

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091620\
 Data File : VN063406.D
 Acq On : 17 Sep 2020 8:39
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 17 08:58:25 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	269977	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	497099	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	462489	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	217298	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	229293	49.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.78%	
35) Dibromofluoromethane	7.55	113	157694	45.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.64%	
50) Toluene-d8	10.06	98	615594	47.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.14%	
62) 4-Bromofluorobenzene	12.38	95	232656	49.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	148576	48.577	ug/l	99
3) Chloromethane	2.04	50	193519	47.827	ug/l	99
4) Vinyl Chloride	2.16	62	186899	52.136	ug/l	100
5) Bromomethane	2.53	94	107387	50.453	ug/l	98
6) Chloroethane	2.67	64	108698	49.396	ug/l	97
7) Trichlorofluoromethane	2.98	101	275420	51.494	ug/l	96
8) Diethyl Ether	3.37	74	106827	51.235	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	142616	47.414	ug/l	98
10) Methyl Iodide	3.91	142	197180	50.351	ug/l	99
11) Tert butyl alcohol	4.72	59	154661	242.922	ug/l	100
12) 1,1-Dichloroethene	3.70	96	150085	49.262	ug/l	96
13) Acrolein	3.57	56	60610	256.886	ug/l	97
14) Allyl chloride	4.28	41	257928	42.800	ug/l	91
15) Acrylonitrile	4.93	53	425580	262.788	ug/l	99
16) Acetone	3.77	43	383494	259.646	ug/l	100
17) Carbon Disulfide	4.01	76	427532	48.243	ug/l	100
18) Methyl Acetate	4.28	43	201399	53.713	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	562100	49.502	ug/l	97
20) Methylene Chloride	4.50	84	179883	48.070	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	164082	48.610	ug/l	99
22) Diisopropyl ether	5.90	45	610479	49.670	ug/l	99
23) Vinyl Acetate	5.84	43	2573701	254.975	ug/l	100
24) 1,1-Dichloroethane	5.80	63	333600	49.716	ug/l	99
25) 2-Butanone	6.78	43	592666	260.905	ug/l	98
26) 2,2-Dichloropropane	6.77	77	185374	31.377	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	190691	49.911	ug/l	98
28) Bromochloromethane	7.15	49	151122	48.776	ug/l	100
29) Tetrahydrofuran	7.16	42	395597	254.988	ug/l	99
30) Chloroform	7.33	83	335201	49.791	ug/l	100
31) Cyclohexane	7.61	56	287000	45.217	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	297241	49.641	ug/l	100
36) 1,1-Dichloropropene	7.75	75	244329	46.136	ug/l	99
37) Ethyl Acetate	6.88	43	257695	49.579	ug/l	99
38) Carbon Tetrachloride	7.74	117	256771	47.497	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	251804	43.809	ug/l	99
40) Benzene	8.00	78	716503	47.395	ug/l	98
41) Methacrylonitrile	7.13	41	115910	49.582	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	290201	47.733	ug/l	100
43) Isopropyl Acetate	8.13	43	446004	47.988	ug/l #	90
44) Trichloroethene	8.80	130	173587	47.341	ug/l	100
45) 1,2-Dichloropropane	9.08	63	198608	48.236	ug/l	100
46) Dibromomethane	9.17	93	132738	49.049	ug/l	99
47) Bromodichloromethane	9.37	83	275578	49.017	ug/l	97
48) Methyl methacrylate	9.17	41	223789	49.010	ug/l	99
49) 1,4-Dioxane	9.16	88	62913	960.097	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	1316740	253.068	ug/l	99
52) Toluene	10.13	92	449994	49.508	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	286812	45.697	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	299069	45.174	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	177283	49.104	ug/l	98
56) Ethyl methacrylate	10.40	69	286163	50.773	ug/l	98
57) 1,3-Dichloropropane	10.68	76	312578	48.010	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	694724	234.973	ug/l	99
59) 2-Hexanone	10.72	43	954382	253.185	ug/l	98
60) Dibromochloromethane	10.87	129	199339	48.873	ug/l	100
61) 1,2-Dibromoethane	10.98	107	186295	49.667	ug/l	98
64) Tetrachloroethene	10.60	164	152677	48.481	ug/l	97
65) Chlorobenzene	11.41	112	468159	47.687	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	175033	48.638	ug/l	100
67) Ethyl Benzene	11.48	91	880487	47.625	ug/l	100
68) m/p-Xylenes	11.59	106	641352	96.215	ug/l	99
69) o-Xylene	11.92	106	308555	48.592	ug/l	99
70) Styrene	11.94	104	537938	50.517	ug/l	99
71) Bromoform	12.10	173	132501	49.424	ug/l #	97
73) Isopropylbenzene	12.23	105	843550	48.444	ug/l	100
74) N-amyl acetate	12.05	43	406937	49.369	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	261242	48.453	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	352060	65.458	ug/l #	100
77) Bromobenzene	12.50	156	193984	49.524	ug/l	97
78) n-propylbenzene	12.57	91	972153	47.933	ug/l	100
79) 2-Chlorotoluene	12.65	91	593380	48.807	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	701146	48.288	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	81697	41.645	ug/l	100
82) 4-Chlorotoluene	12.75	91	612541	47.685	ug/l	100
83) tert-Butylbenzene	12.97	119	580989	48.480	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	712523	48.581	ug/l	100
85) sec-Butylbenzene	13.15	105	769964	47.998	ug/l	99
86) p-Isopropyltoluene	13.26	119	673313	47.588	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	350216	48.240	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	356830	48.343	ug/l	99
89) n-Butylbenzene	13.59	91	600599	46.052	ug/l	100
90) Hexachloroethane	13.85	117	128303	47.623	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	343047	48.129	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	61595	47.975	ug/l	98

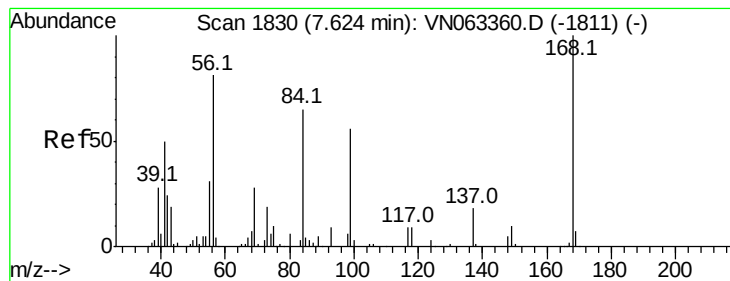
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	188715	44.911	ug/l	100
94) Hexachlorobutadiene	14.98	225	77660	44.643	ug/l	96
95) Naphthalene	15.10	128	658397	47.426	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	186167	45.853	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN063406.D

Acq: 17 Sep 2020 8:39

Instrument :

MSVOA_N

ClientSampleId :

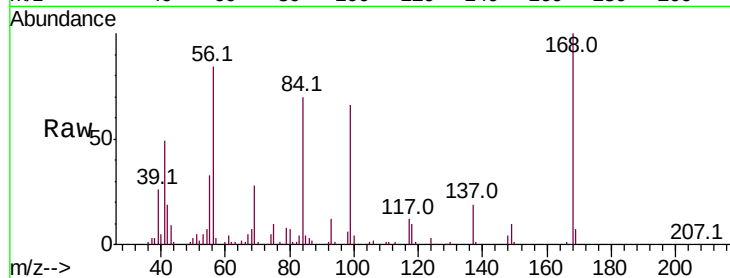
VSTDCCC050EC

Tot Ion:168 Resp: 269977

Ion Ratio Lower Upper

168 100

99 65.6 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

120000

100000

80000

60000

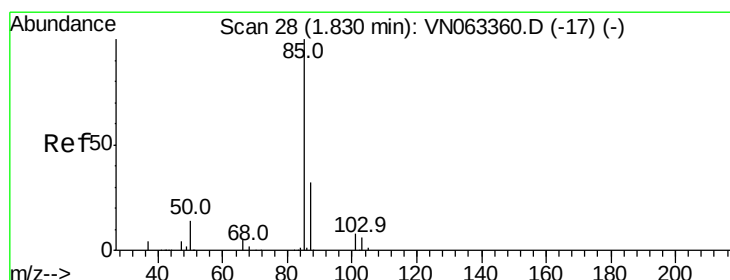
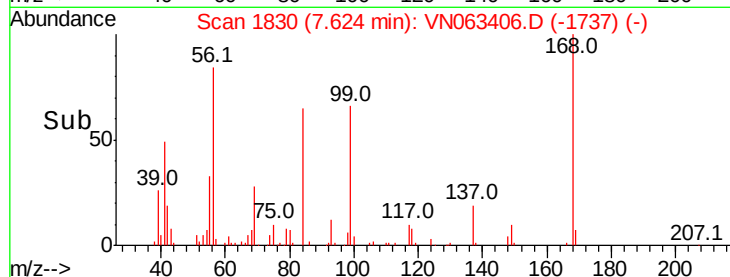
40000

20000

0

7.55 7.60 7.65 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 48.577 ug/l

RT: 1.83 min Scan# 28

Delta R.T. -0.00 min

Lab File: VN063406.D

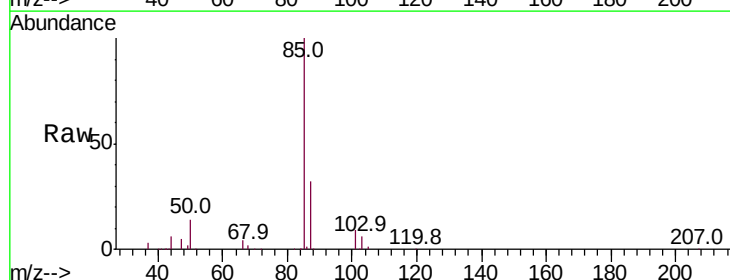
Acq: 17 Sep 2020 8:39

Tgt Ion: 85 Resp: 148576

Ion Ratio Lower Upper

85 100

87 32.5 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

120000

100000

80000

60000

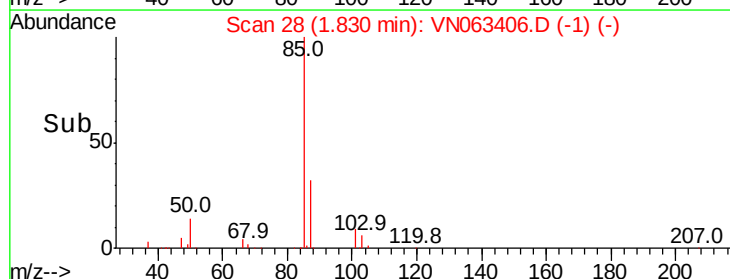
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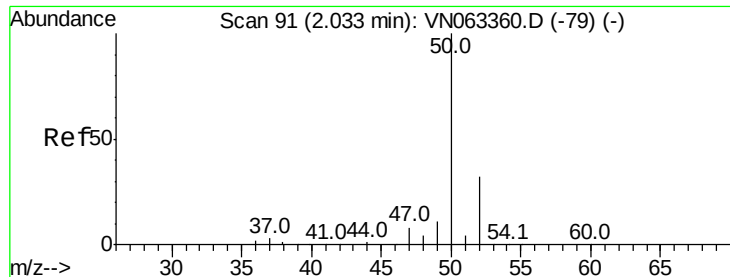
20000

0

1.75 1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 47.827 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063406.D

Acq: 17 Sep 2020 8:39

Instrument :

MSVOA_N

ClientSampleId :

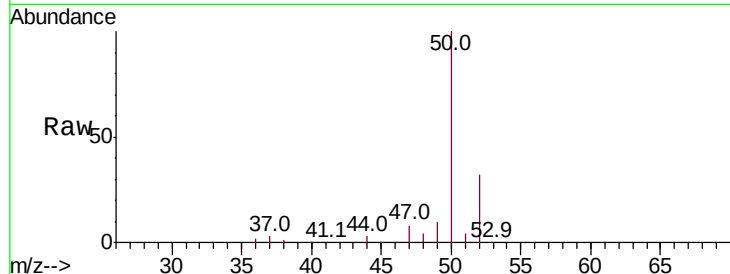
VSTDCCC050EC

Tot Ion: 50 Resp: 193519

Ion Ratio Lower Upper

50 100

52 31.9 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VN063360.D (-79) (-)

Ion 51.90 (51.60 to 52.60): VN063360.D (-79) (-)

2.04

150000

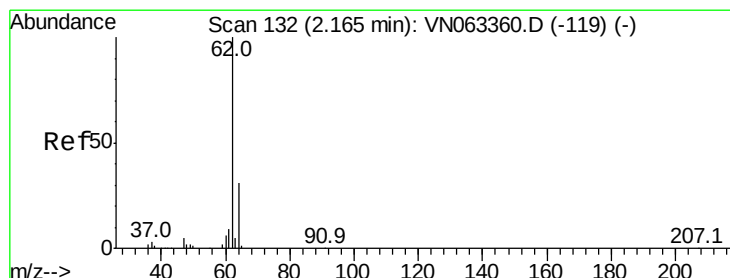
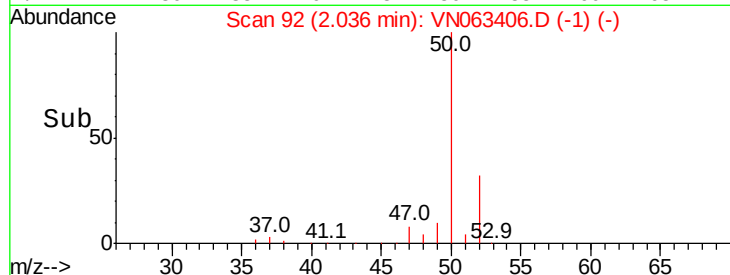
100000

50000

0

2.00 2.05 2.10

Time-->



#4

Vinyl Chloride

Concen: 52.136 ug/l

RT: 2.16 min Scan# 132

Delta R.T. -0.00 min

Lab File: VN063406.D

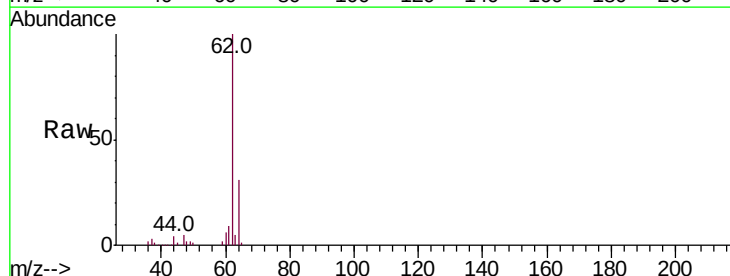
Acq: 17 Sep 2020 8:39

Tgt Ion: 62 Resp: 186899

Ion Ratio Lower Upper

62 100

64 31.2 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VN063360.D (-119) (-)

Ion 63.90 (63.60 to 64.60): VN063360.D (-119) (-)

2.16

150000

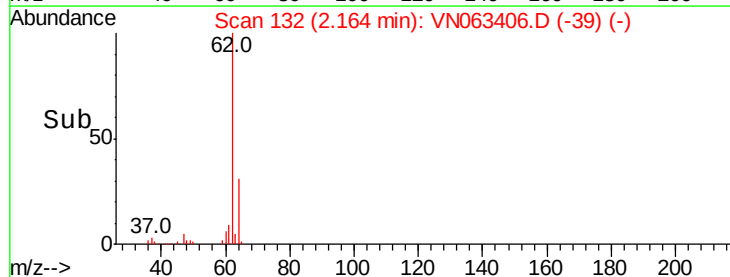
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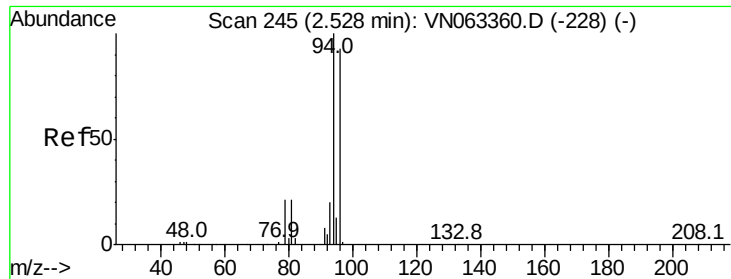
50000

0

2.10 2.15 2.20 2.25

Time-->





#5

Bromomethane

Concen: 50.453 ug/l

RT: 2.53 min Scan# 245

Delta R.T. -0.00 min

Lab File: VN063406.D

Acq: 17 Sep 2020 8:39

Instrument :

MSVOA_N

ClientSampleId :

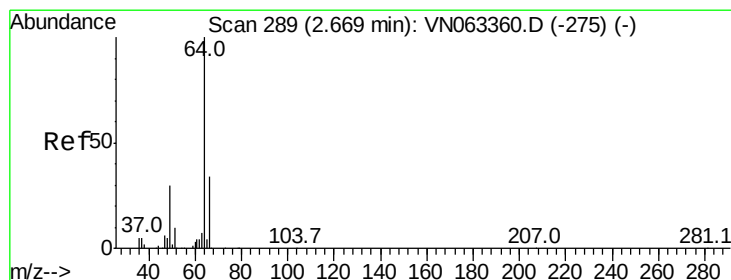
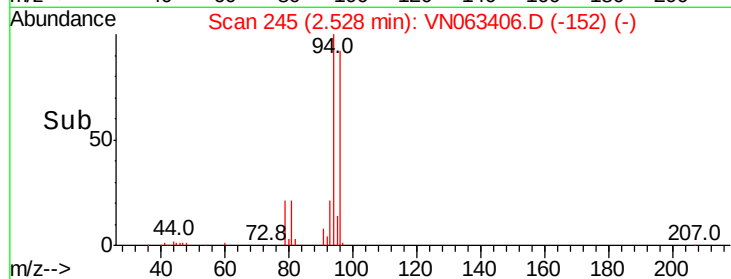
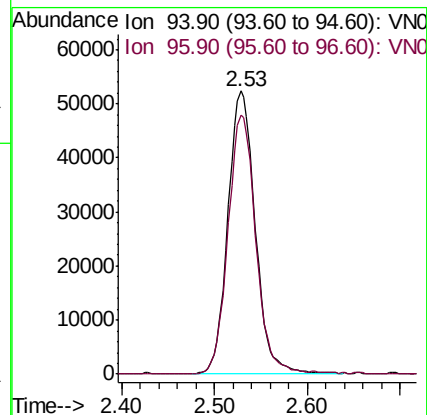
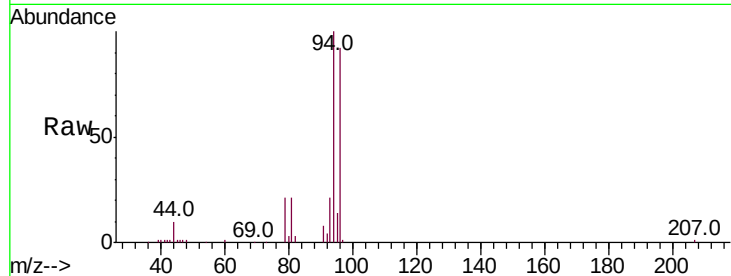
VSTDCCC050EC

Tot Ion: 94 Resp: 107387

Ion Ratio Lower Upper

94 100

96 91.6 74.5 111.7



#6

Chloroethane

Concen: 49.396 ug/l

RT: 2.67 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN063406.D

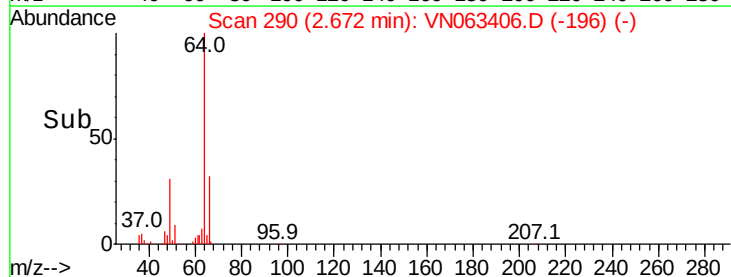
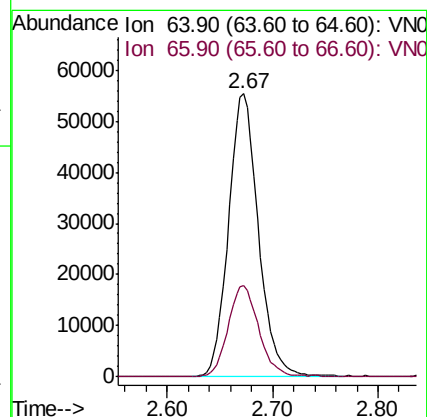
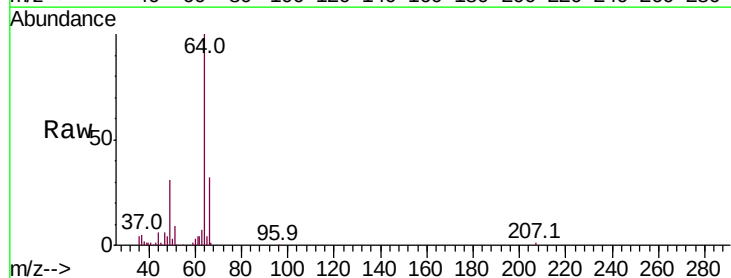
Acq: 17 Sep 2020 8:39

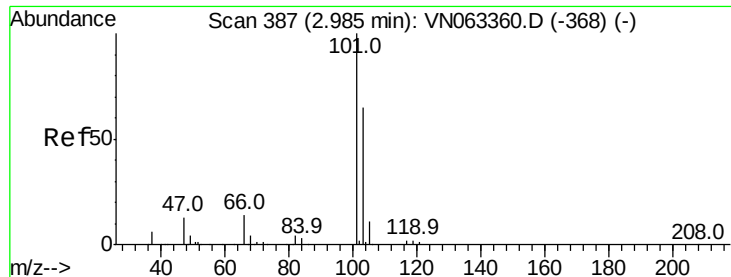
Tgt Ion: 64 Resp: 108698

Ion Ratio Lower Upper

64 100

66 32.1 26.9 40.3



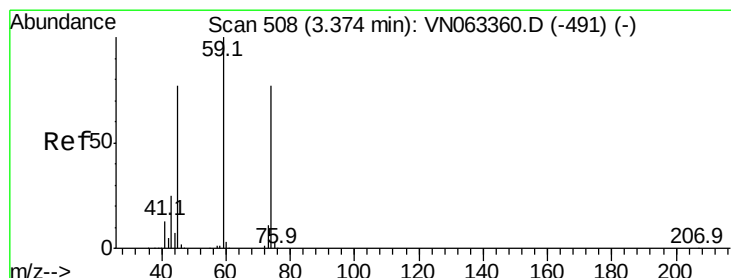
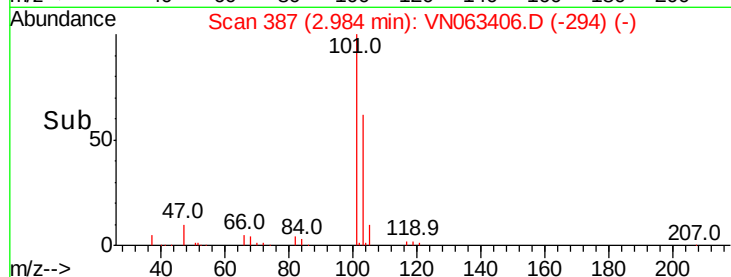
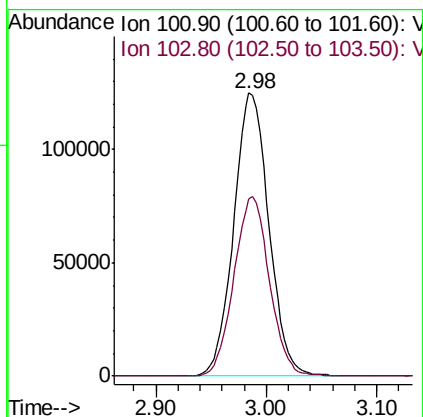
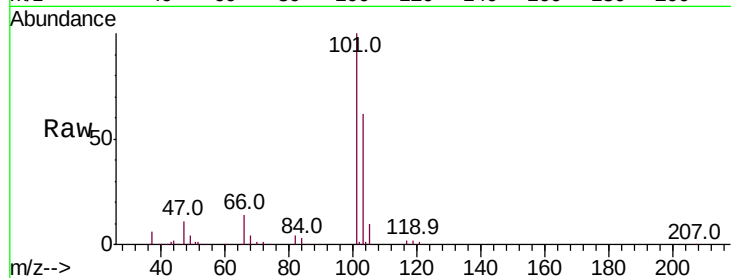


#7

Trichlorofluoromethane
 Concen: 51.494 ug/l
 RT: 2.98 min Scan# 387
 Delta R.T. -0.00 min
 Lab File: VN063406.D
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Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

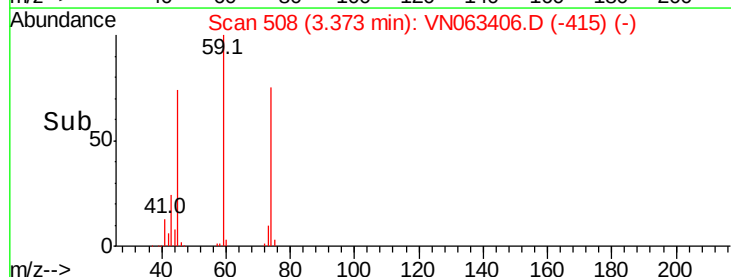
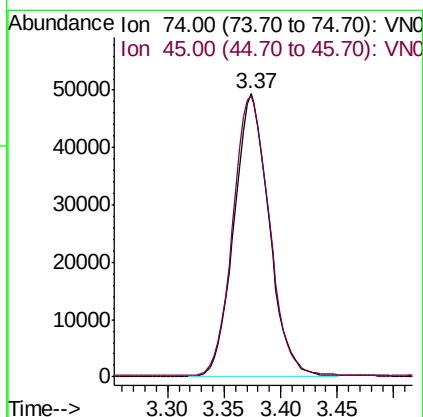
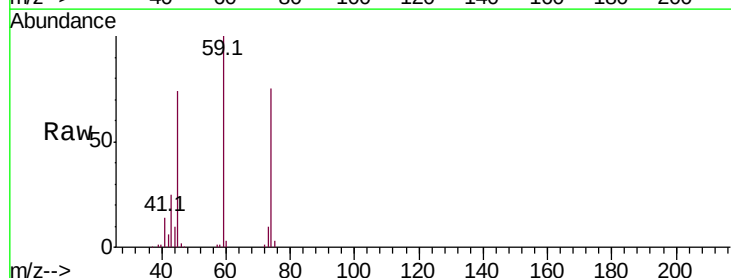
Tot Ion:101 Resp: 275420
 Ion Ratio Lower Upper
 101 100
 103 62.4 52.3 78.5

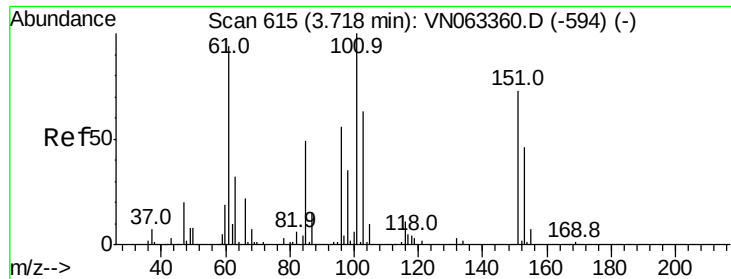


#8

Diethyl Ether
 Concen: 51.235 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN063406.D
 Acq: 17 Sep 2020 8:39

Tgt Ion: 74 Resp: 106827
 Ion Ratio Lower Upper
 74 100
 45 102.1 52.1 156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.414 ug/l

RT: 3.72 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN063406.D

Acq: 17 Sep 2020 8:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

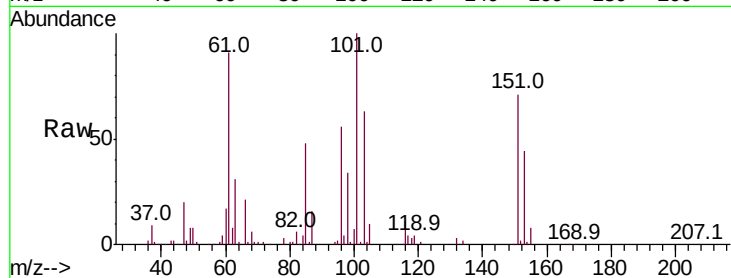
Tot Ion:101 Resp: 142616

Ion Ratio Lower Upper

101 100

85 49.3 37.7 56.5

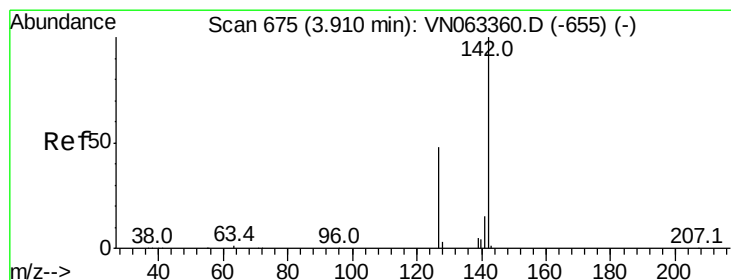
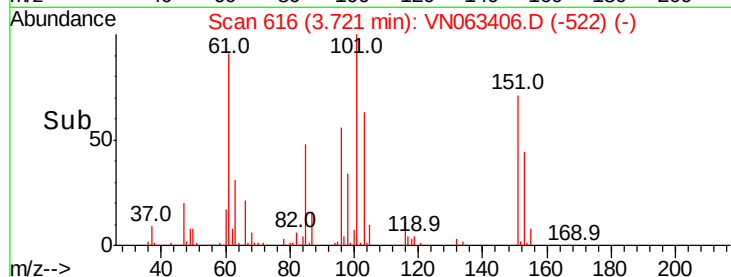
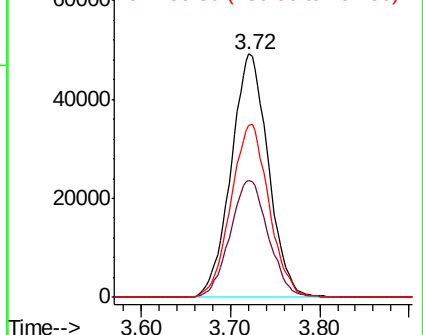
151 72.5 57.7 86.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.351 ug/l

RT: 3.91 min Scan# 676

Delta R.T. 0.00 min

Lab File: VN063406.D

Acq: 17 Sep 2020 8:39

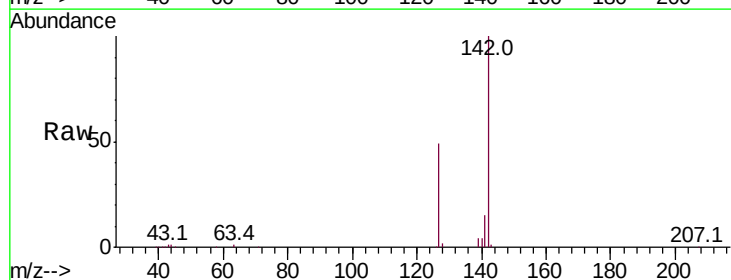
Tgt Ion:142 Resp: 197180

Ion Ratio Lower Upper

142 100

127 49.4 39.0 58.6

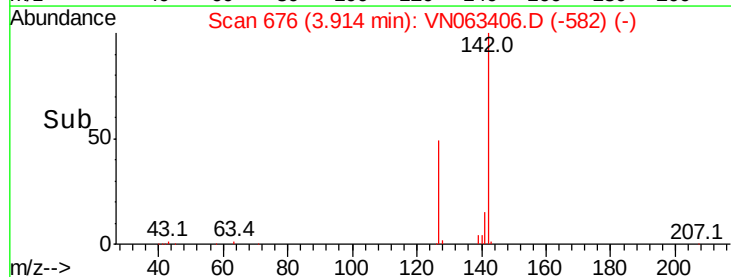
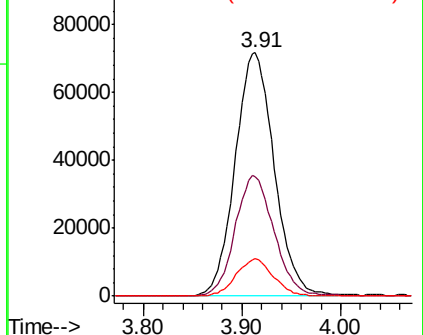
141 14.5 11.6 17.4

