

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092920\
 Data File : VN063721.D
 Acq On : 29 Sep 2020 12:18
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 29 14:35:30 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	282978	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	458261	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	428323	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	216012	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.98	65	211937	44.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.00%	
35) Dibromofluoromethane	7.55	113	148541	46.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.64%	
50) Toluene-d8	10.06	98	554350	46.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.94%	
62) 4-Bromofluorobenzene	12.38	95	221070	50.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.10%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	140842	43.932	ug/l	99
3) Chloromethane	2.04	50	163239	38.490	ug/l	98
4) Vinyl Chloride	2.16	62	169626	45.143	ug/l	100
5) Bromomethane	2.52	94	112548	50.448	ug/l	97
6) Chloroethane	2.67	64	104211	45.181	ug/l	100
7) Trichlorofluoromethane	2.98	101	287025	51.199	ug/l	99
8) Diethyl Ether	3.37	74	105399	48.228	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.72	101	158411	50.245	ug/l	98
10) Methyl Iodide	3.91	142	187828	45.759	ug/l	99
11) Tert butyl alcohol	4.72	59	145162	217.527	ug/l	99
12) 1,1-Dichloroethene	3.70	96	145175	45.461	ug/l	99
13) Acrolein	3.56	56	44036	178.065	ug/l	98
14) Allyl chloride	4.28	41	285778	45.242	ug/l	95
15) Acrylonitrile	4.93	53	398363	234.681	ug/l	100
16) Acetone	3.77	43	390614	252.316	ug/l	100
17) Carbon Disulfide	4.01	76	369471	39.776	ug/l	100
18) Methyl Acetate	4.28	43	202633	51.559	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	577350	48.509	ug/l	95
20) Methylene Chloride	4.50	84	179134	45.670	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	162203	45.846	ug/l	97
22) Diisopropyl ether	5.90	45	609590	47.319	ug/l	99
23) Vinyl Acetate	5.84	43	2528970	239.033	ug/l	99
24) 1,1-Dichloroethane	5.79	63	334463	47.554	ug/l	100
25) 2-Butanone	6.78	43	574040	241.096	ug/l	98
26) 2,2-Dichloropropane	6.77	77	311345	50.279	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	196420	49.049	ug/l	98
28) Bromochloromethane	7.14	49	144706	44.560	ug/l	94
29) Tetrahydrofuran	7.16	42	366799	225.563	ug/l	99
30) Chloroform	7.33	83	352011	49.885	ug/l	98
31) Cyclohexane	7.61	56	272759	40.999	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	321327	51.198	ug/l	99
36) 1,1-Dichloropropene	7.75	75	250919	51.395	ug/l	99
37) Ethyl Acetate	6.88	43	245146	51.162	ug/l	99
38) Carbon Tetrachloride	7.73	117	278766	55.936	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	258626	48.810	ug/l	96
40) Benzene	8.00	78	715400	51.332	ug/l	97
41) Methacrylonitrile	7.13	41	120507	55.918	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	308884	55.112	ug/l	99
43) Isopropyl Acetate	8.12	43	430763	50.277	ug/l #	89
44) Trichloroethene	8.80	130	185489	54.874	ug/l	99
45) 1,2-Dichloropropane	9.08	63	195378	51.473	ug/l	99
46) Dibromomethane	9.17	93	135575	54.343	ug/l	97
47) Bromodichloromethane	9.37	83	293348	56.600	ug/l	99
48) Methyl methacrylate	9.17	41	212224	50.416	ug/l	96
49) 1,4-Dioxane	9.16	88	58756	972.651	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	1270770	264.932	ug/l	100
52) Toluene	10.12	92	462452	55.190	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	320470	55.387	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	331630	54.338	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	187201	56.246	ug/l	99
56) Ethyl methacrylate	10.40	69	285437	54.936	ug/l	99
57) 1,3-Dichloropropane	10.68	76	317274	52.862	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	610087	223.835	ug/l	95
59) 2-Hexanone	10.72	43	954411	274.651	ug/l	100
60) Dibromochloromethane	10.87	129	215998	57.446	ug/l	99
61) 1,2-Dibromoethane	10.98	107	192080	55.550	ug/l	98
64) Tetrachloroethene	10.60	164	171316	58.739	ug/l	98
65) Chlorobenzene	11.41	112	497654	54.735	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	188935	56.689	ug/l	96
67) Ethyl Benzene	11.48	91	923899	53.959	ug/l	100
68) m/p-Xylenes	11.59	106	685272	111.004	ug/l	98
69) o-Xylene	11.92	106	326038	55.441	ug/l	98
70) Styrene	11.94	104	567394	57.533	ug/l	99
71) Bromoform	12.10	173	149988	60.409	ug/l #	100
73) Isopropylbenzene	12.22	105	903915	52.219	ug/l	100
74) N-amyl acetate	12.04	43	399673	48.776	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	264691	49.385	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	371123	69.413	ug/l #	100
77) Bromobenzene	12.50	156	217734	55.919	ug/l	92
78) n-propylbenzene	12.57	91	1057706	52.462	ug/l	99
79) 2-Chlorotoluene	12.65	91	627860	51.951	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	759040	52.586	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	97356	49.922	ug/l	98
82) 4-Chlorotoluene	12.75	91	657915	51.522	ug/l	98
83) tert-Butylbenzene	12.97	119	629816	52.867	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	765585	52.510	ug/l	99
85) sec-Butylbenzene	13.14	105	824975	51.734	ug/l	99
86) p-Isopropyltoluene	13.26	119	754273	53.627	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	393770	54.562	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	400225	54.545	ug/l	99
89) n-Butylbenzene	13.59	91	677553	52.262	ug/l	99
90) Hexachloroethane	13.85	117	136307	50.895	ug/l	95
91) 1,2-Dichlorobenzene	13.63	146	389054	54.909	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	63280	49.581	ug/l	98

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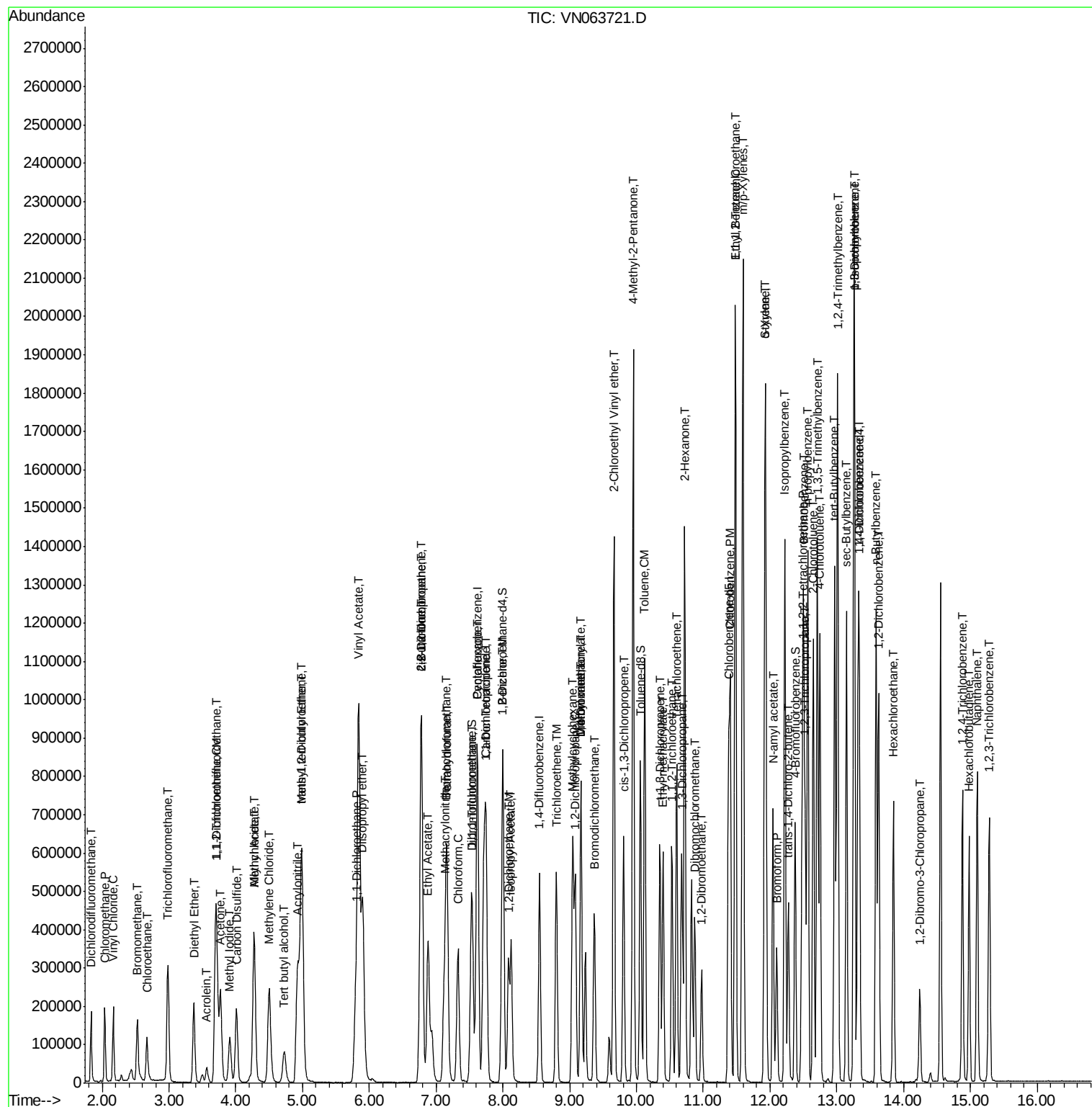
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	218749	52.368	ug/l	99
94) Hexachlorobutadiene	14.98	225	109926	63.567	ug/l	98
95) Naphthalene	15.10	128	660598	47.868	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	210500	52.155	ug/l	98

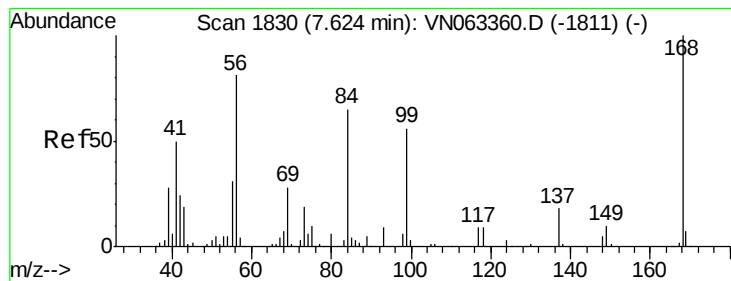
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN092920\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN063721.D

Acq: 29 Sep 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

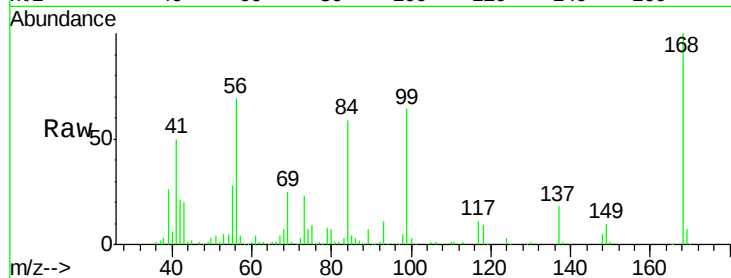
VSTDCCC050

Tgt Ion:168 Resp: 282978

Ion Ratio Lower Upper

168 100

99 63.4 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

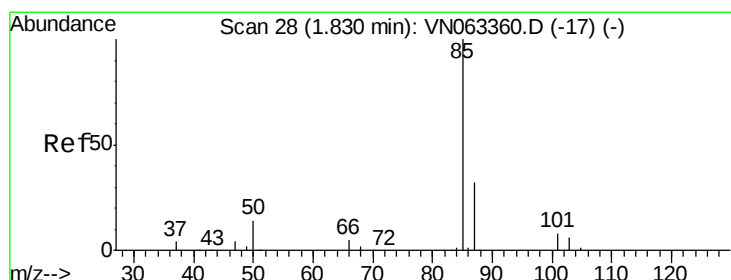
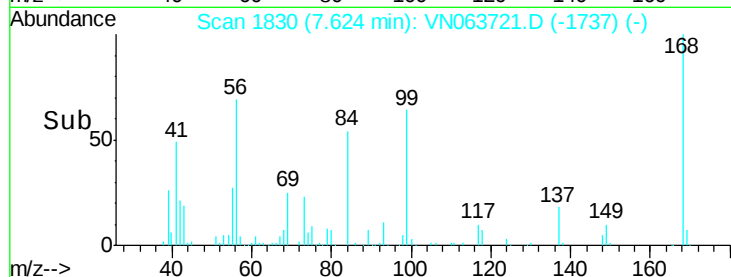
7.62

100000

50000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 43.932 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063721.D

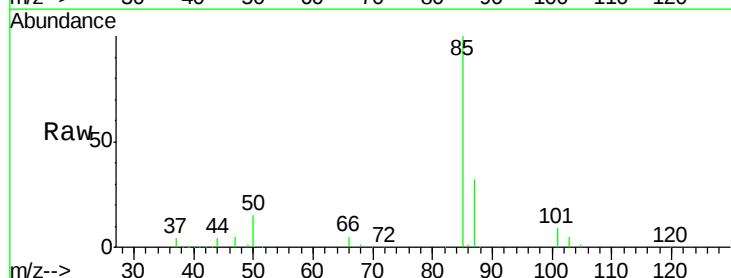
Acq: 29 Sep 2020 12:18

Tgt Ion: 85 Resp: 140842

Ion Ratio Lower Upper

85 100

87 32.1 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

100000

80000

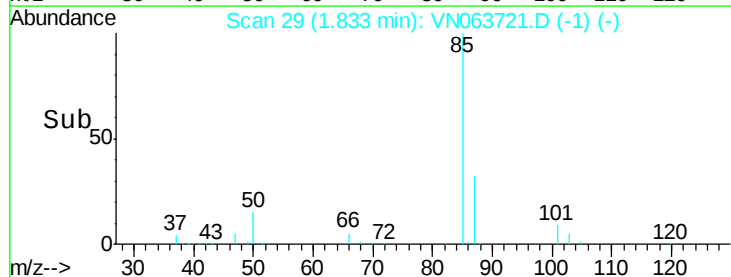
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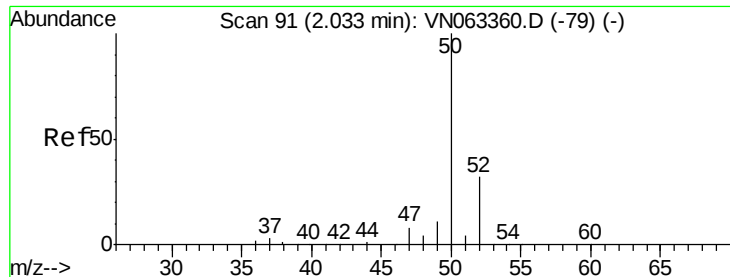
40000

20000

0

Time--> 1.75 1.80 1.85 1.90 1.95





#3

Chloromethane

Concen: 38.490 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063721.D

Acq: 29 Sep 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

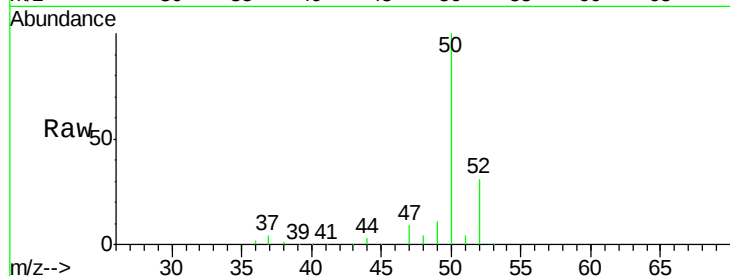
VSTDCCC050

Tgt Ion: 50 Resp: 163239

Ion Ratio Lower Upper

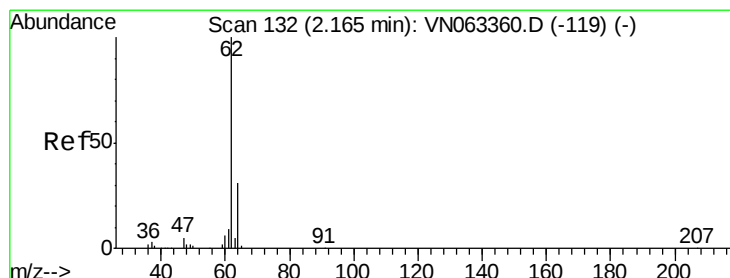
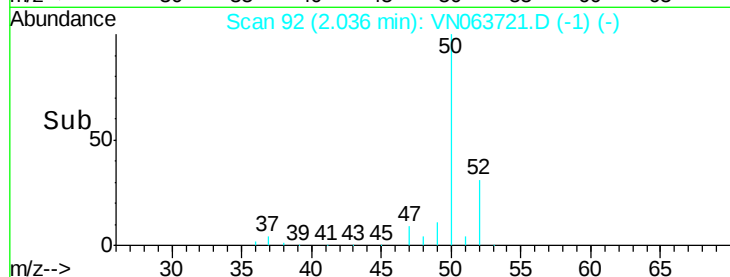
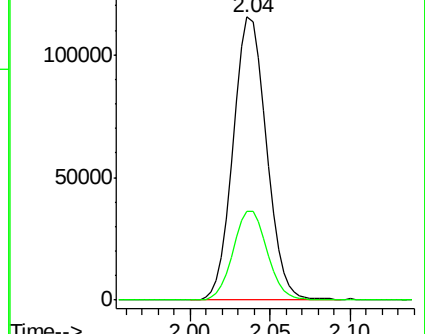
50 100

52 31.5 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 45.143 ug/l

RT: 2.16 min Scan# 132

Delta R.T. -0.00 min

Lab File: VN063721.D

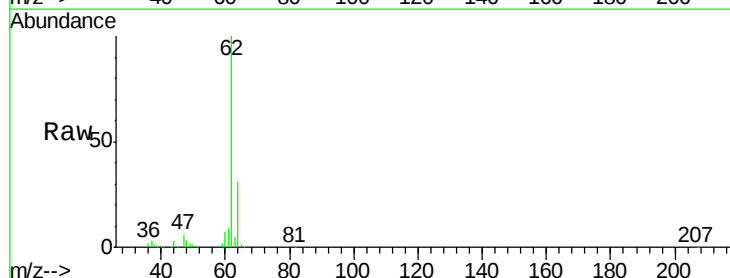
Acq: 29 Sep 2020 12:18

Tgt Ion: 62 Resp: 169626

Ion Ratio Lower Upper

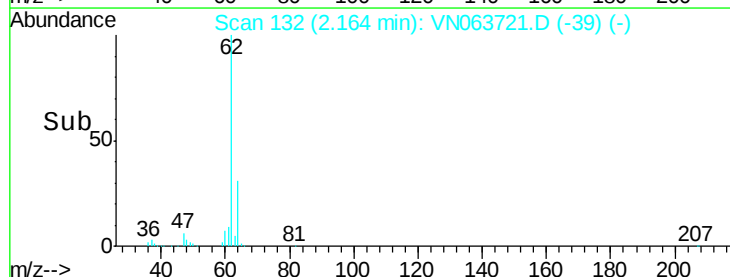
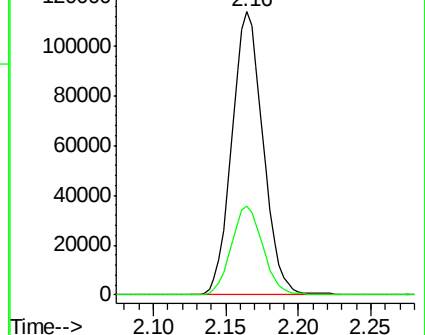
62 100

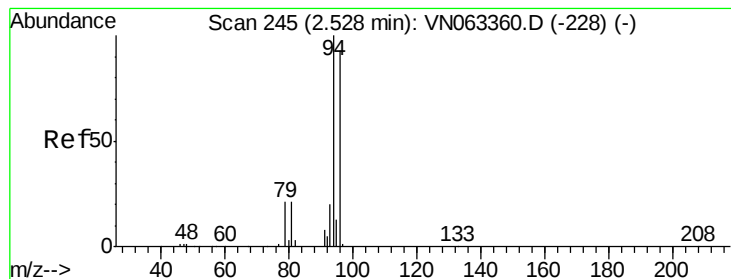
64 31.2 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 50.448 ug/l

RT: 2.52 min Scan# 244

Delta R.T. -0.00 min

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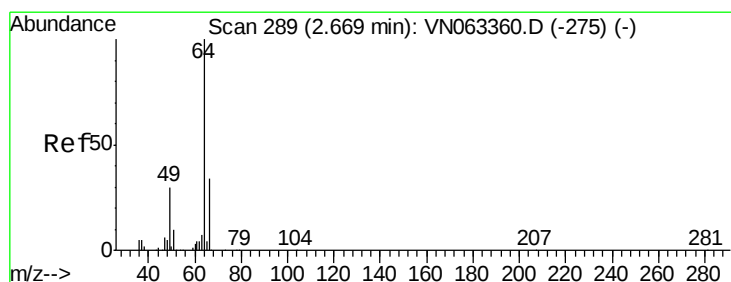
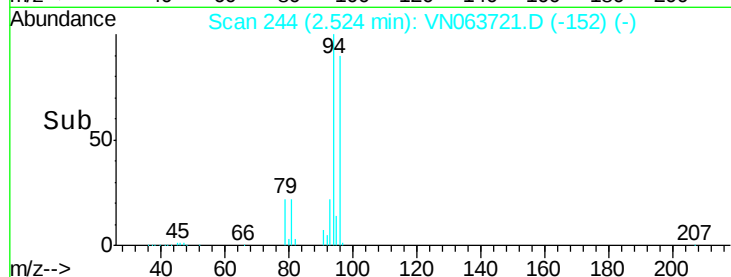
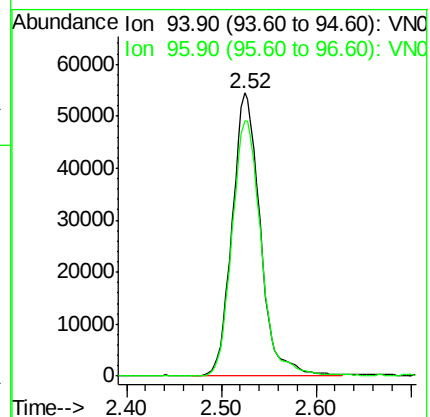
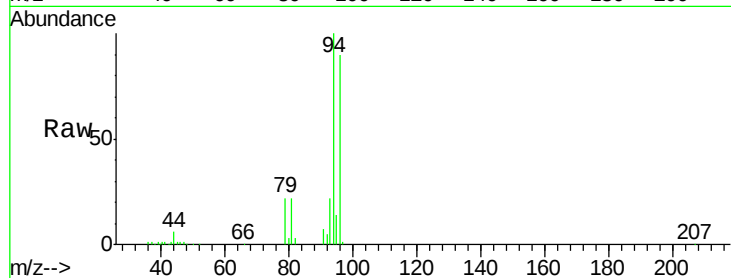
VSTDCCC050

Tgt Ion: 94 Resp: 112548

Ion Ratio Lower Upper

94 100

96 90.3 74.5 111.7



#6

Chloroethane

Concen: 45.181 ug/l

RT: 2.67 min Scan# 289

Delta R.T. -0.00 min

Lab File: VN063721.D

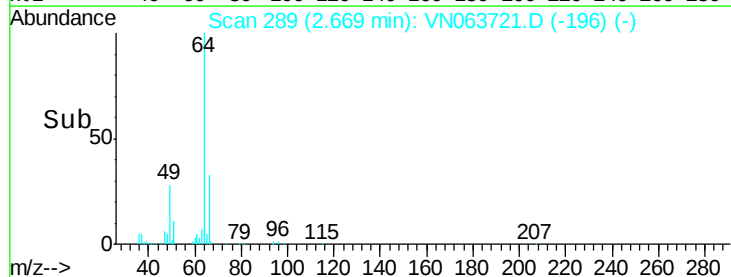
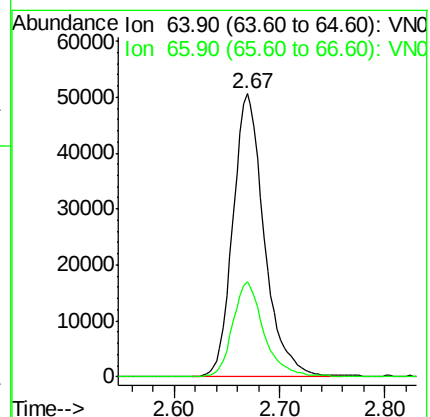
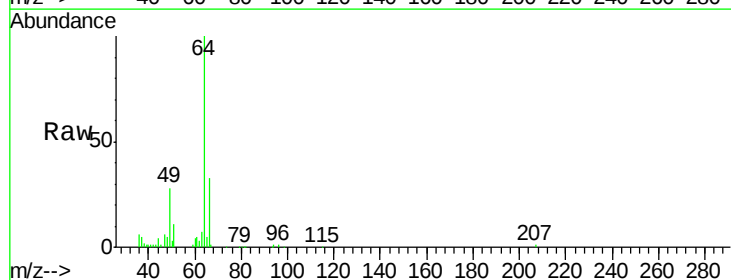
Acq: 29 Sep 2020 12:18

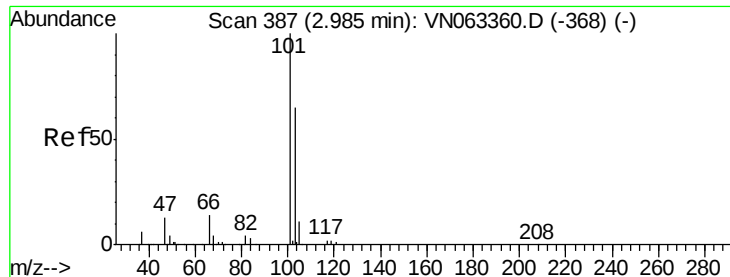
Tgt Ion: 64 Resp: 104211

Ion Ratio Lower Upper

64 100

66 33.4 26.9 40.3



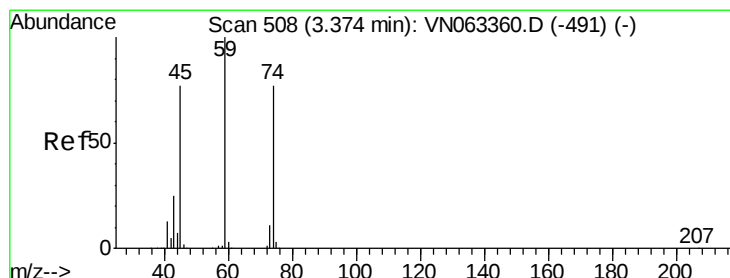
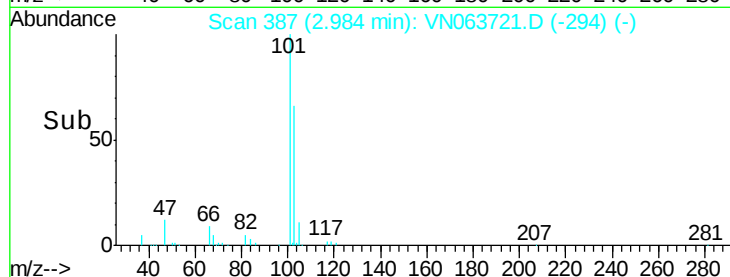
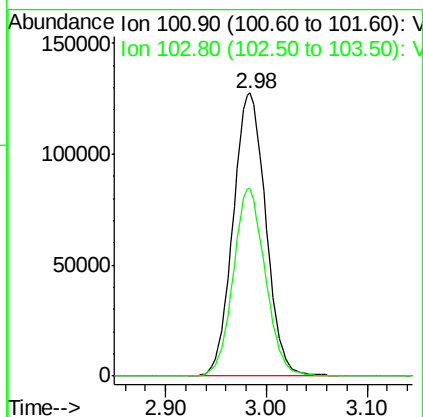
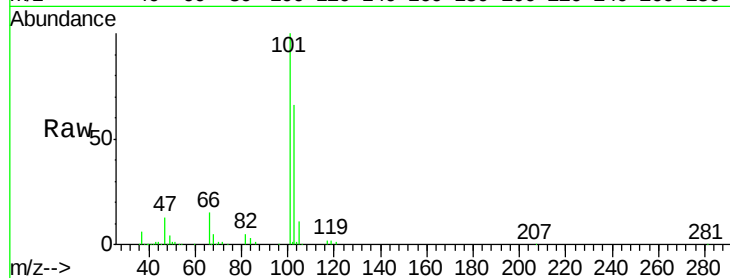


#7

Trichlorofluoromethane
 Concen: 51.199 ug/l
 RT: 2.98 min Scan# 387
 Delta R.T. -0.00 min
 Lab File: VN063721.D
 Acq: 29 Sep 2020 12:18

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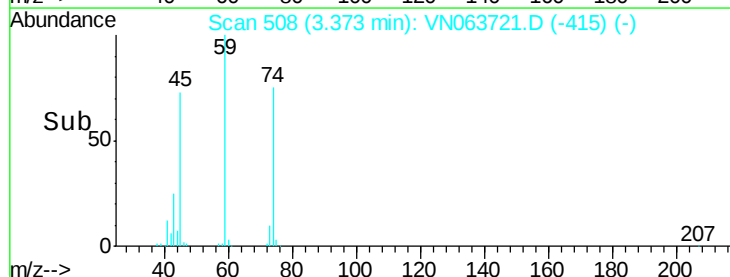
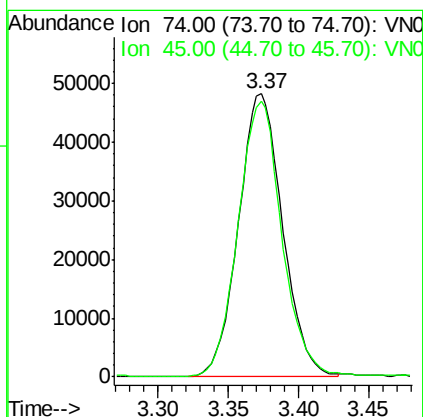
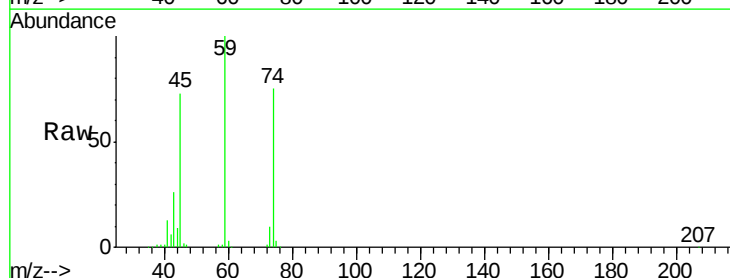
Tgt Ion: 101 Resp: 287025
 Ion Ratio Lower Upper
 101 100
 103 66.0 52.3 78.5

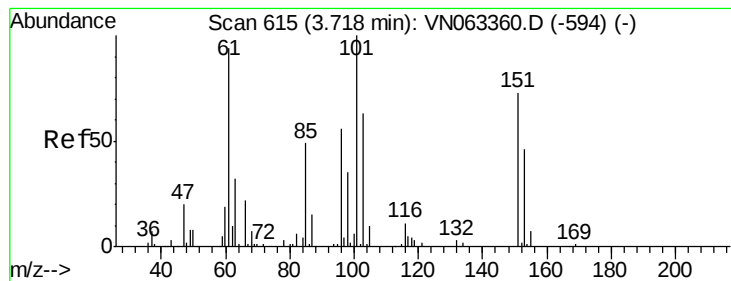


#8

Diethyl Ether
 Concen: 48.228 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN063721.D
 Acq: 29 Sep 2020 12:18

Tgt Ion: 74 Resp: 105399
 Ion Ratio Lower Upper
 74 100
 45 97.7 52.1 156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.245 ug/l

RT: 3.72 min Scan# 615

Delta R.T. -0.00 min

Lab File: VN063721.D

Acq: 29 Sep 2020 12:18

Instrument :

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VSTDCCC050

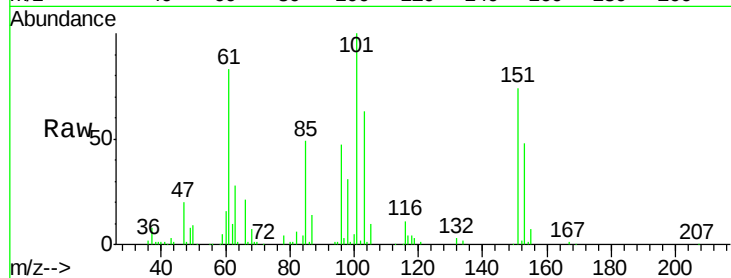
Tgt Ion:101 Resp: 158411

Ion Ratio Lower Upper

101 100

85 48.6 37.7 56.5

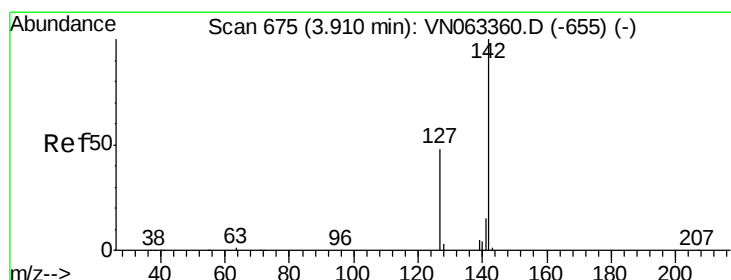
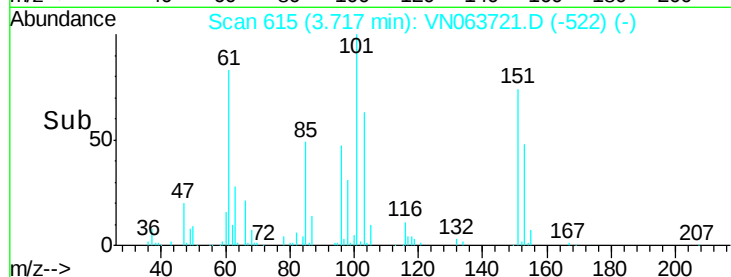
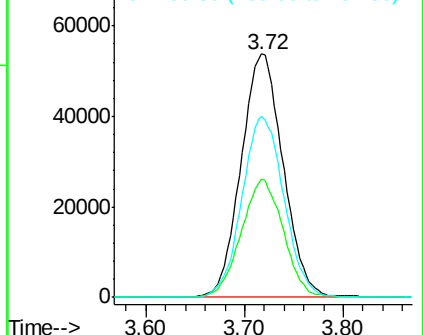
151 74.3 57.7 86.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 45.759 ug/l

