

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060120\
 Data File : VN061584.D
 Acq On : 1 Jun 2020 9:51
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 02 03:50:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	392298	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.54	114	625374	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	599288	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	307973	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	193784	41.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.92%	
35) Dibromofluoromethane	7.54	113	139227	43.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.78%	
50) Toluene-d8	10.06	98	654691	44.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.06%	
62) 4-Bromofluorobenzene	12.37	95	239839	44.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	200171	44.327	ug/l	100
3) Chloromethane	2.03	50	199032	41.597	ug/l	100
4) Vinyl Chloride	2.16	62	279465	42.622	ug/l	99
5) Bromomethane	2.53	94	166770	44.325	ug/l	96
6) Chloroethane	2.67	64	176330	41.780	ug/l	99
7) Trichlorofluoromethane	2.98	101	349808	41.371	ug/l	100
8) Diethyl Ether	3.37	74	104723	40.504	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.71	101	168578	44.929	ug/l	99
10) Methyl Iodide	3.91	142	205566	39.467	ug/l	100
11) Tert butyl alcohol	4.72	59	142365	228.995	ug/l	99
12) 1,1-Dichloroethene	3.69	96	165075	41.180	ug/l	98
13) Acrolein	3.56	56	46271	257.893	ug/l	92
14) Allyl chloride	4.27	41	217150	41.436	ug/l	100
15) Acrylonitrile	4.92	53	365233	210.476	ug/l	99
16) Acetone	3.77	43	360962	280.987	ug/l	98
17) Carbon Disulfide	4.00	76	345342	39.157	ug/l	99
18) Methyl Acetate	4.27	43	170960	40.405	ug/l	97
19) Methyl tert-butyl Ether	4.98	73	561557	41.104	ug/l	100
20) Methylene Chloride	4.50	84	184590	43.214	ug/l	98
21) trans-1,2-Dichloroethene	4.98	96	190586	42.159	ug/l	95
22) Diisopropyl ether	5.90	45	484656	41.960	ug/l	98
23) Vinyl Acetate	5.83	43	1868975	203.016	ug/l	99
24) 1,1-Dichloroethane	5.79	63	304239	41.538	ug/l	99
25) 2-Butanone	6.78	43	489240	220.862	ug/l	99
26) 2,2-Dichloropropane	6.77	77	294322	43.904	ug/l	100
27) cis-1,2-Dichloroethene	6.77	96	219781	42.934	ug/l	99
28) Bromochloromethane	7.15	49	135056	49.092	ug/l	99
29) Tetrahydrofuran	7.16	42	292077	199.957	ug/l	98
30) Chloroform	7.32	83	342702	42.292	ug/l	100
31) Cyclohexane	7.61	56	271548	41.223	ug/l	96
32) 1,1,1-Trichloroethane	7.52	97	315679	42.754	ug/l	100
36) 1,1-Dichloropropene	7.75	75	250284	45.209	ug/l	99
37) Ethyl Acetate	6.87	43	191207	42.881	ug/l	98
38) Carbon Tetrachloride	7.73	117	263615	49.366	ug/l	99

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 VSTDCCC050

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 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	317338	46.505	ug/l	97
40) Benzene	8.00	78	763052	44.671	ug/l	100
41) Methacrylonitrile	7.16	41	270604	132.457	ug/l #	27
42) 1,2-Dichloroethane	8.08	62	250590	43.819	ug/l	99
43) Isopropyl Acetate	8.12	43	341032	42.511	ug/l	99
44) Trichloroethene	8.80	130	236065	44.968	ug/l	94
45) 1,2-Dichloropropane	9.08	63	181316	44.702	ug/l	99
46) Dibromomethane	9.17	93	139294	44.777	ug/l	99
47) Bromodichloromethane	9.36	83	282851	45.893	ug/l	99
48) Methyl methacrylate	9.16	41	147133	40.764	ug/l	98
49) 1,4-Dioxane	9.16	88	59504	1064.185	ug/l	100
51) 4-Methyl-2-Pentanone	9.95	43	970821	214.747	ug/l	99
52) Toluene	10.12	92	510738	45.810	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	302645	45.583	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	324910	45.513	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	197837	44.540	ug/l	98
56) Ethyl methacrylate	10.40	69	278564	44.895	ug/l	98
57) 1,3-Dichloropropane	10.68	76	319680	44.999	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	568394	214.360	ug/l	99
59) 2-Hexanone	10.72	43	744512	229.314	ug/l	100
60) Dibromochloromethane	10.87	129	237779	47.087	ug/l	99
61) 1,2-Dibromoethane	10.98	107	214486	46.299	ug/l	99
64) Tetrachloroethene	10.60	164	252861	44.824	ug/l	98
65) Chlorobenzene	11.40	112	559066	44.880	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	211283	45.551	ug/l	99
67) Ethyl Benzene	11.48	91	978265	45.436	ug/l	100
68) m/p-Xylenes	11.59	106	777742	91.103	ug/l	99
69) o-Xylene	11.92	106	370092	45.643	ug/l	98
70) Styrene	11.93	104	624205	46.486	ug/l	99
71) Bromoform	12.10	173	166378	46.550	ug/l #	100
73) Isopropylbenzene	12.22	105	981156	43.650	ug/l	100
74) N-amyl acetate	12.04	43	296023	41.818	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	256486	40.718	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	343806	61.392	ug/l #	100
77) Bromobenzene	12.50	156	251569	43.845	ug/l	99
78) n-propylbenzene	12.56	91	1116095	44.477	ug/l	100
79) 2-Chlorotoluene	12.65	91	642399	42.932	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	835718	44.483	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	95057	43.407	ug/l	99
82) 4-Chlorotoluene	12.74	91	671011	42.627	ug/l	99
83) tert-Butylbenzene	12.97	119	713714	42.996	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	835488	44.764	ug/l	98
85) sec-Butylbenzene	13.15	105	956100	44.699	ug/l	100
86) p-Isopropyltoluene	13.26	119	902247	45.803	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	455436	44.825	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	460654	44.505	ug/l	99
89) n-Butylbenzene	13.59	91	766125	46.434	ug/l	99
90) Hexachloroethane	13.85	117	119688	54.941	ug/l	97
91) 1,2-Dichlorobenzene	13.62	146	438321	45.142	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	49888	38.834	ug/l	97

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Quant Title : SW846 8260
QLast Update : Fri May 29 02:14:10 2020
Response via : Initial Calibration

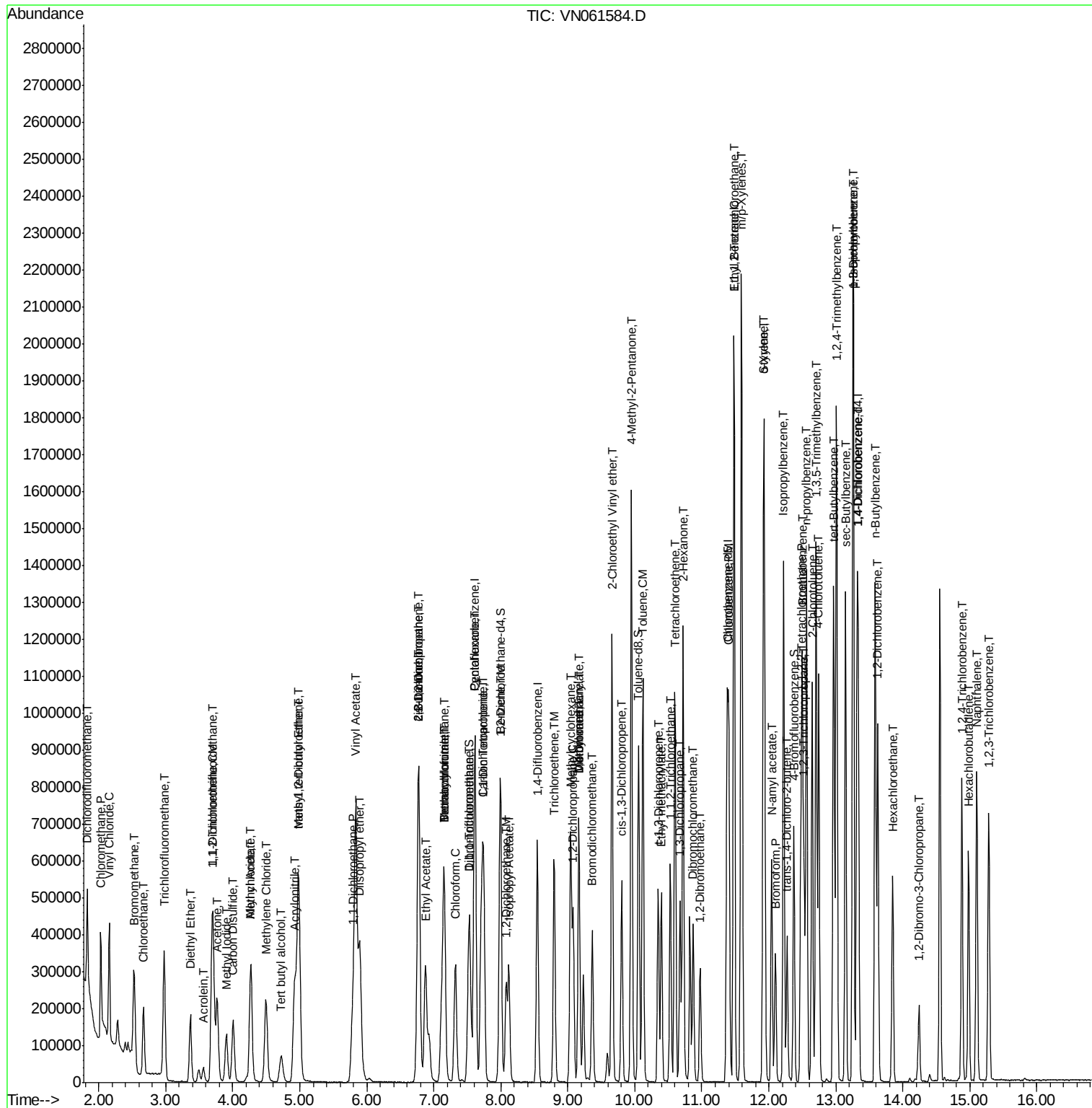
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	263672	46.432	ug/l	99
94) Hexachlorobutadiene	14.98	225	114659	47.343	ug/l	99
95) Naphthalene	15.10	128	756955	43.794	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	255974	45.847	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1818

Delta R.T. -0.01 min

Lab File: VN061584.D

Acq: 1 Jun 2020 9:51

Instrument :

MSVOA_N

ClientSampleId :