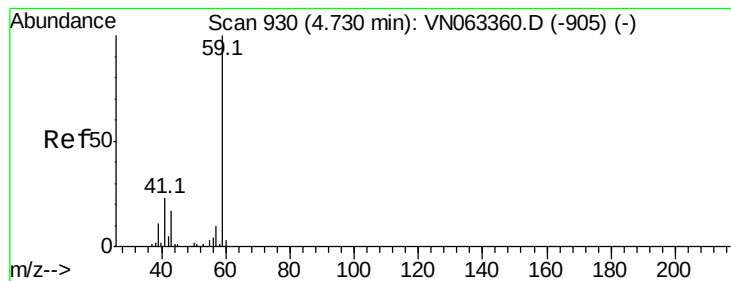


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



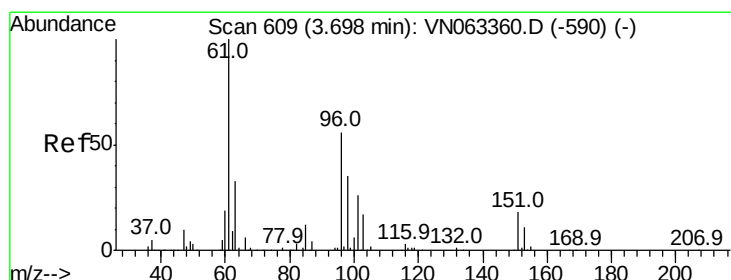
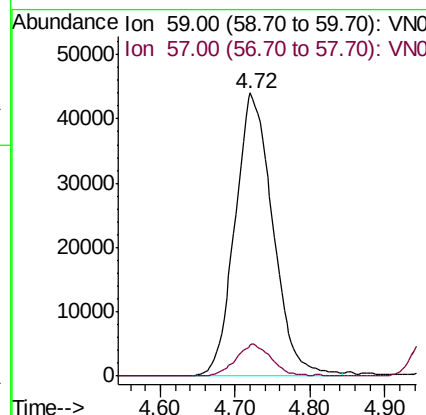
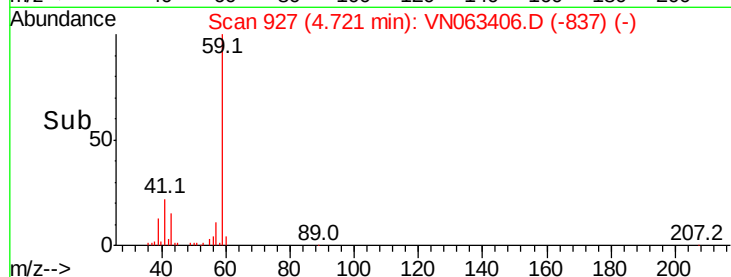
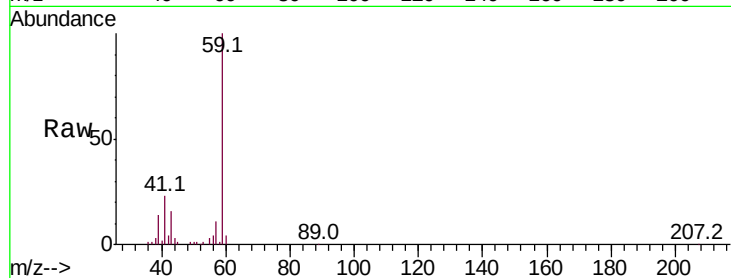


#11

Tert butyl alcohol
 Concen: 242.922 ug/l
 RT: 4.72 min Scan# 927
 Delta R.T. -0.01 min
 Lab File: VN063406.D
 Acq: 17 Sep 2020 8:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

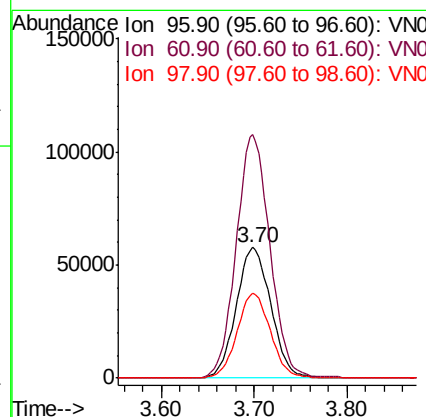
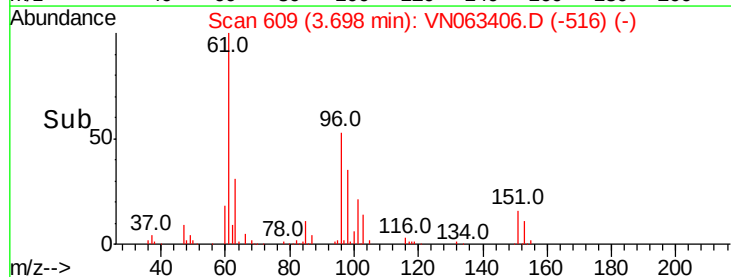
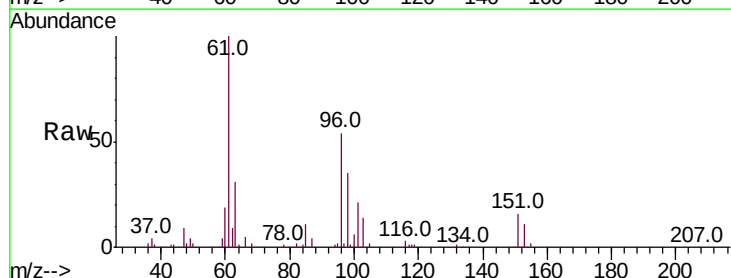
Tot Ion: 59 Resp: 154661
 Ion Ratio Lower Upper
 59 100
 57 10.7 8.4 12.6

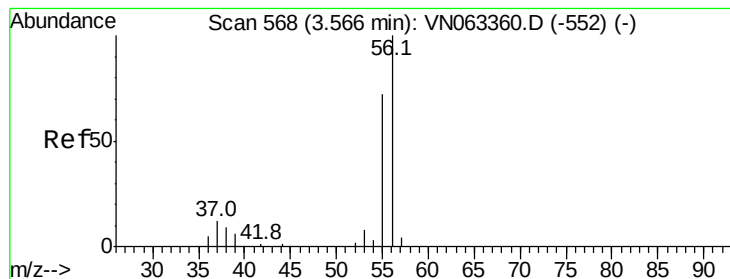


#12

1,1-Dichloroethene
 Concen: 49.262 ug/l
 RT: 3.70 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: VN063406.D
 Acq: 17 Sep 2020 8:39

Tgt Ion: 96 Resp: 150085
 Ion Ratio Lower Upper
 96 100
 61 186.5 143.4 215.2
 98 64.6 50.6 76.0





#13

Acrolein

Concen: 256.886 ug/l

RT: 3.57 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN063406.D

Acq: 17 Sep 2020 8:39

Instrument :

MSVOA_N

ClientSampleId :

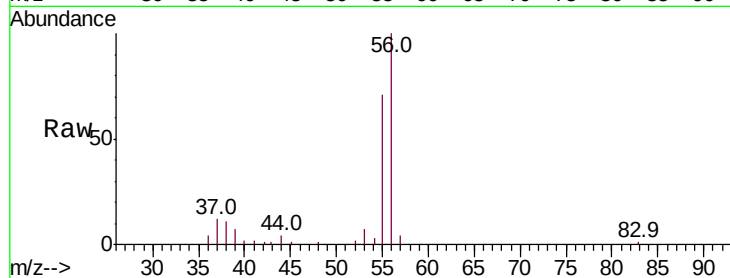
VSTDCCC050EC

Tot Ion: 56 Resp: 60610

Ion Ratio Lower Upper

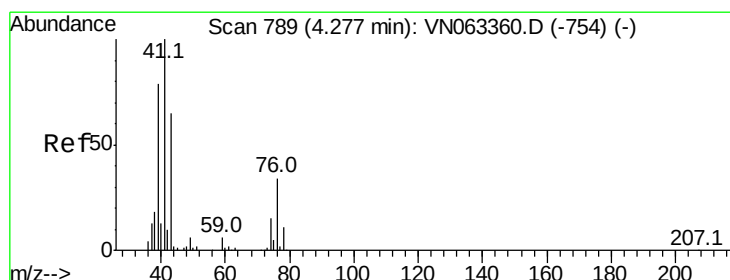
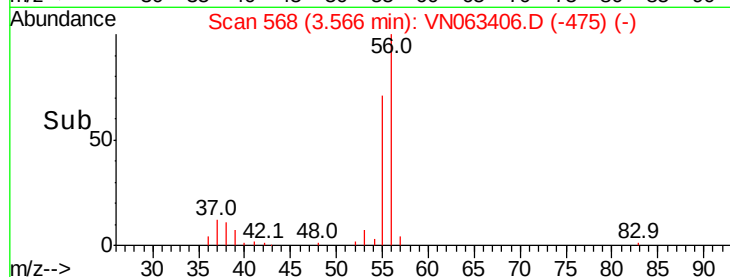
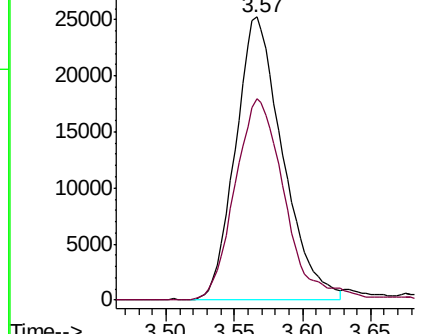
56 100

55 74.9 58.2 87.2



Abundance Ion 56.00 (55.70 to 56.70): VNO

Ion 55.00 (54.70 to 55.70): VNO



#14

Allyl chloride

Concen: 42.800 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063406.D

Acq: 17 Sep 2020 8:39

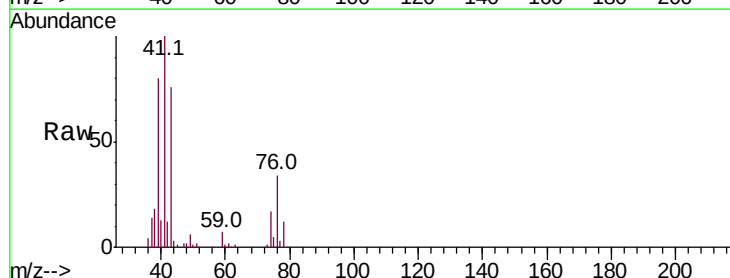
Tgt Ion: 41 Resp: 257928

Ion Ratio Lower Upper

41 100

39 83.4 59.3 88.9

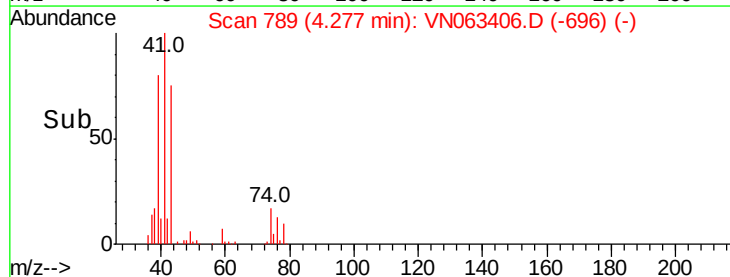
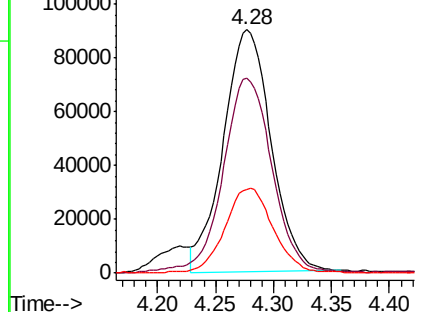
76 35.0 25.3 37.9

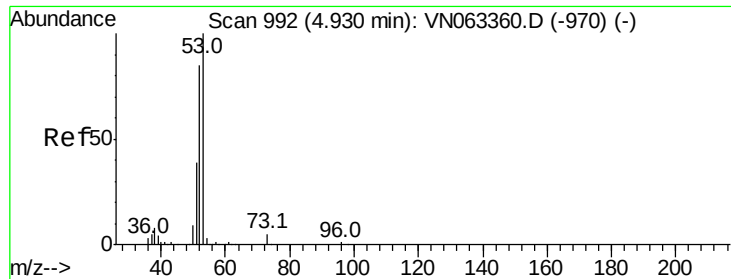


Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 75.90 (75.60 to 76.60): VNO





#15

Acrylonitrile

Concen: 262.788 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN063406.D

Acq: 17 Sep 2020 8:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

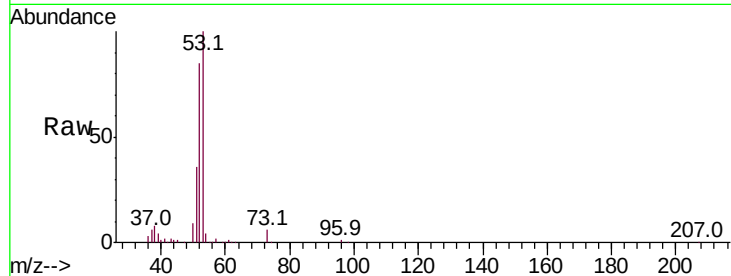
Tot Ion: 53 Resp: 425580

Ion Ratio Lower Upper

53 100

52 84.1 66.4 99.6

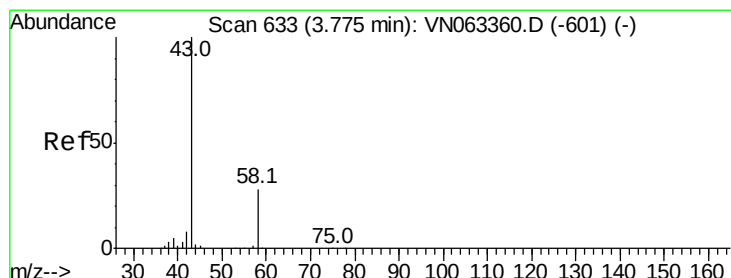
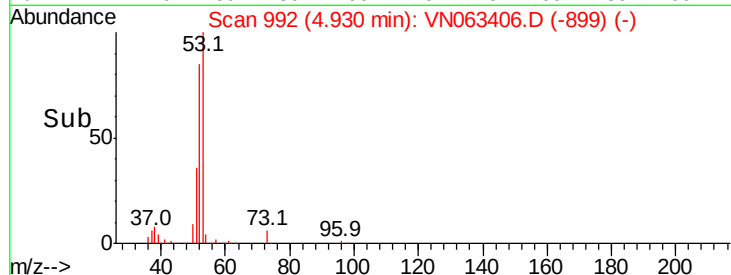
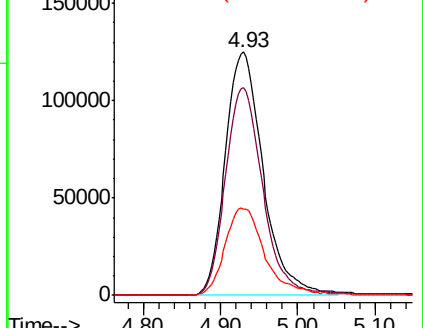
51 37.4 30.2 45.4



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: 259.646 ug/l

RT: 3.77 min Scan# 632

Delta R.T. -0.00 min

Lab File: VN063406.D

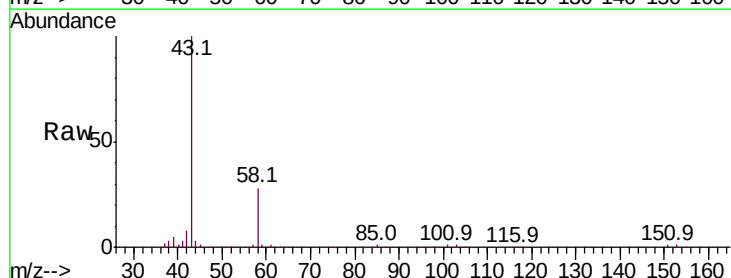
Acq: 17 Sep 2020 8:39

Tgt Ion: 43 Resp: 383494

Ion Ratio Lower Upper

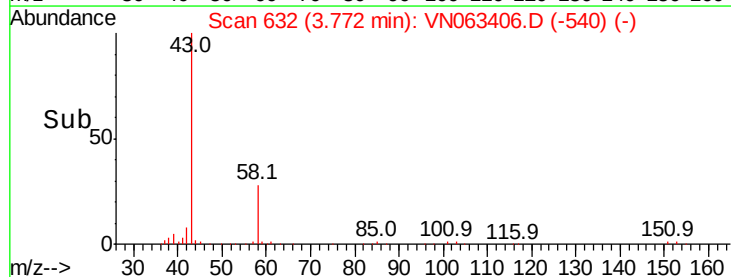
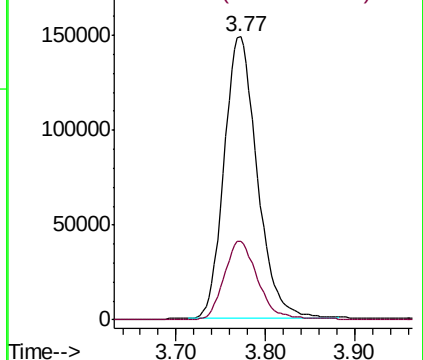
43 100

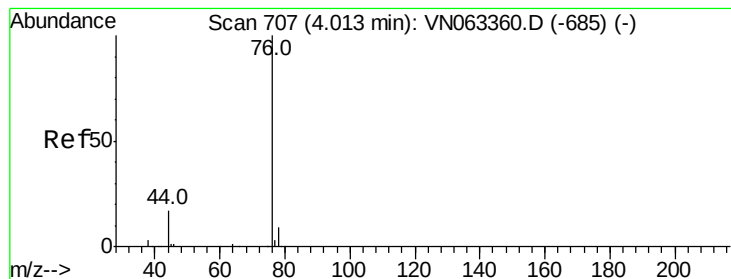
58 28.0 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 48.243 ug/l

RT: 4.01 min Scan# 707

Delta R.T. -0.00 min

Lab File: VN063406.D

Acq: 17 Sep 2020 8:39

Instrument :

MSVOA_N

ClientSampleId :

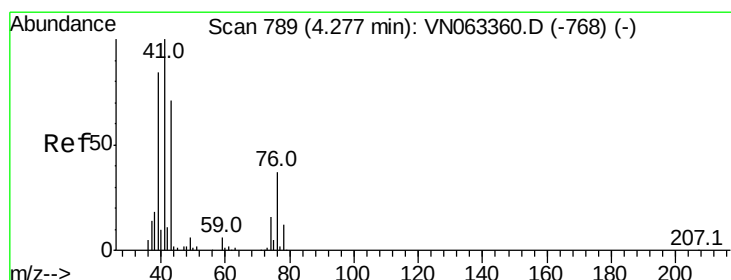
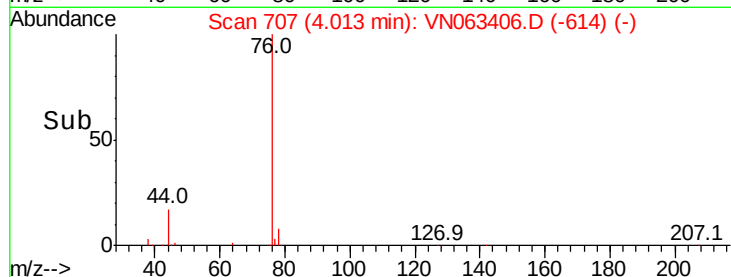
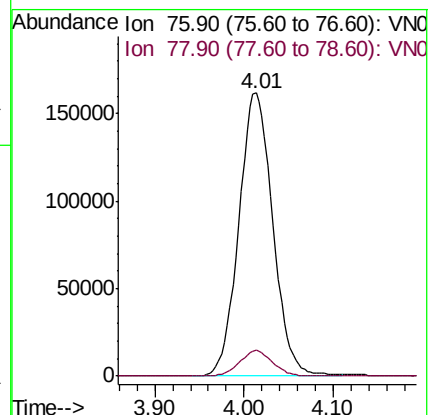
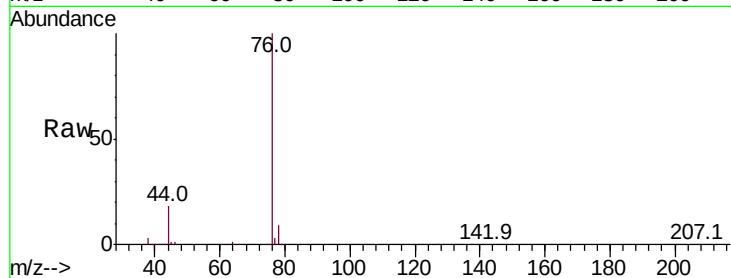
VSTDCCC050EC

Tot Ion: 76 Resp: 427532

Ion Ratio Lower Upper

76 100

78 9.0 7.2 10.8



#18

Methyl Acetate

Concen: 53.713 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063406.D

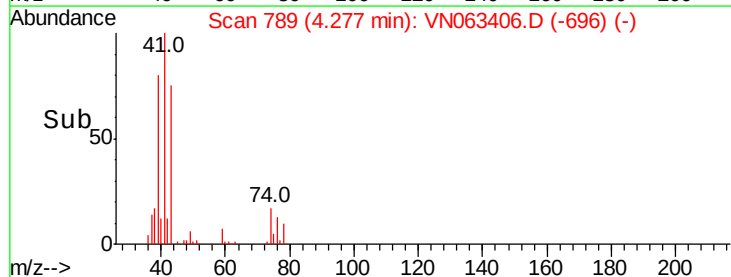
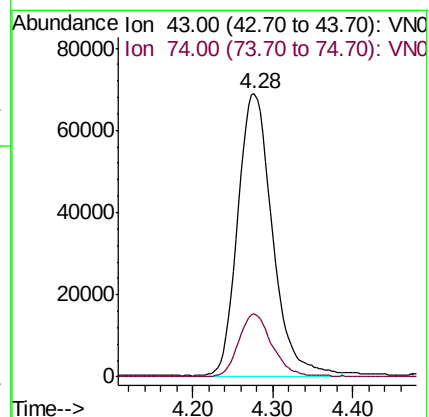
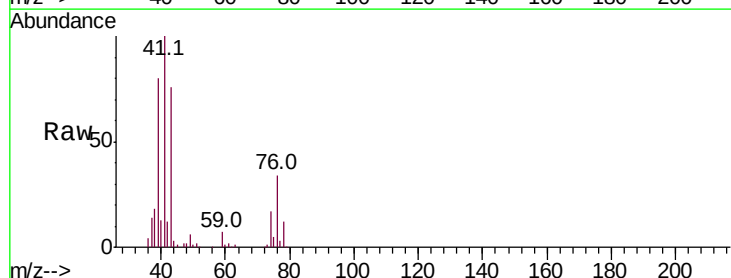
Acq: 17 Sep 2020 8:39

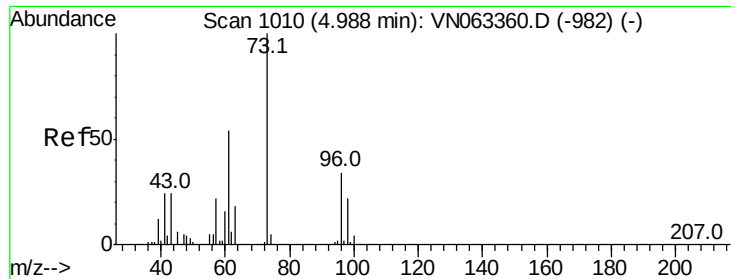
Tgt Ion: 43 Resp: 201399

Ion Ratio Lower Upper

43 100

74 21.3 17.4 26.2

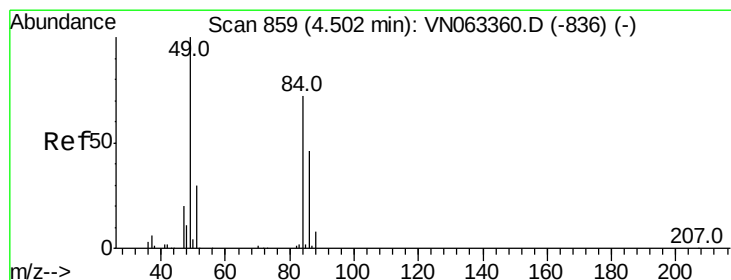
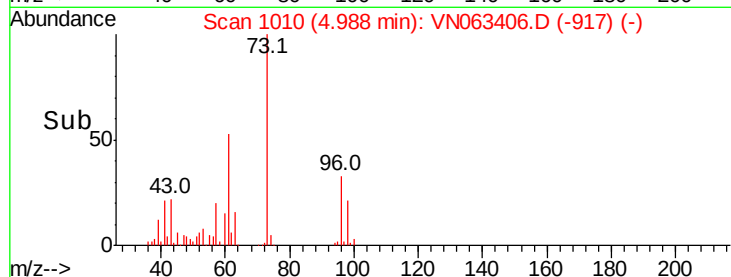
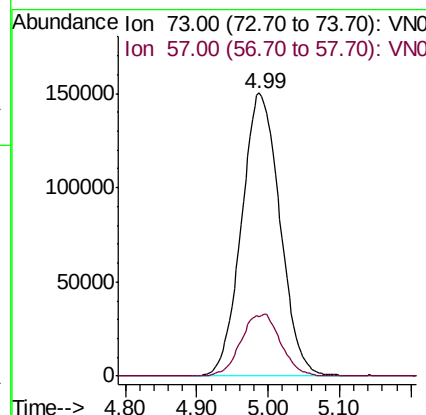
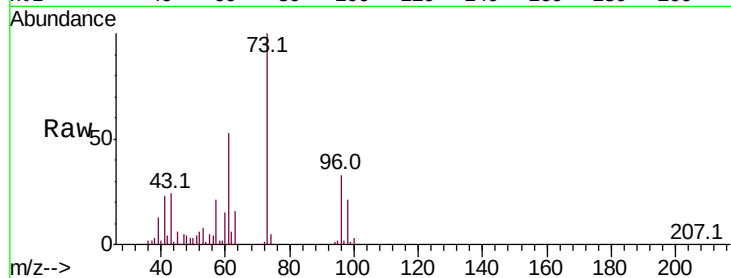




#19
Methvl tert-butyl Ether
Concen: 49.502 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. -0.00 min
Lab File: VN063406.D
Acq: 17 Sep 2020 8:39

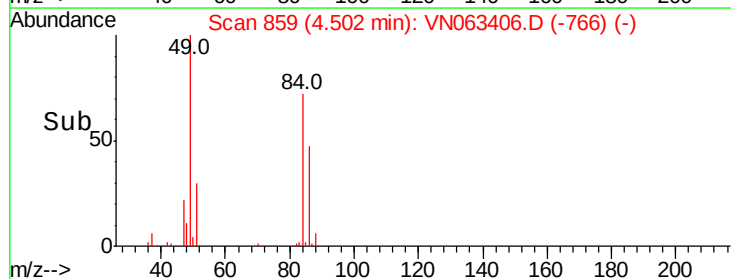
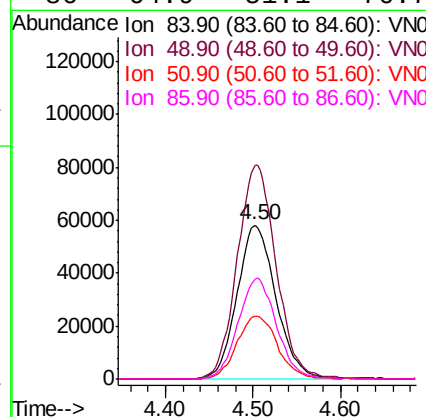
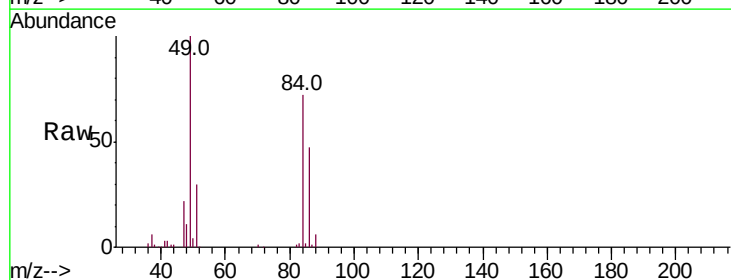
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

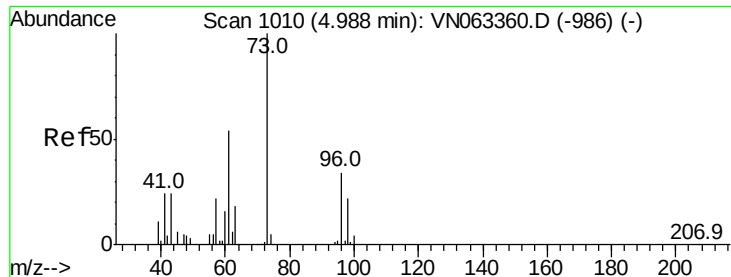
Tot Ion: 73 Resp: 562100
Ion Ratio Lower Upper
73 100
57 21.2 17.9 26.9



#20
Methylene Chloride
Concen: 48.070 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN063406.D
Acq: 17 Sep 2020 8:39

Tgt Ion: 84 Resp: 179883
Ion Ratio Lower Upper
84 100
49 138.7 110.7 166.1
51 41.0 32.9 49.3
86 64.9 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 48.610 ug/l

RT: 4.99 min Scan# 1011

Delta R.T. 0.00 min

Lab File: VN063406.D

Acq: 17 Sep 2020 8:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

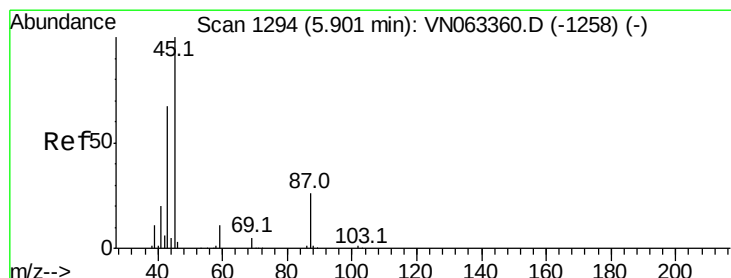
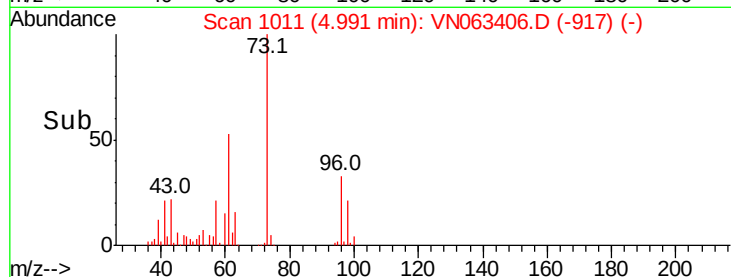
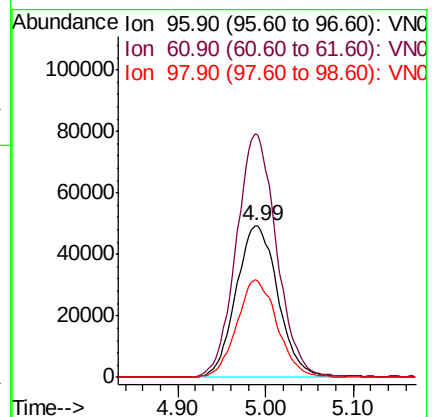
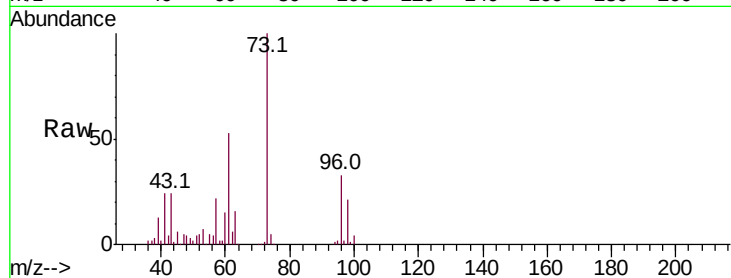
Tot Ion: 96 Resp: 164082

Ion Ratio Lower Upper

96 100

61 159.7 126.2 189.4

98 63.8 51.0 76.4



#22

Diisopropyl ether

Concen: 49.670 ug/l

RT: 5.90 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VN063406.D

Acq: 17 Sep 2020 8:39

Tgt Ion: 45 Resp: 610479

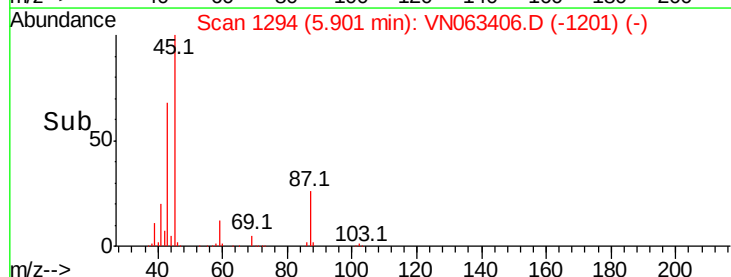
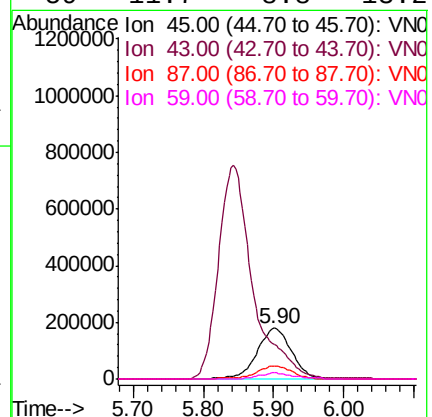
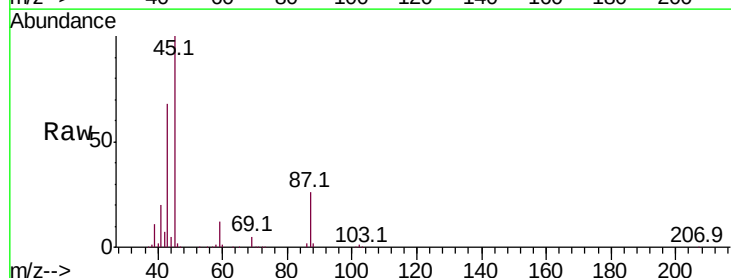
Ion Ratio Lower Upper

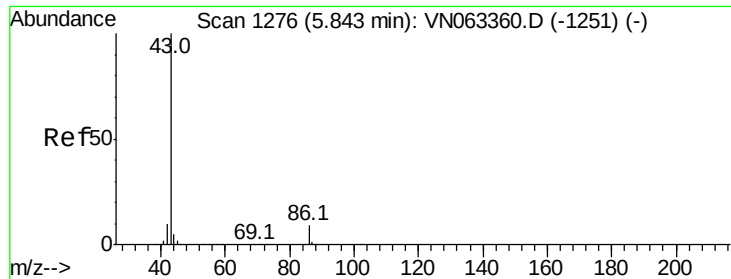
45 100

43 66.4 53.5 80.3

87 26.0 21.2 31.8

59 11.7 8.8 13.2





#23

Vinyl Acetate

Concen: 254.975 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. -0.00 min

Lab File: VN063406.D

Acq: 17 Sep 2020 8:39

Instrument :

MSVOA_N

ClientSampleId :