RT: 3.91 min Scan# 675

Delta R.T. -0.00 min

Lab File: VN063721.D

Acq: 29 Sep 2020 12:18

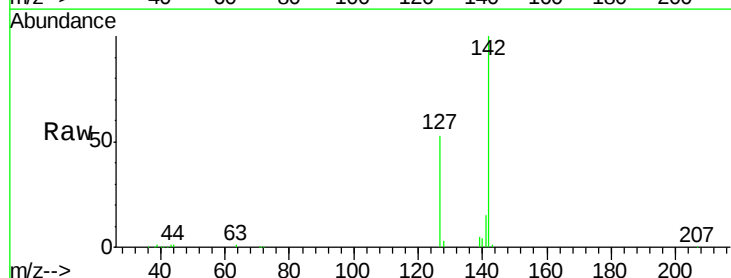
Tgt Ion:142 Resp: 187828

Ion Ratio Lower Upper

142 100

127 49.5 39.0 58.6

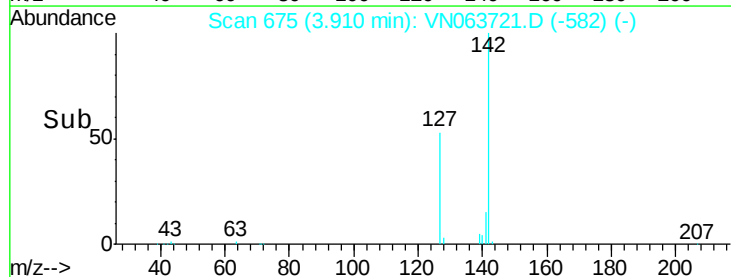
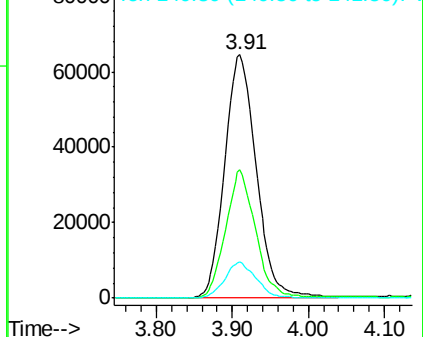
141 14.6 11.6 17.4

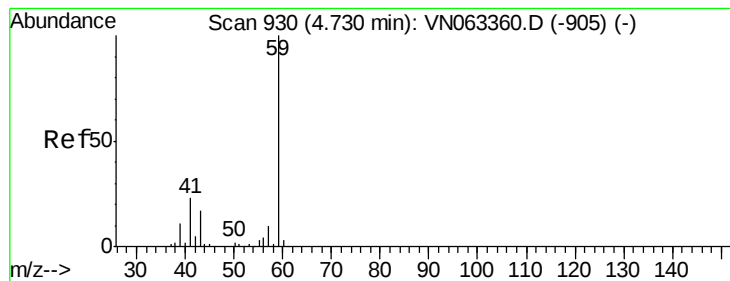


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



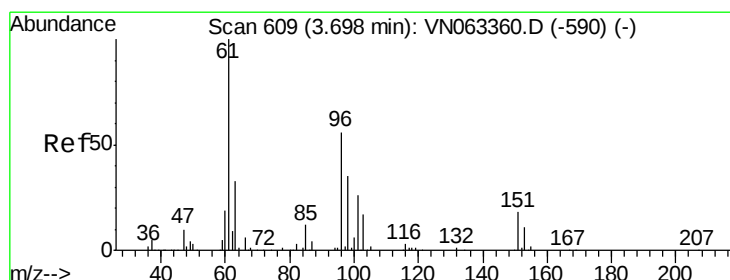
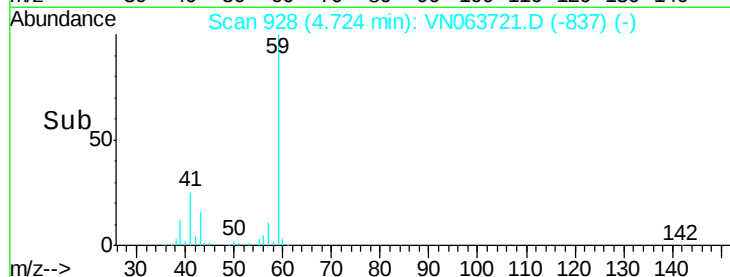
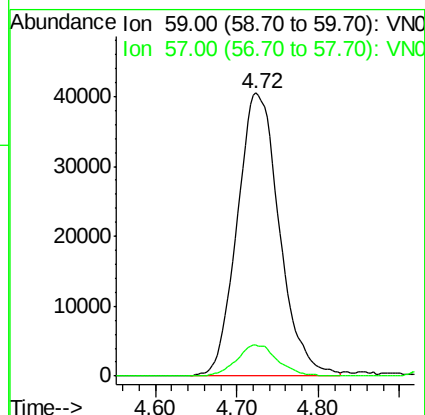
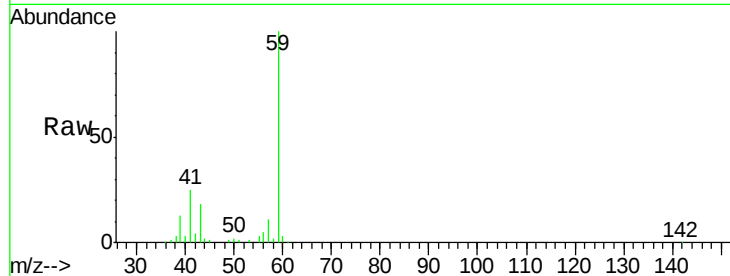


#11

Tert butyl alcohol
 Concen: 217.527 ug/l
 RT: 4.72 min Scan# 928
 Delta R.T. -0.01 min
 Lab File: VN063721.D
 Acq: 29 Sep 2020 12:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

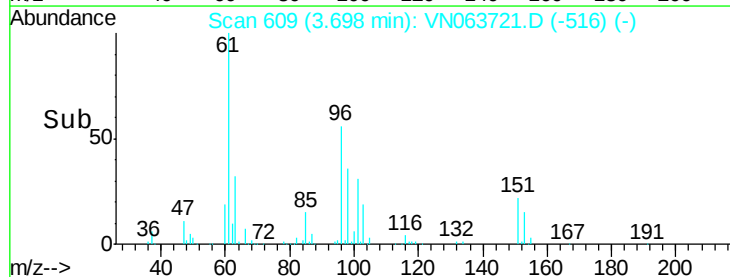
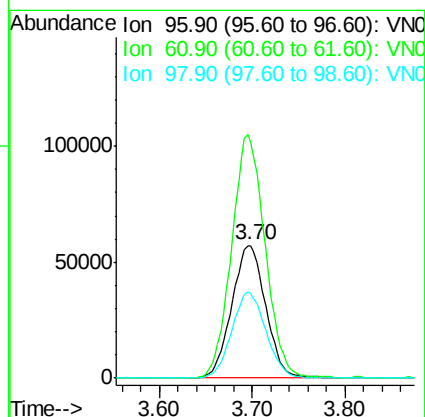
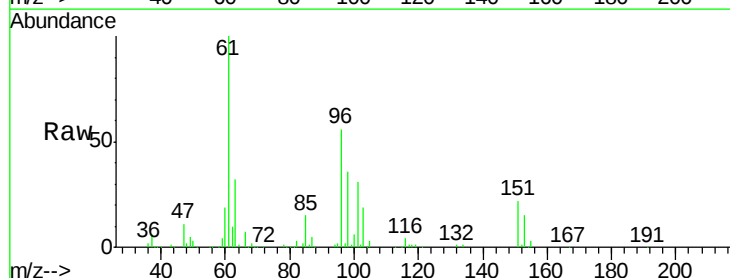
Tgt Ion: 59 Resp: 145162
 Ion Ratio Lower Upper
 59 100
 57 10.8 8.4 12.6

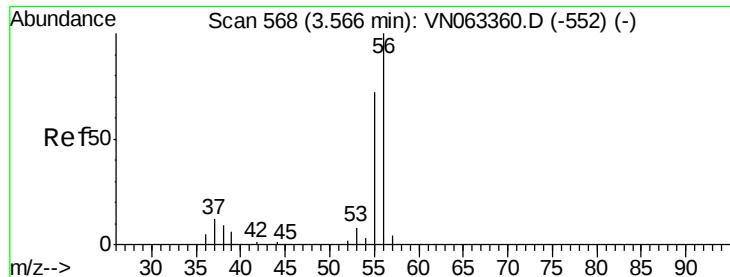


#12

1,1-Dichloroethene
 Concen: 45.461 ug/l
 RT: 3.70 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: VN063721.D
 Acq: 29 Sep 2020 12:18

Tgt Ion: 96 Resp: 145175
 Ion Ratio Lower Upper
 96 100
 61 177.6 143.4 215.2
 98 63.7 50.6 76.0





#13

Acrolein

Concen: 178.065 ug/l

RT: 3.56 min Scan# 567

Delta R.T. -0.00 min

Lab File: VN063721.D

Acq: 29 Sep 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

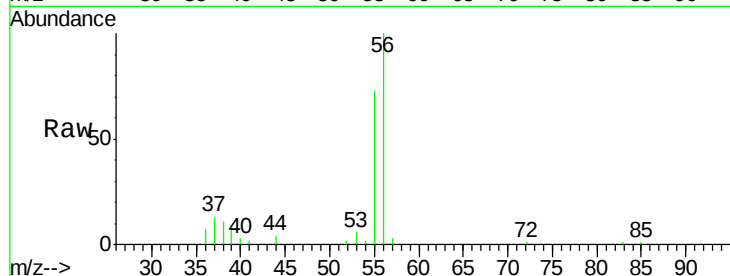
VSTDCCC050

Tgt Ion: 56 Resp: 44036

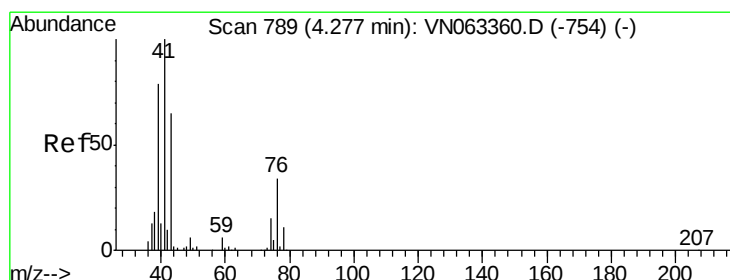
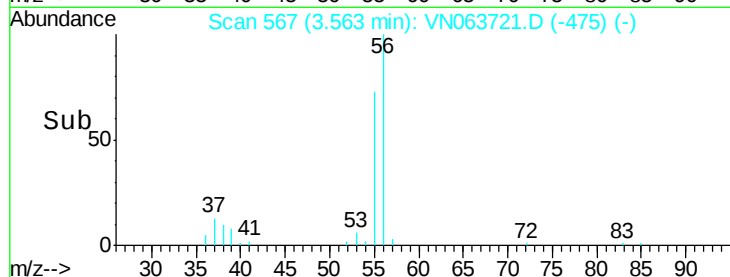
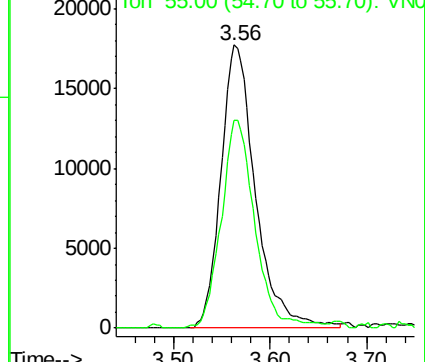
Ion Ratio Lower Upper

56 100

55 70.9 58.2 87.2



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



#14

Allyl chloride

Concen: 45.242 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063721.D

Acq: 29 Sep 2020 12:18

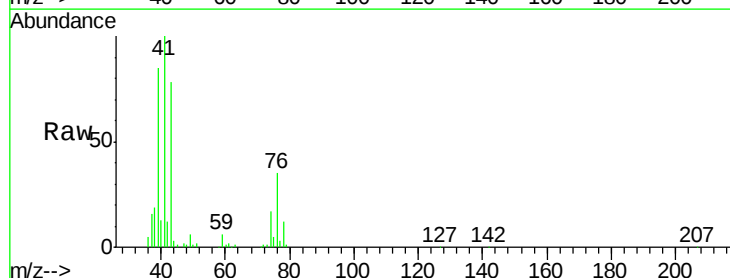
Tgt Ion: 41 Resp: 285778

Ion Ratio Lower Upper

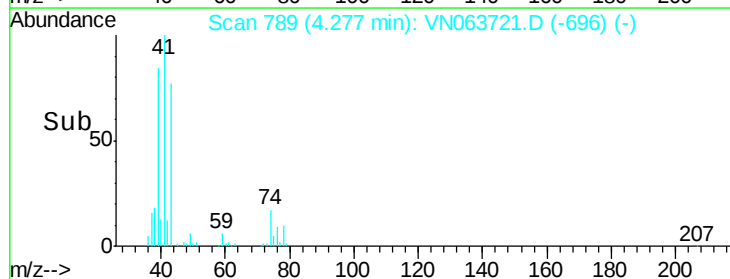
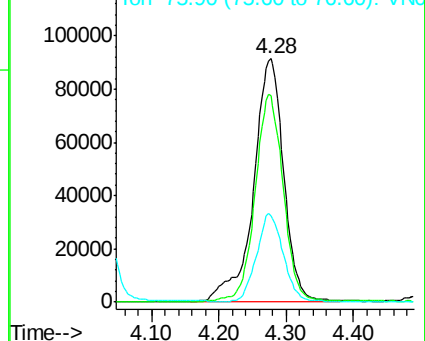
41 100

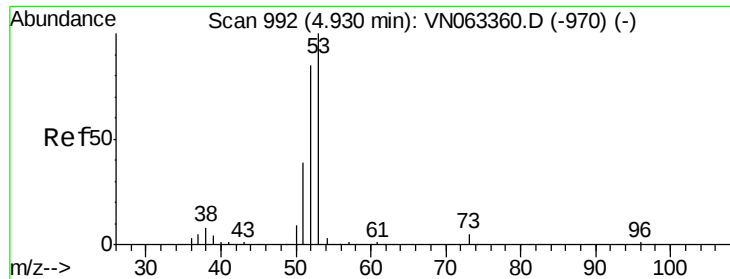
39 79.6 59.3 88.9

76 31.6 25.3 37.9



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

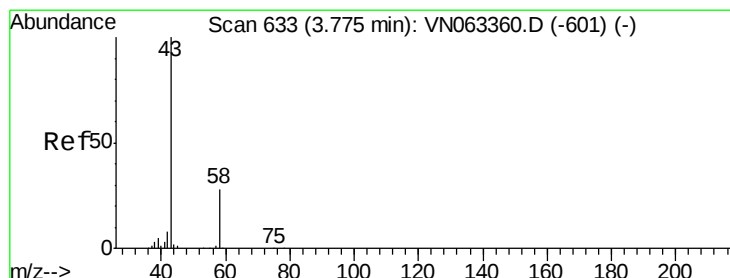
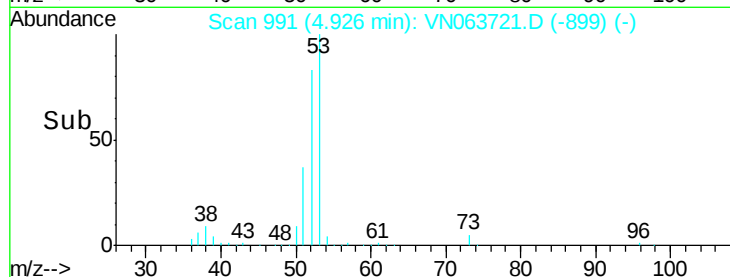
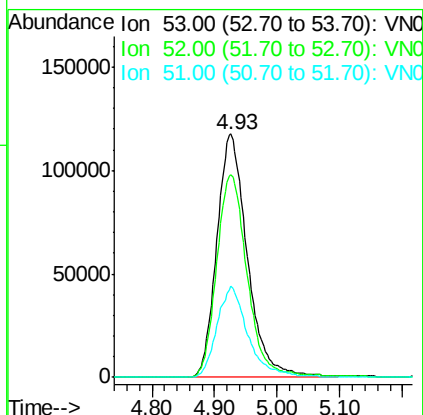
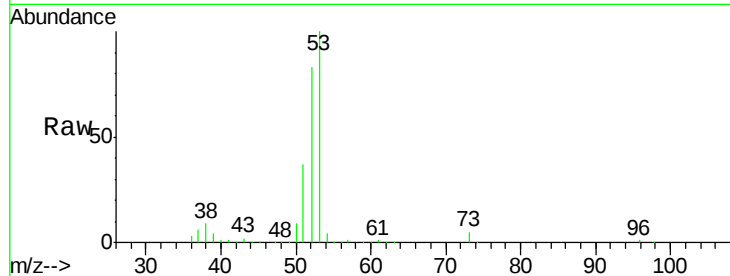




#15
 Acrylonitrile
 Concen: 234.681 ug/l
 RT: 4.93 min Scan# 991
 Delta R.T. -0.00 min
 Lab File: VN063721.D
 Acq: 29 Sep 2020 12:18

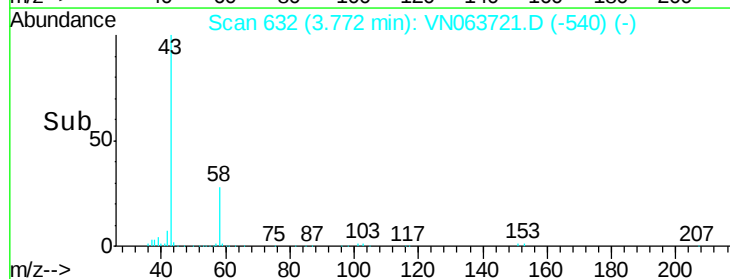
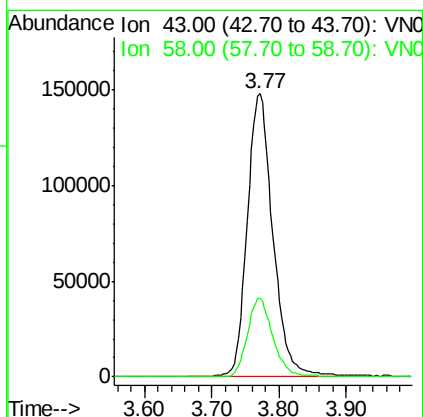
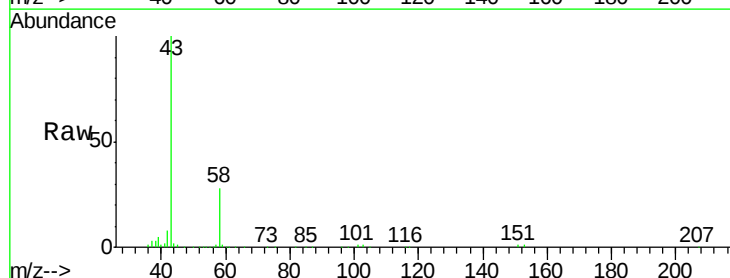
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

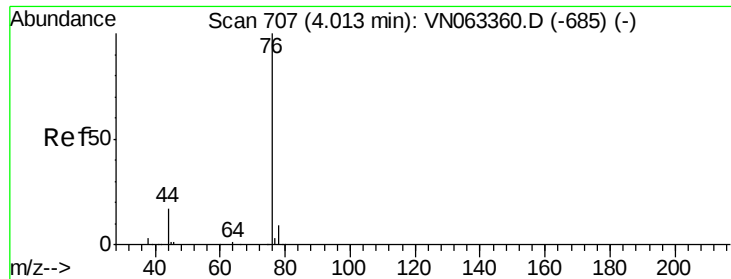
Tgt Ion: 53 Resp: 398363
 Ion Ratio Lower Upper
 53 100
 52 82.9 66.4 99.6
 51 37.8 30.2 45.4



#16
 Acetone
 Concen: 252.316 ug/l
 RT: 3.77 min Scan# 632
 Delta R.T. -0.00 min
 Lab File: VN063721.D
 Acq: 29 Sep 2020 12:18

Tgt Ion: 43 Resp: 390614
 Ion Ratio Lower Upper
 43 100
 58 28.0 22.3 33.5

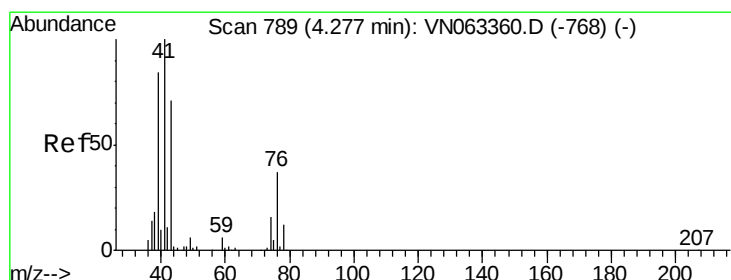
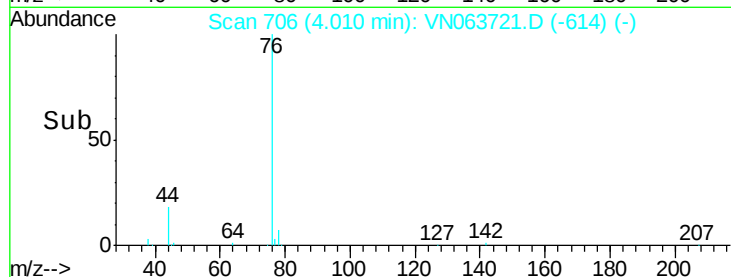
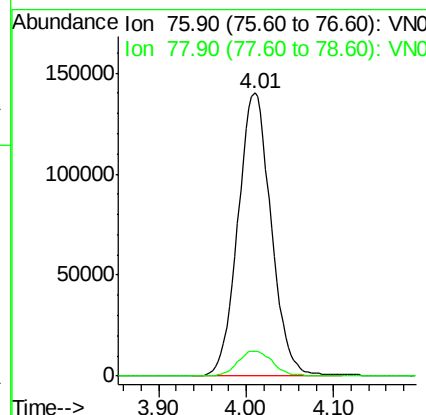
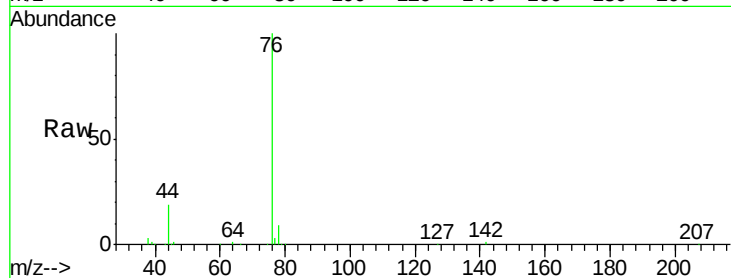




#17
Carbon Disulfide
Concen: 39.776 ug/l
RT: 4.01 min Scan# 706
Delta R.T. -0.00 min
Lab File: VN063721.D
Acq: 29 Sep 2020 12:18

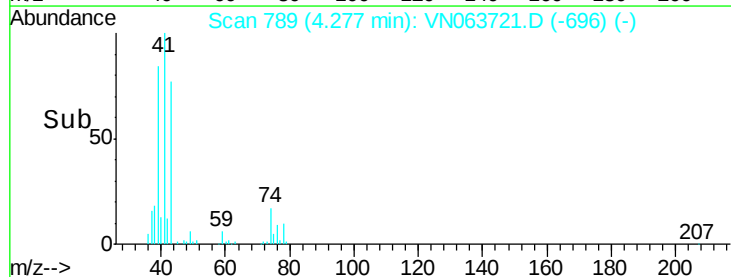
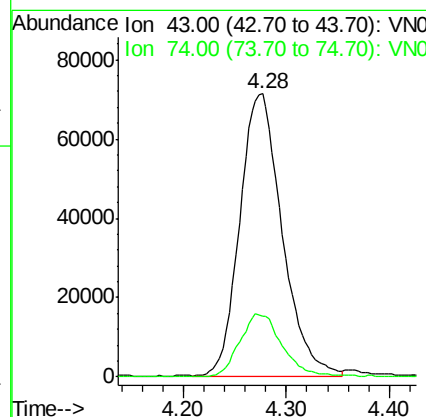
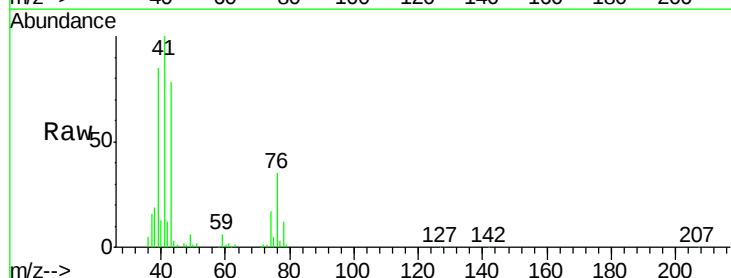
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

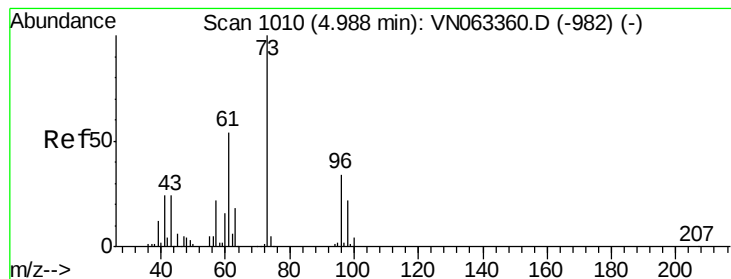
Tgt Ion: 76 Resp: 369471
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8



#18
Methyl Acetate
Concen: 51.559 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN063721.D
Acq: 29 Sep 2020 12:18

Tgt Ion: 43 Resp: 202633
Ion Ratio Lower Upper
43 100
74 22.4 17.4 26.2





#19

Methyl tert-butyl Ether

Concen: 48.509 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. -0.00 min

Lab File: VN063721.D

Acq: 29 Sep 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

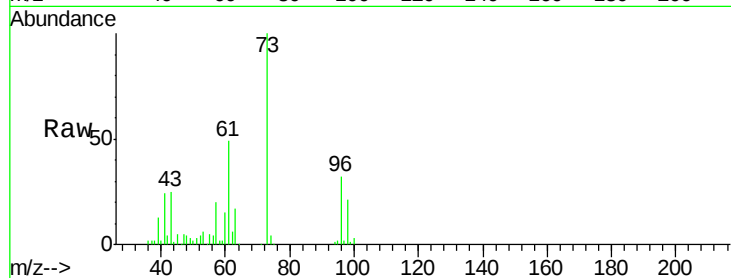
VSTDCCC050

Tgt Ion: 73 Resp: 577350

Ion Ratio Lower Upper

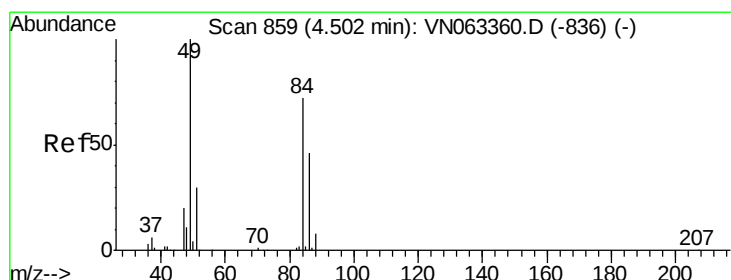
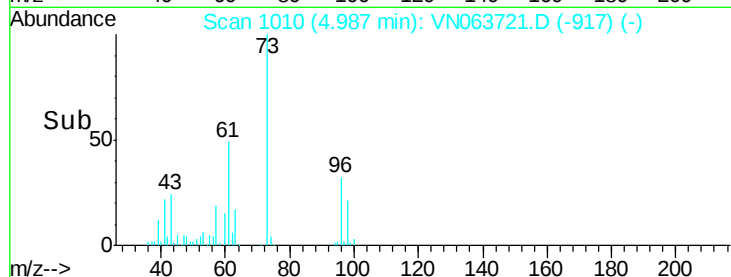
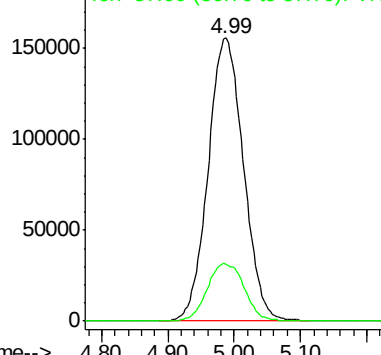
73 100

57 20.1 17.9 26.9



Abundance Ion 73.00 (72.70 to 73.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#20

Methylene Chloride

Concen: 45.670 ug/l

RT: 4.50 min Scan# 859

Delta R.T. -0.00 min

Lab File: VN063721.D

Acq: 29 Sep 2020 12:18

Tgt Ion: 84 Resp: 179134

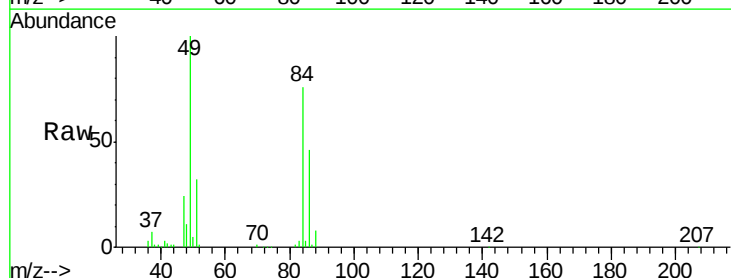
Ion Ratio Lower Upper

84 100

49 131.9 110.7 166.1

51 42.7 32.9 49.3

86 61.0 51.1 76.7

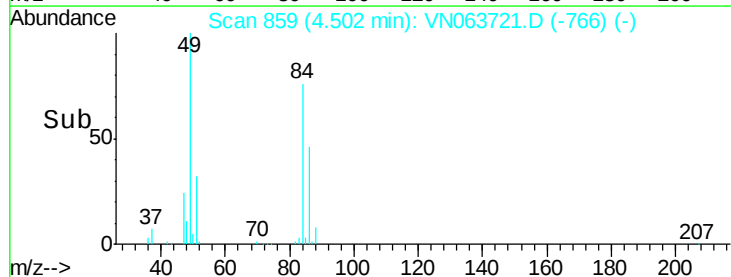
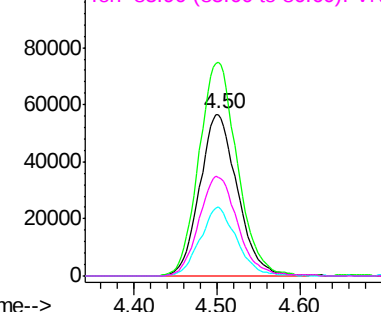


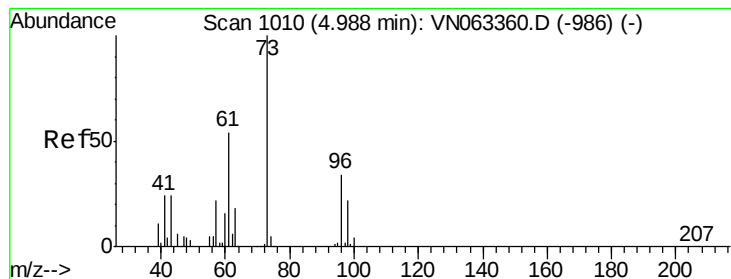
Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0





#21

trans-1,2-Dichloroethene

Concen: 45.846 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. -0.00 min

Lab File: VN063721.D

Acq: 29 Sep 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

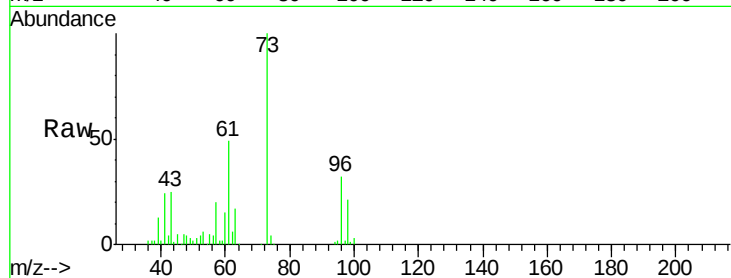
Tgt Ion: 96 Resp: 162203

Ion Ratio Lower Upper

96 100

61 154.0 126.2 189.4

98 66.0 51.0 76.4

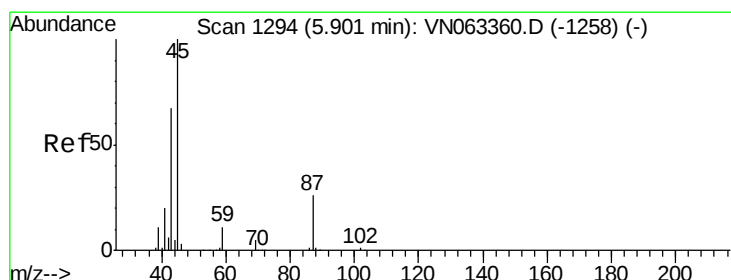
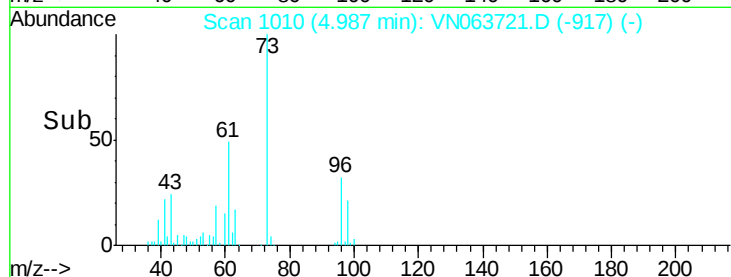
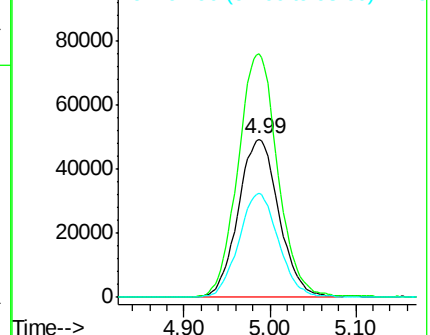


