

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092820\
 Data File : VN063701.D
 Acq On : 28 Sep 2020 13:28
 Operator : JC/MD
 Sample : VN0928WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0928WBS01

Quant Time: Sep 29 00:38:56 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	234223	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	403598	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	372340	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	175901	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	209171	52.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.92%	
35) Dibromofluoromethane	7.55	113	145575	52.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.20%	
50) Toluene-d8	10.06	98	525851	50.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.10%	
62) 4-Bromofluorobenzene	12.38	95	193937	50.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	44341	16.710	ug/l	96
3) Chloromethane	2.04	50	56698	16.152	ug/l	98
4) Vinyl Chloride	2.16	62	55336	17.792	ug/l	98
5) Bromomethane	2.53	94	39012	21.126	ug/l	97
6) Chloroethane	2.67	64	36570	19.155	ug/l	92
7) Trichlorofluoromethane	2.99	101	93972	20.252	ug/l	98
8) Diethyl Ether	3.38	74	31390	17.353	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	48581	18.616	ug/l	96
10) Methyl Iodide	3.91	142	58642	17.260	ug/l	98
11) Tert butyl alcohol	4.73	59	46363	83.937	ug/l	96
12) 1,1-Dichloroethene	3.70	96	44976	17.016	ug/l	96
13) Acrolein	3.57	56	13991	68.351	ug/l	95
14) Allyl chloride	4.27	41	88751	16.975	ug/l	93
15) Acrylonitrile	4.93	53	128421	91.403	ug/l	96
16) Acetone	3.78	43	121380	94.726	ug/l	100
17) Carbon Disulfide	4.01	76	118846	15.458	ug/l	97
18) Methyl Acetate	4.28	43	70317	21.616	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	176465	17.913	ug/l	99
20) Methylene Chloride	4.50	84	59069	18.194	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	51156	17.469	ug/l	91
22) Diisopropyl ether	5.90	45	187268	17.563	ug/l	96
23) Vinyl Acetate	5.85	43	771946	88.150	ug/l	99
24) 1,1-Dichloroethane	5.80	63	108205	18.587	ug/l	99
25) 2-Butanone	6.79	43	184418	93.578	ug/l	97
26) 2,2-Dichloropropane	6.78	77	95269	18.587	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	60081	18.126	ug/l	97
28) Bromochloromethane	7.15	49	58167	21.640	ug/l	98
29) Tetrahydrofuran	7.17	42	121220	90.061	ug/l	98
30) Chloroform	7.33	83	113353	19.408	ug/l	99
31) Cyclohexane	7.61	56	86247	15.662	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	102058	19.646	ug/l	99
36) 1,1-Dichloropropene	7.76	75	75418	17.540	ug/l	98
37) Ethyl Acetate	6.88	43	83063	19.683	ug/l	97
38) Carbon Tetrachloride	7.73	117	84486	19.249	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.05	83	71533	15.329	ug/l	97
40) Benzene	8.00	78	230257	18.759	ug/l	100
41) Methacrylonitrile	7.17	41	119411	62.914	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	98803	20.017	ug/l	99
43) Isopropyl Acetate	8.13	43	134278	17.795	ug/l	99
44) Trichloroethene	8.80	130	56724	19.054	ug/l	97
45) 1,2-Dichloropropane	9.09	63	64929	19.423	ug/l	93
46) Dibromomethane	9.18	93	43008	19.574	ug/l	99
47) Bromodichloromethane	9.37	83	87679	19.208	ug/l #	97
48) Methyl methacrylate	9.17	41	64873	17.499	ug/l	98
49) 1,4-Dioxane	9.16	88	19109	359.175	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	411198	97.338	ug/l	98
52) Toluene	10.13	92	140234	19.003	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	94899	18.623	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	99129	18.442	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	58472	19.948	ug/l	99
56) Ethyl methacrylate	10.40	69	79810	17.441	ug/l	97
57) 1,3-Dichloropropane	10.68	76	99784	18.877	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	201922	84.117	ug/l	97
59) 2-Hexanone	10.72	43	294562	96.247	ug/l	97
60) Dibromochloromethane	10.87	129	63234	19.095	ug/l	100
61) 1,2-Dibromoethane	10.97	107	59927	19.678	ug/l	98
64) Tetrachloroethene	10.60	164	53203	20.984	ug/l	96
65) Chlorobenzene	11.41	112	150618	19.057	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	59469	20.526	ug/l	96
67) Ethyl Benzene	11.49	91	270050	18.143	ug/l	99
68) m/p-Xylenes	11.60	106	200942	37.444	ug/l	97
69) o-Xylene	11.92	106	93702	18.329	ug/l	98
70) Styrene	11.94	104	161323	18.818	ug/l	99
71) Bromoform	12.10	173	43118	19.977	ug/l #	97
73) Isopropylbenzene	12.23	105	258476	18.337	ug/l	100
74) N-amyl acetate	12.05	43	112542	16.867	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	84809	19.432	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	115761	26.589	ug/l #	100
77) Bromobenzene	12.50	156	64284	20.274	ug/l	93
78) n-propylbenzene	12.57	91	296437	18.056	ug/l	99
79) 2-Chlorotoluene	12.65	91	184143	18.711	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	219264	18.654	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	26217	16.509	ug/l	91
82) 4-Chlorotoluene	12.75	91	192671	18.529	ug/l	100
83) tert-Butylbenzene	12.97	119	175097	18.049	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	216645	18.248	ug/l	100
85) sec-Butylbenzene	13.14	105	233303	17.966	ug/l	99
86) p-Isopropyltoluene	13.26	119	208473	18.202	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	114713	19.519	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	113053	18.921	ug/l	98
89) n-Butylbenzene	13.59	91	174950	16.572	ug/l	98
90) Hexachloroethane	13.85	117	38021	17.434	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	111221	19.276	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	18241	17.551	ug/l	99

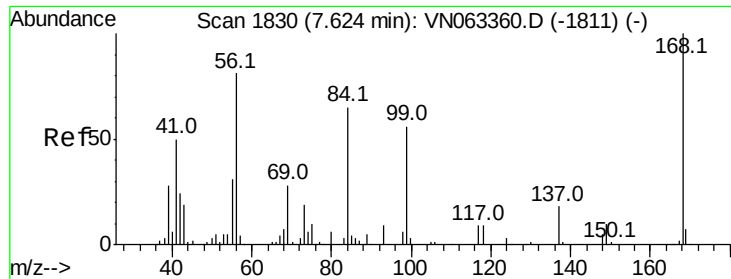
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092820\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	56728	16.677	ug/l	99
94) Hexachlorobutadiene	14.98	225	28457	20.208	ug/l	98
95) Naphthalene	15.10	128	172685	15.366	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	55382	16.851	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: VN063701.D

Acq: 28 Sep 2020 13:28

Instrument :

MSVOA_N

ClientSampleId :

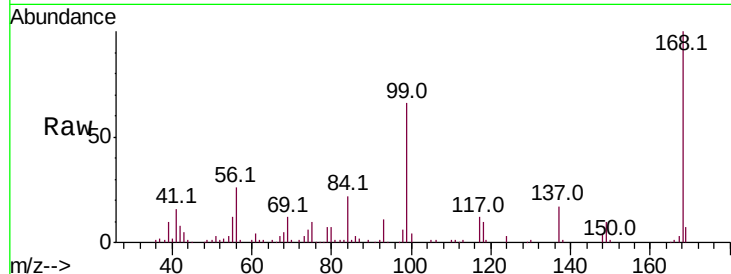
VN0928WBS01

Tot Ion:168 Resp: 234223

Ion Ratio Lower Upper

168 100

99 65.8 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

100000

80000

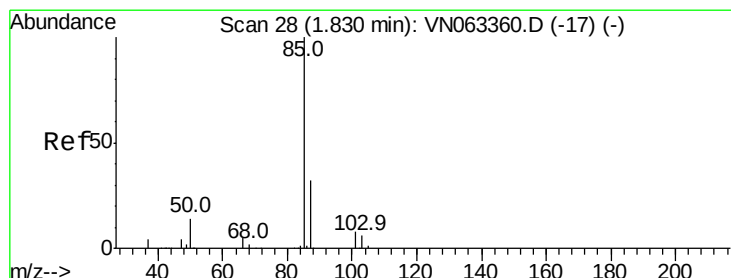
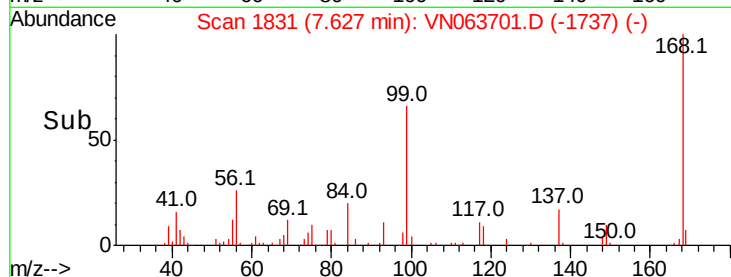
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 16.710 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063701.D

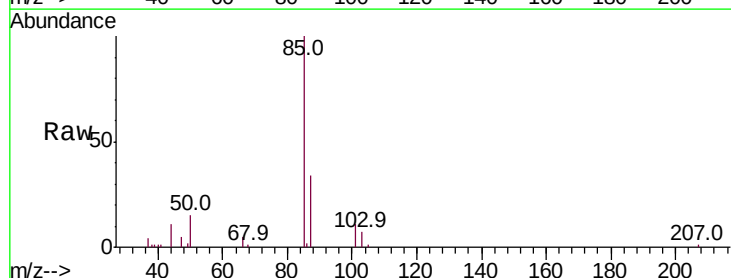
Acq: 28 Sep 2020 13:28

Tgt Ion: 85 Resp: 44341

Ion Ratio Lower Upper

85 100

87 34.0 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

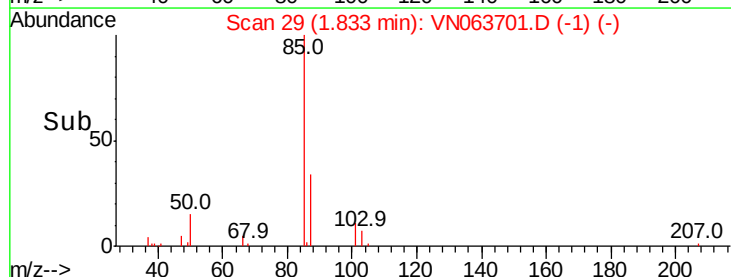
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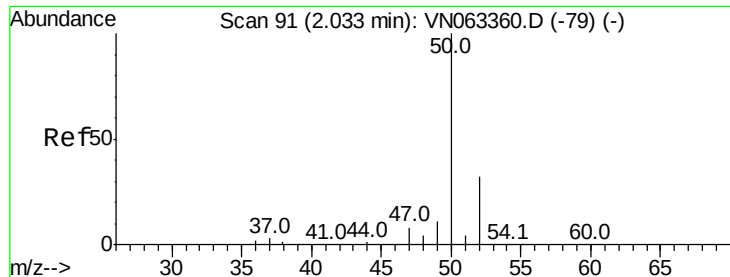
20000

10000

0

Time--> 1.80 1.85 1.90





#3

Chloromethane

Concen: 16.152 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.01 min

Lab File: VN063701.D

Acq: 28 Sep 2020 13:28

Instrument :

MSVOA_N

ClientSampleId :

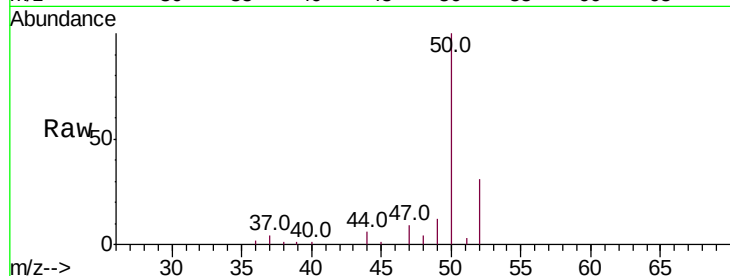
VN0928WBS01

Tot Ion: 50 Resp: 56698

Ion Ratio Lower Upper

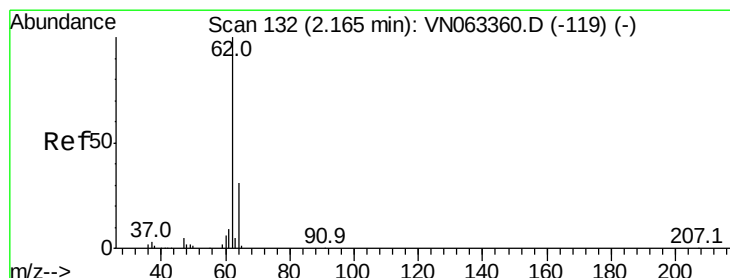
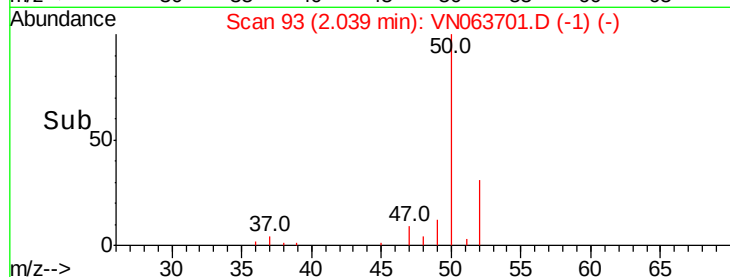
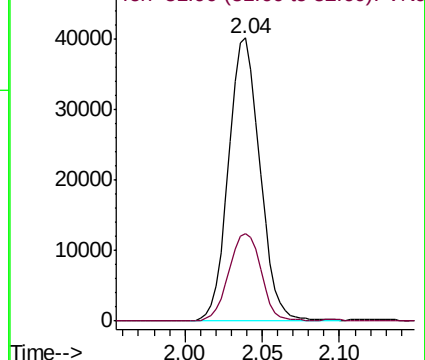
50 100

52 31.0 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 17.792 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN063701.D

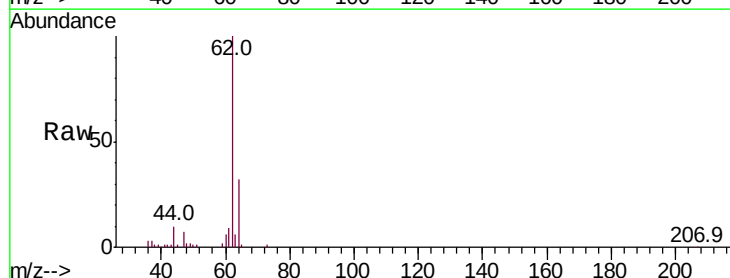
Acq: 28 Sep 2020 13:28

Tgt Ion: 62 Resp: 55336

Ion Ratio Lower Upper

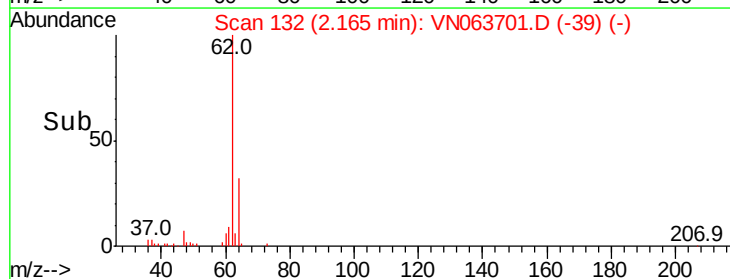
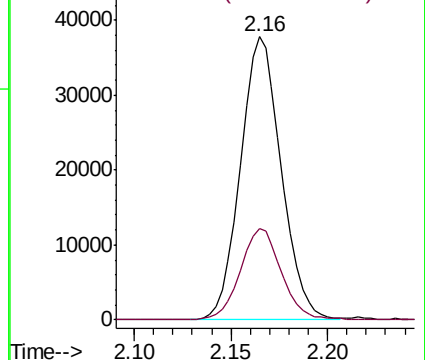
62 100

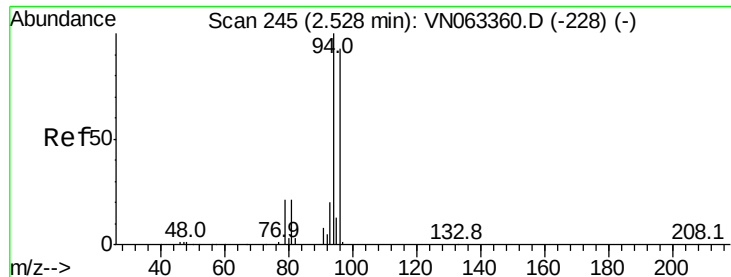
64 32.3 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

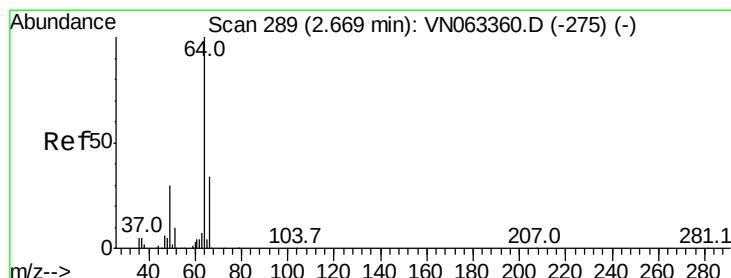
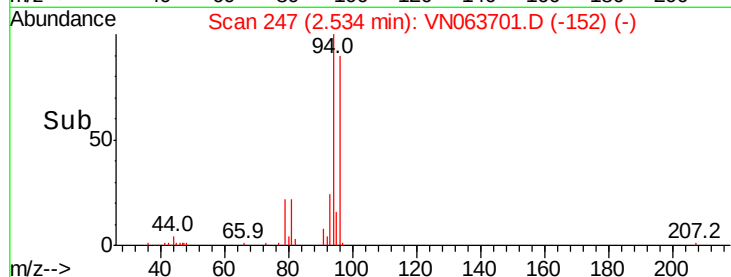
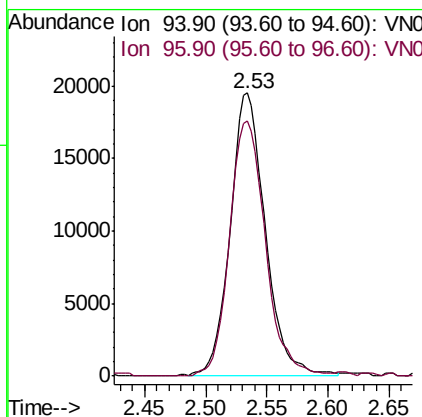
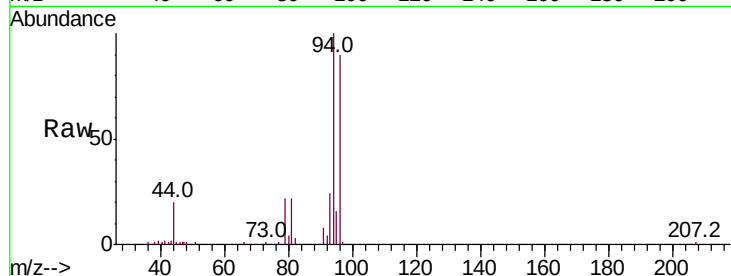




#5
Bromomethane
Concen: 21.126 ug/l
RT: 2.53 min Scan# 247
Delta R.T. 0.01 min
Lab File: VN063701.D
Acq: 28 Sep 2020 13:28

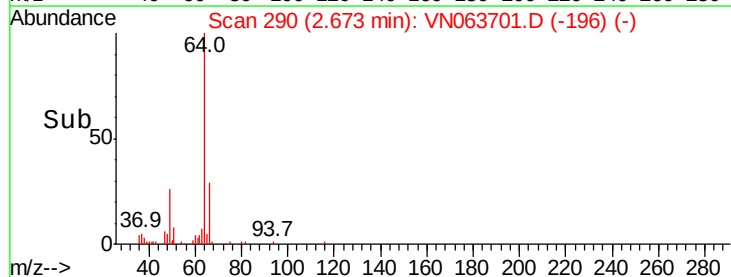
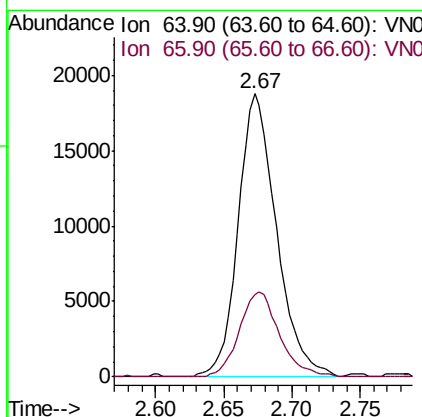
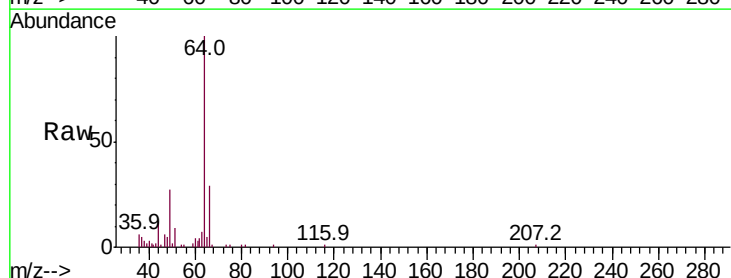
Instrument :
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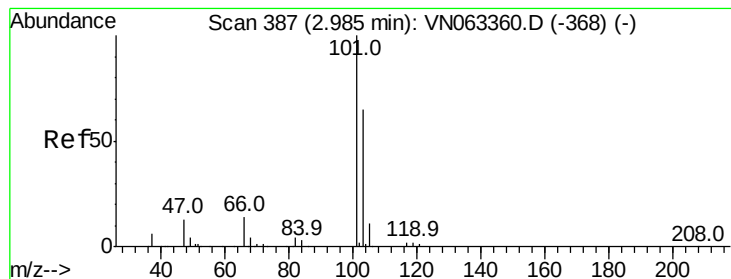
Tot Ion: 94 Resp: 39012
Ion Ratio Lower Upper
94 100
96 90.4 74.5 111.7



#6
Chloroethane
Concen: 19.155 ug/l
RT: 2.67 min Scan# 290
Delta R.T. 0.00 min
Lab File: VN063701.D
Acq: 28 Sep 2020 13:28

Tgt Ion: 64 Resp: 36570
Ion Ratio Lower Upper
64 100
66 29.2 26.9 40.3



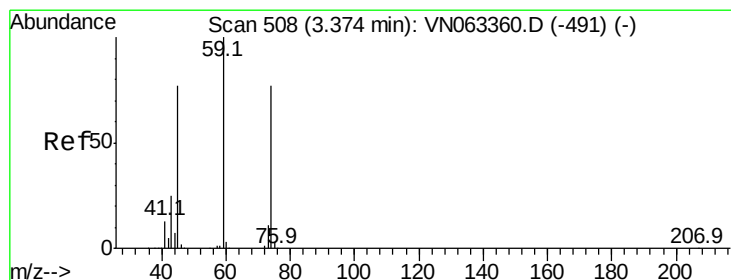
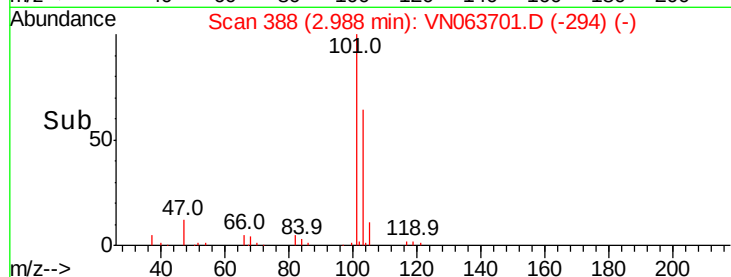
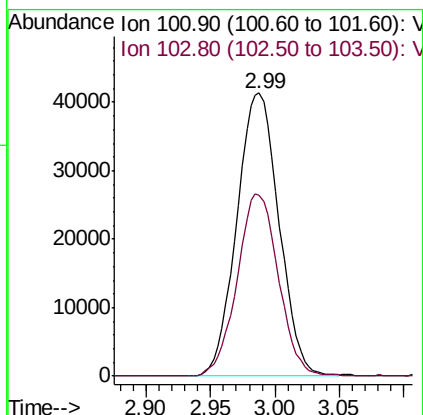
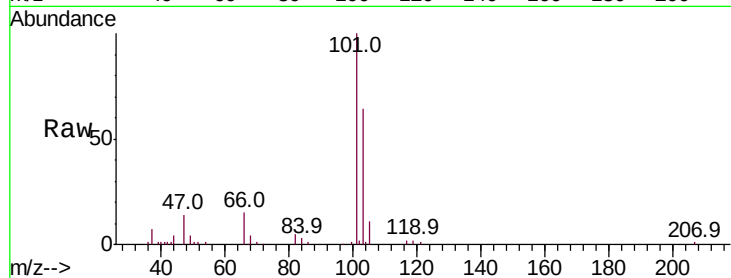


#7

Trichlorofluoromethane
 Concen: 20.252 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VN063701.D
 Acq: 28 Sep 2020 13:28

Instrument :
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 ClientSampleId :
 VN0928WBS01

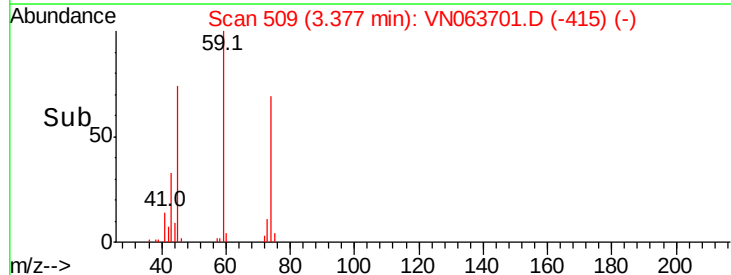
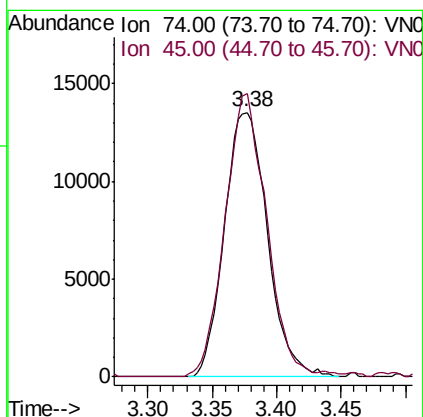
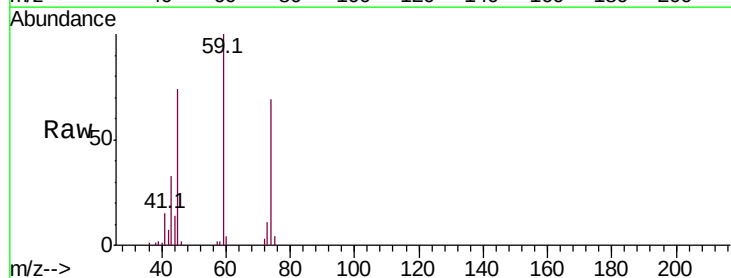
Tot Ion:101 Resp: 93972
 Ion Ratio Lower Upper
 101 100
 103 64.0 52.3 78.5

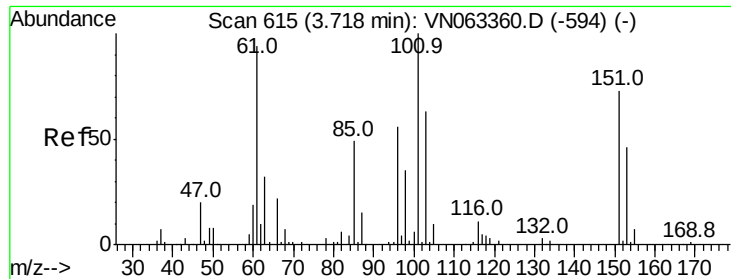


#8

Diethyl Ether
 Concen: 17.353 ug/l
 RT: 3.38 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN063701.D
 Acq: 28 Sep 2020 13:28

Tgt Ion: 74 Resp: 31390
 Ion Ratio Lower Upper
 74 100
 45 103.1 52.1 156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.616 ug/l

RT: 3.72 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN063701.D

Acq: 28 Sep 2020 13:28

Instrument :

MSVOA_N

ClientSampleId :

VN0928WBS01

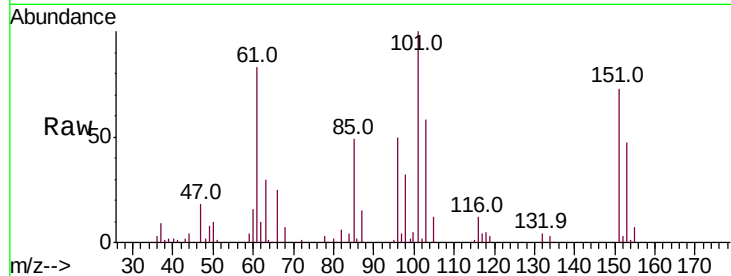
Tot Ion:101 Resp: 48581

Ion Ratio Lower Upper

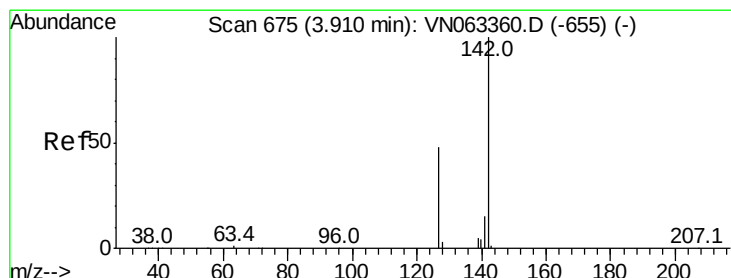
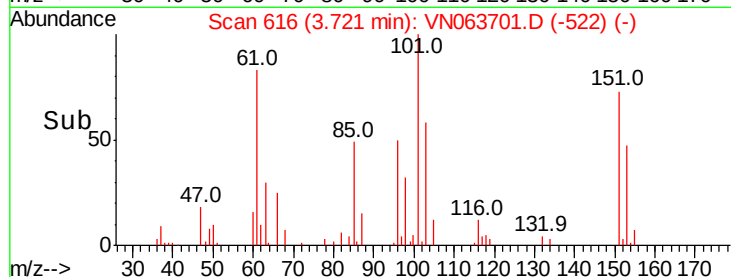
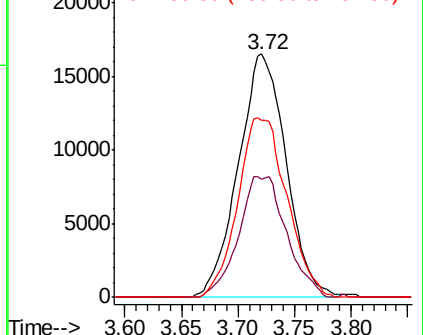
101 100

85 49.6 37.7 56.5

151 75.9 57.7 86.5



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.260 ug/l

RT: 3.91 min Scan# 676

Delta R.T. 0.00 min

Lab File: VN063701.D

Acq: 28 Sep 2020 13:28

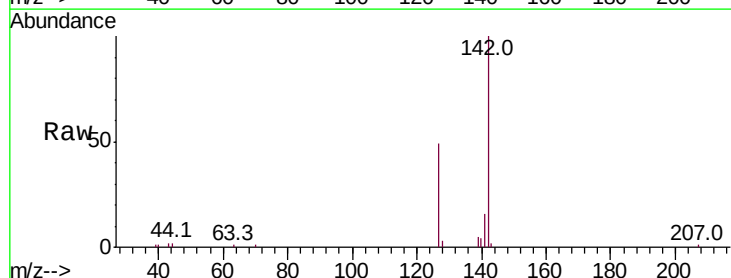
Tgt Ion:142 Resp: 58642

Ion Ratio Lower Upper

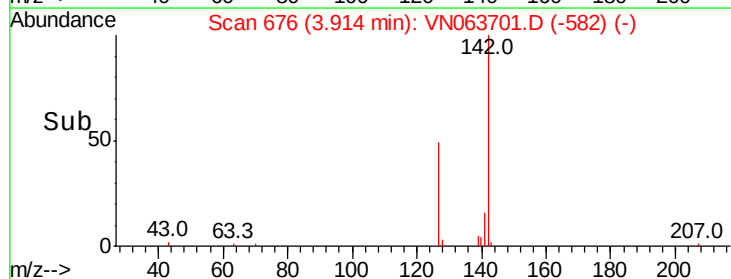
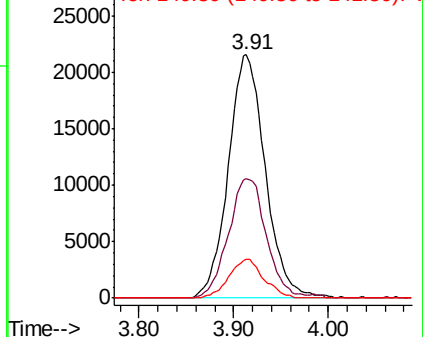
142 100