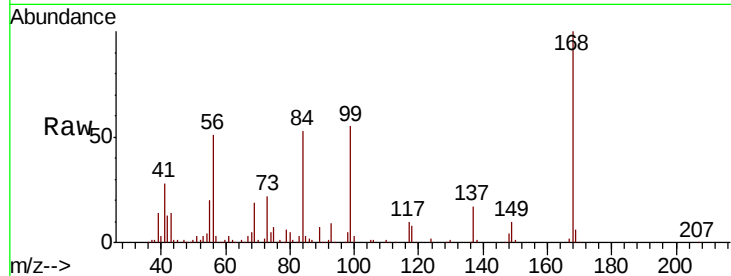
VSTDCCC050

Tot Ion:168 Resp: 392298

Ion Ratio Lower Upper

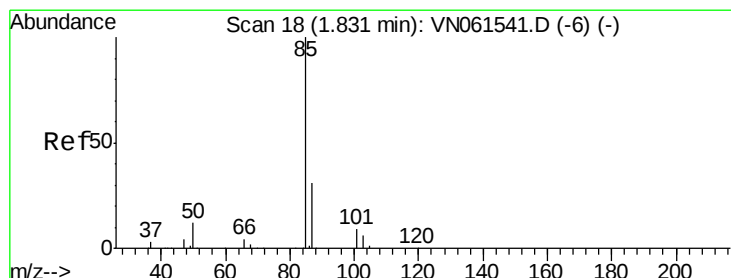
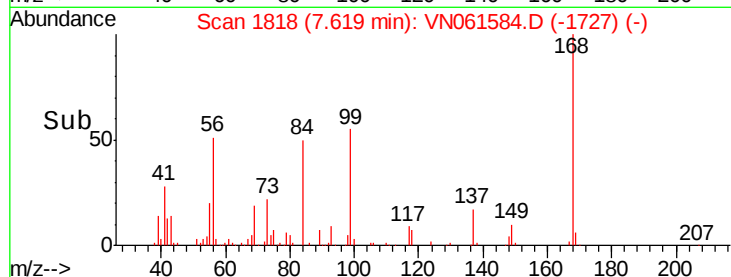
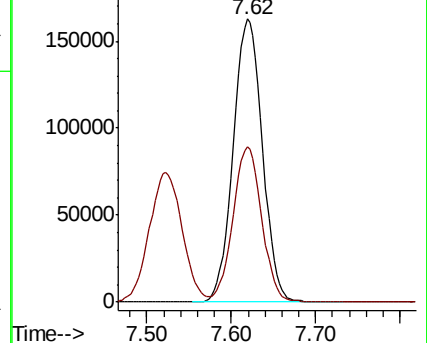
168 100

99 54.8 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 44.327 ug/l

RT: 1.83 min Scan# 17

Delta R.T. -0.00 min

Lab File: VN061584.D

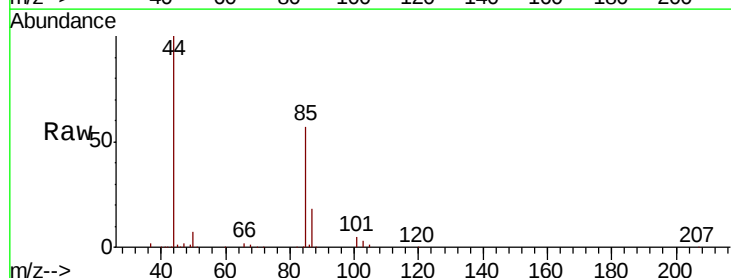
Acq: 1 Jun 2020 9:51

Tgt Ion: 85 Resp: 200171

Ion Ratio Lower Upper

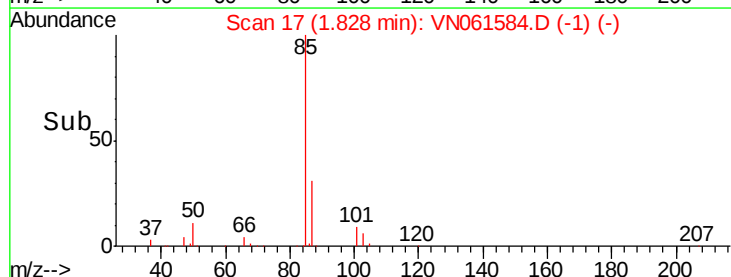
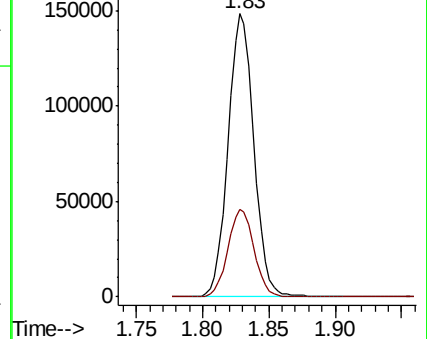
85 100

87 31.1 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 41.597 ug/l

RT: 2.03 min Scan# 80

Delta R.T. -0.00 min

Lab File: VN061584.D

Acq: 1 Jun 2020 9:51

Instrument :

MSVOA_N

ClientSampleId :

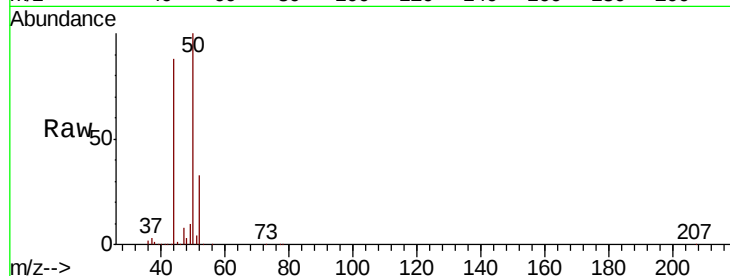
VSTDCCC050

Tot Ion: 50 Resp: 199032

Ion Ratio Lower Upper

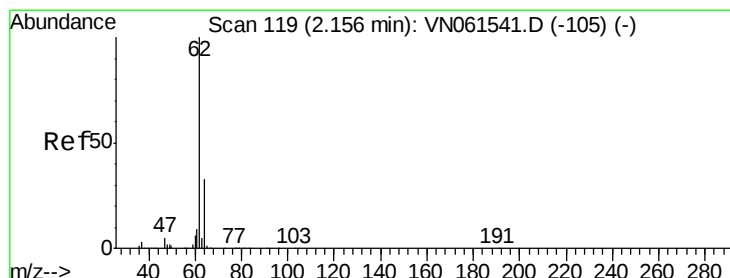
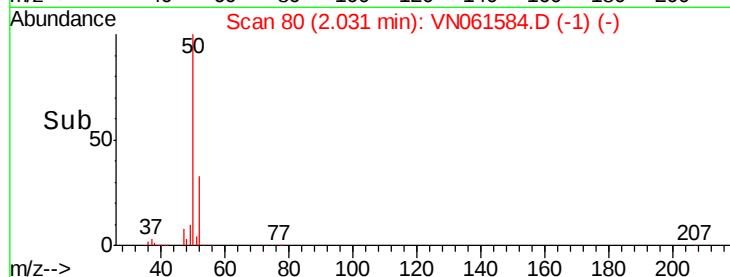
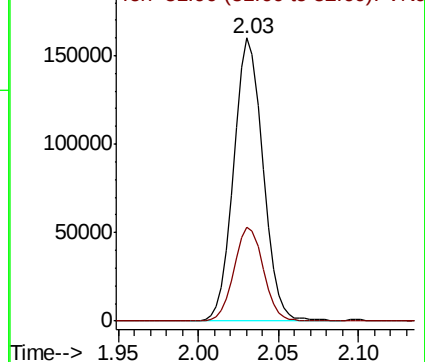
50 100

52 33.3 26.7 40.1



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 42.622 ug/l

RT: 2.16 min Scan# 119

Delta R.T. -0.00 min

Lab File: VN061584.D

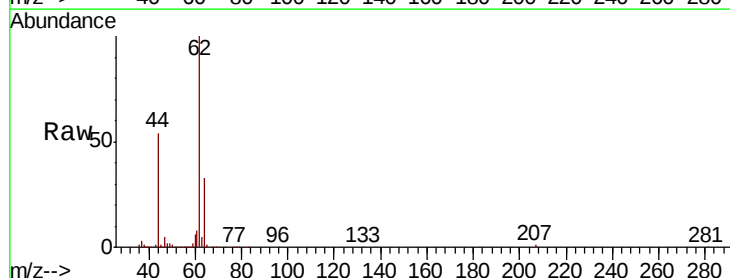
Acq: 1 Jun 2020 9:51

Tgt Ion: 62 Resp: 279465

Ion Ratio Lower Upper

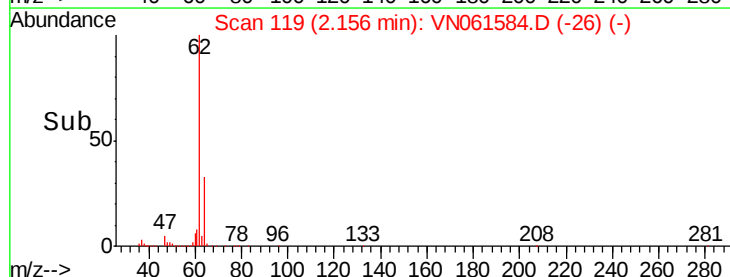
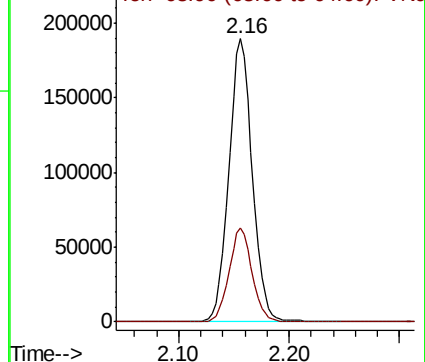
62 100

64 33.0 26.2 39.2



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 44.325 ug/l

RT: 2.53 min Scan# 235

Delta R.T. -0.00 min

Lab File: VN061584.D

Acq: 1 Jun 2020 9:51

Instrument :

MSVOA_N

ClientSampleId :