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 47.319 ug/l

RT: 5.90 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VN063721.D

Acq: 29 Sep 2020 12:18

Tgt Ion: 45 Resp: 609590

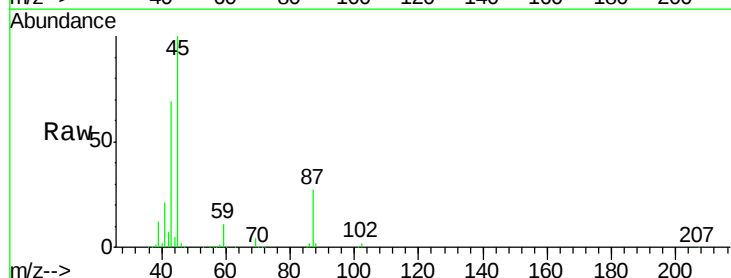
Ion Ratio Lower Upper

45 100

43 68.3 53.5 80.3

87 27.0 21.2 31.8

59 11.1 8.8 13.2



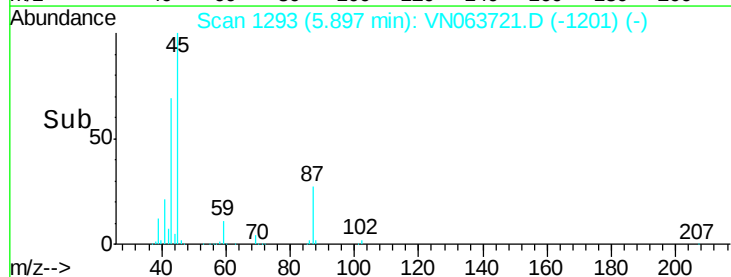
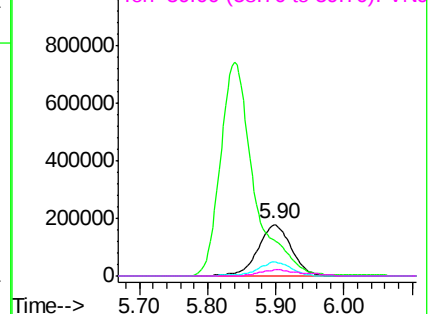
Abundance

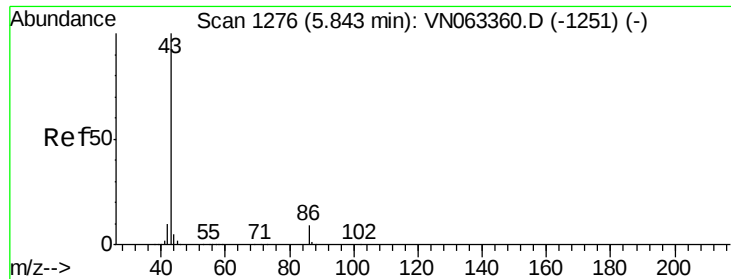
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 239.033 ug/l

RT: 5.84 min Scan# 1275

Delta R.T. -0.00 min

Lab File: VN063721.D

Acq: 29 Sep 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

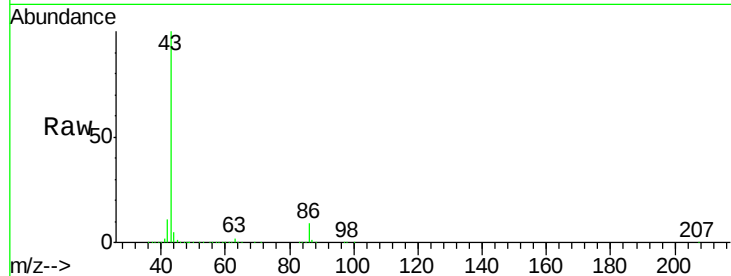
VSTDCCC050

Tgt Ion: 43 Resp: 2528970

Ion Ratio Lower Upper

43 100

86 9.4 7.1 10.7



Abundance Ion 43.00 (42.70 to 43.70): VN063360.D (-1251) (-)

Ion 86.00 (85.70 to 86.70): VN063360.D (-1251) (-)

5.84

800000

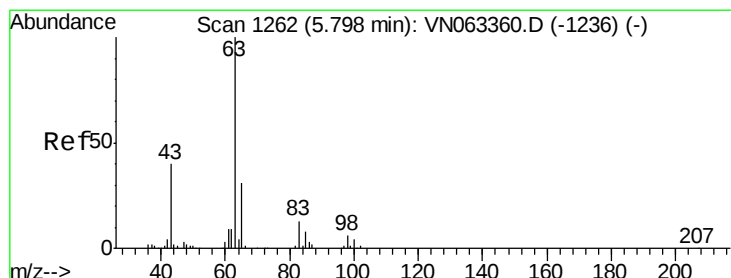
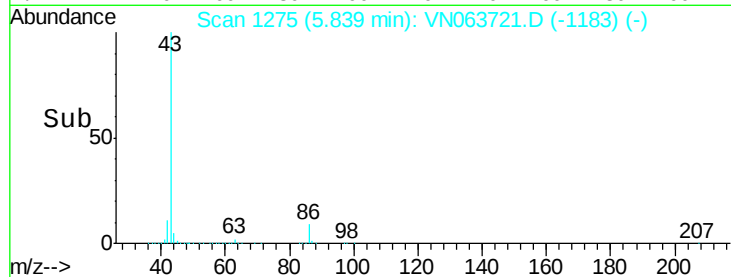
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 47.554 ug/l

RT: 5.79 min Scan# 1261

Delta R.T. -0.00 min

Lab File: VN063721.D

Acq: 29 Sep 2020 12:18

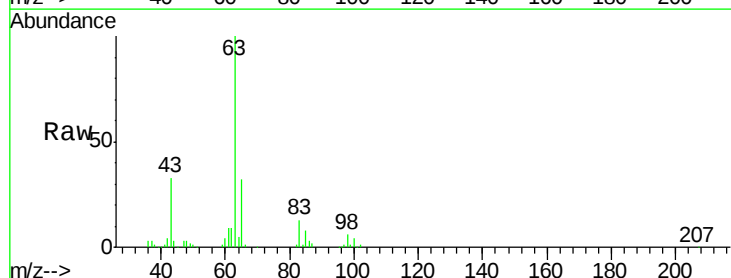
Tgt Ion: 63 Resp: 334463

Ion Ratio Lower Upper

63 100

98 5.9 2.9 8.8

100 3.9 2.1 6.3



Abundance Ion 62.90 (62.60 to 63.60): VN063360.D (-1236) (-)

Ion 97.90 (97.60 to 98.60): VN063360.D (-1236) (-)

Ion 99.90 (99.60 to 100.60): VN063360.D (-1236) (-)

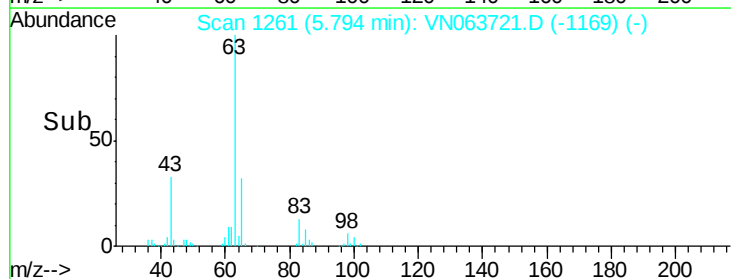
5.79

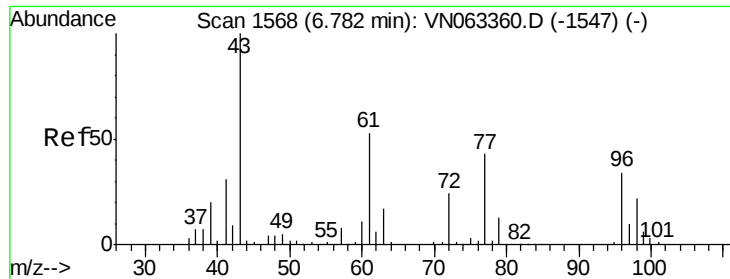
100000

50000

0

Time-->





#25

2-Butanone

Concen: 241.096 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VN063721.D

Acq: 29 Sep 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

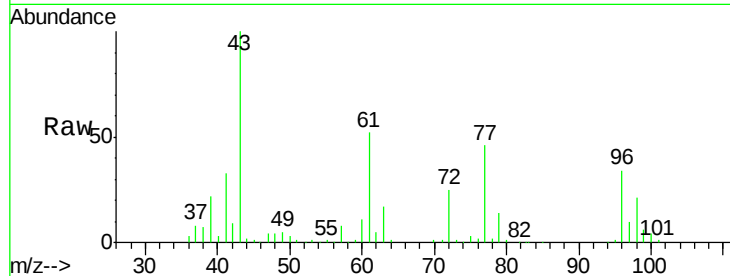
VSTDCCC050

Tgt Ion: 43 Resp: 574040

Ion Ratio Lower Upper

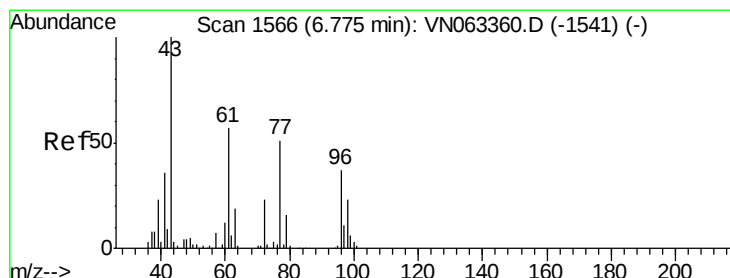
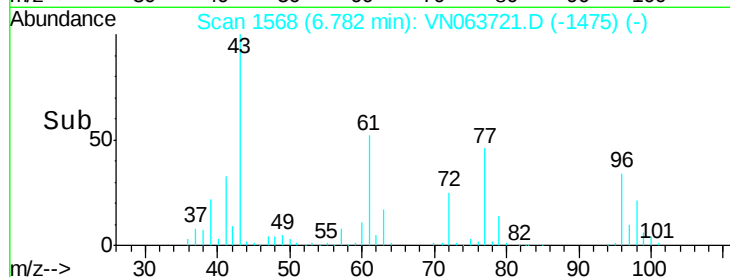
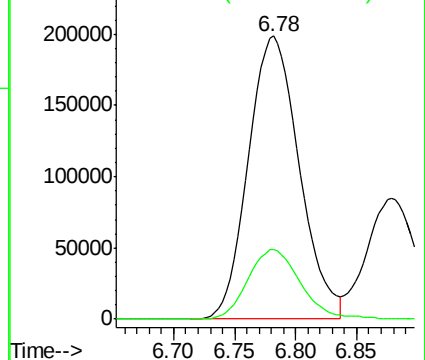
43 100

72 24.8 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 50.279 ug/l

RT: 6.77 min Scan# 1565

Delta R.T. -0.00 min

Lab File: VN063721.D

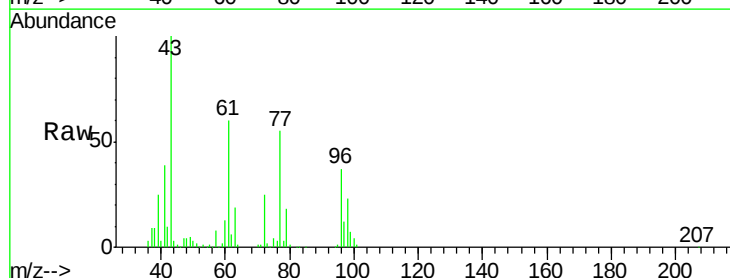
Acq: 29 Sep 2020 12:18

Tgt Ion: 77 Resp: 311345

Ion Ratio Lower Upper

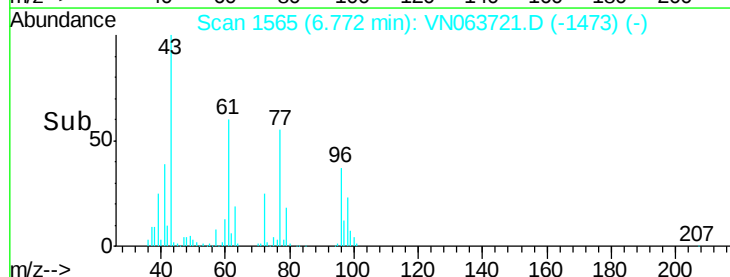
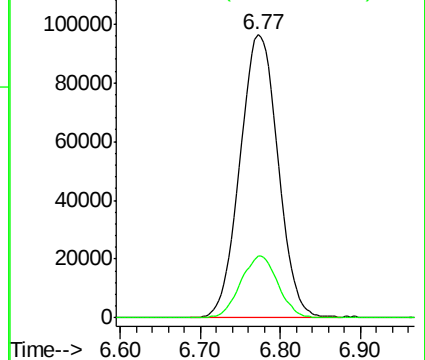
77 100

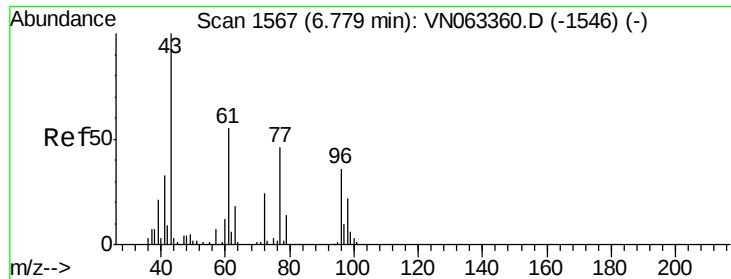
97 21.4 10.5 31.6



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0

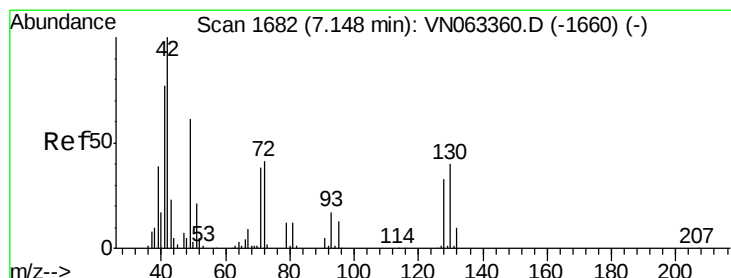
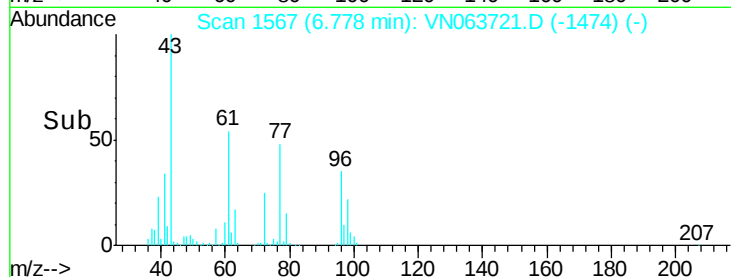
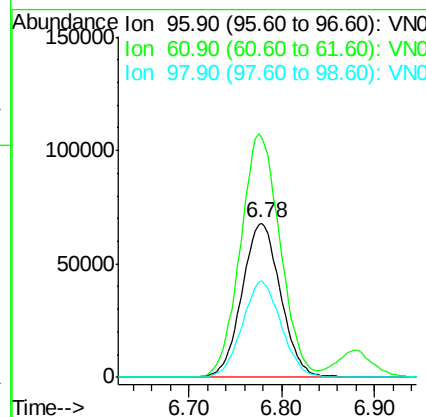
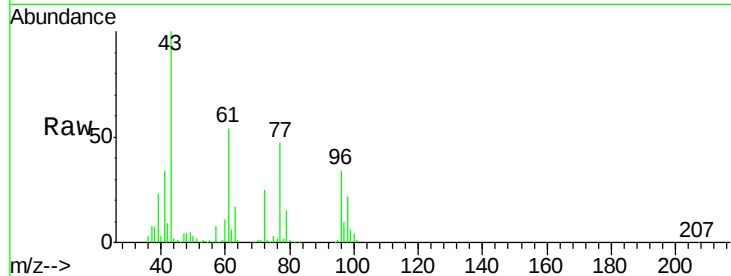




#27
 cis-1,2-Dichloroethene
 Concen: 49.049 ug/l
 RT: 6.78 min Scan# 1567
 Delta R.T. -0.00 min
 Lab File: VN063721.D
 Acq: 29 Sep 2020 12:18

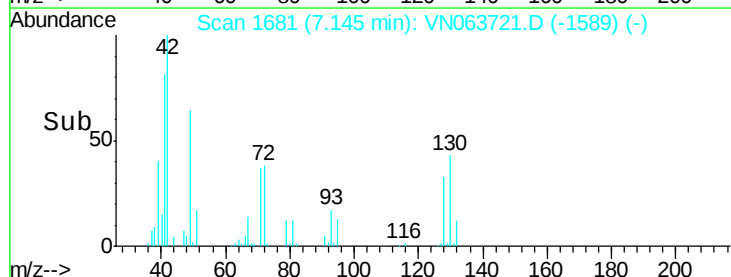
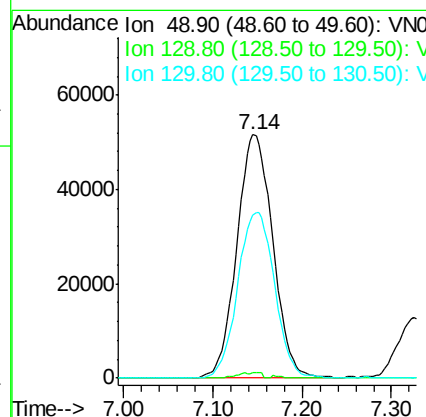
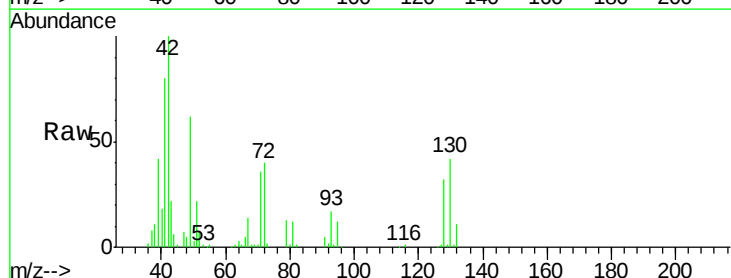
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

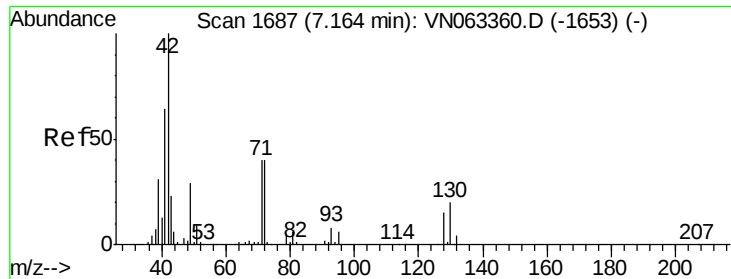
Tgt Ion: 96 Resp: 196420
 Ion Ratio Lower Upper
 96 100
 61 162.1 0.0 319.6
 98 62.8 0.0 127.8



#28
 Bromochloromethane
 Concen: 44.560 ug/l
 RT: 7.14 min Scan# 1681
 Delta R.T. -0.00 min
 Lab File: VN063721.D
 Acq: 29 Sep 2020 12:18

Tgt Ion: 49 Resp: 144706
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 3.8
 130 69.8 52.2 78.2

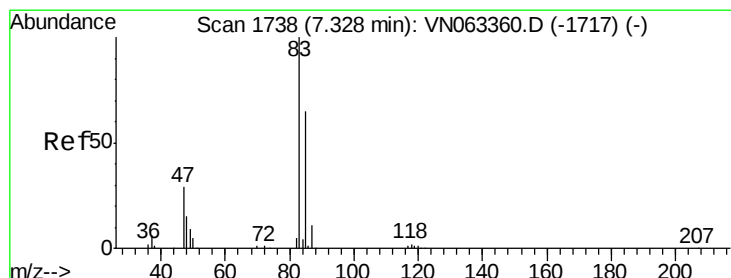
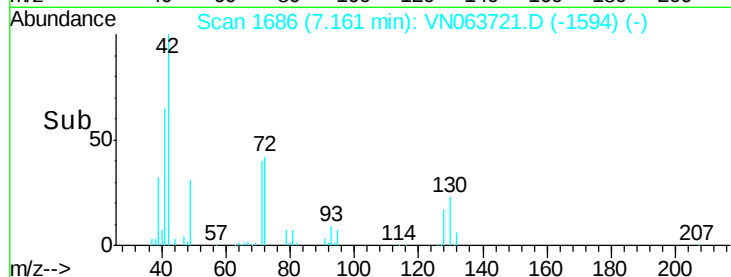
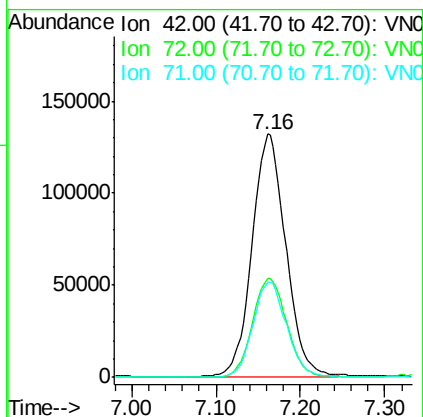
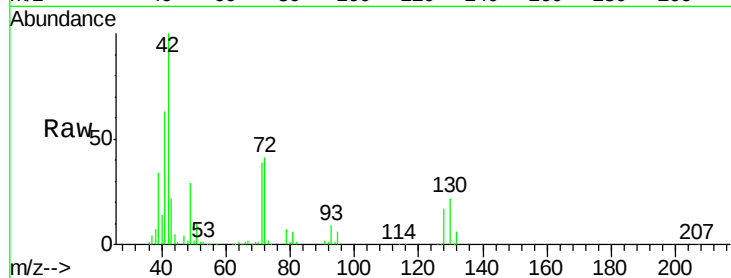




#29
Tetrahydrofuran
Concen: 225.563 ug/l
RT: 7.16 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VN063721.D
Acq: 29 Sep 2020 12:18

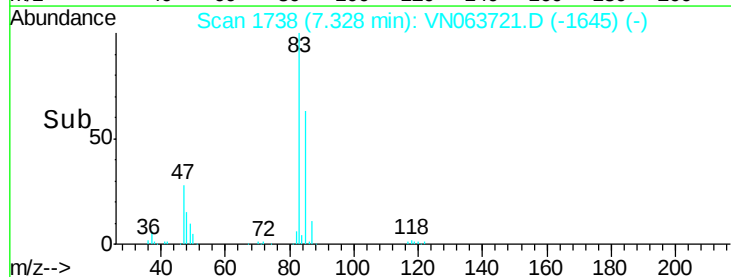
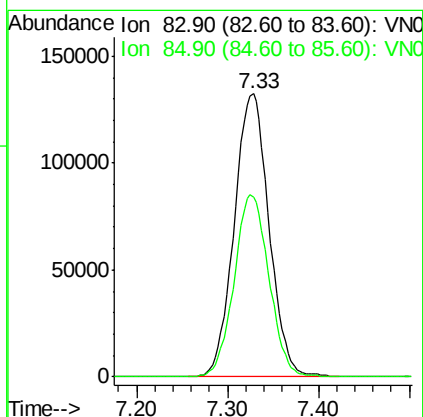
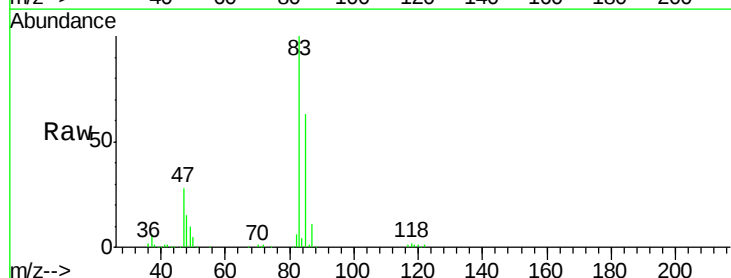
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

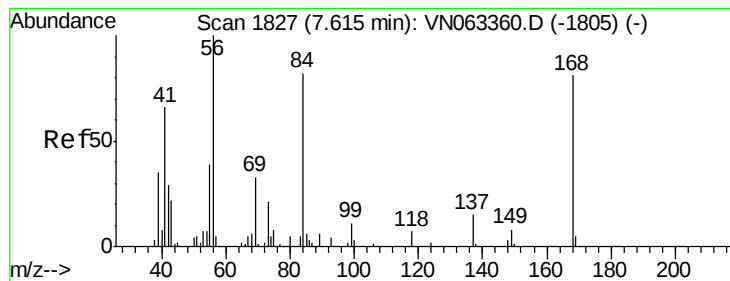
Tgt Ion: 42 Resp: 366799
Ion Ratio Lower Upper
42 100
72 41.5 32.1 48.1
71 39.3 31.2 46.8



#30
Chloroform
Concen: 49.885 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VN063721.D
Acq: 29 Sep 2020 12:18

Tgt Ion: 83 Resp: 352011
Ion Ratio Lower Upper
83 100
85 63.3 52.1 78.1





#31

Cyclohexane

Concen: 40.999 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VN063721.D

Acq: 29 Sep 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

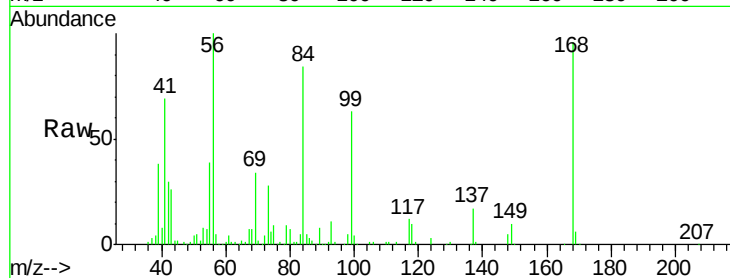
Tgt Ion: 56 Resp: 272759

Ion Ratio Lower Upper

56 100

69 33.7 26.1 39.1

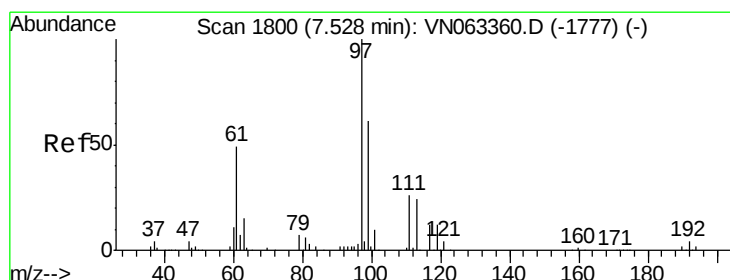
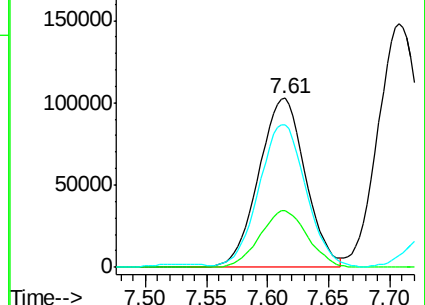
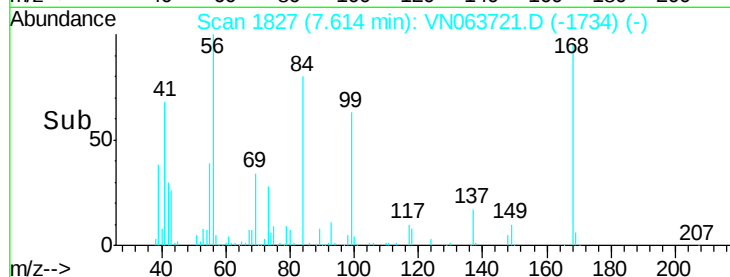
84 82.4 65.4 98.2



Abundance Ion 56.00 (55.70 to 56.70): VN063721.D (-1734) (-)

Ion 69.00 (68.70 to 69.70): VN063721.D (-1734) (-)

Ion 84.00 (83.70 to 84.70): VN063721.D (-1734) (-)



#32

1,1,1-Trichloroethane

Concen: 51.198 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VN063721.D

Acq: 29 Sep 2020 12:18

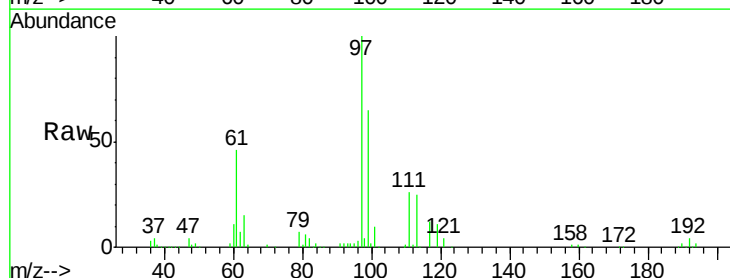
Tgt Ion: 97 Resp: 321327

Ion Ratio Lower Upper

97 100

99 64.0 50.6 76.0

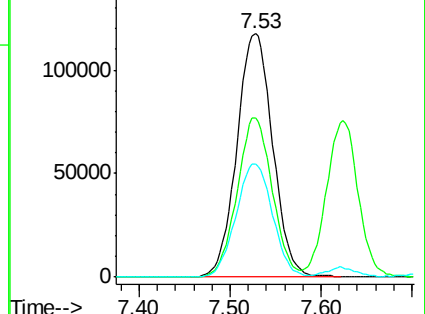
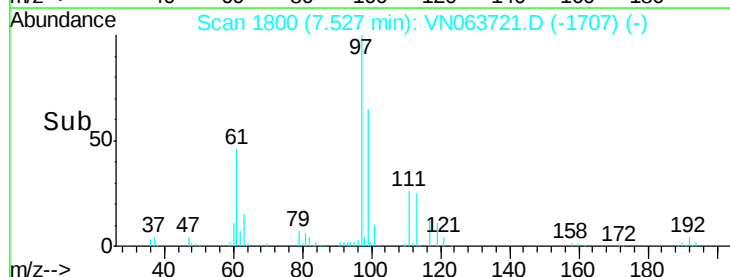
61 47.5 39.2 58.8

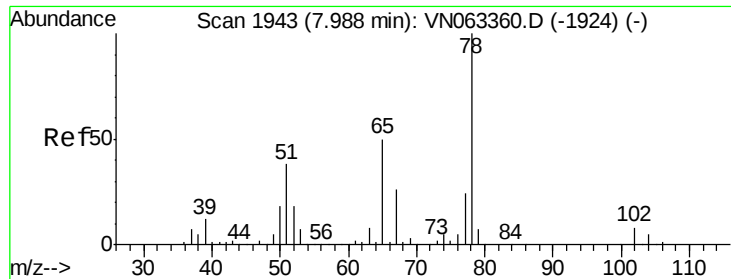


Abundance Ion 96.90 (96.60 to 97.60): VN063721.D (-1707) (-)

Ion 98.90 (98.60 to 99.60): VN063721.D (-1707) (-)

Ion 60.90 (60.60 to 61.60): VN063721.D (-1707) (-)

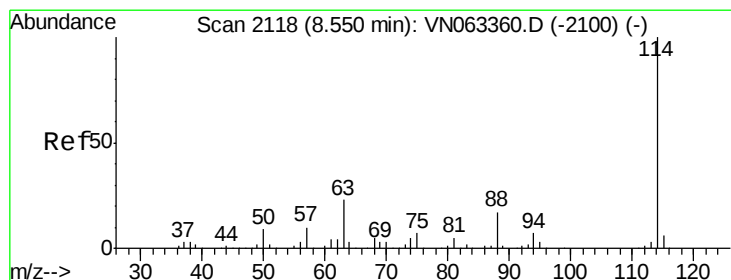
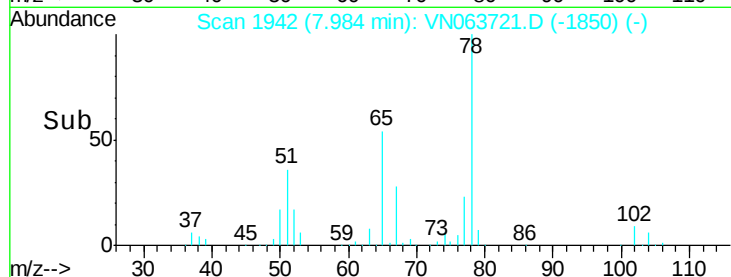
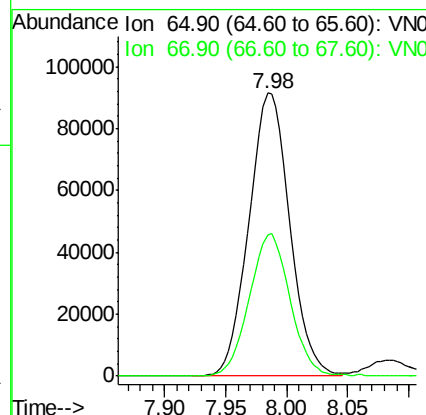
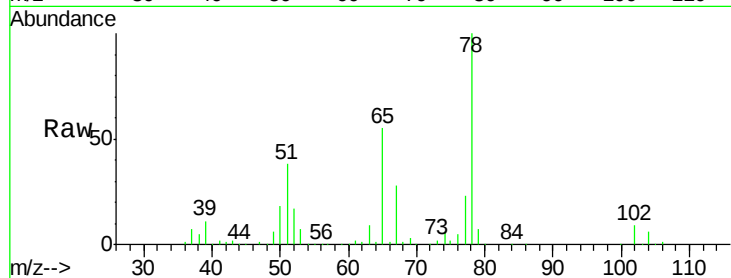




#33
 1,2-Dichloroethane-d4
 Concen: 43.997 ug/l
 RT: 7.98 min Scan# 1942
 Delta R.T. -0.00 min
 Lab File: VN063721.D
 Acq: 29 Sep 2020 12:18

