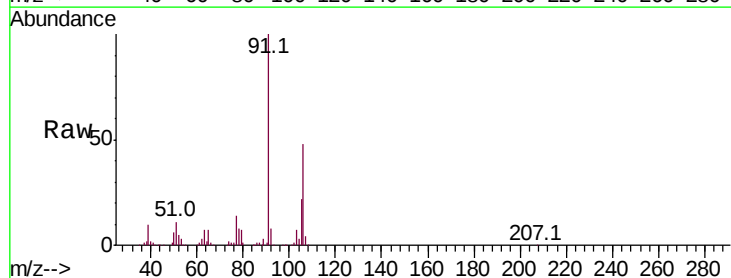
Acq: 25 Sep 2020 1:02

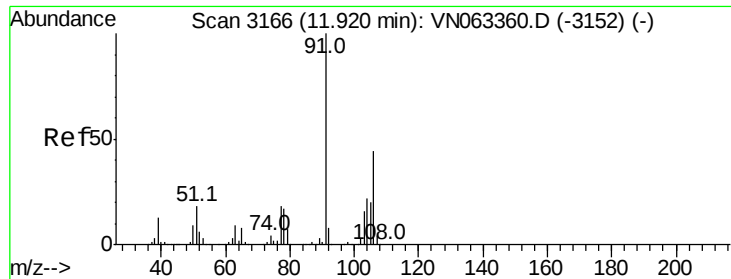
Tgt Ion: 106 Resp: 209660

Ion Ratio Lower Upper

106 100

91 210.5 171.2 256.8

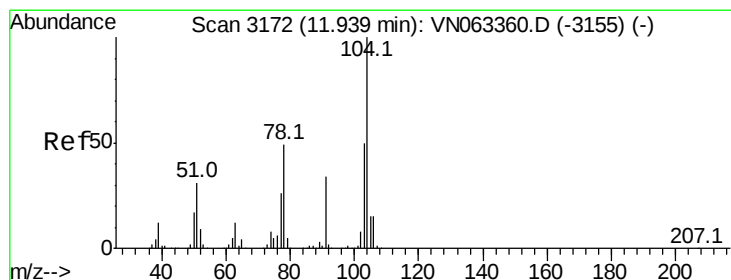
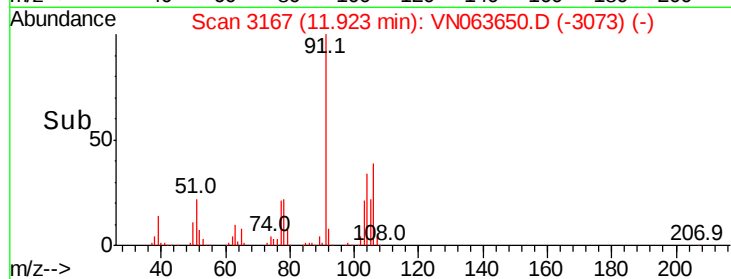
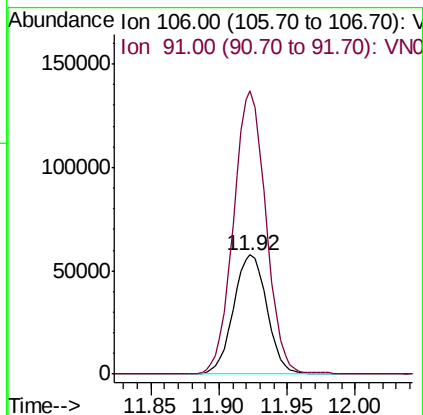
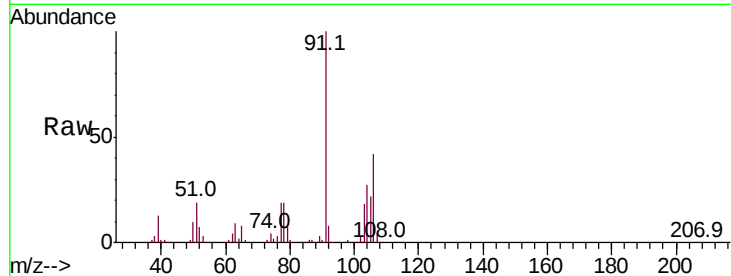




#69
o-Xylene
Concen: 18.502 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063650.D
Acq: 25 Sep 2020 1:02

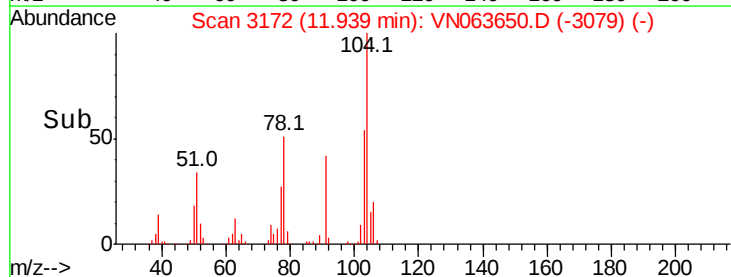
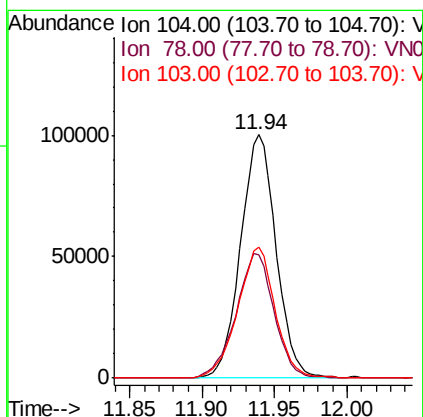
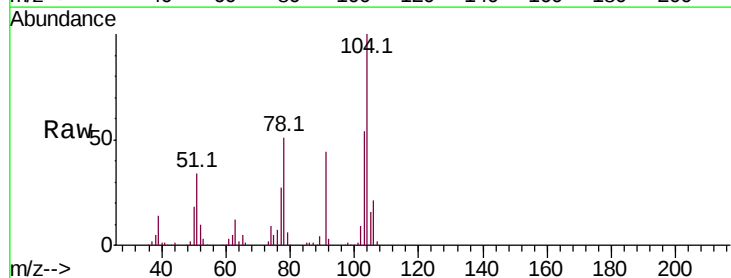
Instrument :
MSVOA_N
ClientSampleId :
VN0924WBSD02

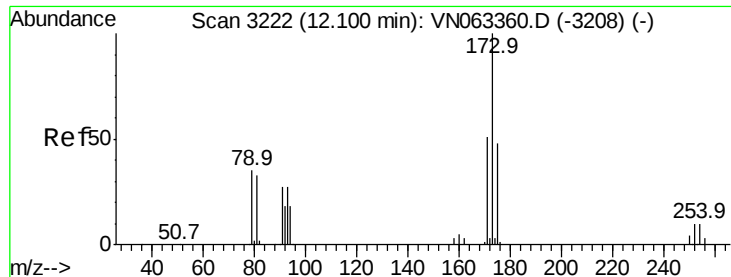
Tot Ion:106 Resp: 98451
Ion Ratio Lower Upper
106 100
91 230.9 113.6 340.8



#70
Styrene
Concen: 19.107 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. -0.00 min
Lab File: VN063650.D
Acq: 25 Sep 2020 1:02

Tgt Ion:104 Resp: 170499
Ion Ratio Lower Upper
104 100
78 55.2 44.4 66.6
103 57.0 43.7 65.5

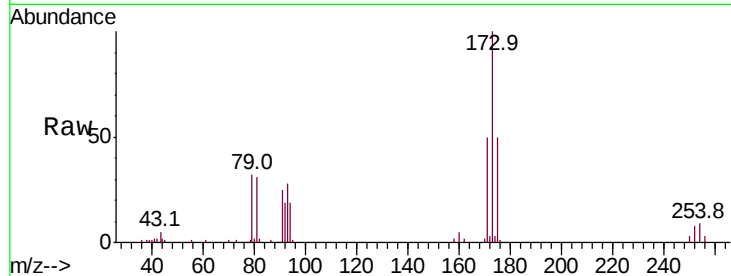




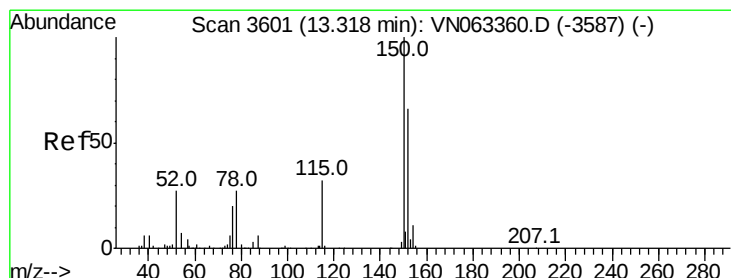
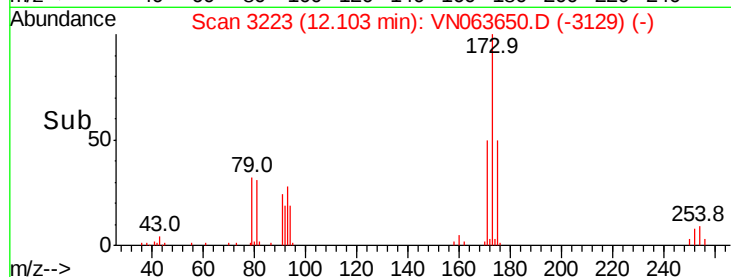
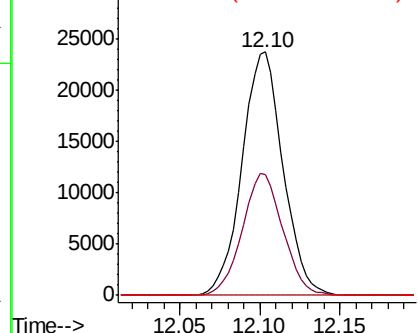
#71
Bromoform
Concen: 18.444 ug/l
RT: 12.10 min Scan# 3223
Delta R.T. 0.00 min
Lab File: VN063650.D
Acq: 25 Sep 2020 1:02