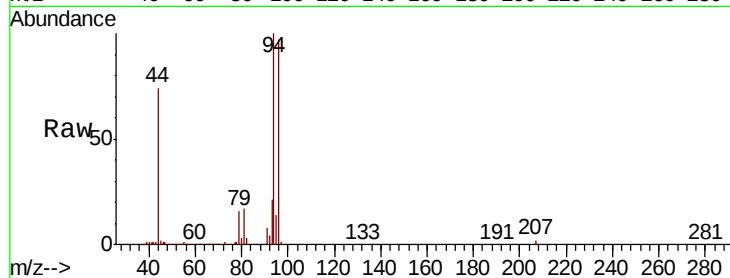
VSTDCCC050

Tot Ion: 94 Resp: 166770

Ion Ratio Lower Upper

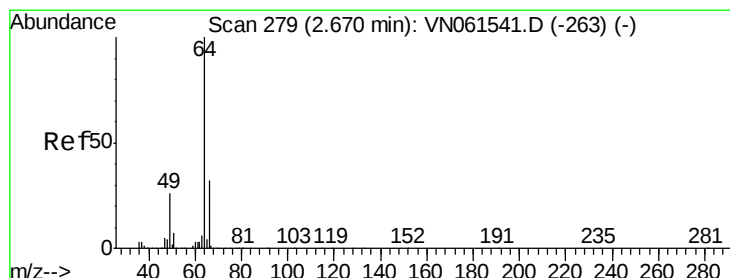
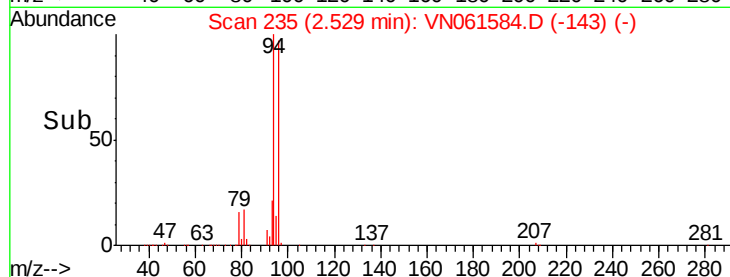
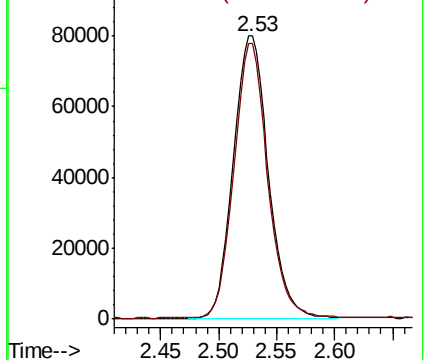
94 100

96 97.0 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 41.780 ug/l

RT: 2.67 min Scan# 278

Delta R.T. -0.00 min

Lab File: VN061584.D

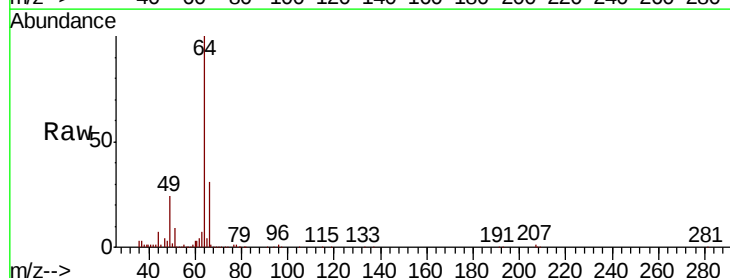
Acq: 1 Jun 2020 9:51

Tgt Ion: 64 Resp: 176330

Ion Ratio Lower Upper

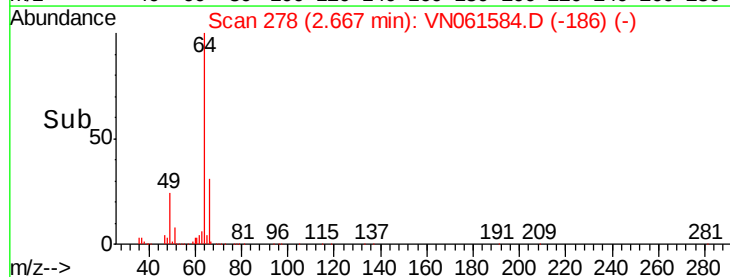
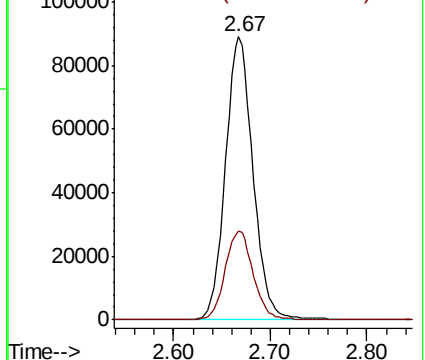
64 100

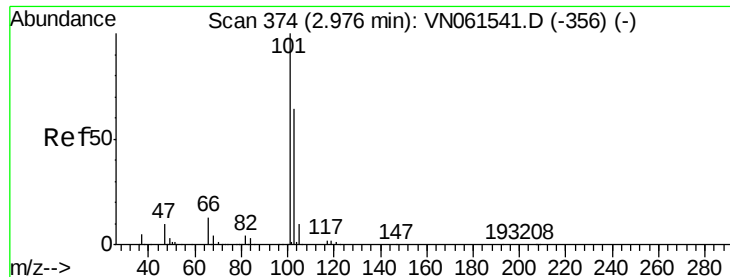
66 31.2 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



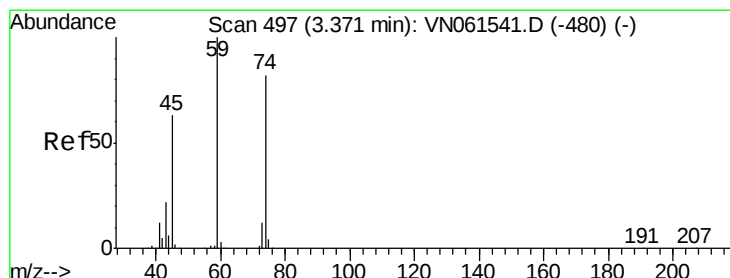
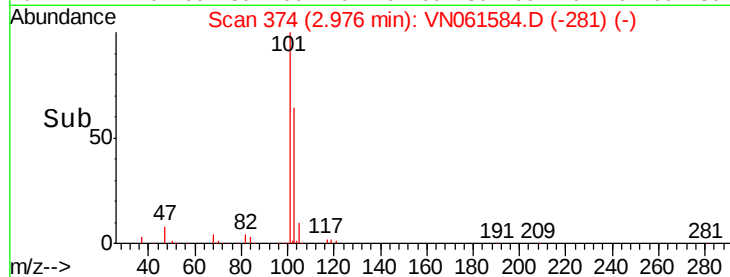
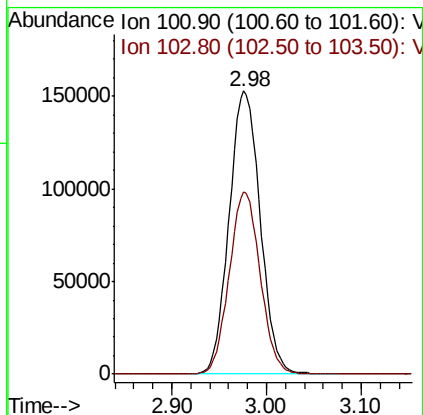
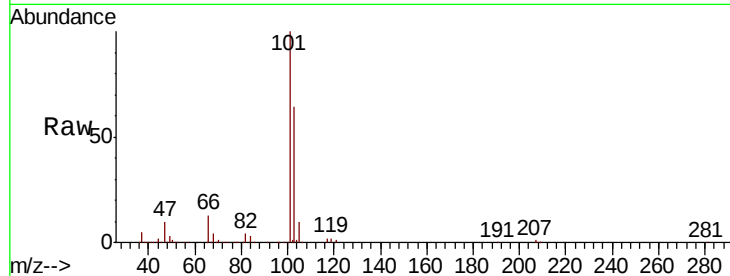


#7

Trichlorofluoromethane
 Concen: 41.371 ug/l
 RT: 2.98 min Scan# 374
 Delta R.T. -0.00 min
 Lab File: VN061584.D
 Acq: 1 Jun 2020 9:51

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 VSTDCCC050

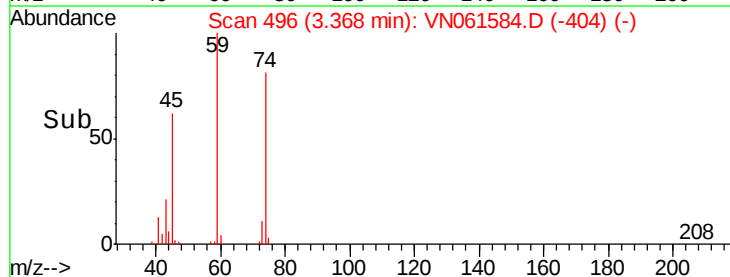
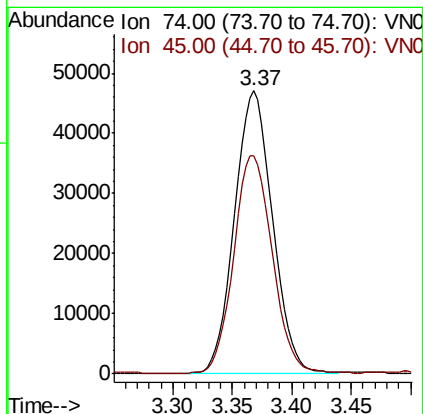
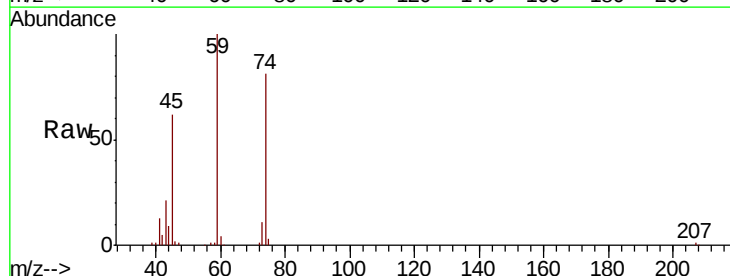
Tot Ion:101 Resp: 349808
 Ion Ratio Lower Upper
 101 100
 103 64.5 51.4 77.2



#8

Diethyl Ether
 Concen: 40.504 ug/l
 RT: 3.37 min Scan# 496
 Delta R.T. -0.00 min
 Lab File: VN061584.D
 Acq: 1 Jun 2020 9:51

Tgt Ion: 74 Resp: 104723
 Ion Ratio Lower Upper
 74 100
 45 78.6 39.9 119.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.929 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.00 min