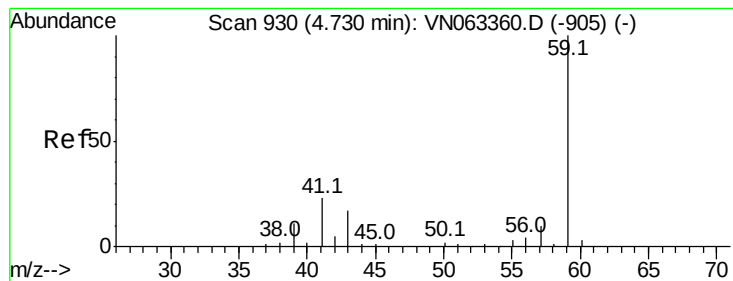
127 50.2 39.0 58.6

141 14.9 11.6 17.4



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



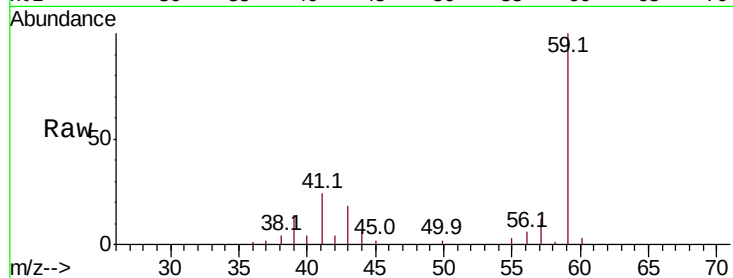


#11

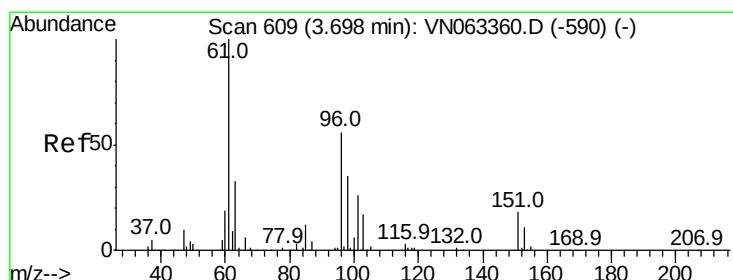
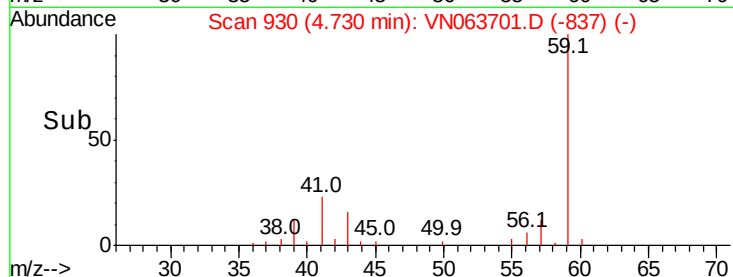
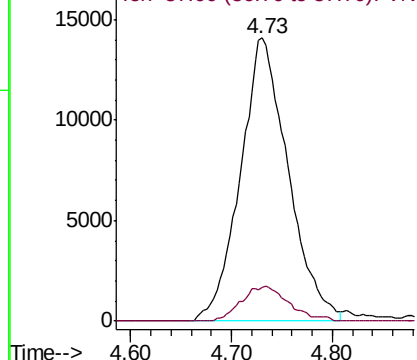
Tert butyl alcohol
 Concen: 83.937 ug/l
 RT: 4.73 min Scan# 930
 Delta R.T. 0.00 min
 Lab File: VN063701.D
 Acq: 28 Sep 2020 13:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0928WBS01

Tot Ion: 59 Resp: 46363
 Ion Ratio Lower Upper
 59 100
 57 12.0 8.4 12.6



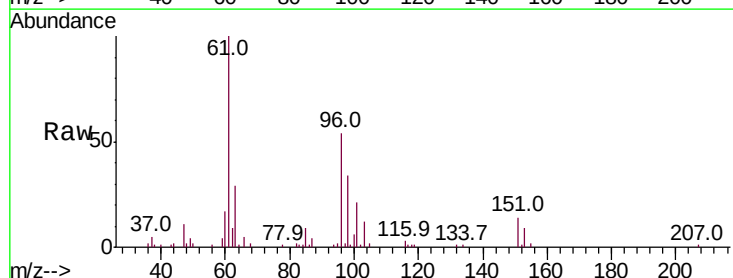
Abundance Ion 59.00 (58.70 to 59.70): VNO
 Ion 57.00 (56.70 to 57.70): VNO



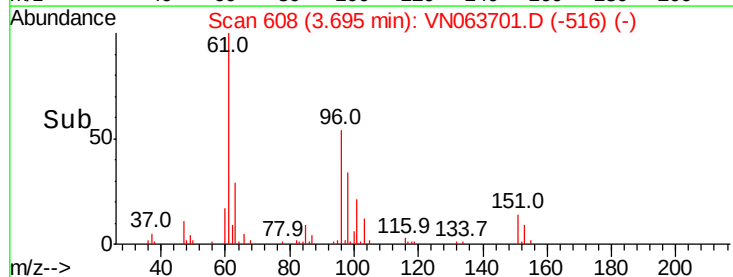
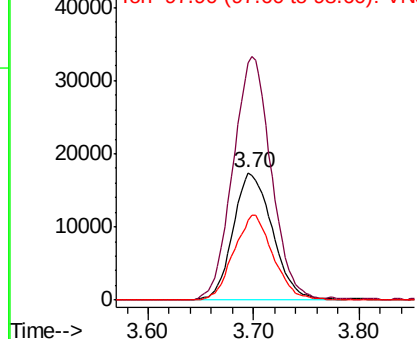
#12

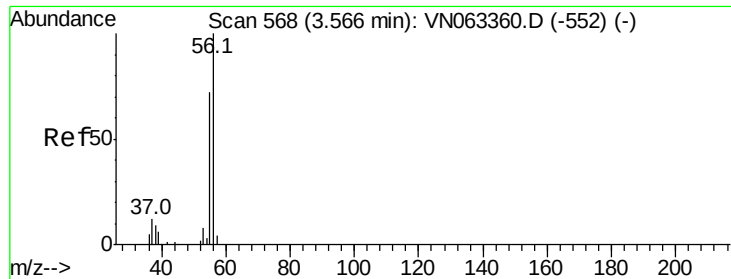
1,1-Dichloroethene
 Concen: 17.016 ug/l
 RT: 3.70 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: VN063701.D
 Acq: 28 Sep 2020 13:28

Tgt Ion: 96 Resp: 44976
 Ion Ratio Lower Upper
 96 100
 61 186.7 143.4 215.2
 98 62.7 50.6 76.0



Abundance Ion 95.90 (95.60 to 96.60): VNO
 Ion 60.90 (60.60 to 61.60): VNO
 Ion 97.90 (97.60 to 98.60): VNO





#13

Acrolein

Concen: 68.351 ug/l

RT: 3.57 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN063701.D

Acq: 28 Sep 2020 13:28

Instrument :

MSVOA_N

ClientSampleId :

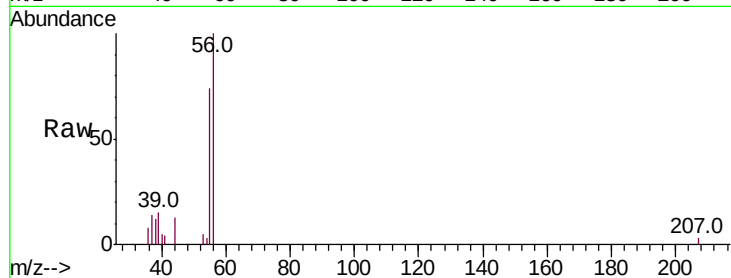
VN0928WBS01

Tot Ion: 56 Resp: 13991

Ion Ratio Lower Upper

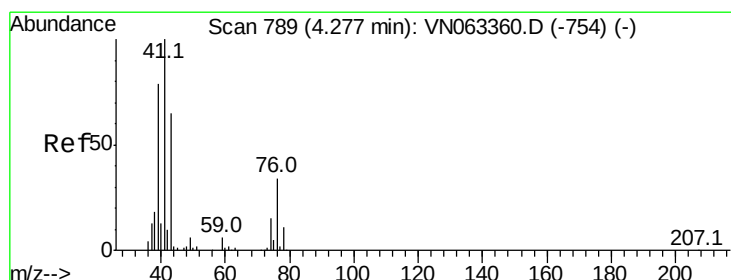
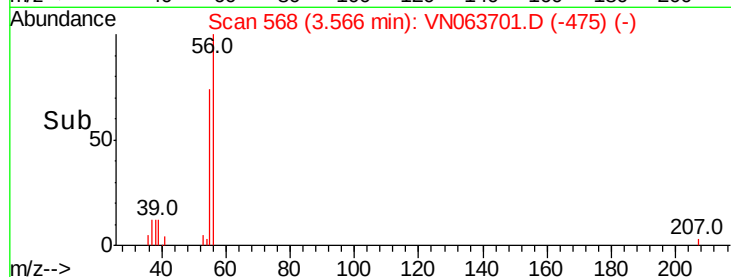
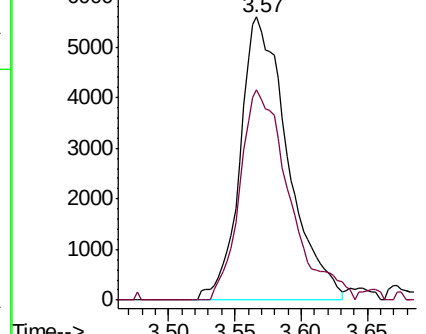
56 100

55 77.0 58.2 87.2



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 16.975 ug/l

RT: 4.27 min Scan# 788

Delta R.T. -0.00 min

Lab File: VN063701.D

Acq: 28 Sep 2020 13:28

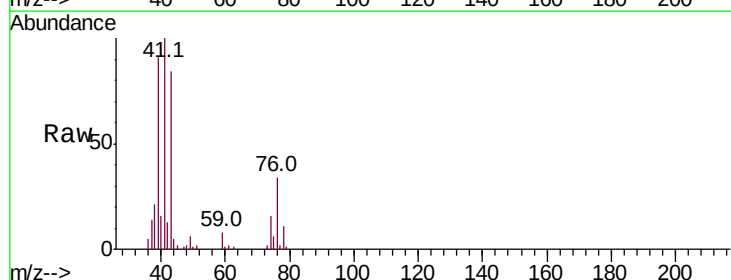
Tgt Ion: 41 Resp: 88751

Ion Ratio Lower Upper

41 100

39 82.5 59.3 88.9

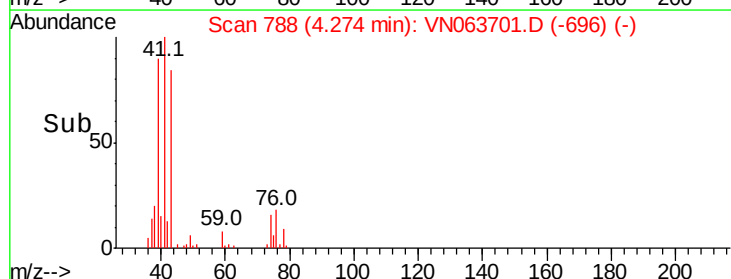
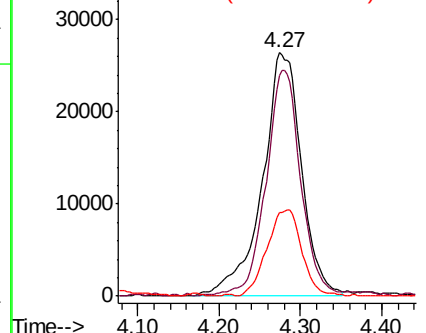
76 31.4 25.3 37.9

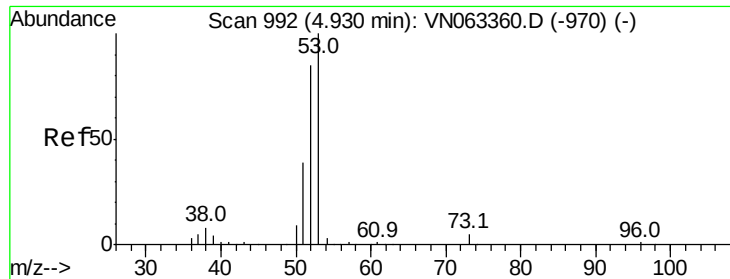


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 91.403 ug/l

RT: 4.93 min Scan# 992

Delta R.T. 0.00 min

Lab File: VN063701.D

Acq: 28 Sep 2020 13:28

Instrument :

MSVOA_N

ClientSampleId :

VN0928WBS01

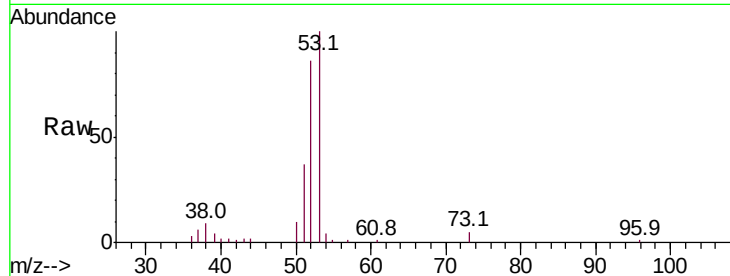
Tot Ion: 53 Resp: 128421

Ion Ratio Lower Upper

53 100

52 86.7 66.4 99.6

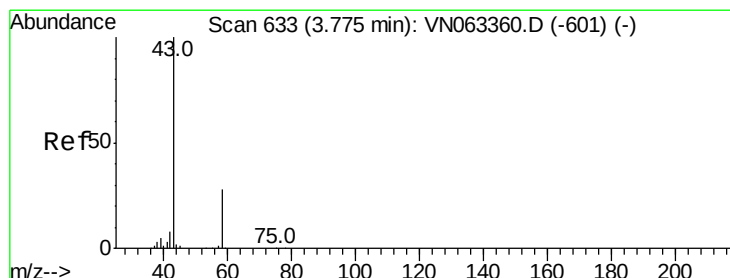
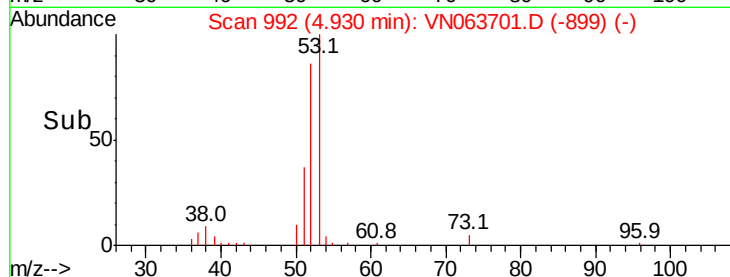
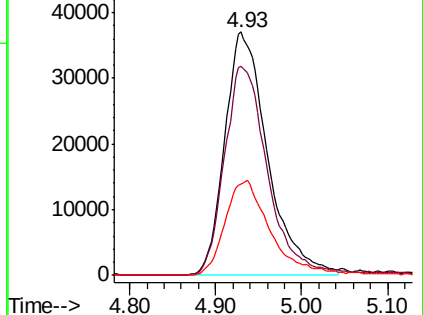
51 40.7 30.2 45.4



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 94.726 ug/l

RT: 3.78 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN063701.D

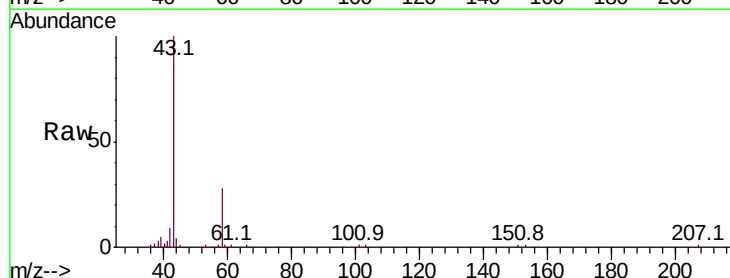
Acq: 28 Sep 2020 13:28

Tgt Ion: 43 Resp: 121380

Ion Ratio Lower Upper

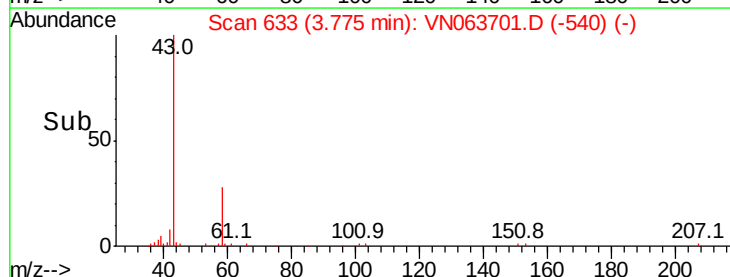
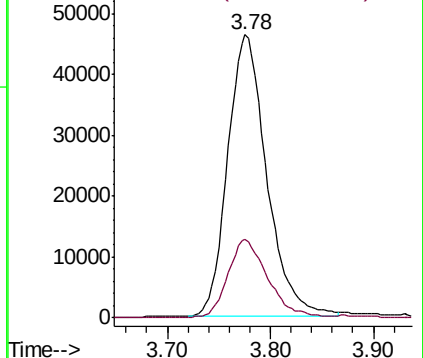
43 100

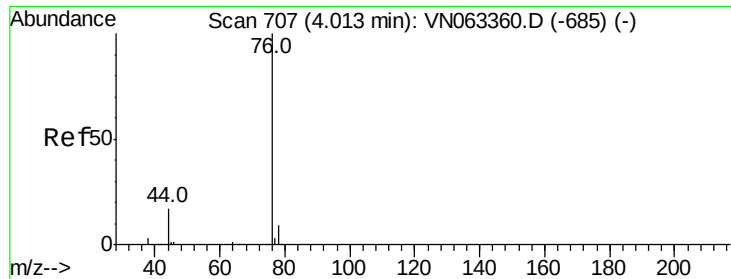
58 28.0 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

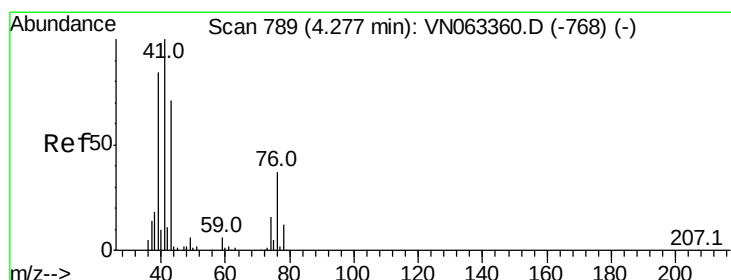
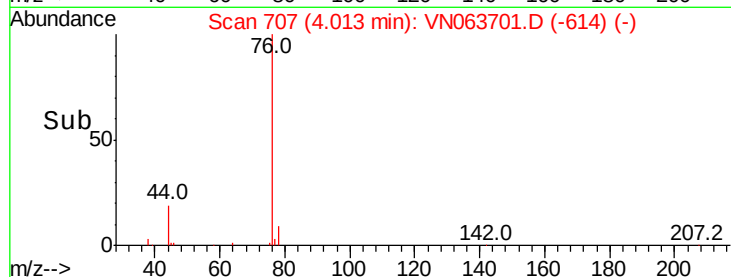
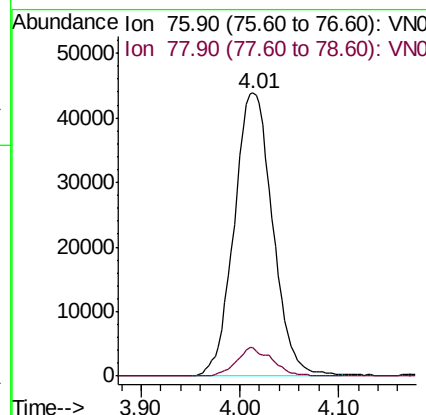
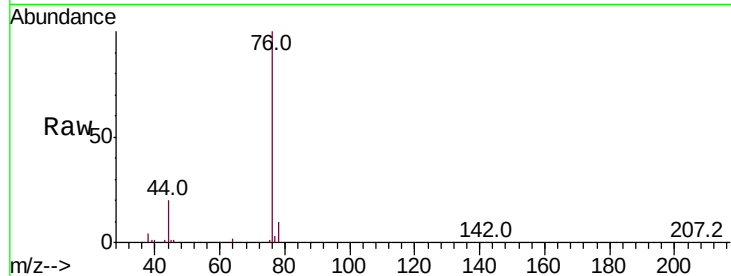




#17
Carbon Disulfide
Concen: 15.458 ug/l
RT: 4.01 min Scan# 707
Delta R.T. 0.00 min
Lab File: VN063701.D
Acq: 28 Sep 2020 13:28

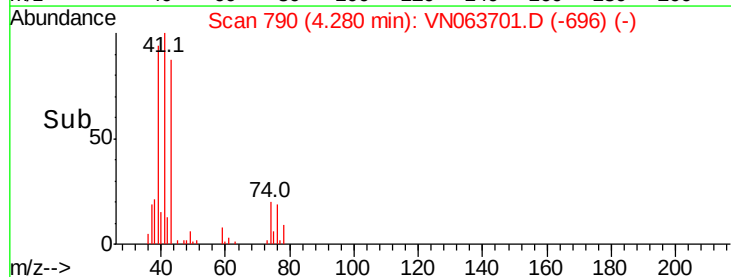
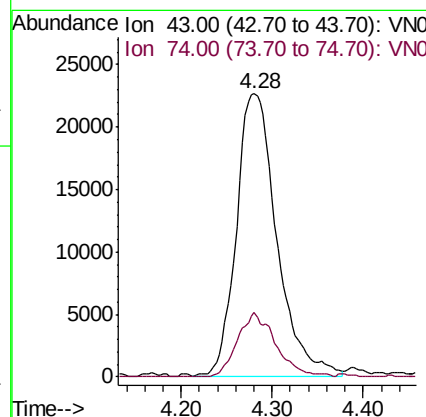
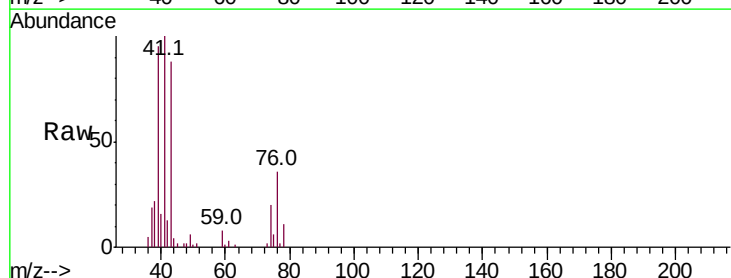
Instrument :
MSVOA_N
ClientSampleId :
VN0928WBS01

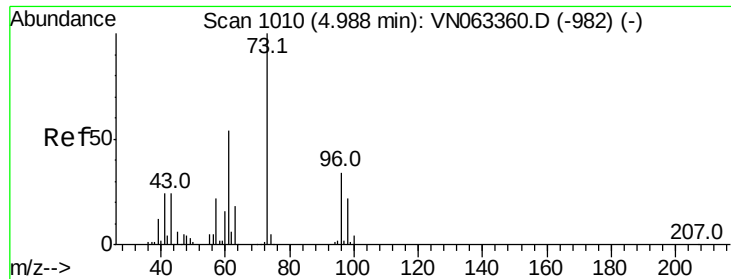
Tot Ion: 76 Resp: 118846
Ion Ratio Lower Upper
76 100
78 10.0 7.2 10.8



#18
Methyl Acetate
Concen: 21.616 ug/l
RT: 4.28 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN063701.D
Acq: 28 Sep 2020 13:28

Tgt Ion: 43 Resp: 70317
Ion Ratio Lower Upper
43 100
74 21.2 17.4 26.2

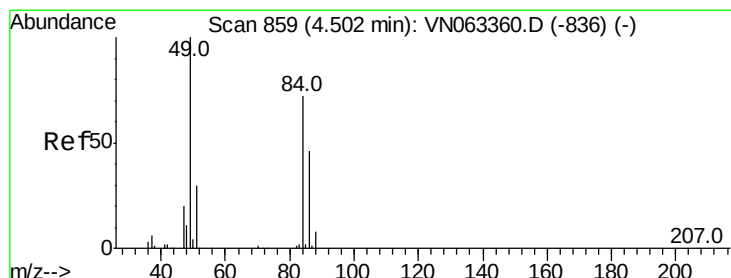
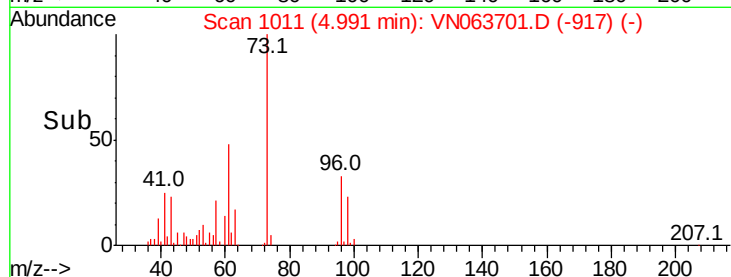
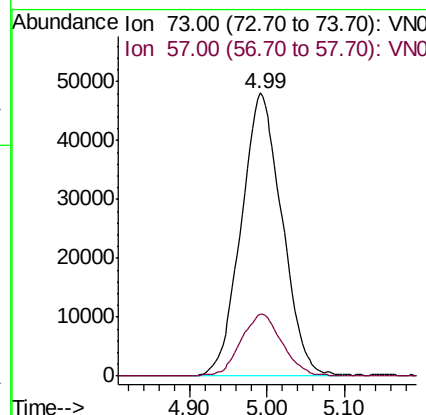
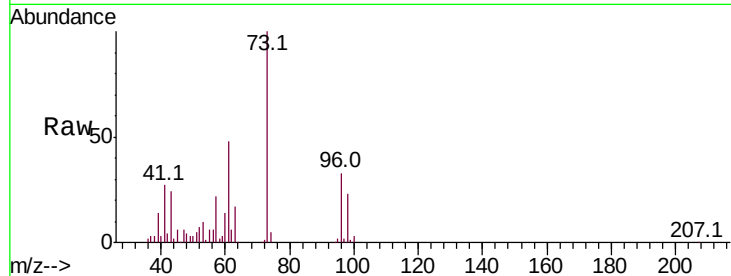




#19
Methvl tert-butvl Ether
Concen: 17.913 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063701.D
Acq: 28 Sep 2020 13:28

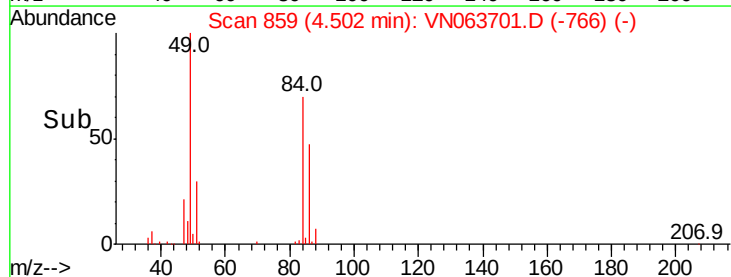
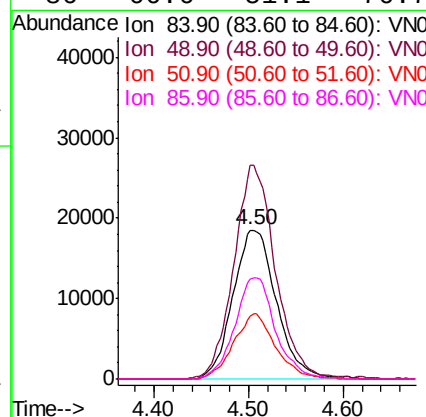
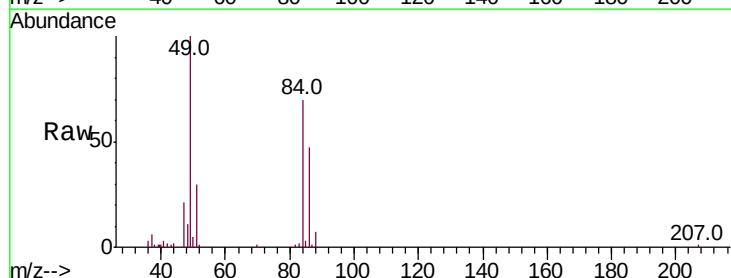
Instrument :
MSVOA_N
ClientSampleId :
VN0928WBS01

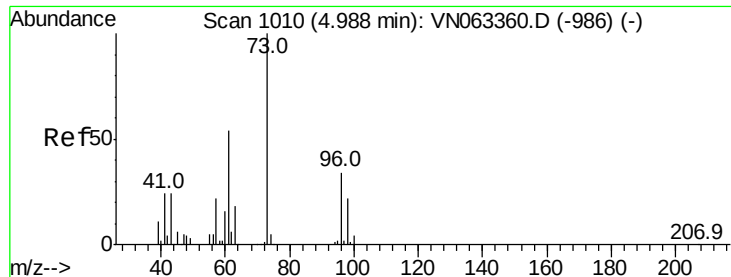
Tot Ion: 73 Resp: 176465
Ion Ratio Lower Upper
73 100
57 21.8 17.9 26.9



#20
Methylene Chloride
Concen: 18.194 ug/l
RT: 4.50 min Scan# 859
Delta R.T. 0.00 min
Lab File: VN063701.D
Acq: 28 Sep 2020 13:28

Tgt Ion: 84 Resp: 59069
Ion Ratio Lower Upper
84 100
49 141.8 110.7 166.1
51 42.5 32.9 49.3
86 66.6 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 17.469 ug/l

RT: 4.99 min Scan# 1011

Delta R.T. 0.00 min

Lab File: VN063701.D

Acq: 28 Sep 2020 13:28

Instrument :

MSVOA_N

ClientSampleId :

VN0928WBS01

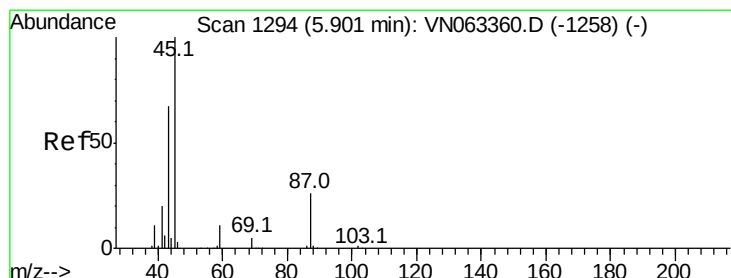
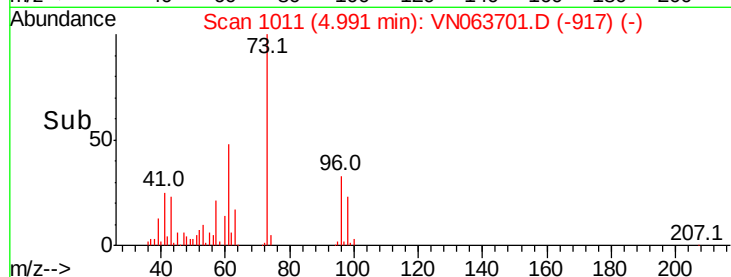
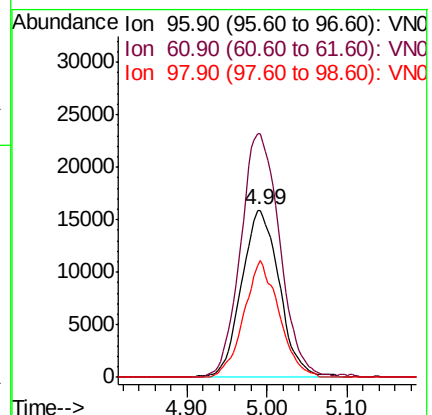
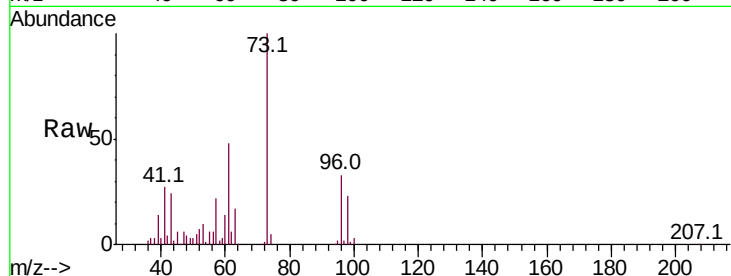
Tot Ion: 96 Resp: 51156

Ion Ratio Lower Upper

96 100

61 145.1 126.2 189.4

98 69.9 51.0 76.4



#22

Diisopropyl ether

Concen: 17.563 ug/l

RT: 5.90 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VN063701.D

Acq: 28 Sep 2020 13:28

Tgt Ion: 45 Resp: 187268

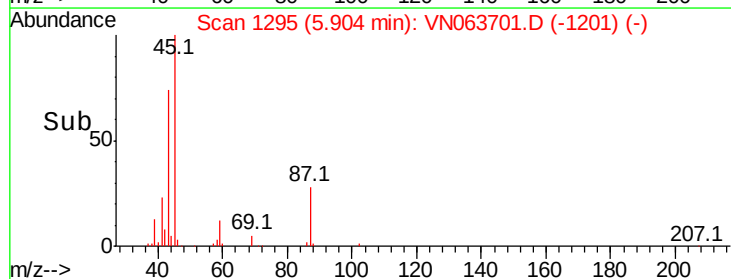
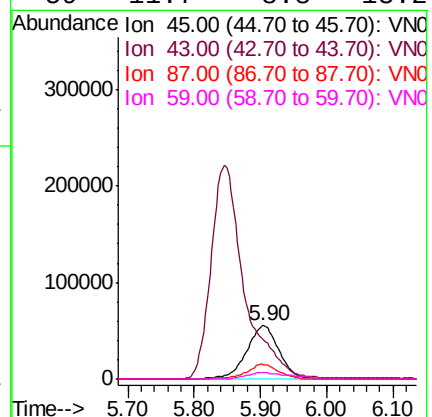
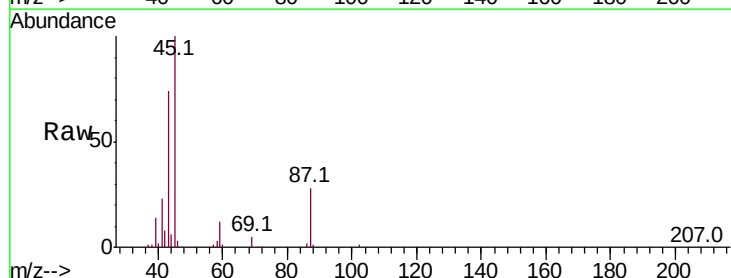
Ion Ratio Lower Upper

