

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092220\
 Data File : VN063526.D
 Acq On : 22 Sep 2020 12:08
 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 23 03:59:09 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	299606	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	502602	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	474673	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	231728	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	227825	44.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.34%	
35) Dibromofluoromethane	7.55	113	161715	46.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.96%	
50) Toluene-d8	10.06	98	630340	48.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.36%	
62) 4-Bromofluorobenzene	12.38	95	243429	50.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.52%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.83	85	161685	47.635	ug/l 100
3) Chloromethane	2.04	50	193497	43.093	ug/l 99
4) Vinyl Chloride	2.16	62	188012	47.260	ug/l 97
5) Bromomethane	2.53	94	117945	49.933	ug/l 99
6) Chloroethane	2.67	64	113758	46.583	ug/l 100
7) Trichlorofluoromethane	2.98	101	293467	49.442	ug/l 98
8) Diethyl Ether	3.37	74	109785	47.447	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	165085	49.456	ug/l 98
10) Methyl Iodide	3.91	142	204324	47.015	ug/l 99
11) Tert butyl alcohol	4.72	59	145265	205.600	ug/l 99
12) 1,1-Dichloroethene	3.70	96	159297	47.115	ug/l 98
13) Acrolein	3.56	56	104391	398.691	ug/l 98
14) Allyl chloride	4.28	41	309365	46.258	ug/l 98
15) Acrylonitrile	4.93	53	422149	234.891	ug/l 99
16) Acetone	3.77	43	406641	248.091	ug/l 99
17) Carbon Disulfide	4.01	76	438881	44.626	ug/l 100
18) Methyl Acetate	4.27	43	204167	49.066	ug/l 99
19) Methyl tert-butyl Ether	4.99	73	584350	46.373	ug/l 100
20) Methylene Chloride	4.50	84	191061	46.008	ug/l 98
21) trans-1,2-Dichloroethene	4.99	96	174611	46.614	ug/l 95
22) Diisopropyl ether	5.90	45	635303	46.578	ug/l 100
23) Vinyl Acetate	5.84	43	2634350	235.174	ug/l 100
24) 1,1-Dichloroethane	5.80	63	347075	46.609	ug/l 99
25) 2-Butanone	6.78	43	596045	236.444	ug/l 98
26) 2,2-Dichloropropane	6.78	77	310530	47.364	ug/l 98
27) cis-1,2-Dichloroethene	6.78	96	202663	47.799	ug/l 99
28) Bromochloromethane	7.15	49	150992	43.915	ug/l 96
29) Tetrahydrofuran	7.16	42	386523	224.501	ug/l 99
30) Chloroform	7.33	83	360620	48.269	ug/l 98
31) Cyclohexane	7.61	56	299396	42.505	ug/l 99
32) 1,1,1-Trichloroethane	7.53	97	320992	48.306	ug/l 100
36) 1,1-Dichloropropene	7.75	75	267213	49.904	ug/l 100
37) Ethyl Acetate	6.88	43	253102	48.162	ug/l 99
38) Carbon Tetrachloride	7.73	117	274752	50.267	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	278830	47.980	ug/l	98
40) Benzene	8.00	78	753942	49.325	ug/l	99
41) Methacrylonitrile	7.13	41	120673	51.055	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	304056	49.465	ug/l	99
43) Isopropyl Acetate	8.13	43	440006	46.825	ug/l	98
44) Trichloroethene	8.80	130	192166	51.834	ug/l	100
45) 1,2-Dichloropropane	9.08	63	204351	49.087	ug/l	99
46) Dibromomethane	9.17	93	138663	50.678	ug/l	99
47) Bromodichloromethane	9.37	83	288962	50.835	ug/l	99
48) Methyl methacrylate	9.16	41	218089	47.239	ug/l	96
49) 1,4-Dioxane	9.16	88	59058	891.399	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	1312352	249.463	ug/l	100
52) Toluene	10.13	92	480114	52.243	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	323031	50.904	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	336772	50.312	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	186882	51.196	ug/l	97
56) Ethyl methacrylate	10.40	69	291479	51.150	ug/l	98
57) 1,3-Dichloropropane	10.68	76	325199	49.402	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	680222	227.549	ug/l	97
59) 2-Hexanone	10.72	43	985755	258.645	ug/l	100
60) Dibromochloromethane	10.87	129	215448	52.244	ug/l	99
61) 1,2-Dibromoethane	10.98	107	198296	52.288	ug/l	99
64) Tetrachloroethene	10.60	164	177174	54.816	ug/l	98
65) Chlorobenzene	11.41	112	504354	50.055	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	191793	51.927	ug/l	98
67) Ethyl Benzene	11.48	91	957660	50.470	ug/l	99
68) m/p-Xylenes	11.59	106	708574	103.571	ug/l	98
69) o-Xylene	11.92	106	336443	51.624	ug/l	99
70) Styrene	11.94	104	575803	52.685	ug/l	99
71) Bromoform	12.10	173	143165	52.031	ug/l #	99
73) Isopropylbenzene	12.22	105	918290	49.452	ug/l	100
74) N-amyl acetate	12.05	43	413114	46.997	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	272575	47.407	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	373857	65.182	ug/l #	100
77) Bromobenzene	12.50	156	213071	51.010	ug/l	95
78) n-propylbenzene	12.57	91	1075006	49.704	ug/l	100
79) 2-Chlorotoluene	12.65	91	648547	50.023	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	781161	50.448	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	99044	47.343	ug/l	98
82) 4-Chlorotoluene	12.75	91	696655	50.856	ug/l	99
83) tert-Butylbenzene	12.97	119	623103	48.756	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	787815	50.370	ug/l	100
85) sec-Butylbenzene	13.15	105	839180	49.055	ug/l	100
86) p-Isopropyltoluene	13.26	119	758783	50.289	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	390293	50.412	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	395417	50.235	ug/l	99
89) n-Butylbenzene	13.59	91	698506	50.224	ug/l	99
90) Hexachloroethane	13.85	117	132837	46.235	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	383119	50.404	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	62368	45.553	ug/l	99

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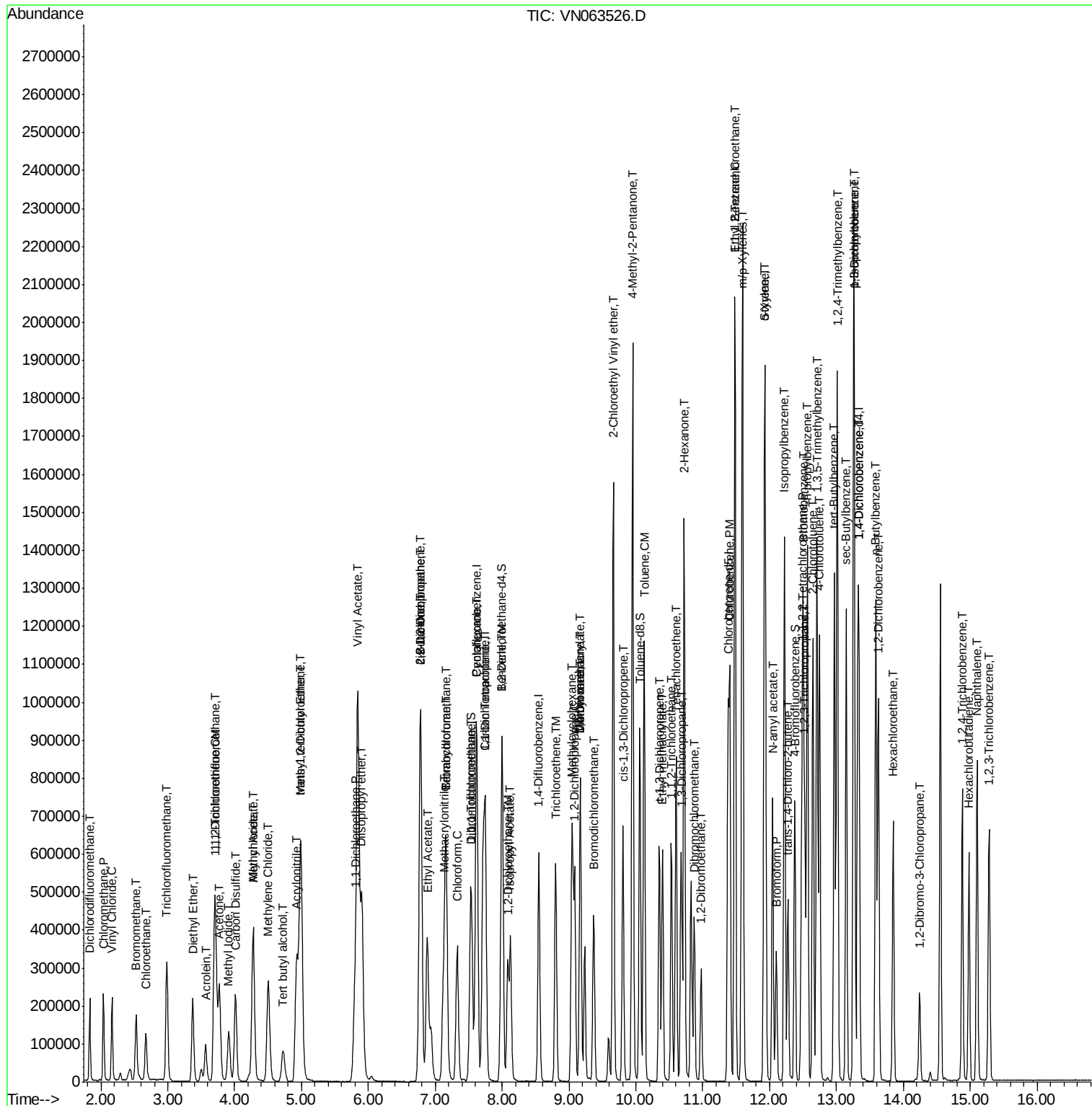
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	215625	48.119	ug/l	100
94) Hexachlorobutadiene	14.98	225	102215	55.099	ug/l	99
95) Naphthalene	15.10	128	674201	45.540	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	200467	46.301	ug/l	97

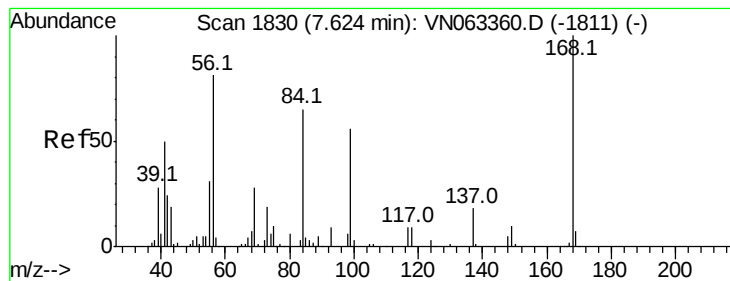
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092220\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN063526.D

Acq: 22 Sep 2020 12:08

Instrument :

MSVOA_N

ClientSampleId :

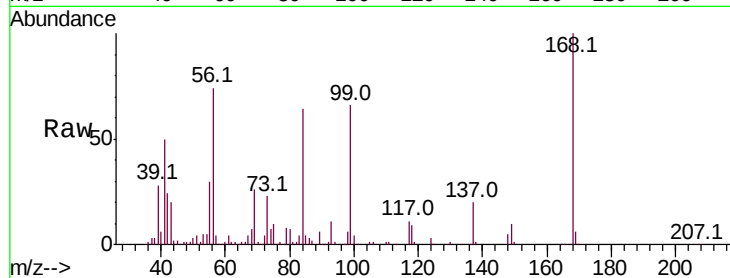
VSTDCCC050

Tot Ion:168 Resp: 299606

Ion Ratio Lower Upper

168 100

99 66.1 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

150000

100000

50000

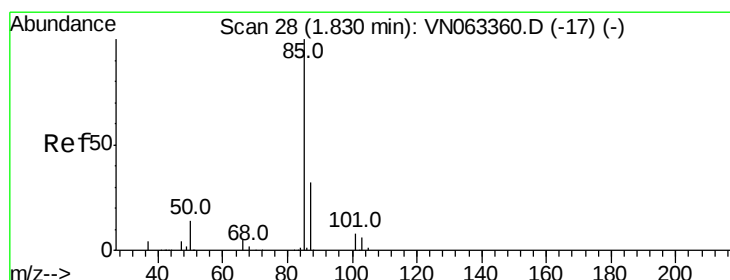
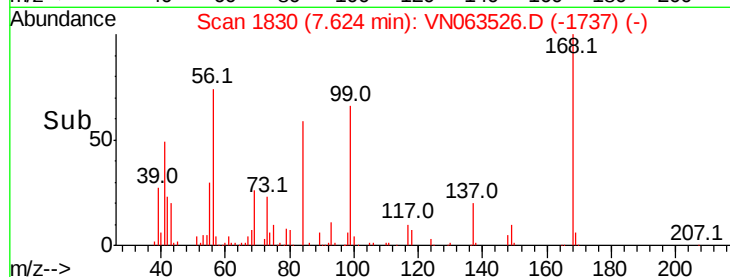
0

Time-->

7.50

7.60

7.70



#2

Dichlorodifluoromethane

Concen: 47.635 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063526.D

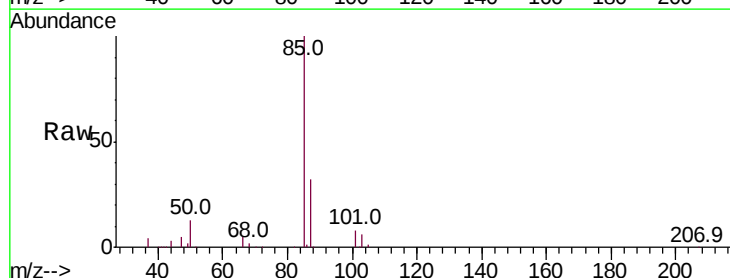
Acq: 22 Sep 2020 12:08

Tgt Ion: 85 Resp: 161685

Ion Ratio Lower Upper

85 100

87 31.7 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

100000

50000

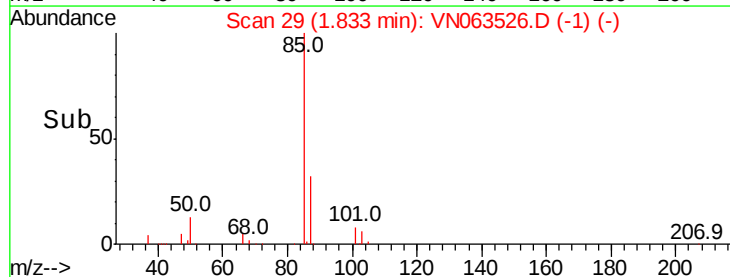
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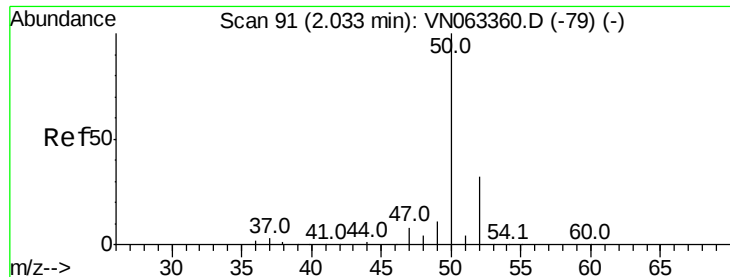
Time-->

1.80

1.85

1.90





#3

Chloromethane

Concen: 43.093 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.01 min

Lab File: VN063526.D

Acq: 22 Sep 2020 12:08

Instrument :

MSVOA_N

ClientSampleId :

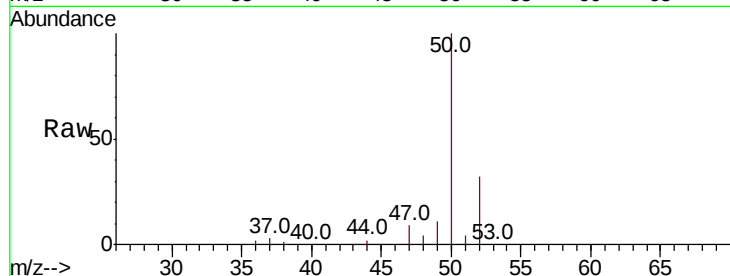
VSTDCCC050

Tot Ion: 50 Resp: 193497

Ion Ratio Lower Upper

50 100

52 31.8 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.04

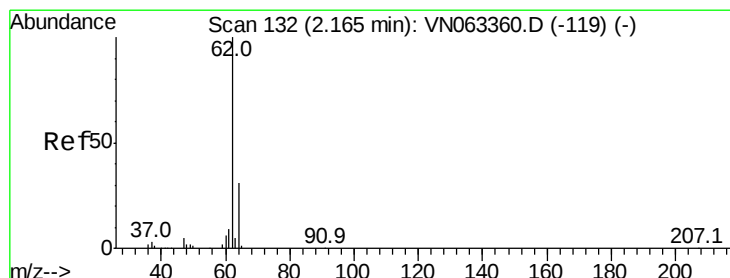
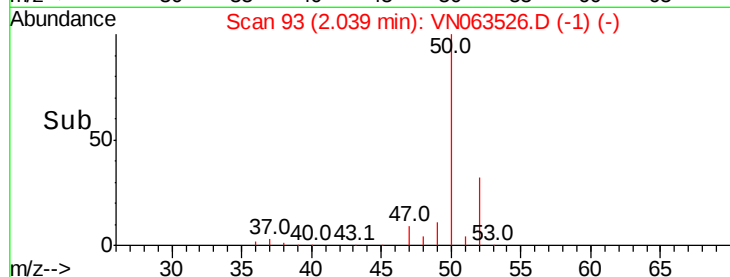
150000

100000

50000

0

Time--> 1.95 2.00 2.05 2.10 2.15



#4

Vinyl Chloride

Concen: 47.260 ug/l

RT: 2.16 min Scan# 132

Delta R.T. -0.00 min

Lab File: VN063526.D

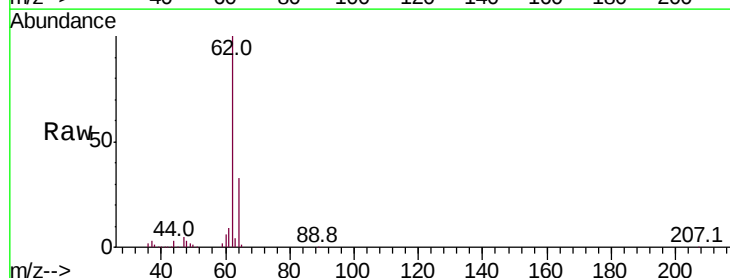
Acq: 22 Sep 2020 12:08

Tgt Ion: 62 Resp: 188012

Ion Ratio Lower Upper

62 100

64 32.9 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO

2.16

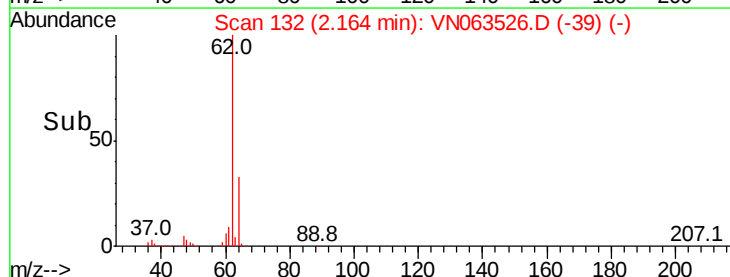
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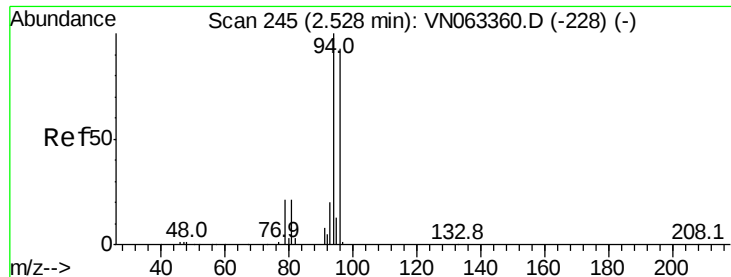
100000

50000

0

Time--> 2.10 2.15 2.20 2.25





#5

Bromomethane

Concen: 49.933 ug/l

RT: 2.53 min Scan# 245

Delta R.T. -0.00 min

Lab File: VN063526.D

Acq: 22 Sep 2020 12:08

Instrument :

MSVOA_N

ClientSampleId :

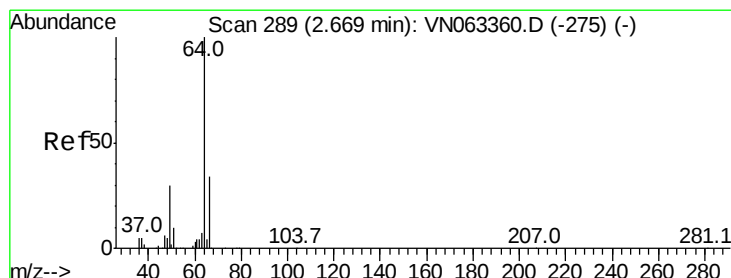
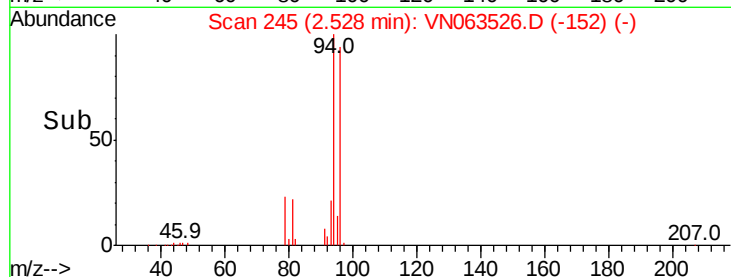
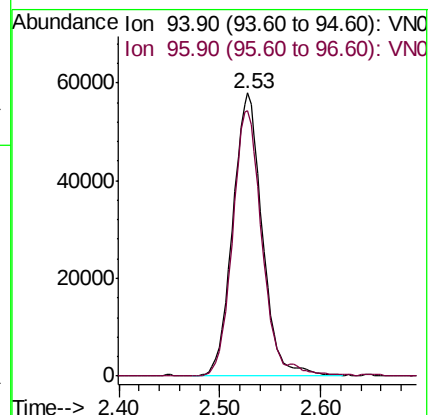
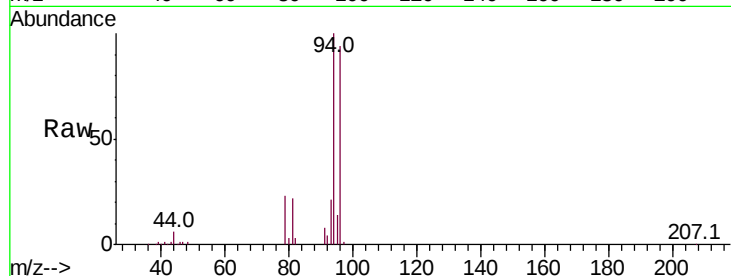
VSTDCCC050

Tot Ion: 94 Resp: 117945

Ion Ratio Lower Upper

94 100

96 93.9 74.5 111.7



#6

Chloroethane

Concen: 46.583 ug/l

RT: 2.67 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN063526.D

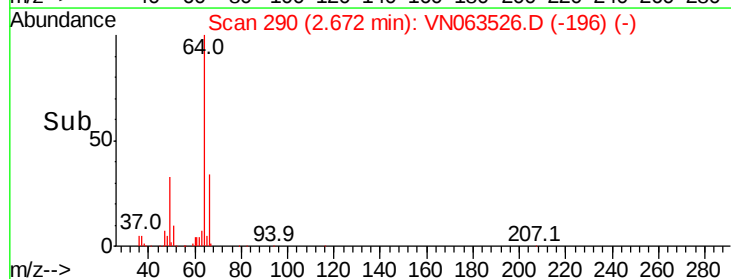
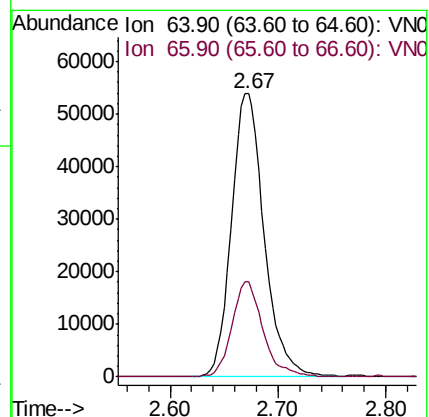
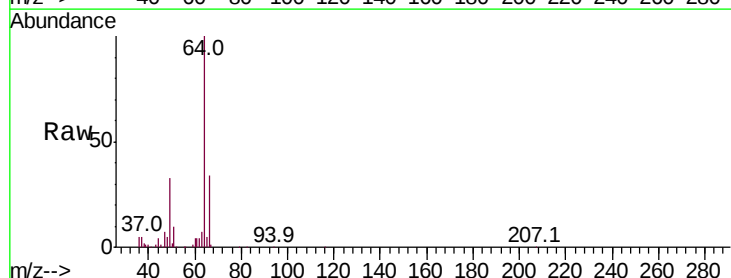
Acq: 22 Sep 2020 12:08

Tgt Ion: 64 Resp: 113758

Ion Ratio Lower Upper

64 100

66 33.6 26.9 40.3



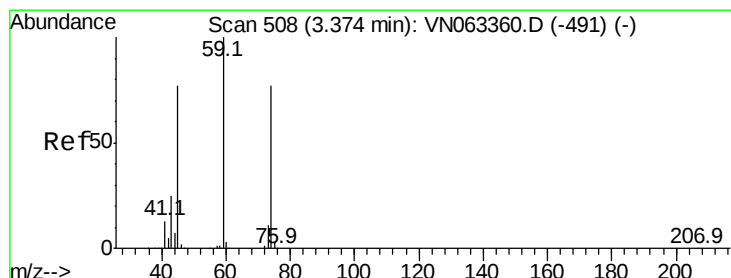
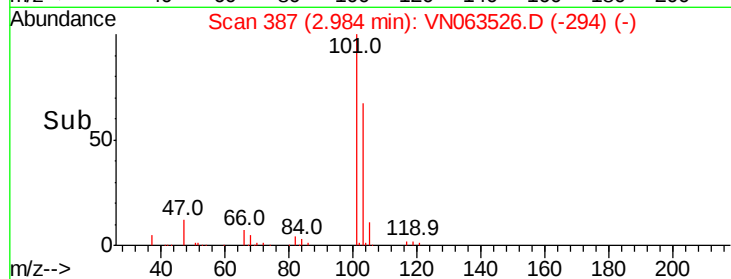
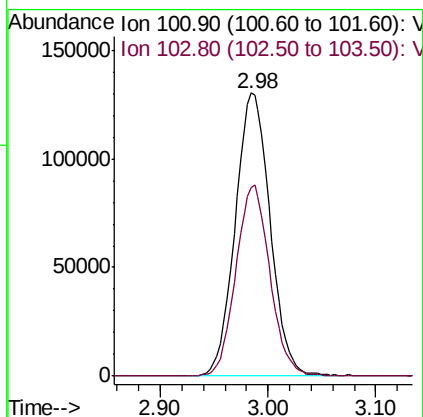
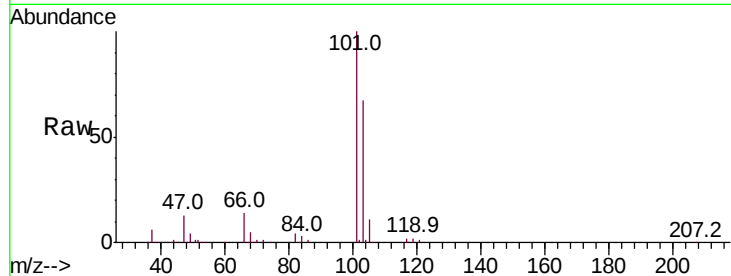


#7

Trichlorofluoromethane
 Concen: 49.442 ug/l
 RT: 2.98 min Scan# 387
 Delta R.T. -0.00 min
 Lab File: VN063526.D
 Acq: 22 Sep 2020 12:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

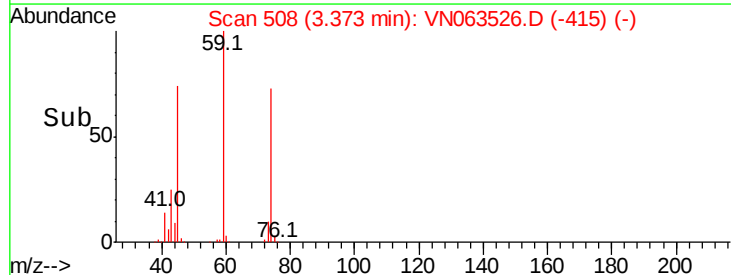
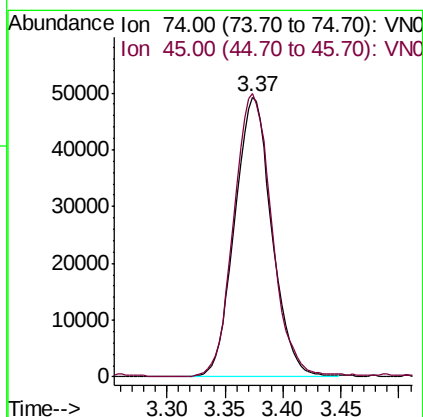
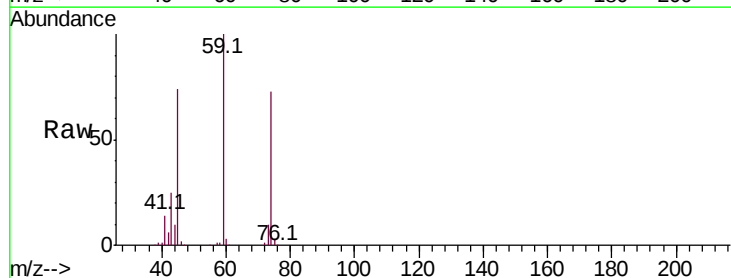
Tot Ion:101 Resp: 293467
 Ion Ratio Lower Upper
 101 100
 103 66.8 52.3 78.5

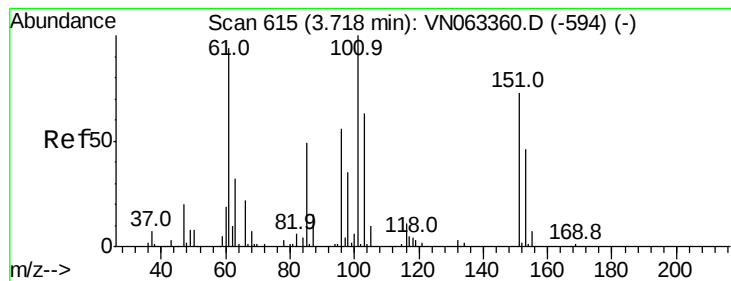


#8

Diethyl Ether
 Concen: 47.447 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN063526.D
 Acq: 22 Sep 2020 12:08

Tgt Ion: 74 Resp: 109785
 Ion Ratio Lower Upper
 74 100
 45 104.4 52.1 156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.456 ug/l

RT: 3.72 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN063526.D

Acq: 22 Sep 2020 12:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

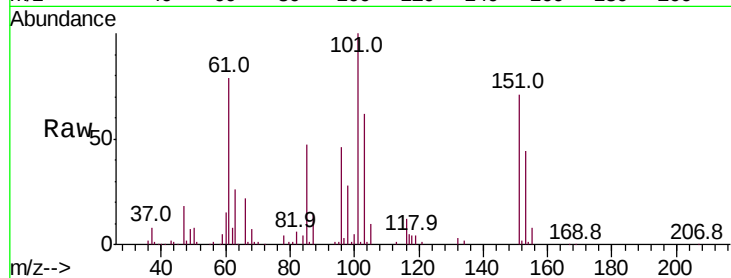
Tot Ion:101 Resp: 165085

Ion Ratio Lower Upper

101 100

85 47.9 37.7 56.5

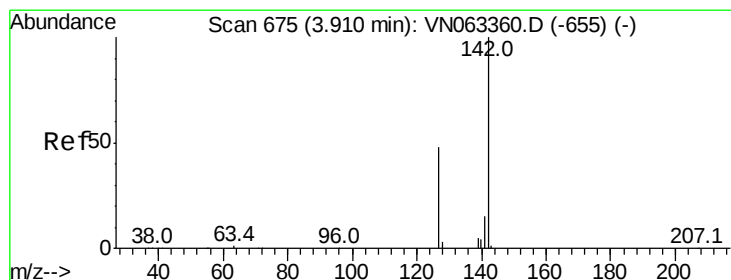
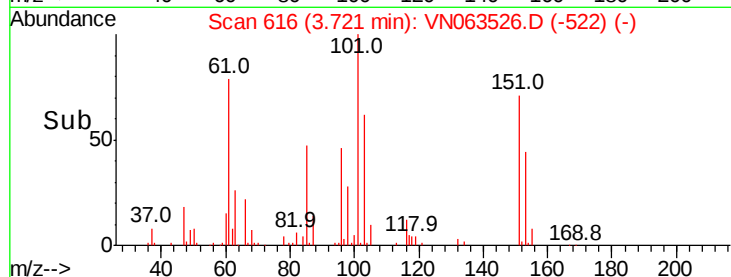
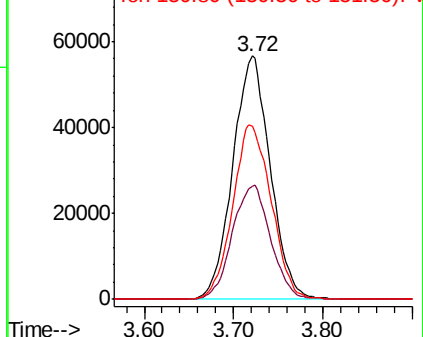
151 73.6 57.7 86.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 47.015 ug/l