Lab File: VN061584.D

Acq: 1 Jun 2020 9:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

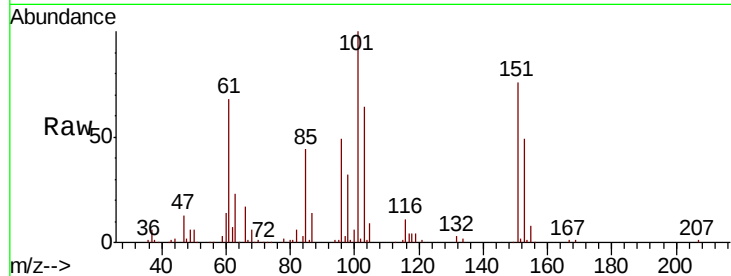
Tot Ion:101 Resp: 168578

Ion Ratio Lower Upper

101 100

85 43.5 35.2 52.8

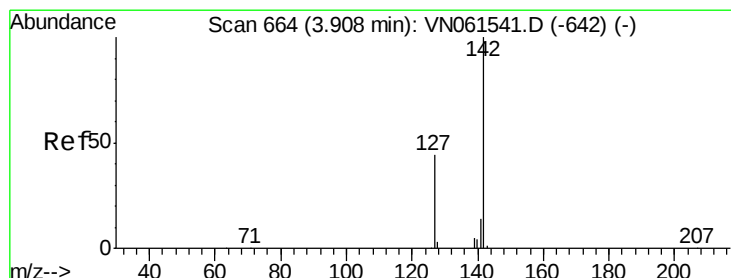
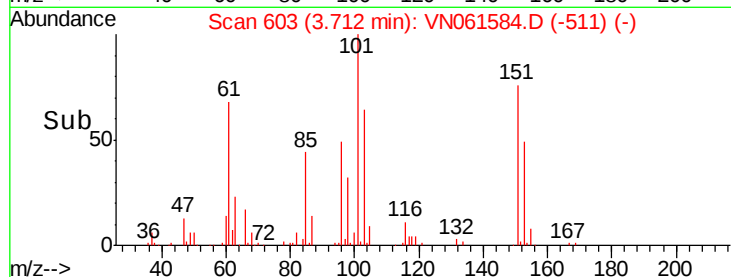
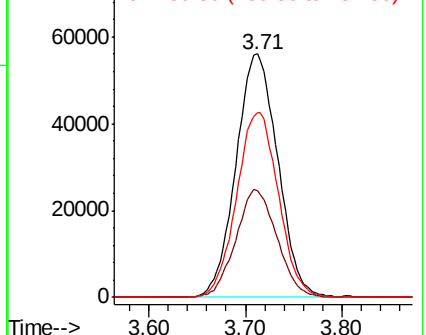
151 75.9 61.0 91.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 39.467 ug/l

RT: 3.91 min Scan# 663

Delta R.T. -0.00 min

Lab File: VN061584.D

Acq: 1 Jun 2020 9:51

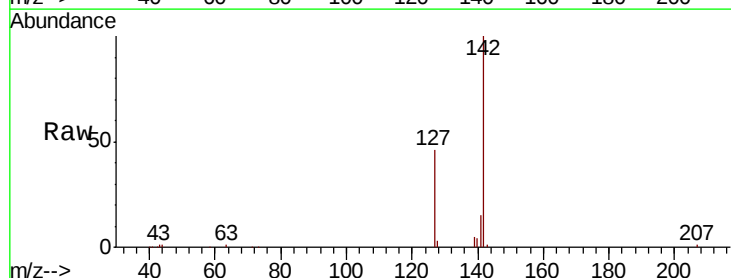
Tgt Ion:142 Resp: 205566

Ion Ratio Lower Upper

142 100

127 44.0 35.5 53.3

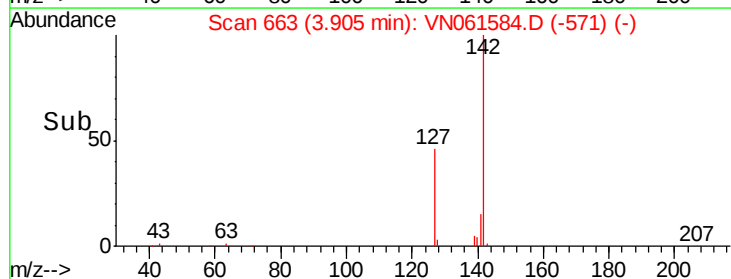
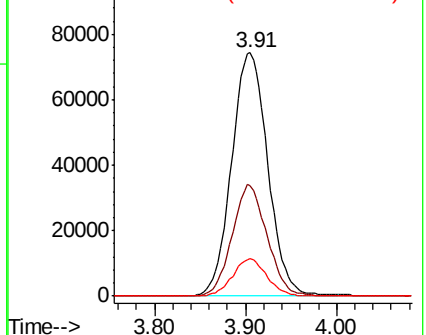
141 14.4 11.5 17.3

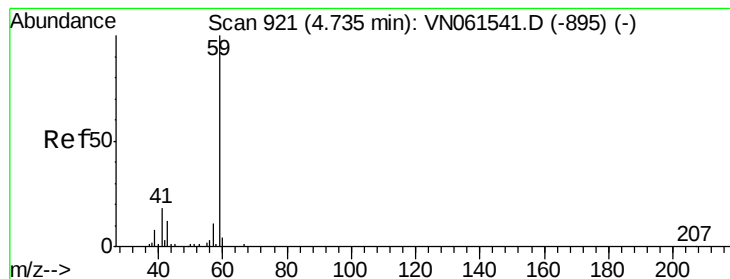


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



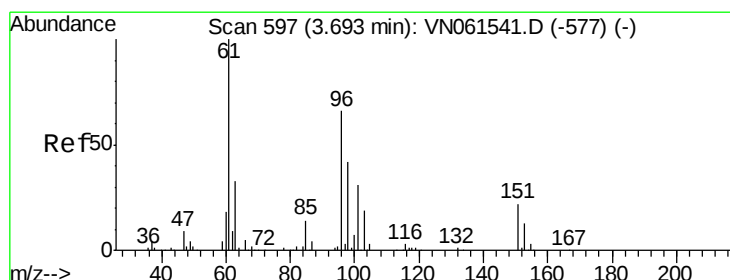
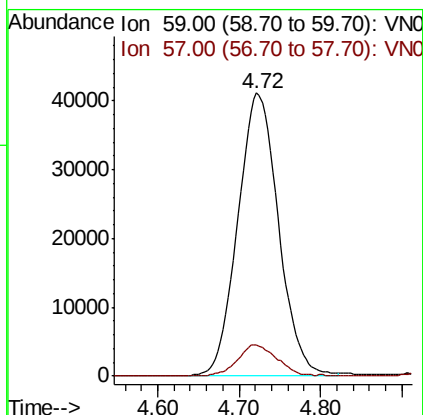
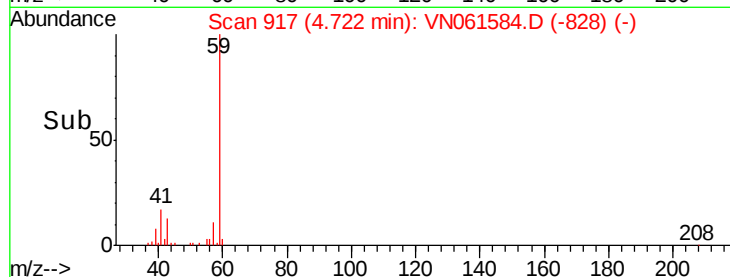
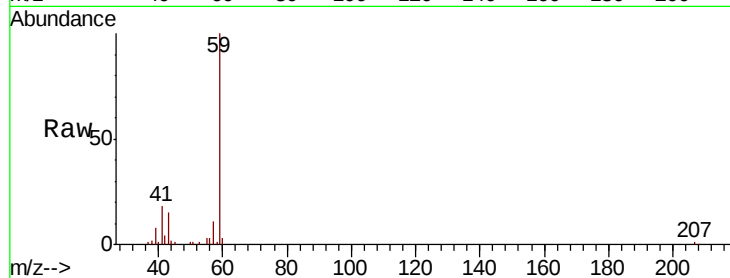


#11

Tert butyl alcohol
 Concen: 228.995 ug/l
 RT: 4.72 min Scan# 917
 Delta R.T. -0.01 min
 Lab File: VN061584.D
 Acq: 1 Jun 2020 9:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

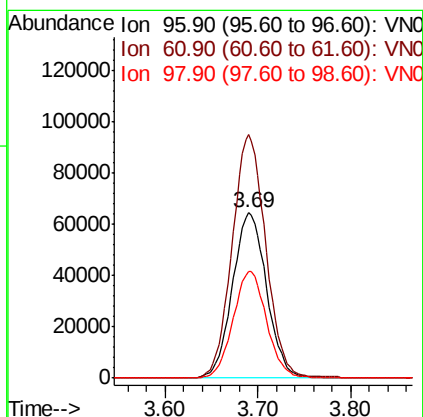
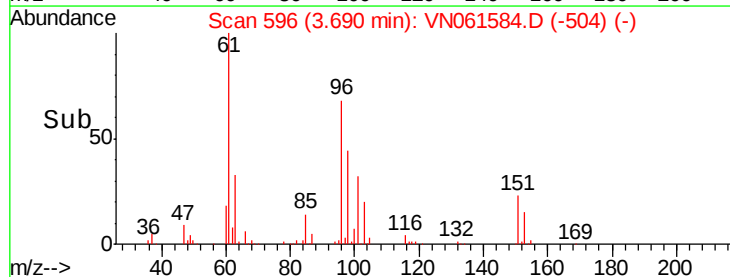
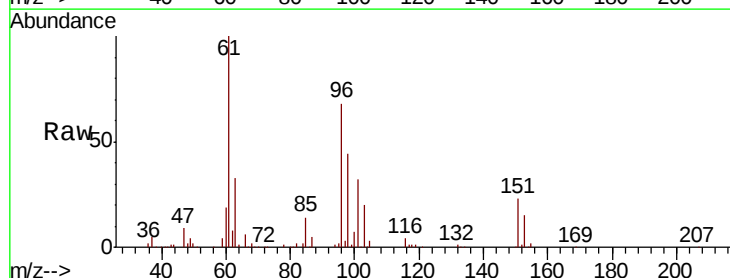
Tot Ion: 59 Resp: 142365
 Ion Ratio Lower Upper
 59 100
 57 10.8 8.4 12.6



#12

1,1-Dichloroethene
 Concen: 41.180 ug/l
 RT: 3.69 min Scan# 596
 Delta R.T. -0.00 min
 Lab File: VN061584.D
 Acq: 1 Jun 2020 9:51

Tgt Ion: 96 Resp: 165075
 Ion Ratio Lower Upper
 96 100
 61 147.6 120.5 180.7
 98 64.8 50.8 76.2