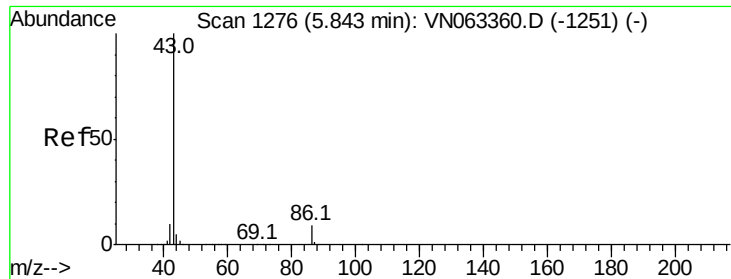
45 100

43 71.5 53.5 80.3

87 27.5 21.2 31.8

59 11.7 8.8 13.2

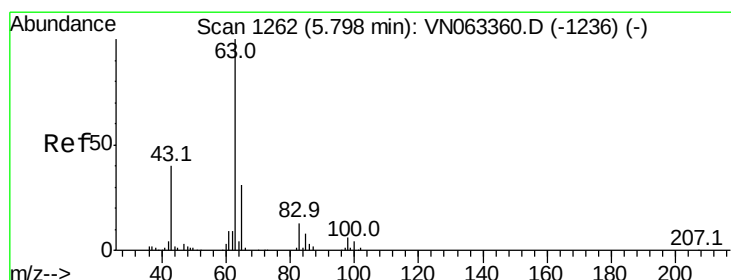
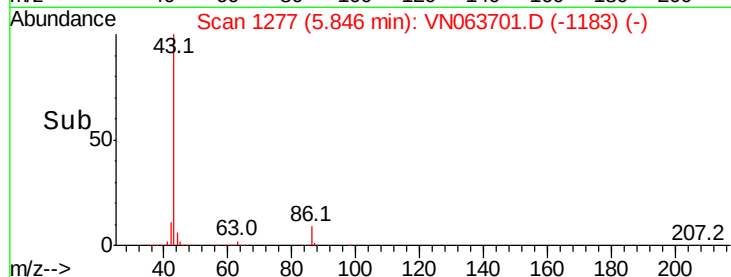
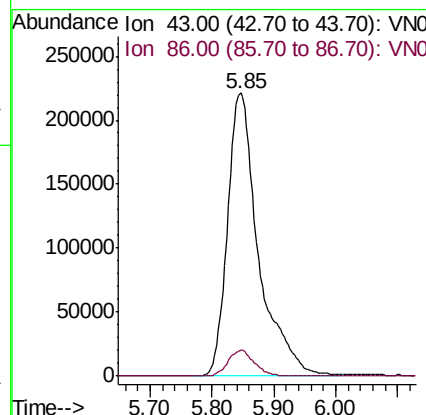
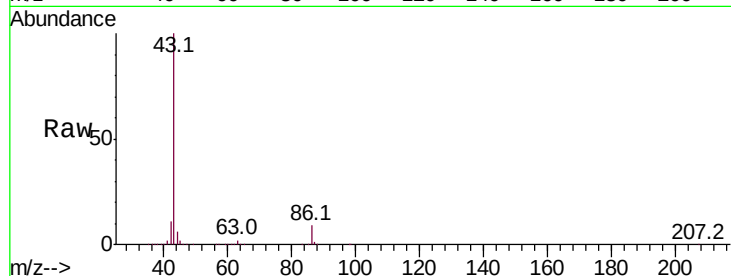




#23
 Vinyl Acetate
 Concen: 88.150 ug/l
 RT: 5.85 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VN063701.D
 Acq: 28 Sep 2020 13:28

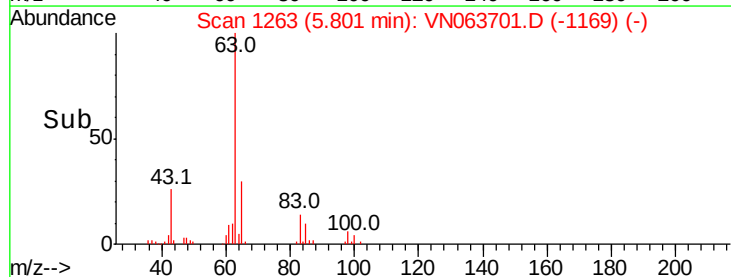
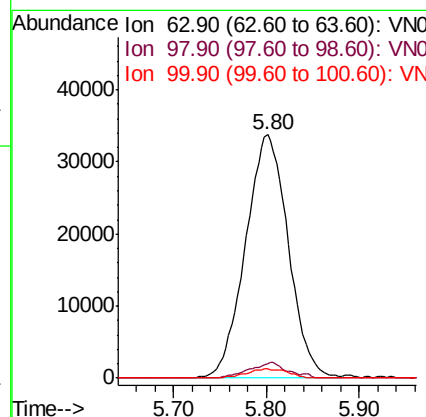
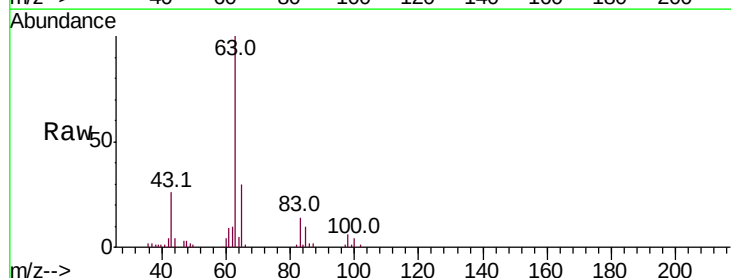
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0928WBS01

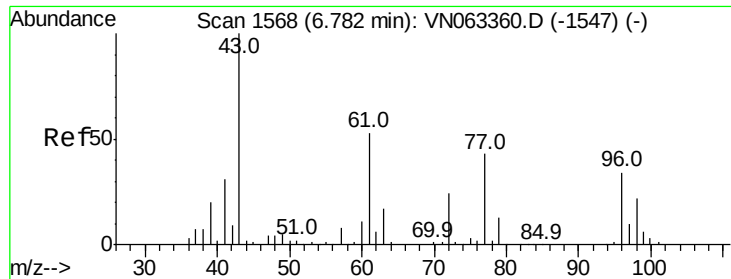
Tot Ion: 43 Resp: 771946
 Ion Ratio Lower Upper
 43 100
 86 9.1 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 18.587 ug/l
 RT: 5.80 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: VN063701.D
 Acq: 28 Sep 2020 13:28

Tgt Ion: 63 Resp: 108205
 Ion Ratio Lower Upper
 63 100
 98 6.1 2.9 8.8
 100 3.7 2.1 6.3

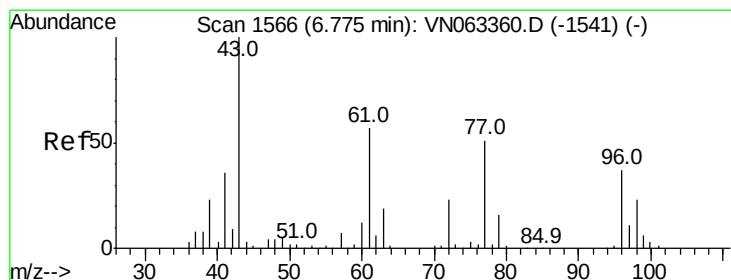
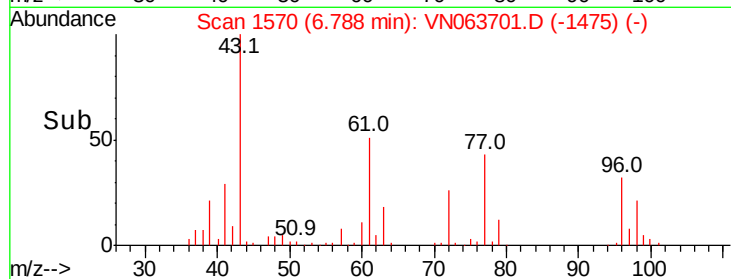
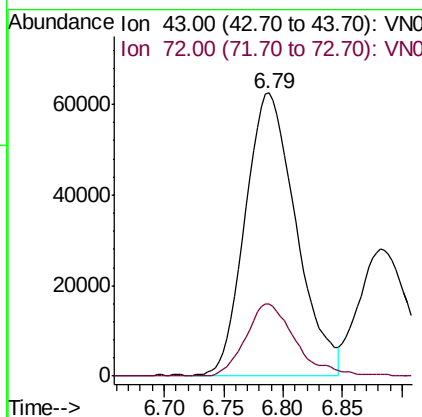
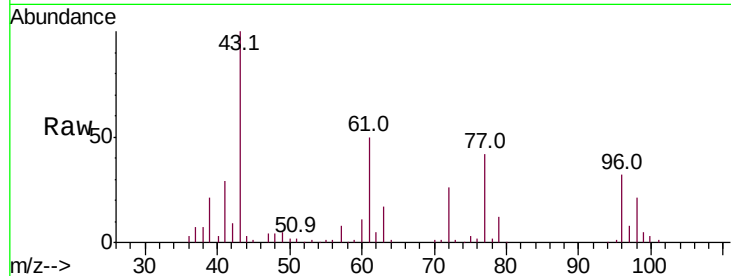




#25
2-Butanone
Concen: 93.578 ug/l
RT: 6.79 min Scan# 1570
Delta R.T. 0.01 min
Lab File: VN063701.D
Acq: 28 Sep 2020 13:28

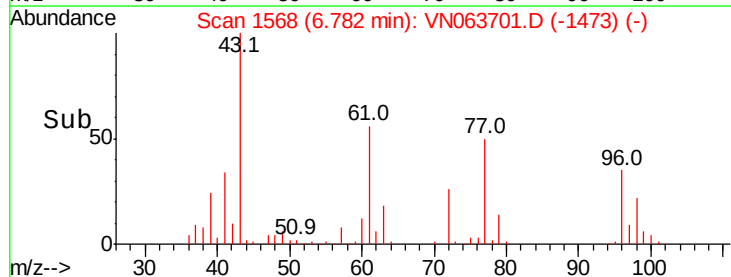
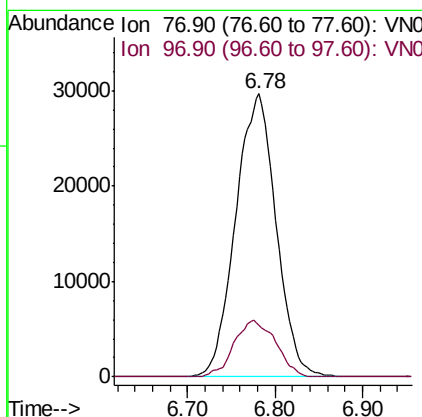
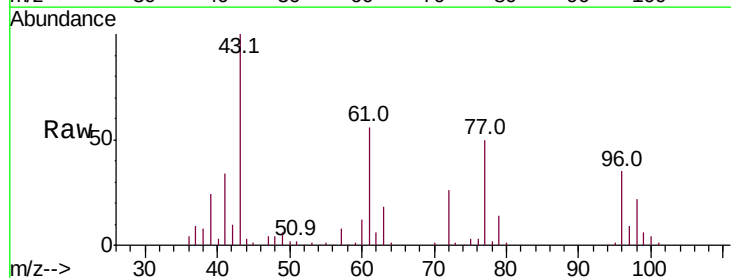
Instrument :
MSVOA_N
ClientSampled :
VN0928WBS01

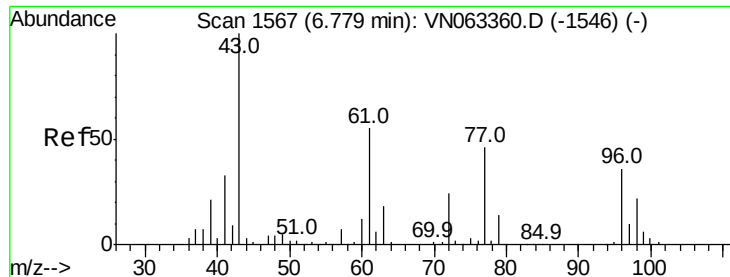
Tot Ion: 43 Resp: 184418
Ion Ratio Lower Upper
43 100
72 25.6 19.2 28.8



#26
2,2-Dichloropropane
Concen: 18.587 ug/l
RT: 6.78 min Scan# 1568
Delta R.T. 0.01 min
Lab File: VN063701.D
Acq: 28 Sep 2020 13:28

Tgt Ion: 77 Resp: 95269
Ion Ratio Lower Upper
77 100
97 20.6 10.5 31.6





#27

cis-1,2-Dichloroethene

Concen: 18.126 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN063701.D

Acq: 28 Sep 2020 13:28

Instrument :

MSVOA_N

ClientSampleId :

VN0928WBS01

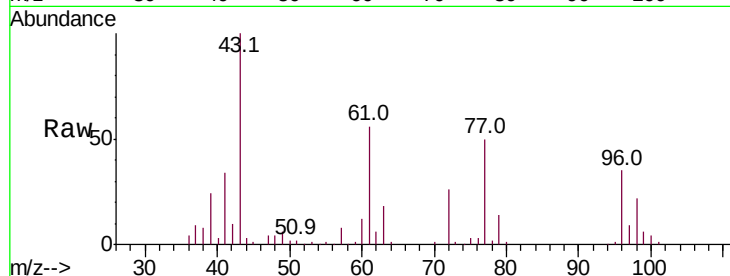
Tot Ion: 96 Resp: 60081

Ion Ratio Lower Upper

96 100

61 163.4 0.0 319.6

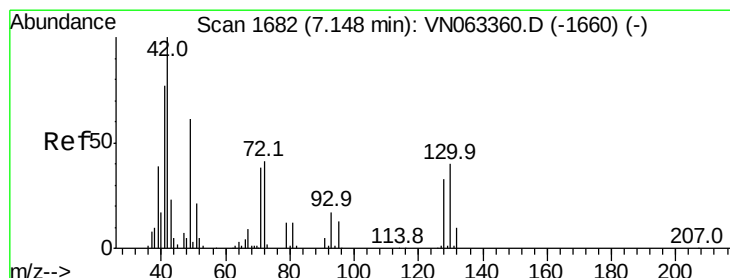
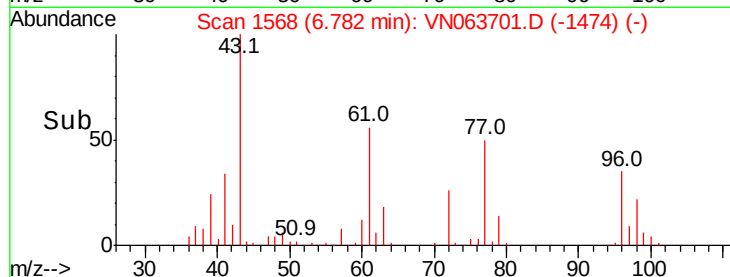
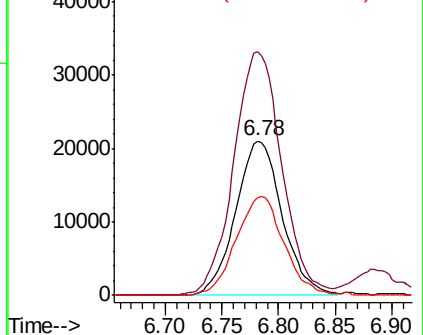
98 65.6 0.0 127.8



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: 21.640 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VN063701.D

Acq: 28 Sep 2020 13:28

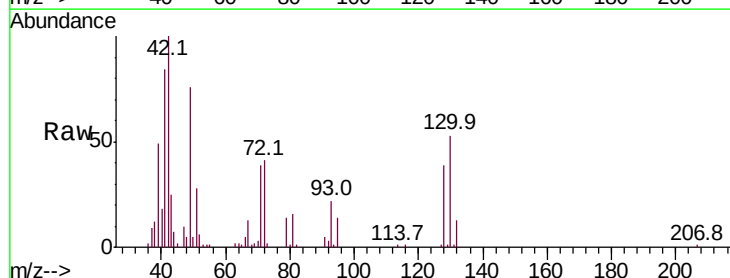
Tgt Ion: 49 Resp: 58167

Ion Ratio Lower Upper

49 100

129 1.1 0.0 3.8

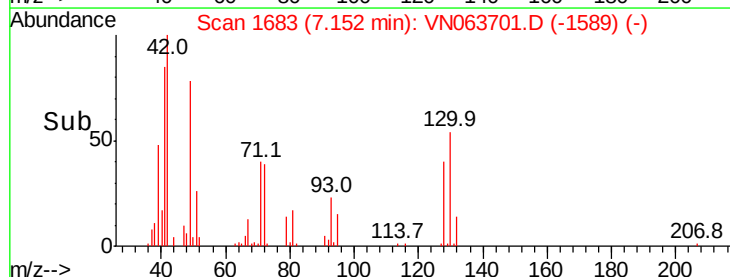
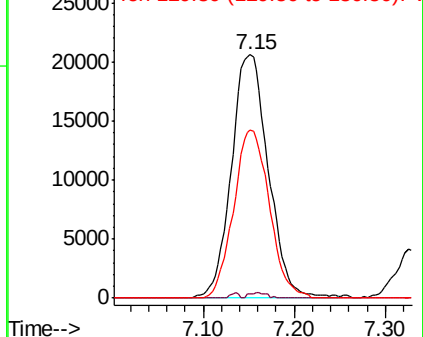
130 66.7 52.2 78.2

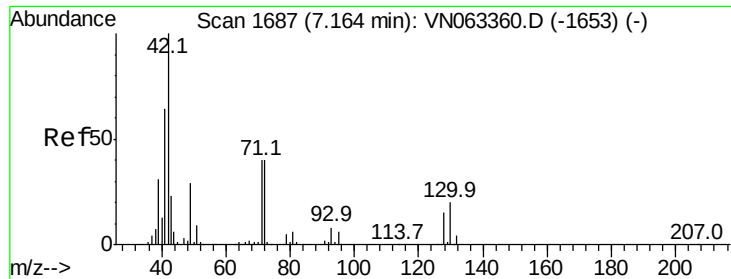


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 90.061 ug/l

RT: 7.17 min Scan# 1688

Delta R.T. 0.00 min

Lab File: VN063701.D

Acq: 28 Sep 2020 13:28

Instrument :

MSVOA_N

ClientSampled :

VN0928WBS01

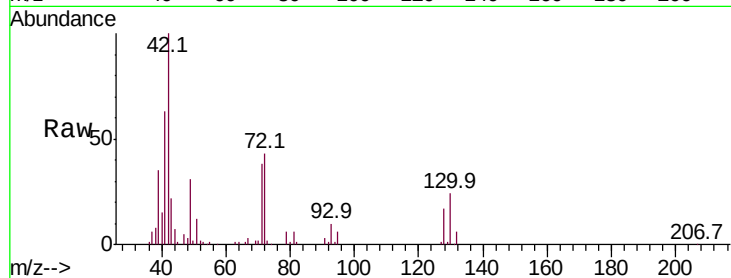
Tot Ion: 42 Resp: 121220

Ion Ratio Lower Upper

42 100

72 41.1 32.1 48.1

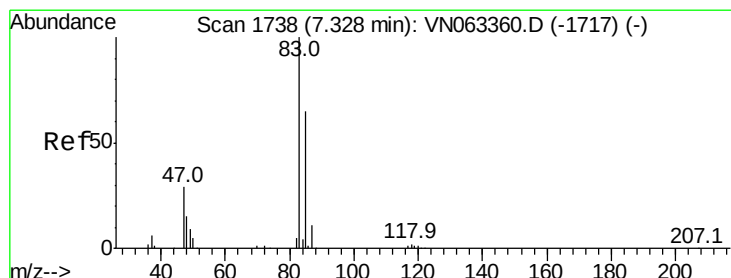
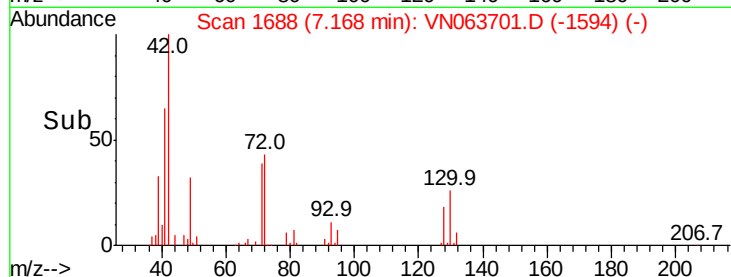
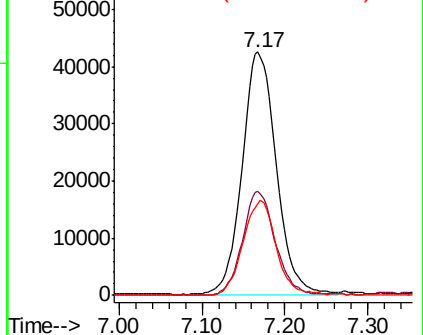
71 38.0 31.2 46.8



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: 19.408 ug/l

RT: 7.33 min Scan# 1738

Delta R.T. 0.00 min

Lab File: VN063701.D

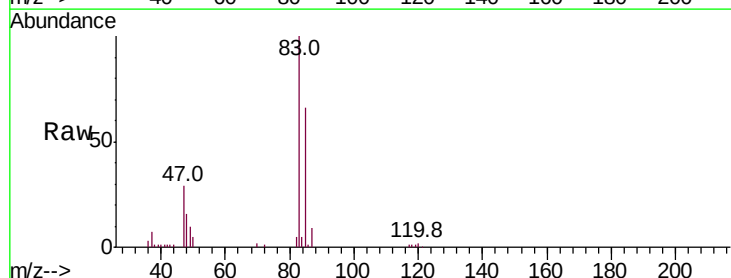
Acq: 28 Sep 2020 13:28

Tgt Ion: 83 Resp: 113353

Ion Ratio Lower Upper

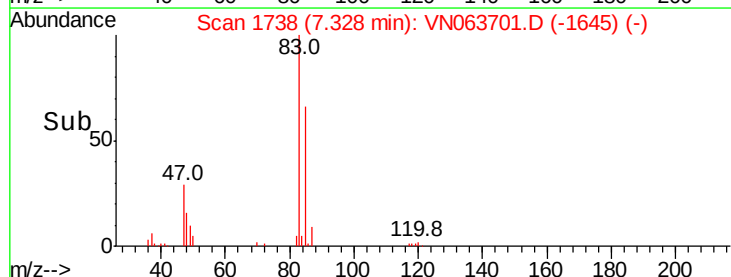
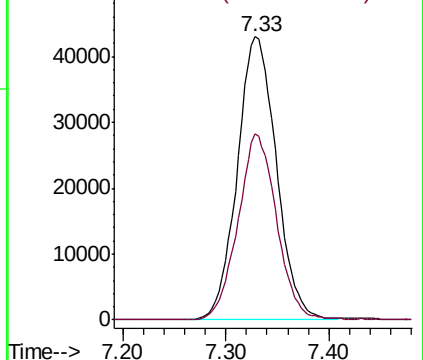
83 100

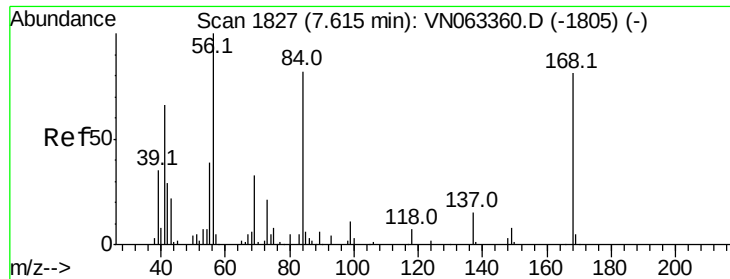
85 65.6 52.1 78.1



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

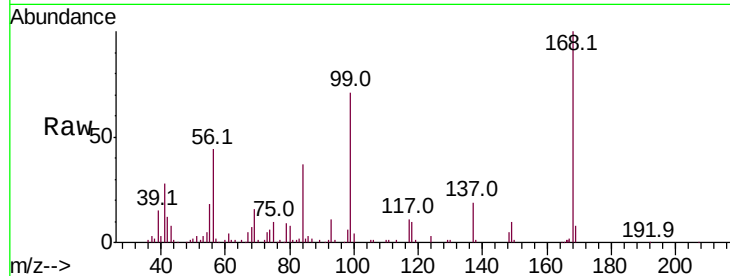




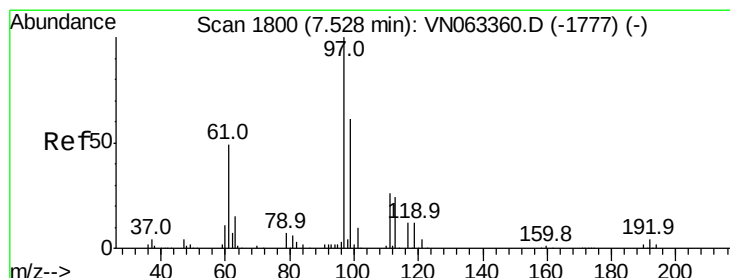
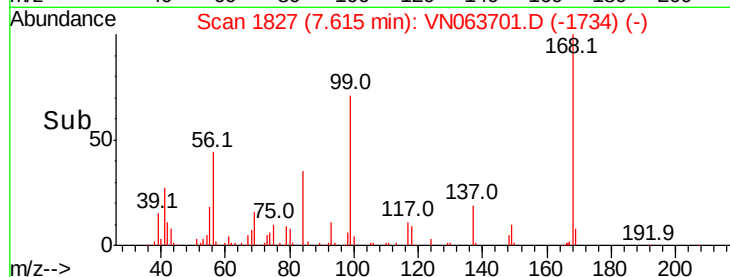
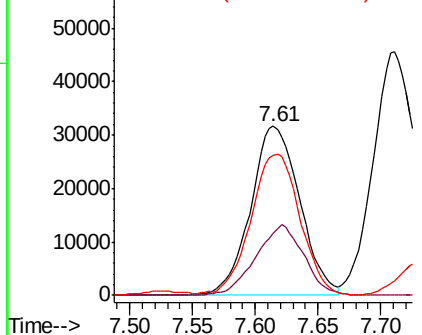
#31
Cyclohexane
Concen: 15.662 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN063701.D
Acq: 28 Sep 2020 13:28

Instrument :
MSVOA_N
ClientSampleId :
VN0928WBS01

Tot Ion: 56 Resp: 86247
Ion Ratio Lower Upper
56 100
69 36.6 26.1 39.1
84 81.6 65.4 98.2

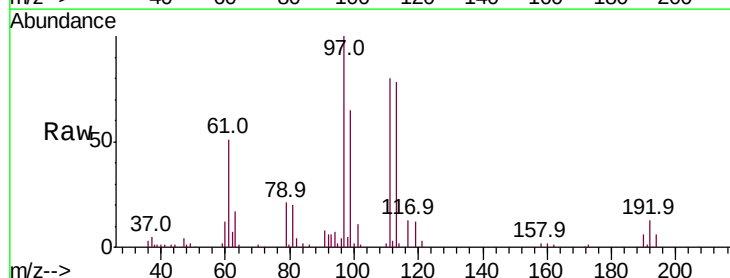


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

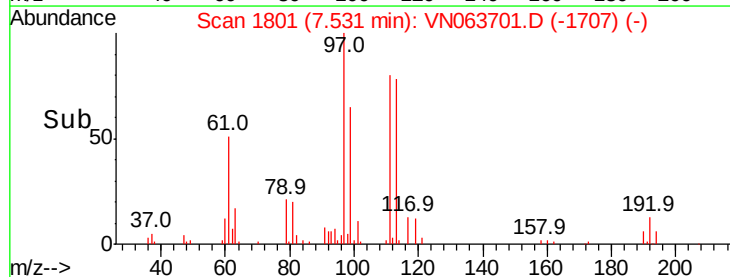
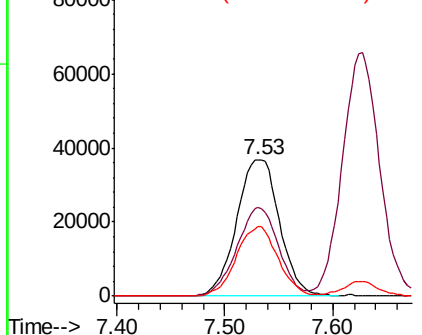


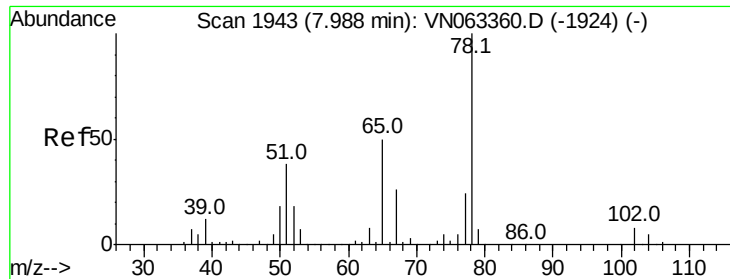
#32
1,1,1-Trichloroethane
Concen: 19.646 ug/l
RT: 7.53 min Scan# 1801
Delta R.T. 0.00 min
Lab File: VN063701.D
Acq: 28 Sep 2020 13:28

Tgt Ion: 97 Resp: 102058
Ion Ratio Lower Upper
97 100
99 62.9 50.6 76.0
61 49.4 39.2 58.8



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

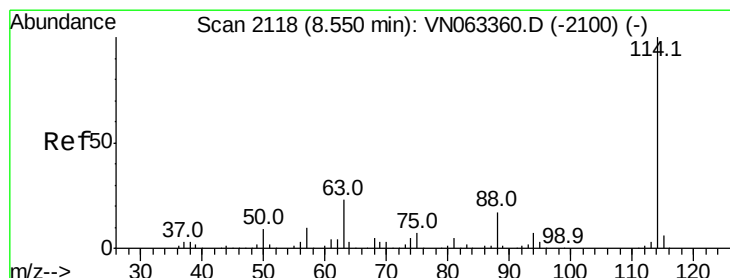
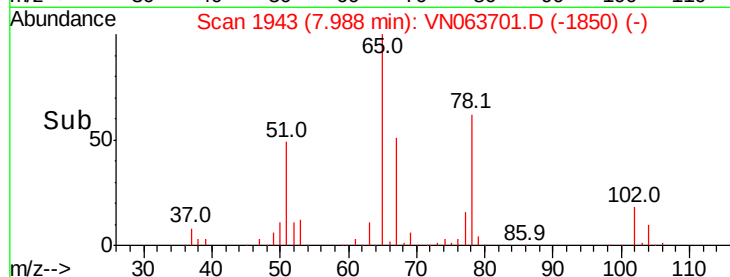
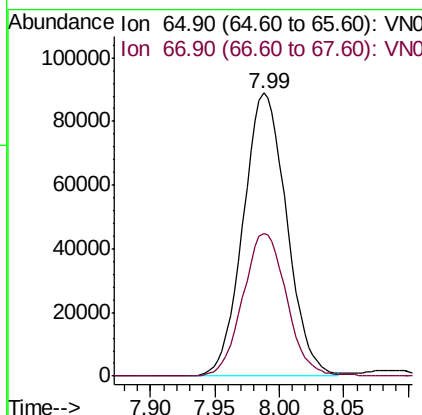
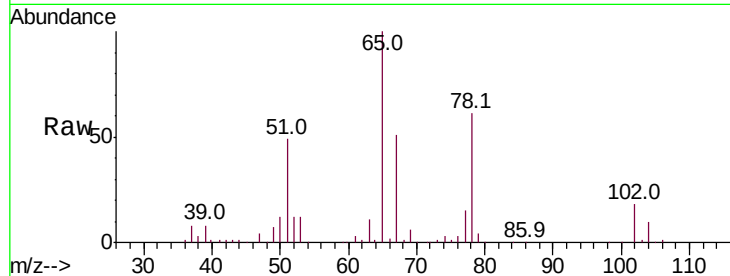




#33
 1,2-Dichloroethane-d4
 Concen: 52.462 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN063701.D
 Acq: 28 Sep 2020 13:28

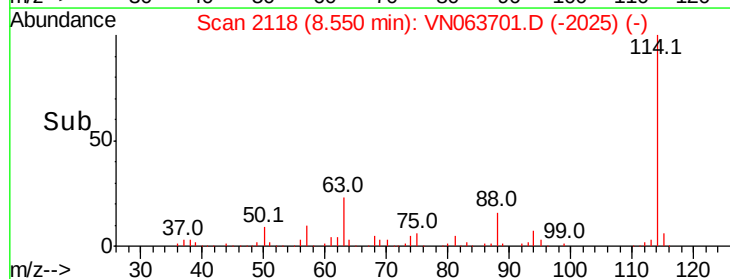
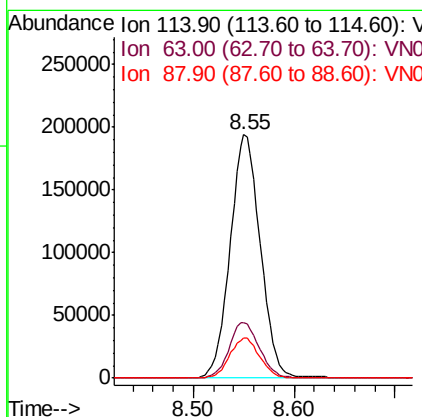
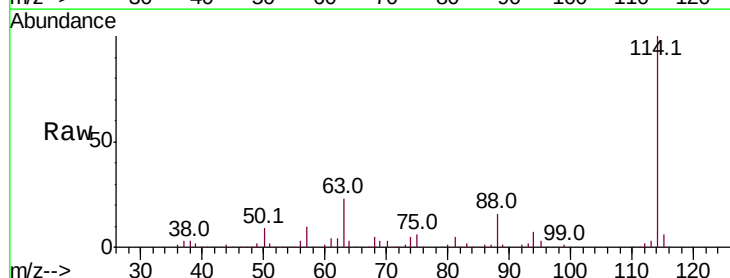
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0928WBS01

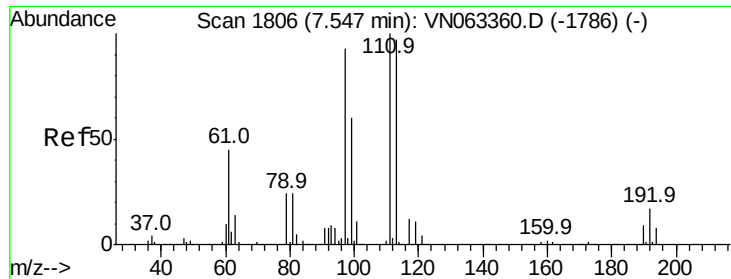
Tot Ion: 65 Resp: 209171
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN063701.D
 Acq: 28 Sep 2020 13:28

Tgt Ion: 114 Resp: 403598
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 46.4
 88 16.4 0.0 33.2