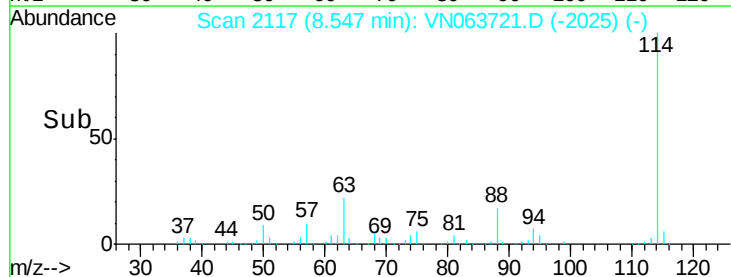
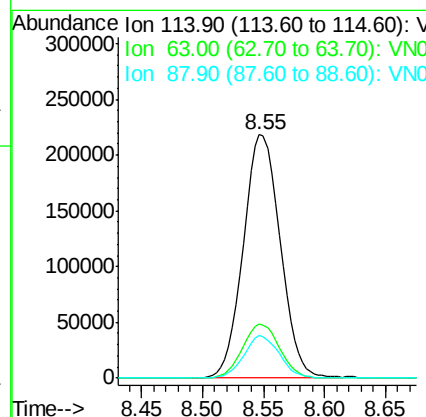
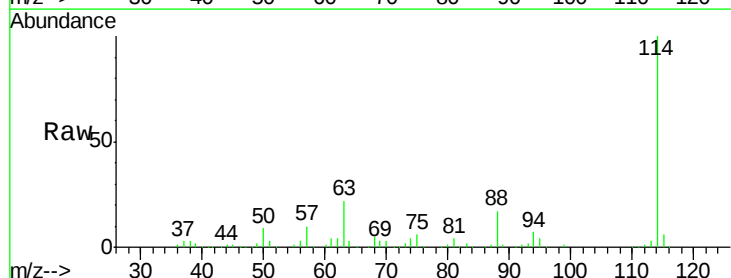
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

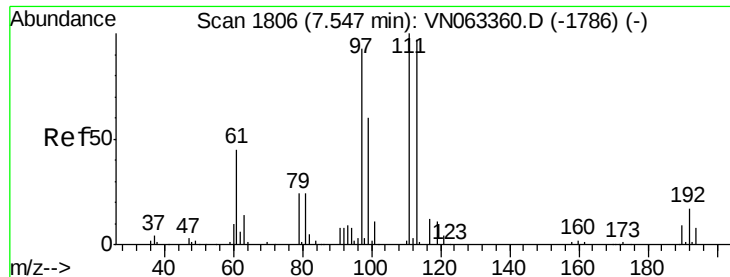
Tgt Ion: 65 Resp: 211937
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN063721.D
 Acq: 29 Sep 2020 12:18

Tgt Ion: 114 Resp: 458261
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 46.4
 88 17.4 0.0 33.2

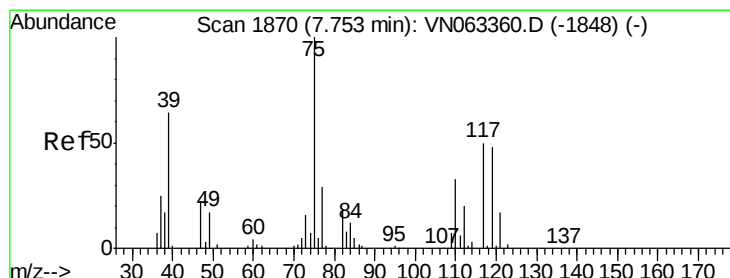
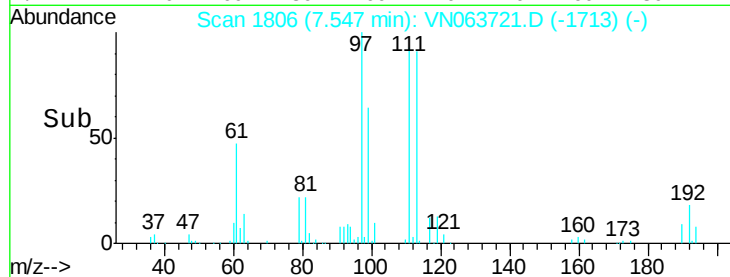
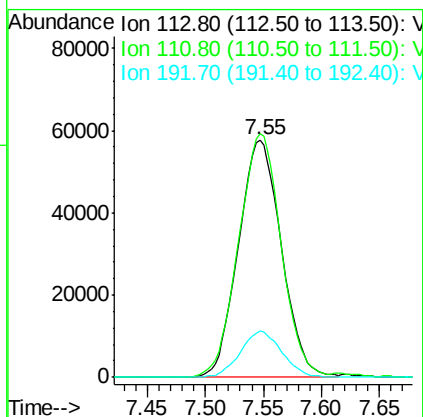
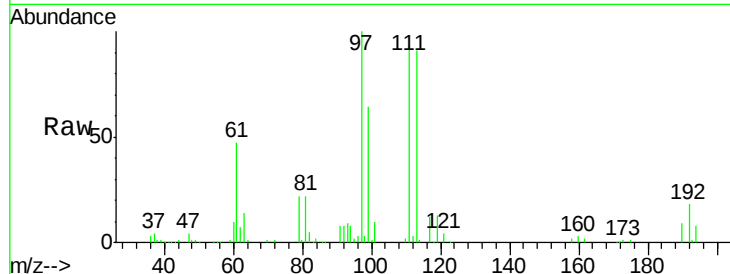




#35
 Dibromofluoromethane
 Concen: 46.822 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN063721.D
 Acq: 29 Sep 2020 12:18

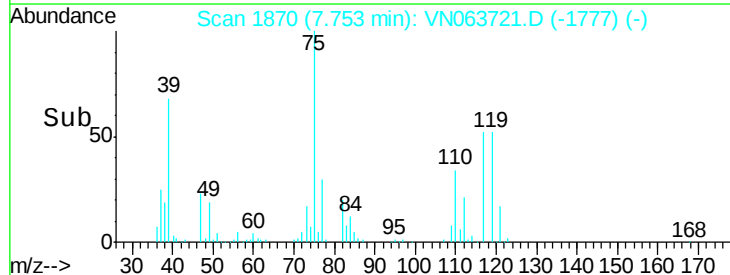
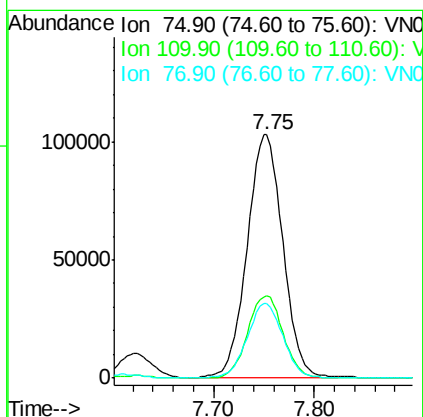
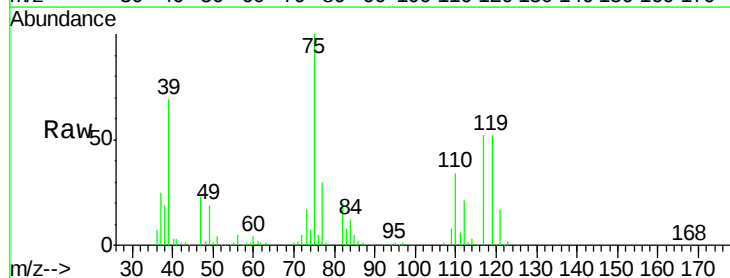
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

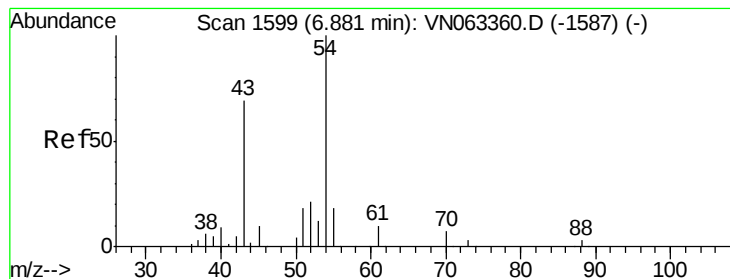
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.9	124.3
192	18.8	13.9	20.9



#36
 1,1-Dichloropropene
 Concen: 51.395 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN063721.D
 Acq: 29 Sep 2020 12:18

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.9	16.5	49.5
77	31.0	24.6	36.8





#37

Ethyl Acetate

Concen: 51.162 ug/l

RT: 6.88 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VN063721.D

Acq: 29 Sep 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

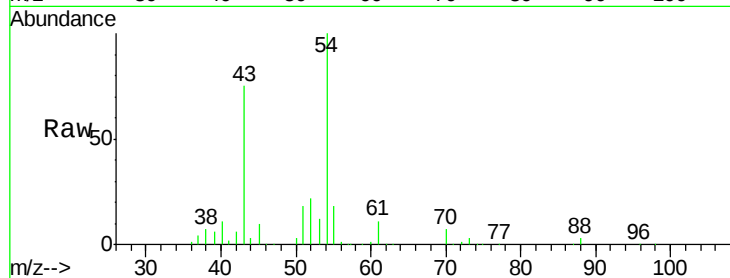
Tgt Ion: 43 Resp: 245146

Ion Ratio Lower Upper

43 100

61 12.7 10.6 15.8

70 9.1 7.2 10.8

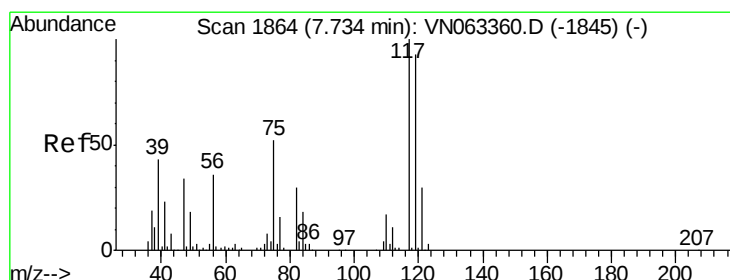
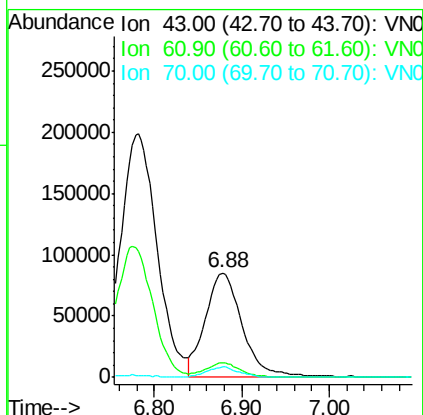
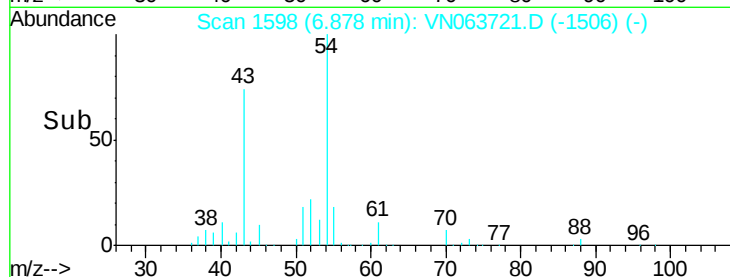


Abundance Ion 43.00 (42.70 to 43.70): VN063360.D (-1587) (-)

Ion 60.90 (60.60 to 61.60): VN063360.D (-1587) (-)

Ion 70.00 (69.70 to 70.70): VN063360.D (-1587) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 55.936 ug/l

RT: 7.73 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VN063721.D

Acq: 29 Sep 2020 12:18

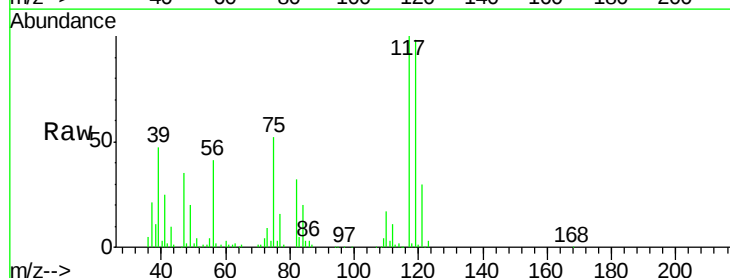
Tgt Ion: 117 Resp: 278766

Ion Ratio Lower Upper

117 100

119 98.7 74.5 111.7

121 30.2 24.1 36.1

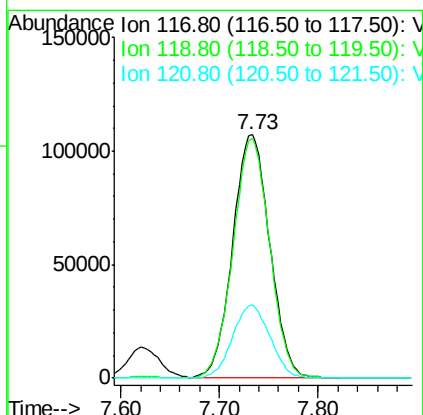
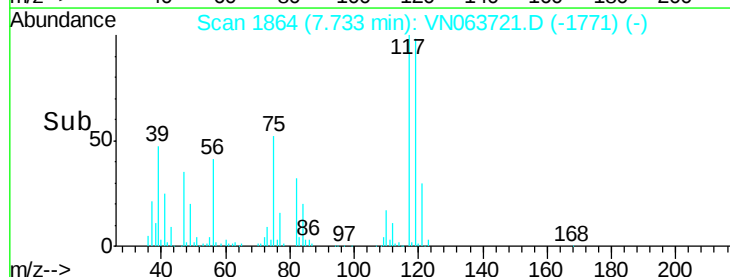


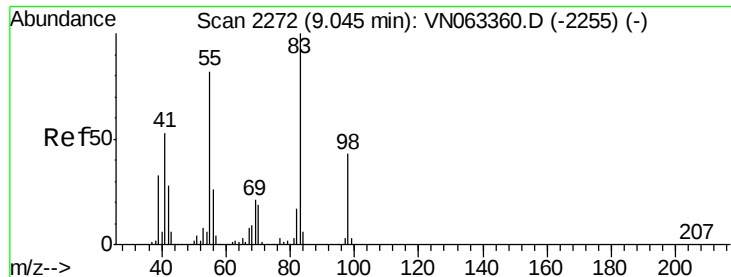
Abundance Ion 116.80 (116.50 to 117.50): VN063360.D (-1845) (-)

Ion 118.80 (118.50 to 119.50): VN063360.D (-1845) (-)

Ion 120.80 (120.50 to 121.50): VN063360.D (-1845) (-)

Time-->

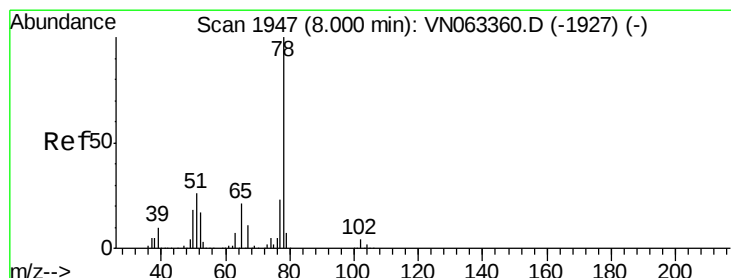
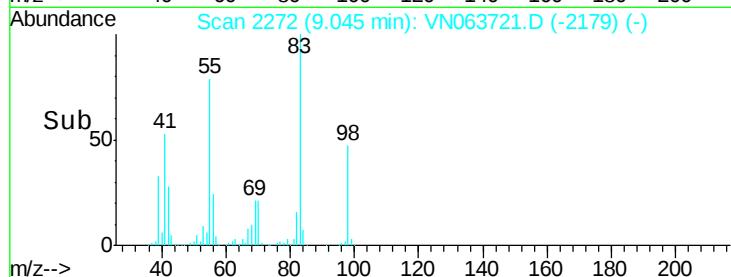
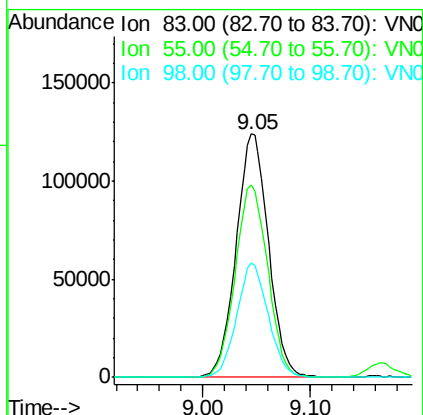
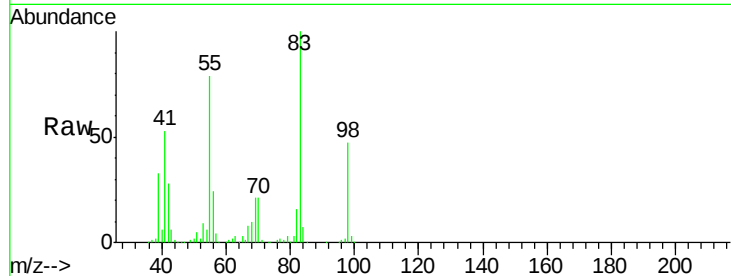




#39
Methylcyclohexane
Concen: 48.810 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN063721.D
Acq: 29 Sep 2020 12:18

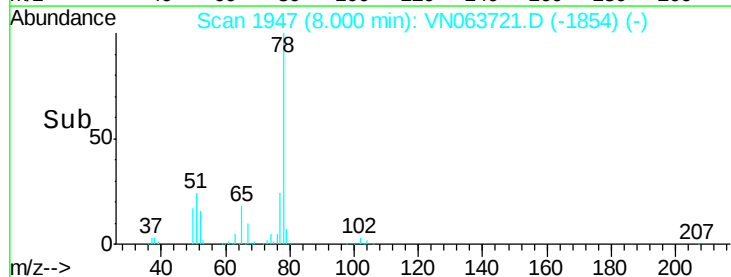
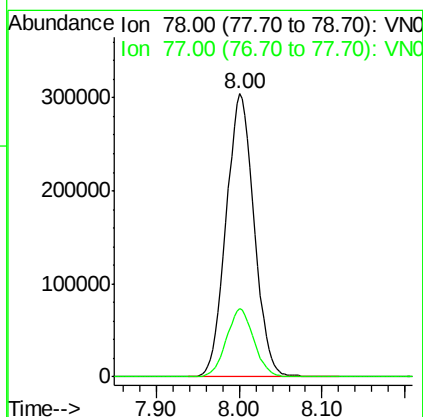
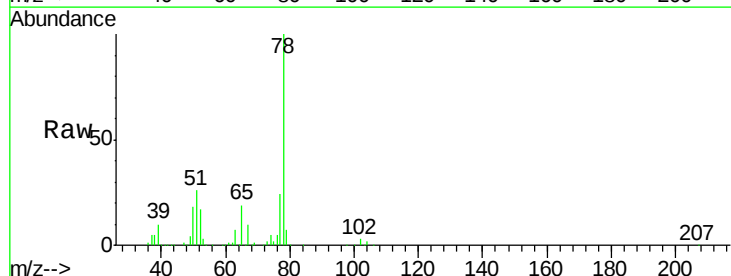
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

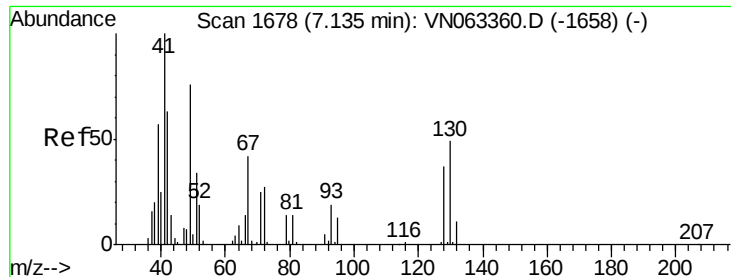
Tgt Ion: 83 Resp: 258626
Ion Ratio Lower Upper
83 100
55 79.1 65.5 98.3
98 47.0 34.2 51.4



#40
Benzene
Concen: 51.332 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN063721.D
Acq: 29 Sep 2020 12:18

Tgt Ion: 78 Resp: 715400
Ion Ratio Lower Upper
78 100
77 24.2 18.3 27.5

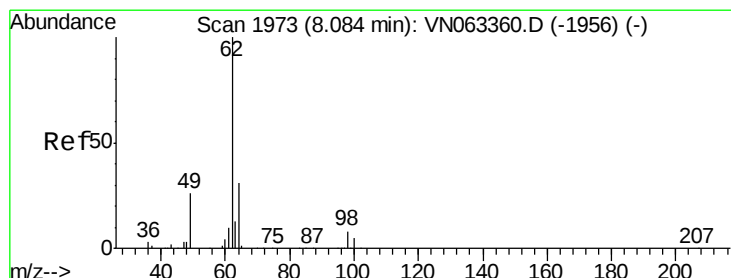
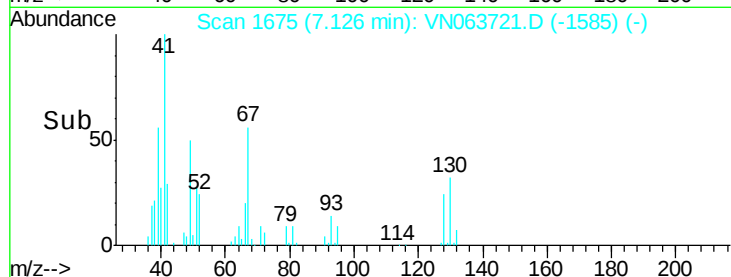
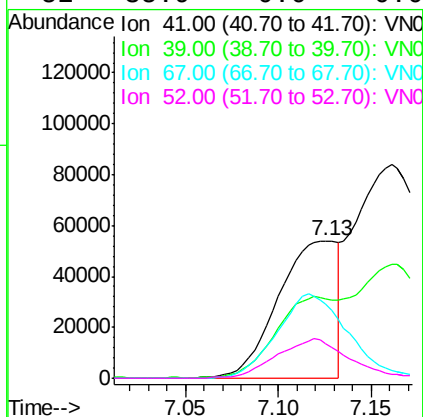
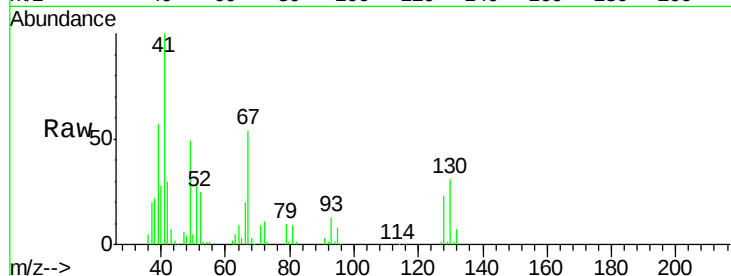




#41
Methacrylonitrile
Concen: 55.918 ug/l
RT: 7.13 min Scan# 1675
Delta R.T. -0.01 min
Lab File: VN063721.D
Acq: 29 Sep 2020 12:18

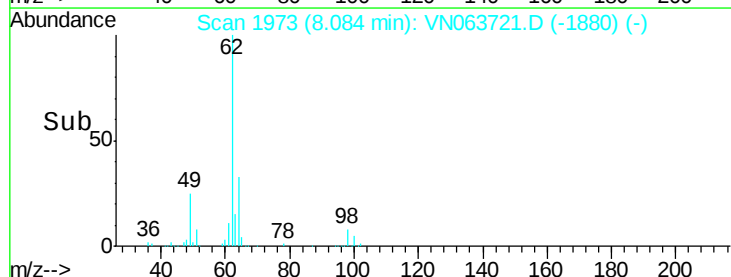
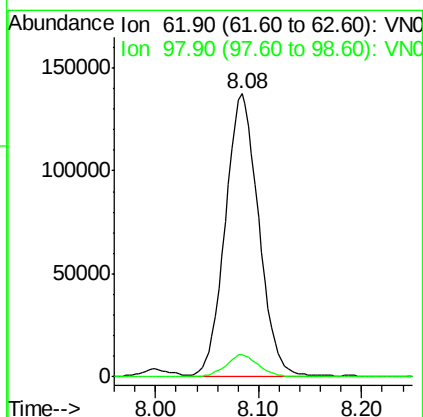
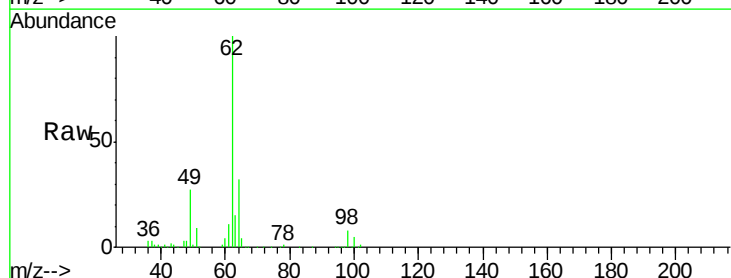
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

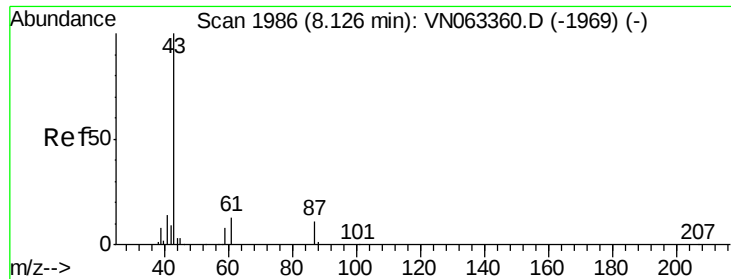
Tgt Ion:	41	Resp:	120507
Ion	Ratio	Lower	Upper
41	100		
39	55.4	0.0	0.0#
67	73.9	0.0	0.0#
52	35.9	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 55.112 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN063721.D
Acq: 29 Sep 2020 12:18

Tgt Ion:	62	Resp:	308884
Ion	Ratio	Lower	Upper
62	100		
98	7.6	0.0	15.6

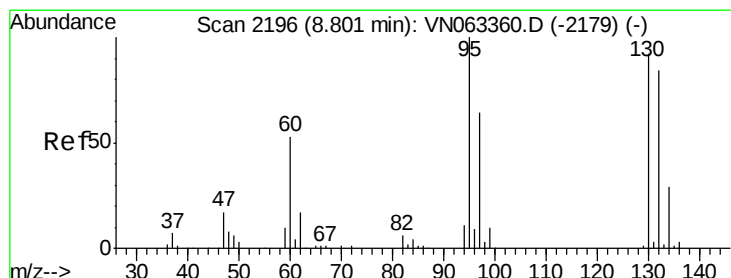
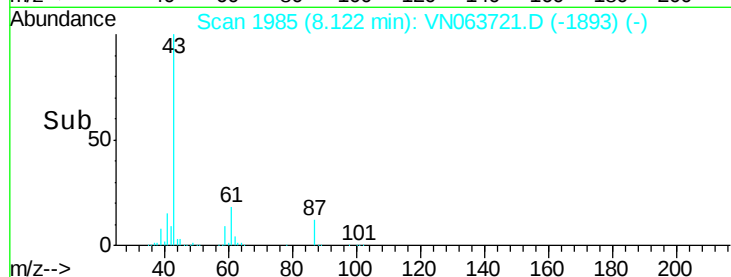
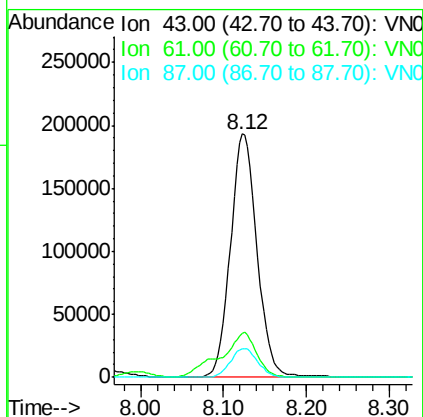
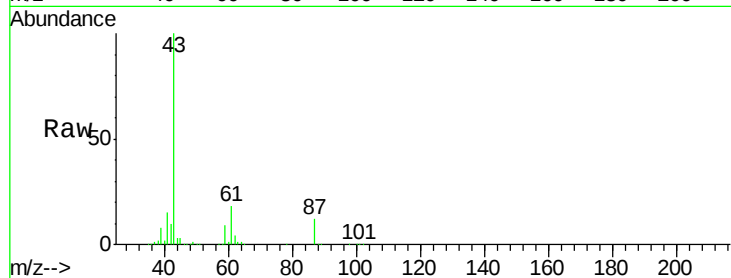




#43
Isopropyl Acetate
Concen: 50.277 ug/l
RT: 8.12 min Scan# 1985
Delta R.T. -0.00 min
Lab File: VN063721.D
Acq: 29 Sep 2020 12:18

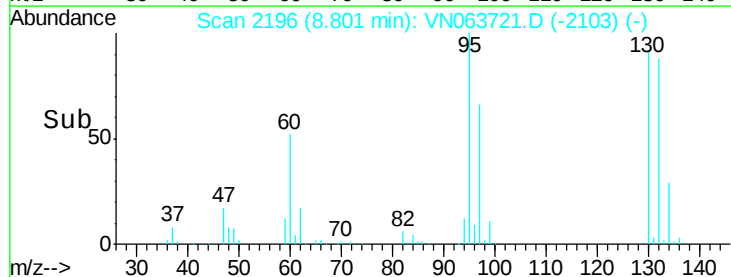
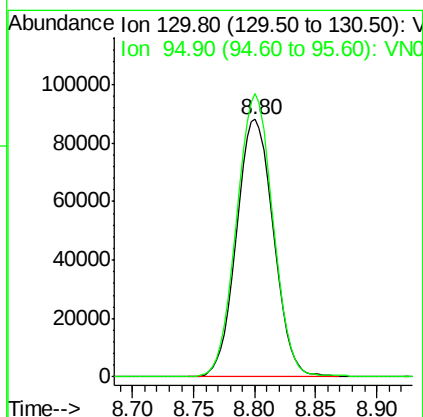
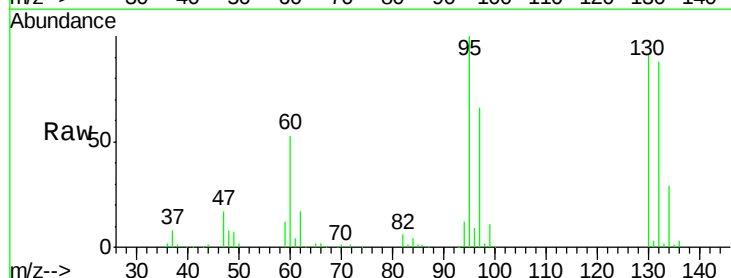
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

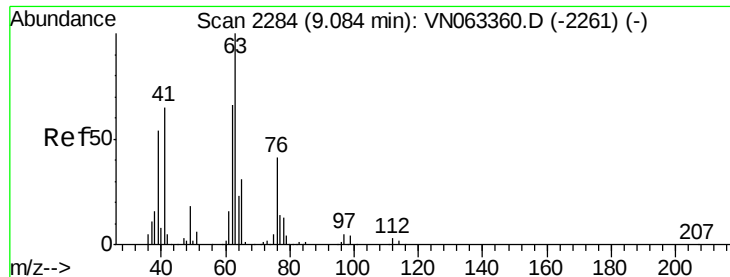
Tgt Ion: 43 Resp: 430763
Ion Ratio Lower Upper
43 100
61 24.9 14.2 21.2#
87 12.2 9.0 13.6



#44
Trichloroethene
Concen: 54.874 ug/l
RT: 8.80 min Scan# 2196
Delta R.T. -0.00 min
Lab File: VN063721.D
Acq: 29 Sep 2020 12:18

Tgt Ion: 130 Resp: 185489
Ion Ratio Lower Upper
130 100
95 109.9 0.0 217.4





#45

1,2-Dichloropropane

Concen: 51.473 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN063721.D

Acq: 29 Sep 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

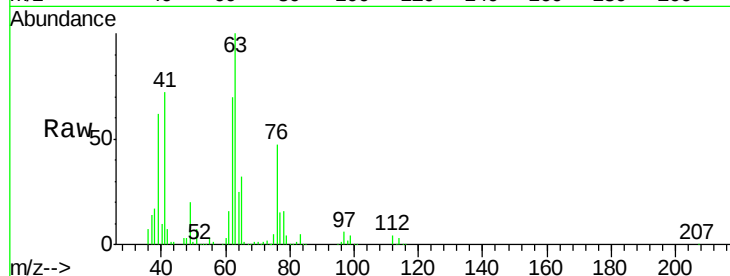
VSTDCCC050

Tgt Ion: 63 Resp: 195378

Ion Ratio Lower Upper

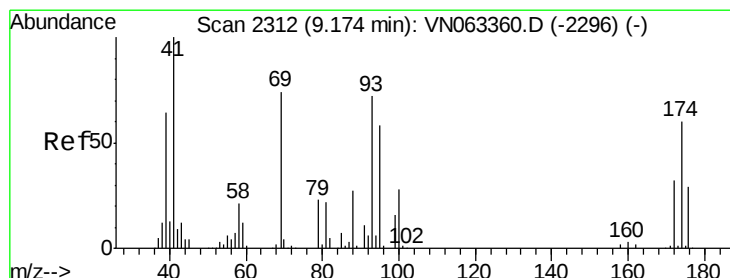
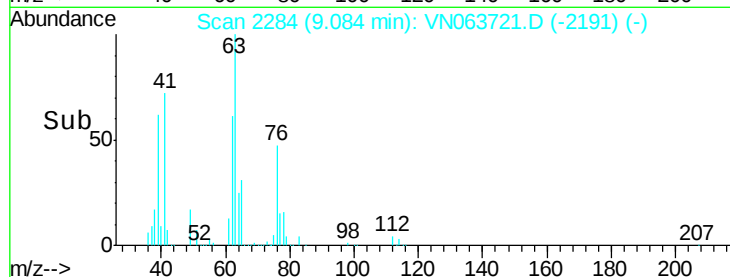
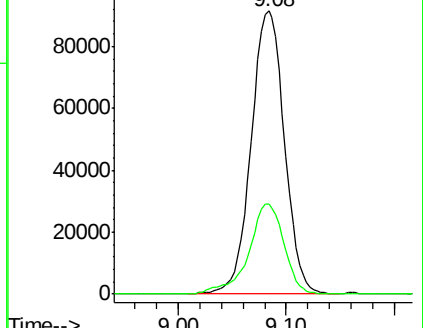
63 100

65 32.0 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VN063360.D (-2261) (-)

Ion 64.90 (64.60 to 65.60): VN063360.D (-2261) (-)



