

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092520\
 Data File : VN063673.D
 Acq On : 25 Sep 2020 12:58
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 28 02:01:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	303008	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	502742	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	473205	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	237329	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.98	65	240491	46.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.24%	
35) Dibromofluoromethane	7.54	113	167176	48.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.06%	
50) Toluene-d8	10.06	98	632233	48.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.62%	
62) 4-Bromofluorobenzene	12.37	95	247984	51.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.38%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	156204	45.503	ug/l	96
3) Chloromethane	2.04	50	185529	40.854	ug/l	100
4) Vinyl Chloride	2.16	62	186093	46.252	ug/l	97
5) Bromomethane	2.53	94	125455	52.516	ug/l	97
6) Chloroethane	2.67	64	114274	46.269	ug/l	98
7) Trichlorofluoromethane	2.99	101	303054	50.484	ug/l	100
8) Diethyl Ether	3.37	74	107607	45.984	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	168323	49.860	ug/l	99
10) Methyl Iodide	3.91	142	204711	46.576	ug/l	98
11) Tert butyl alcohol	4.72	59	136146	190.530	ug/l	100
12) 1,1-Dichloroethene	3.69	96	154996	45.328	ug/l	94
13) Acrolein	3.57	56	20834	78.676	ug/l	99
14) Allyl chloride	4.27	41	302043	44.656	ug/l	97
15) Acrylonitrile	4.92	53	405802	223.260	ug/l	99
16) Acetone	3.77	43	384659	232.045	ug/l	99
17) Carbon Disulfide	4.01	76	425531	42.783	ug/l	99
18) Methyl Acetate	4.27	43	199292	47.357	ug/l	99
19) Methyl tert-butyl Ether	4.98	73	580325	45.536	ug/l	100
20) Methylene Chloride	4.50	84	186085	44.306	ug/l	97
21) trans-1,2-Dichloroethene	4.98	96	175300	46.272	ug/l	96
22) Diisopropyl ether	5.89	45	631863	45.806	ug/l	98
23) Vinyl Acetate	5.84	43	2643205	233.316	ug/l	100
24) 1,1-Dichloroethane	5.79	63	352508	46.807	ug/l	99
25) 2-Butanone	6.78	43	573912	225.108	ug/l	100
26) 2,2-Dichloropropane	6.77	77	318266	47.999	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	202922	47.323	ug/l	97
28) Bromochloromethane	7.14	49	158904	45.697	ug/l	98
29) Tetrahydrofuran	7.16	42	370232	212.624	ug/l	100
30) Chloroform	7.32	83	375097	49.643	ug/l	97
31) Cyclohexane	7.61	56	292980	41.127	ug/l	98
32) 1,1,1-Trichloroethane	7.52	97	328250	48.844	ug/l	99
36) 1,1-Dichloropropene	7.75	75	269177	50.257	ug/l	100
37) Ethyl Acetate	6.87	43	245780	46.756	ug/l	98
38) Carbon Tetrachloride	7.73	117	284747	52.081	ug/l	96

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	276768	47.612	ug/l	98
40) Benzene	8.00	78	761547	49.809	ug/l	97
41) Methacrylonitrile	7.12	41	100677	42.583	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	323198	52.564	ug/l	98
43) Isopropyl Acetate	8.12	43	441113	46.929	ug/l #	89
44) Trichloroethene	8.80	130	194077	52.335	ug/l	97
45) 1,2-Dichloropropane	9.08	63	206842	49.672	ug/l	99
46) Dibromomethane	9.17	93	140409	51.301	ug/l	100
47) Bromodichloromethane	9.37	83	299860	52.737	ug/l	100
48) Methyl methacrylate	9.16	41	223207	48.334	ug/l	99
49) 1,4-Dioxane	9.16	88	57441	866.751	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	1281272	243.487	ug/l	99
52) Toluene	10.12	92	484654	52.723	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	330626	52.086	ug/l	99
54) cis-1,3-Dichloropropene	9.80	75	344877	51.509	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	190406	52.147	ug/l	95
56) Ethyl methacrylate	10.40	69	286291	50.225	ug/l	98
57) 1,3-Dichloropropane	10.68	76	333661	50.674	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	559180	187.006	ug/l	98
59) 2-Hexanone	10.72	43	952653	249.890	ug/l	100
60) Dibromochloromethane	10.87	129	219458	53.202	ug/l	100
61) 1,2-Dibromoethane	10.97	107	199923	52.702	ug/l	99
64) Tetrachloroethene	10.60	164	177638	55.130	ug/l	98
65) Chlorobenzene	11.40	112	512386	51.010	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	195669	53.141	ug/l	99
67) Ethyl Benzene	11.48	91	968096	51.178	ug/l	98
68) m/p-Xylenes	11.59	106	715196	104.863	ug/l	99
69) o-Xylene	11.92	106	339622	52.273	ug/l	99
70) Styrene	11.94	104	596615	54.758	ug/l	99
71) Bromoform	12.10	173	146014	53.231	ug/l #	99
73) Isopropylbenzene	12.22	105	935311	49.180	ug/l	100
74) N-amyl acetate	12.04	43	414654	46.059	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	272077	46.204	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	378865	64.496	ug/l #	100
77) Bromobenzene	12.50	156	220212	51.475	ug/l	95
78) n-propylbenzene	12.57	91	1108334	50.036	ug/l	100
79) 2-Chlorotoluene	12.65	91	663391	49.960	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	803634	50.675	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	95618	44.627	ug/l	96
82) 4-Chlorotoluene	12.75	91	714228	50.909	ug/l	99
83) tert-Butylbenzene	12.97	119	644800	49.263	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	812372	50.714	ug/l	99
85) sec-Butylbenzene	13.14	105	872365	49.792	ug/l	100
86) p-Isopropyltoluene	13.26	119	782827	50.658	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	405220	51.105	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	411911	51.096	ug/l	100
89) n-Butylbenzene	13.59	91	729757	51.233	ug/l	98
90) Hexachloroethane	13.85	117	139557	47.428	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	394714	50.704	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	59864	42.692	ug/l	97

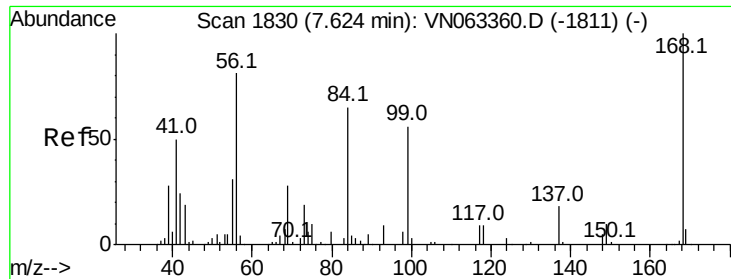
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Quant Title : SW846 8260
QLast Update : Wed Sep 16 13:05:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	224604	48.940	ug/l	99
94) Hexachlorobutadiene	14.98	225	106906	56.268	ug/l	96
95) Naphthalene	15.10	128	682670	45.024	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	209816	47.316	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1829

Delta R.T. -0.00 min

Lab File: VN063673.D

Acq: 25 Sep 2020 12:58

Instrument :

MSVOA_N

ClientSampleId :

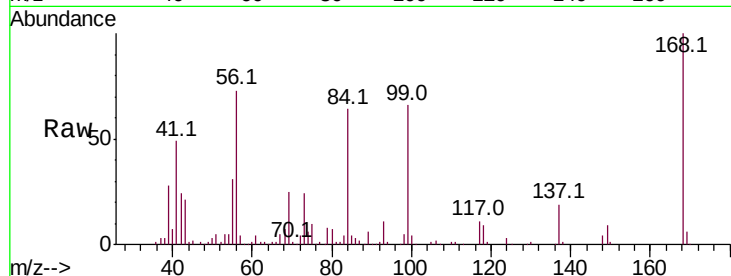
VSTDCCC050

Tot Ion:168 Resp: 303008

Ion Ratio Lower Upper

168 100

99 65.5 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

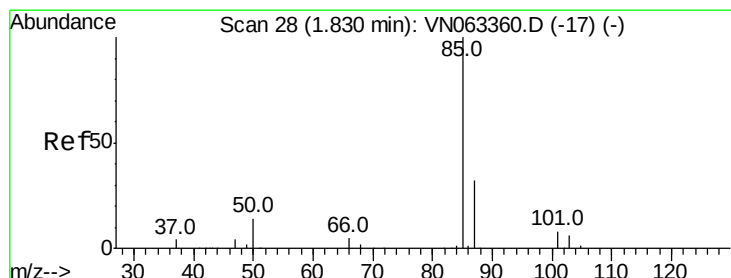
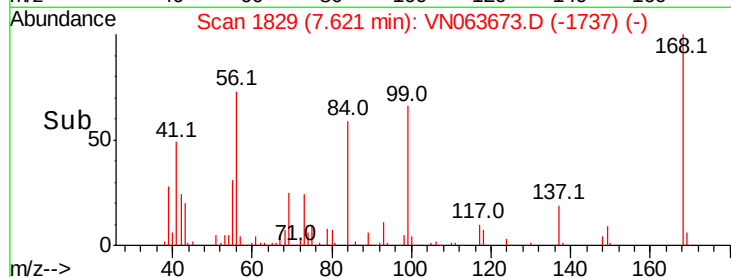
7.62

100000

50000

0

Time--> 7.50 7.55 7.60 7.65 7.70



#2

Dichlorodifluoromethane

Concen: 45.503 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063673.D

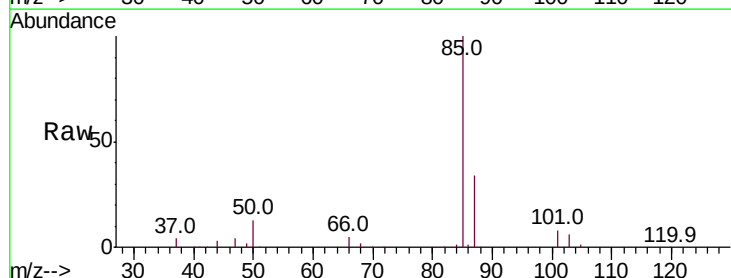
Acq: 25 Sep 2020 12:58

Tgt Ion: 85 Resp: 156204

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

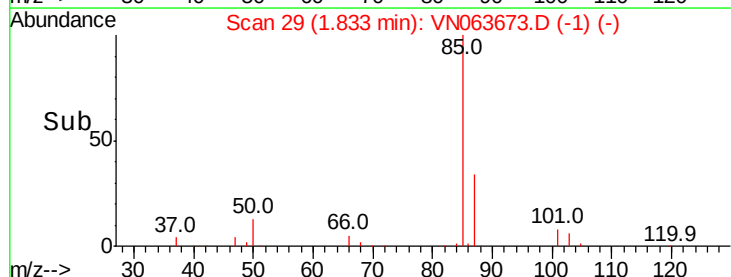
1.83

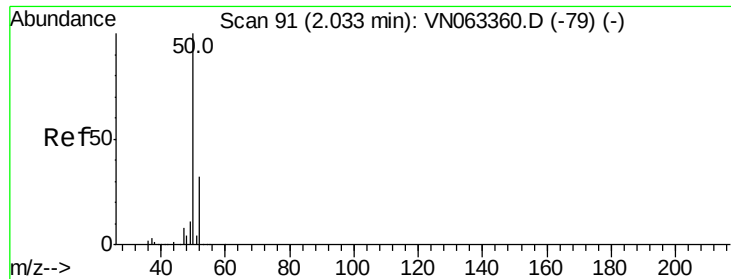
100000

50000

0

Time--> 1.75 1.80 1.85 1.90





#3

Chloromethane

Concen: 40.854 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.01 min

Lab File: VN063673.D

Acq: 25 Sep 2020 12:58

Instrument :

MSVOA_N

ClientSampleId :

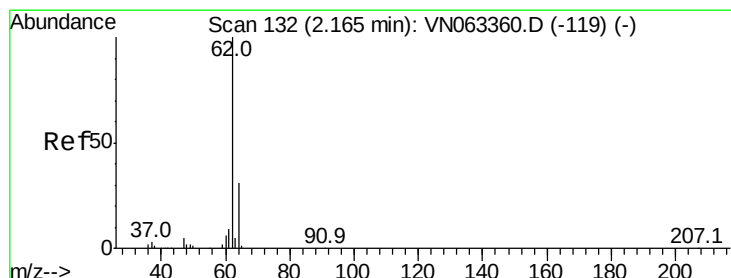
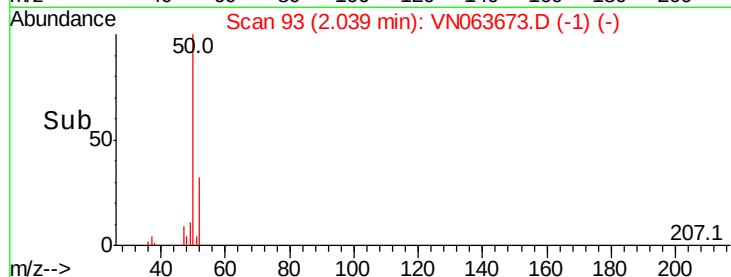
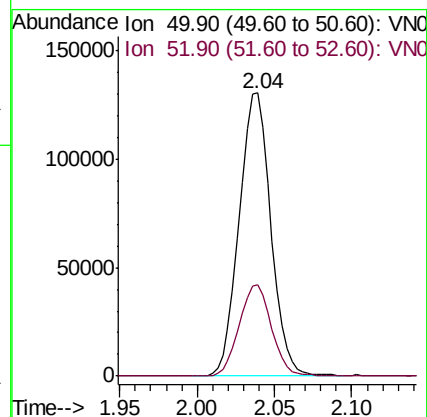
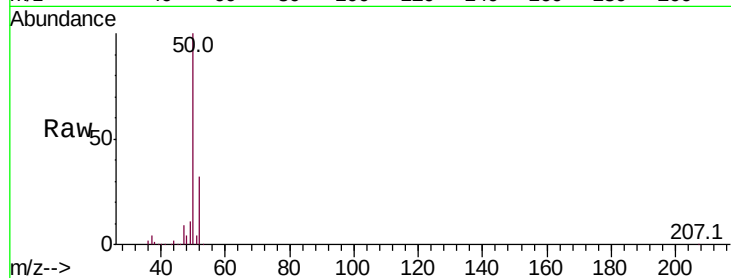
VSTDCCC050

Tot Ion: 50 Resp: 185529

Ion Ratio Lower Upper

50 100

52 32.3 25.9 38.9



#4

Vinyl Chloride

Concen: 46.252 ug/l

RT: 2.16 min Scan# 132

Delta R.T. -0.00 min

Lab File: VN063673.D

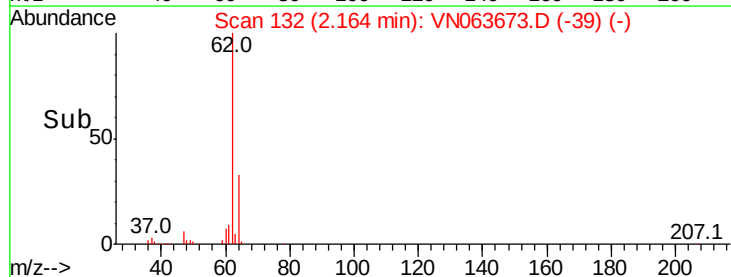
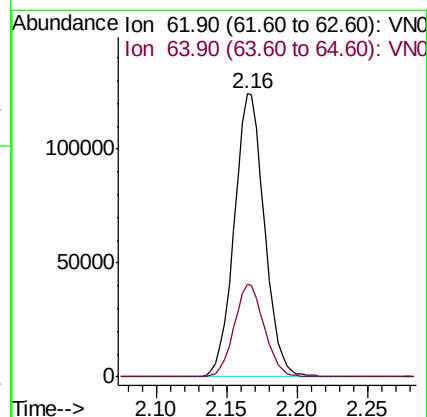
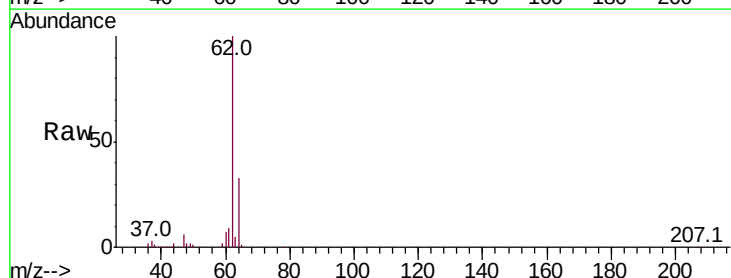
Acq: 25 Sep 2020 12:58

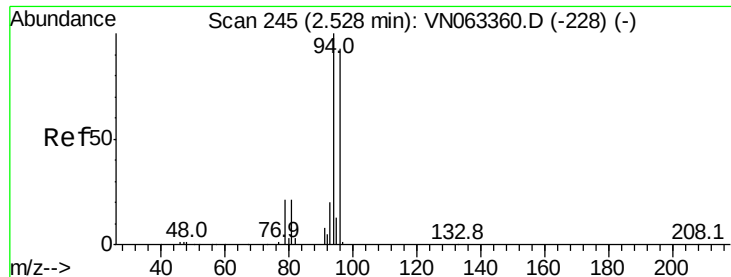
Tgt Ion: 62 Resp: 186093

Ion Ratio Lower Upper

62 100

64 32.9 25.1 37.7





#5

Bromomethane

Concen: 52.516 ug/l

RT: 2.53 min Scan# 247

Delta R.T. 0.01 min

Lab File: VN063673.D

Acq: 25 Sep 2020 12:58

Instrument :

MSVOA_N

ClientSampleId :

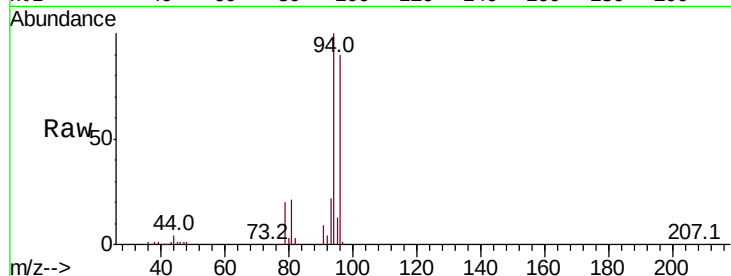
VSTDCCC050

Tot Ion: 94 Resp: 125455

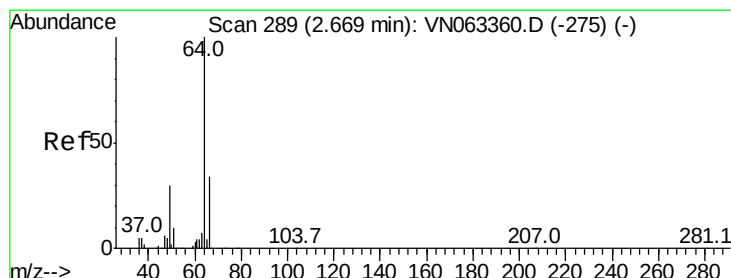
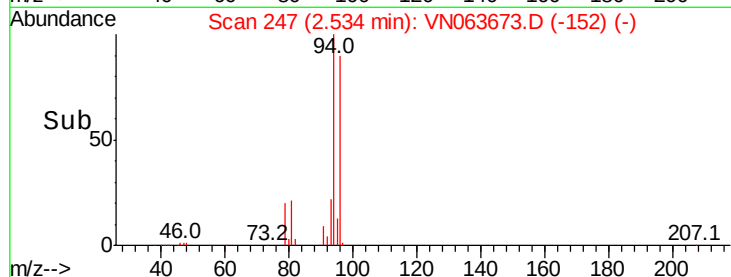
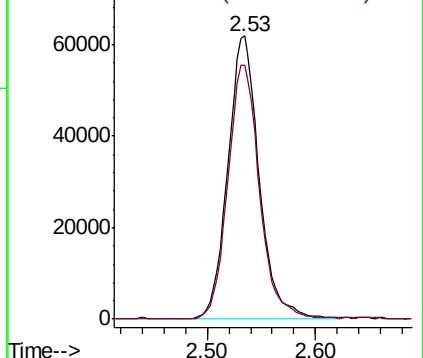
Ion Ratio Lower Upper

94 100

96 89.8 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VNO
Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 46.269 ug/l

RT: 2.67 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN063673.D

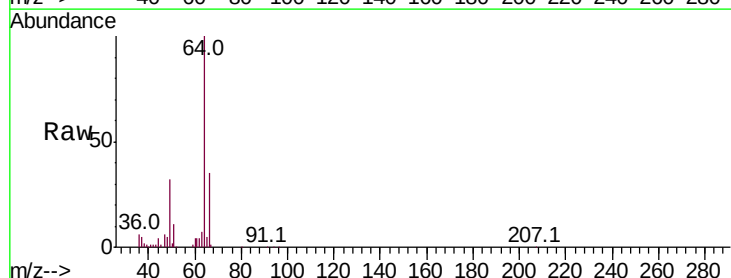
Acq: 25 Sep 2020 12:58

Tgt Ion: 64 Resp: 114274

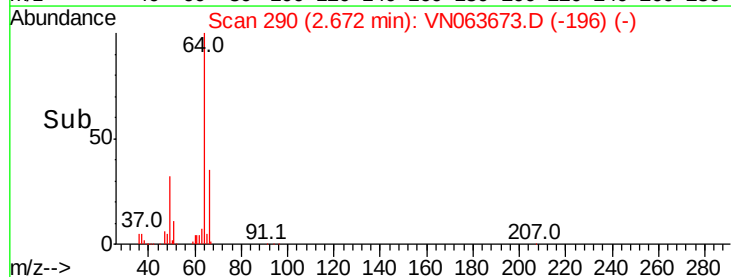
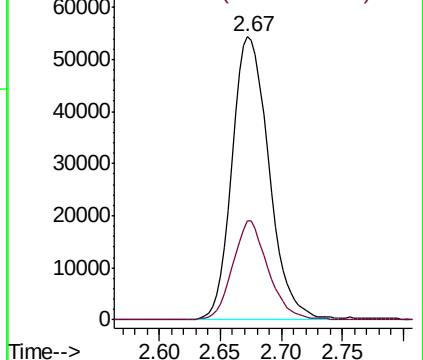
Ion Ratio Lower Upper

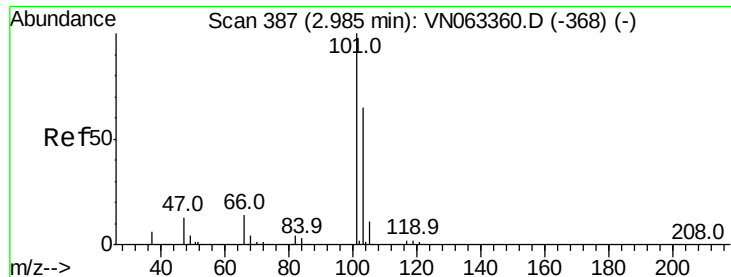
64 100

66 34.9 26.9 40.3



Abundance Ion 63.90 (63.60 to 64.60): VNO
Ion 65.90 (65.60 to 66.60): VNO



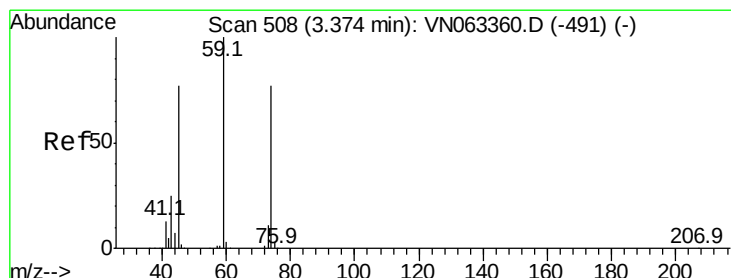
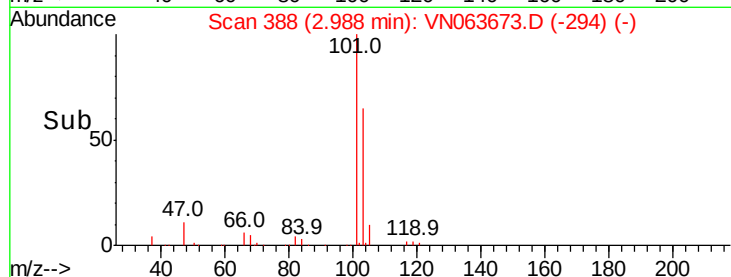
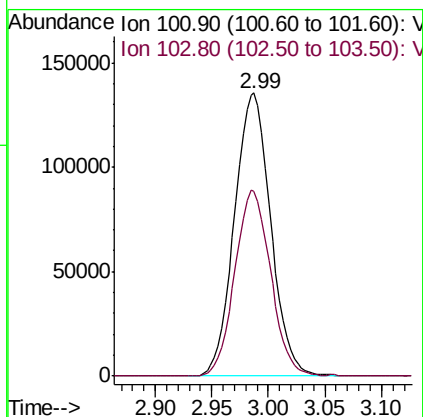
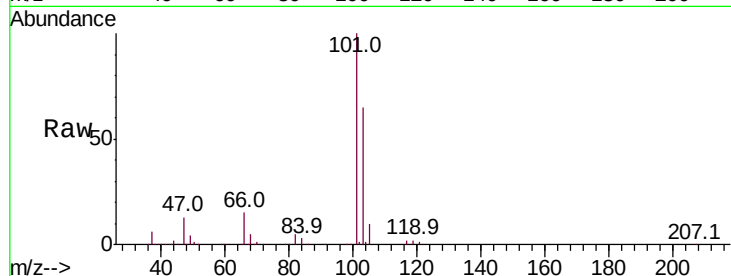


#7

Trichlorofluoromethane
 Concen: 50.484 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VN063673.D
 Acq: 25 Sep 2020 12:58

Instrument :
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 ClientSampleId :
 VSTDCCC050

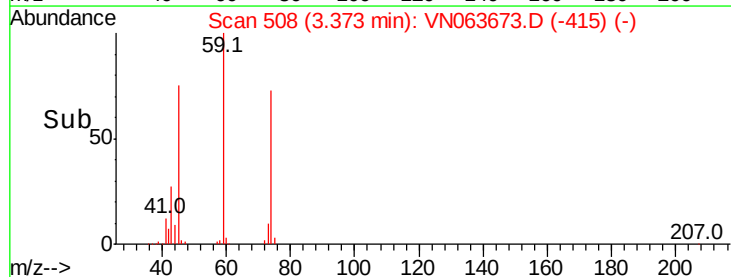
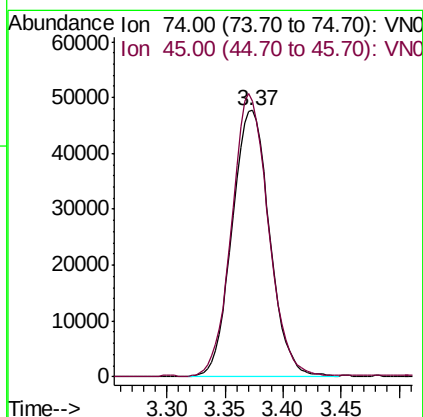
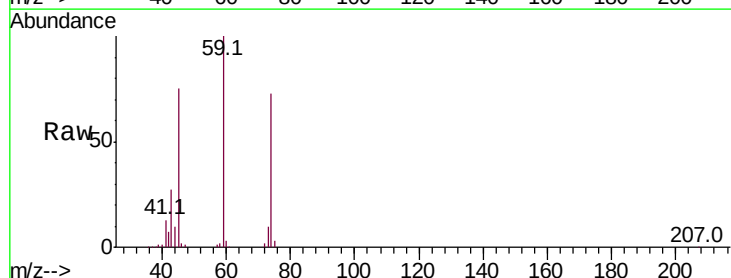
Tot Ion:101 Resp: 303054
 Ion Ratio Lower Upper
 101 100
 103 65.4 52.3 78.5

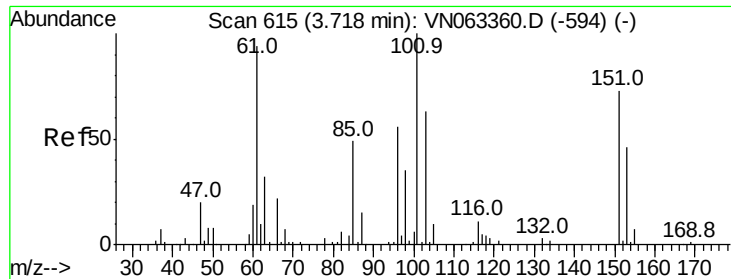


#8

Diethyl Ether
 Concen: 45.984 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN063673.D
 Acq: 25 Sep 2020 12:58

Tgt Ion: 74 Resp: 107607
 Ion Ratio Lower Upper
 74 100
 45 103.8 52.1 156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.860 ug/l

RT: 3.72 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN063673.D

Acq: 25 Sep 2020 12:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

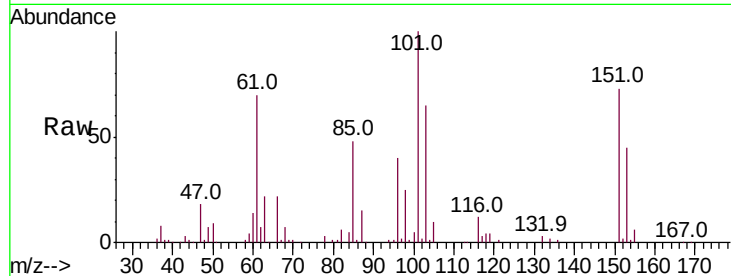
Tot Ion:101 Resp: 168323

Ion Ratio Lower Upper

101 100

85 47.4 37.7 56.5

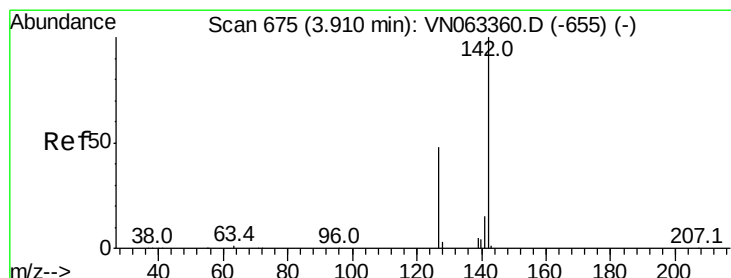
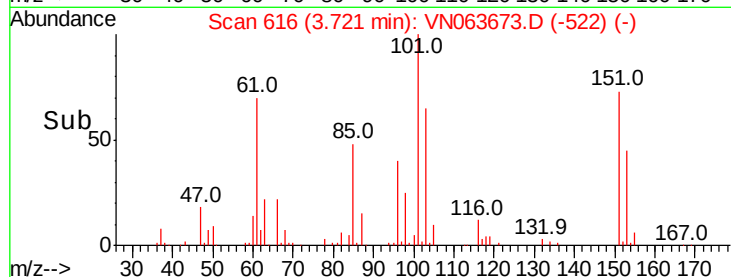
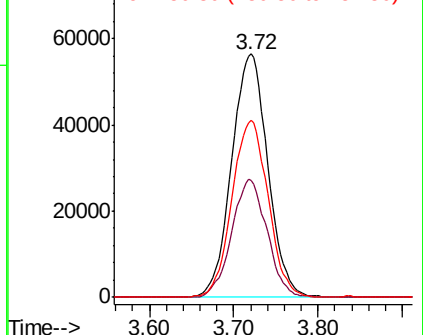
151 72.7 57.7 86.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 46.576 ug/l

RT: 3.91 min Scan# 675

Delta R.T. -0.00 min

Lab File: VN063673.D

Acq: 25 Sep 2020 12:58

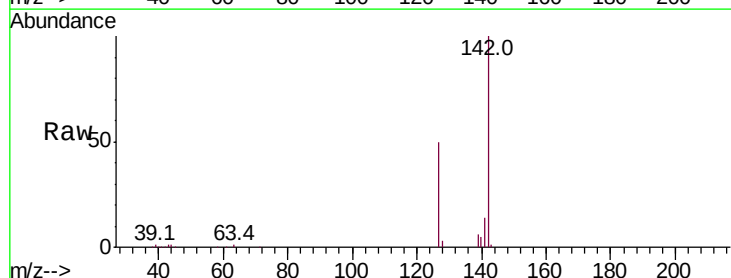
Tgt Ion:142 Resp: 204711

Ion Ratio Lower Upper

142 100

127 50.7 39.0 58.6

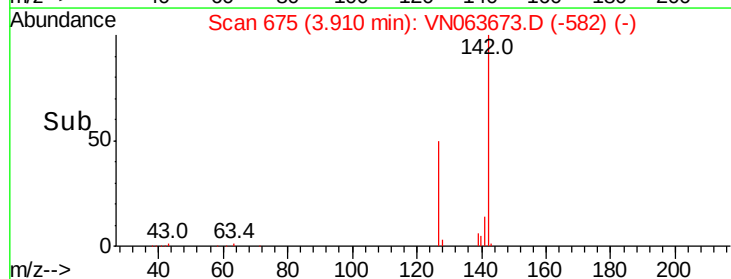
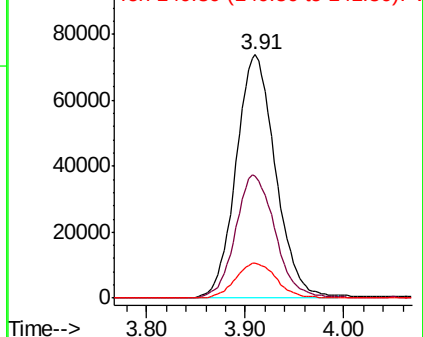
141 14.9 11.6 17.4