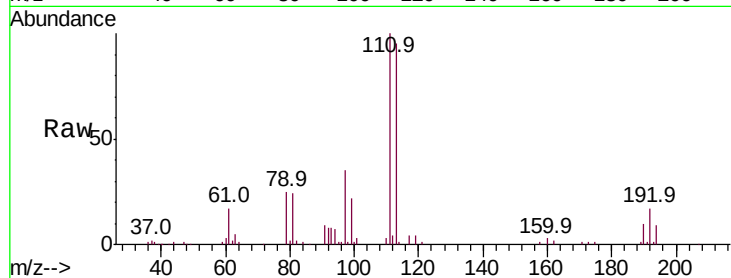




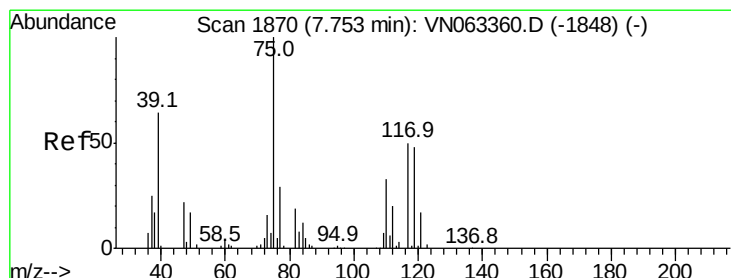
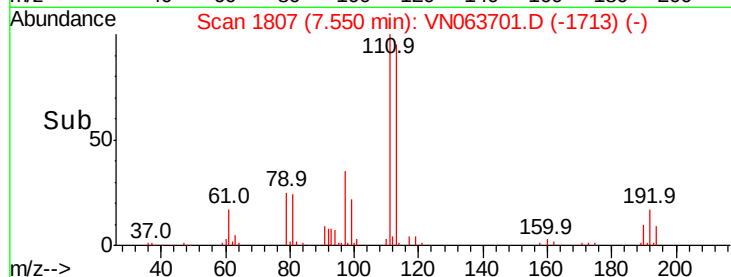
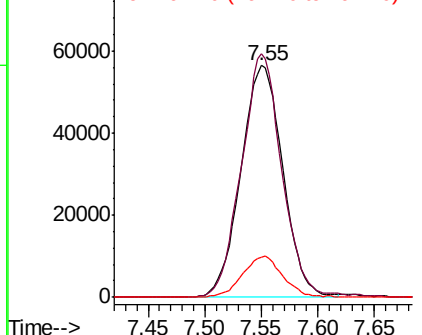
#35
 Dibromofluoromethane
 Concen: 52.102 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063701.D
 Acq: 28 Sep 2020 13:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0928WBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.2	82.9	124.3
192	17.0	13.9	20.9

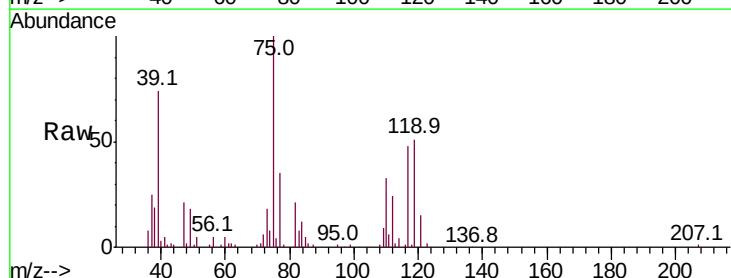


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

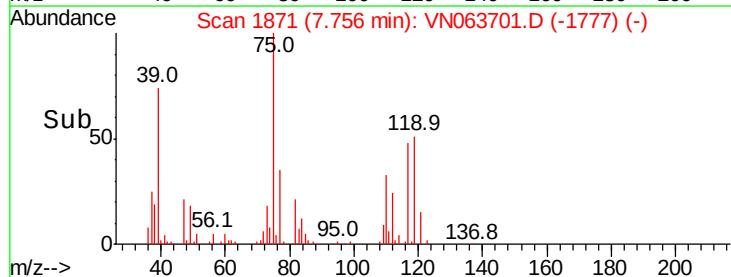
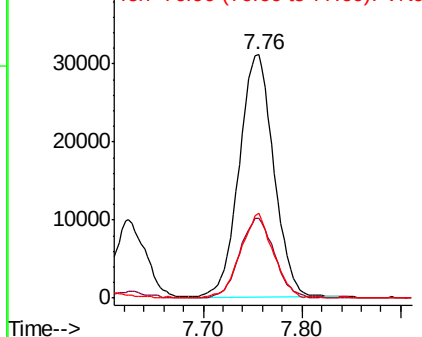


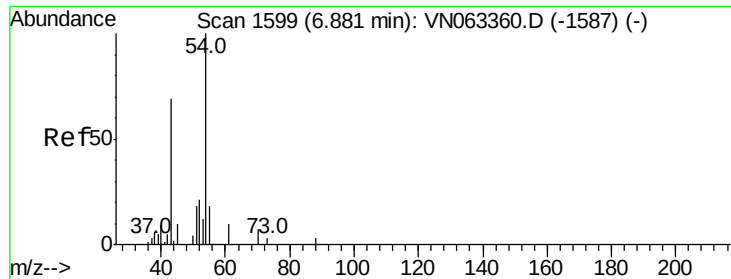
#36
 1,1-Dichloropropene
 Concen: 17.540 ug/l
 RT: 7.76 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: VN063701.D
 Acq: 28 Sep 2020 13:28

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.0	16.5	49.5
77	32.9	24.6	36.8



Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VN0

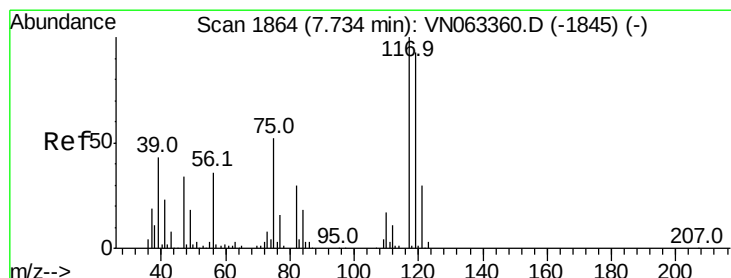
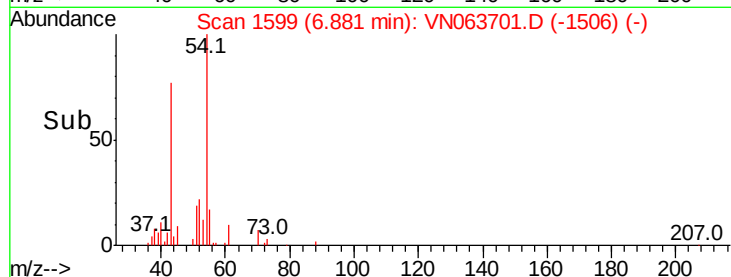
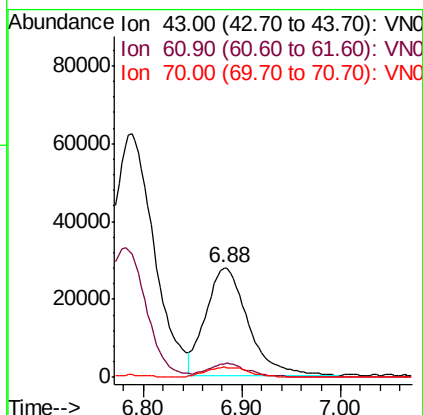
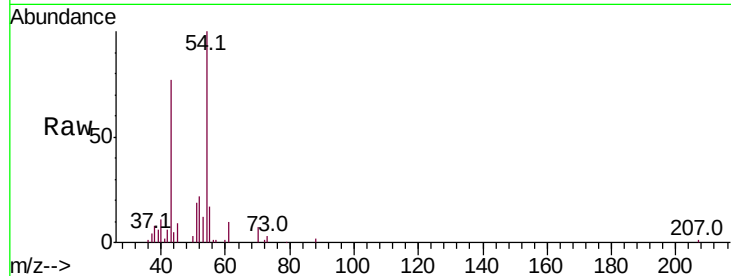




#37
Ethyl Acetate
Concen: 19.683 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VN063701.D
Acq: 28 Sep 2020 13:28

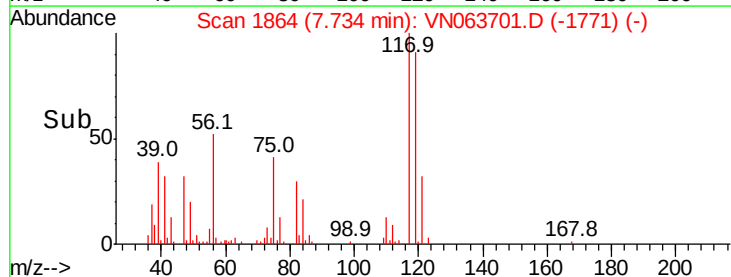
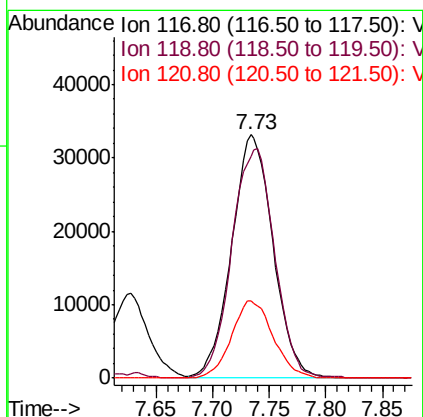
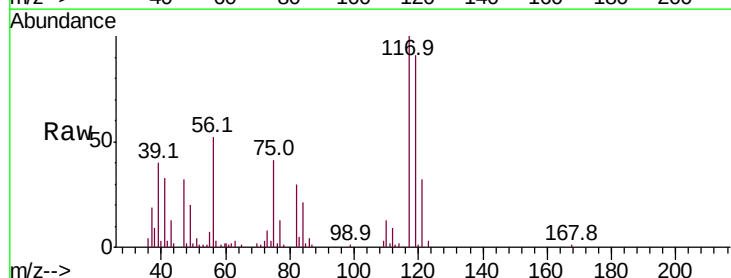
Instrument :
MSVOA_N
ClientSampled :
VN0928WBS01

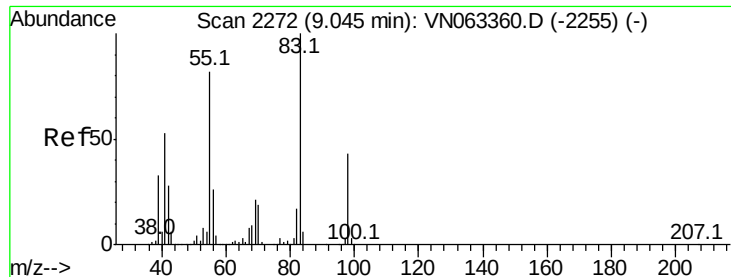
Tot Ion: 43 Resp: 83063
Ion Ratio Lower Upper
43 100
61 11.4 10.6 15.8
70 9.5 7.2 10.8



#38
Carbon Tetrachloride
Concen: 19.249 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN063701.D
Acq: 28 Sep 2020 13:28

Tgt Ion: 117 Resp: 84486
Ion Ratio Lower Upper
117 100
119 90.9 74.5 111.7
121 31.9 24.1 36.1

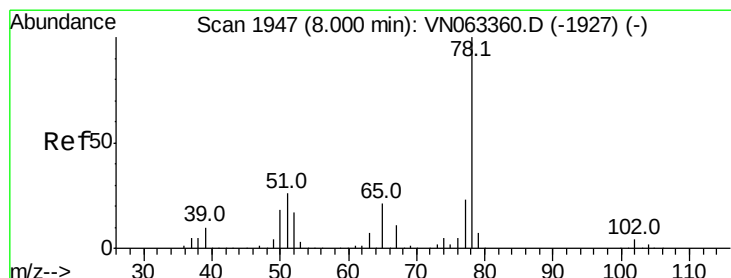
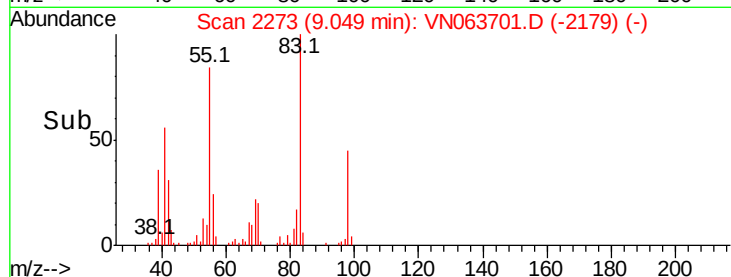
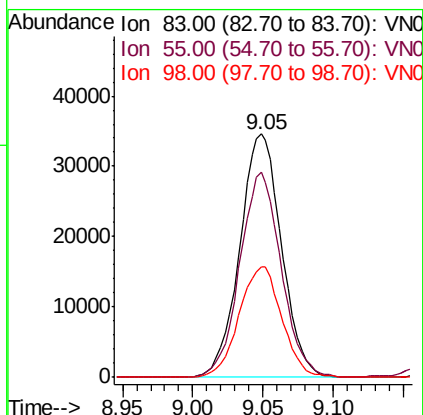
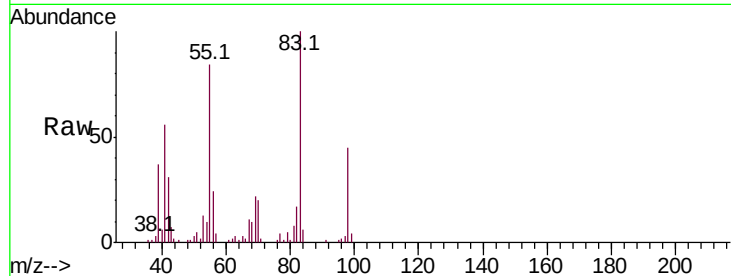




#39
Methylvlcyclohexane
Concen: 15.329 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN063701.D
Acq: 28 Sep 2020 13:28

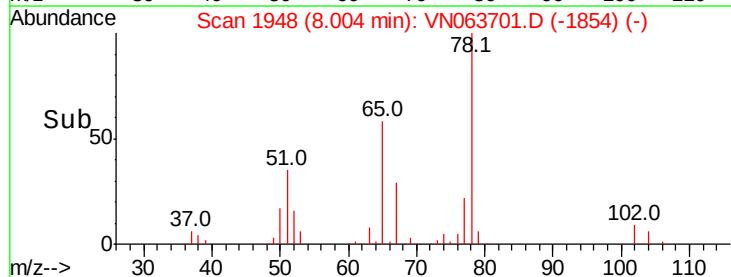
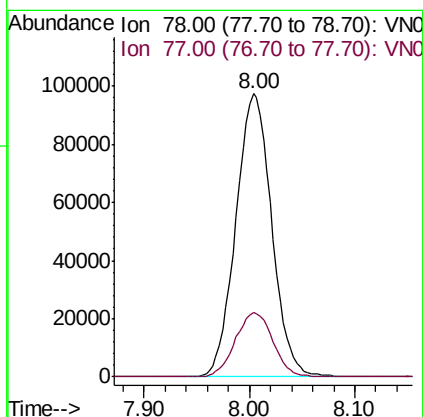
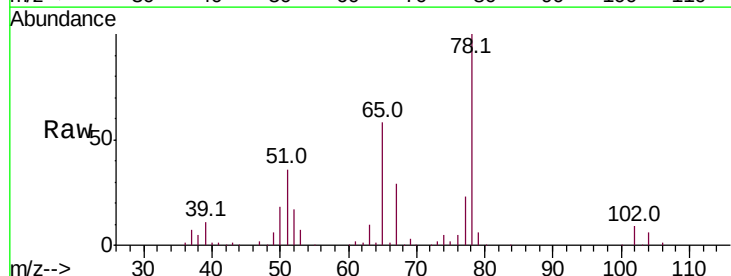
Instrument :
MSVOA_N
ClientSampleId :
VN0928WBS01

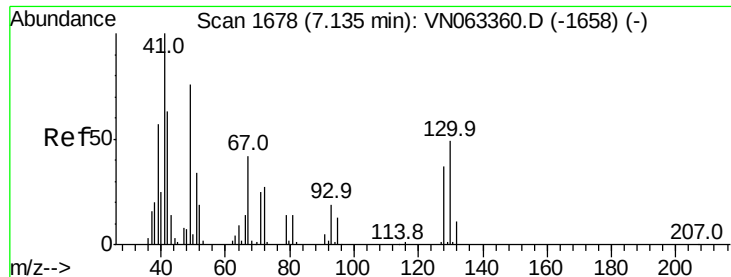
Tot Ion: 83 Resp: 71533
Ion Ratio Lower Upper
83 100
55 84.4 65.5 98.3
98 45.3 34.2 51.4



#40
Benzene
Concen: 18.759 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063701.D
Acq: 28 Sep 2020 13:28

Tgt Ion: 78 Resp: 230257
Ion Ratio Lower Upper
78 100
77 22.7 18.3 27.5

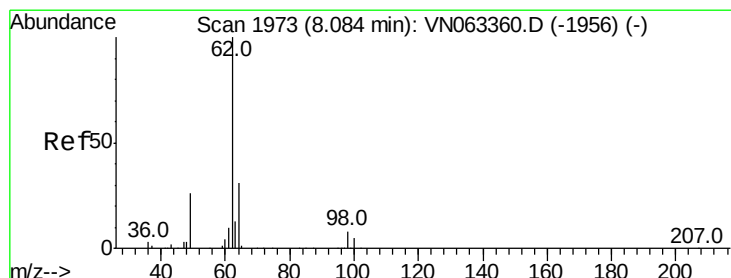
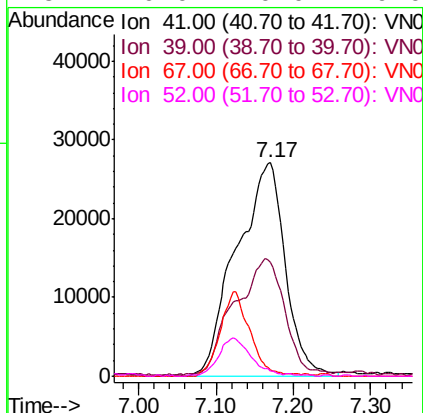
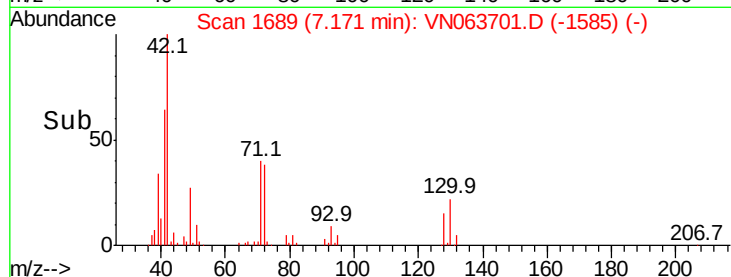
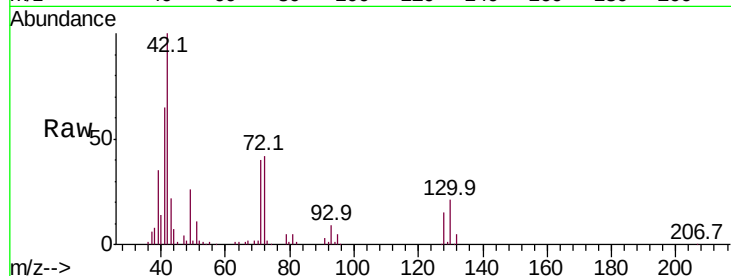




#41
Methacrylonitrile
Concen: 62.914 ug/l
RT: 7.17 min Scan# 1689
Delta R.T. 0.04 min
Lab File: VN063701.D
Acq: 28 Sep 2020 13:28

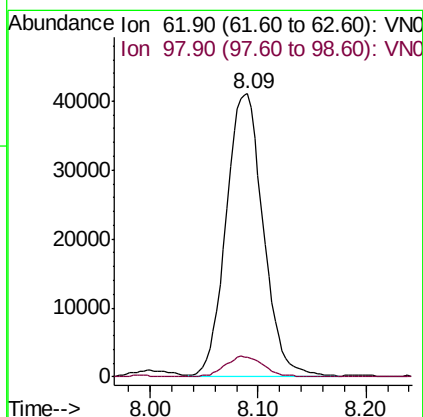
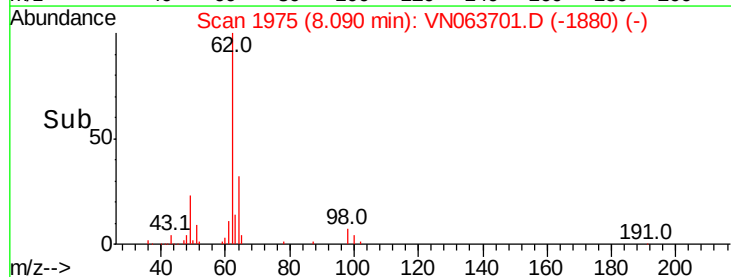
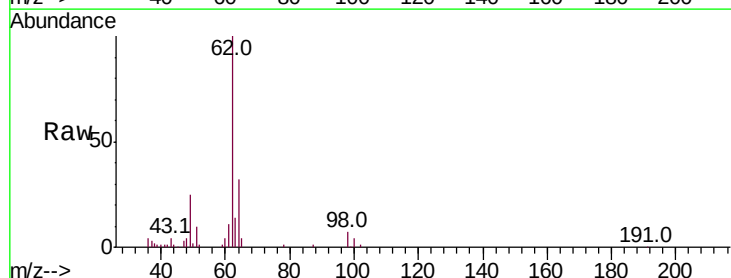
Instrument :
MSVOA_N
ClientSampled :
VN0928WBS01

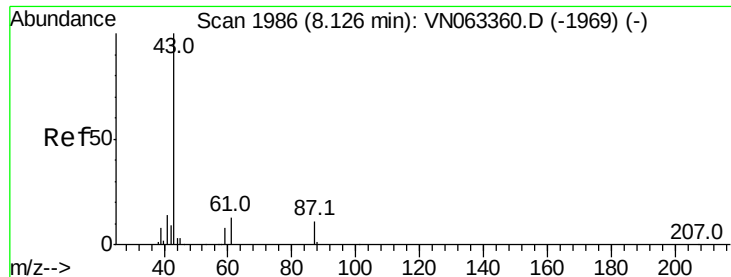
Tot Ion:	41	Resp:	119411
Ion	Ratio	Lower	Upper
41	100		
39	54.7	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 20.017 ug/l
RT: 8.09 min Scan# 1975
Delta R.T. 0.01 min
Lab File: VN063701.D
Acq: 28 Sep 2020 13:28

Tgt Ion:	62	Resp:	98803
Ion	Ratio	Lower	Upper
62	100		
98	7.3	0.0	15.6





#43

Isopropyl Acetate

Concen: 17.795 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN063701.D

Acq: 28 Sep 2020 13:28

Instrument :

MSVOA_N

ClientSampleId :

VN0928WBS01

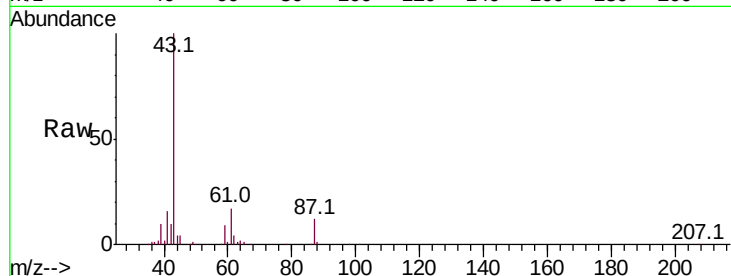
Tot Ion: 43 Resp: 134278

Ion Ratio Lower Upper

43 100

61 18.1 14.2 21.2

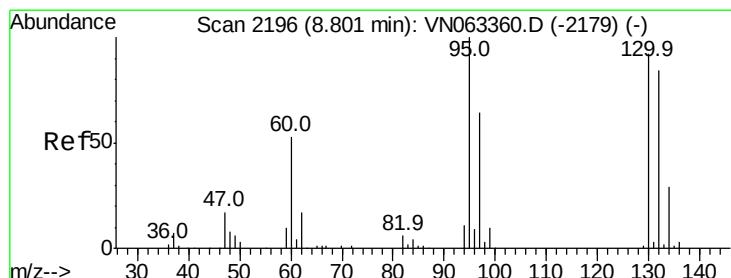
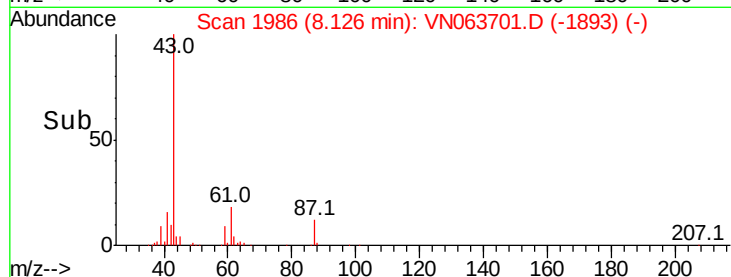
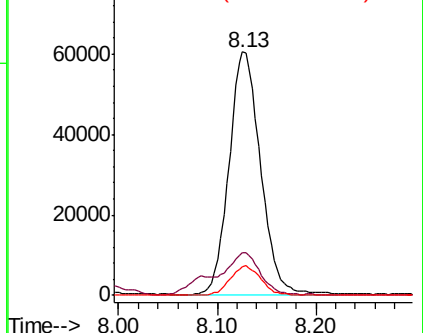
87 11.8 9.0 13.6



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

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

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



#44

Trichloroethene

Concen: 19.054 ug/l

RT: 8.80 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN063701.D

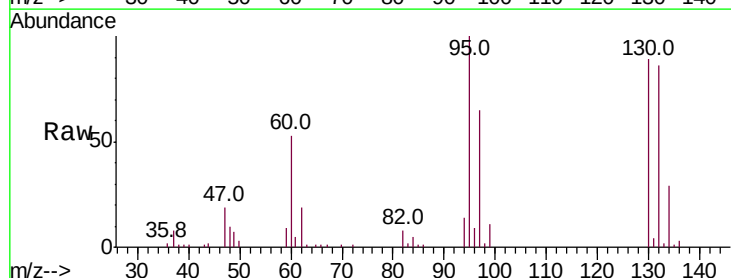
Acq: 28 Sep 2020 13:28

Tgt Ion:130 Resp: 56724

Ion Ratio Lower Upper

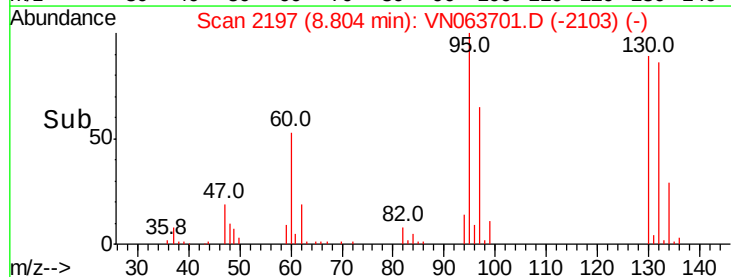
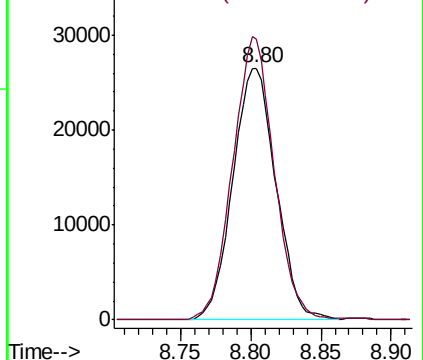
130 100

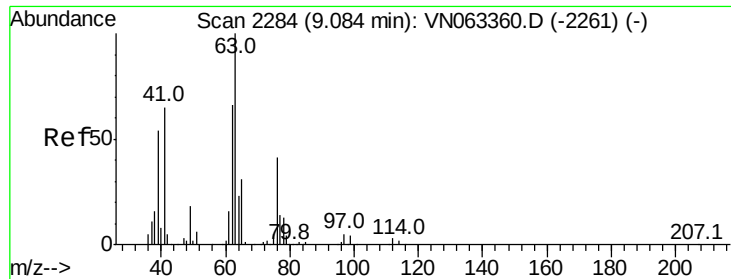
95 111.9 0.0 217.4



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

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





#45

1,2-Dichloropropane

Concen: 19.423 ug/l

RT: 9.09 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN063701.D

Acq: 28 Sep 2020 13:28

Instrument :

MSVOA_N

ClientSampled :

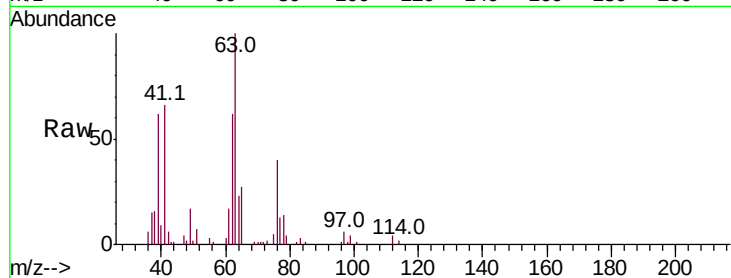
VN0928WBS01

Tot Ion: 63 Resp: 64929

Ion Ratio Lower Upper

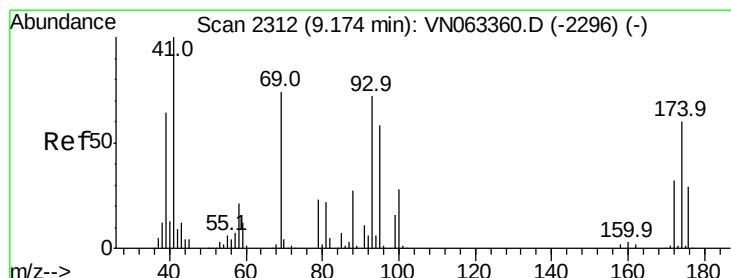
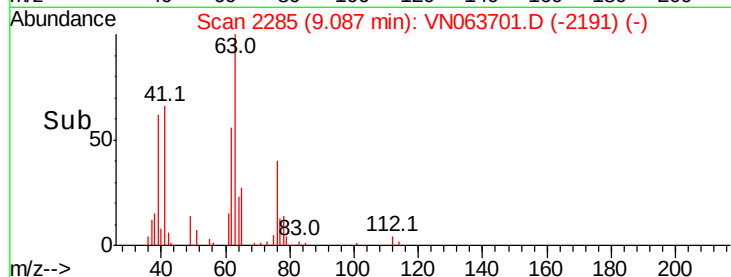
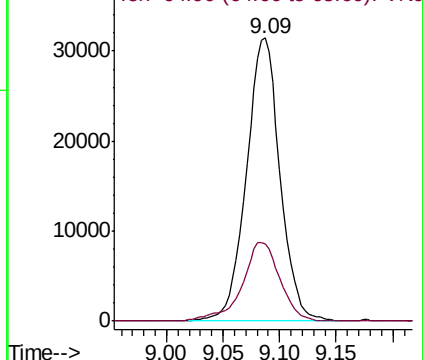
63 100

65 27.2 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: 19.574 ug/l

RT: 9.18 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN063701.D

Acq: 28 Sep 2020 13:28

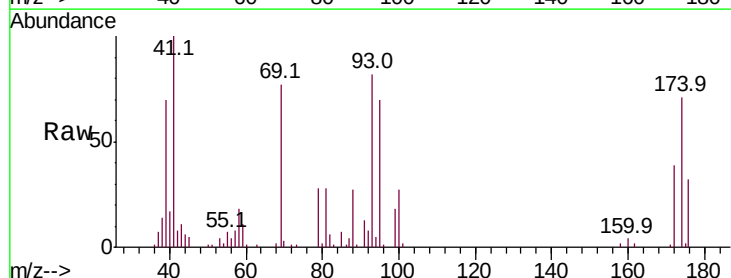
Tgt Ion: 93 Resp: 43008

Ion Ratio Lower Upper

93 100

95 83.4 65.6 98.4

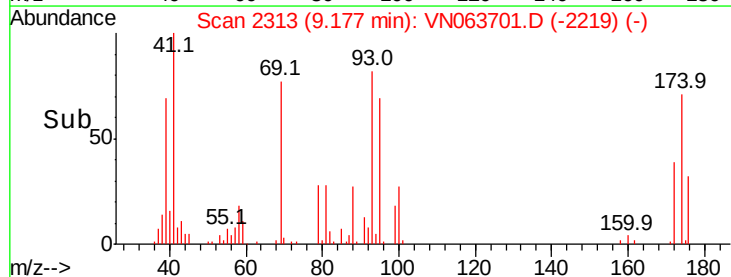
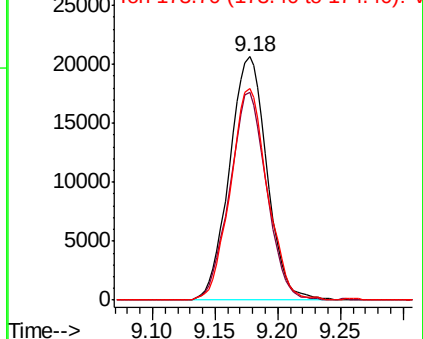
174 85.2 68.1 102.1

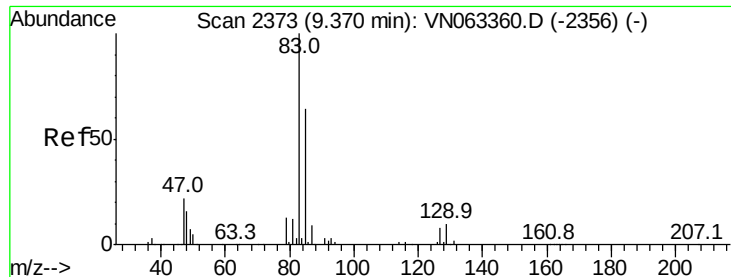


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.208 ug/l

RT: 9.37 min Scan# 2374

Delta R.T. 0.00 min

Lab File: VN063701.D

Acq: 28 Sep 2020 13:28

Instrument :

MSVOA_N

ClientSampleId :