Instrument :
MSVOA_N
ClientSampleId :
VN0924WBSD02

Tot Ion:173 Resp: 41436
Ion Ratio Lower Upper
173 100
175 49.5 24.0 72.0
254 0.0 0.0 0.0

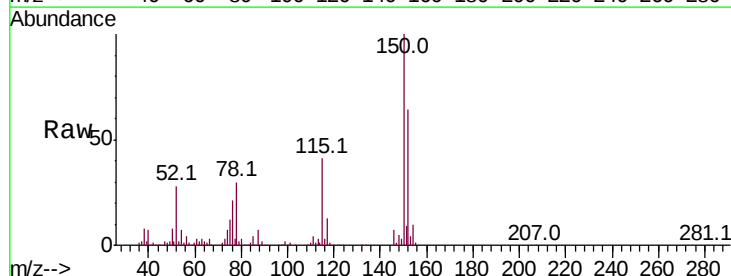


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

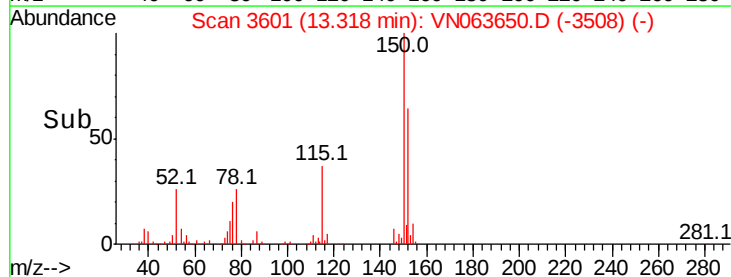
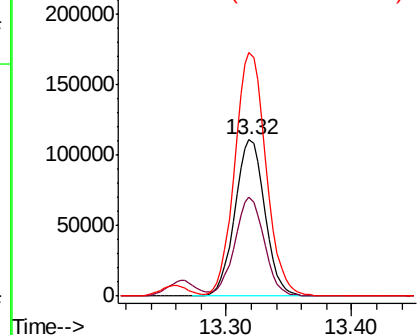


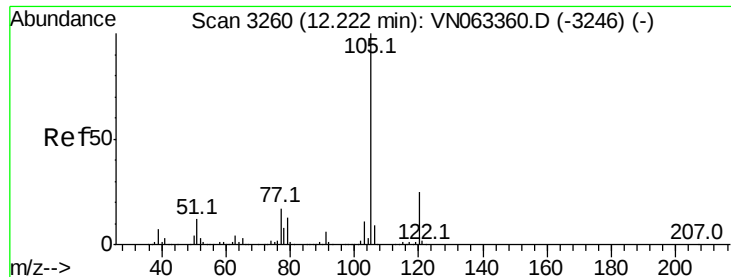
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. -0.00 min
Lab File: VN063650.D
Acq: 25 Sep 2020 1:02

Tgt Ion:152 Resp: 183513
Ion Ratio Lower Upper
152 100
115 62.7 32.2 96.6
150 161.0 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: 18.305 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063650.D

Acq: 25 Sep 2020 1:02

Instrument :

MSVOA_N

ClientSampleId :

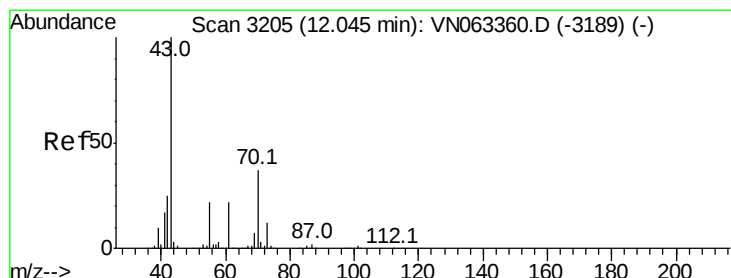
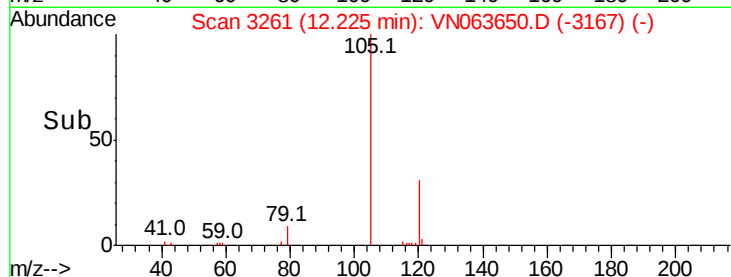
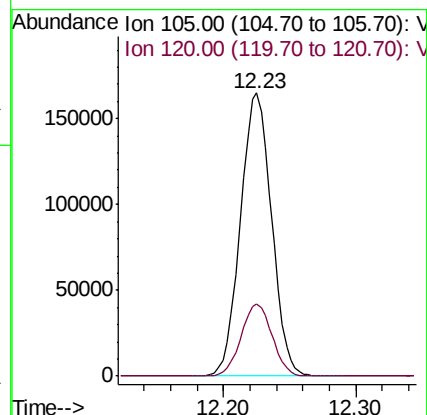
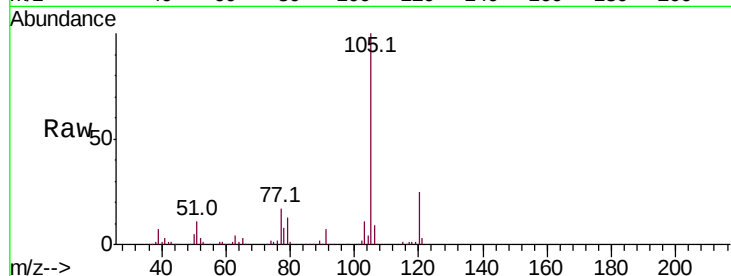
VN0924WBSD02

Tot Ion:105 Resp: 269187

Ion Ratio Lower Upper

105 100

120 25.4 12.7 38.0



#74

N-ethyl acetate

Concen: 16.673 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. -0.00 min

Lab File: VN063650.D

Acq: 25 Sep 2020 1:02

Tgt Ion: 43 Resp: 116063

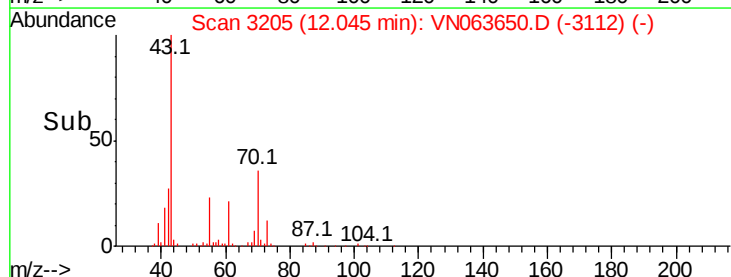
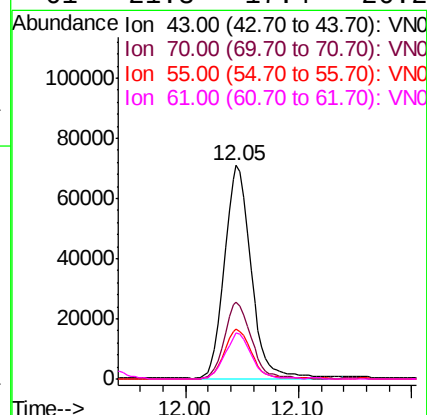
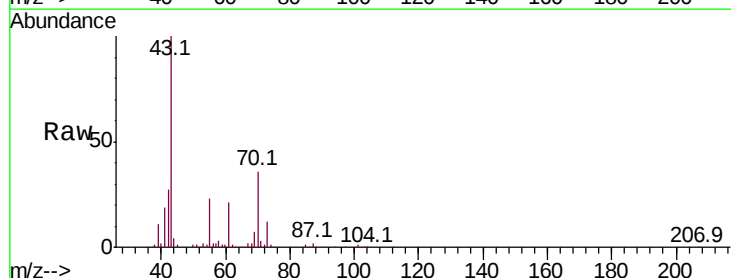
Ion Ratio Lower Upper

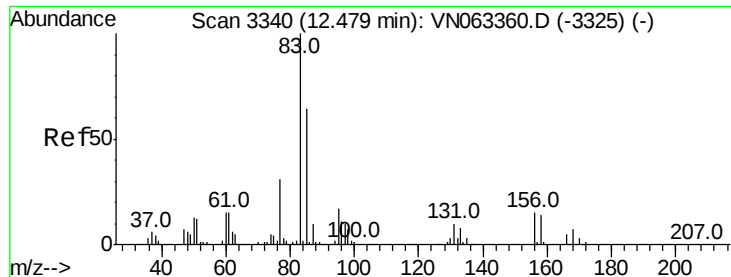
43 100

70 36.4 29.6 44.4

55 23.6 17.7 26.5

61 21.3 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 18.811 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063650.D

Acq: 25 Sep 2020 1:02

Instrument :

MSVOA_N

ClientSampleId :