#13

Acrolein

Concen: 257.893 ug/l

RT: 3.56 min Scan# 556

Delta R.T. -0.00 min

Lab File: VN061584.D

Acq: 1 Jun 2020 9:51

Instrument :

MSVOA_N

ClientSampleId :

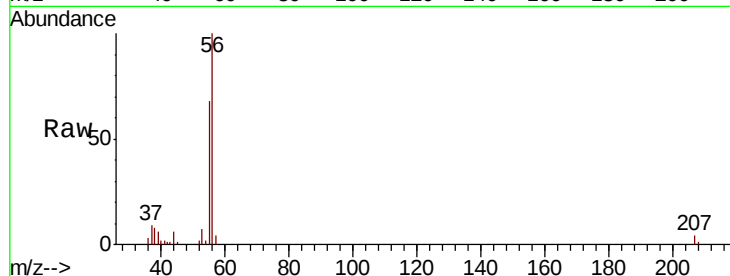
VSTDCCC050

Tot Ion: 56 Resp: 46271

Ion Ratio Lower Upper

56 100

55 65.6 58.0 87.0



Abundance Ion 56.00 (55.70 to 56.70): VN061584.D (-540) (-)

Ion 55.00 (54.70 to 55.70): VN061584.D (-540) (-)

3.56

20000

15000

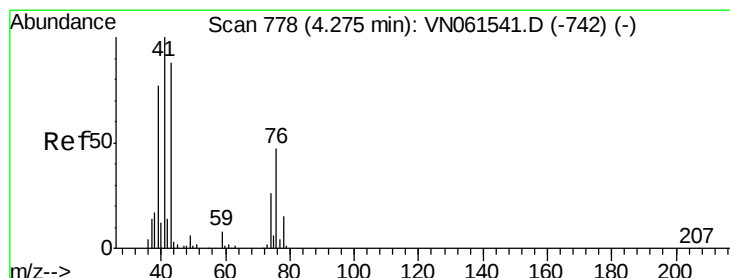
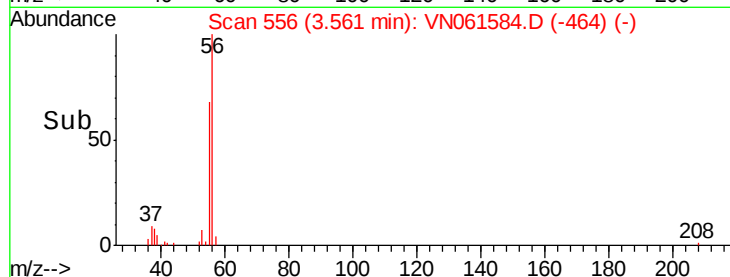
10000

5000

0

Time-->

3.50 3.60 3.70



#14

Allyl chloride

Concen: 41.436 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN061584.D

Acq: 1 Jun 2020 9:51

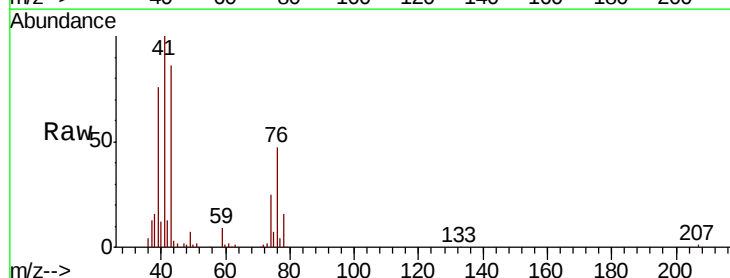
Tgt Ion: 41 Resp: 217150

Ion Ratio Lower Upper

41 100

39 73.0 58.6 88.0

76 43.1 34.2 51.4



Abundance Ion 41.00 (40.70 to 41.70): VN061584.D (-685) (-)

Ion 39.00 (38.70 to 39.70): VN061584.D (-685) (-)

Ion 75.90 (75.60 to 76.60): VN061584.D (-685) (-)

4.27

80000

60000

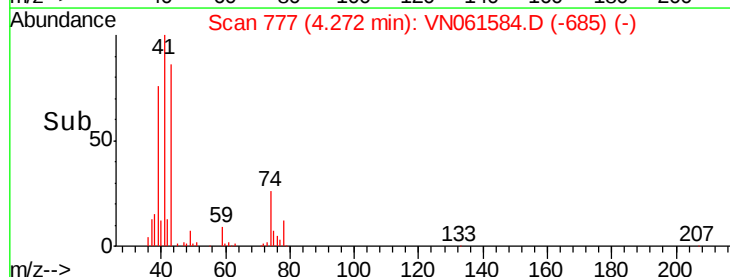
40000

20000

0

Time-->

4.10 4.20 4.30 4.40



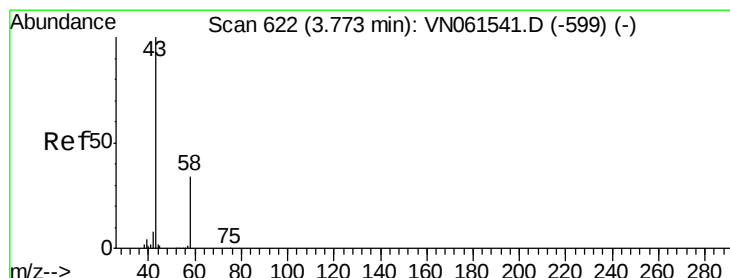
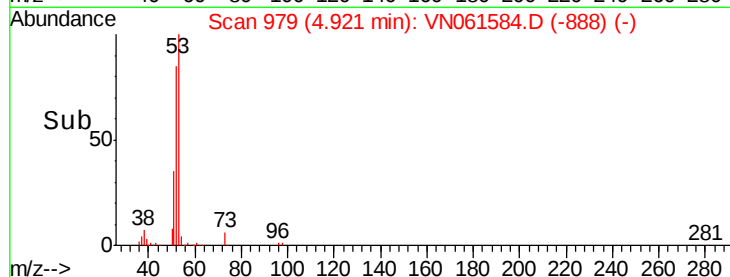
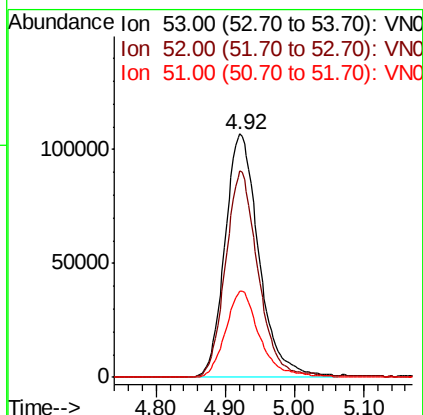
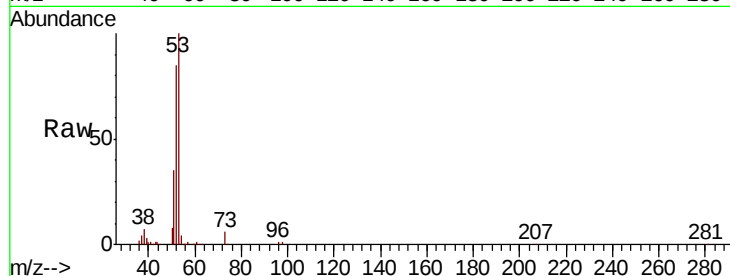


#15
 Acrylonitrile
 Concen: 210.476 ug/l
 RT: 4.92 min Scan# 979
 Delta R.T. -0.01 min
 Lab File: VN061584.D
 Acq: 1 Jun 2020 9:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 53 Resp: 365233

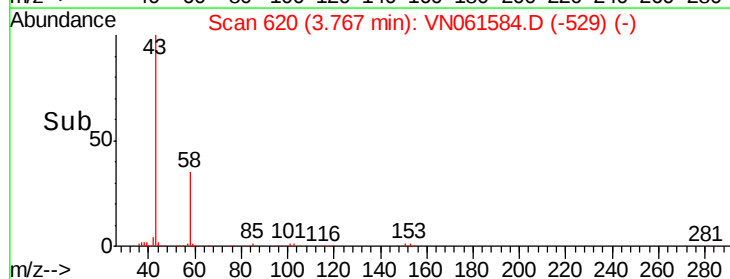
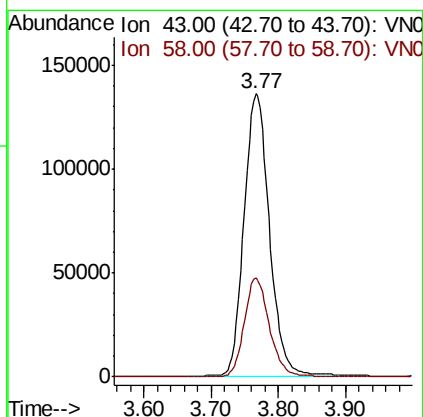
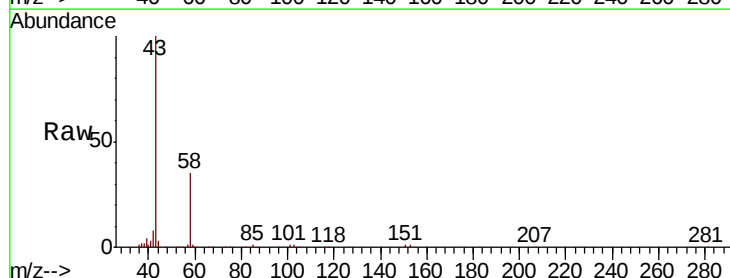
Ion	Ratio	Lower	Upper
53	100		
52	81.4	65.4	98.2
51	35.5	29.0	43.6

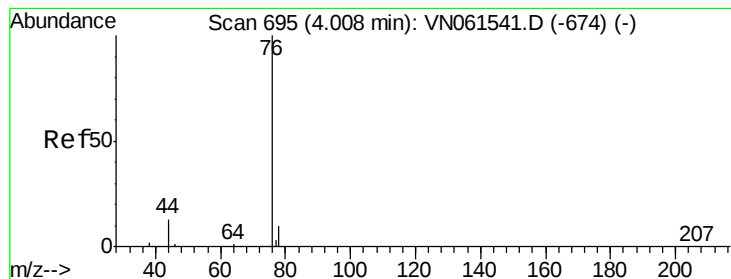


#16
 Acetone
 Concen: 280.987 ug/l
 RT: 3.77 min Scan# 620
 Delta R.T. -0.01 min
 Lab File: VN061584.D
 Acq: 1 Jun 2020 9:51

Tgt Ion: 43 Resp: 360962

Ion	Ratio	Lower	Upper
43	100		
58	35.1	27.2	40.8





#17

Carbon Disulfide

Concen: 39.157 ug/l

RT: 4.00 min Scan# 694

Delta R.T. -0.00 min

Lab File: VN061584.D

Acq: 1 Jun 2020 9:51

Instrument :