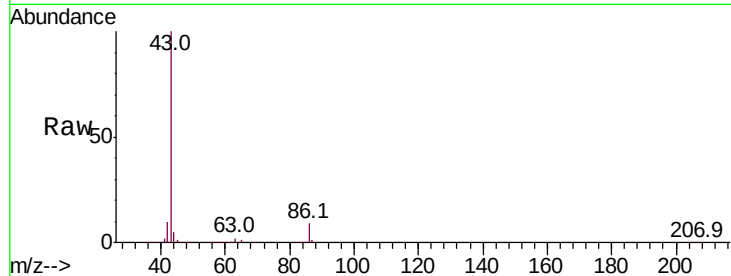
VSTDCCC050EC

Tot Ion: 43 Resp: 2573701

Ion Ratio Lower Upper

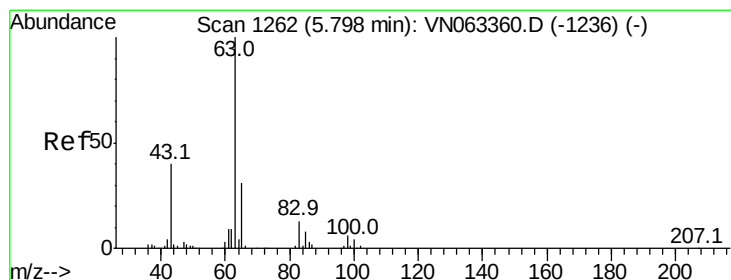
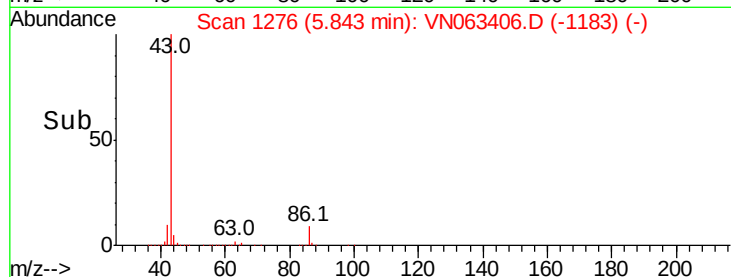
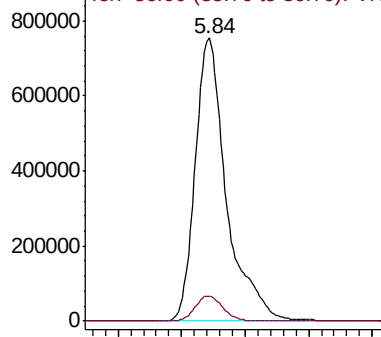
43 100

86 8.9 7.1 10.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 49.716 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. -0.00 min

Lab File: VN063406.D

Acq: 17 Sep 2020 8:39

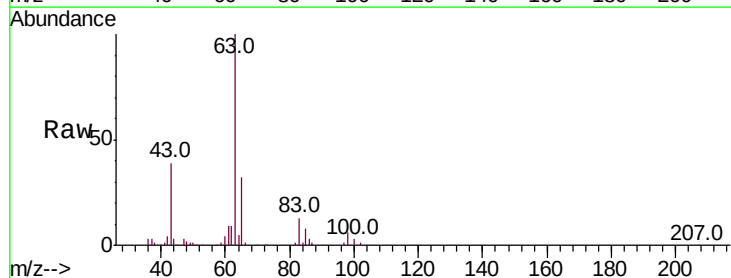
Tgt Ion: 63 Resp: 333600

Ion Ratio Lower Upper

63 100

98 6.0 2.9 8.8

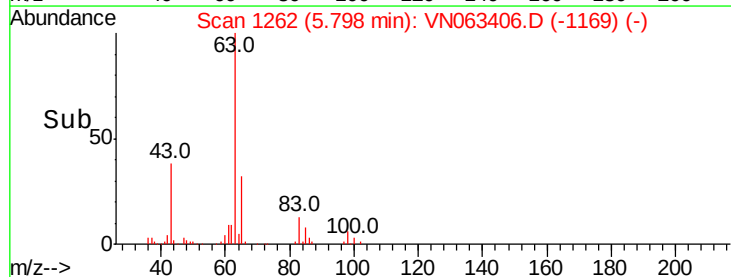
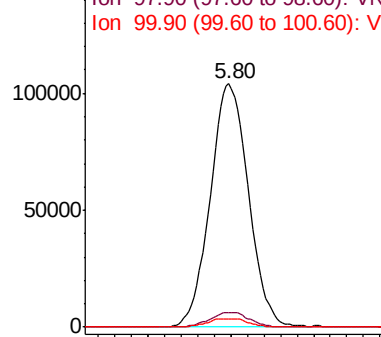
100 3.3 2.1 6.3

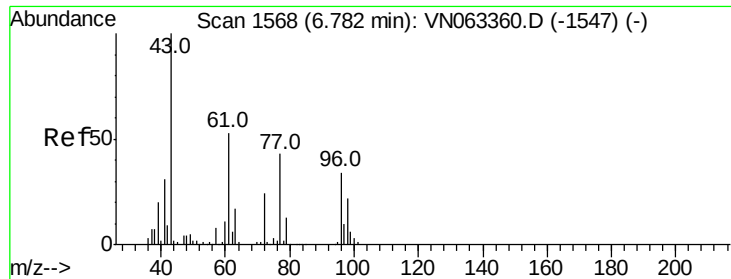


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 260.905 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VN063406.D

Acq: 17 Sep 2020 8:39

Instrument :

MSVOA_N

ClientSampleId :

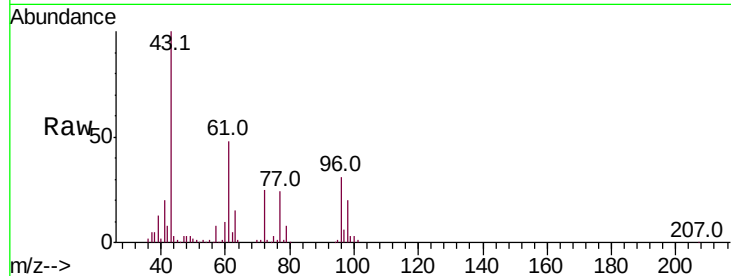
VSTDCCC050EC

Tot Ion: 43 Resp: 592666

Ion Ratio Lower Upper

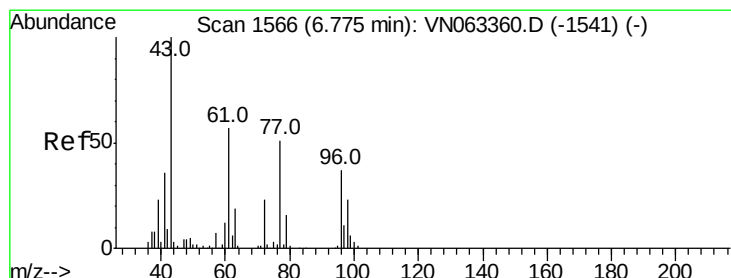
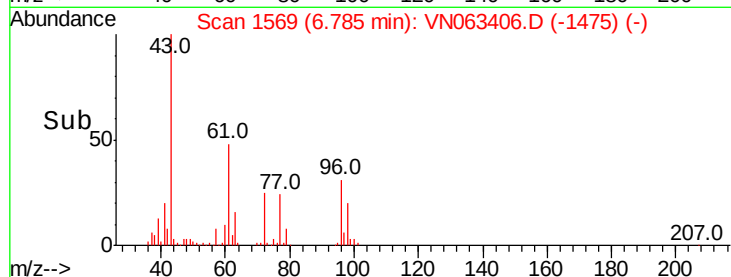
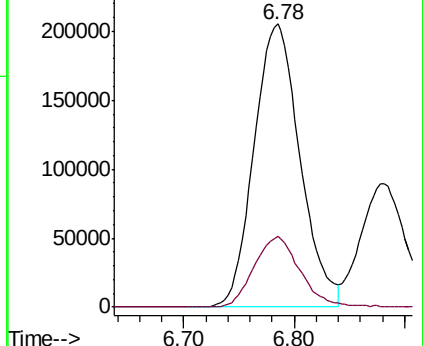
43 100

72 24.9 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 31.377 ug/l

RT: 6.77 min Scan# 1565

Delta R.T. -0.00 min

Lab File: VN063406.D

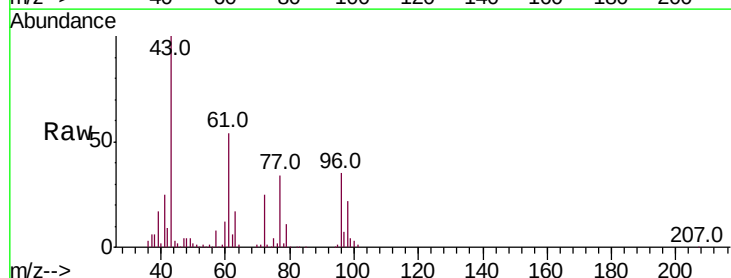
Acq: 17 Sep 2020 8:39

Tgt Ion: 77 Resp: 185374

Ion Ratio Lower Upper

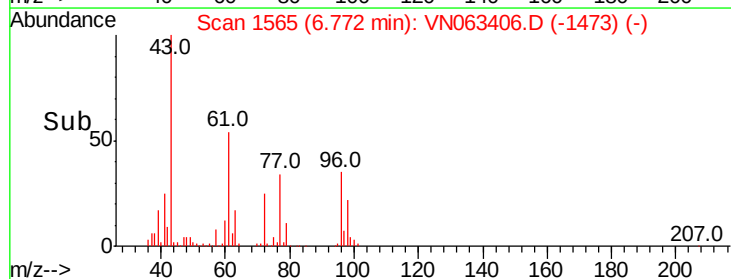
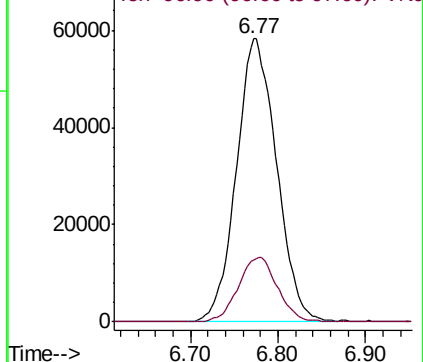
77 100

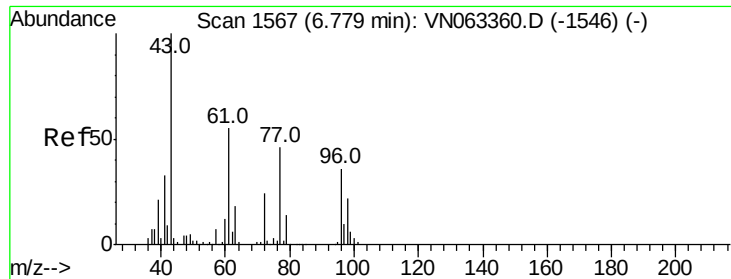
97 22.2 10.5 31.6



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0

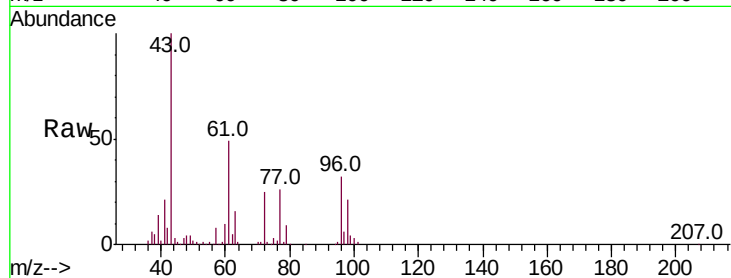




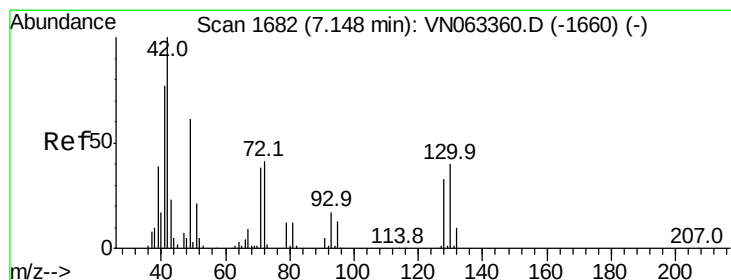
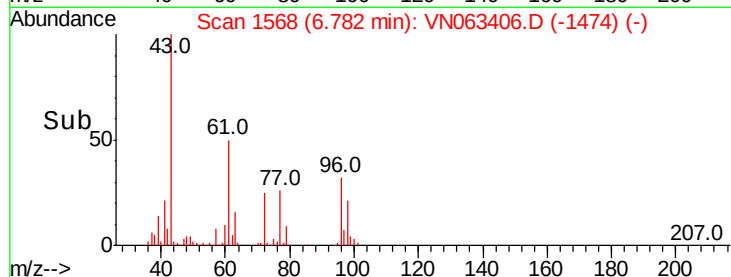
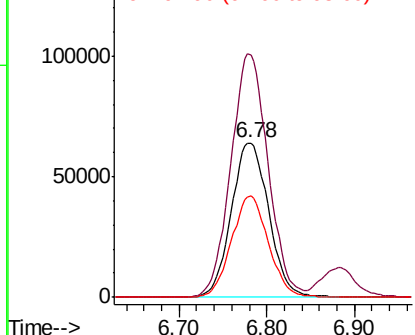
#27
 cis-1,2-Dichloroethene
 Concen: 49.911 ug/l
 RT: 6.78 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: VN063406.D
 Acq: 17 Sep 2020 8:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	156.1	0.0	319.6
98	64.5	0.0	127.8

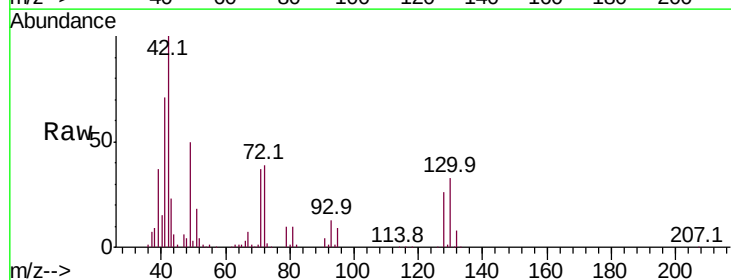


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

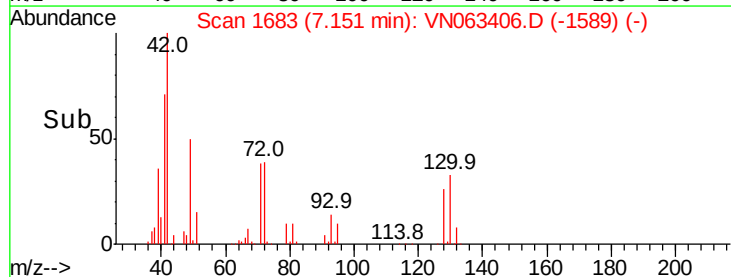
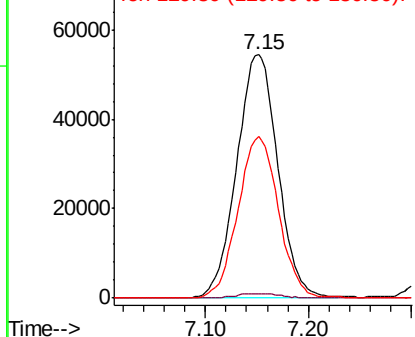


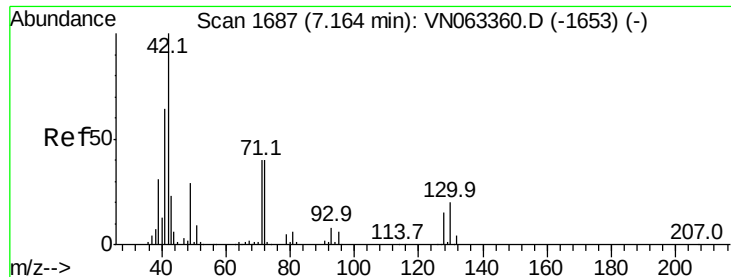
#28
 Bromochloromethane
 Concen: 48.776 ug/l
 RT: 7.15 min Scan# 1683
 Delta R.T. 0.00 min
 Lab File: VN063406.D
 Acq: 17 Sep 2020 8:39

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.8	0.0	3.8
130	65.3	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: 254.988 ug/l

RT: 7.16 min Scan# 1687

Delta R.T. -0.00 min

Lab File: VN063406.D

Acq: 17 Sep 2020 8:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

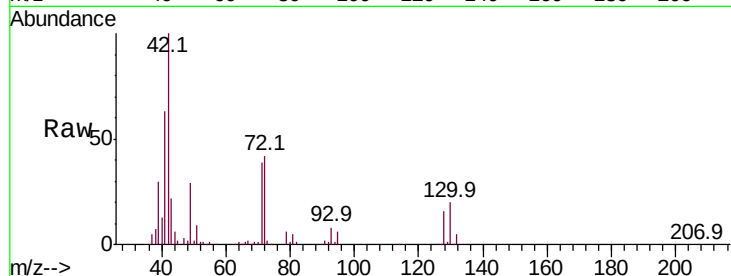
Tot Ion: 42 Resp: 395597

Ion Ratio Lower Upper

42 100

72 40.8 32.1 48.1

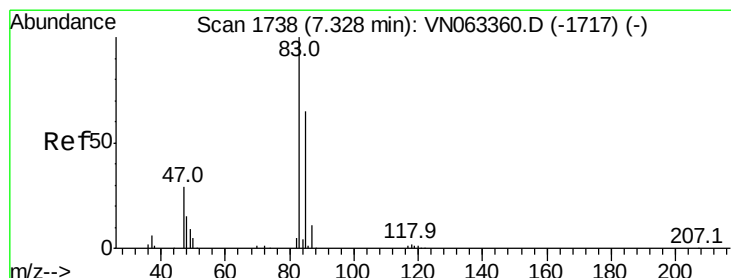
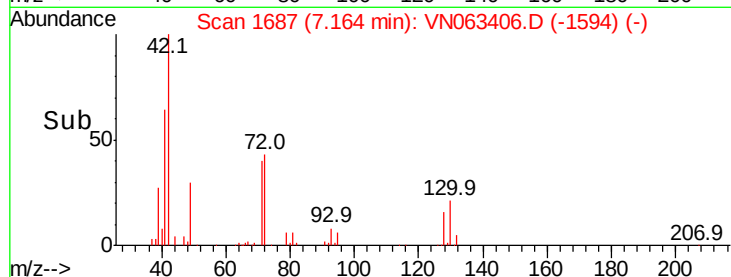
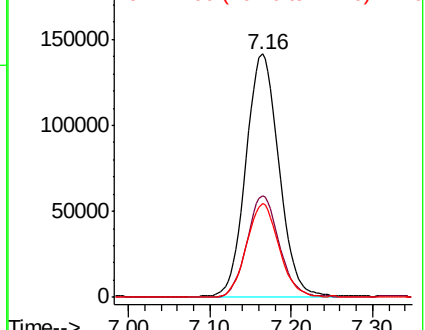
71 38.0 31.2 46.8



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 49.791 ug/l

RT: 7.33 min Scan# 1738

Delta R.T. -0.00 min

Lab File: VN063406.D

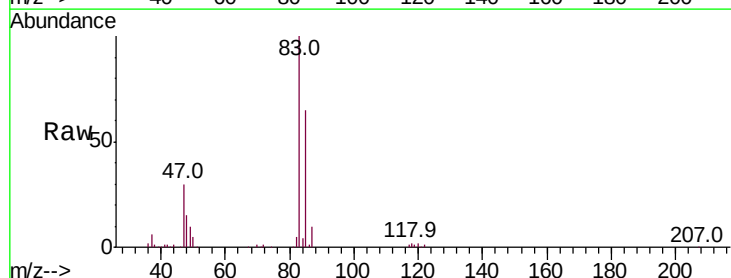
Acq: 17 Sep 2020 8:39

Tgt Ion: 83 Resp: 335201

Ion Ratio Lower Upper

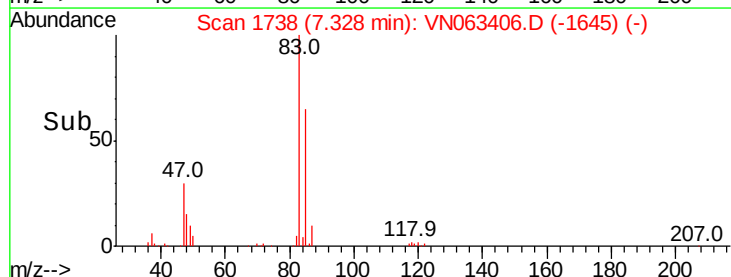
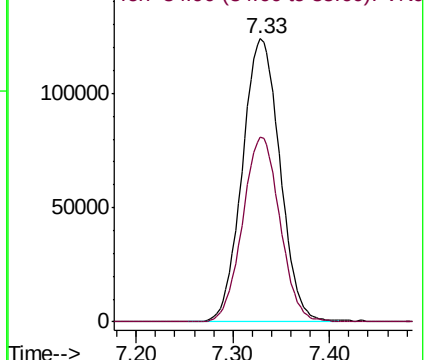
83 100

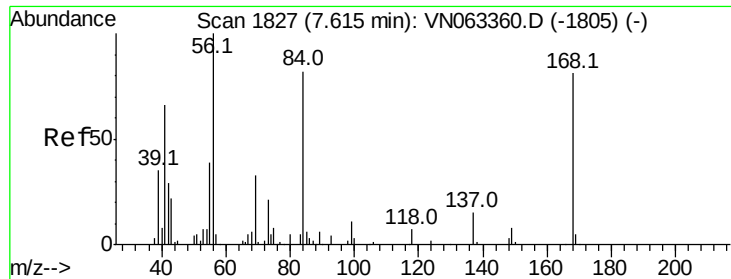
85 65.4 52.1 78.1



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

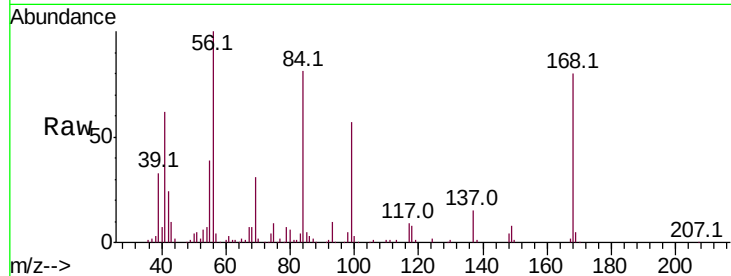




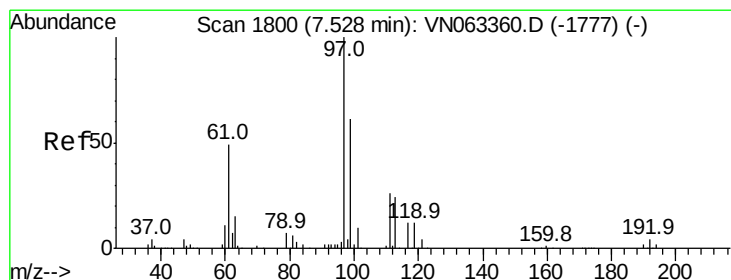
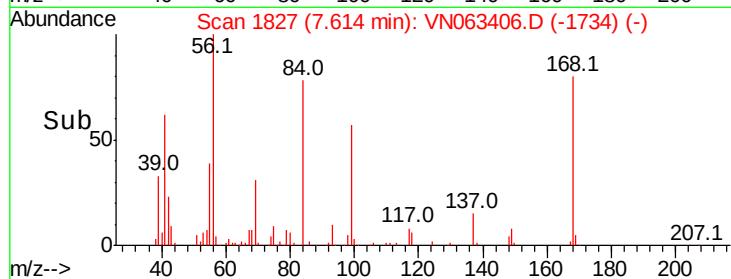
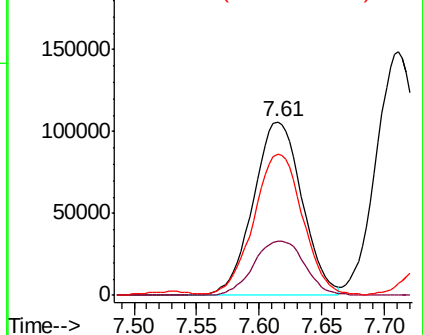
#31
Cyclohexane
Concen: 45.217 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. -0.00 min
Lab File: VN063406.D
Acq: 17 Sep 2020 8:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 56 Resp: 287000
Ion Ratio Lower Upper
56 100
69 31.2 26.1 39.1
84 80.0 65.4 98.2

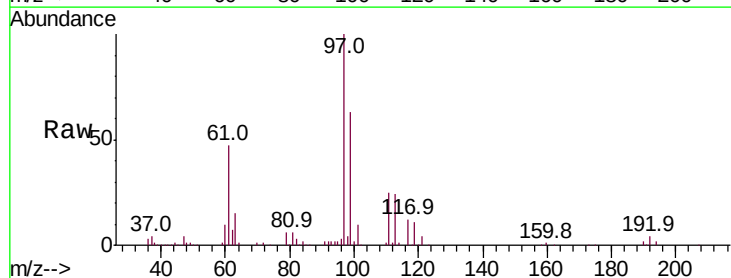


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

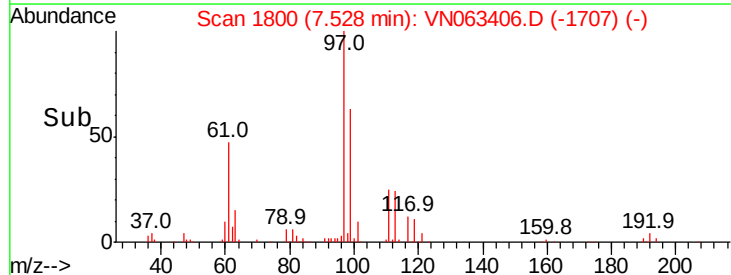
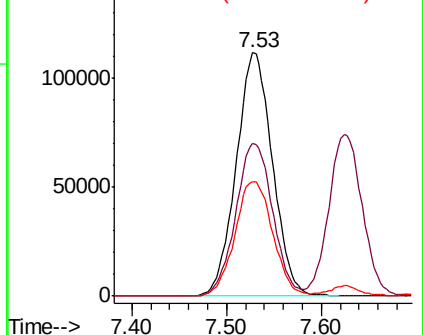


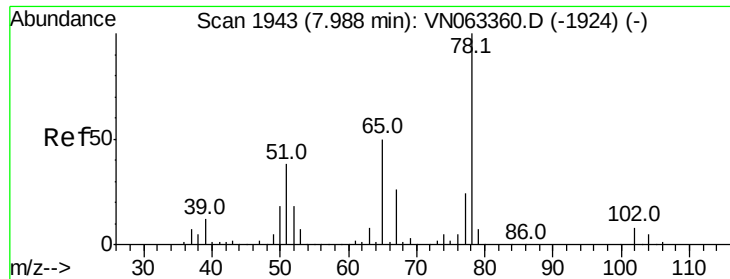
#32
1,1,1-Trichloroethane
Concen: 49.641 ug/l
RT: 7.53 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VN063406.D
Acq: 17 Sep 2020 8:39

Tgt Ion: 97 Resp: 297241
Ion Ratio Lower Upper
97 100
99 63.9 50.6 76.0
61 49.0 39.2 58.8



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

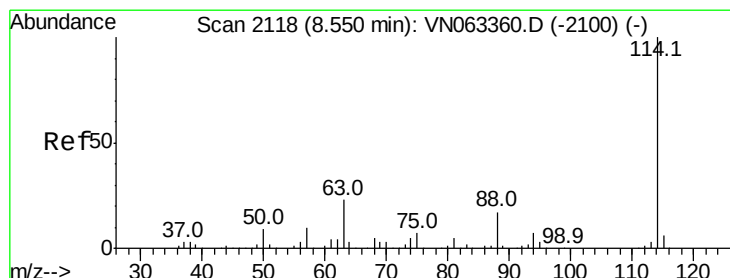
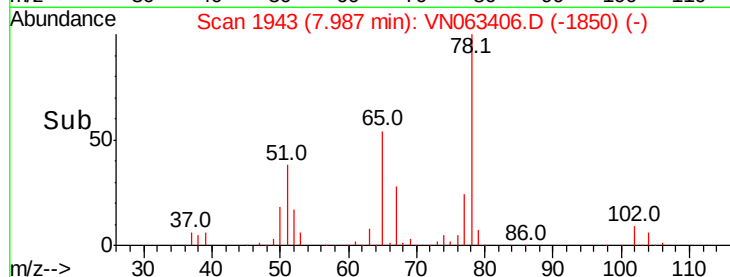
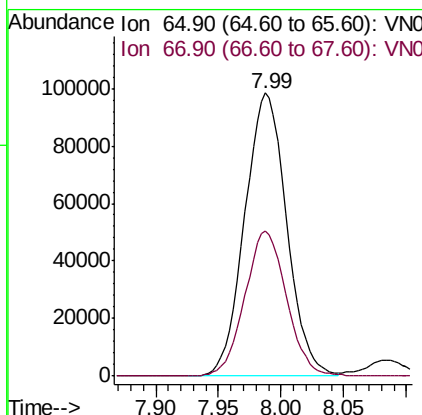
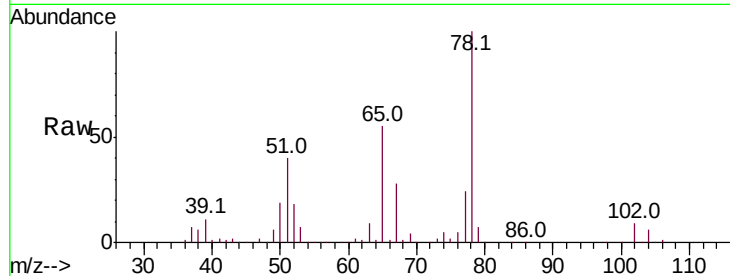




#33
 1,2-Dichloroethane-d4
 Concen: 49.893 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN063406.D
 Acq: 17 Sep 2020 8:39

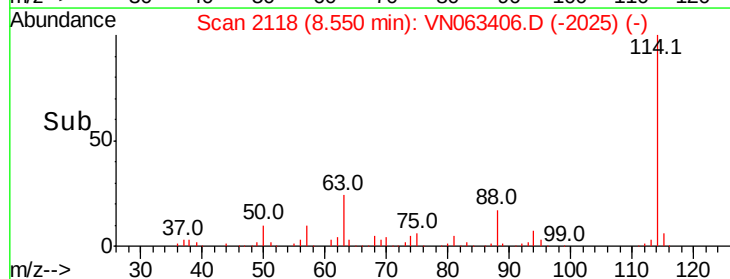
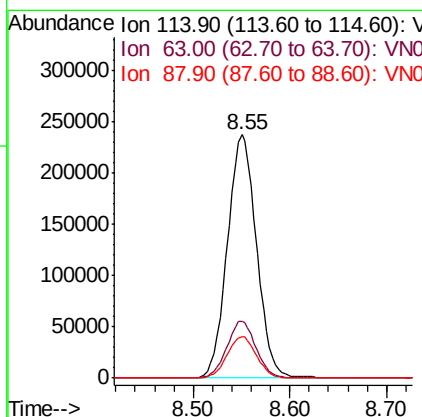
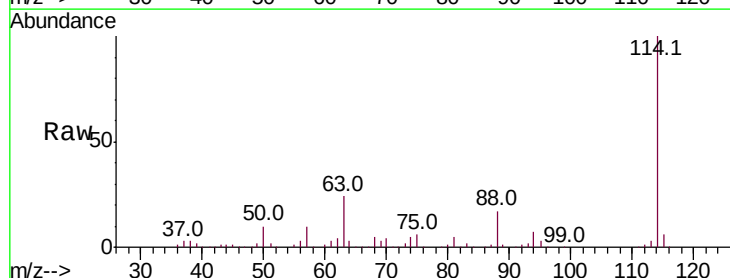
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

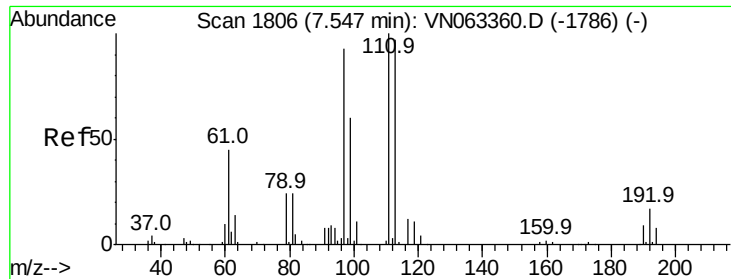
Tot Ion: 65 Resp: 229293
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063406.D
 Acq: 17 Sep 2020 8:39

Tgt Ion: 114 Resp: 497099
 Ion Ratio Lower Upper
 114 100
 63 23.5 0.0 46.4
 88 17.1 0.0 33.2

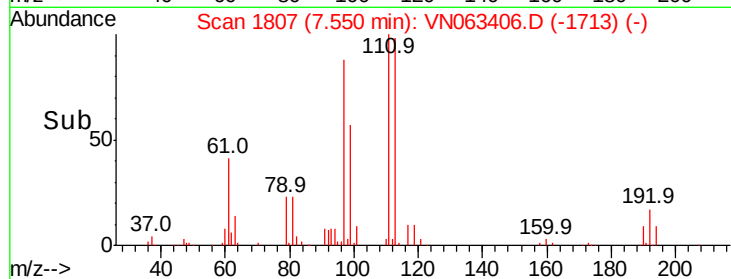
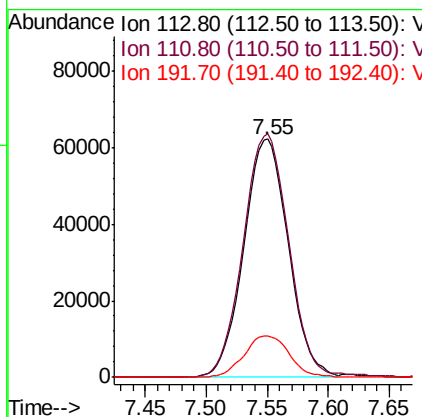
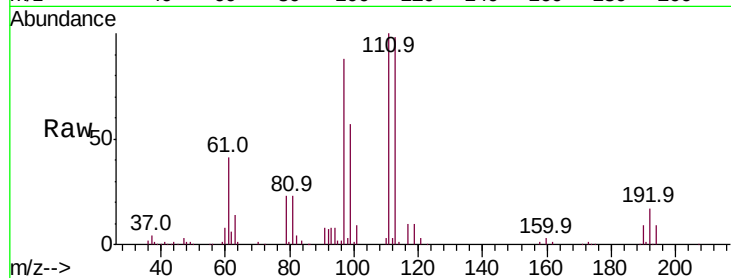