VN0924WBSD02

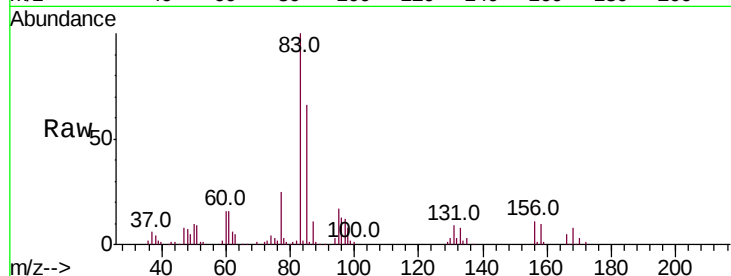
Tot Ion: 83 Resp: 85652

Ion Ratio Lower Upper

83 100

131 9.7 4.9 14.7

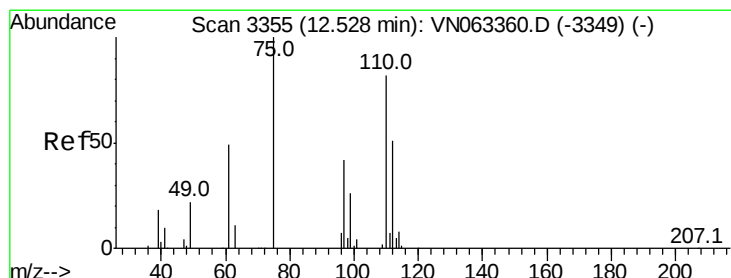
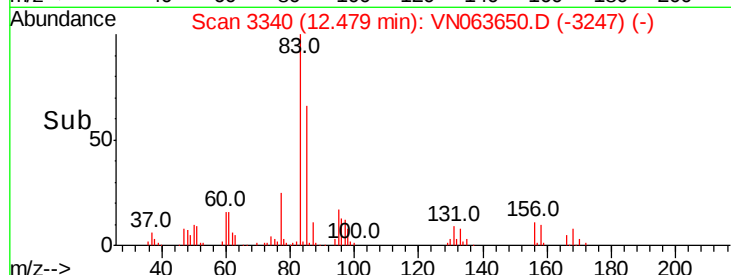
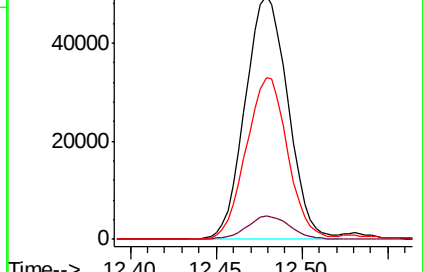
85 64.4 32.0 96.0



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

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

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



#76

1,2,3-Trichloropropane

Concen: 24.805 ug/l

RT: 12.53 min Scan# 3356

Delta R.T. 0.00 min

Lab File: VN063650.D

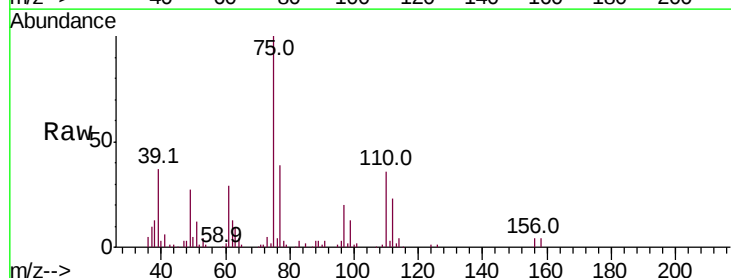
Acq: 25 Sep 2020 1:02

Tgt Ion: 75 Resp: 112671

Ion Ratio Lower Upper

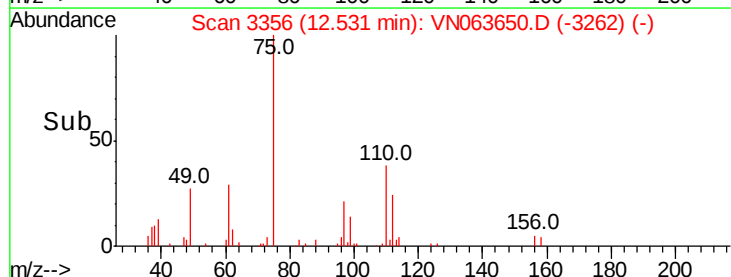
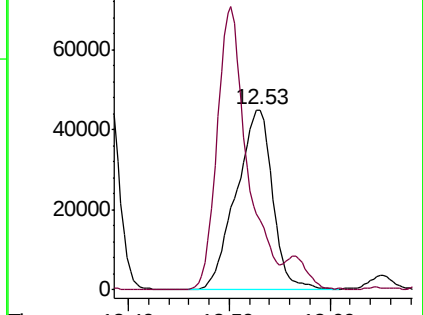
75 100

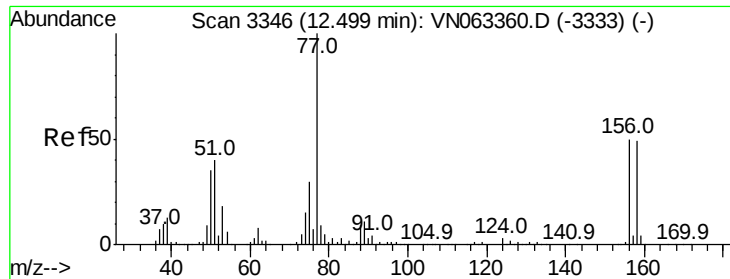
77 0.0 0.0 0.0



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

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





#77

Bromobenzene

Concen: 19.636 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. 0.00 min

Lab File: VN063650.D

Acq: 25 Sep 2020 1:02

Instrument :

MSVOA_N

ClientSampleId :

VN0924WBSD02

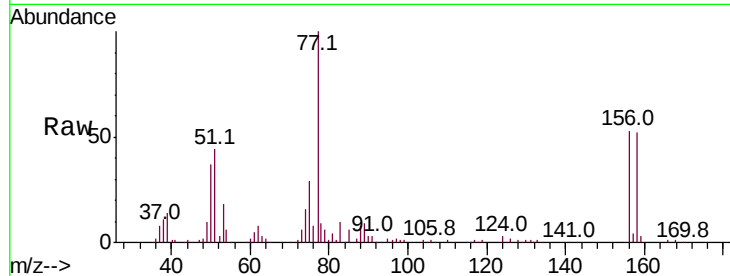
Tot Ion:156 Resp: 64956

Ion Ratio Lower Upper

156 100

77 226.2 120.2 360.6

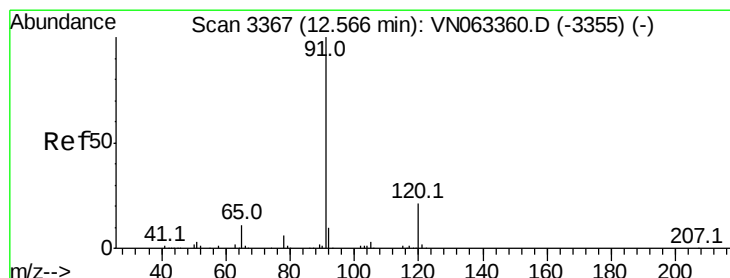
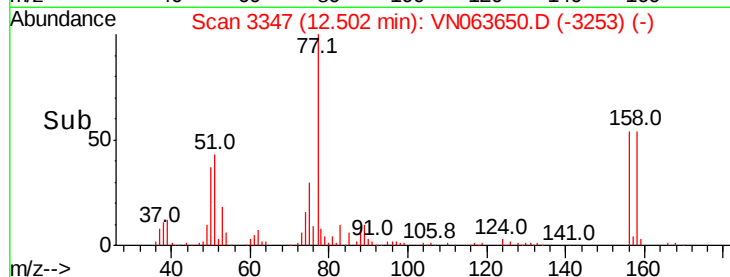
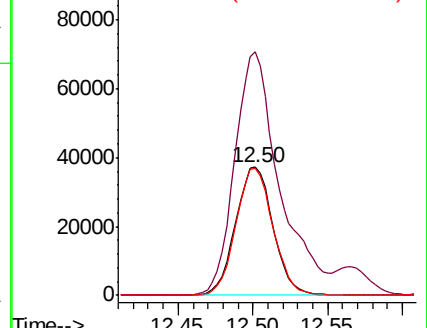
158 98.6 48.9 146.6



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: 18.240 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063650.D

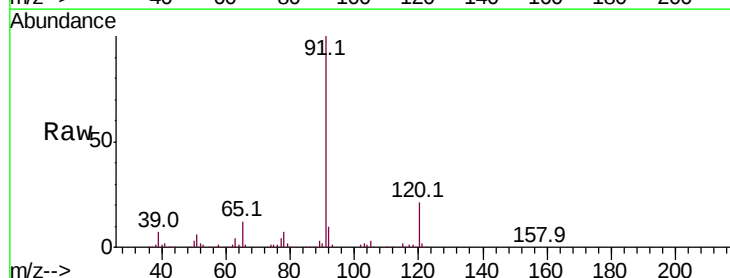
Acq: 25 Sep 2020 1:02

Tgt Ion: 91 Resp: 312414

Ion Ratio Lower Upper

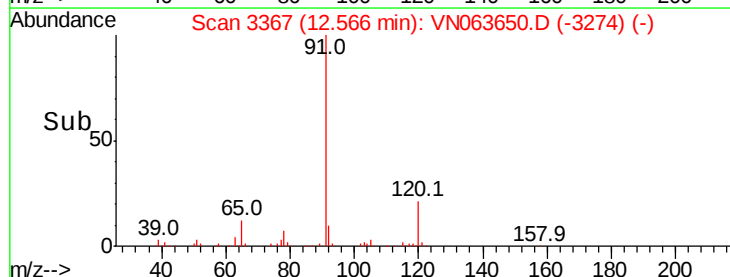
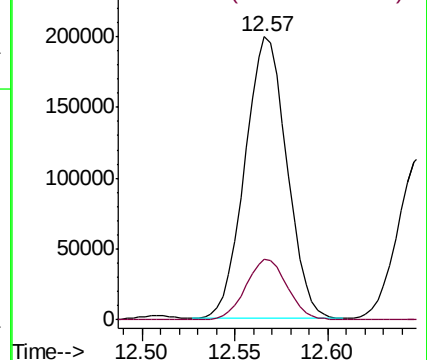
91 100