#46

Dibromomethane

Concen: 54.343 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN063721.D

Acq: 29 Sep 2020 12:18

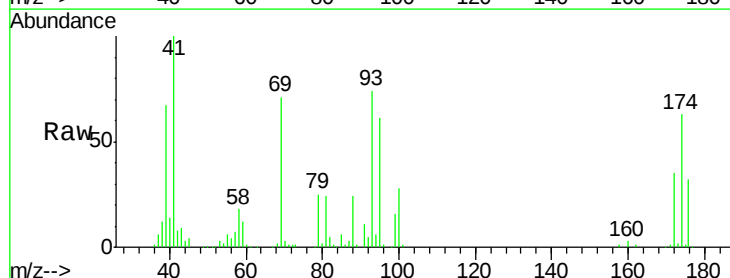
Tgt Ion: 93 Resp: 135575

Ion Ratio Lower Upper

93 100

95 82.9 65.6 98.4

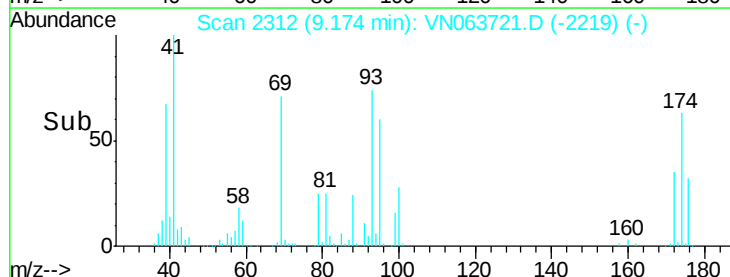
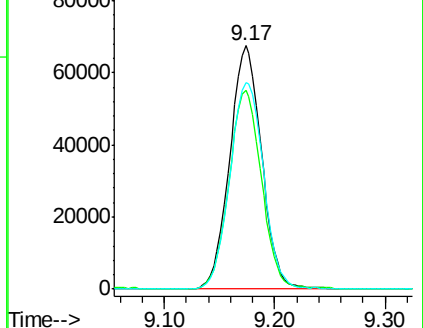
174 89.2 68.1 102.1

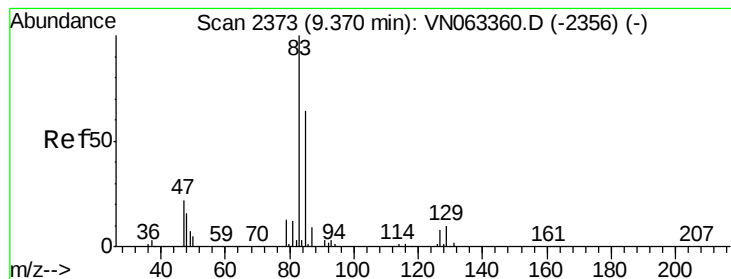


Abundance Ion 92.80 (92.50 to 93.50): VN063360.D (-2296) (-)

Ion 94.80 (94.50 to 95.50): VN063360.D (-2296) (-)

Ion 173.70 (173.40 to 174.40): VN063360.D (-2296) (-)





#47

Bromodichloromethane

Concen: 56.600 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN063721.D

Acq: 29 Sep 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

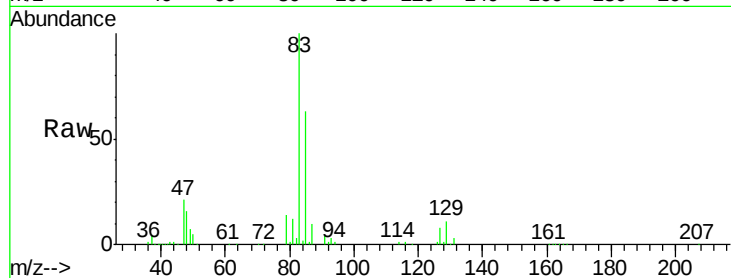
Tgt Ion: 83 Resp: 293348

Ion Ratio Lower Upper

83 100

85 63.4 51.0 76.6

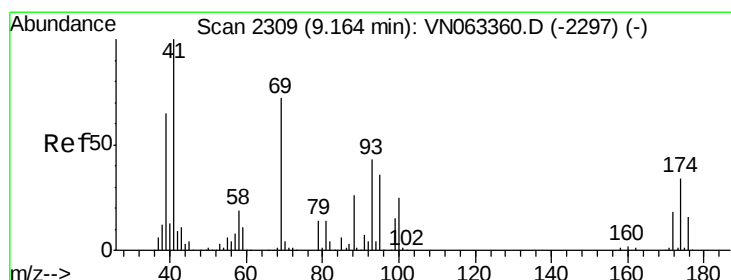
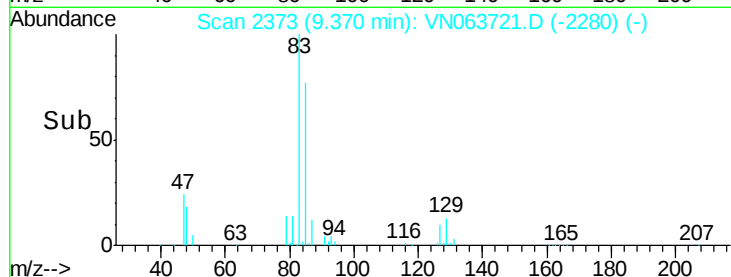
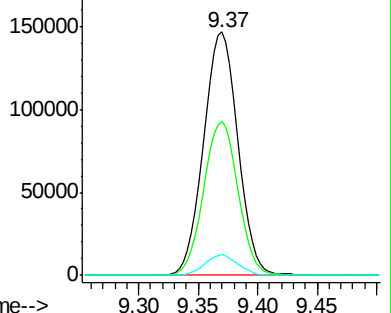
127 8.5 6.3 9.5



Abundance Ion 82.90 (82.60 to 83.60): VN063721.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN063721.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN063721.D (-2280) (-)



#48

Methyl methacrylate

Concen: 50.416 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN063721.D

Acq: 29 Sep 2020 12:18

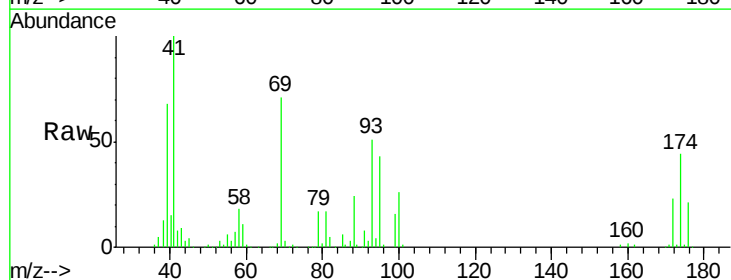
Tgt Ion: 41 Resp: 212224

Ion Ratio Lower Upper

41 100

69 75.2 59.3 88.9

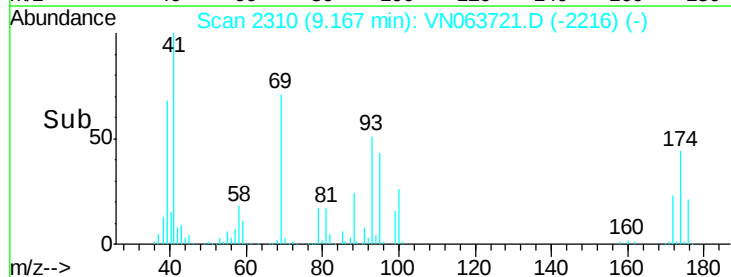
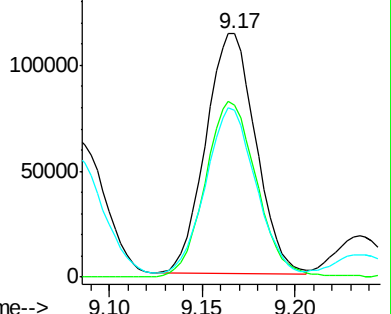
39 71.7 52.9 79.3

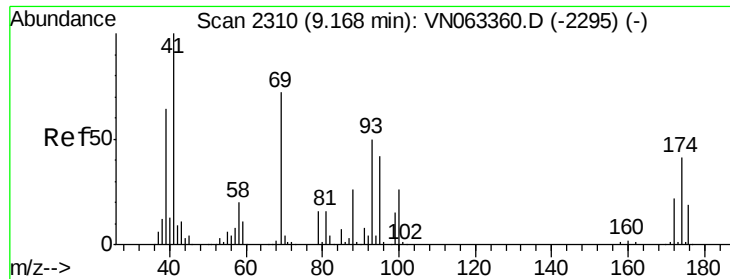


Abundance Ion 41.00 (40.70 to 41.70): VN063721.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN063721.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN063721.D (-2216) (-)





#49

1,4-Dioxane

Concen: 972.651 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN063721.D

Acq: 29 Sep 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

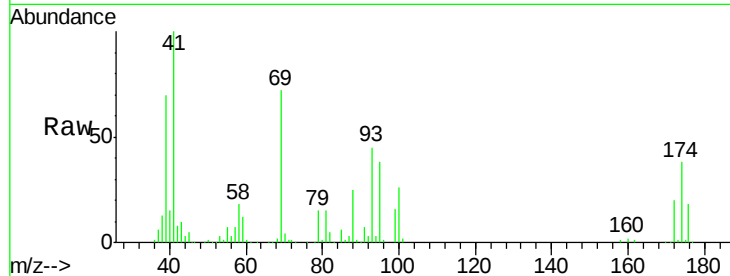
Tgt Ion: 88 Resp: 58756

Ion Ratio Lower Upper

88 100

43 39.0 32.6 49.0

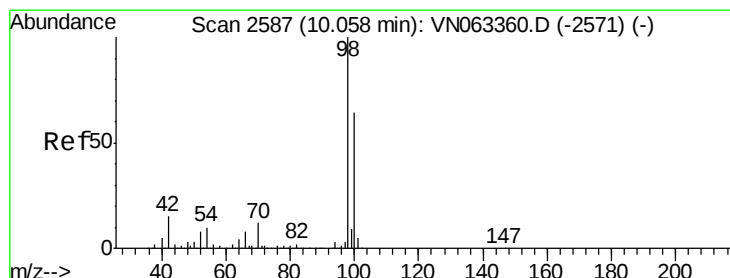
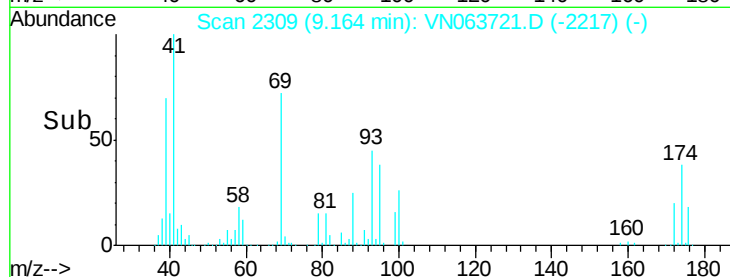
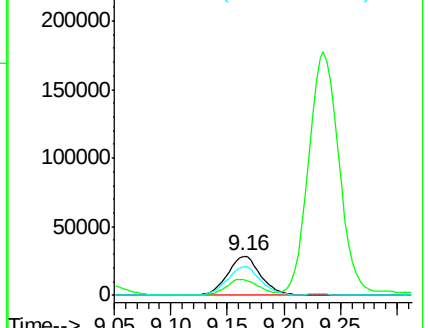
58 72.9 60.0 90.0



Abundance Ion 88.00 (87.70 to 88.70): VN063721.D (-2217) (-)

Ion 43.00 (42.70 to 43.70): VN063721.D (-2217) (-)

Ion 58.00 (57.70 to 58.70): VN063721.D (-2217) (-)



#50

Toluene-d8

Concen: 46.471 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN063721.D

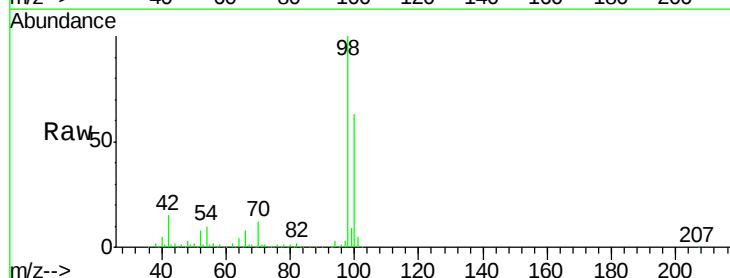
Acq: 29 Sep 2020 12:18

Tgt Ion: 98 Resp: 554350

Ion Ratio Lower Upper

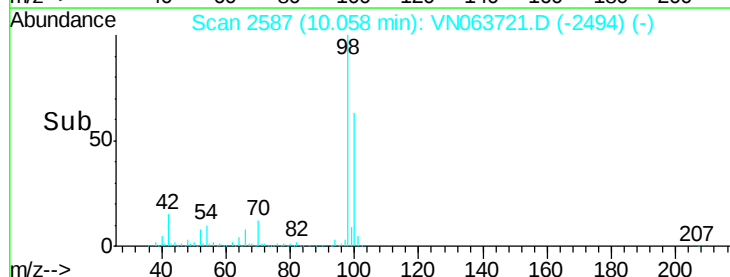
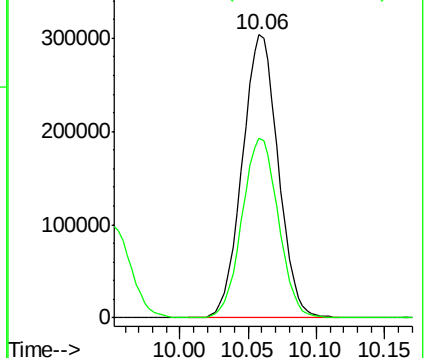
98 100

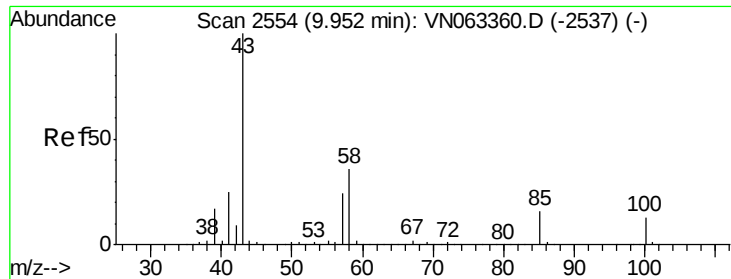
100 63.9 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN063721.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN063721.D (-2494) (-)

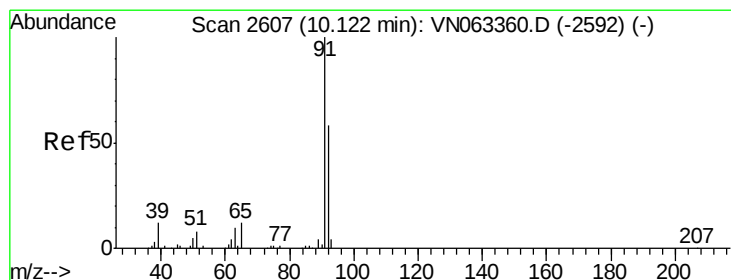
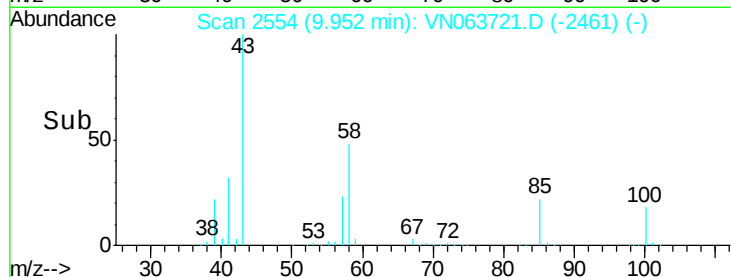
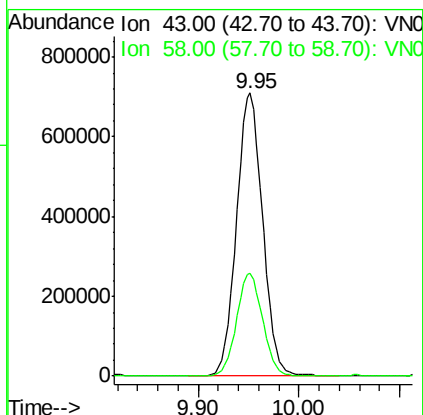
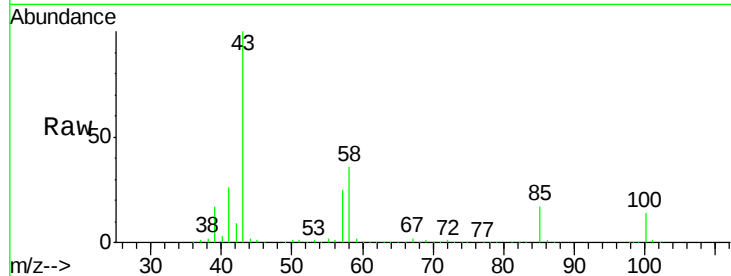




#51
 4-Methyl-2-Pentanone
 Concen: 264.932 ug/l
 RT: 9.95 min Scan# 2554
 Delta R.T. -0.00 min
 Lab File: VN063721.D
 Acq: 29 Sep 2020 12:18

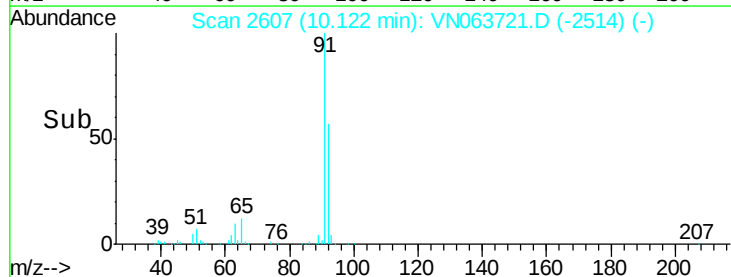
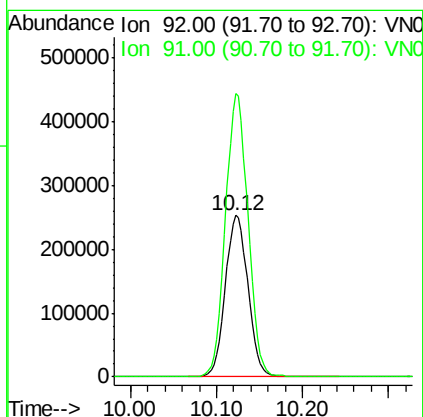
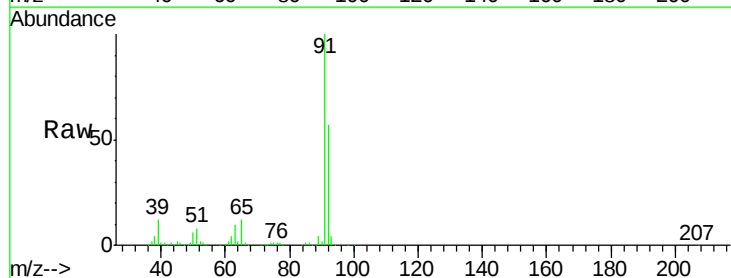
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

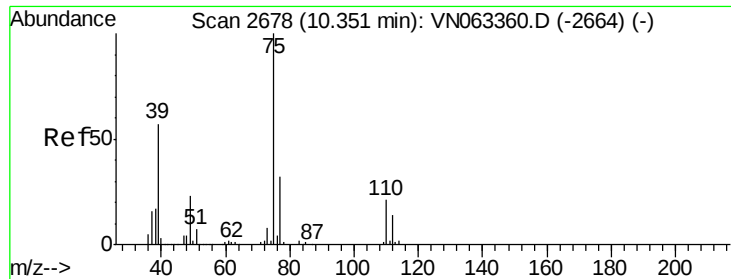
Tgt Ion: 43 Resp: 1270770
 Ion Ratio Lower Upper
 43 100
 58 36.3 29.0 43.6



#52
 Toluene
 Concen: 55.190 ug/l
 RT: 10.12 min Scan# 2607
 Delta R.T. -0.00 min
 Lab File: VN063721.D
 Acq: 29 Sep 2020 12:18

Tgt Ion: 92 Resp: 462452
 Ion Ratio Lower Upper
 92 100
 91 175.2 139.7 209.5





#53

t-1,3-Dichloropropene

Concen: 55.387 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN063721.D

Acq: 29 Sep 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

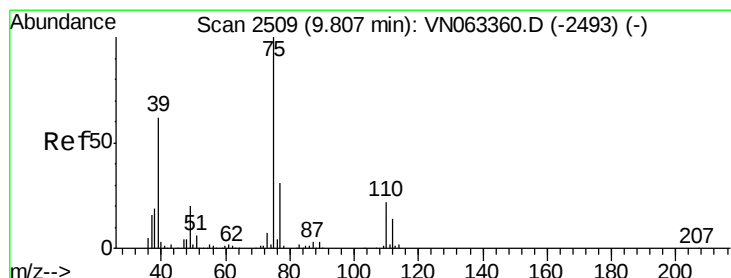
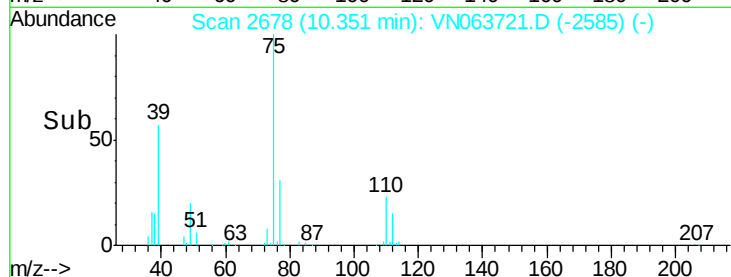
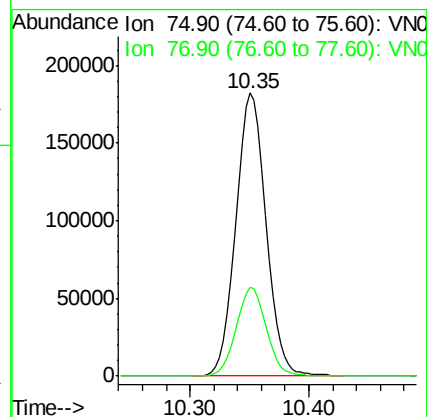
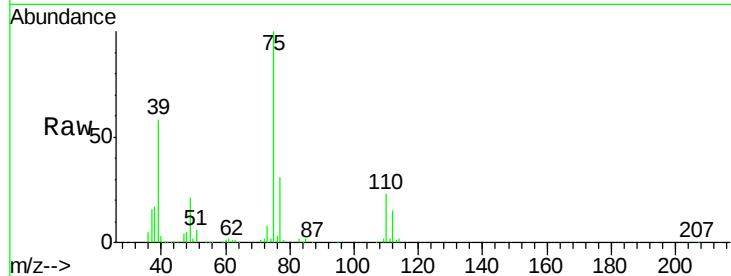
VSTDCCC050

Tgt Ion: 75 Resp: 320470

Ion Ratio Lower Upper

75 100

77 31.5 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 54.338 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN063721.D

Acq: 29 Sep 2020 12:18

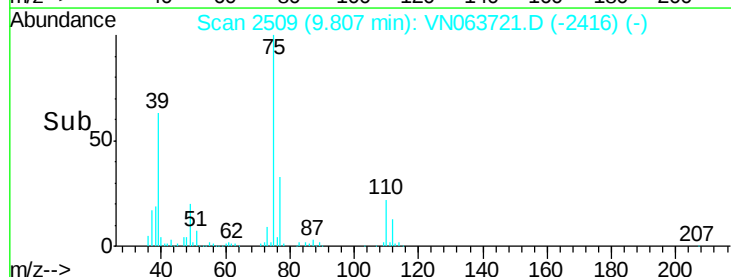
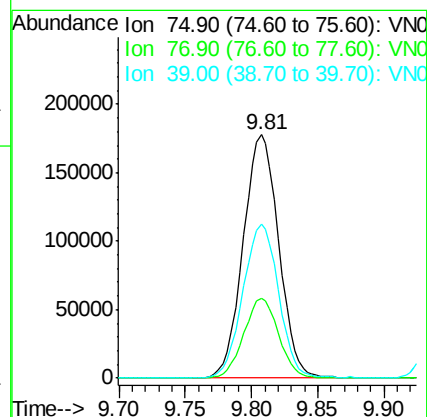
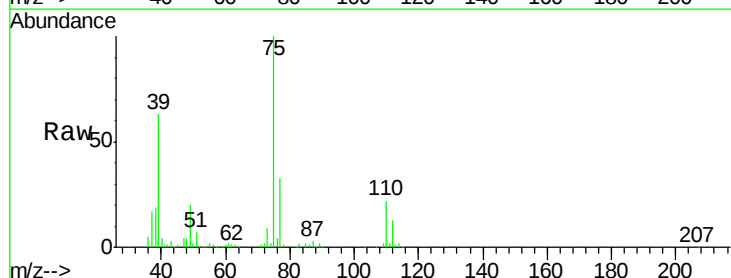
Tgt Ion: 75 Resp: 331630

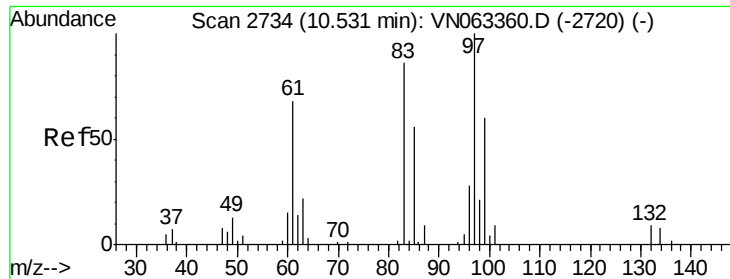
Ion Ratio Lower Upper

75 100

77 32.9 24.6 37.0

39 63.1 49.8 74.8





#55

1,1,2-Trichloroethane

Concen: 56.246 ug/l

RT: 10.53 min Scan# 2734

Delta R.T. -0.00 min

Lab File: VN063721.D

Acq: 29 Sep 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 187201

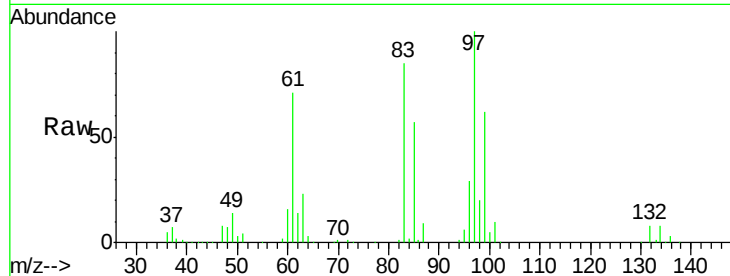
Ion Ratio Lower Upper

97 100

83 85.4 68.9 103.3

85 56.6 44.8 67.2

99 61.4 47.8 71.8

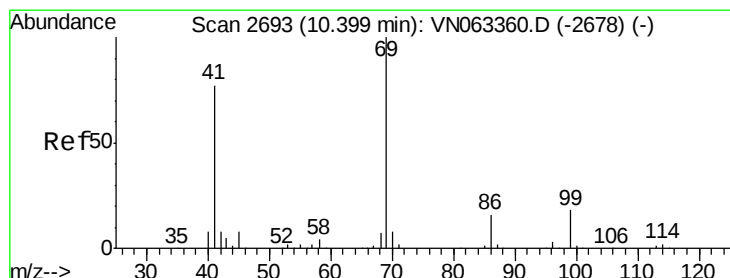
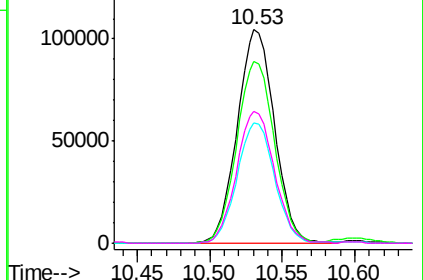
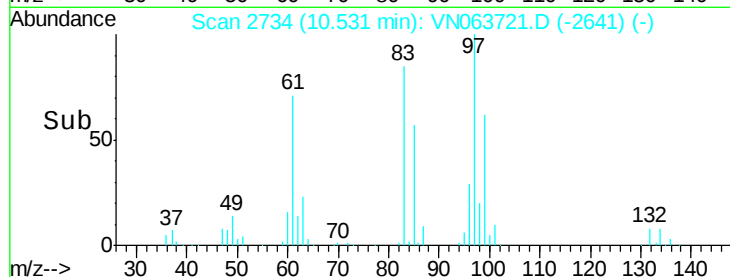


Abundance Ion 96.90 (96.60 to 97.60): VN0

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: 54.936 ug/l

RT: 10.40 min Scan# 2693

Delta R.T. -0.00 min

Lab File: VN063721.D

Acq: 29 Sep 2020 12:18

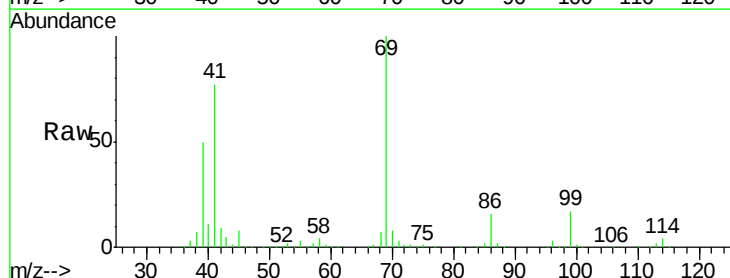
Tgt Ion: 69 Resp: 285437

Ion Ratio Lower Upper

69 100

41 75.7 61.0 91.6

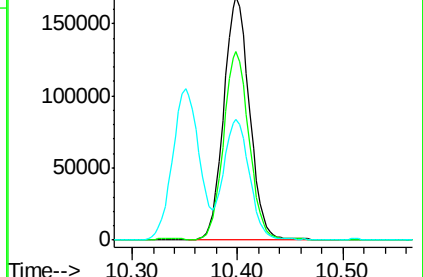
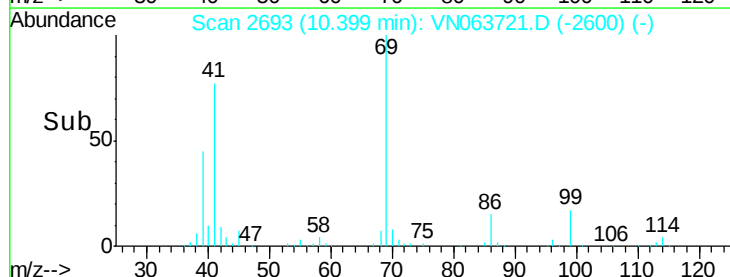
39 49.2 39.2 58.8



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: 52.862 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN063721.D

Acq: 29 Sep 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

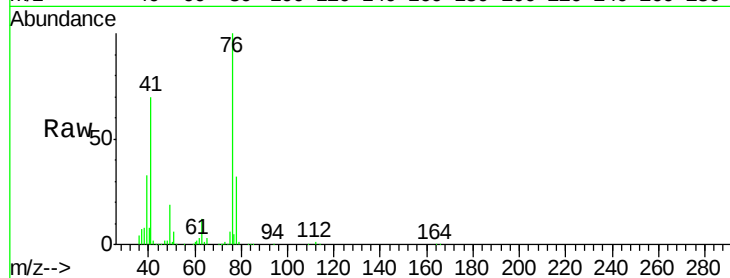
VSTDCCC050

Tgt Ion: 76 Resp: 317274

Ion Ratio Lower Upper

76 100

78 31.9 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VN063360.D (-2764) (-)

Ion 77.90 (77.60 to 78.60): VN063360.D (-2764) (-)

10.68

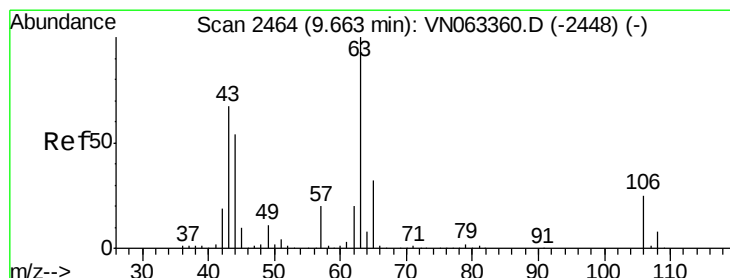
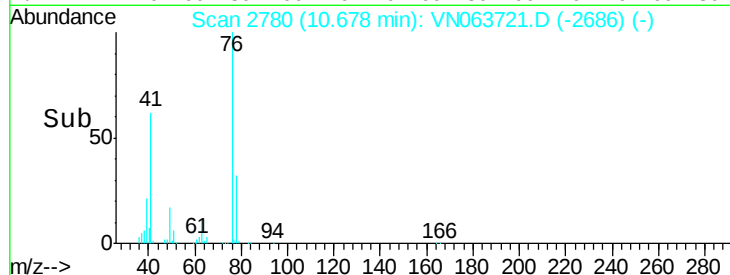
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 223.835 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. -0.00 min

Lab File: VN063721.D

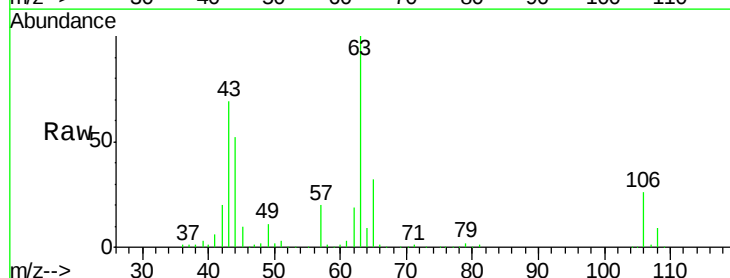
Acq: 29 Sep 2020 12:18

Tgt Ion: 63 Resp: 610087

Ion Ratio Lower Upper

63 100

106 26.8 19.5 29.3



Abundance Ion 62.90 (62.60 to 63.60): VN063360.D (-2448) (-)

Ion 105.90 (105.60 to 106.60): VN063360.D (-2448) (-)

