

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092420\
 Data File : VN063619.D
 Acq On : 24 Sep 2020 11:13
 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 24 16:50:06 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	254844	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	418545	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	397033	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	198957	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.98	65	204239	47.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.16%	
35) Dibromofluoromethane	7.55	113	143302	49.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.92%	
50) Toluene-d8	10.06	98	547019	50.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.42%	
62) 4-Bromofluorobenzene	12.38	95	210488	52.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.40%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.83	85	127169	44.046	ug/l 99
3) Chloromethane	2.04	50	155641	40.750	ug/l 99
4) Vinyl Chloride	2.17	62	154820	45.752	ug/l 100
5) Bromomethane	2.53	94	98294	48.923	ug/l 95
6) Chloroethane	2.67	64	98276	47.312	ug/l 96
7) Trichlorofluoromethane	2.99	101	246730	48.870	ug/l 98
8) Diethyl Ether	3.37	74	86929	44.168	ug/l 95
9) 1,1,2-Trichlorotrifluoroet	3.72	101	133263	46.935	ug/l 96
10) Methyl Iodide	3.91	142	164703	44.555	ug/l 99
11) Tert butyl alcohol	4.72	59	111134	184.920	ug/l 100
12) 1,1-Dichloroethene	3.70	96	126350	43.934	ug/l 99
13) Acrolein	3.57	56	60203	270.313	ug/l 98
14) Allyl chloride	4.28	41	241815	42.509	ug/l 97
15) Acrylonitrile	4.93	53	341054	223.100	ug/l 100
16) Acetone	3.77	43	307291	220.407	ug/l 98
17) Carbon Disulfide	4.01	76	342000	40.883	ug/l 99
18) Methyl Acetate	4.28	43	165977	46.895	ug/l 99
19) Methyl tert-butyl Ether	4.99	73	470377	43.884	ug/l 99
20) Methylene Chloride	4.51	84	155412	43.996	ug/l 96
21) trans-1,2-Dichloroethene	4.99	96	142669	44.776	ug/l 95
22) Diisopropyl ether	5.90	45	515278	44.414	ug/l 97
23) Vinyl Acetate	5.84	43	2114415	221.913	ug/l 99
24) 1,1-Dichloroethane	5.80	63	280976	44.360	ug/l 98
25) 2-Butanone	6.78	43	471035	219.674	ug/l 100
26) 2,2-Dichloropropane	6.78	77	245580	44.037	ug/l 100
27) cis-1,2-Dichloroethene	6.78	96	166604	46.196	ug/l 100
28) Bromochloromethane	7.15	49	135296	46.261	ug/l 98
29) Tetrahydrofuran	7.16	42	314129	214.500	ug/l 99
30) Chloroform	7.33	83	295824	46.551	ug/l 99
31) Cyclohexane	7.61	56	240357	40.117	ug/l 100
32) 1,1,1-Trichloroethane	7.53	97	259698	45.946	ug/l 99
36) 1,1-Dichloropropene	7.75	75	214964	48.209	ug/l 99
37) Ethyl Acetate	6.88	43	195297	44.626	ug/l 99
38) Carbon Tetrachloride	7.73	117	226414	49.742	ug/l 99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	218012	45.049	ug/l	98
40) Benzene	8.00	78	614974	48.314	ug/l	97
41) Methacrylonitrile	7.16	41	298079	151.439	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	255316	49.877	ug/l	99
43) Isopropyl Acetate	8.13	43	351693	44.943	ug/l #	90
44) Trichloroethene	8.80	130	155044	50.220	ug/l	98
45) 1,2-Dichloropropane	9.08	63	166863	48.132	ug/l	98
46) Dibromomethane	9.17	93	113640	49.873	ug/l	99
47) Bromodichloromethane	9.37	83	239396	50.573	ug/l	100
48) Methyl methacrylate	9.16	41	173997	45.257	ug/l	95
49) 1,4-Dioxane	9.16	88	47822	866.769	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	1054189	240.634	ug/l	100
52) Toluene	10.12	92	386924	50.558	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	254106	48.084	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	271114	48.637	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	154679	50.884	ug/l	99
56) Ethyl methacrylate	10.40	69	229092	48.276	ug/l	98
57) 1,3-Dichloropropane	10.68	76	266764	48.664	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	597500	240.018	ug/l	97
59) 2-Hexanone	10.72	43	764535	240.887	ug/l	100
60) Dibromochloromethane	10.87	129	174497	50.812	ug/l	99
61) 1,2-Dibromoethane	10.98	107	160091	50.692	ug/l	99
64) Tetrachloroethene	10.60	164	140845	52.097	ug/l	98
65) Chlorobenzene	11.41	112	411391	48.813	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	156847	50.770	ug/l	99
67) Ethyl Benzene	11.48	91	769696	48.496	ug/l	100
68) m/p-Xylenes	11.59	106	566375	98.975	ug/l	99
69) o-Xylene	11.92	106	268374	49.232	ug/l	99
70) Styrene	11.94	104	472705	51.709	ug/l	99
71) Bromoform	12.10	173	117259	50.949	ug/l #	100
73) Isopropylbenzene	12.23	105	735410	46.127	ug/l	99
74) N-amyl acetate	12.05	43	321394	42.585	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	224721	45.522	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	304042	61.741	ug/l #	100
77) Bromobenzene	12.50	156	173597	48.405	ug/l	94
78) n-propylbenzene	12.57	91	879174	47.345	ug/l	100
79) 2-Chlorotoluene	12.65	91	519124	46.636	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	635401	47.794	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	75944	42.281	ug/l	96
82) 4-Chlorotoluene	12.75	91	554460	47.143	ug/l	100
83) tert-Butylbenzene	12.97	119	507647	46.265	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	638143	47.521	ug/l	99
85) sec-Butylbenzene	13.15	105	682085	46.440	ug/l	100
86) p-Isopropyltoluene	13.26	119	613780	47.379	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	319085	48.003	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	324585	48.029	ug/l	99
89) n-Butylbenzene	13.59	91	565291	47.341	ug/l	98
90) Hexachloroethane	13.85	117	111585	45.235	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	316302	48.468	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	48690	41.420	ug/l	98

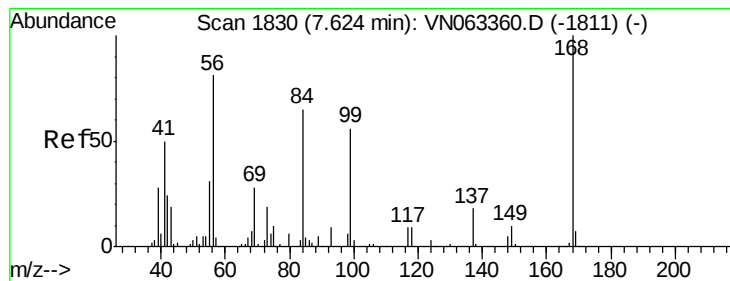
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092420\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	170302	44.265	ug/l	97
94) Hexachlorobutadiene	14.98	225	82529	51.815	ug/l	99
95) Naphthalene	15.10	128	535078	42.096	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	164233	44.180	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN063619.D

Acq: 24 Sep 2020 11:13

Instrument :

MSVOA_N

ClientSampleId :

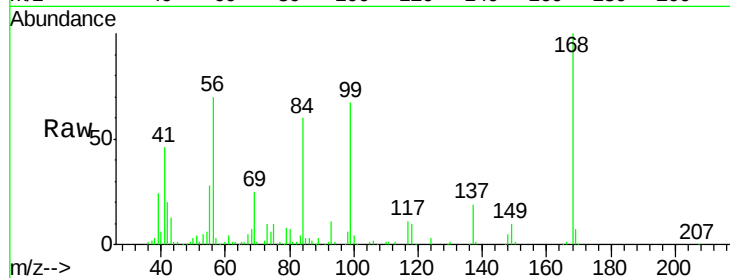
VSTDCCC050

Tgt Ion:168 Resp: 254844

Ion Ratio Lower Upper

168 100

99 66.4 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

120000

100000

80000

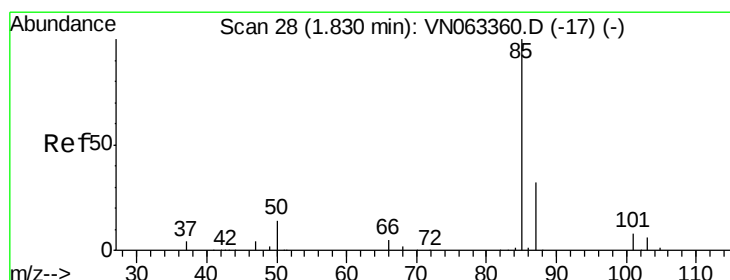
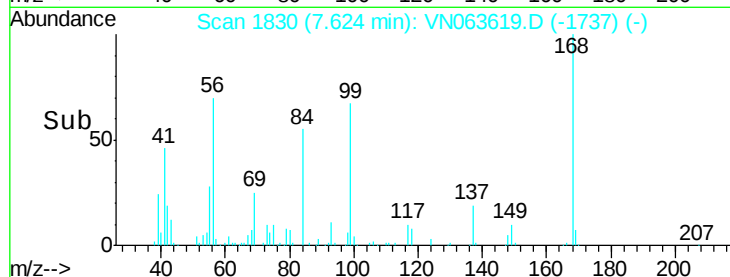
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 44.046 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063619.D

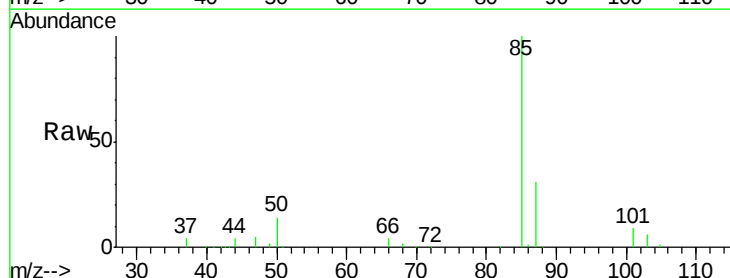
Acq: 24 Sep 2020 11:13

Tgt Ion: 85 Resp: 127169

Ion Ratio Lower Upper

85 100

87 31.2 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

100000

80000

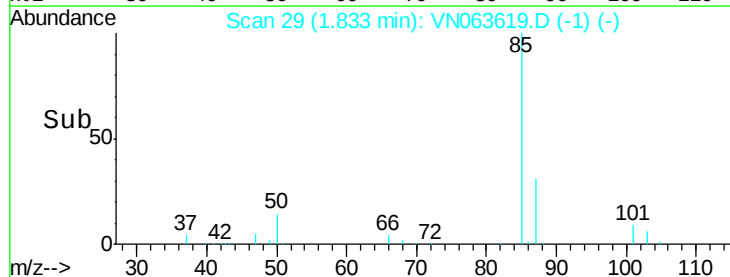
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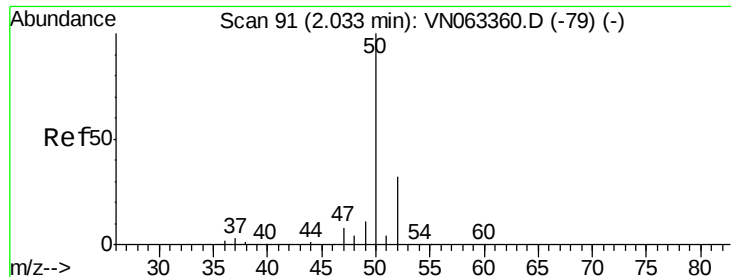
40000

20000

0

Time--> 1.75 1.80 1.85 1.90

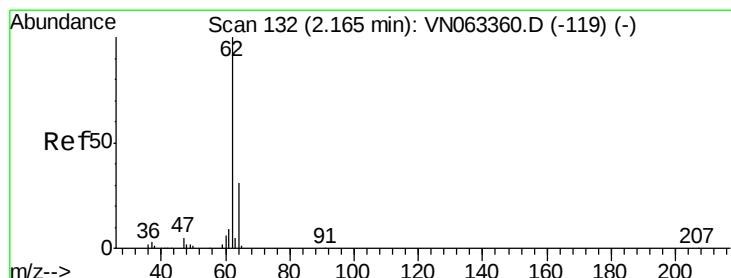
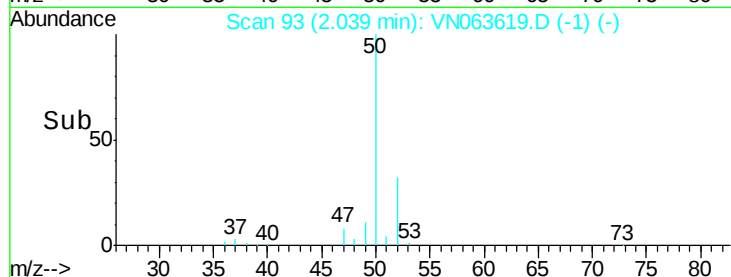
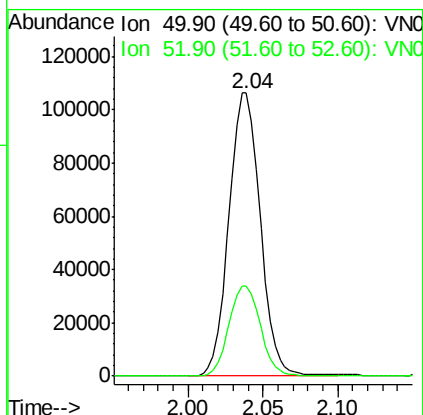
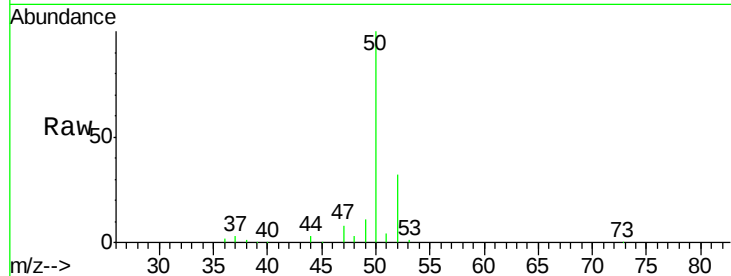




#3
Chloromethane
Concen: 40.750 ug/l
RT: 2.04 min Scan# 93
Delta R.T. 0.01 min
Lab File: VN063619.D
Acq: 24 Sep 2020 11:13

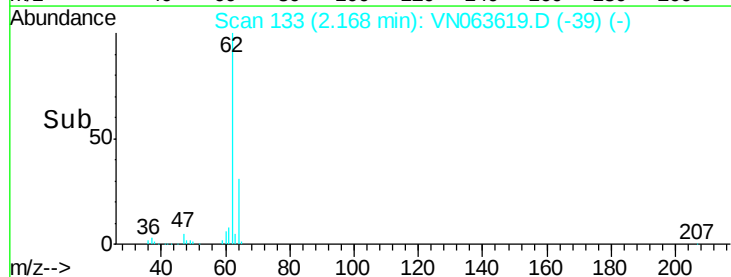
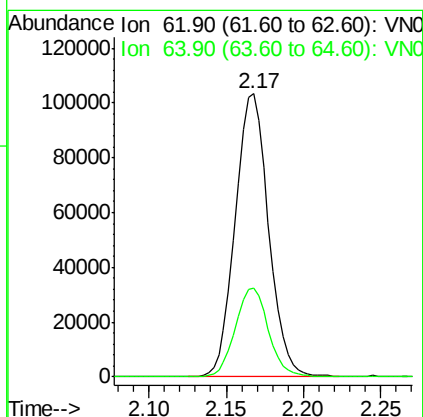
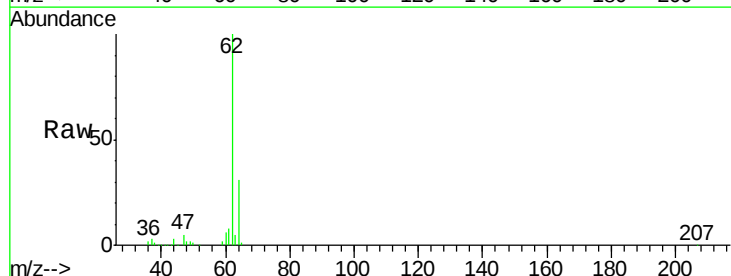
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

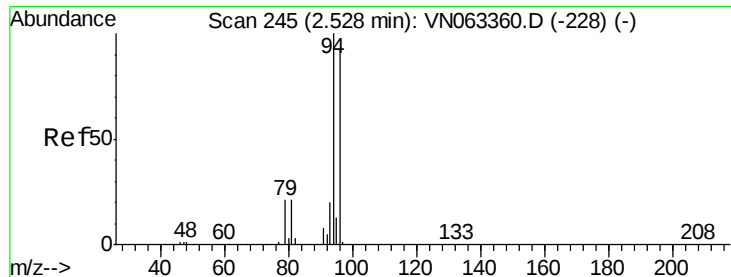
Tgt Ion: 50 Resp: 155641
Ion Ratio Lower Upper
50 100
52 32.0 25.9 38.9



#4
Vinyl Chloride
Concen: 45.752 ug/l
RT: 2.17 min Scan# 133
Delta R.T. 0.00 min
Lab File: VN063619.D
Acq: 24 Sep 2020 11:13

Tgt Ion: 62 Resp: 154820
Ion Ratio Lower Upper
62 100
64 31.4 25.1 37.7

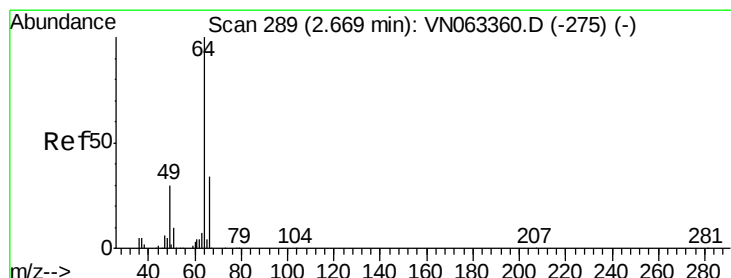
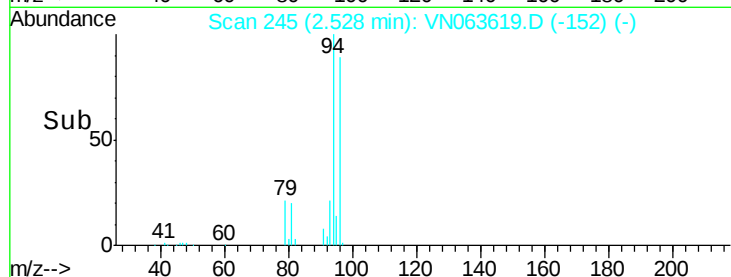
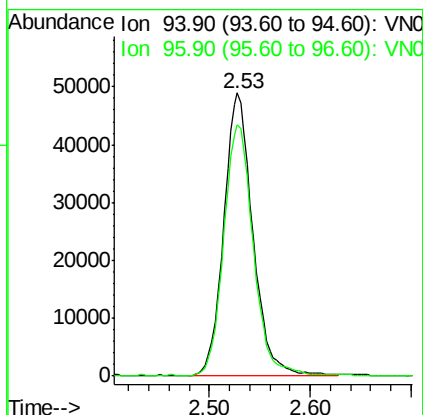
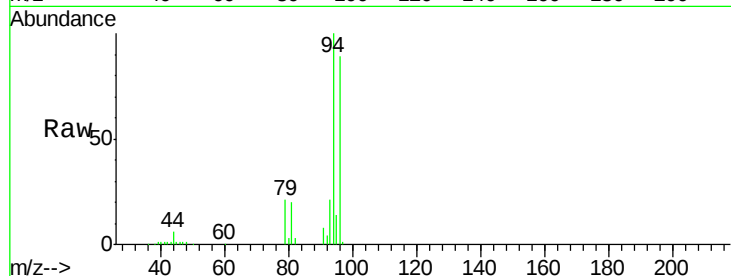




#5
 Bromomethane
 Concen: 48.923 ug/l
 RT: 2.53 min Scan# 245
 Delta R.T. -0.00 min
 Lab File: VN063619.D
 Acq: 24 Sep 2020 11:13

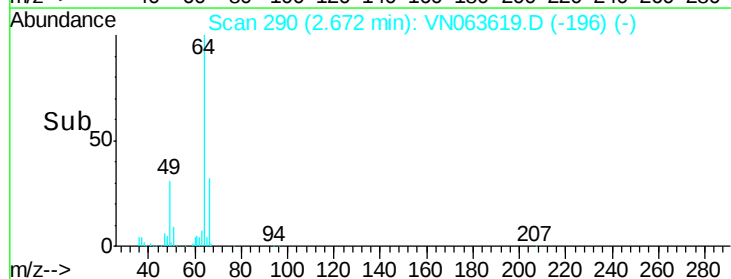
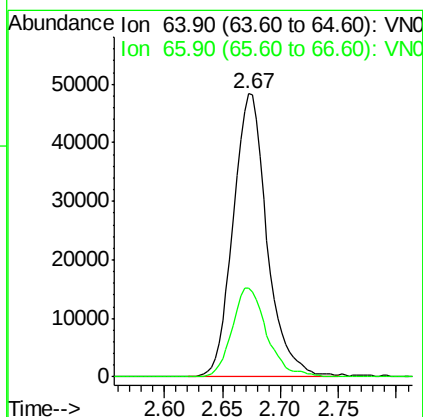
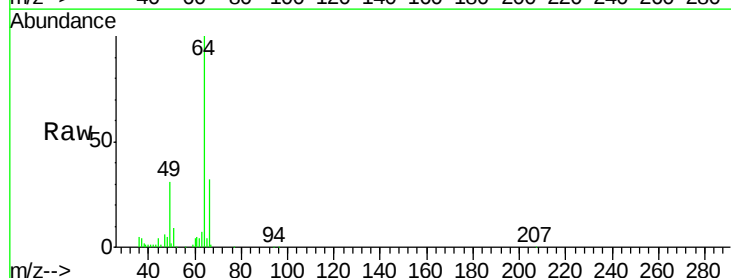
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

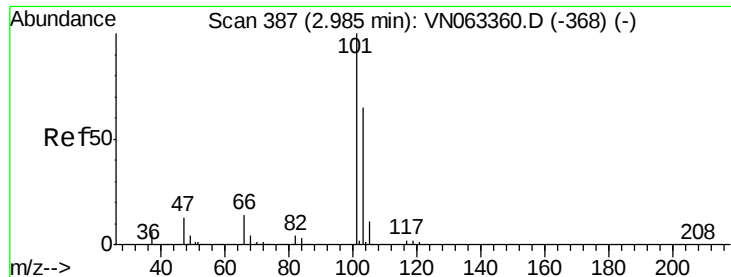
Tgt Ion: 94 Resp: 98294
 Ion Ratio Lower Upper
 94 100
 96 88.7 74.5 111.7



#6
 Chloroethane
 Concen: 47.312 ug/l
 RT: 2.67 min Scan# 290
 Delta R.T. 0.00 min
 Lab File: VN063619.D
 Acq: 24 Sep 2020 11:13

Tgt Ion: 64 Resp: 98276
 Ion Ratio Lower Upper
 64 100
 66 31.6 26.9 40.3



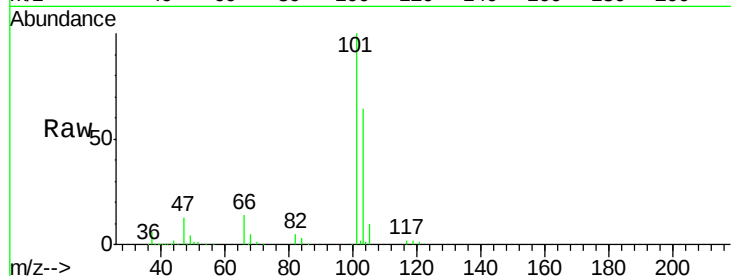


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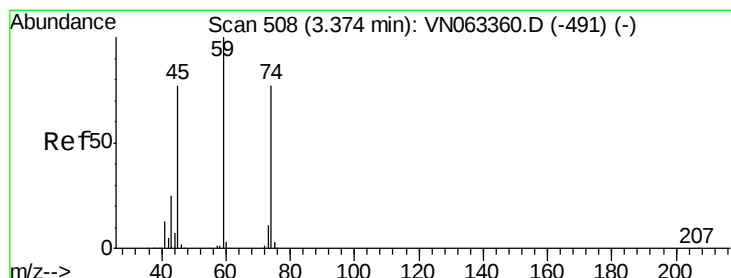
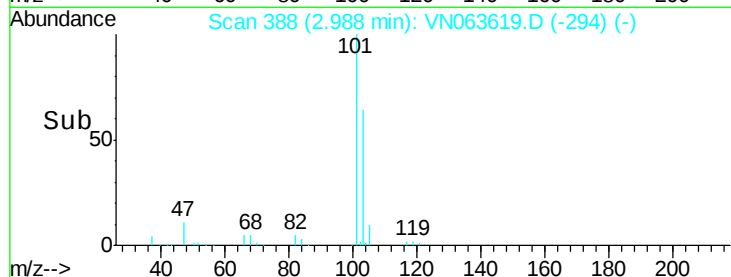
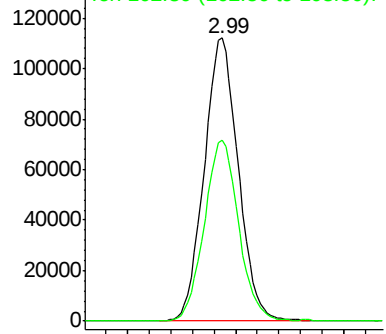
Trichlorofluoromethane
Concen: 48.870 ug/l
RT: 2.99 min Scan# 388
Delta R.T. 0.00 min
Lab File: VN063619.D
Acq: 24 Sep 2020 11:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 246730
Ion Ratio Lower Upper
101 100
103 64.1 52.3 78.5



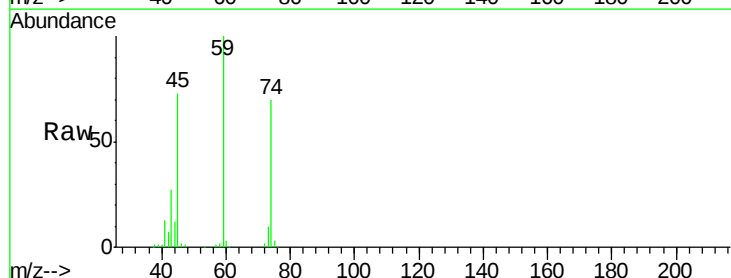
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



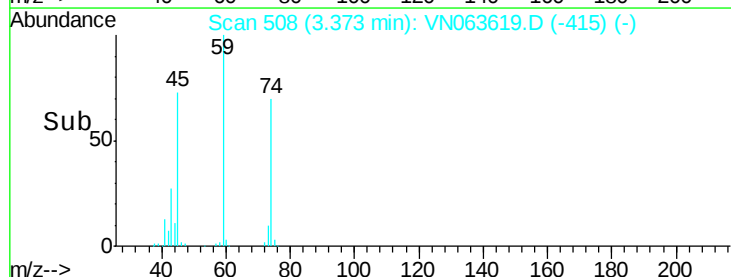
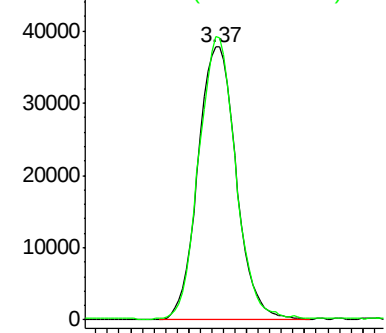
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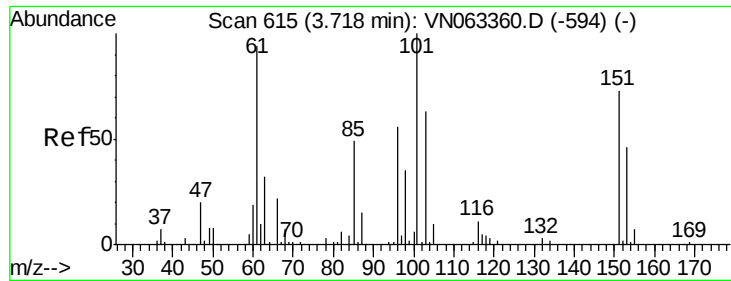
Diethyl Ether
Concen: 44.168 ug/l
RT: 3.37 min Scan# 508
Delta R.T. -0.00 min
Lab File: VN063619.D
Acq: 24 Sep 2020 11:13

Tgt Ion: 74 Resp: 86929
Ion Ratio Lower Upper
74 100
45 99.7 52.1 156.4



Abundance Ion 74.00 (73.70 to 74.70): VNO
Ion 45.00 (44.70 to 45.70): VNO

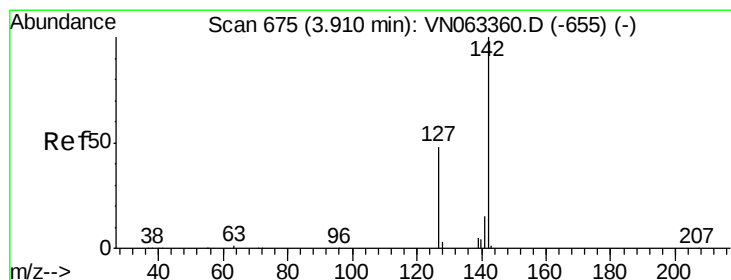
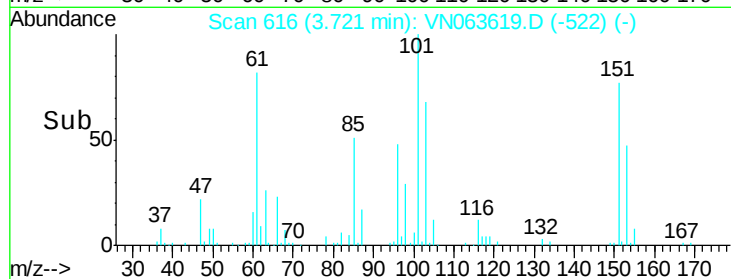
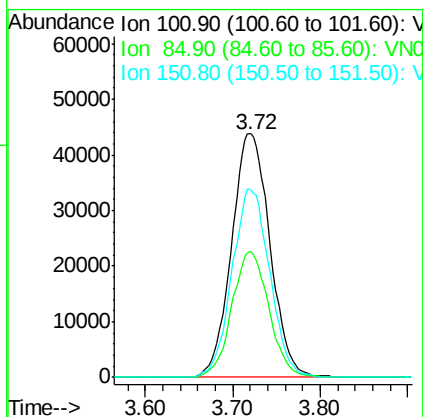
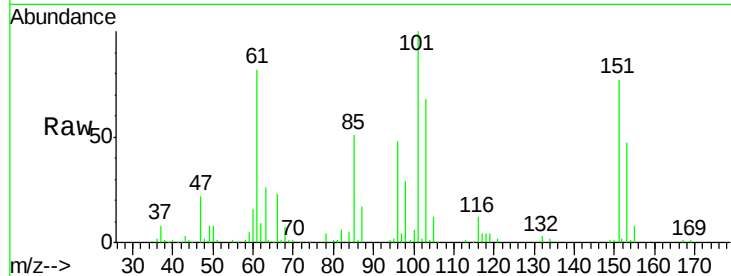




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 46.935 ug/l
 RT: 3.72 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: VN063619.D
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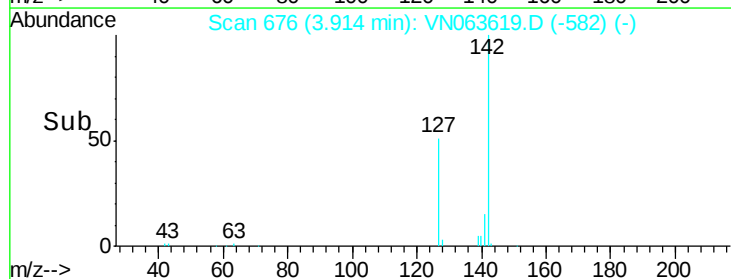
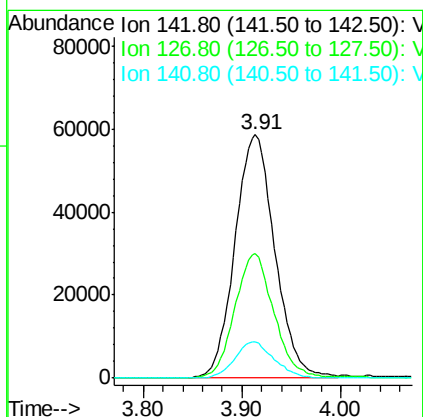
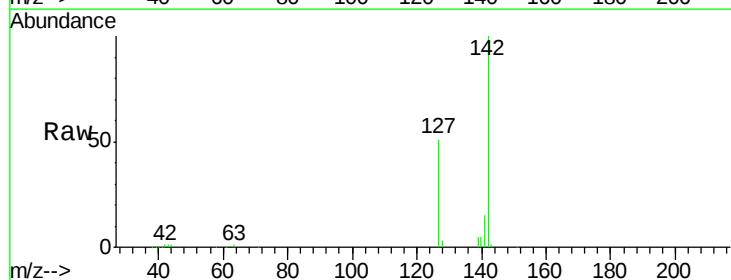
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

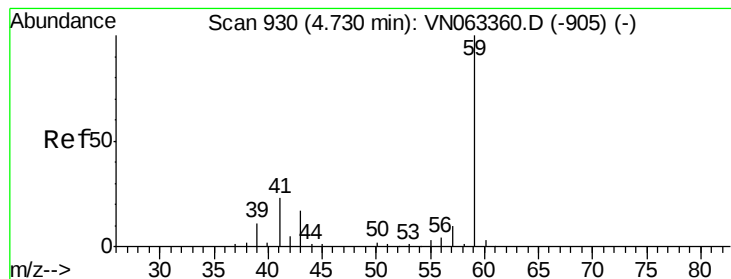
Tgt Ion:101 Resp: 133263
 Ion Ratio Lower Upper
 101 100
 85 49.8 37.7 56.5
 151 76.1 57.7 86.5