#35
 Dibromofluoromethane
 Concen: 45.824 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063406.D
 Acq: 17 Sep 2020 8:39

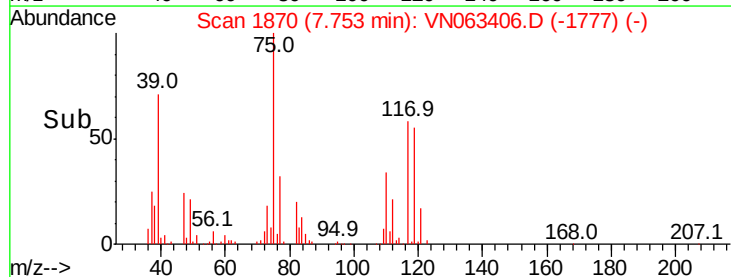
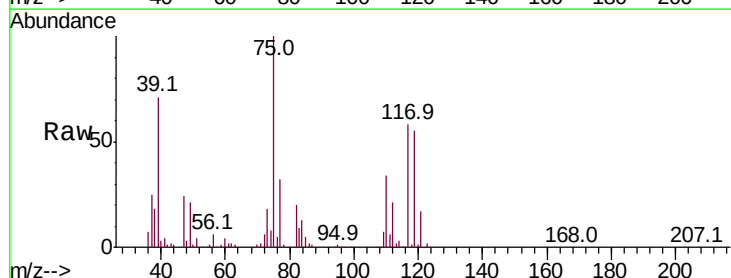
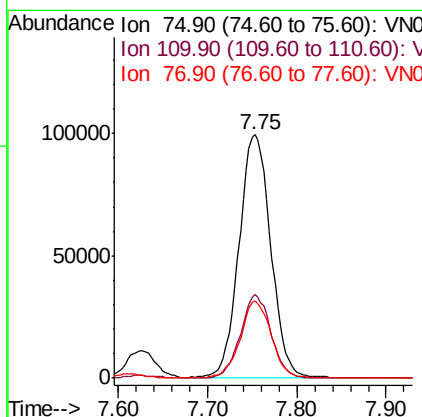
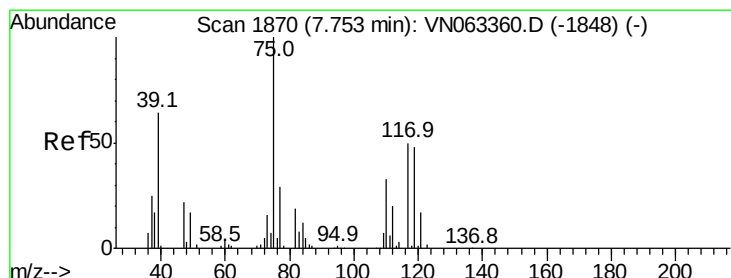
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

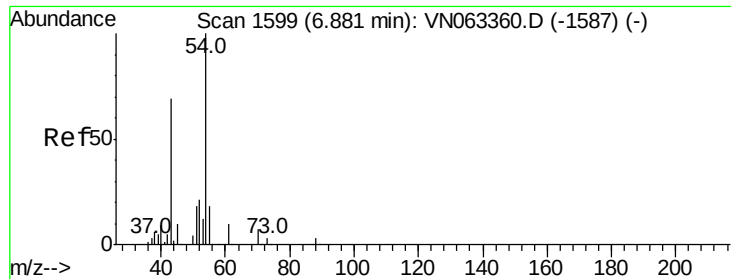
Tot Ion:113 Resp: 157694
 Ion Ratio Lower Upper
 113 100
 111 105.0 82.9 124.3
 192 17.7 13.9 20.9



#36
 1,1-Dichloropropene
 Concen: 46.136 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN063406.D
 Acq: 17 Sep 2020 8:39

Tgt Ion: 75 Resp: 244329
 Ion Ratio Lower Upper
 75 100
 110 33.1 16.5 49.5
 77 31.2 24.6 36.8

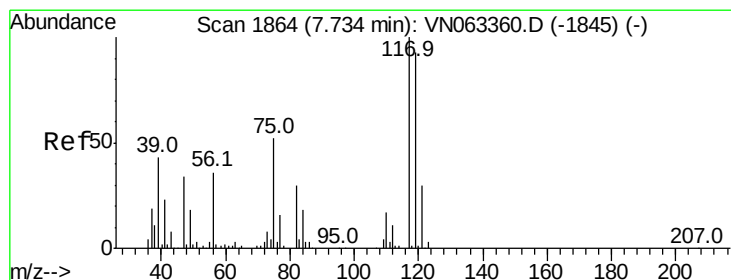
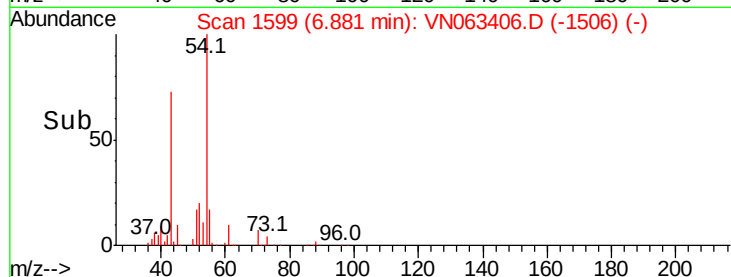
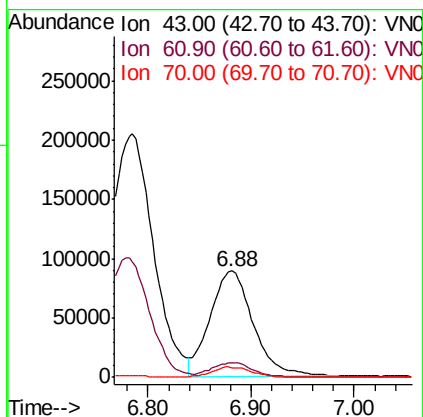
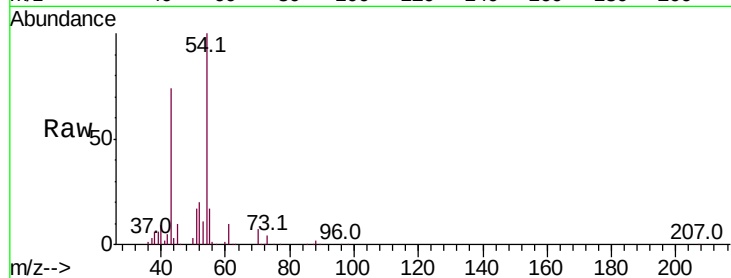




#37
Ethyl Acetate
Concen: 49.579 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VN063406.D
Acq: 17 Sep 2020 8:39

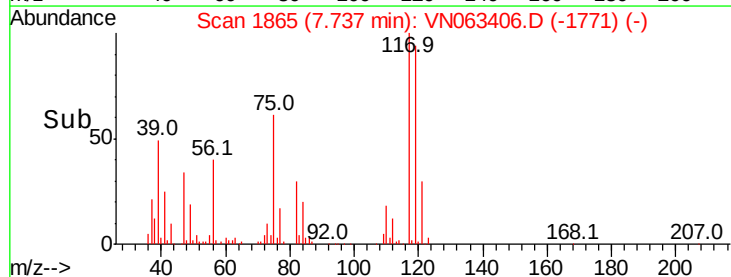
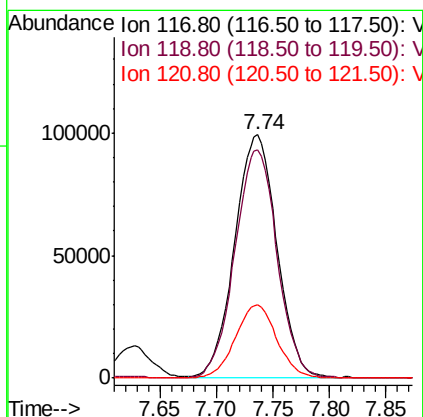
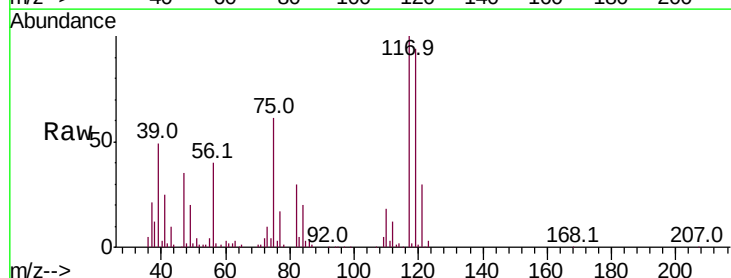
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

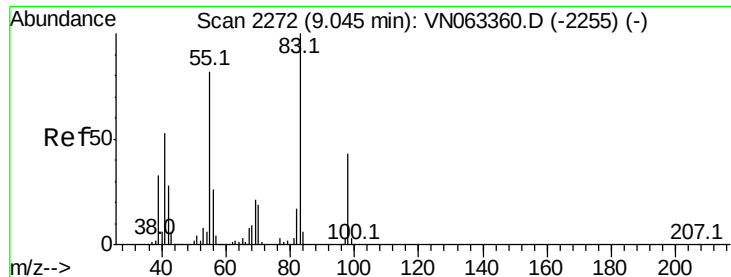
Tot Ion: 43 Resp: 257695
Ion Ratio Lower Upper
43 100
61 12.9 10.6 15.8
70 9.6 7.2 10.8



#38
Carbon Tetrachloride
Concen: 47.497 ug/l
RT: 7.74 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN063406.D
Acq: 17 Sep 2020 8:39

Tgt Ion: 117 Resp: 256771
Ion Ratio Lower Upper
117 100
119 93.5 74.5 111.7
121 30.1 24.1 36.1

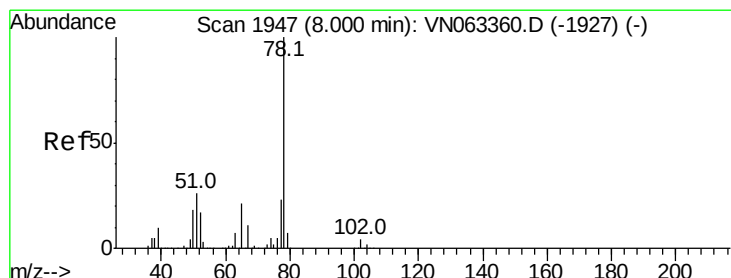
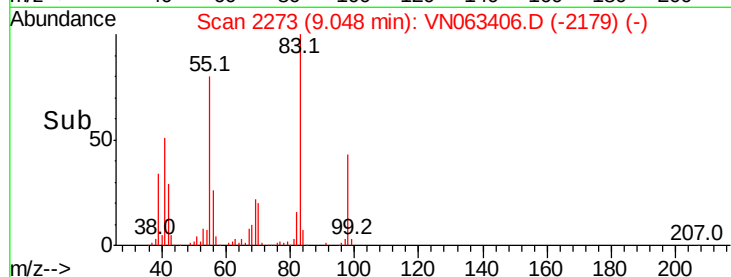
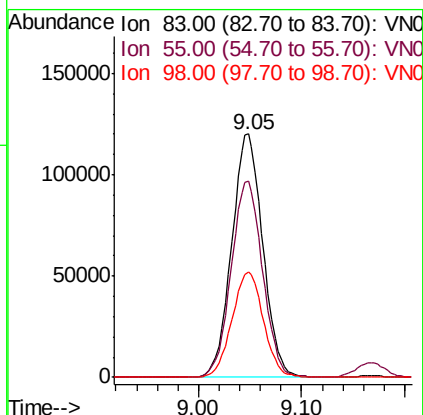
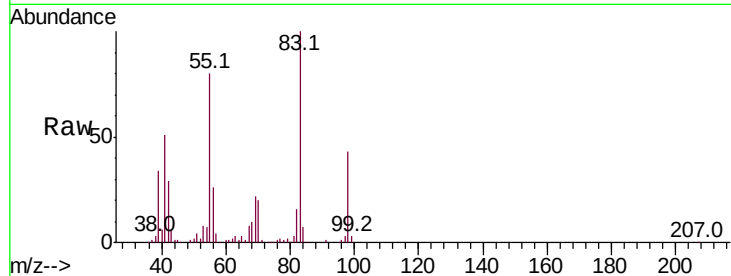




#39
Methylvlcyclohexane
Concen: 43.809 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN063406.D
Acq: 17 Sep 2020 8:39

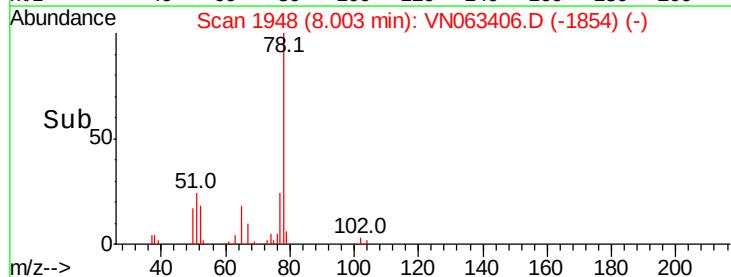
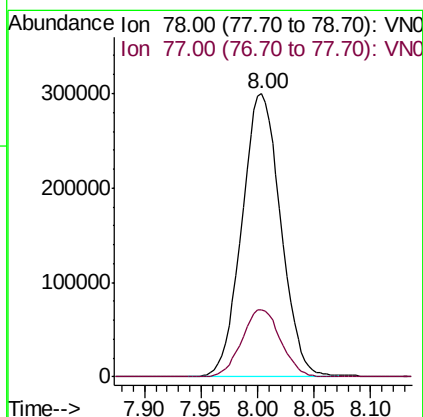
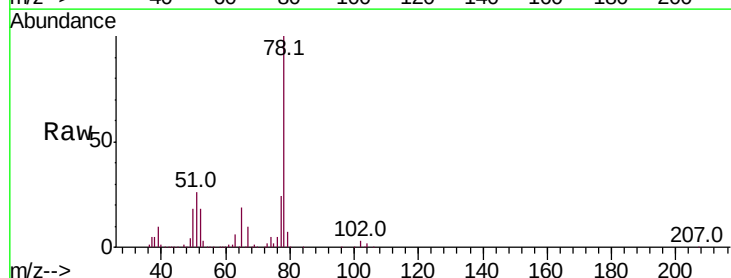
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

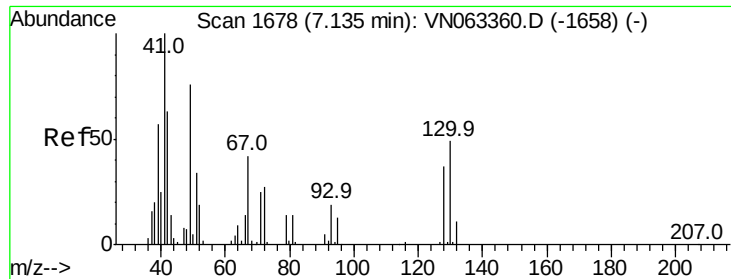
Tot Ion: 83 Resp: 251804
Ion Ratio Lower Upper
83 100
55 80.4 65.5 98.3
98 43.5 34.2 51.4



#40
Benzene
Concen: 47.395 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063406.D
Acq: 17 Sep 2020 8:39

Tgt Ion: 78 Resp: 716503
Ion Ratio Lower Upper
78 100
77 23.9 18.3 27.5

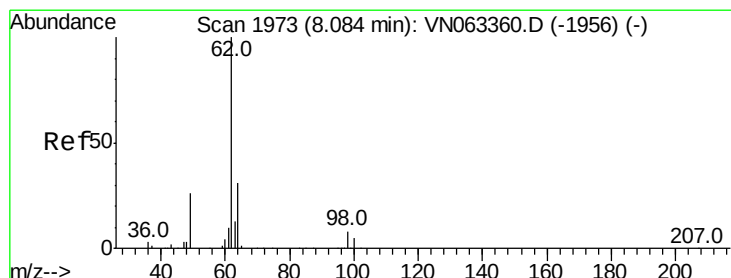
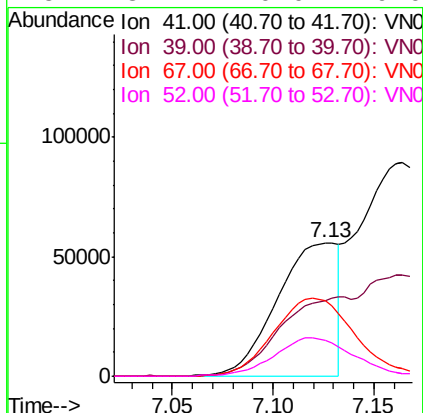
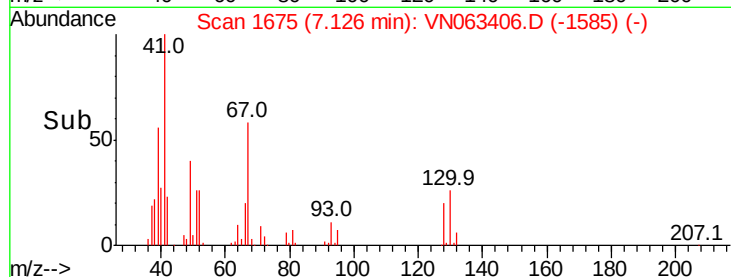
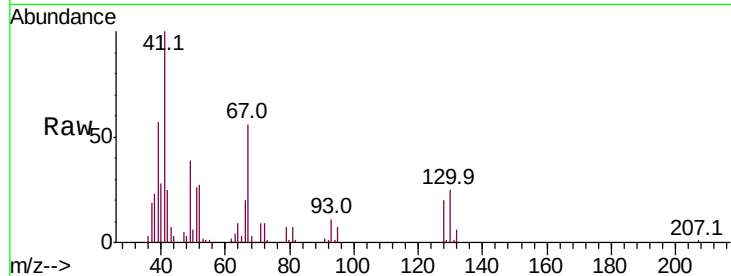




#41
Methacrylonitrile
Concen: 49.582 ug/l
RT: 7.13 min Scan# 1675
Delta R.T. -0.01 min
Lab File: VN063406.D
Acq: 17 Sep 2020 8:39

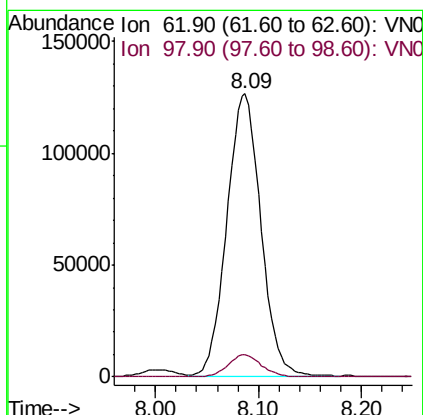
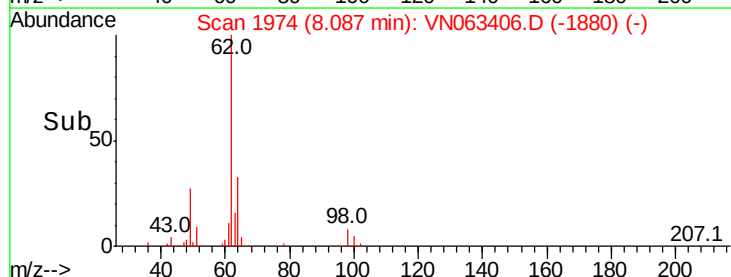
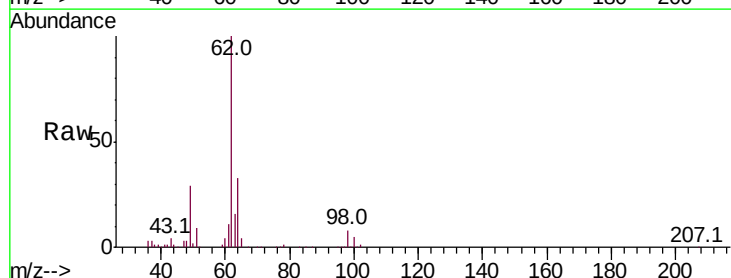
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

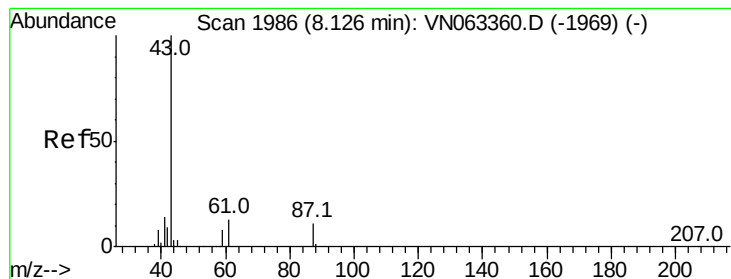
Tot Ion: 41 Resp: 115910
Ion Ratio Lower Upper
41 100
39 68.3 0.0 0.0#
67 80.0 0.0 0.0#
52 37.1 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 47.733 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN063406.D
Acq: 17 Sep 2020 8:39

Tgt Ion: 62 Resp: 290201
Ion Ratio Lower Upper
62 100
98 7.7 0.0 15.6





#43

Isopropyl Acetate

Concen: 47.988 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN063406.D

Acq: 17 Sep 2020 8:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

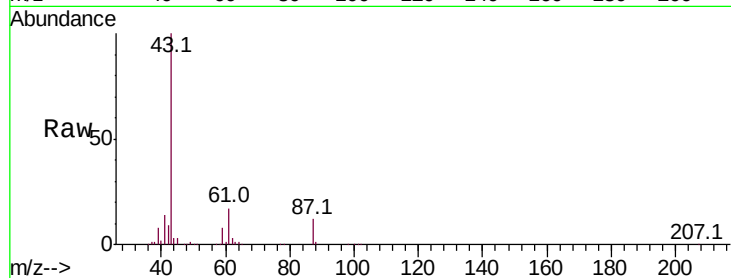
Tot Ion: 43 Resp: 446004

Ion Ratio Lower Upper

43 100

61 24.4 14.2 21.2#

87 11.7 9.0 13.6

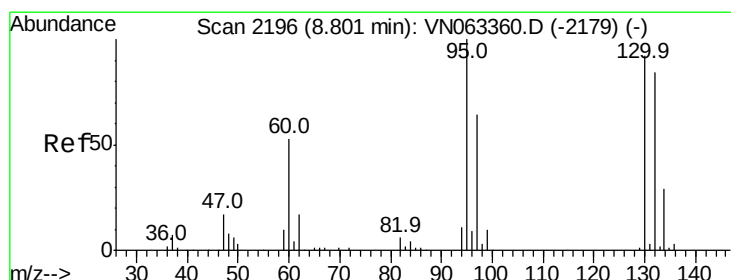
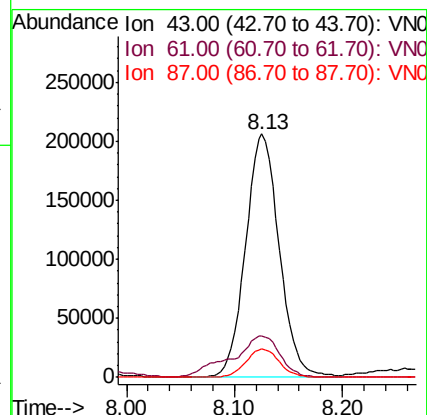
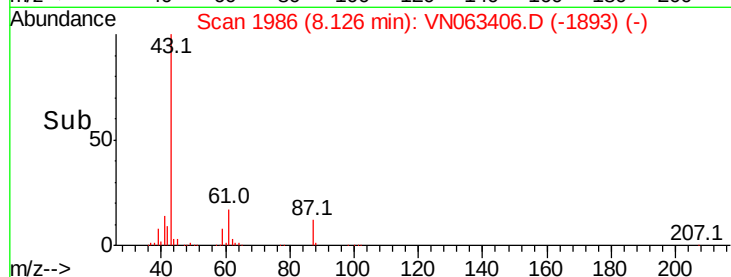


Abundance Ion 43.00 (42.70 to 43.70): VN063360.D (-1969) (-)

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

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

Time--> 8.00 8.10 8.20



#44

Trichloroethene

Concen: 47.341 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN063406.D

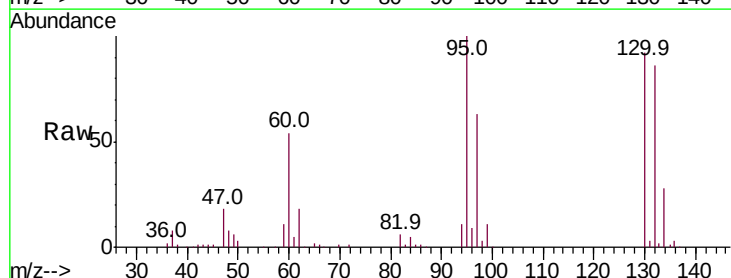
Acq: 17 Sep 2020 8:39

Tgt Ion: 130 Resp: 173587

Ion Ratio Lower Upper

130 100

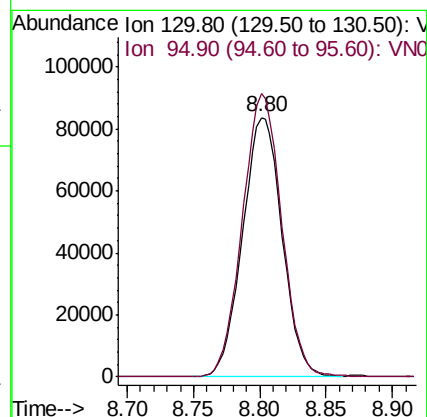
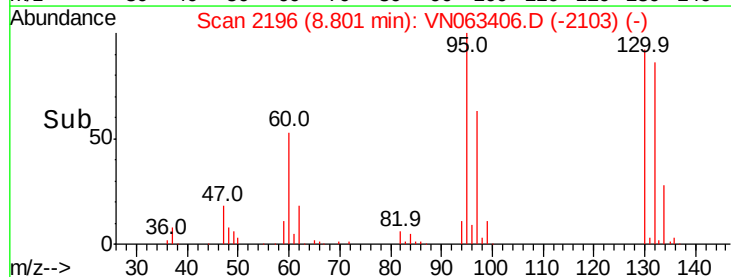
95 109.1 0.0 217.4

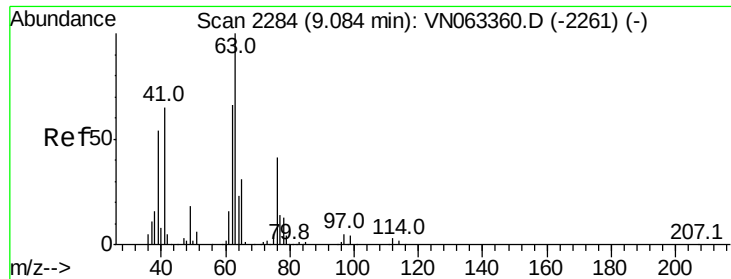


Abundance Ion 129.80 (129.50 to 130.50): VN063360.D (-2179) (-)

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

Time--> 8.70 8.75 8.80 8.85 8.90

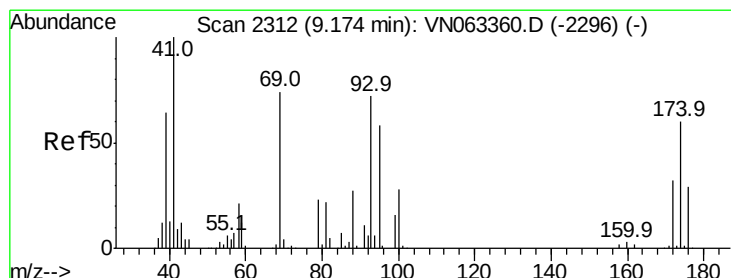
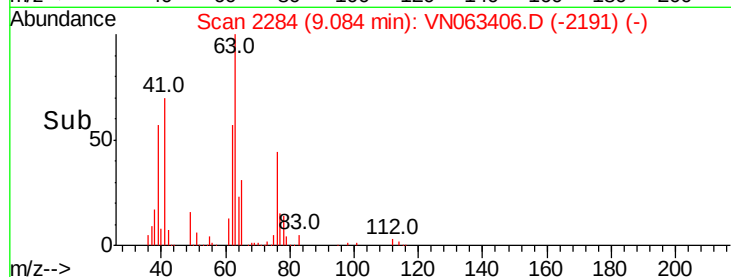
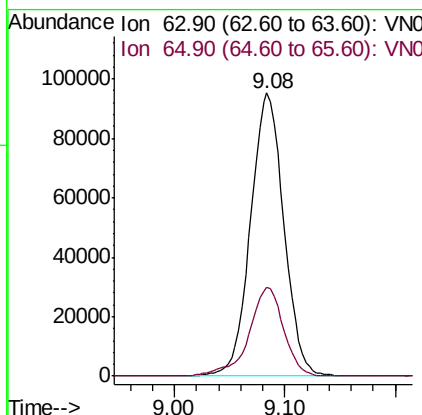
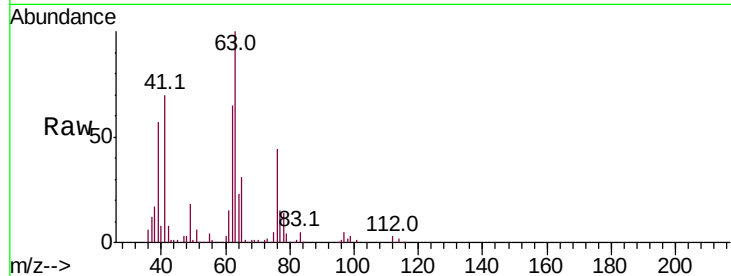




#45
 1,2-Dichloropropane
 Concen: 48.236 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN063406.D
 Acq: 17 Sep 2020 8:39

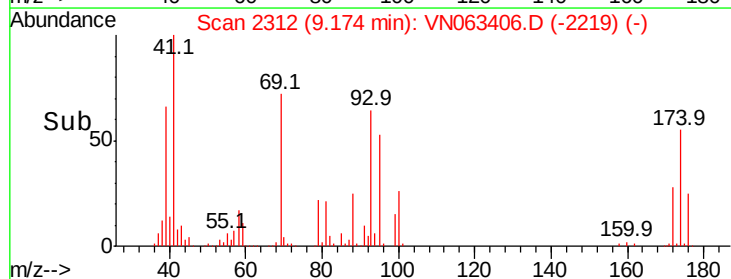
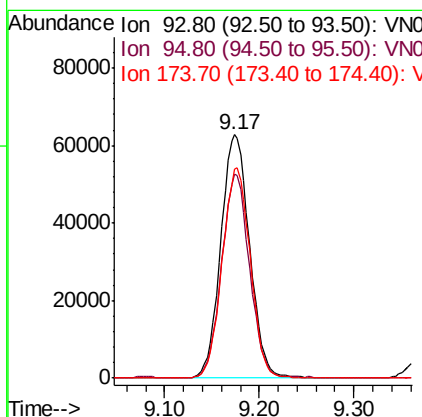
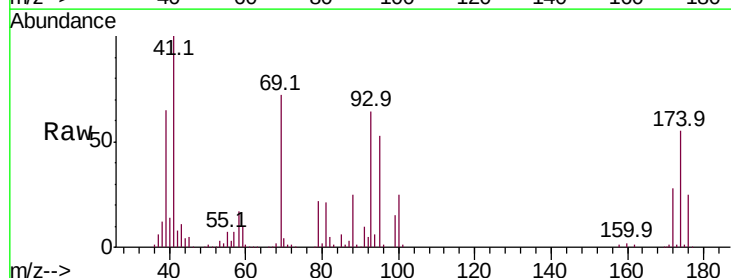
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

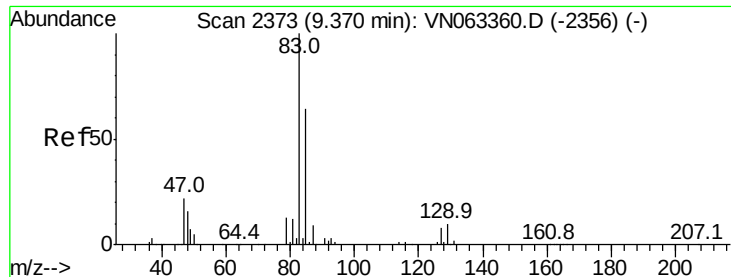
Tot Ion: 63 Resp: 198608
 Ion Ratio Lower Upper
 63 100
 65 31.4 25.0 37.6



#46
 Dibromomethane
 Concen: 49.049 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN063406.D
 Acq: 17 Sep 2020 8:39

Tgt Ion: 93 Resp: 132738
 Ion Ratio Lower Upper
 93 100
 95 81.5 65.6 98.4
 174 84.0 68.1 102.1