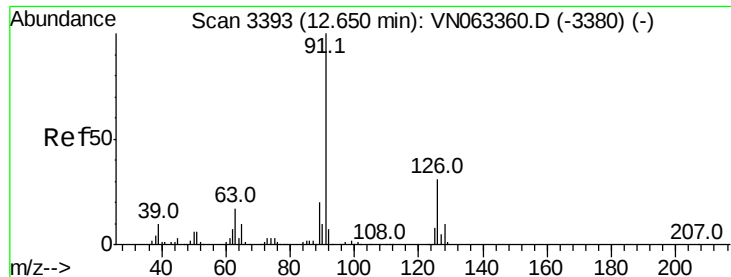
120 21.3 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.464 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. -0.00 min

Lab File: VN063650.D

Acq: 25 Sep 2020 1:02

Instrument :

MSVOA_N

ClientSampleId :

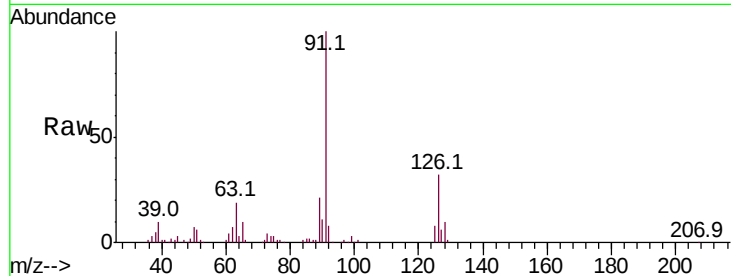
VN0924WBSD02

Tot Ion: 91 Resp: 189574

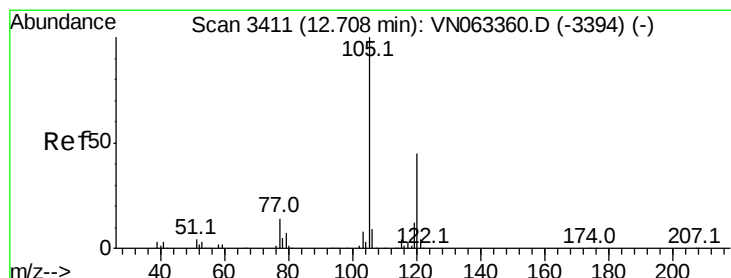
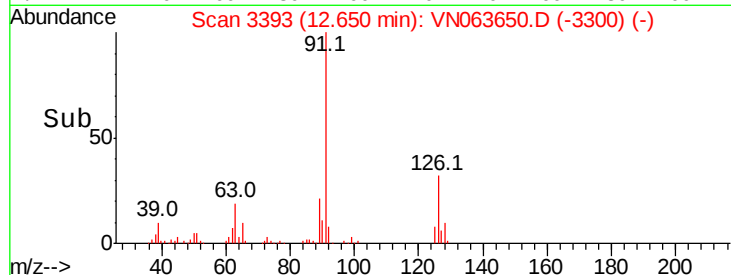
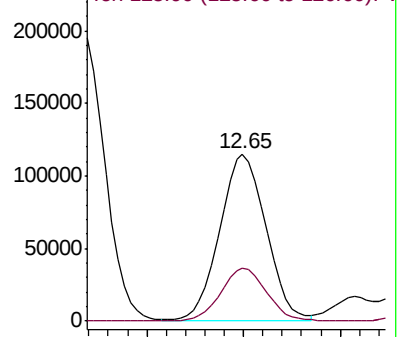
Ion Ratio Lower Upper

91 100

126 32.1 15.8 47.3



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



#80

1,3,5-Trimethylbenzene

Concen: 18.546 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN063650.D

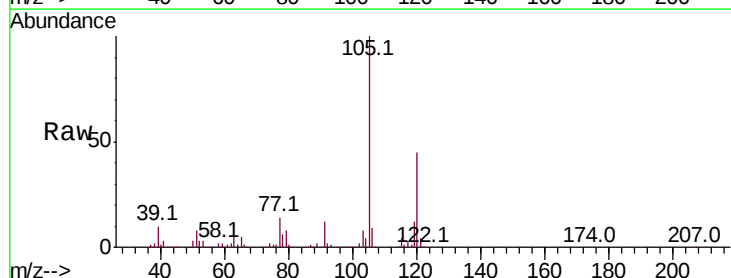
Acq: 25 Sep 2020 1:02

Tgt Ion: 105 Resp: 227421

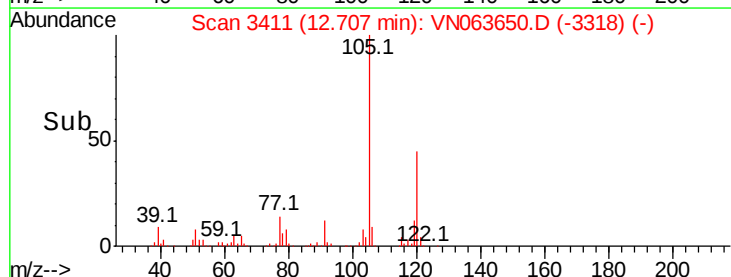
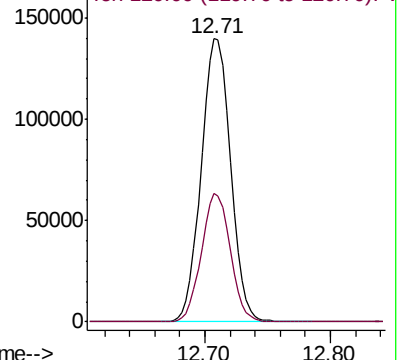
Ion Ratio Lower Upper

105 100

120 44.6 22.9 68.8



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





#81

trans-1,4-Dichloro-2-butene

Concen: 14.763 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN063650.D

Acq: 25 Sep 2020 1:02

Instrument :

MSVOA_N

ClientSampleId :

VN0924WBSD02

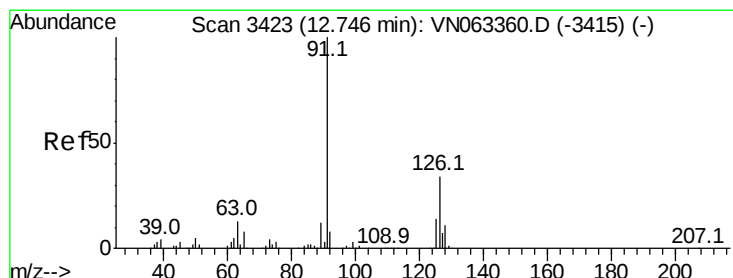
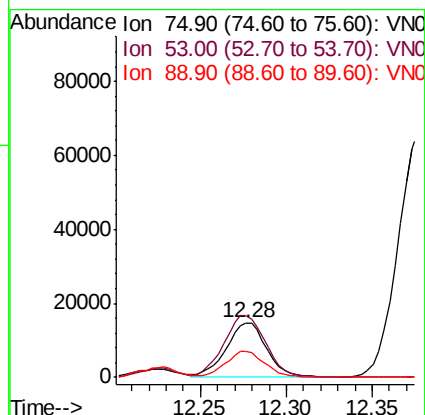
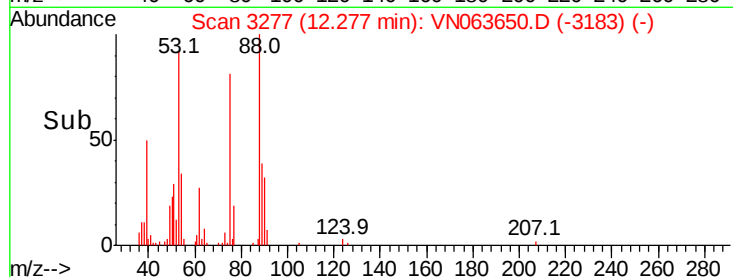
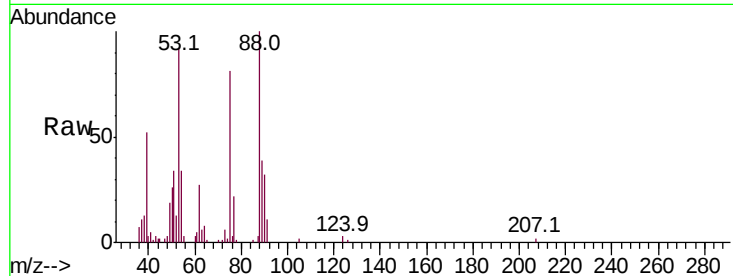
Tot Ion: 75 Resp: 24459

Ion Ratio Lower Upper

75 100

53 117.6 85.7 128.5

89 45.7 38.0 57.0



#82

4-Chlorotoluene

Concen: 18.111 ug/l

RT: 12.75 min Scan# 3424

Delta R.T. 0.00 min

Lab File: VN063650.D

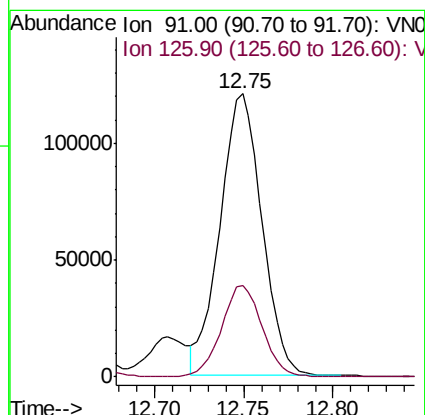
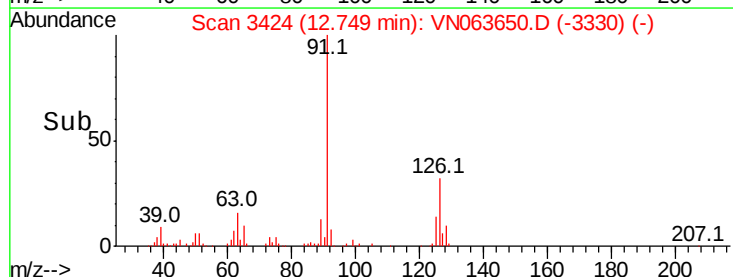
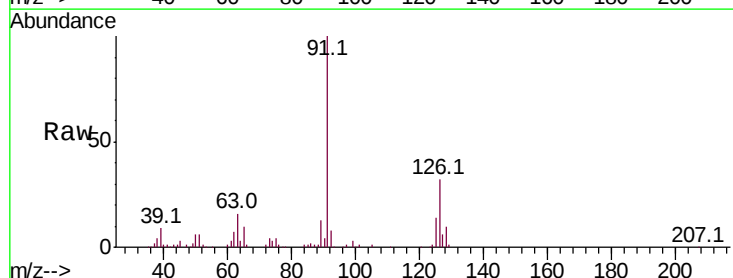
Acq: 25 Sep 2020 1:02