RT: 3.91 min Scan# 675

Delta R.T. -0.00 min

Lab File: VN063526.D

Acq: 22 Sep 2020 12:08

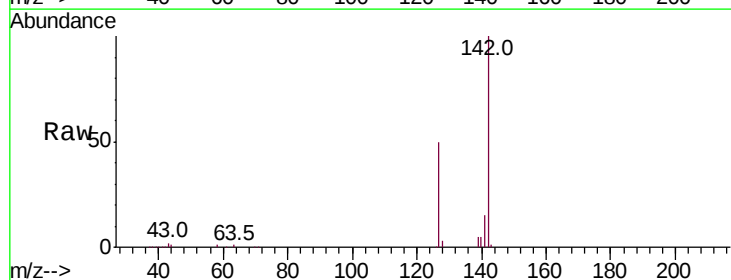
Tgt Ion:142 Resp: 204324

Ion Ratio Lower Upper

142 100

127 49.2 39.0 58.6

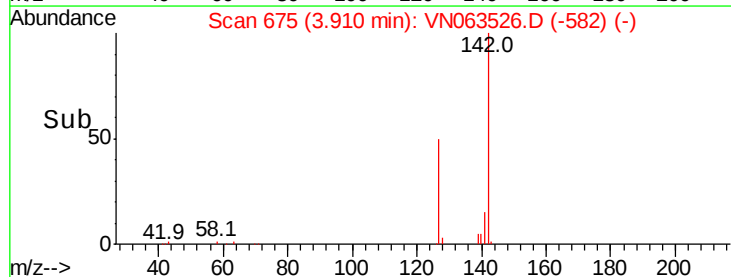
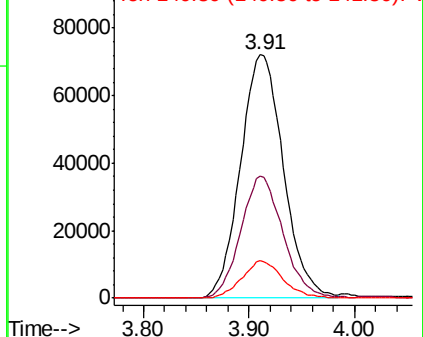
141 14.6 11.6 17.4

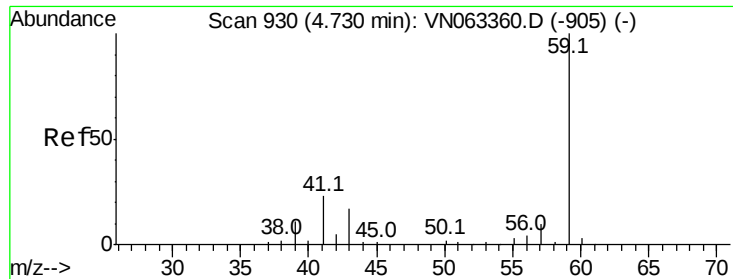


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

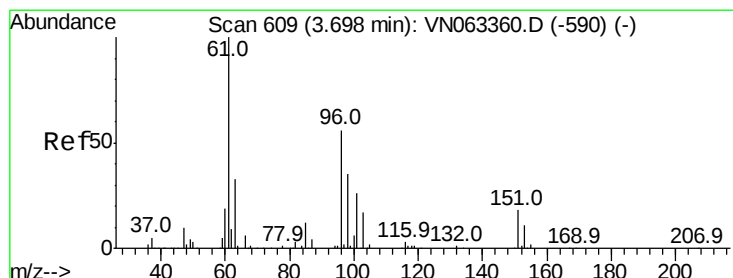
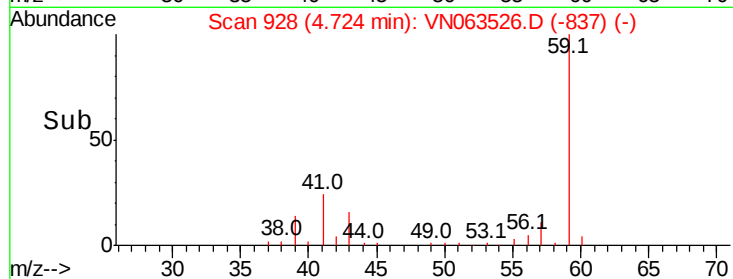
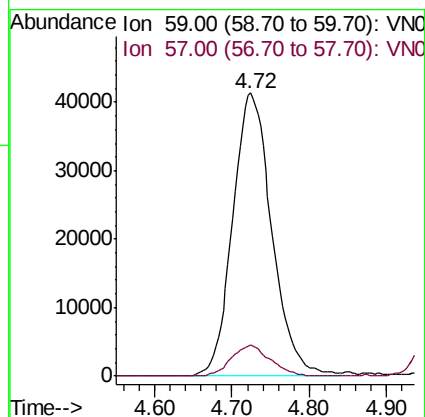
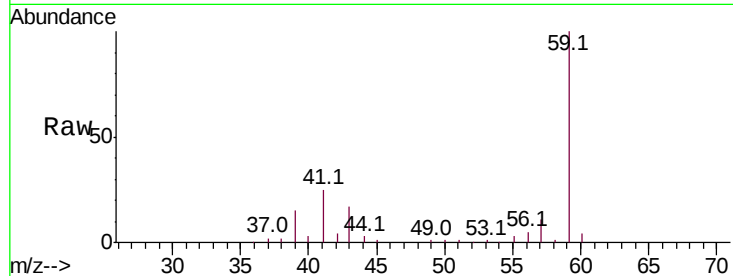




#11
Tert butyl alcohol
Concen: 205.600 ug/l
RT: 4.72 min Scan# 928
Delta R.T. -0.01 min
Lab File: VN063526.D
Acq: 22 Sep 2020 12:08

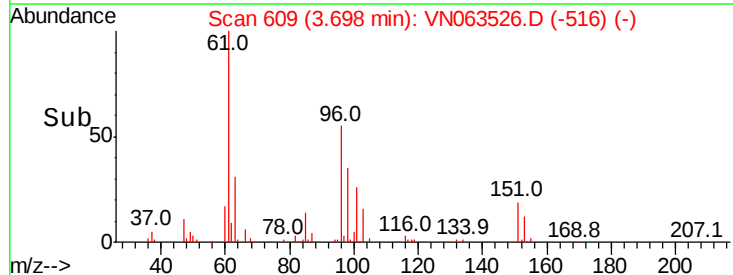
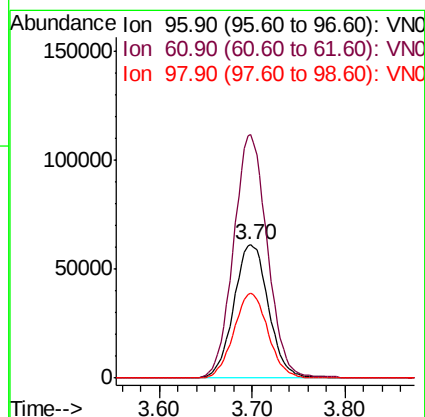
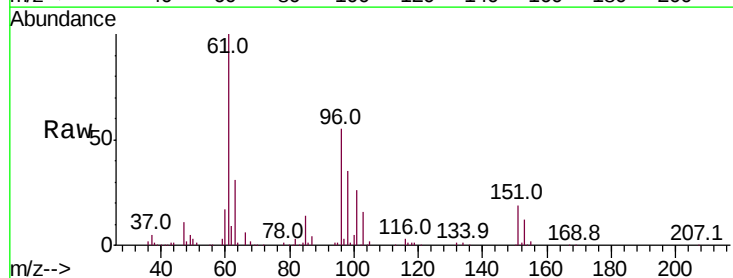
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

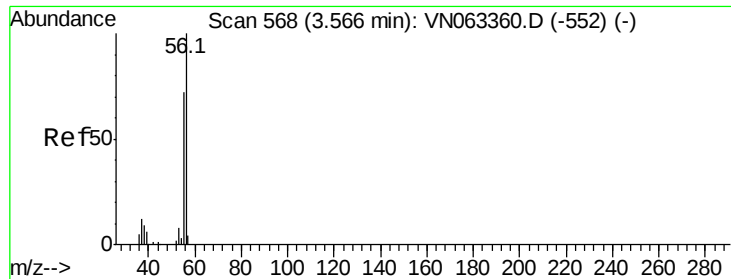
Tot Ion: 59 Resp: 145265
Ion Ratio Lower Upper
59 100
57 10.8 8.4 12.6



#12
1,1-Dichloroethene
Concen: 47.115 ug/l
RT: 3.70 min Scan# 609
Delta R.T. -0.00 min
Lab File: VN063526.D
Acq: 22 Sep 2020 12:08

Tgt Ion: 96 Resp: 159297
Ion Ratio Lower Upper
96 100
61 182.8 143.4 215.2
98 64.2 50.6 76.0





#13

Acrolein

Concen: 398.691 ug/l

RT: 3.56 min Scan# 567

Delta R.T. -0.00 min

Lab File: VN063526.D

Acq: 22 Sep 2020 12:08

Instrument :

MSVOA_N

ClientSampleId :

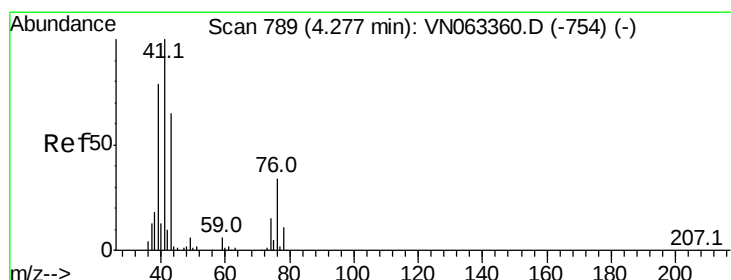
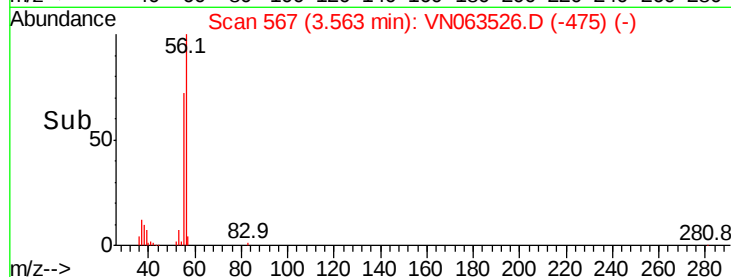
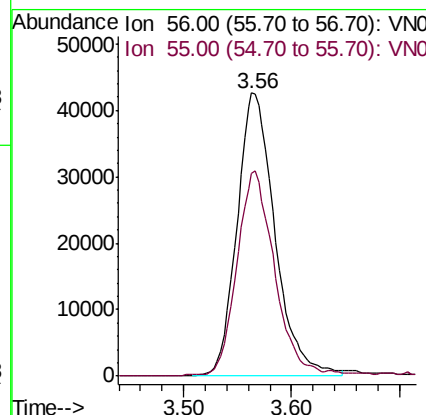
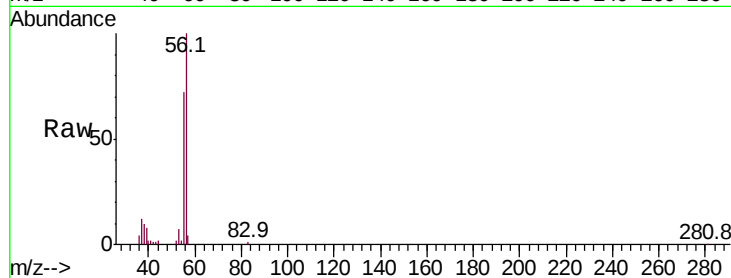
VSTDCCC050

Tot Ion: 56 Resp: 104391

Ion Ratio Lower Upper

56 100

55 71.4 58.2 87.2



#14

Allyl chloride

Concen: 46.258 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063526.D

Acq: 22 Sep 2020 12:08

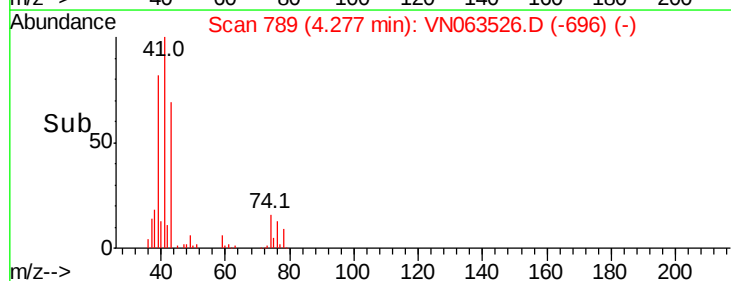
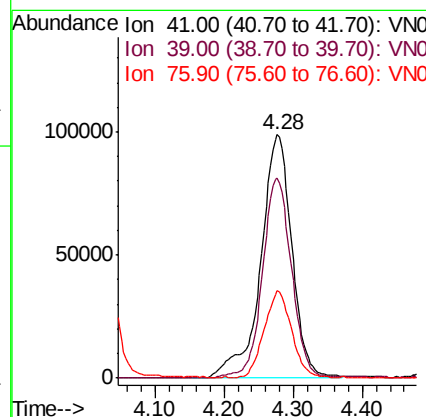
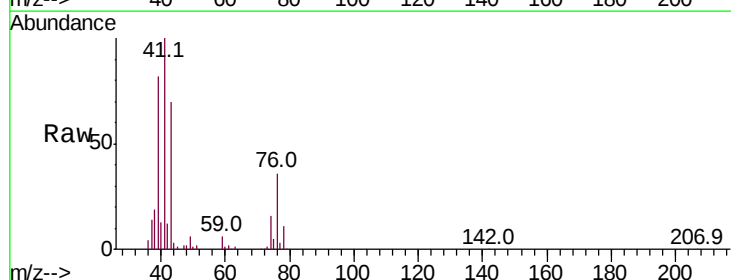
Tgt Ion: 41 Resp: 309365

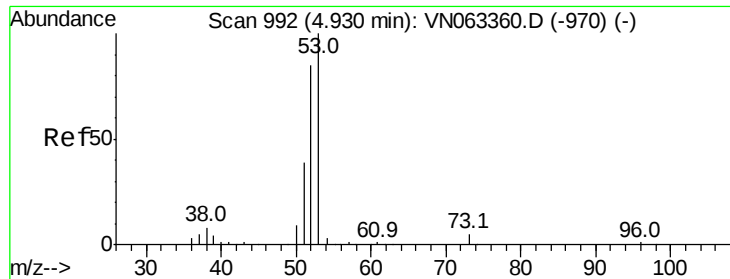
Ion Ratio Lower Upper

41 100

39 75.7 59.3 88.9

76 31.0 25.3 37.9





#15

Acrylonitrile

Concen: 234.891 ug/l

RT: 4.93 min Scan# 991

Delta R.T. -0.00 min

Lab File: VN063526.D

Acq: 22 Sep 2020 12:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

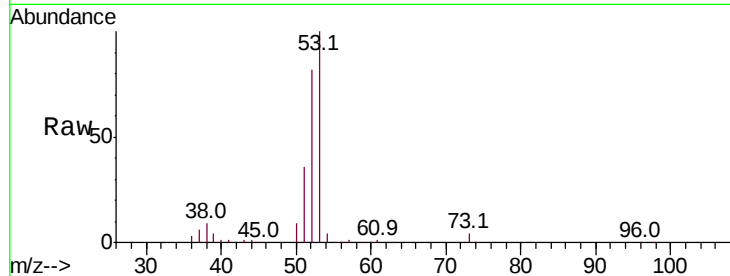
Tot Ion: 53 Resp: 422149

Ion Ratio Lower Upper

53 100

52 83.4 66.4 99.6

51 37.3 30.2 45.4



Abundance Ion 53.00 (52.70 to 53.70): VN063360.D (-970) (-)

Ion 52.00 (51.70 to 52.70): VN063360.D (-970) (-)

Ion 51.00 (50.70 to 51.70): VN063360.D (-970) (-)

4.93

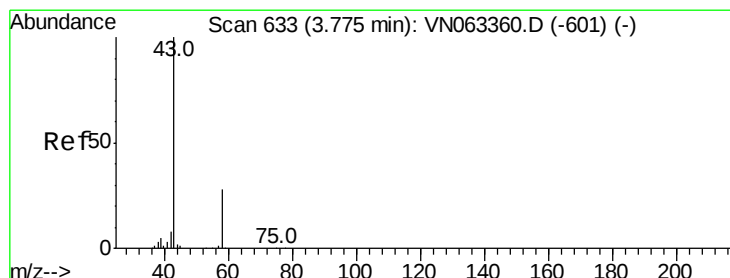
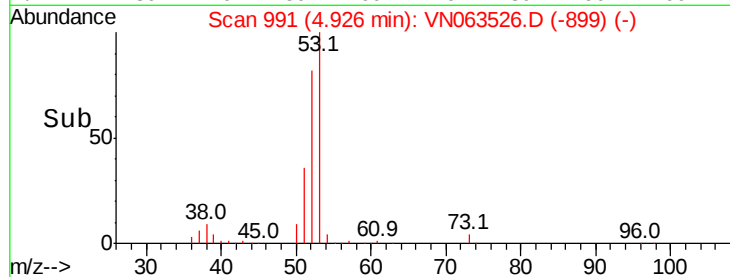
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 248.091 ug/l

RT: 3.77 min Scan# 632

Delta R.T. -0.00 min

Lab File: VN063526.D

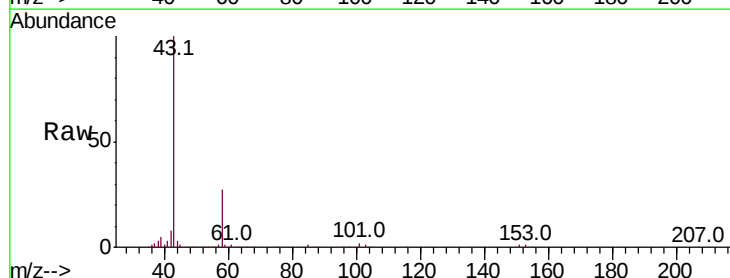
Acq: 22 Sep 2020 12:08

Tgt Ion: 43 Resp: 406641

Ion Ratio Lower Upper

43 100

58 27.4 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN063360.D (-601) (-)

Ion 58.00 (57.70 to 58.70): VN063360.D (-601) (-)

3.77

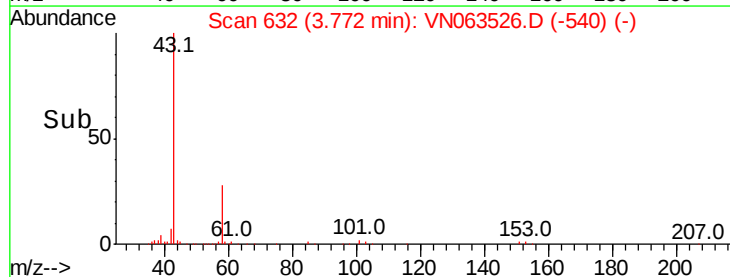
150000

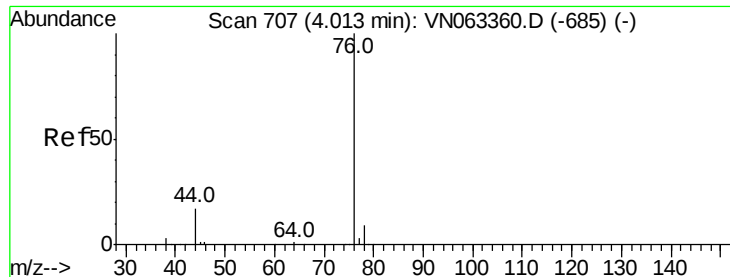
100000

50000

0

Time-->

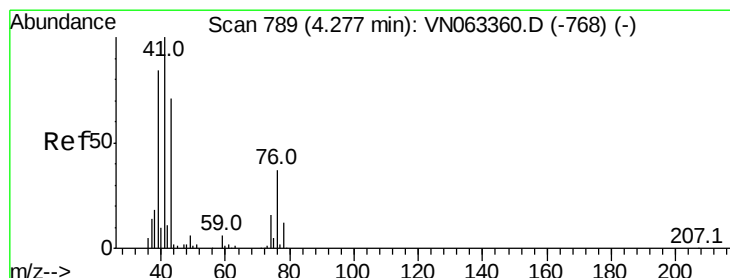
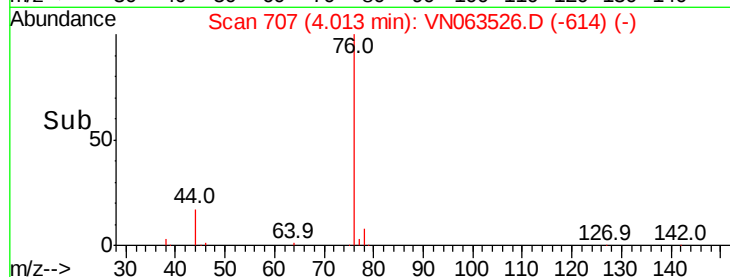
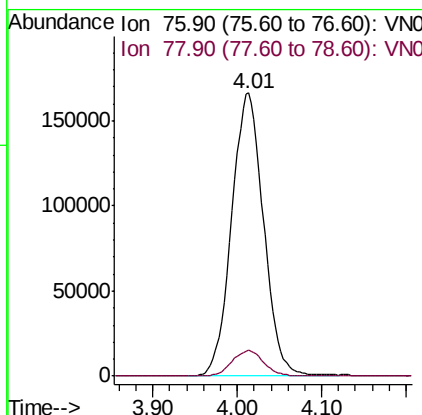
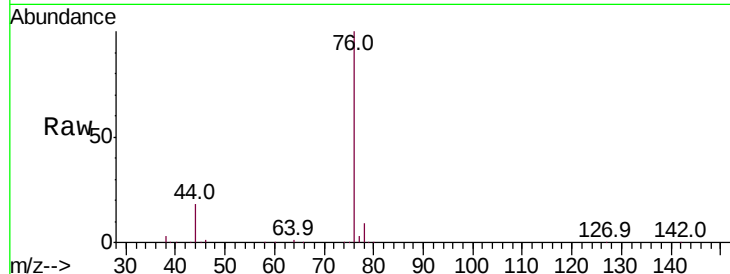




#17
Carbon Disulfide
Concen: 44.626 ug/l
RT: 4.01 min Scan# 707
Delta R.T. -0.00 min
Lab File: VN063526.D
Acq: 22 Sep 2020 12:08

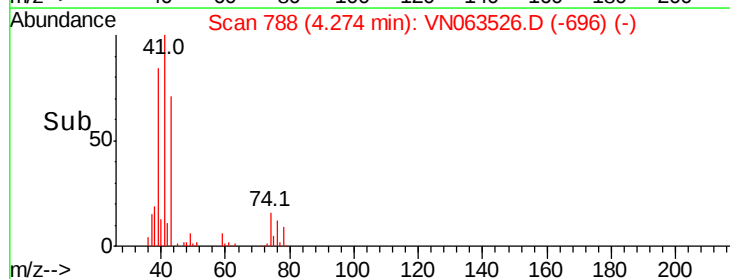
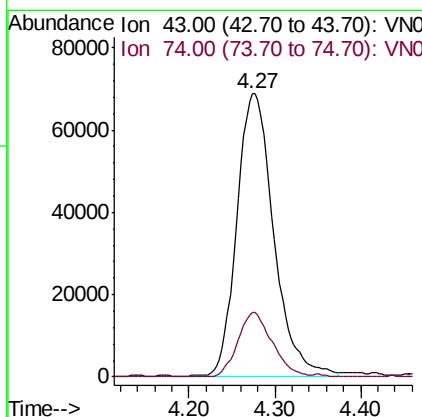
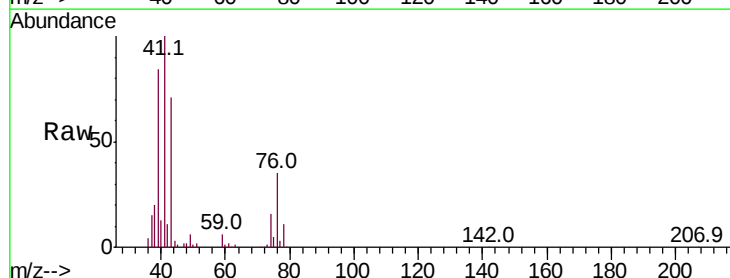
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

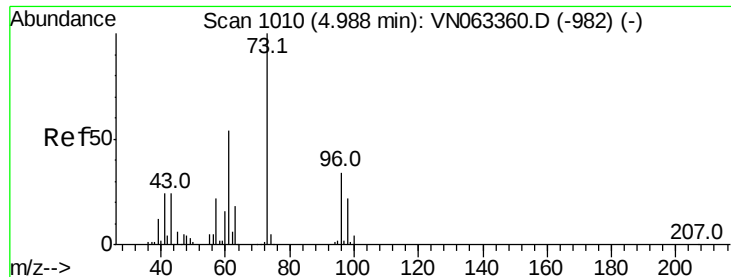
Tot Ion: 76 Resp: 438881
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 49.066 ug/l
RT: 4.27 min Scan# 788
Delta R.T. -0.00 min
Lab File: VN063526.D
Acq: 22 Sep 2020 12:08

Tgt Ion: 43 Resp: 204167
Ion Ratio Lower Upper
43 100
74 21.5 17.4 26.2

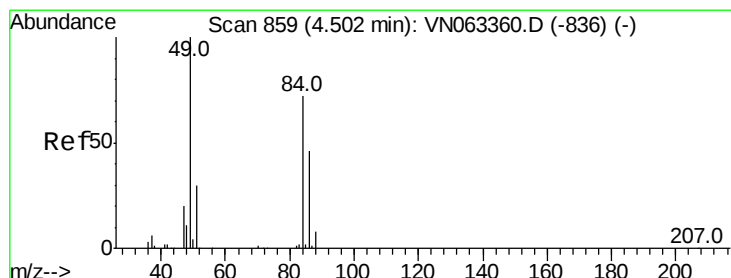
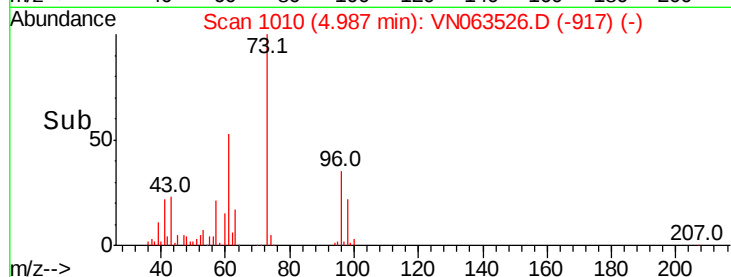
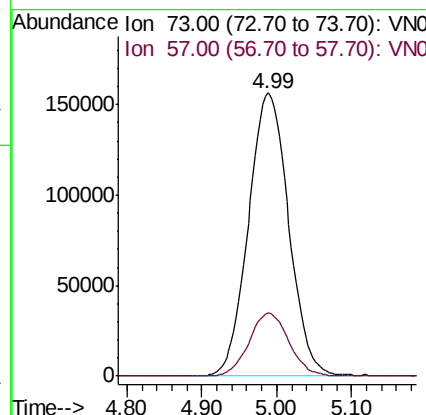
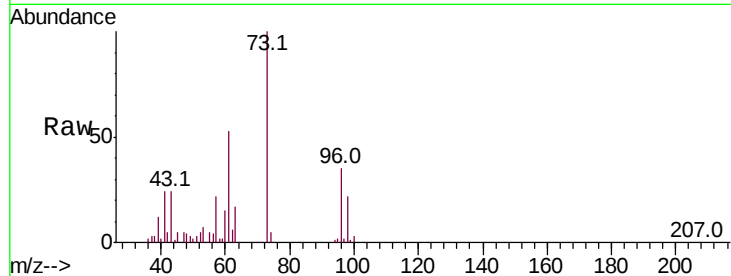




#19
Methvl tert-butvl Ether
Concen: 46.373 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. -0.00 min
Lab File: VN063526.D
Acq: 22 Sep 2020 12:08

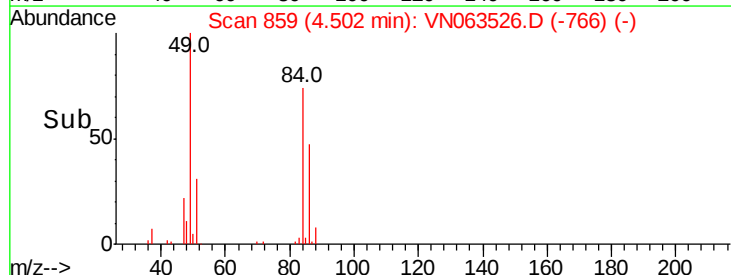
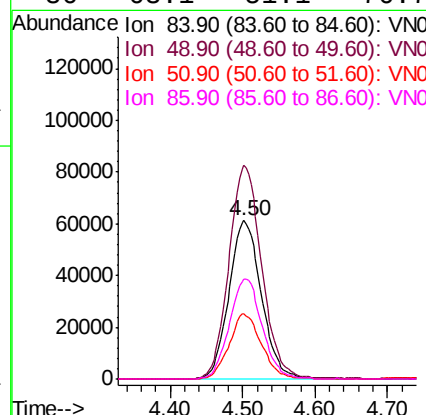
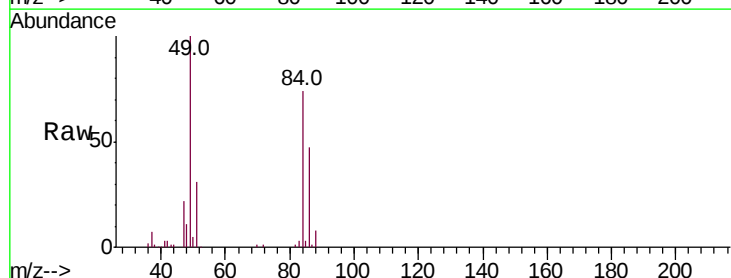
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

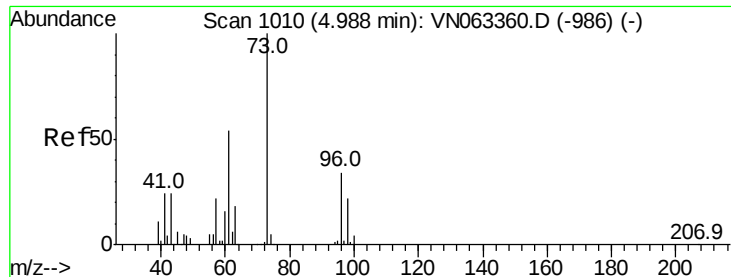
Tot Ion: 73 Resp: 584350
Ion Ratio Lower Upper
73 100
57 22.3 17.9 26.9



#20
Methylene Chloride
Concen: 46.008 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN063526.D
Acq: 22 Sep 2020 12:08

Tgt Ion: 84 Resp: 191061
Ion Ratio Lower Upper
84 100
49 135.0 110.7 166.1
51 41.2 32.9 49.3
86 63.1 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 46.614 ug/l

RT: 4.99 min Scan# 1011

Delta R.T. 0.00 min

Lab File: VN063526.D

Acq: 22 Sep 2020 12:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

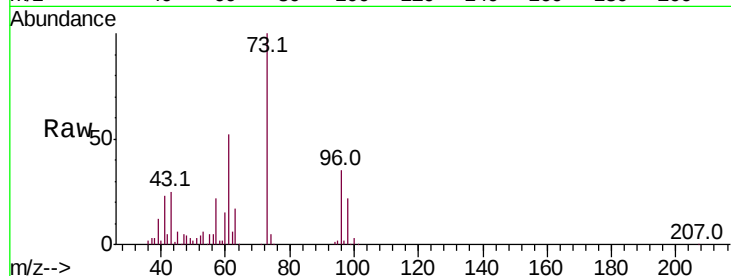
Tot Ion: 96 Resp: 174611

Ion Ratio Lower Upper

96 100

61 148.9 126.2 189.4

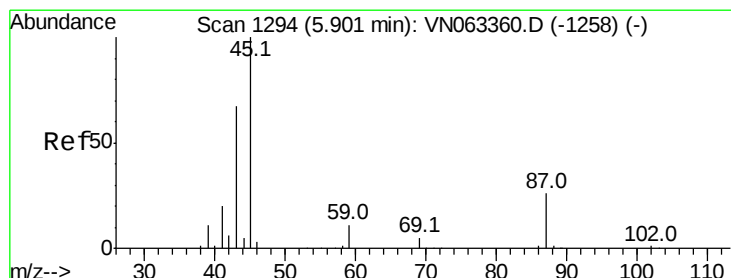
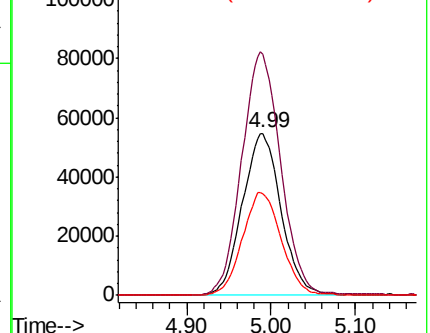
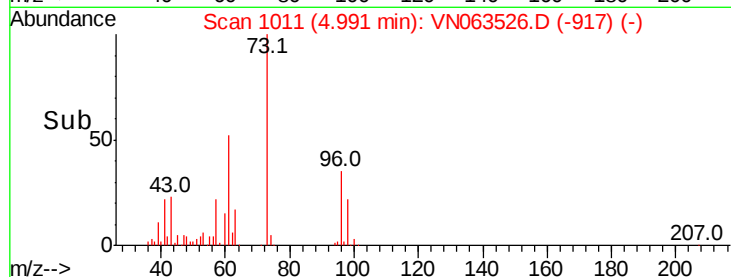
98 62.5 51.0 76.4