9.66

400000

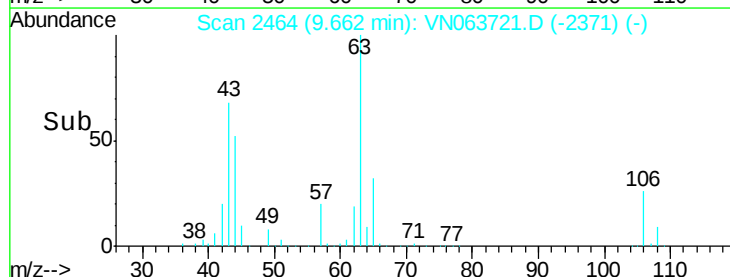
300000

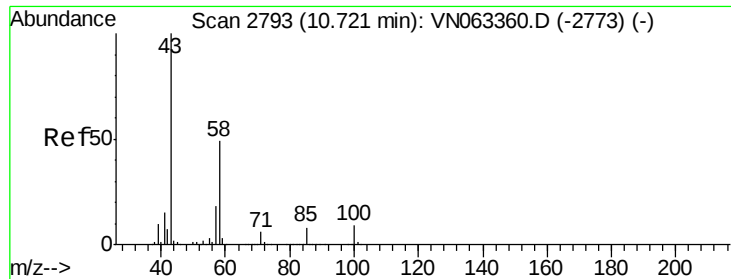
200000

100000

0

Time-->

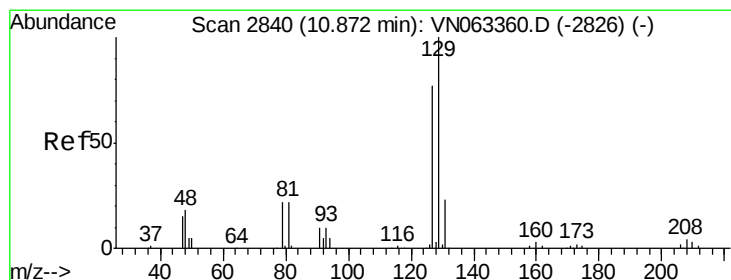
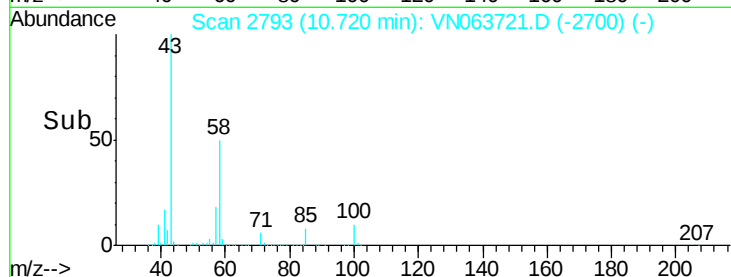
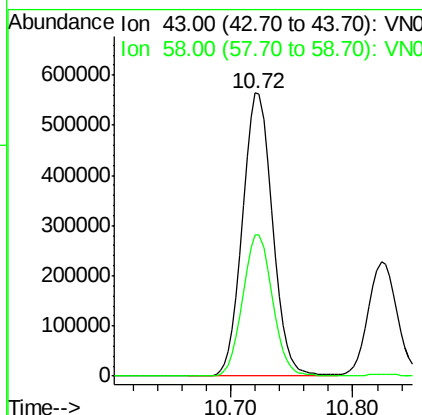
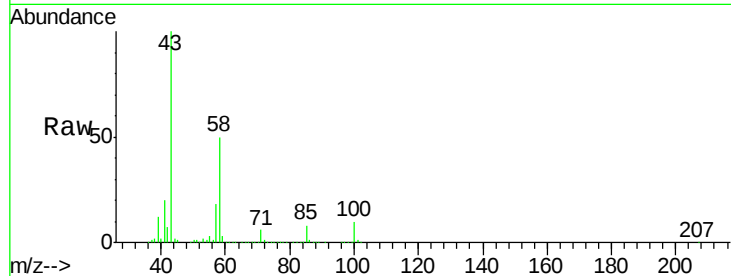




#59
2-Hexanone
Concen: 274.651 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN063721.D
Acq: 29 Sep 2020 12:18

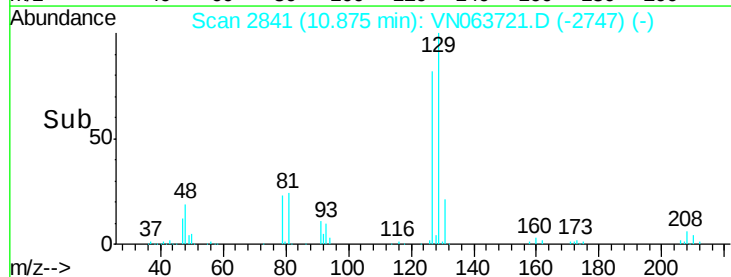
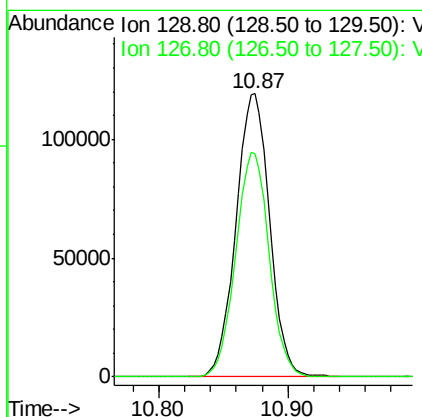
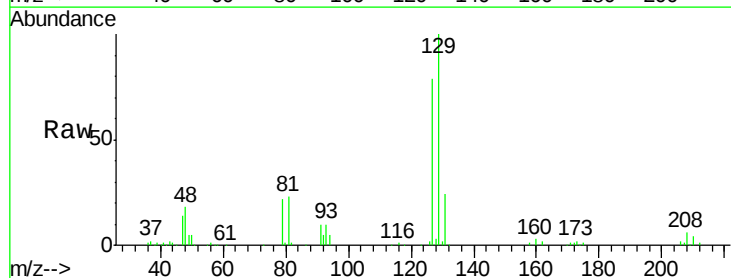
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

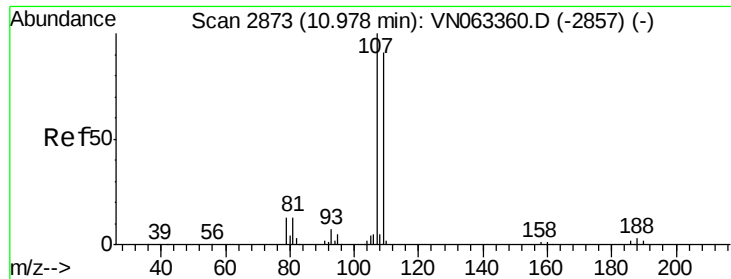
Tgt Ion: 43 Resp: 954411
Ion Ratio Lower Upper
43 100
58 49.6 24.7 74.1



#60
Dibromochloromethane
Concen: 57.446 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN063721.D
Acq: 29 Sep 2020 12:18

Tgt Ion: 129 Resp: 215998
Ion Ratio Lower Upper
129 100
127 78.9 39.1 117.3

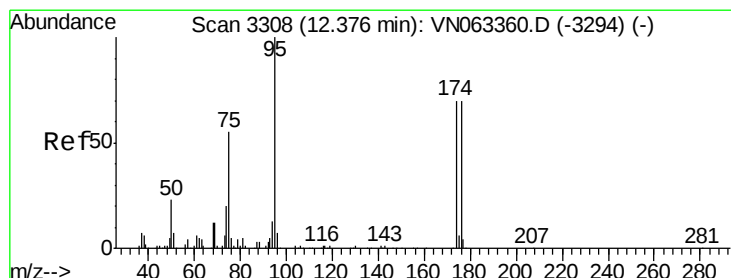
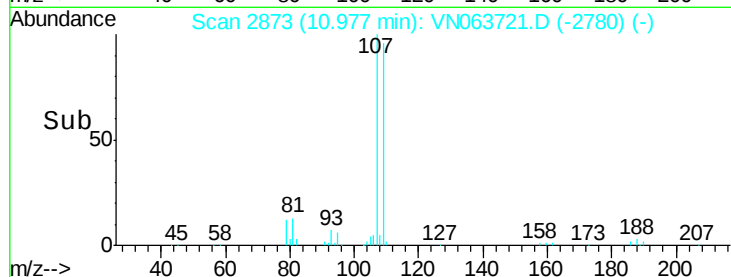
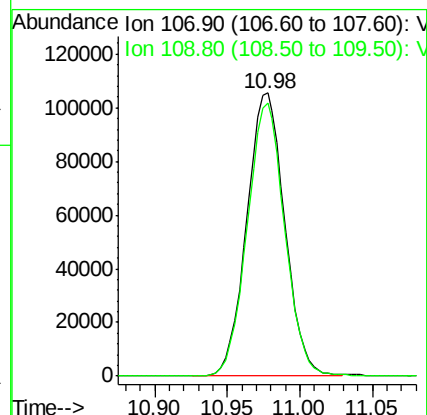
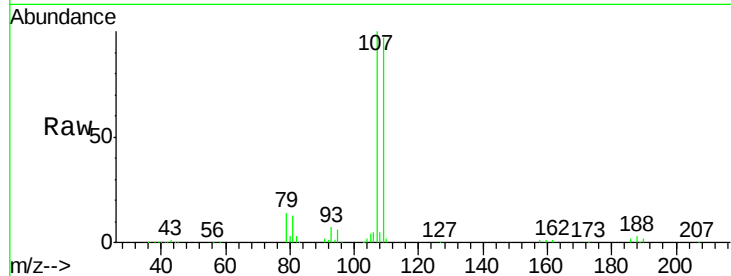




#61
 1,2-Dibromoethane
 Concen: 55.550 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. -0.00 min
 Lab File: VN063721.D
 Acq: 29 Sep 2020 12:18

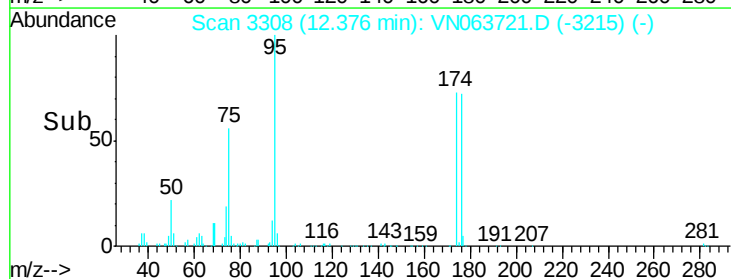
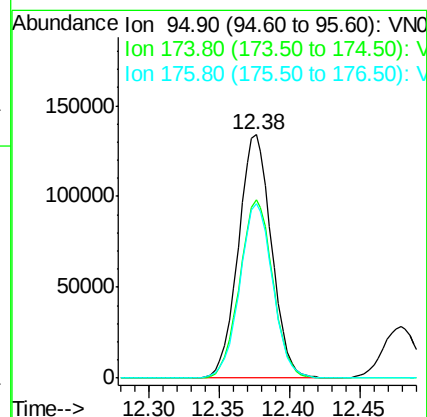
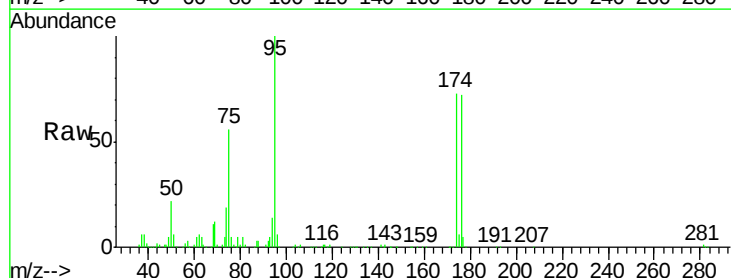
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

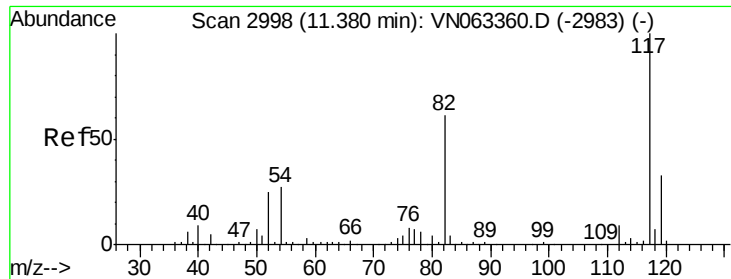
Tgt Ion: 107 Resp: 192080
 Ion Ratio Lower Upper
 107 100
 109 95.4 74.6 111.8



#62
 4-Bromofluorobenzene
 Concen: 50.554 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.00 min
 Lab File: VN063721.D
 Acq: 29 Sep 2020 12:18

Tgt Ion: 95 Resp: 221070
 Ion Ratio Lower Upper
 95 100
 174 73.4 0.0 140.8
 176 71.4 0.0 137.6

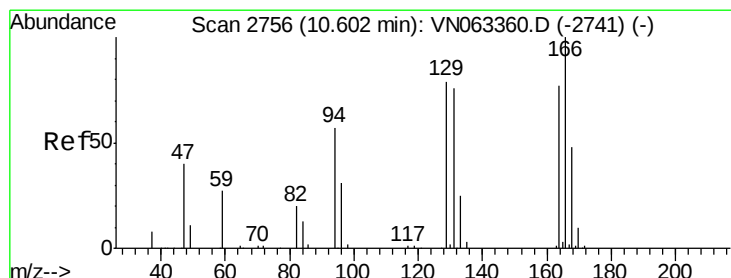
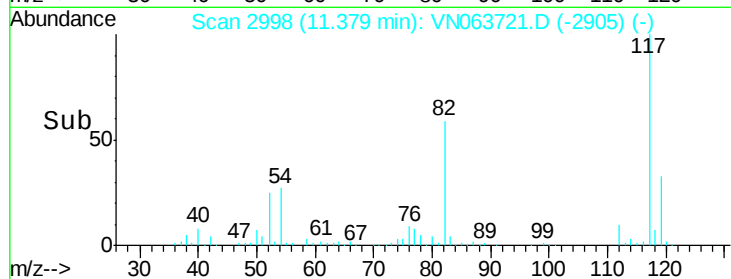
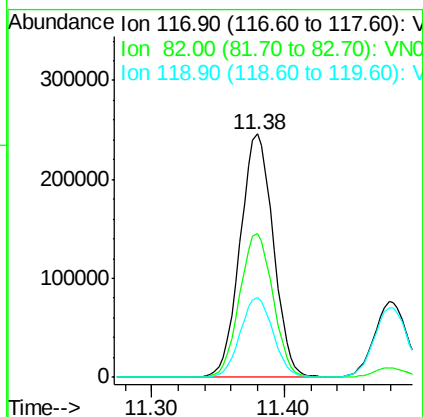
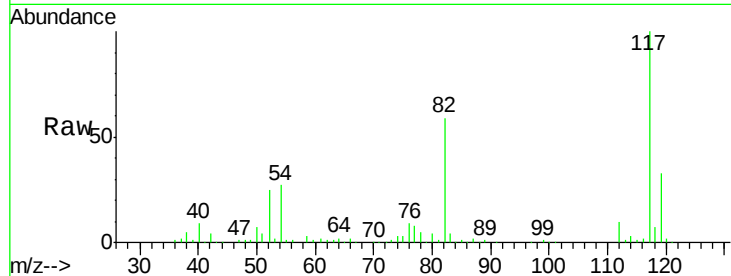




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063721.D
Acq: 29 Sep 2020 12:18

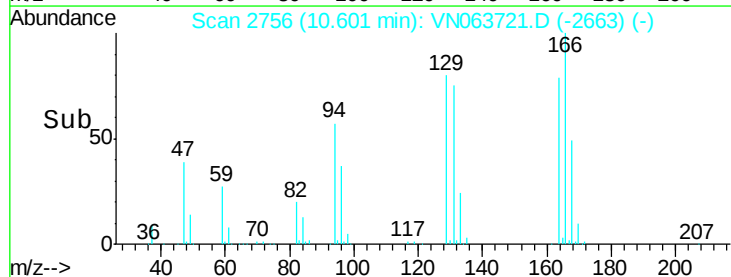
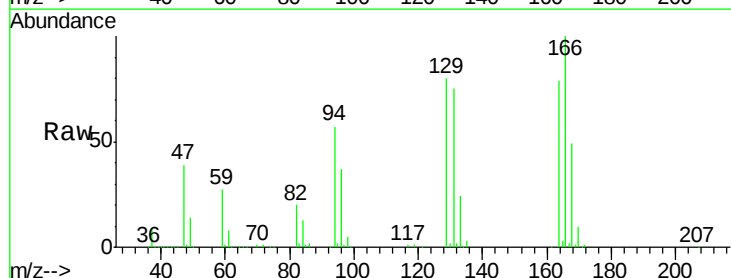
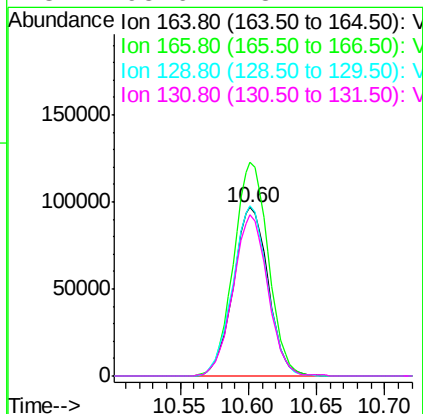
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

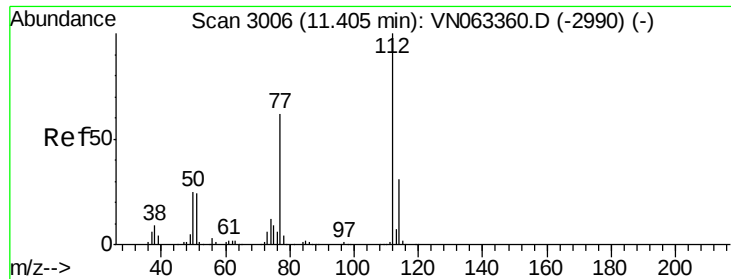
Tgt Ion:117 Resp: 428323
Ion Ratio Lower Upper
117 100
82 59.1 49.2 73.8
119 32.6 26.2 39.4



#64
Tetrachloroethene
Concen: 58.739 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN063721.D
Acq: 29 Sep 2020 12:18

Tgt Ion:164 Resp: 171316
Ion Ratio Lower Upper
164 100
166 126.9 103.4 155.0
129 101.2 81.8 122.6
131 95.6 78.2 117.4

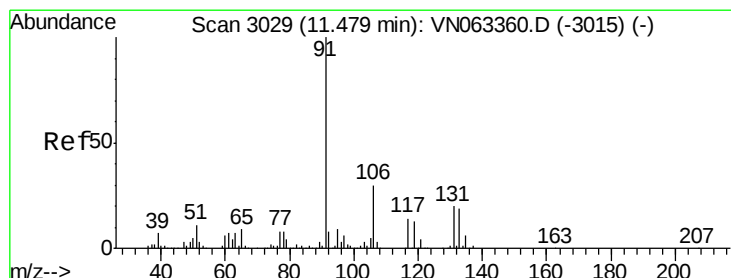
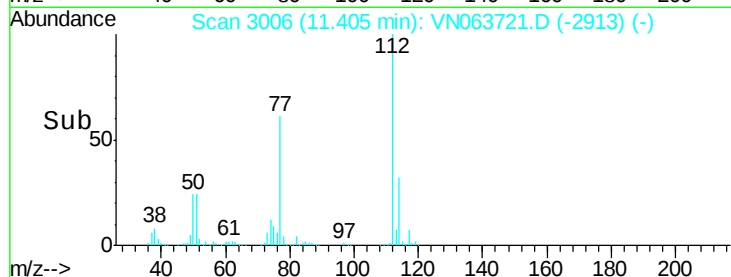
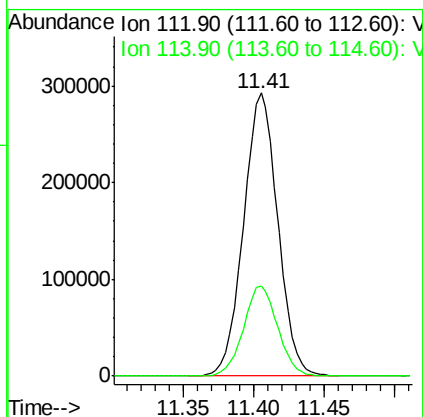
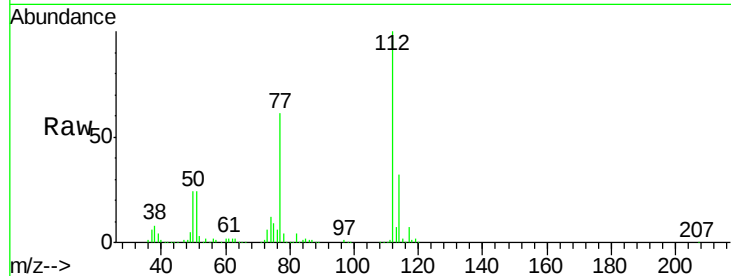




#65
Chlorobenzene
Concen: 54.735 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN063721.D
Acq: 29 Sep 2020 12:18

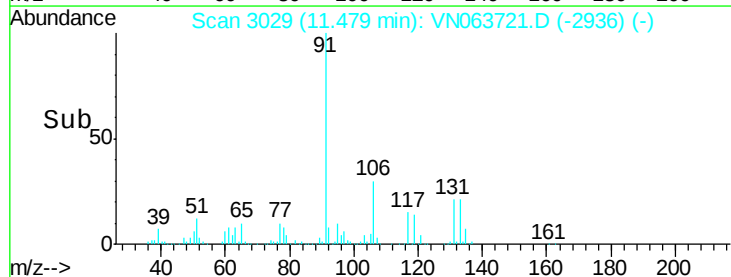
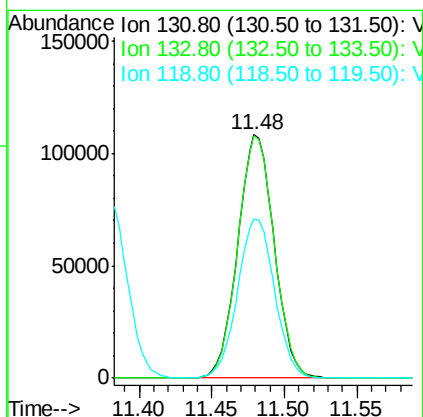
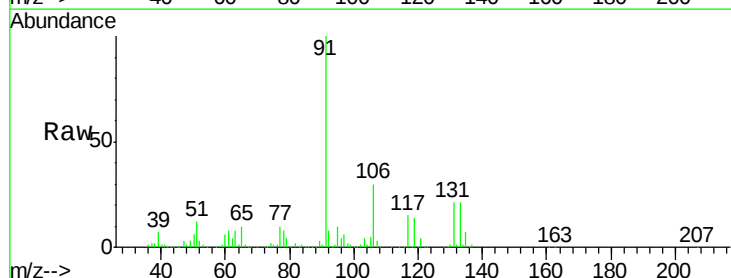
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

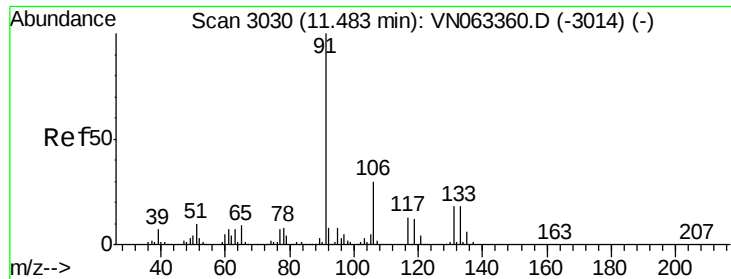
Tgt Ion:112 Resp: 497654
Ion Ratio Lower Upper
112 100
114 32.0 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 56.689 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN063721.D
Acq: 29 Sep 2020 12:18

Tgt Ion:131 Resp: 188935
Ion Ratio Lower Upper
131 100
133 99.5 47.3 141.9
119 65.7 33.6 100.8

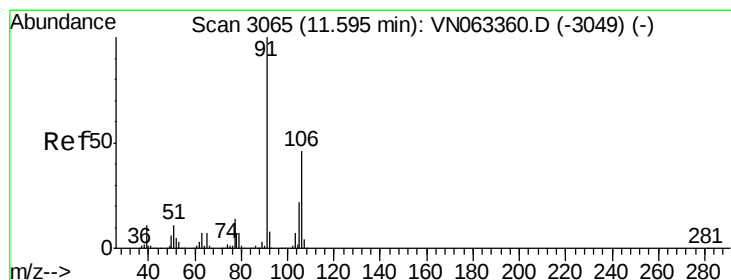
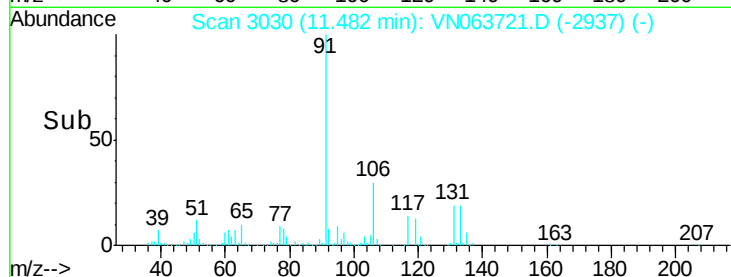
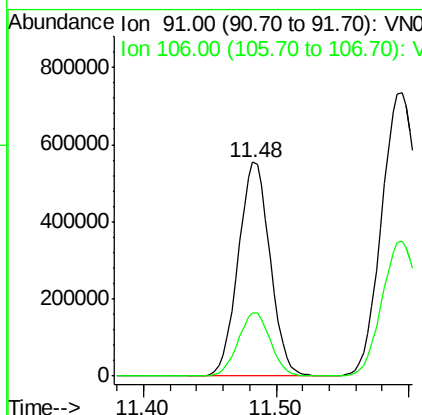
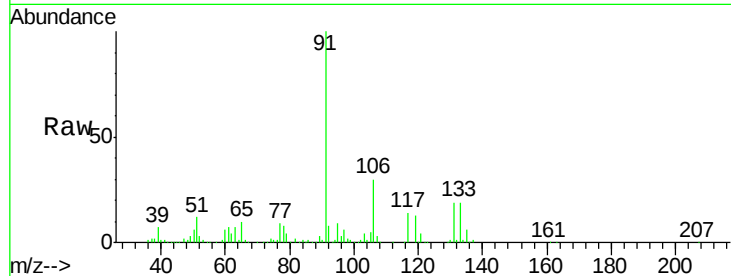




#67
Ethyl Benzene
Concen: 53.959 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN063721.D
Acq: 29 Sep 2020 12:18

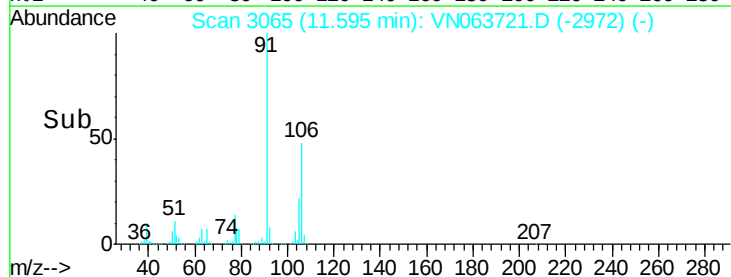
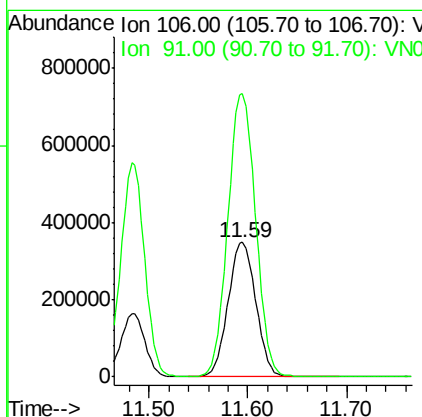
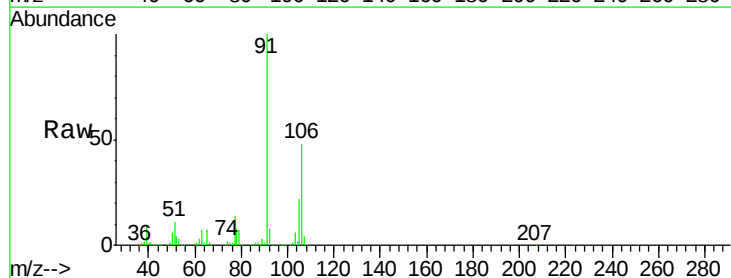
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

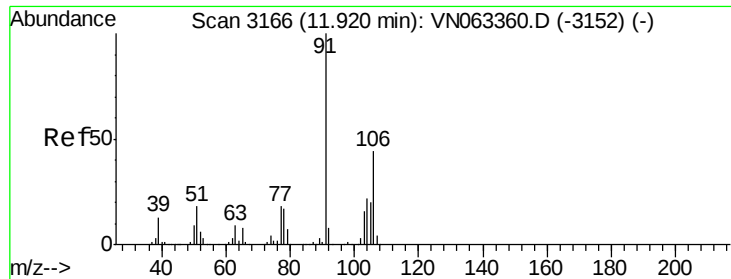
Tgt Ion: 91 Resp: 923899
Ion Ratio Lower Upper
91 100
106 29.8 23.8 35.6



#68
m/p-Xylenes
Concen: 111.004 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN063721.D
Acq: 29 Sep 2020 12:18

Tgt Ion: 106 Resp: 685272
Ion Ratio Lower Upper
106 100
91 210.5 171.2 256.8

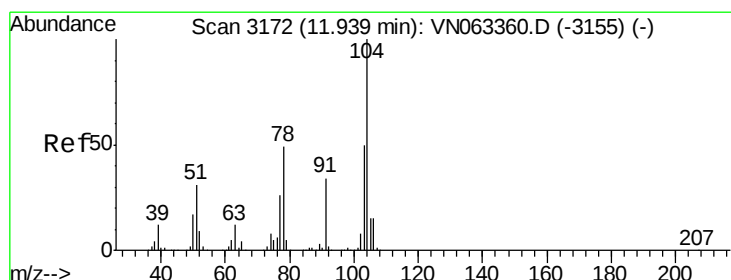
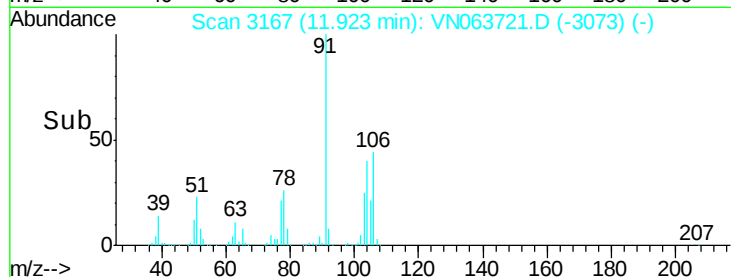
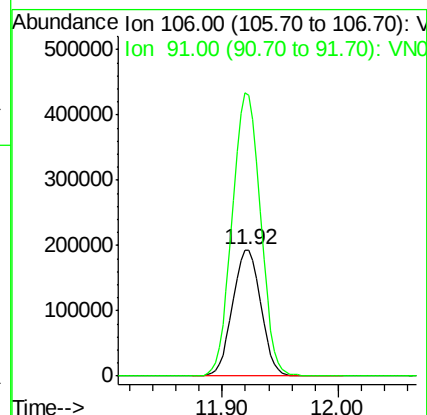
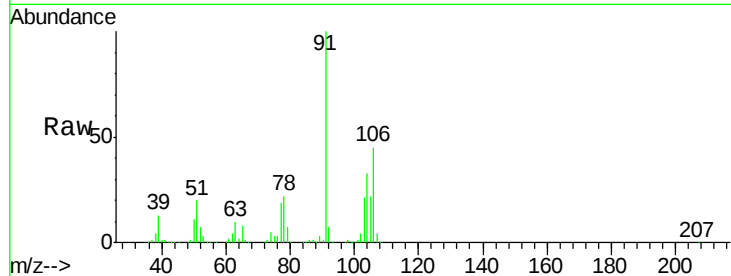




#69
o-Xylene
Concen: 55.441 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063721.D
Acq: 29 Sep 2020 12:18

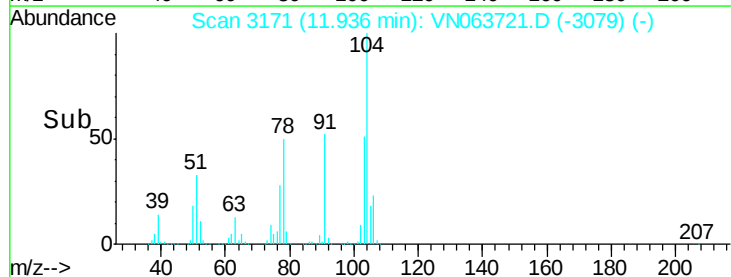
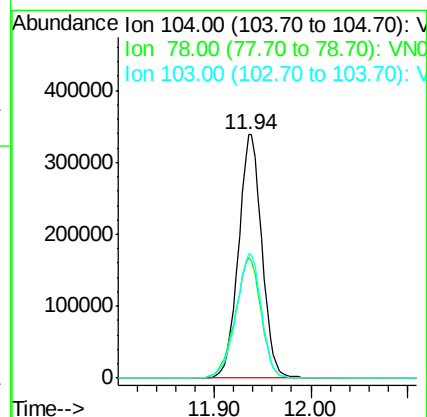
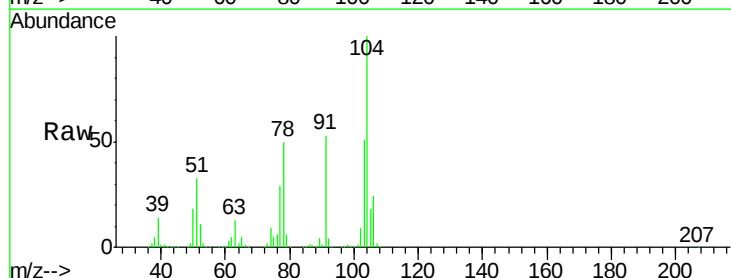
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

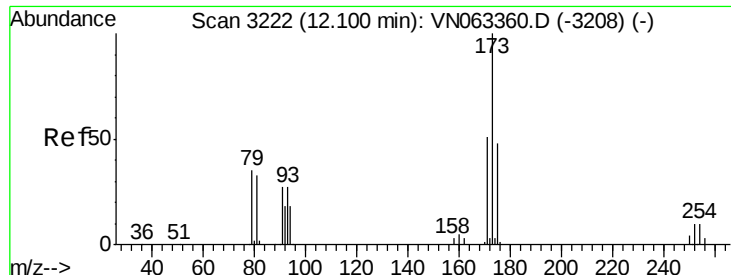
Tgt Ion:106 Resp: 326038
Ion Ratio Lower Upper
106 100
91 224.7 113.6 340.8



#70
Styrene
Concen: 57.533 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN063721.D
Acq: 29 Sep 2020 12:18

Tgt Ion:104 Resp: 567394
Ion Ratio Lower Upper
104 100
78 54.6 44.4 66.6
103 55.1 43.7 65.5