#10
 Methyl Iodide
 Concen: 44.555 ug/l
 RT: 3.91 min Scan# 676
 Delta R.T. 0.00 min
 Lab File: VN063619.D
 Acq: 24 Sep 2020 11:13

Tgt Ion:142 Resp: 164703
 Ion Ratio Lower Upper
 142 100
 127 50.0 39.0 58.6
 141 14.7 11.6 17.4



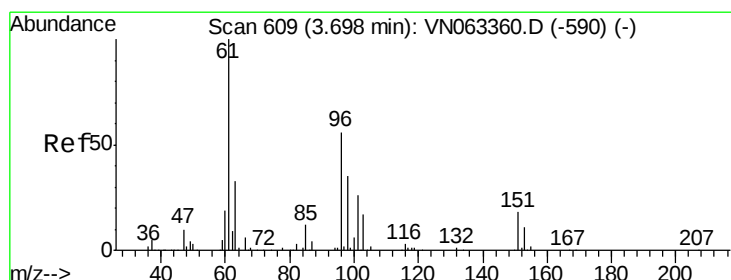
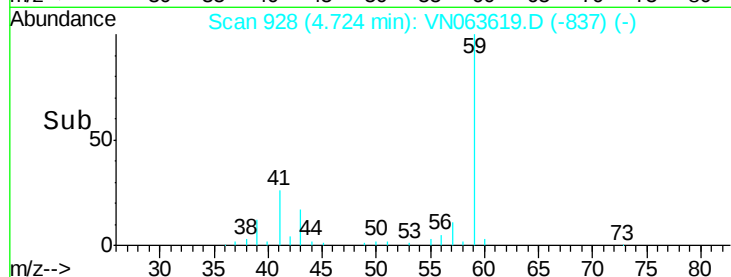
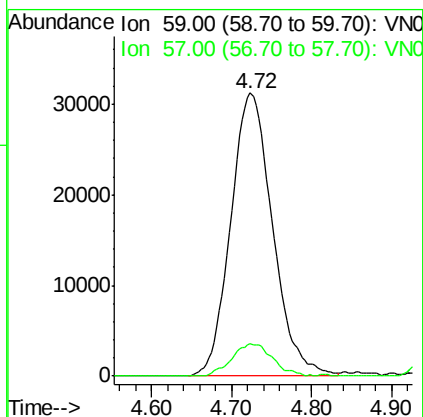
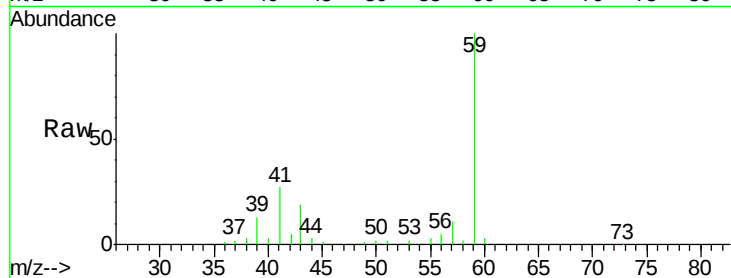


#11

Tert butyl alcohol
 Concen: 184.920 ug/l
 RT: 4.72 min Scan# 928
 Delta R.T. -0.01 min
 Lab File: VN063619.D
 Acq: 24 Sep 2020 11:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

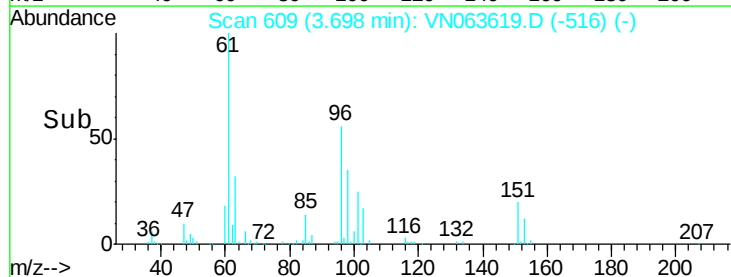
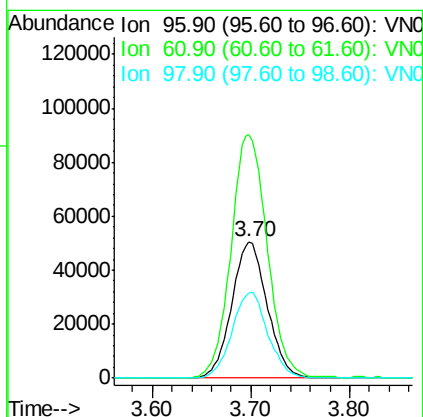
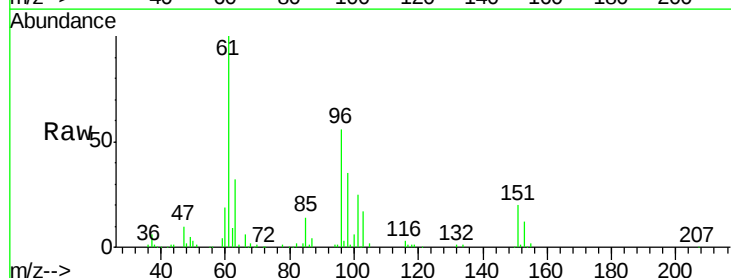
Tgt Ion: 59 Resp: 111134
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.4 12.6

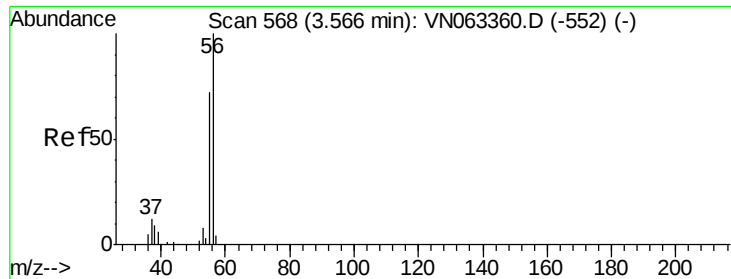


#12

1,1-Dichloroethene
 Concen: 43.934 ug/l
 RT: 3.70 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: VN063619.D
 Acq: 24 Sep 2020 11:13

Tgt Ion: 96 Resp: 126350
 Ion Ratio Lower Upper
 96 100
 61 178.3 143.4 215.2
 98 62.5 50.6 76.0





#13

Acrolein

Concen: 270.313 ug/l

RT: 3.57 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN063619.D

Acq: 24 Sep 2020 11:13

Instrument :

MSVOA_N

ClientSampleId :

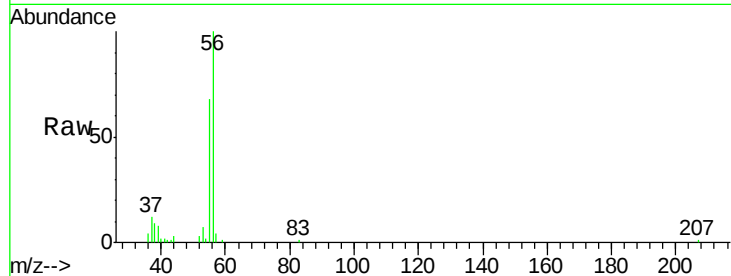
VSTDCCC050

Tgt Ion: 56 Resp: 60203

Ion Ratio Lower Upper

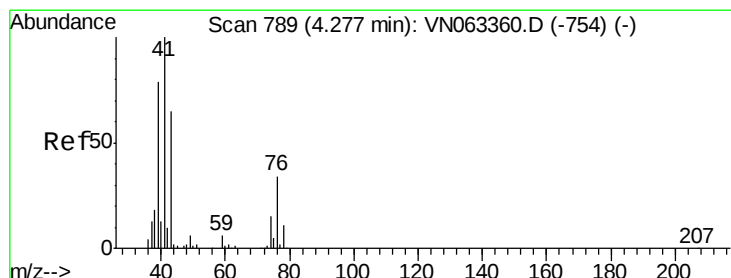
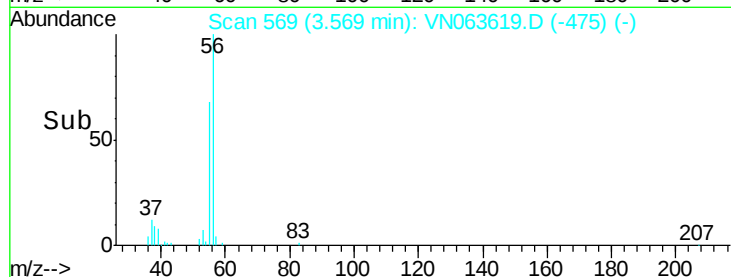
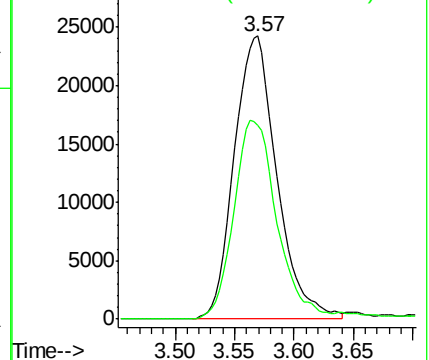
56 100

55 70.6 58.2 87.2



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 42.509 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063619.D

Acq: 24 Sep 2020 11:13

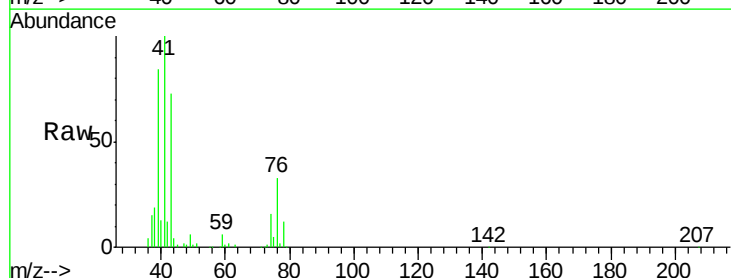
Tgt Ion: 41 Resp: 241815

Ion Ratio Lower Upper

41 100

39 77.3 59.3 88.9

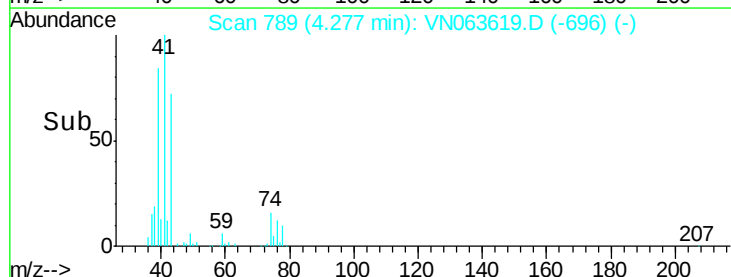
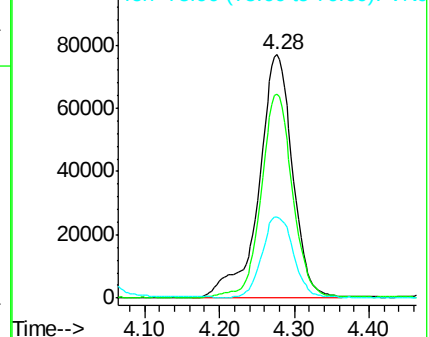
76 31.5 25.3 37.9

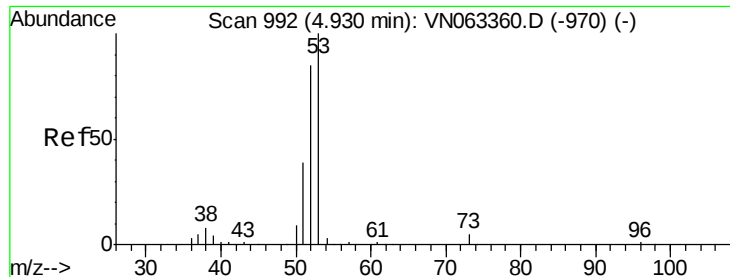


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 223.100 ug/l

RT: 4.93 min Scan# 991

Delta R.T. -0.00 min

Lab File: VN063619.D

Acq: 24 Sep 2020 11:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

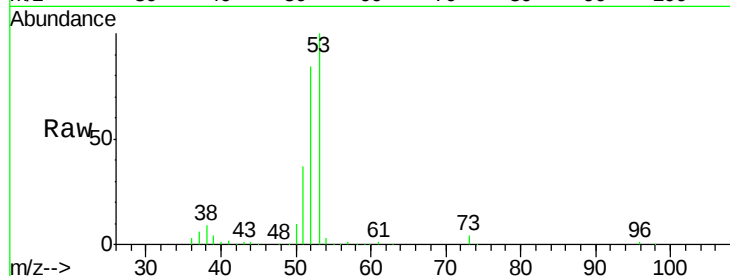
Tgt Ion: 53 Resp: 341054

Ion Ratio Lower Upper

53 100

52 82.7 66.4 99.6

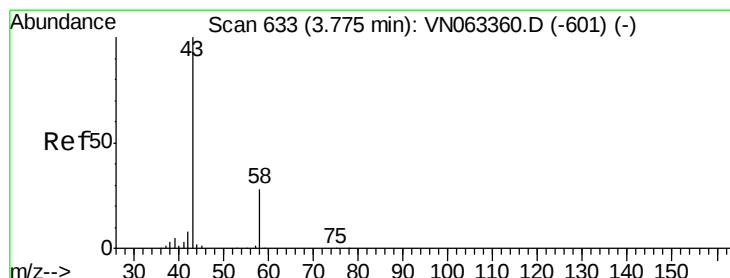
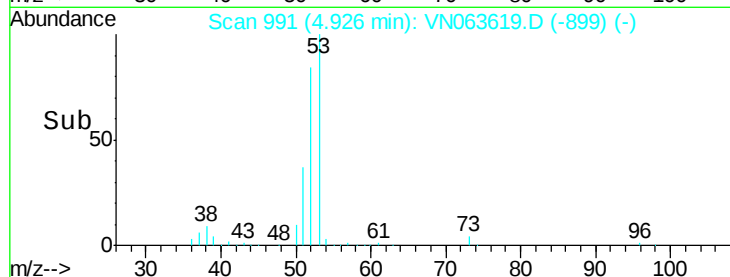
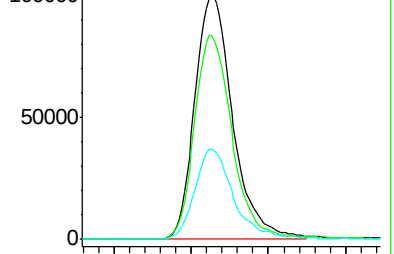
51 37.9 30.2 45.4



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) (-)



#16

Acetone

Concen: 220.407 ug/l

RT: 3.77 min Scan# 632

Delta R.T. -0.00 min

Lab File: VN063619.D

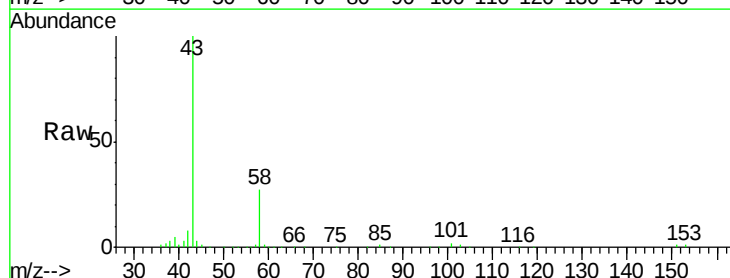
Acq: 24 Sep 2020 11:13

Tgt Ion: 43 Resp: 307291

Ion Ratio Lower Upper

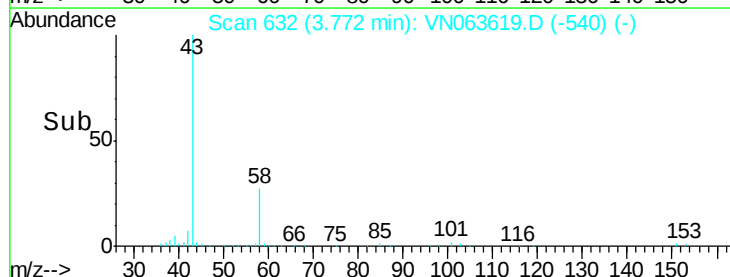
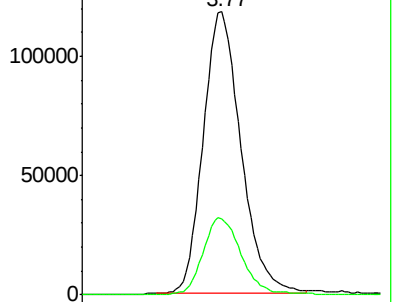
43 100

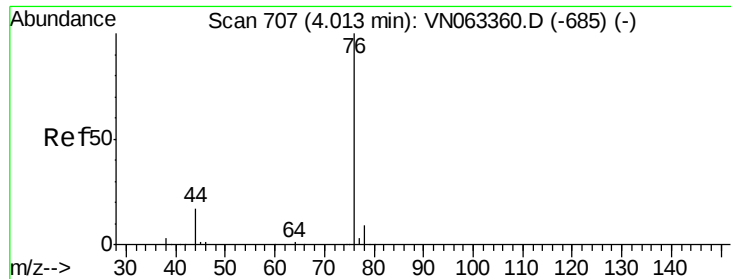
58 27.1 22.3 33.5



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

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

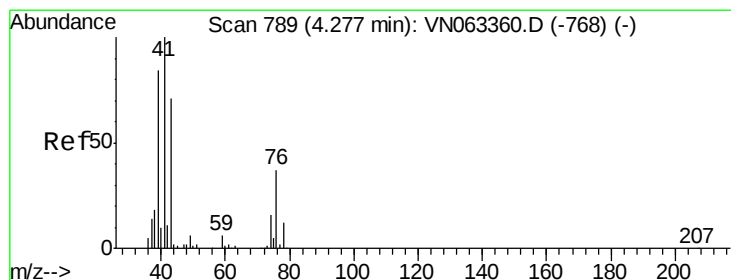
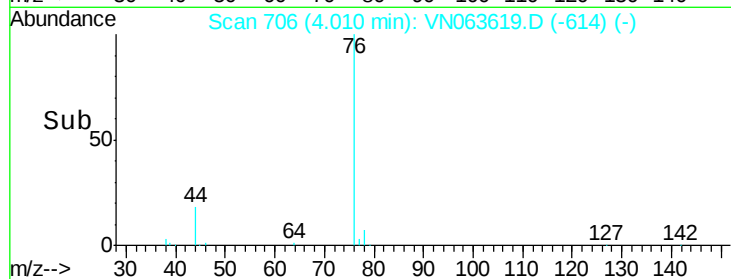
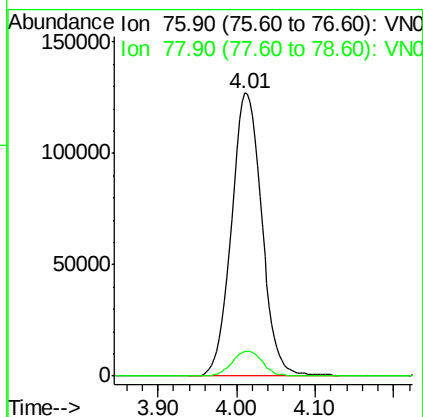
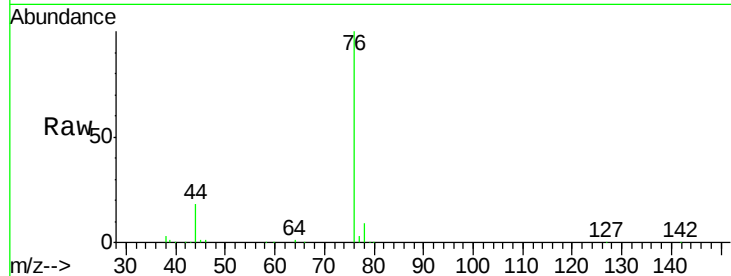




#17
Carbon Disulfide
Concen: 40.883 ug/l
RT: 4.01 min Scan# 706
Delta R.T. -0.00 min
Lab File: VN063619.D
Acq: 24 Sep 2020 11:13

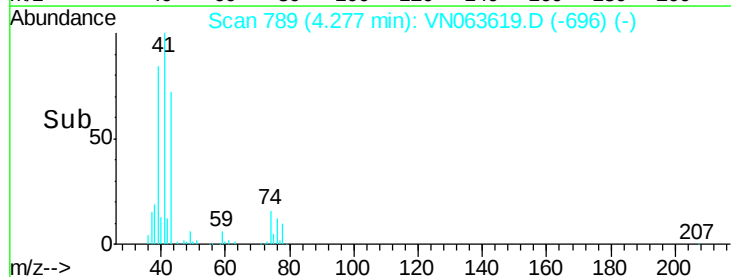
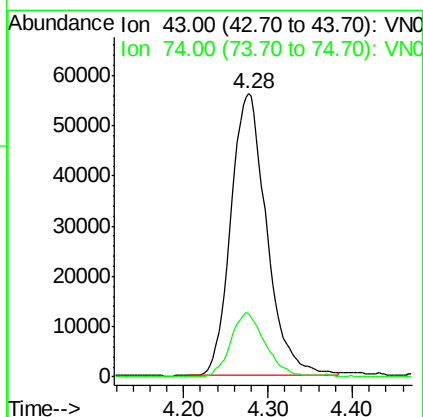
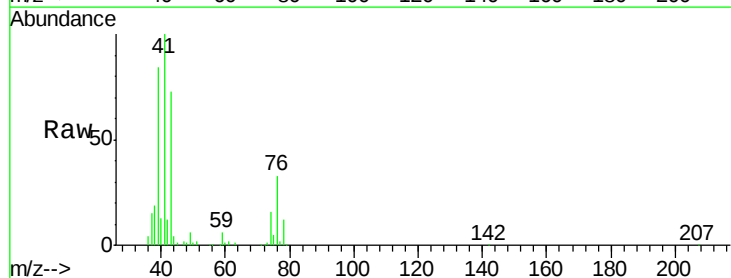
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

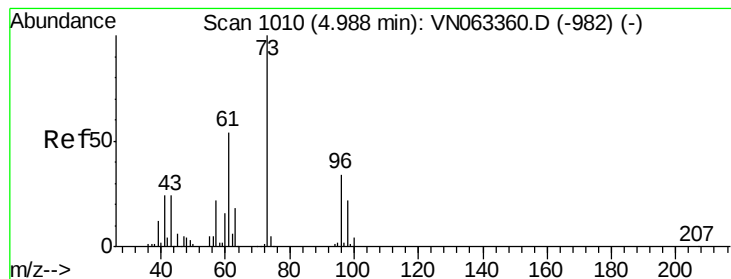
Tgt Ion: 76 Resp: 342000
Ion Ratio Lower Upper
76 100
78 8.7 7.2 10.8



#18
Methyl Acetate
Concen: 46.895 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN063619.D
Acq: 24 Sep 2020 11:13

Tgt Ion: 43 Resp: 165977
Ion Ratio Lower Upper
43 100
74 22.2 17.4 26.2





#19

Methyl tert-butyl Ether

Concen: 43.884 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. -0.00 min

Lab File: VN063619.D

Acq: 24 Sep 2020 11:13

Instrument :

MSVOA_N

ClientSampleId :

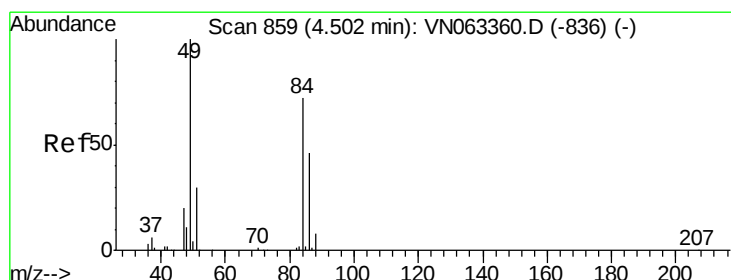
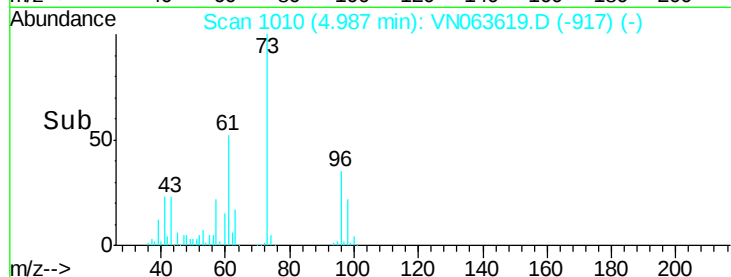
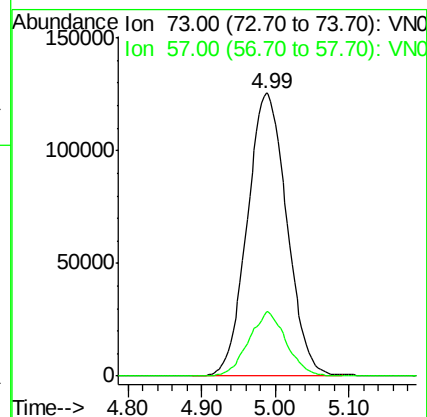
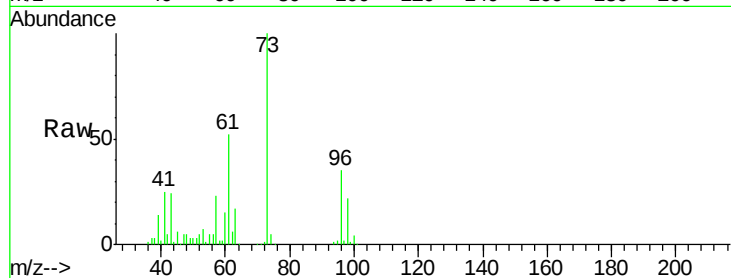
VSTDCCC050

Tgt Ion: 73 Resp: 470377

Ion Ratio Lower Upper

73 100

57 22.7 17.9 26.9



#20

Methylene Chloride

Concen: 43.996 ug/l

RT: 4.51 min Scan# 860

Delta R.T. 0.00 min

Lab File: VN063619.D

Acq: 24 Sep 2020 11:13

Tgt Ion: 84 Resp: 155412

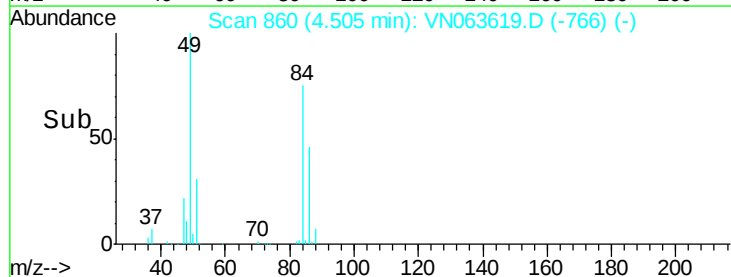
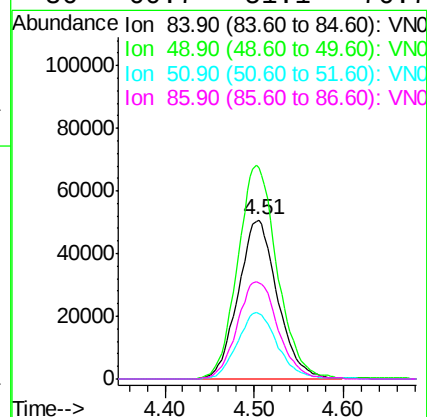
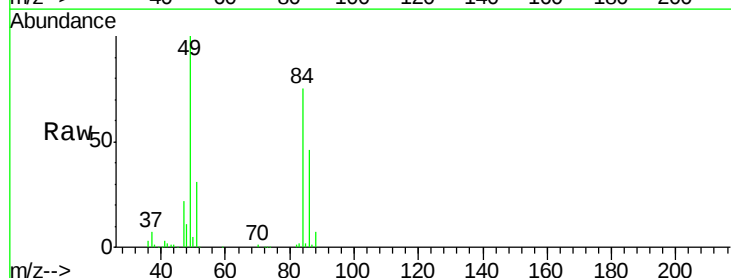
Ion Ratio Lower Upper

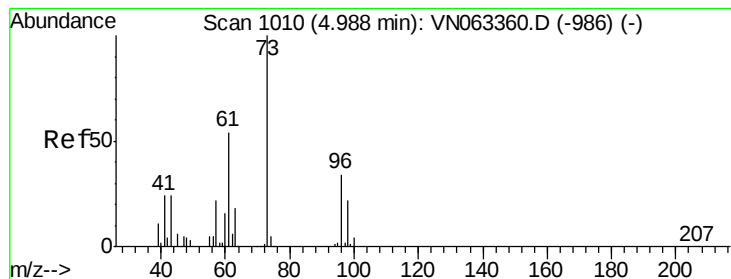
84 100

49 132.5 110.7 166.1

51 41.4 32.9 49.3

86 60.7 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 44.776 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. -0.00 min

Lab File: VN063619.D

Acq: 24 Sep 2020 11:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

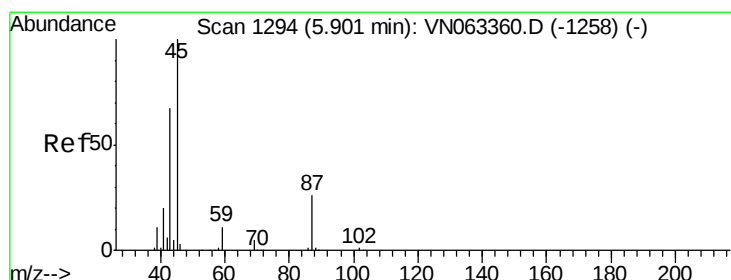
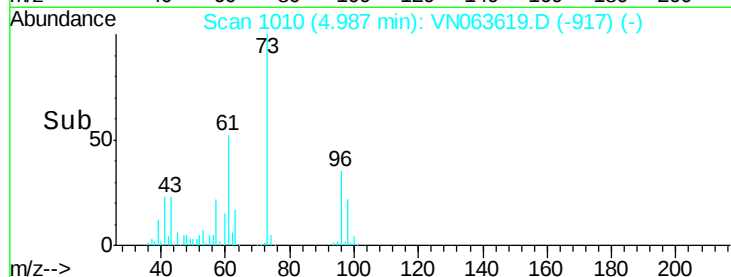
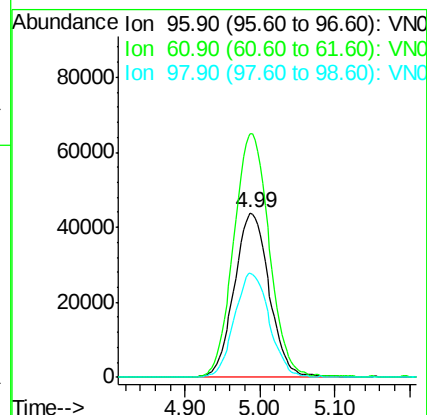
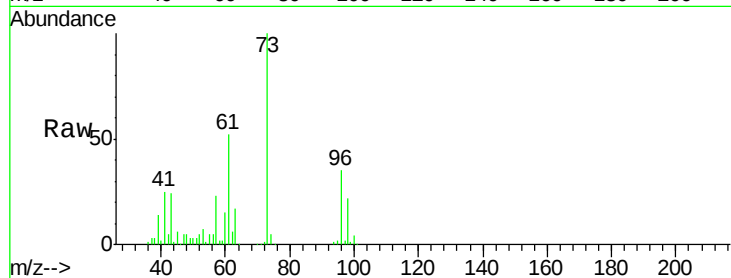
Tgt Ion: 96 Resp: 142669

Ion Ratio Lower Upper

96 100

61 148.0 126.2 189.4

98 63.4 51.0 76.4



#22

Diisopropyl ether

Concen: 44.414 ug/l

RT: 5.90 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VN063619.D

Acq: 24 Sep 2020 11:13

Tgt Ion: 45 Resp: 515278

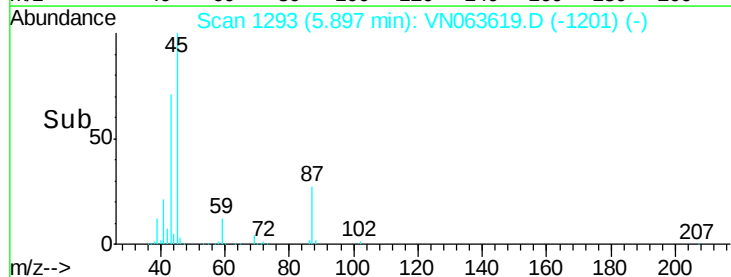
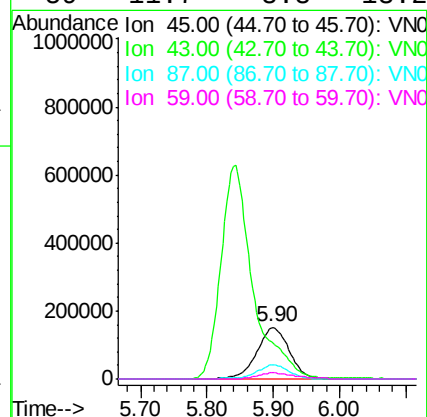
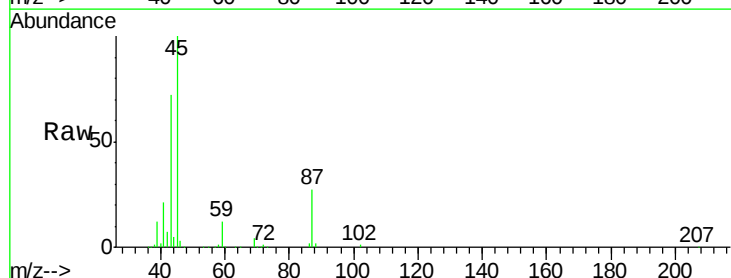
Ion Ratio Lower Upper