#47

Bromodichloromethane

Concen: 49.017 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN063406.D

Acq: 17 Sep 2020 8:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

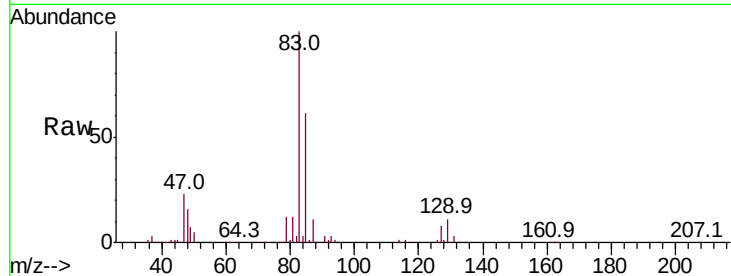
Tot Ion: 83 Resp: 275578

Ion Ratio Lower Upper

83 100

85 60.9 51.0 76.6

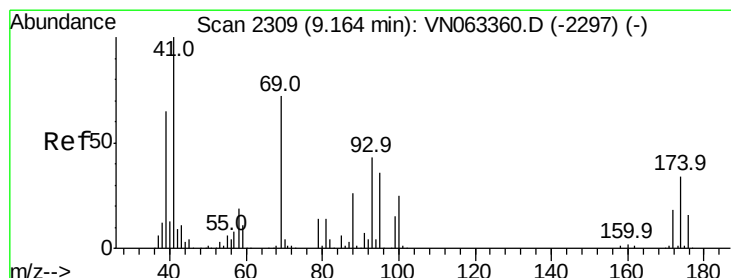
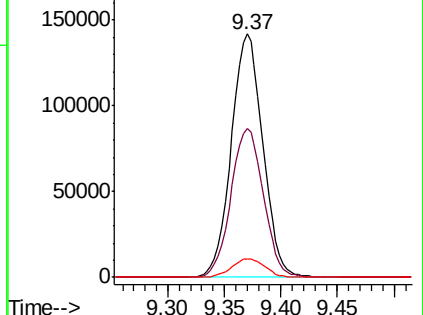
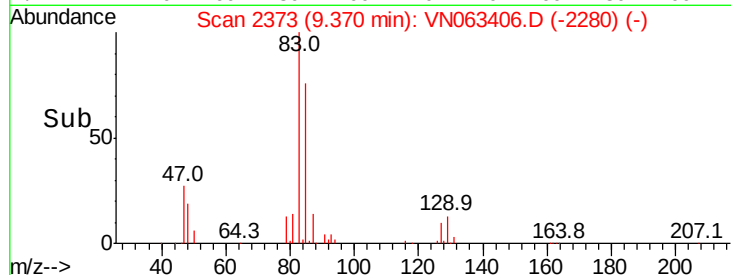
127 7.6 6.3 9.5



Abundance Ion 82.90 (82.60 to 83.60): VN063406.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN063406.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN063406.D (-2280) (-)



#48

Methyl methacrylate

Concen: 49.010 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN063406.D

Acq: 17 Sep 2020 8:39

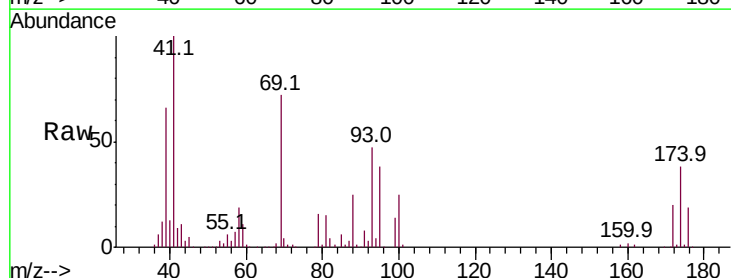
Tgt Ion: 41 Resp: 223789

Ion Ratio Lower Upper

41 100

69 73.3 59.3 88.9

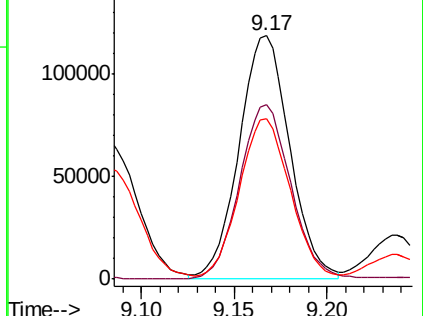
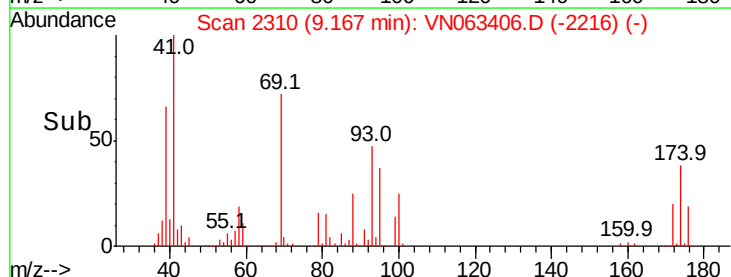
39 66.8 52.9 79.3

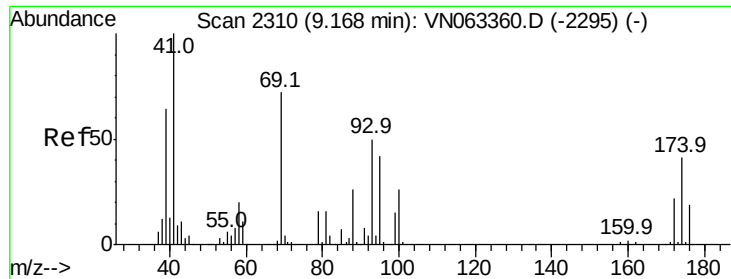


Abundance Ion 41.00 (40.70 to 41.70): VN063406.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN063406.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN063406.D (-2216) (-)





#49

1,4-Dioxane

Concen: 960.097 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN063406.D

Acq: 17 Sep 2020 8:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

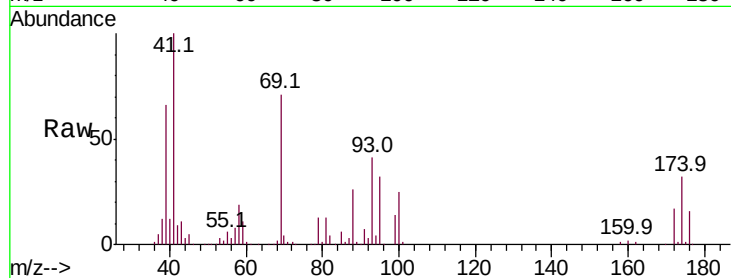
Tot Ion: 88 Resp: 62913

Ion Ratio Lower Upper

88 100

43 38.9 32.6 49.0

58 71.9 60.0 90.0

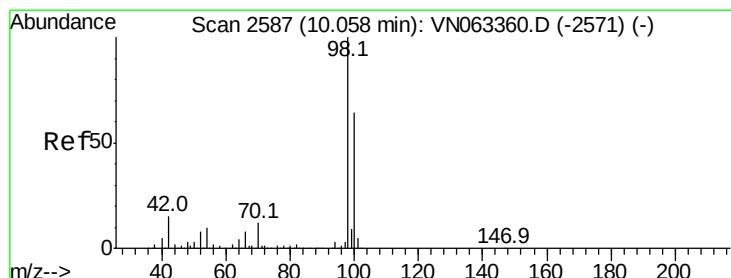
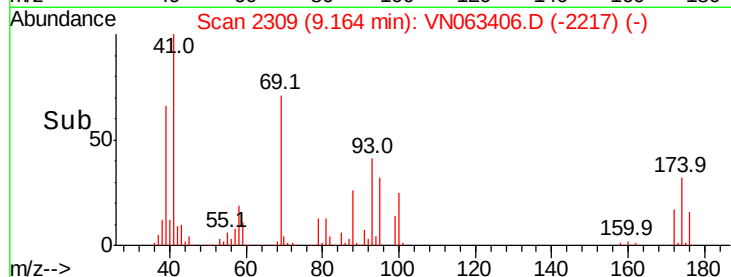
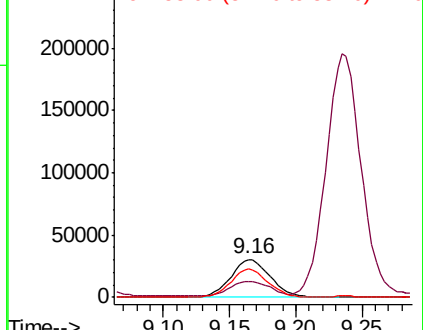


Abundance

Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 47.573 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063406.D

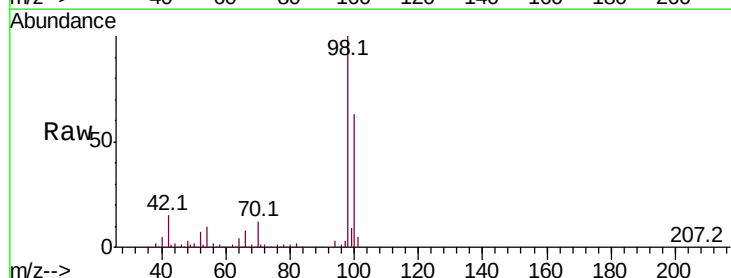
Acq: 17 Sep 2020 8:39

Tgt Ion: 98 Resp: 615594

Ion Ratio Lower Upper

98 100

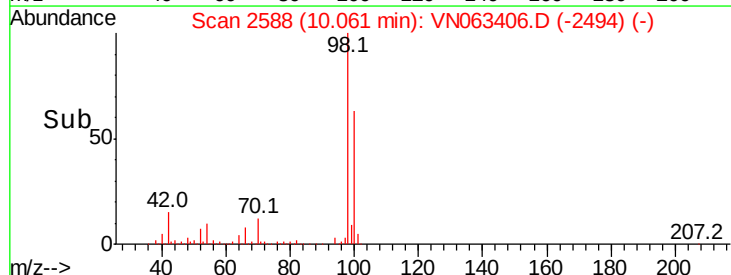
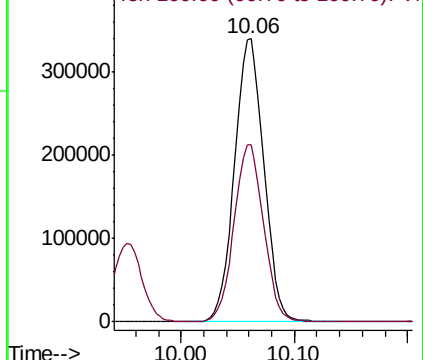
100 62.7 50.7 76.1

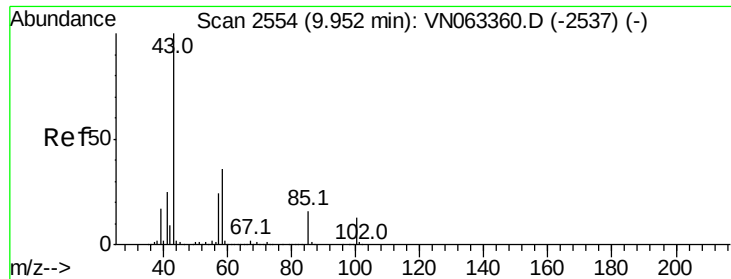


Abundance

Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

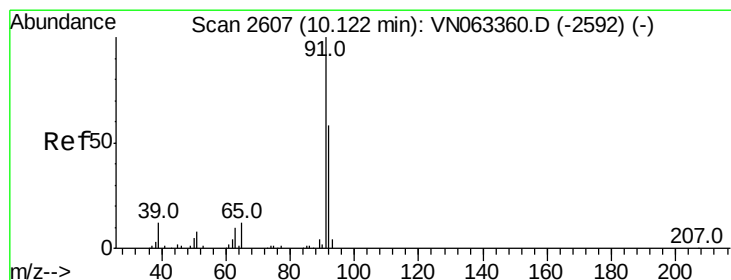
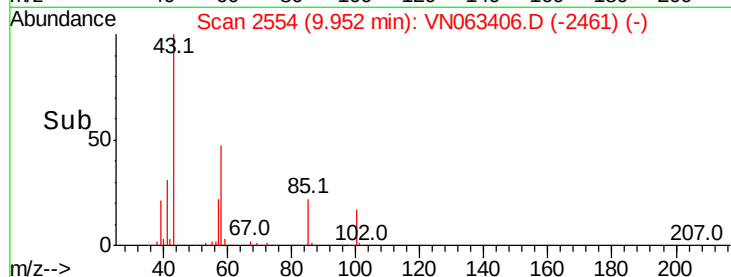
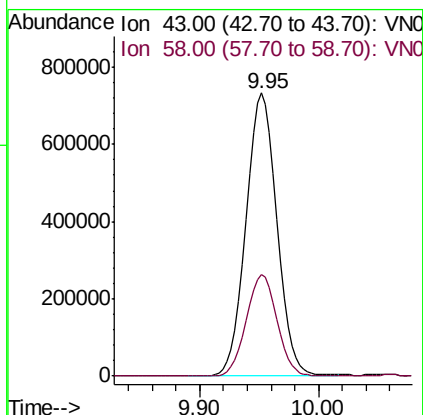
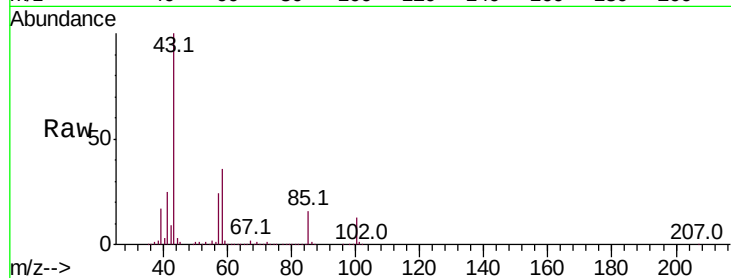




#51
 4-Methyl-2-Pentanone
 Concen: 253.068 ug/l
 RT: 9.95 min Scan# 2554
 Delta R.T. -0.00 min
 Lab File: VN063406.D
 Acq: 17 Sep 2020 8:39

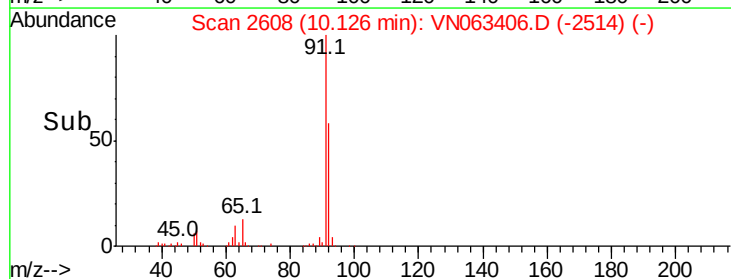
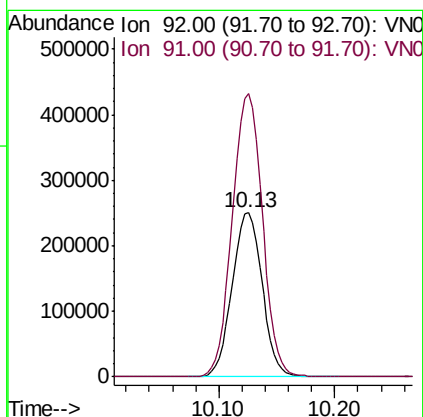
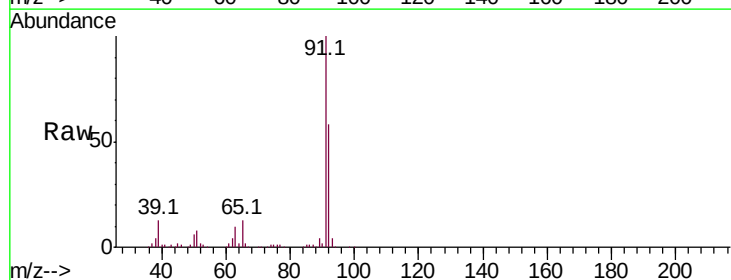
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

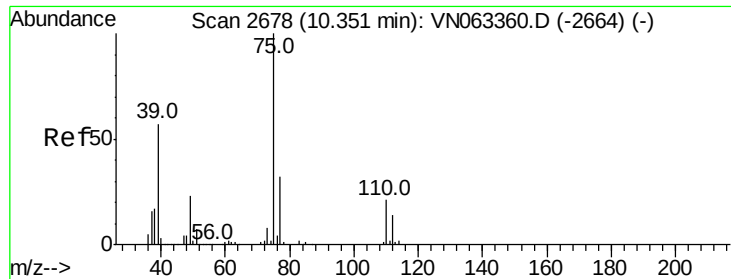
Tot Ion: 43 Resp: 1316740
 Ion Ratio Lower Upper
 43 100
 58 35.8 29.0 43.6



#52
 Toluene
 Concen: 49.508 ug/l
 RT: 10.13 min Scan# 2608
 Delta R.T. 0.00 min
 Lab File: VN063406.D
 Acq: 17 Sep 2020 8:39

Tgt Ion: 92 Resp: 449994
 Ion Ratio Lower Upper
 92 100
 91 173.9 139.7 209.5





#53

t-1,3-Dichloropropene

Concen: 45.697 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. 0.00 min

Lab File: VN063406.D

Acq: 17 Sep 2020 8:39

Instrument :

MSVOA_N

ClientSampleId :

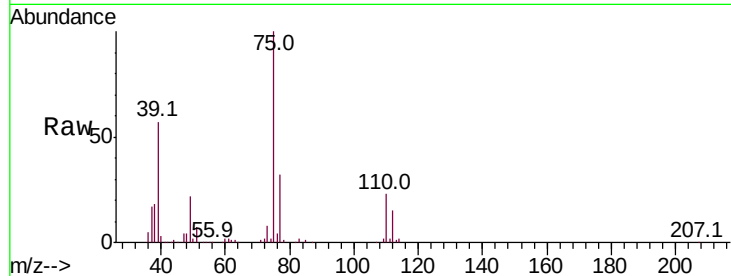
VSTDCCC050EC

Tot Ion: 75 Resp: 286812

Ion Ratio Lower Upper

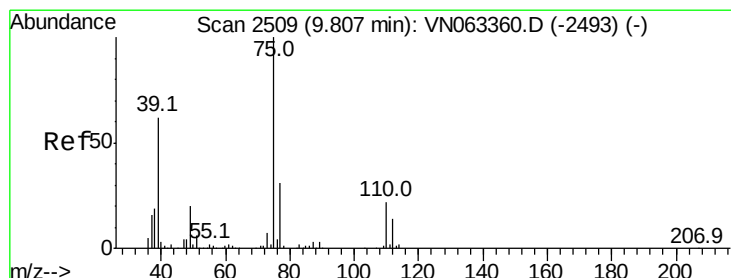
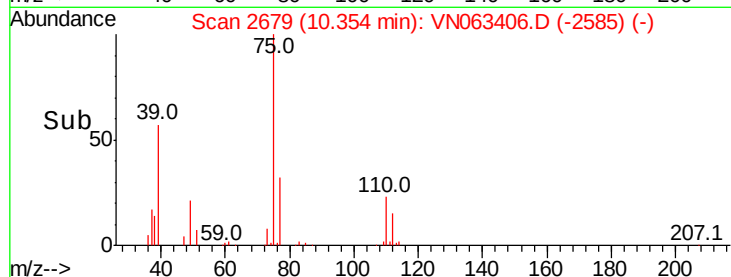
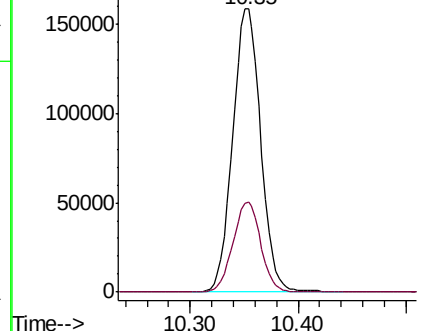
75 100

77 32.0 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 45.174 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN063406.D

Acq: 17 Sep 2020 8:39

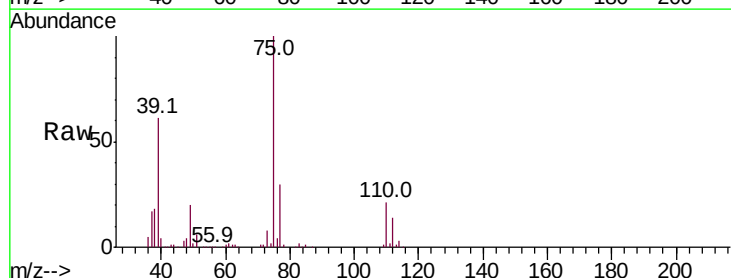
Tgt Ion: 75 Resp: 299069

Ion Ratio Lower Upper

75 100

77 30.3 24.6 37.0

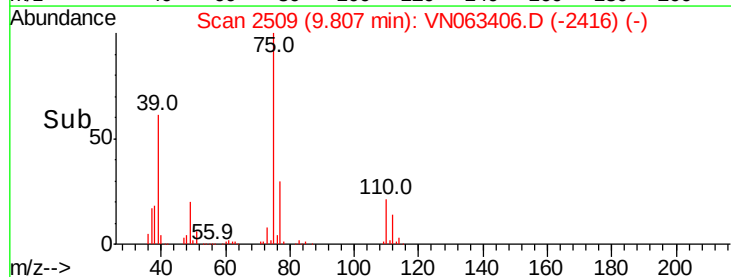
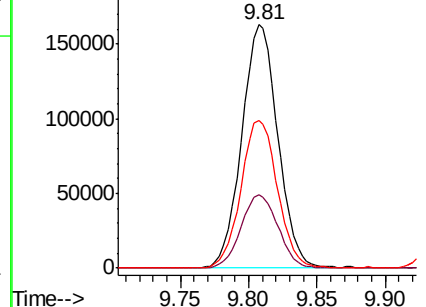
39 60.7 49.8 74.8

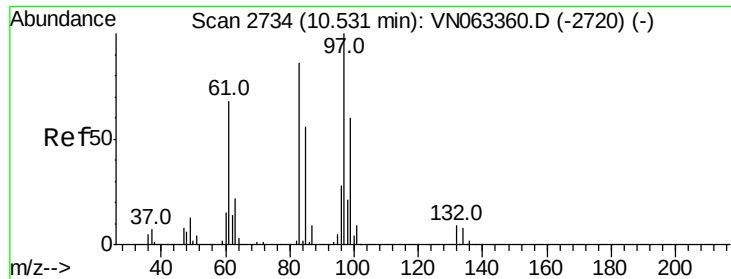


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 49.104 ug/l

RT: 10.53 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN063406.D

Acq: 17 Sep 2020 8:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 177283

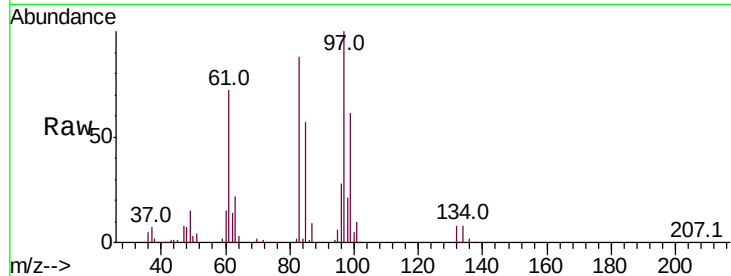
Ion Ratio Lower Upper

97 100

83 87.7 68.9 103.3

85 56.8 44.8 67.2

99 61.2 47.8 71.8

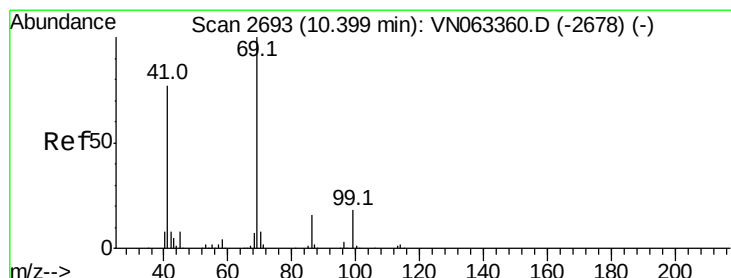
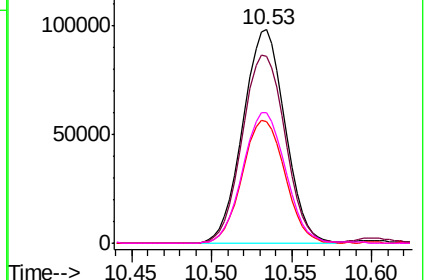
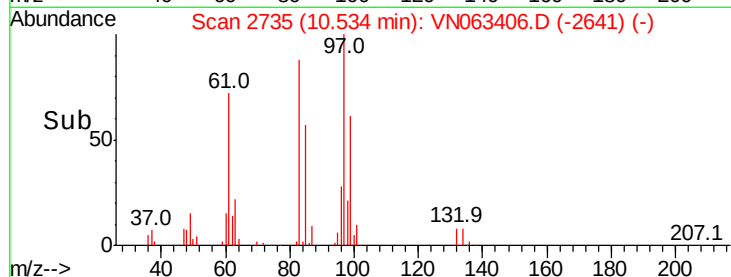


Abundance Ion 96.90 (96.60 to 97.60): VN0

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: 50.773 ug/l

RT: 10.40 min Scan# 2693

Delta R.T. -0.00 min

Lab File: VN063406.D

Acq: 17 Sep 2020 8:39

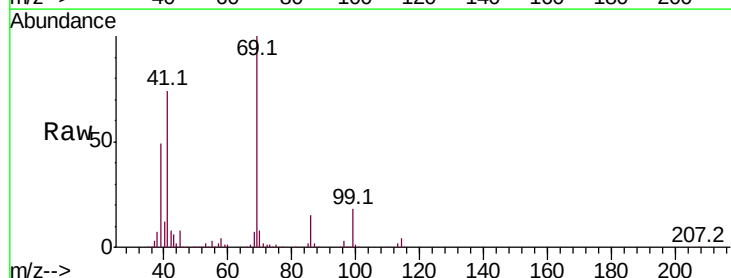
Tgt Ion: 69 Resp: 286163

Ion Ratio Lower Upper

69 100

41 74.3 61.0 91.6

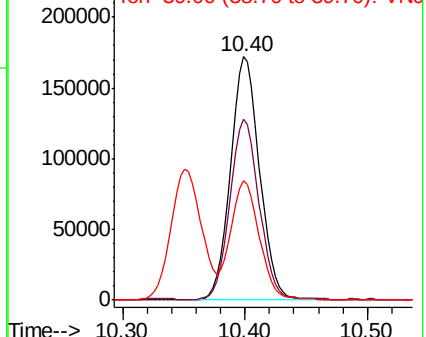
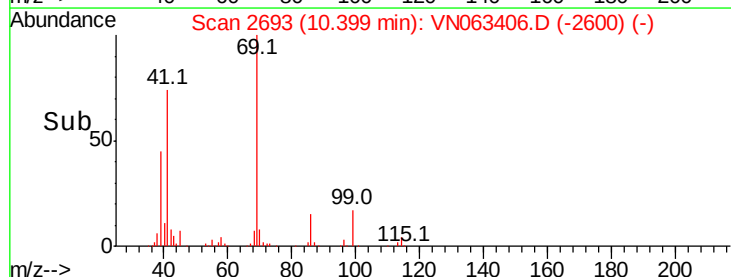
39 48.6 39.2 58.8

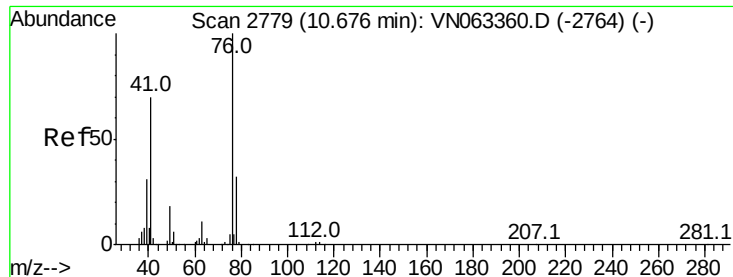


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 48.010 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN063406.D

Acq: 17 Sep 2020 8:39

Instrument :

MSVOA_N

ClientSampleId :

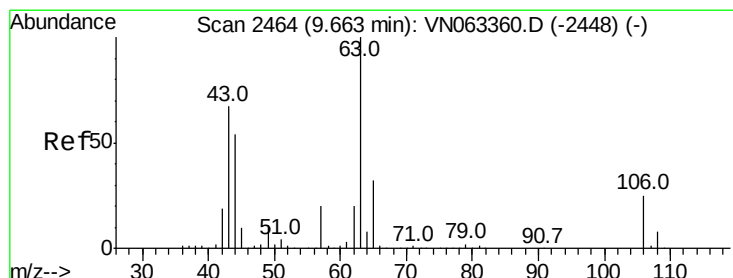
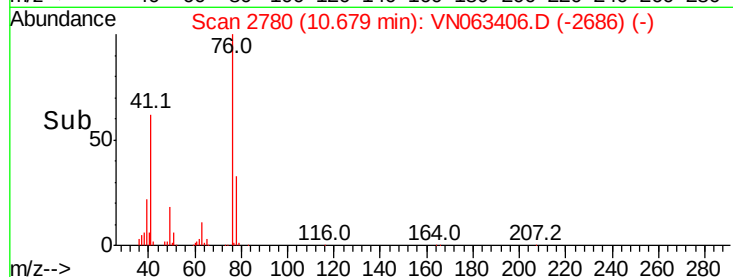
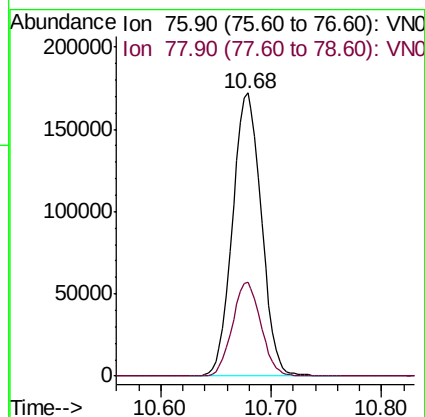
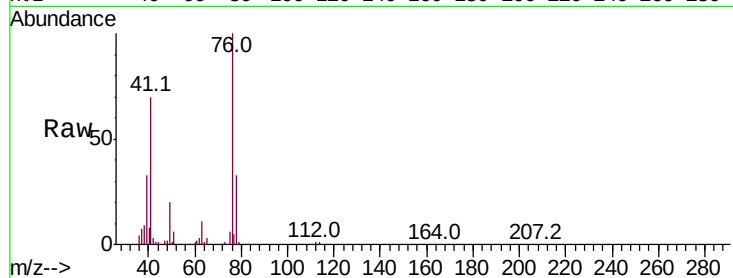
VSTDCCC050EC

Tot Ion: 76 Resp: 312578

Ion Ratio Lower Upper

76 100

78 32.8 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 234.973 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. -0.00 min

Lab File: VN063406.D

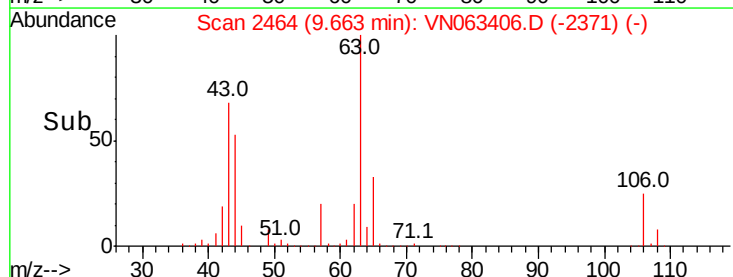
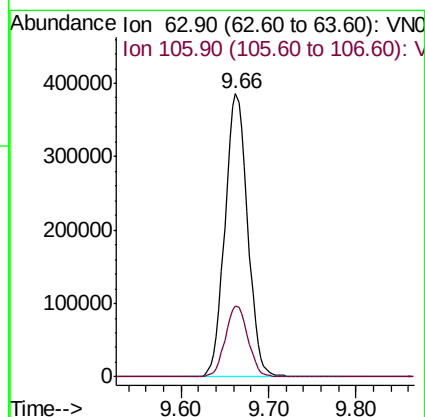
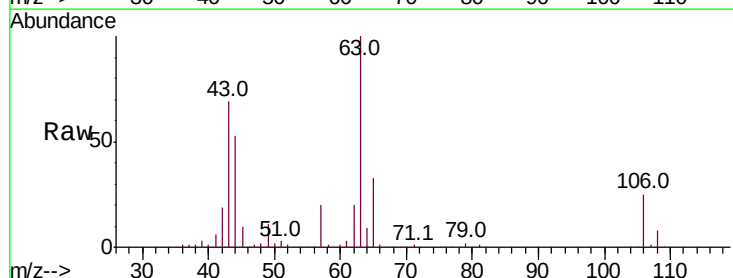
Acq: 17 Sep 2020 8:39

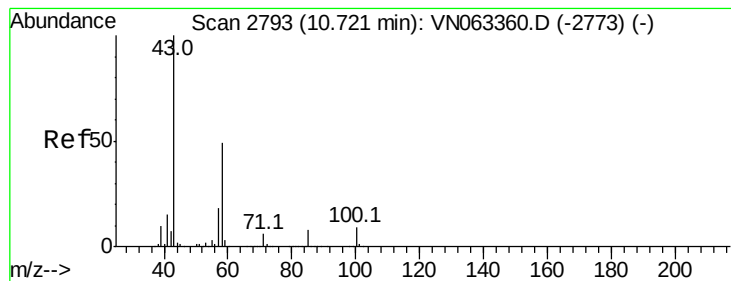
Tgt Ion: 63 Resp: 694724

Ion Ratio Lower Upper

63 100

106 25.0 19.5 29.3





#59

2-Hexanone

Concen: 253.185 ug/l

RT: 10.72 min Scan# 2794

Delta R.T. 0.00 min

Lab File: VN063406.D

Acq: 17 Sep 2020 8:39

Instrument :

MSVOA_N

ClientSampleId :