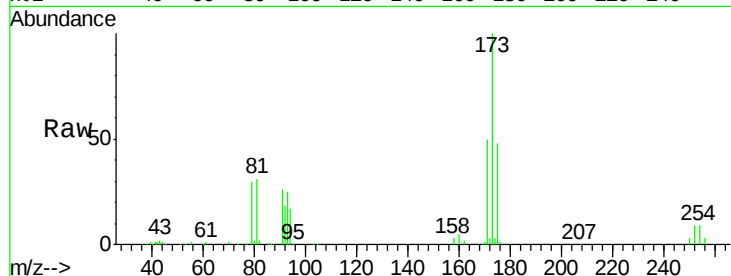




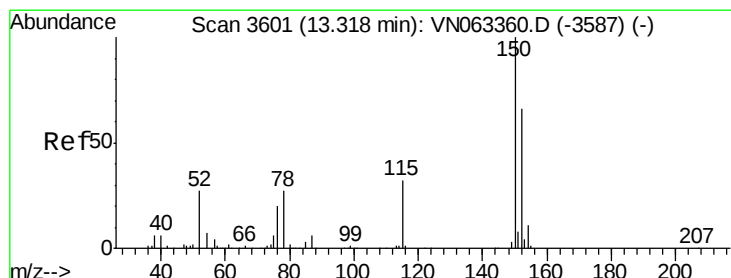
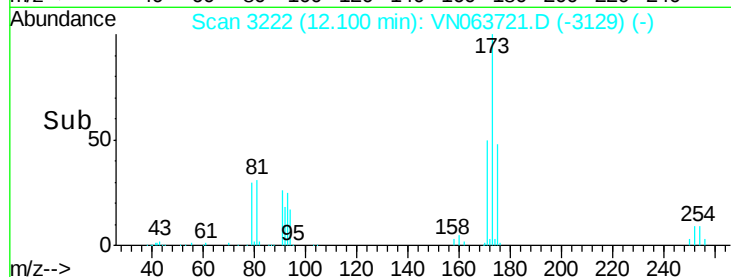
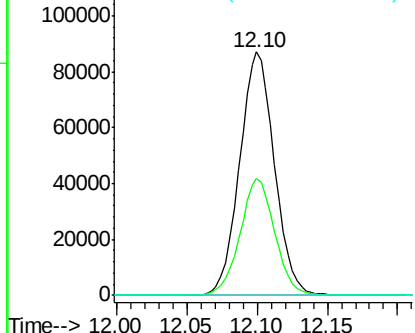
#71
Bromoform
Concen: 60.409 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. -0.00 min
Lab File: VN063721.D
Acq: 29 Sep 2020 12:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:173 Resp: 149988
Ion Ratio Lower Upper
173 100
175 47.9 24.0 72.0
254 0.0 0.0 0.0

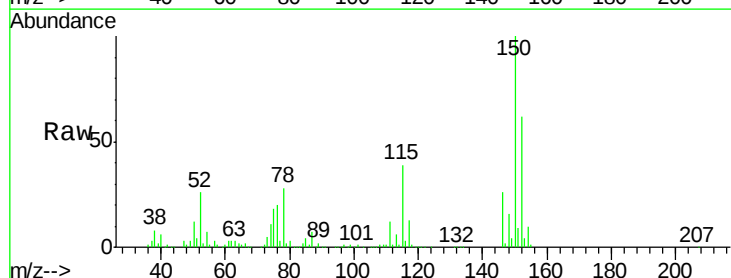


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

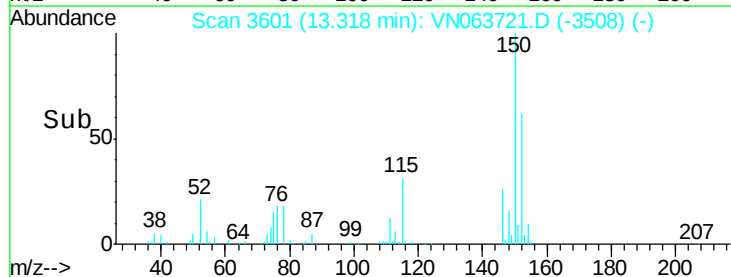
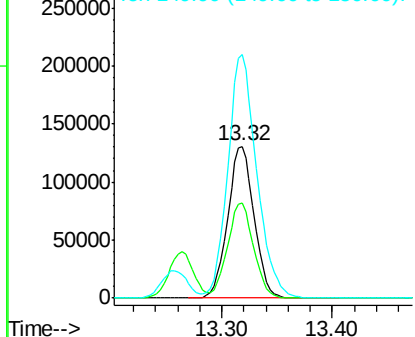


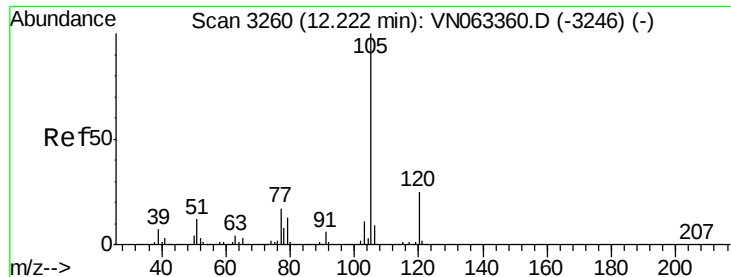
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. -0.00 min
Lab File: VN063721.D
Acq: 29 Sep 2020 12:18

Tgt Ion:152 Resp: 216012
Ion Ratio Lower Upper
152 100
115 62.2 32.2 96.6
150 176.0 0.0 343.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.219 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN063721.D

Acq: 29 Sep 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

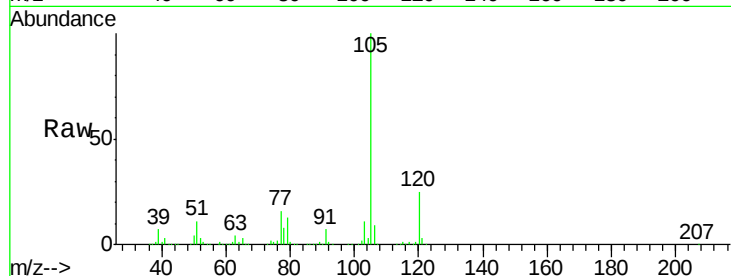
VSTDCCC050

Tgt Ion: 105 Resp: 903915

Ion Ratio Lower Upper

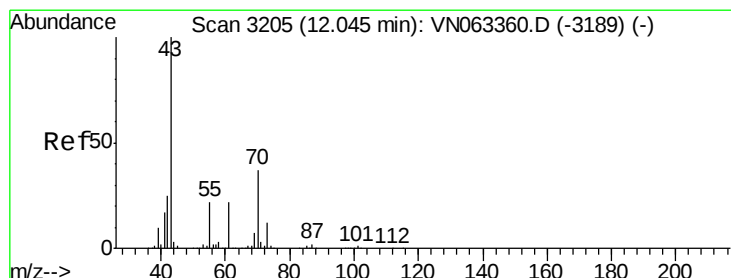
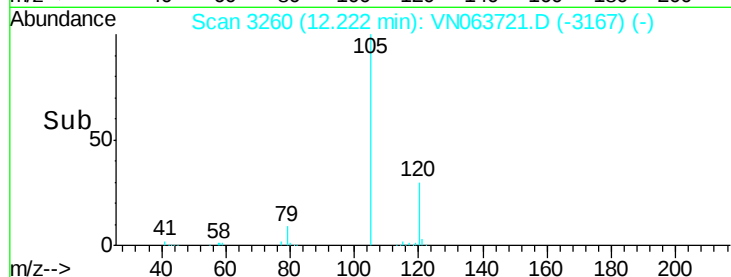
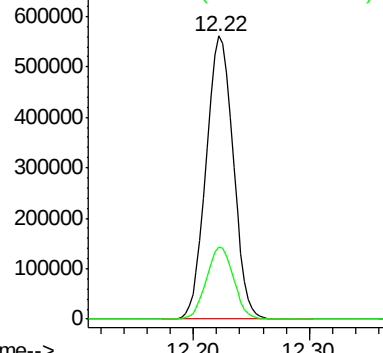
105 100

120 25.3 12.7 38.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.776 ug/l

RT: 12.04 min Scan# 3205

Delta R.T. -0.00 min

Lab File: VN063721.D

Acq: 29 Sep 2020 12:18

Tgt Ion: 43 Resp: 399673

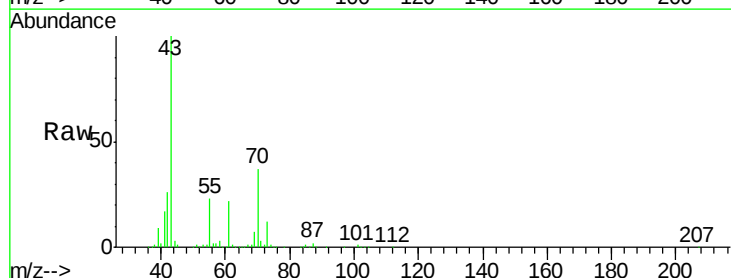
Ion Ratio Lower Upper

43 100

70 36.6 29.6 44.4

55 22.4 17.7 26.5

61 21.5 17.4 26.2

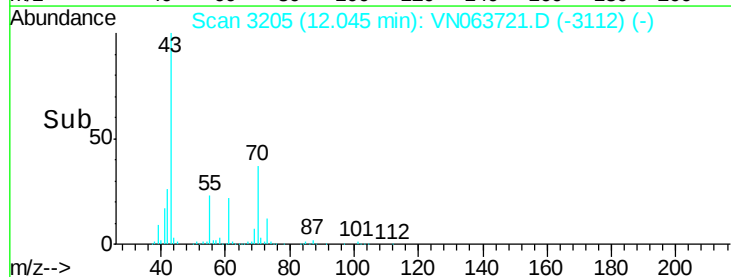
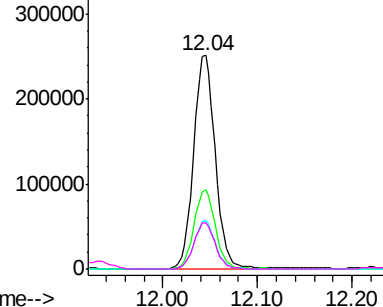


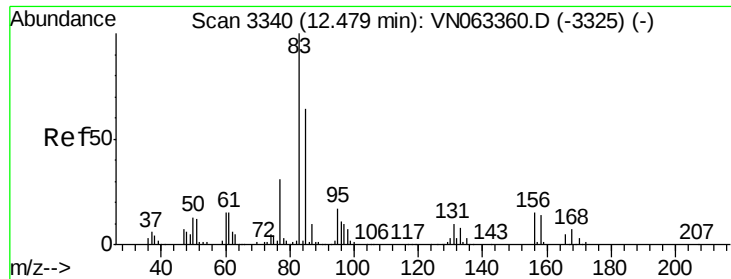
Abundance Ion 43.00 (42.70 to 43.70): V

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





#75

1,1,2,2-Tetrachloroethane

Concen: 49.385 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063721.D

Acq: 29 Sep 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

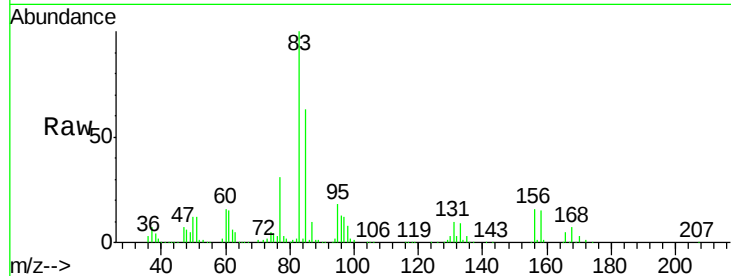
Tgt Ion: 83 Resp: 264691

Ion Ratio Lower Upper

83 100

131 10.2 4.9 14.7

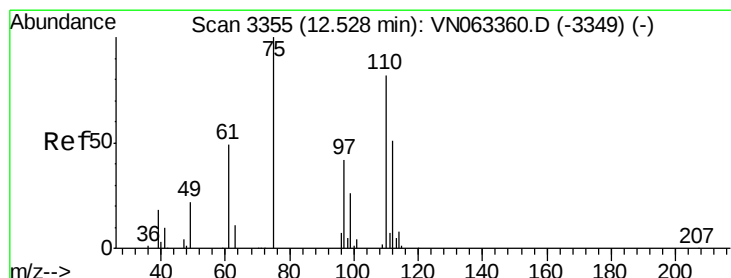
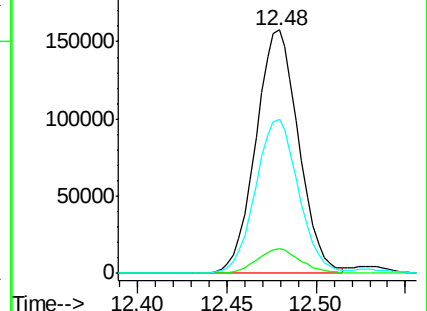
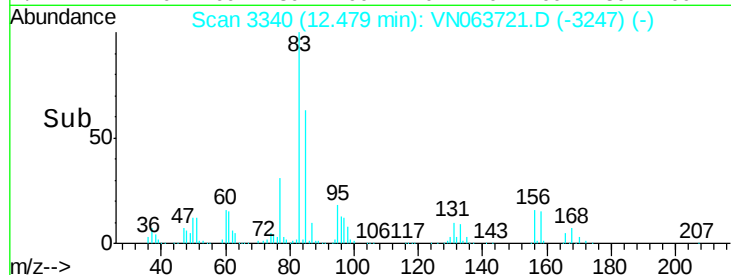
85 63.6 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VN063721.D (-3247) (-)

Ion 130.80 (130.50 to 131.50): VN063721.D (-3247) (-)

Ion 84.90 (84.60 to 85.60): VN063721.D (-3247) (-)



#76

1,2,3-Trichloropropane

Concen: 69.413 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. -0.00 min

Lab File: VN063721.D

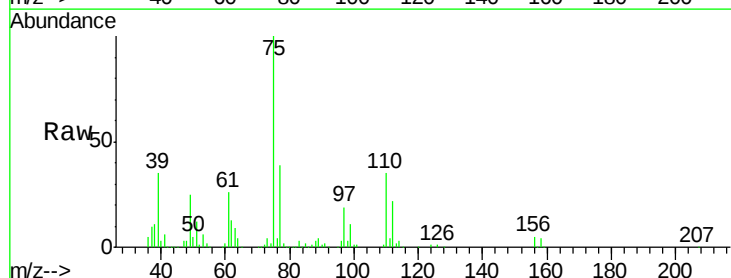
Acq: 29 Sep 2020 12:18

Tgt Ion: 75 Resp: 371123

Ion Ratio Lower Upper

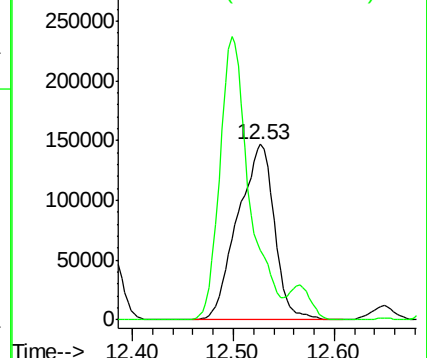
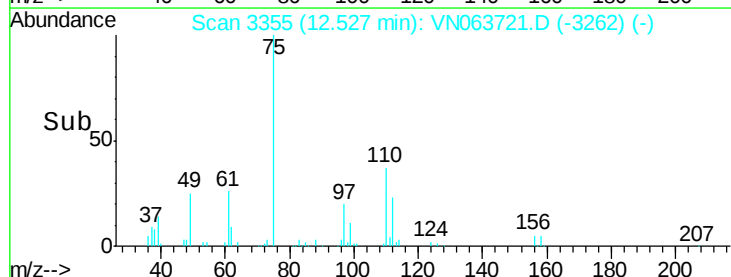
75 100

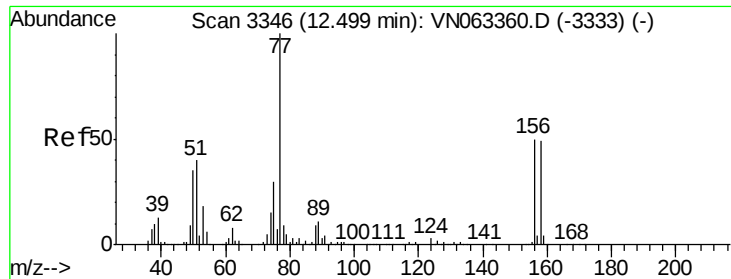
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN063721.D (-3262) (-)

Ion 77.00 (76.70 to 77.70): VN063721.D (-3262) (-)





#77

Bromobenzene

Concen: 55.919 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN063721.D

Acq: 29 Sep 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

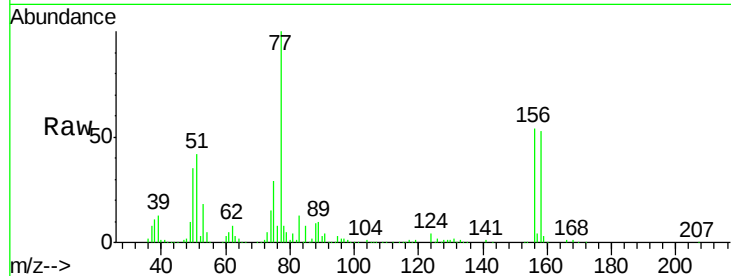
Tgt Ion:156 Resp: 217734

Ion Ratio Lower Upper

156 100

77 222.3 120.2 360.6

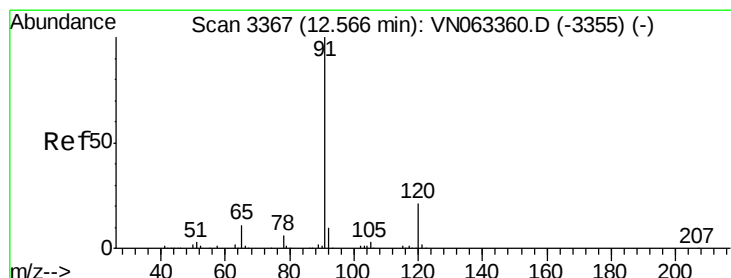
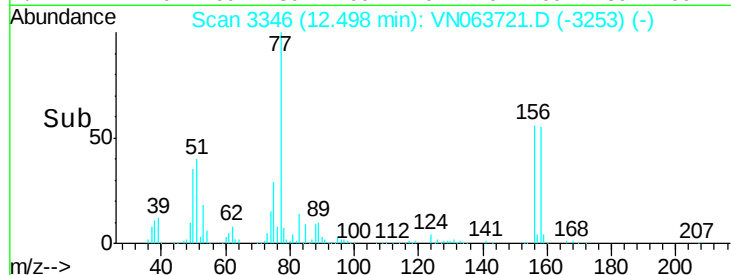
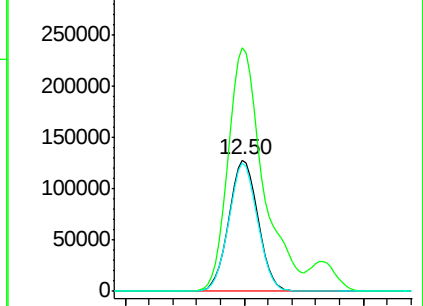
158 96.1 48.9 146.6



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: 52.462 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063721.D

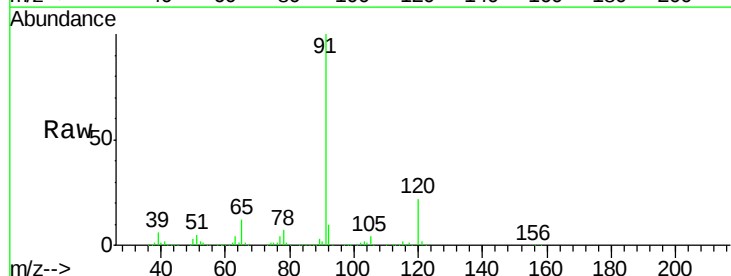
Acq: 29 Sep 2020 12:18

Tgt Ion: 91 Resp: 1057706

Ion Ratio Lower Upper

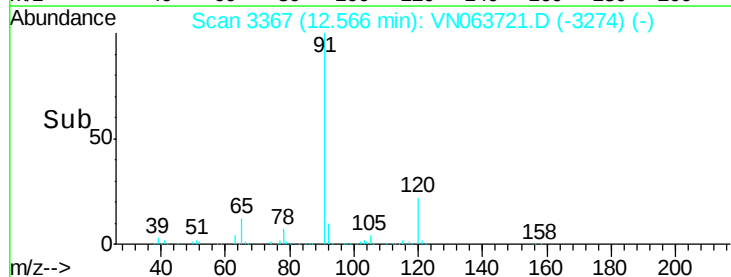
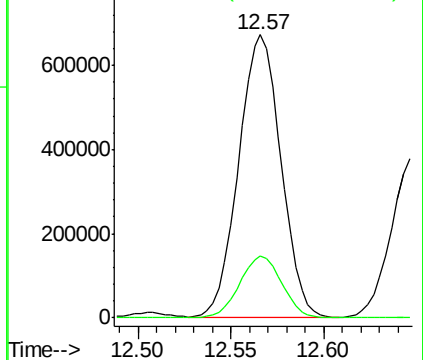
91 100

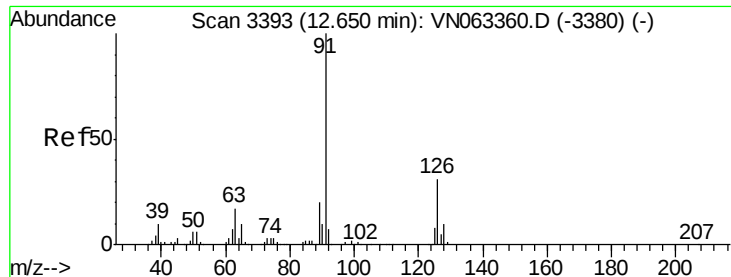
120 21.9 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.951 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. -0.00 min

Lab File: VN063721.D

Acq: 29 Sep 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

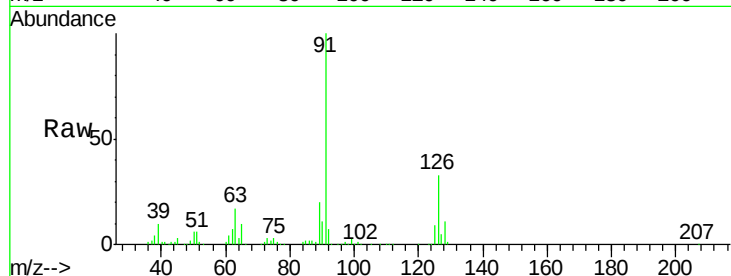
VSTDCCC050

Tgt Ion: 91 Resp: 627860

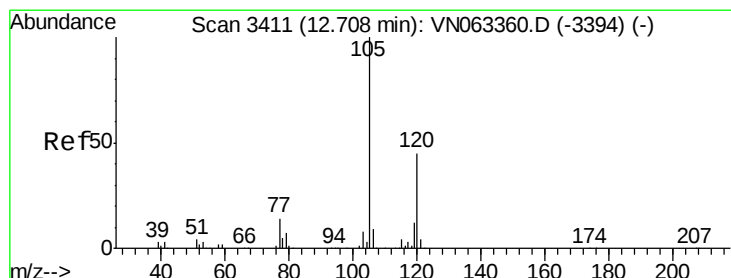
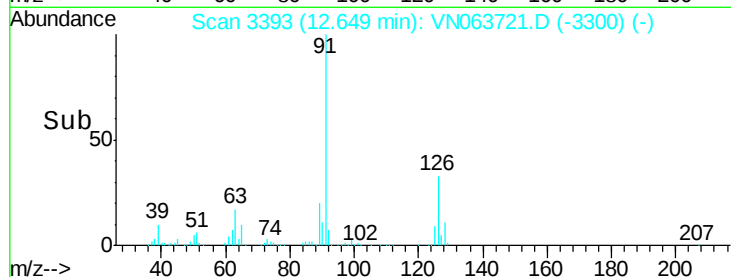
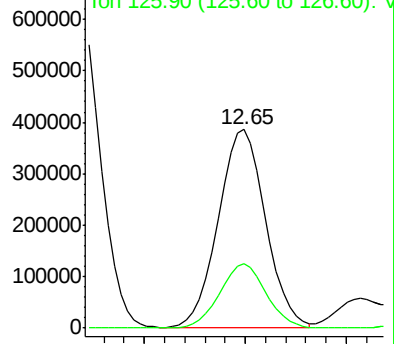
Ion Ratio Lower Upper

91 100

126 32.1 15.8 47.3



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



#80

1,3,5-Trimethylbenzene

Concen: 52.586 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN063721.D

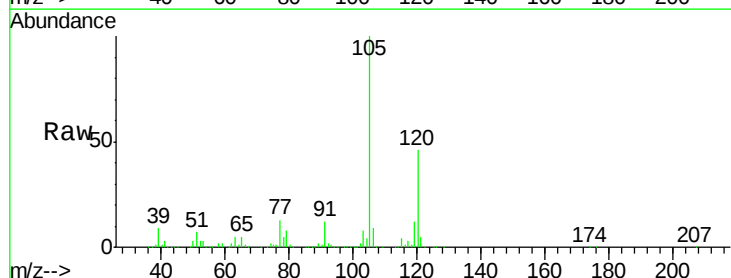
Acq: 29 Sep 2020 12:18

Tgt Ion: 105 Resp: 759040

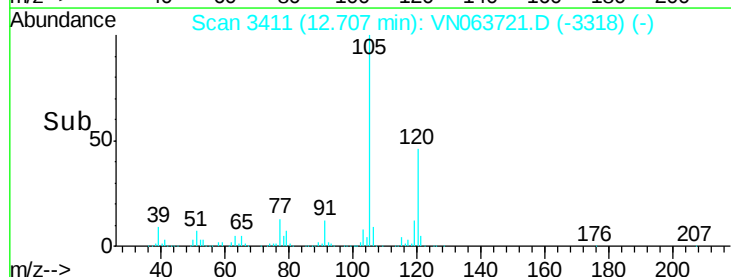
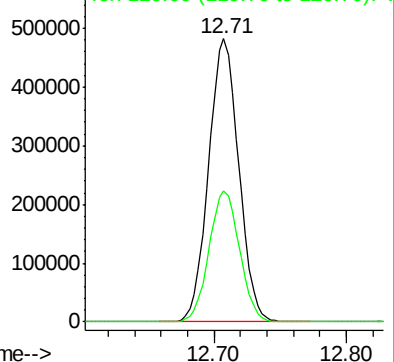
Ion Ratio Lower Upper

105 100

120 46.8 22.9 68.8



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

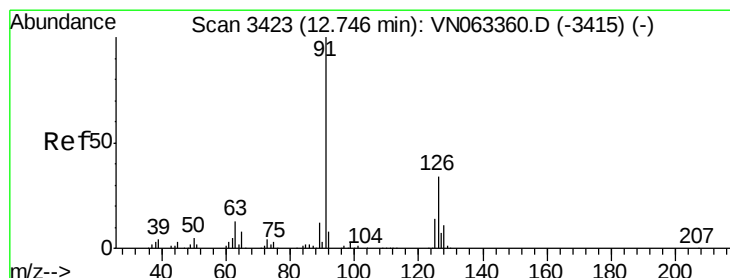
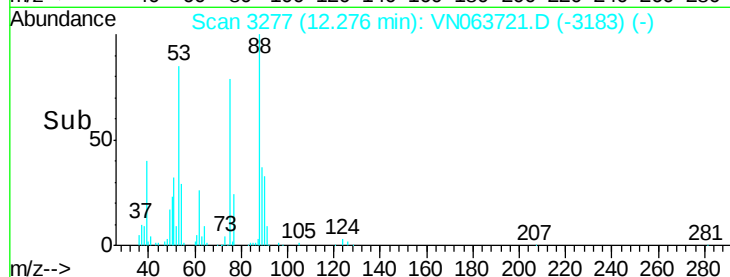
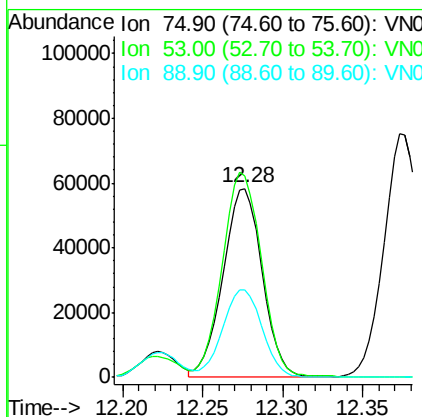
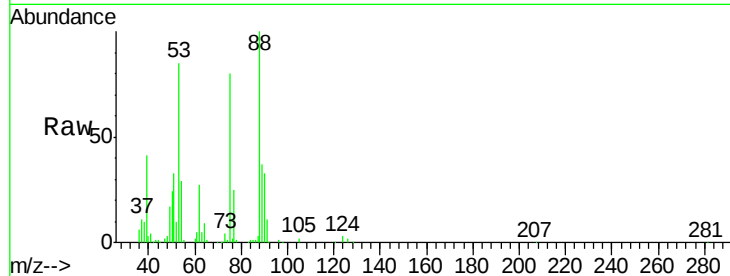




#81
trans-1,4-Dichloro-2-butene
Concen: 49.922 ug/l
RT: 12.28 min Scan# 3277
Delta R.T. 0.00 min
Lab File: VN063721.D
Acq: 29 Sep 2020 12:18

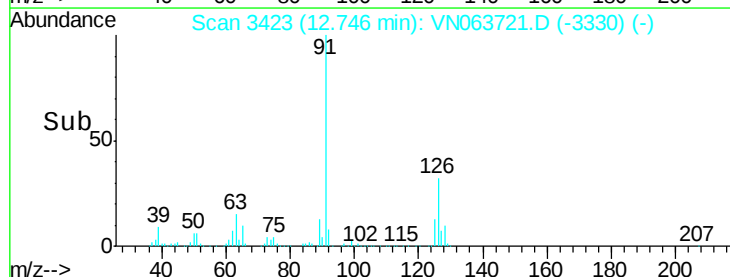
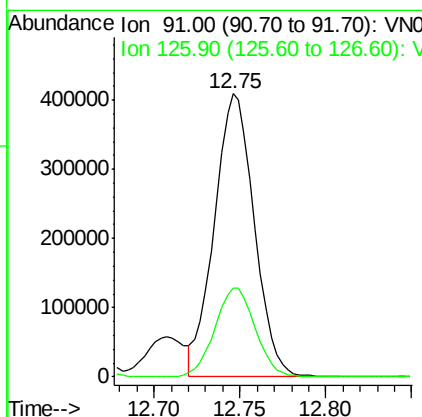
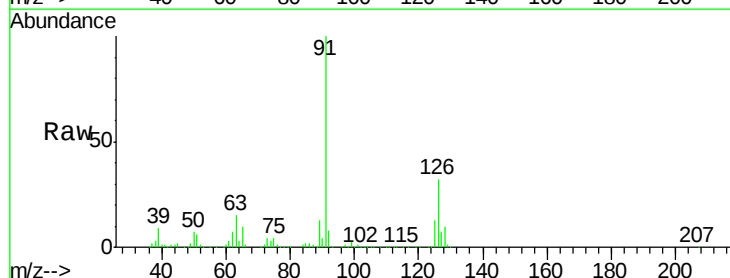
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

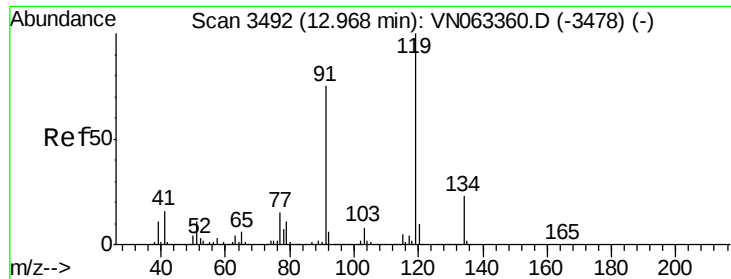
Tgt Ion: 75 Resp: 97356
Ion Ratio Lower Upper
75 100
53 109.7 85.7 128.5
89 46.3 38.0 57.0



#82
4-Chlorotoluene
Concen: 51.522 ug/l
RT: 12.75 min Scan# 3423
Delta R.T. -0.00 min
Lab File: VN063721.D
Acq: 29 Sep 2020 12:18

Tgt Ion: 91 Resp: 657915
Ion Ratio Lower Upper
91 100
126 32.1 15.5 46.5

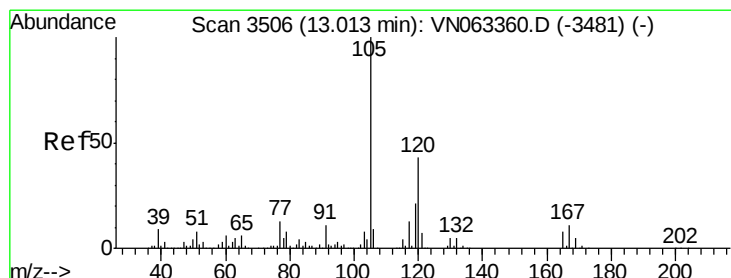
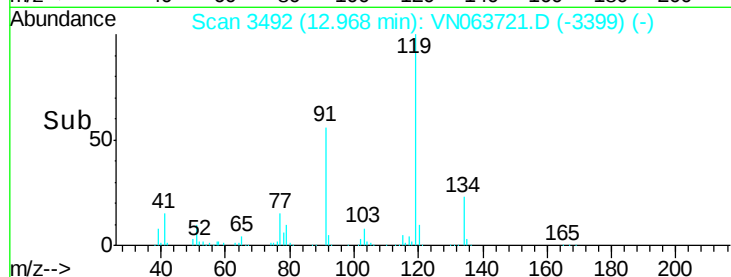
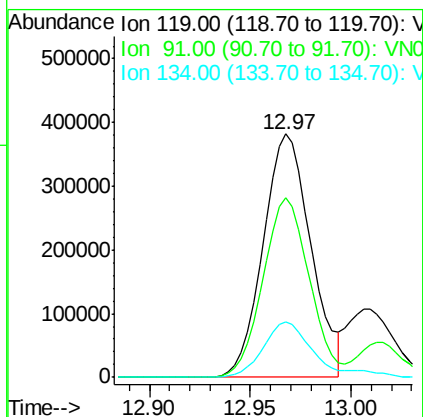
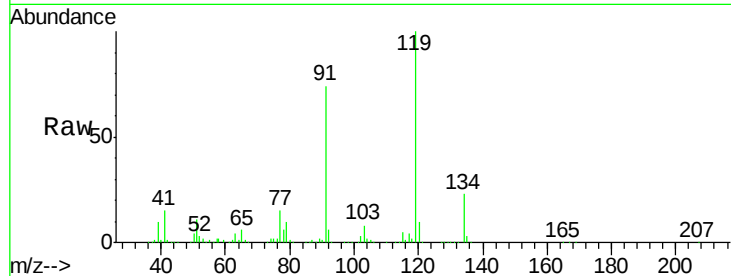