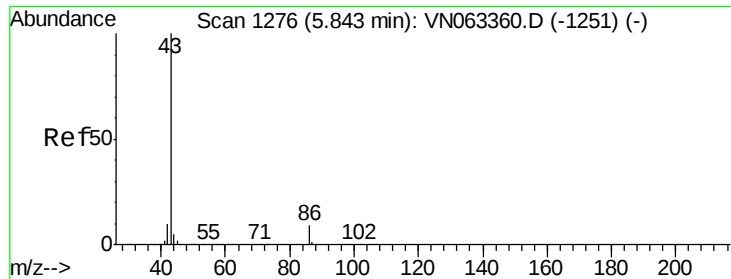
45 100

43 70.9 53.5 80.3

87 26.6 21.2 31.8

59 11.7 8.8 13.2

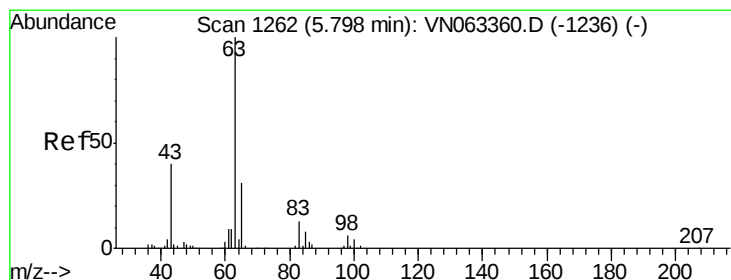
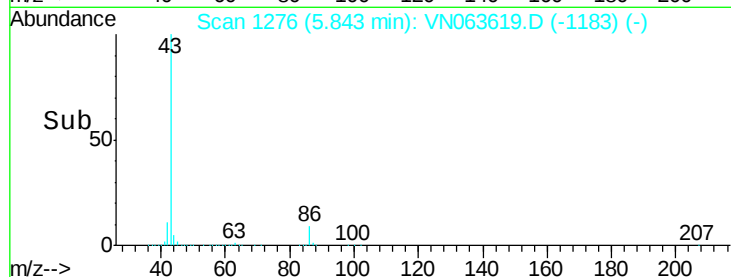
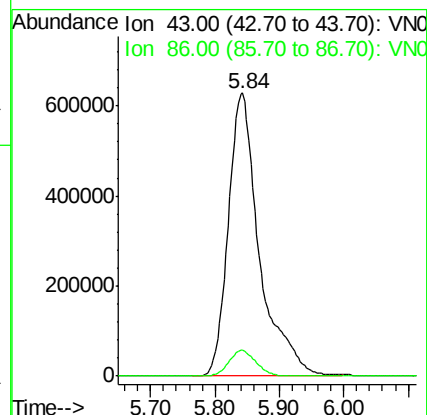
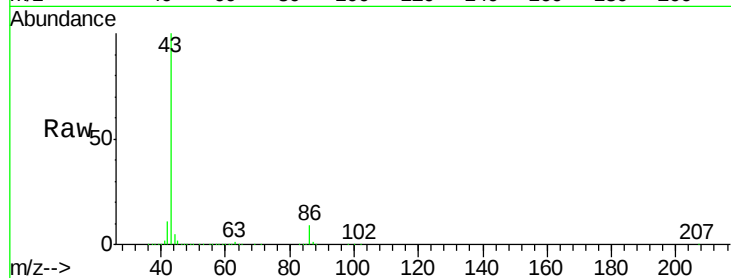




#23
 Vinyl Acetate
 Concen: 221.913 ug/l
 RT: 5.84 min Scan# 1276
 Delta R.T. -0.00 min
 Lab File: VN063619.D
 Acq: 24 Sep 2020 11:13

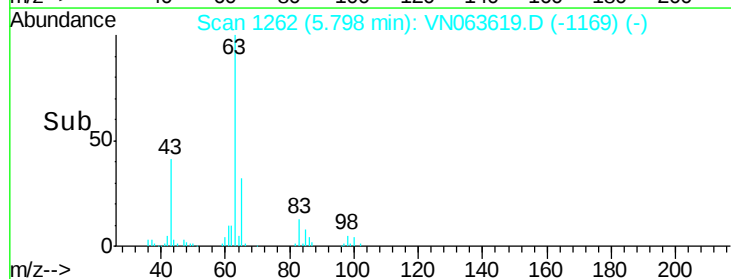
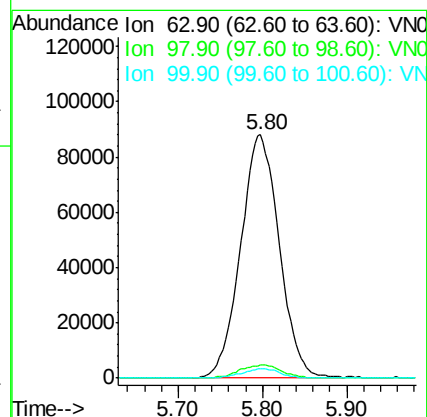
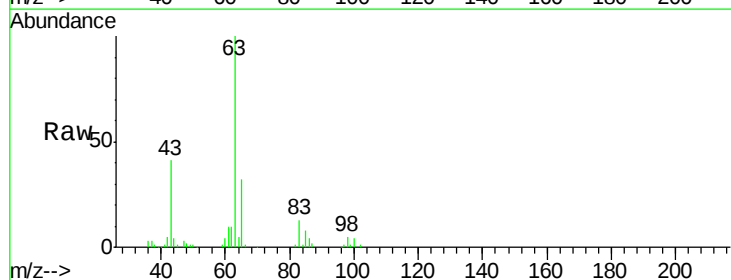
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

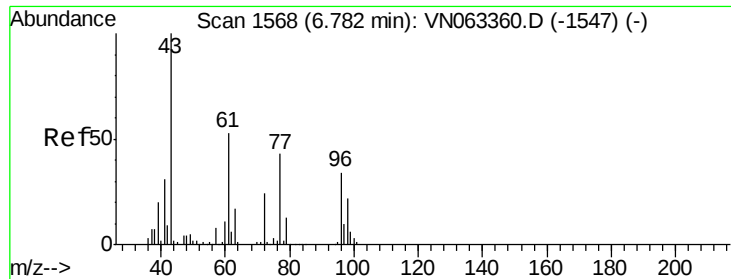
Tgt Ion: 43 Resp: 2114415
 Ion Ratio Lower Upper
 43 100
 86 9.4 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 44.360 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. -0.00 min
 Lab File: VN063619.D
 Acq: 24 Sep 2020 11:13

Tgt Ion: 63 Resp: 280976
 Ion Ratio Lower Upper
 63 100
 98 5.4 2.9 8.8
 100 3.7 2.1 6.3

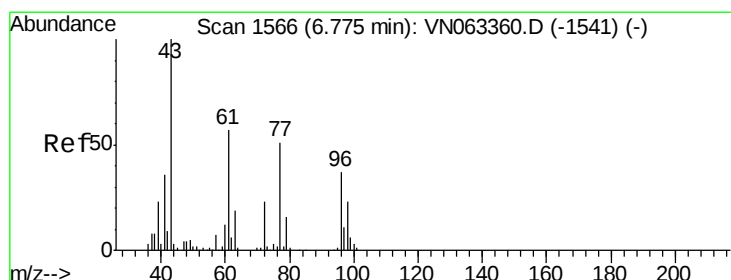
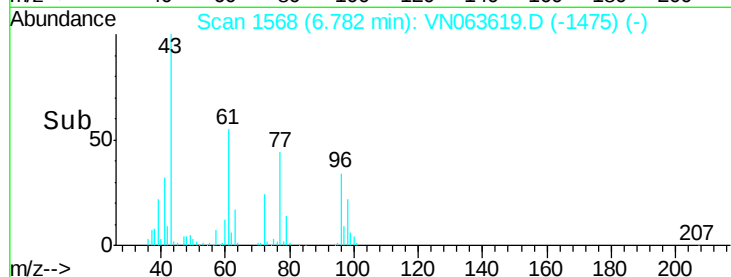
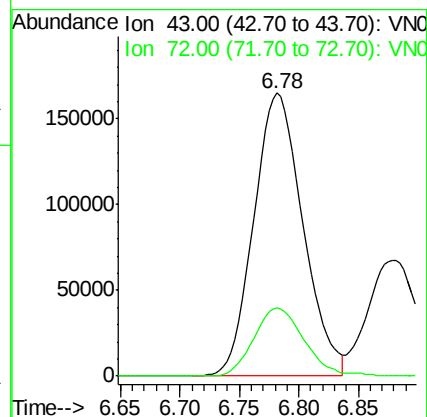
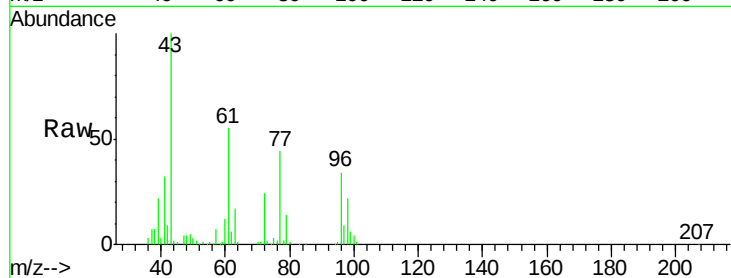




#25
2-Butanone
Concen: 219.674 ug/l
RT: 6.78 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VN063619.D
Acq: 24 Sep 2020 11:13

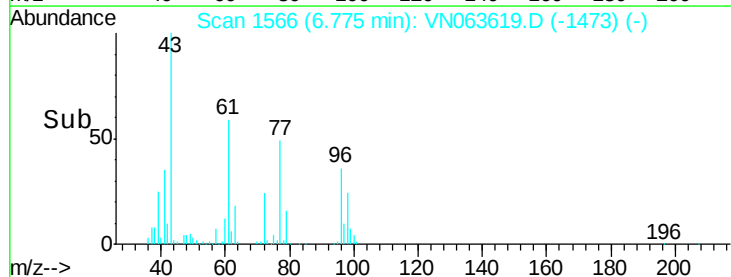
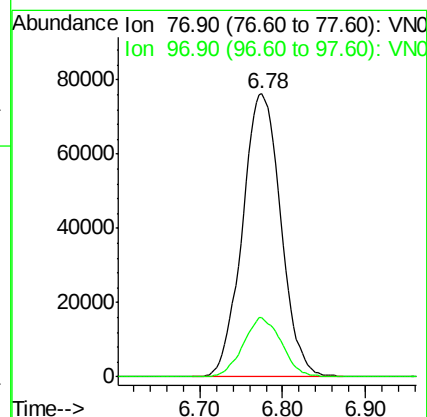
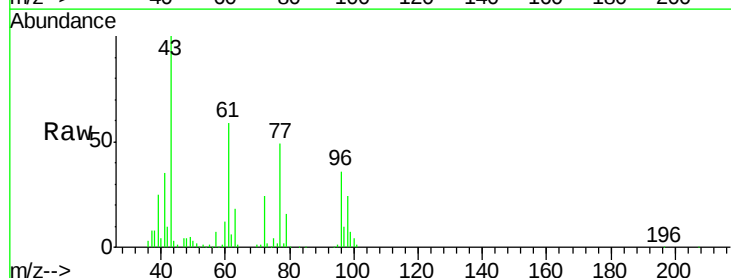
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

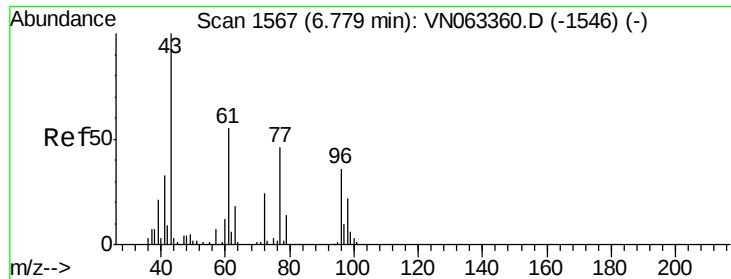
Tgt Ion: 43 Resp: 471035
Ion Ratio Lower Upper
43 100
72 24.0 19.2 28.8



#26
2,2-Dichloropropane
Concen: 44.037 ug/l
RT: 6.78 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VN063619.D
Acq: 24 Sep 2020 11:13

Tgt Ion: 77 Resp: 245580
Ion Ratio Lower Upper
77 100
97 20.9 10.5 31.6





#27

cis-1,2-Dichloroethene

Concen: 46.196 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

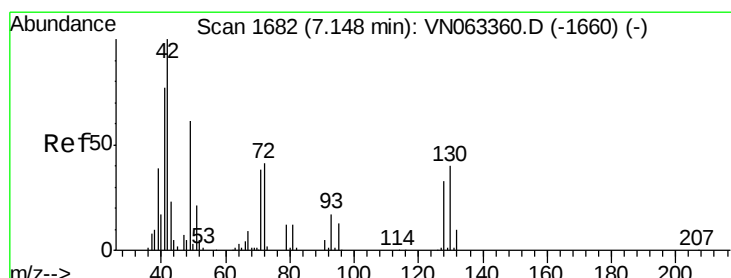
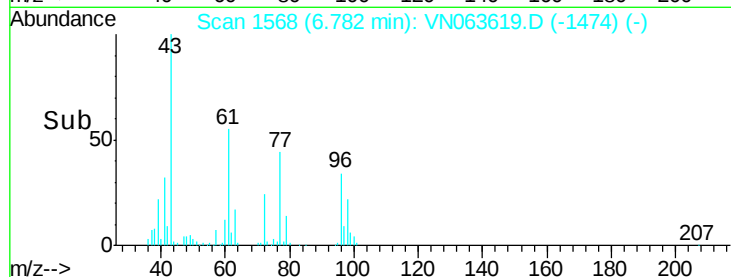
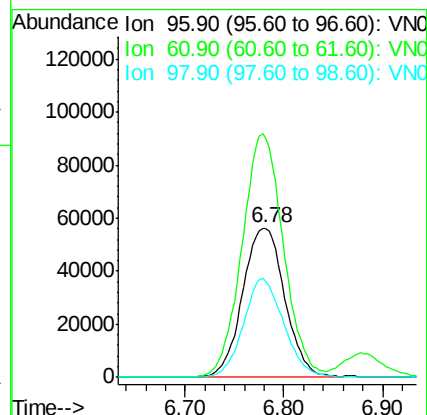
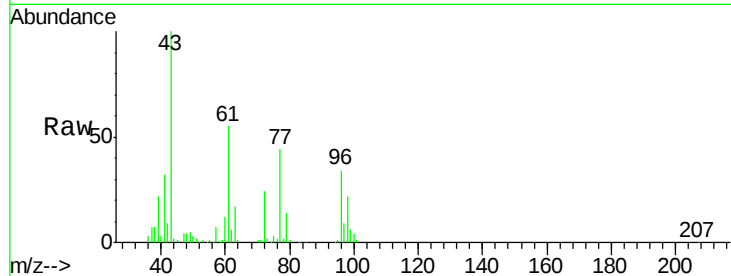
Lab File: VN063619.D

Acq: 24 Sep 2020 11:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 166604

Ion	Ratio	Lower	Upper
96	100		
61	160.0	0.0	319.6
98	63.4	0.0	127.8



#28

Bromochloromethane

Concen: 46.261 ug/l

RT: 7.15 min Scan# 1682

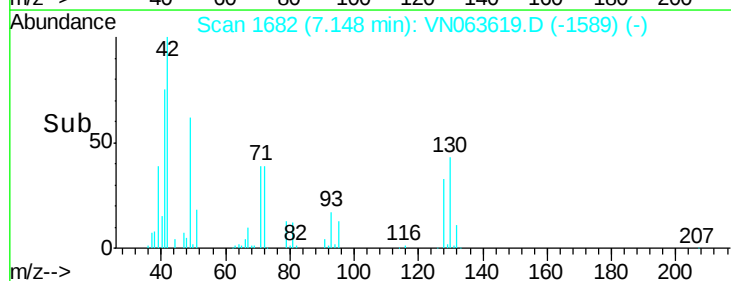
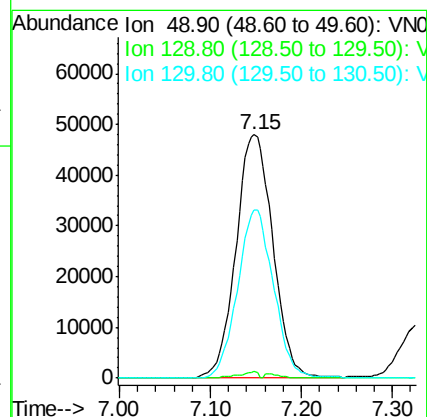
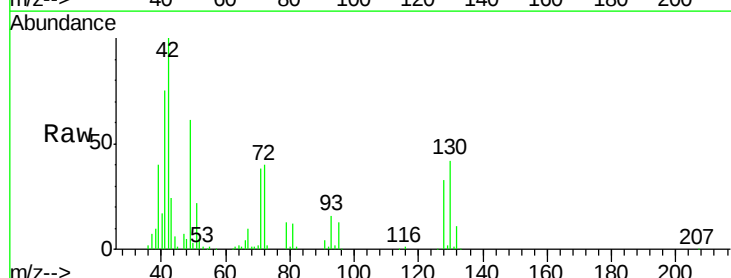
Delta R.T. -0.00 min

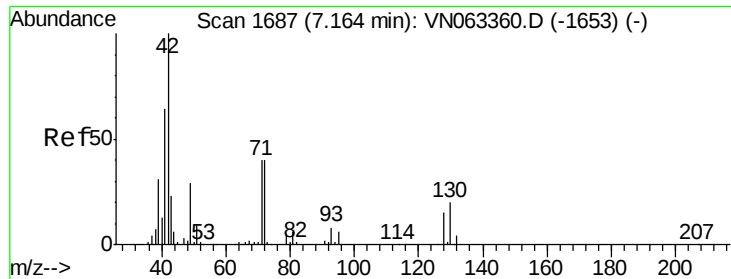
Lab File: VN063619.D

Acq: 24 Sep 2020 11:13

Tgt Ion: 49 Resp: 135296

Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	3.8
130	67.1	52.2	78.2

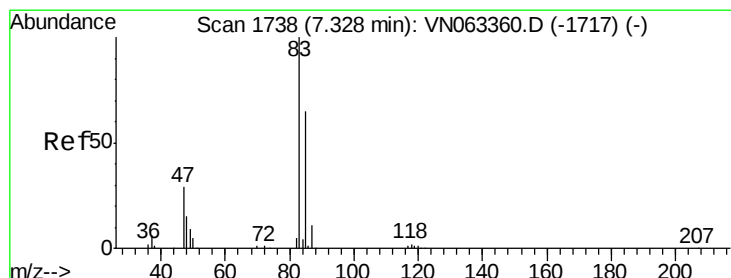
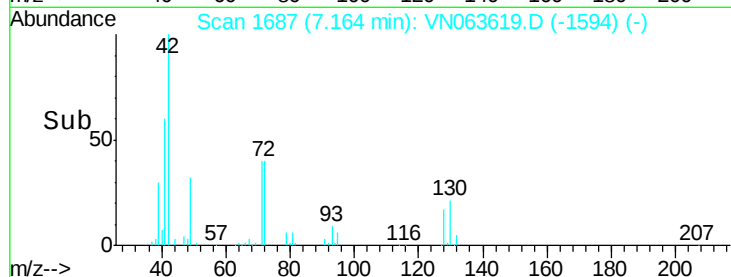
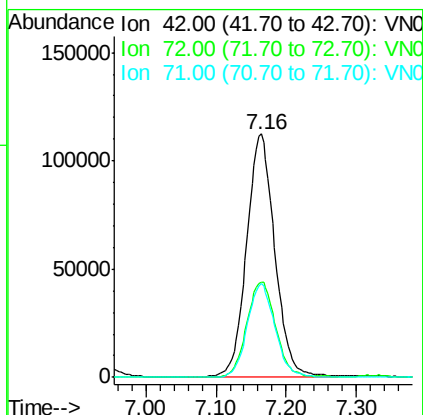
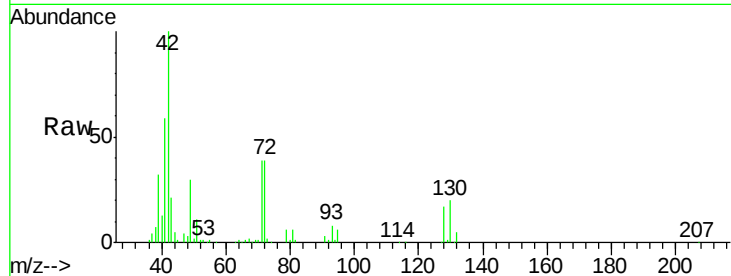




#29
Tetrahydrofuran
Concen: 214.500 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VN063619.D
Acq: 24 Sep 2020 11:13

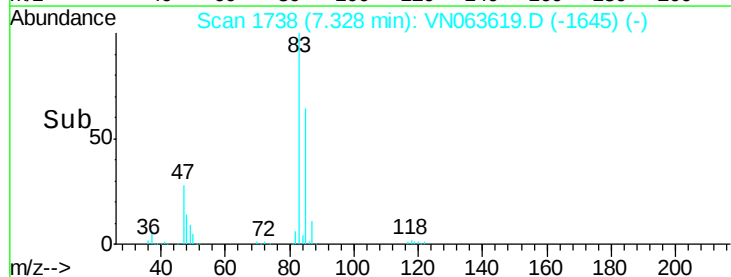
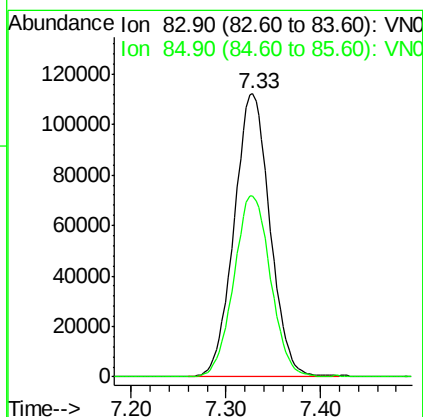
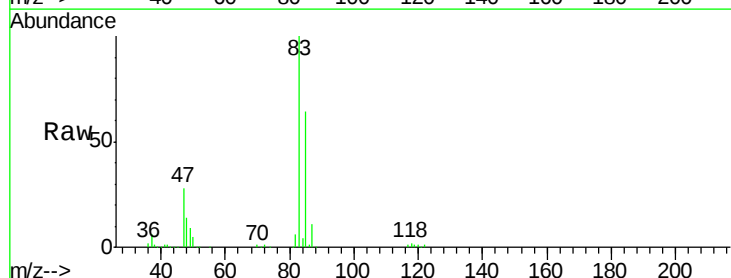
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

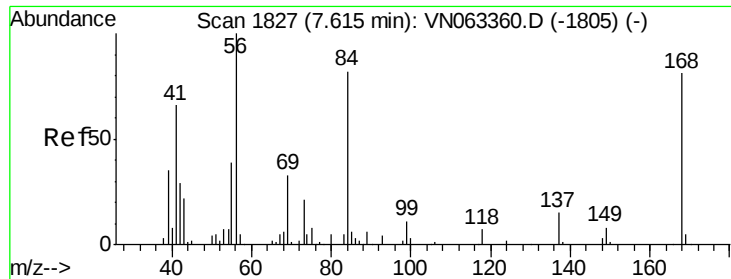
Tgt Ion: 42 Resp: 314129
Ion Ratio Lower Upper
42 100
72 39.8 32.1 48.1
71 37.6 31.2 46.8



#30
Chloroform
Concen: 46.551 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VN063619.D
Acq: 24 Sep 2020 11:13

Tgt Ion: 83 Resp: 295824
Ion Ratio Lower Upper
83 100
85 64.0 52.1 78.1

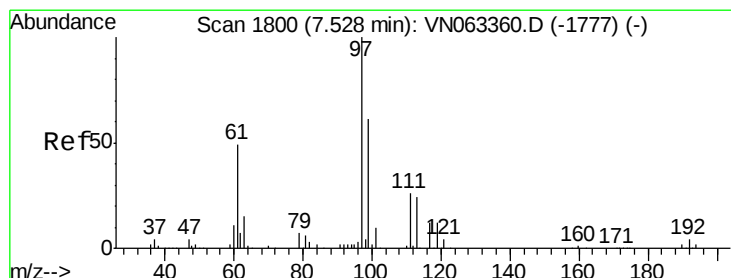
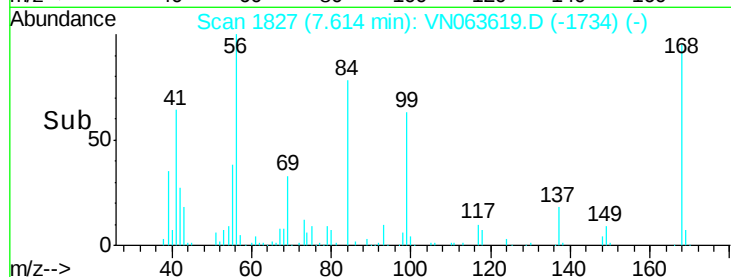
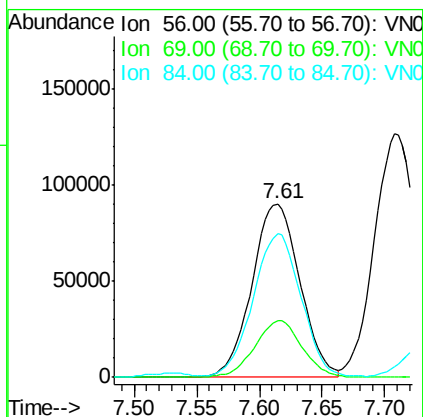
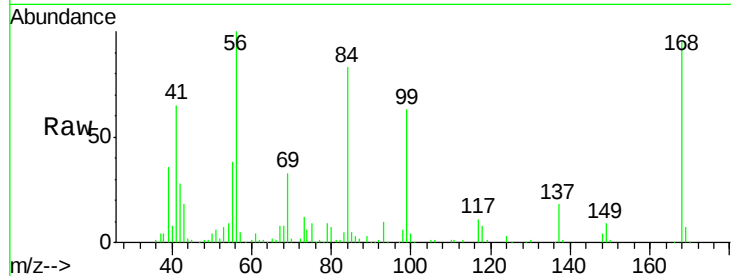




#31
Cyclohexane
Concen: 40.117 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. -0.00 min
Lab File: VN063619.D
Acq: 24 Sep 2020 11:13

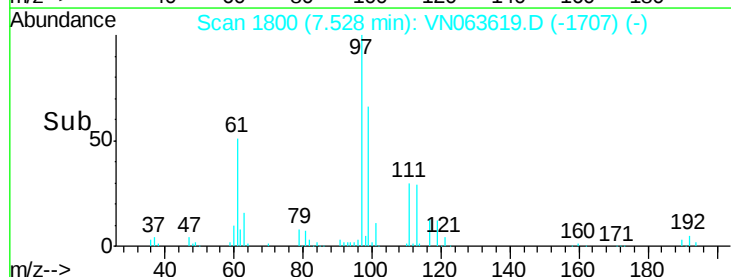
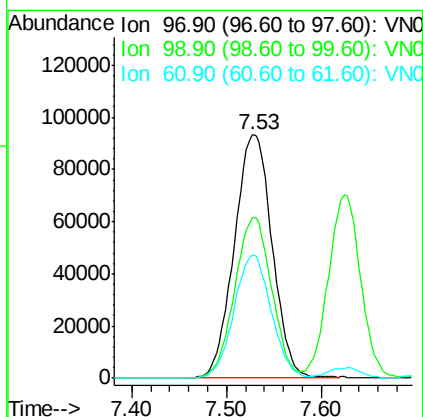
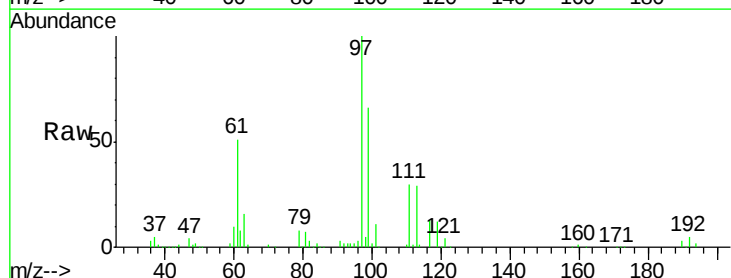
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

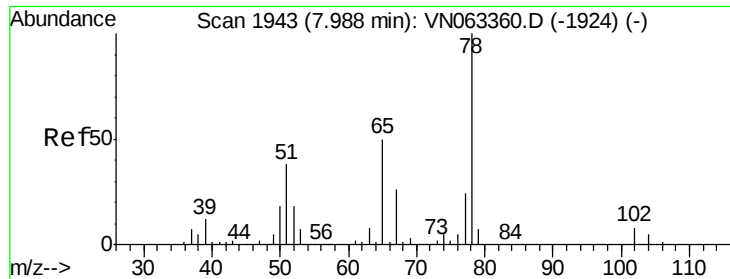
Tgt Ion: 56 Resp: 240357
Ion Ratio Lower Upper
56 100
69 32.6 26.1 39.1
84 81.3 65.4 98.2



#32
1,1,1-Trichloroethane
Concen: 45.946 ug/l
RT: 7.53 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VN063619.D
Acq: 24 Sep 2020 11:13

Tgt Ion: 97 Resp: 259698
Ion Ratio Lower Upper
97 100
99 64.6 50.6 76.0
61 49.7 39.2 58.8

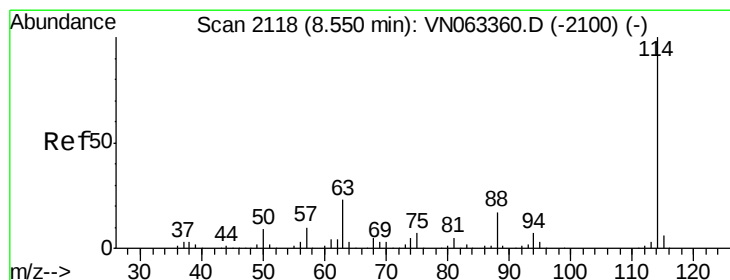
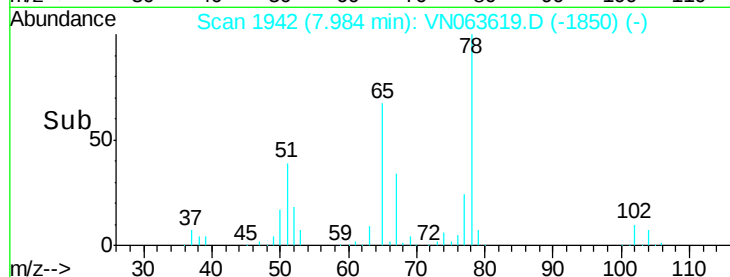
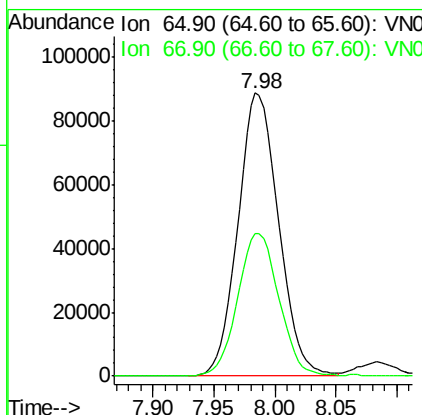
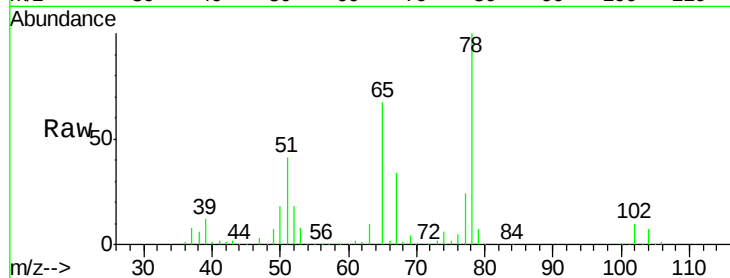




#33
 1,2-Dichloroethane-d4
 Concen: 47.080 ug/l
 RT: 7.98 min Scan# 1942
 Delta R.T. -0.00 min
 Lab File: VN063619.D
 Acq: 24 Sep 2020 11:13

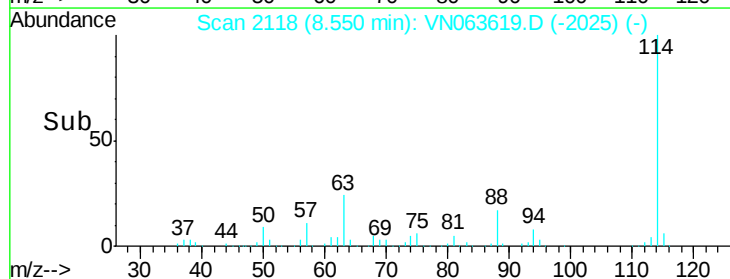
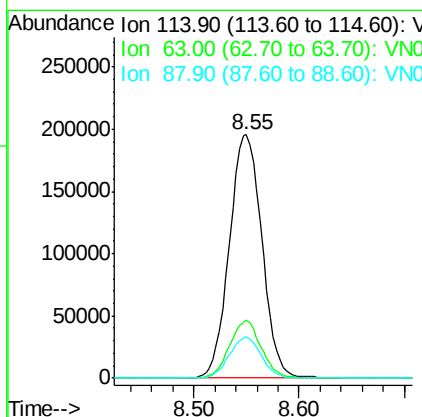
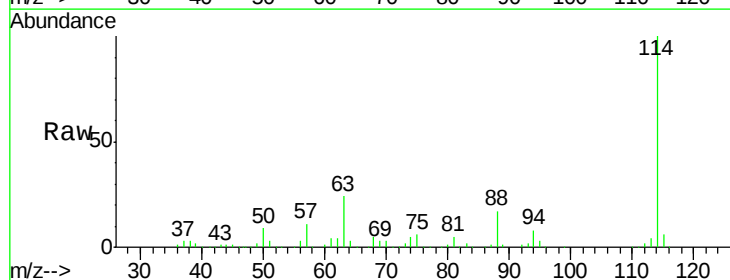
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