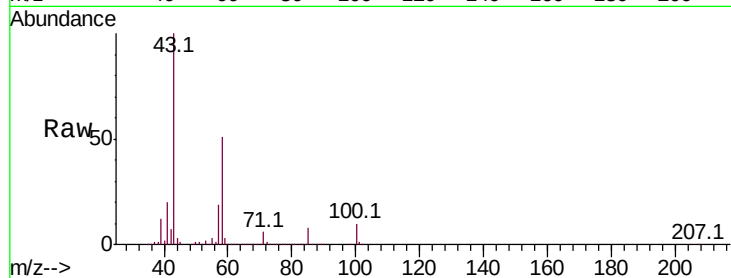
VSTDCCC050EC

Tot Ion: 43 Resp: 954382

Ion Ratio Lower Upper

43 100

58 50.7 24.7 74.1



Abundance Ion 43.00 (42.70 to 43.70): VN063360.D (-2773) (-)

Ion 58.00 (57.70 to 58.70): VN063360.D (-2773) (-)

10.72

500000

400000

300000

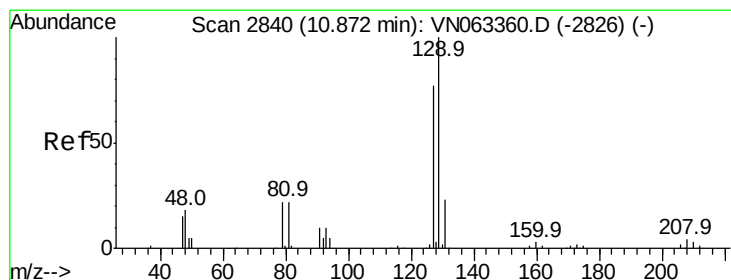
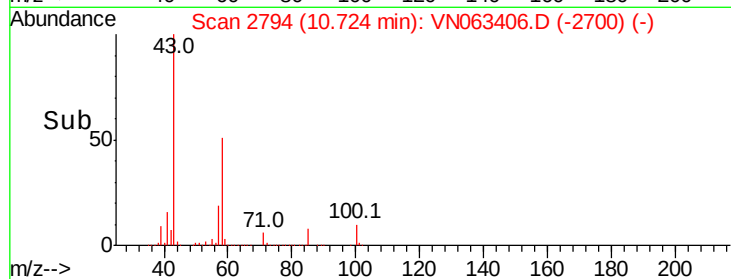
200000

100000

0

10.70 10.80

Time-->



#60

Dibromochloromethane

Concen: 48.873 ug/l

RT: 10.87 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VN063406.D

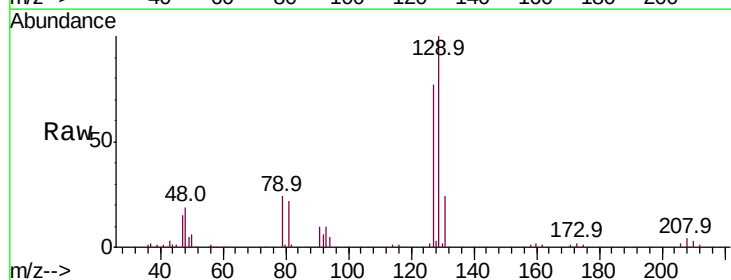
Acq: 17 Sep 2020 8:39

Tgt Ion: 129 Resp: 199339

Ion Ratio Lower Upper

129 100

127 78.4 39.1 117.3



Abundance Ion 128.80 (128.50 to 129.50): VN063360.D (-2826) (-)

Ion 126.80 (126.50 to 127.50): VN063360.D (-2826) (-)

10.87

120000

100000

80000

60000

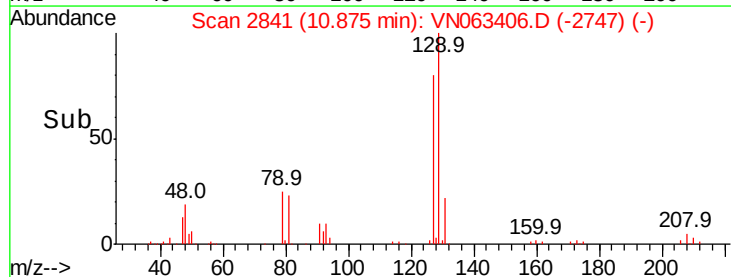
40000

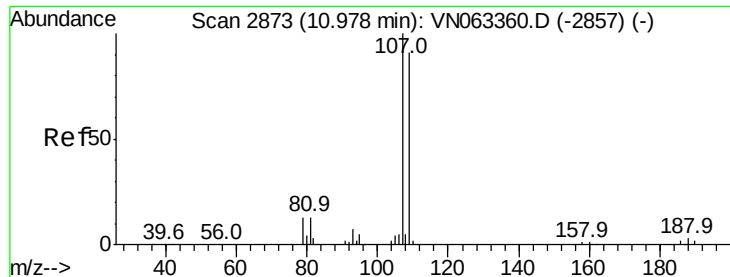
20000

0

10.80 10.90 11.00

Time-->





#61

1,2-Dibromoethane

Concen: 49.667 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. -0.00 min

Lab File: VN063406.D

Acq: 17 Sep 2020 8:39

Instrument :

MSVOA_N

ClientSampleId :

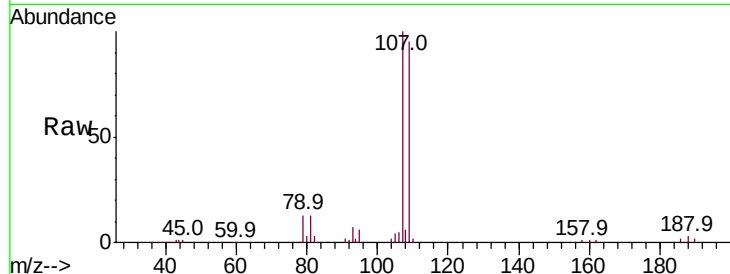
VSTDCCC050EC

Tot Ion:107 Resp: 186295

Ion Ratio Lower Upper

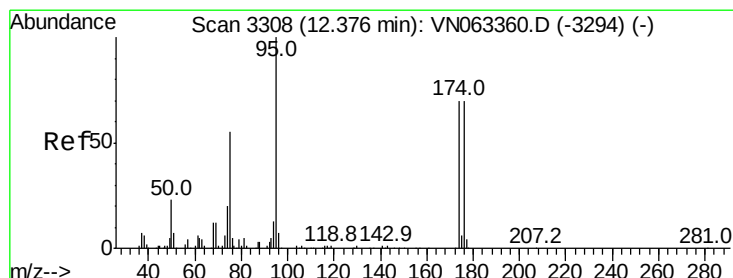
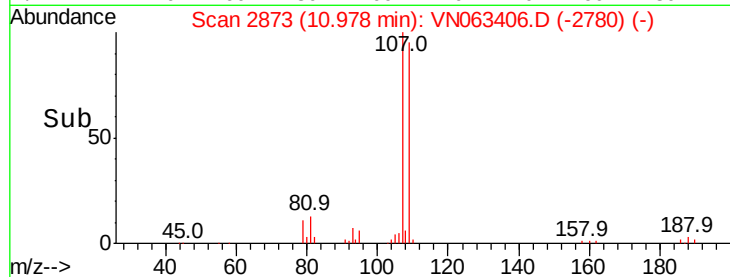
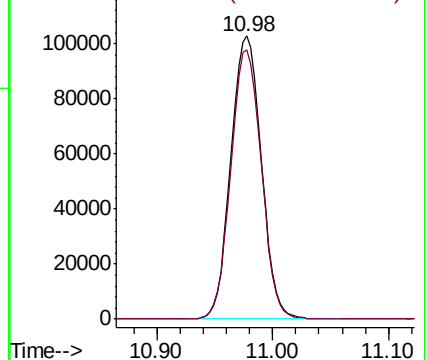
107 100

109 95.3 74.6 111.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.047 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063406.D

Acq: 17 Sep 2020 8:39

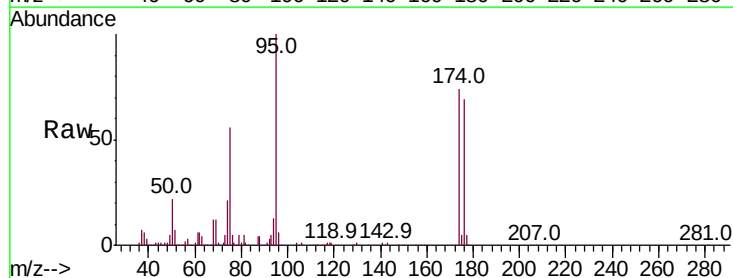
Tgt Ion: 95 Resp: 232656

Ion Ratio Lower Upper

95 100

174 71.3 0.0 140.8

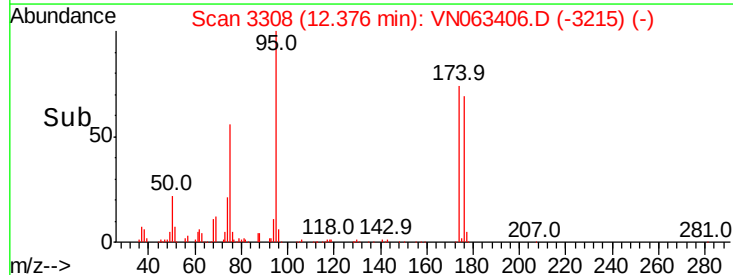
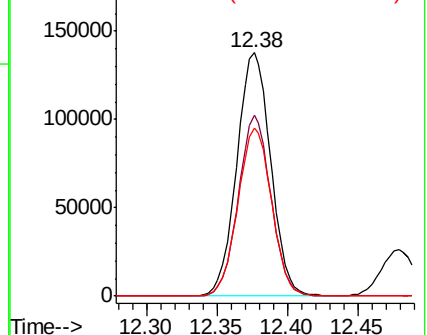
176 68.5 0.0 137.6

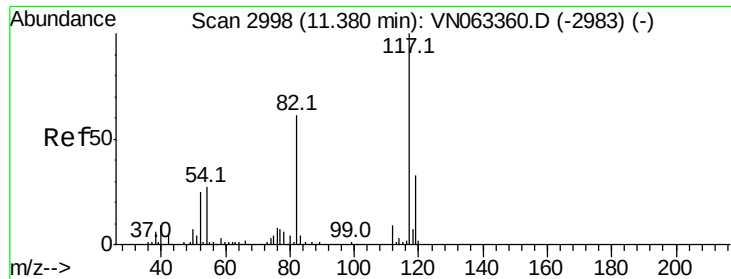


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

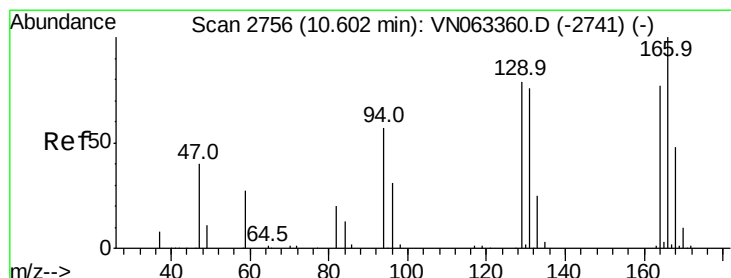
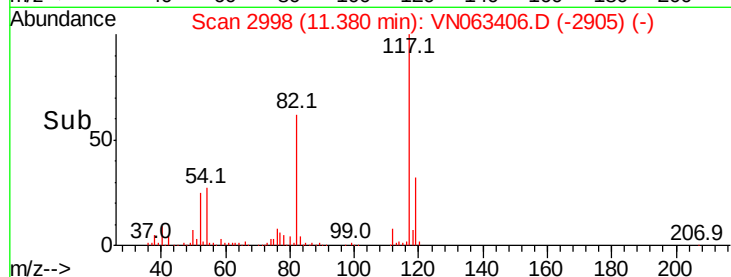
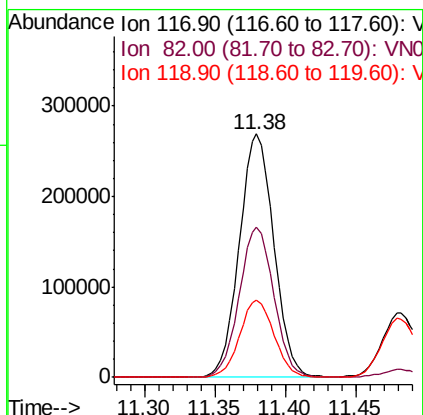
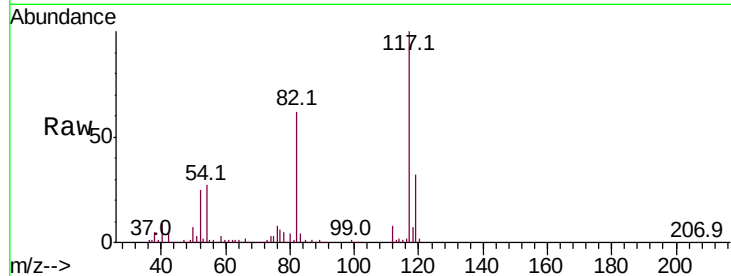




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063406.D
Acq: 17 Sep 2020 8:39

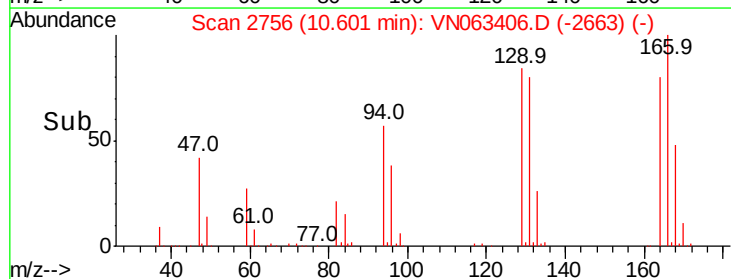
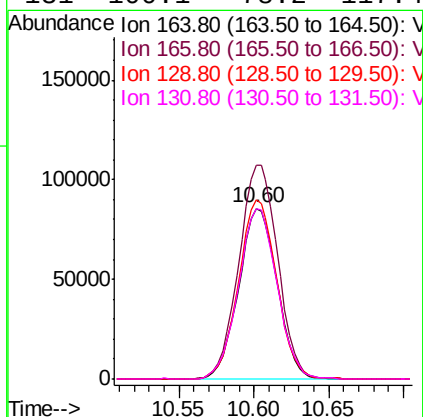
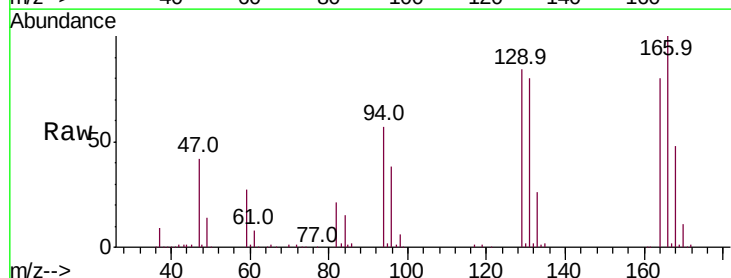
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

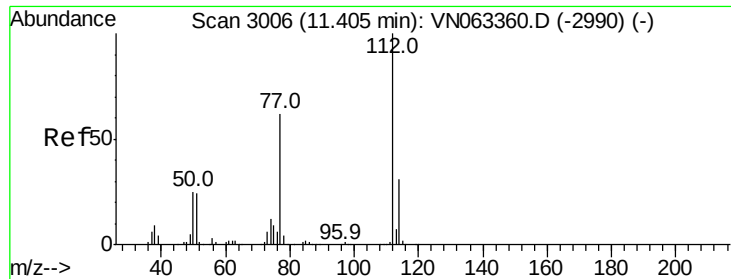
Tot Ion:117 Resp: 462489
Ion Ratio Lower Upper
117 100
82 61.6 49.2 73.8
119 31.6 26.2 39.4



#64
Tetrachloroethene
Concen: 48.481 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN063406.D
Acq: 17 Sep 2020 8:39

Tgt Ion:164 Resp: 152677
Ion Ratio Lower Upper
164 100
166 125.4 103.4 155.0
129 105.0 81.8 122.6
131 100.1 78.2 117.4

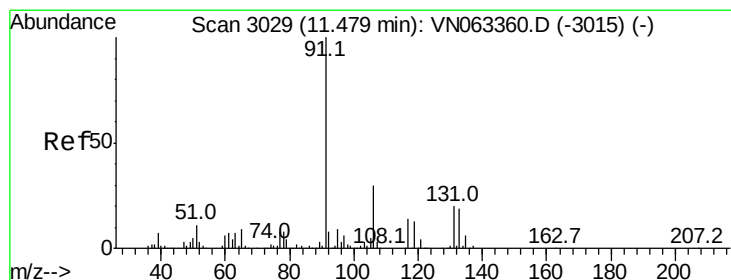
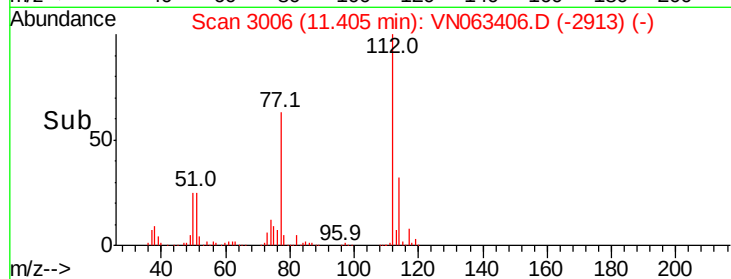
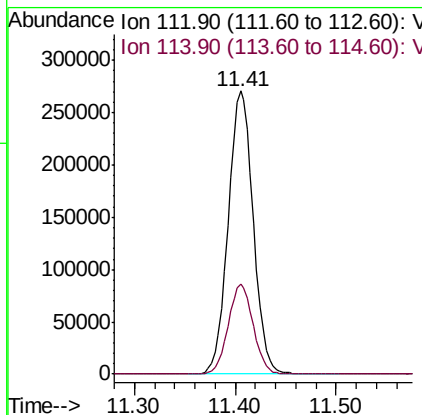
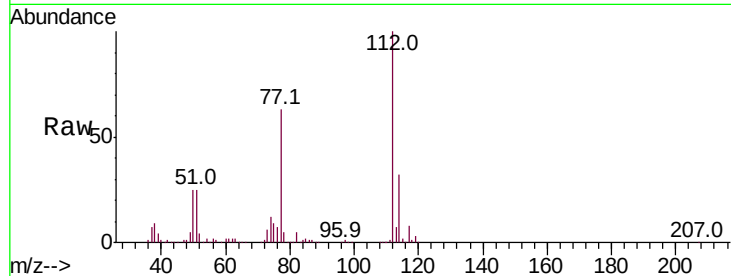




#65
Chlorobenzene
Concen: 47.687 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN063406.D
Acq: 17 Sep 2020 8:39

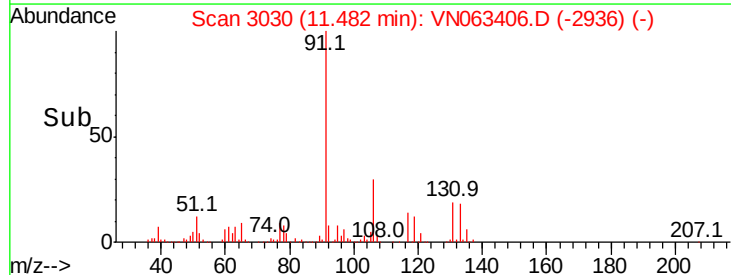
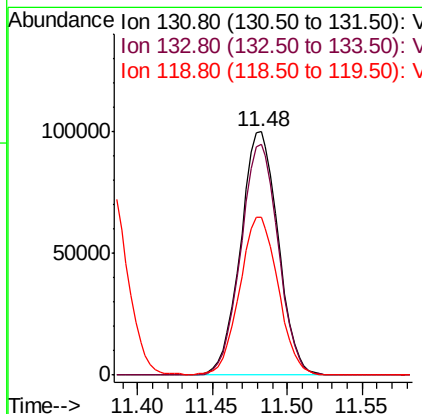
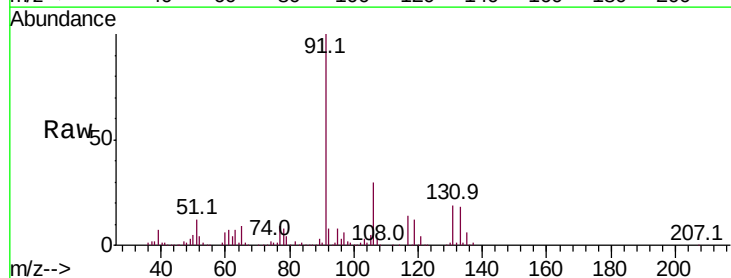
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

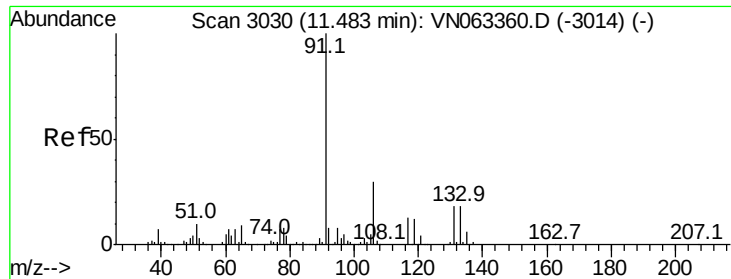
Tot Ion:112 Resp: 468159
Ion Ratio Lower Upper
112 100
114 32.0 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 48.638 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063406.D
Acq: 17 Sep 2020 8:39

Tgt Ion:131 Resp: 175033
Ion Ratio Lower Upper
131 100
133 94.7 47.3 141.9
119 66.5 33.6 100.8





#67

Ethyl Benzene

Concen: 47.625 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. -0.00 min

Lab File: VN063406.D

Acq: 17 Sep 2020 8:39

Instrument :

MSVOA_N

ClientSampleId :

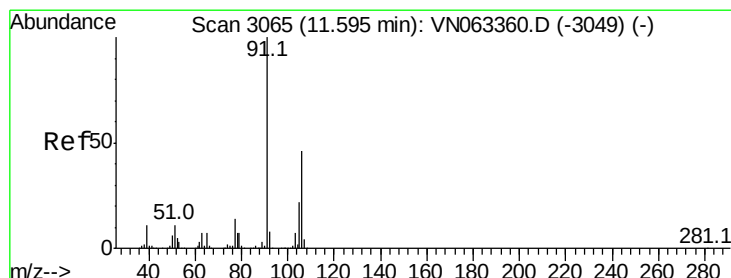
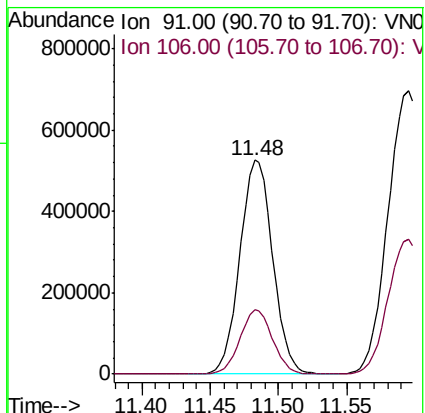
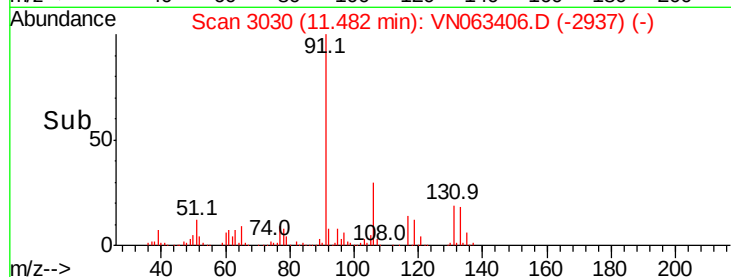
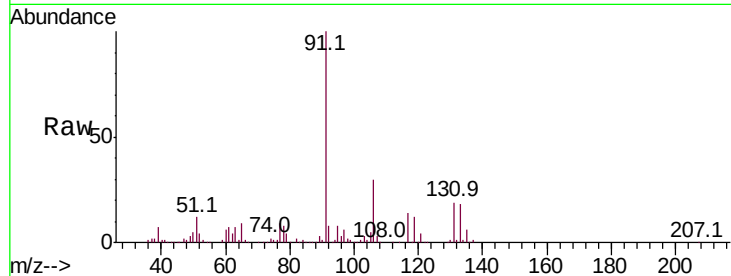
VSTDCCC050EC

Tot Ion: 91 Resp: 880487

Ion Ratio Lower Upper

91 100

106 29.9 23.8 35.6



#68

m/p-Xylenes

Concen: 96.215 ug/l

RT: 11.59 min Scan# 3065

Delta R.T. -0.00 min

Lab File: VN063406.D

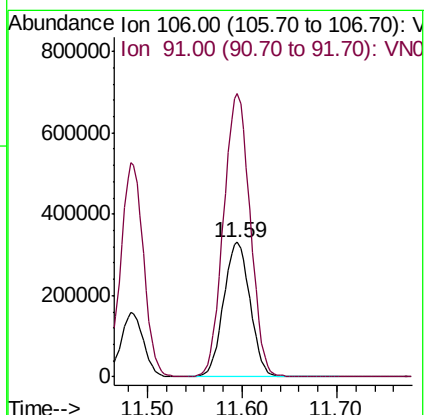
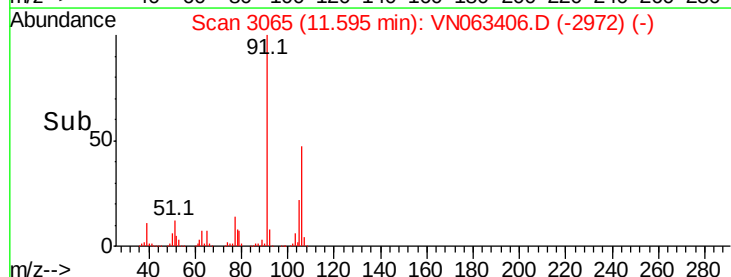
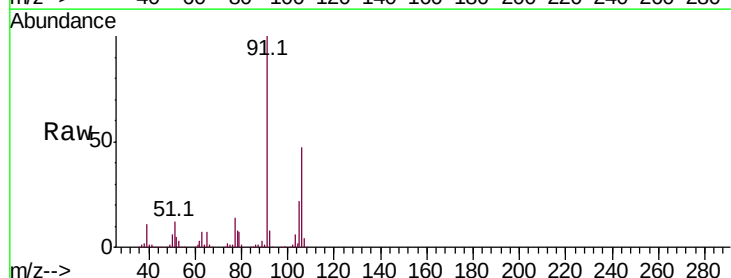
Acq: 17 Sep 2020 8:39

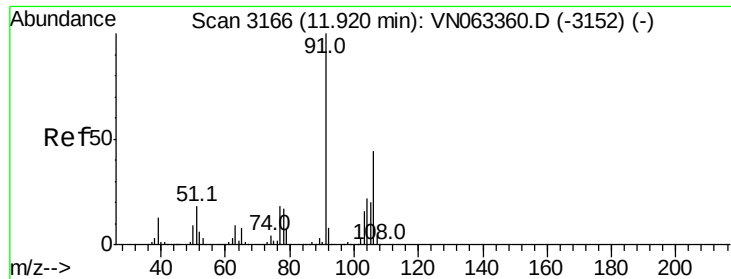
Tgt Ion: 106 Resp: 641352

Ion Ratio Lower Upper

106 100

91 212.2 171.2 256.8

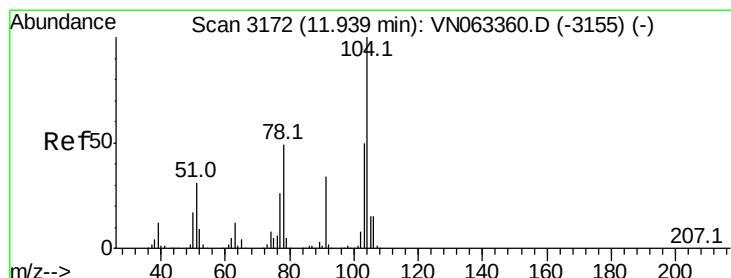
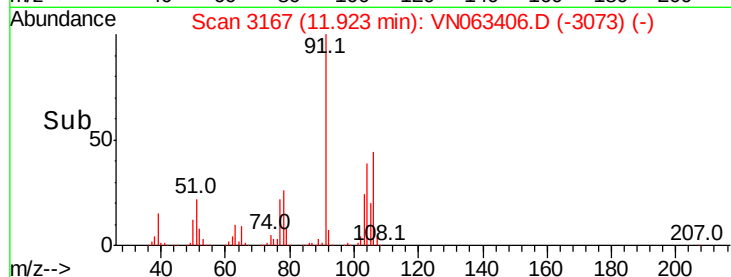
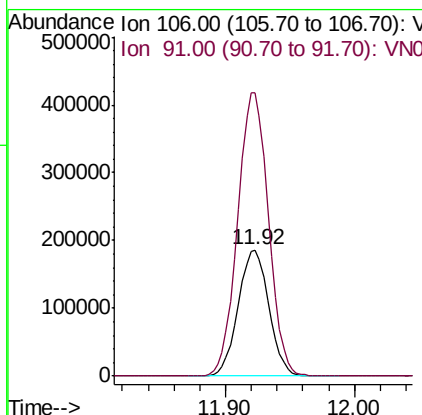
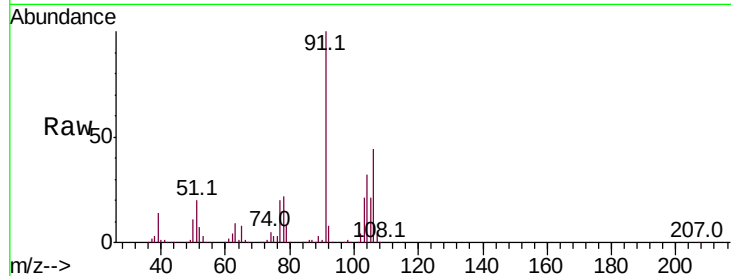




#69
o-Xylene
Concen: 48.592 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063406.D
Acq: 17 Sep 2020 8:39

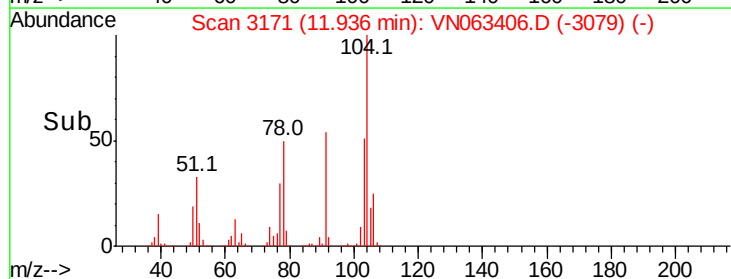
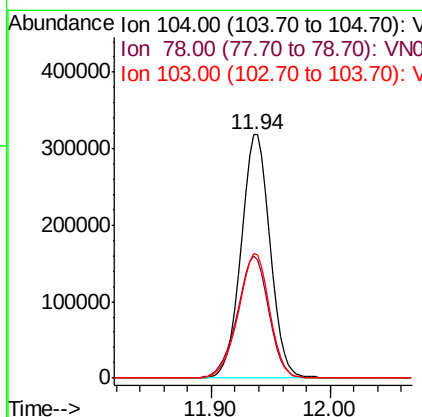
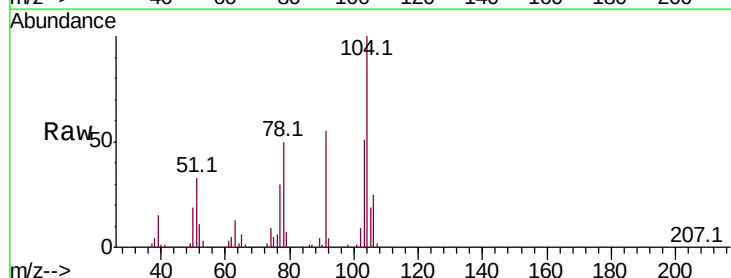
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

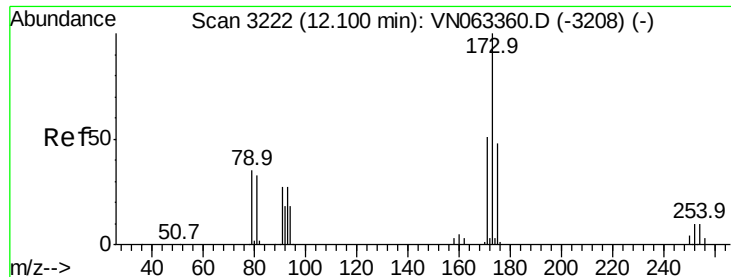
Tot Ion:106 Resp: 308555
Ion Ratio Lower Upper
106 100
91 225.3 113.6 340.8



#70
Styrene
Concen: 50.517 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN063406.D
Acq: 17 Sep 2020 8:39

Tgt Ion:104 Resp: 537938
Ion Ratio Lower Upper
104 100
78 54.7 44.4 66.6
103 55.1 43.7 65.5