Abundance Ion 95.90 (95.60 to 96.60): VN063360.D (-986) (-)

Ion 60.90 (60.60 to 61.60): VN063360.D (-986) (-)

Ion 97.90 (97.60 to 98.60): VN063360.D (-986) (-)



#22

Diisopropyl ether

Concen: 46.578 ug/l

RT: 5.90 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VN063526.D

Acq: 22 Sep 2020 12:08

Tgt Ion: 45 Resp: 635303

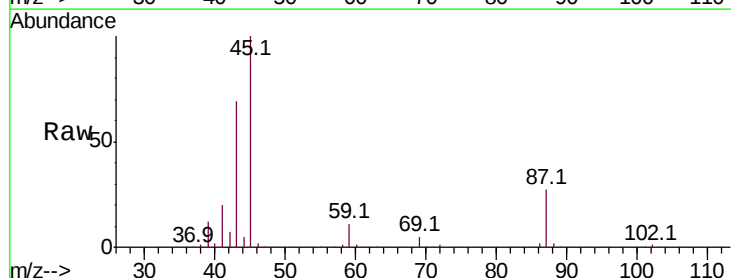
Ion Ratio Lower Upper

45 100

43 67.1 53.5 80.3

87 26.7 21.2 31.8

59 11.2 8.8 13.2

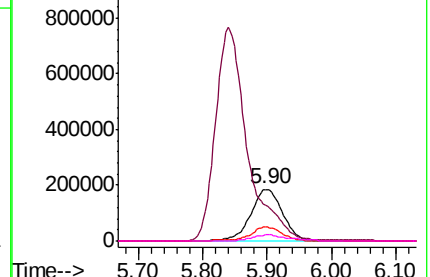
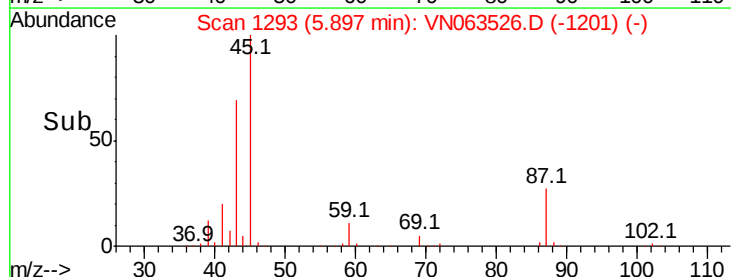


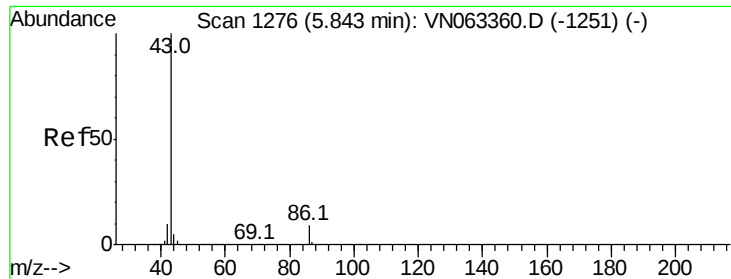
Abundance Ion 45.00 (44.70 to 45.70): VN063360.D (-1258) (-)

Ion 43.00 (42.70 to 43.70): VN063360.D (-1258) (-)

Ion 87.00 (86.70 to 87.70): VN063360.D (-1258) (-)

Ion 59.00 (58.70 to 59.70): VN063360.D (-1258) (-)





#23

Vinyl Acetate

Concen: 235.174 ug/l

RT: 5.84 min Scan# 1275

Delta R.T. -0.00 min

Lab File: VN063526.D

Acq: 22 Sep 2020 12:08

Instrument :

MSVOA_N

ClientSampleId :

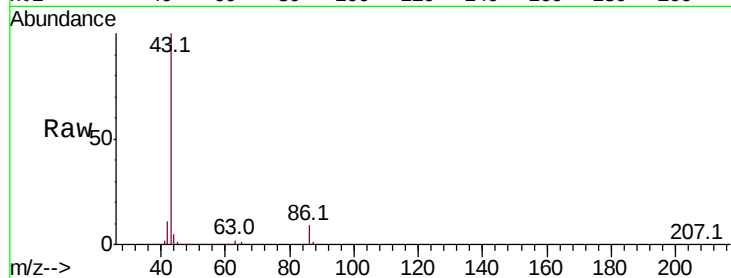
VSTDCCC050

Tot Ion: 43 Resp: 2634350

Ion Ratio Lower Upper

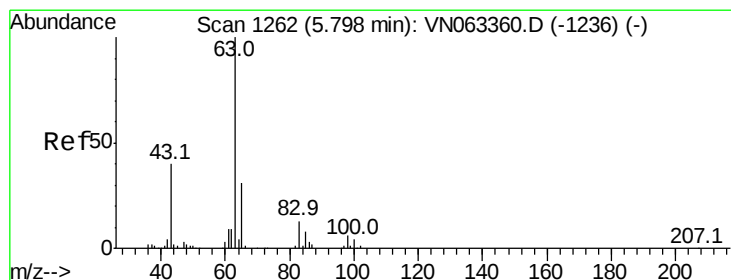
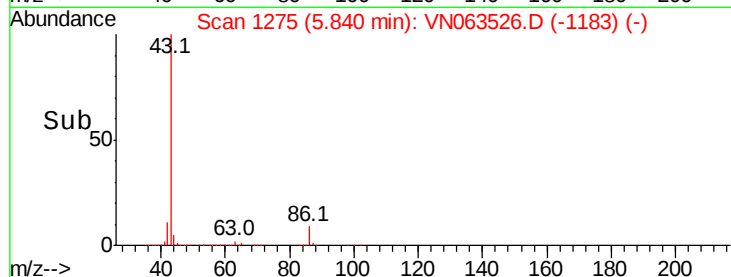
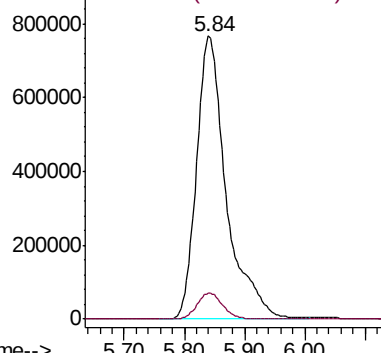
43 100

86 9.0 7.1 10.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 46.609 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. -0.00 min

Lab File: VN063526.D

Acq: 22 Sep 2020 12:08

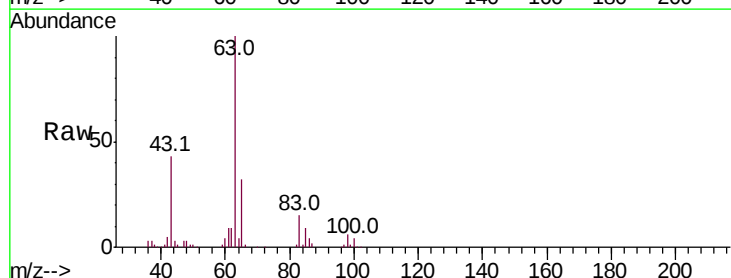
Tgt Ion: 63 Resp: 347075

Ion Ratio Lower Upper

63 100

98 6.0 2.9 8.8

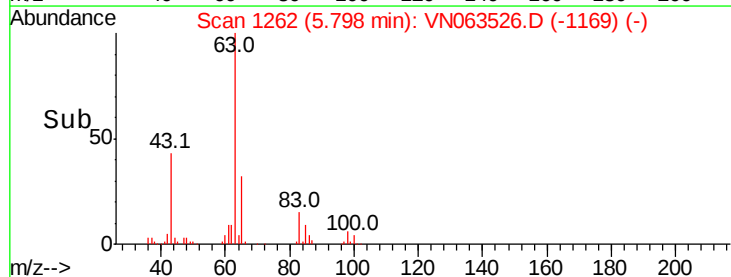
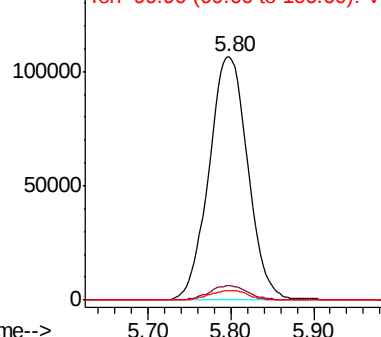
100 3.9 2.1 6.3

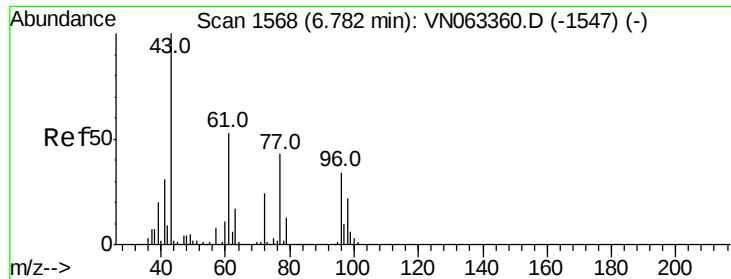


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 236.444 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VN063526.D

Acq: 22 Sep 2020 12:08

Instrument :

MSVOA_N

ClientSampleId :

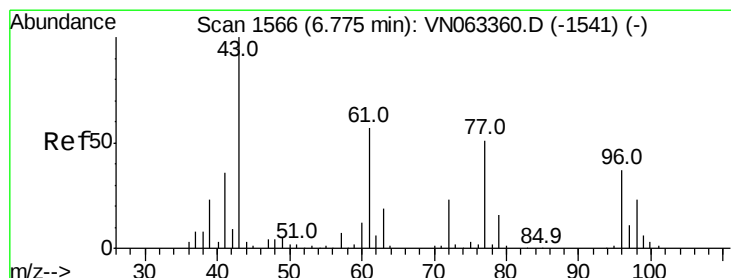
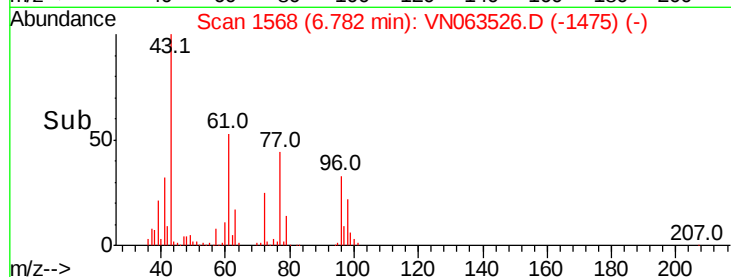
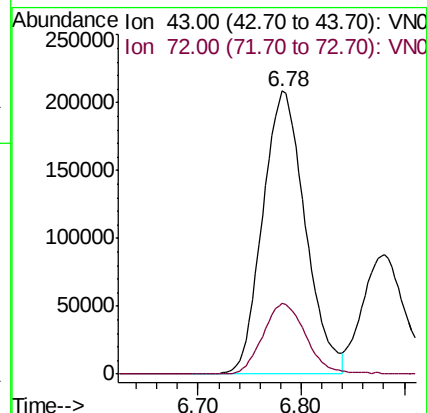
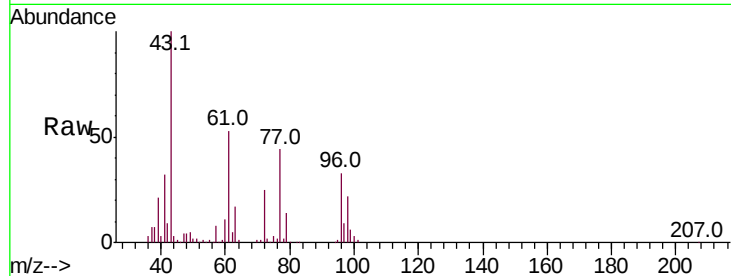
VSTDCCC050

Tot Ion: 43 Resp: 596045

Ion Ratio Lower Upper

43 100

72 24.9 19.2 28.8



#26

2,2-Dichloropropane

Concen: 47.364 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VN063526.D

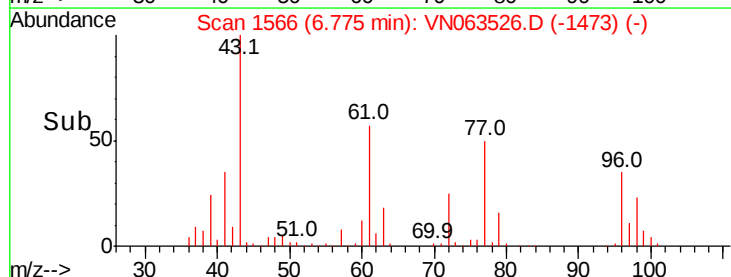
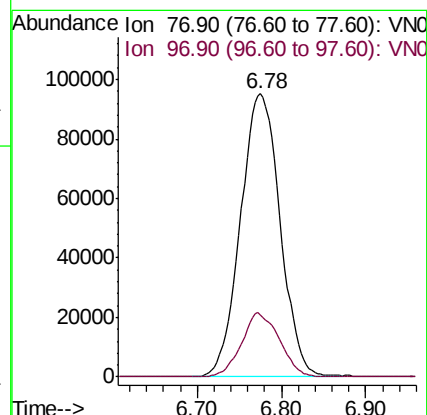
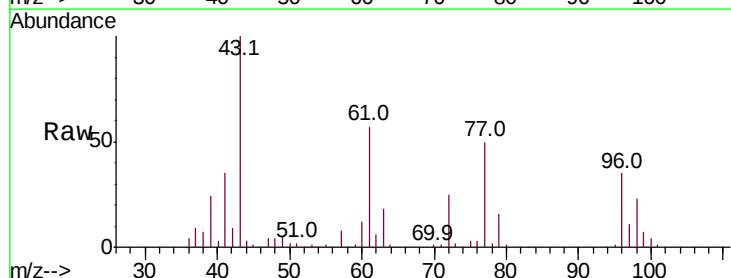
Acq: 22 Sep 2020 12:08

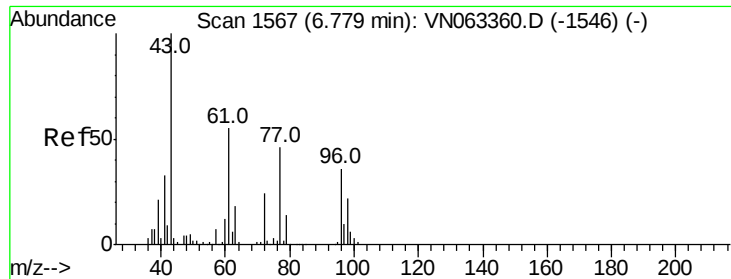
Tgt Ion: 77 Resp: 310530

Ion Ratio Lower Upper

77 100

97 21.8 10.5 31.6

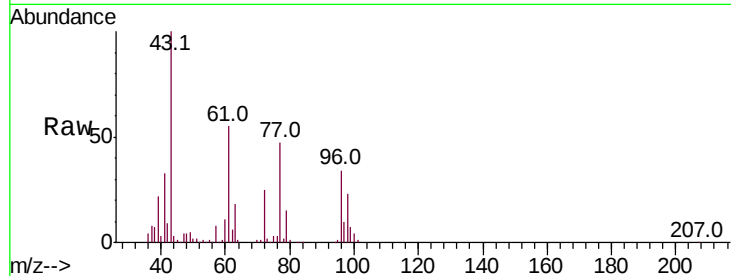




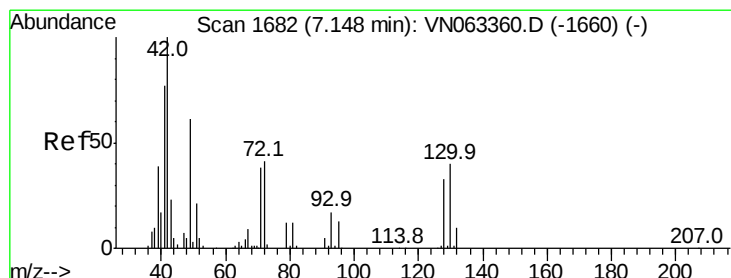
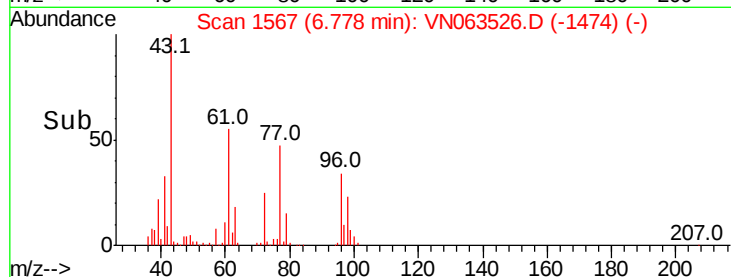
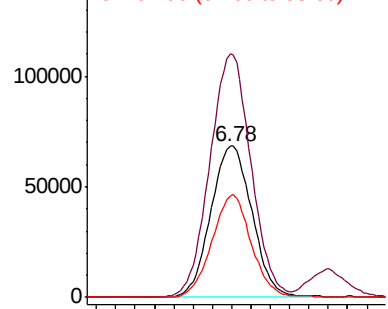
#27
 cis-1,2-Dichloroethene
 Concen: 47.799 ug/l
 RT: 6.78 min Scan# 1567
 Delta R.T. -0.00 min
 Lab File: VN063526.D
 Acq: 22 Sep 2020 12:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	161.0	0.0	319.6
98	65.0	0.0	127.8

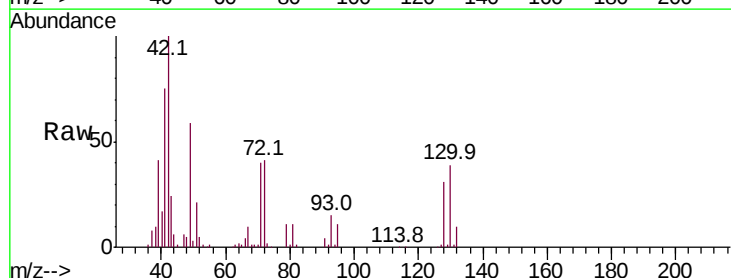


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

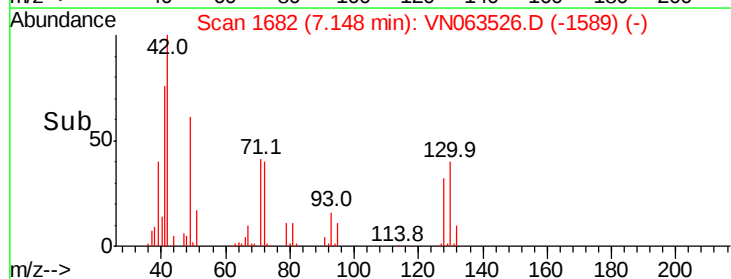
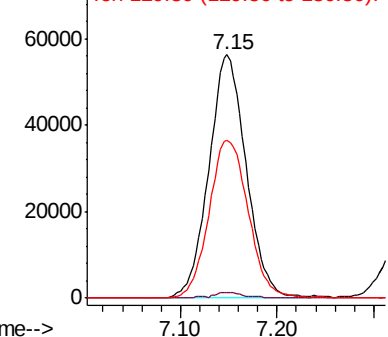


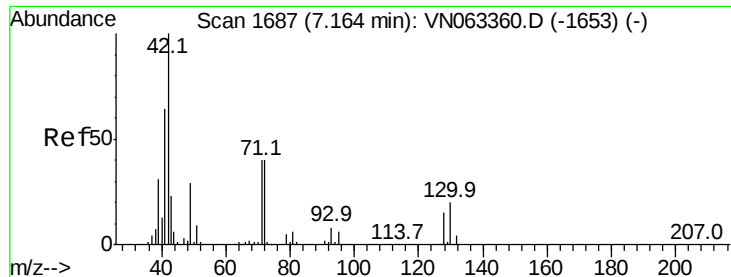
#28
 Bromochloromethane
 Concen: 43.915 ug/l
 RT: 7.15 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: VN063526.D
 Acq: 22 Sep 2020 12:08

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.8
130	68.2	52.2	78.2



Abundance Ion 48.90 (48.60 to 49.60): VN0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V

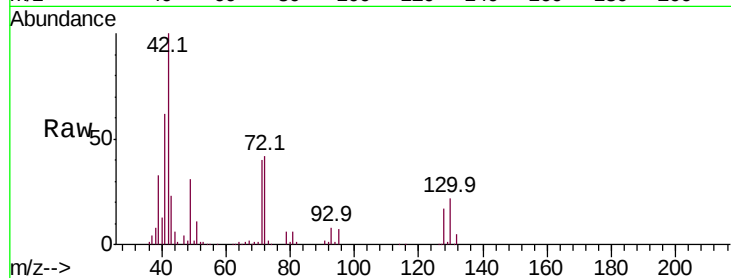




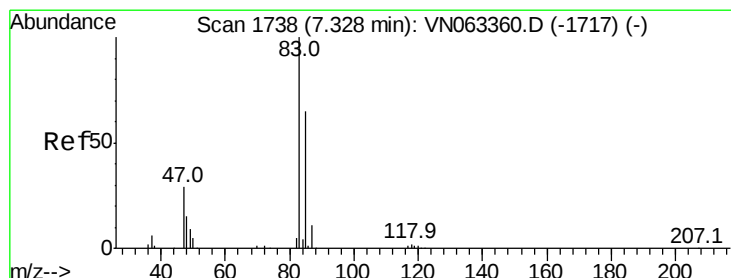
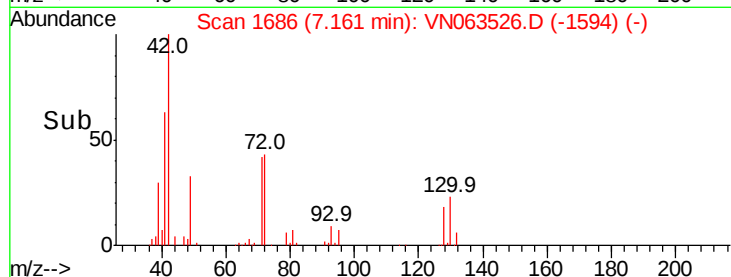
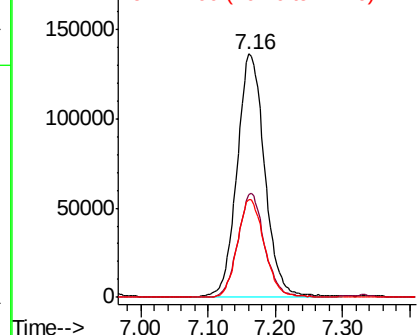
#29
Tetrahydrofuran
Concen: 224.501 ug/l
RT: 7.16 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VN063526.D
Acq: 22 Sep 2020 12:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 42 Resp: 386523
Ion Ratio Lower Upper
42 100
72 41.2 32.1 48.1
71 39.6 31.2 46.8

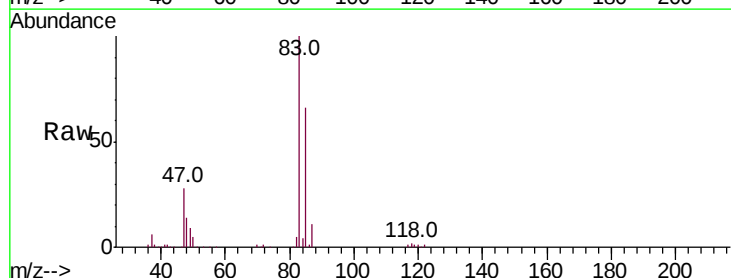


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

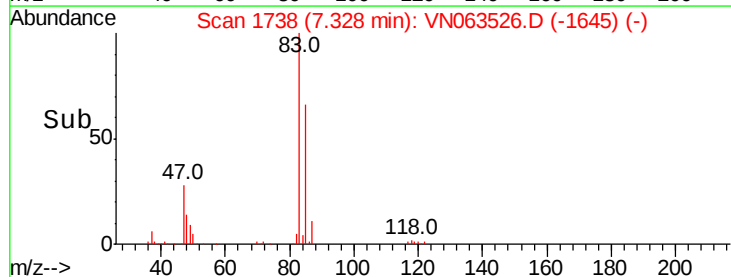
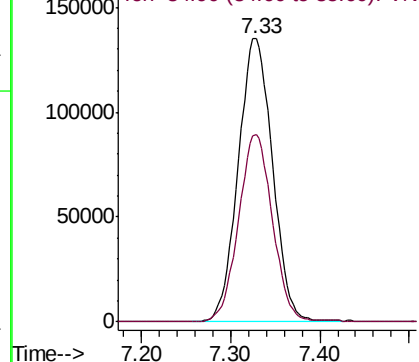


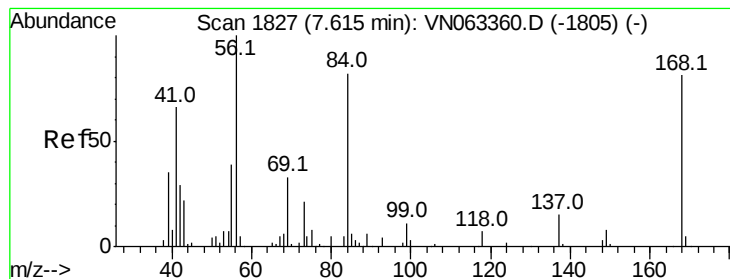
#30
Chloroform
Concen: 48.269 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VN063526.D
Acq: 22 Sep 2020 12:08

Tgt Ion: 83 Resp: 360620
Ion Ratio Lower Upper
83 100
85 66.3 52.1 78.1



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





#31

Cyclohexane

Concen: 42.505 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VN063526.D

Acq: 22 Sep 2020 12:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

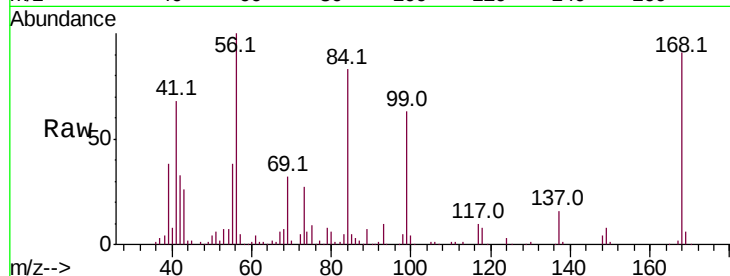
Tot Ion: 56 Resp: 299396

Ion Ratio Lower Upper

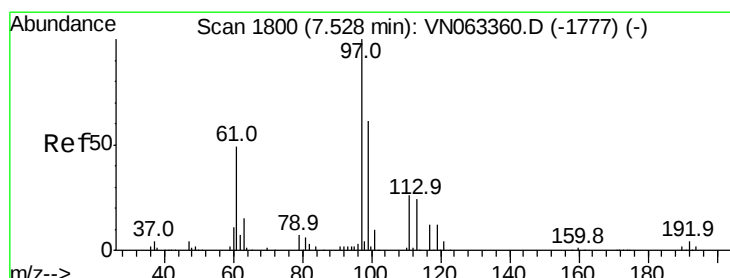
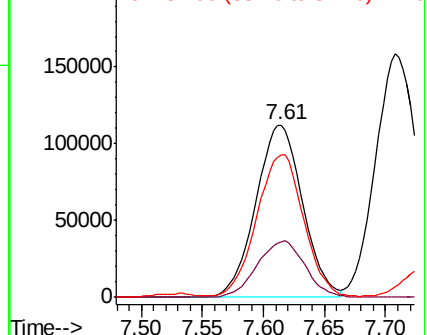
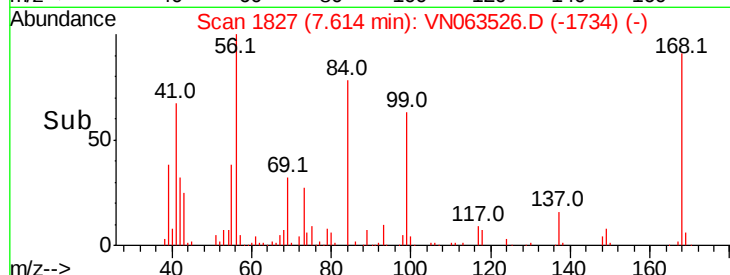
56 100

69 32.4 26.1 39.1

84 81.0 65.4 98.2



Abundance Ion 56.00 (55.70 to 56.70): VN063526.D (-1734) (-)



#32

1,1,1-Trichloroethane

Concen: 48.306 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VN063526.D

Acq: 22 Sep 2020 12:08

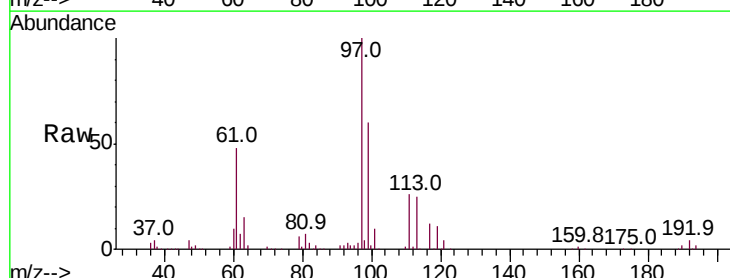
Tgt Ion: 97 Resp: 320992

Ion Ratio Lower Upper

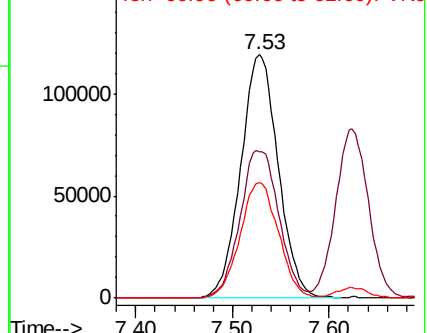
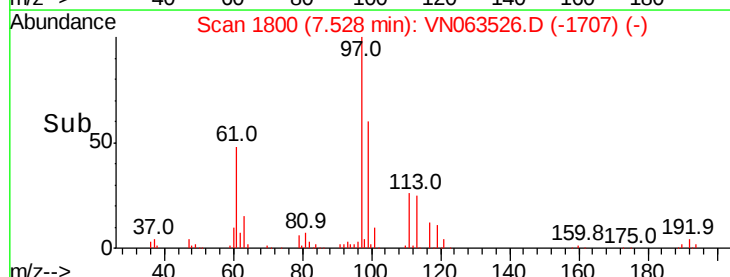
97 100

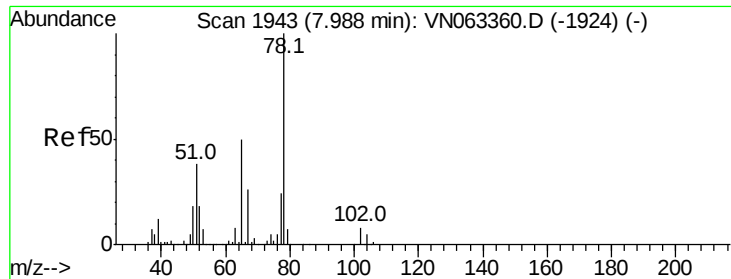
99 63.2 50.6 76.0

61 48.7 39.2 58.8



Abundance Ion 96.90 (96.60 to 97.60): VN063526.D (-1707) (-)





#33

1,2-Dichloroethane-d4

Concen: 44.671 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN063526.D

Acq: 22 Sep 2020 12:08

Instrument :

MSVOA_N

ClientSampleId :

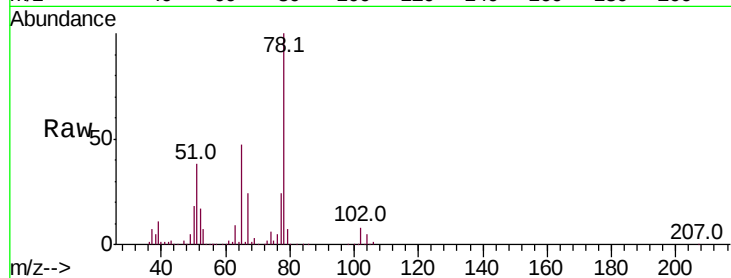
VSTDCCC050

Tot Ion: 65 Resp: 227825

Ion Ratio Lower Upper

65 100

67 50.8 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VN063360.D (-1924) (-)

Ion 66.90 (66.60 to 67.60): VN063360.D (-1924) (-)

7.99

100000

80000

60000

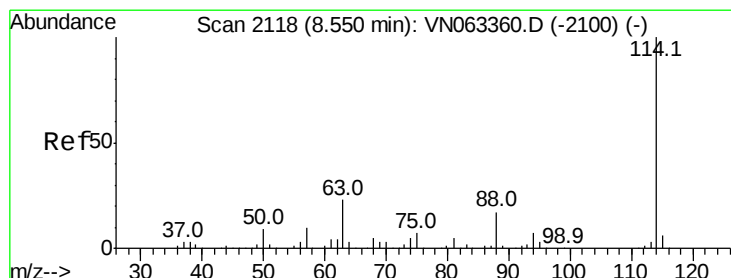
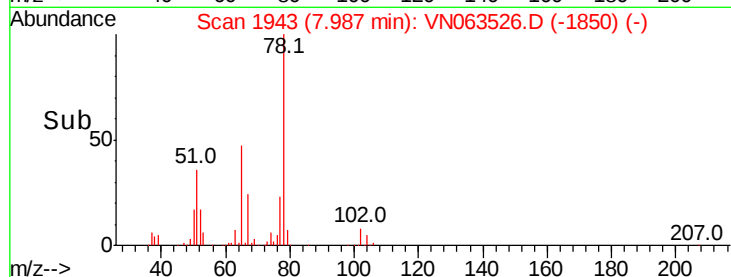
40000