VN0928WBS01

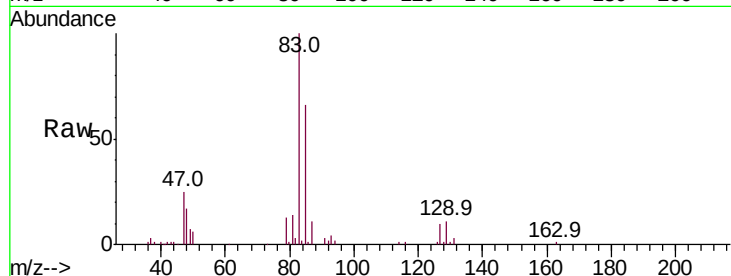
Tot Ion: 83 Resp: 87679

Ion Ratio Lower Upper

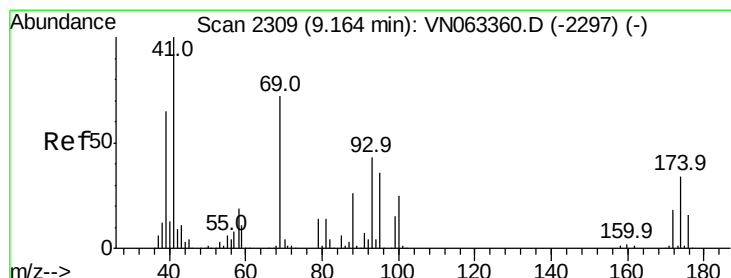
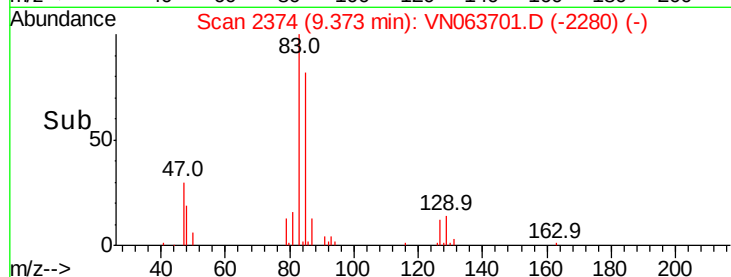
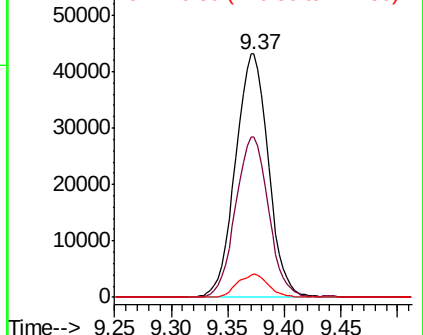
83 100

85 65.8 51.0 76.6

127 9.5 6.3 9.5#



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 84.90 (84.60 to 85.60): VNO
Ion 126.80 (126.50 to 127.50): VNO



#48

Methyl methacrylate

Concen: 17.499 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN063701.D

Acq: 28 Sep 2020 13:28

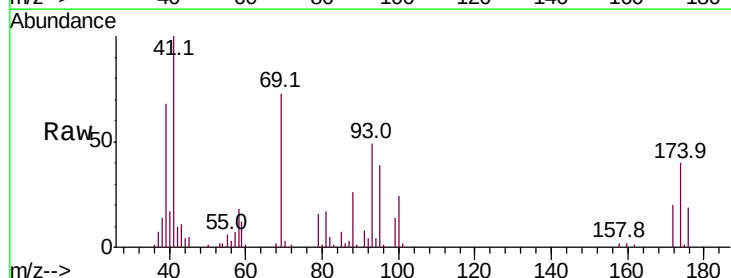
Tgt Ion: 41 Resp: 64873

Ion Ratio Lower Upper

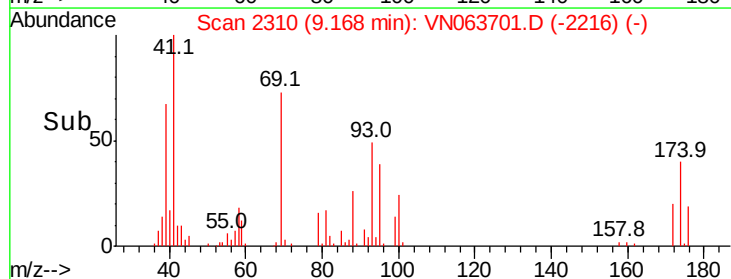
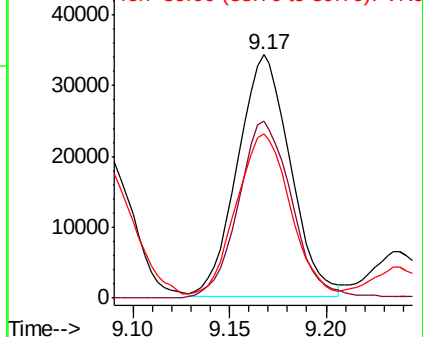
41 100

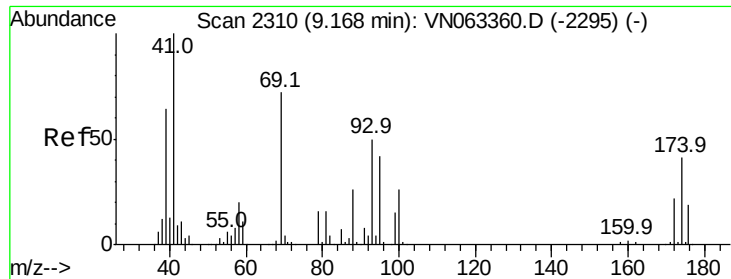
69 74.4 59.3 88.9

39 69.3 52.9 79.3



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

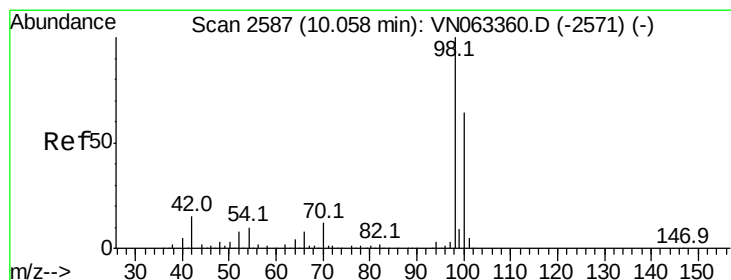
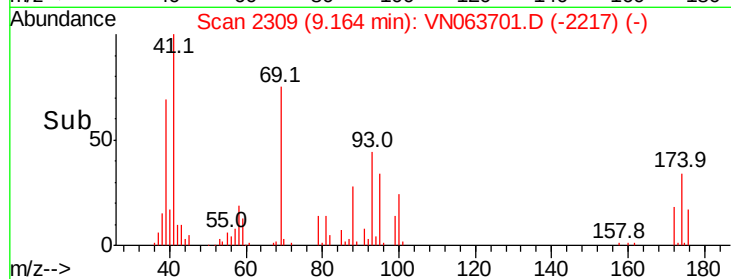
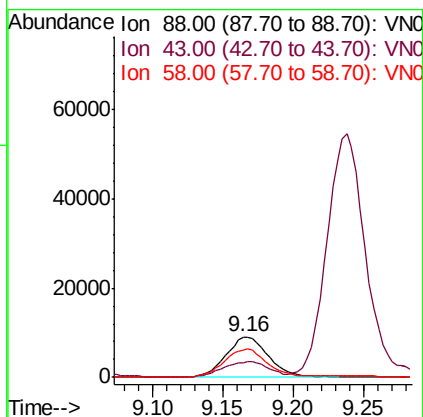
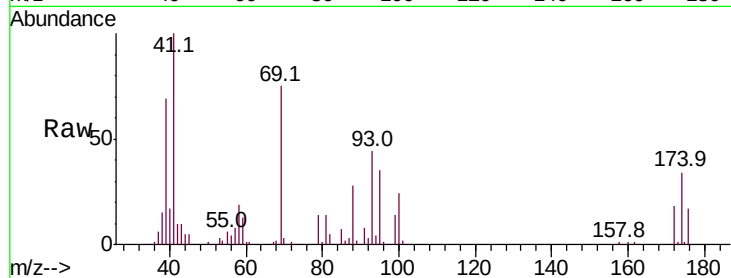




#49
1,4-Dioxane
Concen: 359.175 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN063701.D
Acq: 28 Sep 2020 13:28

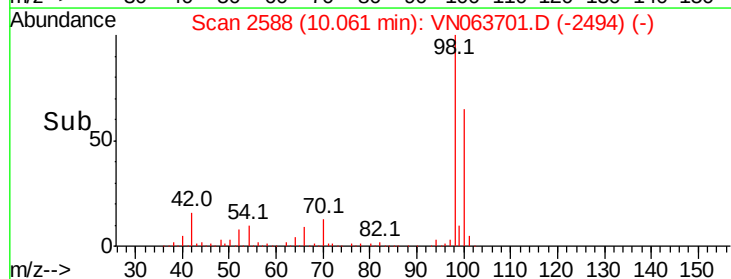
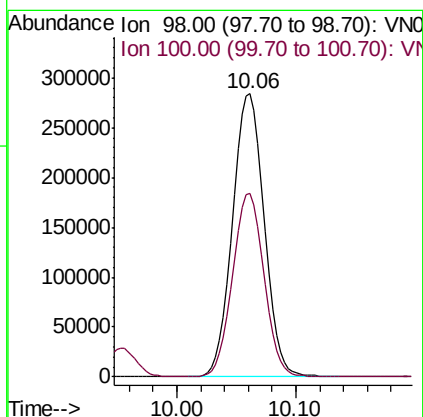
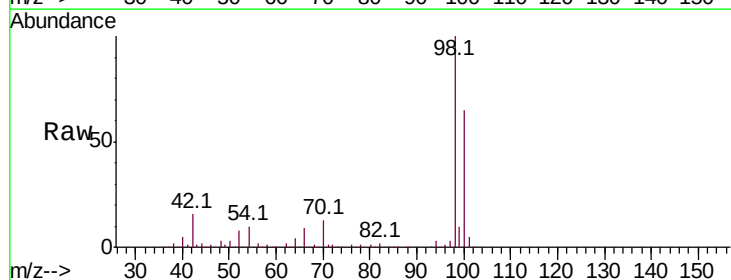
Instrument :
MSVOA_N
ClientSampleId :
VN0928WBS01

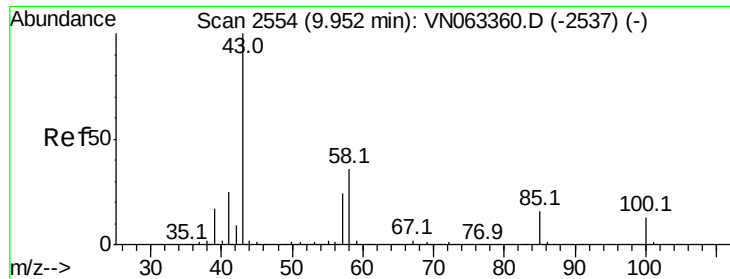
Tot Ion: 88 Resp: 19109
Ion Ratio Lower Upper
88 100
43 43.5 32.6 49.0
58 71.2 60.0 90.0



#50
Toluene-d8
Concen: 50.052 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063701.D
Acq: 28 Sep 2020 13:28

Tgt Ion: 98 Resp: 525851
Ion Ratio Lower Upper
98 100
100 64.3 50.7 76.1





#51

4-Methyl-2-Pentanone

Concen: 97.338 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN063701.D

Acq: 28 Sep 2020 13:28

Instrument :

MSVOA_N

ClientSampled :

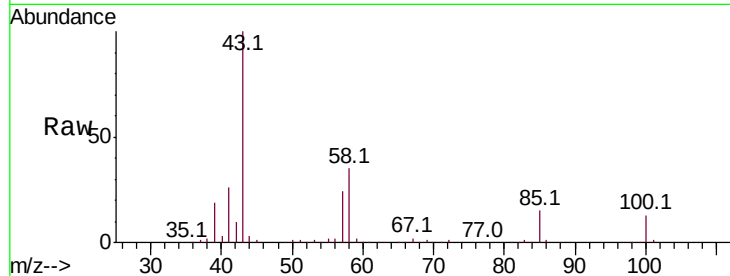
VN0928WBS01

Tot Ion: 43 Resp: 411198

Ion Ratio Lower Upper

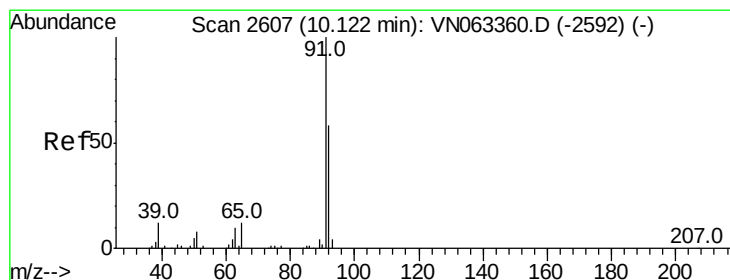
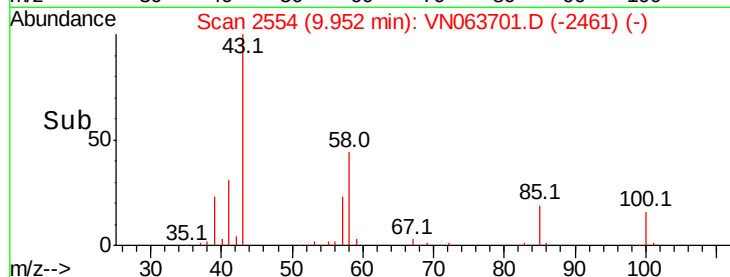
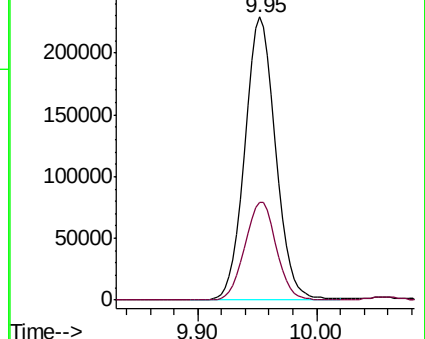
43 100

58 35.4 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 19.003 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063701.D

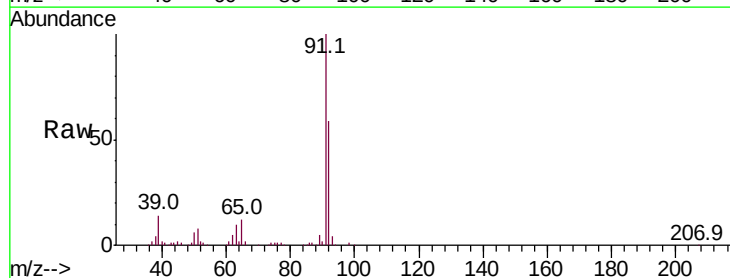
Acq: 28 Sep 2020 13:28

Tgt Ion: 92 Resp: 140234

Ion Ratio Lower Upper

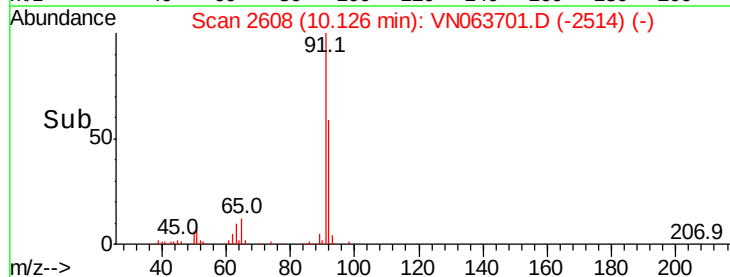
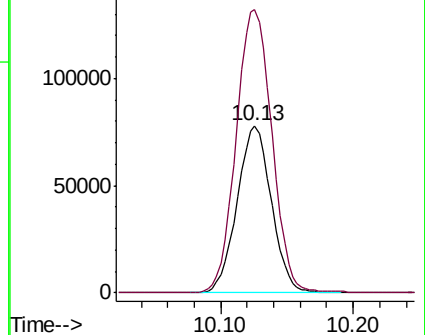
92 100

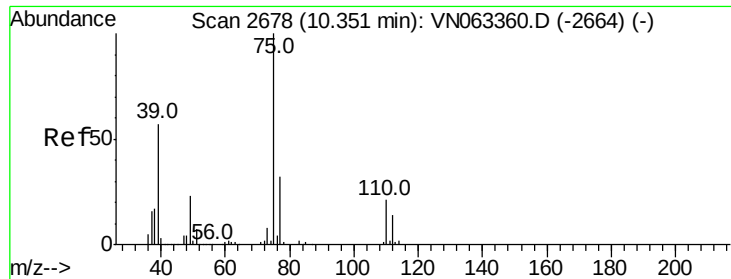
91 176.7 139.7 209.5



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

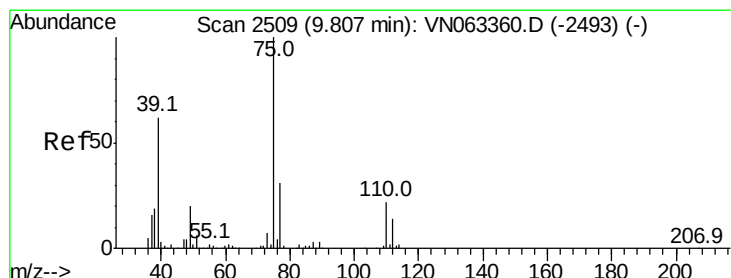
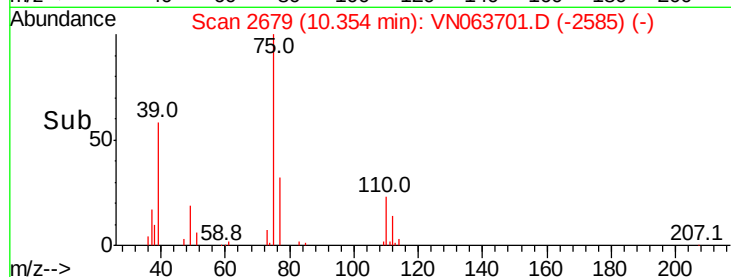
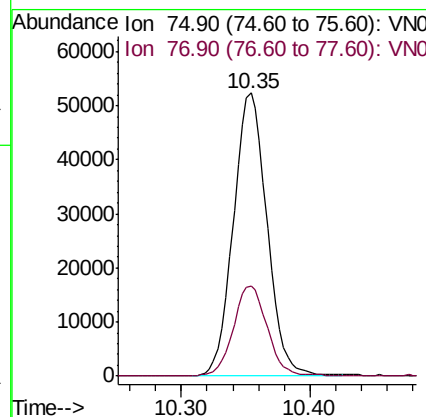
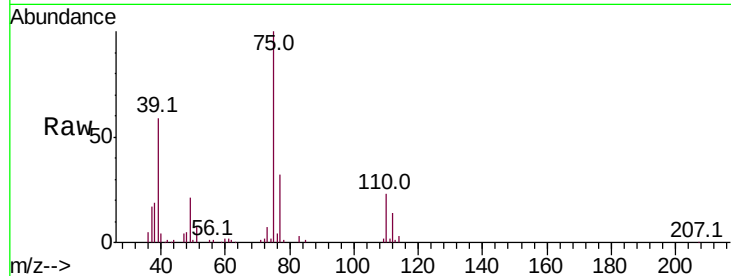




#53
t-1,3-Dichloropropene
Concen: 18.623 ug/l
RT: 10.35 min Scan# 2679
Delta R.T. 0.00 min
Lab File: VN063701.D
Acq: 28 Sep 2020 13:28

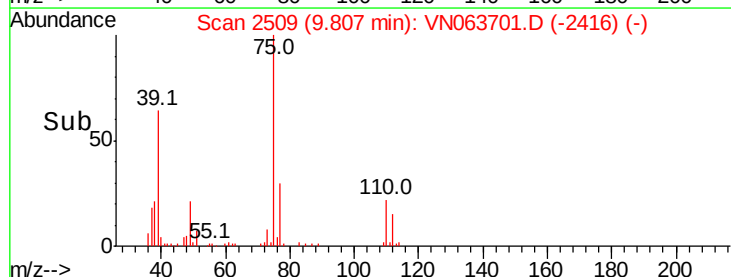
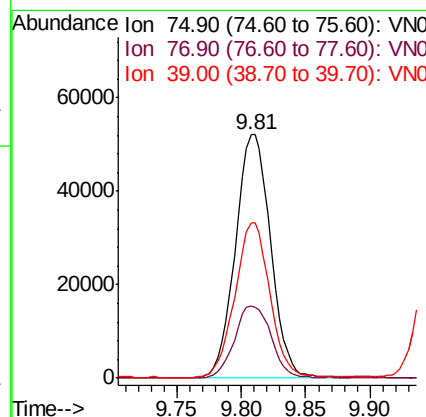
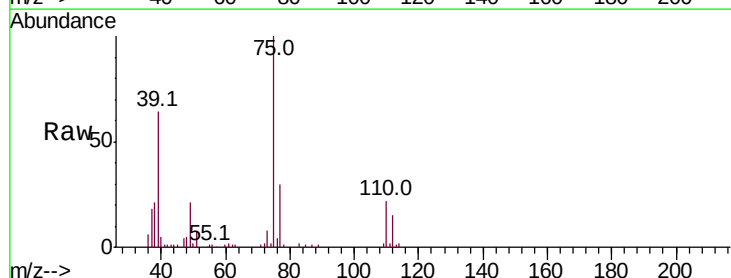
Instrument :
MSVOA_N
ClientSampleId :
VN0928WBS01

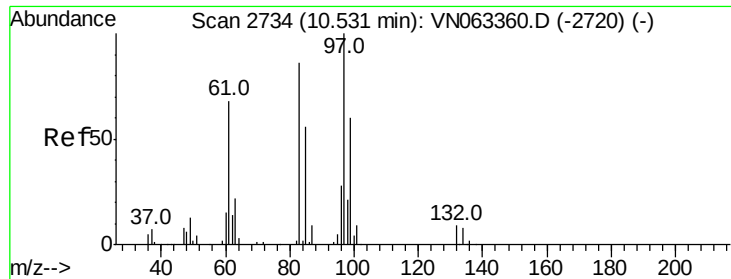
Tot Ion: 75 Resp: 94899
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 18.442 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN063701.D
Acq: 28 Sep 2020 13:28

Tgt Ion: 75 Resp: 99129
Ion Ratio Lower Upper
75 100
77 29.8 24.6 37.0
39 63.5 49.8 74.8

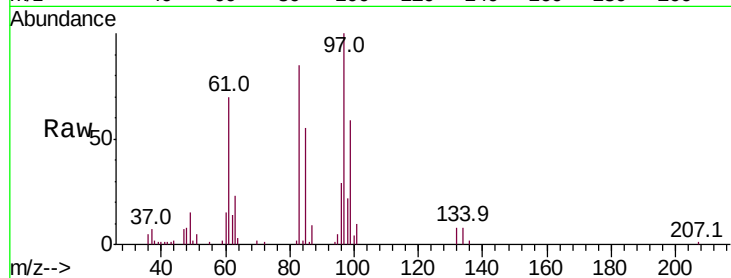




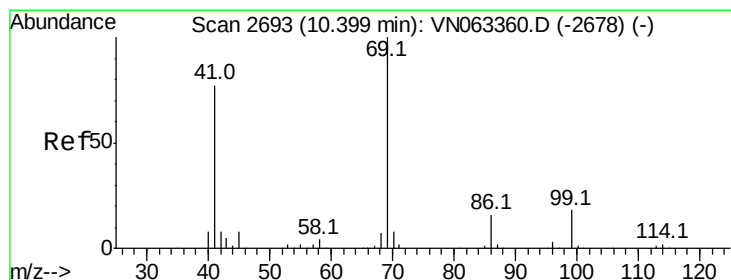
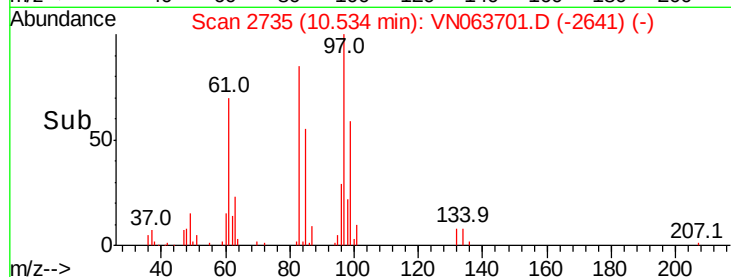
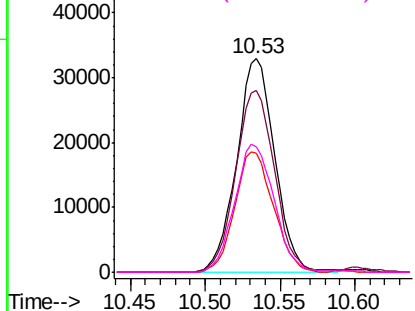
#55
 1,1,2-Trichloroethane
 Concen: 19.948 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN063701.D
 Acq: 28 Sep 2020 13:28

Instrument :
 MSVOA_N
 ClientSampled :
 VN0928WBS01

Tot Ion: 97 Resp: 58472
 Ion Ratio Lower Upper
 97 100
 83 85.0 68.9 103.3
 85 55.5 44.8 67.2
 99 58.8 47.8 71.8

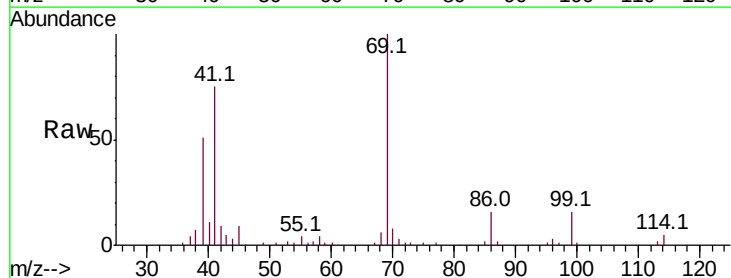


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

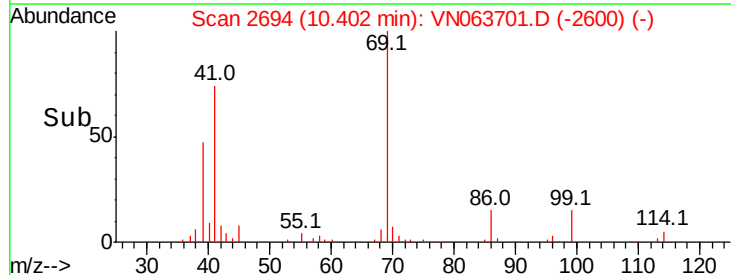
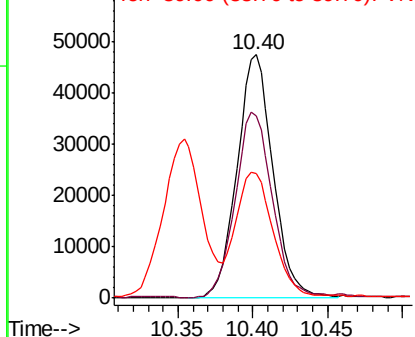


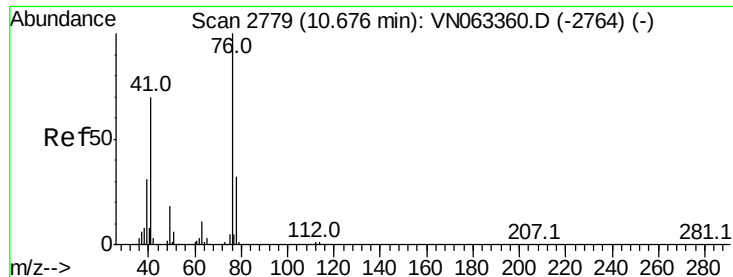
#56
 Ethyl methacrylate
 Concen: 17.441 ug/l
 RT: 10.40 min Scan# 2694
 Delta R.T. 0.00 min
 Lab File: VN063701.D
 Acq: 28 Sep 2020 13:28

Tgt Ion: 69 Resp: 79810
 Ion Ratio Lower Upper
 69 100
 41 78.0 61.0 91.6
 39 51.5 39.2 58.8



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





#57

1,3-Dichloropropane

Concen: 18.877 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN063701.D

Acq: 28 Sep 2020 13:28

Instrument :

MSVOA_N

ClientSampled :

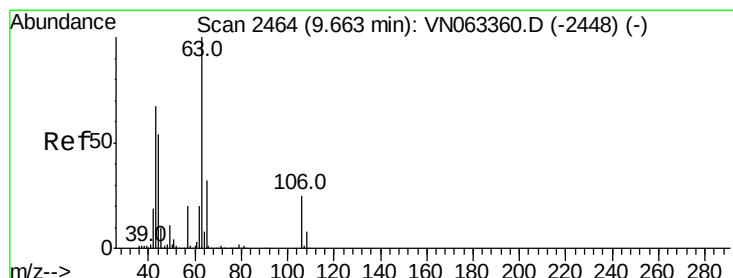
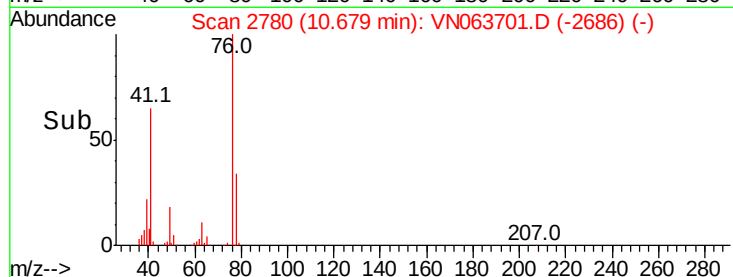
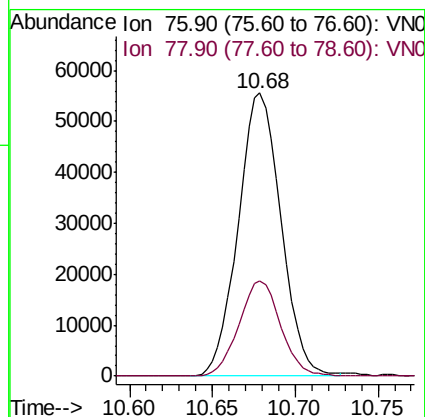
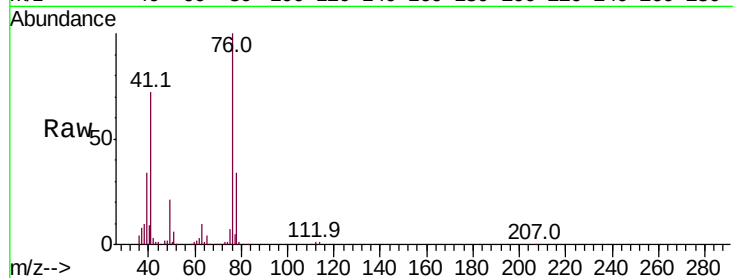
VN0928WBS01

Tot Ion: 76 Resp: 99784

Ion Ratio Lower Upper

76 100

78 32.8 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 84.117 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN063701.D

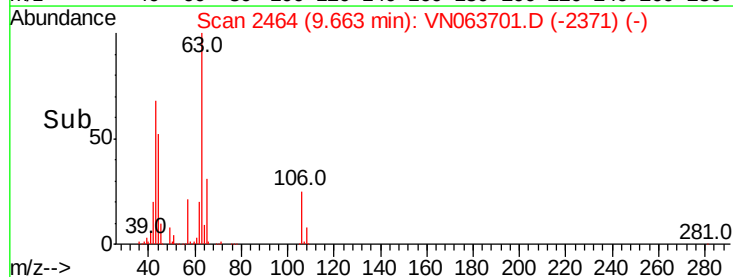
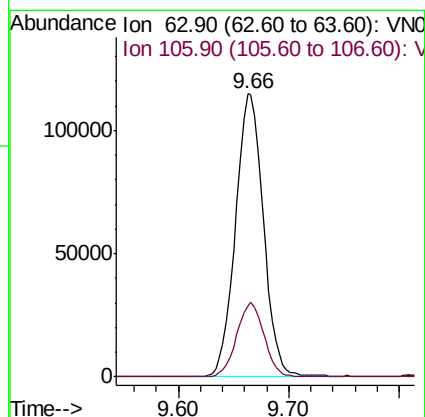
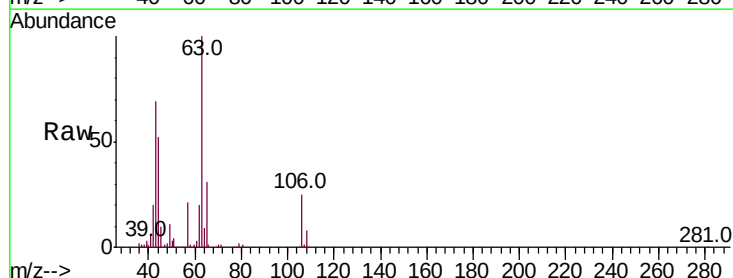
Acq: 28 Sep 2020 13:28

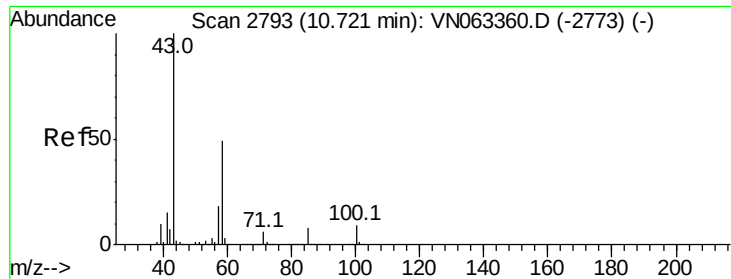
Tgt Ion: 63 Resp: 201922

Ion Ratio Lower Upper

63 100

106 25.9 19.5 29.3

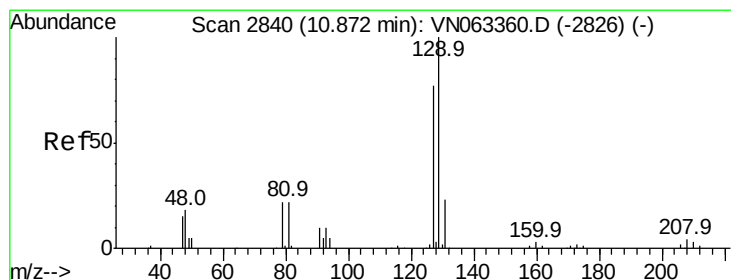
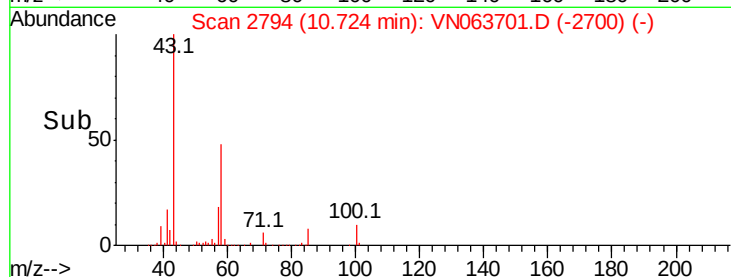
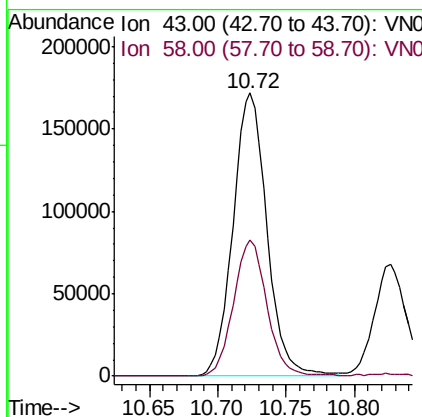
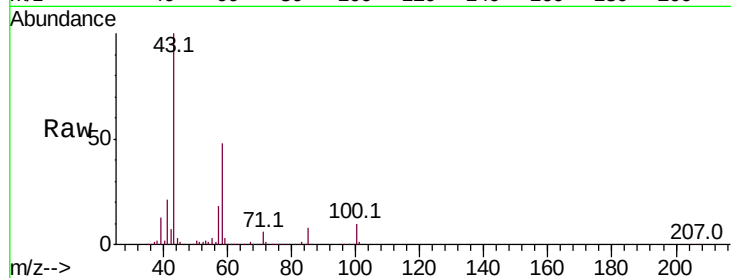