#71

Bromoform

Concen: 49.424 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. -0.00 min

Lab File: VN063406.D

Acq: 17 Sep 2020 8:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

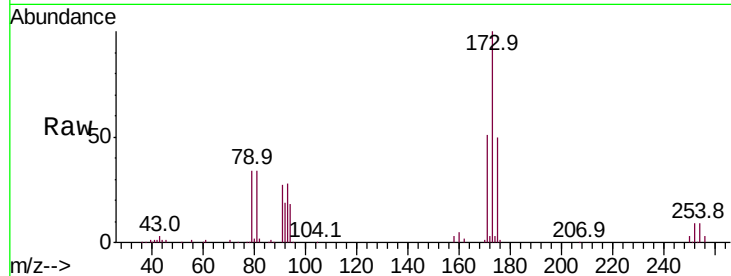
Tot Ion:173 Resp: 132501

Ion Ratio Lower Upper

173 100

175 49.9 24.0 72.0

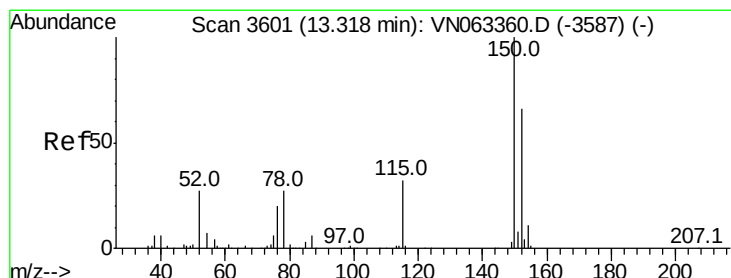
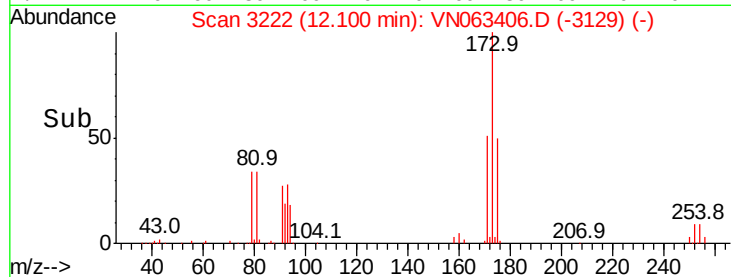
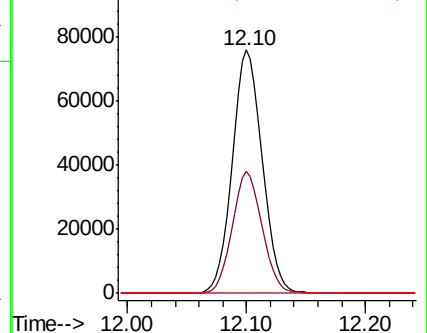
254 0.0 0.0 0.0



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: VN063406.D

Acq: 17 Sep 2020 8:39

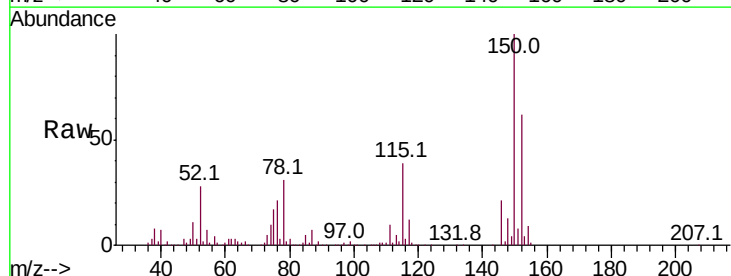
Tgt Ion:152 Resp: 217298

Ion Ratio Lower Upper

152 100

115 64.6 32.2 96.6

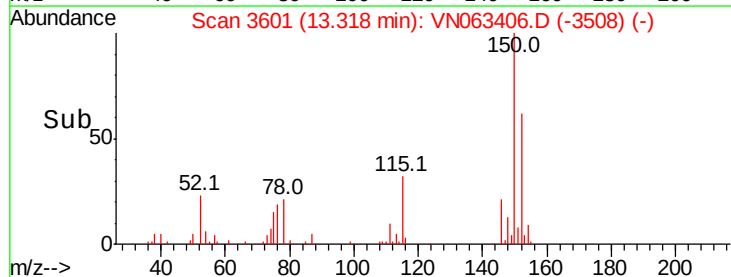
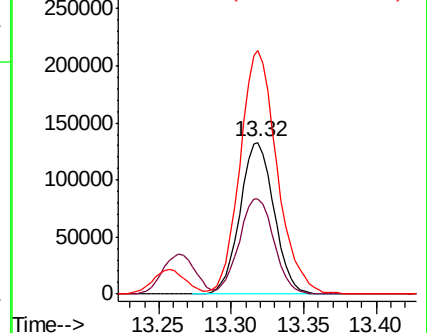
150 173.5 0.0 343.4

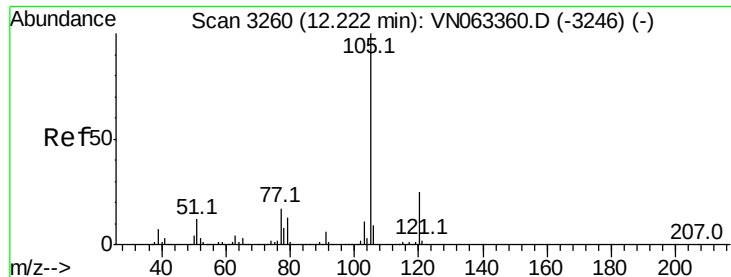


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.444 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063406.D

Acq: 17 Sep 2020 8:39

Instrument :

MSVOA_N

ClientSampleId :

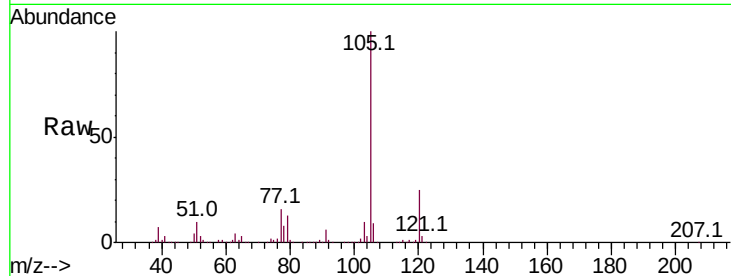
VSTDCCC050EC

Tot Ion:105 Resp: 843550

Ion Ratio Lower Upper

105 100

120 25.2 12.7 38.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.23

500000

400000

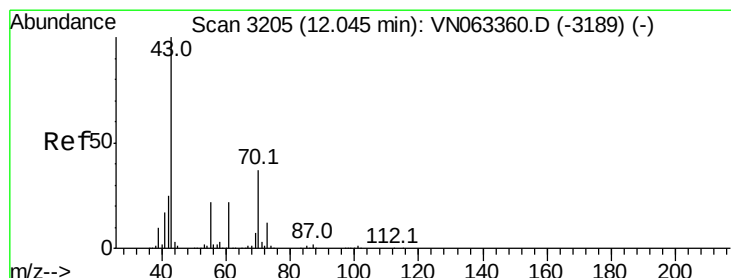
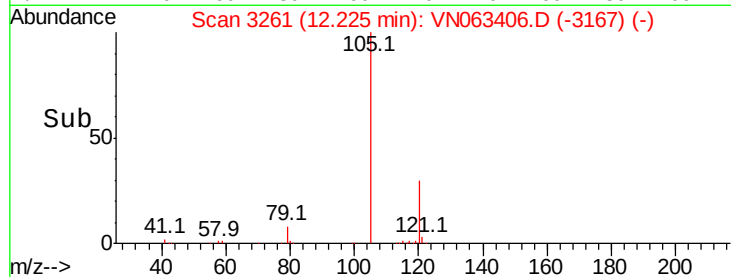
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 49.369 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. -0.00 min

Lab File: VN063406.D

Acq: 17 Sep 2020 8:39

Tgt Ion: 43 Resp: 406937

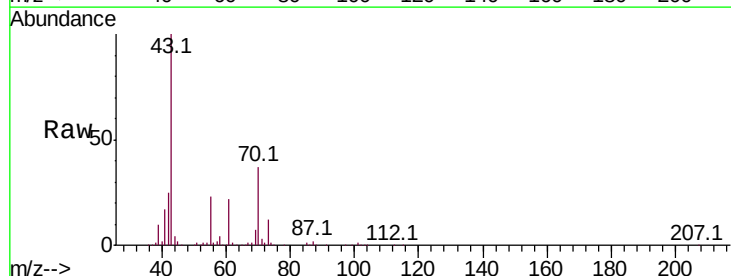
Ion Ratio Lower Upper

43 100

70 37.6 29.6 44.4

55 23.1 17.7 26.5

61 21.7 17.4 26.2



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

400000

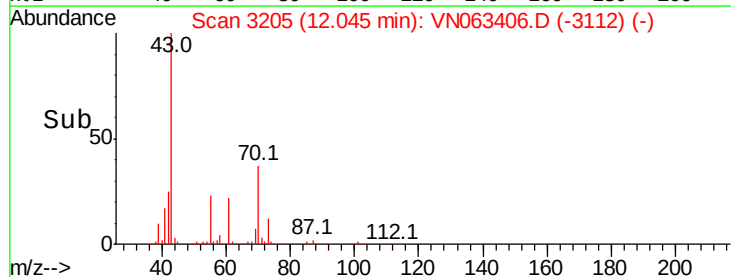
300000

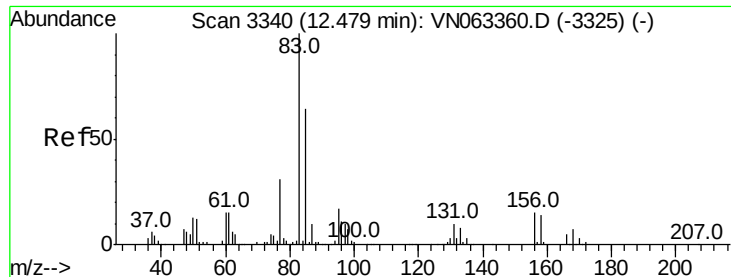
200000

100000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 48.453 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063406.D

Acq: 17 Sep 2020 8:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

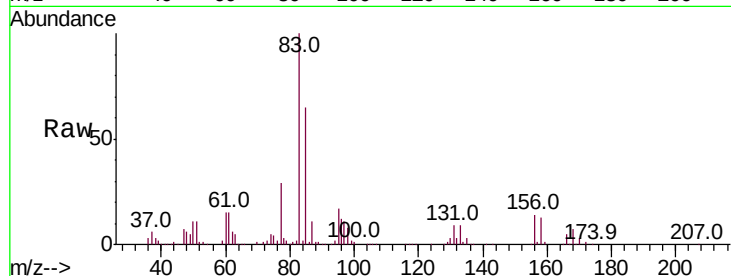
Tot Ion: 83 Resp: 261242

Ion Ratio Lower Upper

83 100

131 9.5 4.9 14.7

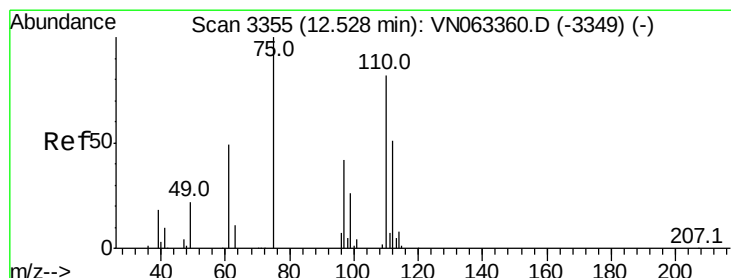
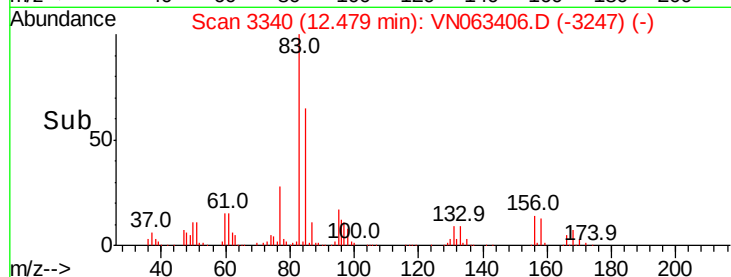
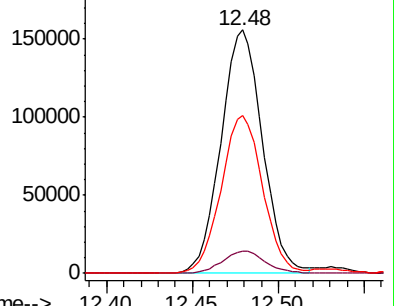
85 64.7 32.0 96.0



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

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

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



#76

1,2,3-Trichloropropane

Concen: 65.458 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. -0.00 min

Lab File: VN063406.D

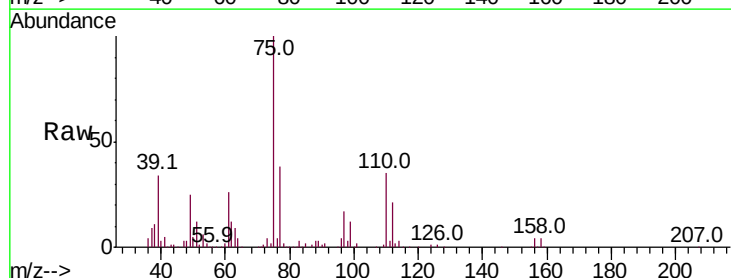
Acq: 17 Sep 2020 8:39

Tgt Ion: 75 Resp: 352060

Ion Ratio Lower Upper

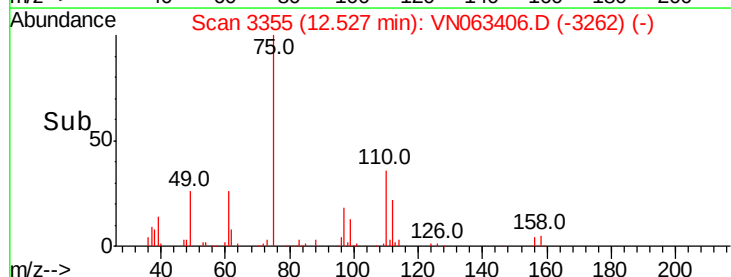
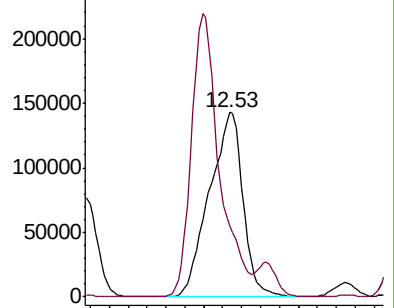
75 100

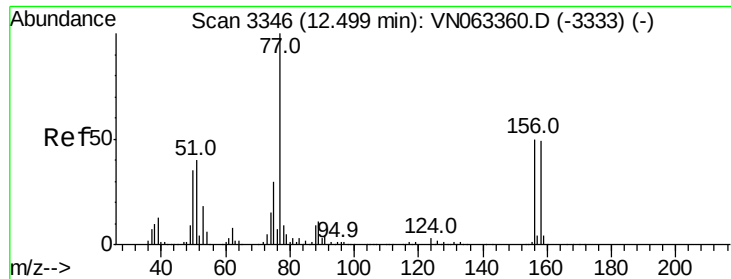
77 0.0 0.0 0.0



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

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





#77

Bromobenzene

Concen: 49.524 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN063406.D

Acq: 17 Sep 2020 8:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

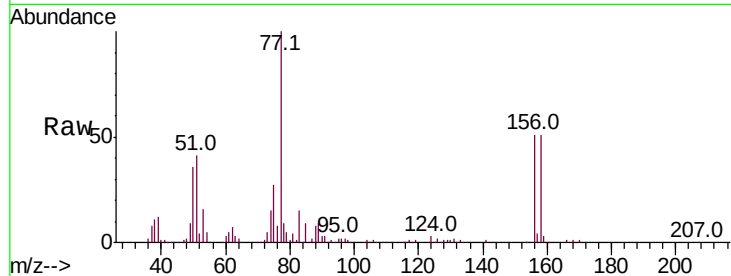
Tot Ion:156 Resp: 193984

Ion Ratio Lower Upper

156 100

77 233.4 120.2 360.6

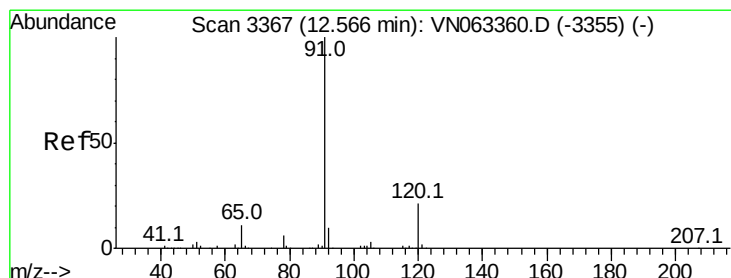
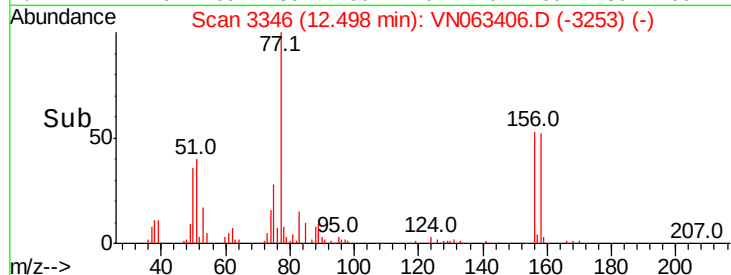
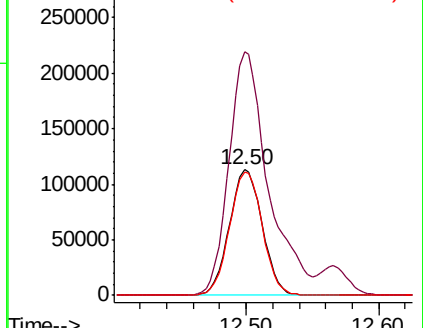
158 98.2 48.9 146.6



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: 47.933 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063406.D

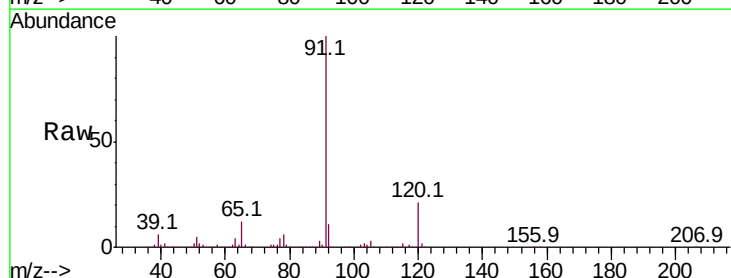
Acq: 17 Sep 2020 8:39

Tgt Ion: 91 Resp: 972153

Ion Ratio Lower Upper

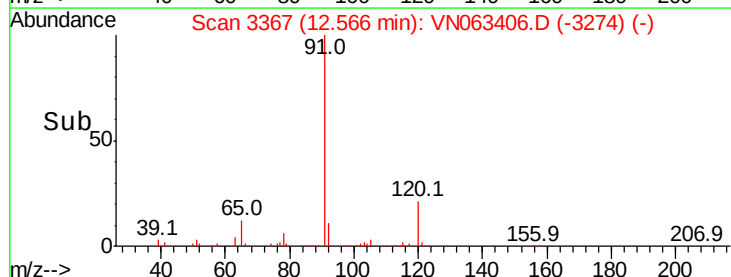
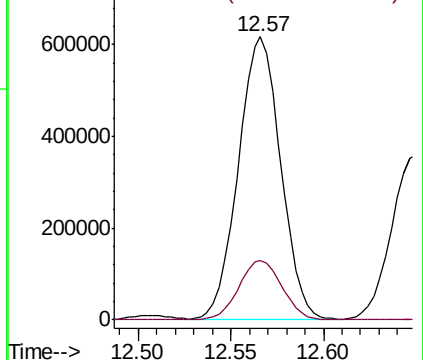
91 100

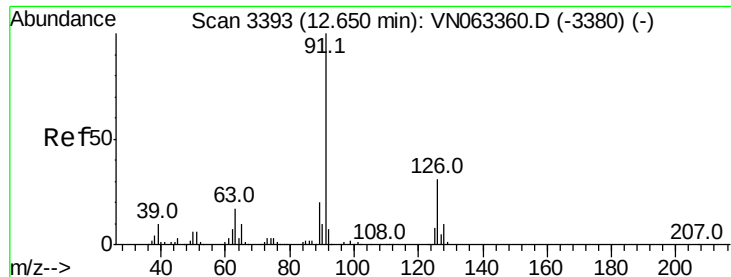
120 21.5 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.807 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. -0.00 min

Lab File: VN063406.D

Acq: 17 Sep 2020 8:39

Instrument :

MSVOA_N

ClientSampleId :

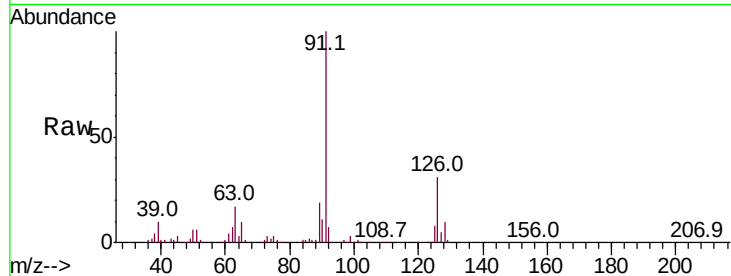
VSTDCCC050EC

Tot Ion: 91 Resp: 593380

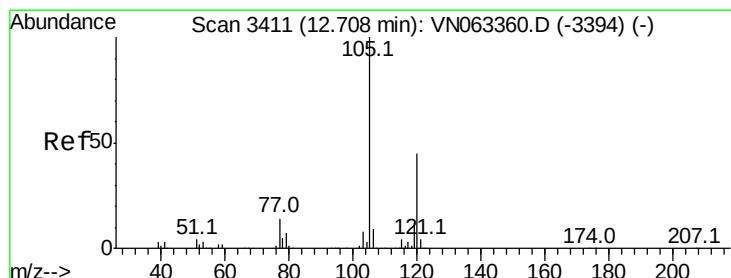
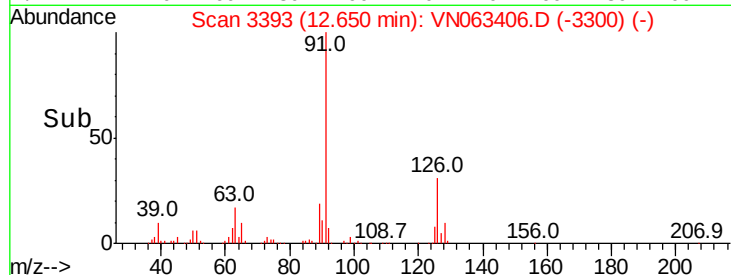
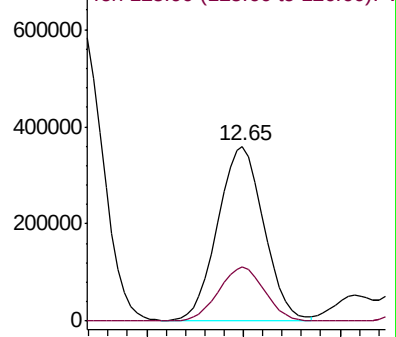
Ion Ratio Lower Upper

91 100

126 31.3 15.8 47.3



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



#80

1,3,5-Trimethylbenzene

Concen: 48.288 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN063406.D

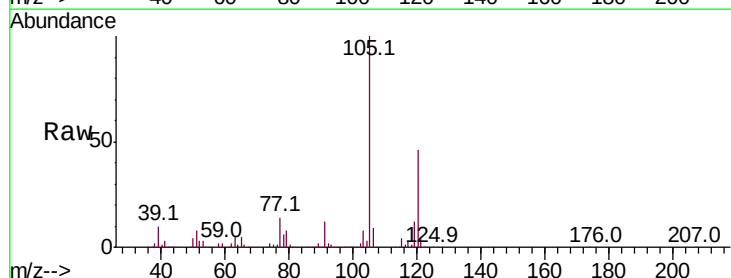
Acq: 17 Sep 2020 8:39

Tgt Ion:105 Resp: 701146

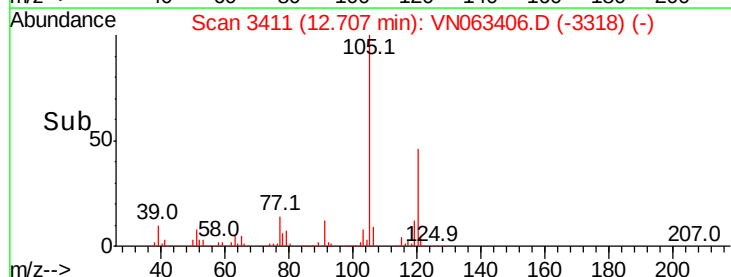
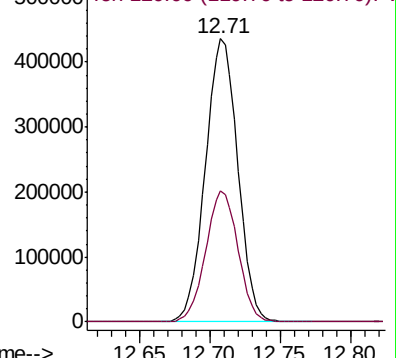
Ion Ratio Lower Upper

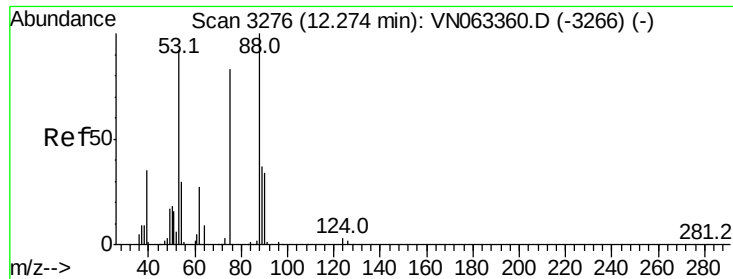
105 100

120 46.0 22.9 68.8



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





#81

trans-1,4-Dichloro-2-butene

Concen: 41.645 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN063406.D

Acq: 17 Sep 2020 8:39

Instrument :

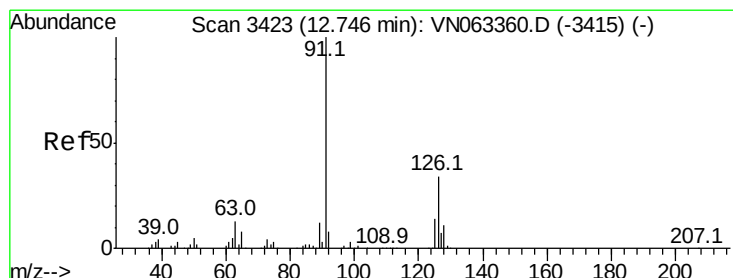
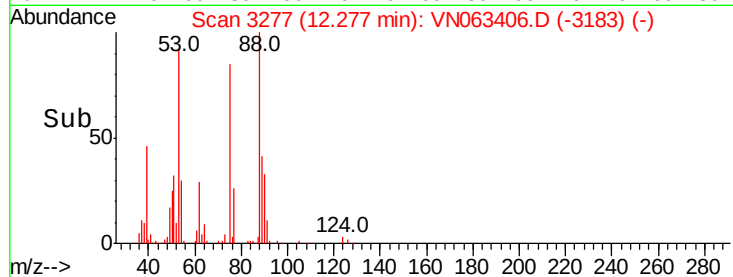
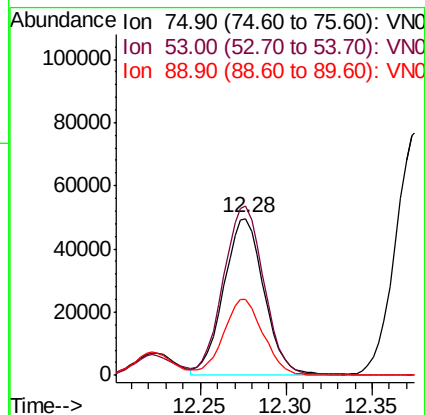
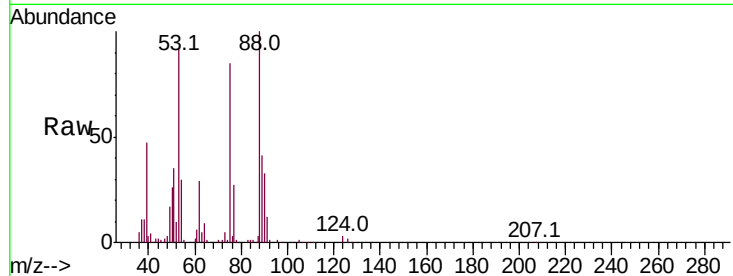
MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 81697

Ion	Ratio	Lower	Upper
75	100		
53	106.7	85.7	128.5
89	47.9	38.0	57.0



#82

4-Chlorotoluene

Concen: 47.685 ug/l

RT: 12.75 min Scan# 3423

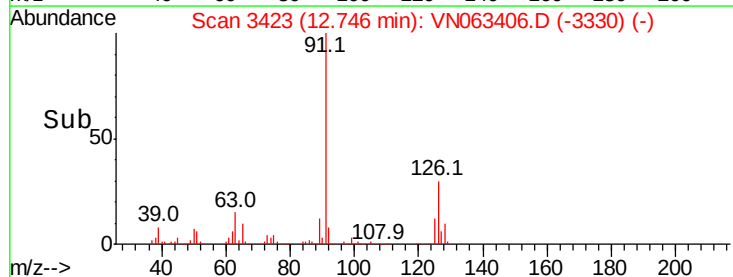
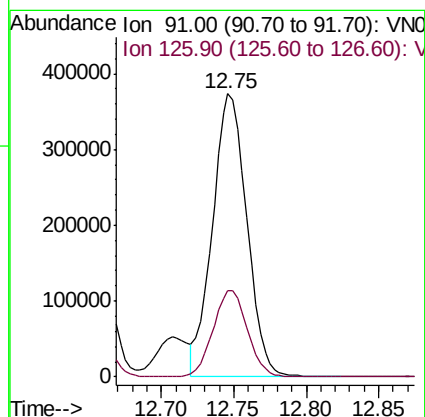
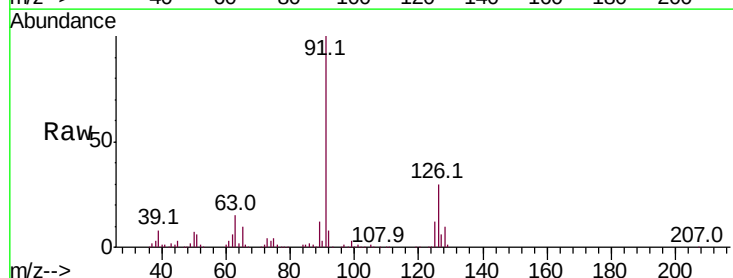
Delta R.T. -0.00 min

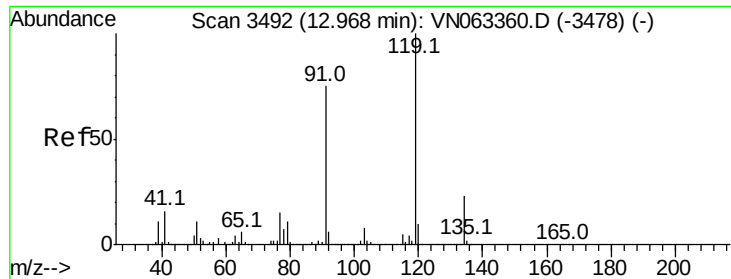
Lab File: VN063406.D

Acq: 17 Sep 2020 8:39

Tgt Ion: 91 Resp: 612541

Ion	Ratio	Lower	Upper
91	100		
126	30.8	15.5	46.5

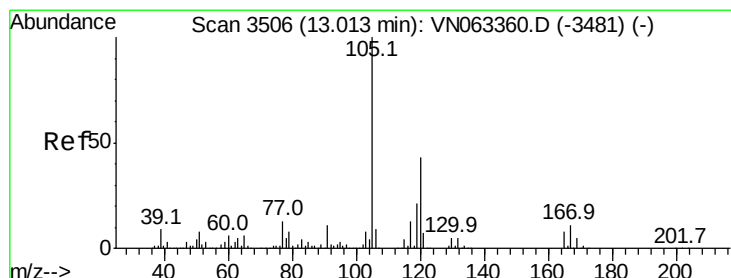
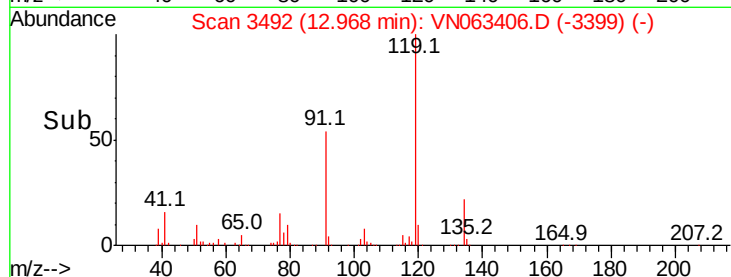
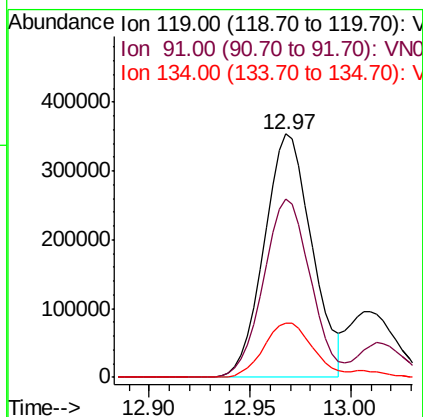
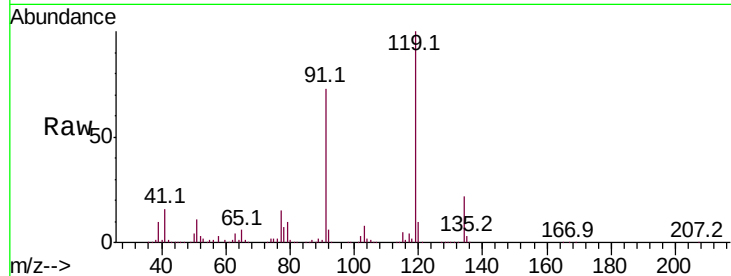




#83
 tert-Butylbenzene
 Concen: 48.480 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. -0.00 min
 Lab File: VN063406.D
 Acq: 17 Sep 2020 8:39