20000

0

7.90 7.95 8.00 8.05

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN063526.D

Acq: 22 Sep 2020 12:08

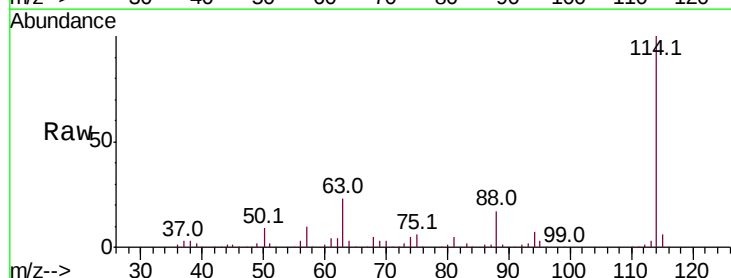
Tgt Ion: 114 Resp: 502602

Ion Ratio Lower Upper

114 100

63 22.6 0.0 46.4

88 17.1 0.0 33.2



Abundance Ion 113.90 (113.60 to 114.60): VN063360.D (-2100) (-)

Ion 63.00 (62.70 to 63.70): VN063360.D (-2100) (-)

Ion 87.90 (87.60 to 88.60): VN063360.D (-2100) (-)

8.55

300000

250000

200000

150000

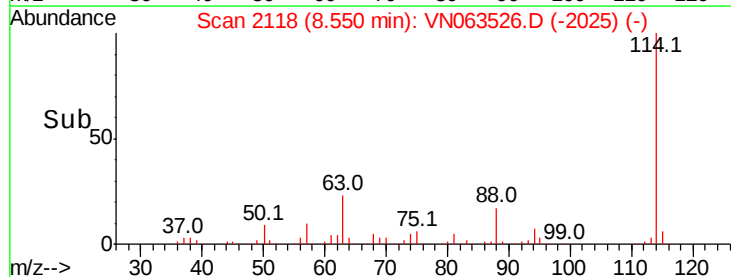
100000

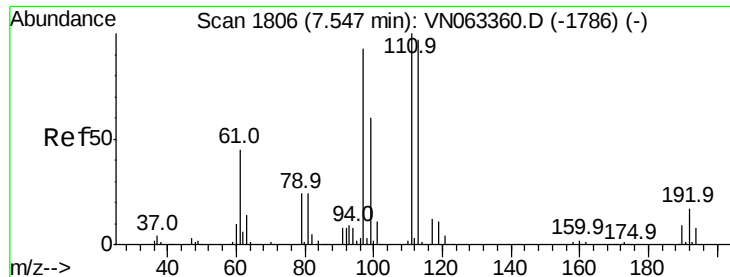
50000

0

8.50 8.55 8.60 8.65

Time-->





#35

Dibromofluoromethane

Concen: 46.478 ug/l

RT: 7.55 min Scan# 1806

Delta R.T. -0.00 min

Lab File: VN063526.D

Acq: 22 Sep 2020 12:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

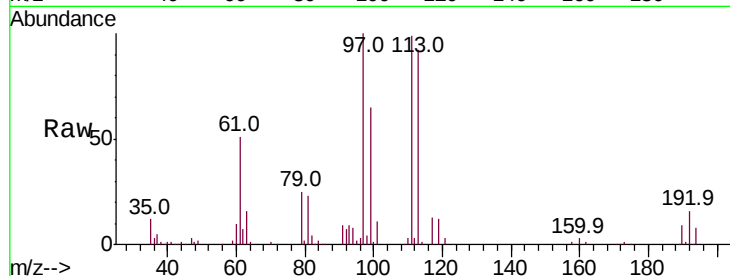
Tot Ion:113 Resp: 161715

Ion Ratio Lower Upper

113 100

111 104.4 82.9 124.3

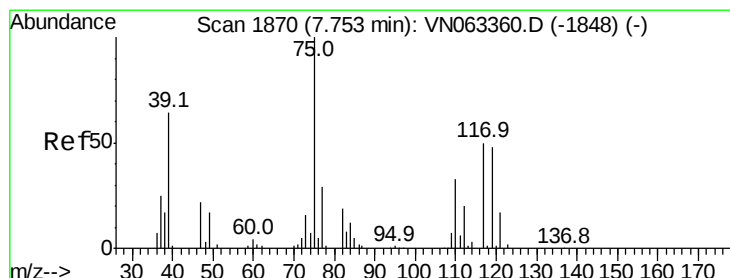
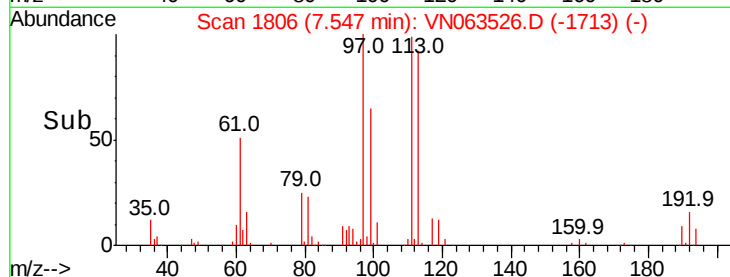
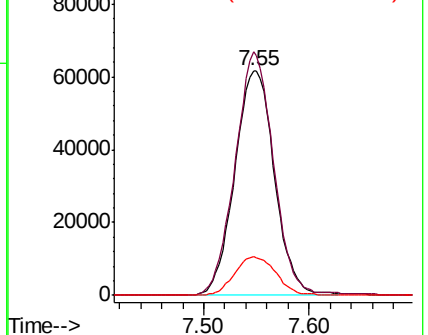
192 17.9 13.9 20.9



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 49.904 ug/l

RT: 7.75 min Scan# 1869

Delta R.T. -0.00 min

Lab File: VN063526.D

Acq: 22 Sep 2020 12:08

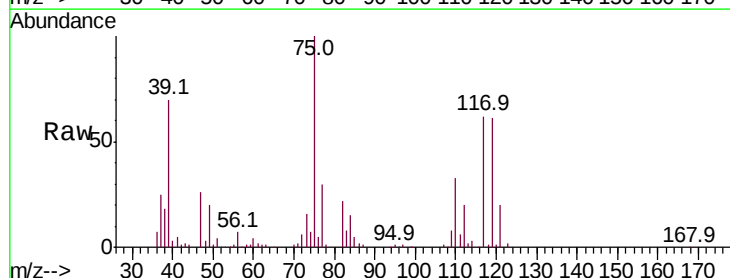
Tgt Ion: 75 Resp: 267213

Ion Ratio Lower Upper

75 100

110 32.6 16.5 49.5

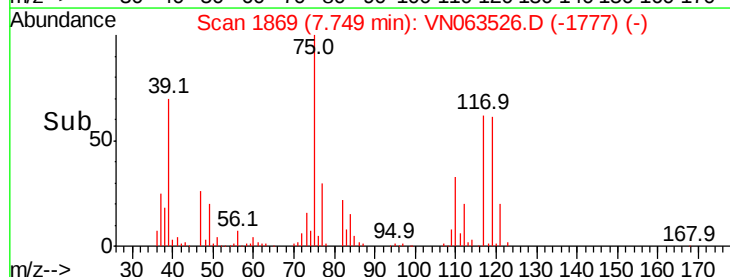
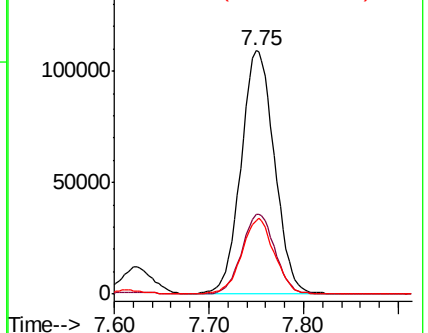
77 30.6 24.6 36.8

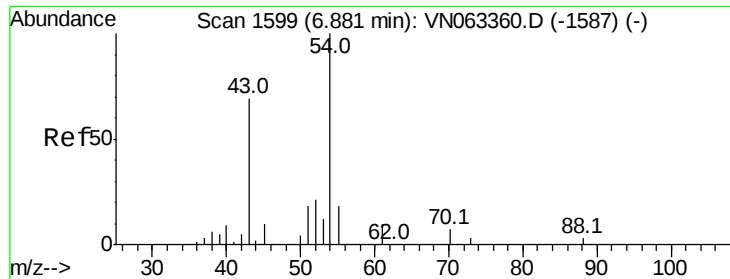


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V





#37

Ethyl Acetate

Concen: 48.162 ug/l

RT: 6.88 min Scan# 1599

Delta R.T. -0.00 min

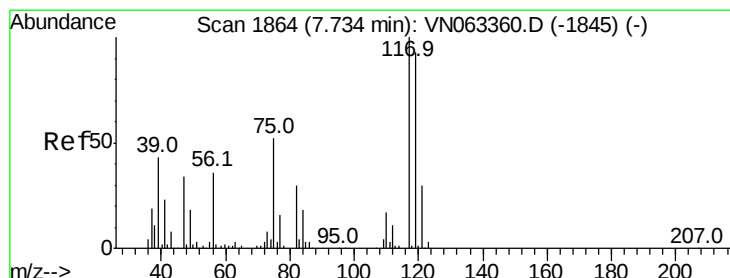
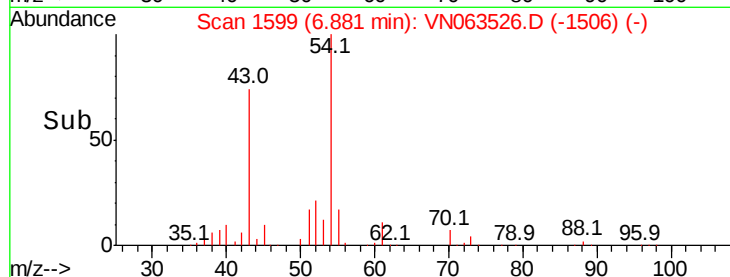
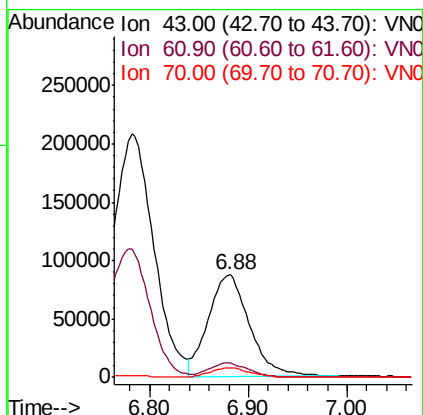
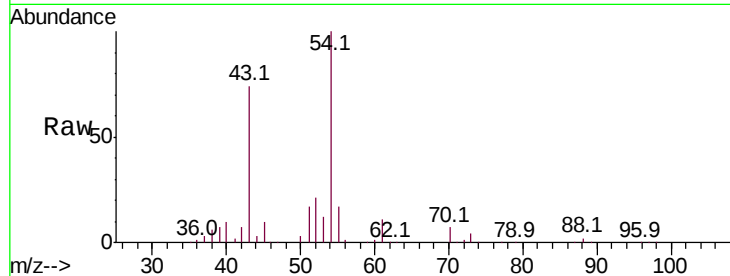
Lab File: VN063526.D

Acq: 22 Sep 2020 12:08

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion: 43 Resp: 253102

Ion	Ratio	Lower	Upper
43	100		
61	13.5	10.6	15.8
70	9.2	7.2	10.8



#38

Carbon Tetrachloride

Concen: 50.267 ug/l

RT: 7.73 min Scan# 1864

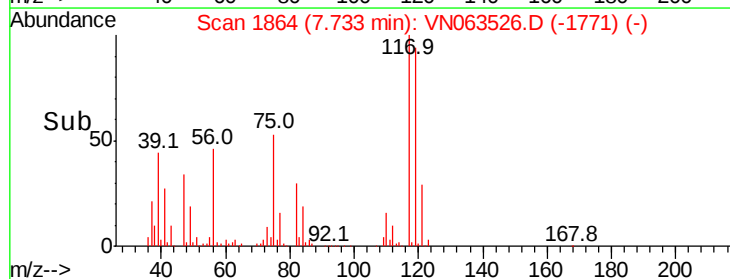
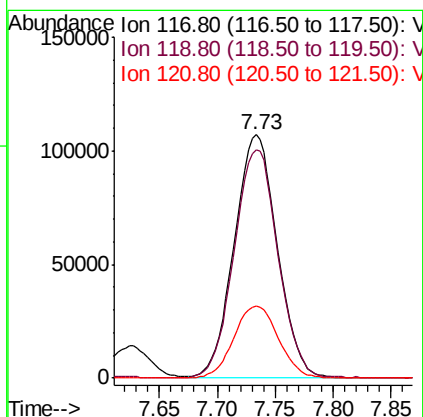
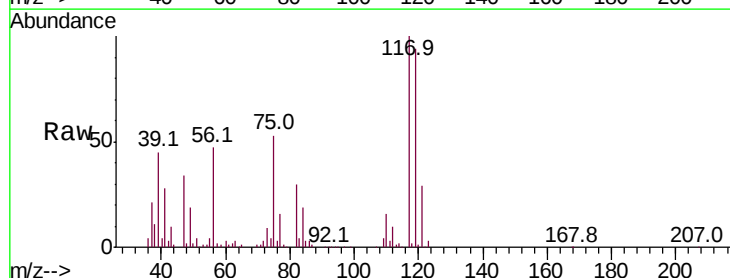
Delta R.T. -0.00 min

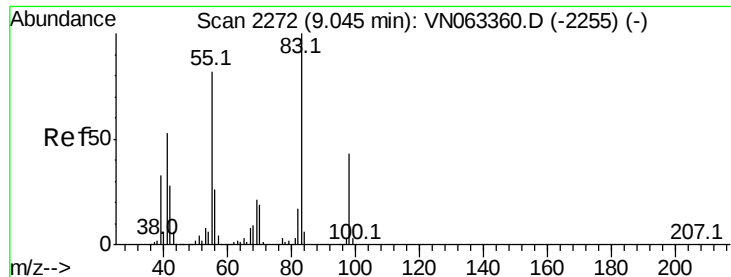
Lab File: VN063526.D

Acq: 22 Sep 2020 12:08

Tgt Ion: 117 Resp: 274752

Ion	Ratio	Lower	Upper
117	100		
119	93.6	74.5	111.7
121	29.6	24.1	36.1

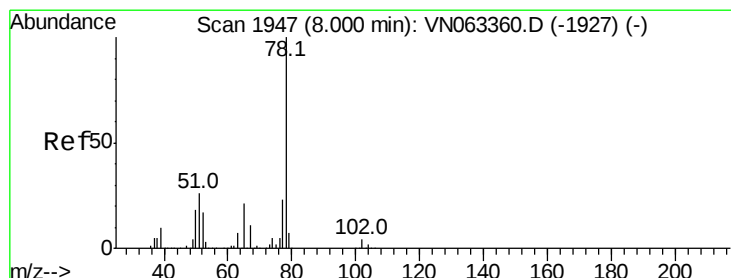
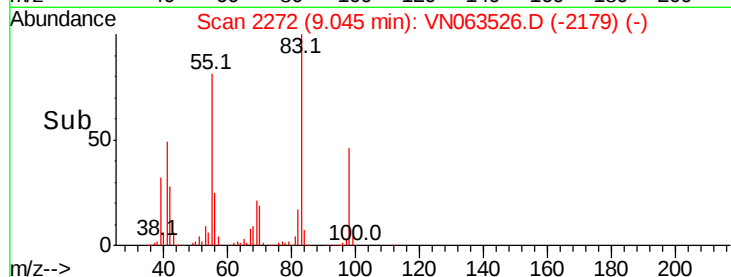
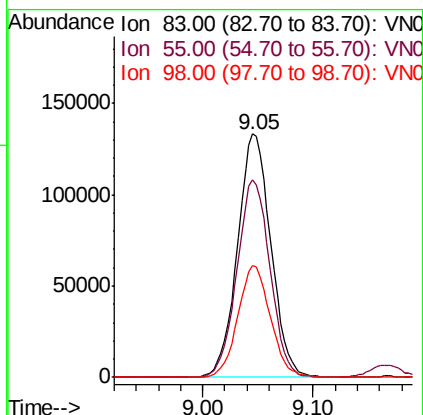
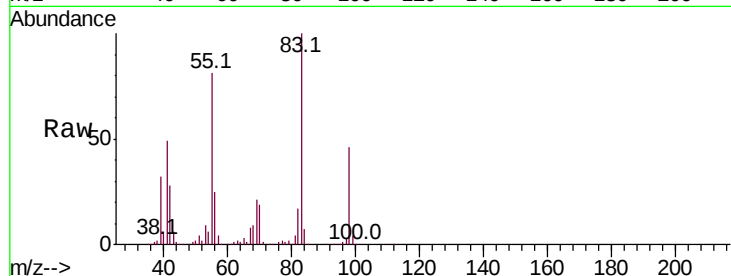




#39
Methvlcvclohexane
Concen: 47.980 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN063526.D
Acq: 22 Sep 2020 12:08

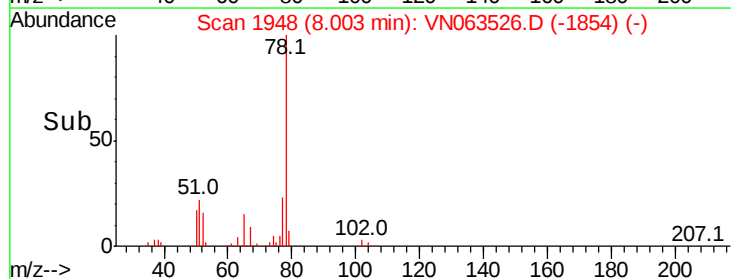
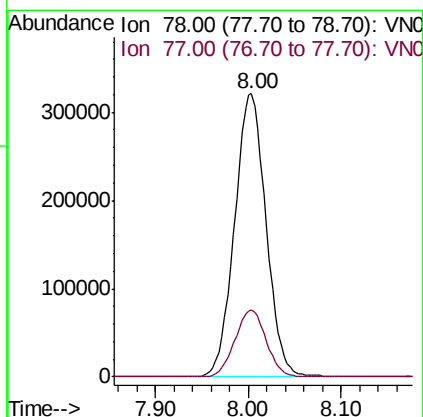
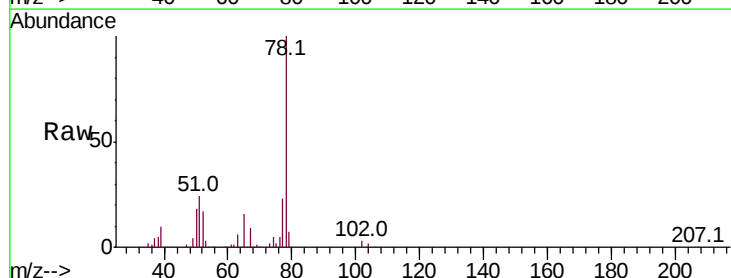
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

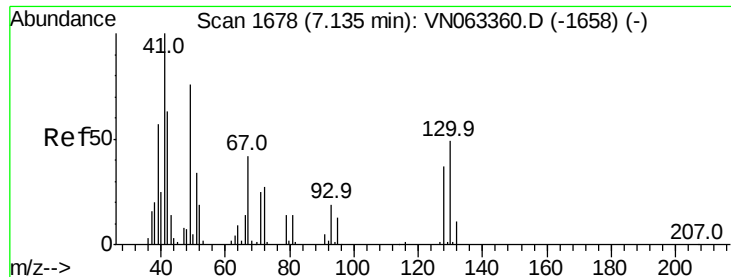
Tot Ion: 83 Resp: 278830
Ion Ratio Lower Upper
83 100
55 81.1 65.5 98.3
98 45.8 34.2 51.4



#40
Benzene
Concen: 49.325 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063526.D
Acq: 22 Sep 2020 12:08

Tgt Ion: 78 Resp: 753942
Ion Ratio Lower Upper
78 100
77 23.5 18.3 27.5

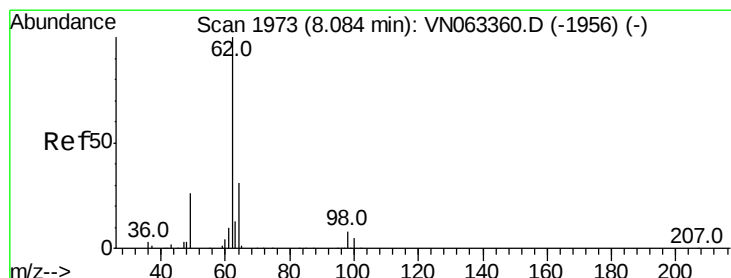
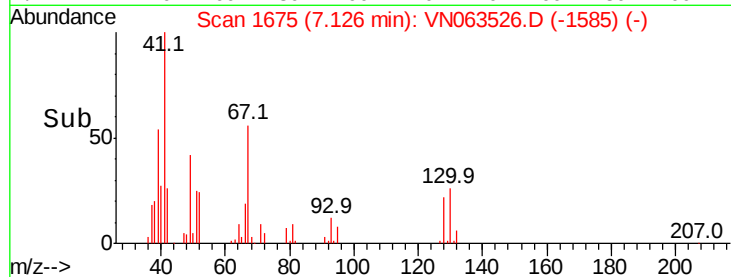
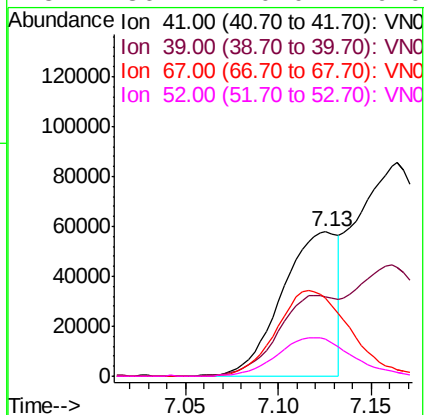
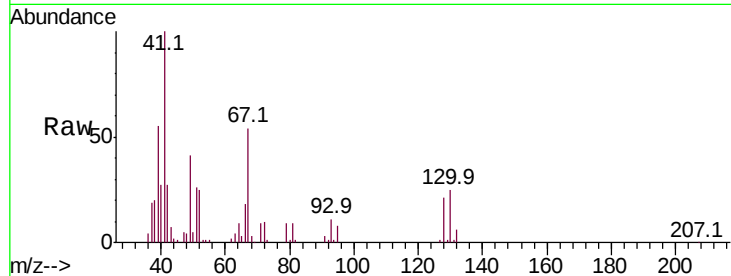




#41
Methacrylonitrile
Concen: 51.055 ug/l
RT: 7.13 min Scan# 1675
Delta R.T. -0.01 min
Lab File: VN063526.D
Acq: 22 Sep 2020 12:08

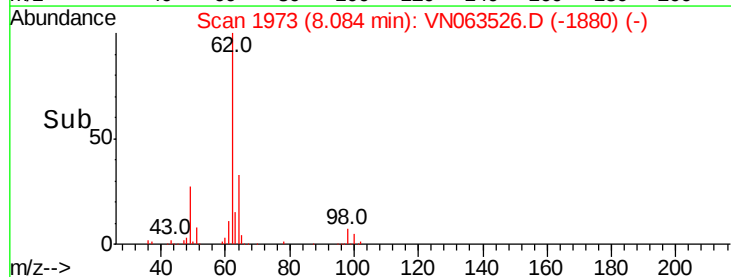
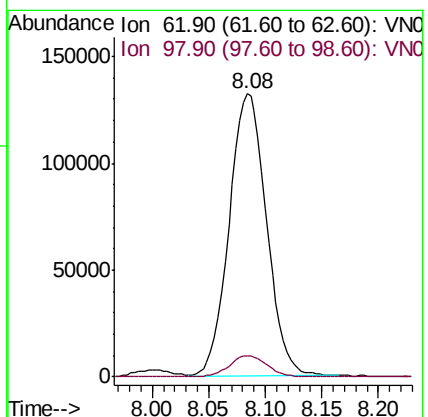
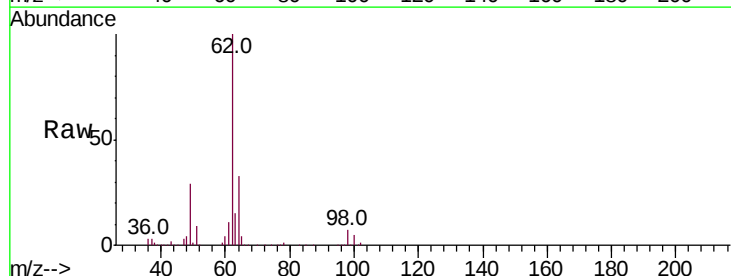
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

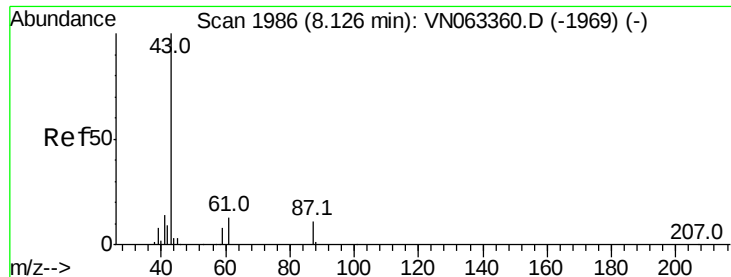
Tot Ion: 41 Resp: 120673
Ion Ratio Lower Upper
41 100
39 57.9 0.0 0.0#
67 78.3 0.0 0.0#
52 36.1 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 49.465 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN063526.D
Acq: 22 Sep 2020 12:08

Tgt Ion: 62 Resp: 304056
Ion Ratio Lower Upper
62 100
98 7.6 0.0 15.6





#43

Isopropyl Acetate

Concen: 46.825 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN063526.D

Acq: 22 Sep 2020 12:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

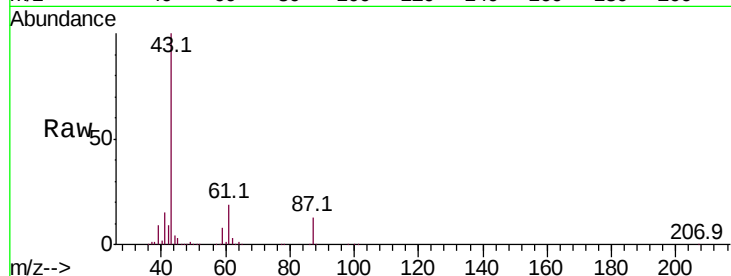
Tot Ion: 43 Resp: 440006

Ion Ratio Lower Upper

43 100

61 18.4 14.2 21.2

87 11.9 9.0 13.6

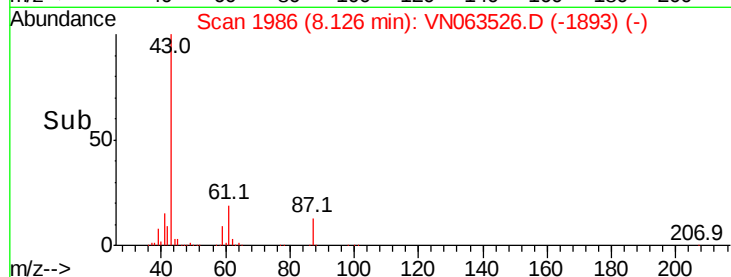


Abundance Ion 43.00 (42.70 to 43.70): VN063360.D (-1969) (-)

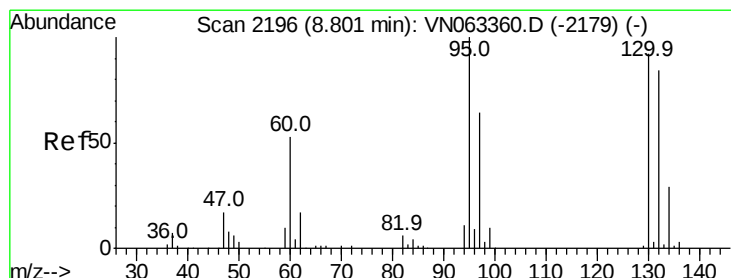
Ion 61.00 (60.70 to 61.70): VN063360.D (-1969) (-)

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

8.13



Time-->



#44

Trichloroethene

Concen: 51.834 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN063526.D

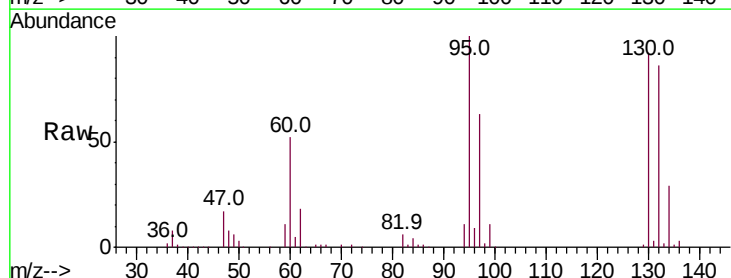
Acq: 22 Sep 2020 12:08

Tgt Ion: 130 Resp: 192166

Ion Ratio Lower Upper

130 100

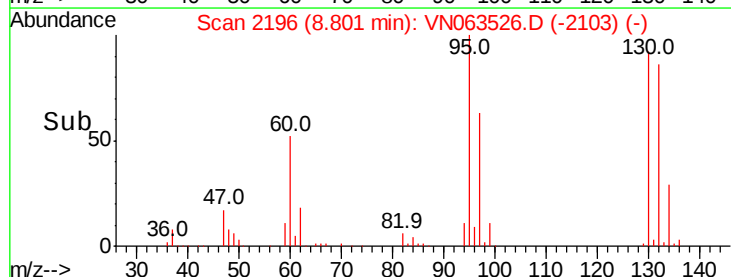
95 109.2 0.0 217.4



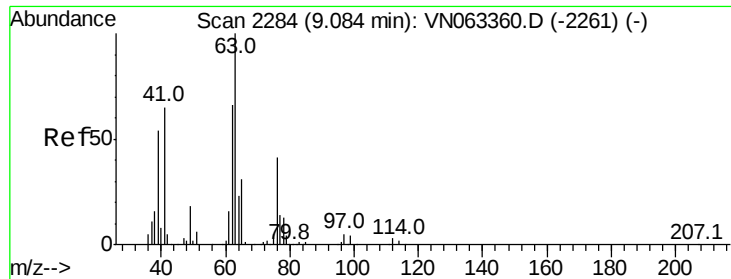
Abundance Ion 129.80 (129.50 to 130.50): VN063360.D (-2179) (-)

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

8.80



Time-->



#45

1,2-Dichloropropane

Concen: 49.087 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN063526.D

Acq: 22 Sep 2020 12:08

Instrument :

MSVOA_N

ClientSampleId :

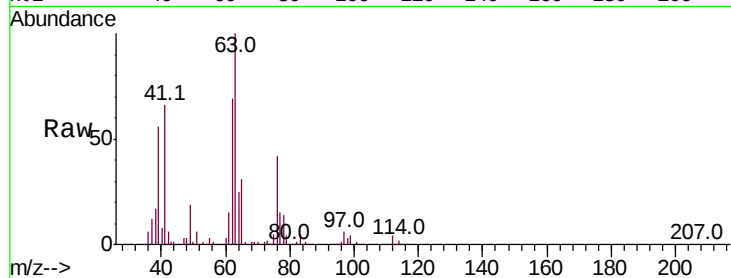
VSTDCCC050

Tot Ion: 63 Resp: 204351

Ion Ratio Lower Upper

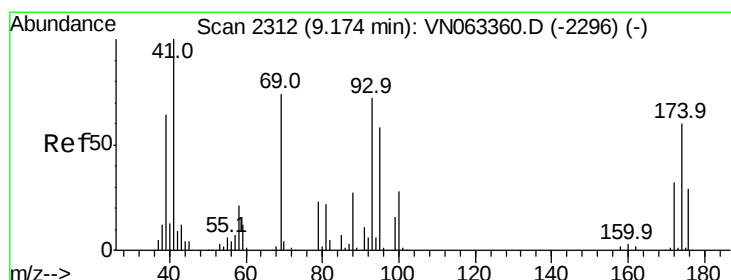
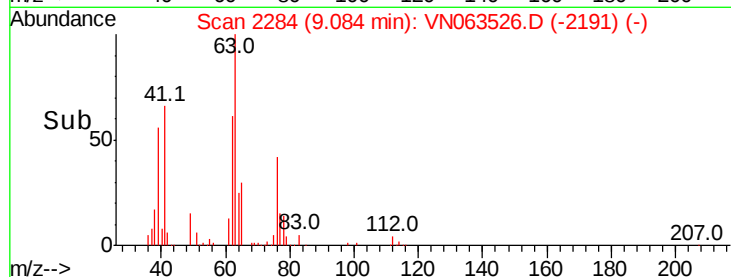
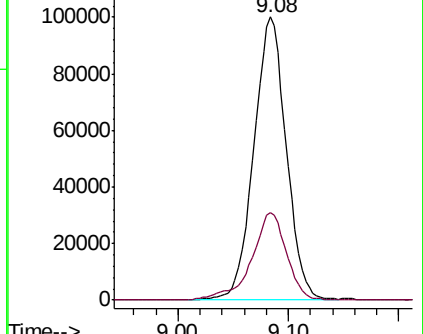
63 100

65 31.0 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 50.678 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN063526.D