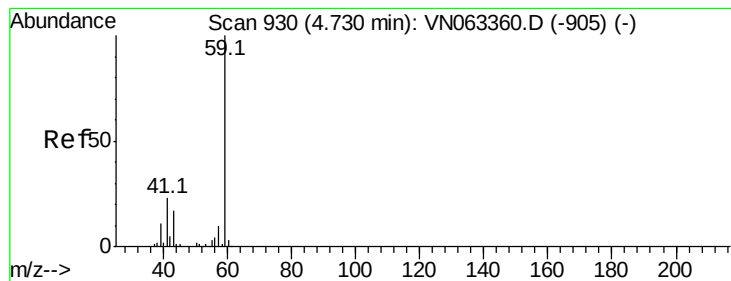


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 190.530 ug/l

RT: 4.72 min Scan# 927

Delta R.T. -0.01 min

Lab File: VN063673.D

Acq: 25 Sep 2020 12:58

Instrument :

MSVOA_N

ClientSampleId :

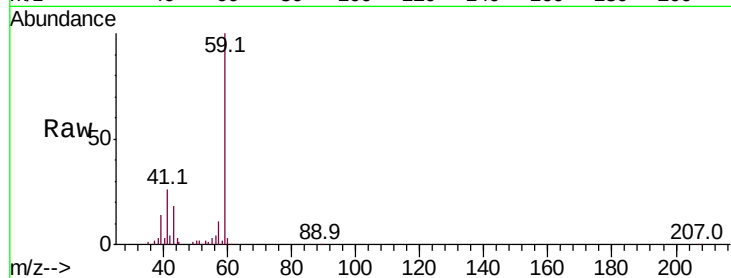
VSTDCCC050

Tot Ion: 59 Resp: 136146

Ion Ratio Lower Upper

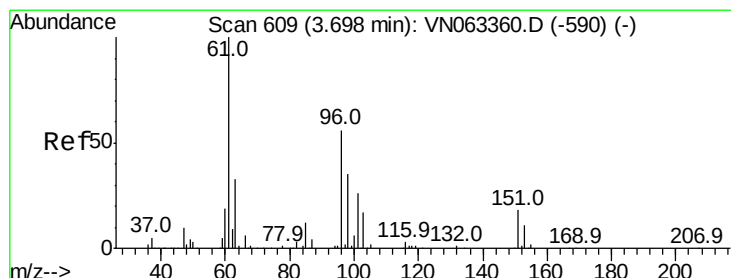
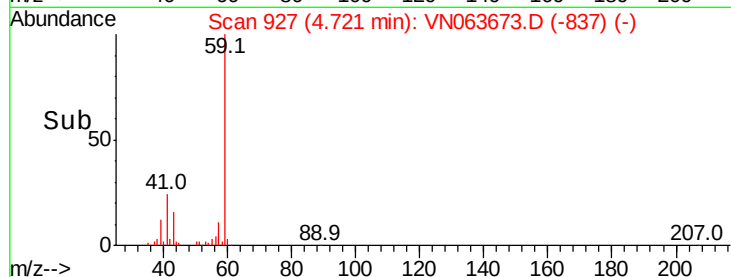
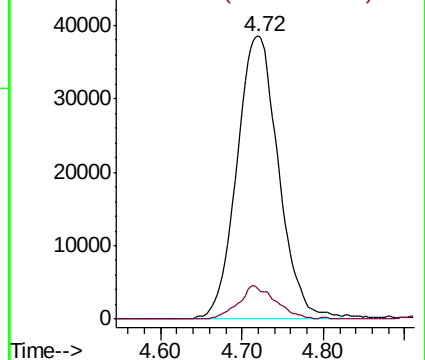
59 100

57 10.6 8.4 12.6



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#12

1,1-Dichloroethene

Concen: 45.328 ug/l

RT: 3.69 min Scan# 608

Delta R.T. -0.00 min

Lab File: VN063673.D

Acq: 25 Sep 2020 12:58

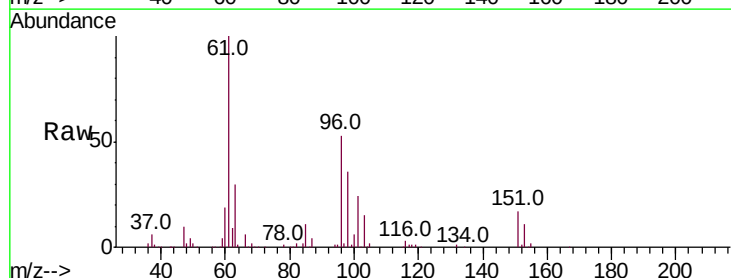
Tgt Ion: 96 Resp: 154996

Ion Ratio Lower Upper

96 100

61 188.4 143.4 215.2

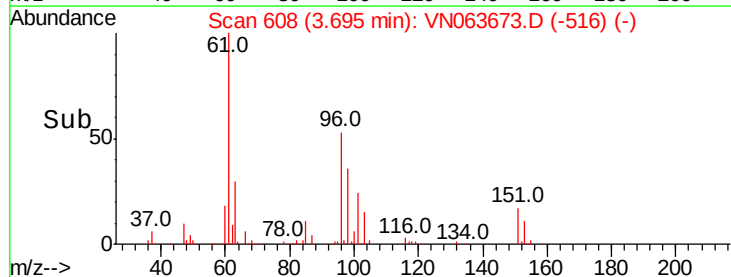
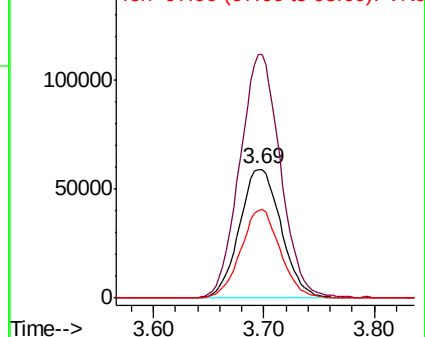
98 67.8 50.6 76.0

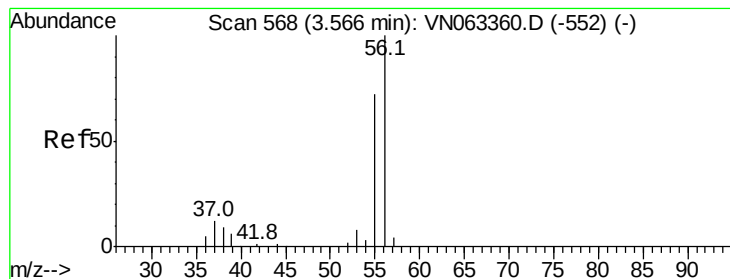


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#13

Acrolein

Concen: 78.676 ug/l

RT: 3.57 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN063673.D

Acq: 25 Sep 2020 12:58

Instrument :

MSVOA_N

ClientSampleId :

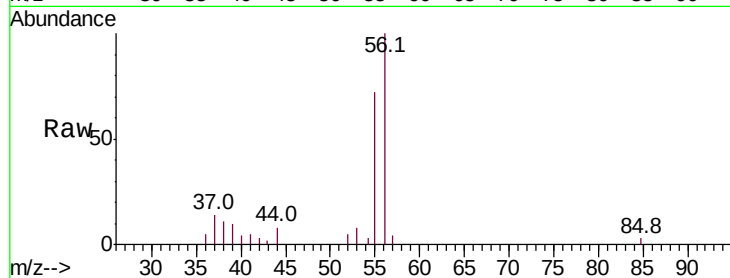
VSTDCCC050

Tot Ion: 56 Resp: 20834

Ion Ratio Lower Upper

56 100

55 73.9 58.2 87.2



Abundance Ion 56.00 (55.70 to 56.70): VN063360.D (-552) (-)

Ion 55.00 (54.70 to 55.70): VN063360.D (-552) (-)

3.57

8000

6000

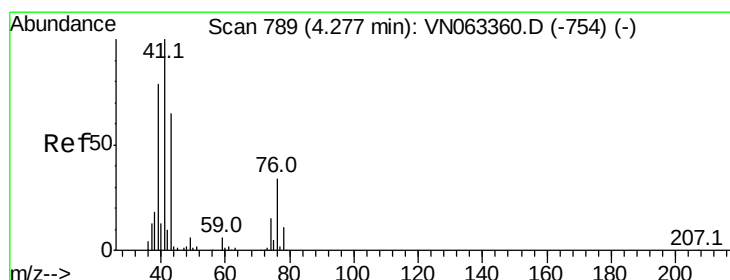
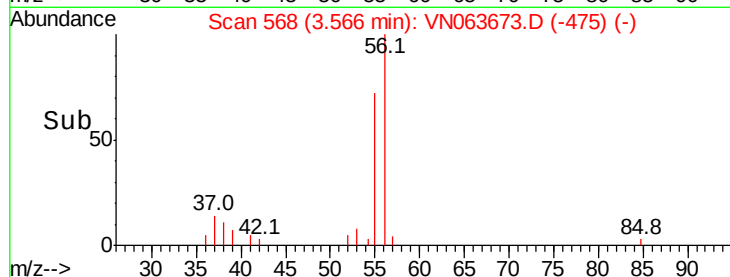
4000

2000

0

Time-->

3.50 3.60 3.70



#14

Allyl chloride

Concen: 44.656 ug/l

RT: 4.27 min Scan# 788

Delta R.T. -0.00 min

Lab File: VN063673.D

Acq: 25 Sep 2020 12:58

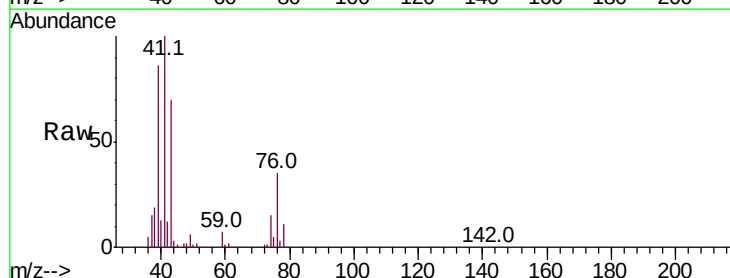
Tgt Ion: 41 Resp: 302043

Ion Ratio Lower Upper

41 100

39 77.2 59.3 88.9

76 31.8 25.3 37.9



Abundance Ion 41.00 (40.70 to 41.70): VN063360.D (-754) (-)

Ion 39.00 (38.70 to 39.70): VN063360.D (-754) (-)

Ion 75.90 (75.60 to 76.60): VN063360.D (-754) (-)

4.27

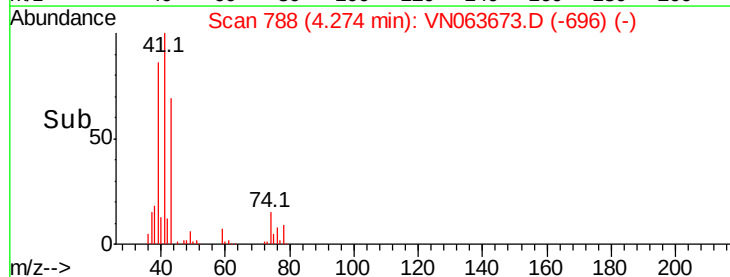
100000

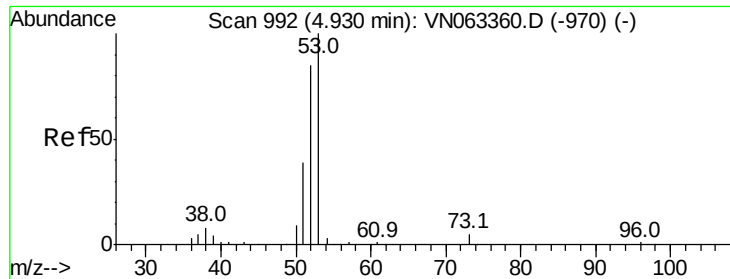
50000

0

Time-->

4.10 4.20 4.30 4.40





#15

Acrylonitrile

Concen: 223.260 ug/l

RT: 4.92 min Scan# 989

Delta R.T. -0.01 min

Lab File: VN063673.D

Acq: 25 Sep 2020 12:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

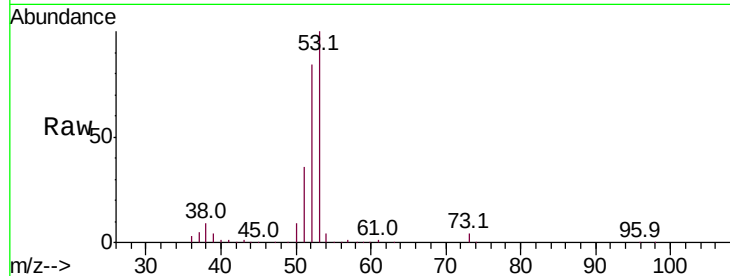
Tot Ion: 53 Resp: 405802

Ion Ratio Lower Upper

53 100

52 84.3 66.4 99.6

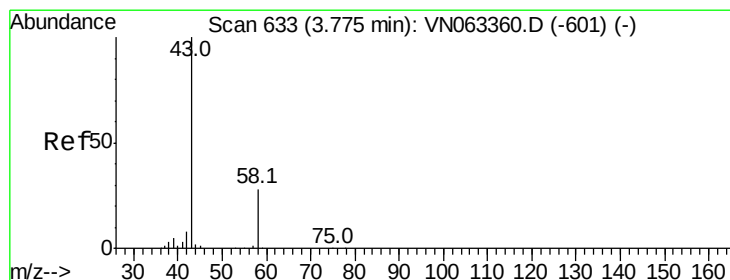
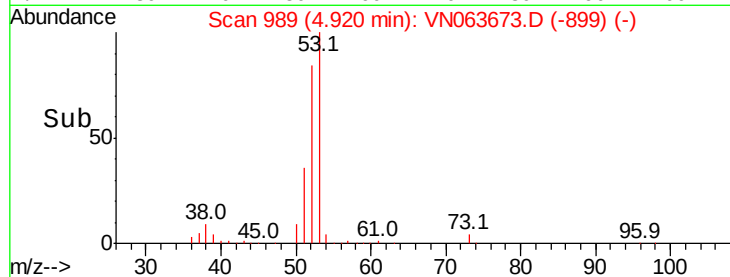
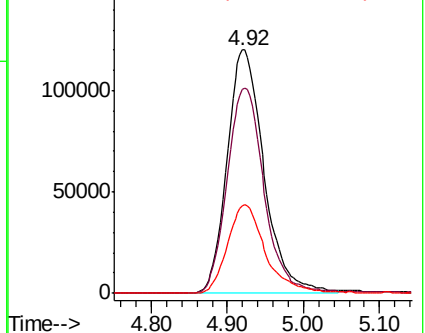
51 37.4 30.2 45.4



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: 232.045 ug/l

RT: 3.77 min Scan# 631

Delta R.T. -0.01 min

Lab File: VN063673.D

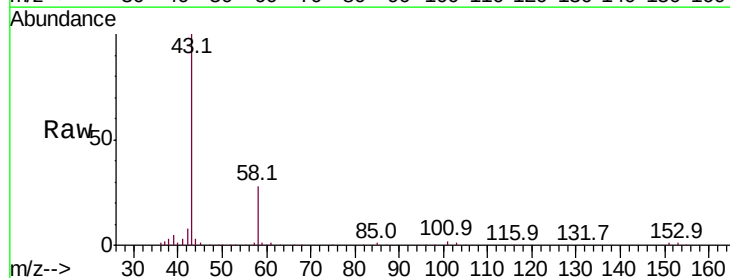
Acq: 25 Sep 2020 12:58

Tgt Ion: 43 Resp: 384659

Ion Ratio Lower Upper

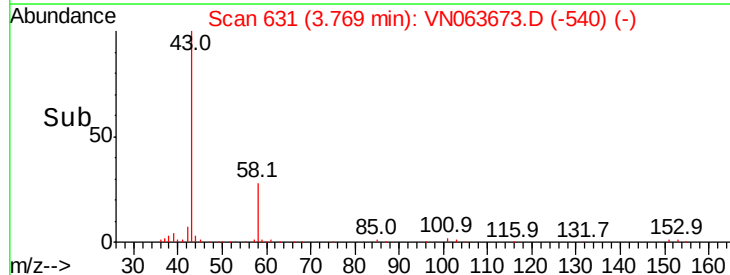
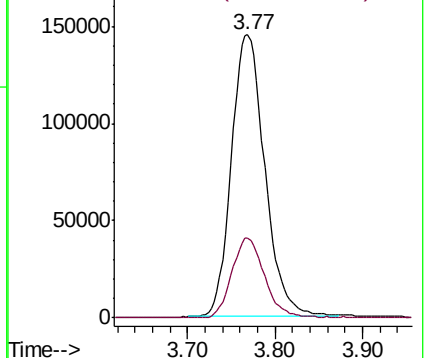
43 100

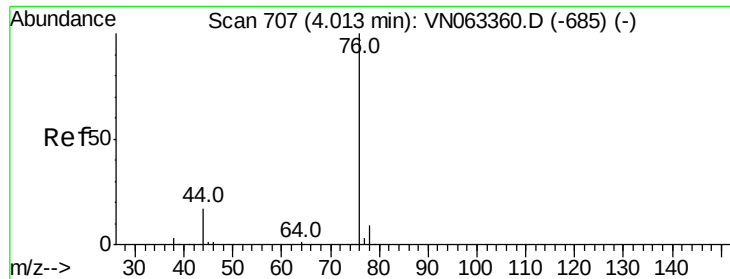
58 28.2 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 42.783 ug/l

RT: 4.01 min Scan# 706

Delta R.T. -0.00 min

Lab File: VN063673.D

Acq: 25 Sep 2020 12:58

Instrument :

MSVOA_N

ClientSampleId :

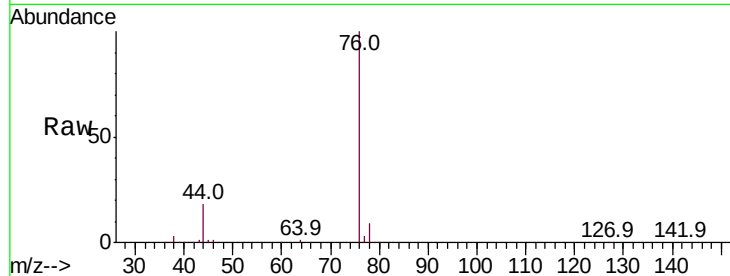
VSTDCCC050

Tot Ion: 76 Resp: 425531

Ion Ratio Lower Upper

76 100

78 9.3 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VNO

Ion 77.90 (77.60 to 78.60): VNO

4.01

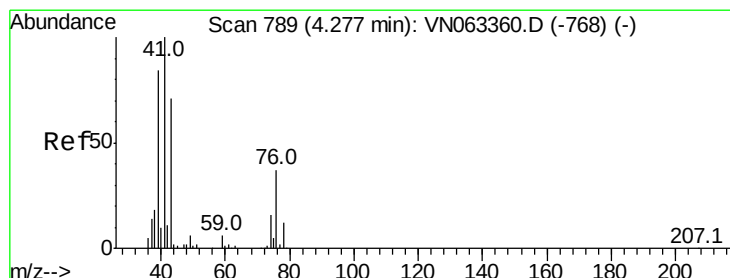
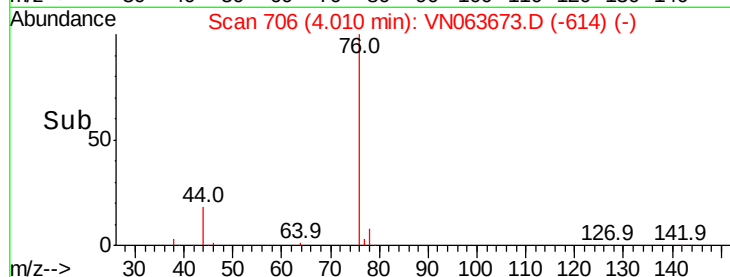
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 47.357 ug/l

RT: 4.27 min Scan# 787

Delta R.T. -0.01 min

Lab File: VN063673.D

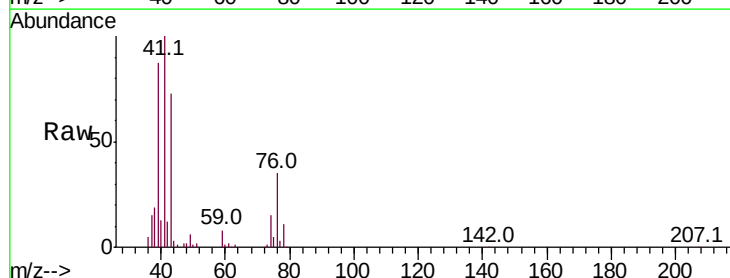
Acq: 25 Sep 2020 12:58

Tgt Ion: 43 Resp: 199292

Ion Ratio Lower Upper

43 100

74 22.1 17.4 26.2



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 74.00 (73.70 to 74.70): VNO

4.27

80000

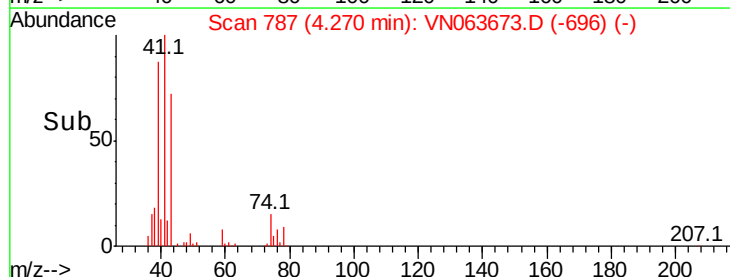
60000

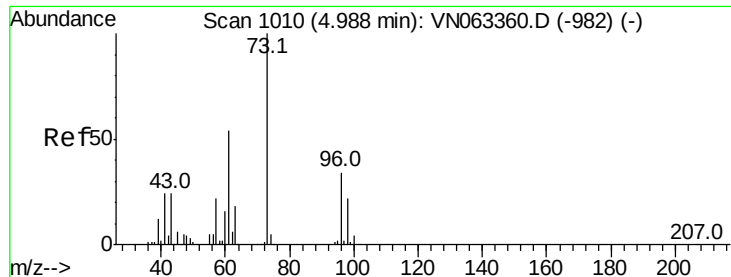
40000

20000

0

Time-->





#19

Methyl tert-butyl Ether

Concen: 45.536 ug/l

RT: 4.98 min Scan# 1009

Delta R.T. -0.00 min

Lab File: VN063673.D

Acq: 25 Sep 2020 12:58

Instrument :

MSVOA_N

ClientSampleId :

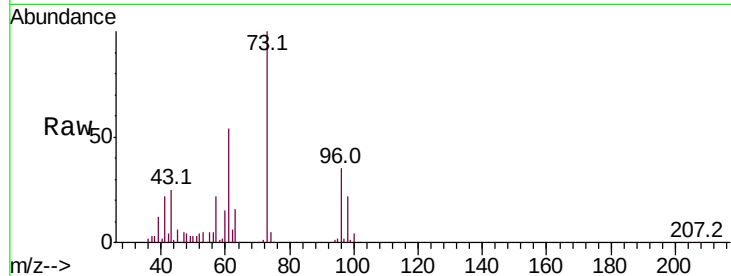
VSTDCCC050

Tot Ion: 73 Resp: 580325

Ion Ratio Lower Upper

73 100

57 22.2 17.9 26.9



Abundance Ion 73.00 (72.70 to 73.70): VN063360.D (-982) (-)

Ion 57.00 (56.70 to 57.70): VN063360.D (-982) (-)

4.98

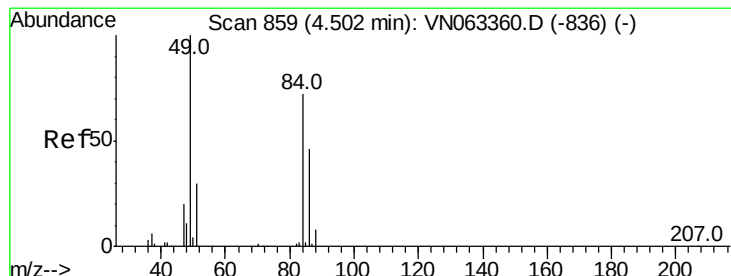
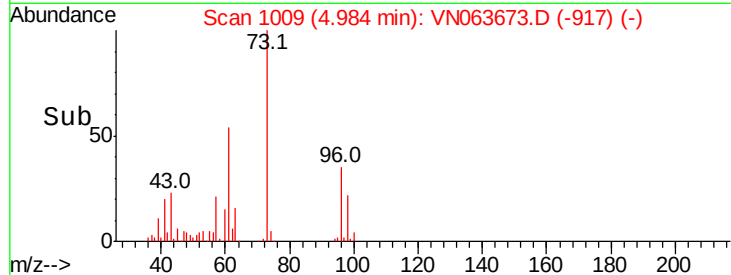
150000

100000

50000

0

Time--> 4.80 4.90 5.00 5.10



#20

Methylene Chloride

Concen: 44.306 ug/l

RT: 4.50 min Scan# 859

Delta R.T. -0.00 min

Lab File: VN063673.D

Acq: 25 Sep 2020 12:58

Tgt Ion: 84 Resp: 186085

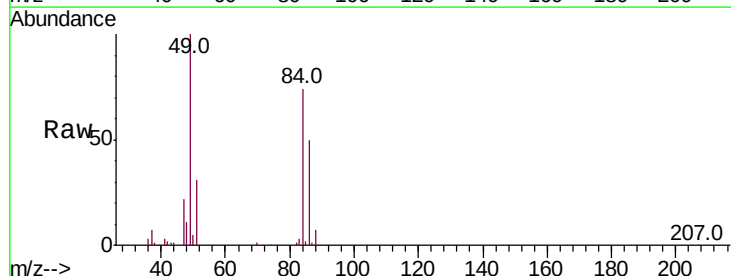
Ion Ratio Lower Upper

84 100

49 134.3 110.7 166.1

51 41.4 32.9 49.3

86 66.7 51.1 76.7



Abundance Ion 83.90 (83.60 to 84.60): VN063360.D (-836) (-)

Ion 48.90 (48.60 to 49.60): VN063360.D (-836) (-)

Ion 50.90 (50.60 to 51.60): VN063360.D (-836) (-)

Ion 85.90 (85.60 to 86.60): VN063360.D (-836) (-)

4.50

120000

100000

80000

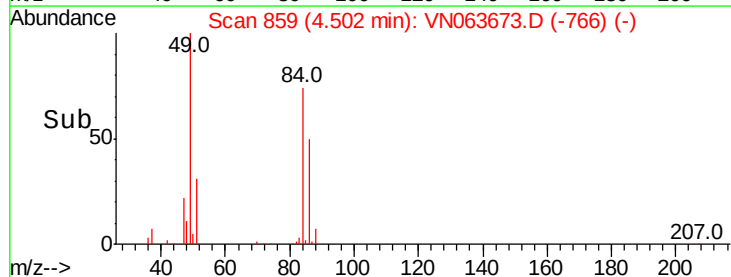
60000

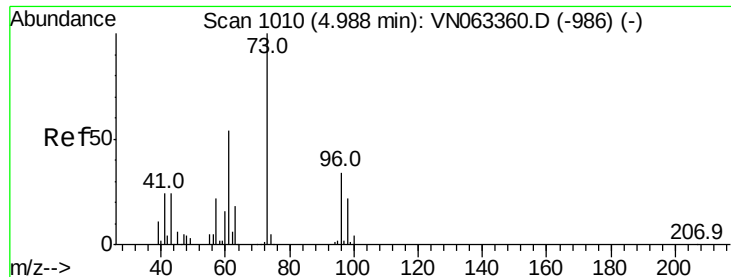
40000

20000

0

Time--> 4.40 4.50 4.60





#21

trans-1,2-Dichloroethene

Concen: 46.272 ug/l

RT: 4.98 min Scan# 1009

Delta R.T. -0.00 min

Lab File: VN063673.D

Acq: 25 Sep 2020 12:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

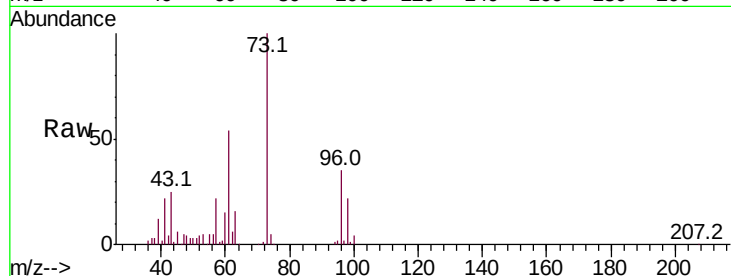
Tot Ion: 96 Resp: 175300

Ion Ratio Lower Upper

96 100

61 152.2 126.2 189.4

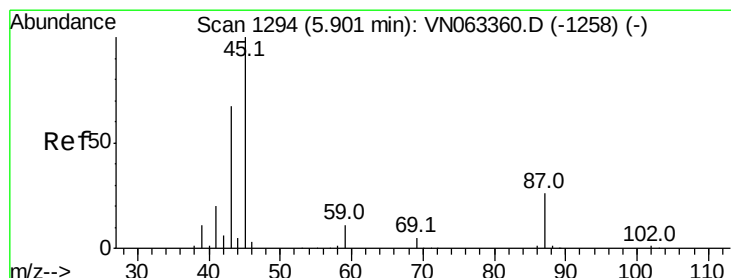
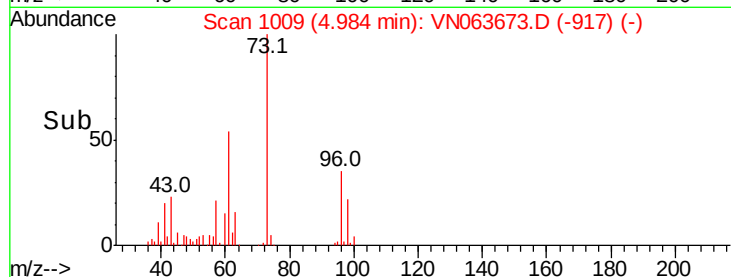
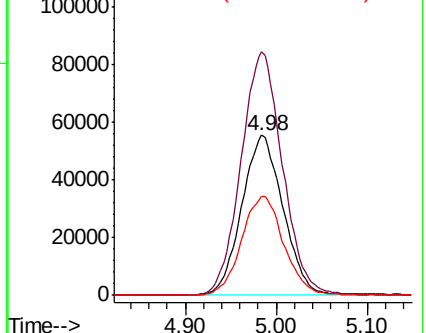
98 61.6 51.0 76.4



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 45.806 ug/l

RT: 5.89 min Scan# 1292

Delta R.T. -0.01 min

Lab File: VN063673.D

Acq: 25 Sep 2020 12:58

Tgt Ion: 45 Resp: 631863

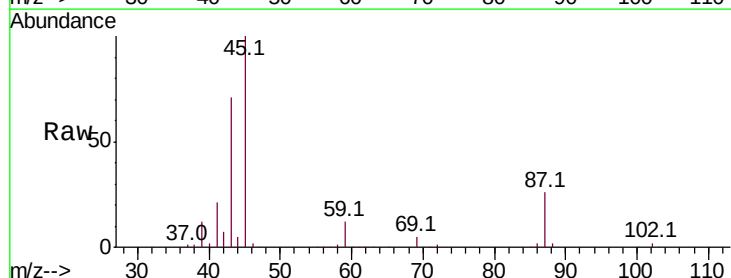
Ion Ratio Lower Upper

45 100

43 69.4 53.5 80.3

87 26.4 21.2 31.8

59 11.3 8.8 13.2

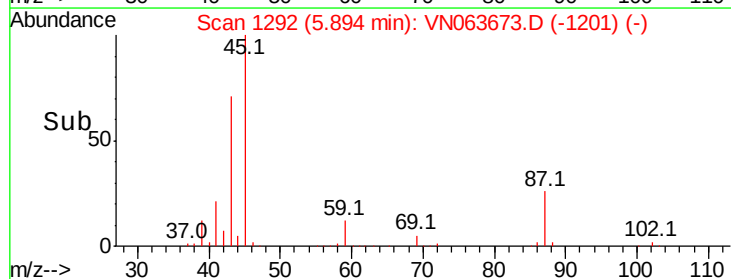
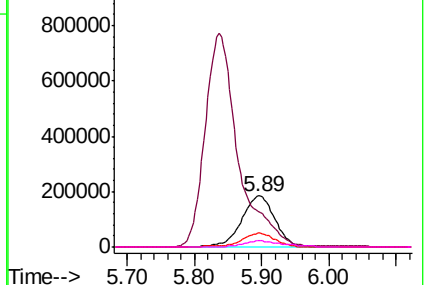


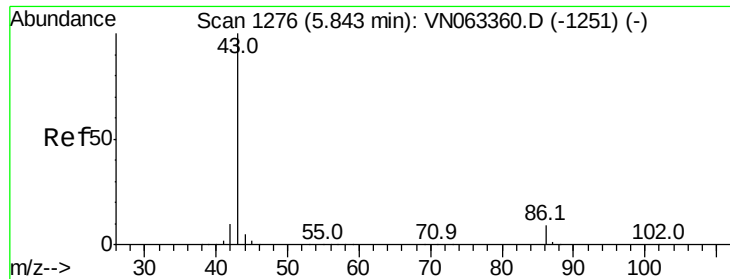
Abundance Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 233.316 ug/l

RT: 5.84 min Scan# 1274

Delta R.T. -0.01 min

Lab File: VN063673.D

Acq: 25 Sep 2020 12:58

Instrument :

MSVOA_N

ClientSampleId :