#59
2-Hexanone
Concen: 96.247 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN063701.D
Acq: 28 Sep 2020 13:28

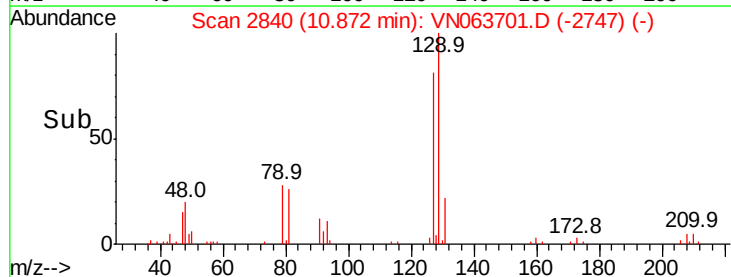
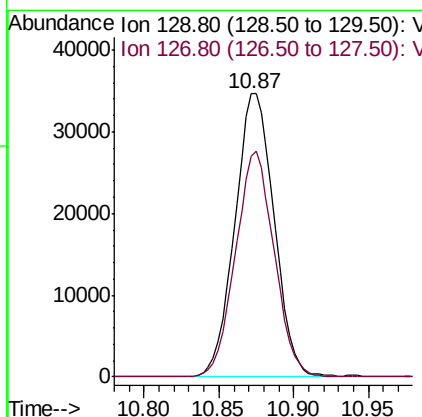
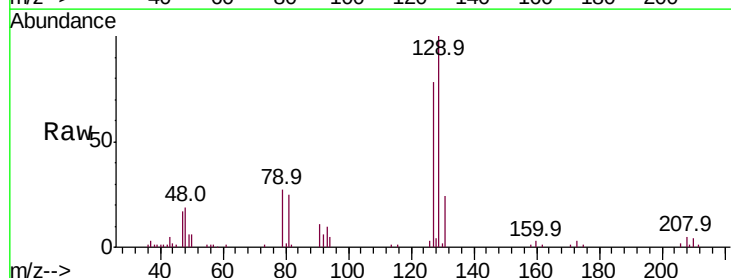
Instrument :
MSVOA_N
ClientSampleId :
VN0928WBS01

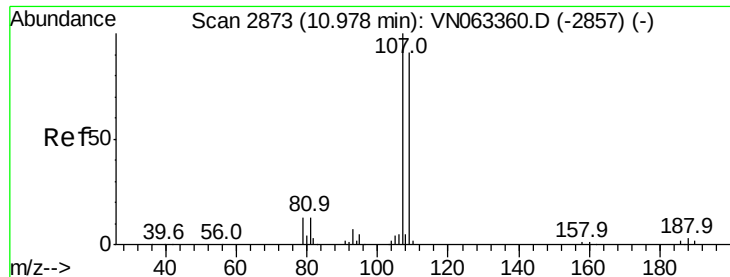
Tot Ion: 43 Resp: 294562
Ion Ratio Lower Upper
43 100
58 47.6 24.7 74.1



#60
Dibromochloromethane
Concen: 19.095 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN063701.D
Acq: 28 Sep 2020 13:28

Tgt Ion: 129 Resp: 63234
Ion Ratio Lower Upper
129 100
127 78.6 39.1 117.3





#61

1,2-Dibromoethane

Concen: 19.678 ug/l

RT: 10.97 min Scan# 2872

Delta R.T. -0.00 min

Lab File: VN063701.D

Acq: 28 Sep 2020 13:28

Instrument :

MSVOA_N

ClientSampleId :

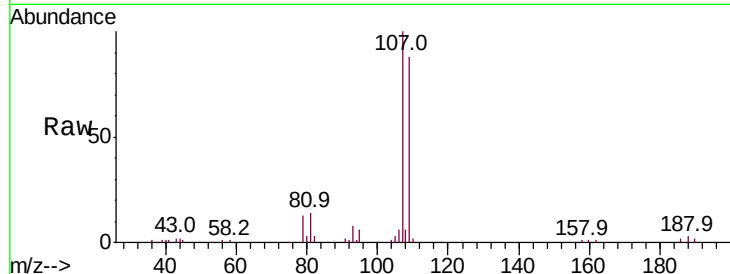
VN0928WBS01

Tot Ion:107 Resp: 59927

Ion Ratio Lower Upper

107 100

109 91.2 74.6 111.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

10.97

30000

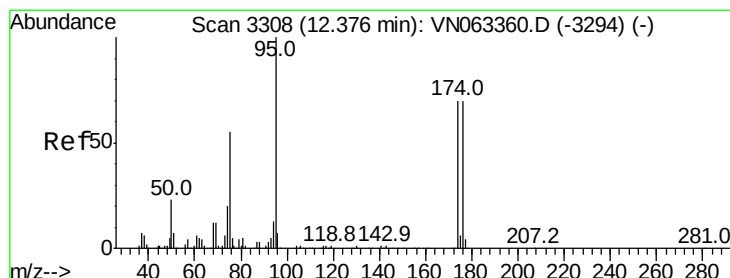
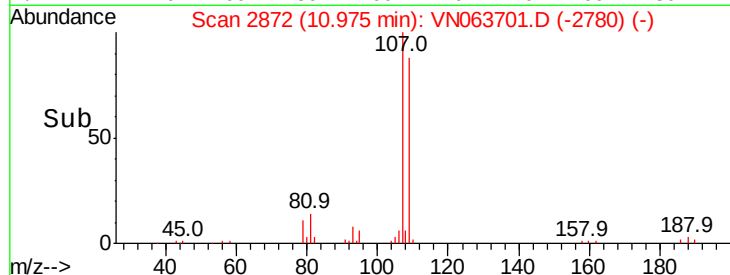
20000

10000

0

Time-->

10.90 10.95 11.00 11.05



#62

4-Bromofluorobenzene

Concen: 50.356 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN063701.D

Acq: 28 Sep 2020 13:28

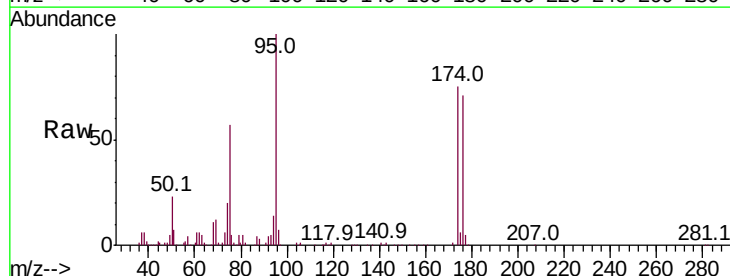
Tgt Ion: 95 Resp: 193937

Ion Ratio Lower Upper

95 100

174 74.4 0.0 140.8

176 70.6 0.0 137.6



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.38

150000

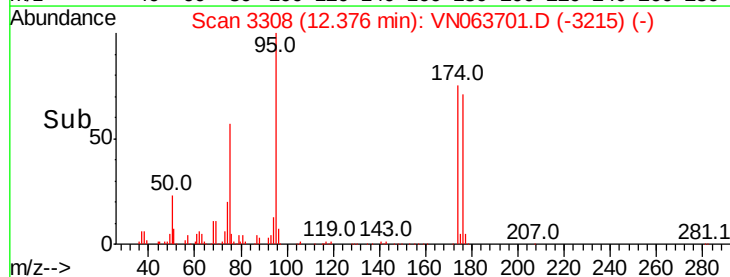
100000

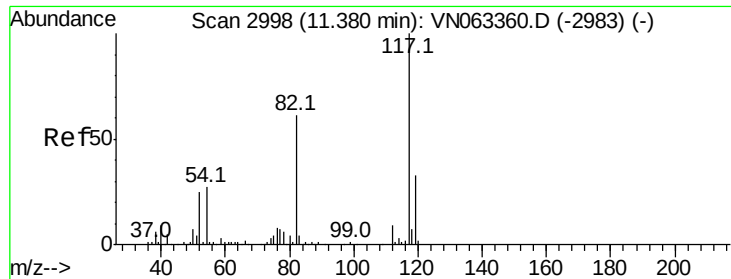
50000

0

Time-->

12.30 12.35 12.40 12.45

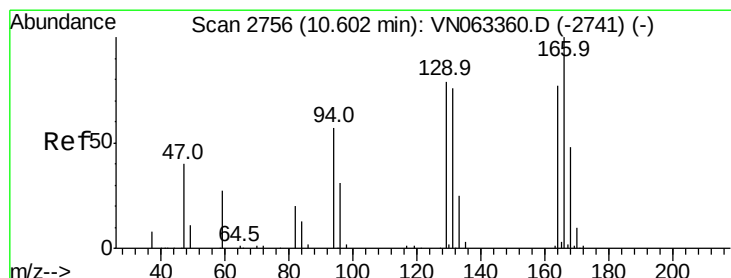
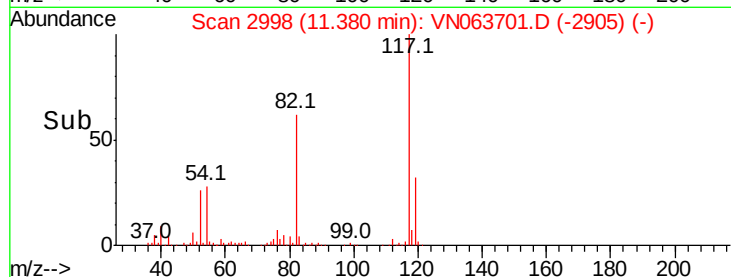
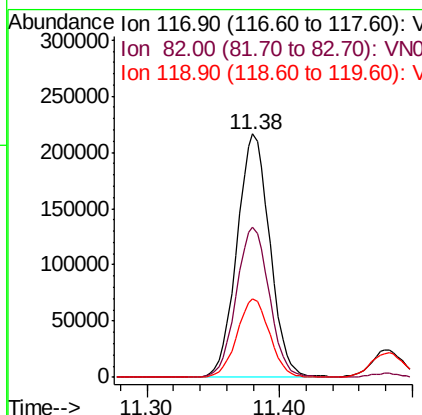
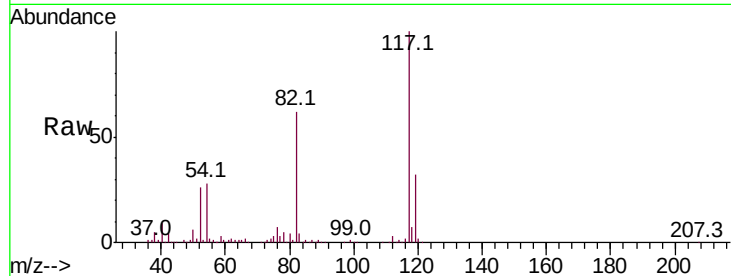




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063701.D
Acq: 28 Sep 2020 13:28

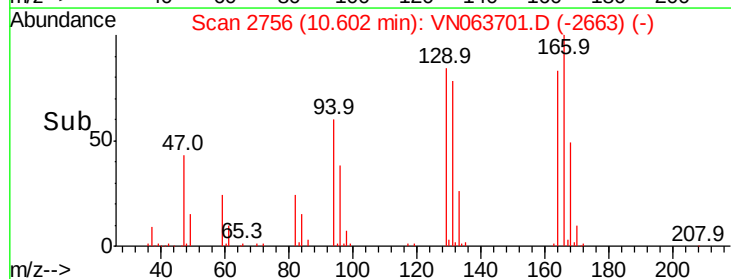
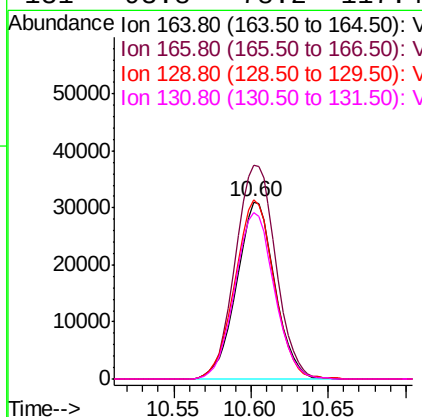
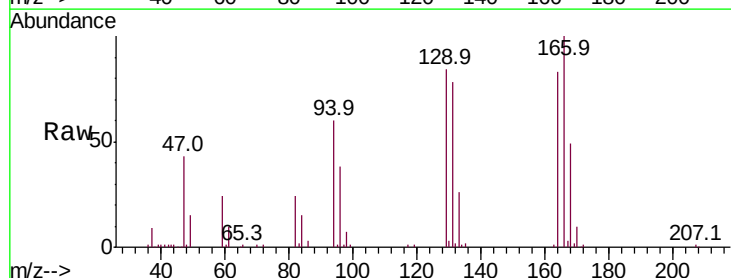
Instrument :
MSVOA_N
ClientSampleId :
VN0928WBS01

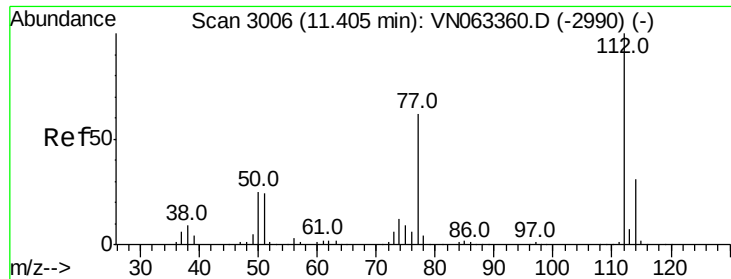
Tot Ion:117 Resp: 372340
Ion Ratio Lower Upper
117 100
82 61.6 49.2 73.8
119 32.3 26.2 39.4



#64
Tetrachloroethene
Concen: 20.984 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN063701.D
Acq: 28 Sep 2020 13:28

Tgt Ion:164 Resp: 53203
Ion Ratio Lower Upper
164 100
166 120.6 103.4 155.0
129 101.1 81.8 122.6
131 93.8 78.2 117.4

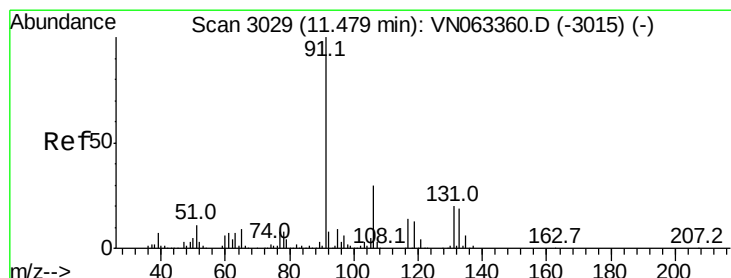
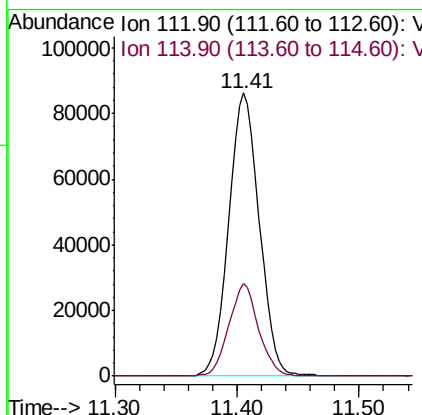
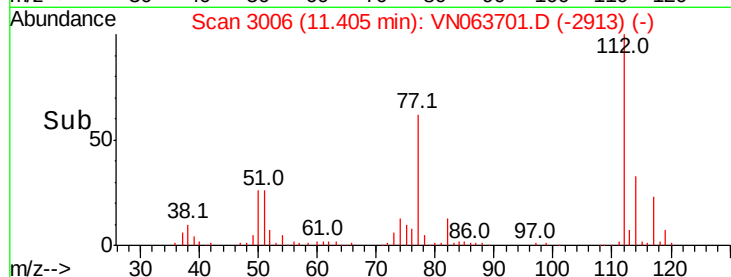
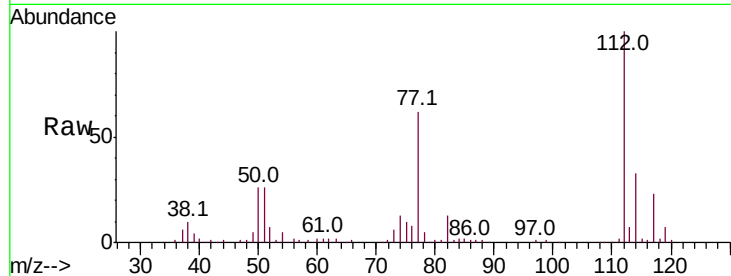




#65
Chlorobenzene
Concen: 19.057 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN063701.D
Acq: 28 Sep 2020 13:28

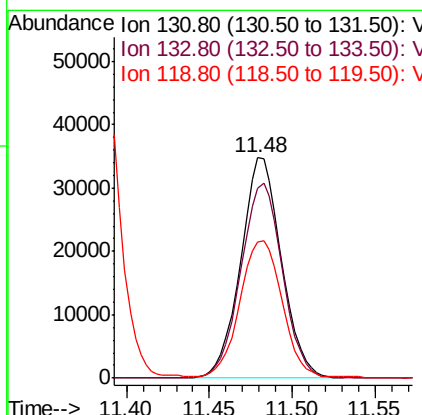
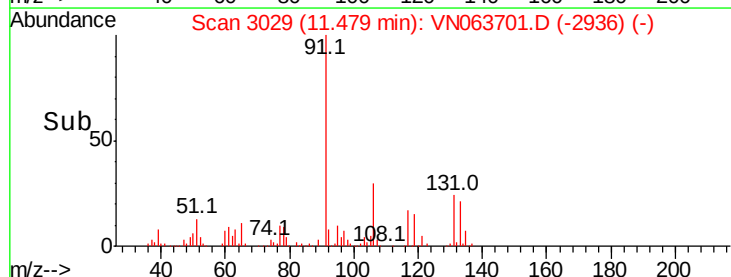
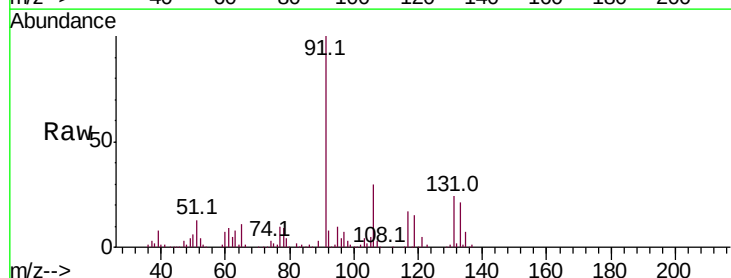
Instrument :
MSVOA_N
ClientSampleId :
VN0928WBS01

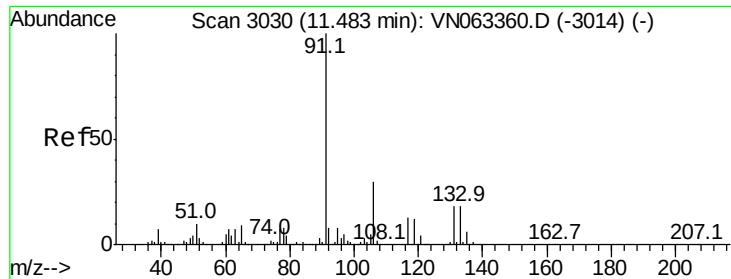
Tot Ion:112 Resp: 150618
Ion Ratio Lower Upper
112 100
114 32.5 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.526 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN063701.D
Acq: 28 Sep 2020 13:28

Tgt Ion:131 Resp: 59469
Ion Ratio Lower Upper
131 100
133 90.3 47.3 141.9
119 64.1 33.6 100.8





#67

Ethyl Benzene

Concen: 18.143 ug/l

RT: 11.49 min Scan# 3031

Delta R.T. 0.00 min

Lab File: VN063701.D

Acq: 28 Sep 2020 13:28

Instrument :

MSVOA_N

ClientSampled :

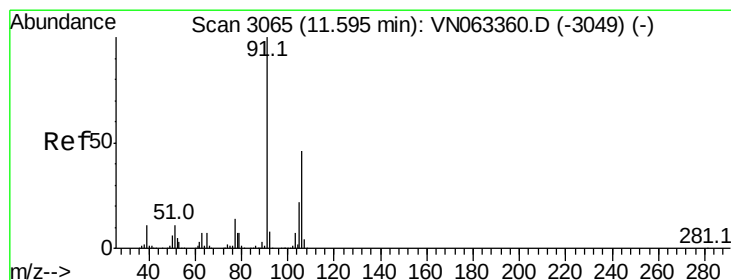
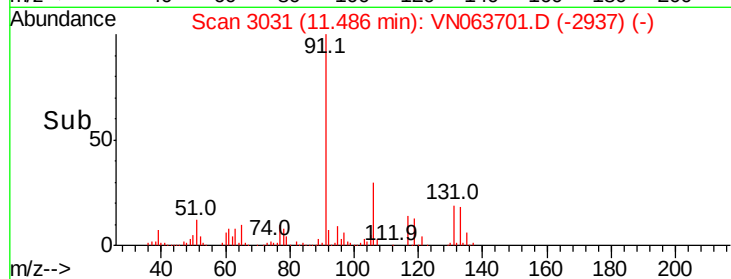
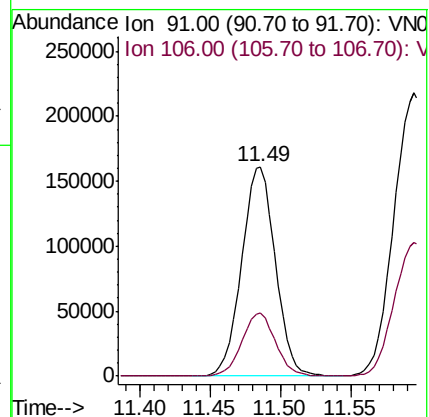
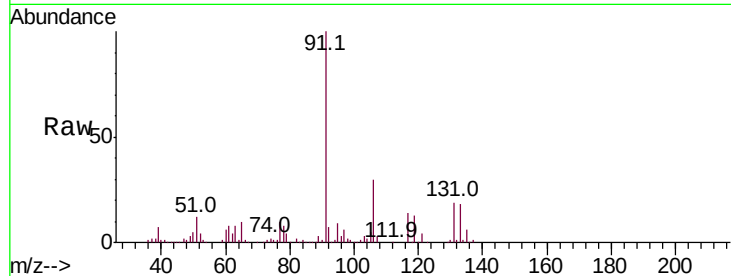
VN0928WBS01

Tot Ion: 91 Resp: 270050

Ion Ratio Lower Upper

91 100

106 30.2 23.8 35.6



#68

m/p-Xylenes

Concen: 37.444 ug/l

RT: 11.60 min Scan# 3065

Delta R.T. 0.00 min

Lab File: VN063701.D

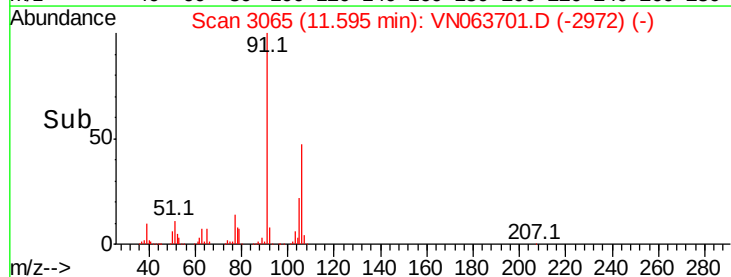
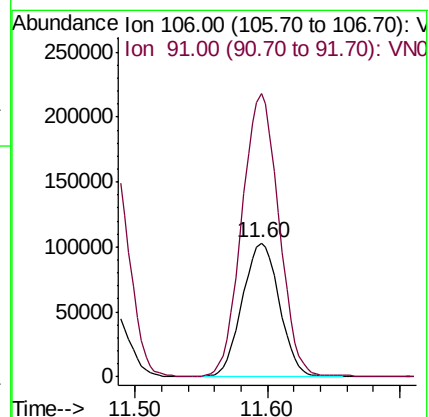
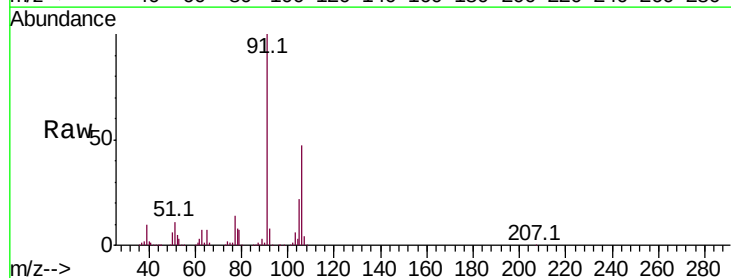
Acq: 28 Sep 2020 13:28

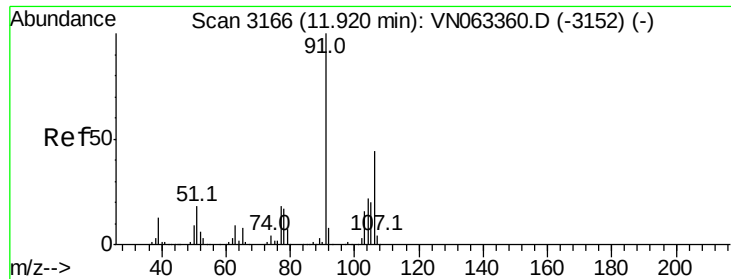
Tgt Ion: 106 Resp: 200942

Ion Ratio Lower Upper

106 100

91 209.5 171.2 256.8

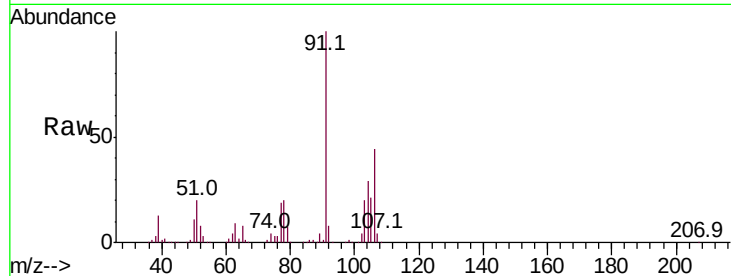




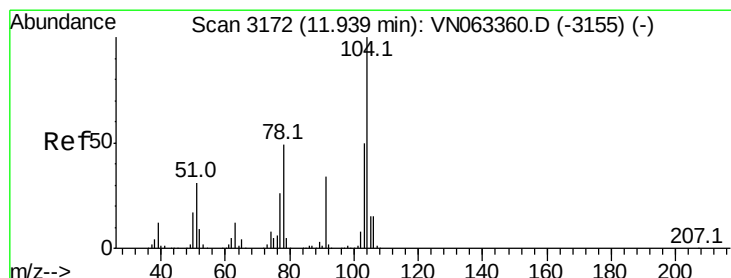
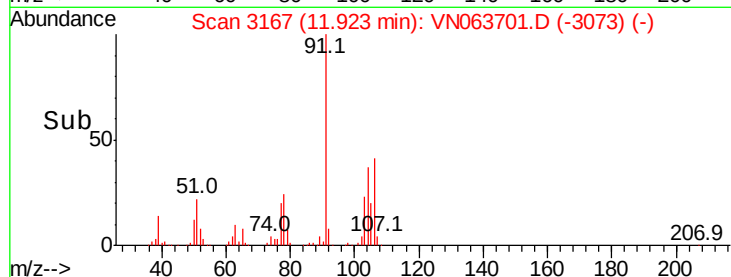
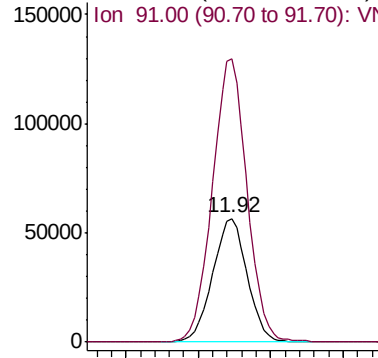
#69
o-Xylene
Concen: 18.329 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063701.D
Acq: 28 Sep 2020 13:28

Instrument :
MSVOA_N
ClientSampled :
VN0928WBS01

Tot Ion:106 Resp: 93702
Ion Ratio Lower Upper
106 100
91 229.9 113.6 340.8

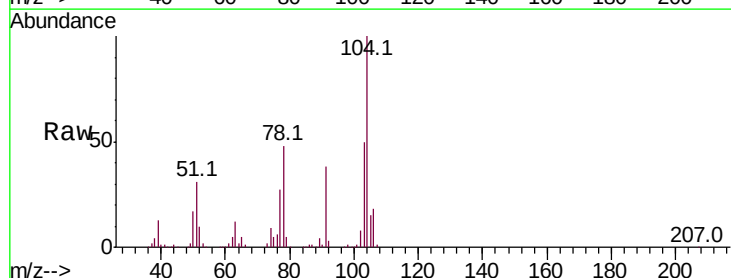


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

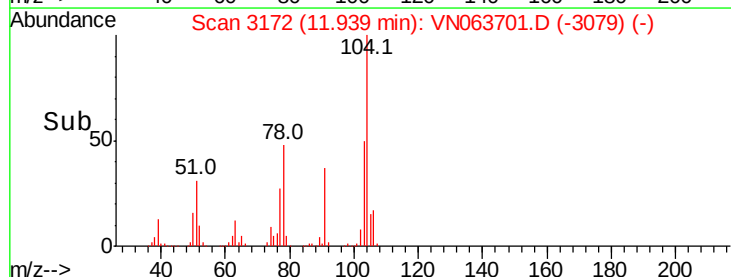
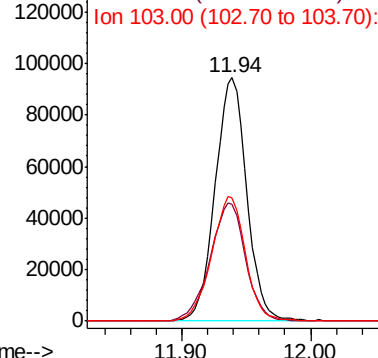


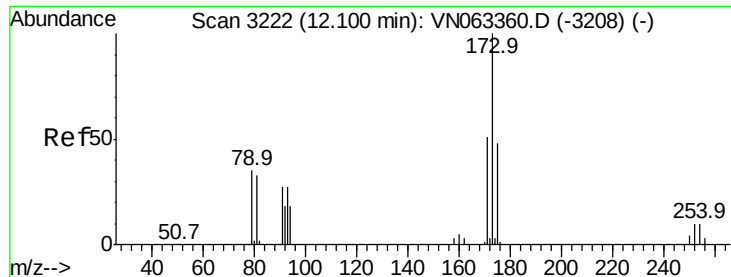
#70
Styrene
Concen: 18.818 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN063701.D
Acq: 28 Sep 2020 13:28

Tgt Ion:104 Resp: 161323
Ion Ratio Lower Upper
104 100
78 54.7 44.4 66.6
103 54.9 43.7 65.5



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





#71

Bromoform

Concen: 19.977 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN063701.D

Acq: 28 Sep 2020 13:28

Instrument :

MSVOA_N

ClientSampleId :

VN0928WBS01

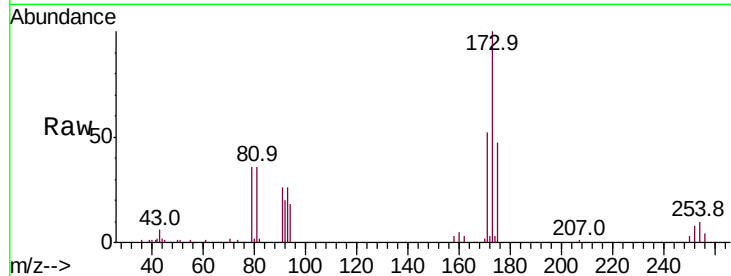
Tot Ion:173 Resp: 43118

Ion Ratio Lower Upper

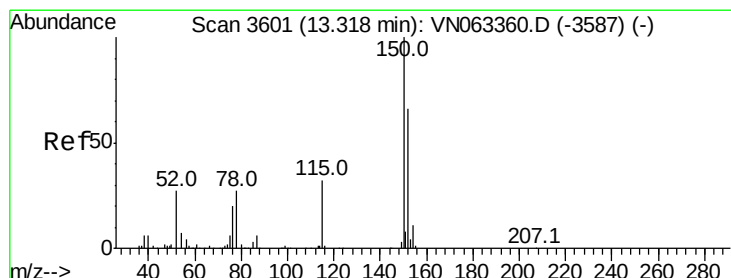
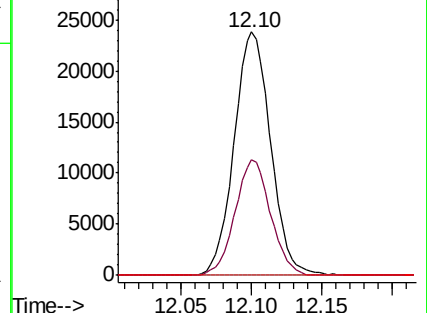
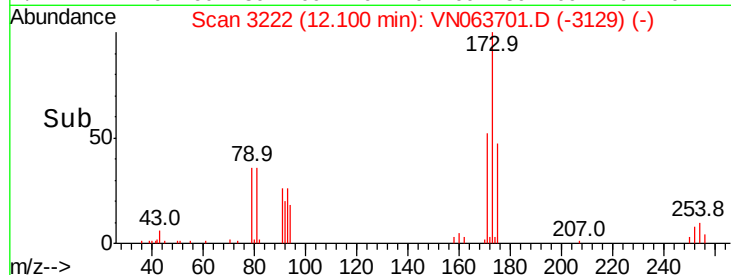
173 100