Acq: 22 Sep 2020 12:08

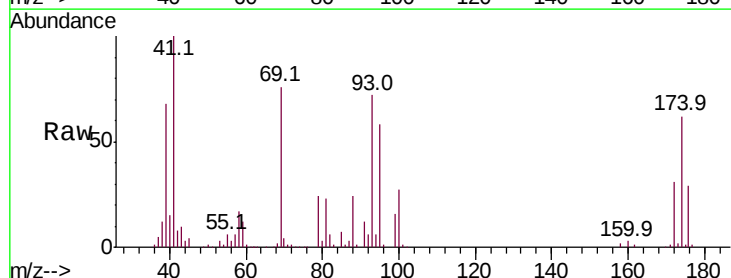
Tgt Ion: 93 Resp: 138663

Ion Ratio Lower Upper

93 100

95 81.6 65.6 98.4

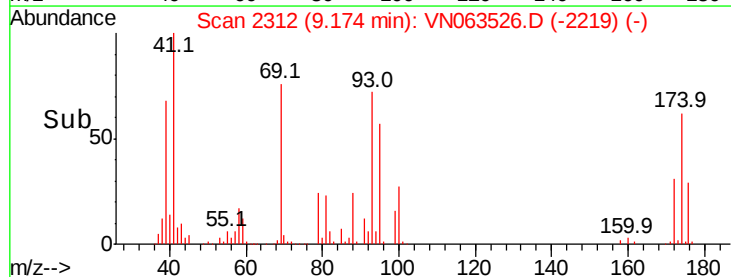
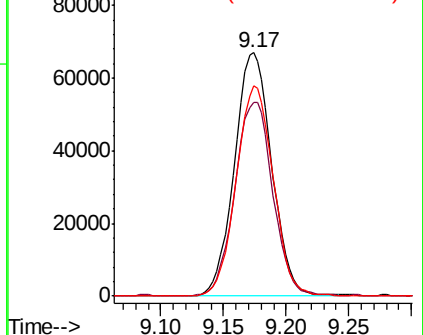
174 85.7 68.1 102.1

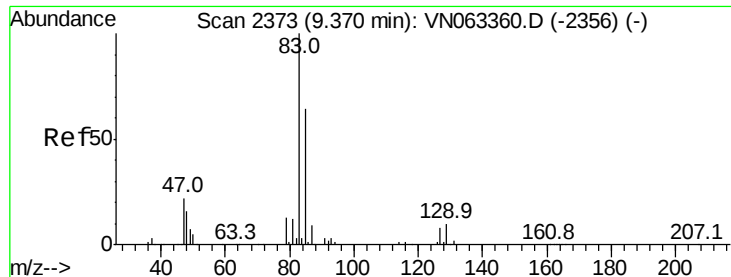


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 50.835 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN063526.D

Acq: 22 Sep 2020 12:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

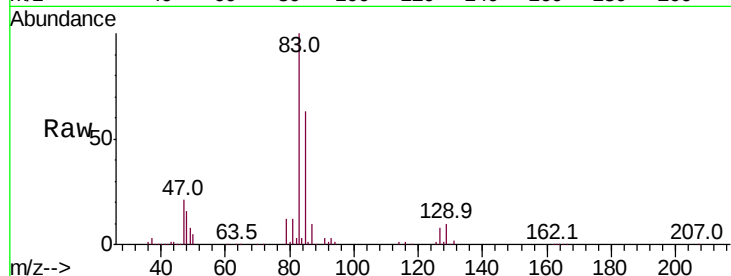
Tot Ion: 83 Resp: 288962

Ion Ratio Lower Upper

83 100

85 62.9 51.0 76.6

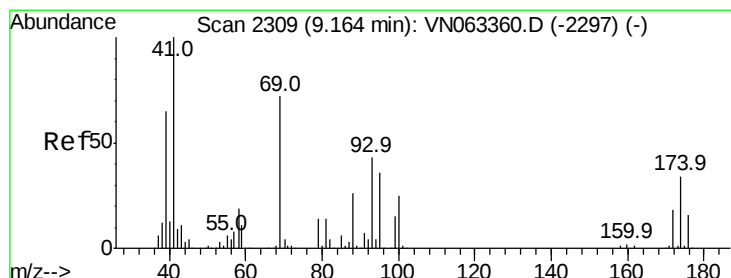
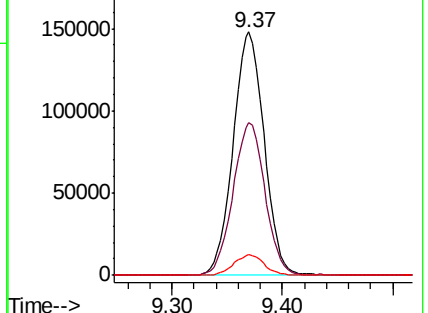
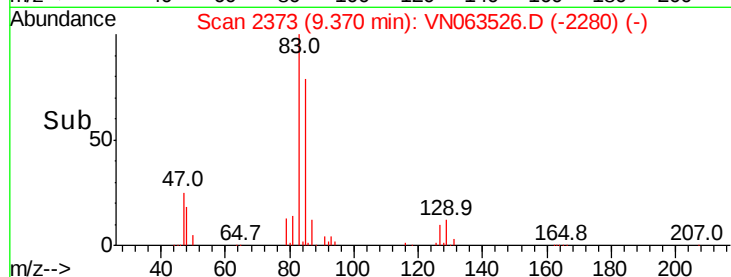
127 8.3 6.3 9.5



Abundance Ion 82.90 (82.60 to 83.60): VN063526.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN063526.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN063526.D (-2280) (-)



#48

Methyl methacrylate

Concen: 47.239 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN063526.D

Acq: 22 Sep 2020 12:08

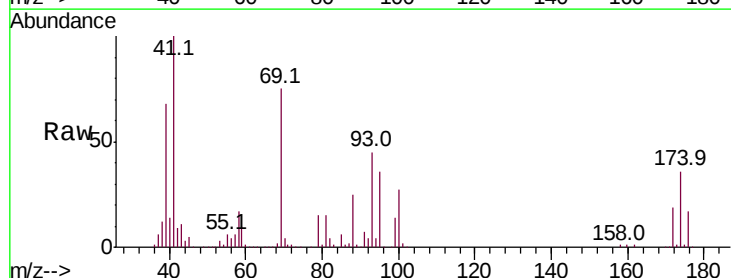
Tgt Ion: 41 Resp: 218089

Ion Ratio Lower Upper

41 100

69 76.7 59.3 88.9

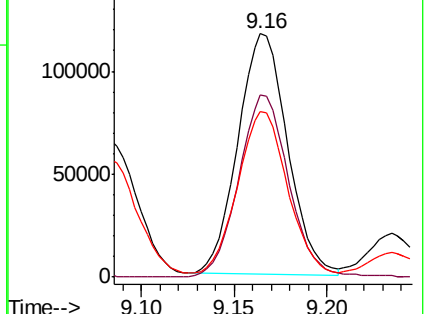
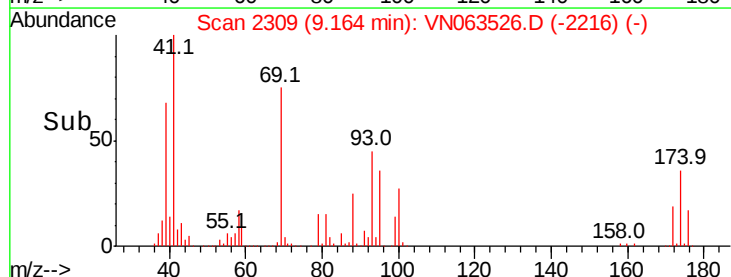
39 69.8 52.9 79.3

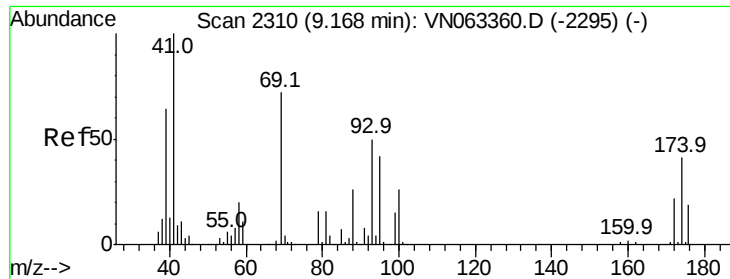


Abundance Ion 41.00 (40.70 to 41.70): VN063526.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN063526.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN063526.D (-2216) (-)

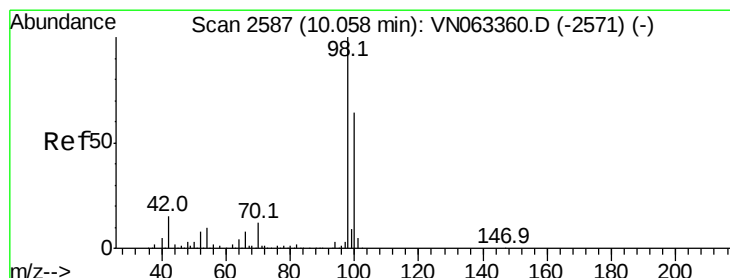
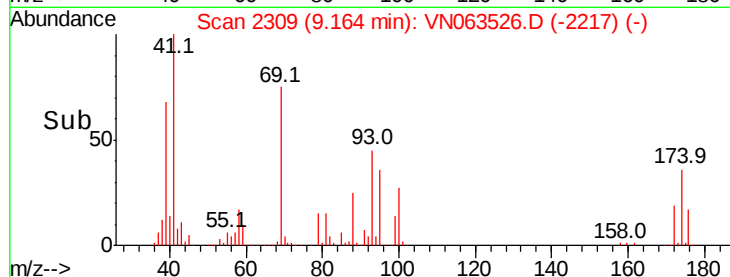
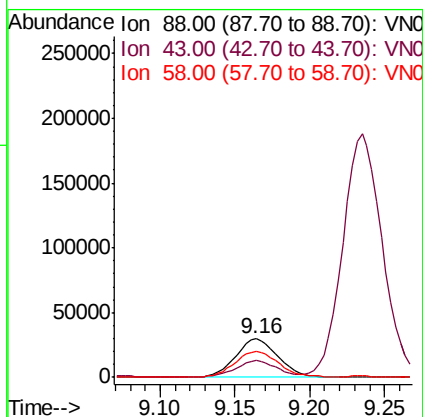
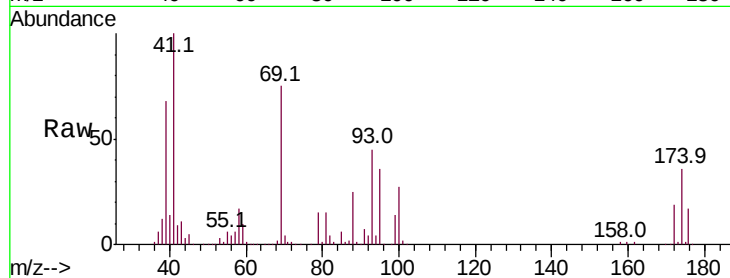




#49
 1,4-Dioxane
 Concen: 891.399 ug/l
 RT: 9.16 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: VN063526.D
 Acq: 22 Sep 2020 12:08

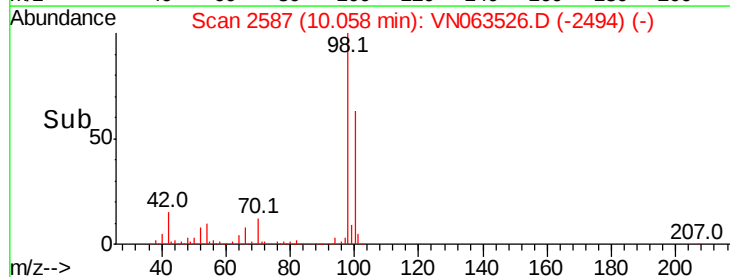
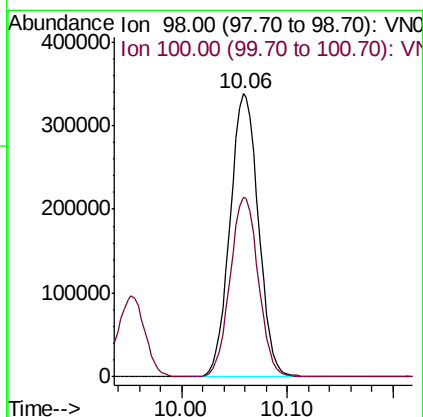
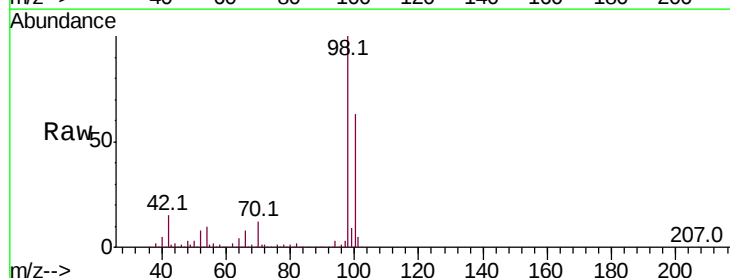
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

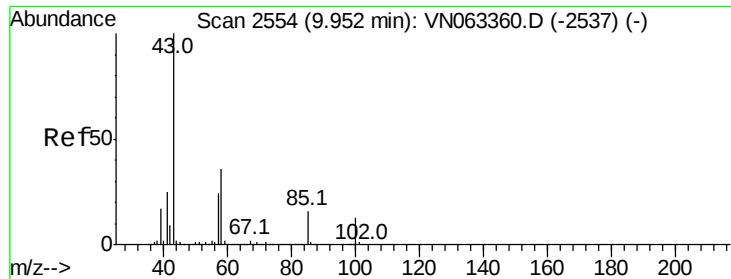
Tot Ion: 88 Resp: 59058
 Ion Ratio Lower Upper
 88 100
 43 41.7 32.6 49.0
 58 70.4 60.0 90.0



#50
 Toluene-d8
 Concen: 48.179 ug/l
 RT: 10.06 min Scan# 2587
 Delta R.T. -0.00 min
 Lab File: VN063526.D
 Acq: 22 Sep 2020 12:08

Tgt Ion: 98 Resp: 630340
 Ion Ratio Lower Upper
 98 100
 100 62.6 50.7 76.1





#51

4-Methyl-2-Pentanone

Concen: 249.463 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN063526.D

Acq: 22 Sep 2020 12:08

Instrument :

MSVOA_N

ClientSampleId :

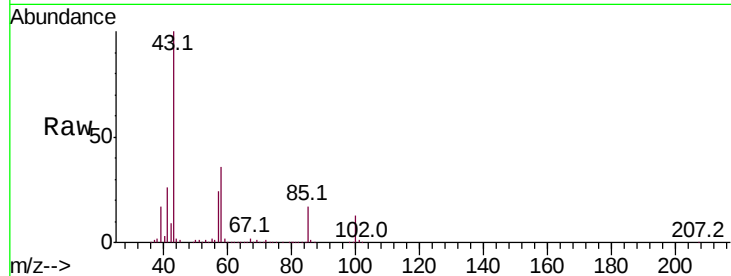
VSTDCCC050

Tot Ion: 43 Resp: 1312352

Ion Ratio Lower Upper

43 100

58 36.1 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

800000

600000

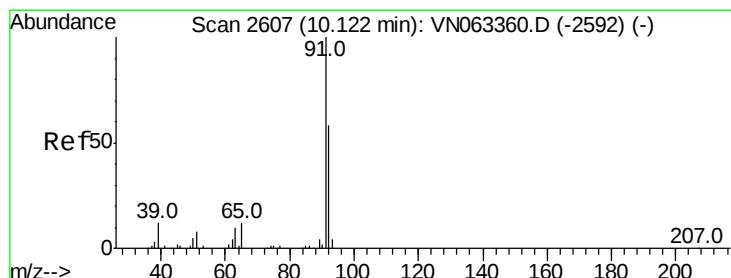
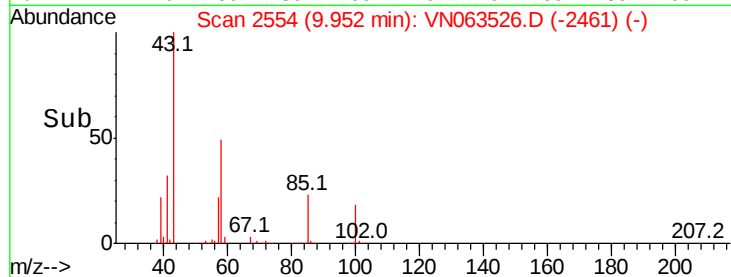
400000

200000

0

9.90 9.95 10.00

Time-->



#52

Toluene

Concen: 52.243 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063526.D

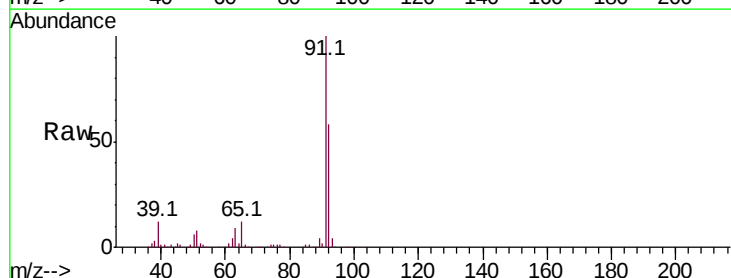
Acq: 22 Sep 2020 12:08

Tgt Ion: 92 Resp: 480114

Ion Ratio Lower Upper

92 100

91 175.5 139.7 209.5



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

500000

400000

300000

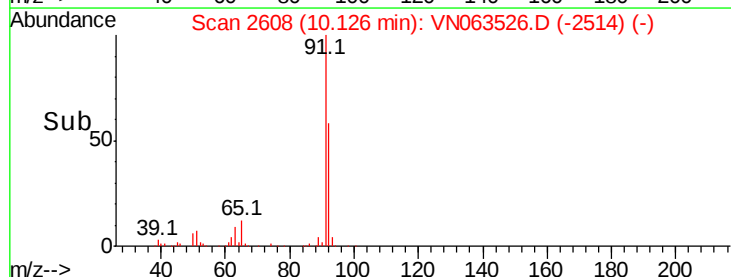
200000

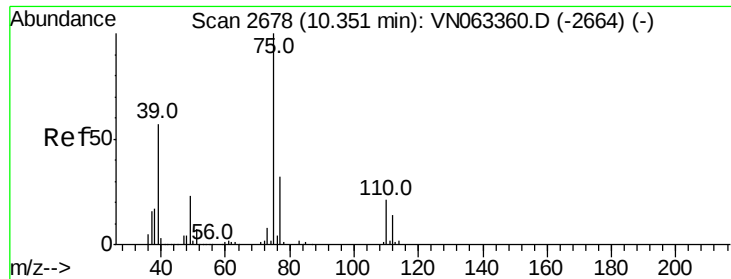
100000

0

10.05 10.10 10.13 10.15 10.20

Time-->





#53

t-1,3-Dichloropropene

Concen: 50.904 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN063526.D

Acq: 22 Sep 2020 12:08

Instrument :

MSVOA_N

ClientSampleId :

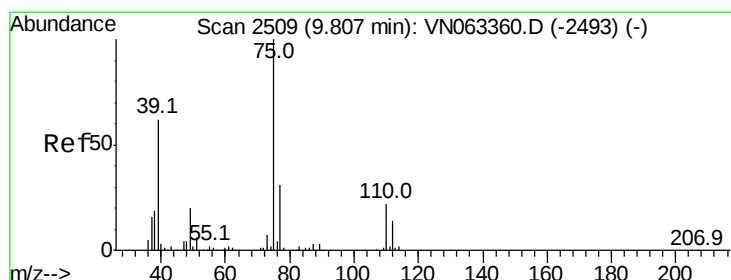
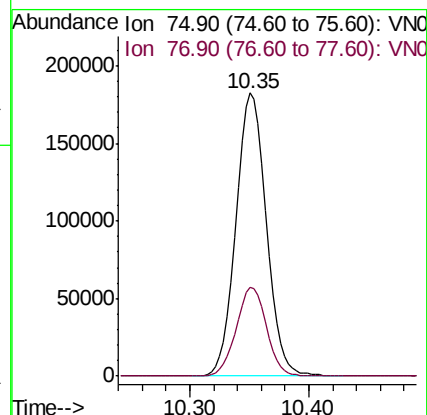
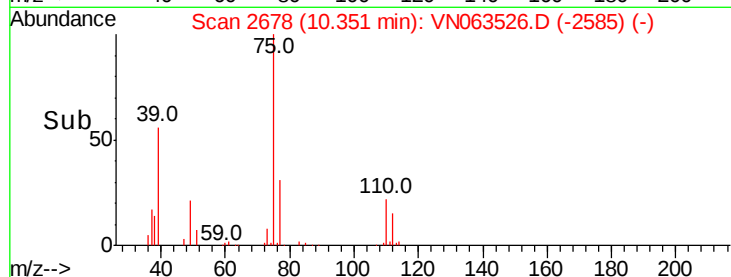
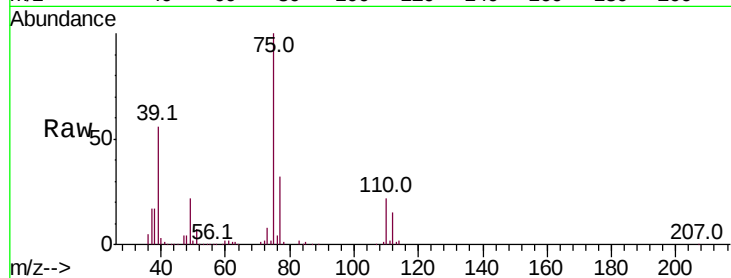
VSTDCCC050

Tot Ion: 75 Resp: 323031

Ion Ratio Lower Upper

75 100

77 31.5 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 50.312 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN063526.D

Acq: 22 Sep 2020 12:08

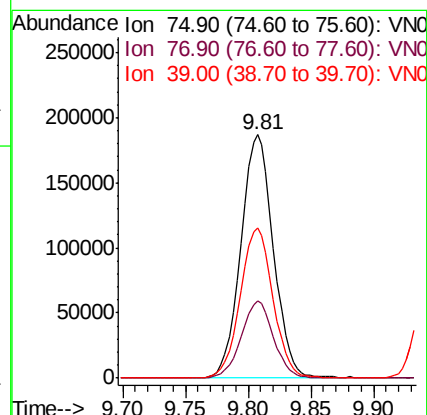
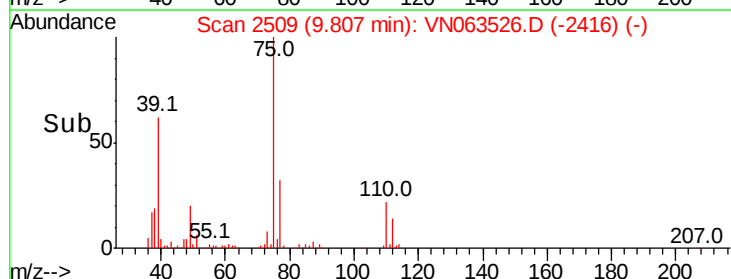
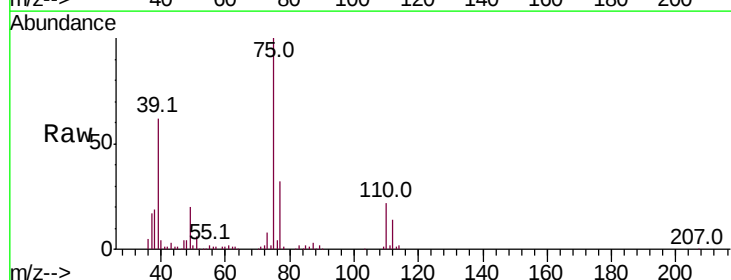
Tgt Ion: 75 Resp: 336772

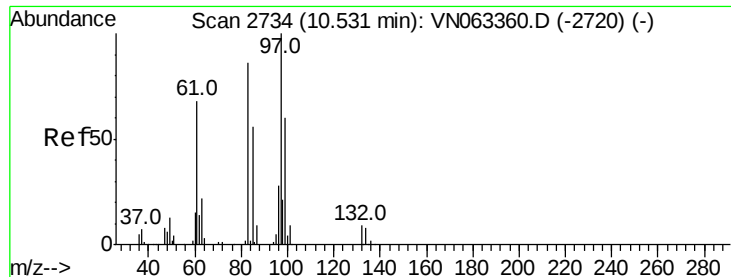
Ion Ratio Lower Upper

75 100

77 31.7 24.6 37.0

39 61.5 49.8 74.8

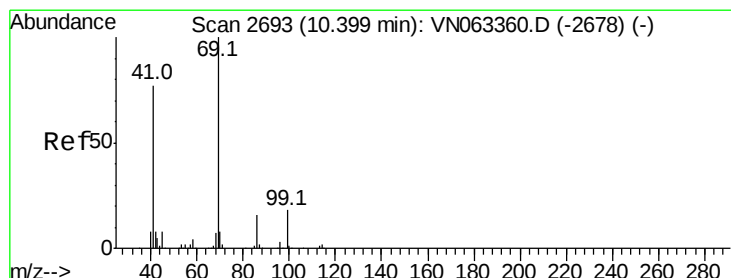
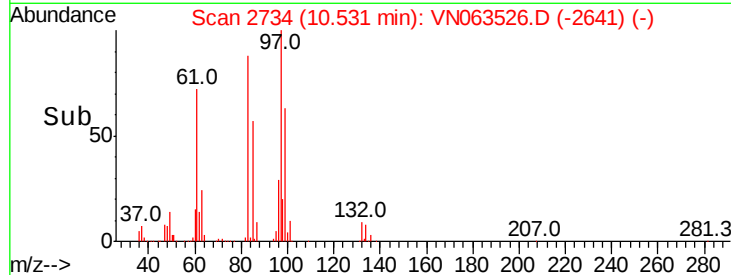
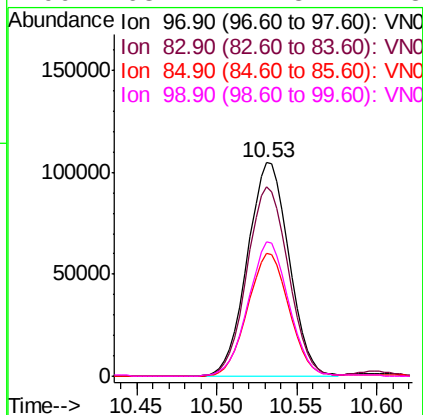
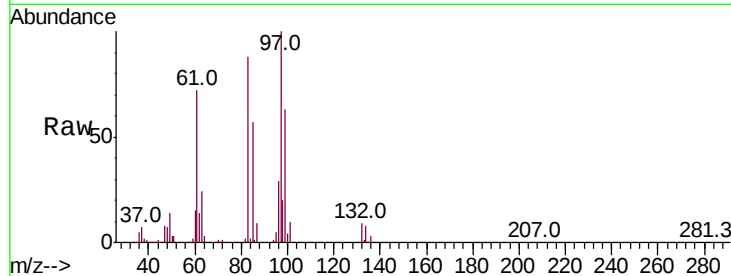




#55
 1,1,2-Trichloroethane
 Concen: 51.196 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN063526.D
 Acq: 22 Sep 2020 12:08

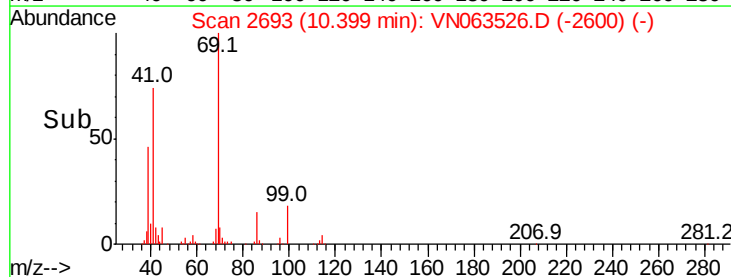
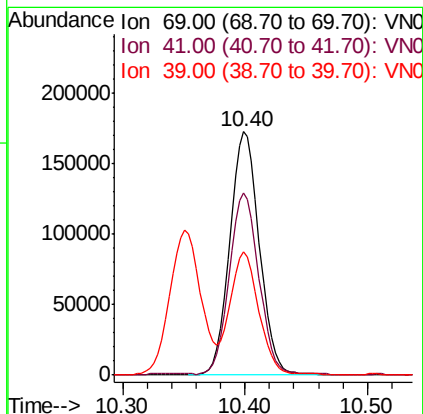
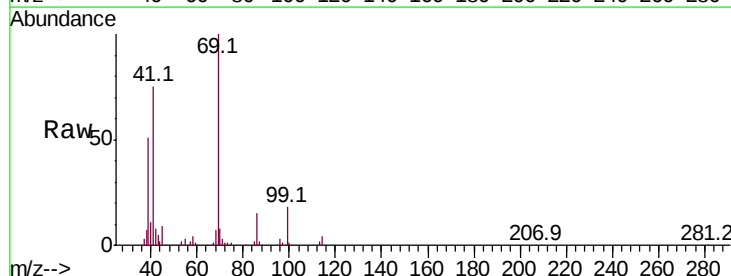
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	186882
Ion	Ratio	Lower	Upper
97	100		
83	88.5	68.9	103.3
85	57.3	44.8	67.2
99	63.2	47.8	71.8



#56
 Ethyl methacrylate
 Concen: 51.150 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. -0.00 min
 Lab File: VN063526.D
 Acq: 22 Sep 2020 12:08

Tgt Ion:	69	Resp:	291479
Ion	Ratio	Lower	Upper
69	100		
41	74.3	61.0	91.6
39	48.5	39.2	58.8





#57

1,3-Dichloropropane

Concen: 49.402 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN063526.D

Acq: 22 Sep 2020 12:08

Instrument :

MSVOA_N

ClientSampleId :

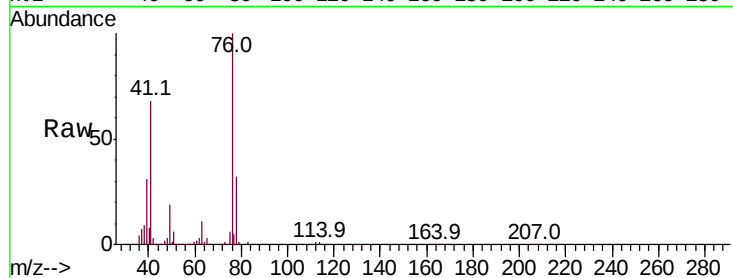
VSTDCCC050

Tot Ion: 76 Resp: 325199

Ion Ratio Lower Upper

76 100

78 32.5 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

200000

150000

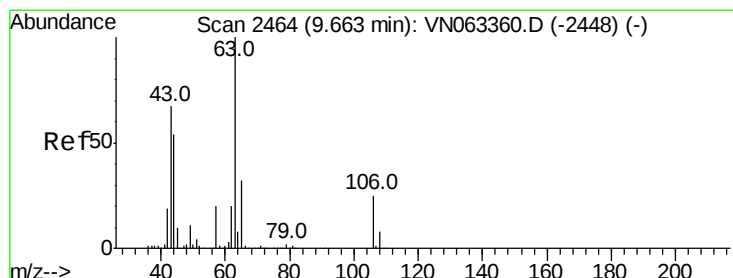
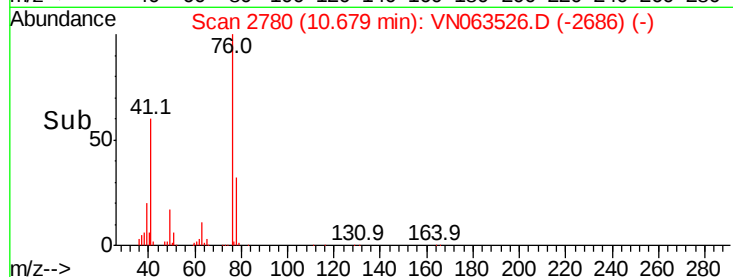
100000

50000

0

10.60 10.70 10.80

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 227.549 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. -0.00 min

Lab File: VN063526.D

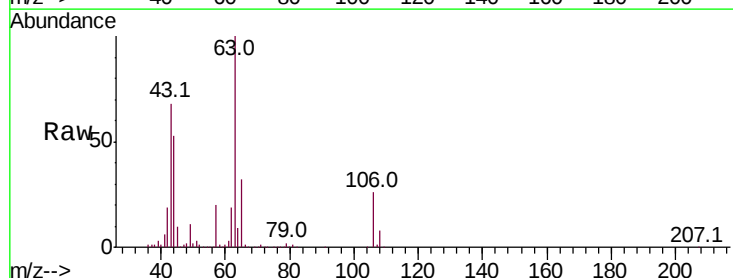
Acq: 22 Sep 2020 12:08

Tgt Ion: 63 Resp: 680222

Ion Ratio Lower Upper

63 100

106 25.7 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

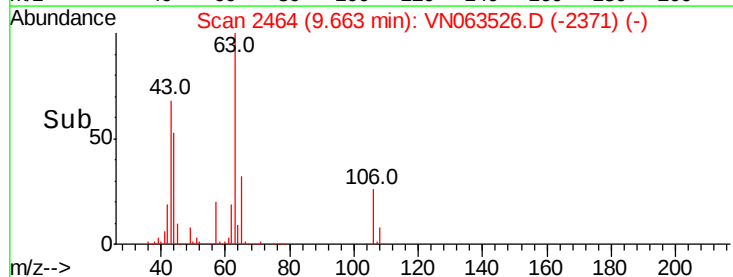
200000

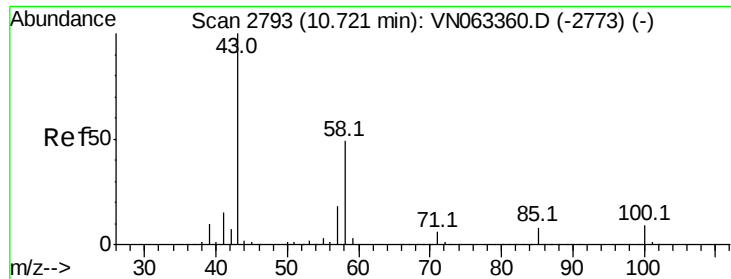
100000

0

9.60 9.70

Time-->

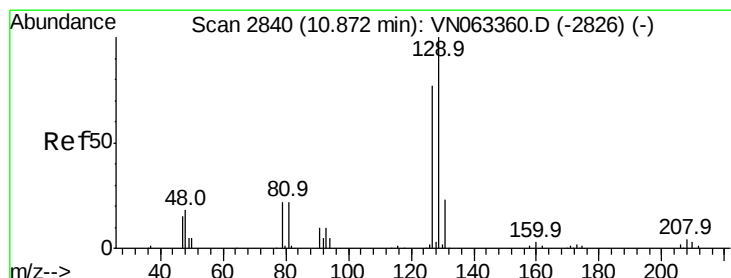
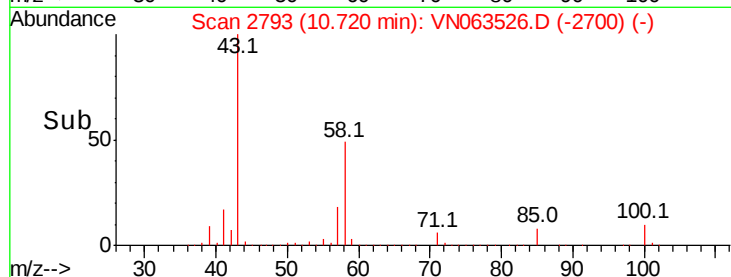
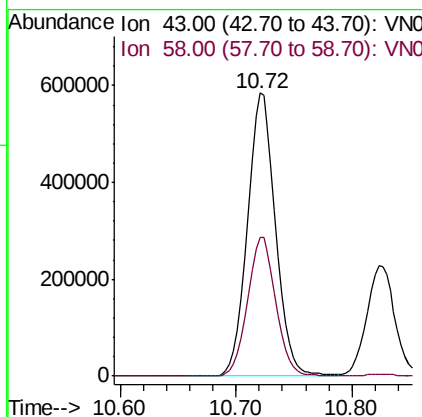
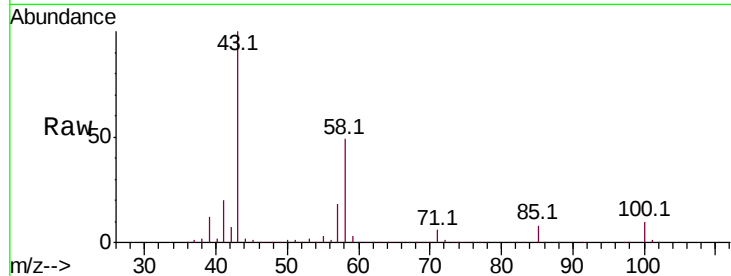