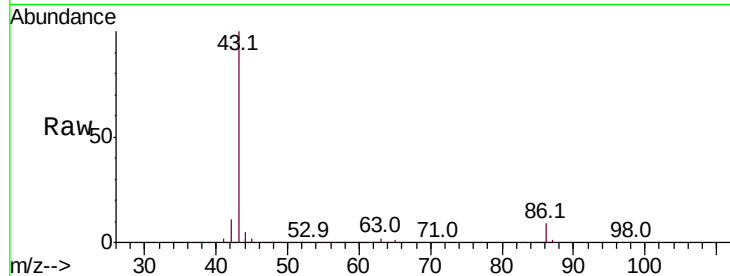
VSTDCCC050

Tot Ion: 43 Resp: 2643205

Ion Ratio Lower Upper

43 100

86 9.0 7.1 10.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

800000

600000

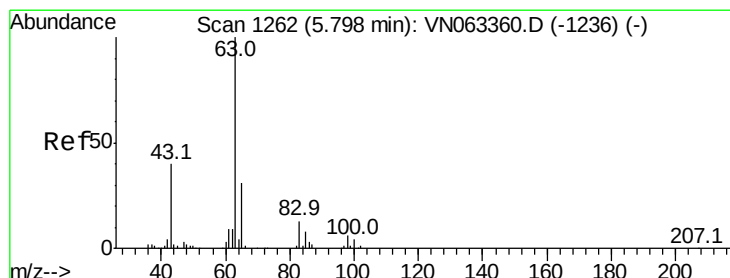
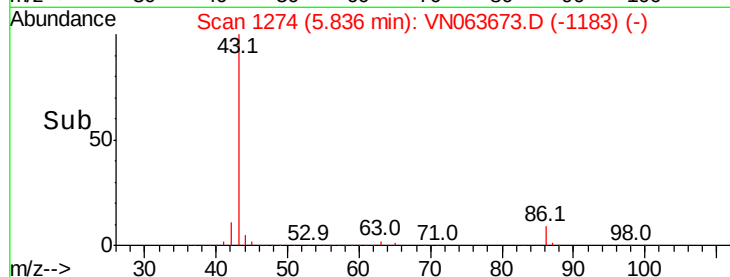
400000

200000

0

5.70 5.80 5.90 6.00 6.10

Time-->



#24

1,1-Dichloroethane

Concen: 46.807 ug/l

RT: 5.79 min Scan# 1260

Delta R.T. -0.01 min

Lab File: VN063673.D

Acq: 25 Sep 2020 12:58

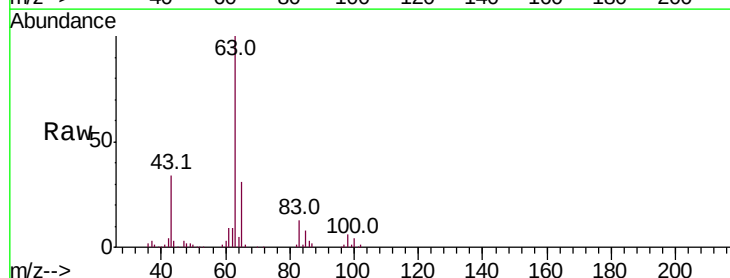
Tgt Ion: 63 Resp: 352508

Ion Ratio Lower Upper

63 100

98 6.1 2.9 8.8

100 3.5 2.1 6.3



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

150000

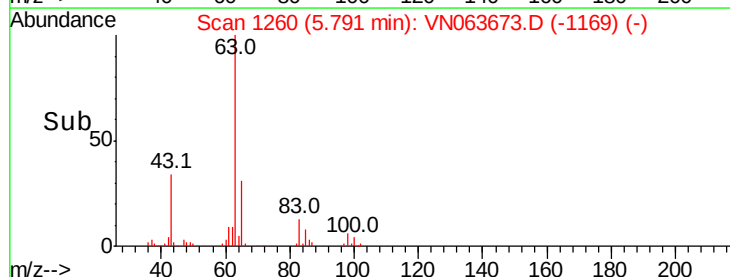
100000

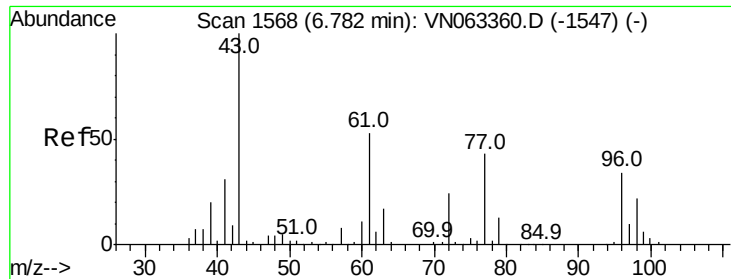
50000

0

5.70 5.80 5.90

Time-->

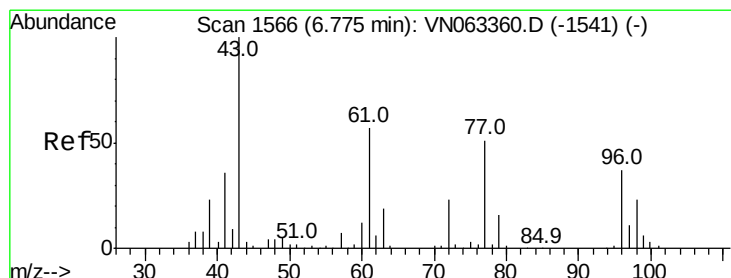
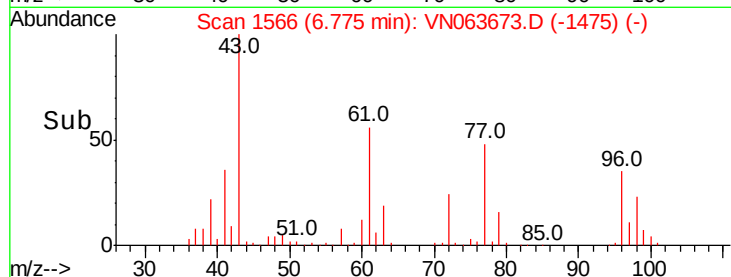
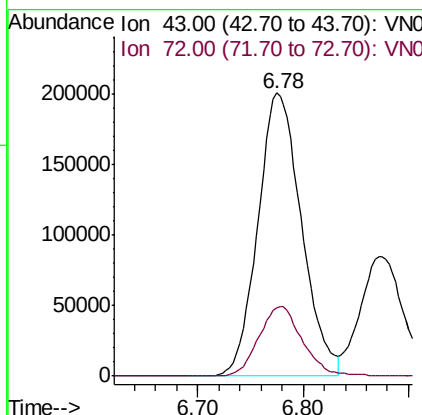
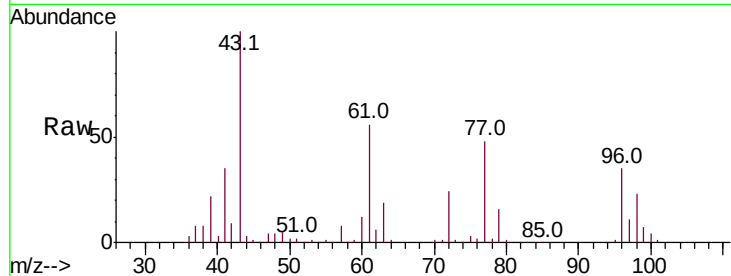




#25
2-Butanone
Concen: 225.108 ug/l
RT: 6.78 min Scan# 1566
Delta R.T. -0.01 min
Lab File: VN063673.D
Acq: 25 Sep 2020 12:58

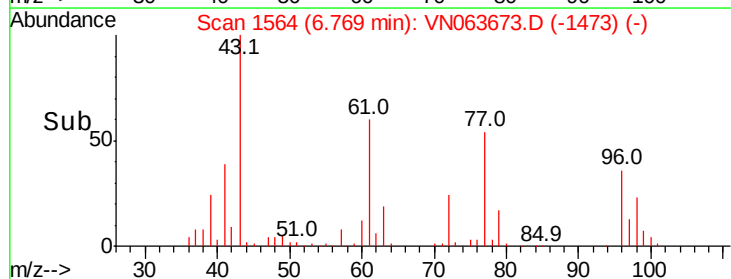
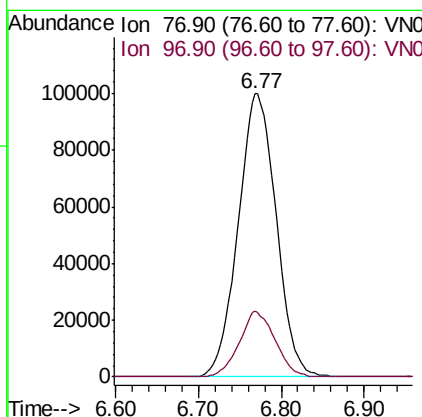
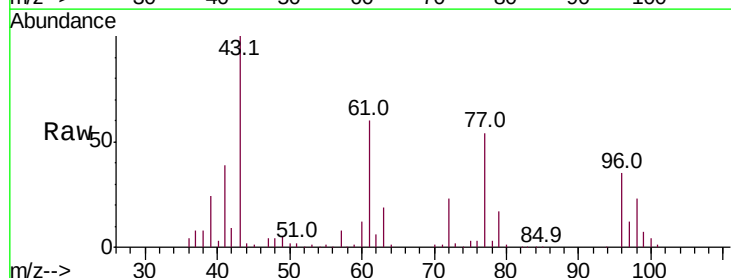
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

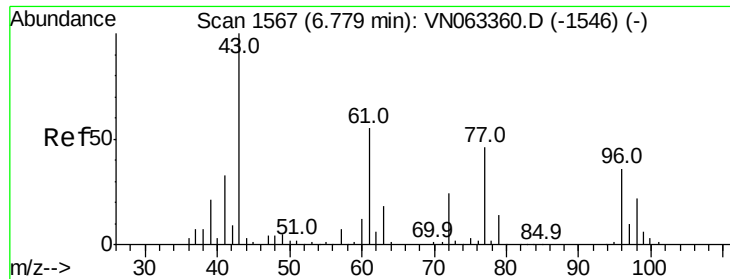
Tot Ion: 43 Resp: 573912
Ion Ratio Lower Upper
43 100
72 24.1 19.2 28.8



#26
2,2-Dichloropropane
Concen: 47.999 ug/l
RT: 6.77 min Scan# 1564
Delta R.T. -0.01 min
Lab File: VN063673.D
Acq: 25 Sep 2020 12:58

Tgt Ion: 77 Resp: 318266
Ion Ratio Lower Upper
77 100
97 21.9 10.5 31.6





#27

cis-1,2-Dichloroethene

Concen: 47.323 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. -0.00 min

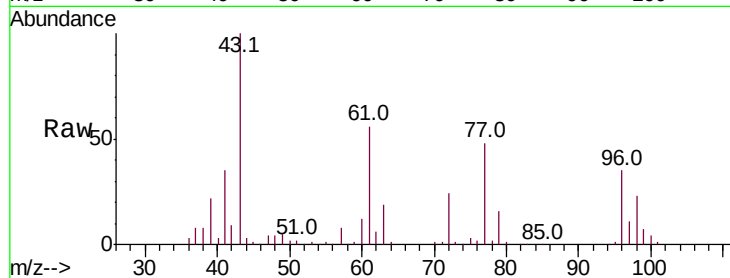
Lab File: VN063673.D

Acq: 25 Sep 2020 12:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 96 Resp: 202922

Ion	Ratio	Lower	Upper
96	100		
61	164.6	0.0	319.6
98	64.7	0.0	127.8

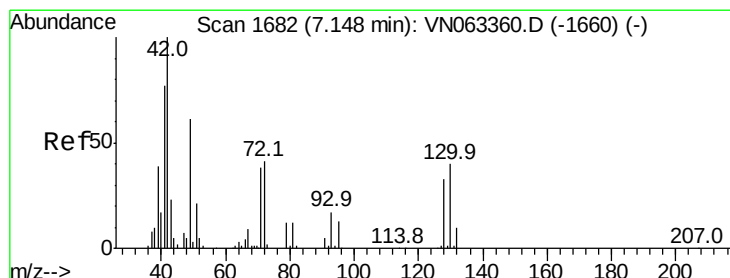
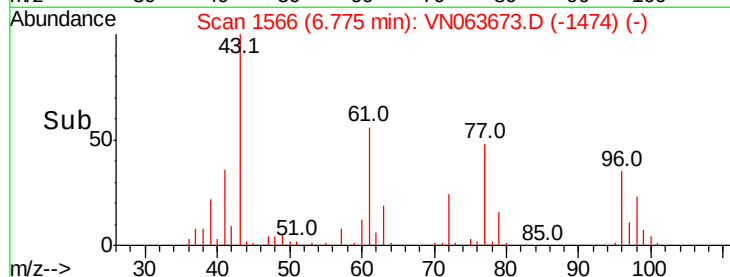
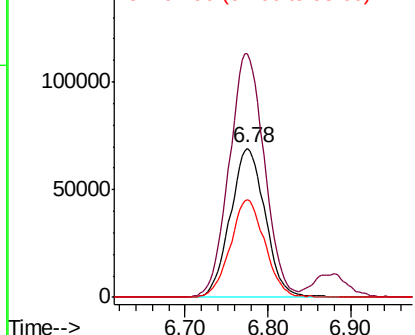


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 45.697 ug/l

RT: 7.14 min Scan# 1681

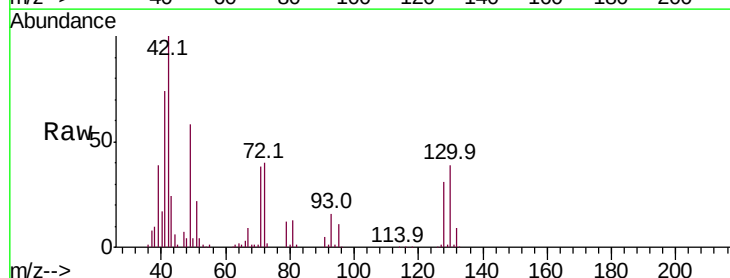
Delta R.T. -0.00 min

Lab File: VN063673.D

Acq: 25 Sep 2020 12:58

Tgt Ion: 49 Resp: 158904

Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	3.8
130	66.5	52.2	78.2

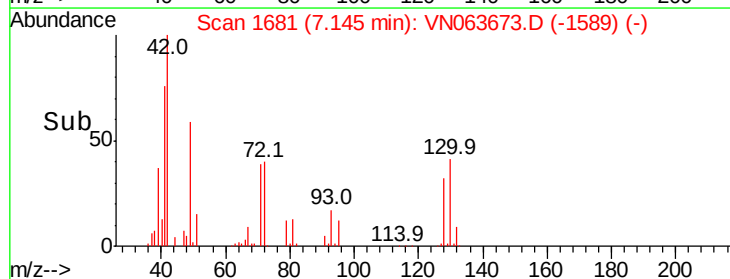
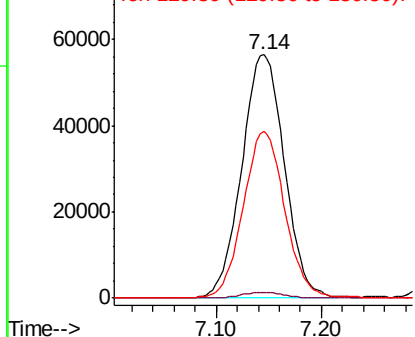


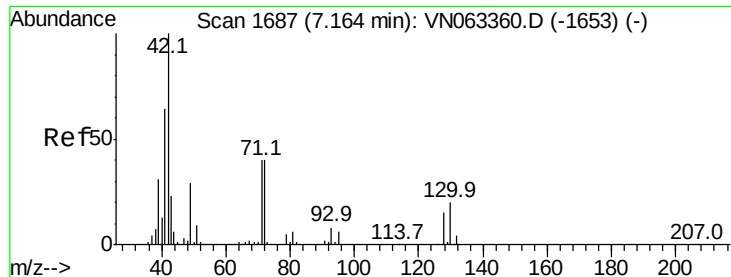
Abundance

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: 212.624 ug/l

RT: 7.16 min Scan# 1685

Delta R.T. -0.01 min

Lab File: VN063673.D

Acq: 25 Sep 2020 12:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

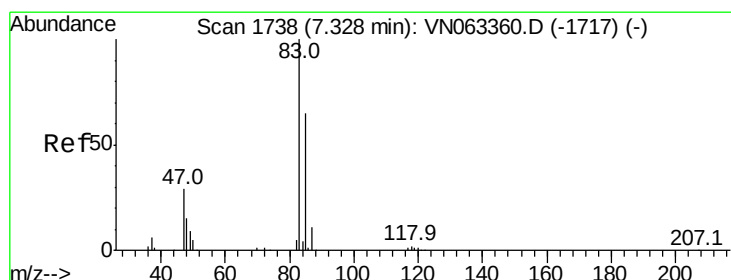
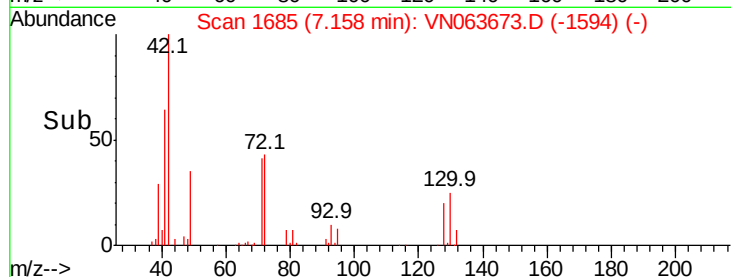
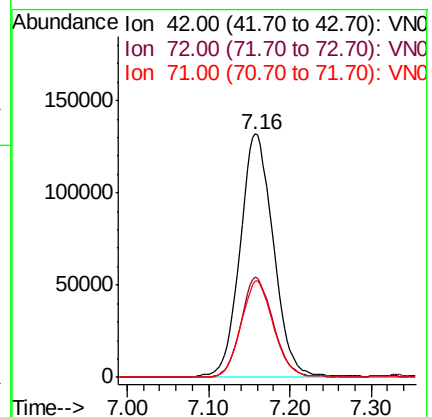
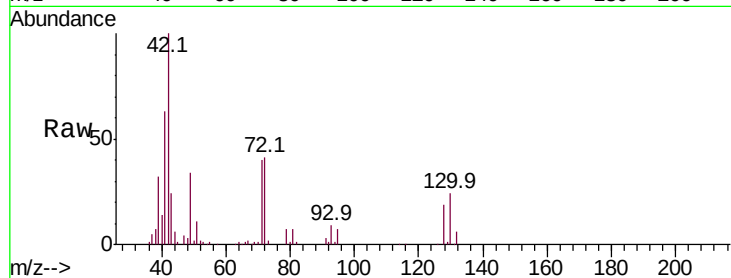
Tot Ion: 42 Resp: 370232

Ion Ratio Lower Upper

42 100

72 40.4 32.1 48.1

71 38.9 31.2 46.8



#30

Chloroform

Concen: 49.643 ug/l

RT: 7.32 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VN063673.D

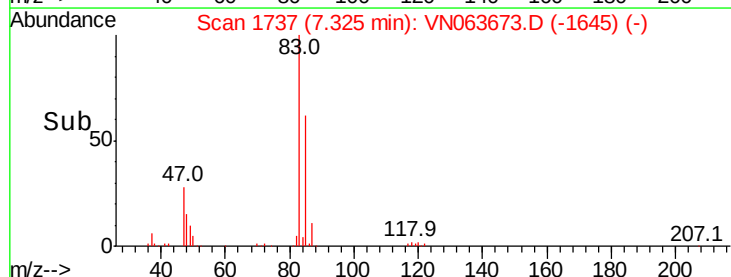
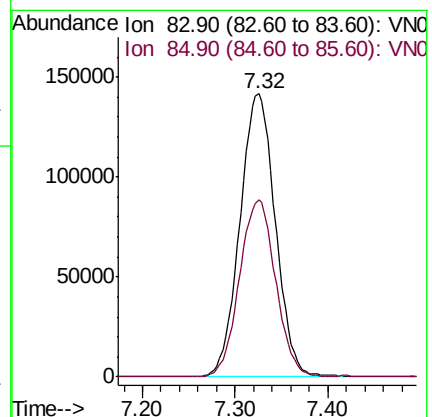
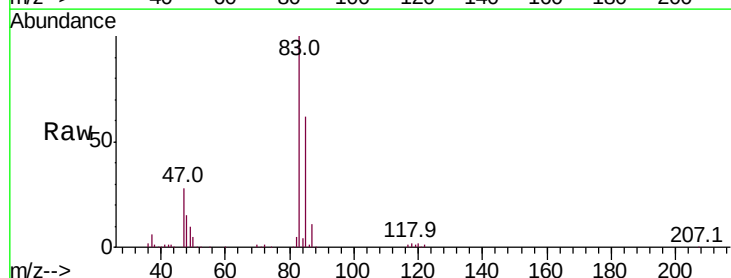
Acq: 25 Sep 2020 12:58

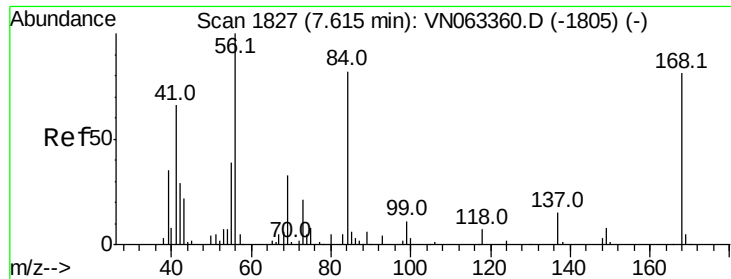
Tgt Ion: 83 Resp: 375097

Ion Ratio Lower Upper

83 100

85 62.4 52.1 78.1

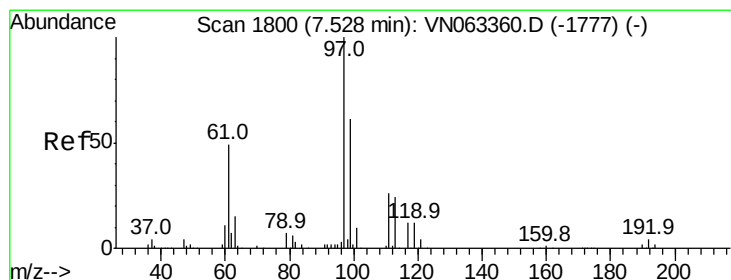
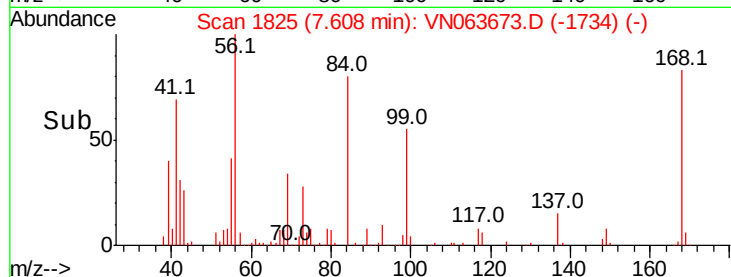
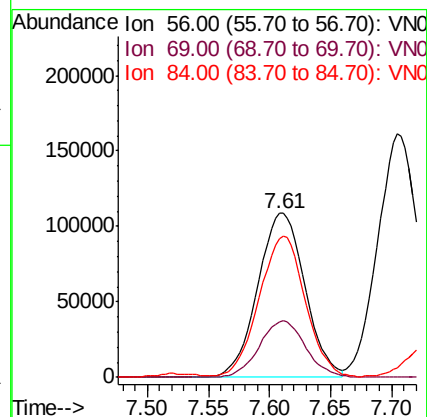
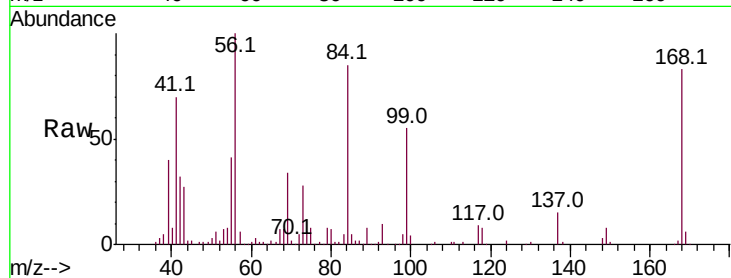




#31
Cyclohexane
Concen: 41.127 ug/l
RT: 7.61 min Scan# 1825
Delta R.T. -0.01 min
Lab File: VN063673.D
Acq: 25 Sep 2020 12:58

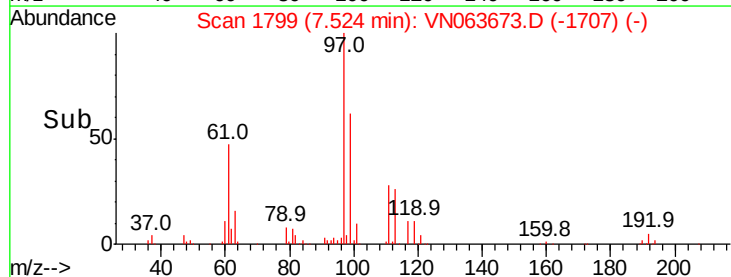
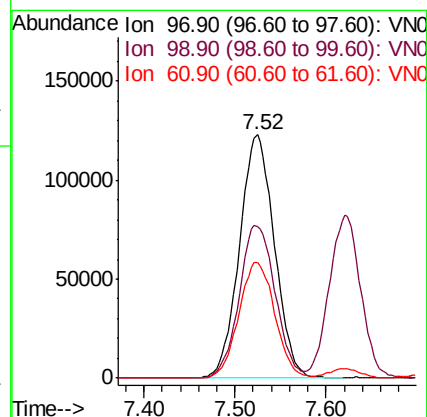
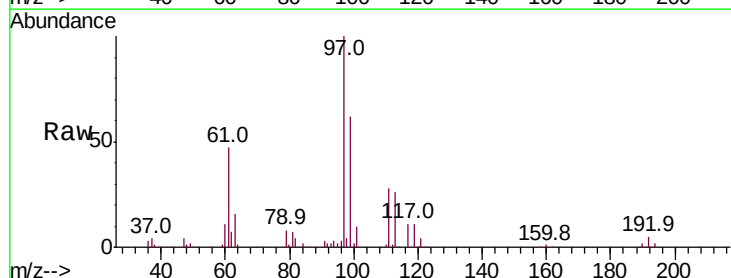
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

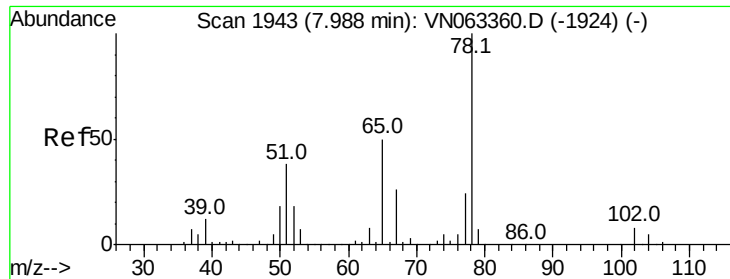
Tot Ion: 56 Resp: 292980
Ion Ratio Lower Upper
56 100
69 33.9 26.1 39.1
84 83.0 65.4 98.2



#32
1,1,1-Trichloroethane
Concen: 48.844 ug/l
RT: 7.52 min Scan# 1799
Delta R.T. -0.00 min
Lab File: VN063673.D
Acq: 25 Sep 2020 12:58

Tgt Ion: 97 Resp: 328250
Ion Ratio Lower Upper
97 100
99 64.7 50.6 76.0
61 49.0 39.2 58.8

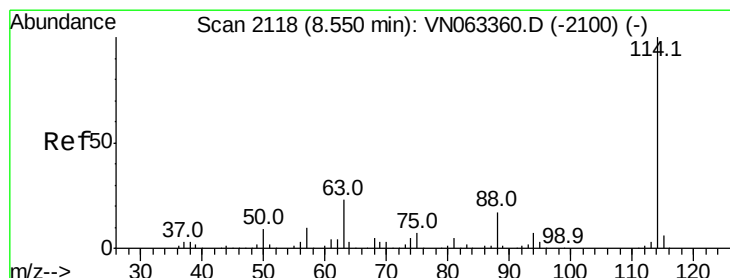
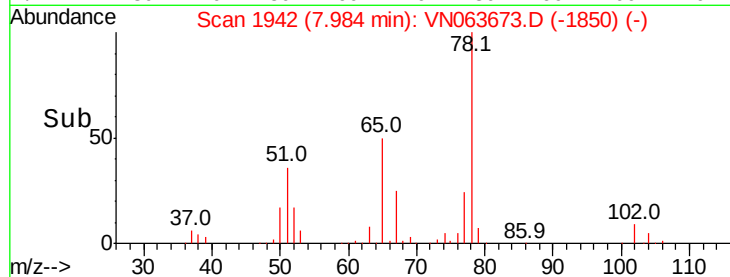
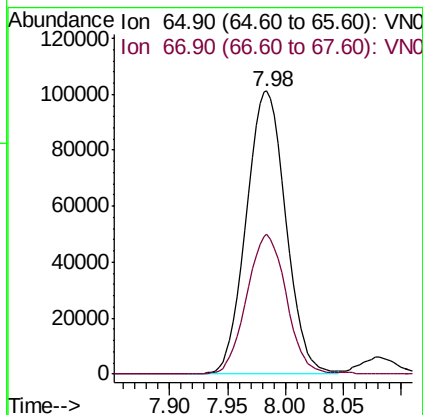
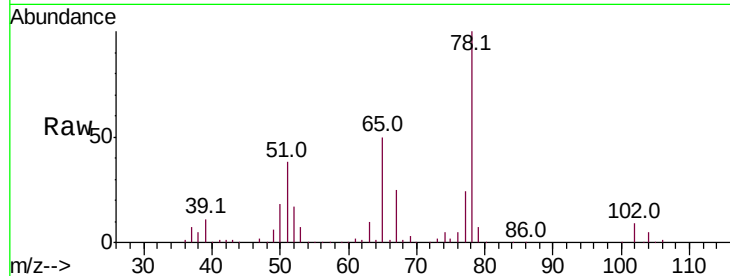




#33
 1,2-Dichloroethane-d4
 Concen: 46.625 ug/l
 RT: 7.98 min Scan# 1942
 Delta R.T. -0.00 min
 Lab File: VN063673.D
 Acq: 25 Sep 2020 12:58

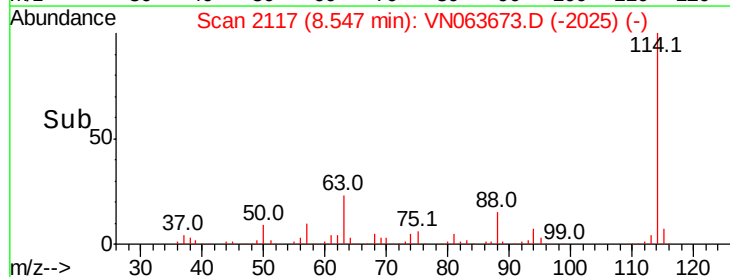
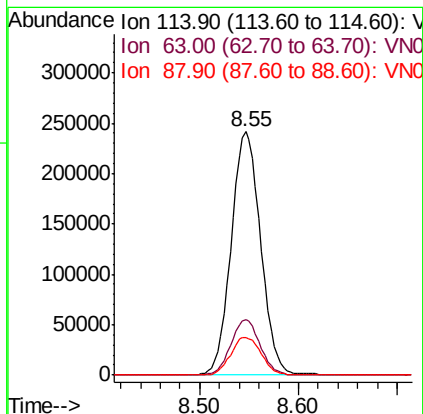
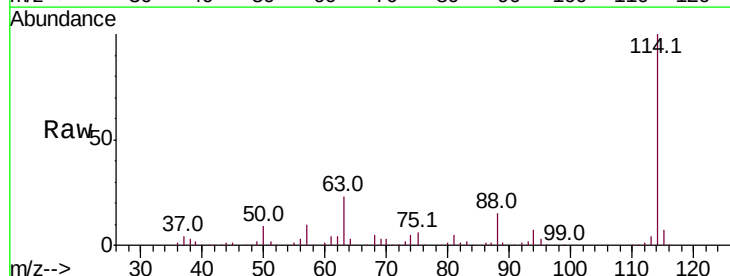
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

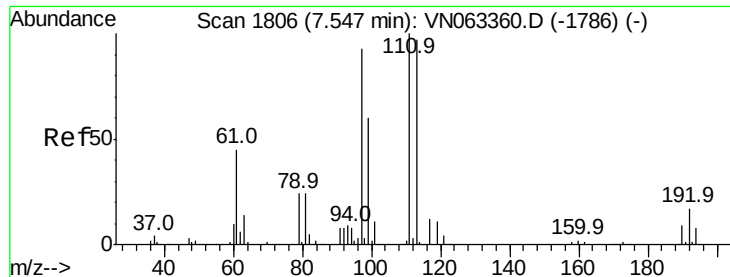
Tot Ion: 65 Resp: 240491
 Ion Ratio Lower Upper
 65 100
 67 49.6 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN063673.D
 Acq: 25 Sep 2020 12:58

Tgt Ion: 114 Resp: 502742
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 46.4
 88 15.4 0.0 33.2

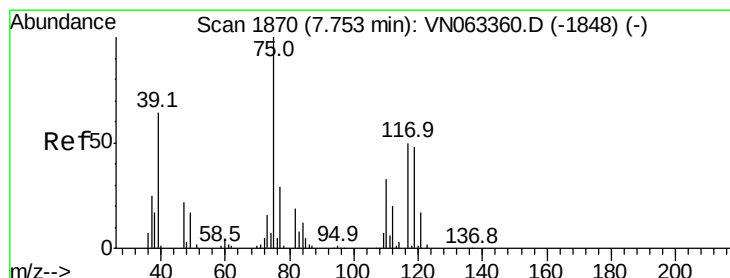
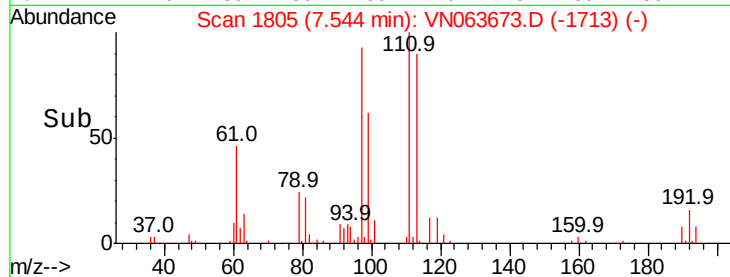
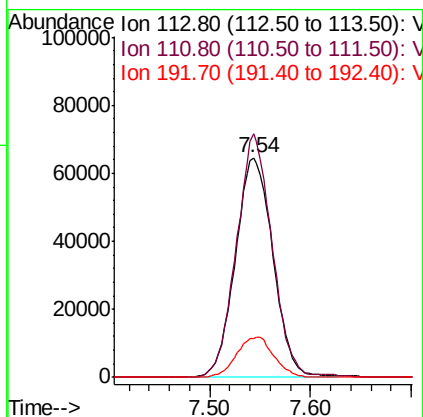
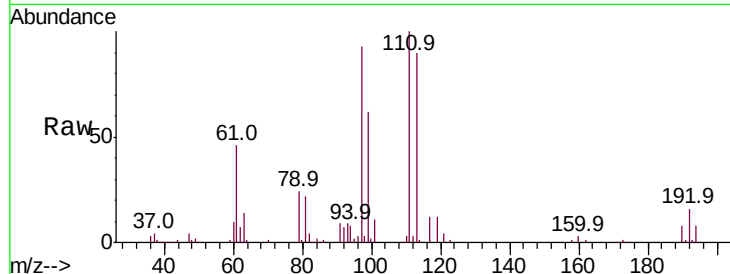