175 46.0 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: VN063701.D

Acq: 28 Sep 2020 13:28

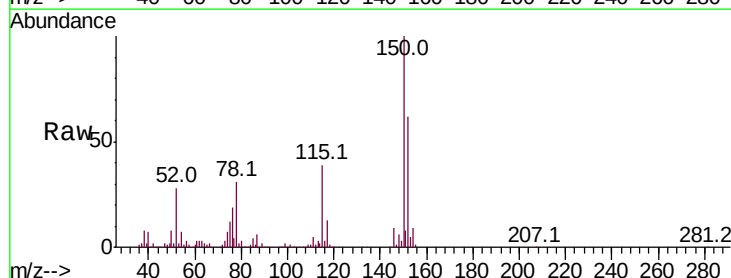
Tgt Ion:152 Resp: 175901

Ion Ratio Lower Upper

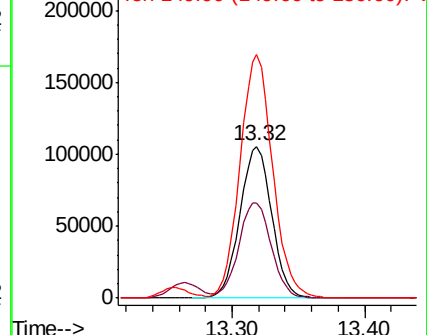
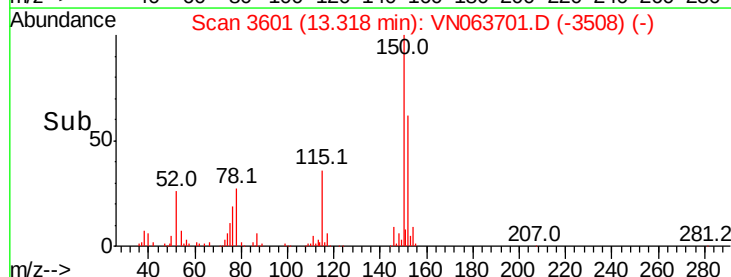
152 100

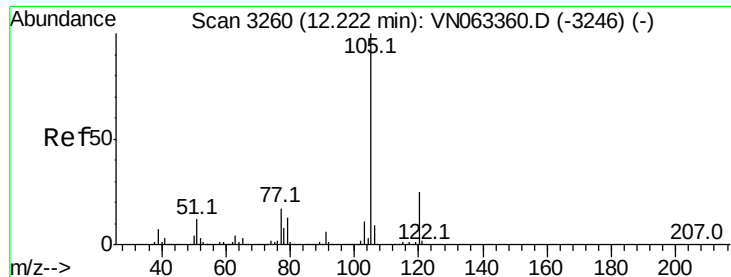
115 64.6 32.2 96.6

150 164.6 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: 18.337 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063701.D

Acq: 28 Sep 2020 13:28

Instrument :

MSVOA_N

ClientSampleId :

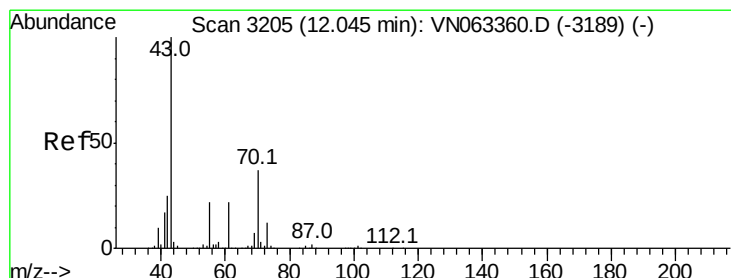
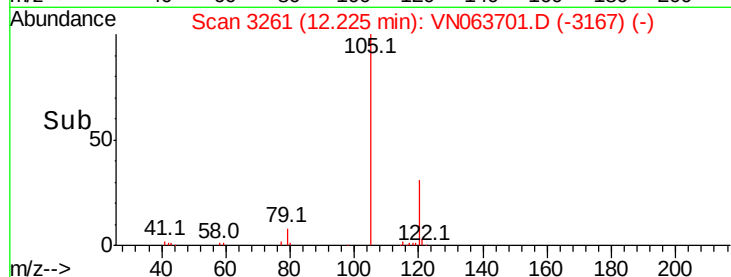
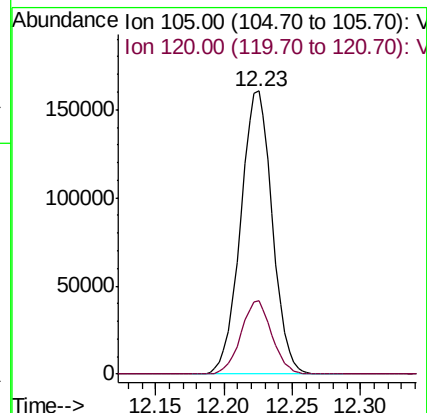
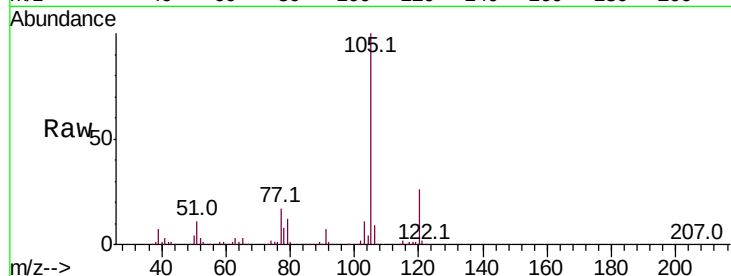
VN0928WBS01

Tot Ion:105 Resp: 258476

Ion Ratio Lower Upper

105 100

120 25.4 12.7 38.0



#74

N-ethyl acetate

Concen: 16.867 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN063701.D

Acq: 28 Sep 2020 13:28

Tgt Ion: 43 Resp: 112542

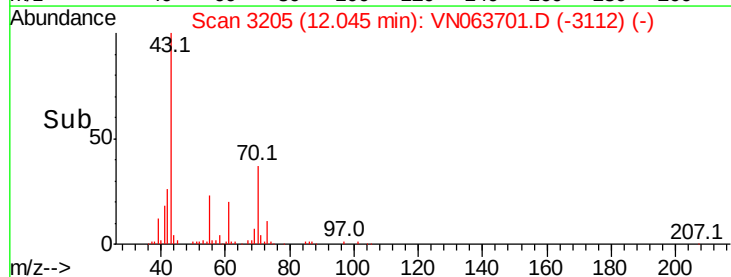
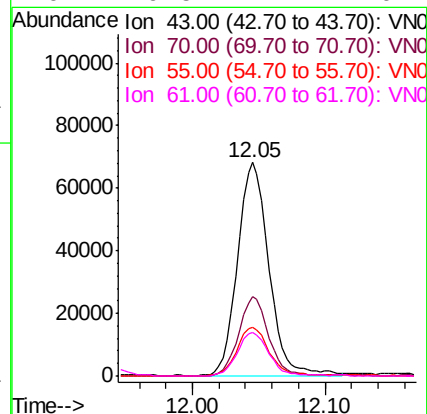
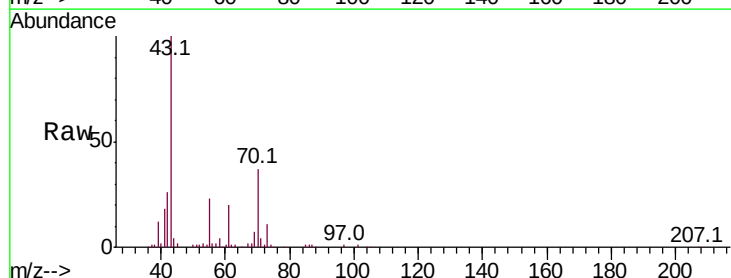
Ion Ratio Lower Upper

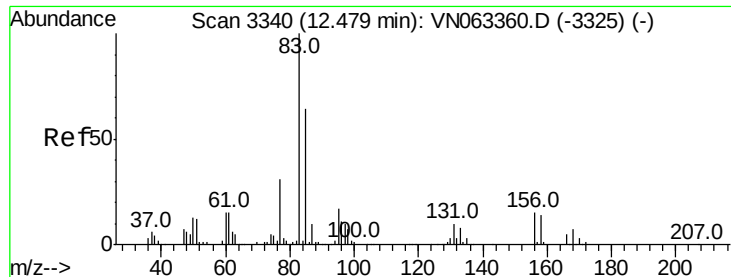
43 100

70 35.6 29.6 44.4

55 23.6 17.7 26.5

61 20.5 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 19.432 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN063701.D

Acq: 28 Sep 2020 13:28

Instrument :

MSVOA_N

ClientSampled :

VN0928WBS01

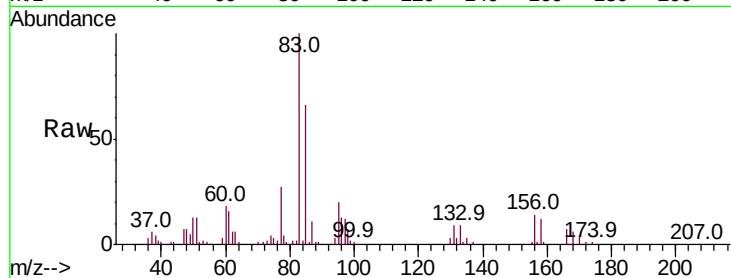
Tot Ion: 83 Resp: 84809

Ion	Ratio	Lower	Upper
83	100		
131	10.3	4.9	14.7
85	64.7	32.0	96.0

83 100

131 10.3 4.9 14.7

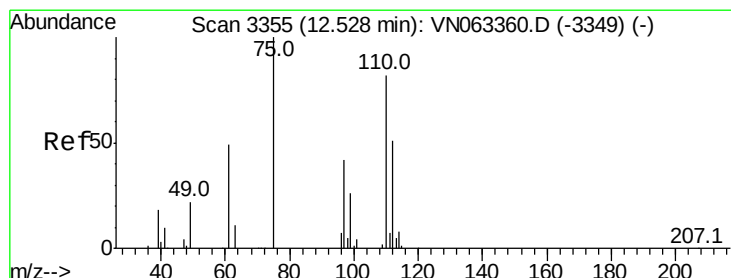
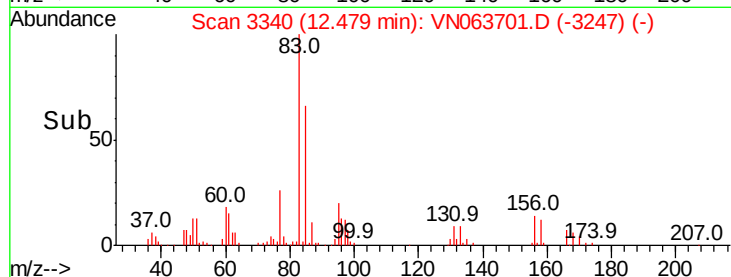
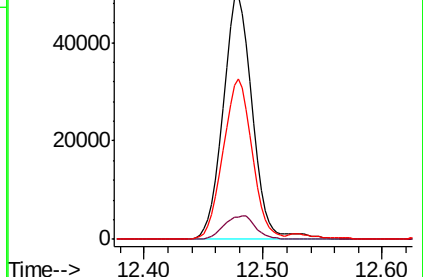
85 64.7 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 26.589 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN063701.D

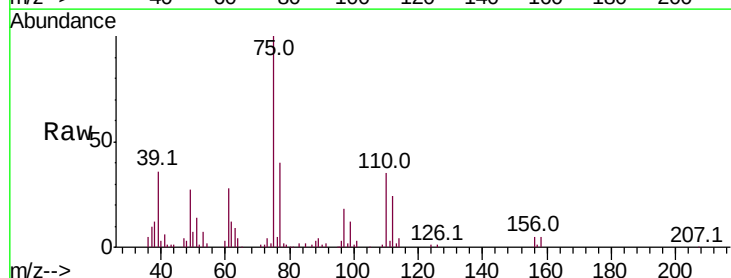
Acq: 28 Sep 2020 13:28

Tgt Ion: 75 Resp: 115761

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

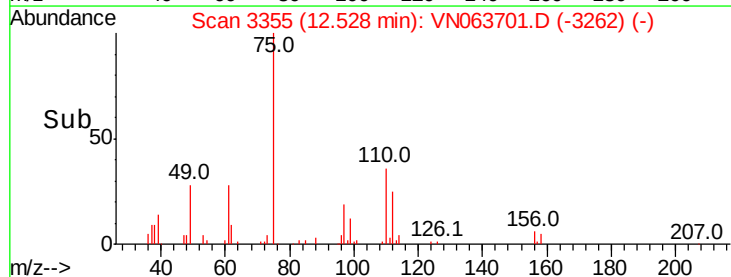
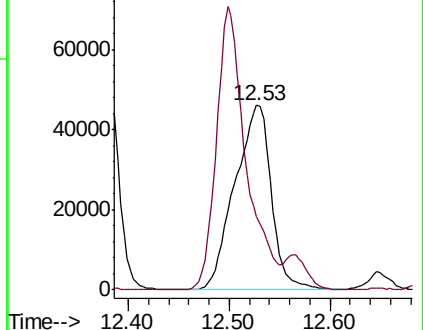
75 100

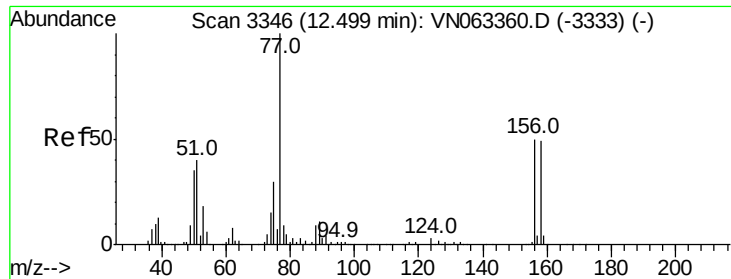
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 20.274 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. 0.00 min

Lab File: VN063701.D

Acq: 28 Sep 2020 13:28

Instrument :

MSVOA_N

ClientSampleId :

VN0928WBS01

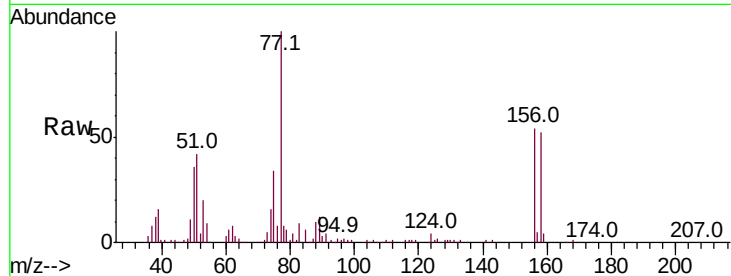
Tot Ion:156 Resp: 64284

Ion Ratio Lower Upper

156 100

77 225.2 120.2 360.6

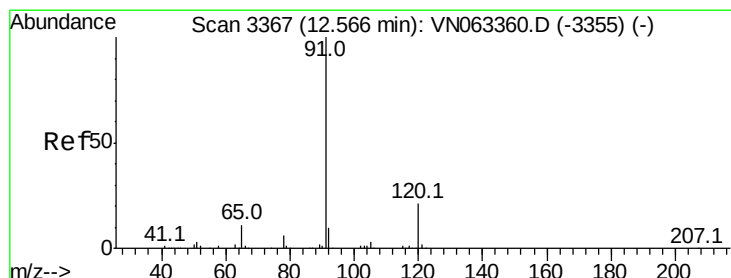
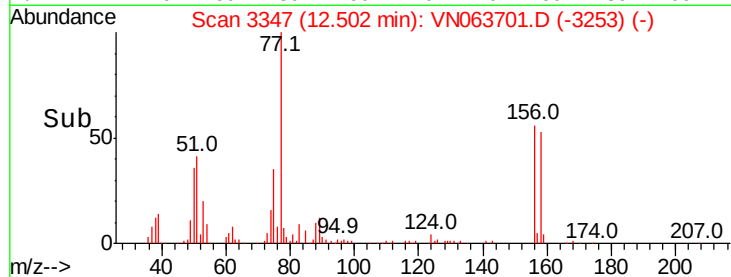
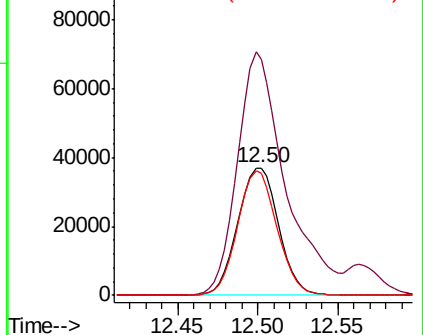
158 94.3 48.9 146.6



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: 18.056 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN063701.D

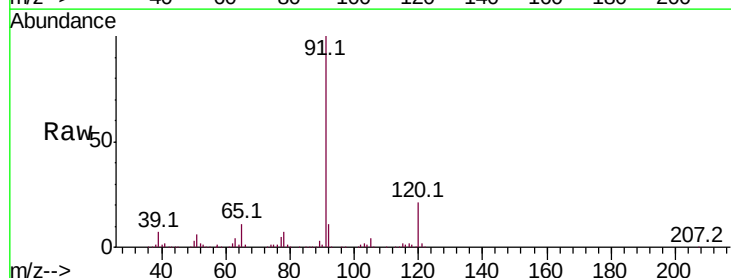
Acq: 28 Sep 2020 13:28

Tgt Ion: 91 Resp: 296437

Ion Ratio Lower Upper

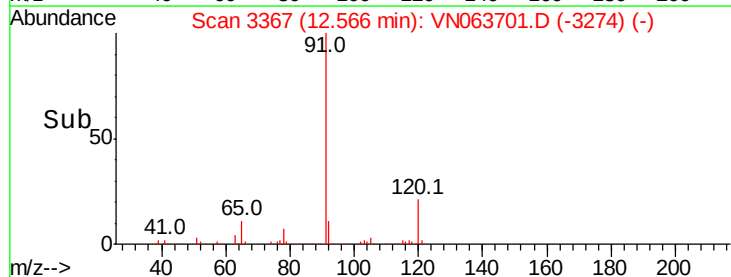
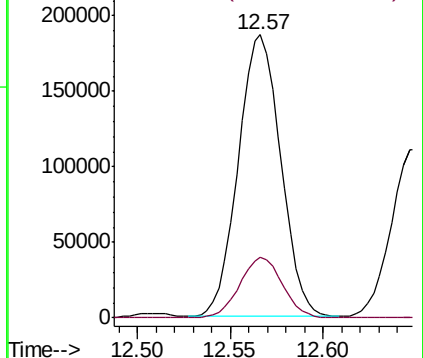
91 100

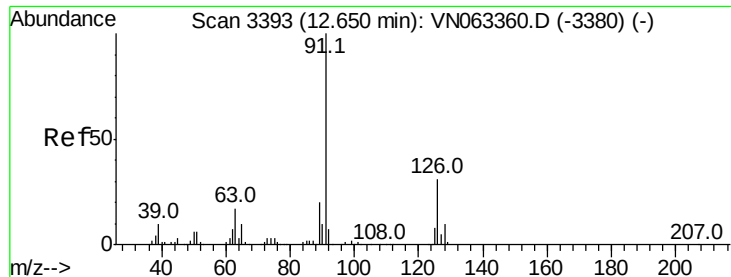
120 21.8 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.711 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN063701.D

Acq: 28 Sep 2020 13:28

Instrument :

MSVOA_N

ClientSampled :

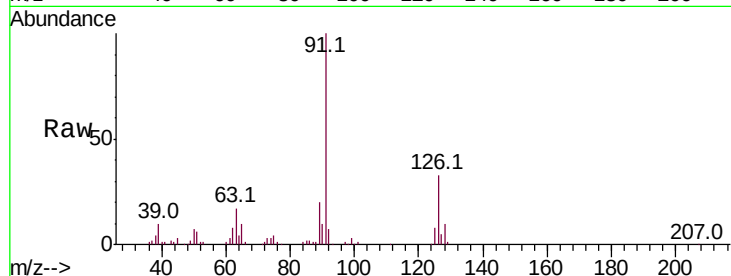
VN0928WBS01

Tot Ion: 91 Resp: 184143

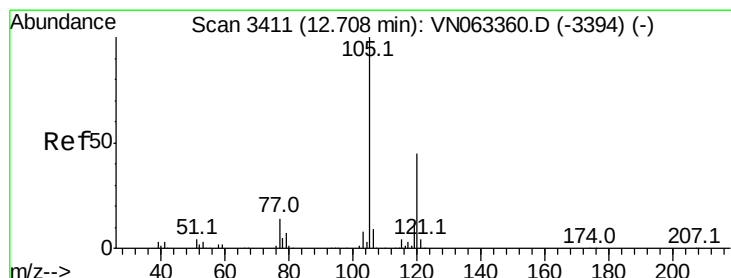
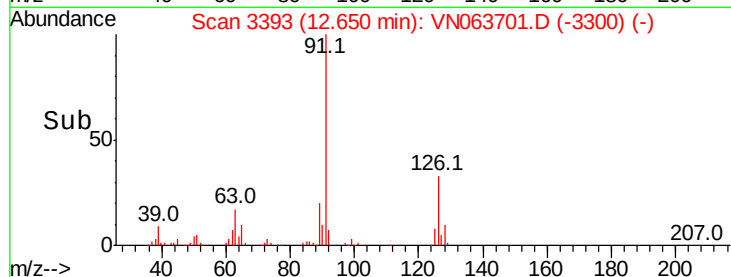
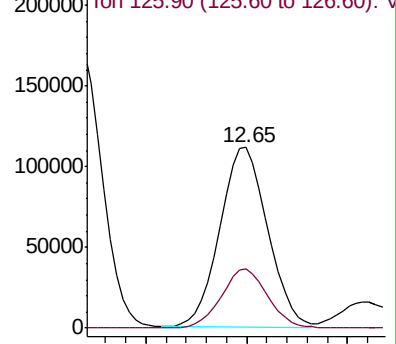
Ion Ratio Lower Upper

91 100

126 32.0 15.8 47.3



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



#80

1,3,5-Trimethylbenzene

Concen: 18.654 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN063701.D

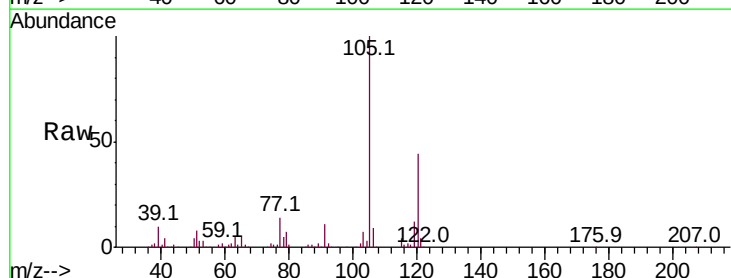
Acq: 28 Sep 2020 13:28

Tgt Ion: 105 Resp: 219264

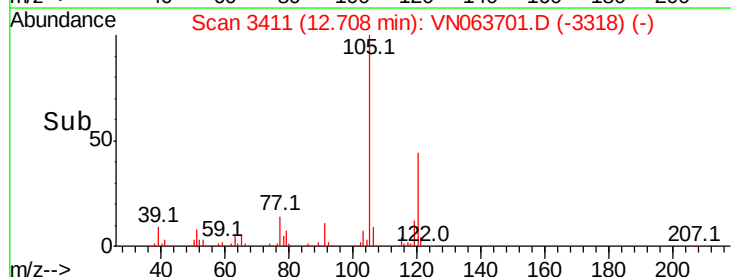
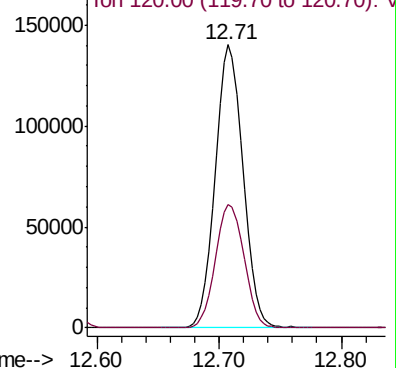
Ion Ratio Lower Upper

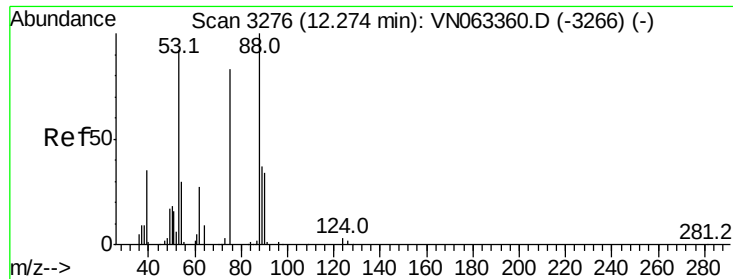
105 100

120 45.0 22.9 68.8



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





#81

trans-1,4-Dichloro-2-butene

Concen: 16.509 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN063701.D

Acq: 28 Sep 2020 13:28

Instrument :

MSVOA_N

ClientSampleId :

VN0928WBS01

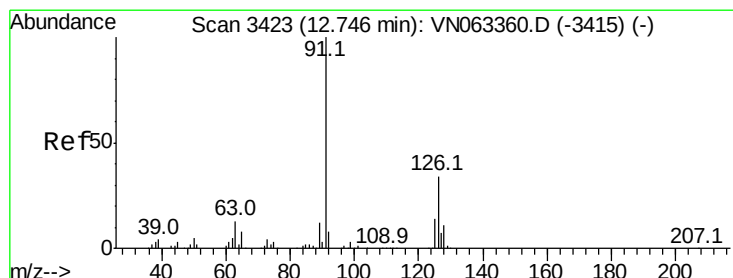
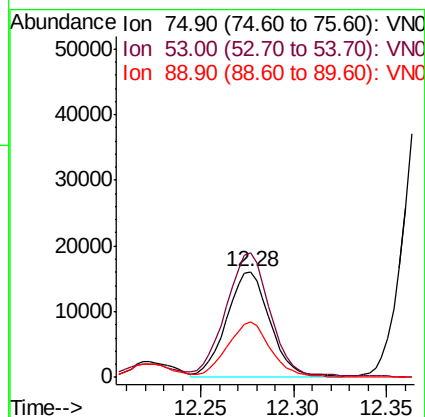
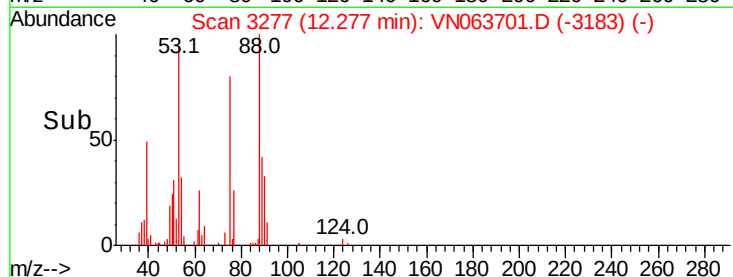
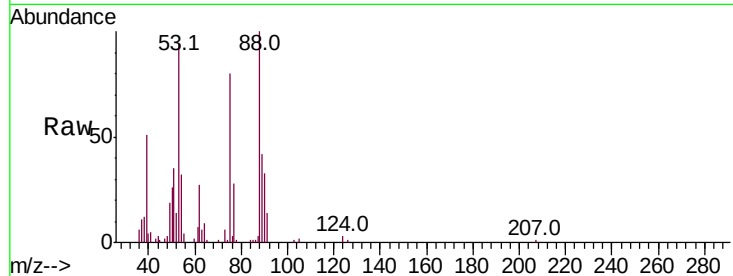
Tot Ion: 75 Resp: 26217

Ion Ratio Lower Upper

75 100

53 117.9 85.7 128.5

89 51.8 38.0 57.0



#82

4-Chlorotoluene

Concen: 18.529 ug/l

RT: 12.75 min Scan# 3424

Delta R.T. 0.00 min

Lab File: VN063701.D

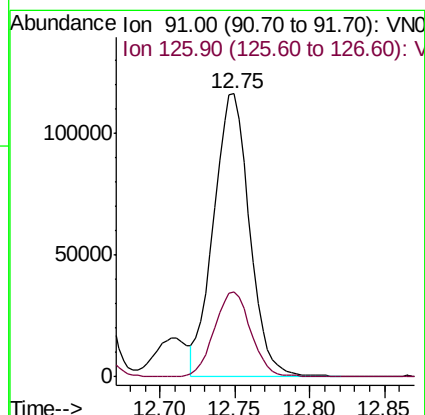
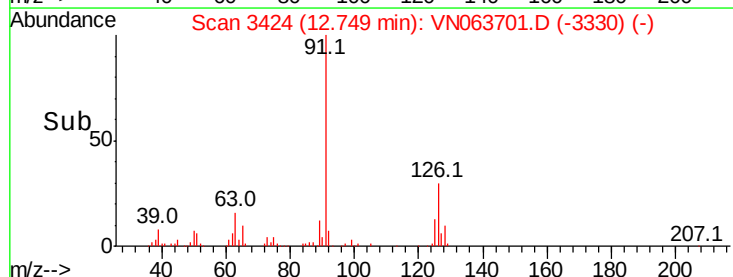
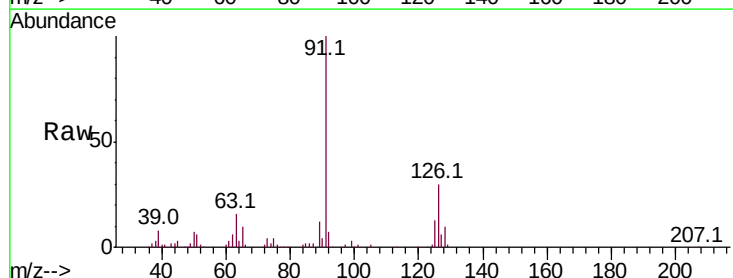
Acq: 28 Sep 2020 13:28

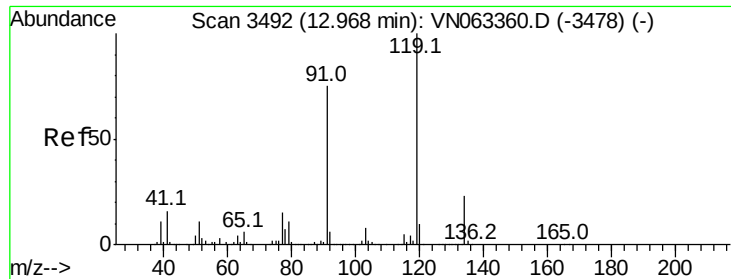
Tgt Ion: 91 Resp: 192671

Ion Ratio Lower Upper

91 100

126 30.9 15.5 46.5





#83

tert-Butylbenzene

Concen: 18.049 ug/l

RT: 12.97 min Scan# 3492

Delta R.T. 0.00 min

Lab File: VN063701.D

Acq: 28 Sep 2020 13:28

Instrument :

MSVOA_N

ClientSampled :

VN0928WBS01

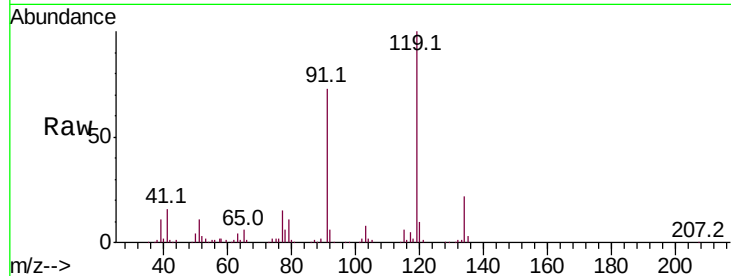
Tot Ion:119 Resp: 175097

Ion Ratio Lower Upper

119 100

91 72.1 36.3 108.9

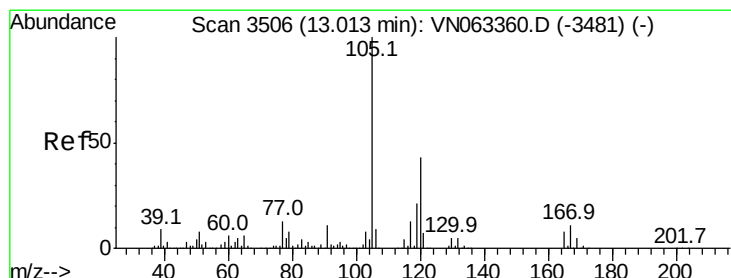
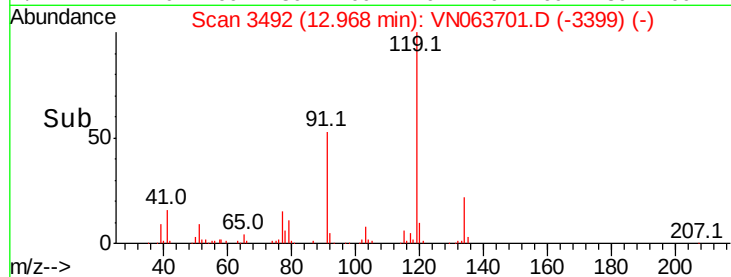
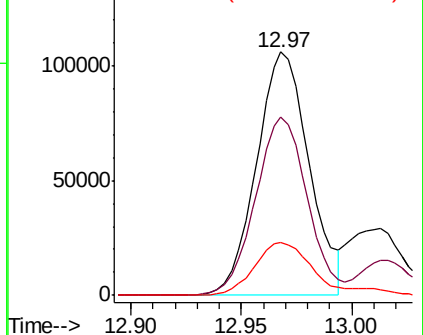
134 23.4 12.3 36.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 18.248 ug/l