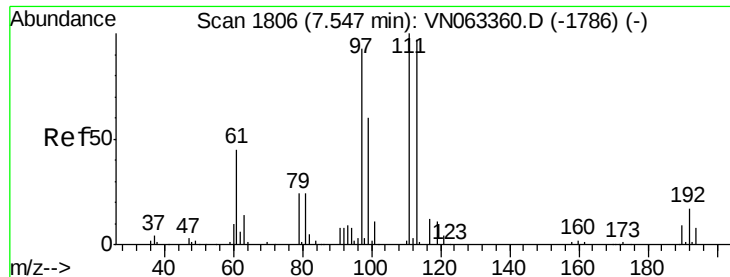
Tgt Ion: 65 Resp: 204239
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063619.D
 Acq: 24 Sep 2020 11:13

Tgt Ion: 114 Resp: 418545
 Ion Ratio Lower Upper
 114 100
 63 23.6 0.0 46.4
 88 16.9 0.0 33.2

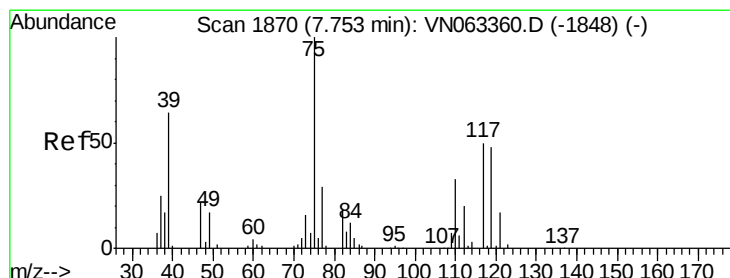
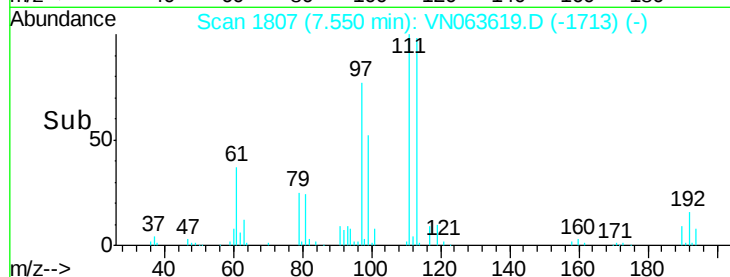
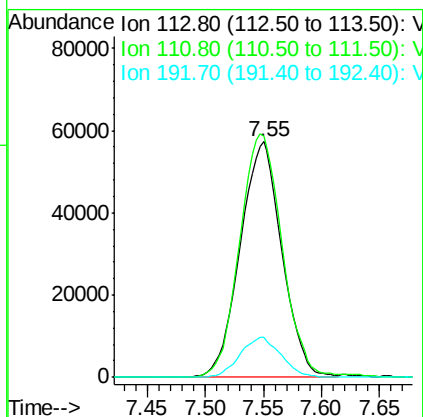
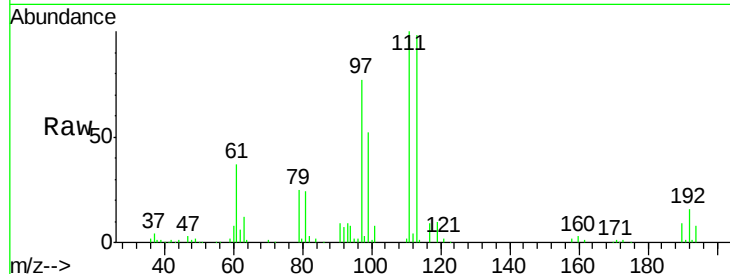




#35
 Dibromofluoromethane
 Concen: 49.457 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063619.D
 Acq: 24 Sep 2020 11:13

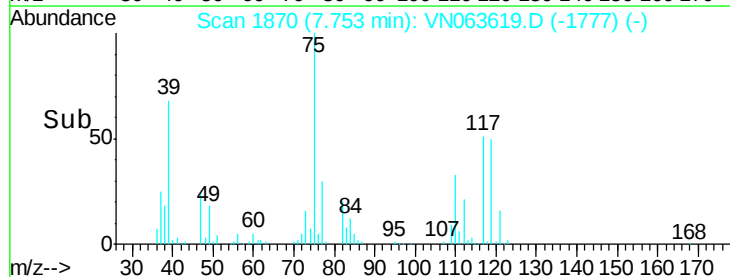
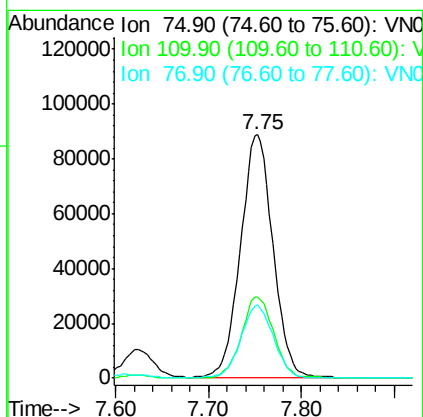
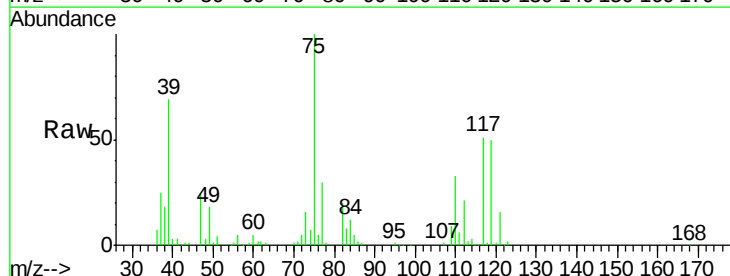
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

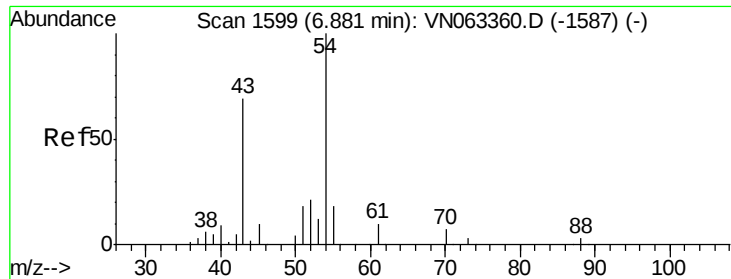
Tgt Ion: 113 Resp: 143302
 Ion Ratio Lower Upper
 113 100
 111 105.7 82.9 124.3
 192 16.7 13.9 20.9



#36
 1,1-Dichloropropene
 Concen: 48.209 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN063619.D
 Acq: 24 Sep 2020 11:13

Tgt Ion: 75 Resp: 214964
 Ion Ratio Lower Upper
 75 100
 110 33.2 16.5 49.5
 77 30.3 24.6 36.8

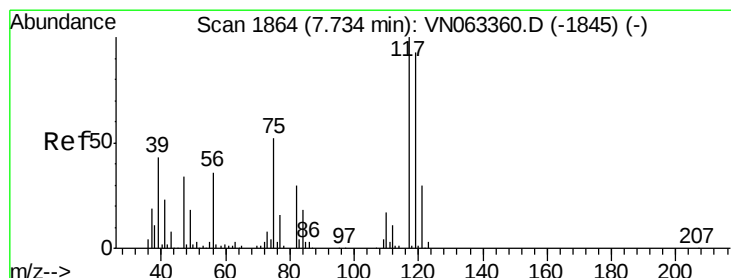
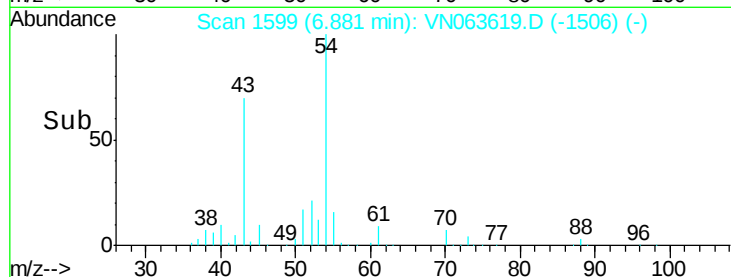
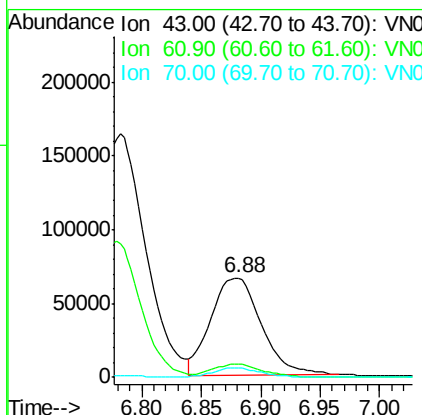
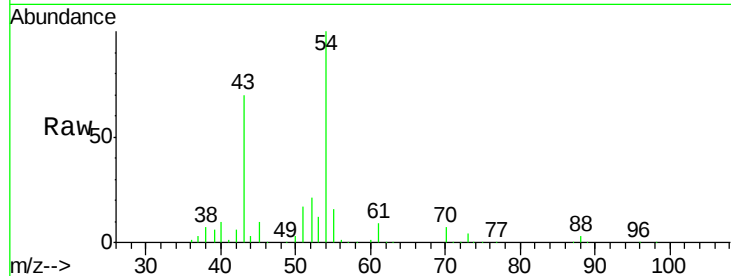




#37
 Ethyl Acetate
 Concen: 44.626 ug/l
 RT: 6.88 min Scan# 1599
 Delta R.T. -0.00 min
 Lab File: VN063619.D
 Acq: 24 Sep 2020 11:13

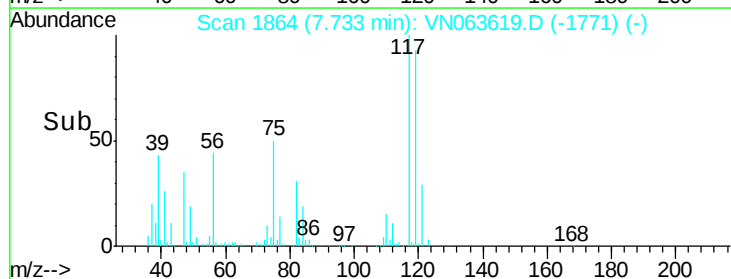
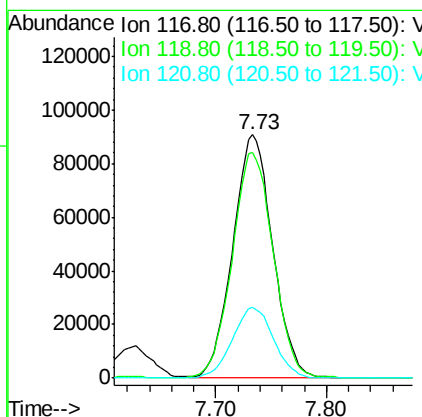
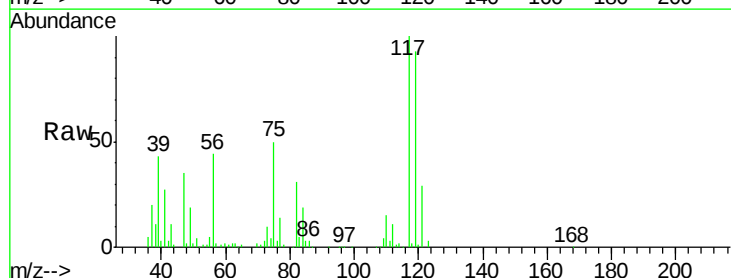
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

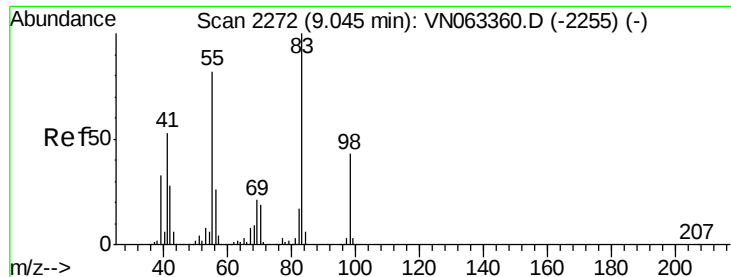
Tgt Ion: 43 Resp: 195297
 Ion Ratio Lower Upper
 43 100
 61 13.1 10.6 15.8
 70 9.4 7.2 10.8



#38
 Carbon Tetrachloride
 Concen: 49.742 ug/l
 RT: 7.73 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VN063619.D
 Acq: 24 Sep 2020 11:13

Tgt Ion: 117 Resp: 226414
 Ion Ratio Lower Upper
 117 100
 119 92.3 74.5 111.7
 121 28.9 24.1 36.1

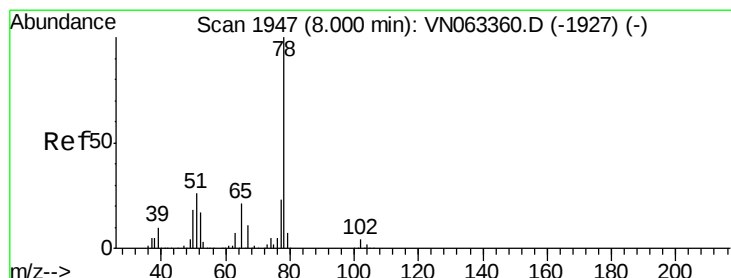
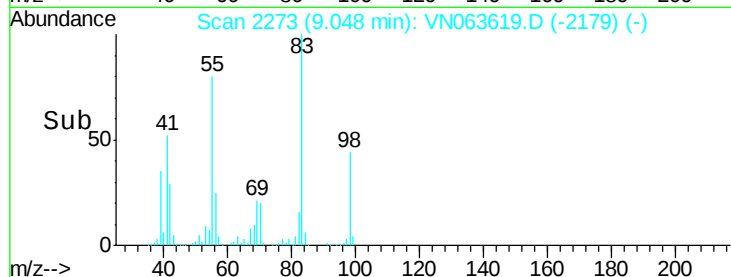
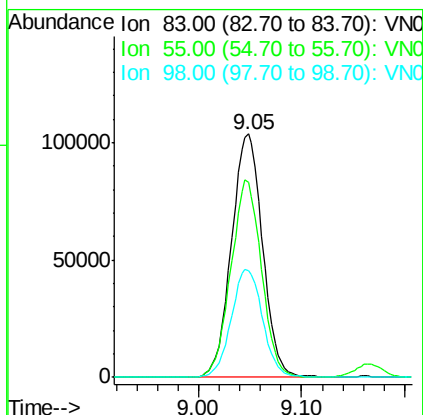
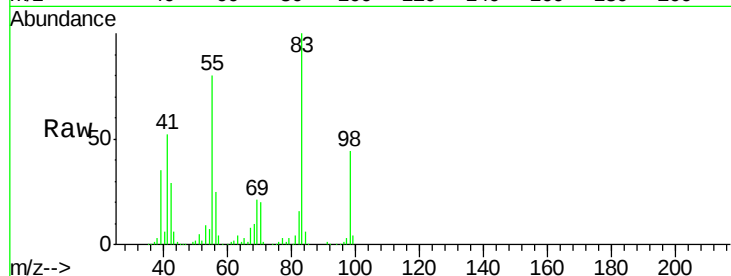




#39
Methylcyclohexane
Concen: 45.049 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN063619.D
Acq: 24 Sep 2020 11:13

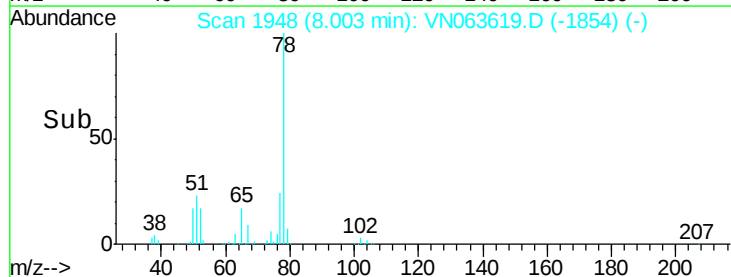
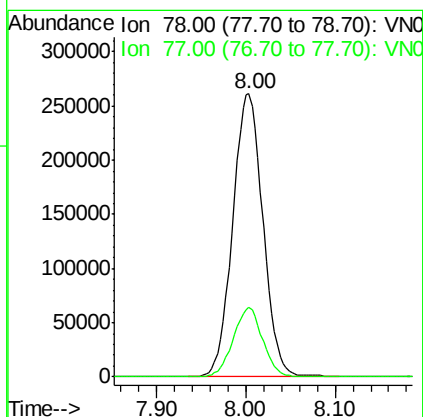
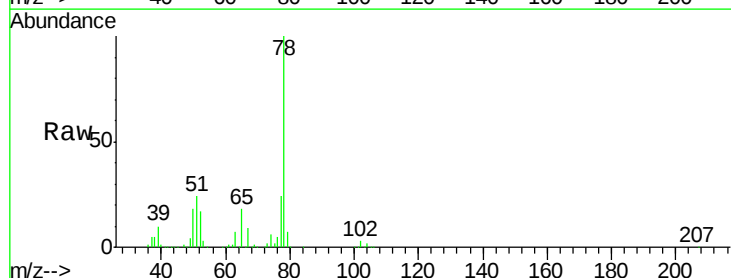
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

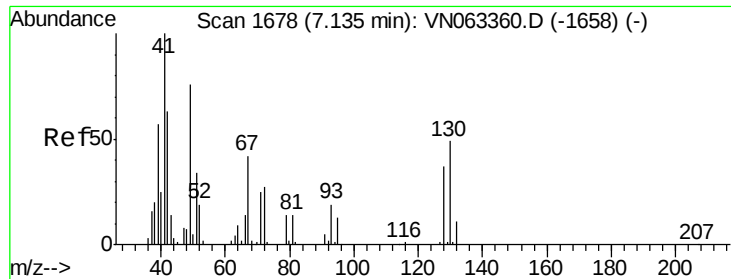
Tgt Ion: 83 Resp: 218012
Ion Ratio Lower Upper
83 100
55 80.0 65.5 98.3
98 43.7 34.2 51.4



#40
Benzene
Concen: 48.314 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063619.D
Acq: 24 Sep 2020 11:13

Tgt Ion: 78 Resp: 614974
Ion Ratio Lower Upper
78 100
77 24.4 18.3 27.5

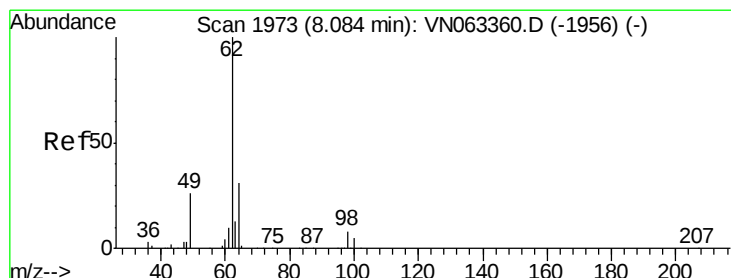
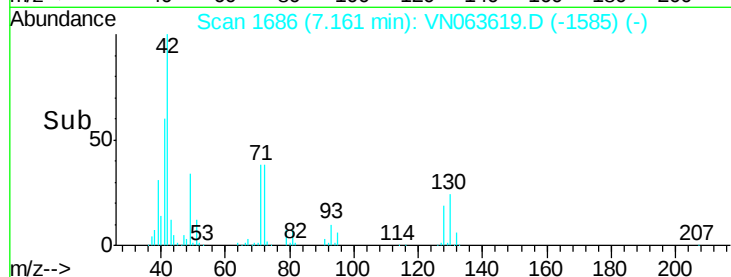
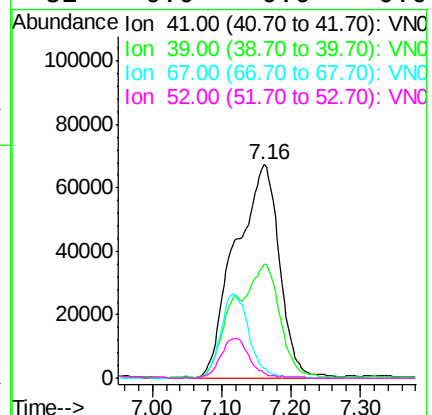
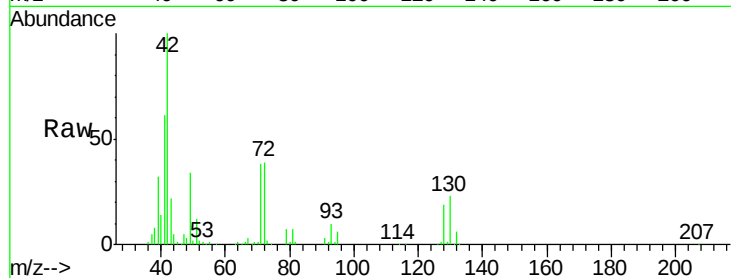




#41
Methacrylonitrile
Concen: 151.439 ug/l
RT: 7.16 min Scan# 1686
Delta R.T. 0.03 min
Lab File: VN063619.D
Acq: 24 Sep 2020 11:13

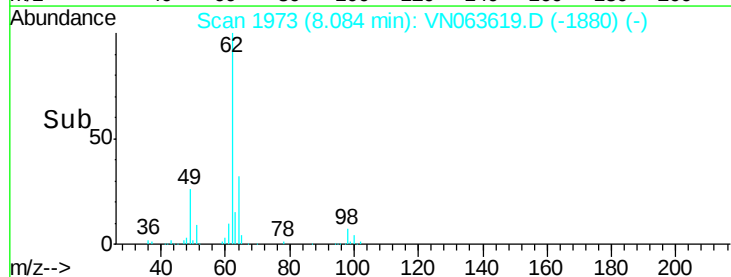
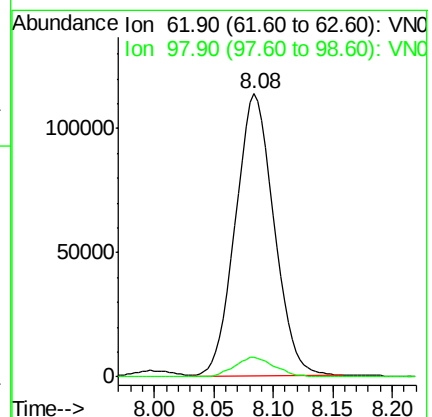
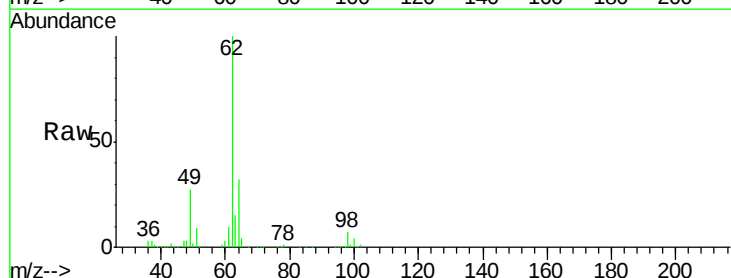
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

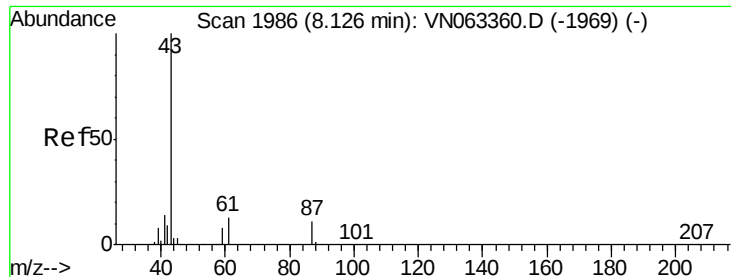
Tgt Ion:	41	Resp:	298079
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 49.877 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN063619.D
Acq: 24 Sep 2020 11:13

Tgt Ion:	62	Resp:	255316
Ion	Ratio	Lower	Upper
62	100		
98	7.3	0.0	15.6





#43

Isopropyl Acetate

Concen: 44.943 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN063619.D

Acq: 24 Sep 2020 11:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

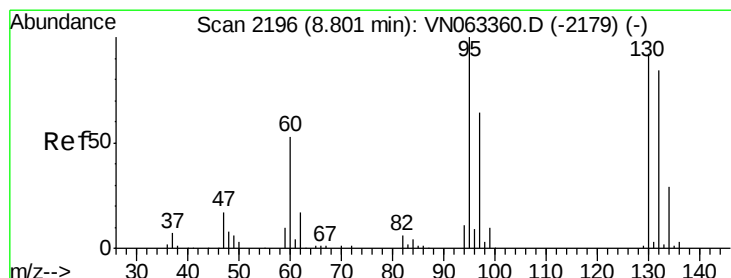
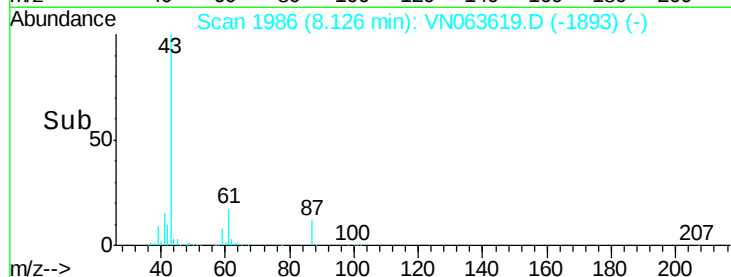
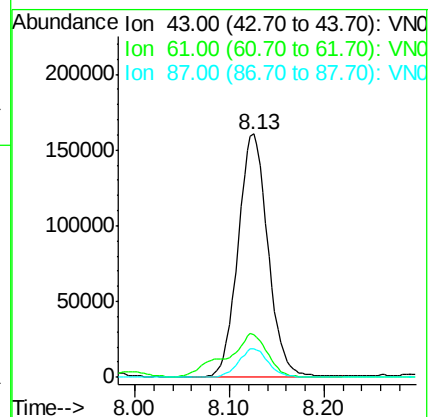
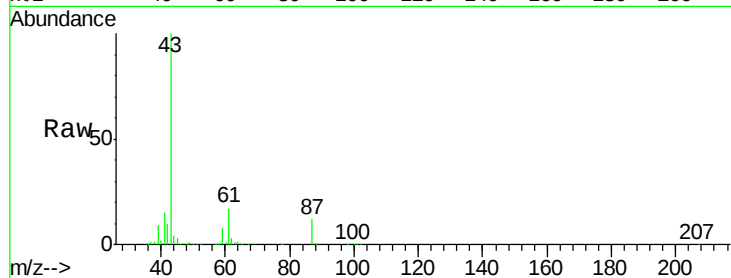
Tgt Ion: 43 Resp: 351693

Ion Ratio Lower Upper

43 100

61 24.4 14.2 21.2#

87 11.8 9.0 13.6



#44

Trichloroethene

Concen: 50.220 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN063619.D

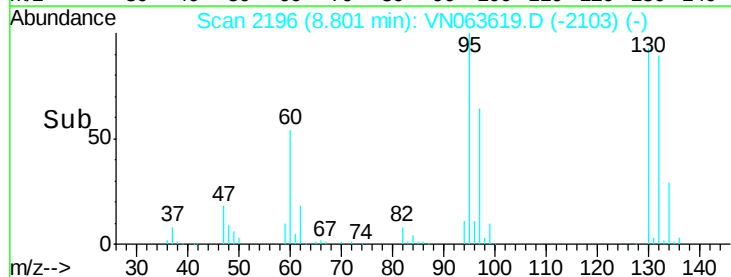
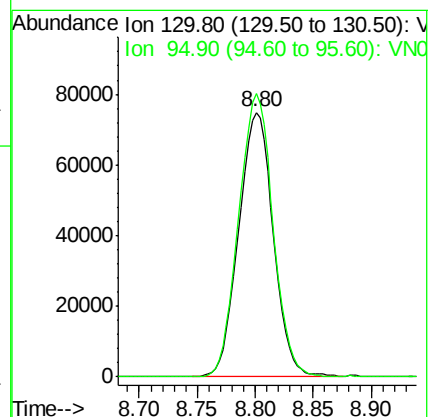
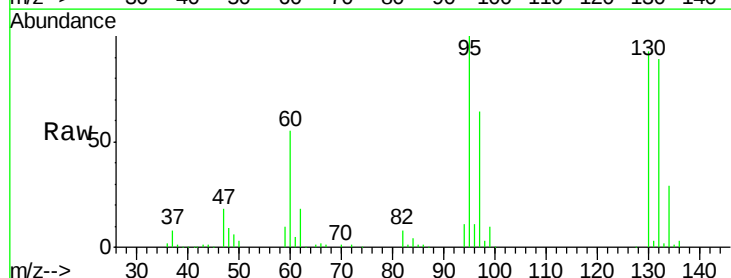
Acq: 24 Sep 2020 11:13

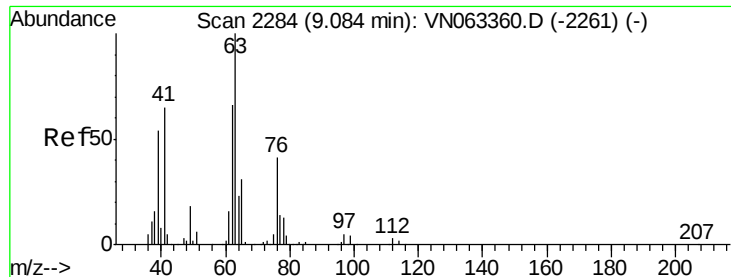
Tgt Ion: 130 Resp: 155044

Ion Ratio Lower Upper

130 100

95 107.0 0.0 217.4





#45

1,2-Dichloropropane

Concen: 48.132 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN063619.D

Acq: 24 Sep 2020 11:13

Instrument :

MSVOA_N

ClientSampleId :

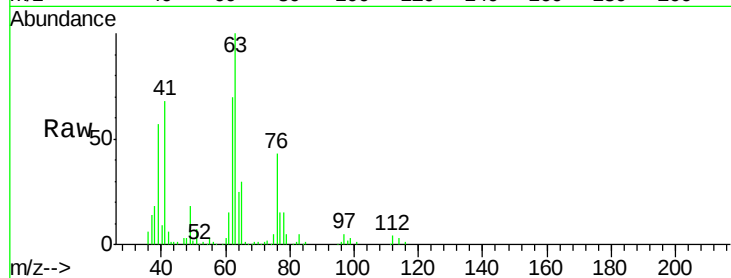
VSTDCCC050

Tgt Ion: 63 Resp: 166863

Ion Ratio Lower Upper

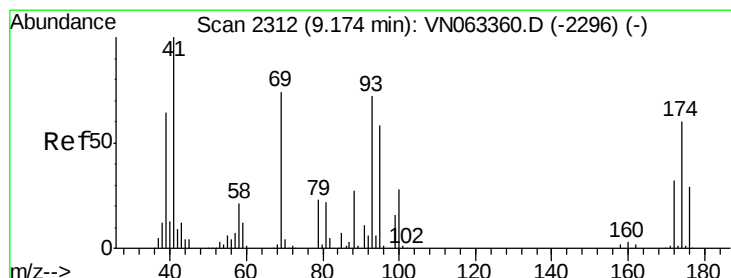
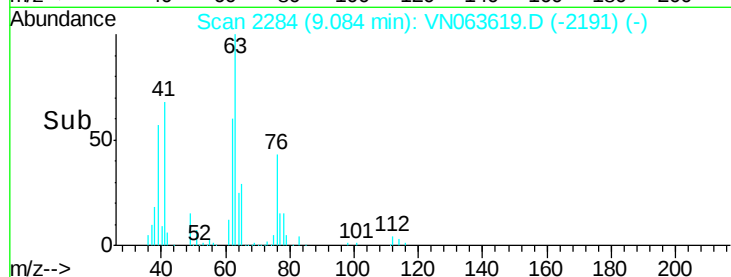
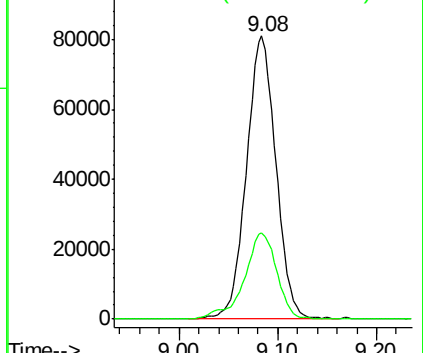
63 100

65 30.3 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: 49.873 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN063619.D

Acq: 24 Sep 2020 11:13

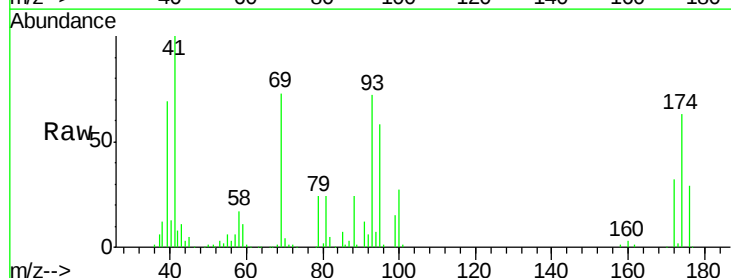
Tgt Ion: 93 Resp: 113640

Ion Ratio Lower Upper

93 100

95 81.7 65.6 98.4

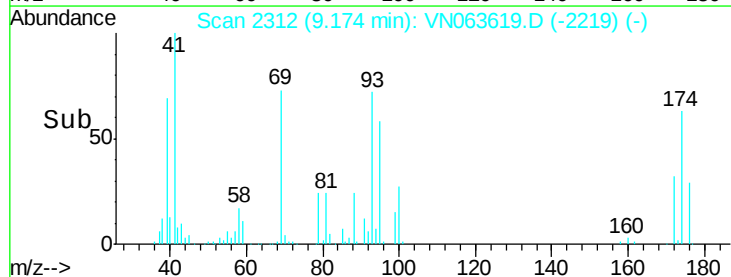
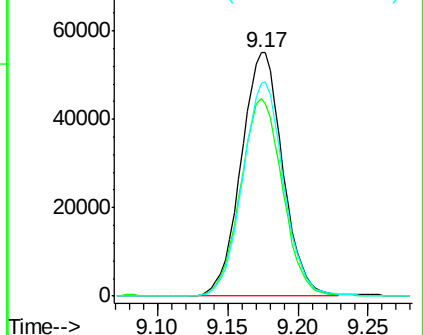
174 87.1 68.1 102.1