#59
2-Hexanone
Concen: 258.645 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN063526.D
Acq: 22 Sep 2020 12:08

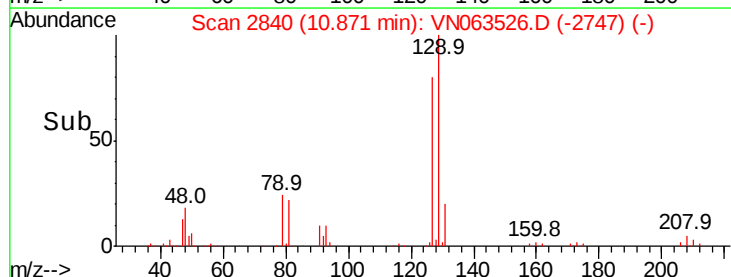
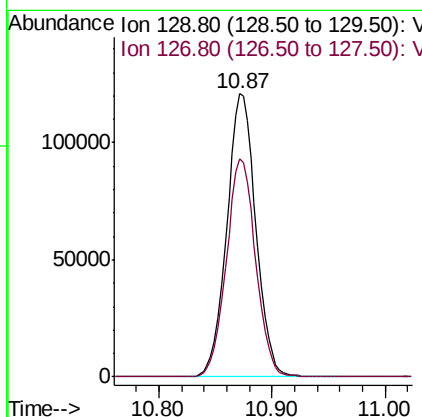
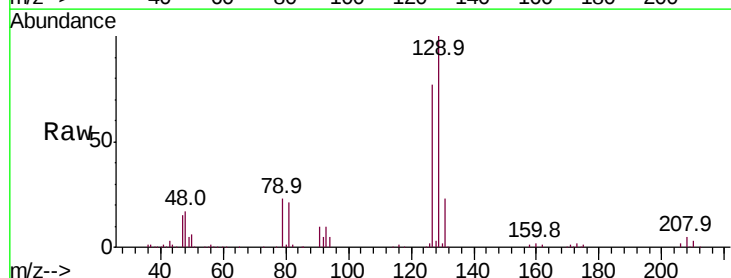
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

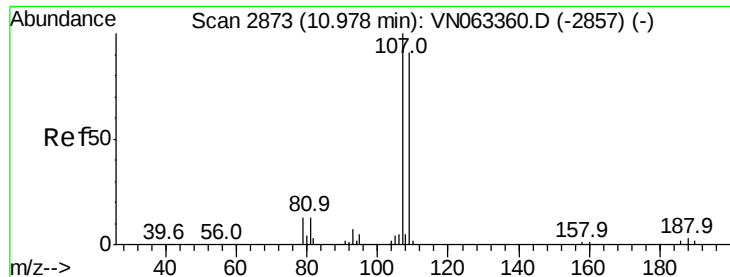
Tot Ion: 43 Resp: 985755
Ion Ratio Lower Upper
43 100
58 49.7 24.7 74.1



#60
Dibromochloromethane
Concen: 52.244 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN063526.D
Acq: 22 Sep 2020 12:08

Tgt Ion: 129 Resp: 215448
Ion Ratio Lower Upper
129 100
127 77.7 39.1 117.3





#61

1,2-Dibromoethane

Concen: 52.288 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. -0.00 min

Lab File: VN063526.D

Acq: 22 Sep 2020 12:08

Instrument :

MSVOA_N

ClientSampleId :

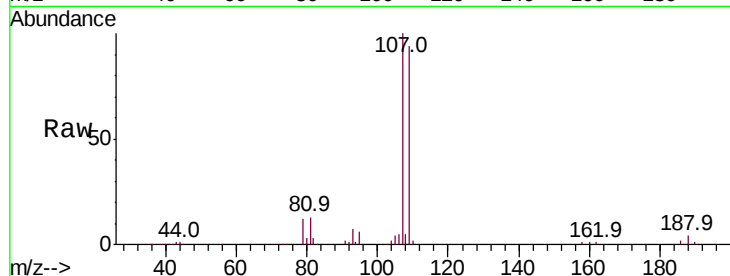
VSTDCCC050

Tot Ion:107 Resp: 198296

Ion Ratio Lower Upper

107 100

109 92.6 74.6 111.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

10.98

120000

100000

80000

60000

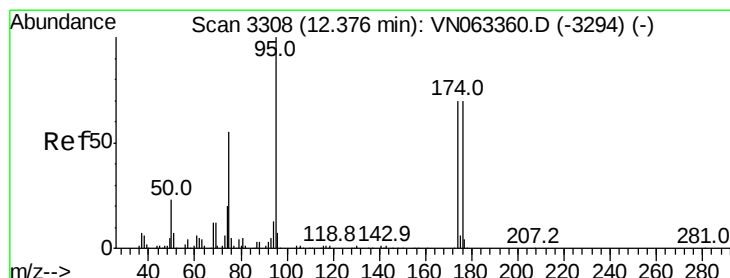
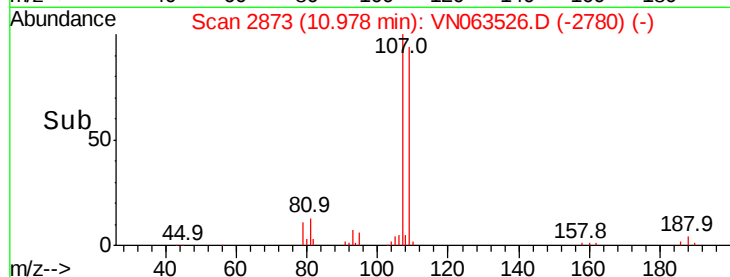
40000

20000

0

Time-->

10.90 11.00 11.10



#62

4-Bromofluorobenzene

Concen: 50.756 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063526.D

Acq: 22 Sep 2020 12:08

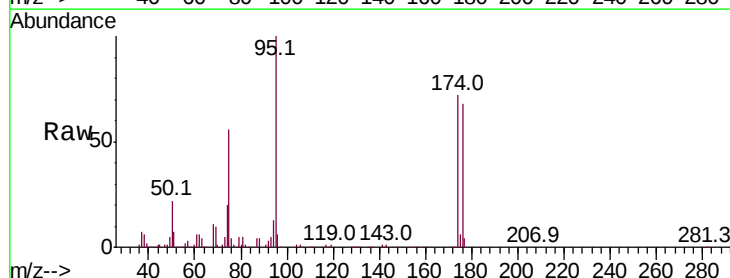
Tgt Ion: 95 Resp: 243429

Ion Ratio Lower Upper

95 100

174 72.5 0.0 140.8

176 69.7 0.0 137.6



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

150000

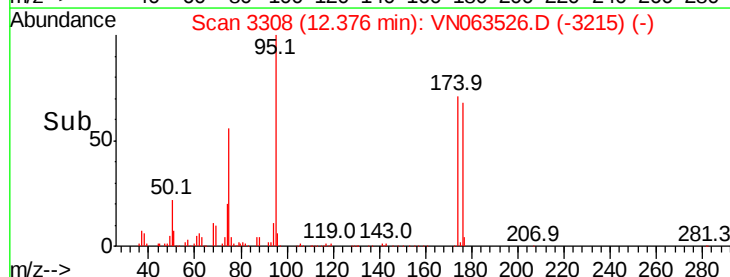
100000

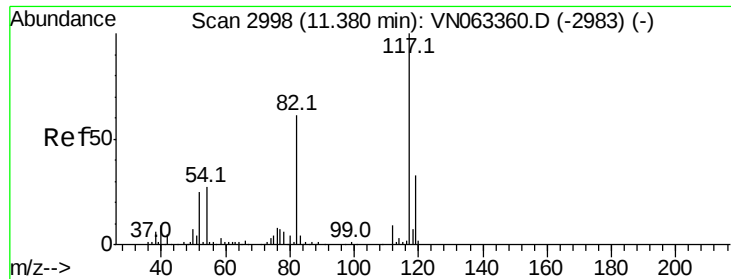
50000

0

Time-->

12.30 12.35 12.40 12.45

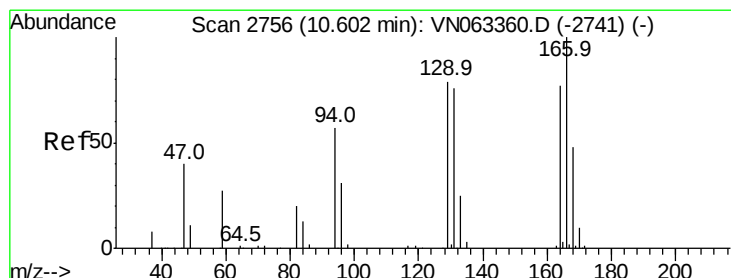
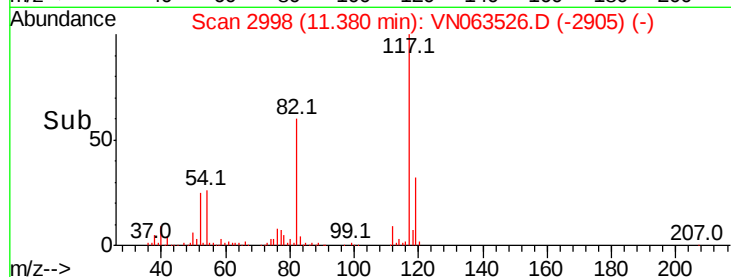
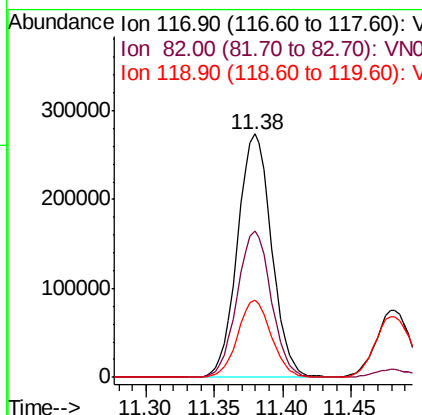
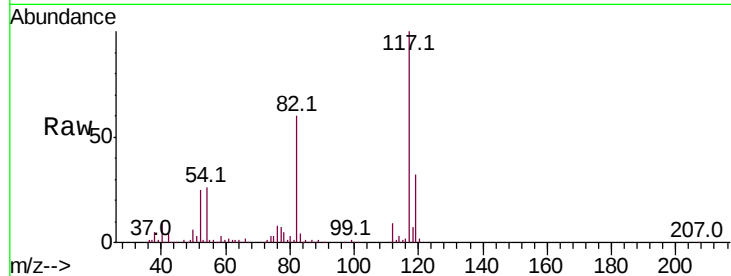




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063526.D
Acq: 22 Sep 2020 12:08

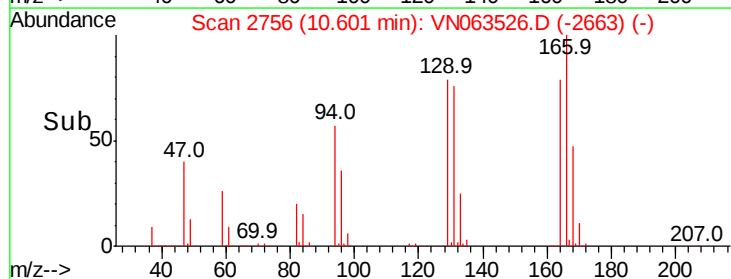
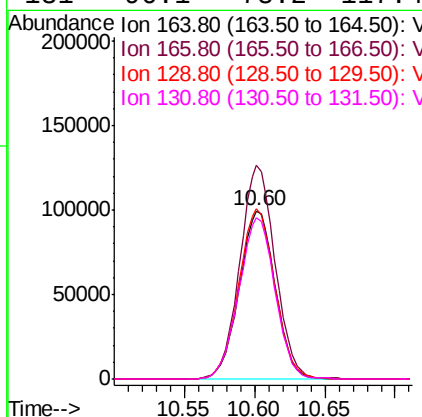
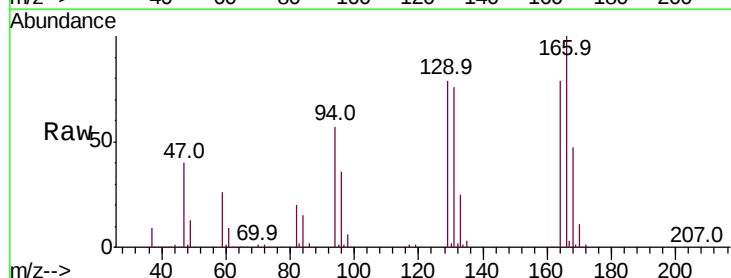
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

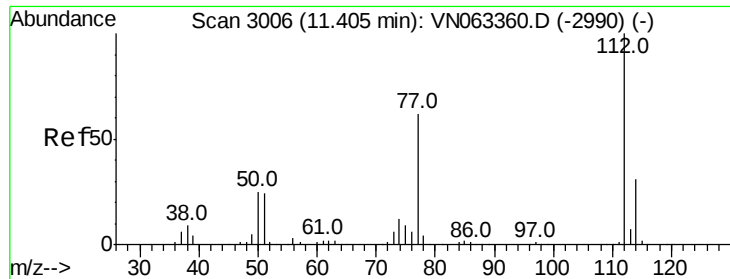
Tot Ion:117 Resp: 474673
Ion Ratio Lower Upper
117 100
82 60.1 49.2 73.8
119 31.7 26.2 39.4



#64
Tetrachloroethene
Concen: 54.816 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN063526.D
Acq: 22 Sep 2020 12:08

Tgt Ion:164 Resp: 177174
Ion Ratio Lower Upper
164 100
166 127.1 103.4 155.0
129 101.0 81.8 122.6
131 96.1 78.2 117.4

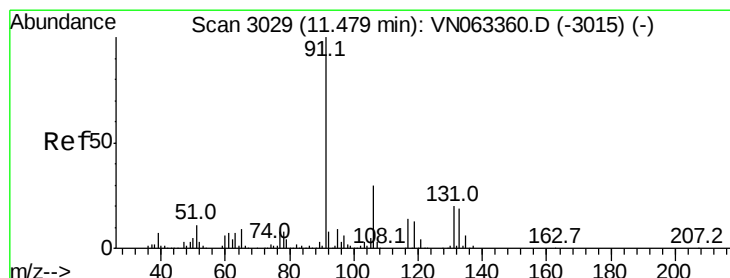
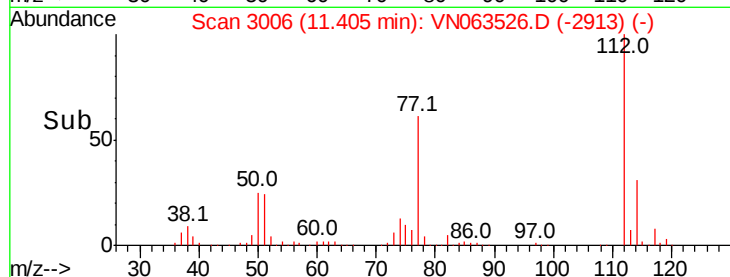
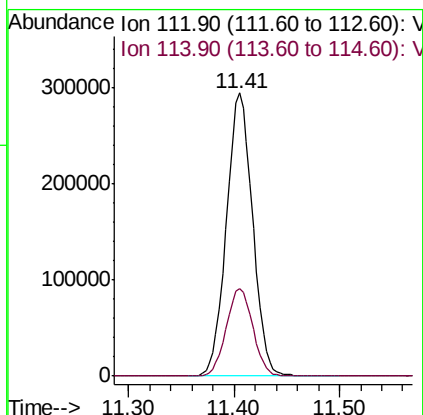
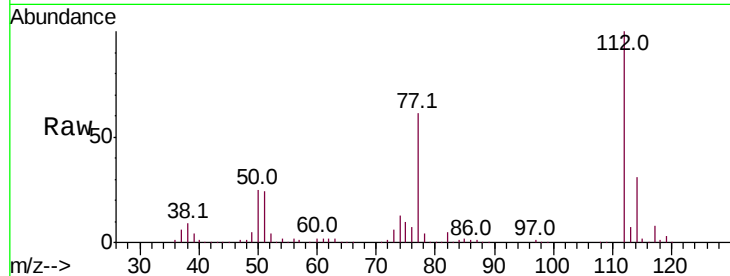




#65
Chlorobenzene
Concen: 50.055 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN063526.D
Acq: 22 Sep 2020 12:08

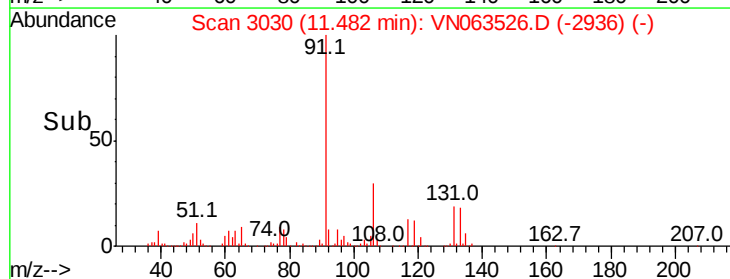
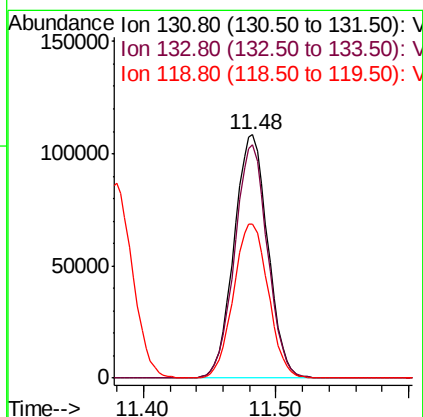
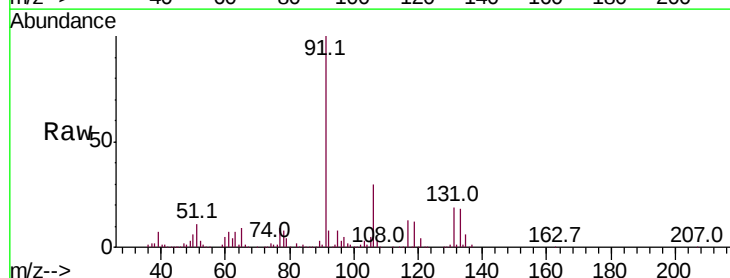
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

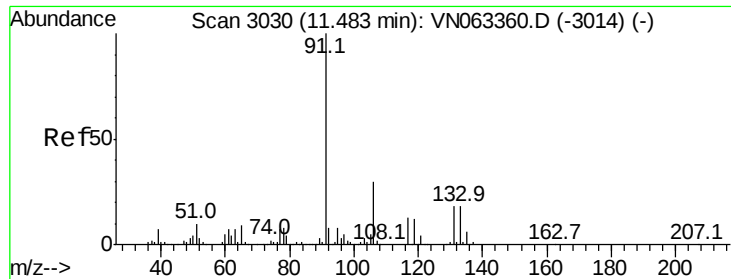
Tot Ion:112 Resp: 504354
Ion Ratio Lower Upper
112 100
114 30.9 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 51.927 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063526.D
Acq: 22 Sep 2020 12:08

Tgt Ion:131 Resp: 191793
Ion Ratio Lower Upper
131 100
133 93.7 47.3 141.9
119 65.2 33.6 100.8

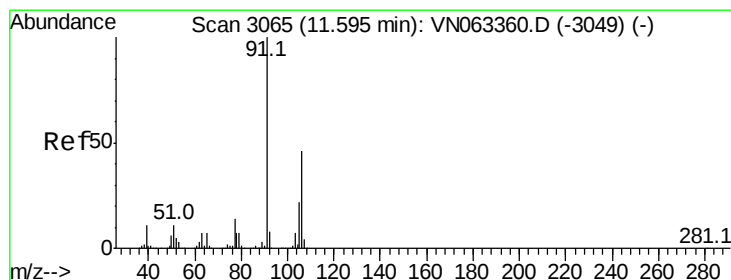
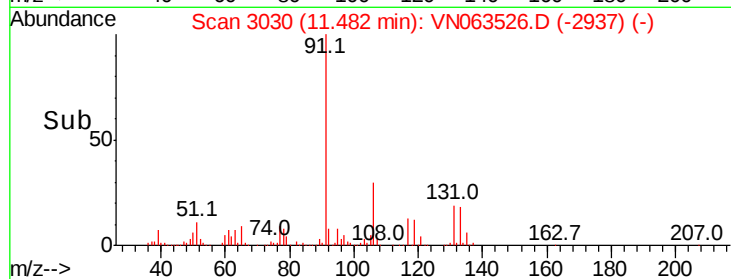
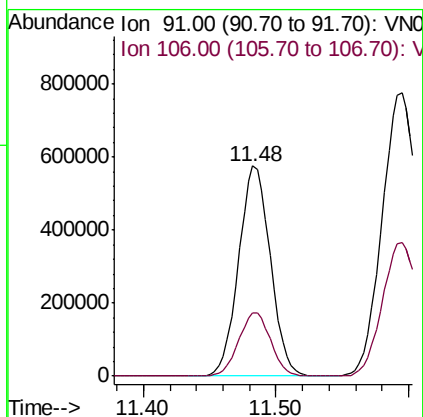
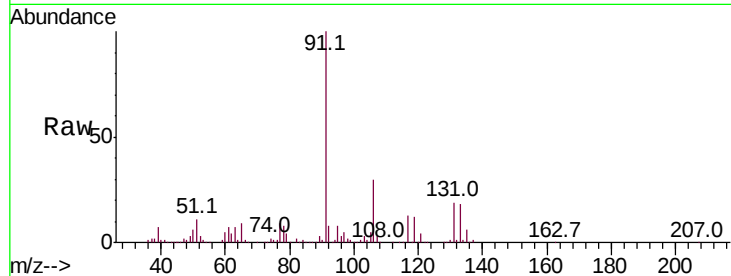




#67
Ethyl Benzene
Concen: 50.470 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN063526.D
Acq: 22 Sep 2020 12:08

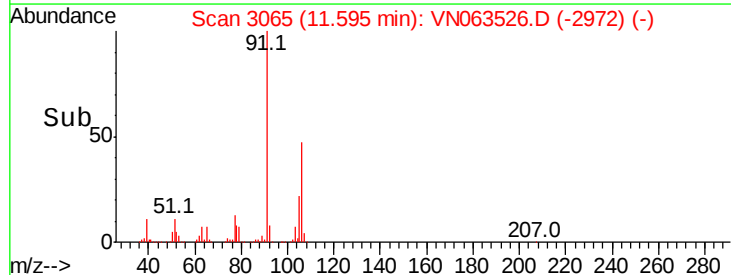
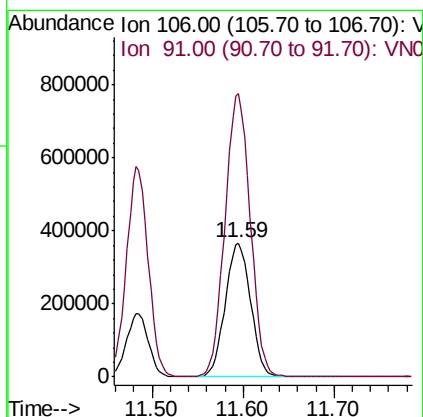
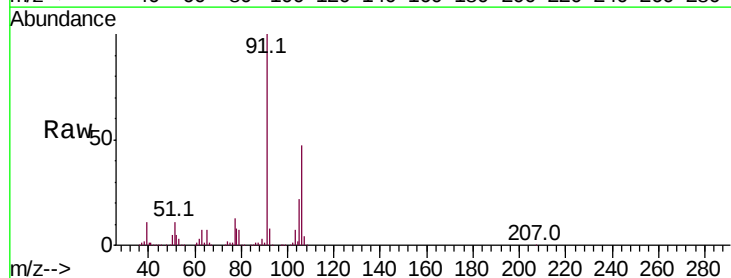
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

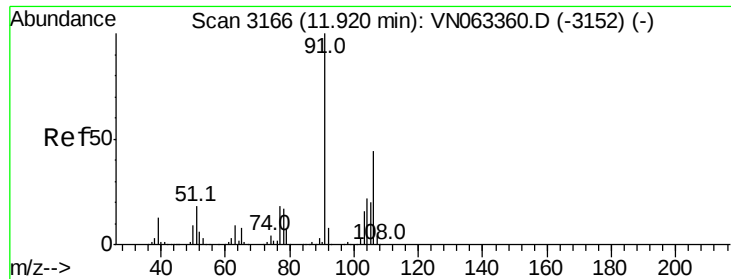
Tot Ion: 91 Resp: 957660
Ion Ratio Lower Upper
91 100
106 30.2 23.8 35.6



#68
m/p-Xylenes
Concen: 103.571 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN063526.D
Acq: 22 Sep 2020 12:08

Tgt Ion: 106 Resp: 708574
Ion Ratio Lower Upper
106 100
91 210.2 171.2 256.8

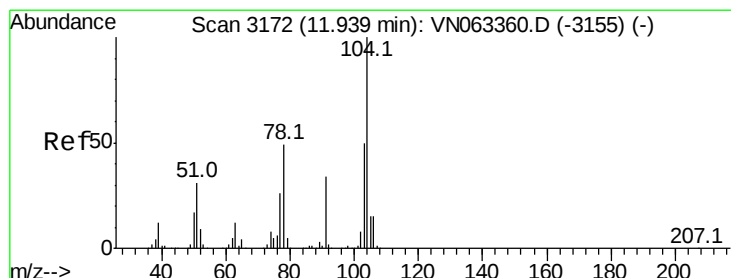
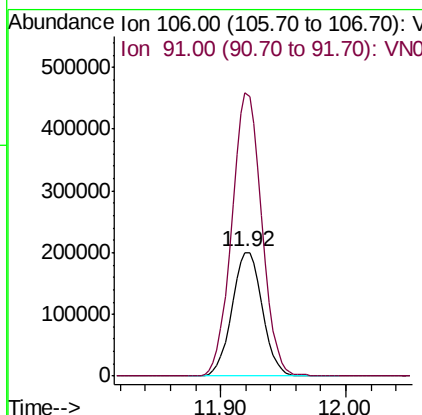
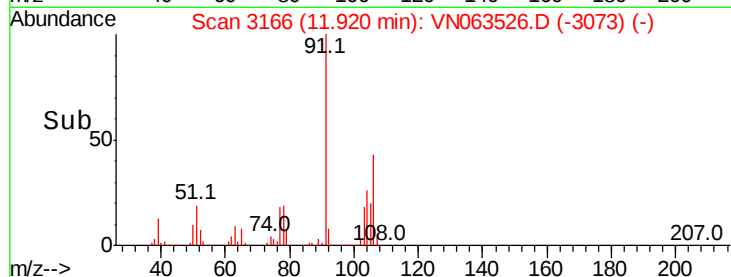
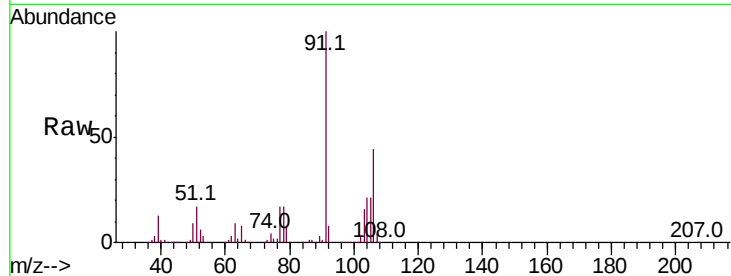




#69
o-Xylene
Concen: 51.624 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN063526.D
Acq: 22 Sep 2020 12:08

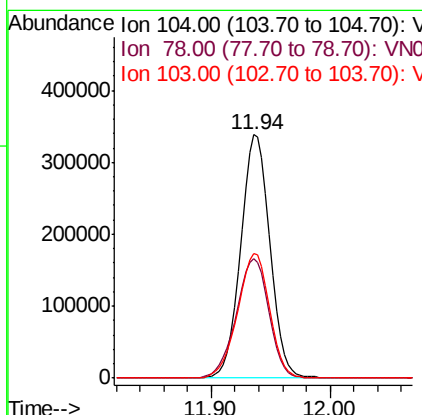
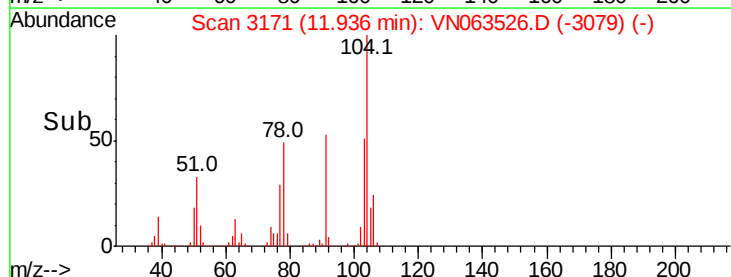
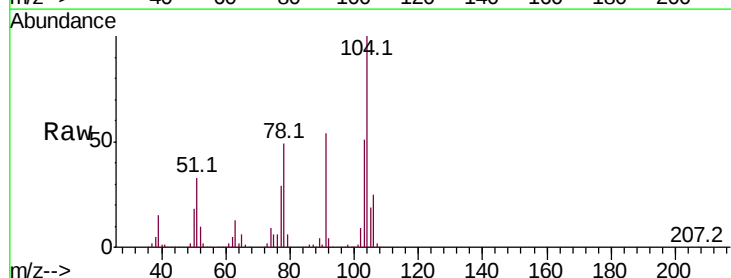
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

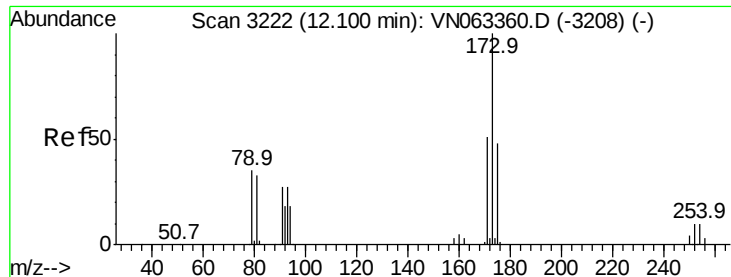
Tot Ion:106 Resp: 336443
Ion Ratio Lower Upper
106 100
91 225.9 113.6 340.8



#70
Styrene
Concen: 52.685 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN063526.D
Acq: 22 Sep 2020 12:08

Tgt Ion:104 Resp: 575803
Ion Ratio Lower Upper
104 100
78 55.0 44.4 66.6
103 56.0 43.7 65.5