#35
 Dibromofluoromethane
 Concen: 48.034 ug/l
 RT: 7.54 min Scan# 1805
 Delta R.T. -0.00 min
 Lab File: VN063673.D
 Acq: 25 Sep 2020 12:58

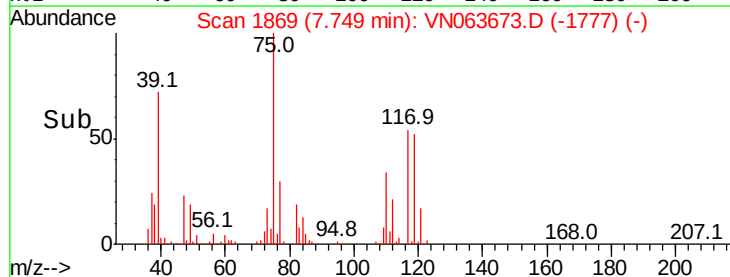
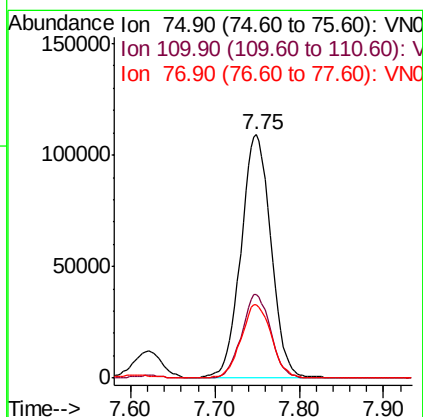
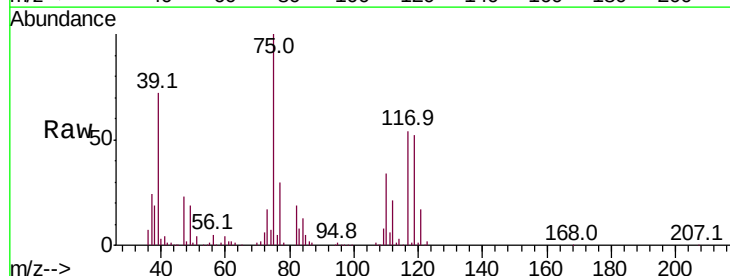
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

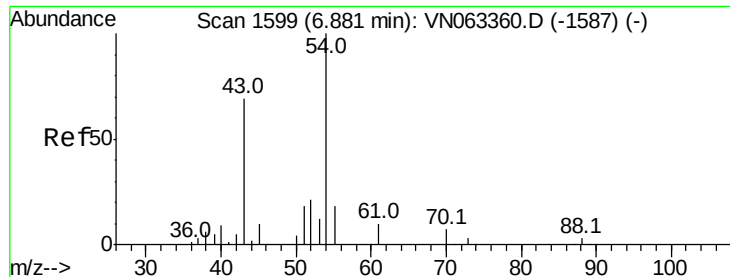
Tot Ion:113 Resp: 167176
 Ion Ratio Lower Upper
 113 100
 111 104.2 82.9 124.3
 192 18.1 13.9 20.9



#36
 1,1-Dichloropropene
 Concen: 50.257 ug/l
 RT: 7.75 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VN063673.D
 Acq: 25 Sep 2020 12:58

Tgt Ion: 75 Resp: 269177
 Ion Ratio Lower Upper
 75 100
 110 33.5 16.5 49.5
 77 30.8 24.6 36.8





#37

Ethyl Acetate

Concen: 46.756 ug/l

RT: 6.87 min Scan# 1596

Delta R.T. -0.01 min

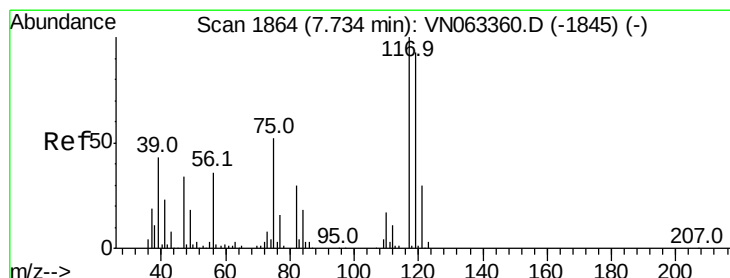
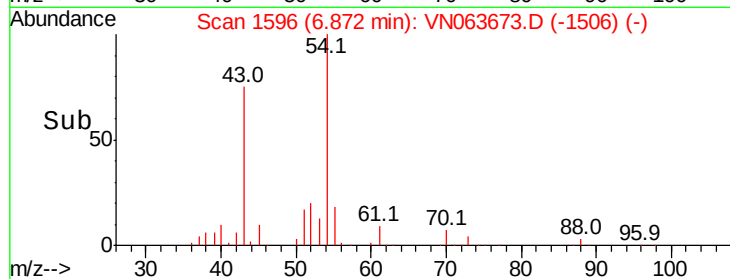
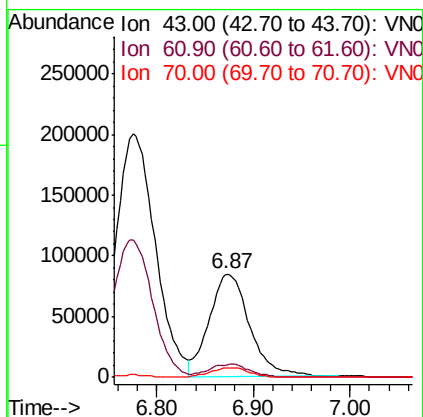
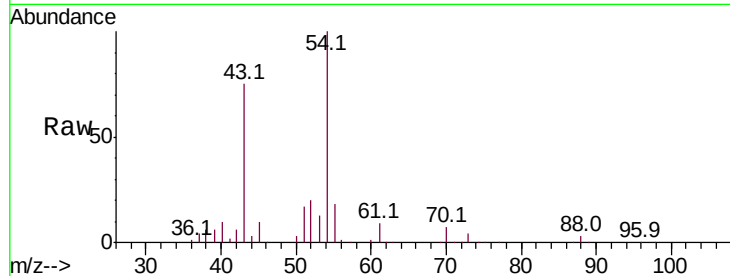
Lab File: VN063673.D

Acq: 25 Sep 2020 12:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 245780

Ion	Ratio	Lower	Upper
43	100		
61	12.3	10.6	15.8
70	9.4	7.2	10.8



#38

Carbon Tetrachloride

Concen: 52.081 ug/l

RT: 7.73 min Scan# 1863

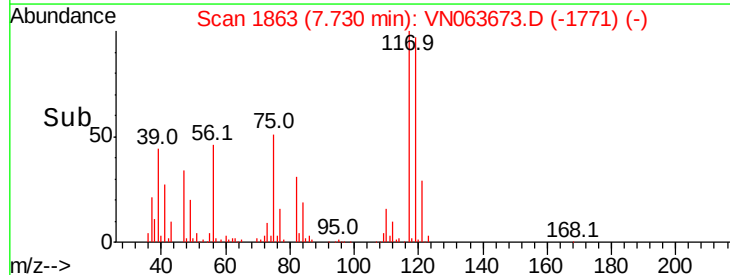
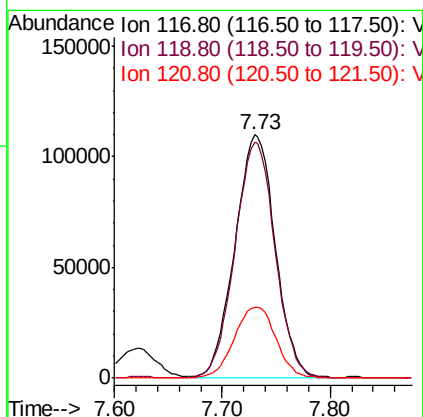
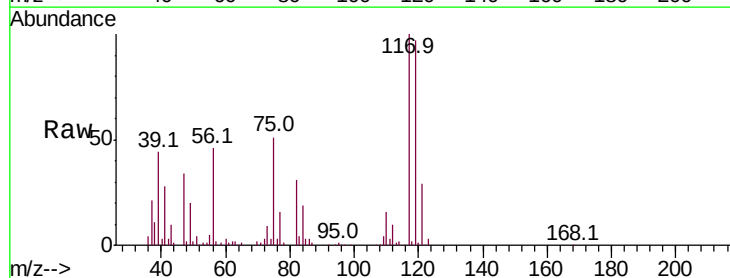
Delta R.T. -0.00 min

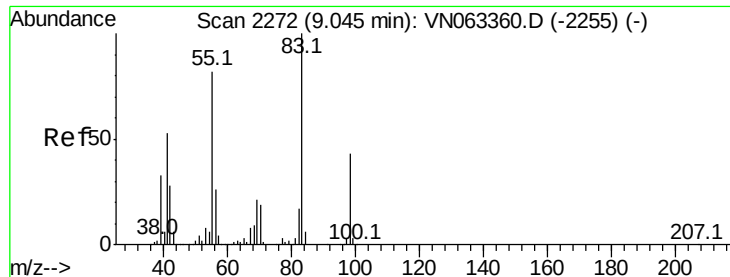
Lab File: VN063673.D

Acq: 25 Sep 2020 12:58

Tgt Ion: 117 Resp: 284747

Ion	Ratio	Lower	Upper
117	100		
119	97.1	74.5	111.7
121	29.0	24.1	36.1

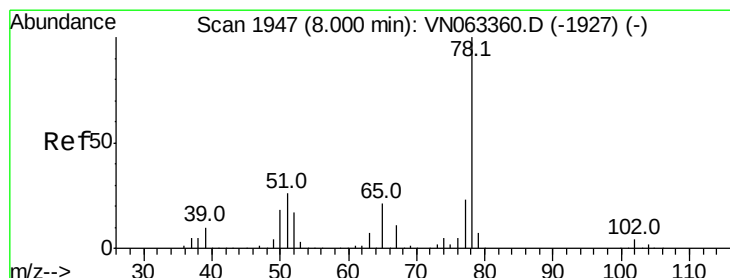
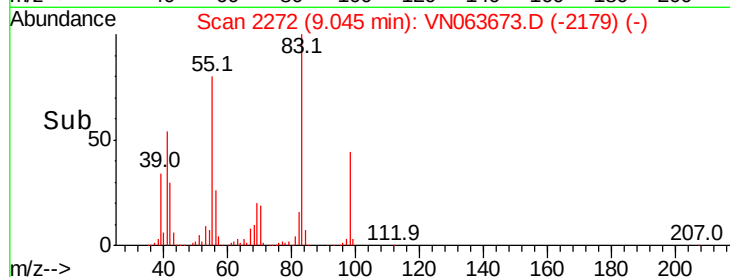
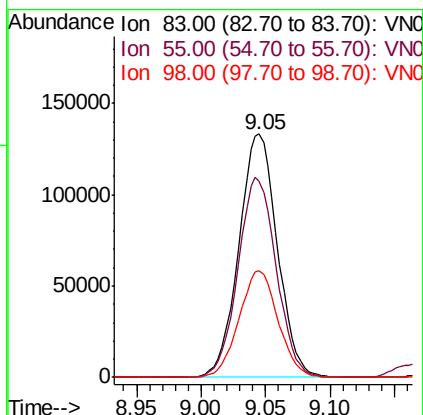
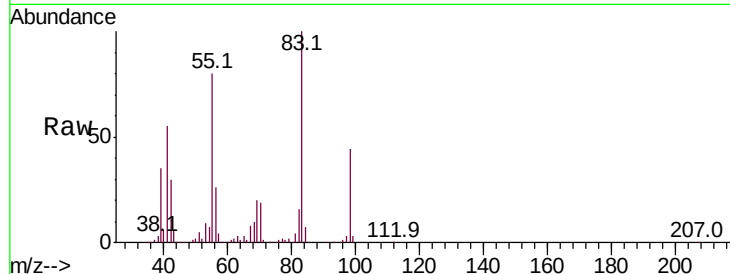




#39
Methylvlcyclohexane
Concen: 47.612 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN063673.D
Acq: 25 Sep 2020 12:58

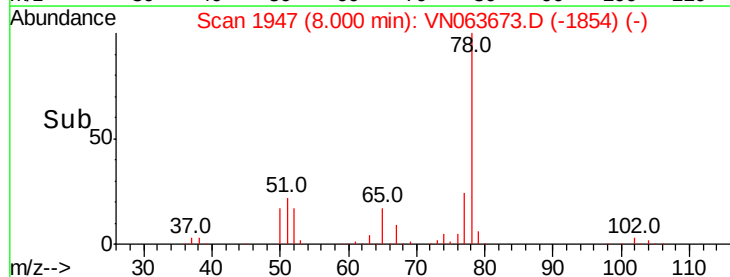
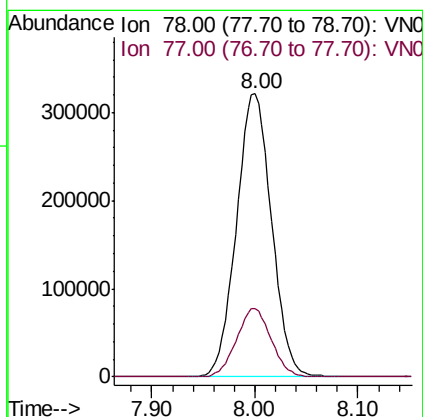
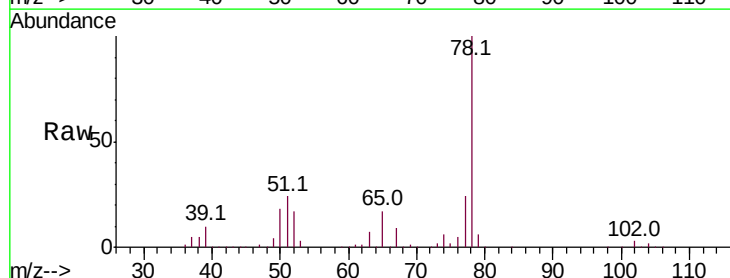
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

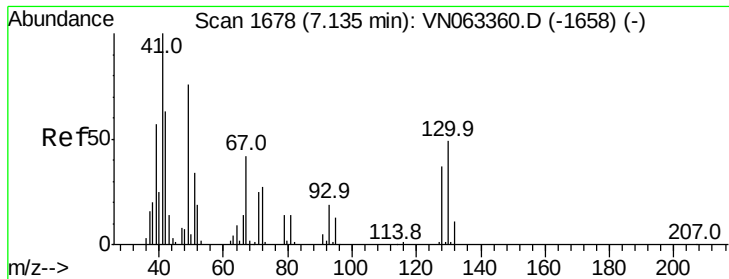
Tot Ion: 83 Resp: 276768
Ion Ratio Lower Upper
83 100
55 80.5 65.5 98.3
98 43.7 34.2 51.4



#40
Benzene
Concen: 49.809 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN063673.D
Acq: 25 Sep 2020 12:58

Tgt Ion: 78 Resp: 761547
Ion Ratio Lower Upper
78 100
77 24.3 18.3 27.5

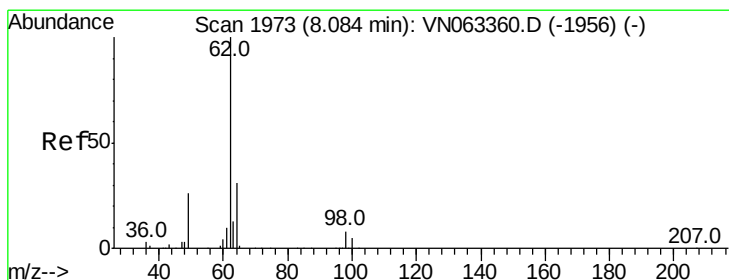
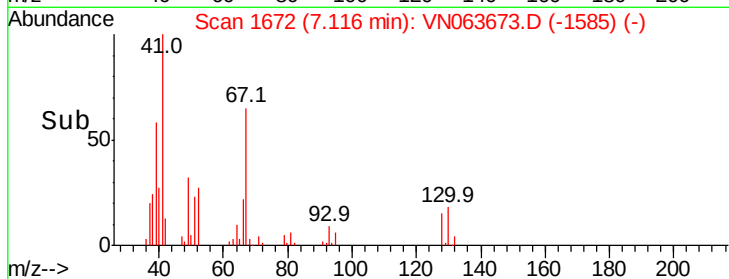
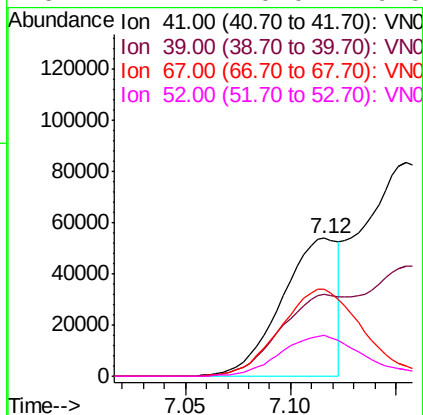
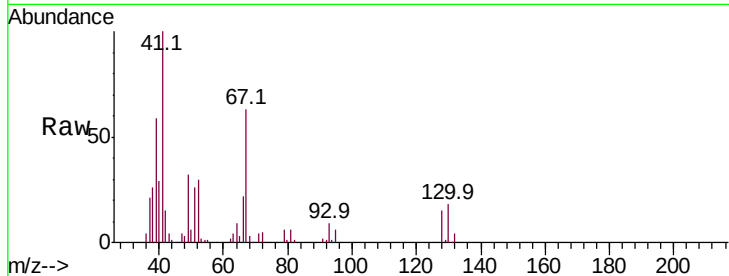




#41
Methacrylonitrile
Concen: 42.583 ug/l
RT: 7.12 min Scan# 1672
Delta R.T. -0.02 min
Lab File: VN063673.D
Acq: 25 Sep 2020 12:58

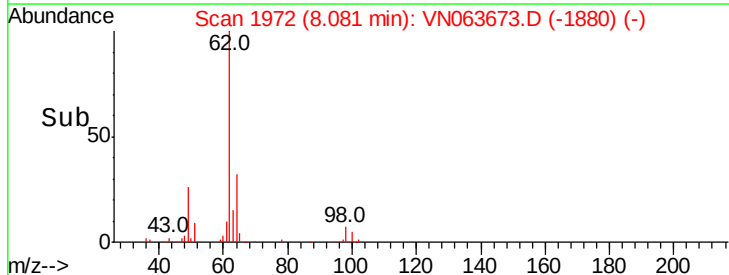
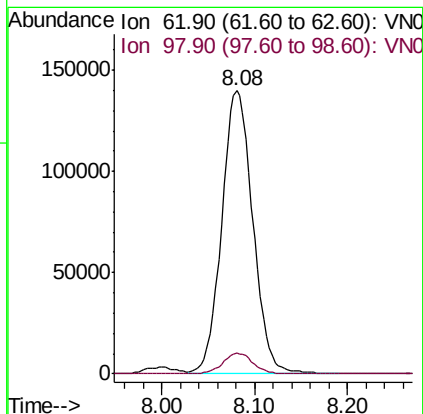
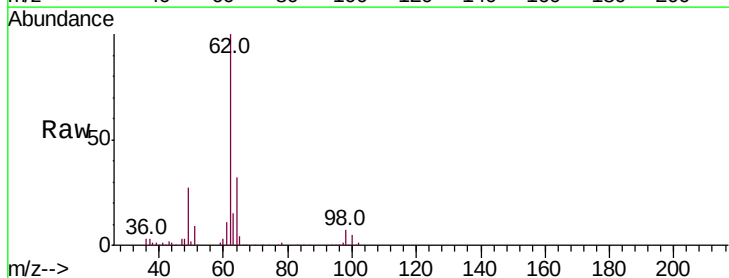
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

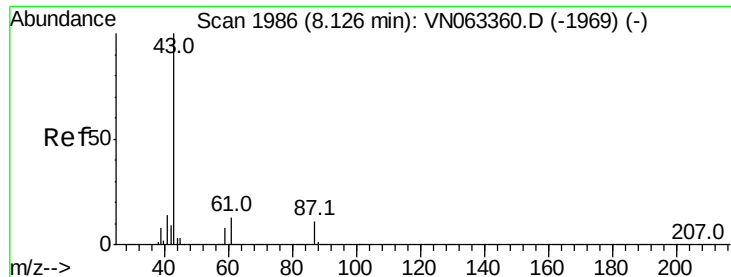
Tot Ion:	41	Resp:	100677
Ion	Ratio	Lower	Upper
41	100		
39	66.4	0.0	0.0#
67	93.1	0.0	0.0#
52	44.2	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 52.564 ug/l
RT: 8.08 min Scan# 1972
Delta R.T. -0.00 min
Lab File: VN063673.D
Acq: 25 Sep 2020 12:58

Tgt Ion:	62	Resp:	323198
Ion	Ratio	Lower	Upper
62	100		
98	7.1	0.0	15.6





#43

Isopropyl Acetate

Concen: 46.929 ug/l

RT: 8.12 min Scan# 1985

Delta R.T. -0.00 min

Lab File: VN063673.D

Acq: 25 Sep 2020 12:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

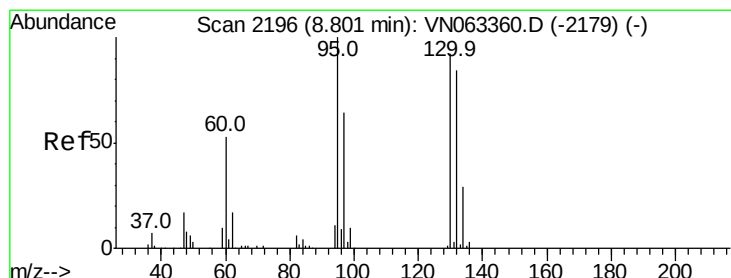
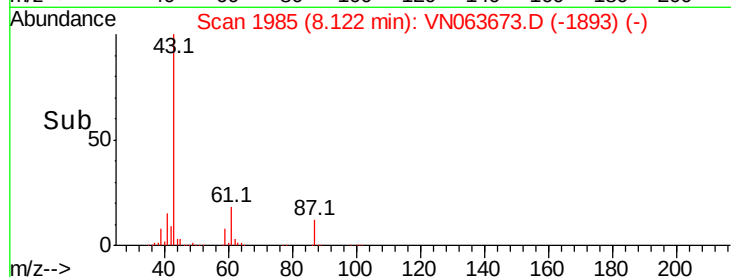
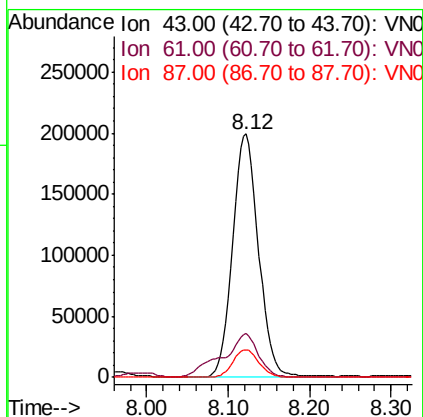
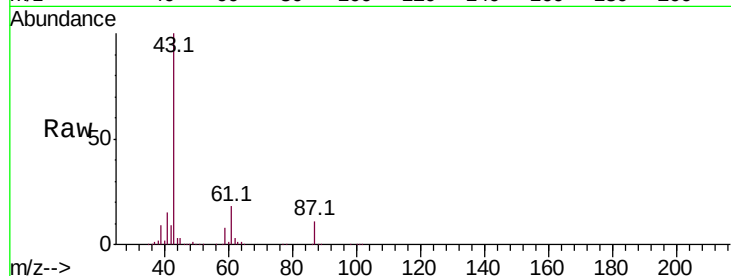
Tot Ion: 43 Resp: 441113

Ion Ratio Lower Upper

43 100

61 25.1 14.2 21.2#

87 11.5 9.0 13.6



#44

Trichloroethene

Concen: 52.335 ug/l

RT: 8.80 min Scan# 2195

Delta R.T. -0.00 min

Lab File: VN063673.D

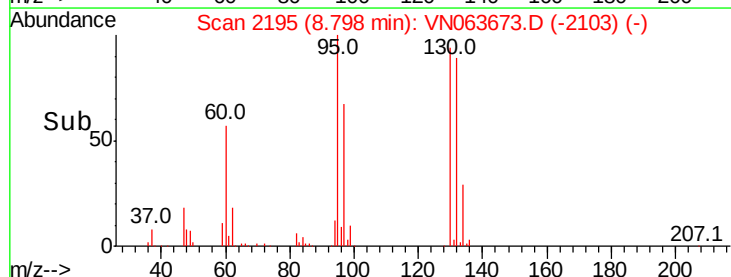
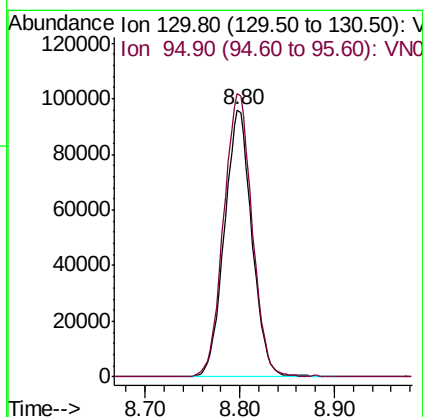
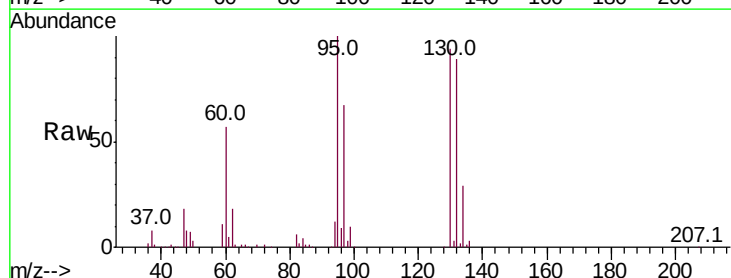
Acq: 25 Sep 2020 12:58

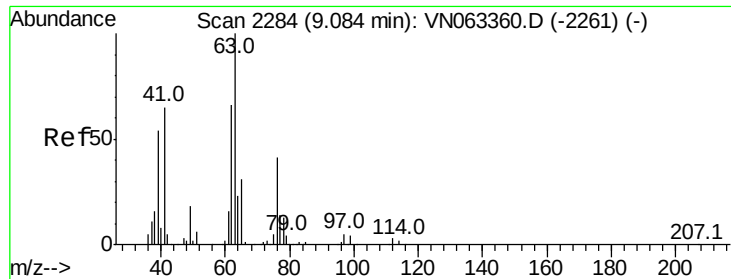
Tgt Ion:130 Resp: 194077

Ion Ratio Lower Upper

130 100

95 106.0 0.0 217.4





#45

1,2-Dichloropropane

Concen: 49.672 ug/l

RT: 9.08 min Scan# 2283

Delta R.T. -0.00 min

Lab File: VN063673.D

Acq: 25 Sep 2020 12:58

Instrument :

MSVOA_N

ClientSampleId :

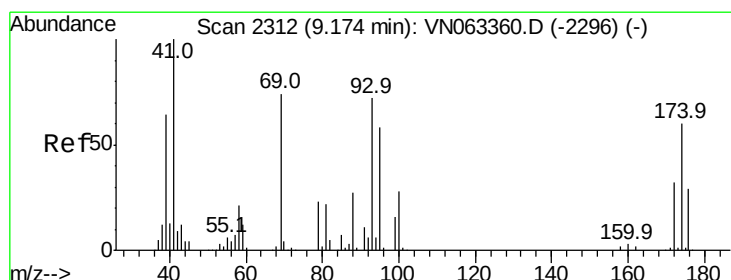
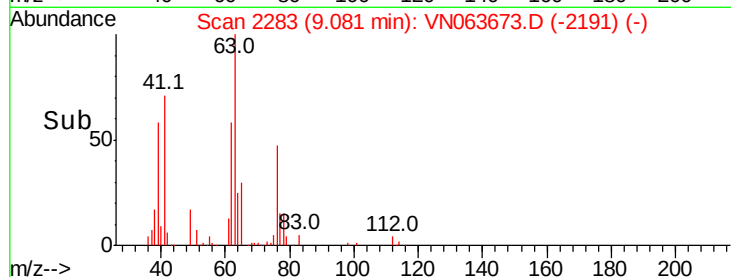
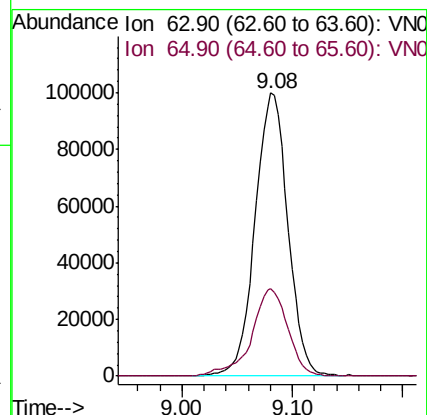
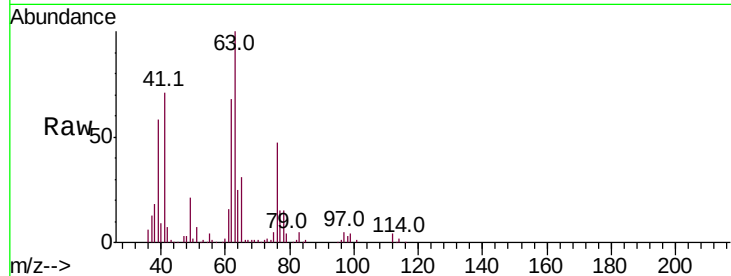
VSTDCCC050

Tot Ion: 63 Resp: 206842

Ion Ratio Lower Upper

63 100

65 30.9 25.0 37.6



#46

Dibromomethane

Concen: 51.301 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN063673.D

Acq: 25 Sep 2020 12:58

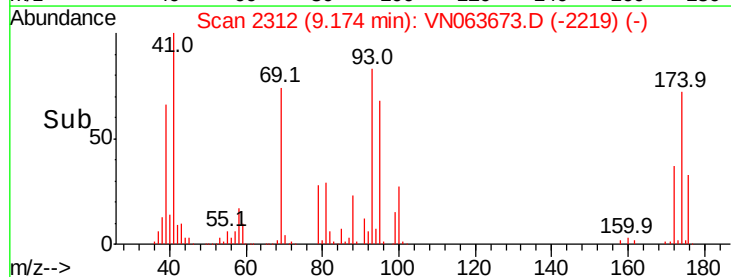
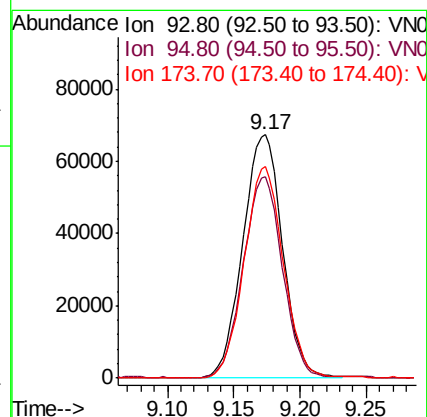
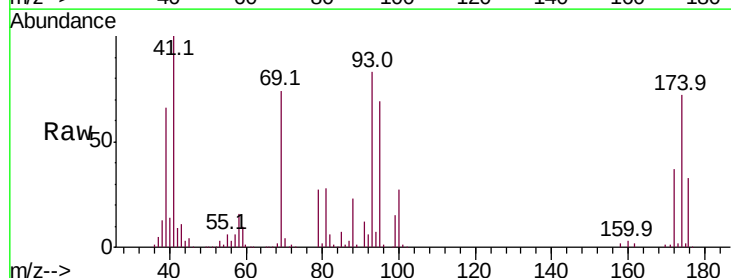
Tgt Ion: 93 Resp: 140409