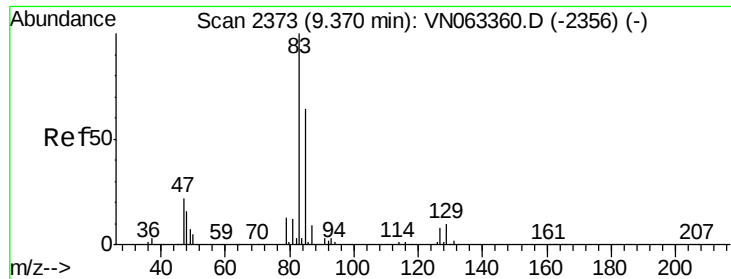


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 50.573 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN063619.D

Acq: 24 Sep 2020 11:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

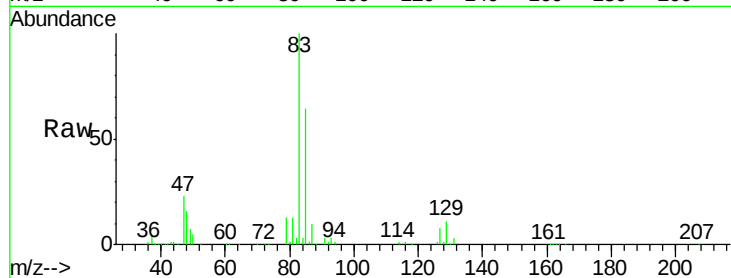
Tgt Ion: 83 Resp: 239396

Ion Ratio Lower Upper

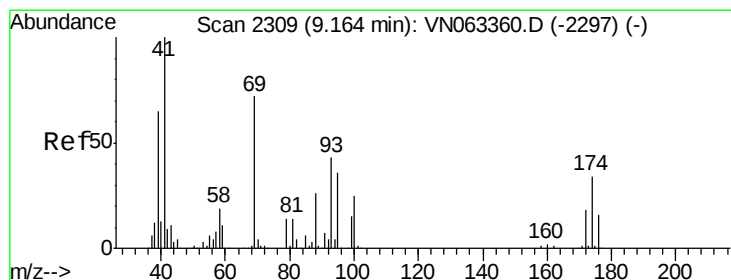
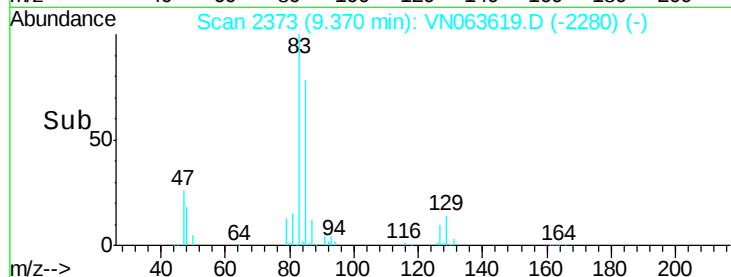
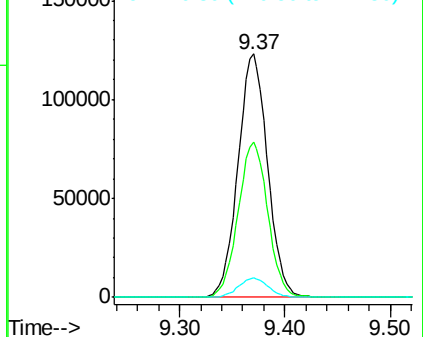
83 100

85 63.6 51.0 76.6

127 8.0 6.3 9.5



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



#48

Methyl methacrylate

Concen: 45.257 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN063619.D

Acq: 24 Sep 2020 11:13

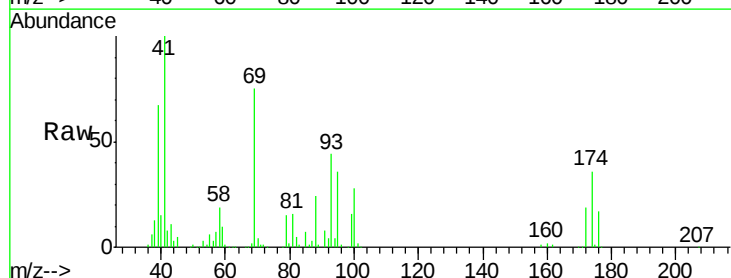
Tgt Ion: 41 Resp: 173997

Ion Ratio Lower Upper

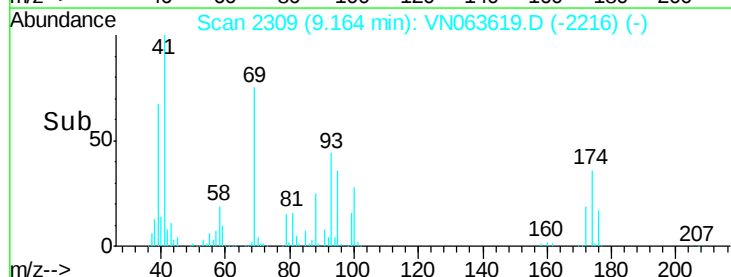
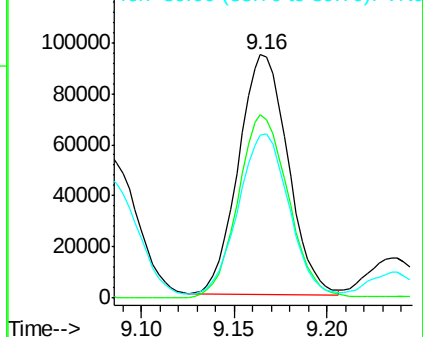
41 100

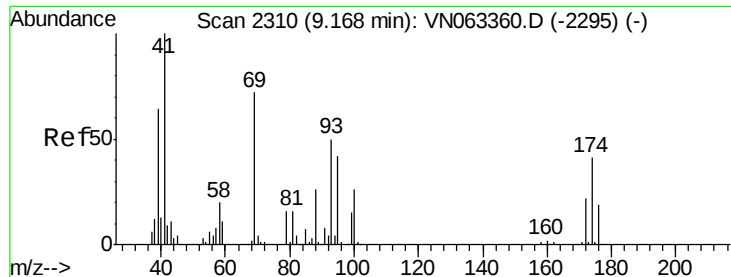
69 77.9 59.3 88.9

39 70.8 52.9 79.3



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

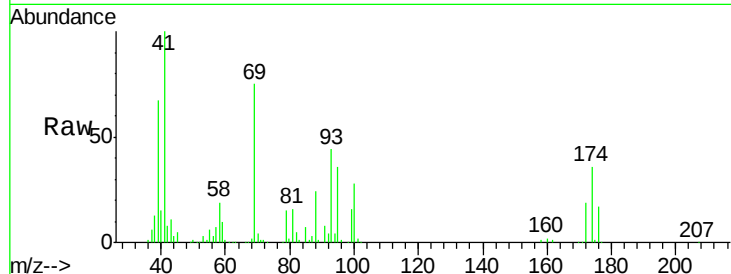




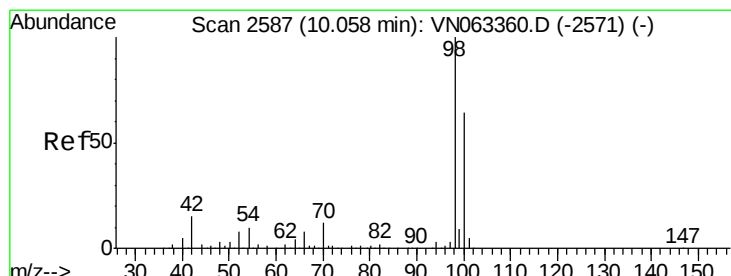
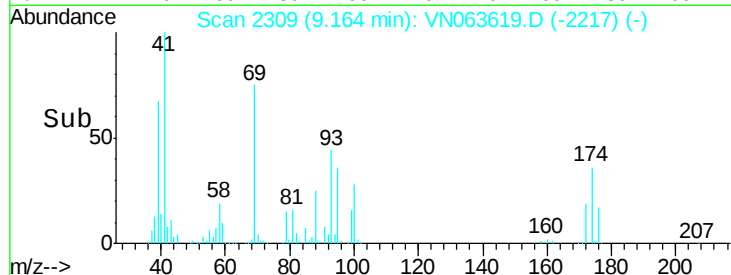
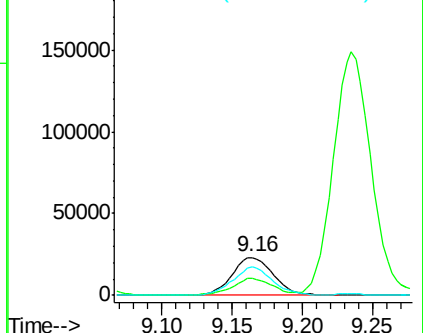
#49
1,4-Dioxane
Concen: 866.769 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN063619.D
Acq: 24 Sep 2020 11:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 47822
Ion Ratio Lower Upper
88 100
43 40.3 32.6 49.0
58 72.3 60.0 90.0

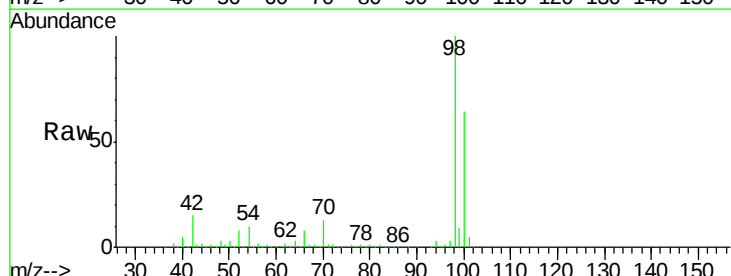


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

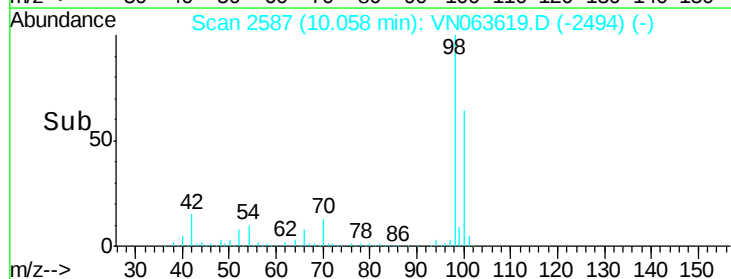
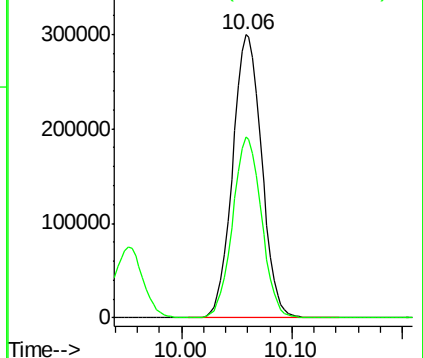


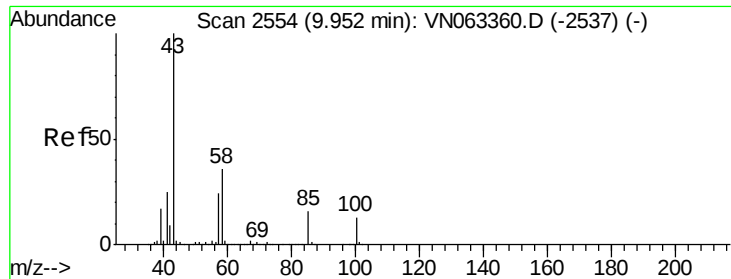
#50
Toluene-d8
Concen: 50.208 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN063619.D
Acq: 24 Sep 2020 11:13

Tgt Ion: 98 Resp: 547019
Ion Ratio Lower Upper
98 100
100 63.4 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0

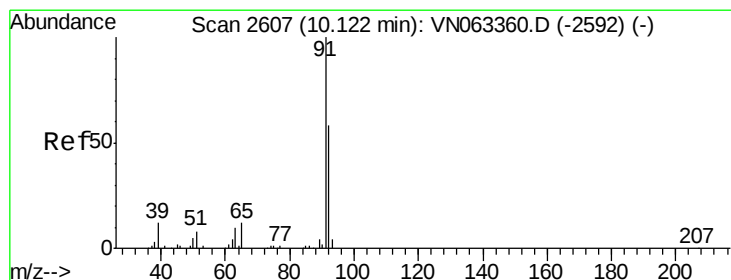
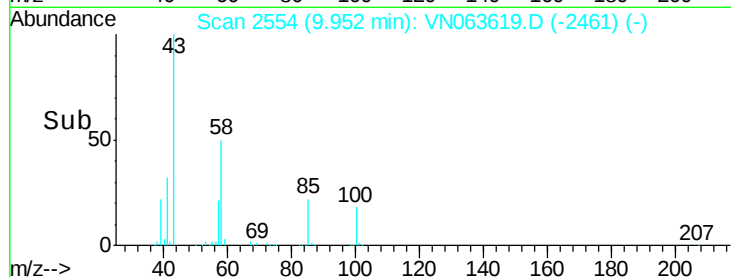
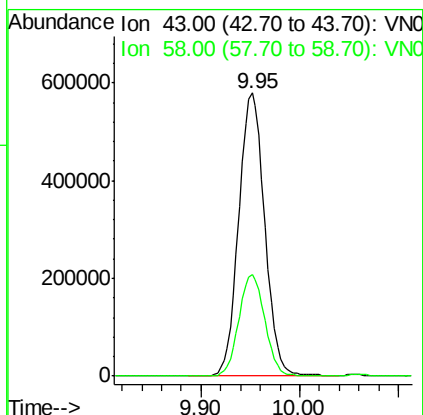
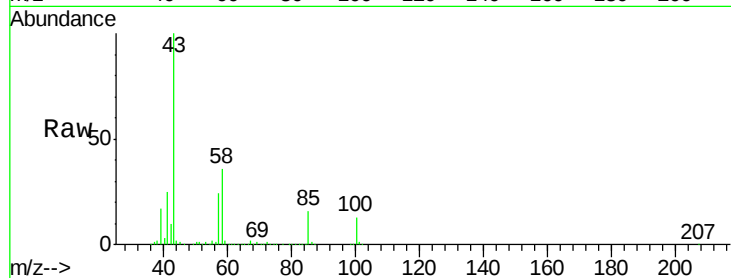




#51
 4-Methyl-2-Pentanone
 Concen: 240.634 ug/l
 RT: 9.95 min Scan# 2554
 Delta R.T. -0.00 min
 Lab File: VN063619.D
 Acq: 24 Sep 2020 11:13

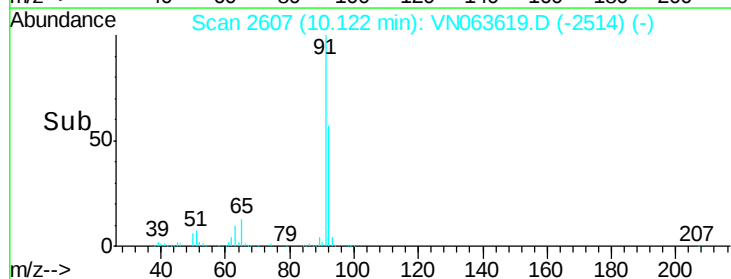
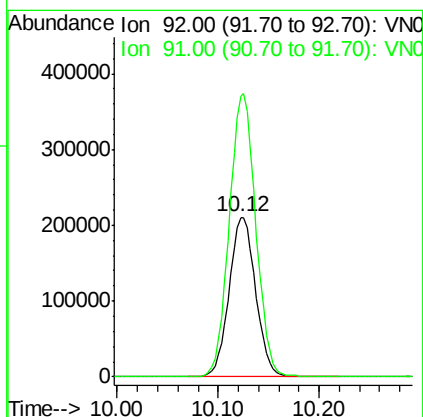
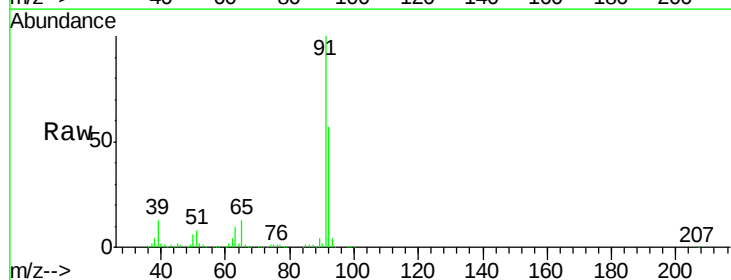
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

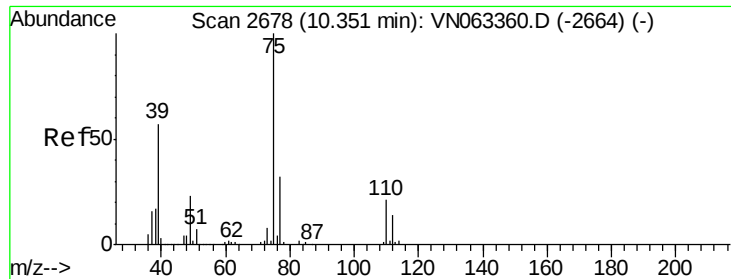
Tgt Ion: 43 Resp: 1054189
 Ion Ratio Lower Upper
 43 100
 58 36.0 29.0 43.6



#52
 Toluene
 Concen: 50.558 ug/l
 RT: 10.12 min Scan# 2607
 Delta R.T. -0.00 min
 Lab File: VN063619.D
 Acq: 24 Sep 2020 11:13

Tgt Ion: 92 Resp: 386924
 Ion Ratio Lower Upper
 92 100
 91 176.6 139.7 209.5





#53

t-1,3-Dichloropropene

Concen: 48.084 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN063619.D

Acq: 24 Sep 2020 11:13

Instrument :

MSVOA_N

ClientSampleId :

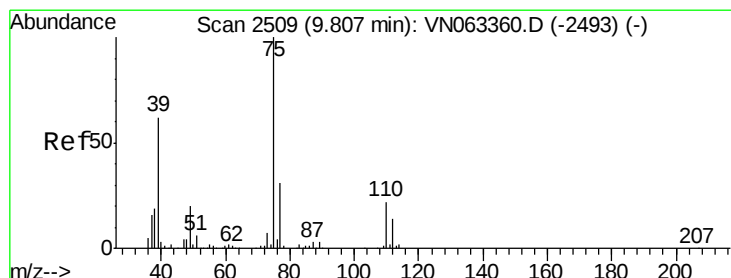
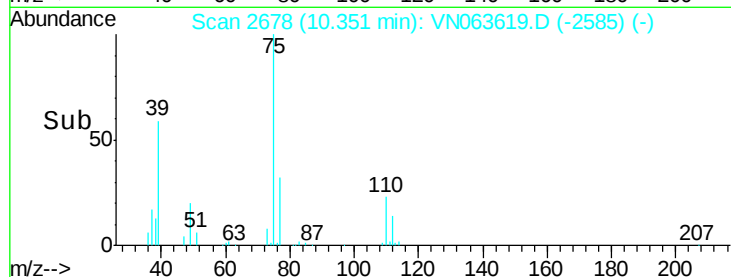
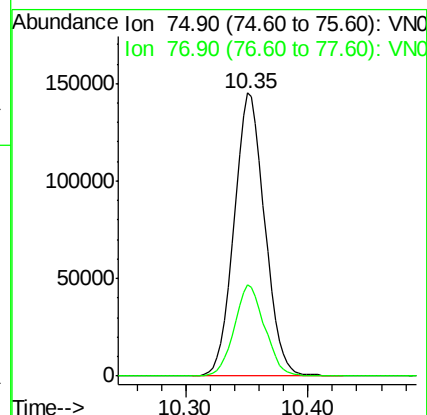
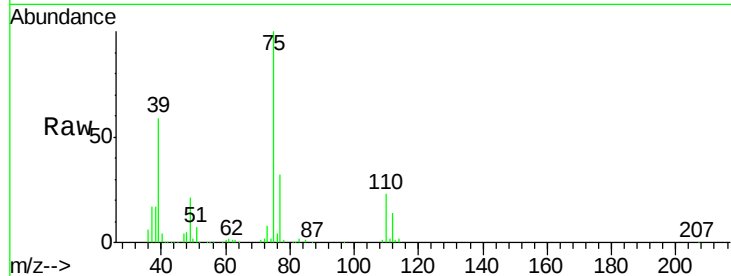
VSTDCCC050

Tgt Ion: 75 Resp: 254106

Ion Ratio Lower Upper

75 100

77 32.0 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 48.637 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN063619.D

Acq: 24 Sep 2020 11:13

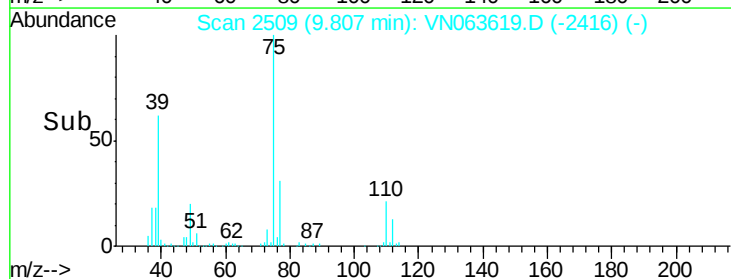
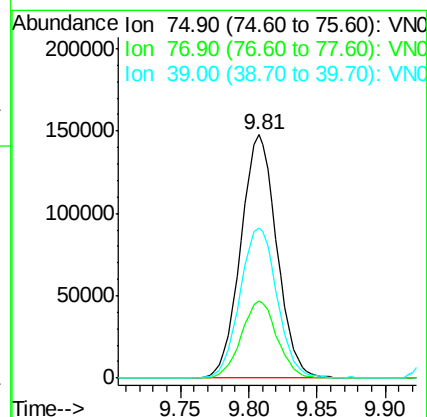
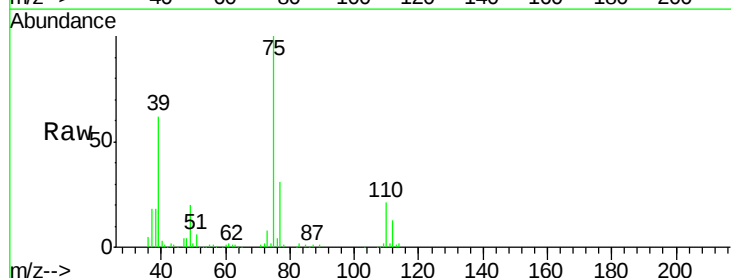
Tgt Ion: 75 Resp: 271114

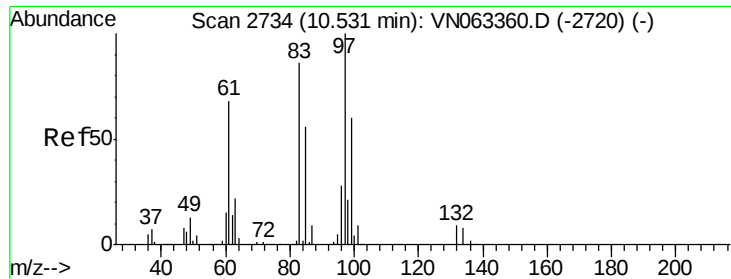
Ion Ratio Lower Upper

75 100

77 31.5 24.6 37.0

39 61.8 49.8 74.8

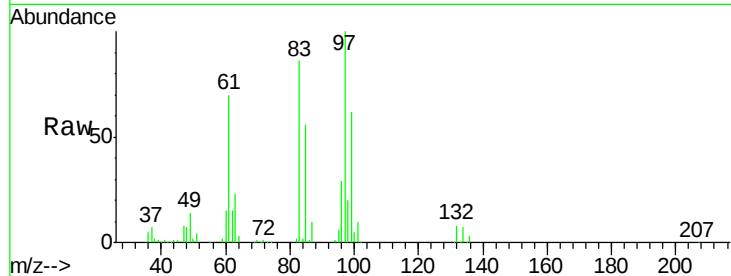




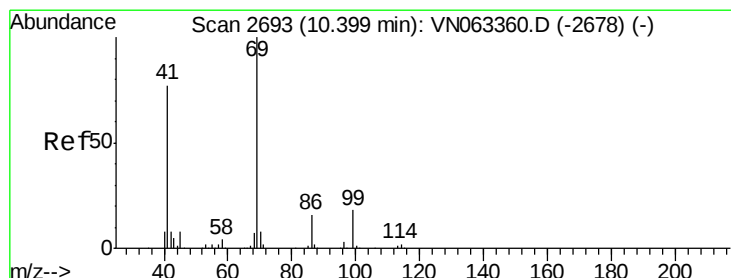
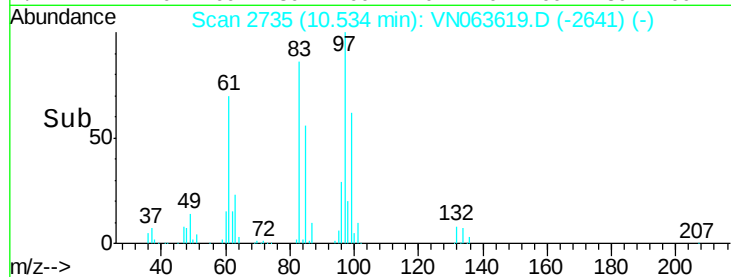
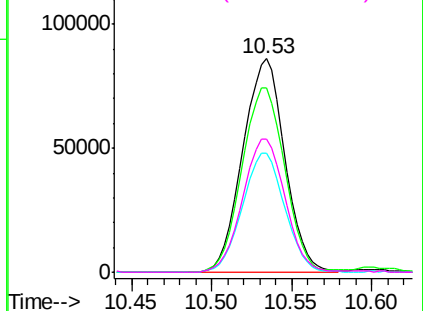
#55
 1,1,2-Trichloroethane
 Concen: 50.884 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN063619.D
 Acq: 24 Sep 2020 11:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 97 Resp: 154679
 Ion Ratio Lower Upper
 97 100
 83 86.2 68.9 103.3
 85 55.8 44.8 67.2
 99 62.2 47.8 71.8

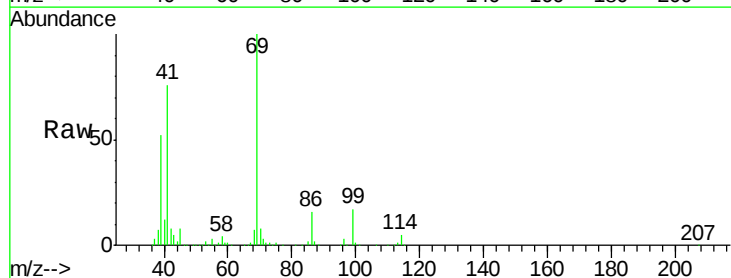


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

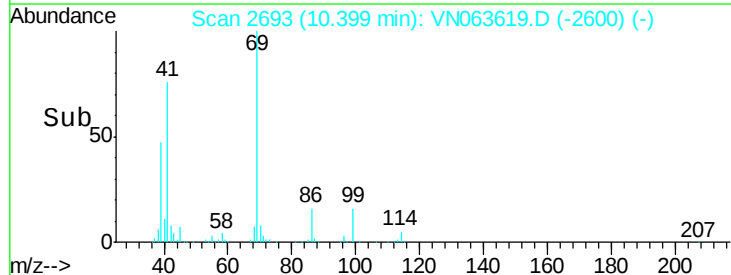
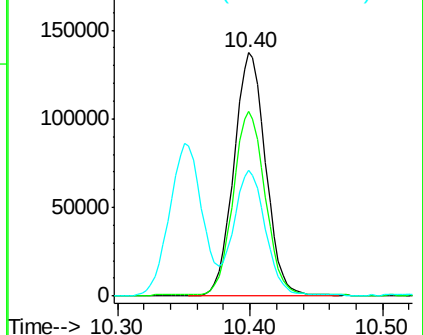


#56
 Ethyl methacrylate
 Concen: 48.276 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. -0.00 min
 Lab File: VN063619.D
 Acq: 24 Sep 2020 11:13

Tgt Ion: 69 Resp: 229092
 Ion Ratio Lower Upper
 69 100
 41 75.3 61.0 91.6
 39 51.7 39.2 58.8



Abundance Ion 69.00 (68.70 to 69.70): VN0
 Ion 41.00 (40.70 to 41.70): VN0
 Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 48.664 ug/l

RT: 10.68 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN063619.D

Acq: 24 Sep 2020 11:13

Instrument :

MSVOA_N

ClientSampleId :

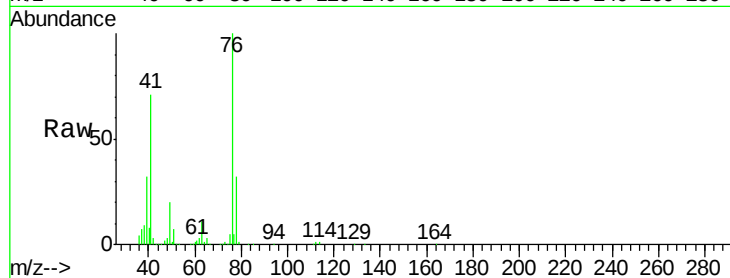
VSTDCCC050

Tgt Ion: 76 Resp: 266764

Ion Ratio Lower Upper

76 100

78 32.1 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.68

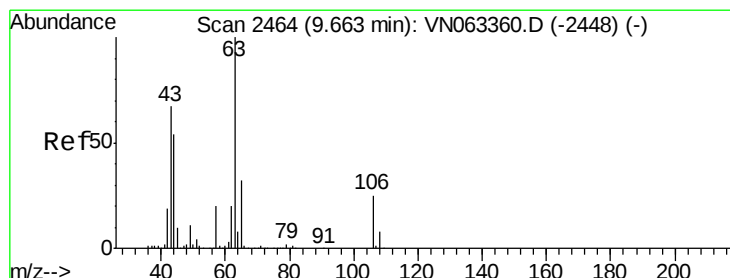
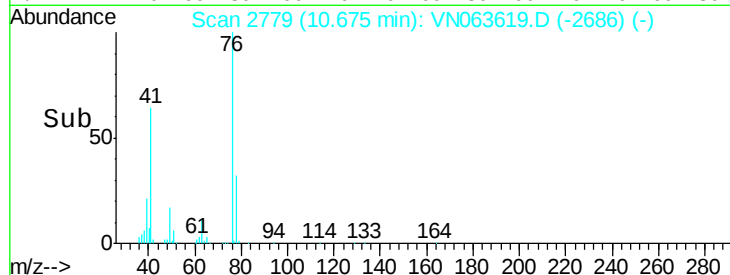
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 240.018 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. -0.00 min

Lab File: VN063619.D

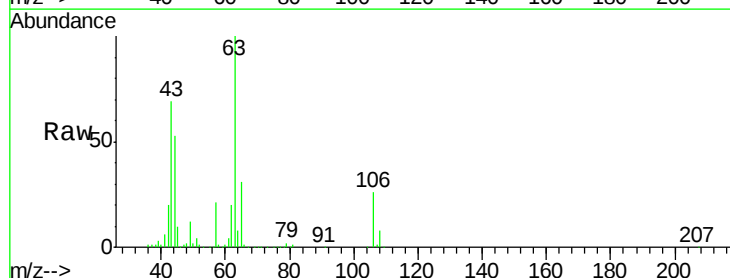
Acq: 24 Sep 2020 11:13

Tgt Ion: 63 Resp: 597500

Ion Ratio Lower Upper

63 100

106 25.7 19.5 29.3



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.66

400000

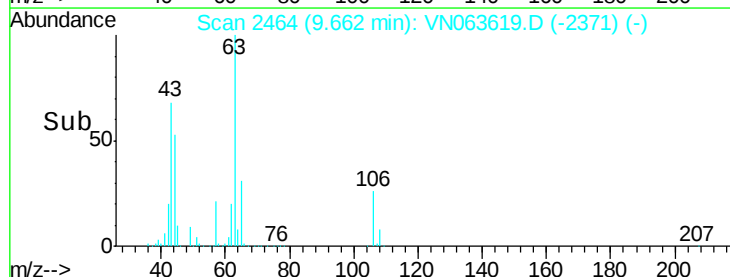
300000

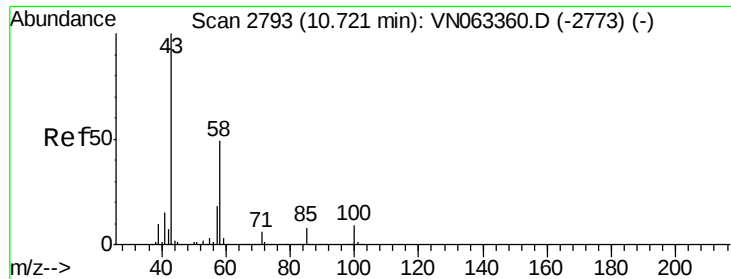
200000

100000

0

Time-->





#59

2-Hexanone

Concen: 240.887 ug/l

RT: 10.72 min Scan# 2793

Delta R.T. -0.00 min

Lab File: VN063619.D

Acq: 24 Sep 2020 11:13

Instrument :

MSVOA_N

ClientSampleId :