RT: 13.02 min Scan# 3507

Delta R.T. 0.00 min

Lab File: VN063701.D

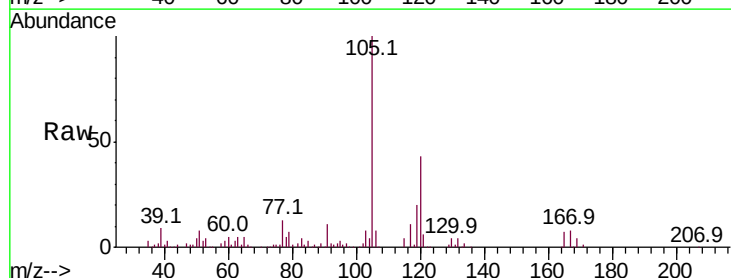
Acq: 28 Sep 2020 13:28

Tgt Ion:105 Resp: 216645

Ion Ratio Lower Upper

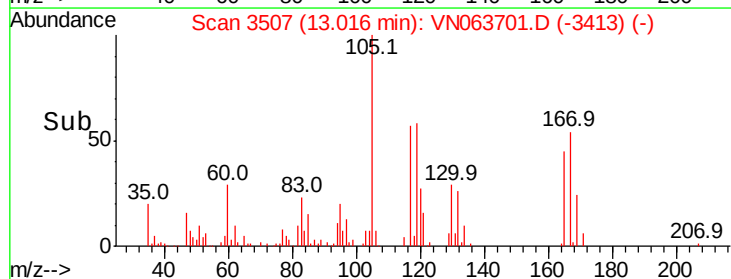
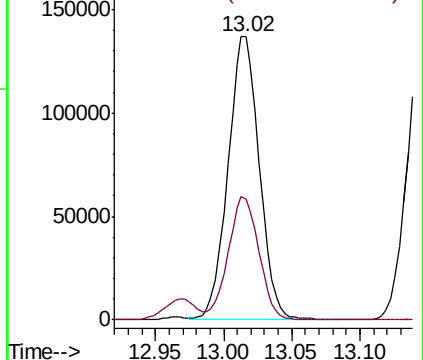
105 100

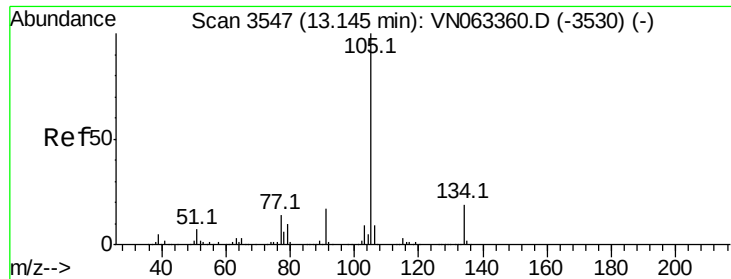
120 42.6 21.3 63.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 17.966 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. 0.00 min

Lab File: VN063701.D

Acq: 28 Sep 2020 13:28

Instrument :

MSVOA_N

ClientSampleId :

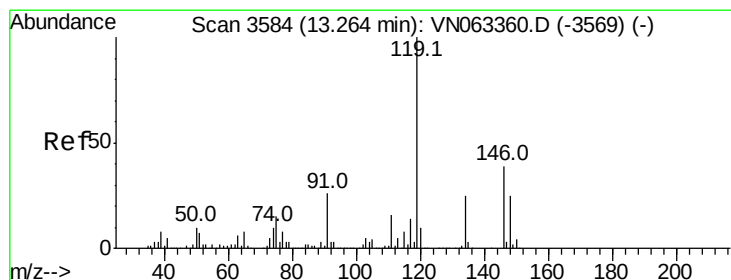
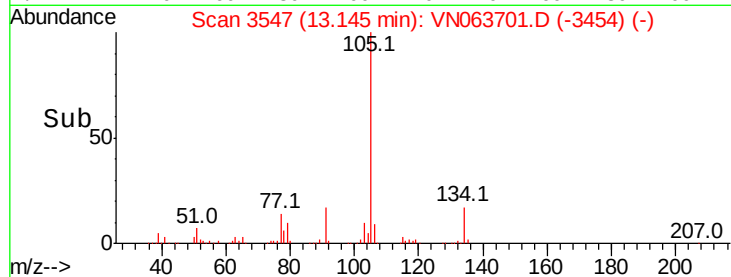
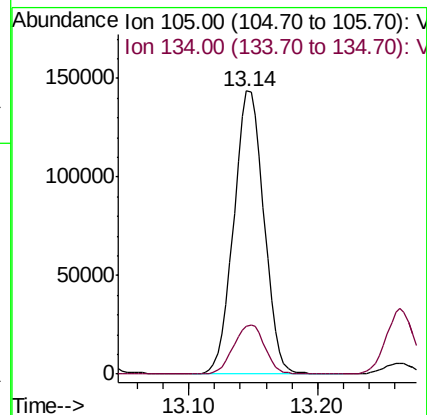
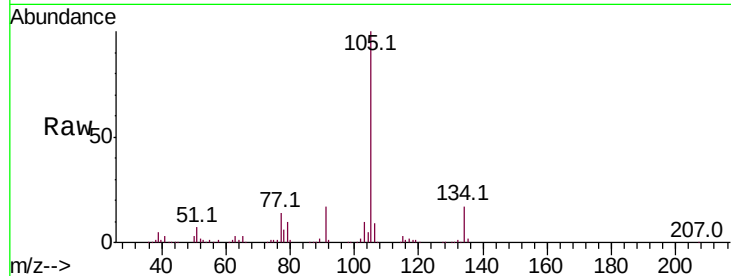
VN0928WBS01

Tot Ion:105 Resp: 233303

Ion Ratio Lower Upper

105 100

134 18.0 9.3 27.7



#86

p-Isopropyltoluene

Concen: 18.202 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN063701.D

Acq: 28 Sep 2020 13:28

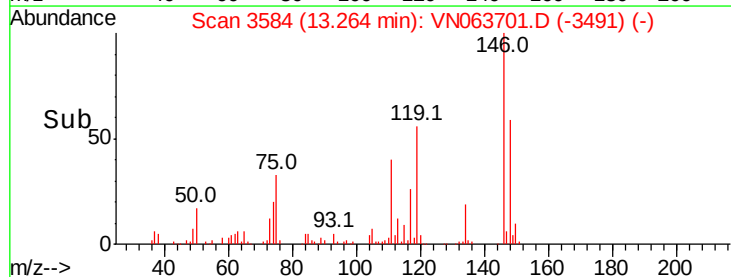
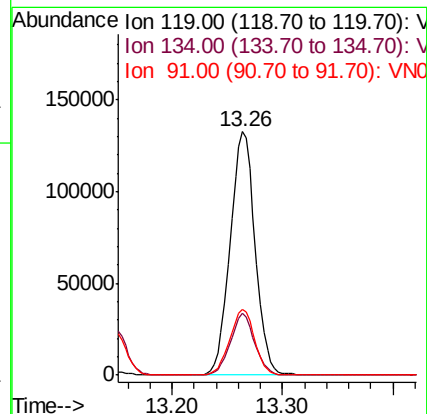
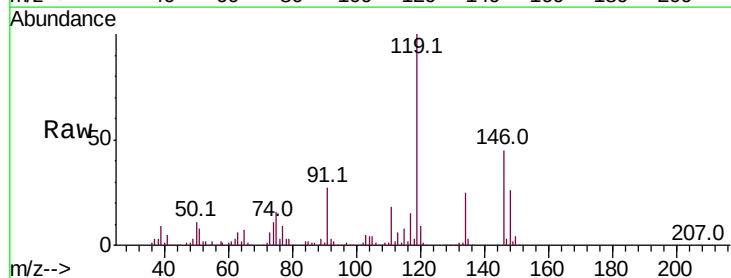
Tgt Ion:119 Resp: 208473

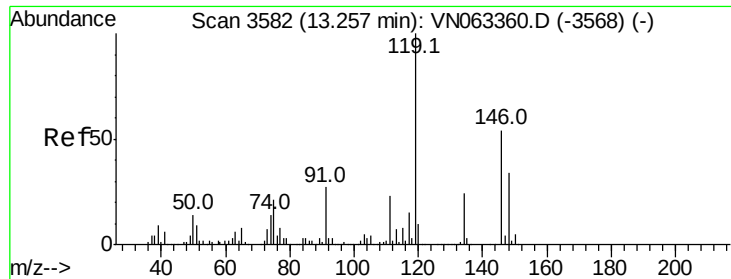
Ion Ratio Lower Upper

119 100

134 24.4 12.5 37.5

91 26.4 13.4 40.1





#87

1,3-Dichlorobenzene

Concen: 19.519 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. 0.00 min

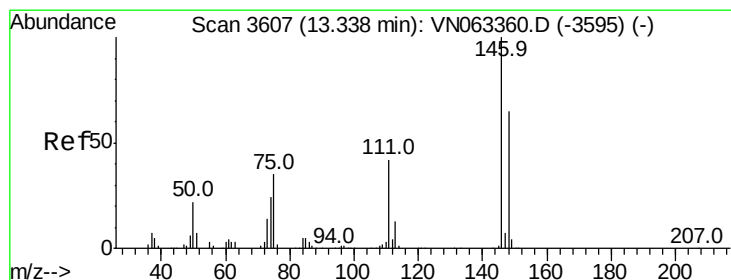
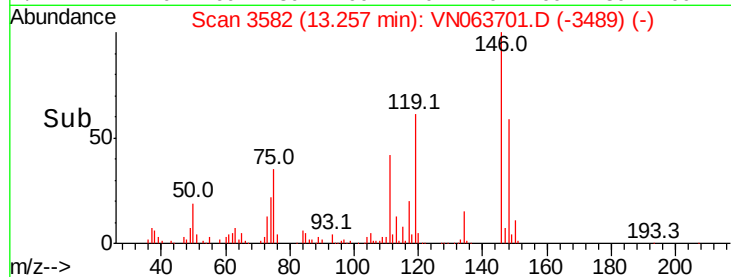
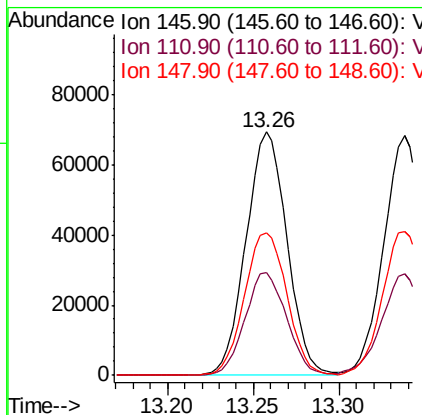
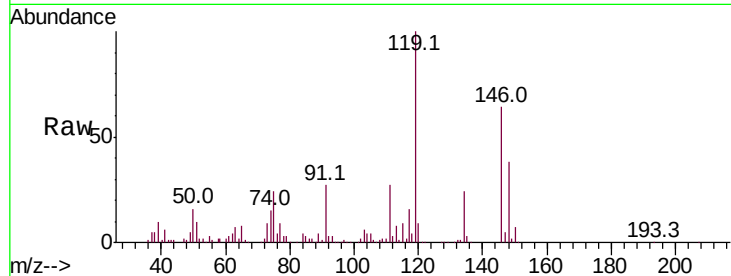
Lab File: VN063701.D

Acq: 28 Sep 2020 13:28

Instrument :
MSVOA_N
ClientSampleId :
VN0928WBS01

Tot Ion:146 Resp: 114713

Ion	Ratio	Lower	Upper
146	100		
111	42.8	21.4	64.3
148	60.7	31.9	95.7



#88

1,4-Dichlorobenzene

Concen: 18.921 ug/l

RT: 13.34 min Scan# 3607

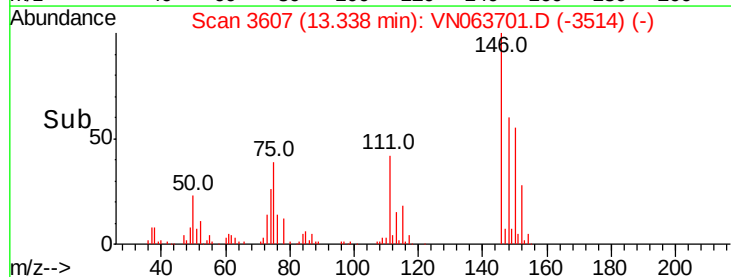
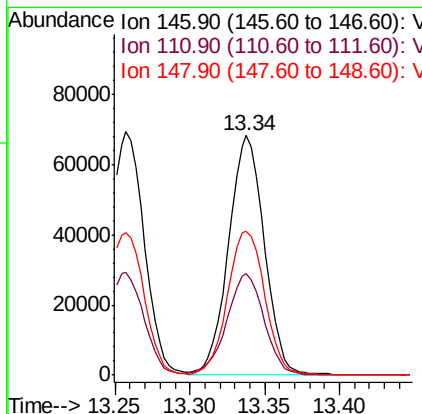
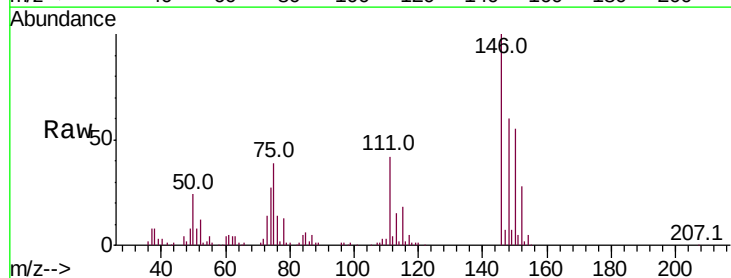
Delta R.T. 0.00 min

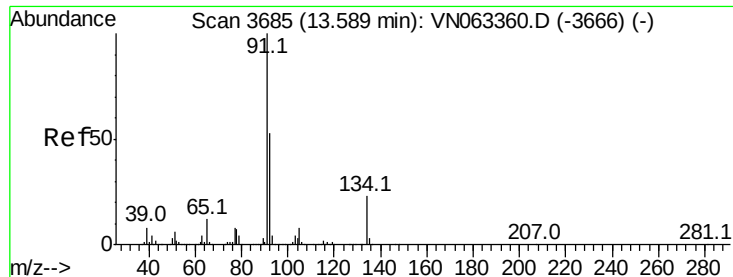
Lab File: VN063701.D

Acq: 28 Sep 2020 13:28

Tgt Ion:146 Resp: 113053

Ion	Ratio	Lower	Upper
146	100		
111	44.0	21.2	63.6
148	63.1	31.9	95.9





#89

n-Butylbenzene

Concen: 16.572 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. 0.00 min

Lab File: VN063701.D

Acq: 28 Sep 2020 13:28

Instrument :

MSVOA_N

ClientSampled :

VN0928WBS01

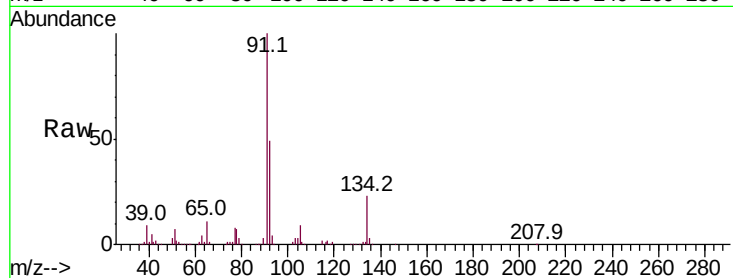
Tot Ion: 91 Resp: 174950

Ion Ratio Lower Upper

91 100

92 49.9 26.0 78.0

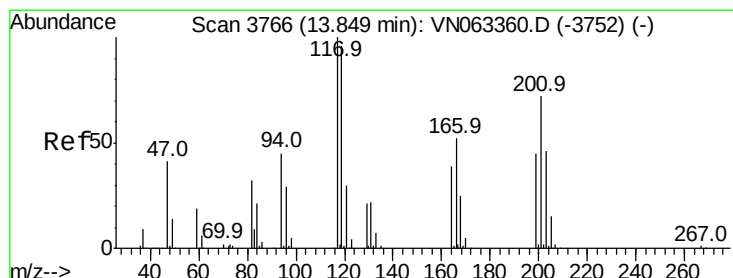
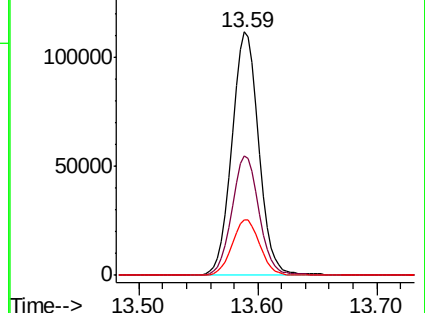
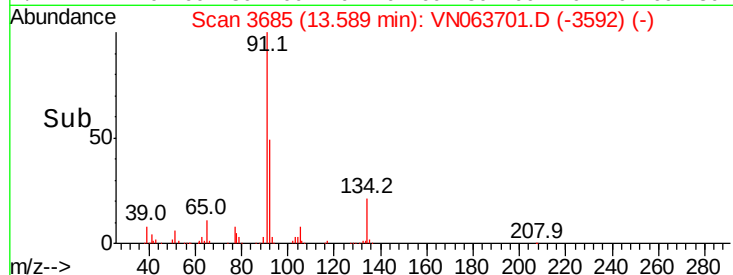
134 23.4 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VN063701.D (-3592) (-)

Ion 92.00 (91.70 to 92.70): VN063701.D (-3592) (-)

Ion 134.00 (133.70 to 134.70): VN063701.D (-3592) (-)



#90

Hexachloroethane

Concen: 17.434 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. 0.00 min

Lab File: VN063701.D

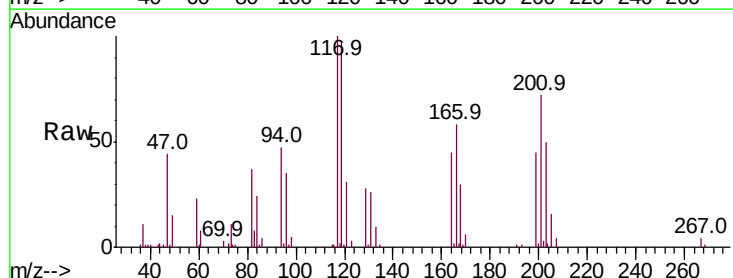
Acq: 28 Sep 2020 13:28

Tgt Ion: 117 Resp: 38021

Ion Ratio Lower Upper

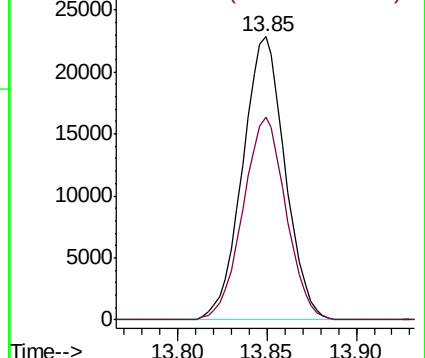
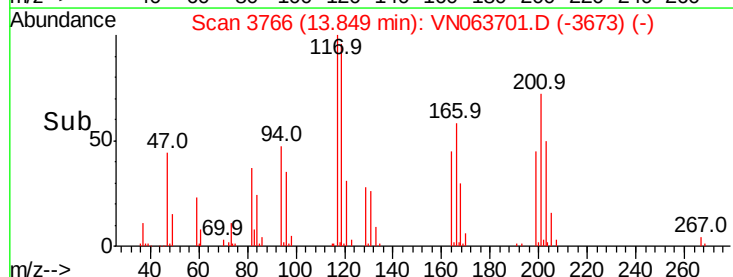
117 100

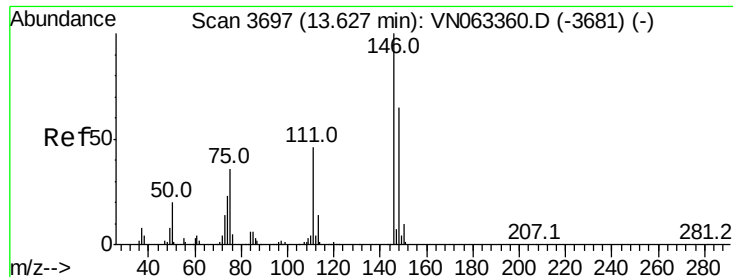
201 72.4 35.5 106.7



Abundance Ion 116.80 (116.50 to 117.50): VN063701.D (-3673) (-)

Ion 200.70 (200.40 to 201.40): VN063701.D (-3673) (-)

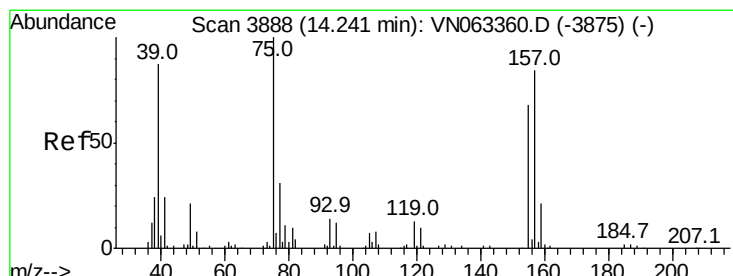
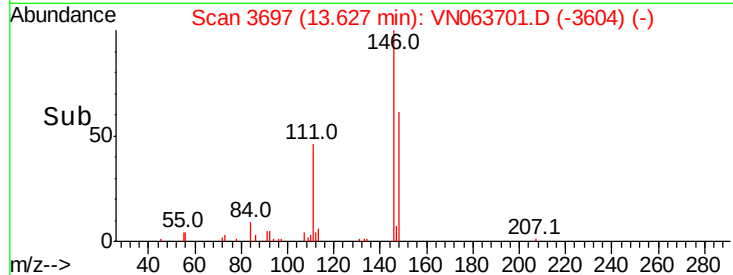
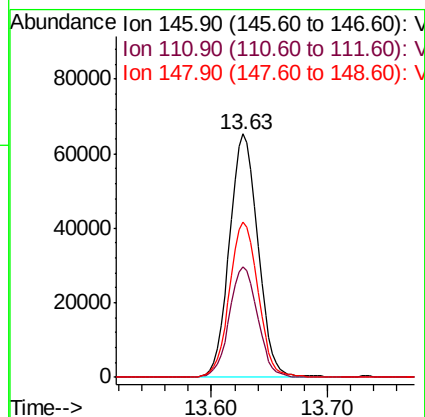
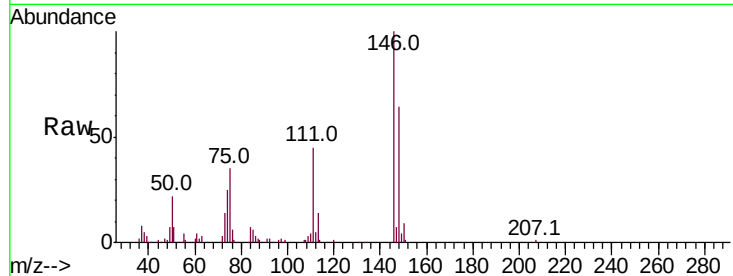




#91
 1,2-Dichlorobenzene
 Concen: 19.276 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN063701.D
 Acq: 28 Sep 2020 13:28

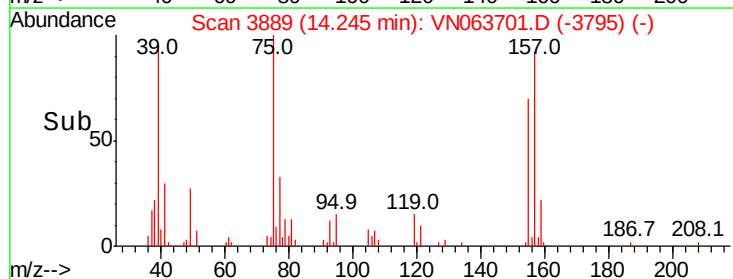
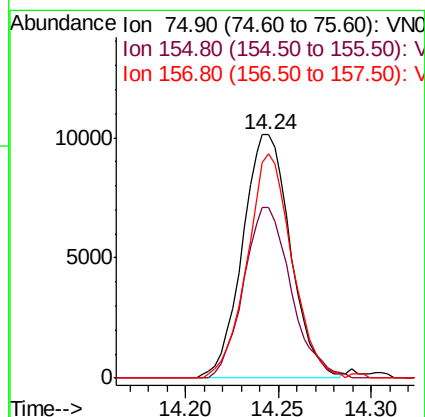
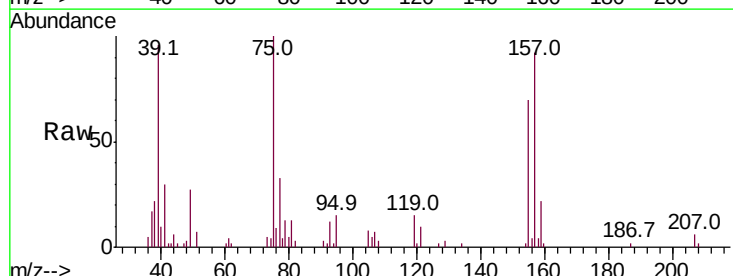
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0928WBS01

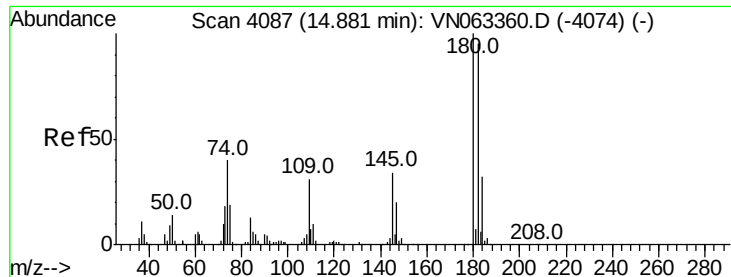
Tot Ion	Ratio	Lower	Upper
146	100		
111	44.9	22.4	67.2
148	64.2	32.0	96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.551 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN063701.D
 Acq: 28 Sep 2020 13:28

Tgt Ion	Ratio	Lower	Upper
75	100		
155	69.5	34.6	103.9
157	86.2	43.7	131.1

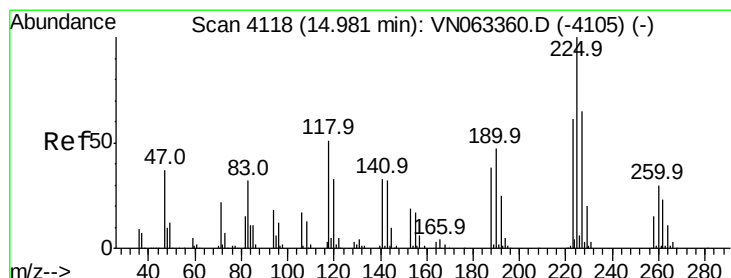
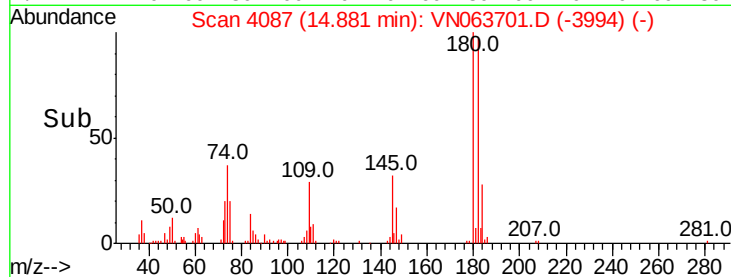
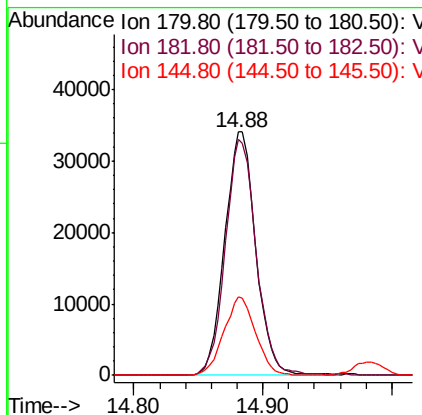
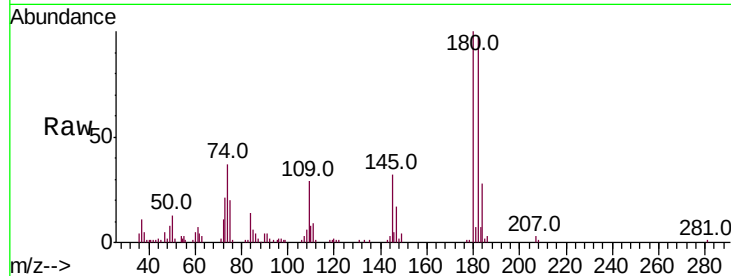




#93
 1,2,4-Trichlorobenzene
 Concen: 16.677 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN063701.D
 Acq: 28 Sep 2020 13:28

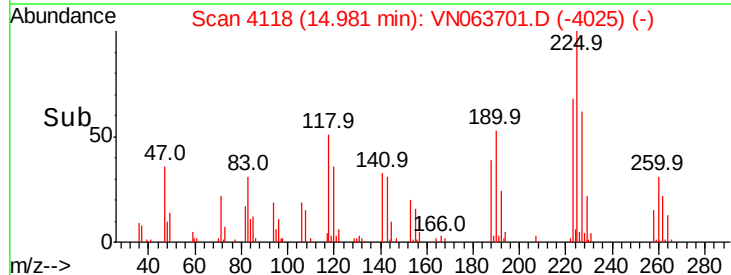
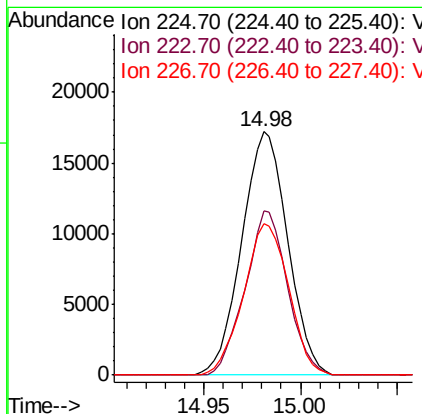
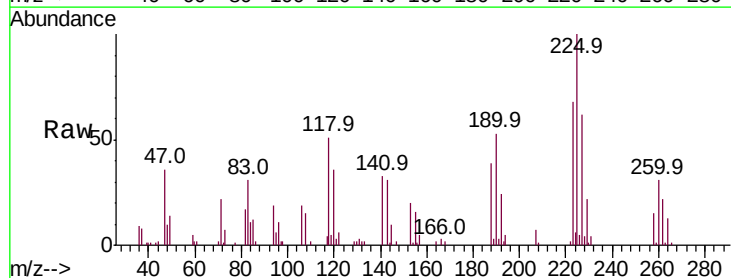
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0928WBS01

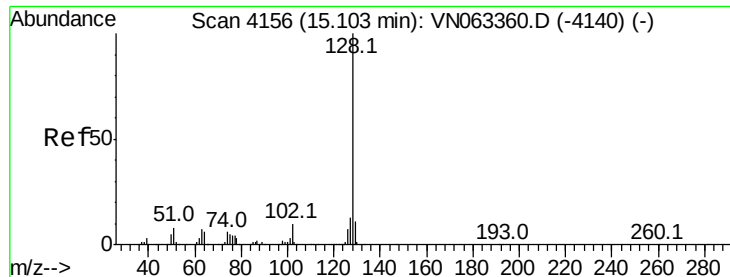
Tot Ion:180 Resp: 56728
 Ion Ratio Lower Upper
 180 100
 182 96.5 47.3 142.0
 145 32.9 16.6 49.7



#94
 Hexachlorobutadiene
 Concen: 20.208 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN063701.D
 Acq: 28 Sep 2020 13:28

Tgt Ion:225 Resp: 28457
 Ion Ratio Lower Upper
 225 100
 223 62.3 30.6 91.6
 227 61.2 31.2 93.6





#95

Naphthalene

Concen: 15.366 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN063701.D

Acq: 28 Sep 2020 13:28

Instrument :

MSVOA_N

ClientSampleId :

VN0928WBS01

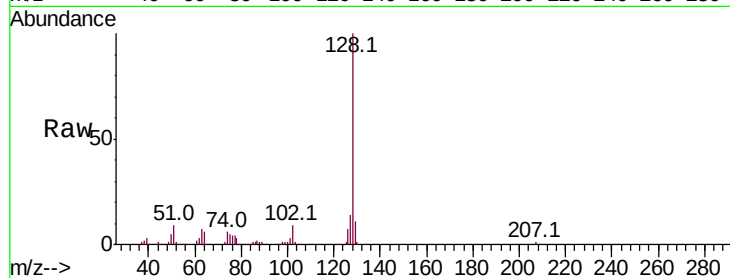
Tot Ion:128 Resp: 172685

Ion Ratio Lower Upper

128 100

127 13.5 10.6 15.8

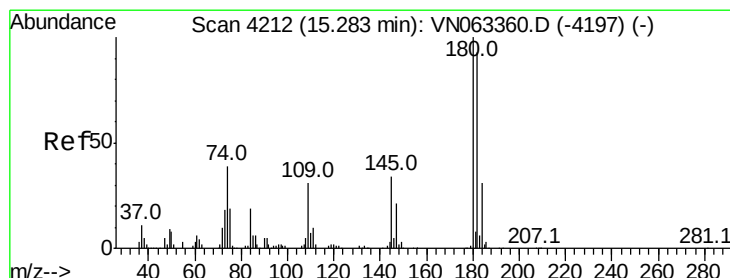
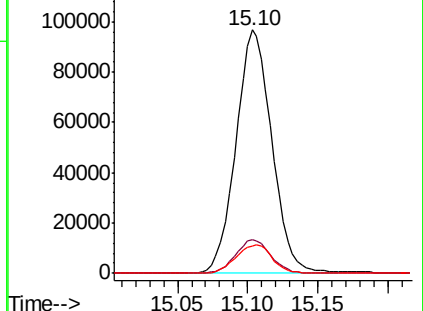
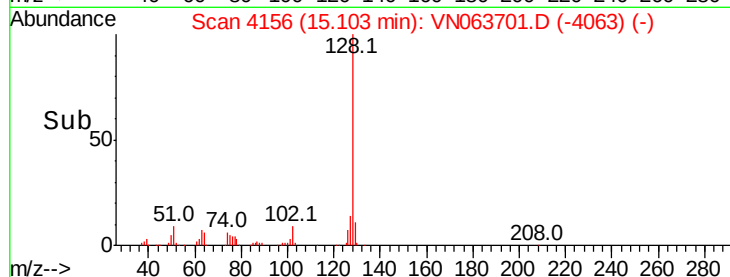
129 11.7 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 16.851 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN063701.D

Acq: 28 Sep 2020 13:28

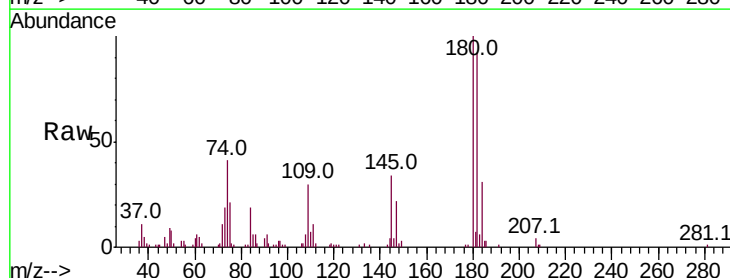
Tgt Ion:180 Resp: 55382

Ion Ratio Lower Upper

180 100

182 91.9 46.7 140.1

145 33.0 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