MSVOA_N

ClientSampleId :

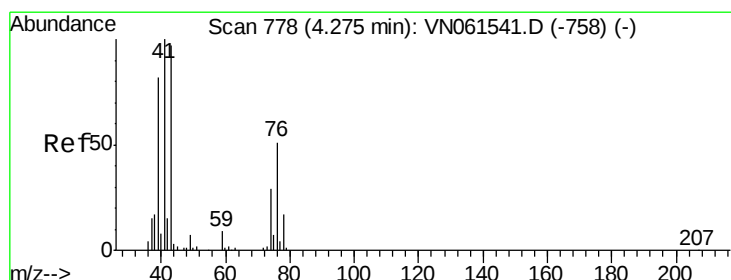
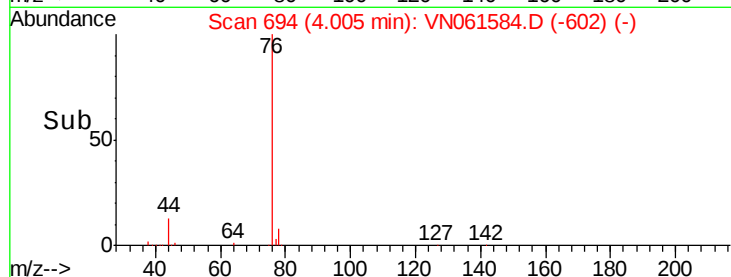
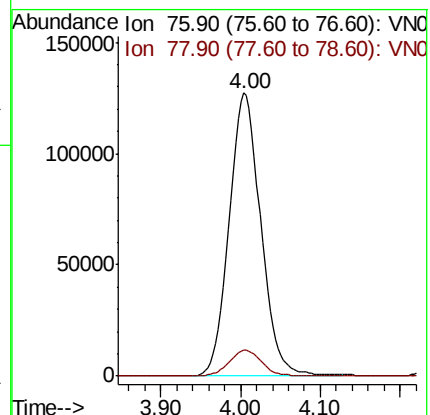
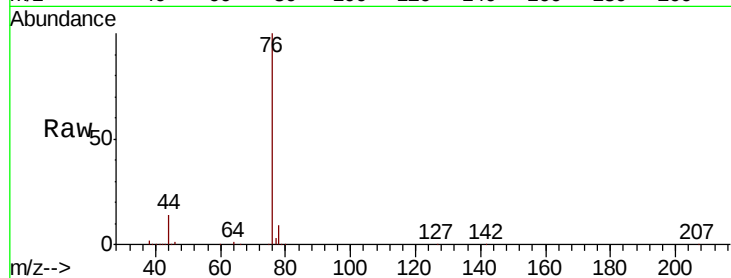
VSTDCCC050

Tot Ion: 76 Resp: 345342

Ion Ratio Lower Upper

76 100

78 9.2 7.8 11.6



#18

Methyl Acetate

Concen: 40.405 ug/l

RT: 4.27 min Scan# 776

Delta R.T. -0.01 min

Lab File: VN061584.D

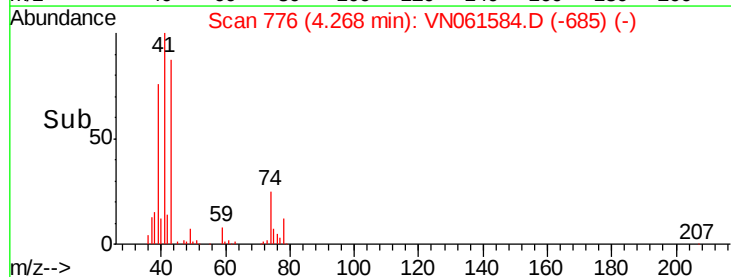
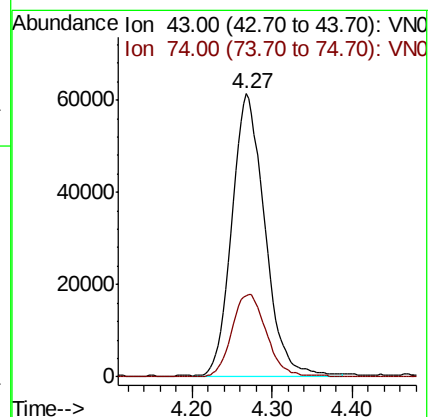
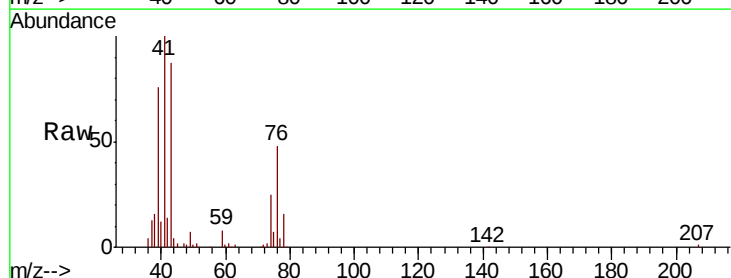
Acq: 1 Jun 2020 9:51

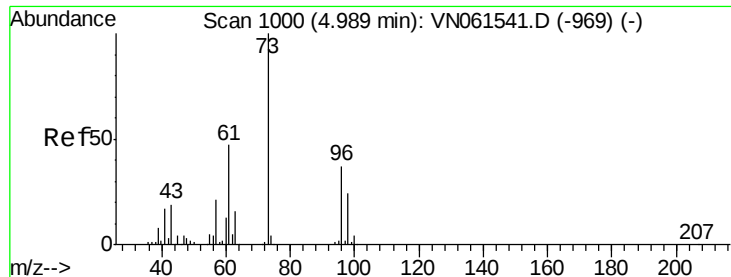
Tgt Ion: 43 Resp: 170960

Ion Ratio Lower Upper

43 100

74 30.7 23.2 34.8

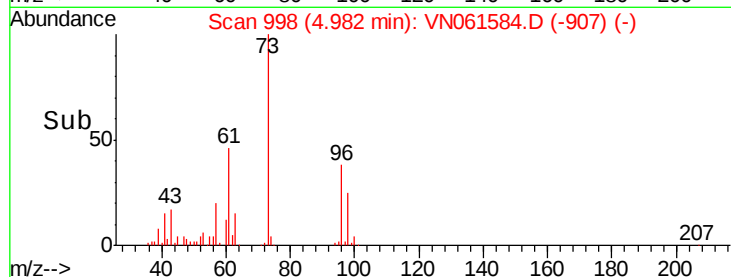
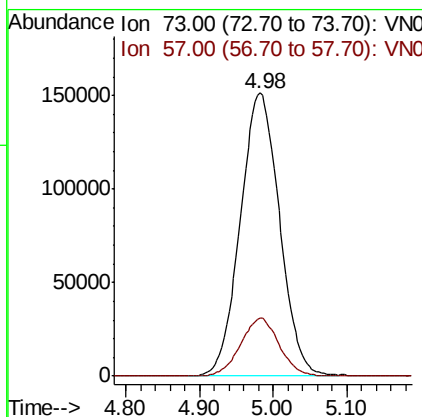
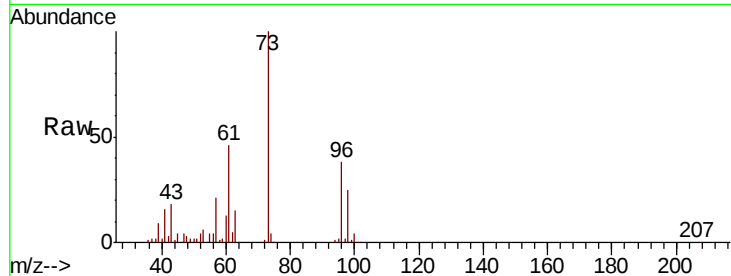




#19
Methvl tert-butvl Ether
Concen: 41.104 ug/l
RT: 4.98 min Scan# 998
Delta R.T. -0.01 min
Lab File: VN061584.D
Acq: 1 Jun 2020 9:51

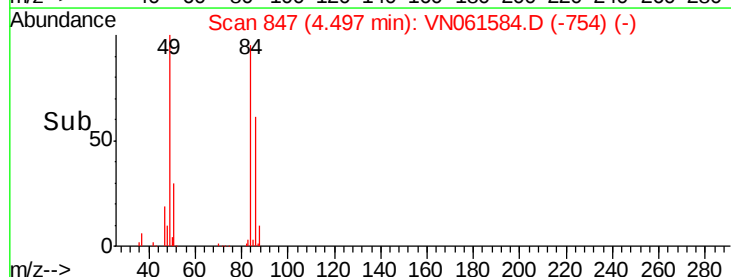
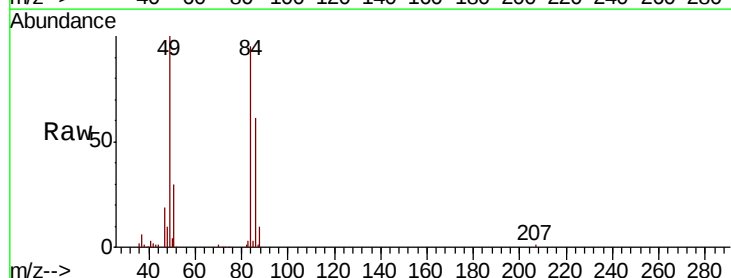
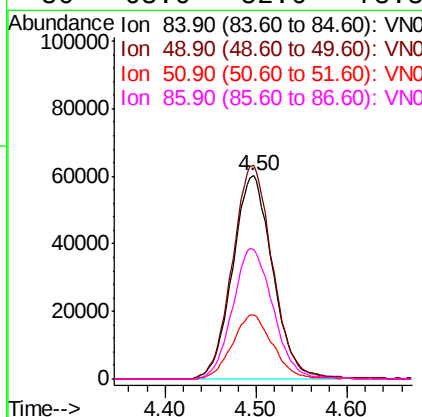
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

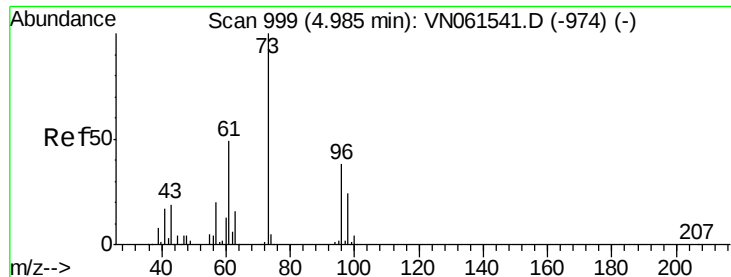
Tot Ion: 73 Resp: 561557
Ion Ratio Lower Upper
73 100
57 20.6 16.4 24.6