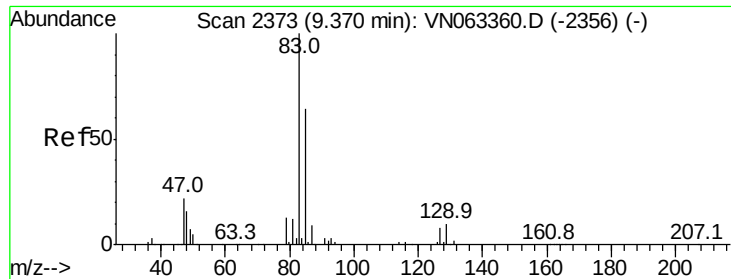
Ion Ratio Lower Upper

93 100

95 82.3 65.6 98.4

174 85.7 68.1 102.1





#47

Bromodichloromethane

Concen: 52.737 ug/l

RT: 9.37 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN063673.D

Acq: 25 Sep 2020 12:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

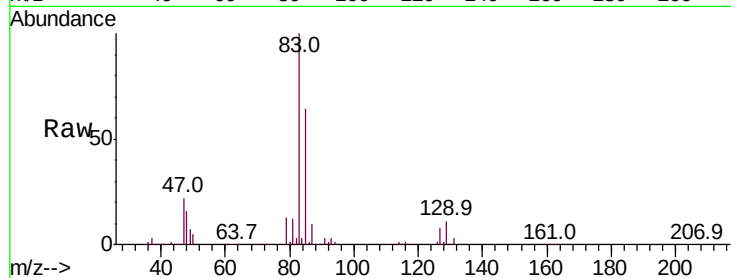
Tot Ion: 83 Resp: 299860

Ion Ratio Lower Upper

83 100

85 64.1 51.0 76.6

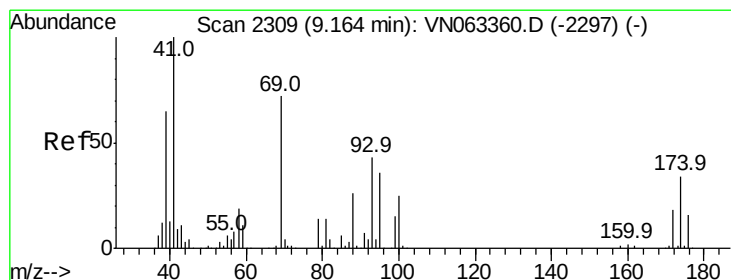
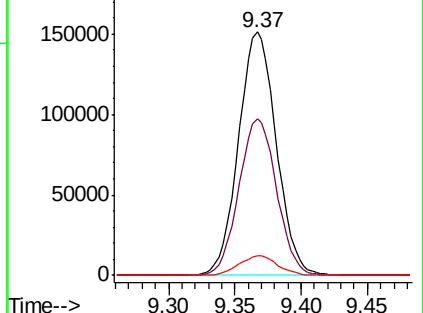
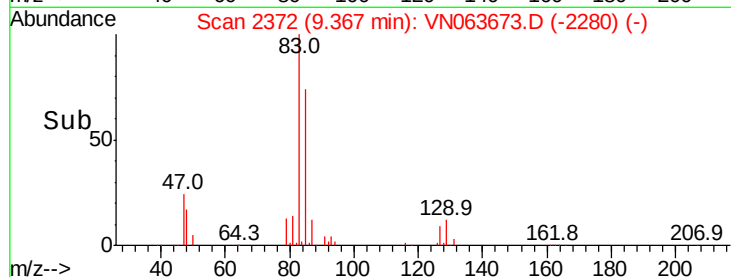
127 7.9 6.3 9.5



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 48.334 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN063673.D

Acq: 25 Sep 2020 12:58

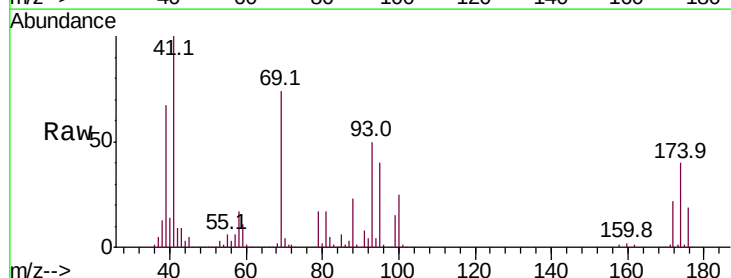
Tgt Ion: 41 Resp: 223207

Ion Ratio Lower Upper

41 100

69 74.0 59.3 88.9

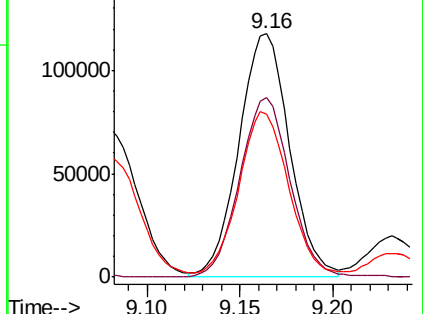
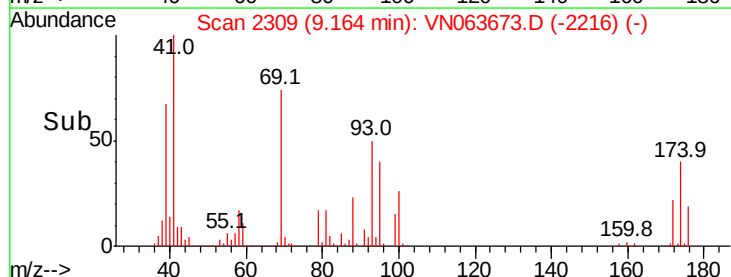
39 67.6 52.9 79.3

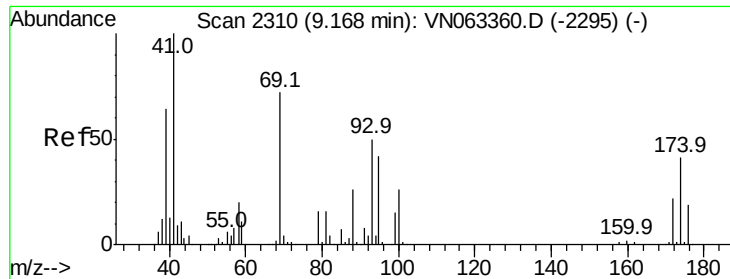


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 866.751 ug/l

RT: 9.16 min Scan# 2308

Delta R.T. -0.01 min

Lab File: VN063673.D

Acq: 25 Sep 2020 12:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

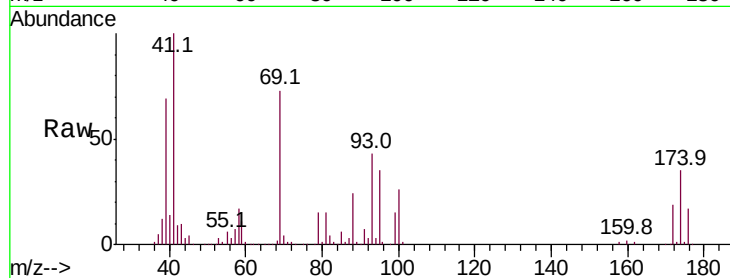
Tot Ion: 88 Resp: 57441

Ion Ratio Lower Upper

88 100

43 39.5 32.6 49.0

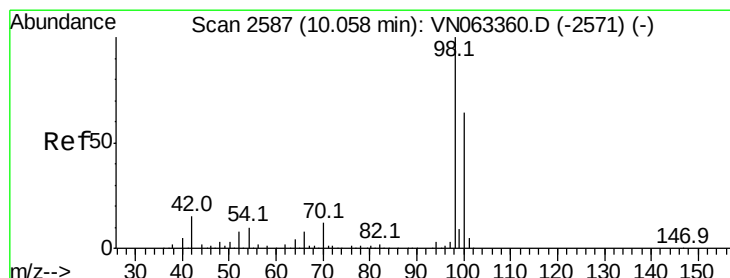
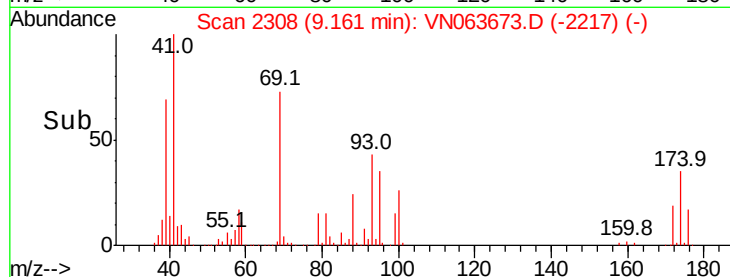
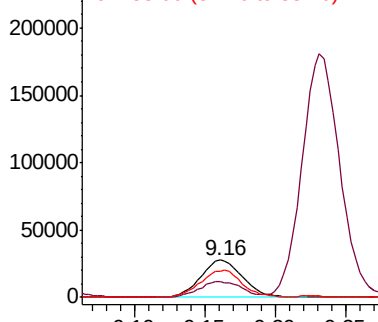
58 72.0 60.0 90.0



Abundance Ion 88.00 (87.70 to 88.70): VN063360.D (-2295) (-)

Ion 43.00 (42.70 to 43.70): VN063360.D (-2295) (-)

Ion 58.00 (57.70 to 58.70): VN063360.D (-2295) (-)



#50

Toluene-d8

Concen: 48.311 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN063673.D

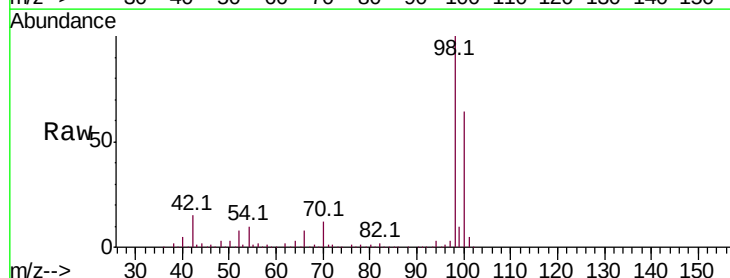
Acq: 25 Sep 2020 12:58

Tgt Ion: 98 Resp: 632233

Ion Ratio Lower Upper

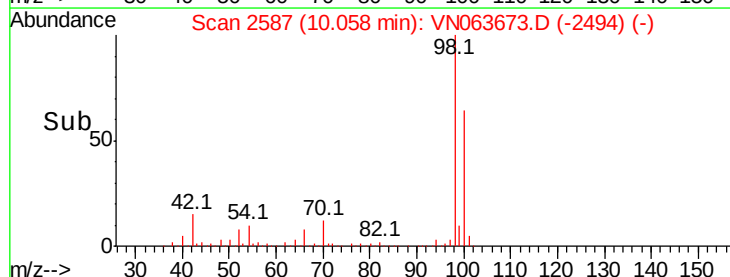
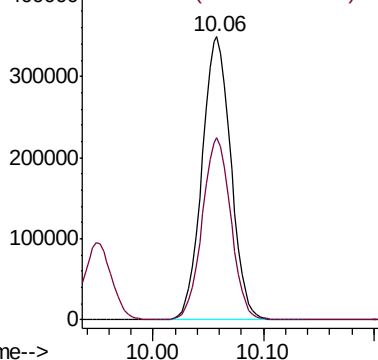
98 100

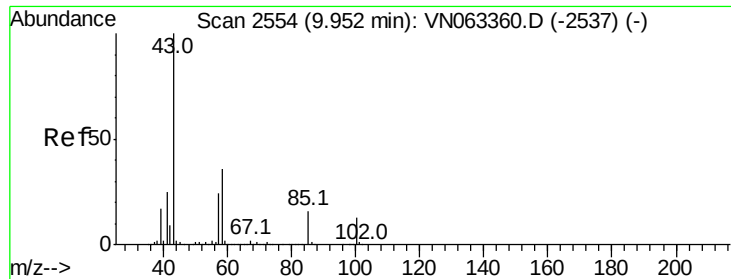
100 63.6 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN063360.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN063360.D (-2571) (-)





#51

4-Methyl-2-Pentanone

Concen: 243.487 ug/l

RT: 9.95 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN063673.D

Acq: 25 Sep 2020 12:58

Instrument :

MSVOA_N

ClientSampleId :

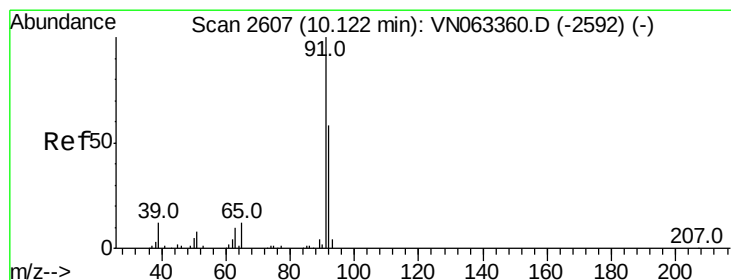
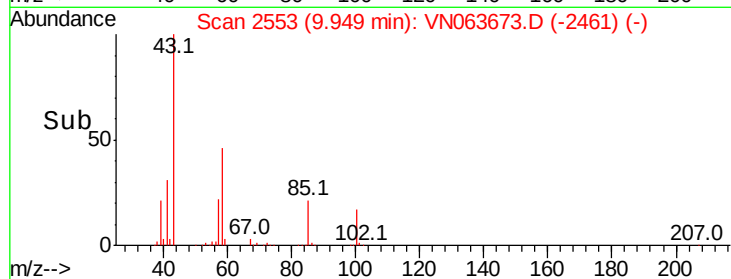
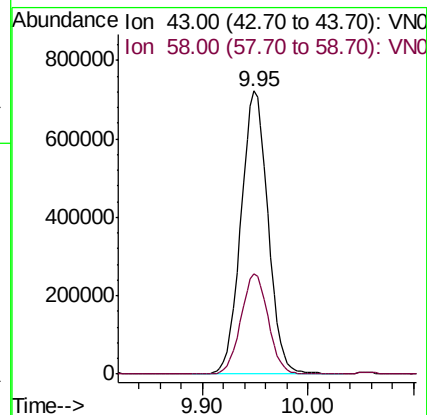
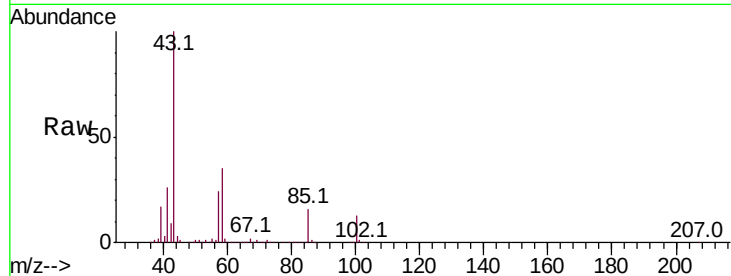
VSTDCCC050

Tot Ion: 43 Resp: 1281272

Ion Ratio Lower Upper

43 100

58 35.7 29.0 43.6



#52

Toluene

Concen: 52.723 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN063673.D

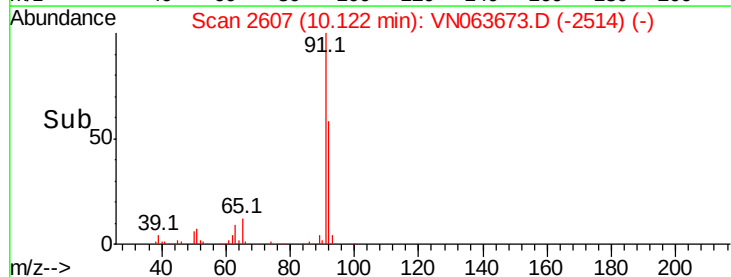
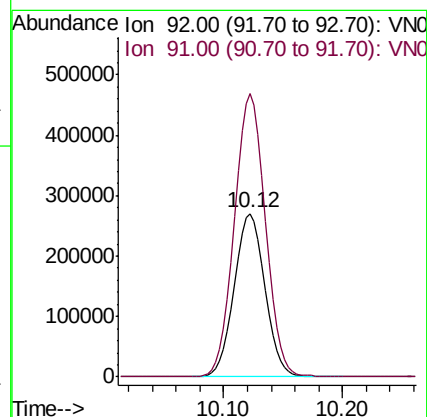
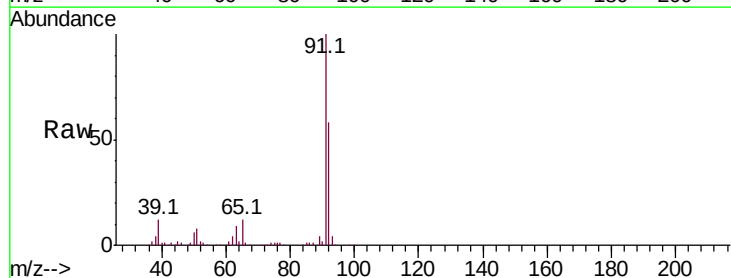
Acq: 25 Sep 2020 12:58

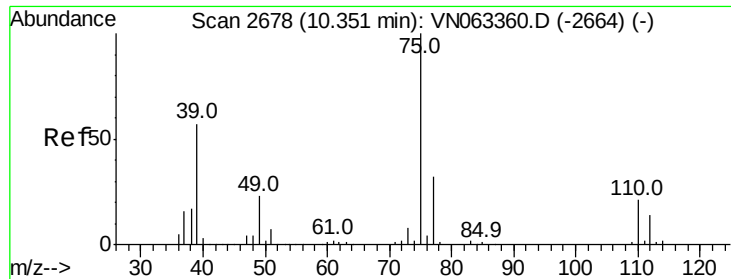
Tgt Ion: 92 Resp: 484654

Ion Ratio Lower Upper

92 100

91 175.0 139.7 209.5

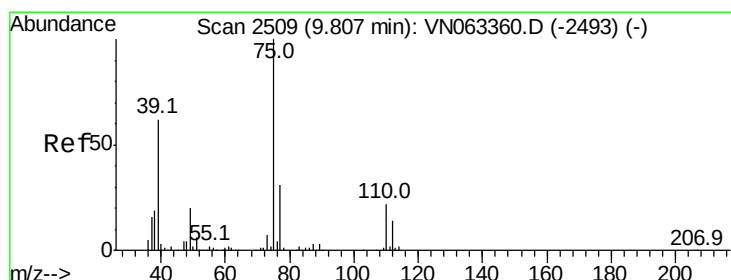
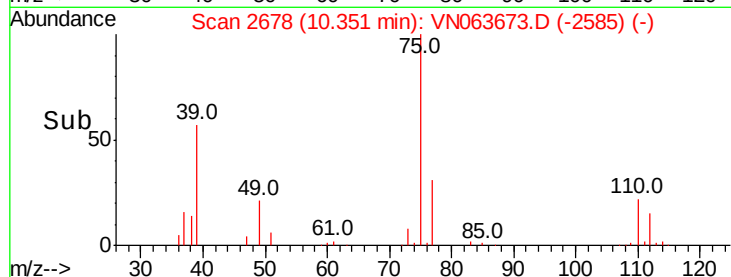
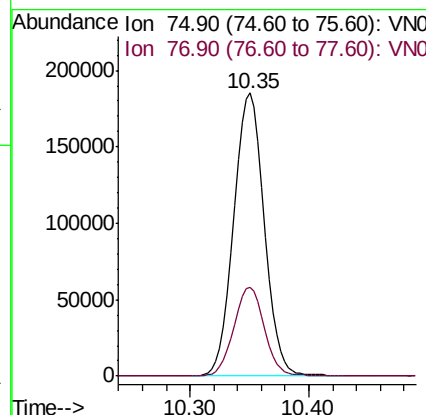
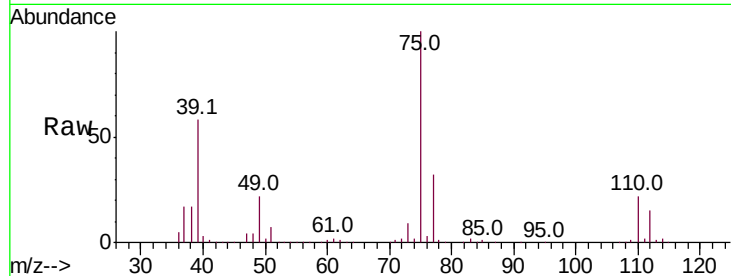




#53
 t-1,3-Dichloropropene
 Concen: 52.086 ug/l
 RT: 10.35 min Scan# 2678
 Delta R.T. -0.00 min
 Lab File: VN063673.D
 Acq: 25 Sep 2020 12:58

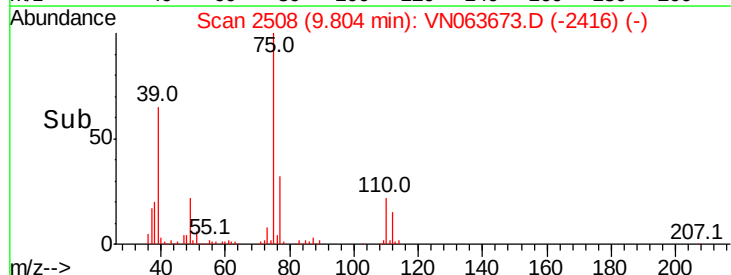
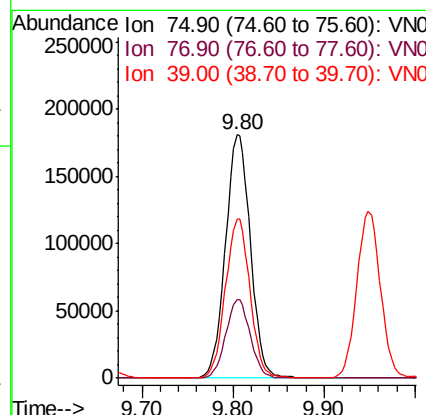
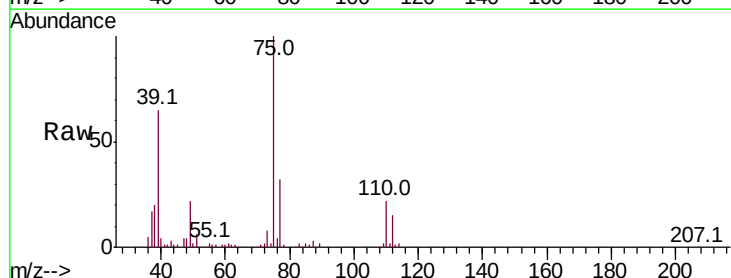
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

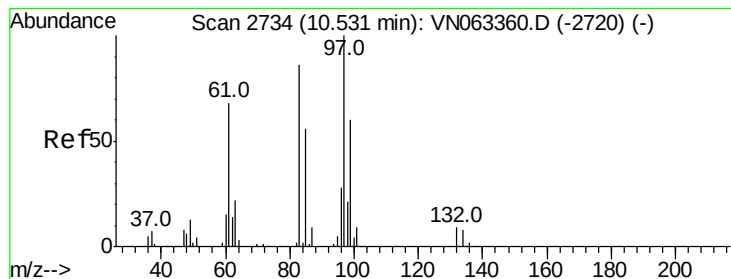
Tot Ion: 75 Resp: 330626
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 51.509 ug/l
 RT: 9.80 min Scan# 2508
 Delta R.T. -0.00 min
 Lab File: VN063673.D
 Acq: 25 Sep 2020 12:58

Tgt Ion: 75 Resp: 344877
 Ion Ratio Lower Upper
 75 100
 77 32.2 24.6 37.0
 39 65.2 49.8 74.8





#55

1,1,2-Trichloroethane

Concen: 52.147 ug/l

RT: 10.53 min Scan# 2734

Delta R.T. -0.00 min

Lab File: VN063673.D

Acq: 25 Sep 2020 12:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 190406

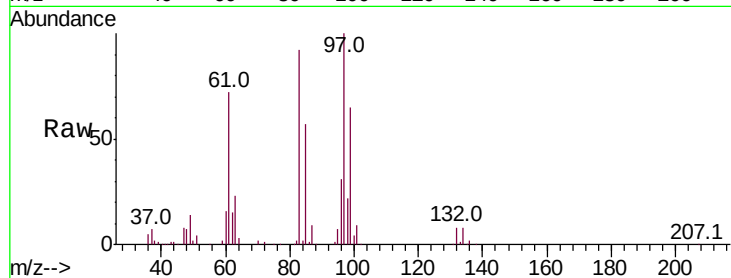
Ion Ratio Lower Upper

97 100

83 91.7 68.9 103.3

85 57.3 44.8 67.2

99 65.2 47.8 71.8

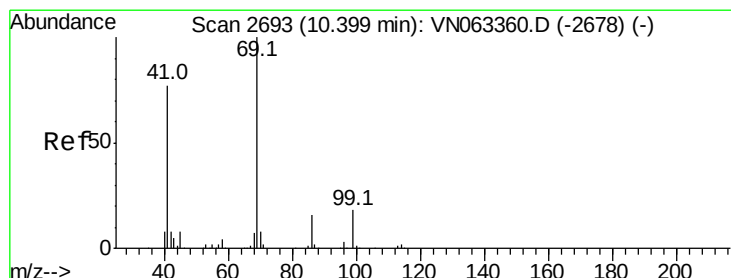
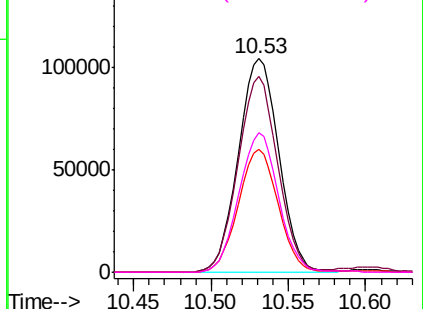
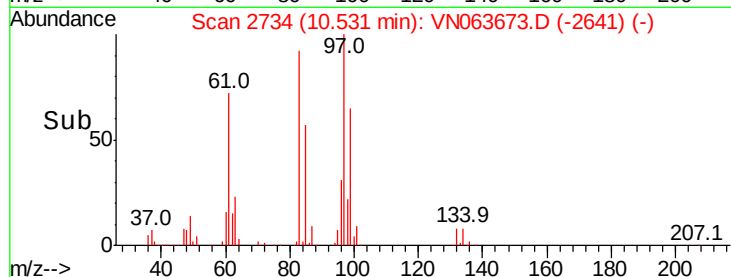


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 50.225 ug/l

RT: 10.40 min Scan# 2692

Delta R.T. -0.00 min

Lab File: VN063673.D

Acq: 25 Sep 2020 12:58

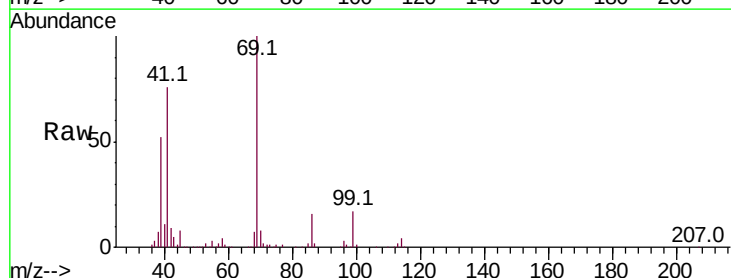
Tgt Ion: 69 Resp: 286291

Ion Ratio Lower Upper

69 100

41 75.4 61.0 91.6

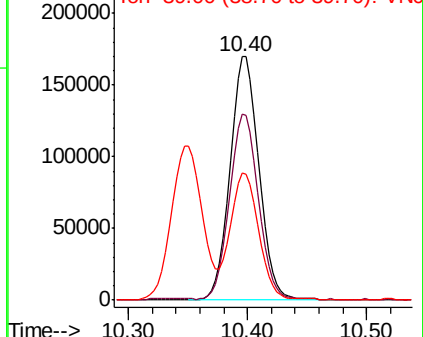
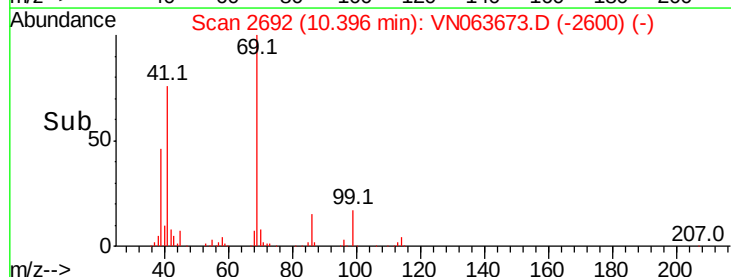
39 50.7 39.2 58.8

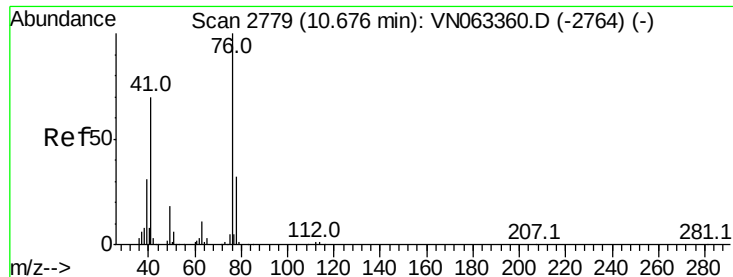


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 50.674 ug/l

RT: 10.68 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN063673.D

Acq: 25 Sep 2020 12:58

Instrument :

MSVOA_N

ClientSampleId :

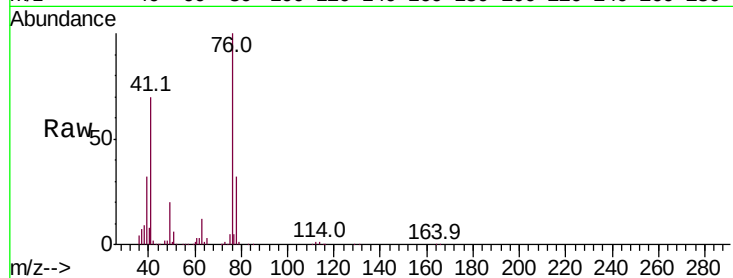
VSTDCCC050

Tot Ion: 76 Resp: 333661

Ion Ratio Lower Upper

76 100

78 31.7 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.68

200000

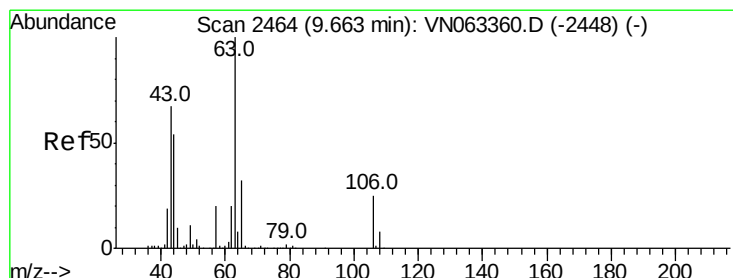
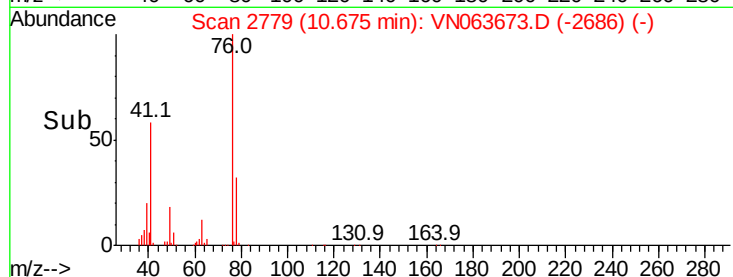
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 187.006 ug/l

RT: 9.66 min Scan# 2463

Delta R.T. -0.00 min

Lab File: VN063673.D

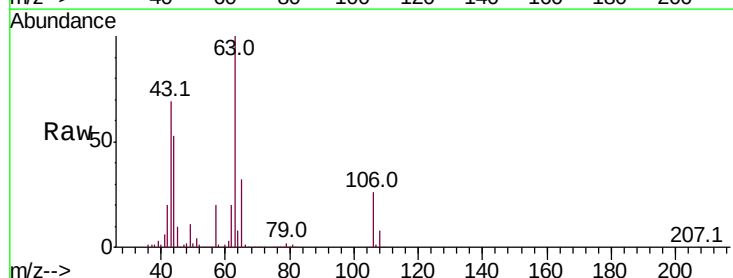
Acq: 25 Sep 2020 12:58

Tgt Ion: 63 Resp: 559180

Ion Ratio Lower Upper

63 100

106 25.3 19.5 29.3



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.66

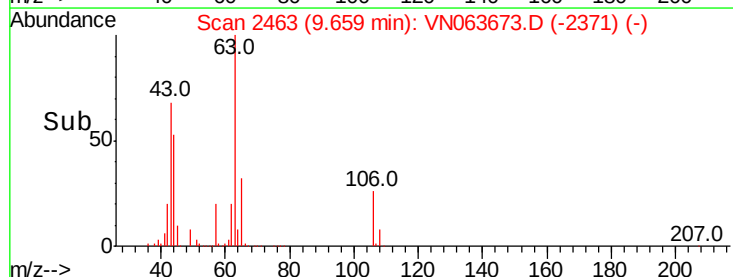
300000

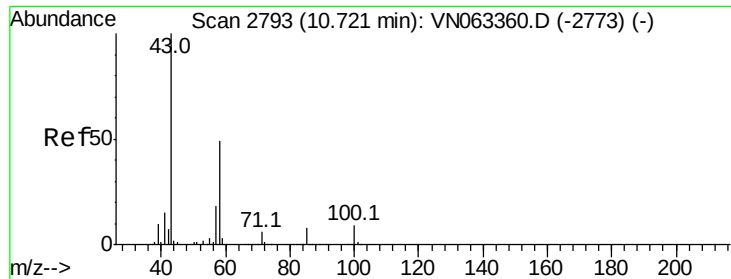
200000

100000

0

Time-->





#59

2-Hexanone

Concen: 249.890 ug/l

RT: 10.72 min Scan# 2793

Delta R.T. -0.00 min

Lab File: VN063673.D

Acq: 25 Sep 2020 12:58

Instrument :

MSVOA_N

ClientSampleId :