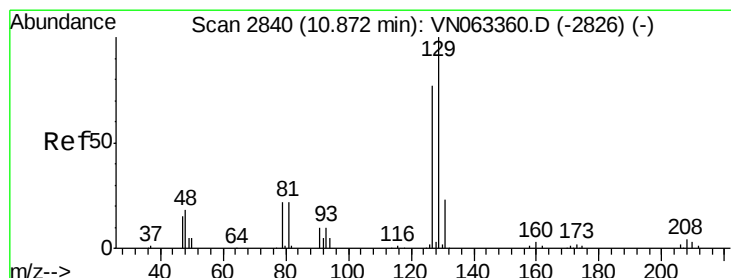
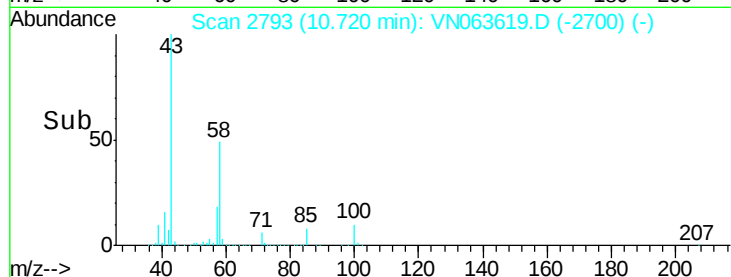
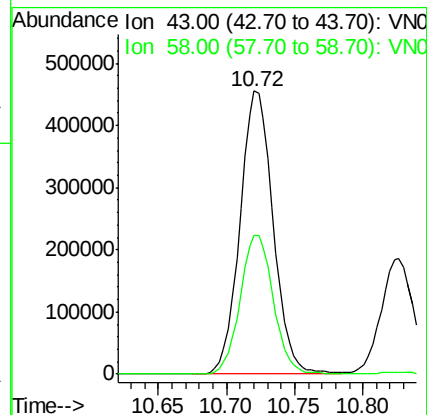
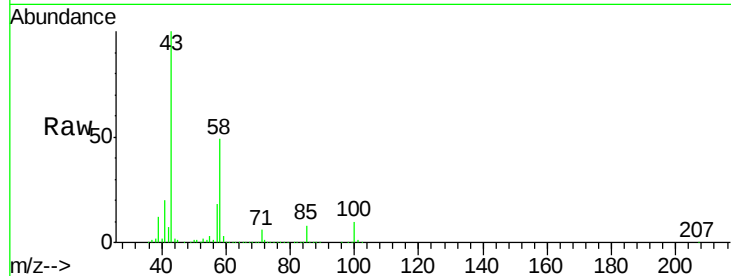
VSTDCCC050

Tgt Ion: 43 Resp: 764535

Ion Ratio Lower Upper

43 100

58 49.3 24.7 74.1



#60

Dibromochloromethane

Concen: 50.812 ug/l

RT: 10.87 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VN063619.D

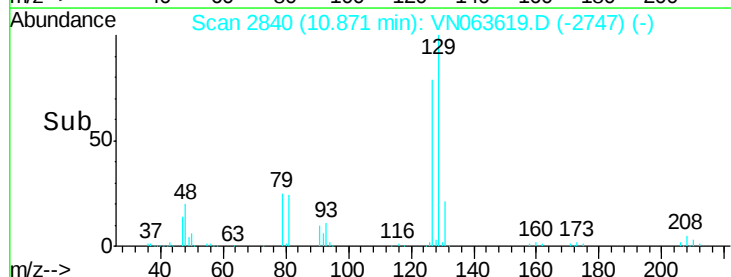
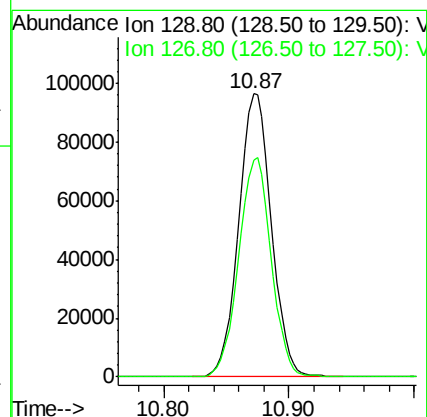
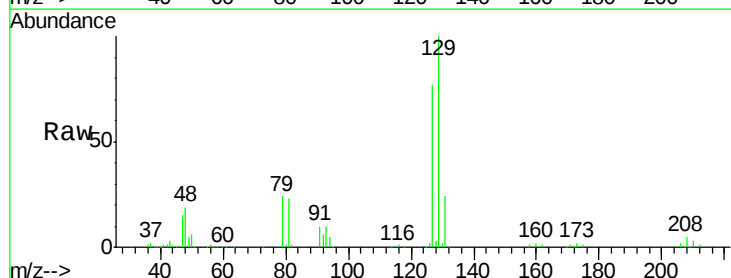
Acq: 24 Sep 2020 11:13

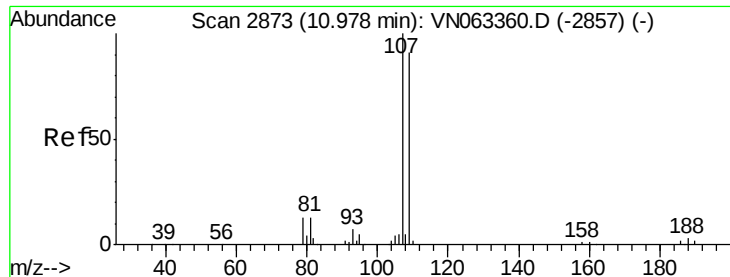
Tgt Ion: 129 Resp: 174497

Ion Ratio Lower Upper

129 100

127 77.0 39.1 117.3

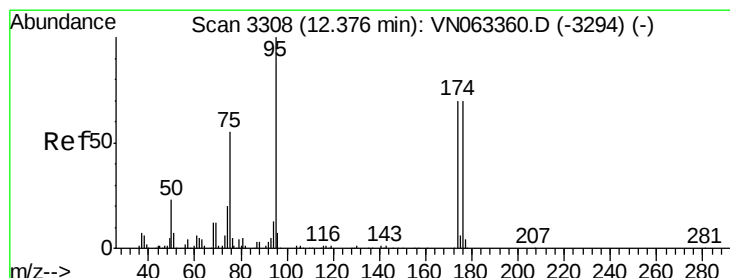
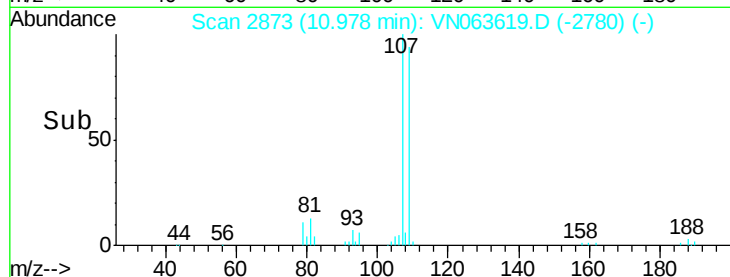
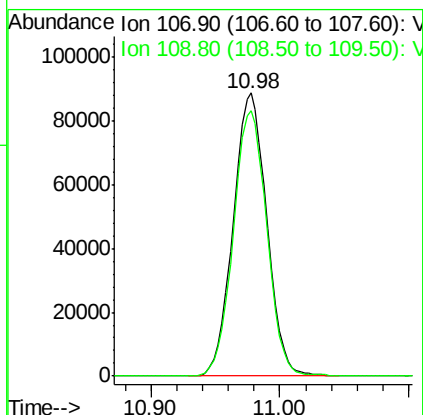
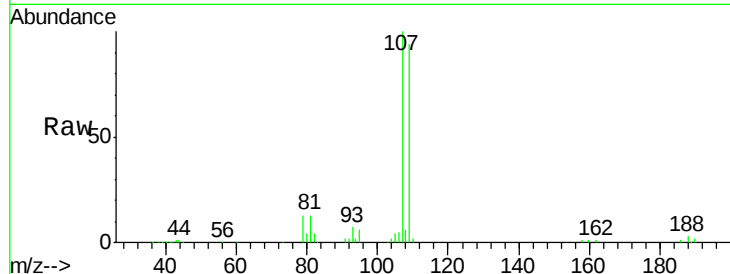




#61
 1,2-Dibromoethane
 Concen: 50.692 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. -0.00 min
 Lab File: VN063619.D
 Acq: 24 Sep 2020 11:13

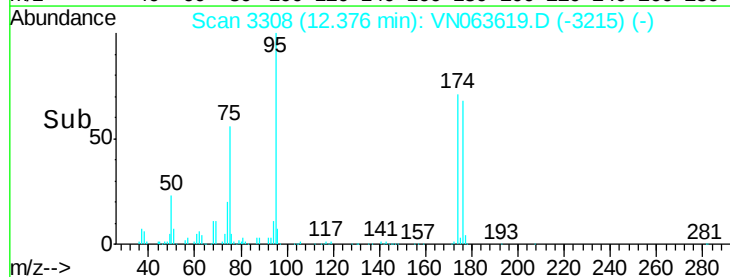
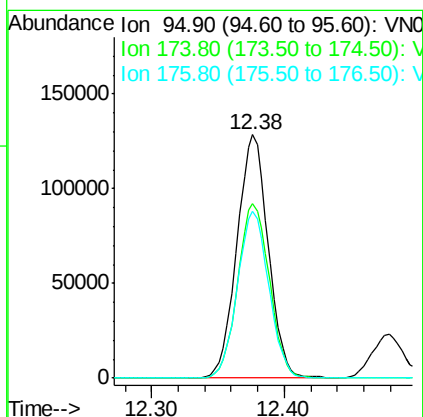
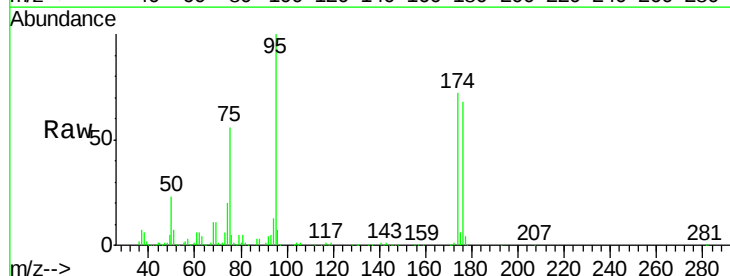
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

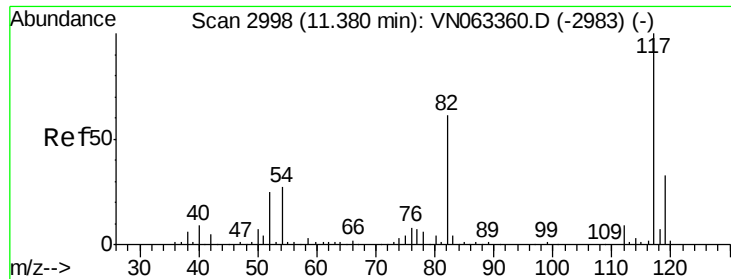
Tgt Ion: 107 Resp: 160091
 Ion Ratio Lower Upper
 107 100
 109 94.0 74.6 111.8



#62
 4-Bromofluorobenzene
 Concen: 52.702 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.00 min
 Lab File: VN063619.D
 Acq: 24 Sep 2020 11:13

Tgt Ion: 95 Resp: 210488
 Ion Ratio Lower Upper
 95 100
 174 72.6 0.0 140.8
 176 68.9 0.0 137.6

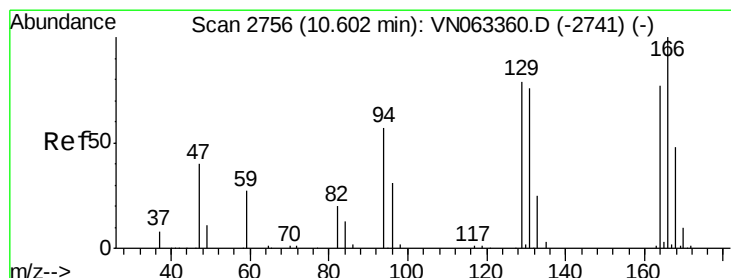
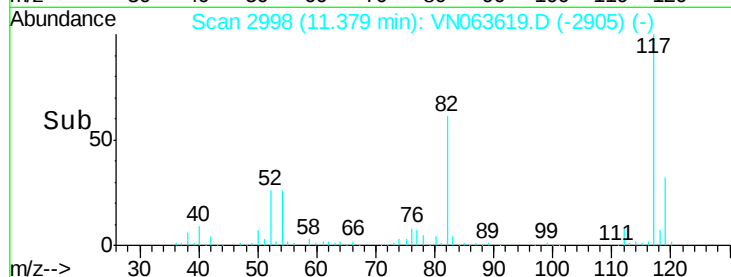
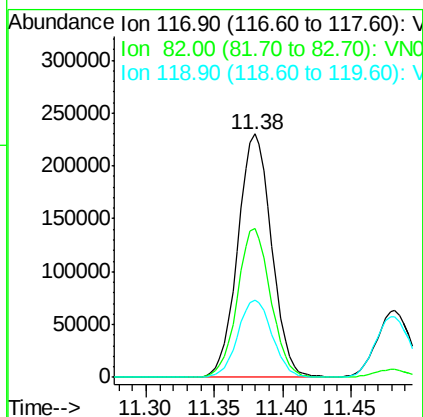
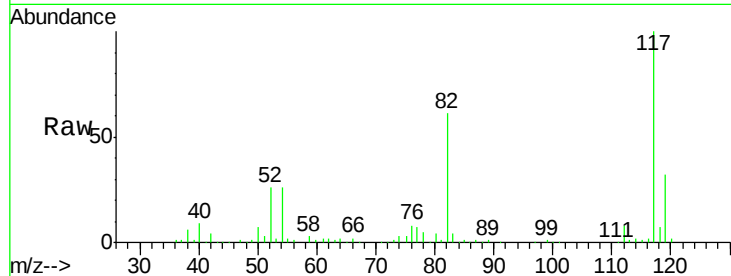




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063619.D
Acq: 24 Sep 2020 11:13

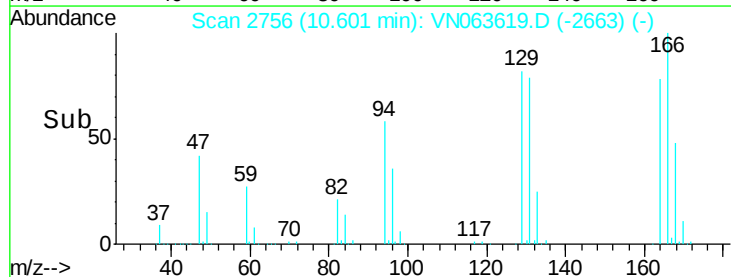
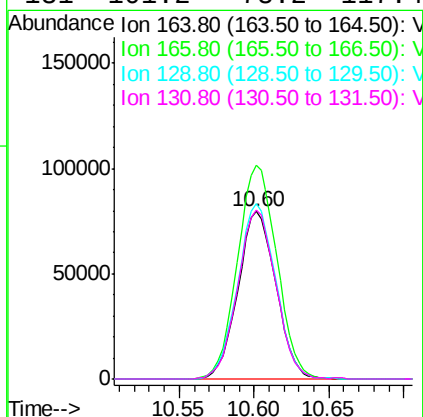
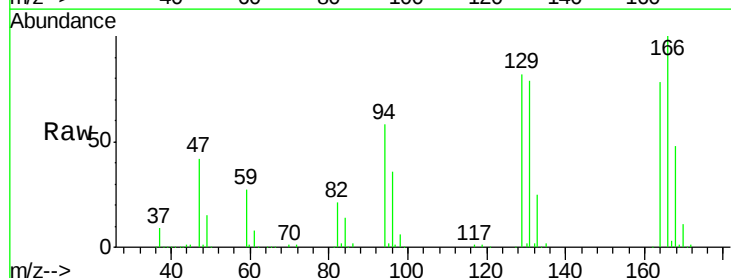
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

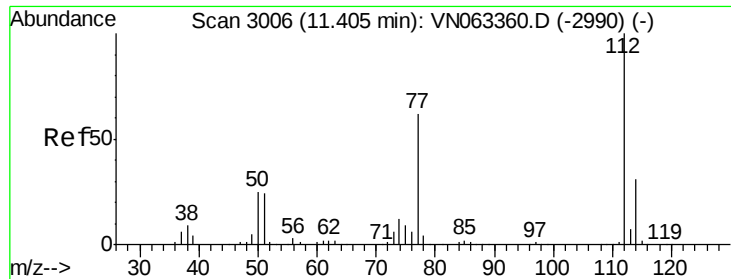
Tgt Ion:117 Resp: 397033
Ion Ratio Lower Upper
117 100
82 60.9 49.2 73.8
119 31.8 26.2 39.4



#64
Tetrachloroethene
Concen: 52.097 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN063619.D
Acq: 24 Sep 2020 11:13

Tgt Ion:164 Resp: 140845
Ion Ratio Lower Upper
164 100
166 127.6 103.4 155.0
129 104.6 81.8 122.6
131 101.2 78.2 117.4

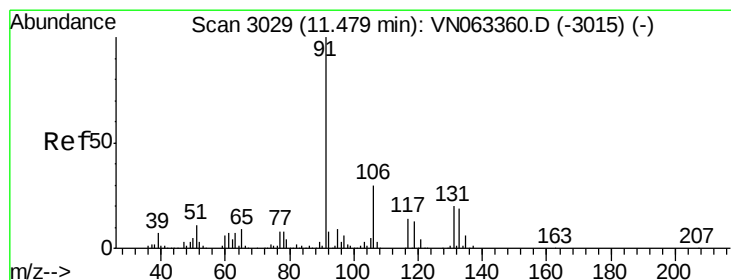
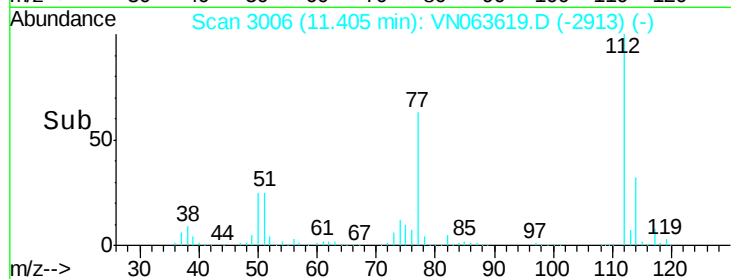
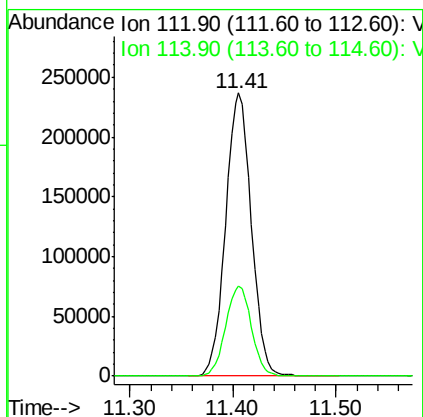
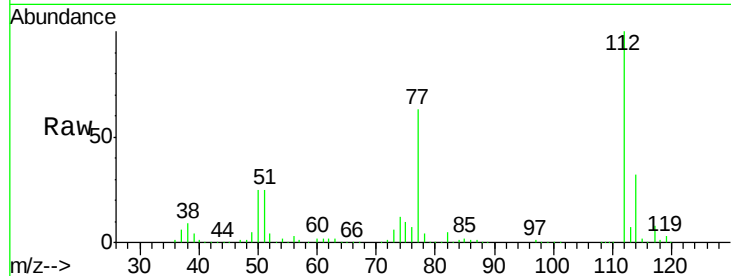




#65
Chlorobenzene
Concen: 48.813 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN063619.D
Acq: 24 Sep 2020 11:13

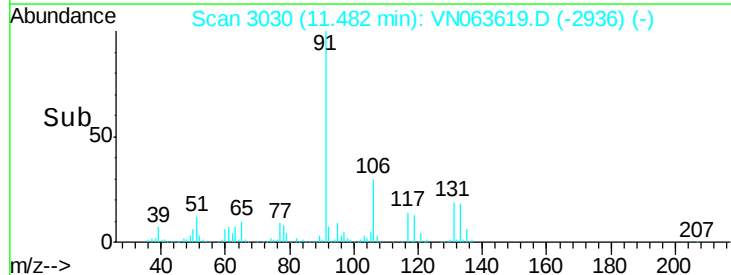
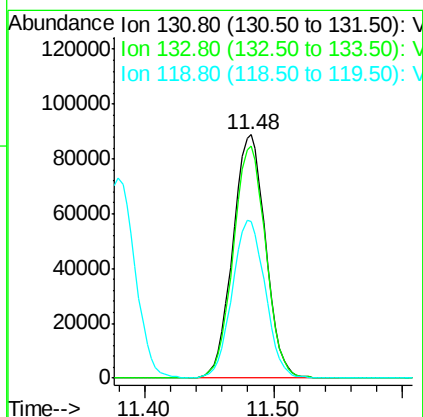
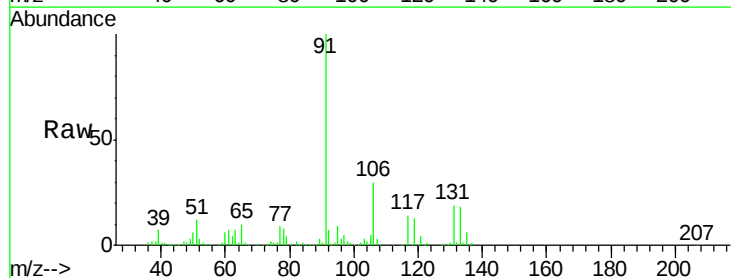
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

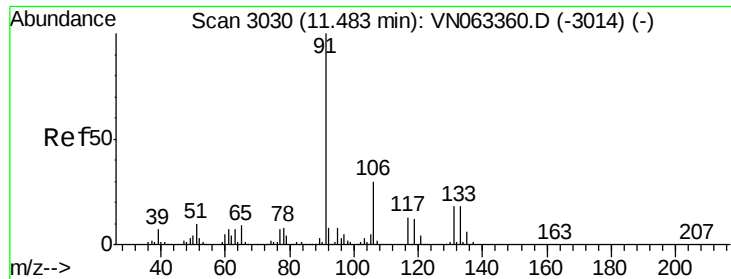
Tgt Ion:112 Resp: 411391
Ion Ratio Lower Upper
112 100
114 31.8 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 50.770 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063619.D
Acq: 24 Sep 2020 11:13

Tgt Ion:131 Resp: 156847
Ion Ratio Lower Upper
131 100
133 94.7 47.3 141.9
119 65.4 33.6 100.8





#67

Ethyl Benzene

Concen: 48.496 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. -0.00 min

Lab File: VN063619.D

Acq: 24 Sep 2020 11:13

Instrument :

MSVOA_N

ClientSampleId :

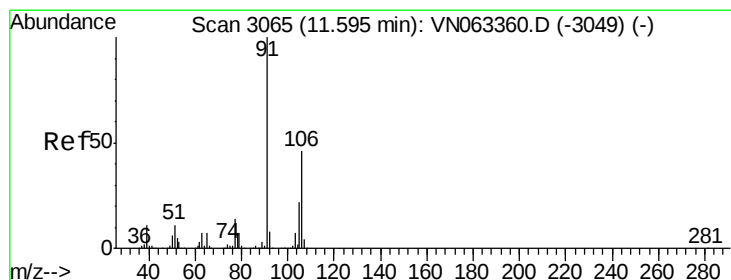
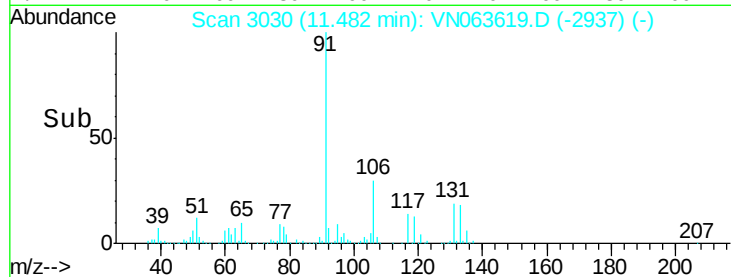
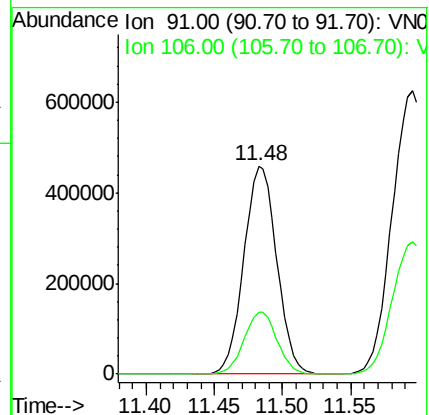
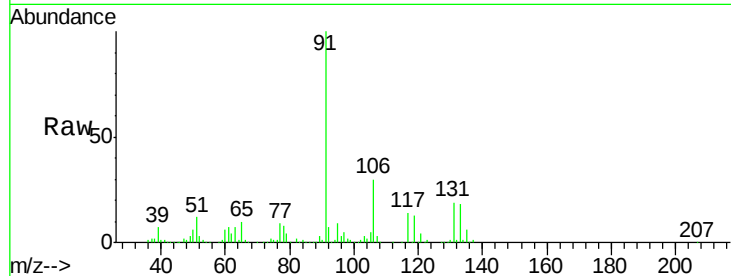
VSTDCCC050

Tgt Ion: 91 Resp: 769696

Ion Ratio Lower Upper

91 100

106 29.9 23.8 35.6



#68

m/p-Xylenes

Concen: 98.975 ug/l

RT: 11.59 min Scan# 3065

Delta R.T. -0.00 min

Lab File: VN063619.D

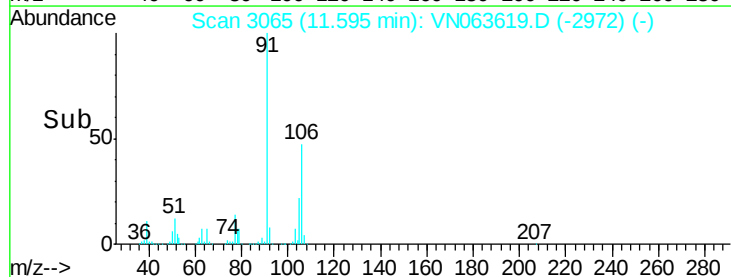
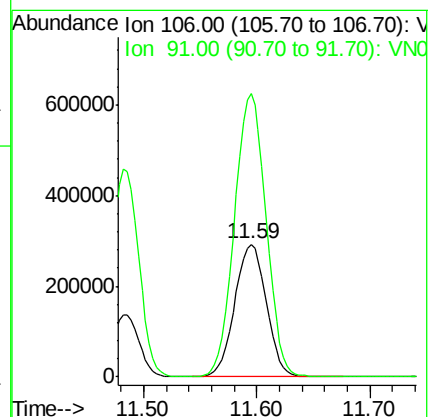
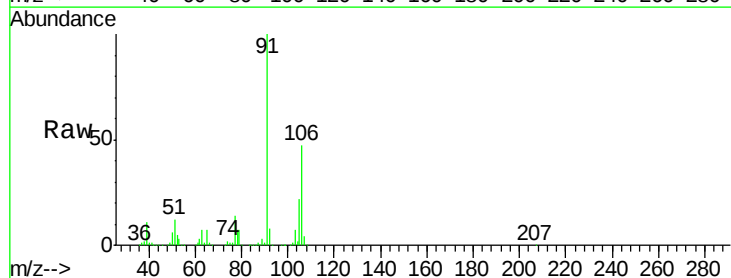
Acq: 24 Sep 2020 11:13

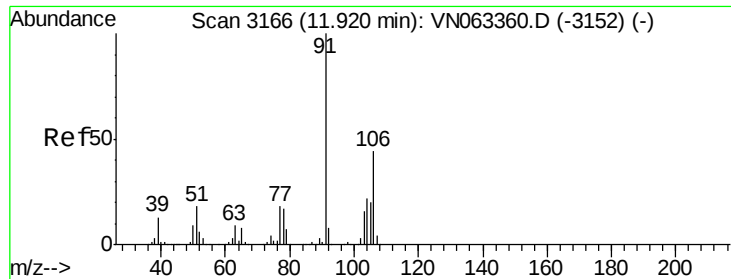
Tgt Ion: 106 Resp: 566375

Ion Ratio Lower Upper

106 100

91 213.1 171.2 256.8

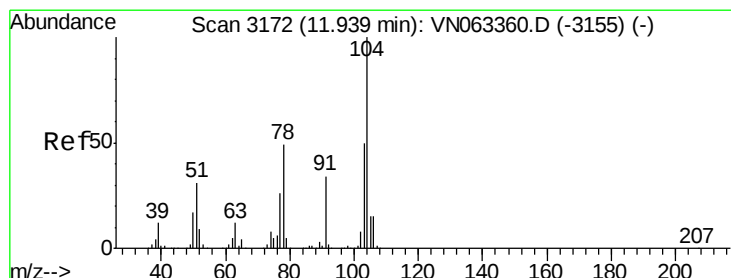
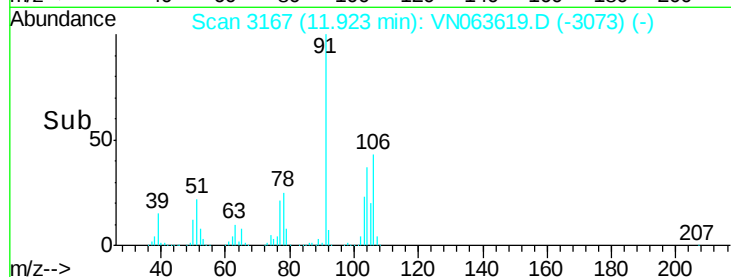
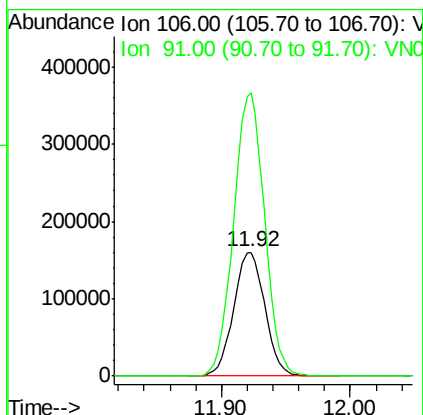
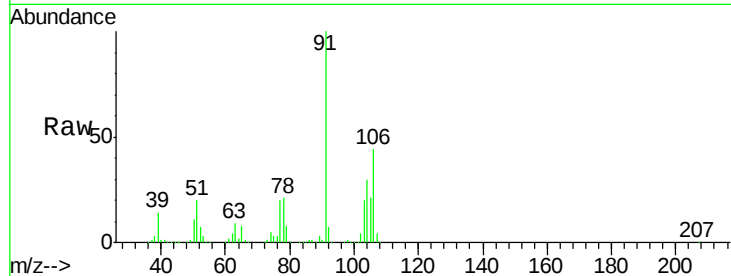




#69
o-Xylene
Concen: 49.232 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063619.D
Acq: 24 Sep 2020 11:13

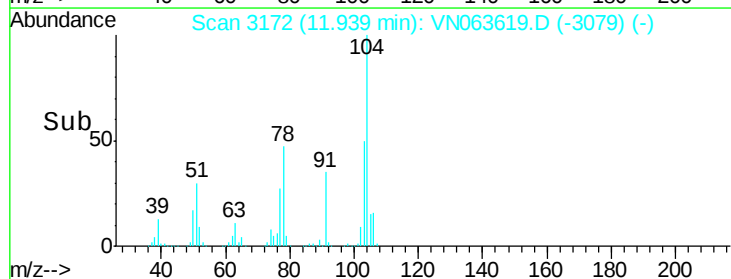
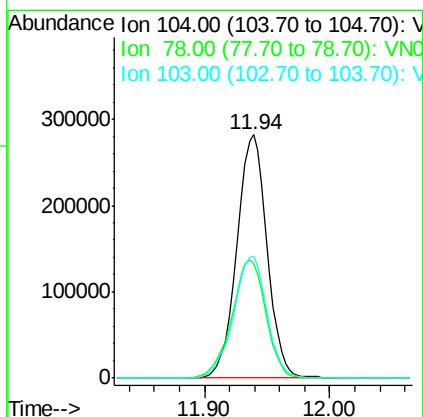
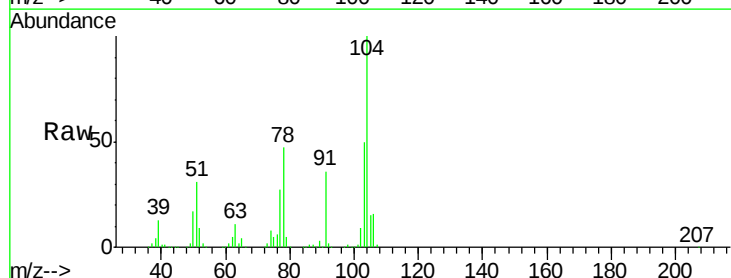
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

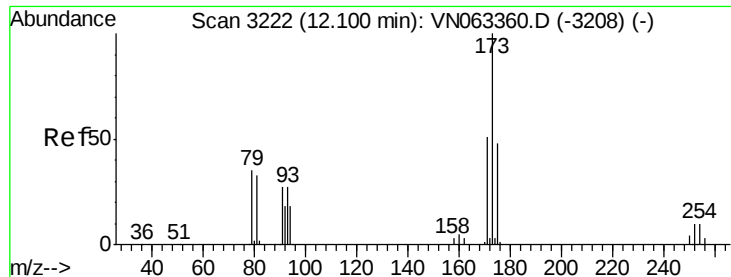
Tgt Ion:106 Resp: 268374
Ion Ratio Lower Upper
106 100
91 228.1 113.6 340.8



#70
Styrene
Concen: 51.709 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. -0.00 min
Lab File: VN063619.D
Acq: 24 Sep 2020 11:13

Tgt Ion:104 Resp: 472705
Ion Ratio Lower Upper
104 100
78 54.6 44.4 66.6
103 55.1 43.7 65.5