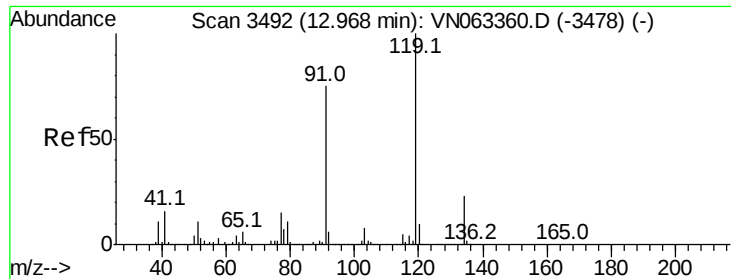
Tgt Ion: 91 Resp: 196478

Ion Ratio Lower Upper

91 100

126 31.3 15.5 46.5





#83

tert-Butylbenzene

Concen: 18.022 ug/l

RT: 12.97 min Scan# 3492

Delta R.T. -0.00 min

Lab File: VN063650.D

Acq: 25 Sep 2020 1:02

Instrument :

MSVOA_N

ClientSampleId :

VN0924WBSD02

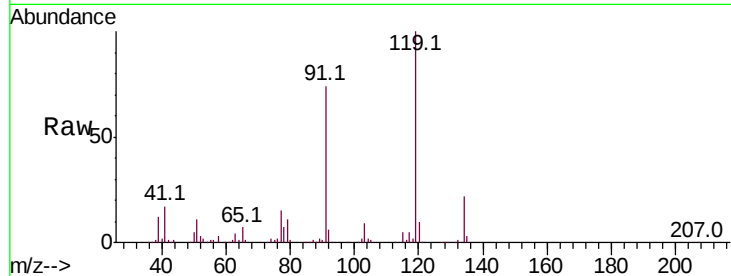
Tot Ion:119 Resp: 182395

Ion Ratio Lower Upper

119 100

91 71.9 36.3 108.9

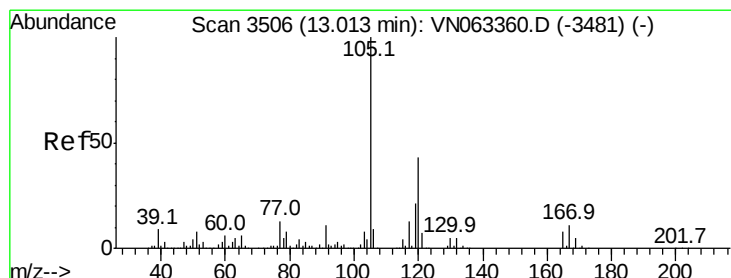
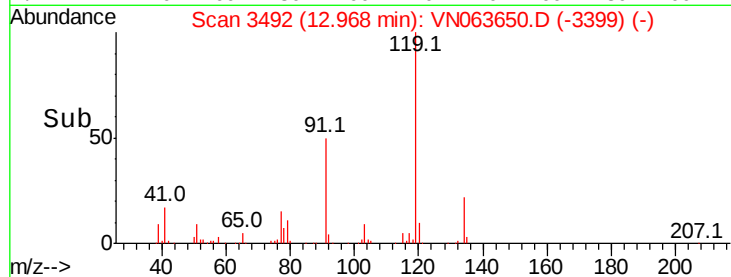
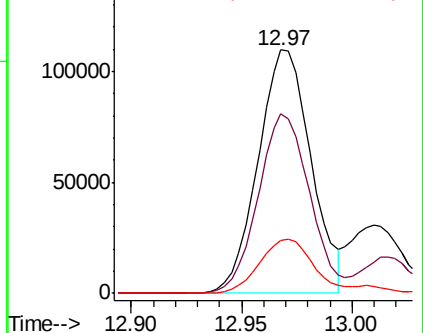
134 22.8 12.3 36.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 18.340 ug/l

RT: 13.02 min Scan# 3507

Delta R.T. 0.00 min

Lab File: VN063650.D

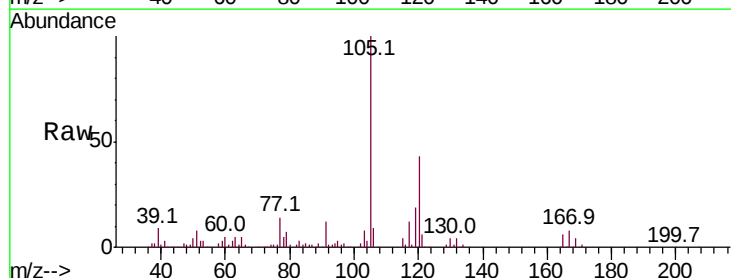
Acq: 25 Sep 2020 1:02

Tgt Ion:105 Resp: 227163

Ion Ratio Lower Upper

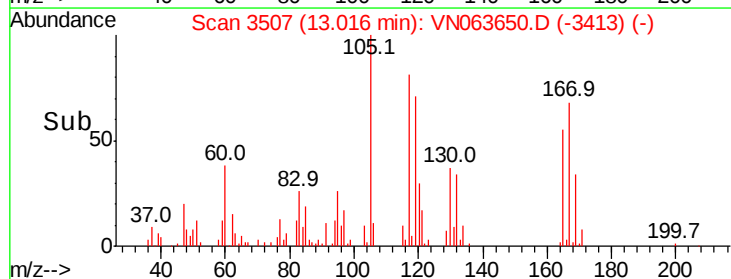
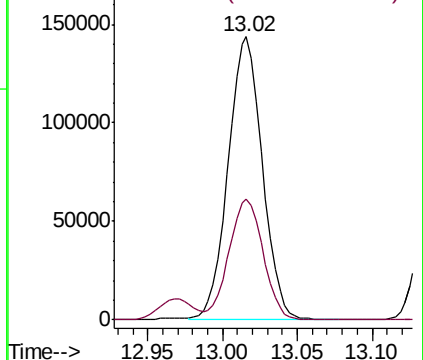
105 100

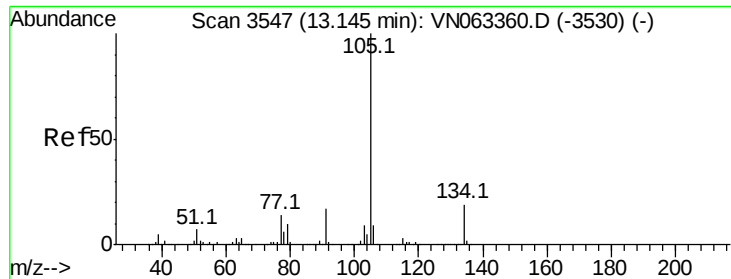
120 43.2 21.3 63.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

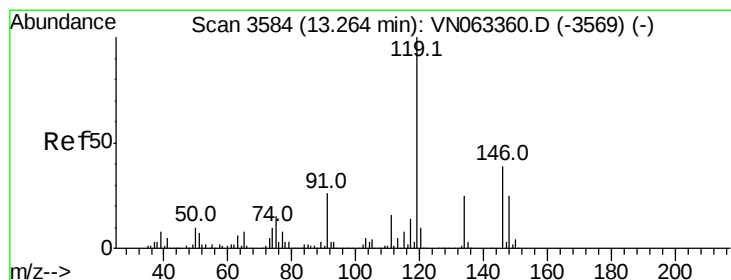
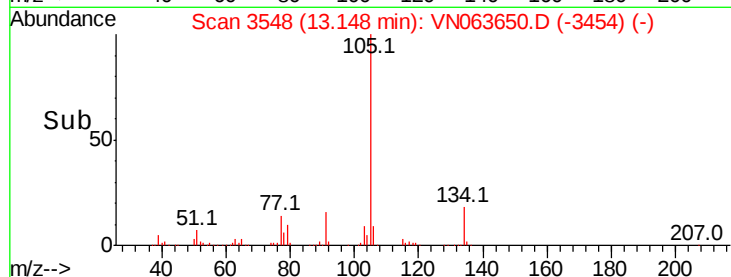
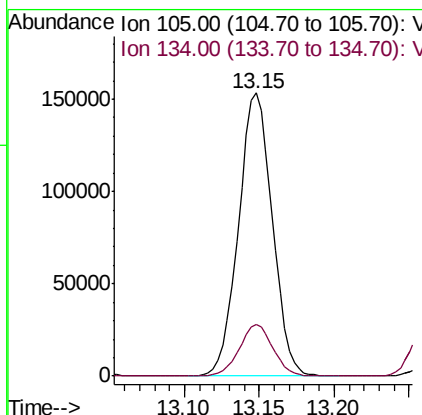
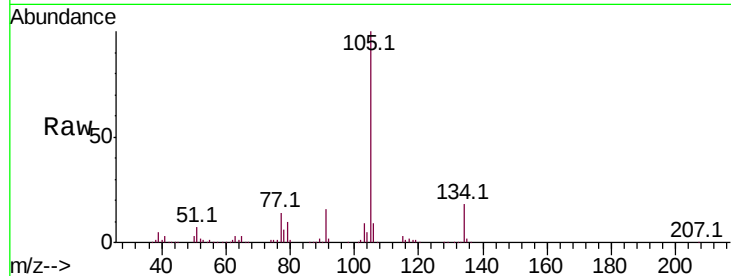