#83
 tert-Butylbenzene
 Concen: 52.867 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. -0.00 min
 Lab File: VN063721.D
 Acq: 29 Sep 2020 12:18

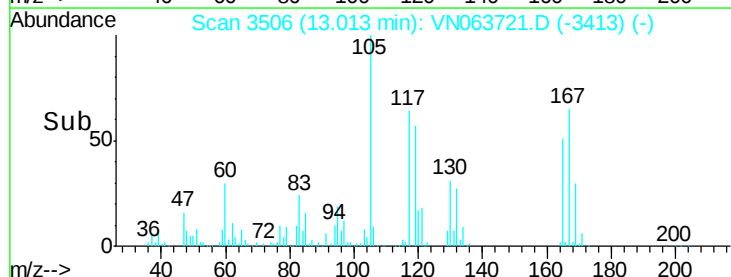
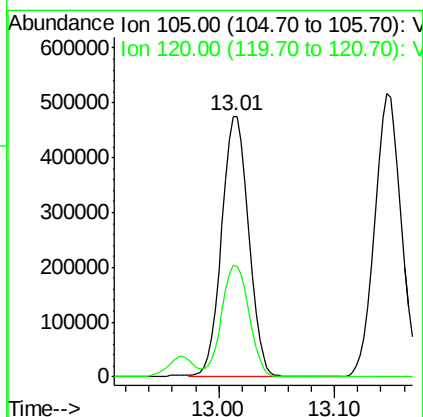
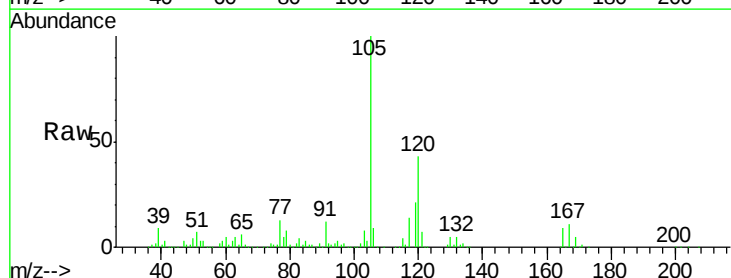
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

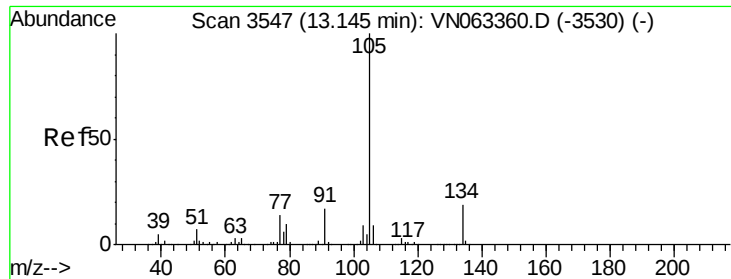
Tgt Ion:119 Resp: 629816
 Ion Ratio Lower Upper
 119 100
 91 71.7 36.3 108.9
 134 24.5 12.3 36.8



#84
 1,2,4-Trimethylbenzene
 Concen: 52.510 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. -0.00 min
 Lab File: VN063721.D
 Acq: 29 Sep 2020 12:18

Tgt Ion:105 Resp: 765585
 Ion Ratio Lower Upper
 105 100
 120 43.4 21.3 63.9

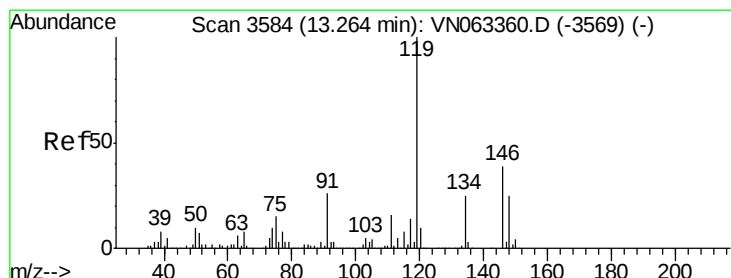
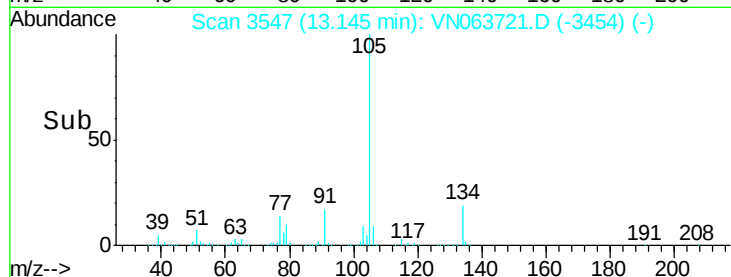
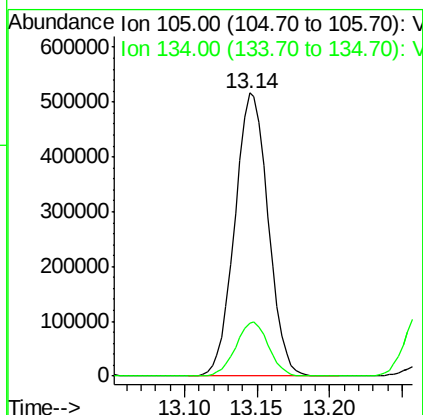
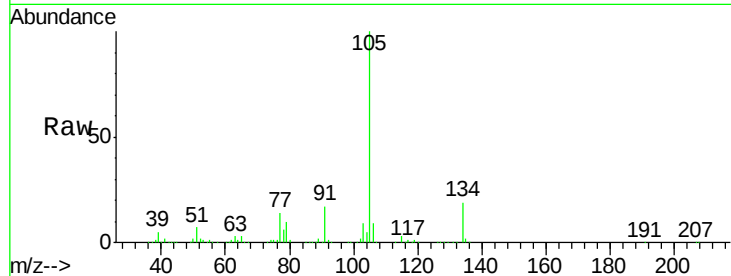




#85
 sec-Butylbenzene
 Concen: 51.734 ug/l
 RT: 13.14 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN063721.D
 Acq: 29 Sep 2020 12:18

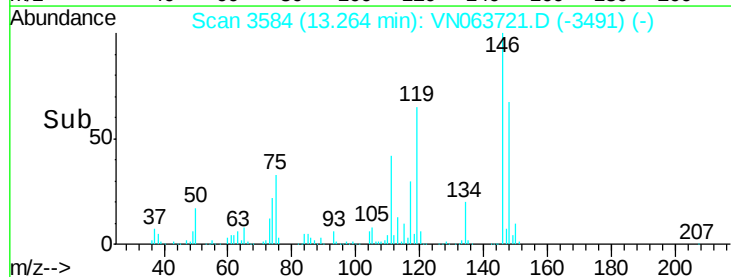
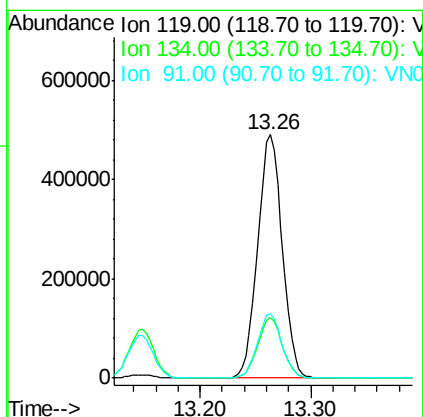
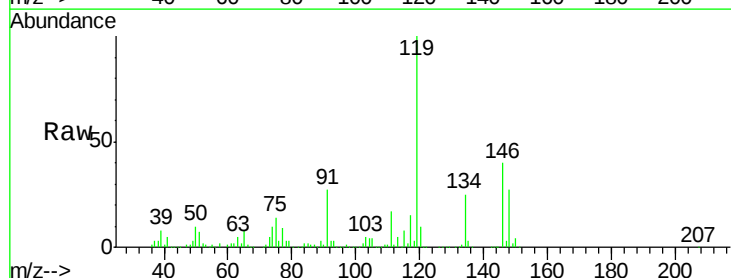
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

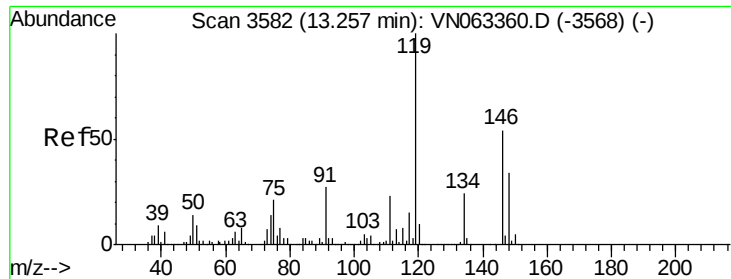
Tgt Ion:105 Resp: 824975
 Ion Ratio Lower Upper
 105 100
 134 18.8 9.3 27.7



#86
 p-Isopropyltoluene
 Concen: 53.627 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. -0.00 min
 Lab File: VN063721.D
 Acq: 29 Sep 2020 12:18

Tgt Ion:119 Resp: 754273
 Ion Ratio Lower Upper
 119 100
 134 25.0 12.5 37.5
 91 26.2 13.4 40.1

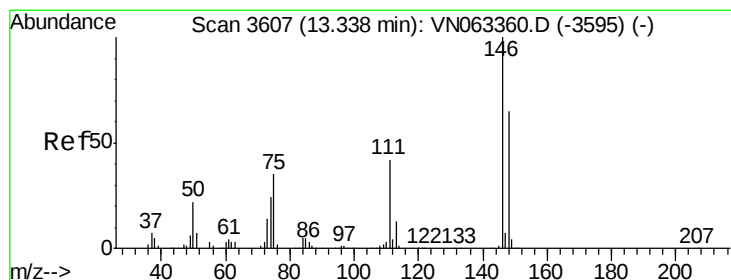
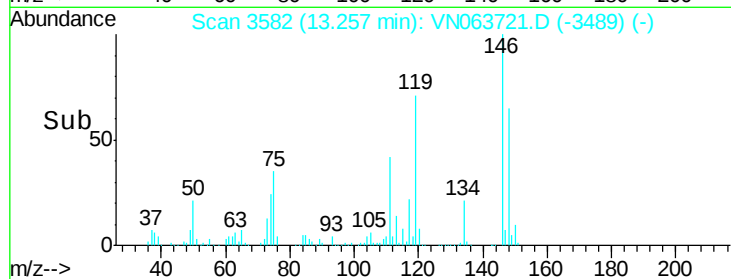
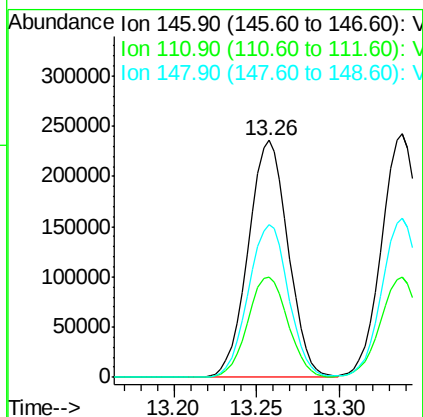
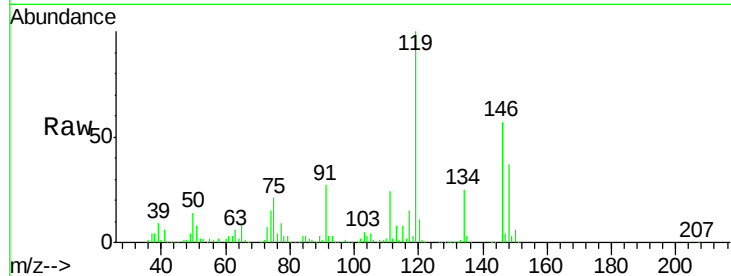




#87
 1,3-Dichlorobenzene
 Concen: 54.562 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN063721.D
 Acq: 29 Sep 2020 12:18

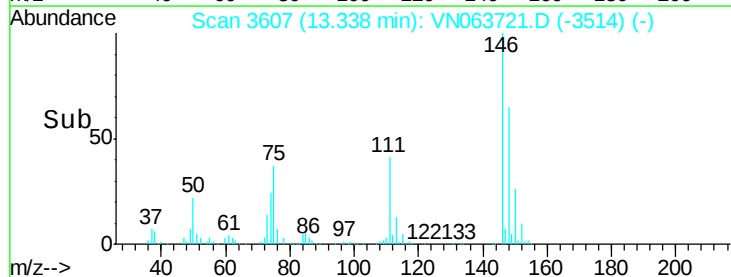
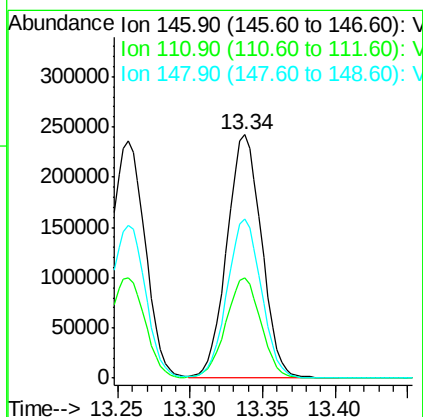
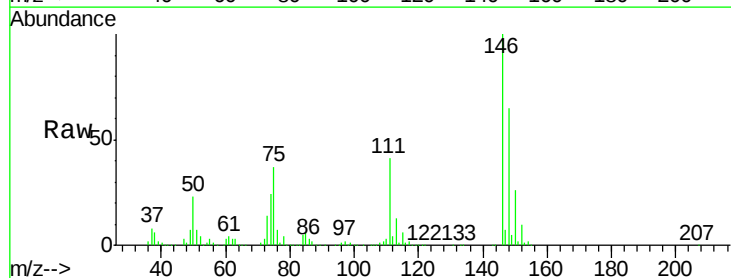
Instrument :
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 ClientSampleId :
 VSTDCCC050

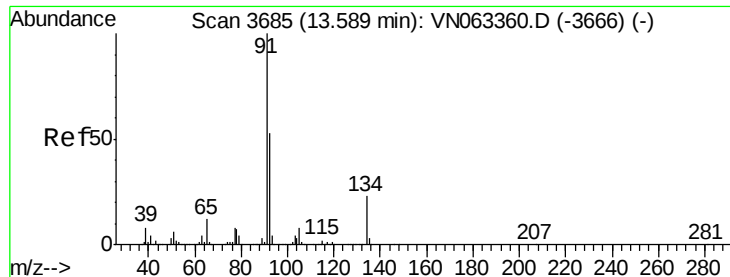
Tgt Ion:146 Resp: 393770
 Ion Ratio Lower Upper
 146 100
 111 42.7 21.4 64.3
 148 65.0 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 54.545 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. -0.00 min
 Lab File: VN063721.D
 Acq: 29 Sep 2020 12:18

Tgt Ion:146 Resp: 400225
 Ion Ratio Lower Upper
 146 100
 111 41.1 21.2 63.6
 148 64.6 31.9 95.9





#89

n-Butylbenzene

Concen: 52.262 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. -0.00 min

Lab File: VN063721.D

Acq: 29 Sep 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

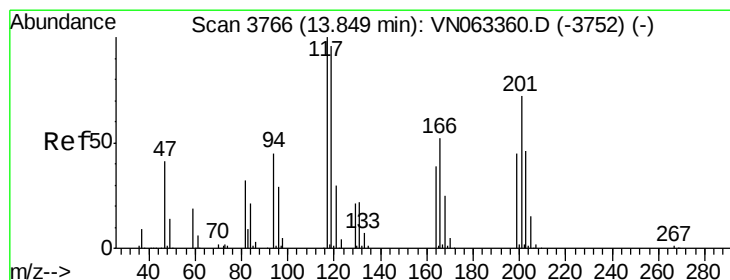
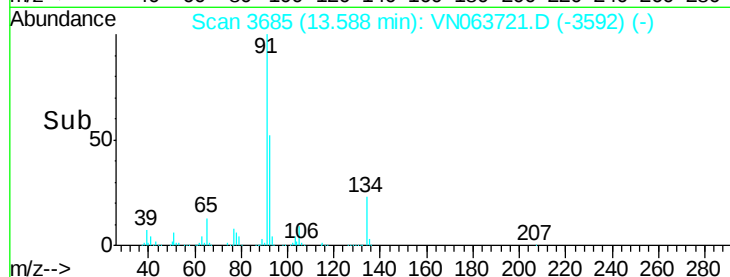
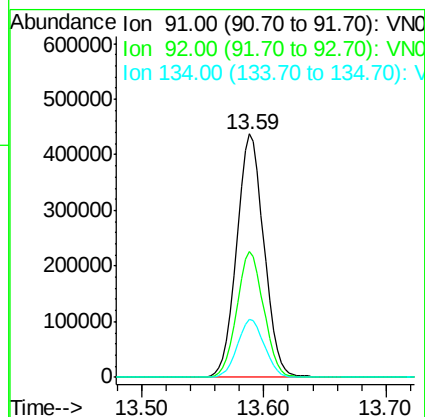
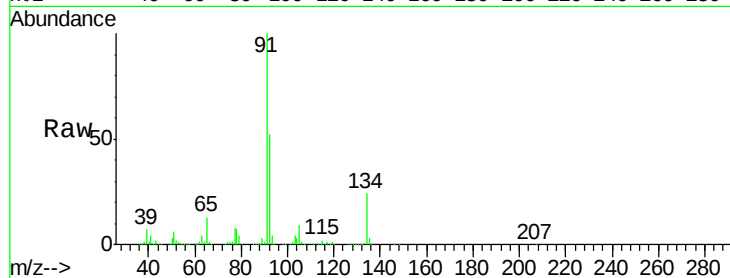
Tgt Ion: 91 Resp: 677553

Ion Ratio Lower Upper

91 100

92 50.9 26.0 78.0

134 23.7 11.7 35.0



#90

Hexachloroethane

Concen: 50.895 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. -0.00 min

Lab File: VN063721.D

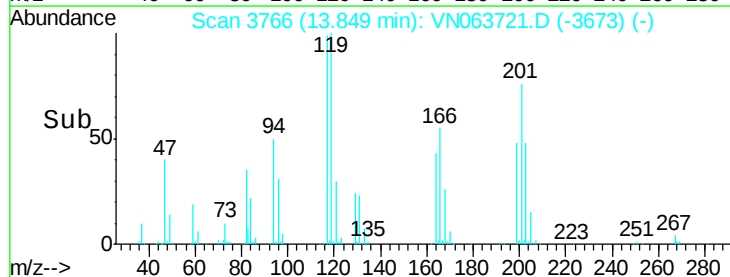
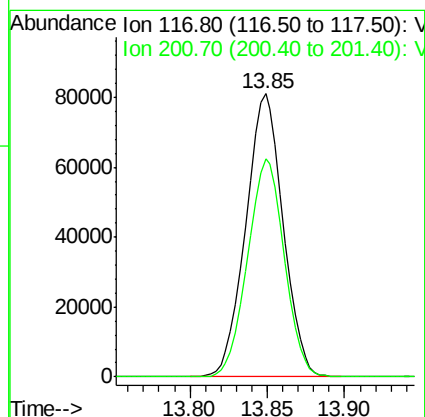
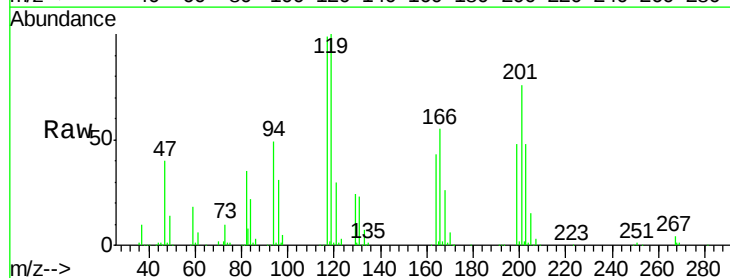
Acq: 29 Sep 2020 12:18

Tgt Ion: 117 Resp: 136307

Ion Ratio Lower Upper

117 100

201 75.6 35.5 106.7

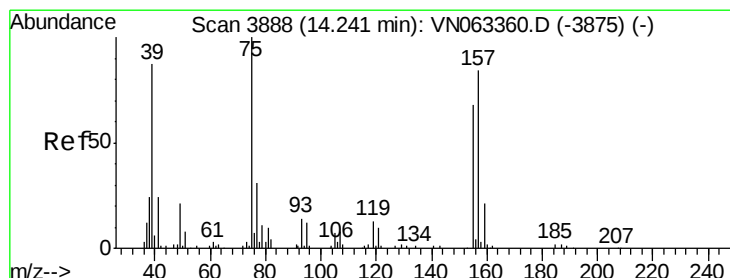
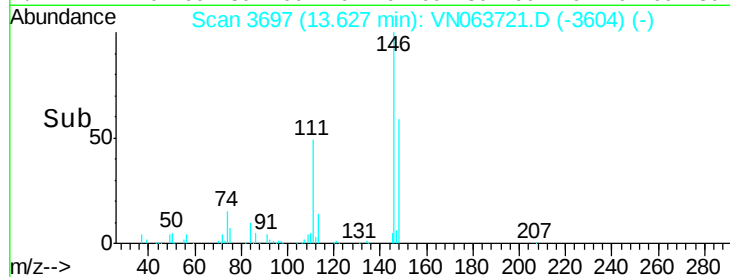
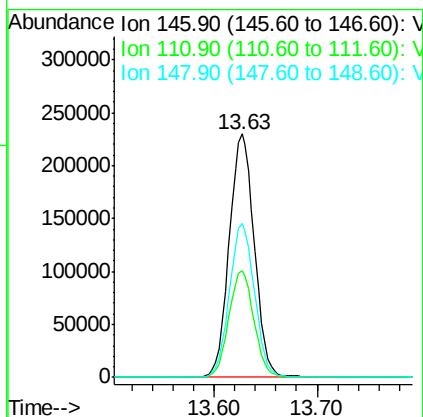
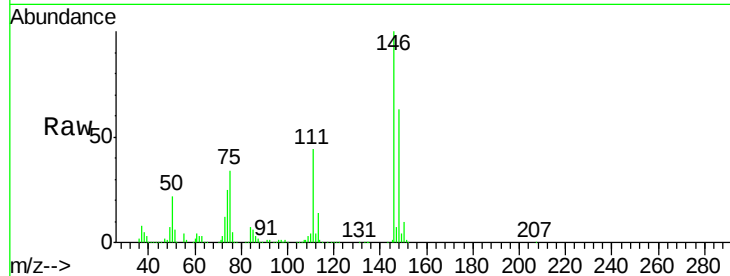




#91
 1,2-Dichlorobenzene
 Concen: 54.909 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: VN063721.D
 Acq: 29 Sep 2020 12:18

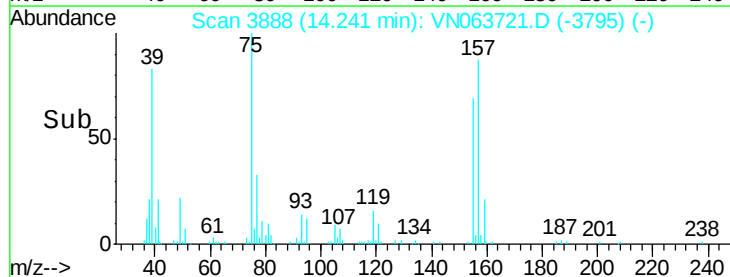
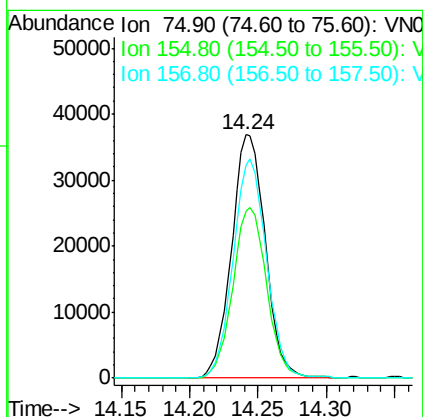
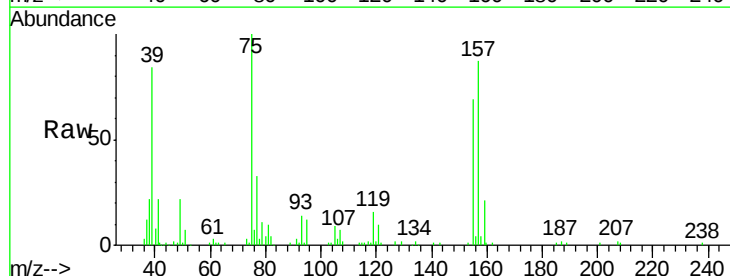
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

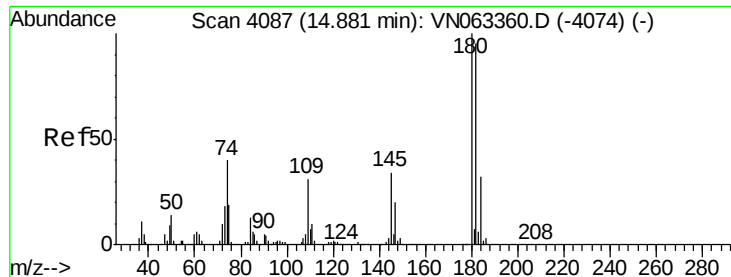
Tgt Ion: 146 Resp: 389054
 Ion Ratio Lower Upper
 146 100
 111 43.8 22.4 67.2
 148 63.3 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.581 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN063721.D
 Acq: 29 Sep 2020 12:18

Tgt Ion: 75 Resp: 63280
 Ion Ratio Lower Upper
 75 100
 155 70.4 34.6 103.9
 157 89.0 43.7 131.1

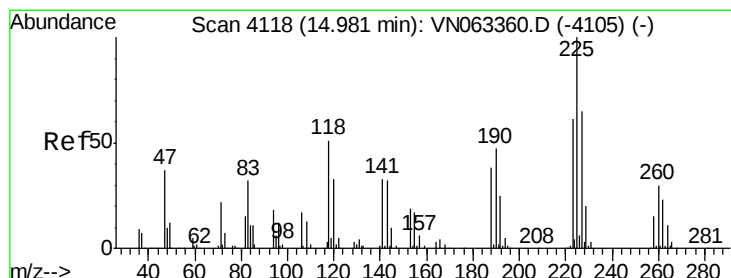
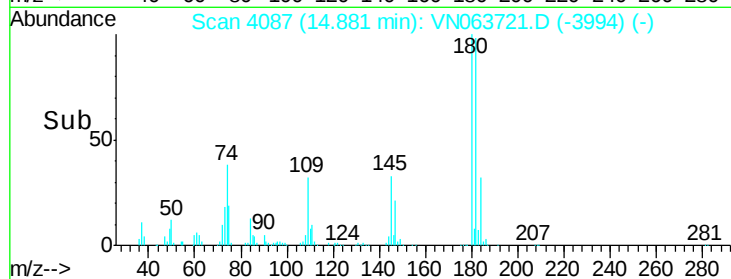
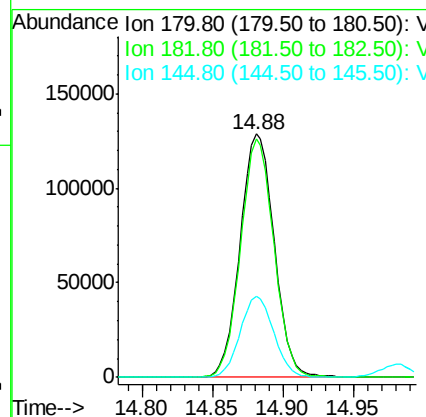
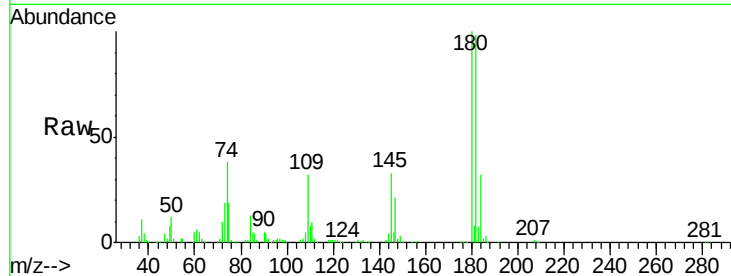




#93
 1,2,4-Trichlorobenzene
 Concen: 52.368 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN063721.D
 Acq: 29 Sep 2020 12:18

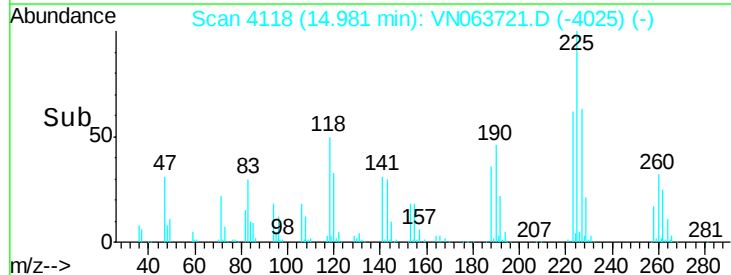
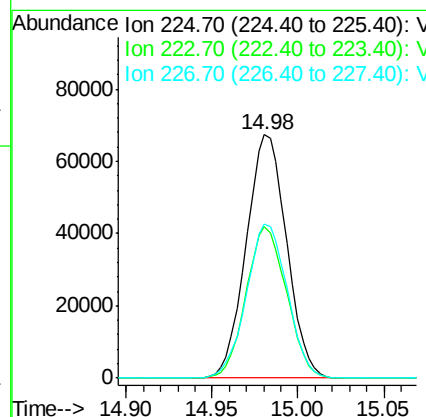
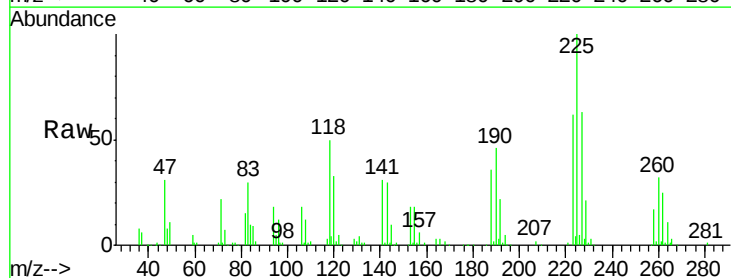
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

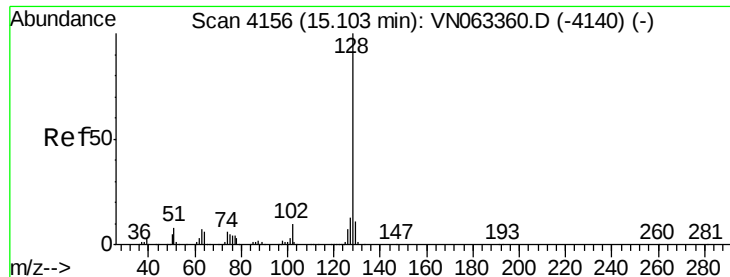
Tgt Ion:180 Resp: 218749
 Ion Ratio Lower Upper
 180 100
 182 95.9 47.3 142.0
 145 32.6 16.6 49.7



#94
 Hexachlorobutadiene
 Concen: 63.567 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN063721.D
 Acq: 29 Sep 2020 12:18

Tgt Ion:225 Resp: 109926
 Ion Ratio Lower Upper
 225 100
 223 62.0 30.6 91.6
 227 64.1 31.2 93.6

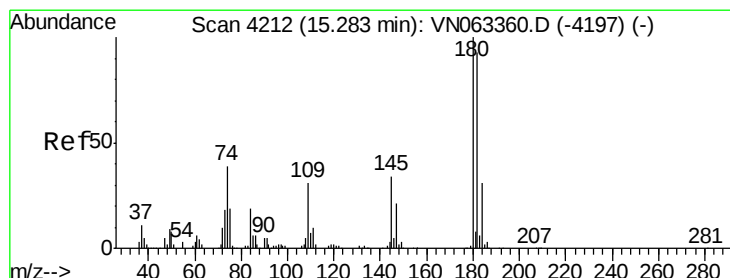
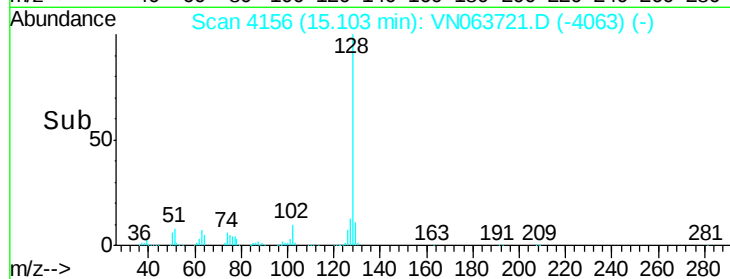
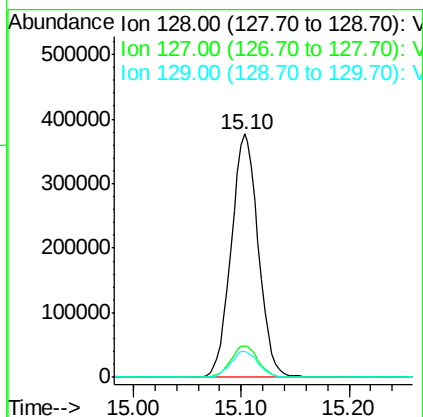
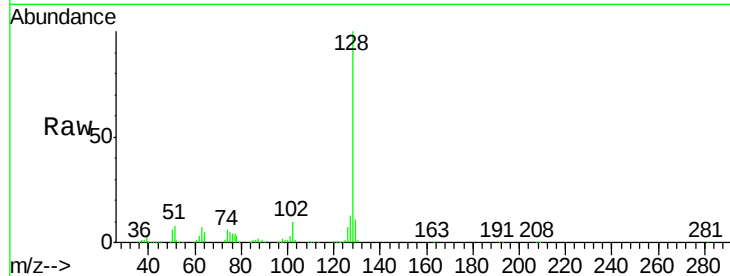




#95
Naphthalene
Concen: 47.868 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. -0.00 min
Lab File: VN063721.D
Acq: 29 Sep 2020 12:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 660598
Ion Ratio Lower Upper
128 100
127 13.1 10.6 15.8
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 52.155 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. -0.00 min
Lab File: VN063721.D
Acq: 29 Sep 2020 12:18

Tgt Ion:180 Resp: 210500
Ion Ratio Lower Upper
180 100
182 95.8 46.7 140.1
145 33.7 16.8 50.3