#71

Bromoform

Concen: 52.031 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. -0.00 min

Lab File: VN063526.D

Acq: 22 Sep 2020 12:08

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

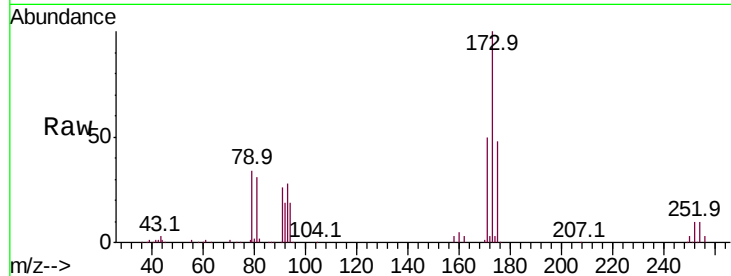
Tot Ion:173 Resp: 143165

Ion Ratio Lower Upper

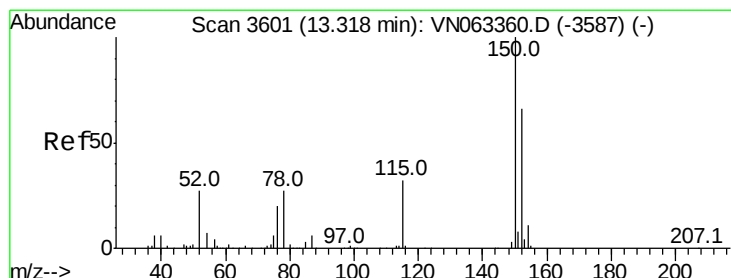
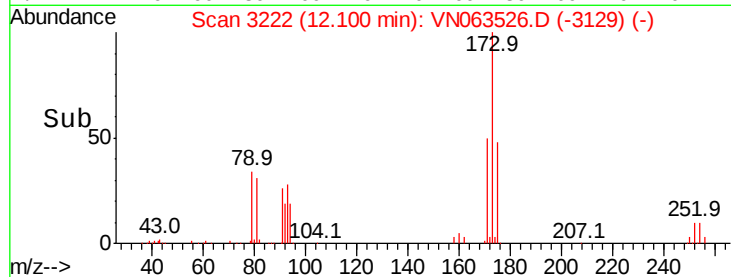
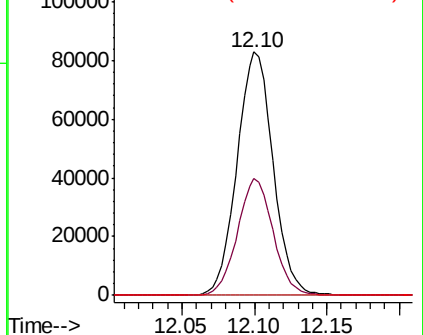
173 100

175 47.4 24.0 72.0

254 0.1 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: VN063526.D

Acq: 22 Sep 2020 12:08

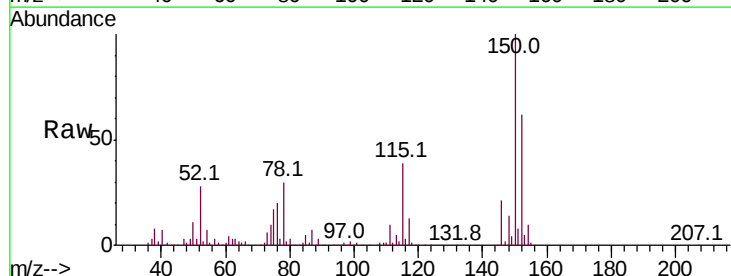
Tgt Ion:152 Resp: 231728

Ion Ratio Lower Upper

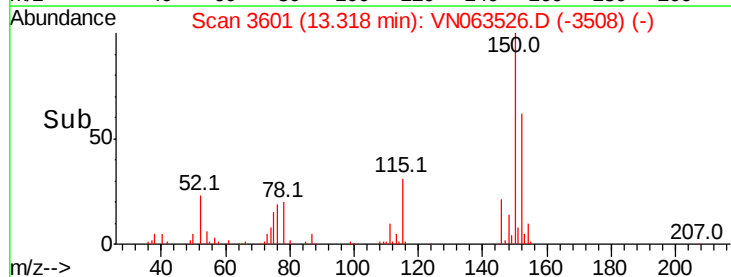
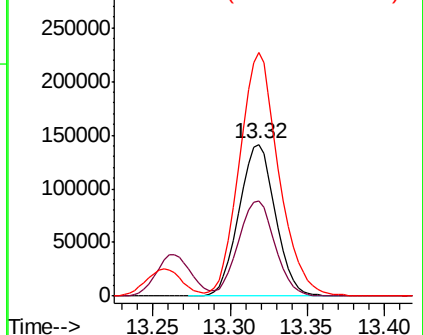
152 100

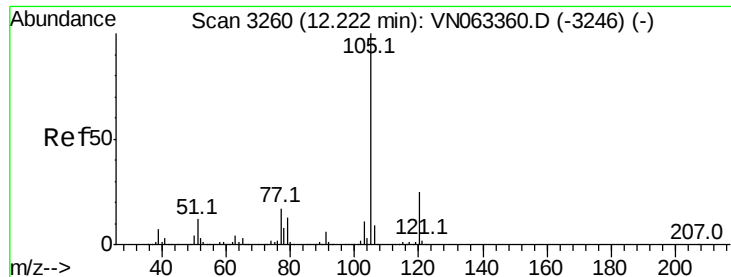
115 62.7 32.2 96.6

150 172.6 0.0 343.4



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





#73

Isopropylbenzene

Concen: 49.452 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN063526.D

Acq: 22 Sep 2020 12:08

Instrument :

MSVOA_N

ClientSampleId :

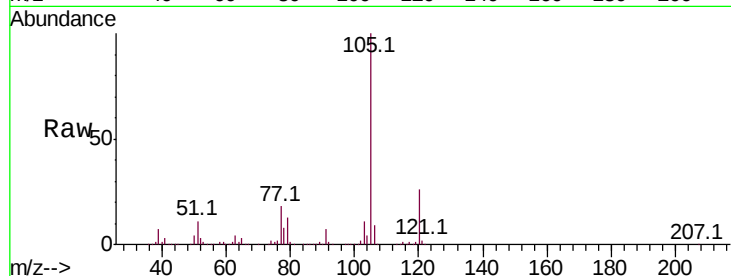
VSTDCCC050

Tot Ion:105 Resp: 918290

Ion Ratio Lower Upper

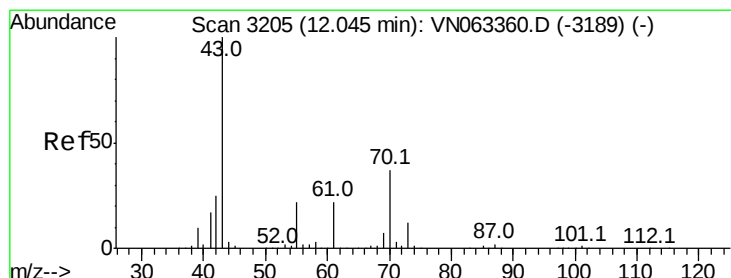
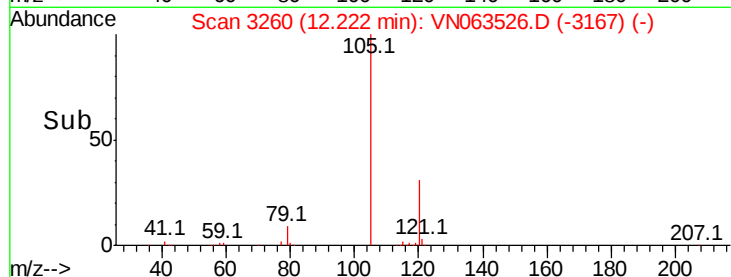
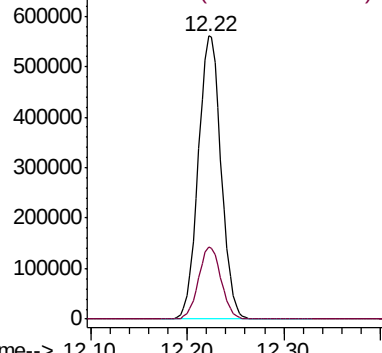
105 100

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: 46.997 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. -0.00 min

Lab File: VN063526.D

Acq: 22 Sep 2020 12:08

Tgt Ion: 43 Resp: 413114

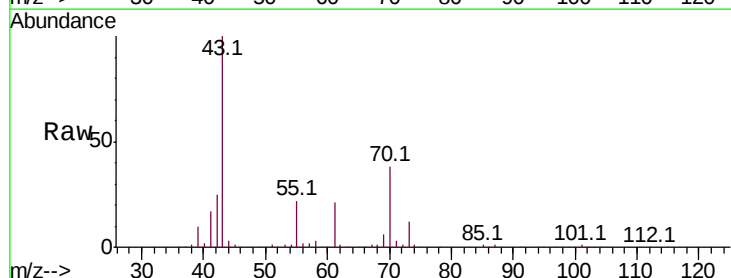
Ion Ratio Lower Upper

43 100

70 37.2 29.6 44.4

55 22.3 17.7 26.5

61 21.2 17.4 26.2

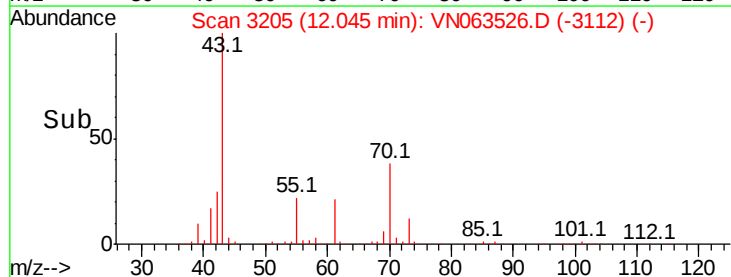
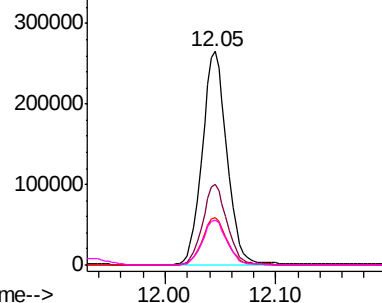


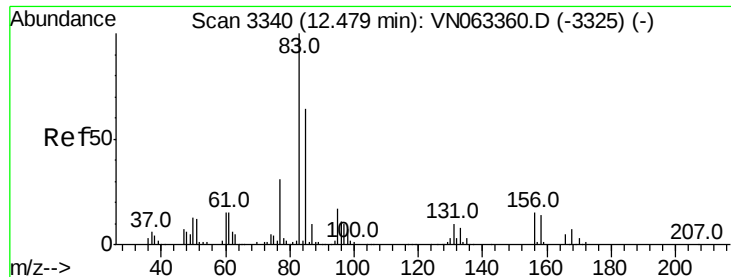
Abundance Ion 43.00 (42.70 to 43.70): V

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: 47.407 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063526.D

Acq: 22 Sep 2020 12:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

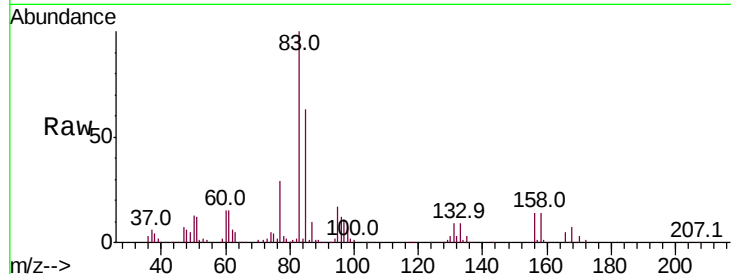
Tot Ion: 83 Resp: 272575

Ion Ratio Lower Upper

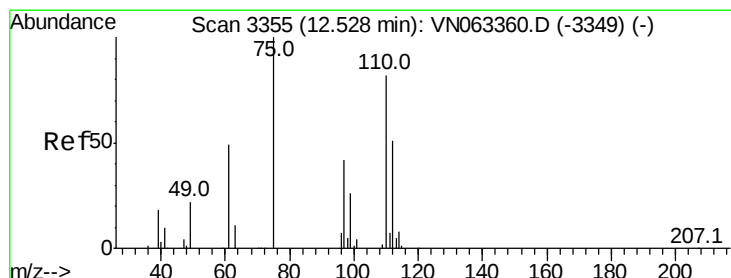
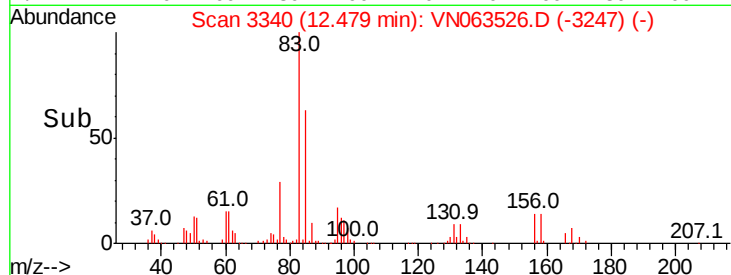
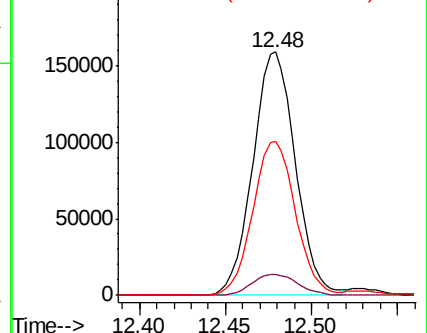
83 100

131 9.3 4.9 14.7

85 63.4 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 130.80 (130.50 to 131.50): VNO
Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 65.182 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. -0.00 min

Lab File: VN063526.D

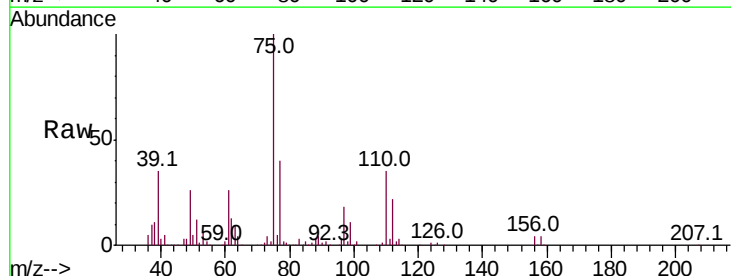
Acq: 22 Sep 2020 12:08

Tgt Ion: 75 Resp: 373857

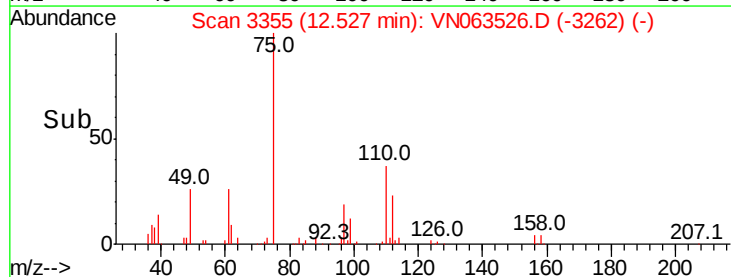
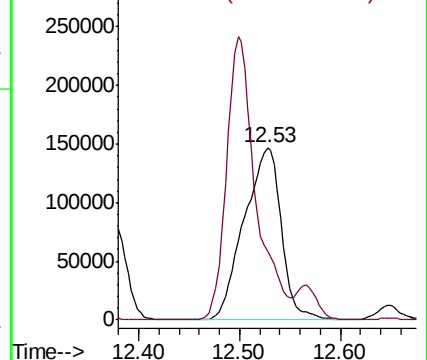
Ion Ratio Lower Upper

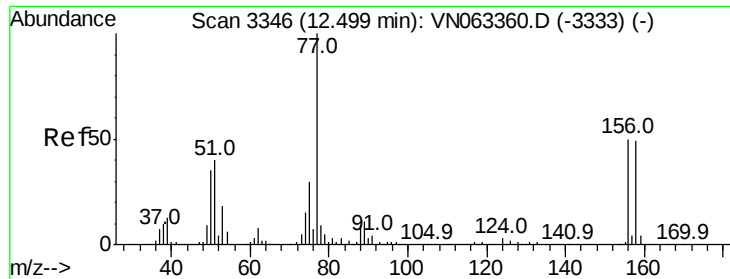
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 51.010 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN063526.D

Acq: 22 Sep 2020 12:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

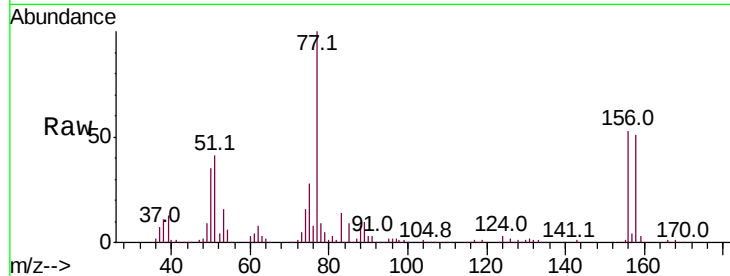
Tot Ion:156 Resp: 213071

Ion Ratio Lower Upper

156 100

77 229.1 120.2 360.6

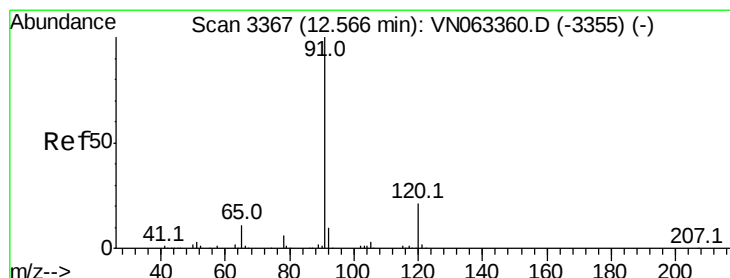
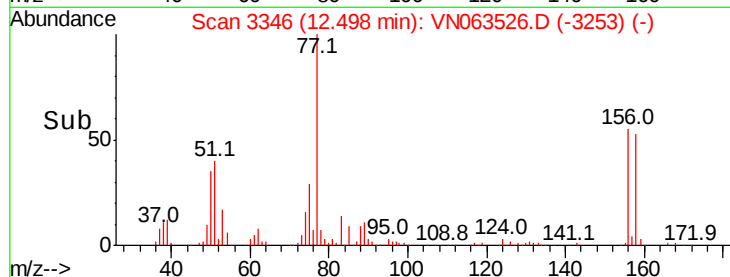
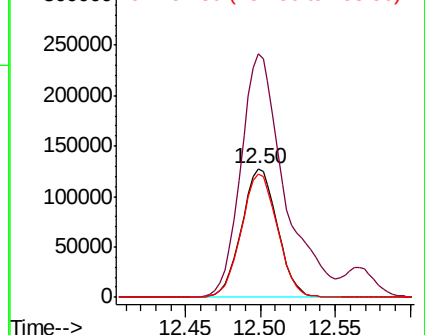
158 97.0 48.9 146.6



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: 49.704 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063526.D

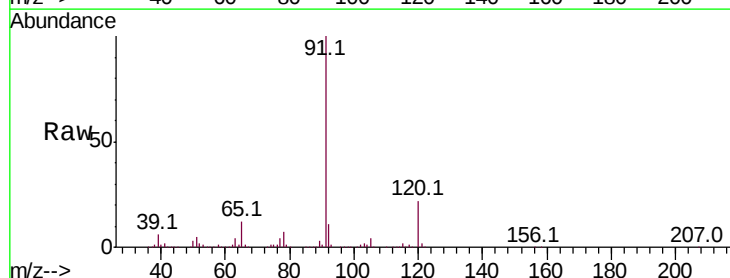
Acq: 22 Sep 2020 12:08

Tgt Ion: 91 Resp: 1075006

Ion Ratio Lower Upper

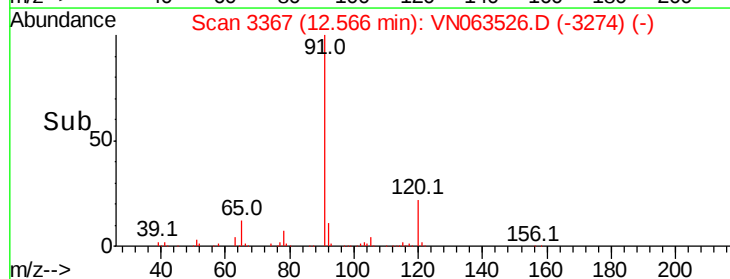
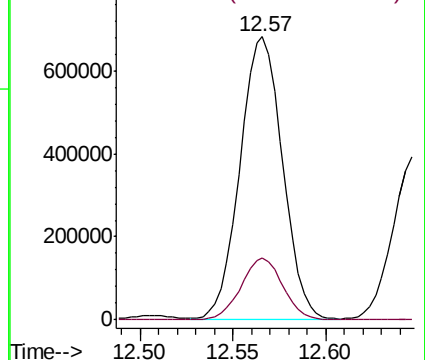
91 100

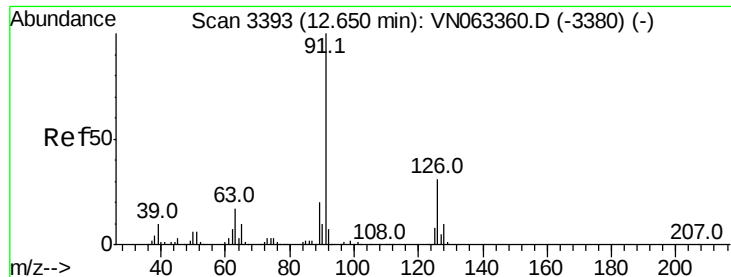
120 21.6 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.023 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. -0.00 min

Lab File: VN063526.D

Acq: 22 Sep 2020 12:08

Instrument :

MSVOA_N

ClientSampleId :

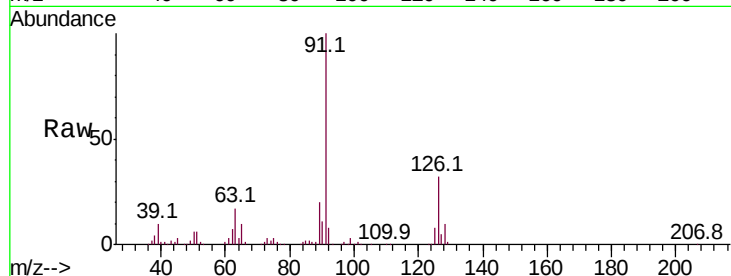
VSTDCCC050

Tot Ion: 91 Resp: 648547

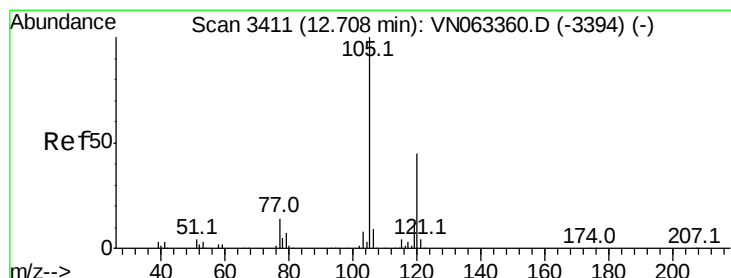
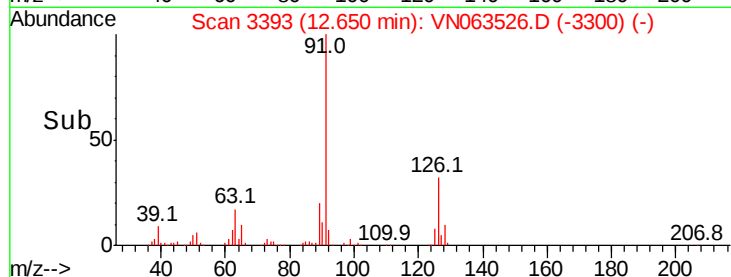
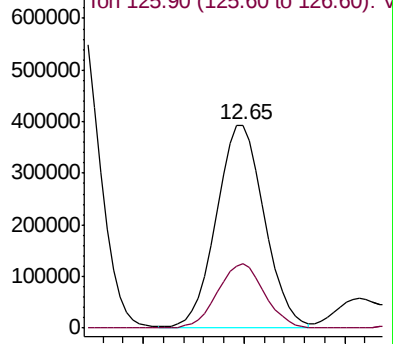
Ion Ratio Lower Upper

91 100

126 31.6 15.8 47.3



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



#80

1,3,5-Trimethylbenzene

Concen: 50.448 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN063526.D

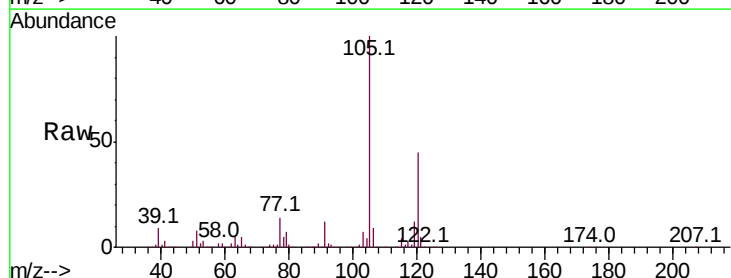
Acq: 22 Sep 2020 12:08

Tgt Ion:105 Resp: 781161

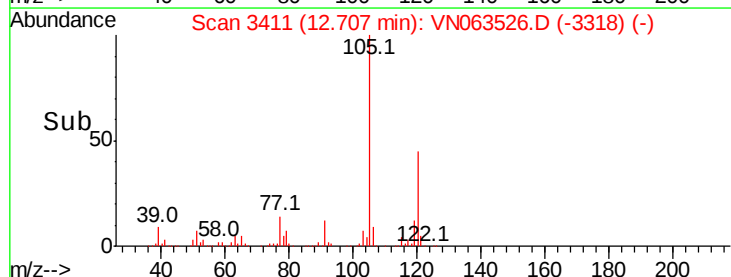
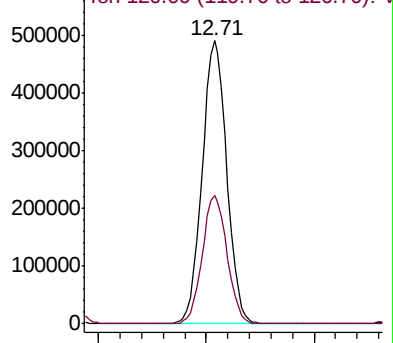
Ion Ratio Lower Upper

105 100

120 45.7 22.9 68.8



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





#81

trans-1,4-Dichloro-2-butene

Concen: 47.343 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. -0.00 min

Lab File: VN063526.D

Acq: 22 Sep 2020 12:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

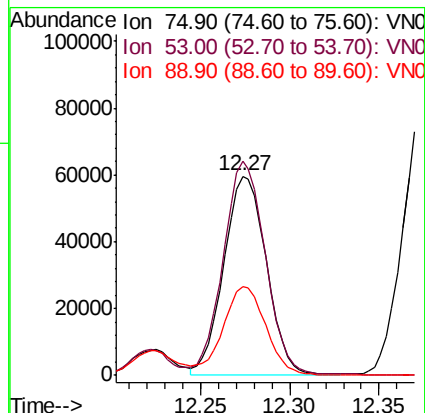
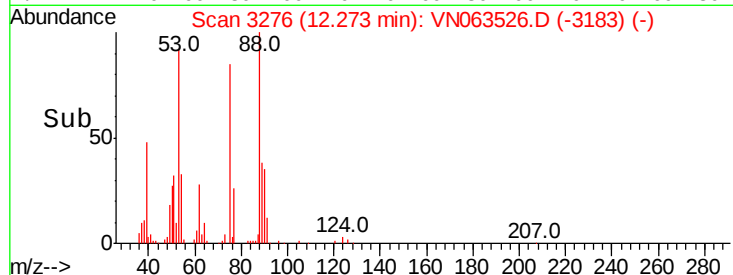
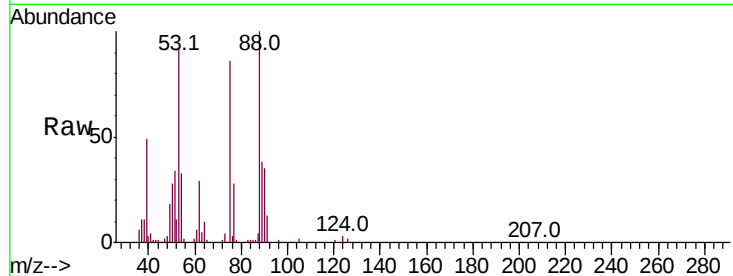
Tot Ion: 75 Resp: 99044

Ion Ratio Lower Upper

75 100

53 105.5 85.7 128.5

89 45.4 38.0 57.0



#82

4-Chlorotoluene

Concen: 50.856 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. -0.00 min

Lab File: VN063526.D

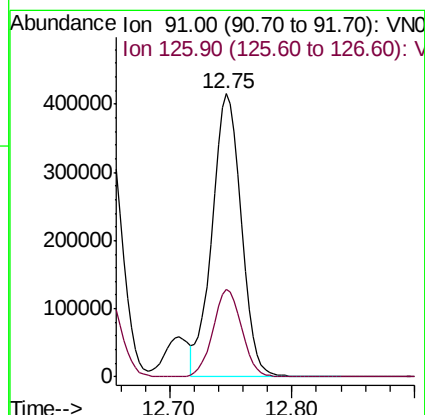
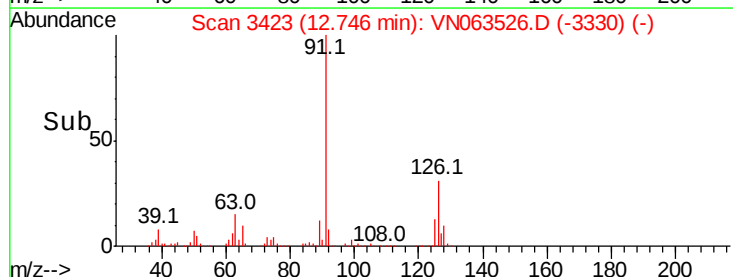
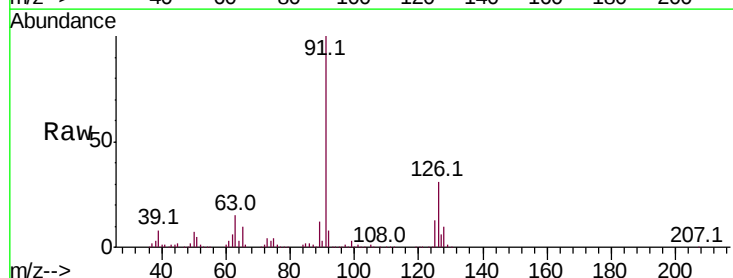
Acq: 22 Sep 2020 12:08

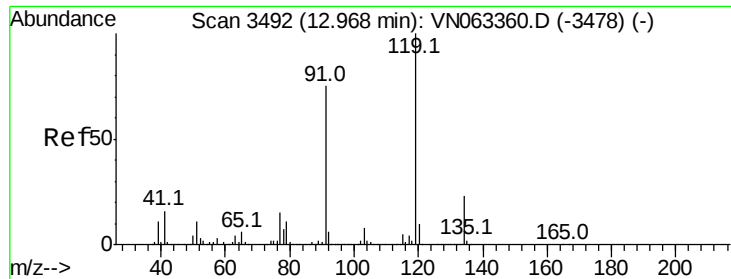
Tgt Ion: 91 Resp: 696655

Ion Ratio Lower Upper

91 100

126 30.5 15.5 46.5





#83

tert-Butylbenzene

Concen: 48.756 ug/l

RT: 12.97 min Scan# 3492

Delta R.T. -0.00 min

Lab File: VN063526.D

Acq: 22 Sep 2020 12:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

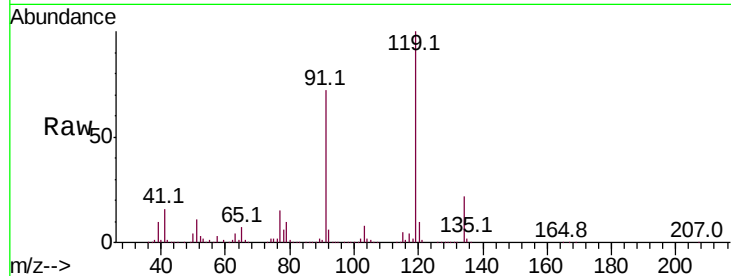
Tot Ion:119 Resp: 623103

Ion Ratio Lower Upper

119 100

91 71.5 36.3 108.9

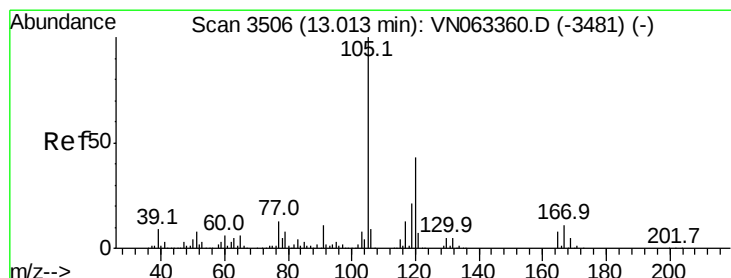
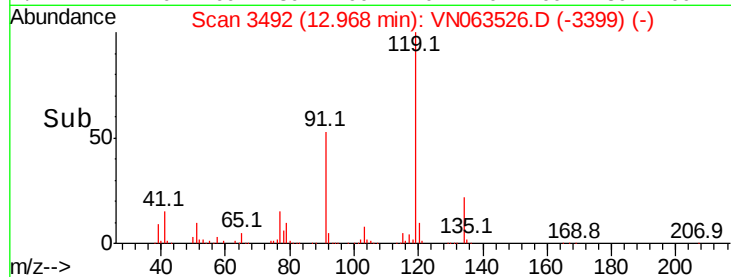
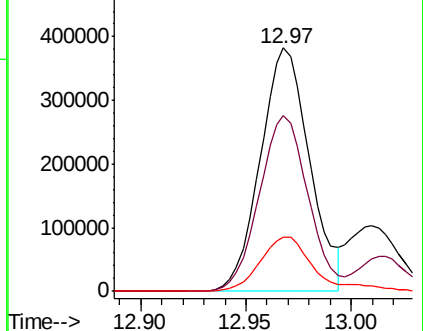
134 24.4 12.3 36.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 50.370 ug/l