#85
 sec-Butylbenzene
 Concen: 17.730 ug/l
 RT: 13.15 min Scan# 3548
 Delta R.T. 0.00 min
 Lab File: VN063650.D
 Acq: 25 Sep 2020 1:02

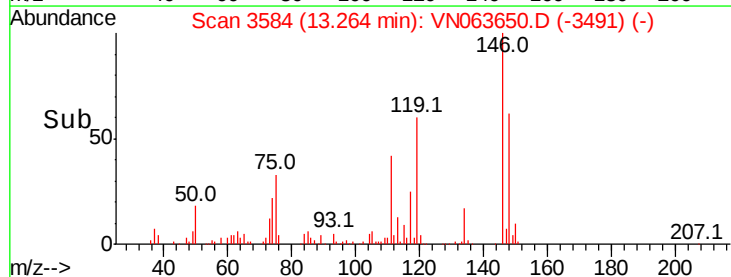
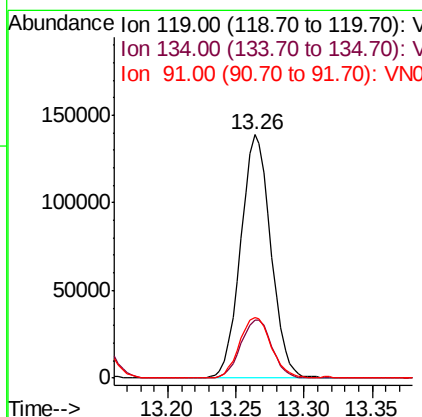
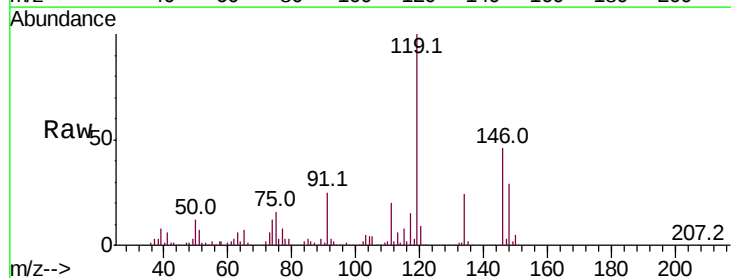
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBSD02

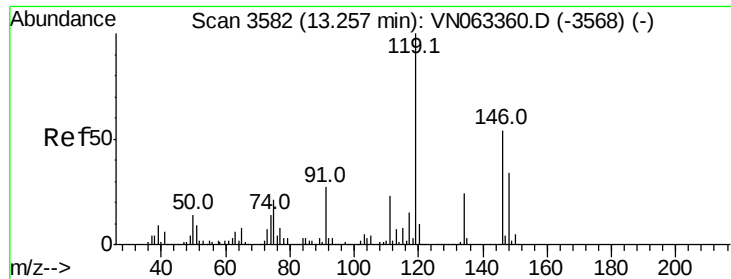
Tot Ion:105 Resp: 240197
 Ion Ratio Lower Upper
 105 100
 134 18.1 9.3 27.7



#86
 p-Isopropyltoluene
 Concen: 17.818 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. -0.00 min
 Lab File: VN063650.D
 Acq: 25 Sep 2020 1:02

Tgt Ion:119 Resp: 212904
 Ion Ratio Lower Upper
 119 100
 134 24.7 12.5 37.5
 91 26.3 13.4 40.1

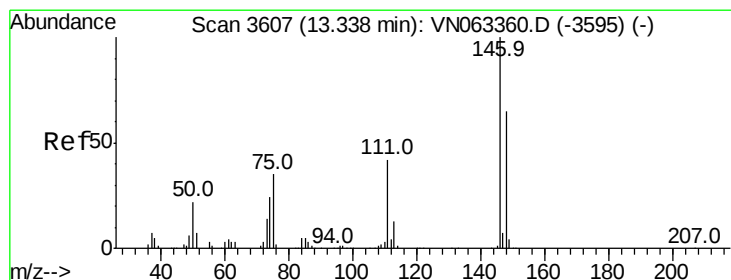
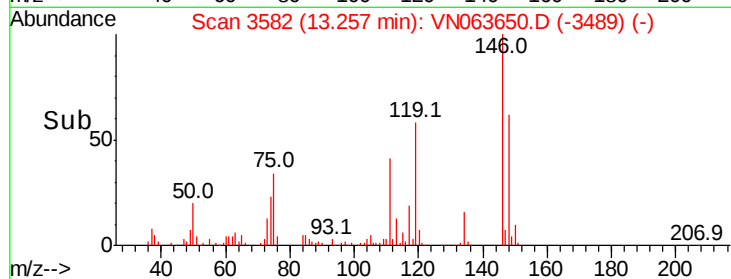
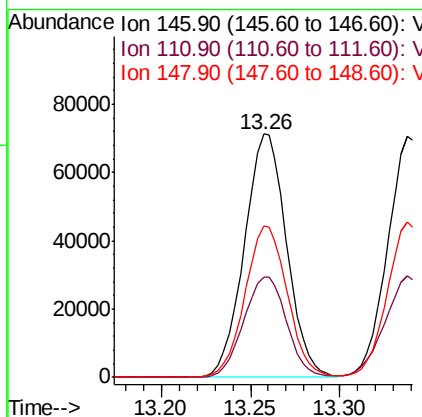
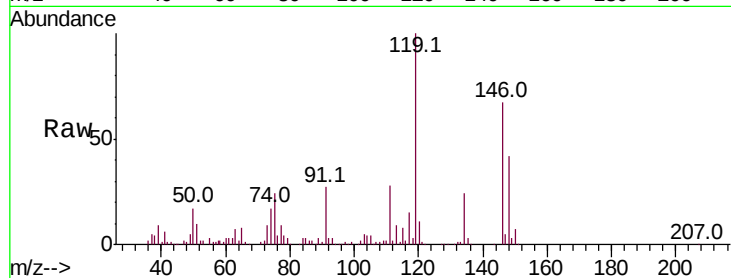




#87
 1,3-Dichlorobenzene
 Concen: 19.306 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN063650.D
 Acq: 25 Sep 2020 1:02

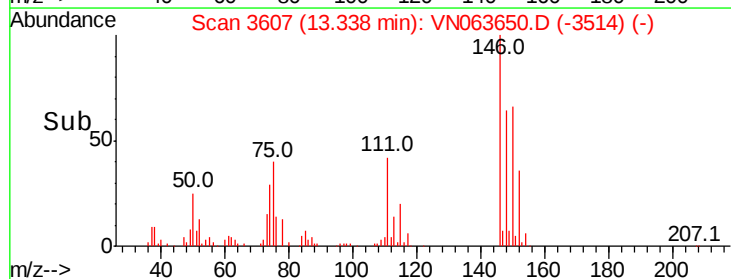
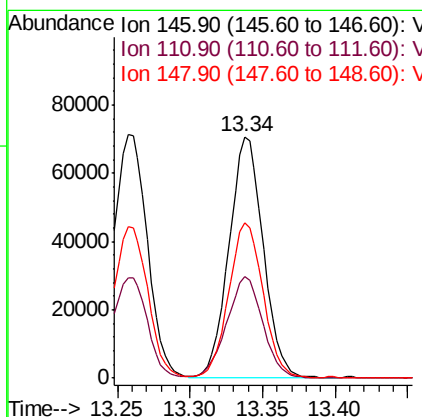
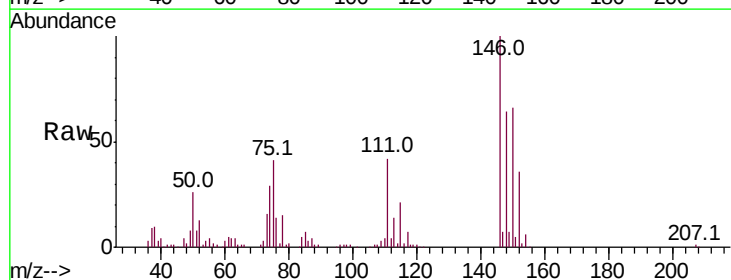
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBSD02

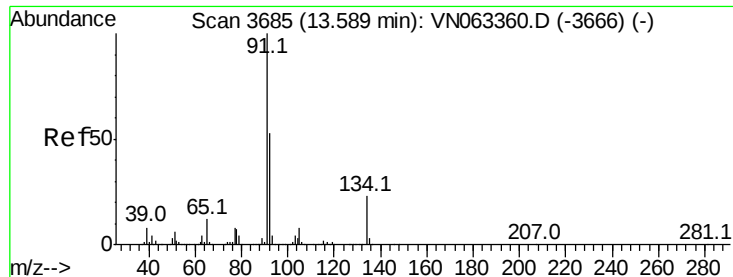
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.9	21.4	64.3
148	62.2	31.9	95.7



#88
 1,4-Dichlorobenzene
 Concen: 18.433 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. -0.00 min
 Lab File: VN063650.D
 Acq: 25 Sep 2020 1:02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.9	21.2	63.6
148	64.6	31.9	95.9





#89

n-Butylbenzene

Concen: 16.407 ug/l

RT: 13.59 min Scan# 3686

Delta R.T. 0.00 min

Lab File: VN063650.D

Acq: 25 Sep 2020 1:02

Instrument :

MSVOA_N

ClientSampleId :