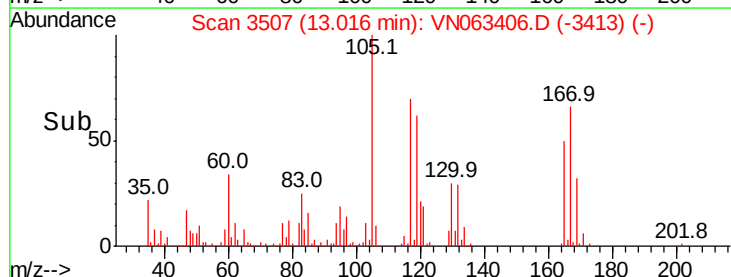
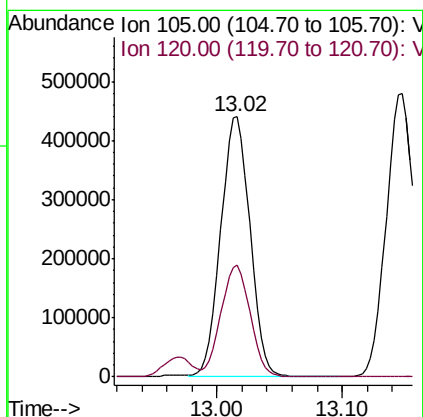
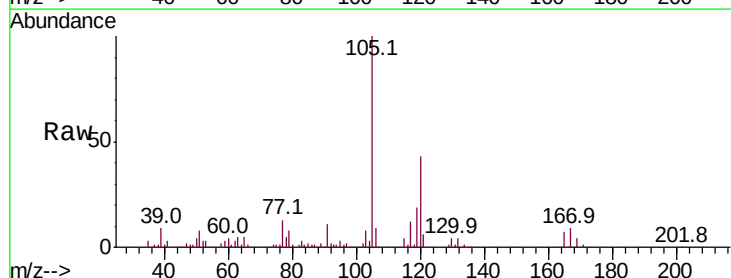
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

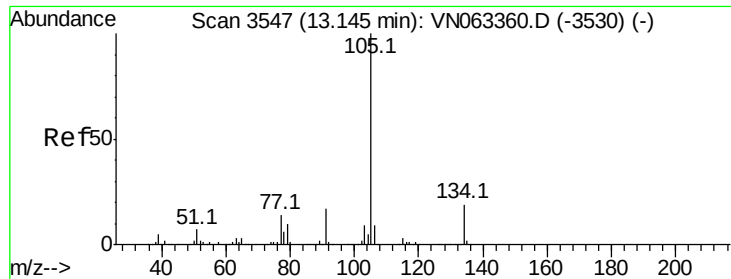
Tot Ion:119 Resp: 580989
 Ion Ratio Lower Upper
 119 100
 91 72.3 36.3 108.9
 134 22.9 12.3 36.8



#84
 1,2,4-Trimethylbenzene
 Concen: 48.581 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. 0.00 min
 Lab File: VN063406.D
 Acq: 17 Sep 2020 8:39

Tgt Ion:105 Resp: 712523
 Ion Ratio Lower Upper
 105 100
 120 42.7 21.3 63.9





#85

sec-Butylbenzene

Concen: 47.998 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN063406.D

Acq: 17 Sep 2020 8:39

Instrument :

MSVOA_N

ClientSampleId :

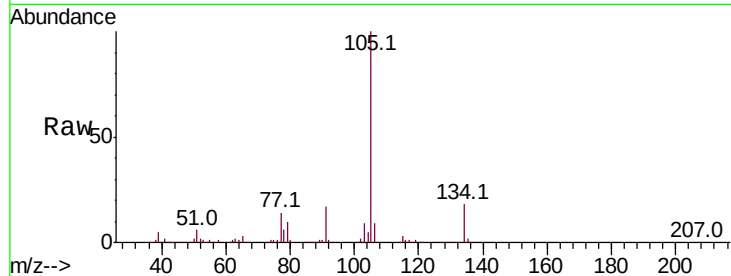
VSTDCCC050EC

Tot Ion:105 Resp: 769964

Ion Ratio Lower Upper

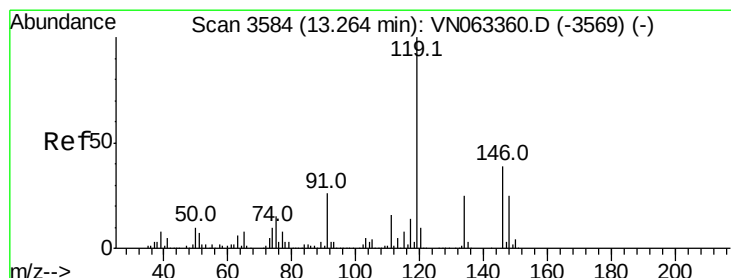
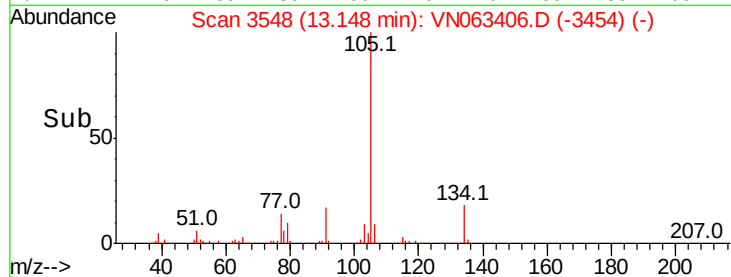
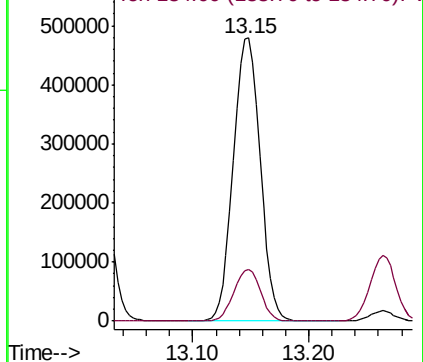
105 100

134 18.2 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: 47.588 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. -0.00 min

Lab File: VN063406.D

Acq: 17 Sep 2020 8:39

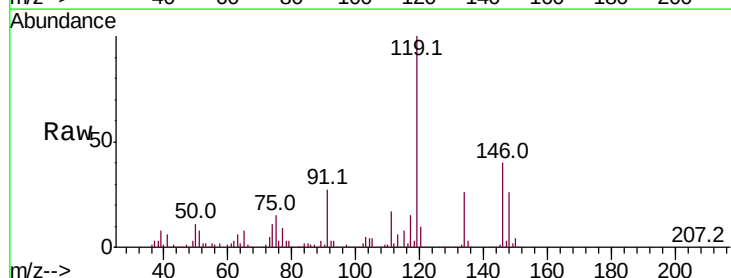
Tgt Ion:119 Resp: 673313

Ion Ratio Lower Upper

119 100

134 25.6 12.5 37.5

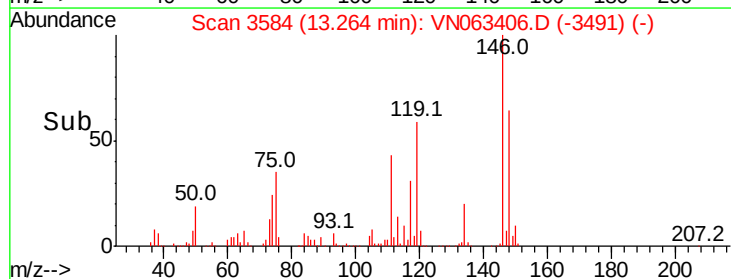
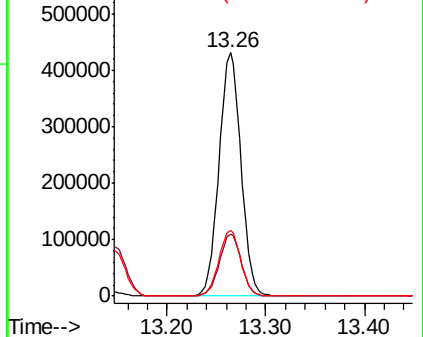
91 26.7 13.4 40.1

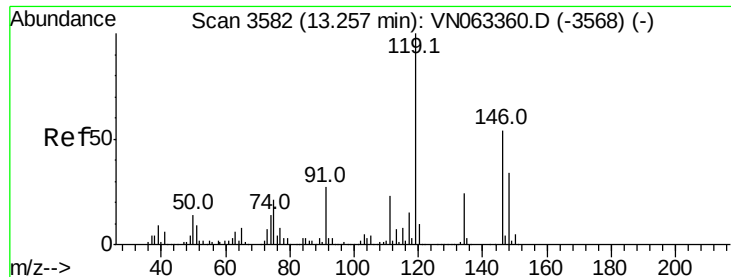


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 48.240 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. -0.00 min

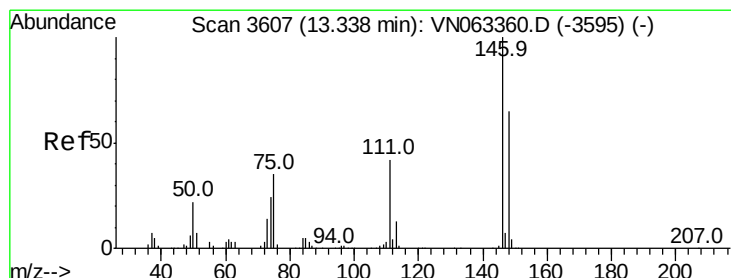
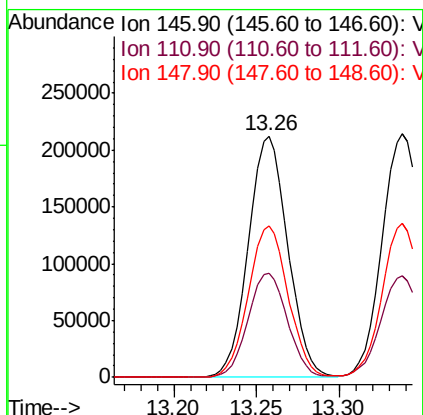
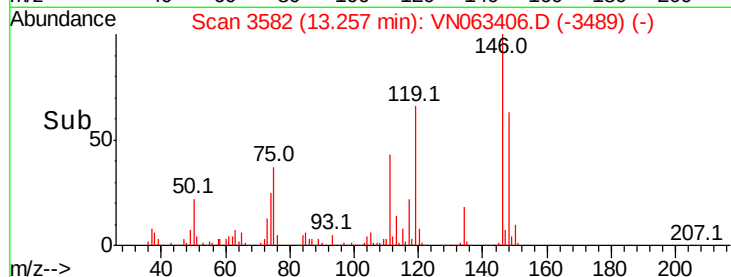
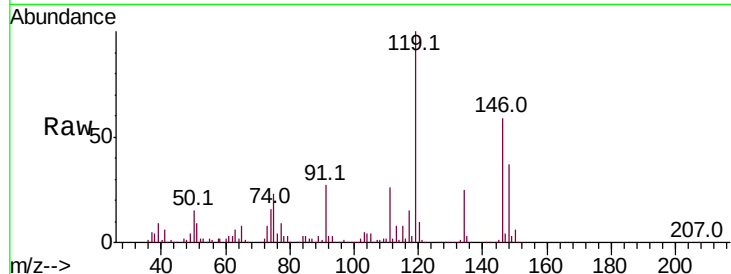
Lab File: VN063406.D

Acq: 17 Sep 2020 8:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:146 Resp: 350216

Ion	Ratio	Lower	Upper
146	100		
111	43.2	21.4	64.3
148	63.4	31.9	95.7



#88

1,4-Dichlorobenzene

Concen: 48.343 ug/l

RT: 13.34 min Scan# 3607

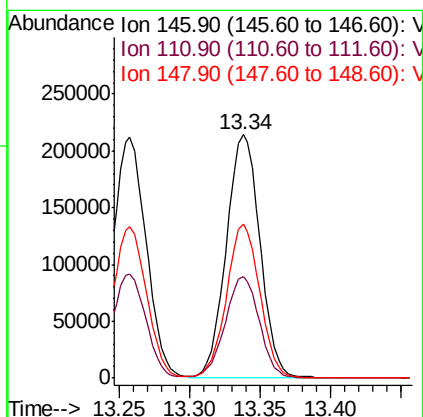
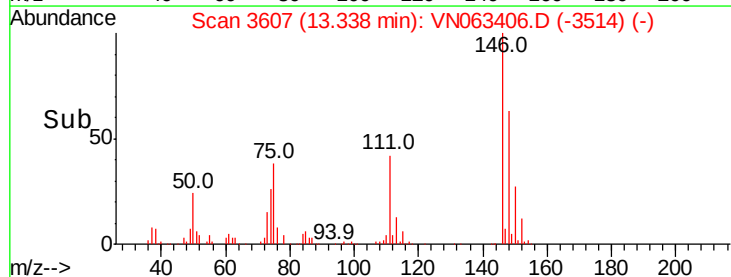
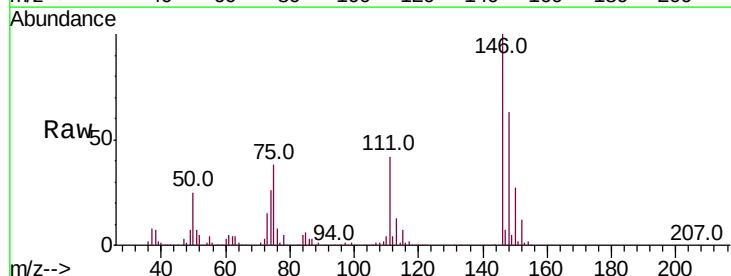
Delta R.T. -0.00 min

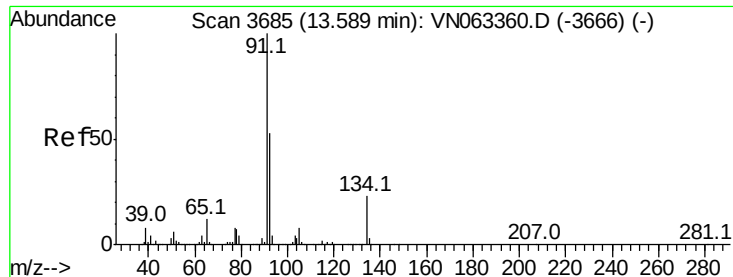
Lab File: VN063406.D

Acq: 17 Sep 2020 8:39

Tgt Ion:146 Resp: 356830

Ion	Ratio	Lower	Upper
146	100		
111	42.1	21.2	63.6
148	62.9	31.9	95.9





#89

n-Butylbenzene

Concen: 46.052 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. -0.00 min

Lab File: VN063406.D

Acq: 17 Sep 2020 8:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

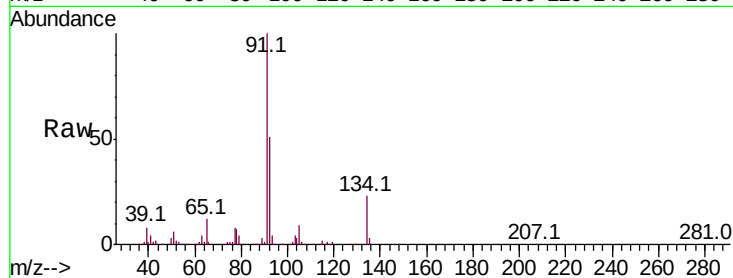
Tot Ion: 91 Resp: 600599

Ion Ratio Lower Upper

91 100

92 51.6 26.0 78.0

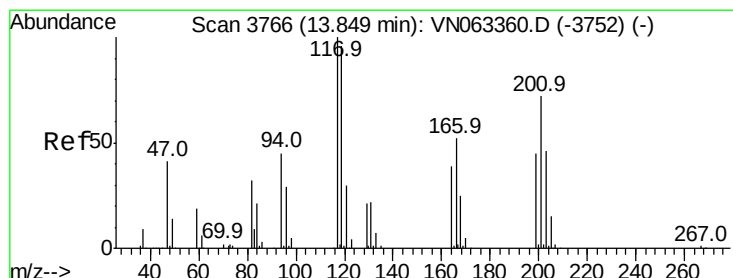
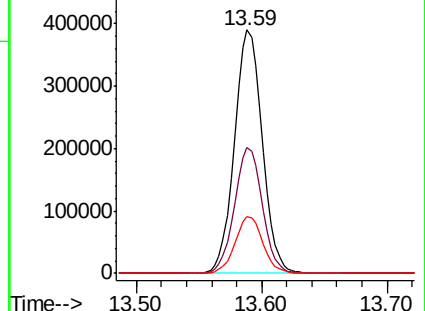
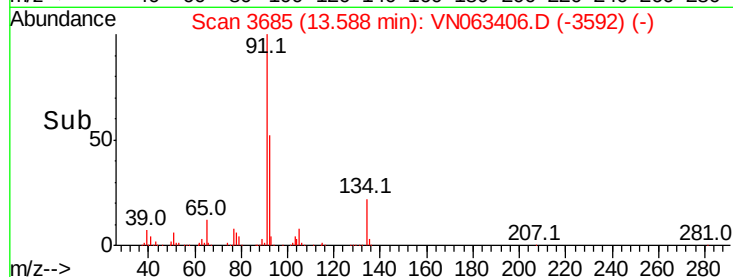
134 23.3 11.7 35.0



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

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

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



#90

Hexachloroethane

Concen: 47.623 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. -0.00 min

Lab File: VN063406.D

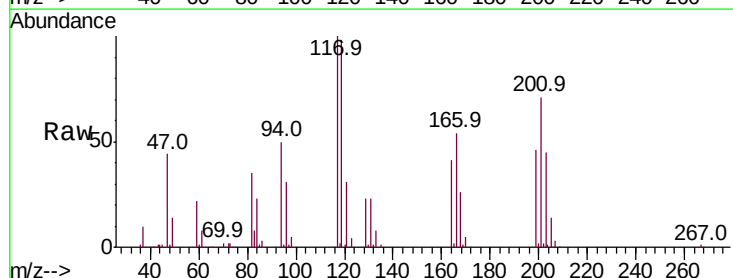
Acq: 17 Sep 2020 8:39

Tgt Ion: 117 Resp: 128303

Ion Ratio Lower Upper

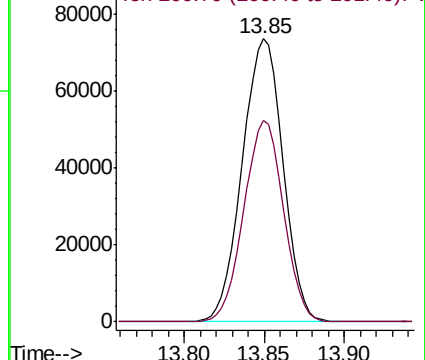
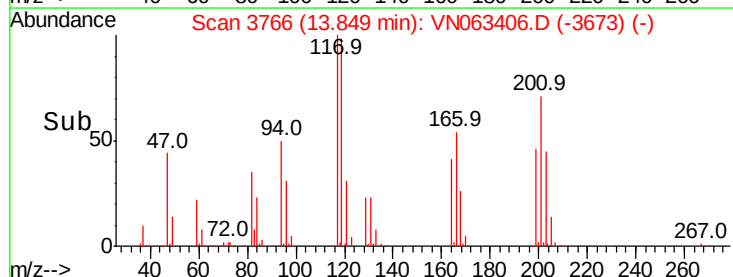
117 100

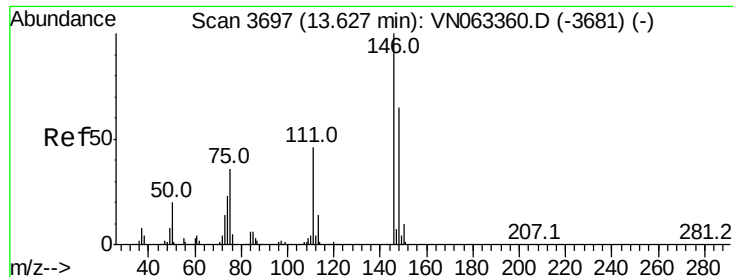
201 69.3 35.5 106.7



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

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

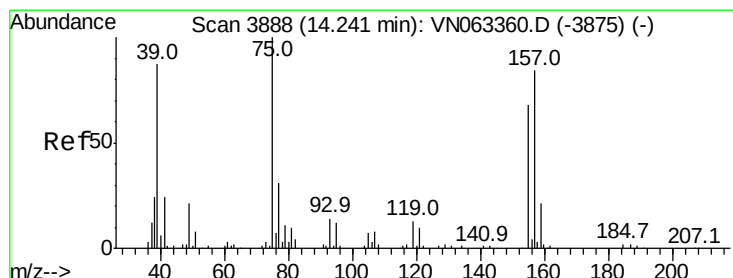
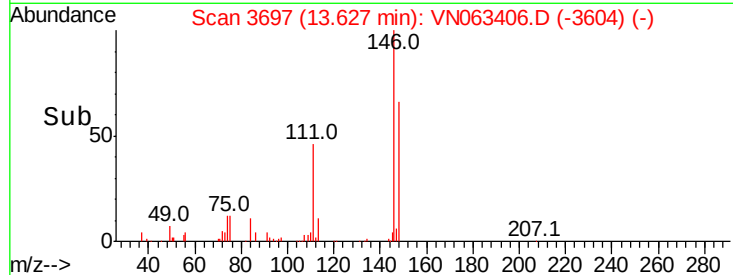
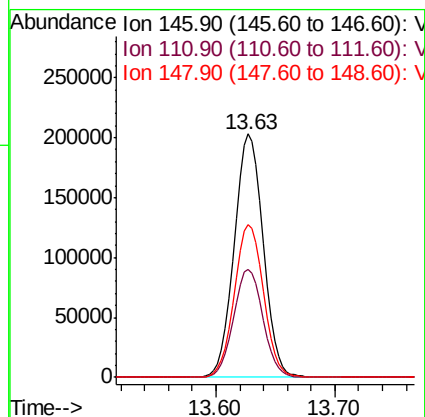
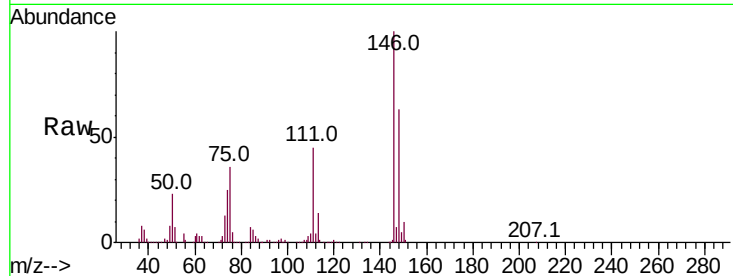




#91
 1,2-Dichlorobenzene
 Concen: 48.129 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: VN063406.D
 Acq: 17 Sep 2020 8:39

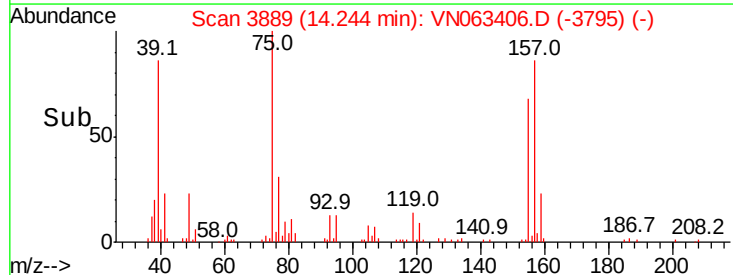
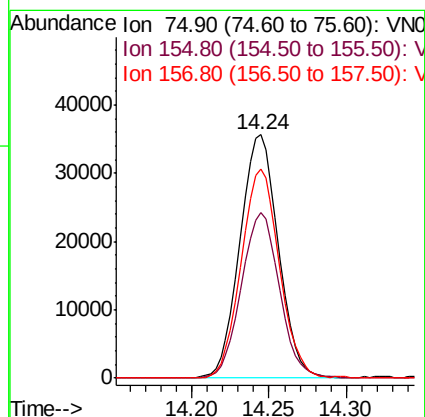
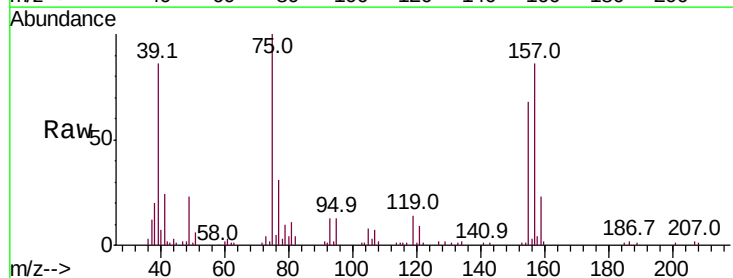
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

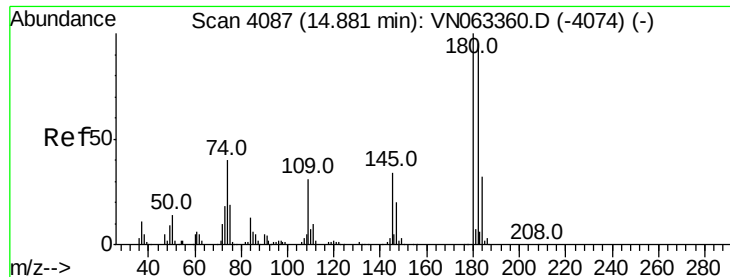
Tot Ion:146 Resp: 343047
 Ion Ratio Lower Upper
 146 100
 111 45.0 22.4 67.2
 148 63.4 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.975 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN063406.D
 Acq: 17 Sep 2020 8:39

Tgt Ion: 75 Resp: 61595
 Ion Ratio Lower Upper
 75 100
 155 67.6 34.6 103.9
 157 85.4 43.7 131.1





#93

1,2,4-Trichlorobenzene

Concen: 44.911 ug/l

RT: 14.88 min Scan# 4087

Delta R.T. -0.00 min

Lab File: VN063406.D

Acq: 17 Sep 2020 8:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

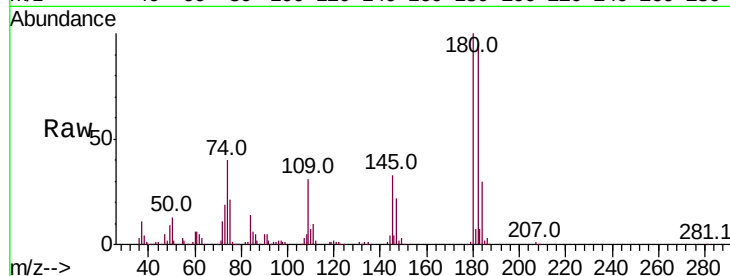
Tot Ion:180 Resp: 188715

Ion Ratio Lower Upper

180 100

182 94.9 47.3 142.0

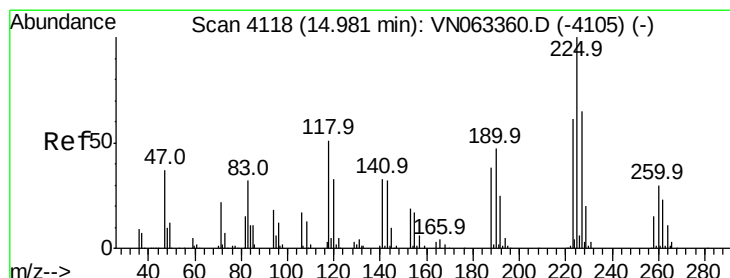
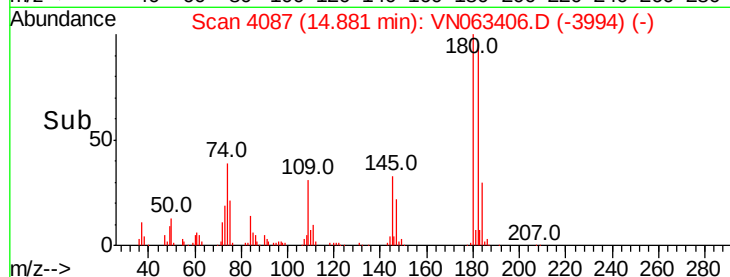
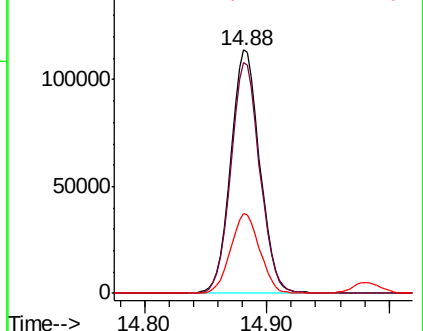
145 32.9 16.6 49.7



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: 44.643 ug/l

RT: 14.98 min Scan# 4118

Delta R.T. -0.00 min

Lab File: VN063406.D

Acq: 17 Sep 2020 8:39

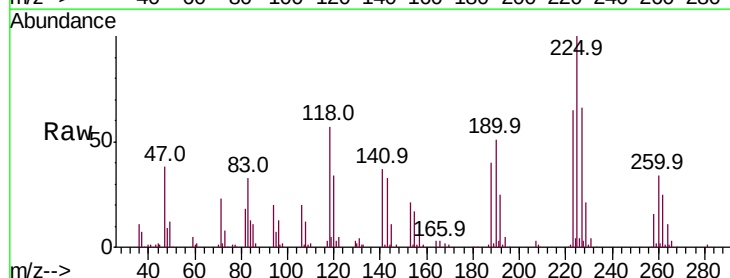
Tgt Ion:225 Resp: 77660

Ion Ratio Lower Upper

225 100

223 64.3 30.6 91.6

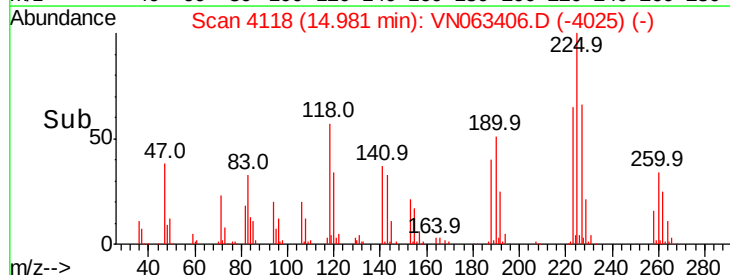
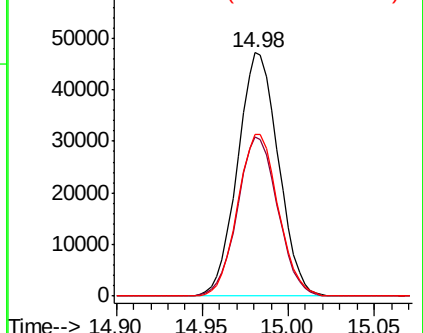
227 66.0 31.2 93.6

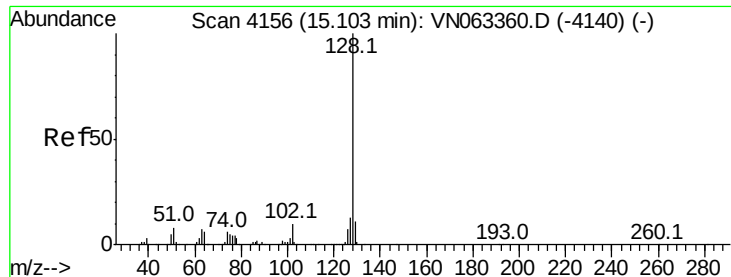


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

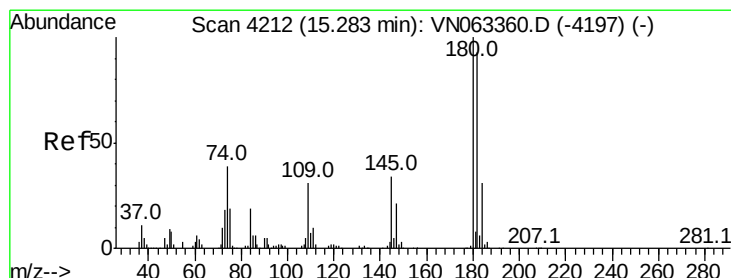
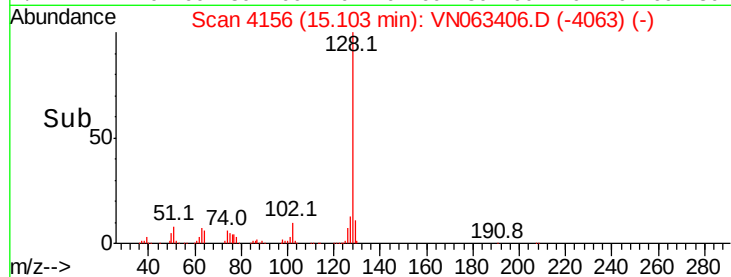
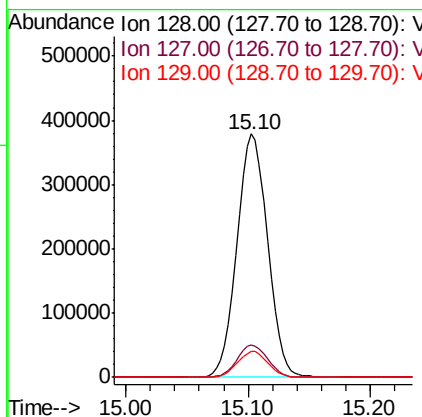
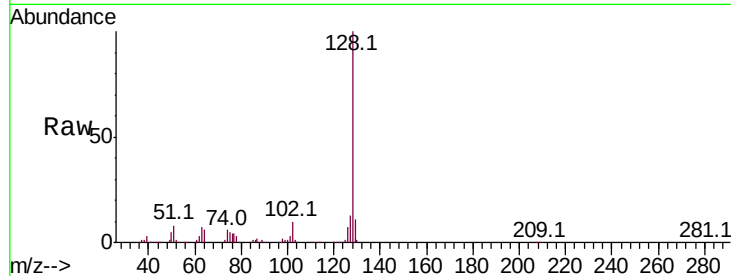




#95
Naphthalene
Concen: 47.426 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. -0.00 min
Lab File: VN063406.D
Acq: 17 Sep 2020 8:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.6	15.8
129	10.7	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 45.853 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. -0.00 min
Lab File: VN063406.D
Acq: 17 Sep 2020 8:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.3	46.7	140.1
145	33.3	16.8	50.3