#71

Bromoform

Concen: 50.949 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. -0.00 min

Lab File: VN063619.D

Acq: 24 Sep 2020 11:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

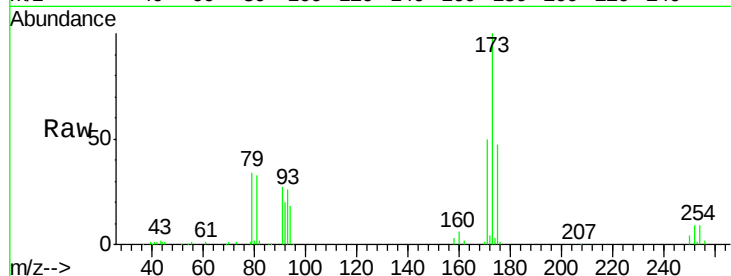
Tgt Ion:173 Resp: 117259

Ion Ratio Lower Upper

173 100

175 48.2 24.0 72.0

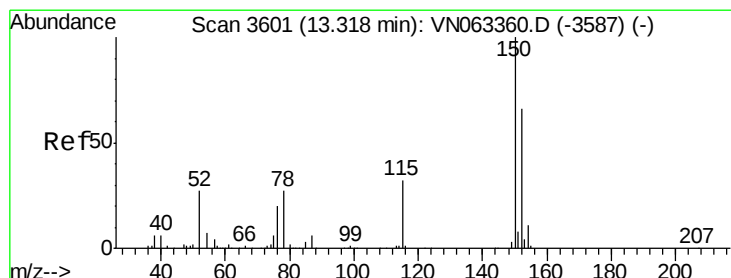
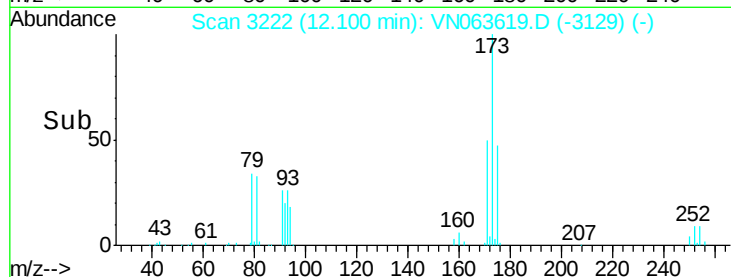
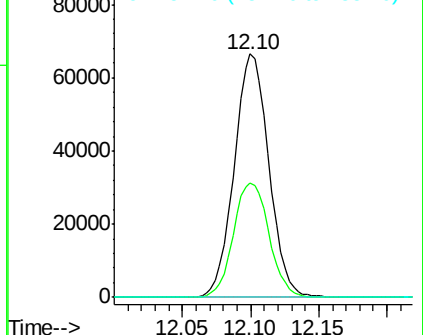
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. -0.00 min

Lab File: VN063619.D

Acq: 24 Sep 2020 11:13

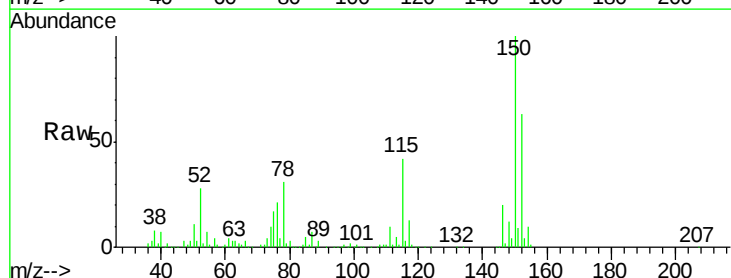
Tgt Ion:152 Resp: 198957

Ion Ratio Lower Upper

152 100

115 61.6 32.2 96.6

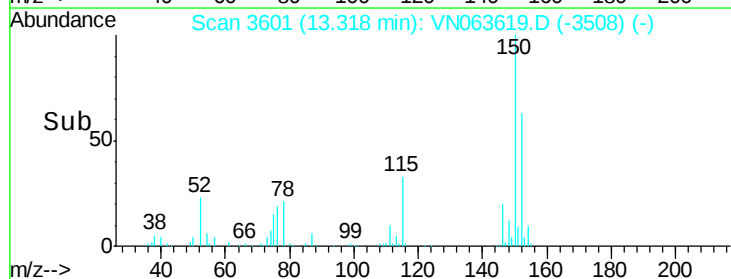
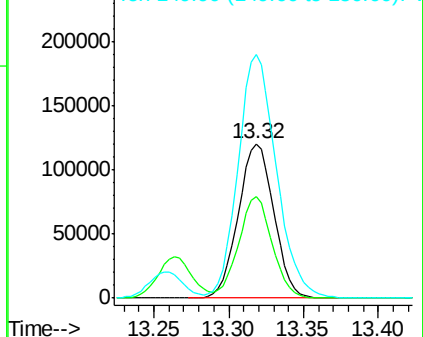
150 169.5 0.0 343.4

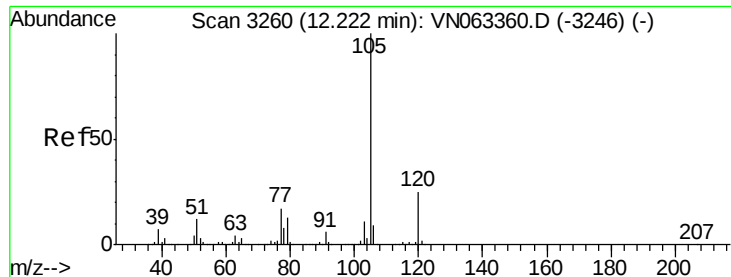


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 46.127 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063619.D

Acq: 24 Sep 2020 11:13

Instrument :

MSVOA_N

ClientSampleId :

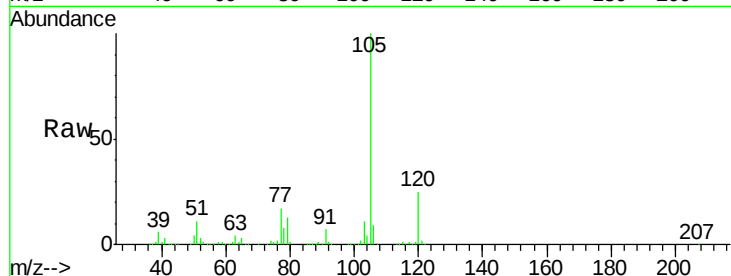
VSTDCCC050

Tgt Ion: 105 Resp: 735410

Ion Ratio Lower Upper

105 100

120 25.0 12.7 38.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.23

400000

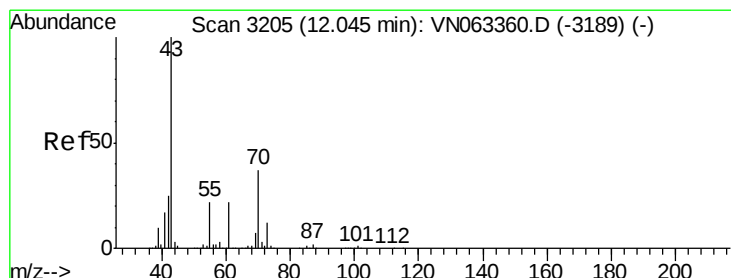
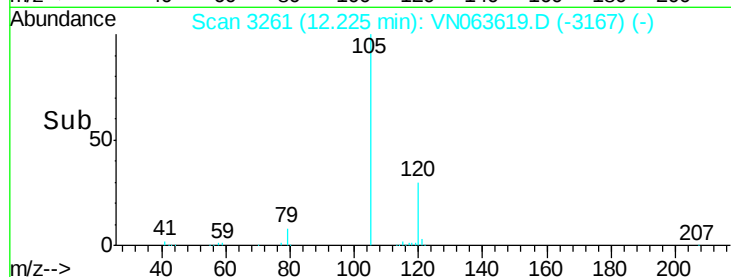
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 42.585 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. -0.00 min

Lab File: VN063619.D

Acq: 24 Sep 2020 11:13

Tgt Ion: 43 Resp: 321394

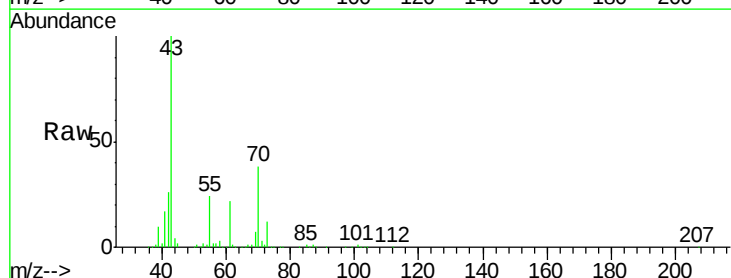
Ion Ratio Lower Upper

43 100

70 38.0 29.6 44.4

55 23.5 17.7 26.5

61 20.9 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

12.05

300000

250000

200000

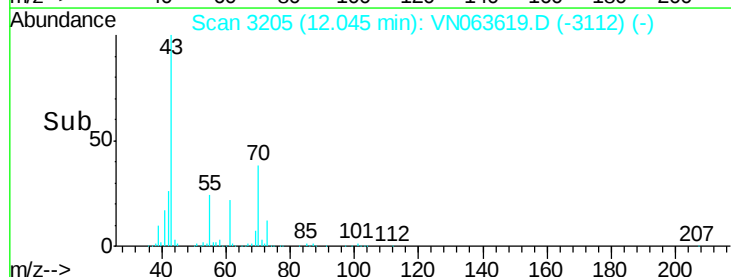
150000

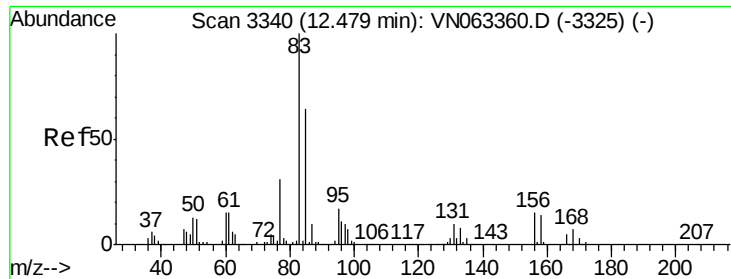
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 45.522 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063619.D

Acq: 24 Sep 2020 11:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

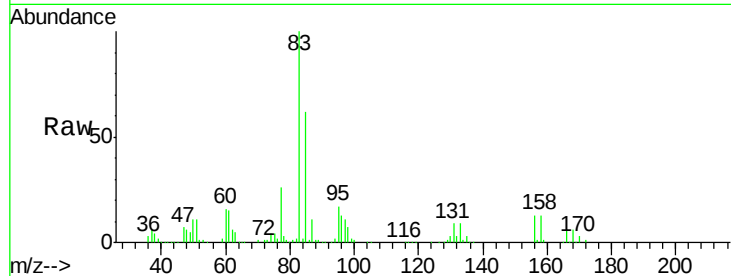
Tgt Ion: 83 Resp: 224721

Ion Ratio Lower Upper

83 100

131 9.4 4.9 14.7

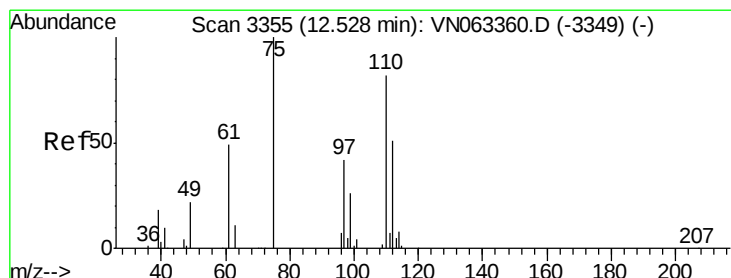
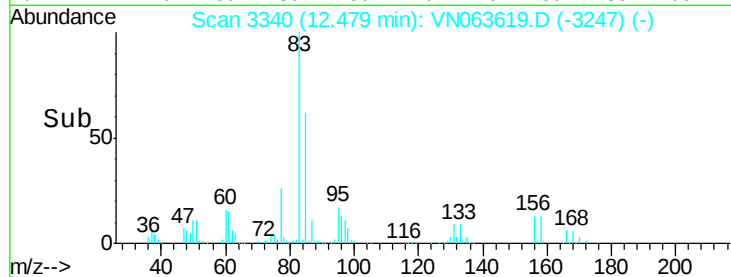
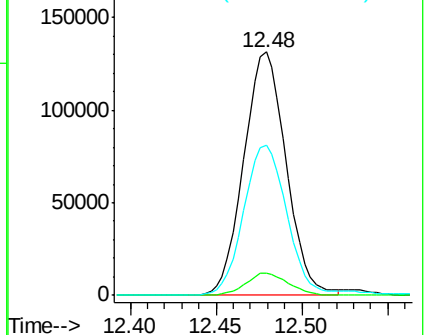
85 63.9 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 61.741 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. -0.00 min

Lab File: VN063619.D

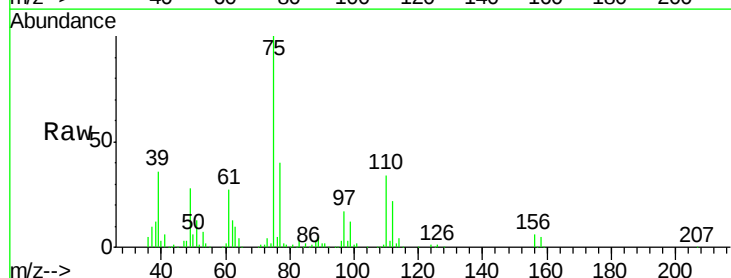
Acq: 24 Sep 2020 11:13

Tgt Ion: 75 Resp: 304042

Ion Ratio Lower Upper

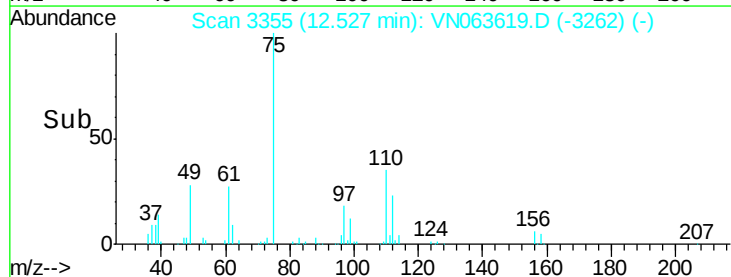
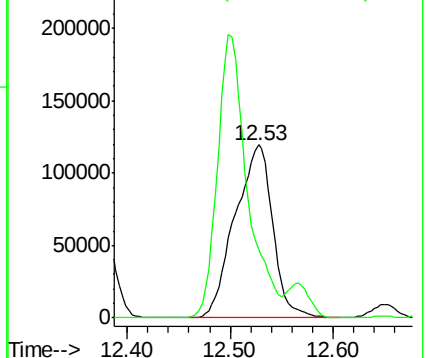
75 100

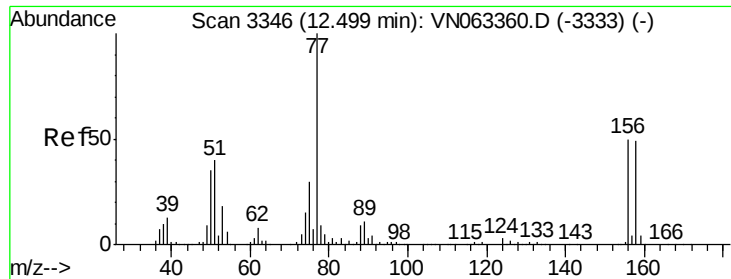
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 48.405 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN063619.D

Acq: 24 Sep 2020 11:13

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

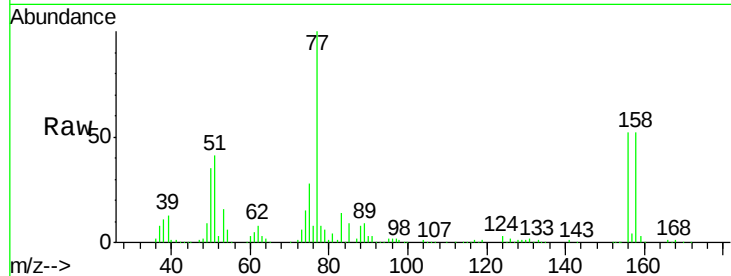
Tgt Ion:156 Resp: 173597

Ion Ratio Lower Upper

156 100

77 227.7 120.2 360.6

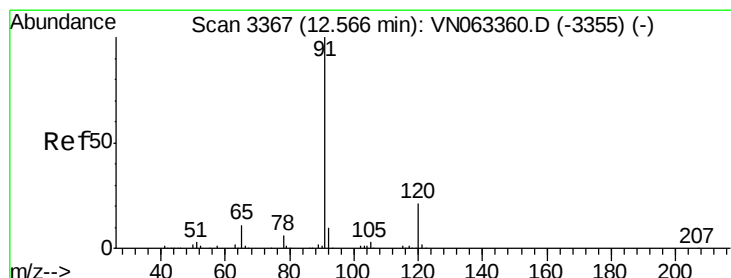
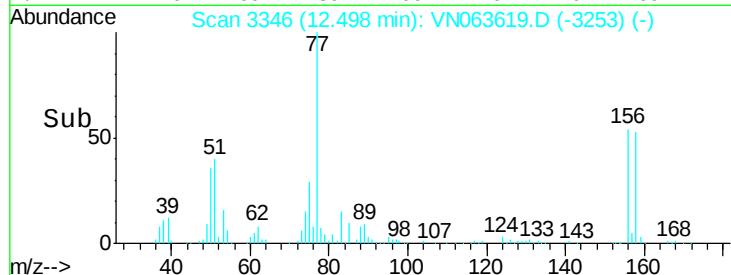
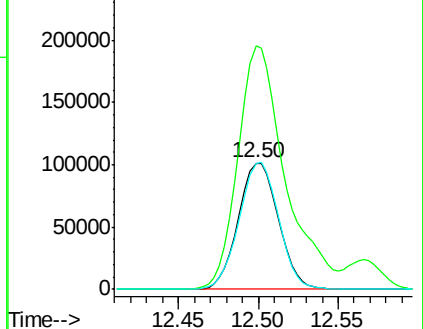
158 98.6 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 47.345 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063619.D

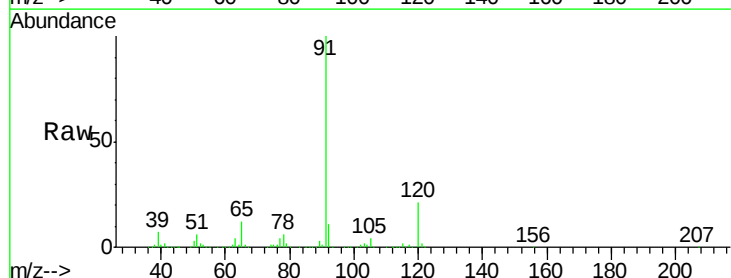
Acq: 24 Sep 2020 11:13

Tgt Ion: 91 Resp: 879174

Ion Ratio Lower Upper

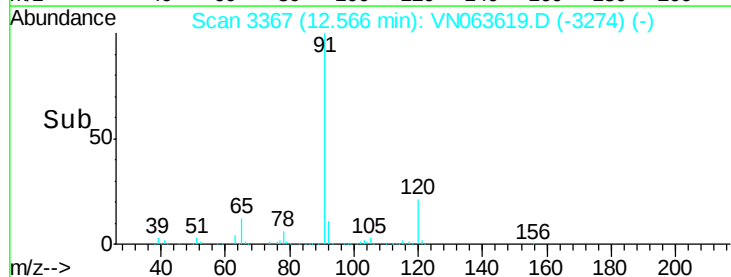
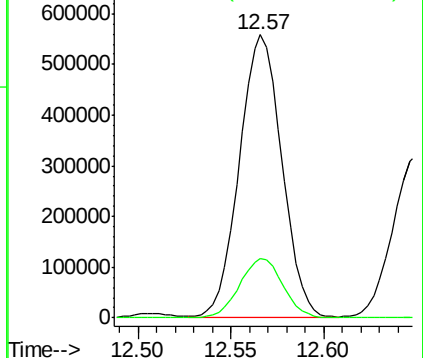
91 100

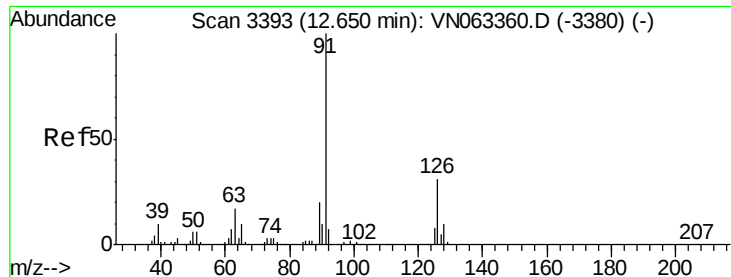
120 21.6 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.636 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. -0.00 min

Lab File: VN063619.D

Acq: 24 Sep 2020 11:13

Instrument :

MSVOA_N

ClientSampleId :

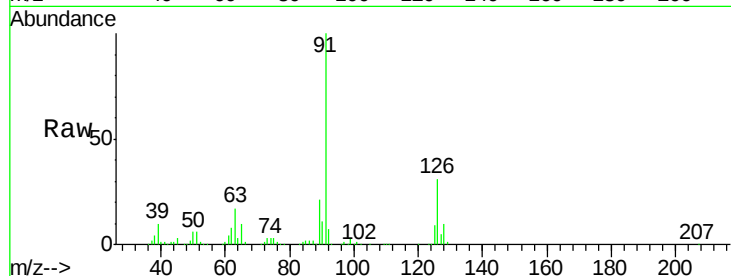
VSTDCCC050

Tgt Ion: 91 Resp: 519124

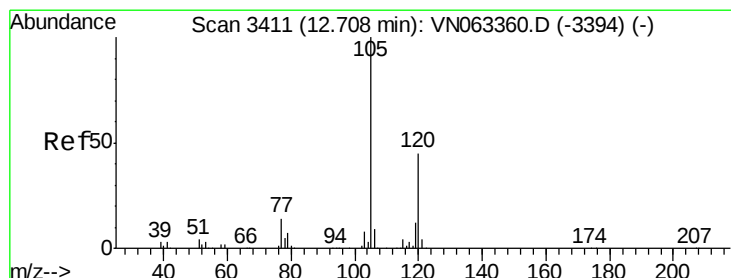
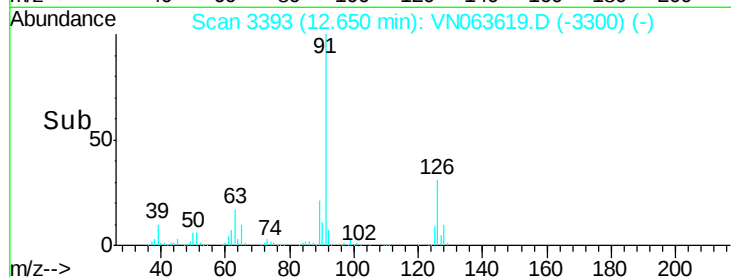
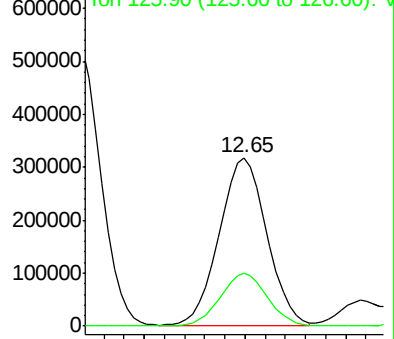
Ion Ratio Lower Upper

91 100

126 31.3 15.8 47.3



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



#80

1,3,5-Trimethylbenzene

Concen: 47.794 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN063619.D

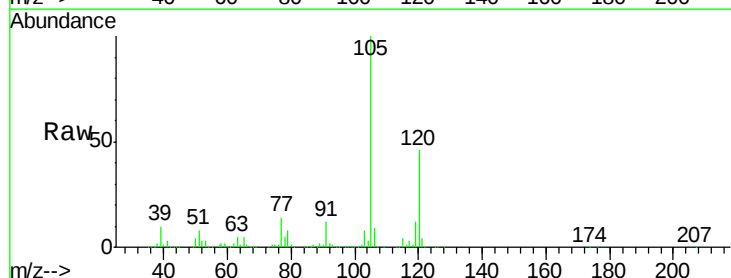
Acq: 24 Sep 2020 11:13

Tgt Ion: 105 Resp: 635401

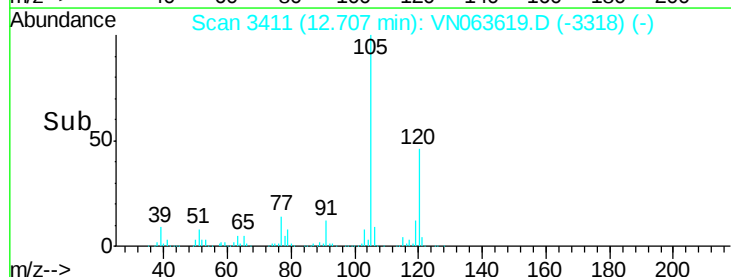
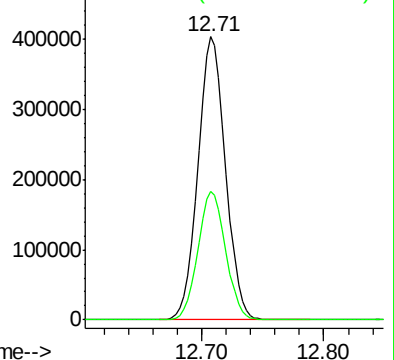
Ion Ratio Lower Upper

105 100

120 45.9 22.9 68.8



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





#81

trans-1,4-Dichloro-2-butene

Concen: 42.281 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. -0.00 min

Lab File: VN063619.D

Acq: 24 Sep 2020 11:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

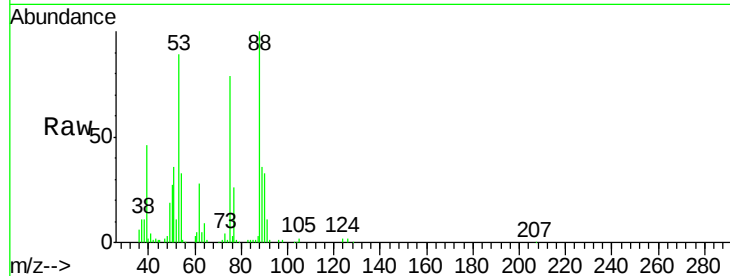
Tgt Ion: 75 Resp: 75944

Ion Ratio Lower Upper

75 100

53 112.2 85.7 128.5

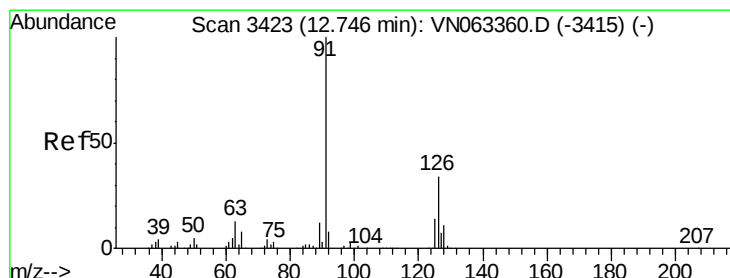
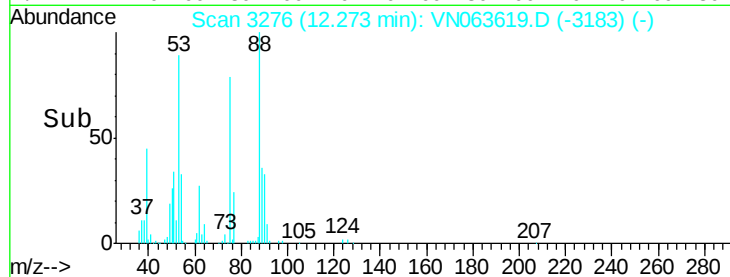
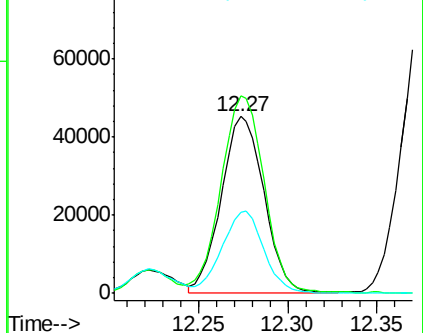
89 45.6 38.0 57.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 47.143 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. -0.00 min

Lab File: VN063619.D

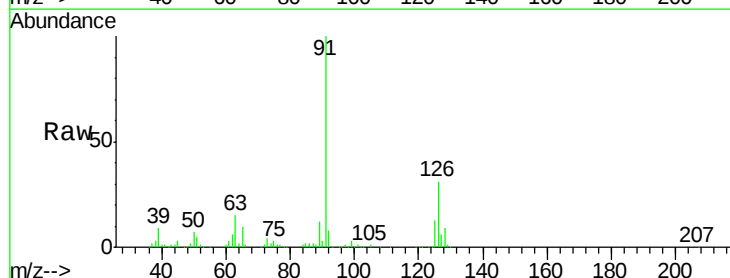
Acq: 24 Sep 2020 11:13

Tgt Ion: 91 Resp: 554460

Ion Ratio Lower Upper

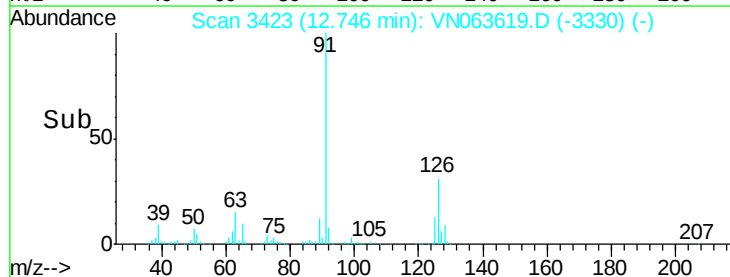
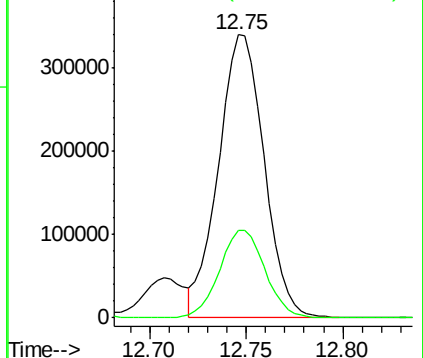
91 100

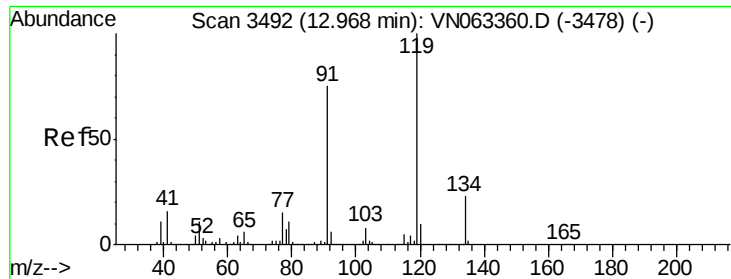
126 30.8 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

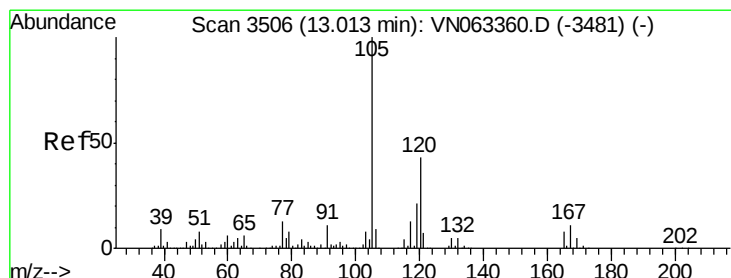
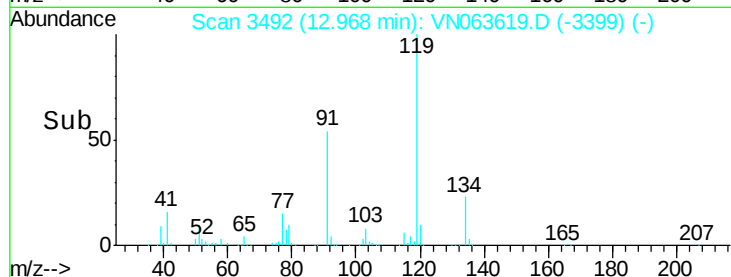
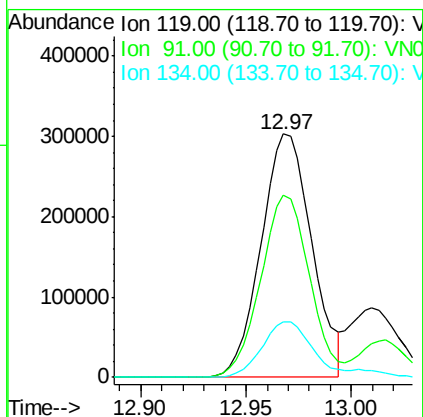
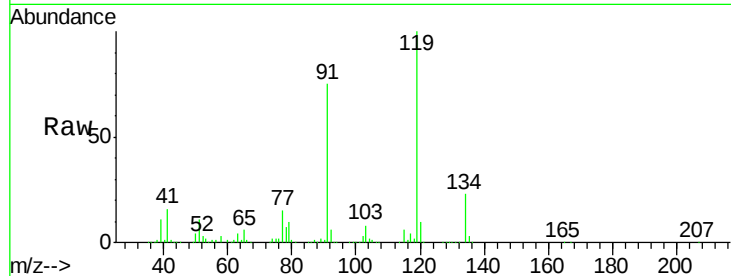




#83
 tert-Butylbenzene
 Concen: 46.265 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. -0.00 min
 Lab File: VN063619.D
 Acq: 24 Sep 2020 11:13