VN0924WBSD02

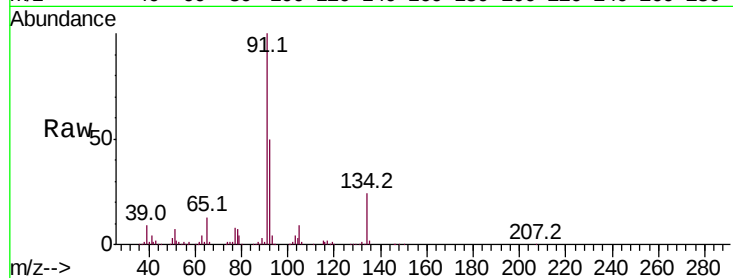
Tot Ion: 91 Resp: 180706

Ion Ratio Lower Upper

91 100

92 50.9 26.0 78.0

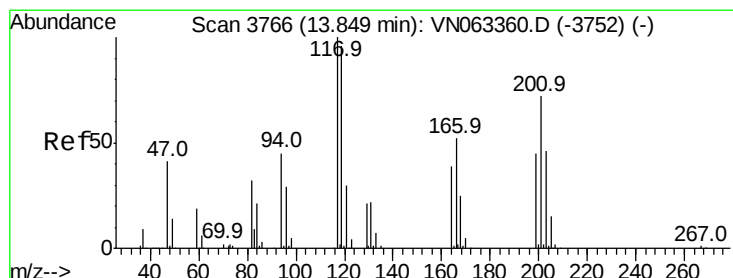
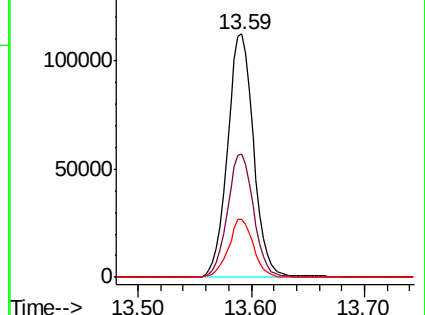
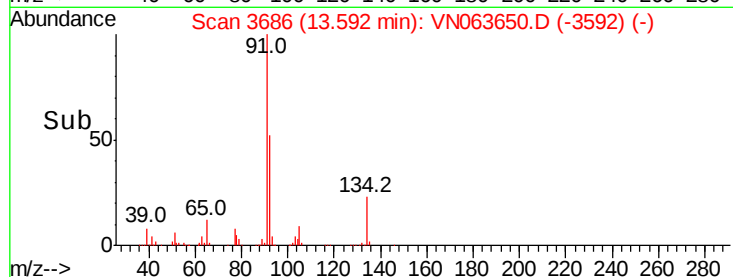
134 22.9 11.7 35.0



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

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

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



#90

Hexachloroethane

Concen: 16.690 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. -0.00 min

Lab File: VN063650.D

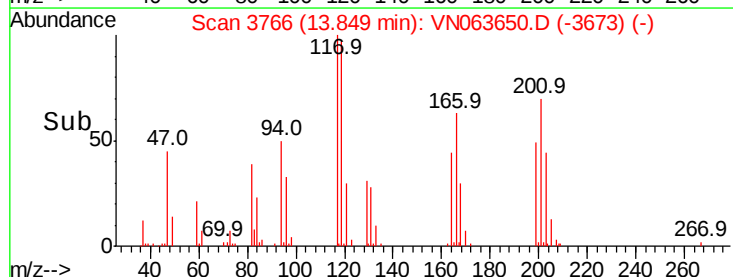
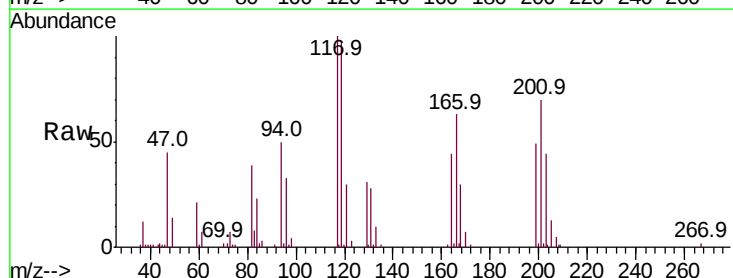
Acq: 25 Sep 2020 1:02

Tgt Ion: 117 Resp: 37974

Ion Ratio Lower Upper

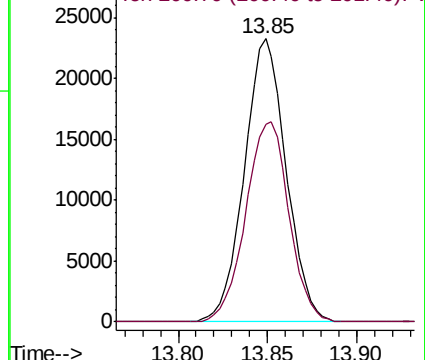
117 100

201 73.2 35.5 106.7



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

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

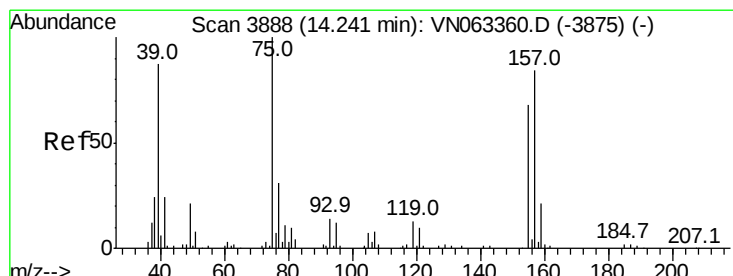
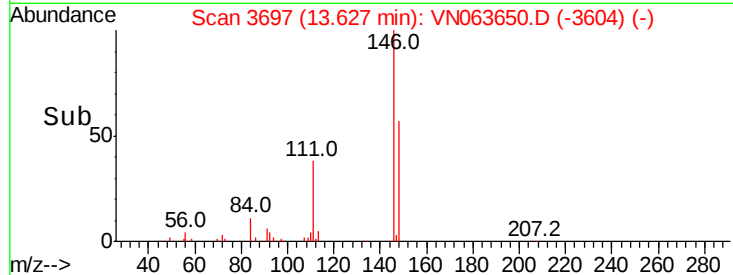
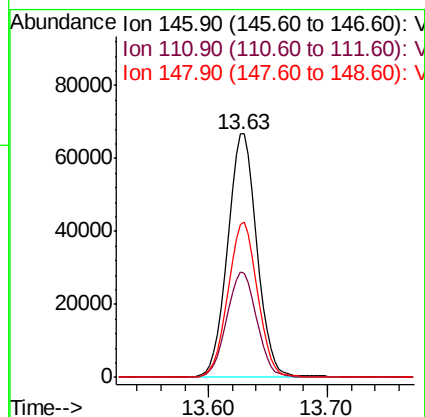
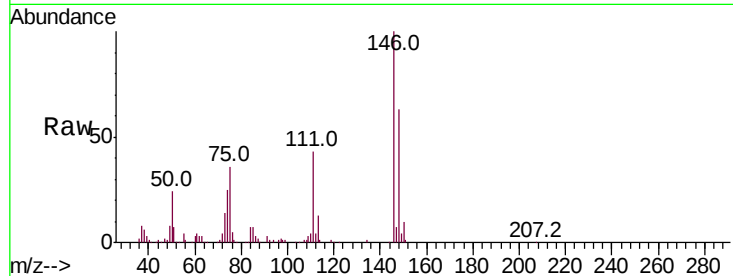




#91
 1,2-Dichlorobenzene
 Concen: 19.010 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: VN063650.D
 Acq: 25 Sep 2020 1:02

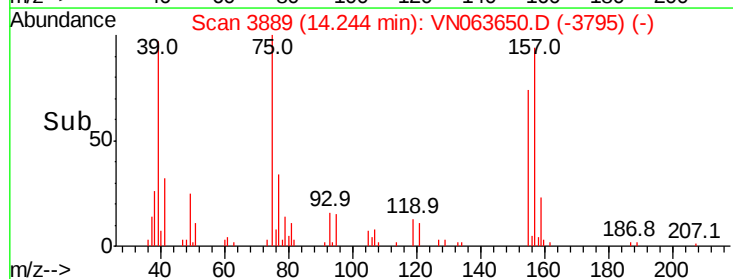
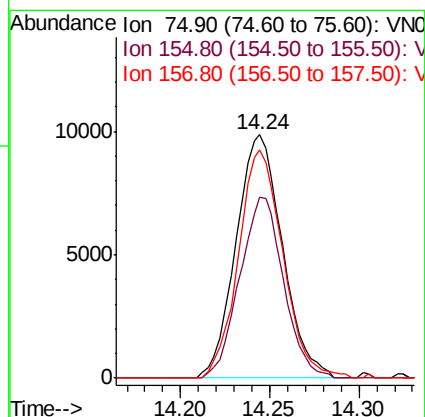
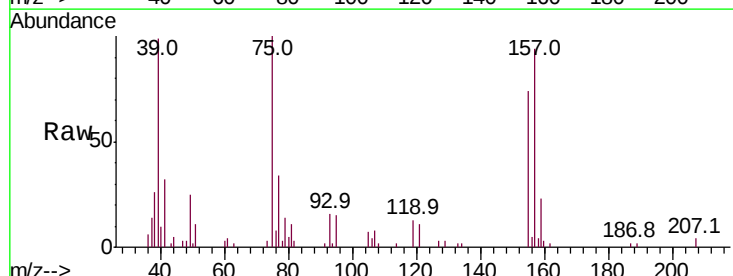
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBSD02

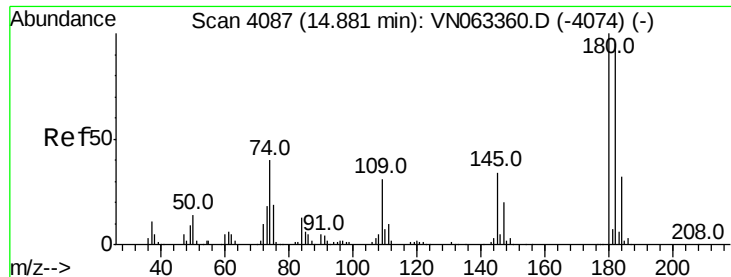
Tot Ion	Ratio	Lower	Upper
146	100		
111	44.2	22.4	67.2
148	63.9	32.0	96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.496 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN063650.D
 Acq: 25 Sep 2020 1:02