RT: 13.01 min Scan# 3506

Delta R.T. -0.00 min

Lab File: VN063526.D

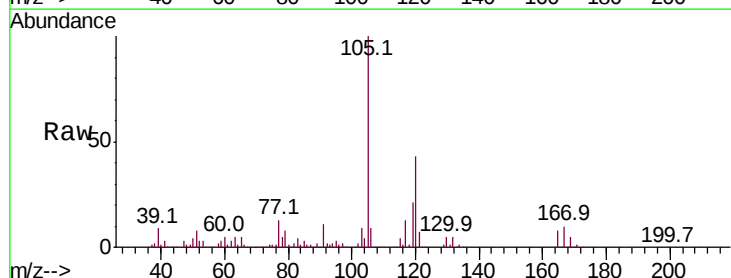
Acq: 22 Sep 2020 12:08

Tgt Ion:105 Resp: 787815

Ion Ratio Lower Upper

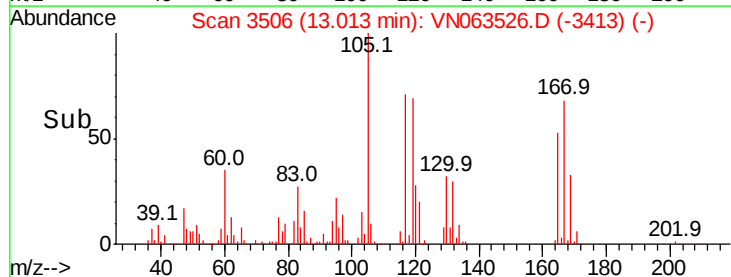
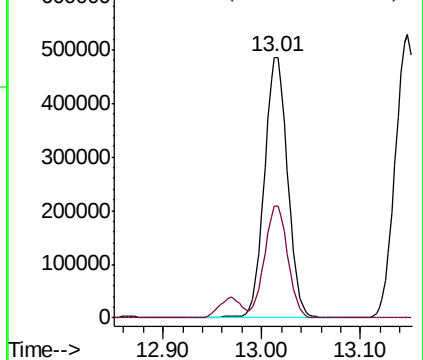
105 100

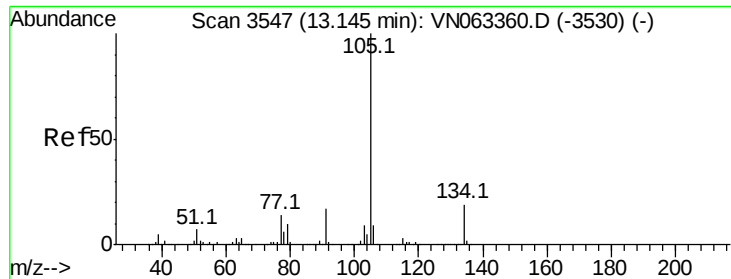
120 42.8 21.3 63.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

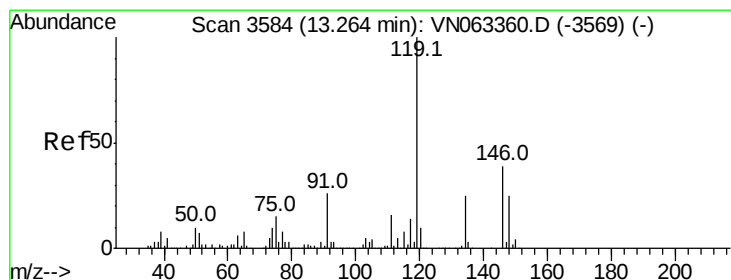
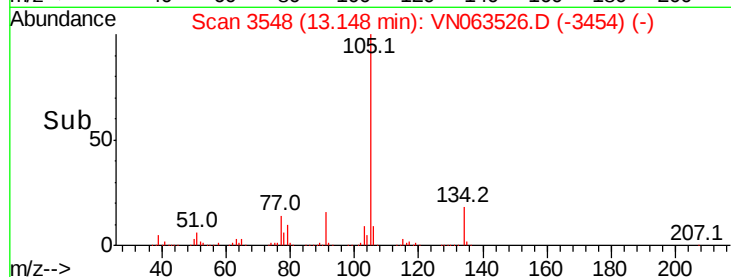
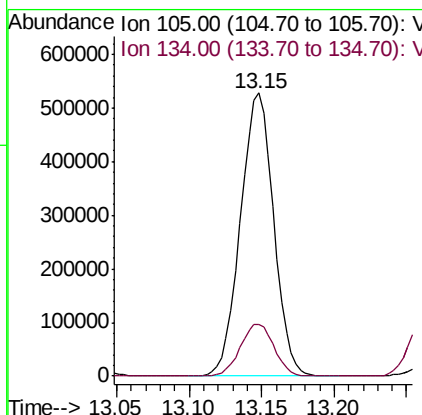
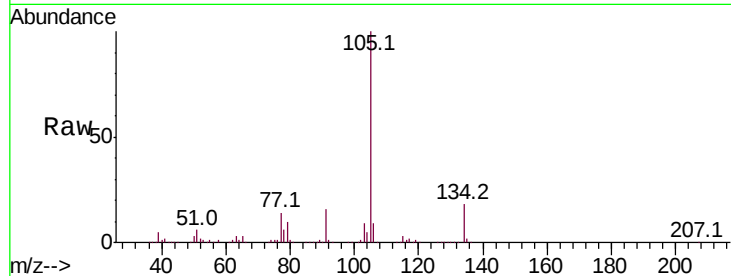




#85
 sec-Butylbenzene
 Concen: 49.055 ug/l
 RT: 13.15 min Scan# 3548
 Delta R.T. 0.00 min
 Lab File: VN063526.D
 Acq: 22 Sep 2020 12:08

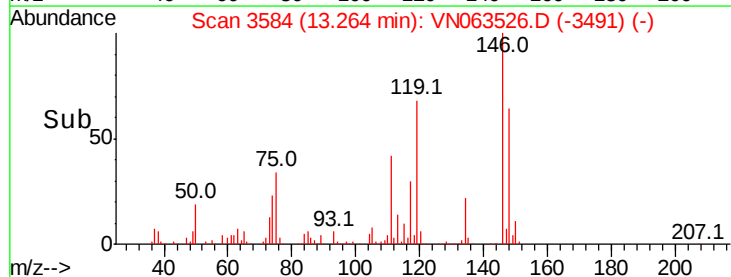
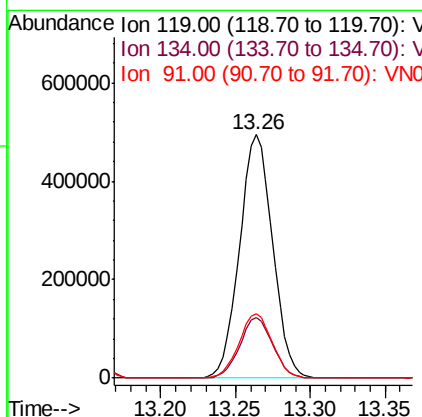
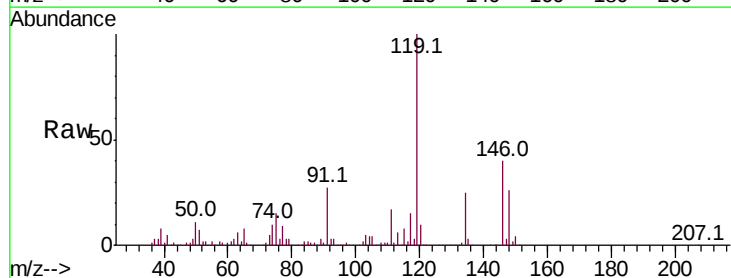
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

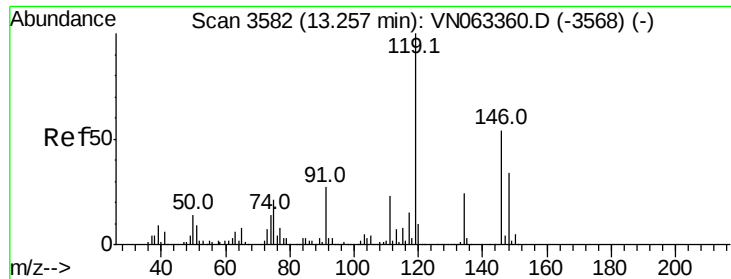
Tot Ion:105 Resp: 839180
 Ion Ratio Lower Upper
 105 100
 134 18.6 9.3 27.7



#86
 p-Isopropyltoluene
 Concen: 50.289 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. -0.00 min
 Lab File: VN063526.D
 Acq: 22 Sep 2020 12:08

Tgt Ion:119 Resp: 758783
 Ion Ratio Lower Upper
 119 100
 134 24.6 12.5 37.5
 91 26.7 13.4 40.1

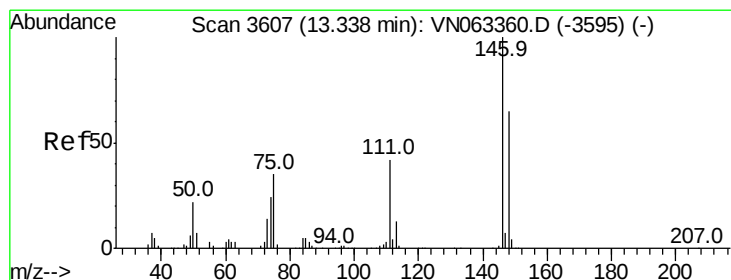
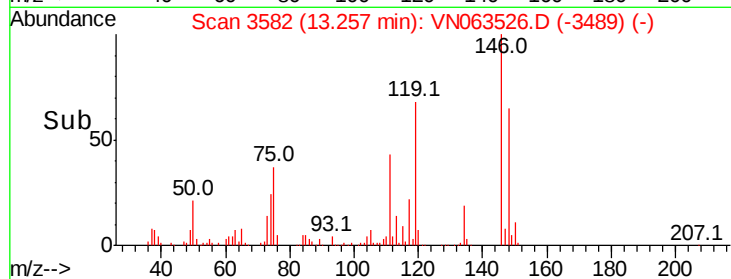
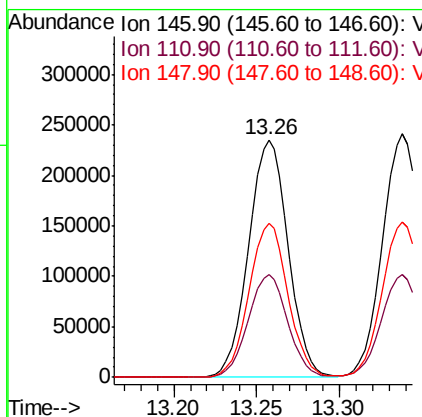
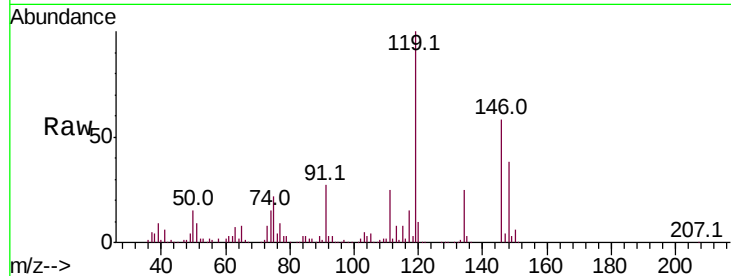




#87
 1,3-Dichlorobenzene
 Concen: 50.412 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN063526.D
 Acq: 22 Sep 2020 12:08

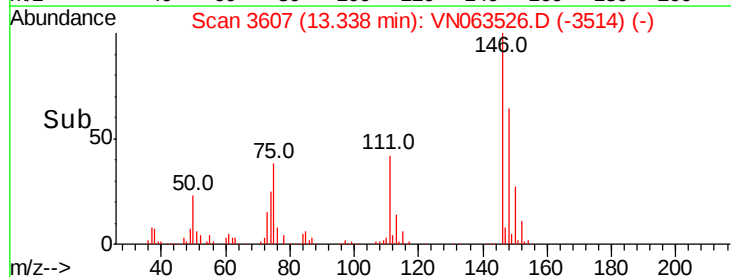
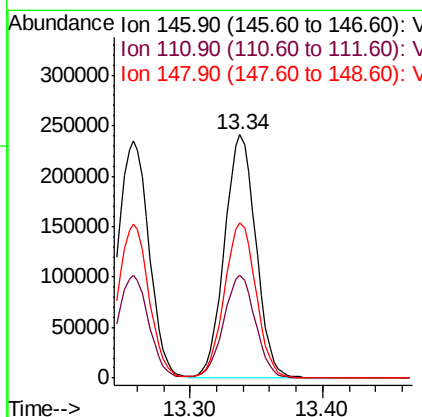
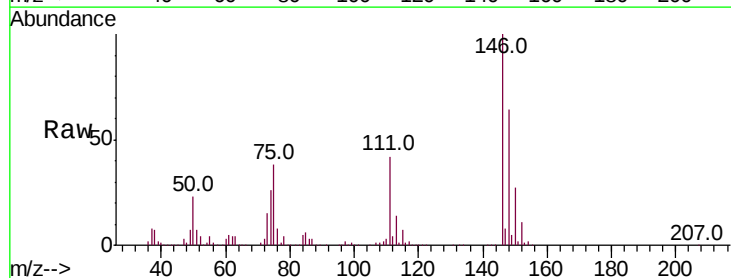
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

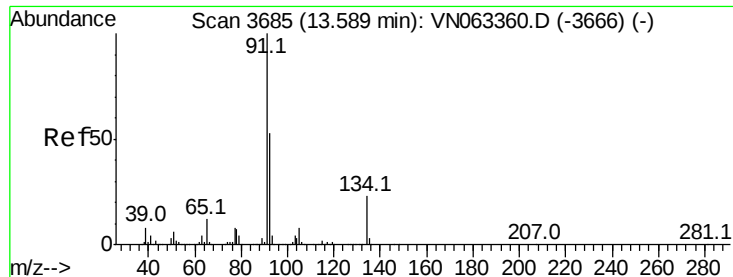
Tot Ion:146 Resp: 390293
 Ion Ratio Lower Upper
 146 100
 111 43.4 21.4 64.3
 148 64.3 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 50.235 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. -0.00 min
 Lab File: VN063526.D
 Acq: 22 Sep 2020 12:08

Tgt Ion:146 Resp: 395417
 Ion Ratio Lower Upper
 146 100
 111 42.5 21.2 63.6
 148 64.6 31.9 95.9

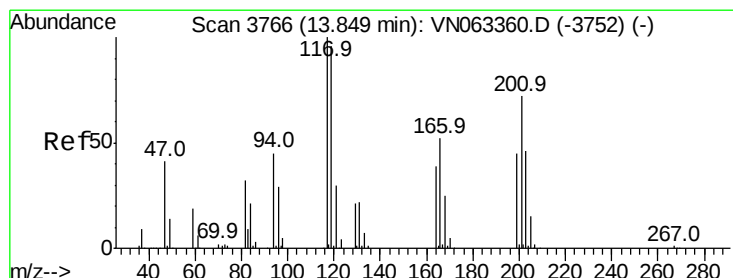
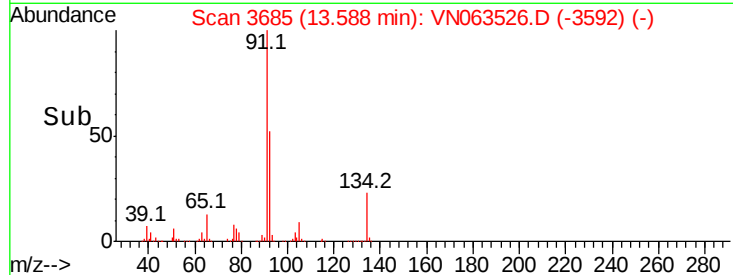
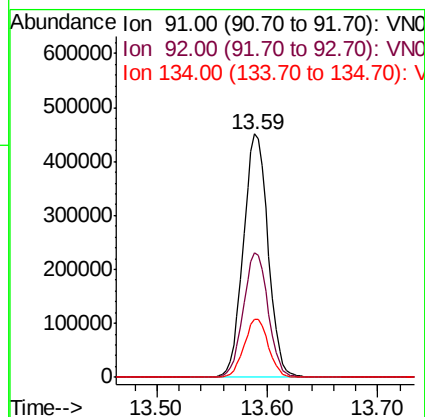
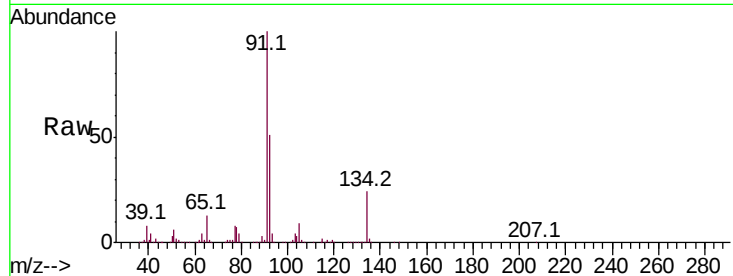




#89
n-Butylbenzene
Concen: 50.224 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN063526.D
Acq: 22 Sep 2020 12:08

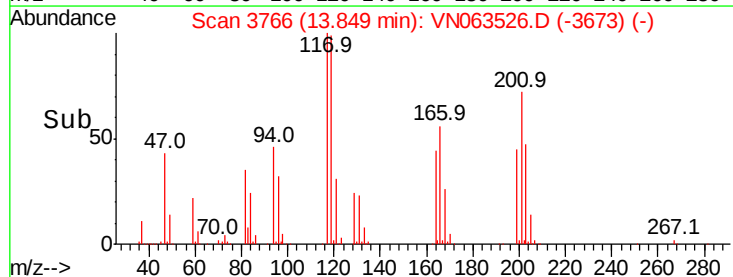
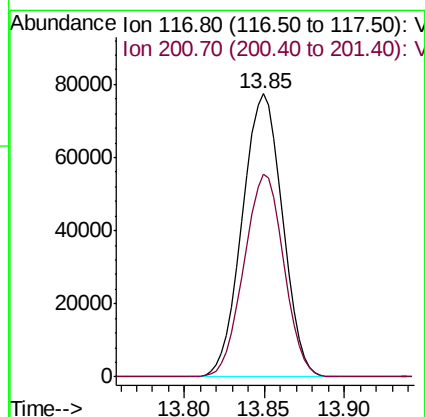
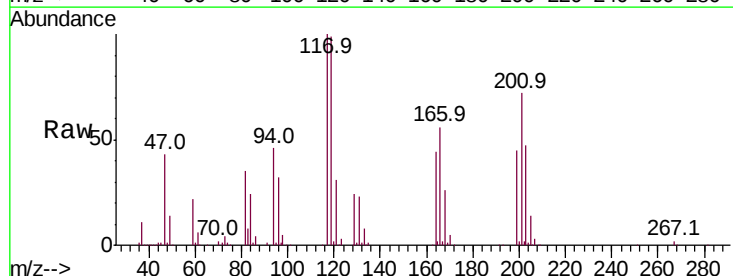
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.5	26.0	78.0
134	23.5	11.7	35.0



#90
Hexachloroethane
Concen: 46.235 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. -0.00 min
Lab File: VN063526.D
Acq: 22 Sep 2020 12:08

Tgt Ion	Ratio	Lower	Upper
117	100		
201	71.0	35.5	106.7

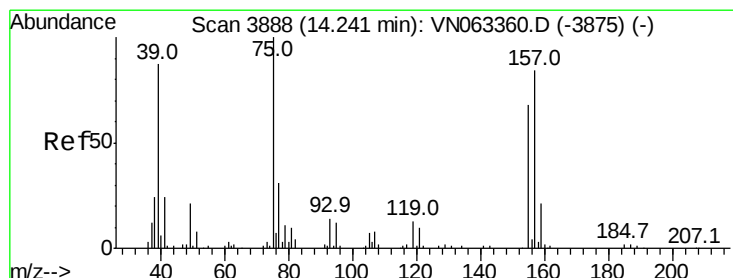
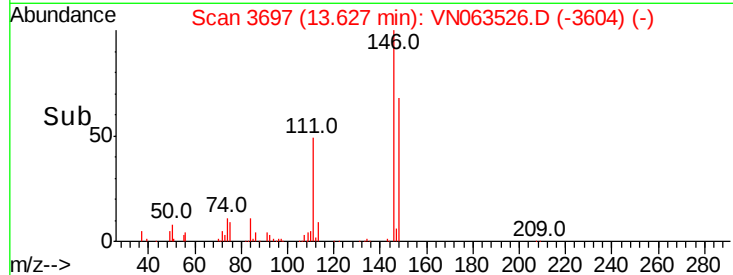
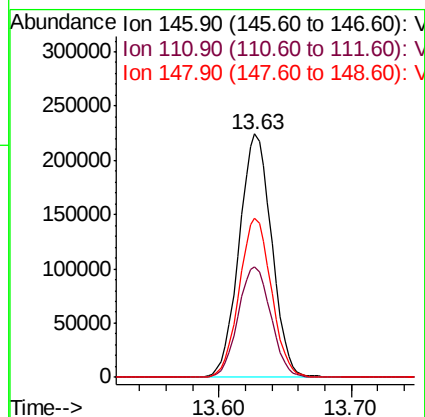
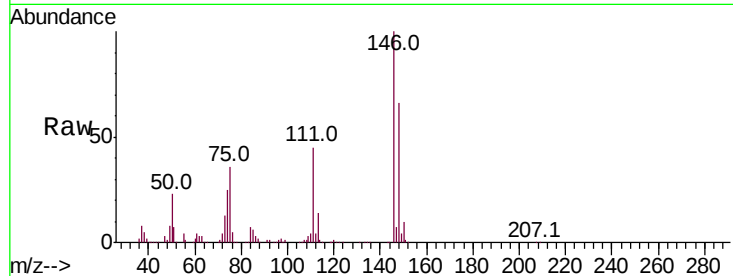




#91
 1,2-Dichlorobenzene
 Concen: 50.404 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: VN063526.D
 Acq: 22 Sep 2020 12:08

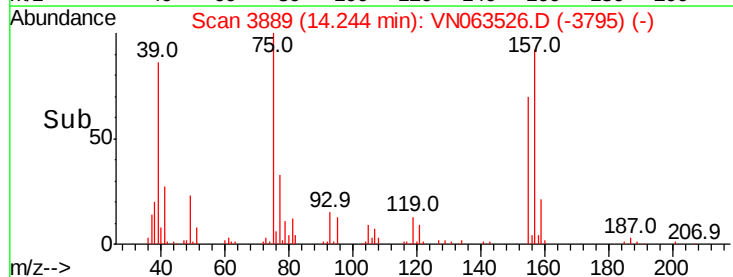
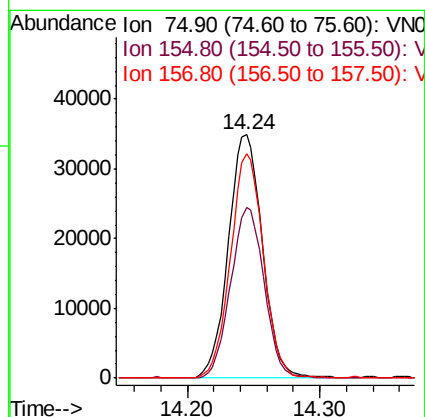
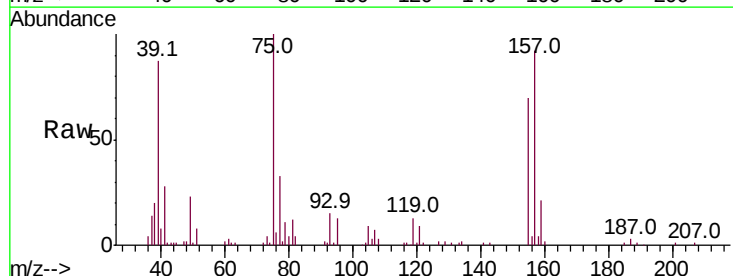
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

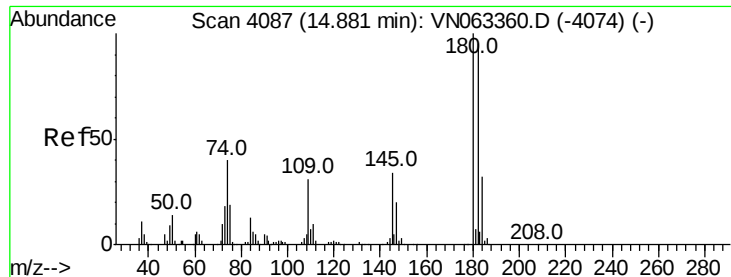
Tot Ion:146 Resp: 383119
 Ion Ratio Lower Upper
 146 100
 111 45.6 22.4 67.2
 148 64.6 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.553 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN063526.D
 Acq: 22 Sep 2020 12:08

Tgt Ion: 75 Resp: 62368
 Ion Ratio Lower Upper
 75 100
 155 68.6 34.6 103.9
 157 88.6 43.7 131.1





#93

1,2,4-Trichlorobenzene

Concen: 48.119 ug/l

RT: 14.88 min Scan# 4087

Delta R.T. -0.00 min

Lab File: VN063526.D

Acq: 22 Sep 2020 12:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

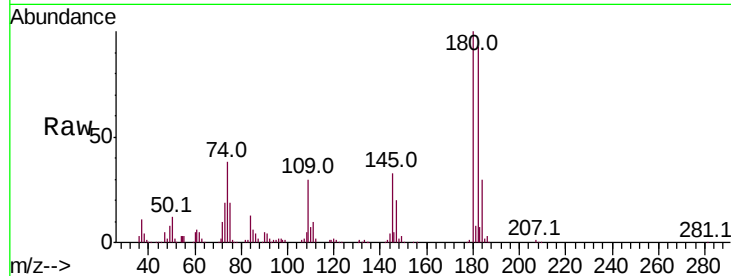
Tot Ion:180 Resp: 215625

Ion Ratio Lower Upper

180 100

182 94.4 47.3 142.0

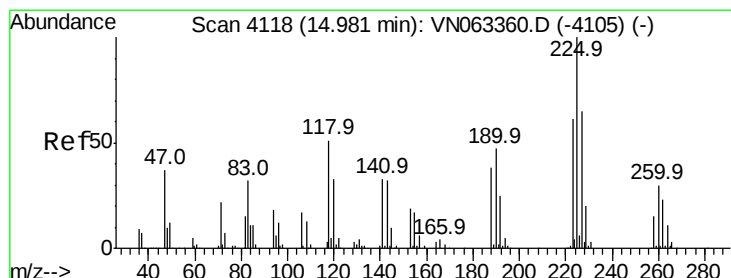
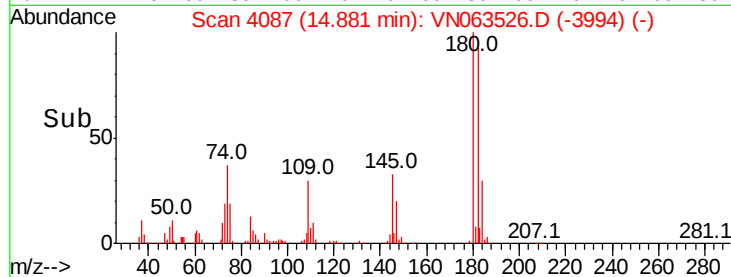
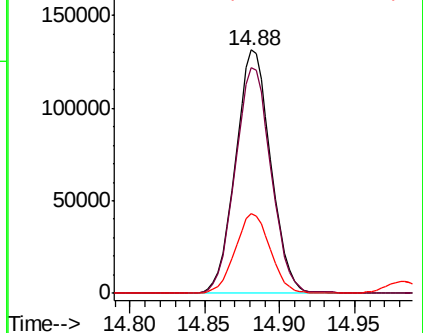
145 32.7 16.6 49.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 55.099 ug/l

RT: 14.98 min Scan# 4119

Delta R.T. 0.00 min

Lab File: VN063526.D

Acq: 22 Sep 2020 12:08

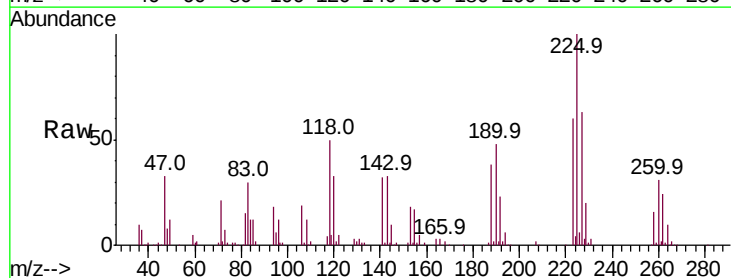
Tgt Ion:225 Resp: 102215

Ion Ratio Lower Upper

225 100

223 60.7 30.6 91.6

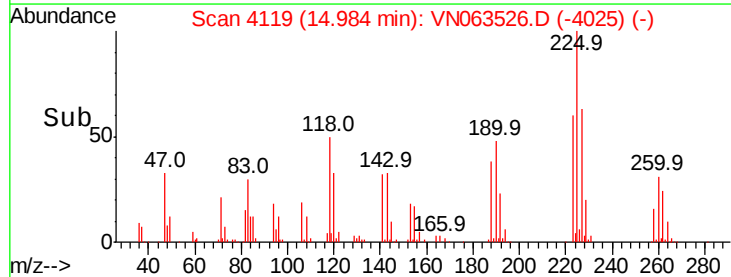
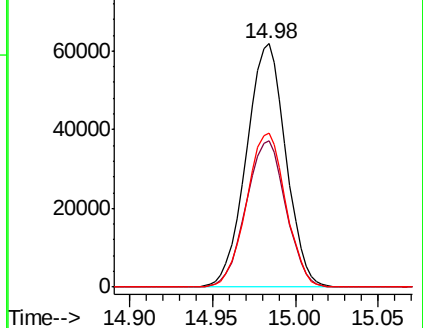
227 62.8 31.2 93.6

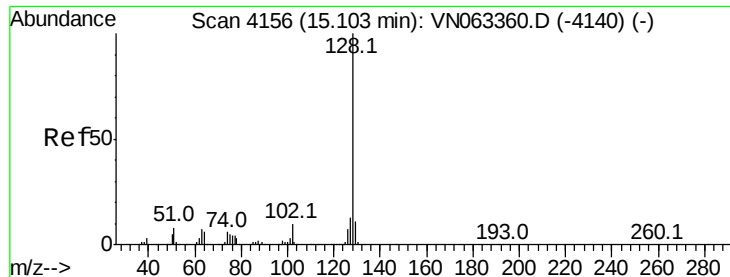


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 45.540 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. -0.00 min

Lab File: VN063526.D

Acq: 22 Sep 2020 12:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

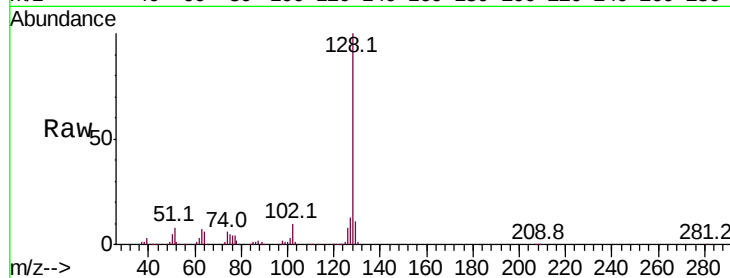
Tot Ion:128 Resp: 674201

Ion Ratio Lower Upper

128 100

127 13.3 10.6 15.8

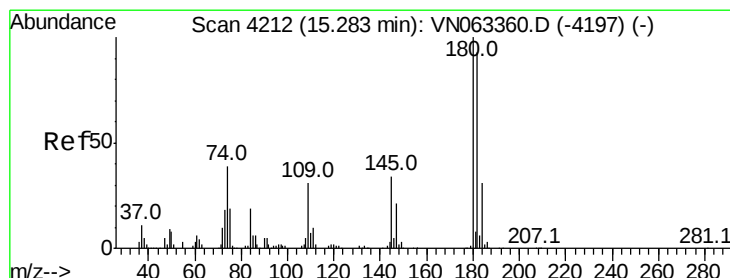
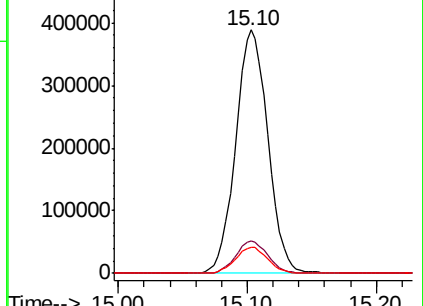
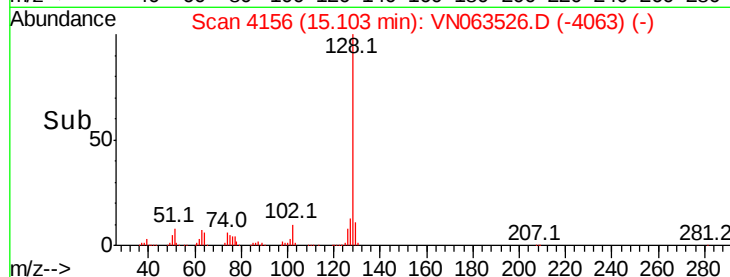
129 10.8 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 46.301 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. -0.00 min

Lab File: VN063526.D

Acq: 22 Sep 2020 12:08

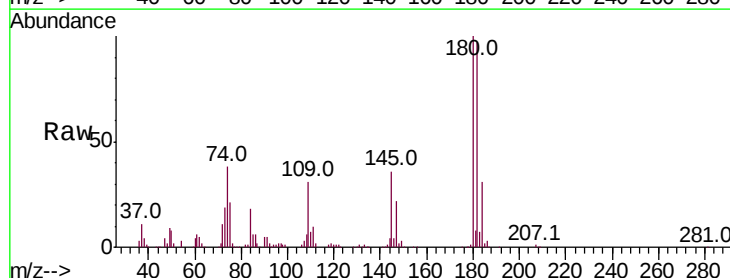
Tgt Ion:180 Resp: 200467

Ion Ratio Lower Upper

180 100

182 96.8 46.7 140.1

145 34.9 16.8 50.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