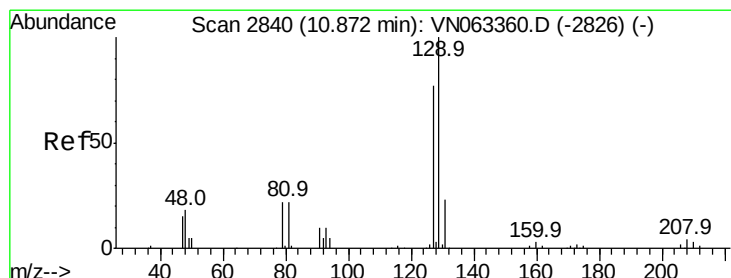
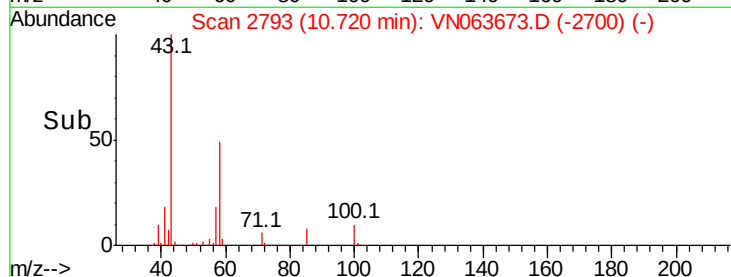
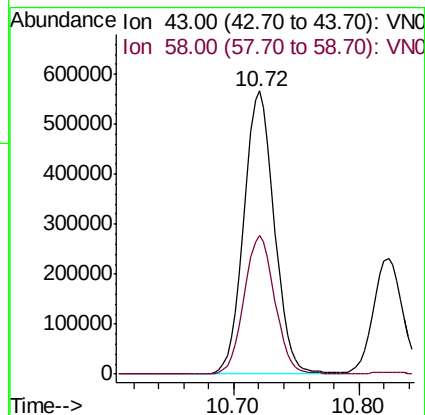
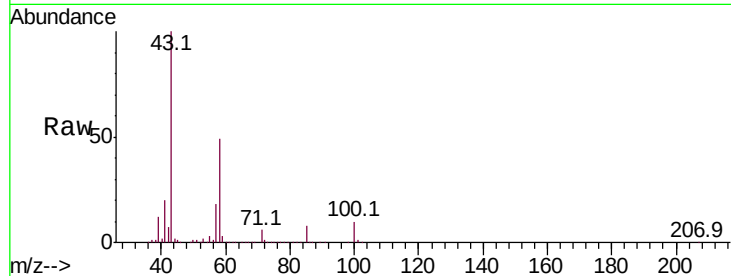
VSTDCCC050

Tot Ion: 43 Resp: 952653

Ion Ratio Lower Upper

43 100

58 49.5 24.7 74.1



#60

Dibromochloromethane

Concen: 53.202 ug/l

RT: 10.87 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VN063673.D

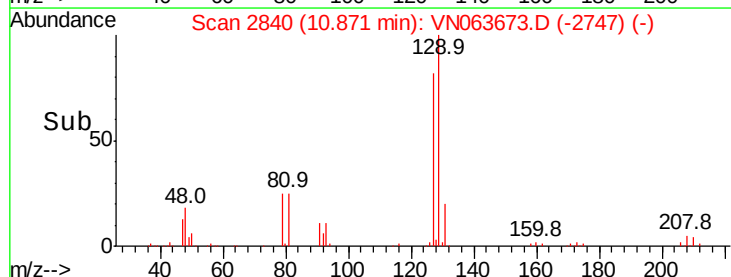
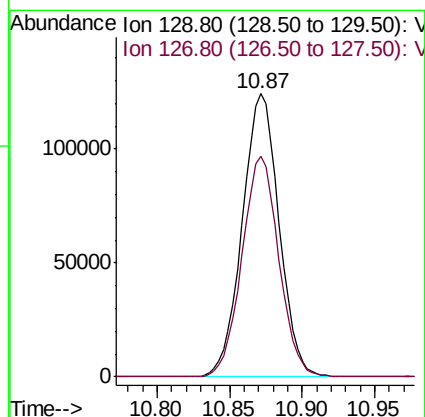
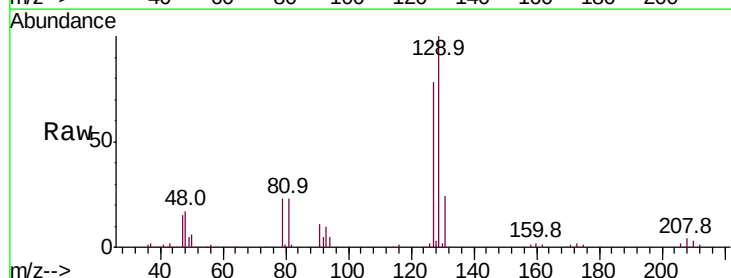
Acq: 25 Sep 2020 12:58

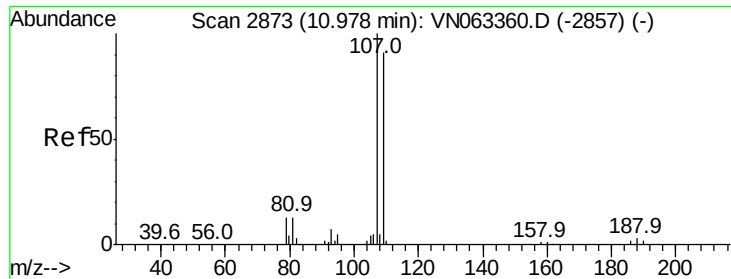
Tgt Ion: 129 Resp: 219458

Ion Ratio Lower Upper

129 100

127 78.2 39.1 117.3

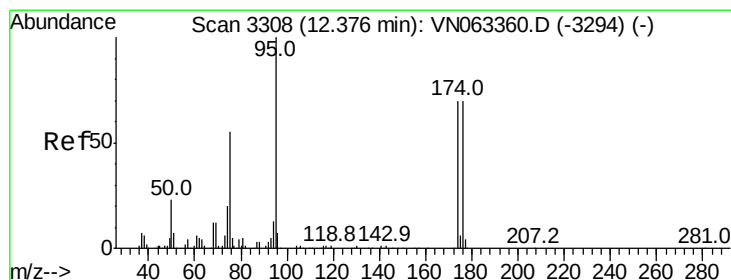
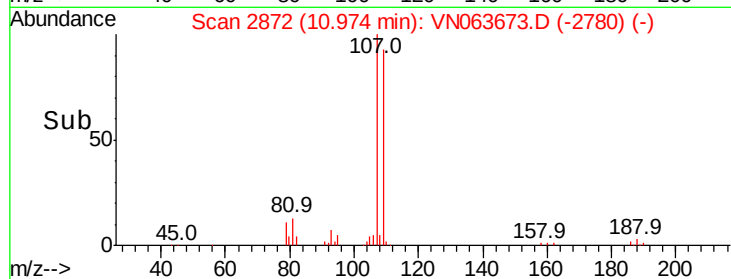
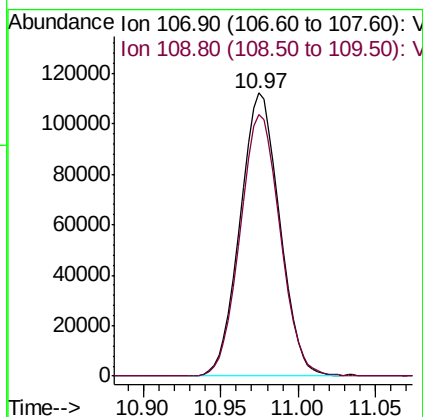
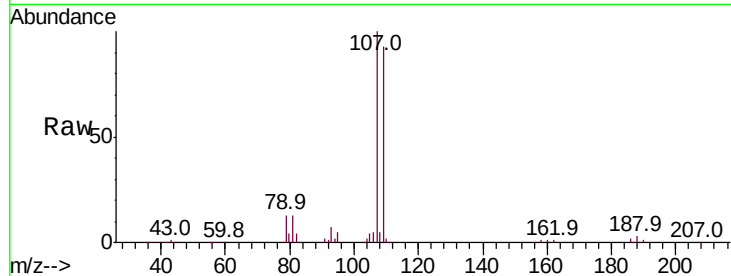




#61
 1,2-Dibromoethane
 Concen: 52.702 ug/l
 RT: 10.97 min Scan# 2872
 Delta R.T. -0.00 min
 Lab File: VN063673.D
 Acq: 25 Sep 2020 12:58

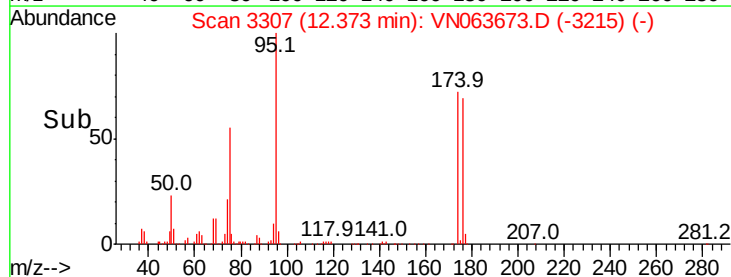
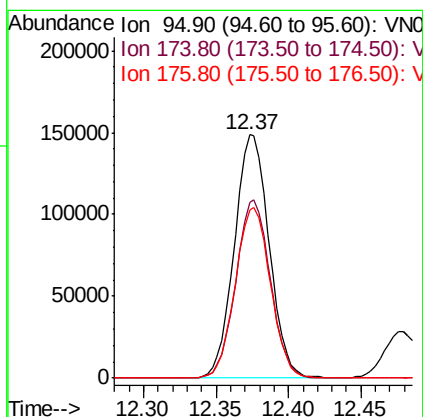
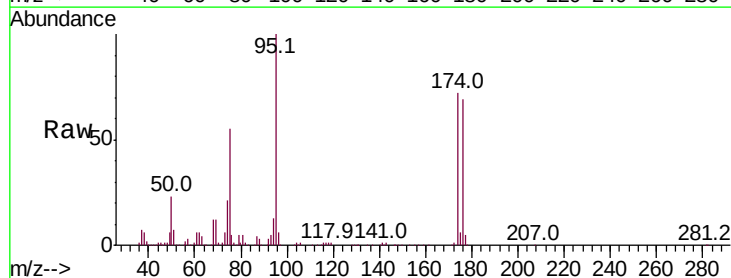
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

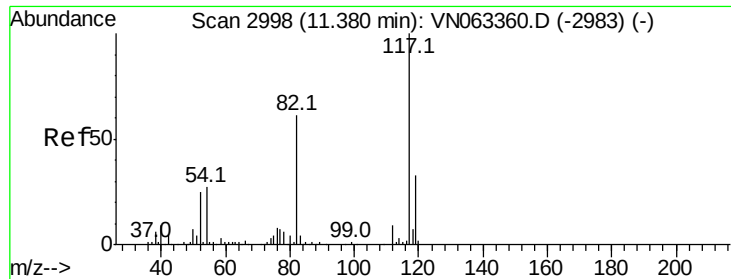
Tot Ion:107 Resp: 199923
 Ion Ratio Lower Upper
 107 100
 109 93.9 74.6 111.8



#62
 4-Bromofluorobenzene
 Concen: 51.691 ug/l
 RT: 12.37 min Scan# 3307
 Delta R.T. -0.00 min
 Lab File: VN063673.D
 Acq: 25 Sep 2020 12:58

Tgt Ion: 95 Resp: 247984
 Ion Ratio Lower Upper
 95 100
 174 72.6 0.0 140.8
 176 71.0 0.0 137.6

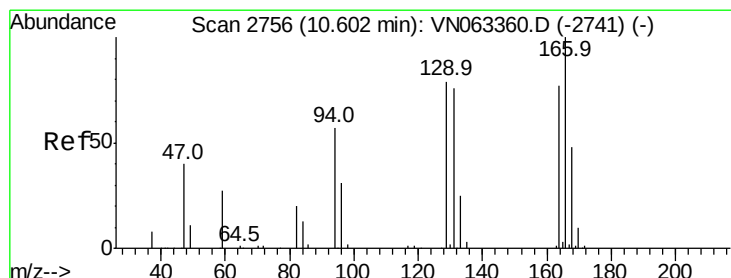
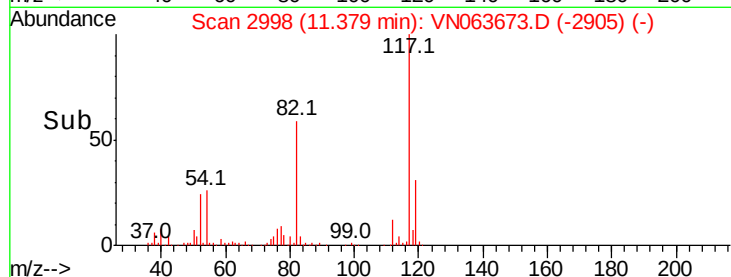
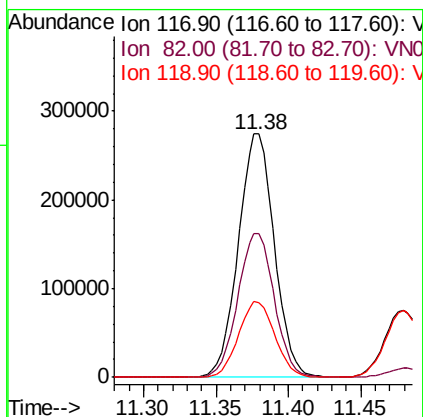
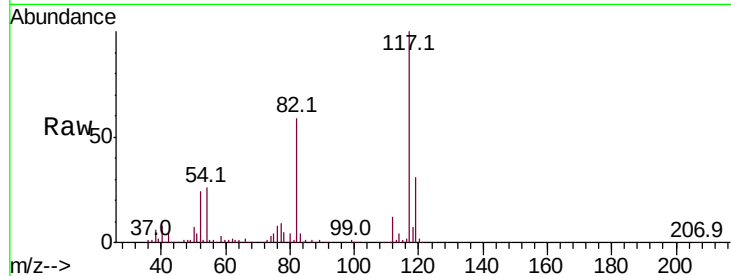




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063673.D
Acq: 25 Sep 2020 12:58

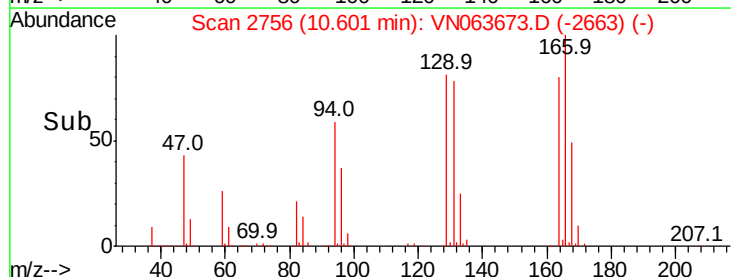
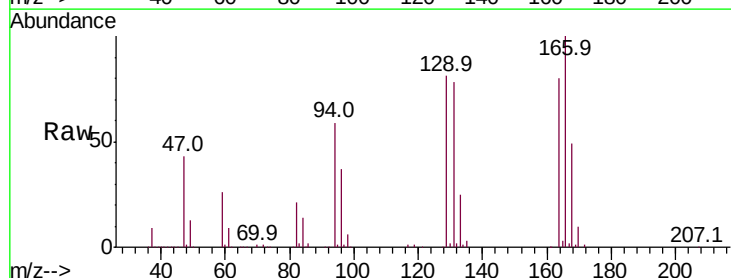
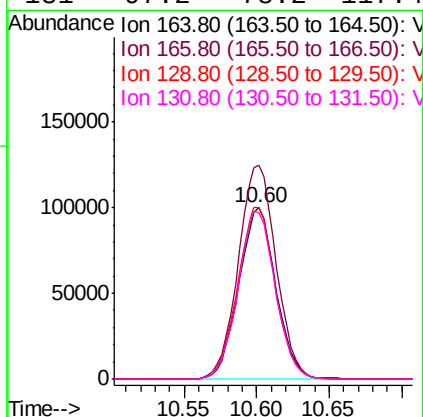
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

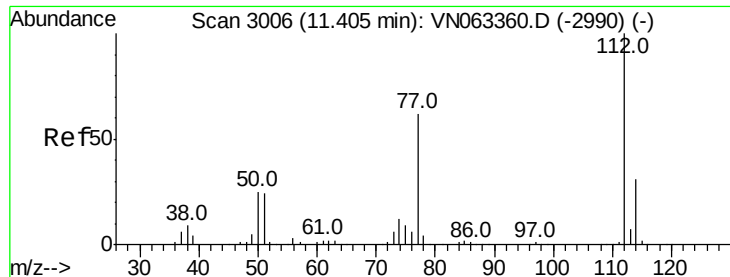
Tot Ion:117 Resp: 473205
Ion Ratio Lower Upper
117 100
82 59.0 49.2 73.8
119 30.8 26.2 39.4



#64
Tetrachloroethene
Concen: 55.130 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN063673.D
Acq: 25 Sep 2020 12:58

Tgt Ion:164 Resp: 177638
Ion Ratio Lower Upper
164 100
166 124.6 103.4 155.0
129 100.4 81.8 122.6
131 97.2 78.2 117.4

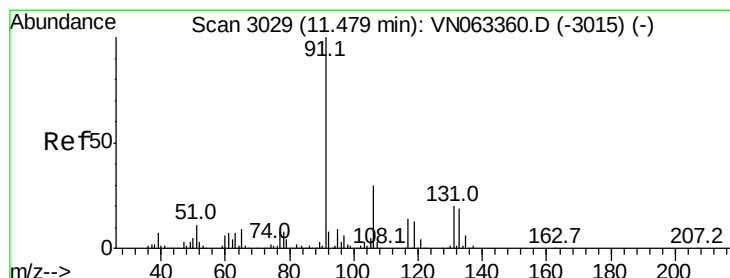
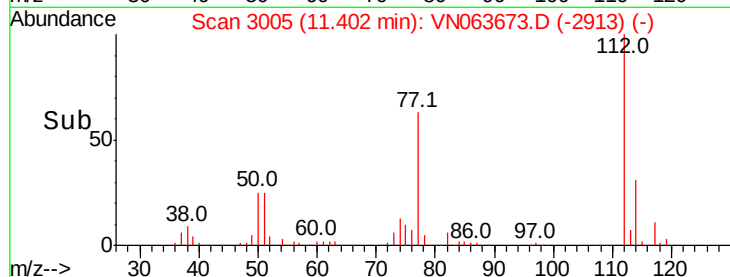
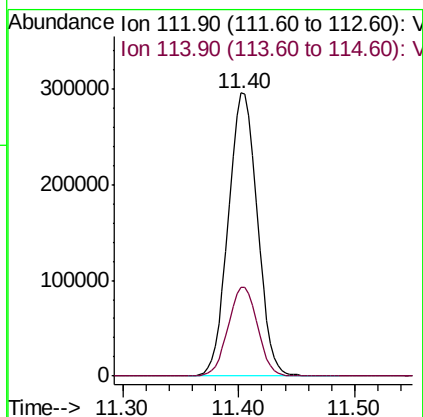
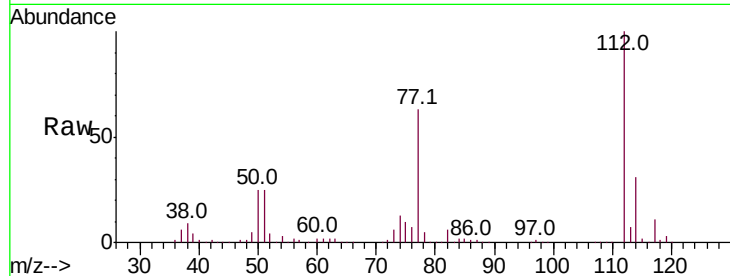




#65
Chlorobenzene
Concen: 51.010 ug/l
RT: 11.40 min Scan# 3005
Delta R.T. -0.00 min
Lab File: VN063673.D
Acq: 25 Sep 2020 12:58

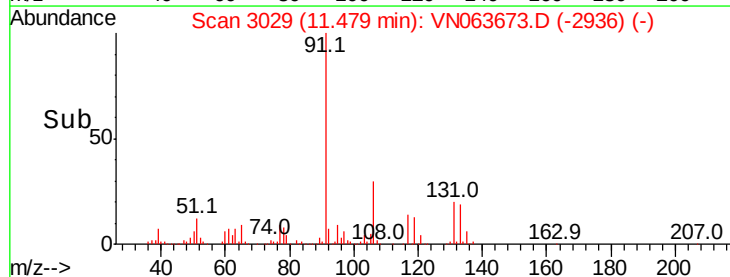
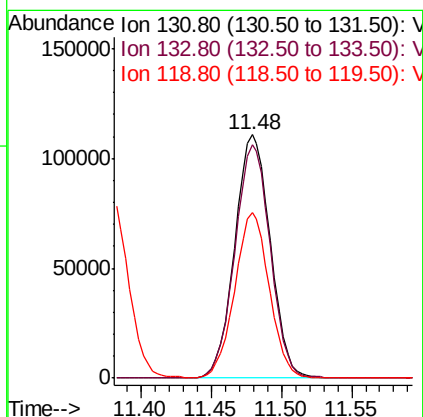
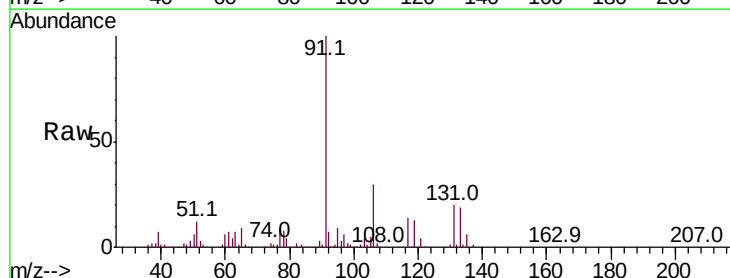
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

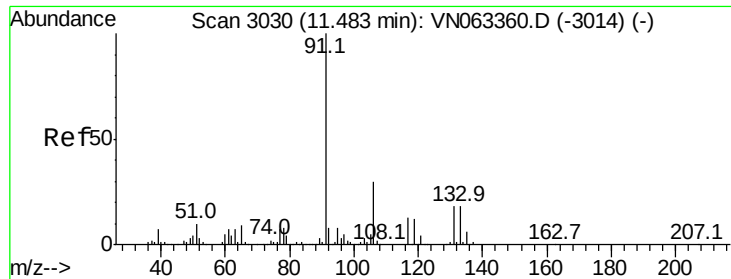
Tot Ion:112 Resp: 512386
Ion Ratio Lower Upper
112 100
114 31.3 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 53.141 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN063673.D
Acq: 25 Sep 2020 12:58

Tgt Ion:131 Resp: 195669
Ion Ratio Lower Upper
131 100
133 95.5 47.3 141.9
119 66.4 33.6 100.8





#67

Ethyl Benzene

Concen: 51.178 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. -0.00 min

Lab File: VN063673.D

Acq: 25 Sep 2020 12:58

Instrument :

MSVOA_N

ClientSampleId :

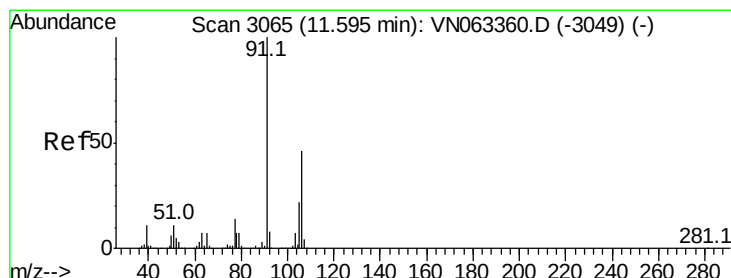
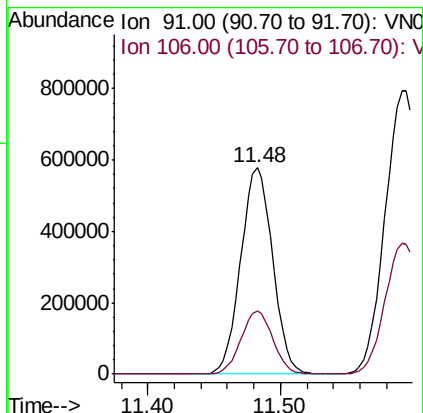
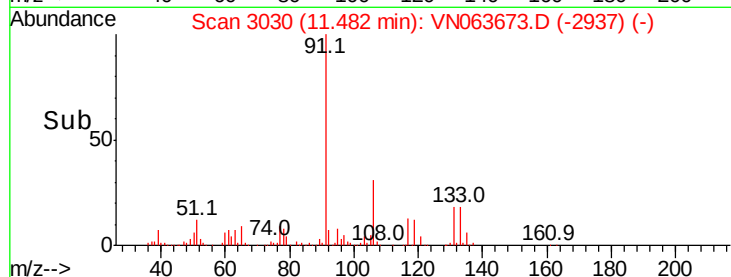
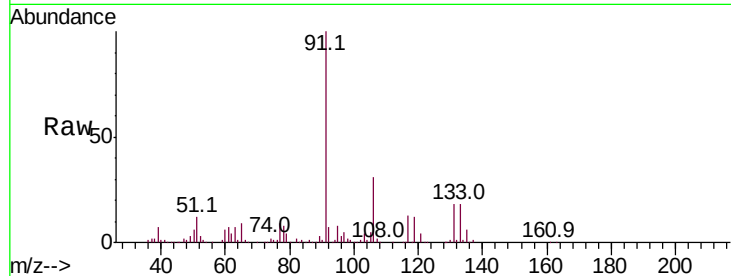
VSTDCCC050

Tot Ion: 91 Resp: 968096

Ion Ratio Lower Upper

91 100

106 30.8 23.8 35.6



#68

m/p-Xylenes

Concen: 104.863 ug/l

RT: 11.59 min Scan# 3064

Delta R.T. -0.00 min

Lab File: VN063673.D

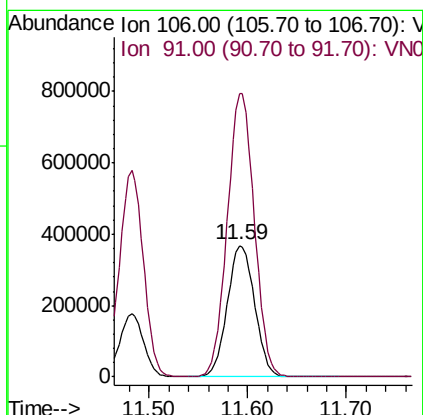
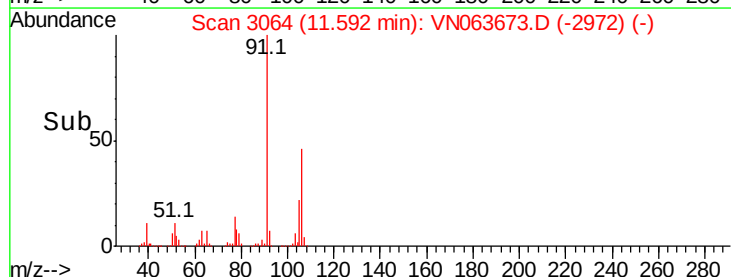
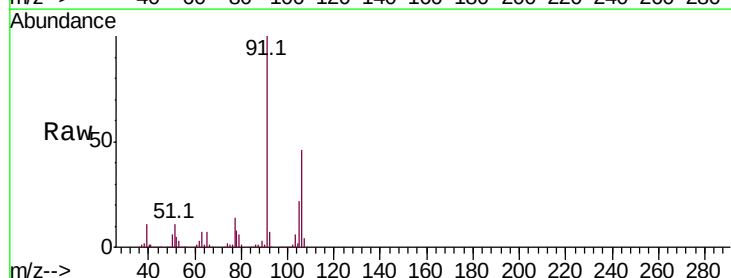
Acq: 25 Sep 2020 12:58

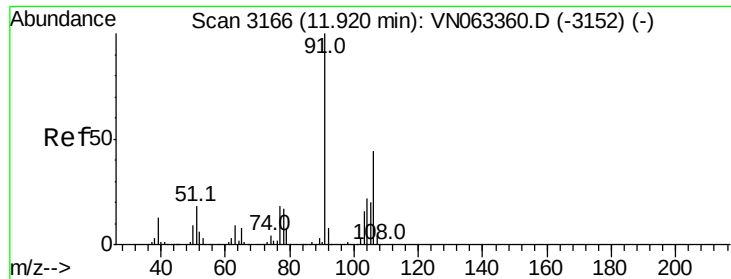
Tgt Ion: 106 Resp: 715196

Ion Ratio Lower Upper

106 100

91 213.0 171.2 256.8

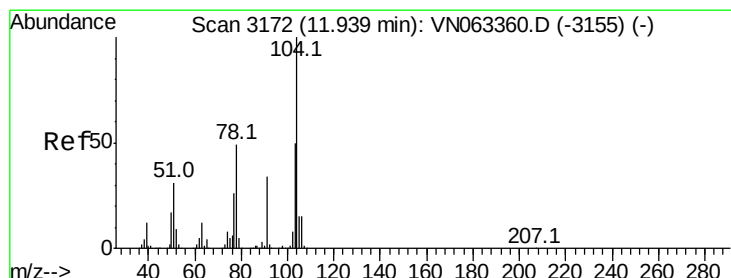
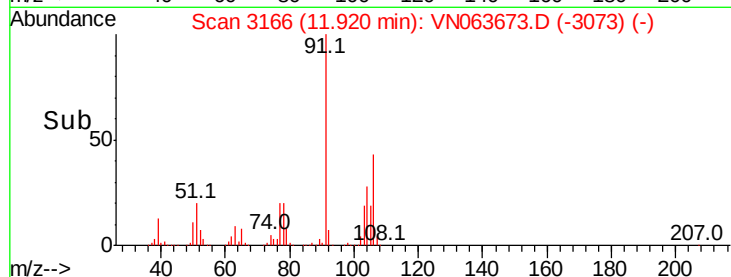
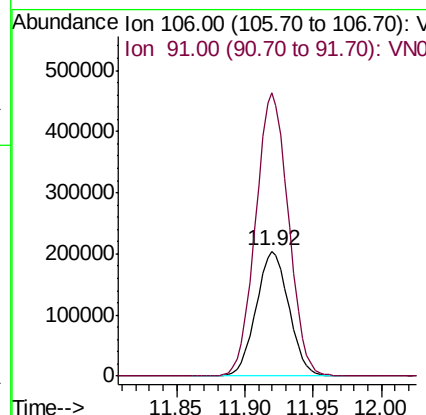
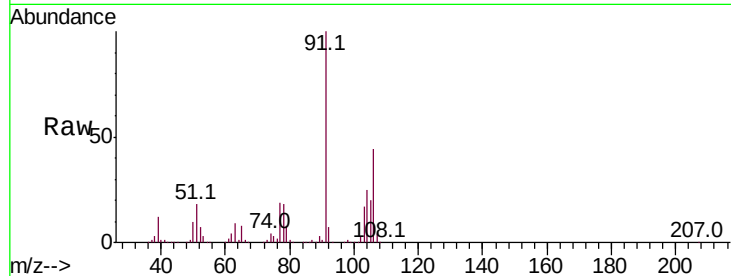




#69
o-Xylene
Concen: 52.273 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN063673.D
Acq: 25 Sep 2020 12:58

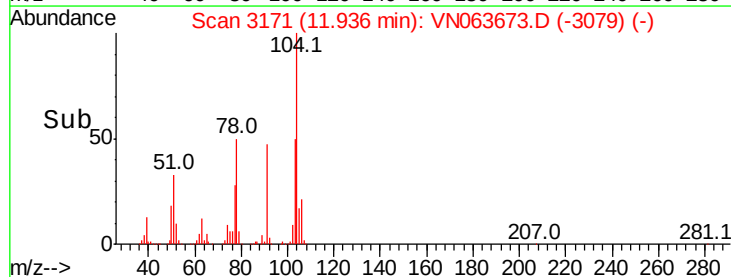
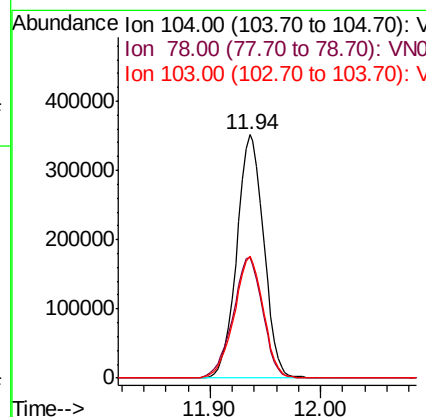
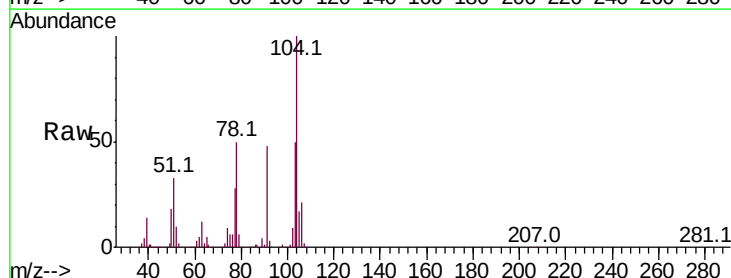
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

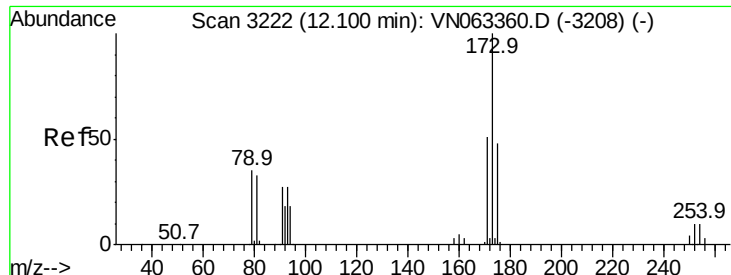
Tot Ion:106 Resp: 339622
Ion Ratio Lower Upper
106 100
91 228.4 113.6 340.8



#70
Styrene
Concen: 54.758 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN063673.D
Acq: 25 Sep 2020 12:58

Tgt Ion:104 Resp: 596615
Ion Ratio Lower Upper
104 100
78 54.6 44.4 66.6
103 53.9 43.7 65.5