Tgt Ion	Ratio	Lower	Upper
75	100		
155	70.3	34.6	103.9
157	90.3	43.7	131.1





#93

1,2,4-Trichlorobenzene

Concen: 16.925 ug/l

RT: 14.88 min Scan# 4088

Delta R.T. 0.00 min

Lab File: VN063650.D

Acq: 25 Sep 2020 1:02

Instrument :

MSVOA_N

ClientSampleId :

VN0924WBSD02

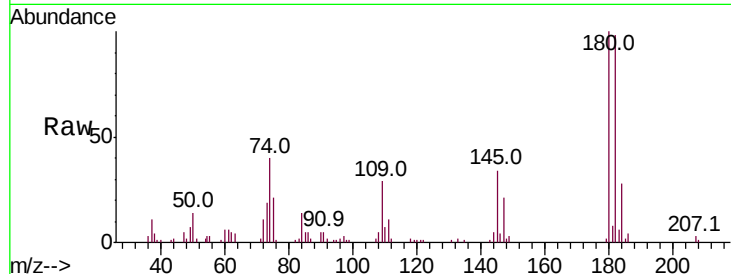
Tot Ion:180 Resp: 60061

Ion Ratio Lower Upper

180 100

182 93.7 47.3 142.0

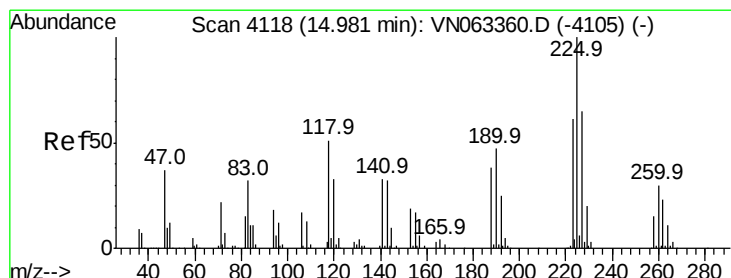
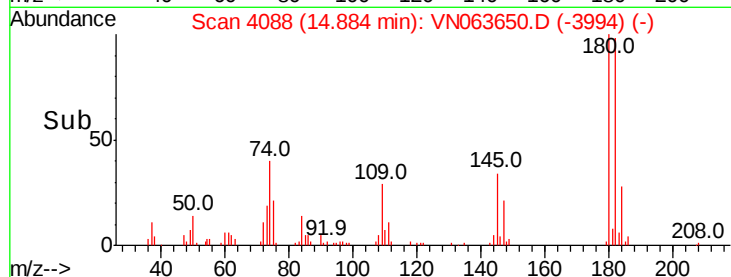
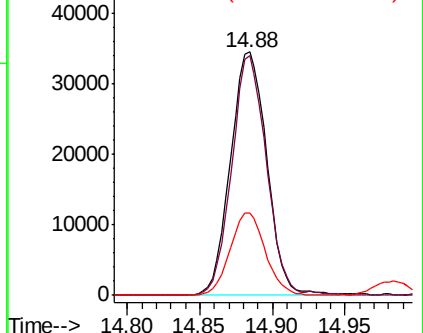
145 32.7 16.6 49.7



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: 19.519 ug/l

RT: 14.98 min Scan# 4119

Delta R.T. 0.00 min

Lab File: VN063650.D

Acq: 25 Sep 2020 1:02

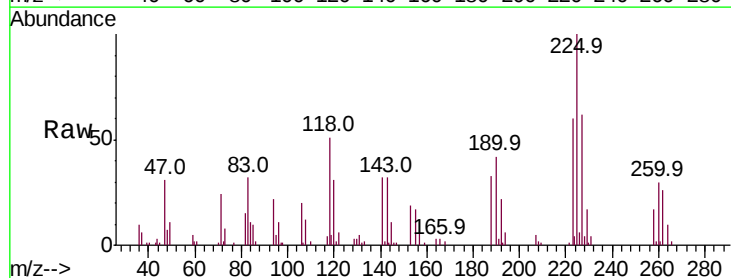
Tgt Ion:225 Resp: 28675

Ion Ratio Lower Upper

225 100

223 61.8 30.6 91.6

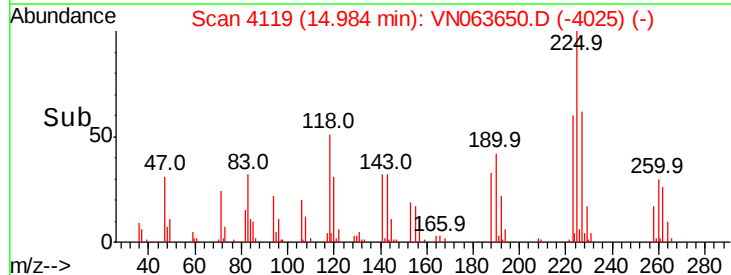
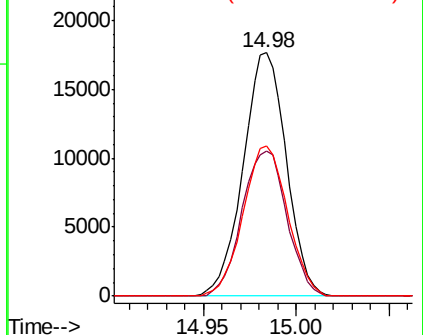
227 63.3 31.2 93.6

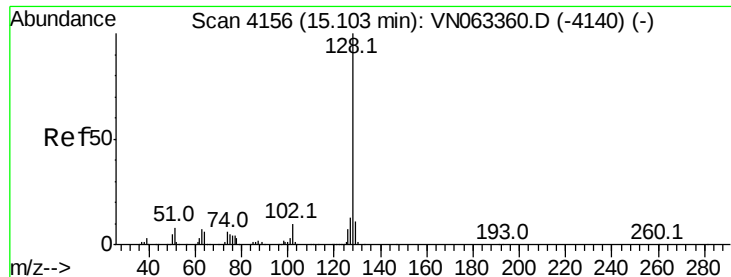


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 16.126 ug/l

RT: 15.11 min Scan# 4157

Delta R.T. 0.00 min

Lab File: VN063650.D

Acq: 25 Sep 2020 1:02

Instrument :

MSVOA_N

ClientSampleId :

VN0924WBSD02

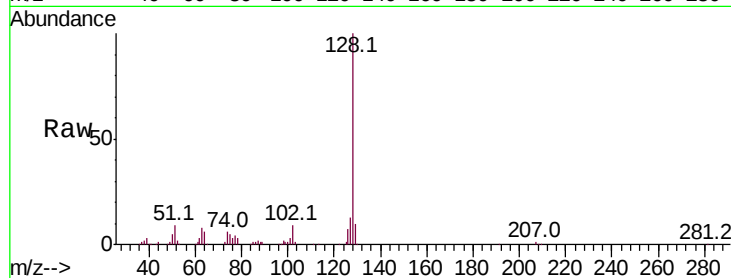
Tot Ion:128 Resp: 189069

Ion Ratio Lower Upper

128 100

127 13.1 10.6 15.8

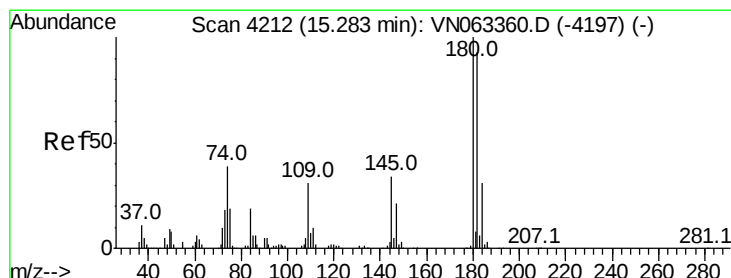
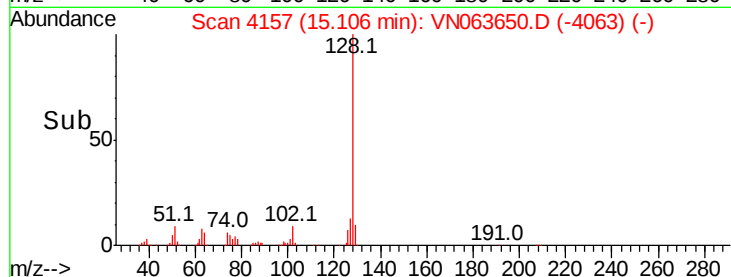
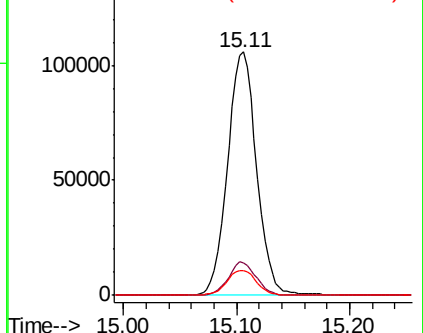
129 10.6 8.8 13.2



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: 17.257 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. -0.00 min

Lab File: VN063650.D

Acq: 25 Sep 2020 1:02

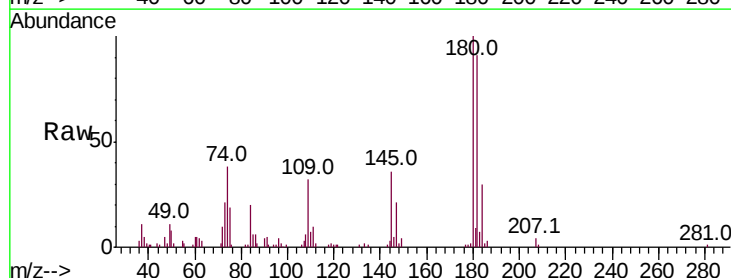
Tgt Ion:180 Resp: 59172

Ion Ratio Lower Upper

180 100

182 93.3 46.7 140.1

145 35.1 16.8 50.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