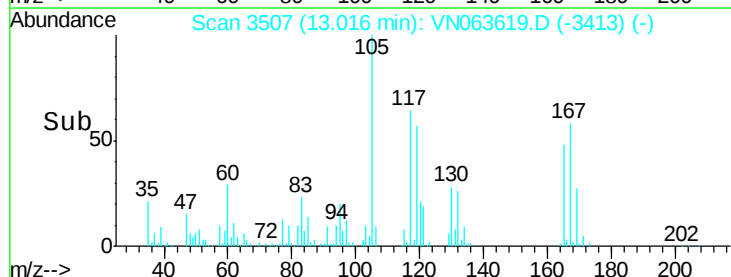
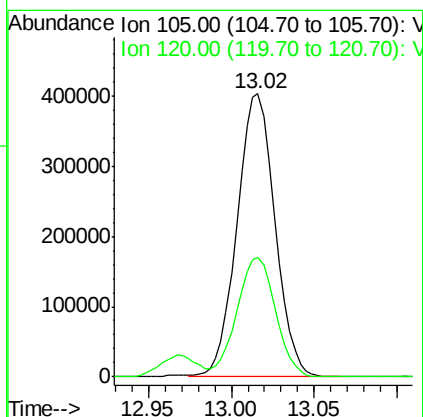
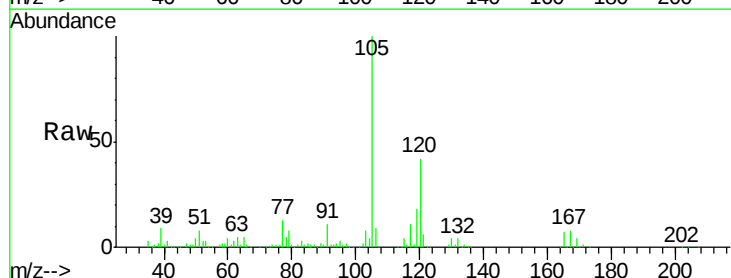
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

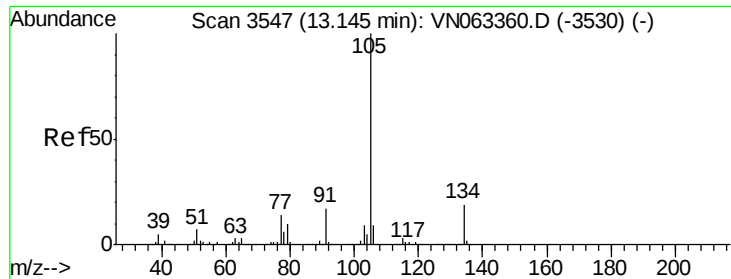
Tgt Ion:119 Resp: 507647
 Ion Ratio Lower Upper
 119 100
 91 72.1 36.3 108.9
 134 22.6 12.3 36.8



#84
 1,2,4-Trimethylbenzene
 Concen: 47.521 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. 0.00 min
 Lab File: VN063619.D
 Acq: 24 Sep 2020 11:13

Tgt Ion:105 Resp: 638143
 Ion Ratio Lower Upper
 105 100
 120 42.9 21.3 63.9

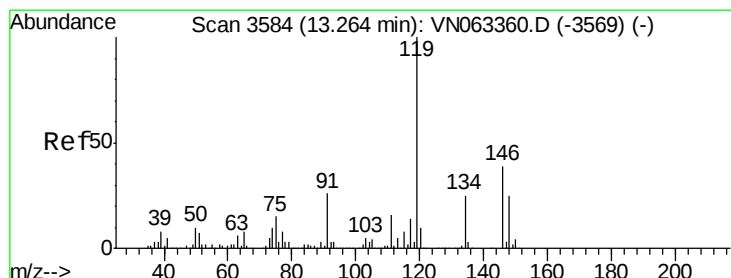
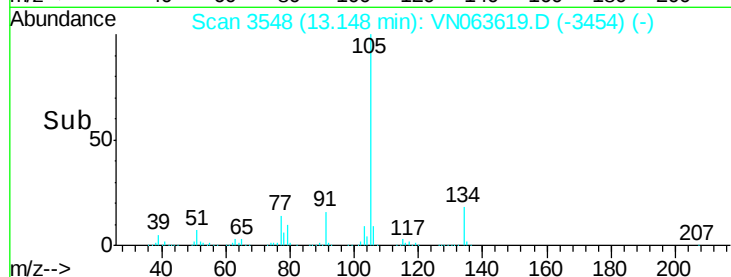
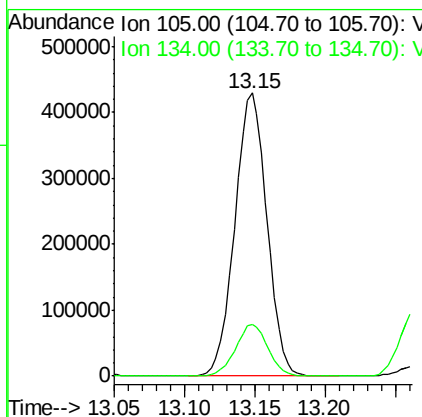
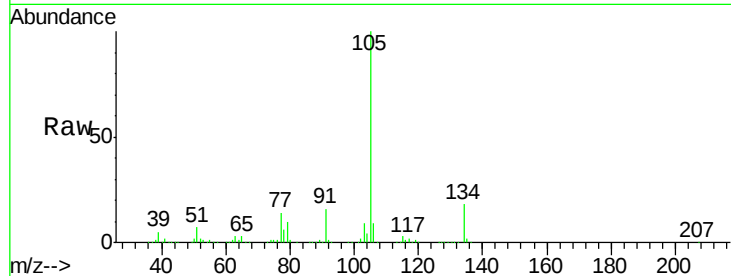




#85
 sec-Butylbenzene
 Concen: 46.440 ug/l
 RT: 13.15 min Scan# 3548
 Delta R.T. 0.00 min
 Lab File: VN063619.D
 Acq: 24 Sep 2020 11:13

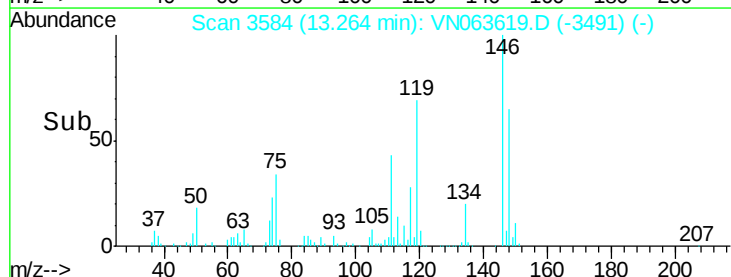
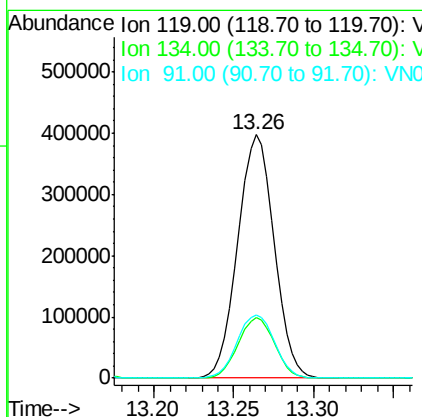
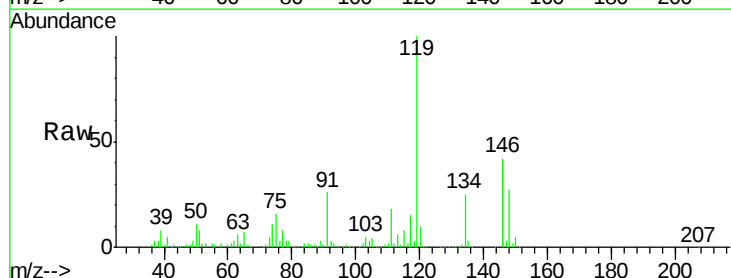
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

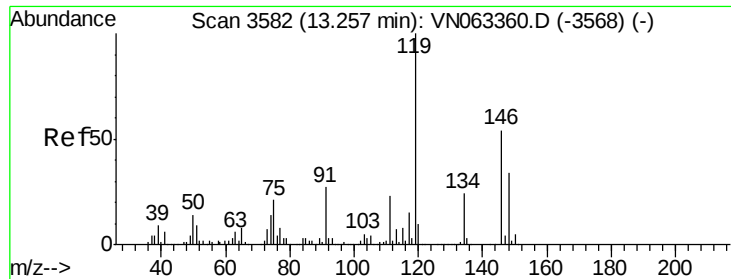
Tgt Ion:105 Resp: 682085
 Ion Ratio Lower Upper
 105 100
 134 18.5 9.3 27.7



#86
 p-Isopropyltoluene
 Concen: 47.379 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. -0.00 min
 Lab File: VN063619.D
 Acq: 24 Sep 2020 11:13

Tgt Ion:119 Resp: 613780
 Ion Ratio Lower Upper
 119 100
 134 25.1 12.5 37.5
 91 26.9 13.4 40.1

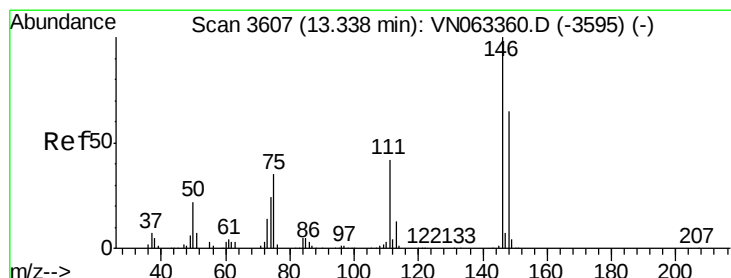
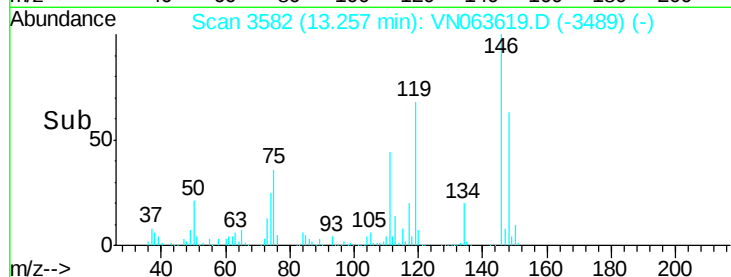
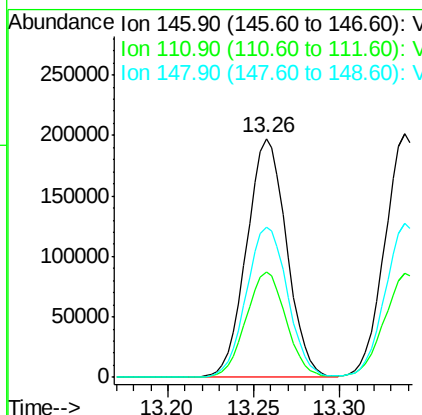
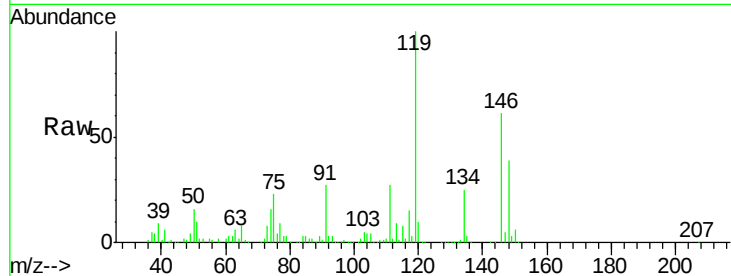




#87
 1,3-Dichlorobenzene
 Concen: 48.003 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN063619.D
 Acq: 24 Sep 2020 11:13

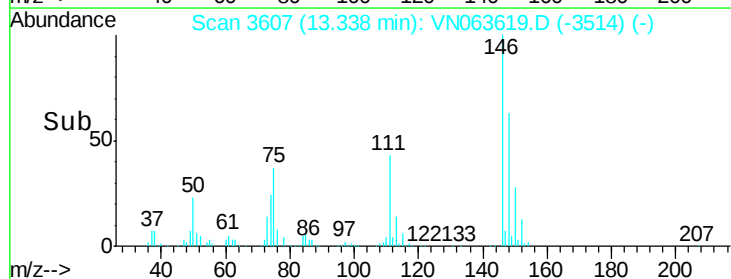
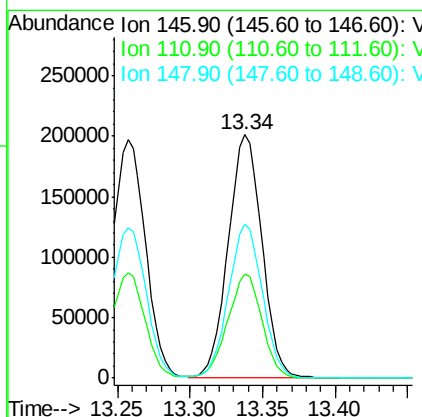
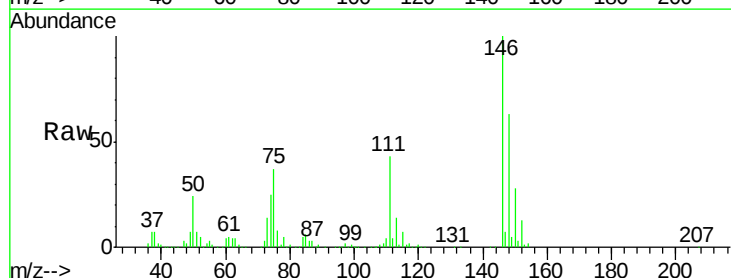
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

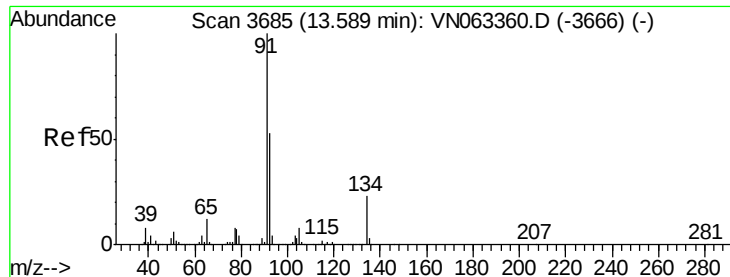
Tgt Ion:146 Resp: 319085
 Ion Ratio Lower Upper
 146 100
 111 44.2 21.4 64.3
 148 64.9 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 48.029 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. -0.00 min
 Lab File: VN063619.D
 Acq: 24 Sep 2020 11:13

Tgt Ion:146 Resp: 324585
 Ion Ratio Lower Upper
 146 100
 111 43.1 21.2 63.6
 148 63.7 31.9 95.9





#89

n-Butylbenzene

Concen: 47.341 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. -0.00 min

Lab File: VN063619.D

Acq: 24 Sep 2020 11:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

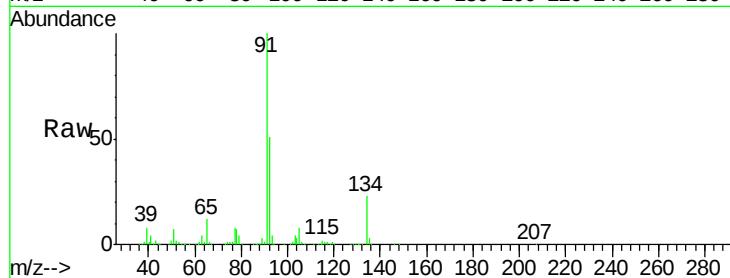
Tgt Ion: 91 Resp: 565291

Ion Ratio Lower Upper

91 100

92 50.7 26.0 78.0

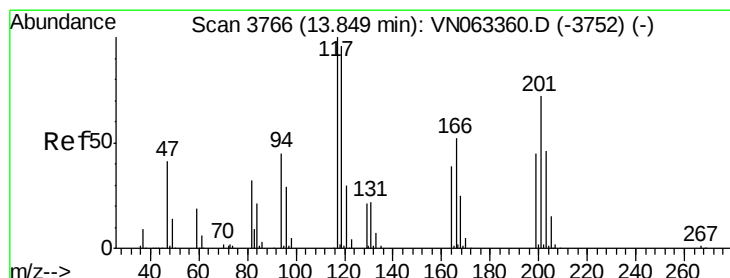
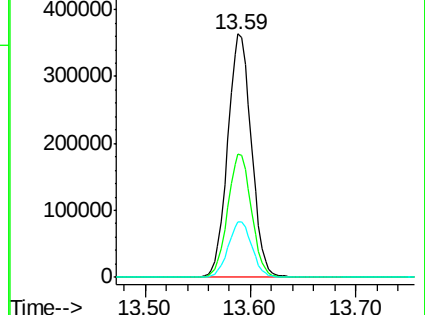
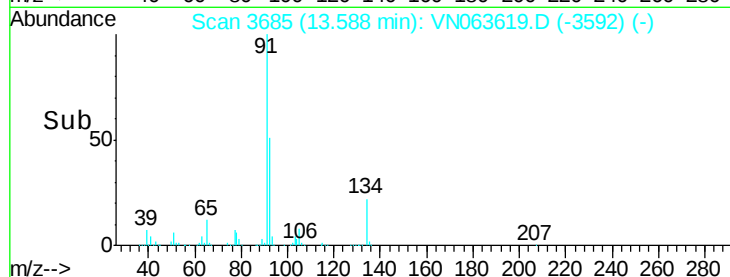
134 22.8 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VN063619.D (-3592) (-)

Ion 92.00 (91.70 to 92.70): VN063619.D (-3592) (-)

Ion 134.00 (133.70 to 134.70): VN063619.D (-3592) (-)



#90

Hexachloroethane

Concen: 45.235 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. -0.00 min

Lab File: VN063619.D

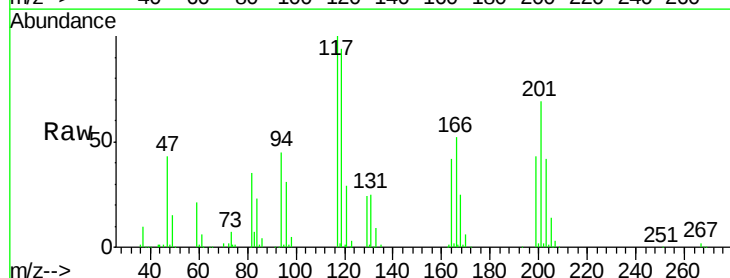
Acq: 24 Sep 2020 11:13

Tgt Ion: 117 Resp: 111585

Ion Ratio Lower Upper

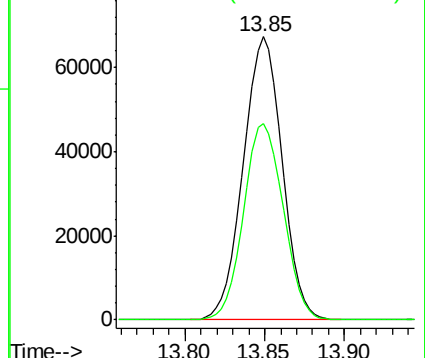
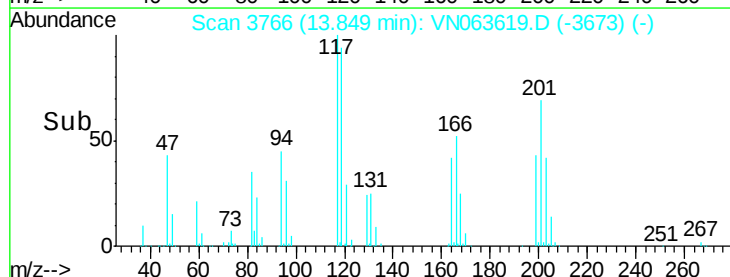
117 100

201 70.7 35.5 106.7



Abundance Ion 116.80 (116.50 to 117.50): VN063619.D (-3673) (-)

Ion 200.70 (200.40 to 201.40): VN063619.D (-3673) (-)

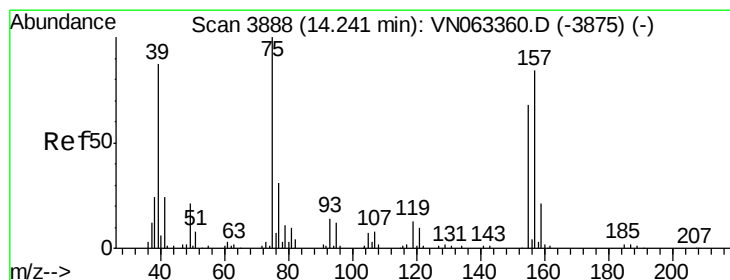
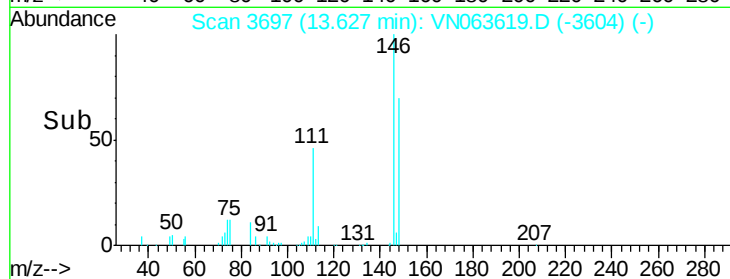
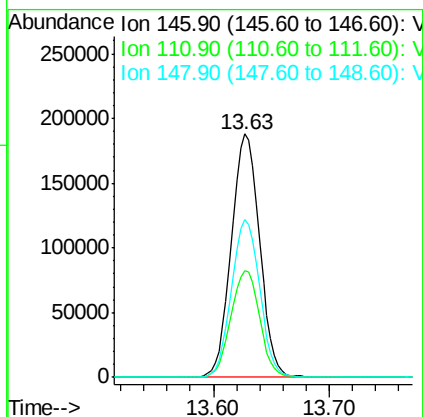
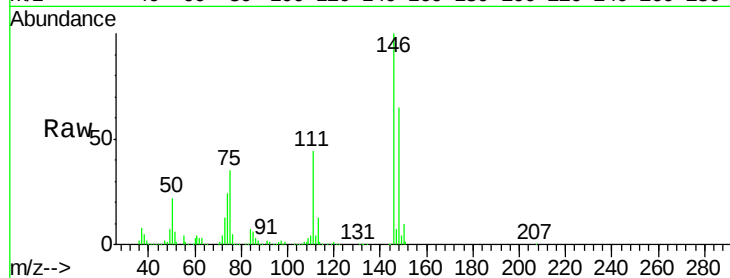




#91
 1,2-Dichlorobenzene
 Concen: 48.468 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: VN063619.D
 Acq: 24 Sep 2020 11:13

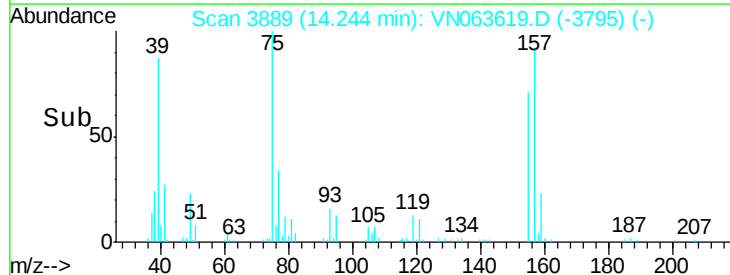
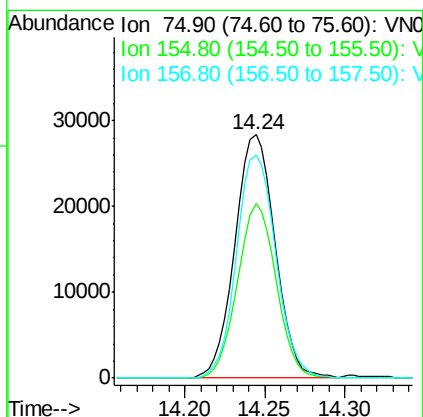
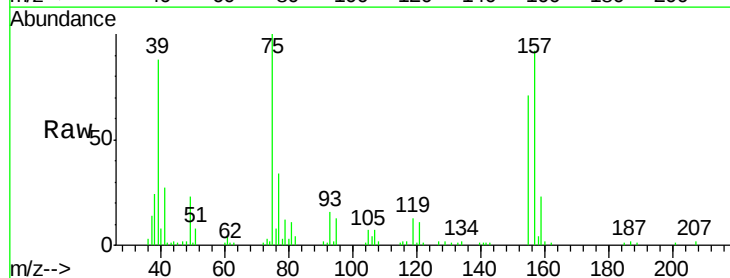
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

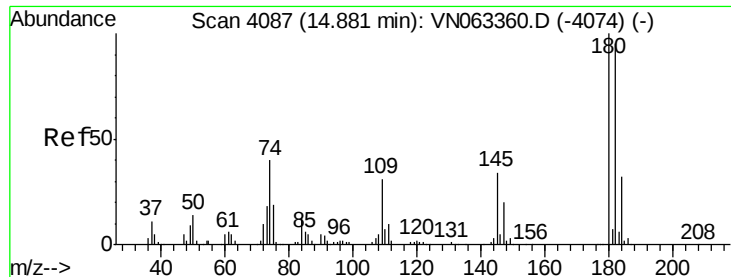
Tgt Ion: 146 Resp: 316302
 Ion Ratio Lower Upper
 146 100
 111 44.7 22.4 67.2
 148 64.7 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 41.420 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN063619.D
 Acq: 24 Sep 2020 11:13

Tgt Ion: 75 Resp: 48690
 Ion Ratio Lower Upper
 75 100
 155 68.7 34.6 103.9
 157 89.8 43.7 131.1

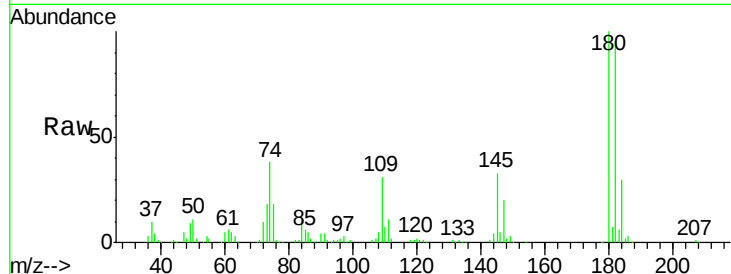




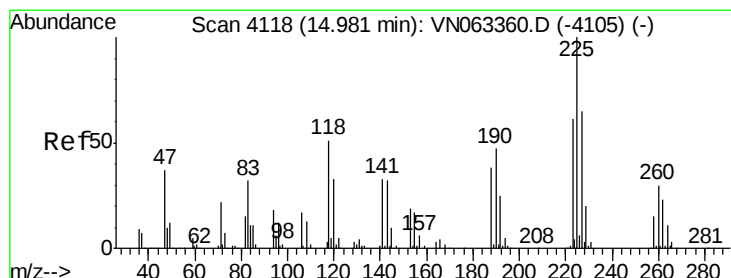
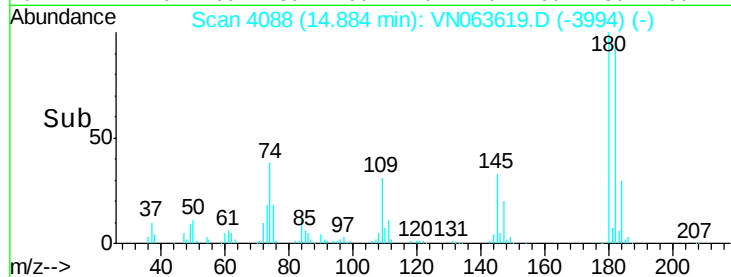
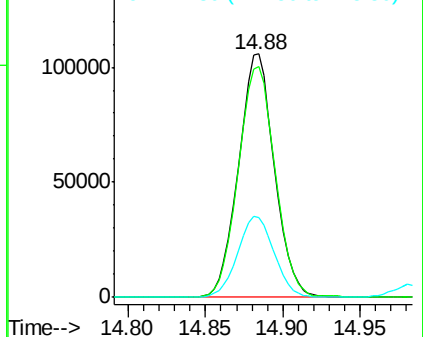
#93
 1,2,4-Trichlorobenzene
 Concen: 44.265 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN063619.D
 Acq: 24 Sep 2020 11:13

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

Tgt Ion:180 Resp: 170302
 Ion Ratio Lower Upper
 180 100
 182 98.0 47.3 142.0
 145 33.9 16.6 49.7

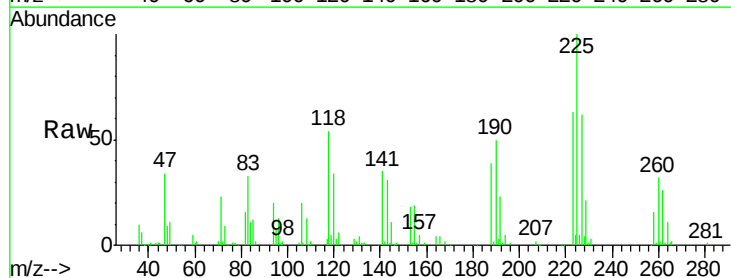


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

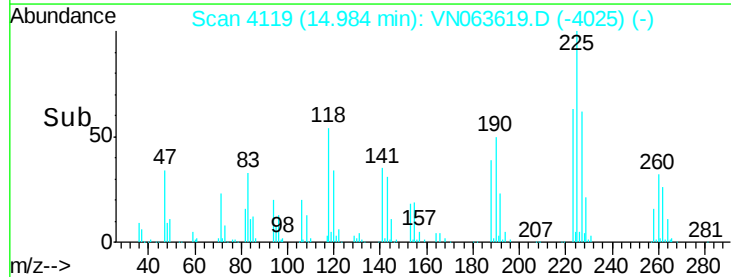
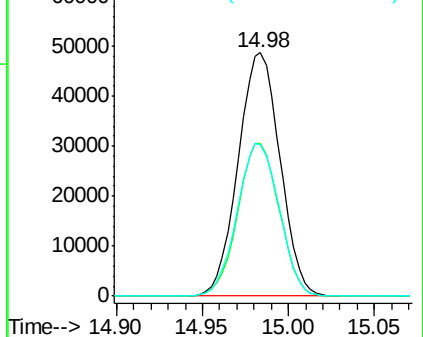


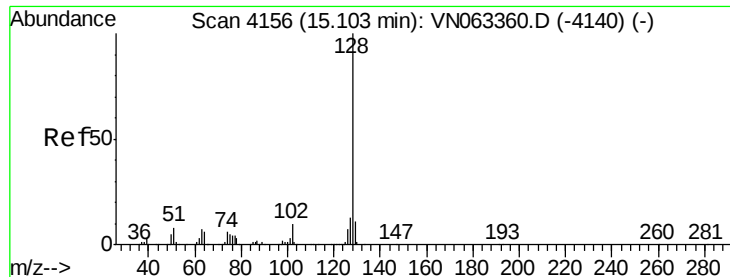
#94
 Hexachlorobutadiene
 Concen: 51.815 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN063619.D
 Acq: 24 Sep 2020 11:13

Tgt Ion:225 Resp: 82529
 Ion Ratio Lower Upper
 225 100
 223 62.0 30.6 91.6
 227 63.1 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

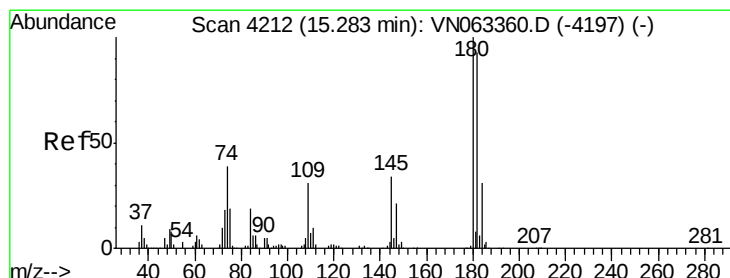
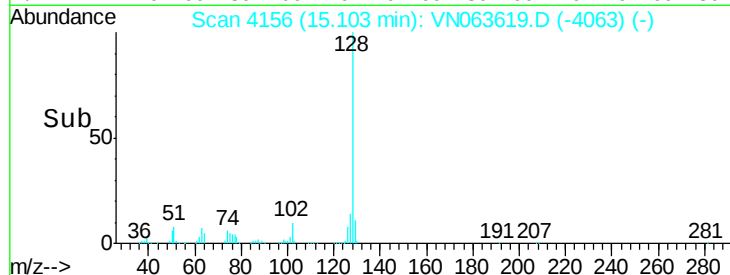
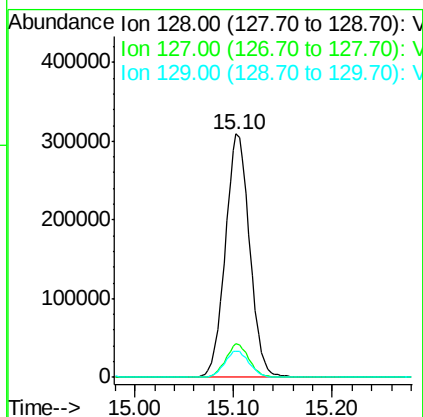
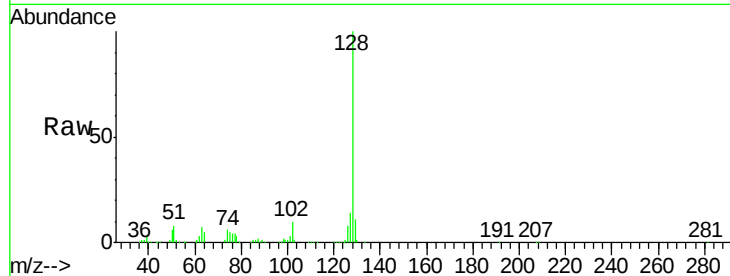




#95
Naphthalene
Concen: 42.096 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. -0.00 min
Lab File: VN063619.D
Acq: 24 Sep 2020 11:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 535078
Ion Ratio Lower Upper
128 100
127 13.2 10.6 15.8
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 44.180 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. -0.00 min
Lab File: VN063619.D
Acq: 24 Sep 2020 11:13

Tgt Ion:180 Resp: 164233
Ion Ratio Lower Upper
180 100
182 96.3 46.7 140.1
145 34.4 16.8 50.3