#71

Bromoform

Concen: 53.231 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. -0.00 min

Lab File: VN063673.D

Acq: 25 Sep 2020 12:58

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

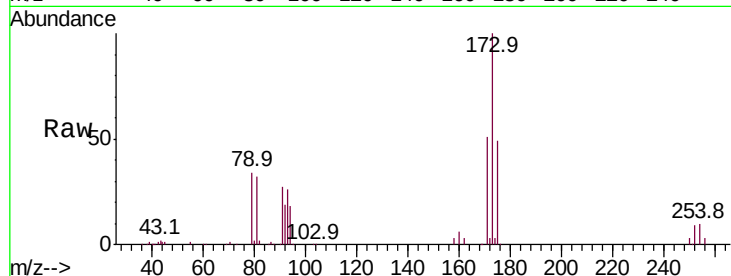
Tot Ion:173 Resp: 146014

Ion Ratio Lower Upper

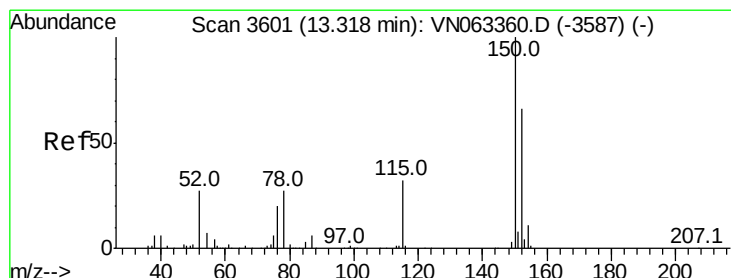
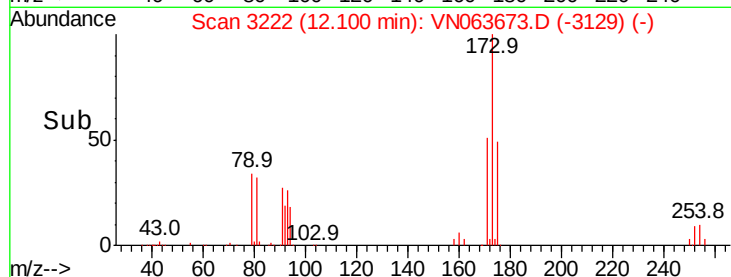
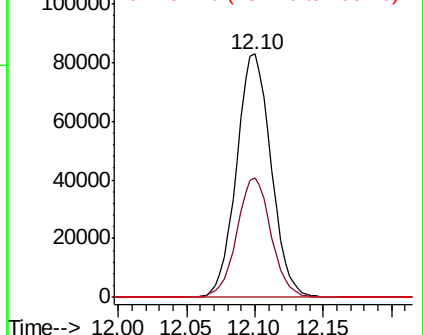
173 100

175 48.4 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: VN063673.D

Acq: 25 Sep 2020 12:58

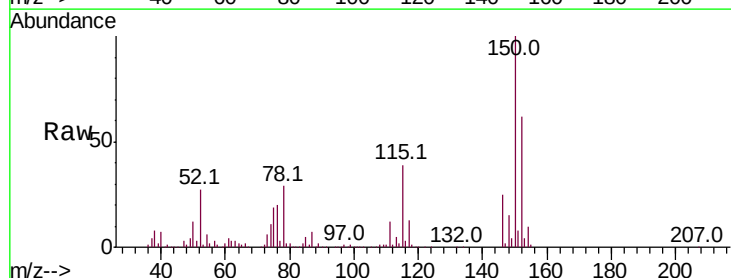
Tgt Ion:152 Resp: 237329

Ion Ratio Lower Upper

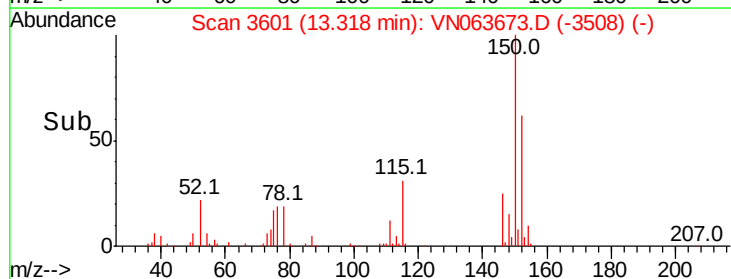
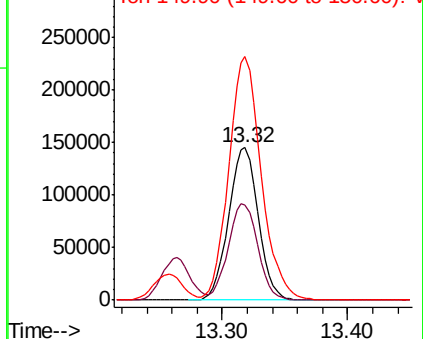
152 100

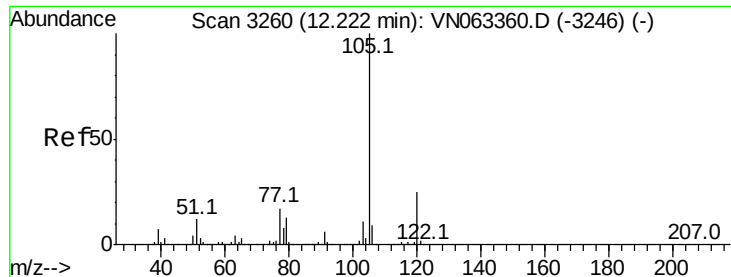
115 63.9 32.2 96.6

150 174.2 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: 49.180 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN063673.D

Acq: 25 Sep 2020 12:58

Instrument :

MSVOA_N

ClientSampleId :

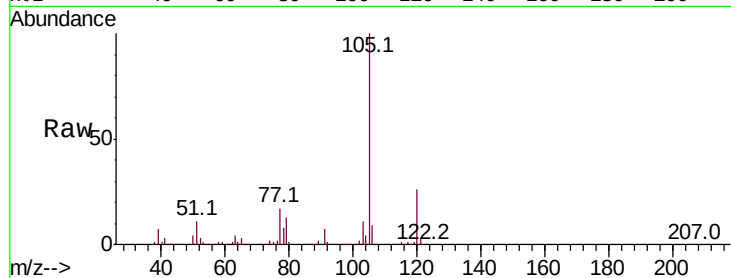
VSTDCCC050

Tot Ion:105 Resp: 935311

Ion Ratio Lower Upper

105 100

120 25.1 12.7 38.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.22

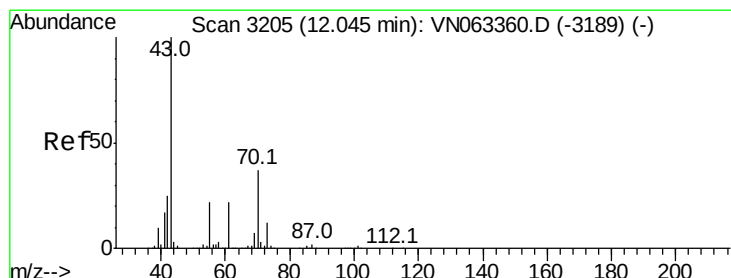
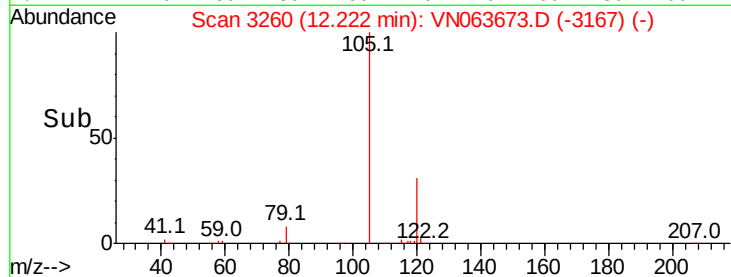
600000

400000

200000

0

Time-->



#74

N-ethyl acetate

Concen: 46.059 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VN063673.D

Acq: 25 Sep 2020 12:58

Tgt Ion: 43 Resp: 414654

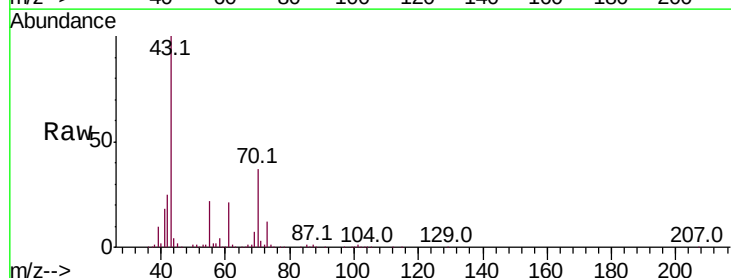
Ion Ratio Lower Upper

43 100

70 36.7 29.6 44.4

55 22.4 17.7 26.5

61 21.5 17.4 26.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

400000

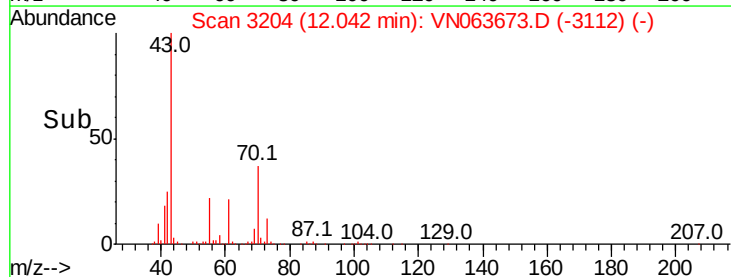
300000

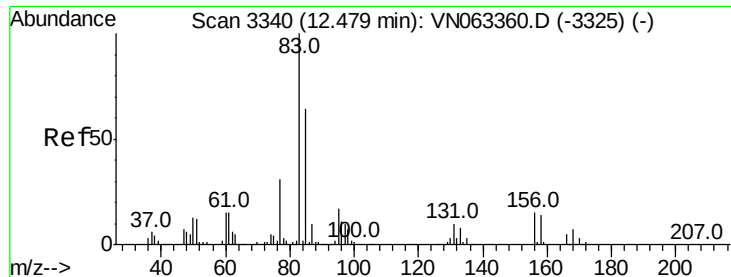
200000

100000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 46.204 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN063673.D

Acq: 25 Sep 2020 12:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

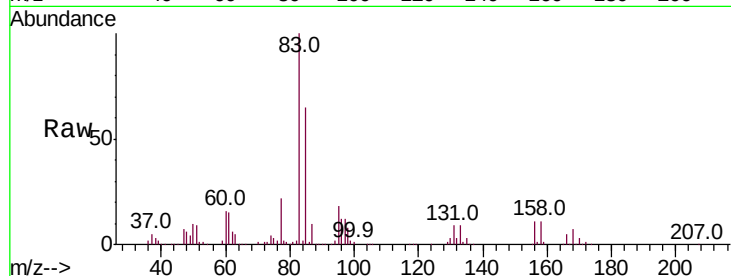
Tot Ion: 83 Resp: 272077

Ion Ratio Lower Upper

83 100

131 9.5 4.9 14.7

85 63.9 32.0 96.0



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

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

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

12.48

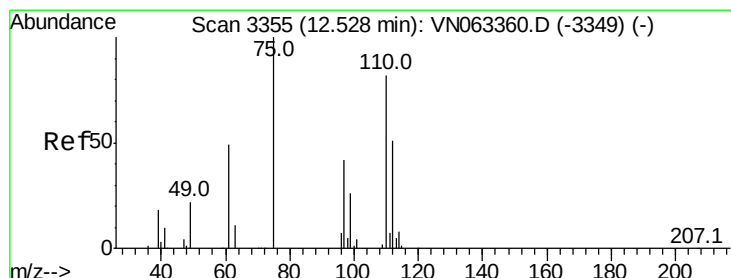
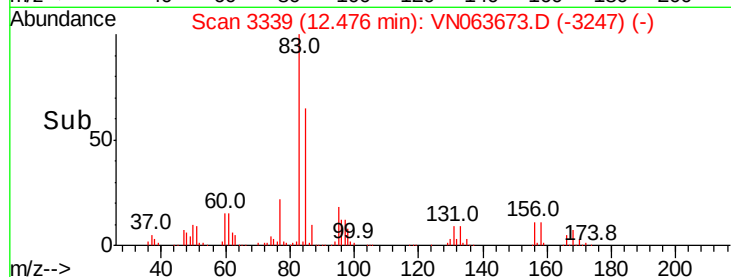
150000

100000

50000

0

Time--> 12.40 12.45 12.50



#76

1,2,3-Trichloropropane

Concen: 64.496 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. -0.00 min

Lab File: VN063673.D

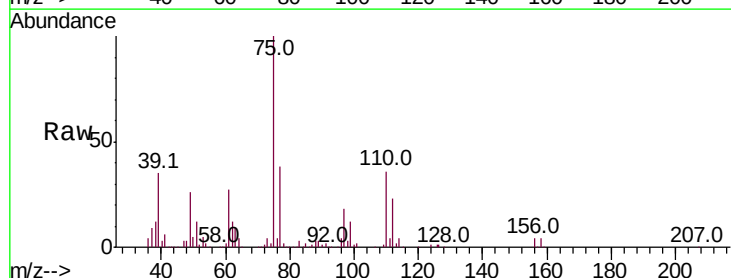
Acq: 25 Sep 2020 12:58

Tgt Ion: 75 Resp: 378865

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



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

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

250000

200000

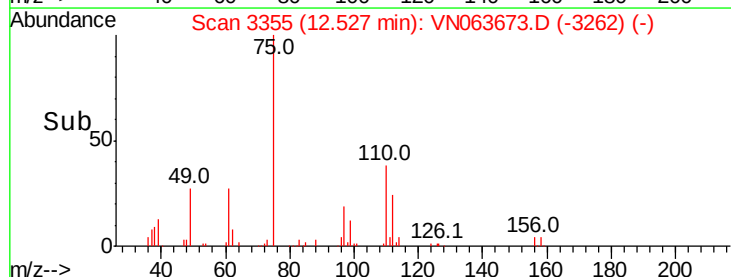
150000

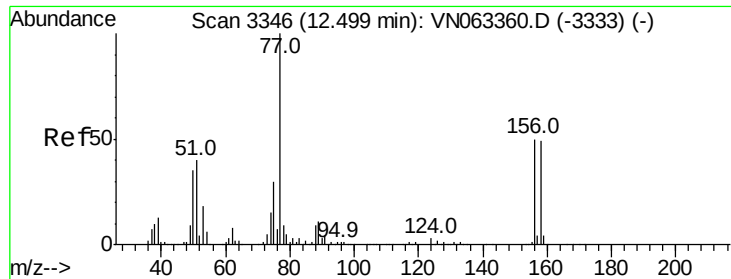
100000

50000

0

Time--> 12.40 12.50 12.60





#77

Bromobenzene

Concen: 51.475 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN063673.D

Acq: 25 Sep 2020 12:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

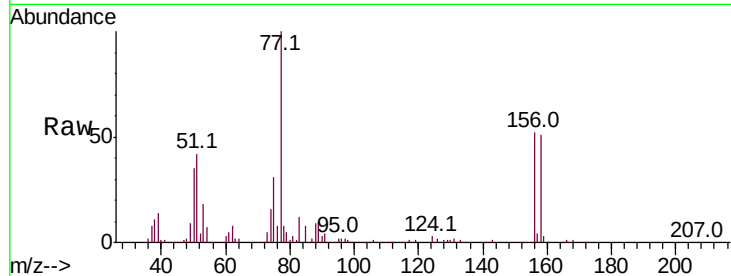
Tot Ion:156 Resp: 220212

Ion Ratio Lower Upper

156 100

77 227.8 120.2 360.6

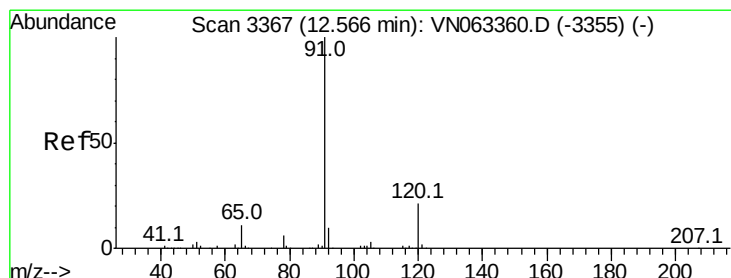
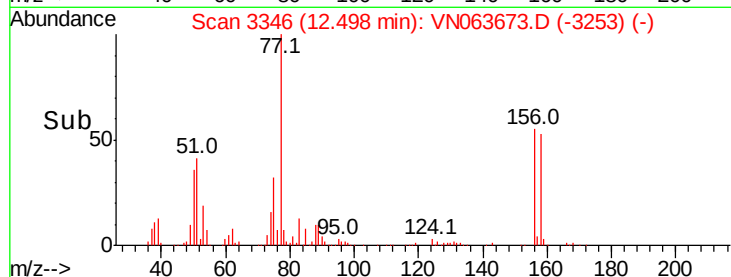
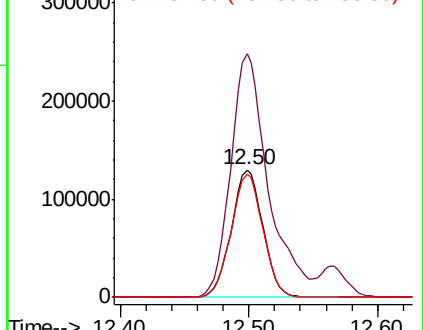
158 97.2 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.036 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063673.D

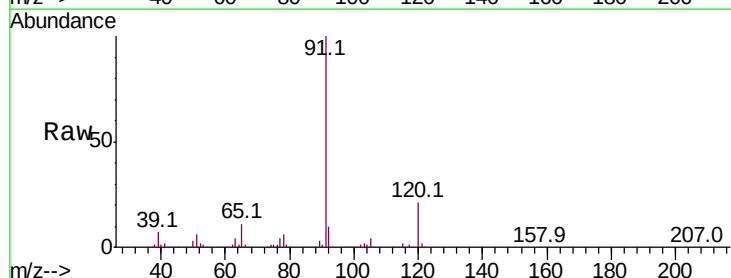
Acq: 25 Sep 2020 12:58

Tgt Ion: 91 Resp: 1108334

Ion Ratio Lower Upper

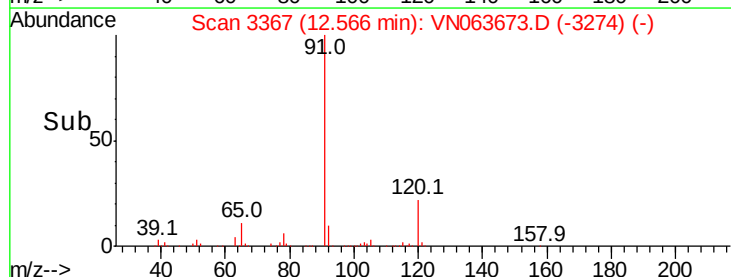
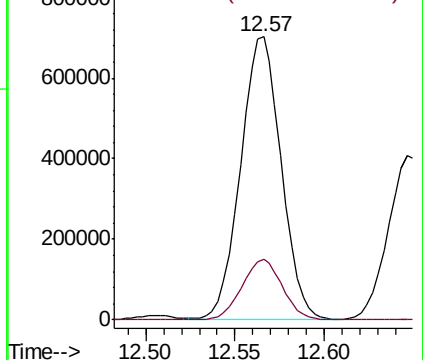
91 100

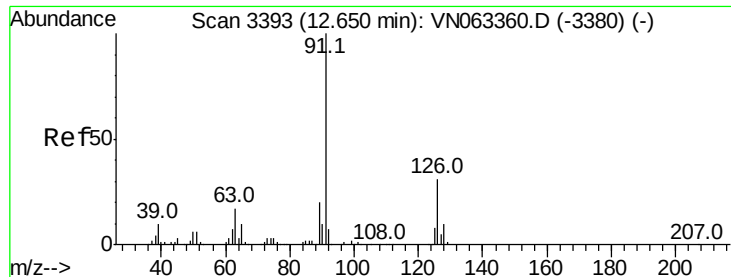
120 21.4 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.960 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN063673.D

Acq: 25 Sep 2020 12:58

Instrument :

MSVOA_N

ClientSampleId :

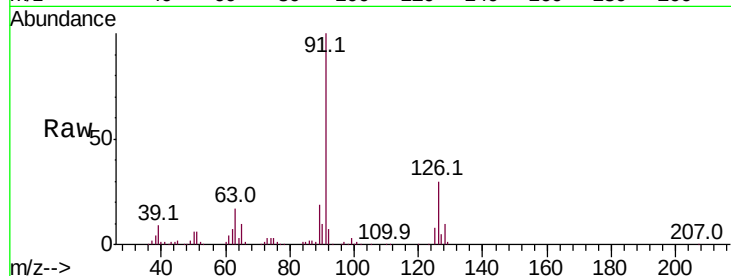
VSTDCCC050

Tot Ion: 91 Resp: 663391

Ion Ratio Lower Upper

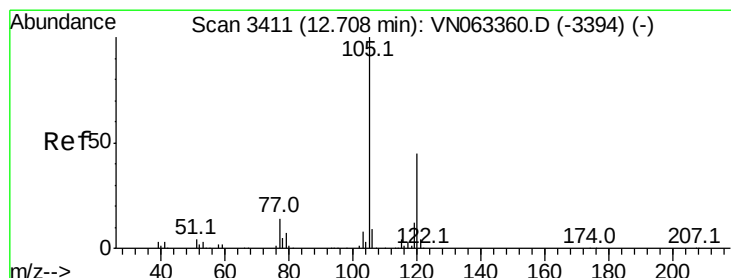
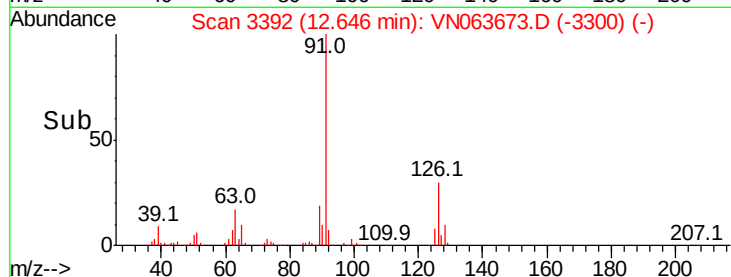
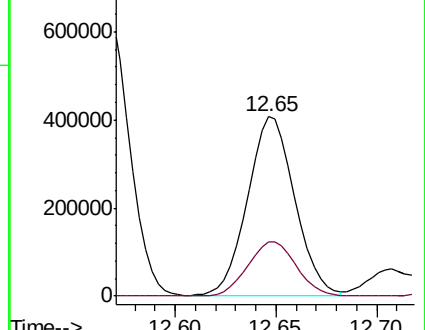
91 100

126 31.7 15.8 47.3



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

Ion 125.90 (125.60 to 126.60): VN063360.D (-3380) (-)



#80

1,3,5-Trimethylbenzene

Concen: 50.675 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN063673.D

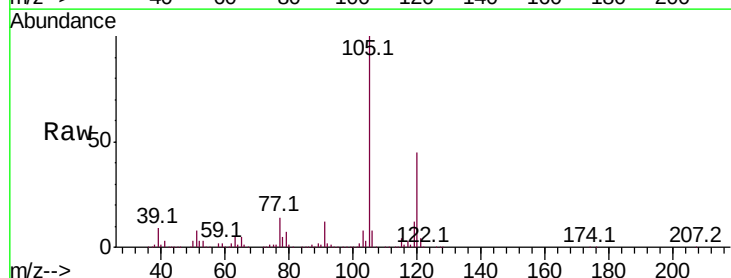
Acq: 25 Sep 2020 12:58

Tgt Ion:105 Resp: 803634

Ion Ratio Lower Upper

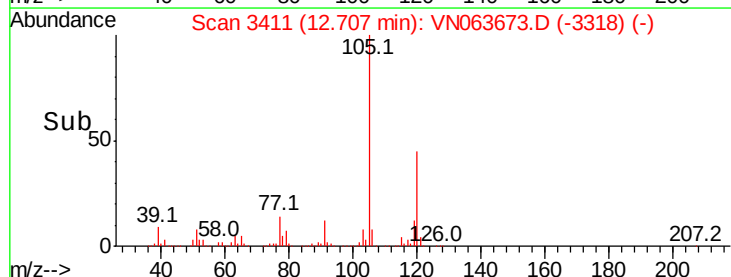
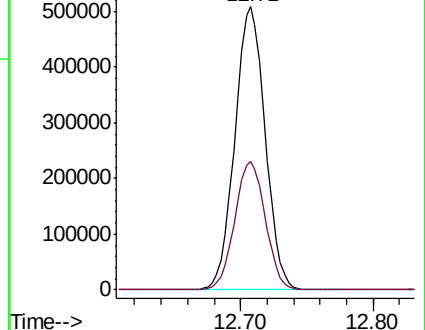
105 100

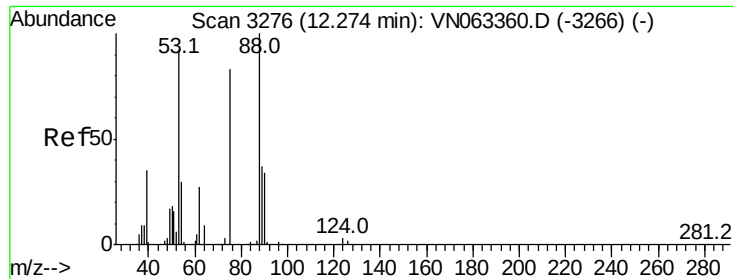
120 45.8 22.9 68.8



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

Ion 120.00 (119.70 to 120.70): VN063360.D (-3394) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 44.627 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. -0.00 min

Lab File: VN063673.D

Acq: 25 Sep 2020 12:58

Instrument :

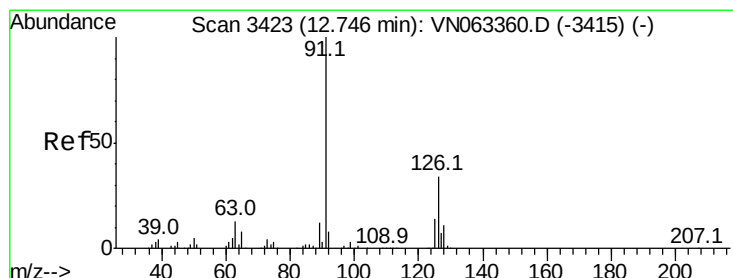
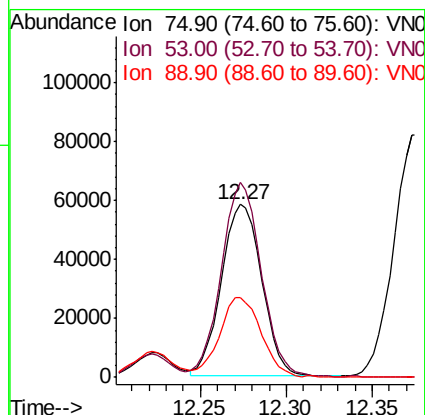
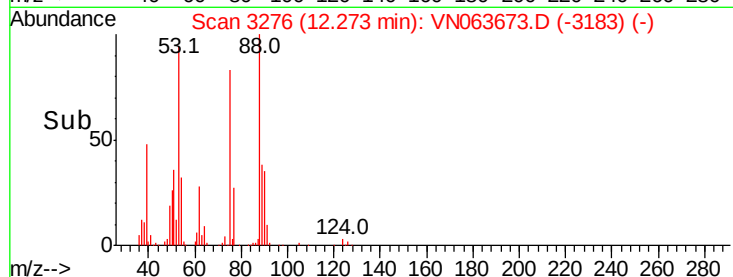
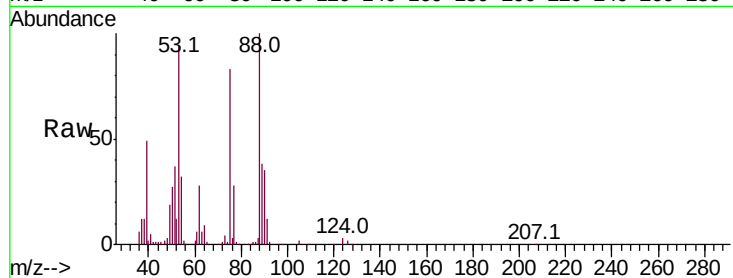
MSVOA_N

ClientSampled :

VSTDCCC050

Tot Ion: 75 Resp: 95618

Ion	Ratio	Lower	Upper
75	100		
53	112.1	85.7	128.5
89	48.4	38.0	57.0



#82

4-Chlorotoluene

Concen: 50.909 ug/l

RT: 12.75 min Scan# 3423

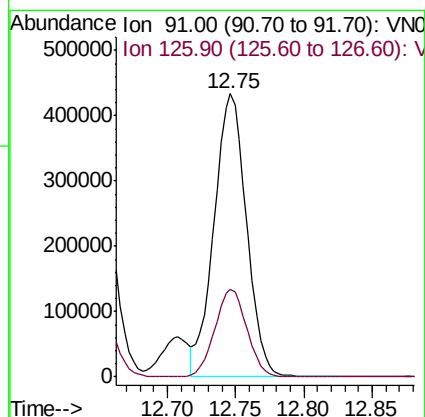
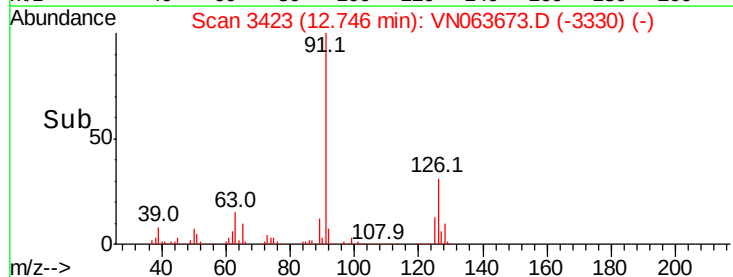
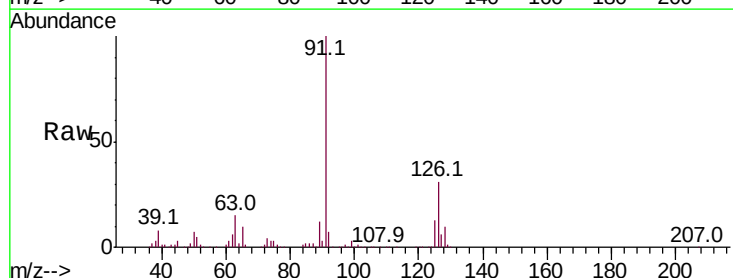
Delta R.T. -0.00 min

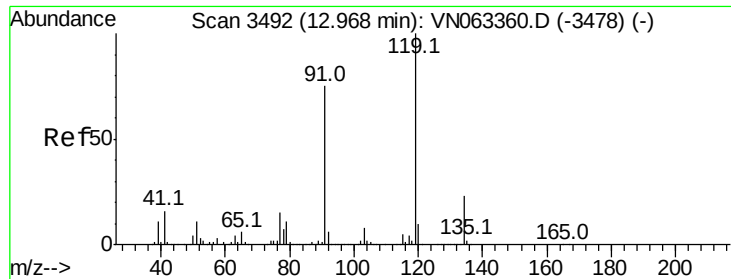
Lab File: VN063673.D

Acq: 25 Sep 2020 12:58

Tgt Ion: 91 Resp: 714228

Ion	Ratio	Lower	Upper
91	100		
126	30.5	15.5	46.5

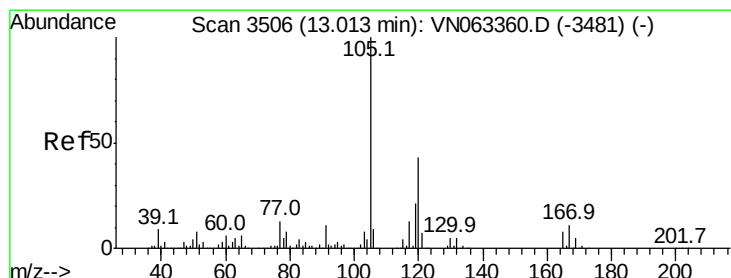
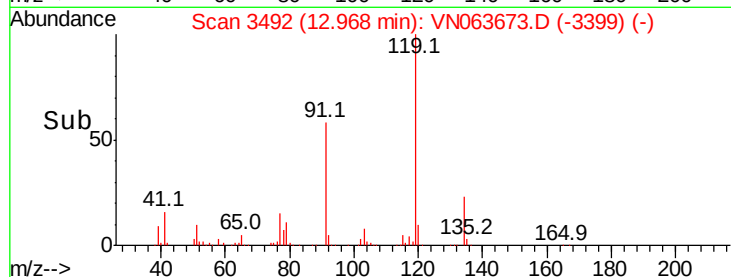
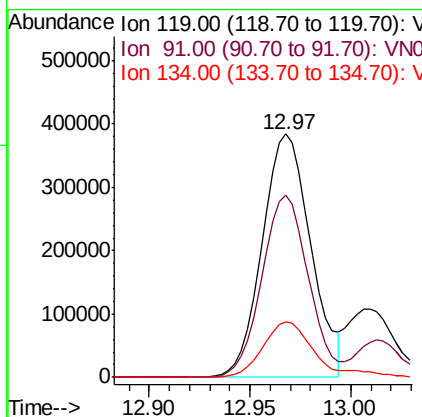
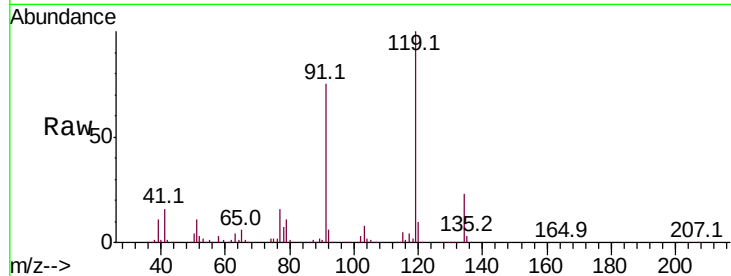




#83
 tert-Butylbenzene
 Concen: 49.263 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. -0.00 min
 Lab File: VN063673.D
 Acq: 25 Sep 2020 12:58