#20
Methylene Chloride
Concen: 43.214 ug/l
RT: 4.50 min Scan# 847
Delta R.T. -0.00 min
Lab File: VN061584.D
Acq: 1 Jun 2020 9:51

Tgt Ion: 84 Resp: 184590
Ion Ratio Lower Upper
84 100
49 105.0 85.8 128.8
51 31.4 26.2 39.2
86 63.6 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 42.159 ug/l

RT: 4.98 min Scan# 997

Delta R.T. -0.01 min

Lab File: VN061584.D

Acq: 1 Jun 2020 9:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

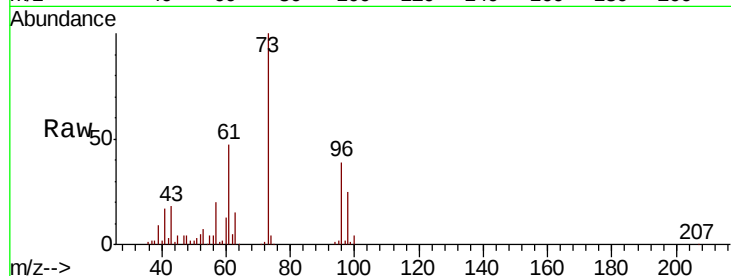
Tot Ion: 96 Resp: 190586

Ion Ratio Lower Upper

96 100

61 120.2 101.4 152.0

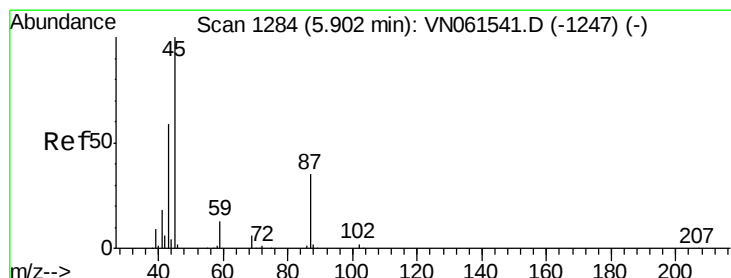
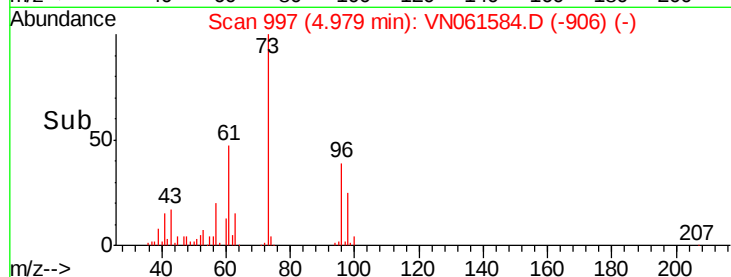
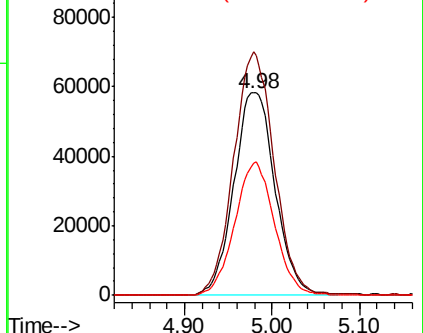
98 65.6 50.6 76.0



Abundance Ion 95.90 (95.60 to 96.60): VN061584.D (-906) (-)

Ion 60.90 (60.60 to 61.60): VN061584.D (-906) (-)

Ion 97.90 (97.60 to 98.60): VN061584.D (-906) (-)



#22

Diisopropyl ether

Concen: 41.960 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. -0.01 min

Lab File: VN061584.D

Acq: 1 Jun 2020 9:51

Tgt Ion: 45 Resp: 484656

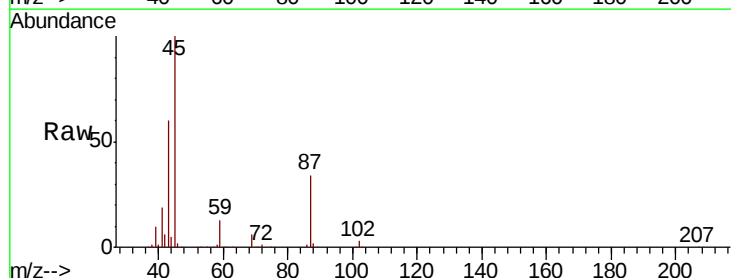
Ion Ratio Lower Upper

45 100

43 58.0 47.9 71.9

87 33.8 28.4 42.6

59 12.7 10.5 15.7

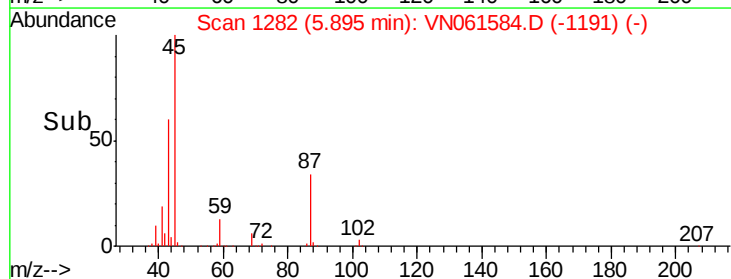
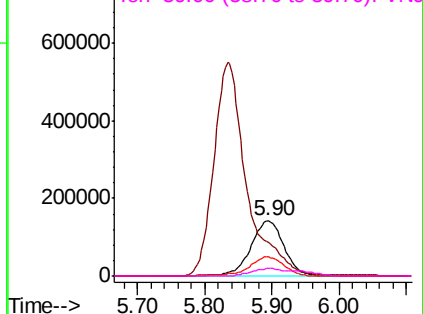


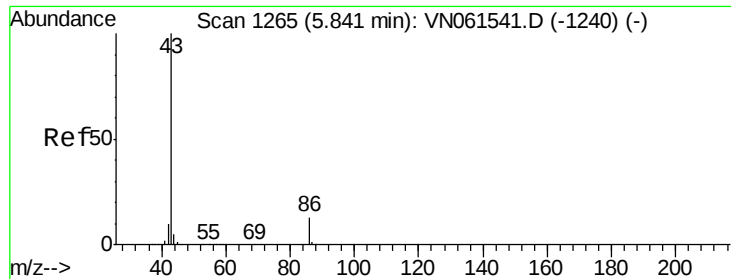
Abundance Ion 45.00 (44.70 to 45.70): VN061584.D (-1191) (-)

Ion 43.00 (42.70 to 43.70): VN061584.D (-1191) (-)

Ion 87.00 (86.70 to 87.70): VN061584.D (-1191) (-)

Ion 59.00 (58.70 to 59.70): VN061584.D (-1191) (-)





#23

Vinyl Acetate

Concen: 203.016 ug/l

RT: 5.83 min Scan# 1263

Delta R.T. -0.01 min

Lab File: VN061584.D

Acq: 1 Jun 2020 9:51

Instrument :

MSVOA_N

ClientSampleId :

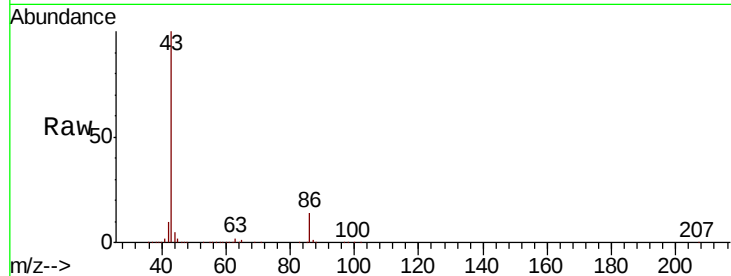
VSTDCCC050

Tot Ion: 43 Resp: 1868975

Ion Ratio Lower Upper

43 100

86 13.7 10.6 16.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.83

600000

500000

400000

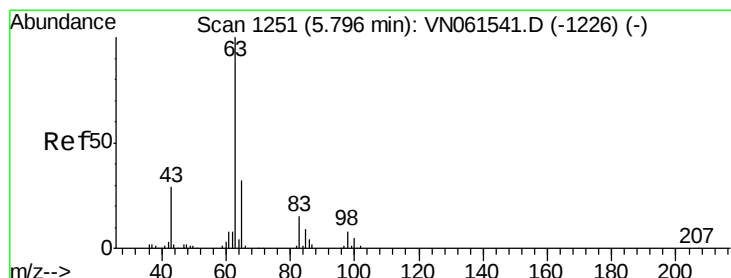
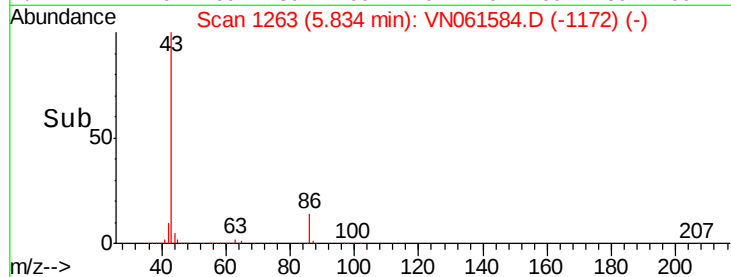
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 41.538 ug/l