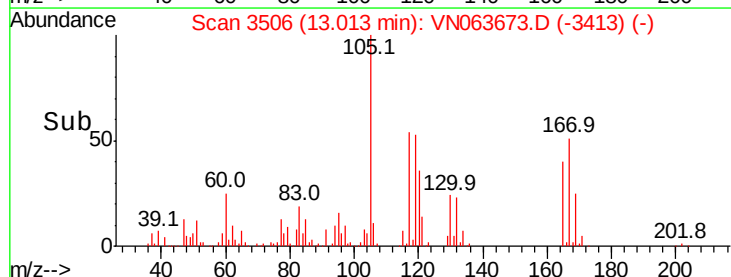
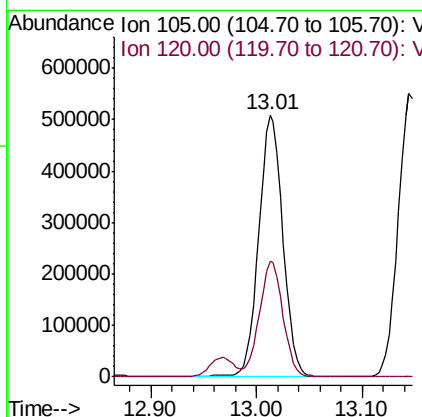
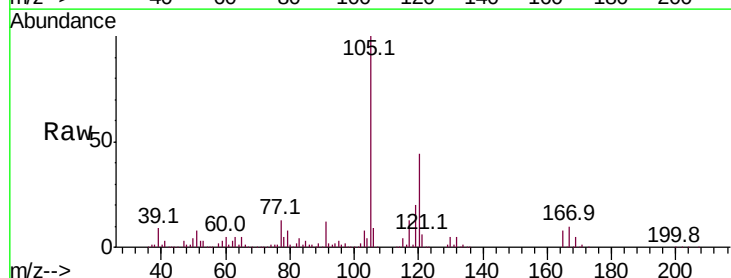
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

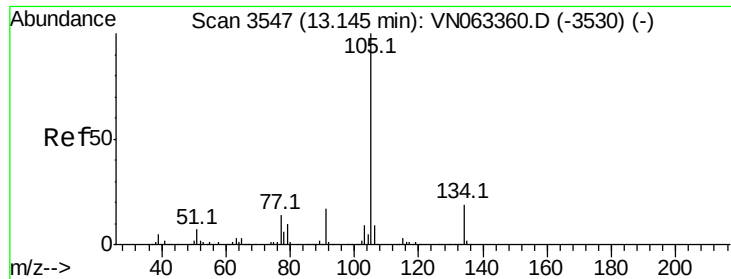
Tot Ion:119 Resp: 644800
 Ion Ratio Lower Upper
 119 100
 91 71.9 36.3 108.9
 134 24.5 12.3 36.8



#84
 1,2,4-Trimethylbenzene
 Concen: 50.714 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. -0.00 min
 Lab File: VN063673.D
 Acq: 25 Sep 2020 12:58

Tgt Ion:105 Resp: 812372
 Ion Ratio Lower Upper
 105 100
 120 43.3 21.3 63.9





#85

sec-Butylbenzene

Concen: 49.792 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN063673.D

Acq: 25 Sep 2020 12:58

Instrument :

MSVOA_N

ClientSampleId :

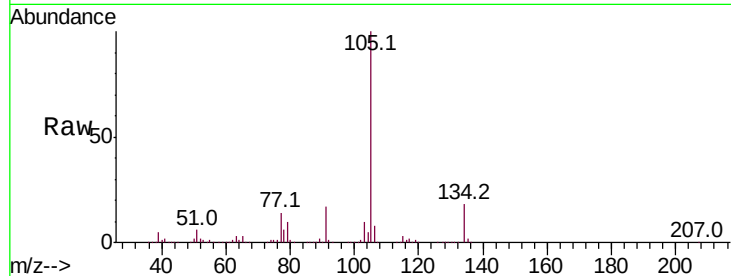
VSTDCCC050

Tot Ion:105 Resp: 872365

Ion Ratio Lower Upper

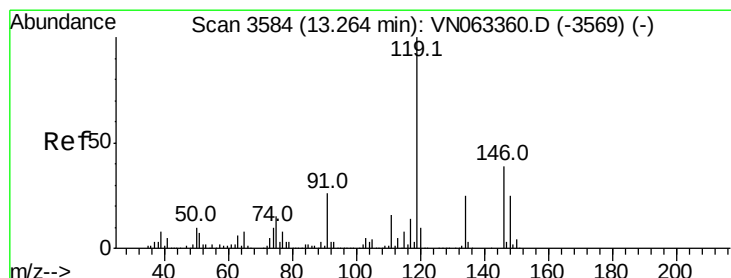
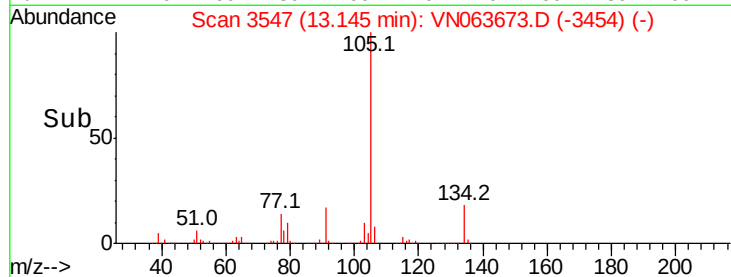
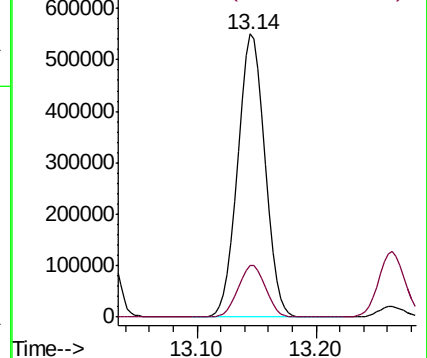
105 100

134 18.6 9.3 27.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.658 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. -0.00 min

Lab File: VN063673.D

Acq: 25 Sep 2020 12:58

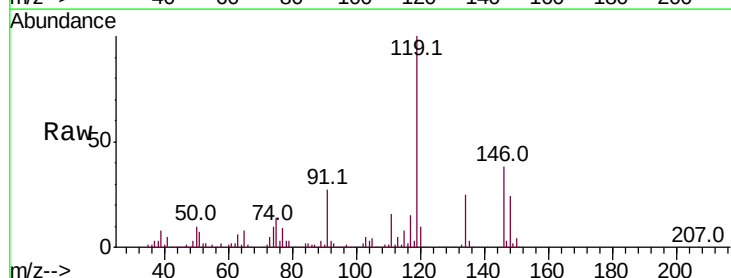
Tgt Ion:119 Resp: 782827

Ion Ratio Lower Upper

119 100

134 25.1 12.5 37.5

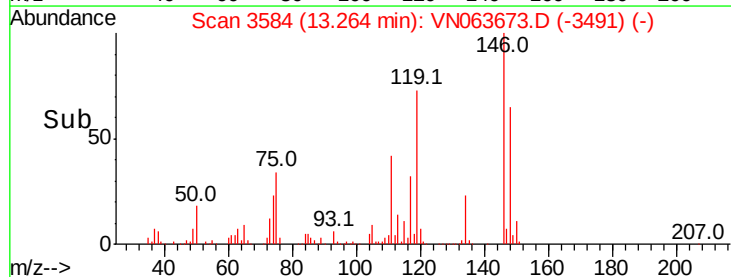
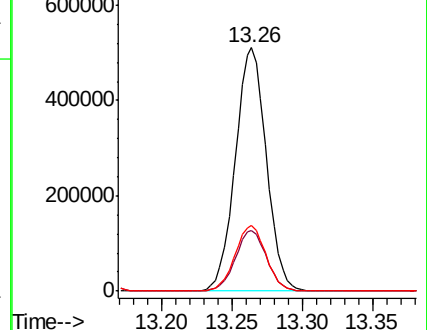
91 27.0 13.4 40.1

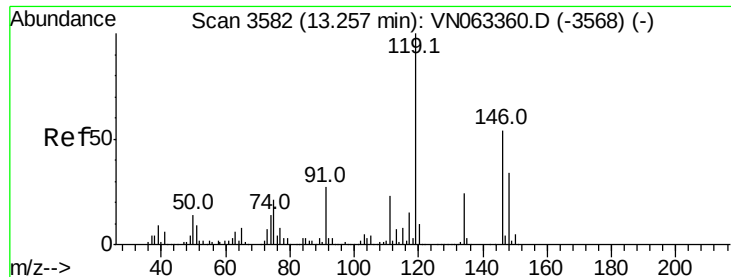


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 51.105 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. -0.00 min

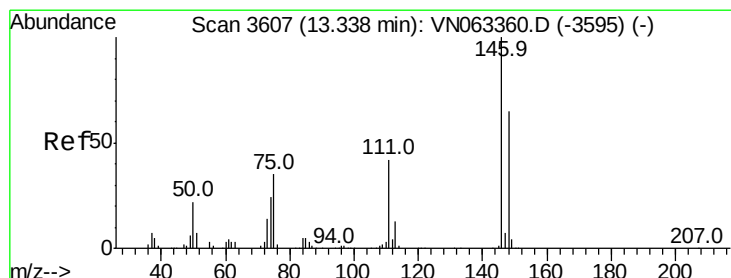
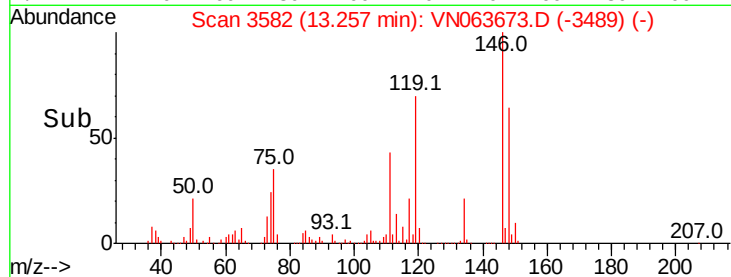
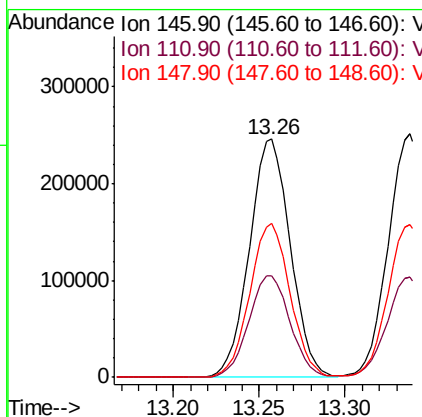
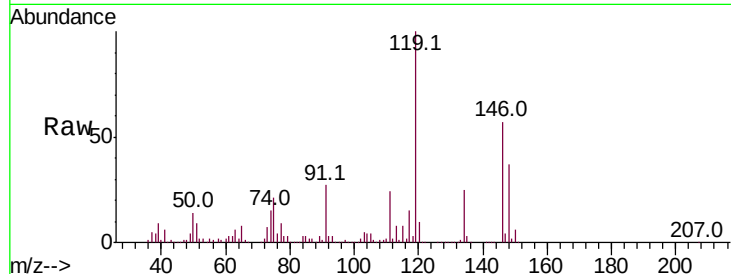
Lab File: VN063673.D

Acq: 25 Sep 2020 12:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:146 Resp: 405220

Ion	Ratio	Lower	Upper
146	100		
111	43.0	21.4	64.3
148	63.7	31.9	95.7



#88

1,4-Dichlorobenzene

Concen: 51.096 ug/l

RT: 13.34 min Scan# 3607

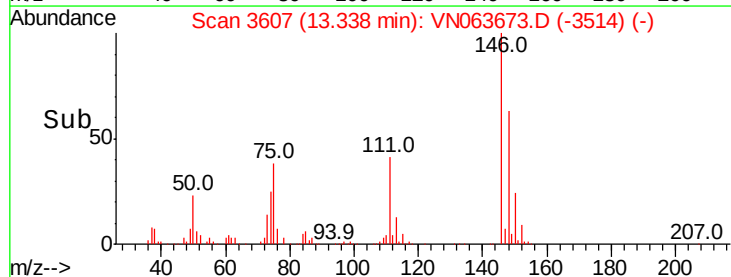
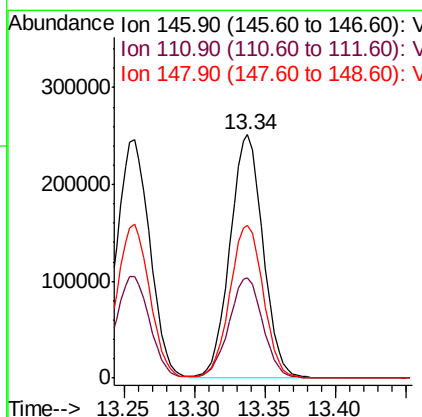
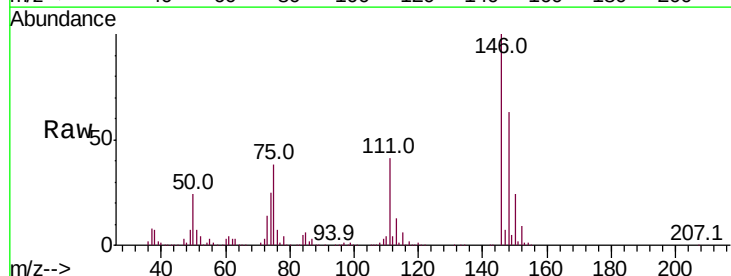
Delta R.T. -0.00 min

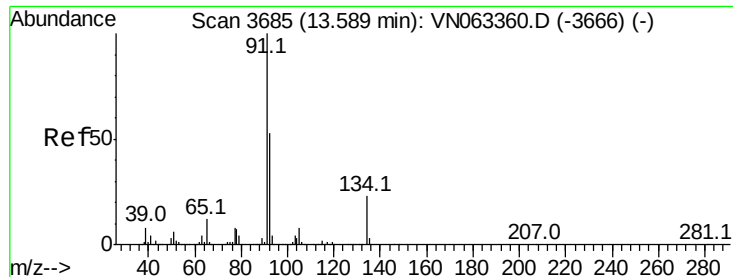
Lab File: VN063673.D

Acq: 25 Sep 2020 12:58

Tgt Ion:146 Resp: 411911

Ion	Ratio	Lower	Upper
146	100		
111	42.2	21.2	63.6
148	63.9	31.9	95.9





#89

n-Butylbenzene

Concen: 51.233 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. -0.00 min

Lab File: VN063673.D

Acq: 25 Sep 2020 12:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

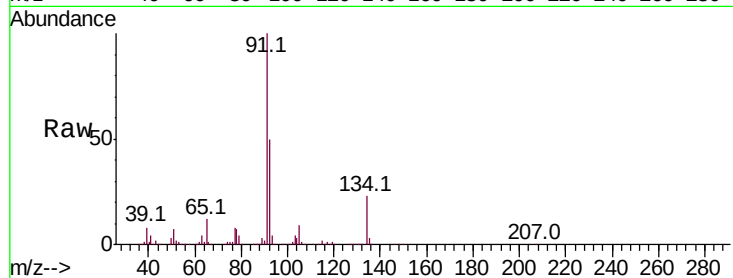
Tot Ion: 91 Resp: 729757

Ion Ratio Lower Upper

91 100

92 50.1 26.0 78.0

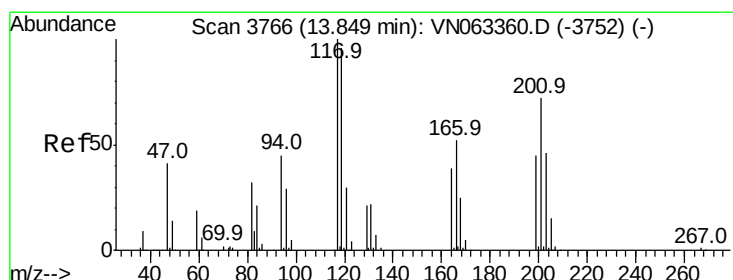
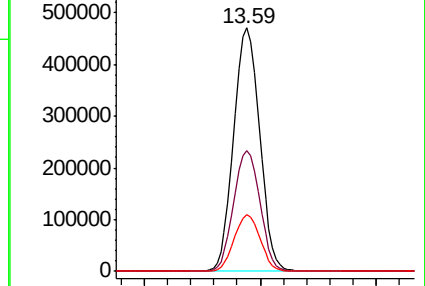
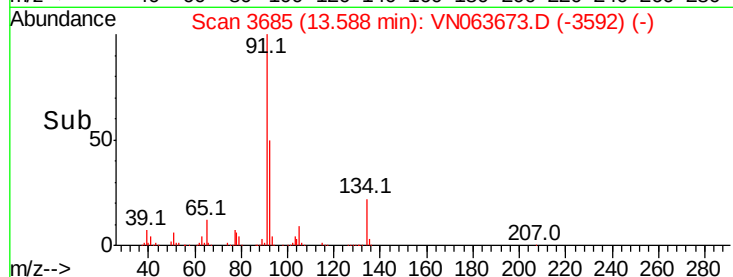
134 23.2 11.7 35.0



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

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

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



#90

Hexachloroethane

Concen: 47.428 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. -0.00 min

Lab File: VN063673.D

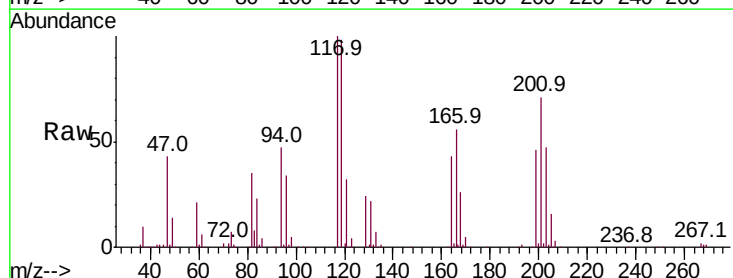
Acq: 25 Sep 2020 12:58

Tgt Ion: 117 Resp: 139557

Ion Ratio Lower Upper

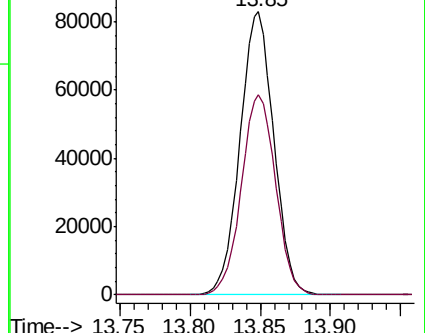
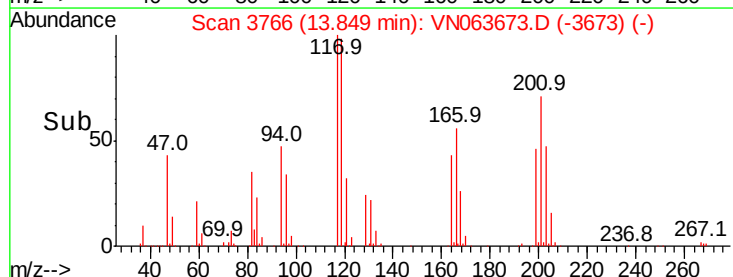
117 100

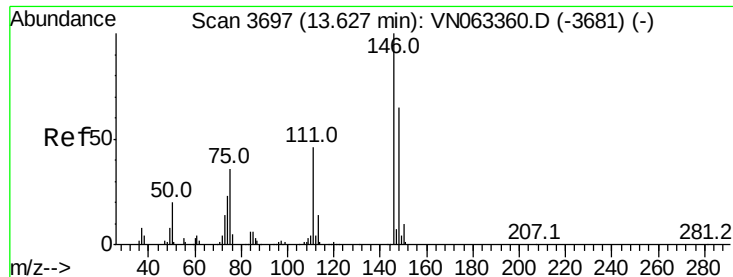
201 71.6 35.5 106.7



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

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

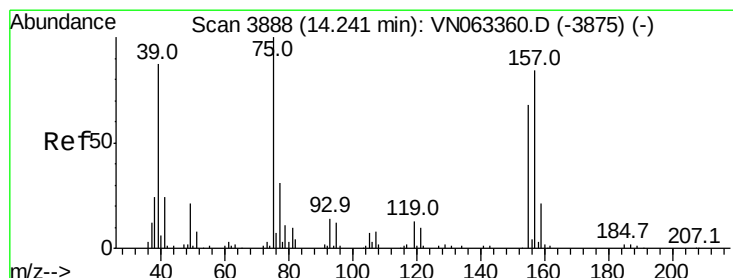
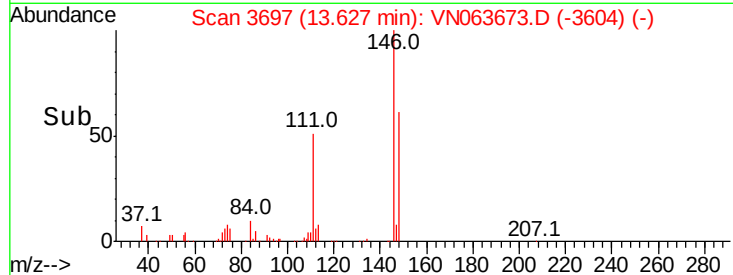
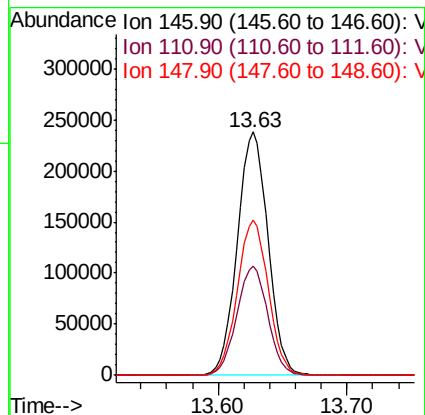
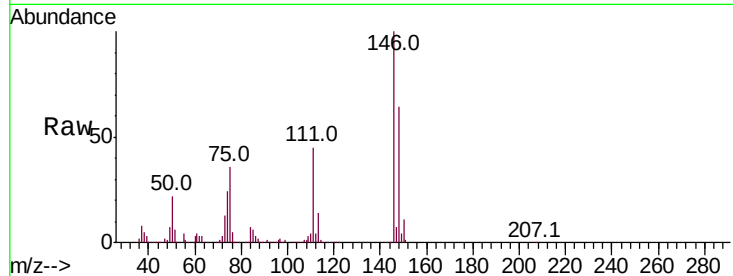




#91
 1,2-Dichlorobenzene
 Concen: 50.704 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: VN063673.D
 Acq: 25 Sep 2020 12:58

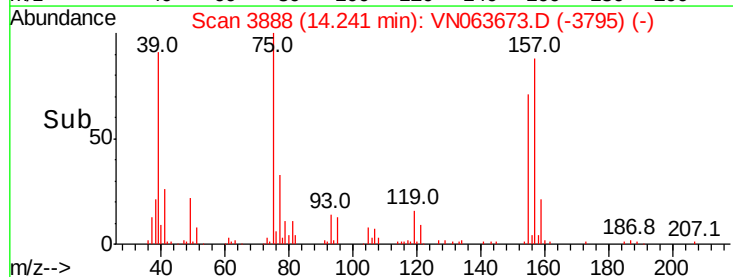
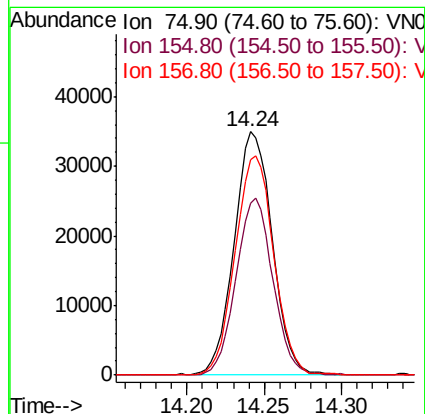
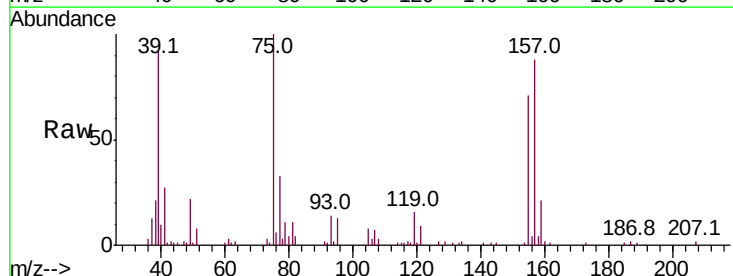
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

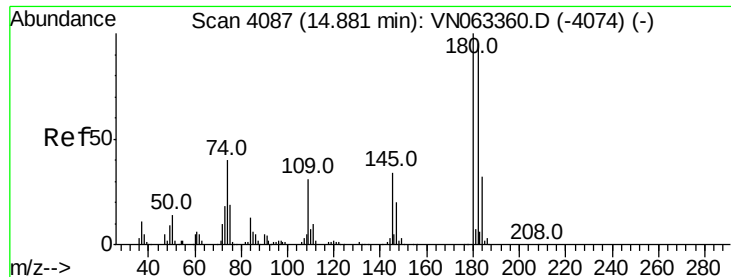
Tot Ion	Ratio	Lower	Upper
146	100		
111	45.3	22.4	67.2
148	64.3	32.0	96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 42.692 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN063673.D
 Acq: 25 Sep 2020 12:58

Tgt Ion	Ratio	Lower	Upper
75	100		
155	69.9	34.6	103.9
157	91.1	43.7	131.1





#93

1,2,4-Trichlorobenzene

Concen: 48.940 ug/l

RT: 14.88 min Scan# 4087

Delta R.T. -0.00 min

Lab File: VN063673.D

Acq: 25 Sep 2020 12:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

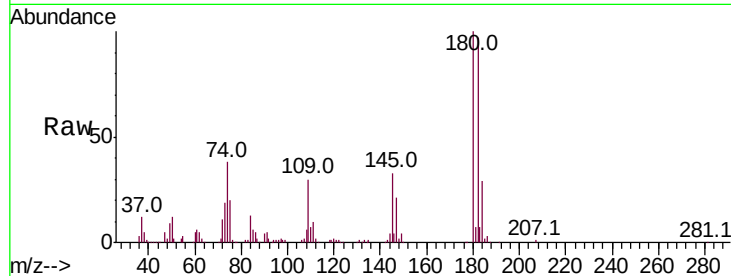
Tot Ion:180 Resp: 224604

Ion Ratio Lower Upper

180 100

182 95.4 47.3 142.0

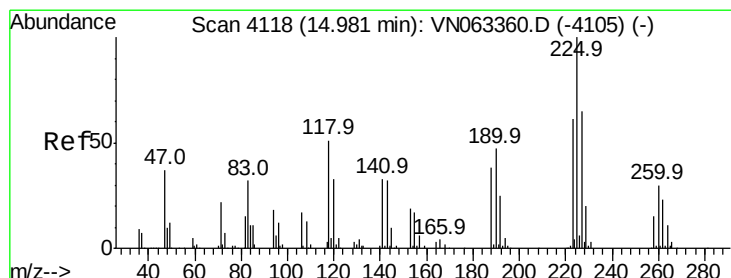
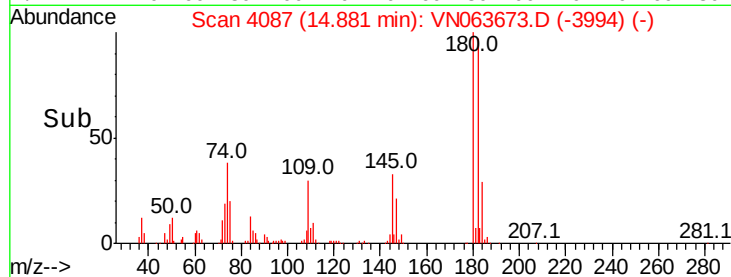
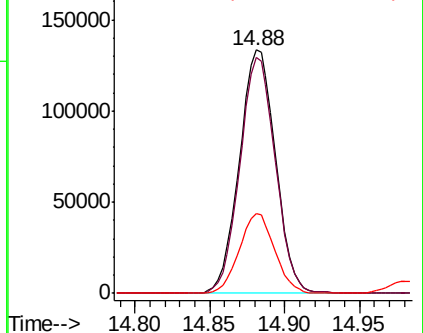
145 32.2 16.6 49.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 56.268 ug/l

RT: 14.98 min Scan# 4118

Delta R.T. -0.00 min

Lab File: VN063673.D

Acq: 25 Sep 2020 12:58

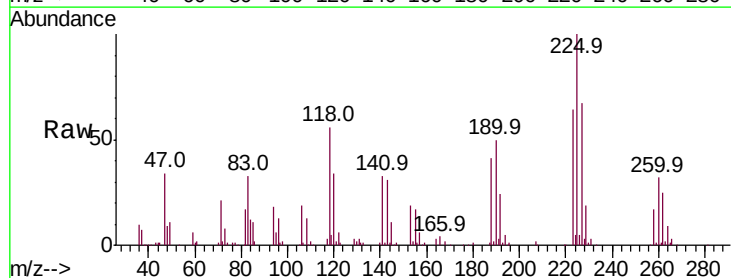
Tgt Ion:225 Resp: 106906

Ion Ratio Lower Upper

225 100

223 64.6 30.6 91.6

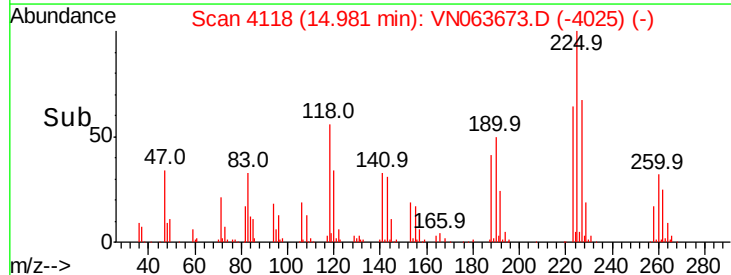
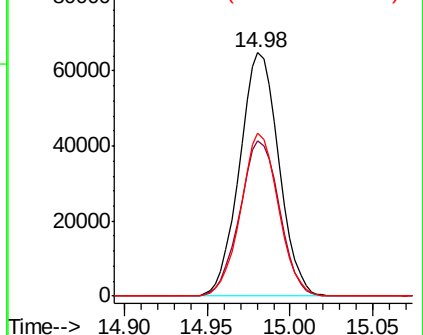
227 64.5 31.2 93.6

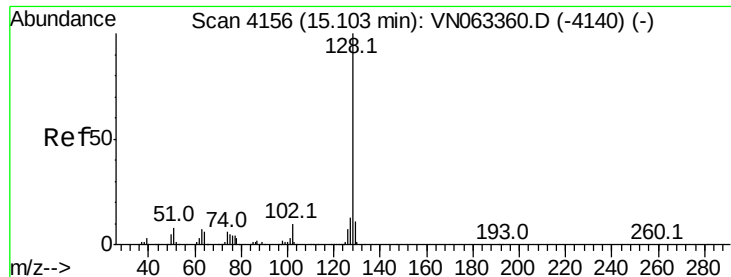


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

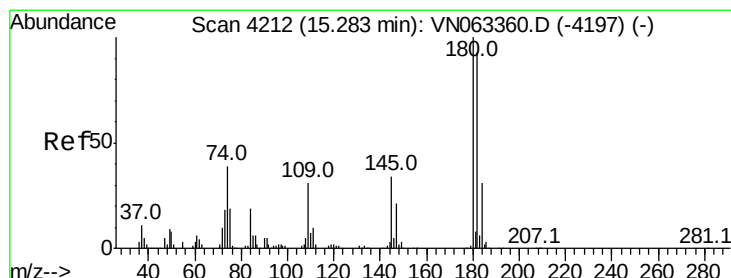
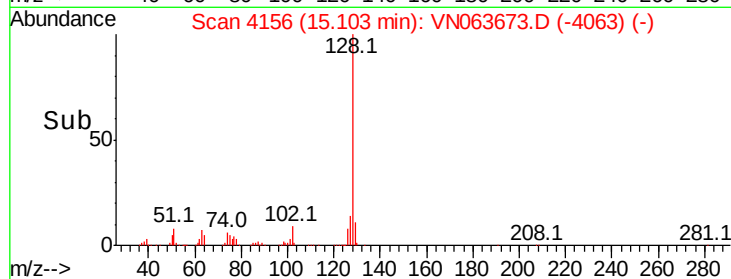
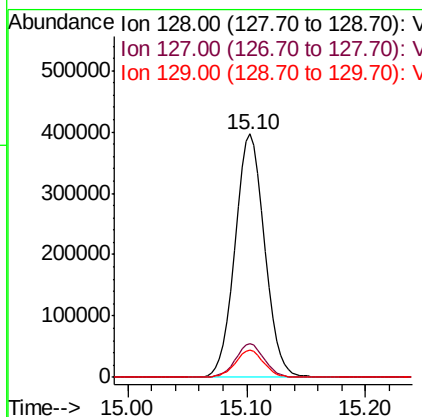
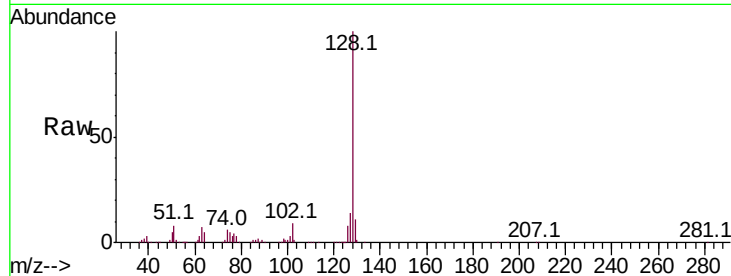




#95
Naphthalene
Concen: 45.024 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. -0.00 min
Lab File: VN063673.D
Acq: 25 Sep 2020 12:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 682670
Ion Ratio Lower Upper
128 100
127 13.4 10.6 15.8
129 10.7 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 47.316 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. -0.00 min
Lab File: VN063673.D
Acq: 25 Sep 2020 12:58

Tgt Ion:180 Resp: 209816
Ion Ratio Lower Upper
180 100
182 97.9 46.7 140.1
145 34.4 16.8 50.3