RT: 5.79 min Scan# 1249

Delta R.T. -0.01 min

Lab File: VN061584.D

Acq: 1 Jun 2020 9:51

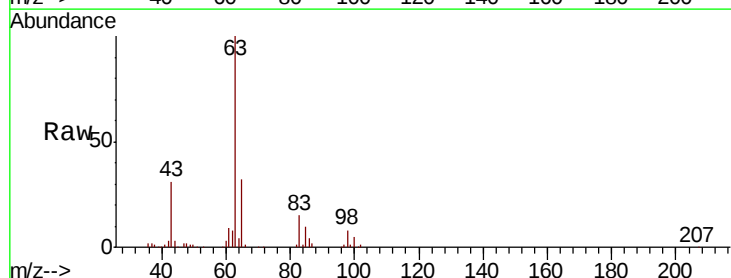
Tgt Ion: 63 Resp: 304239

Ion Ratio Lower Upper

63 100

98 7.8 3.8 11.4

100 5.3 2.5 7.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

120000

100000

80000

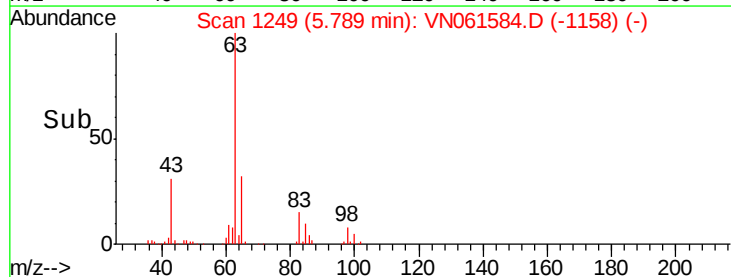
60000

40000

20000

0

Time-->

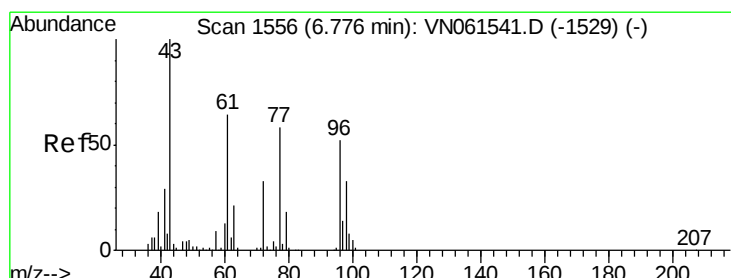
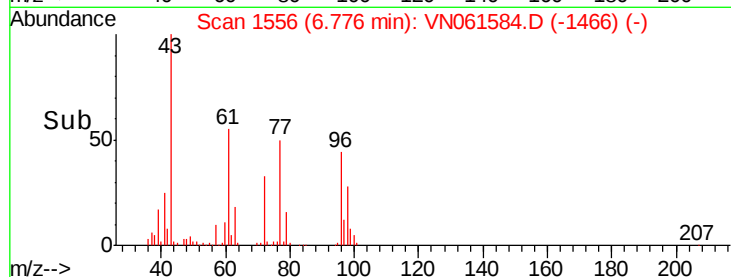
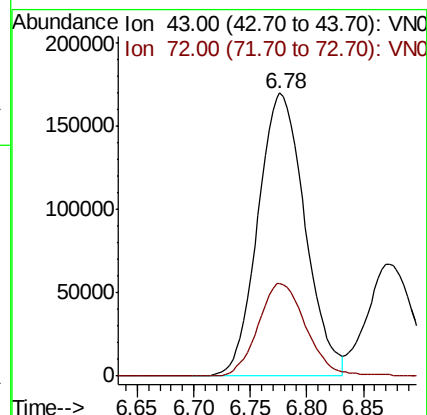
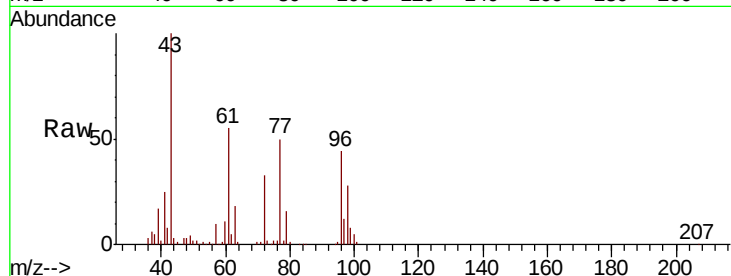




#25
2-Butanone
Concen: 220.862 ug/l
RT: 6.78 min Scan# 1556
Delta R.T. -0.01 min
Lab File: VN061584.D
Acq: 1 Jun 2020 9:51

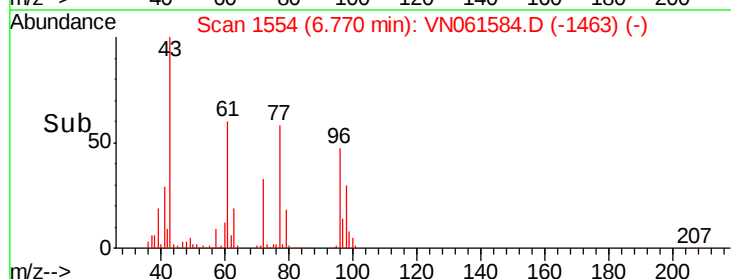
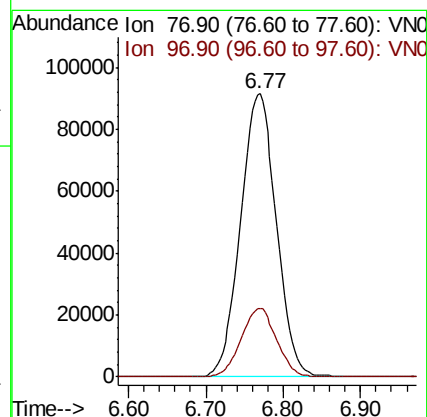
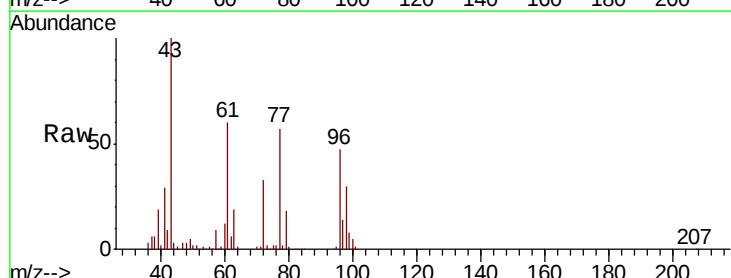
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

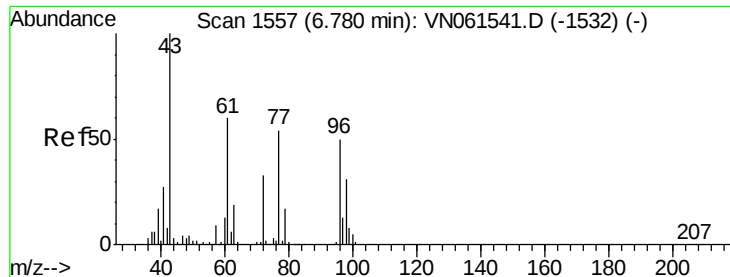
Tot Ion: 43 Resp: 489240
Ion Ratio Lower Upper
43 100
72 32.9 26.0 39.0



#26
2,2-Dichloropropane
Concen: 43.904 ug/l
RT: 6.77 min Scan# 1554
Delta R.T. -0.01 min
Lab File: VN061584.D
Acq: 1 Jun 2020 9:51

Tgt Ion: 77 Resp: 294322
Ion Ratio Lower Upper
77 100
97 24.0 12.0 36.0

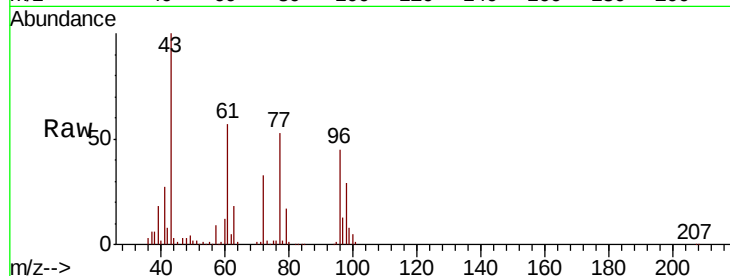




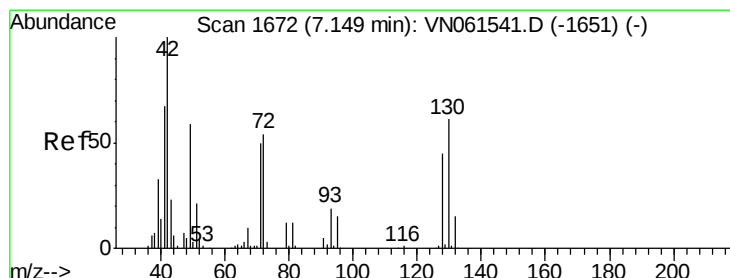
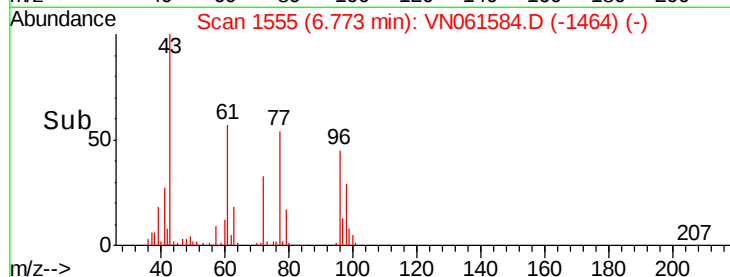
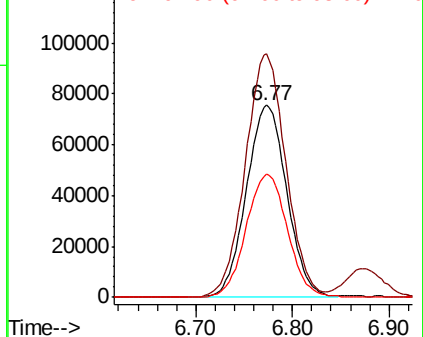
#27
 cis-1,2-Dichloroethene
 Concen: 42.934 ug/l
 RT: 6.77 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: VN061584.D
 Acq: 1 Jun 2020 9:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 96 Resp: 219781
 Ion Ratio Lower Upper
 96 100
 61 127.5 0.0 252.2
 98 65.6 0.0 129.2

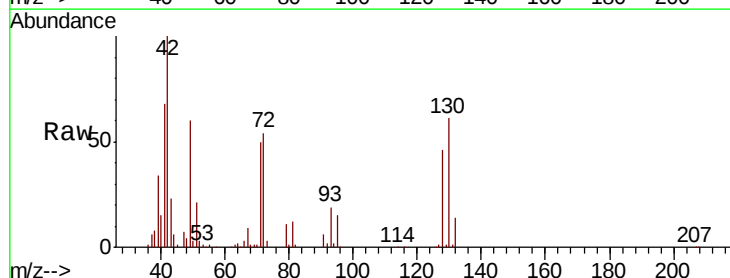


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

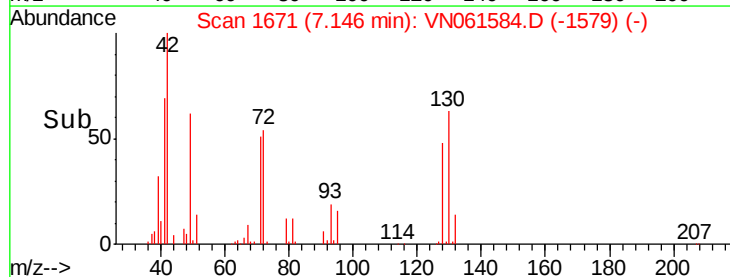
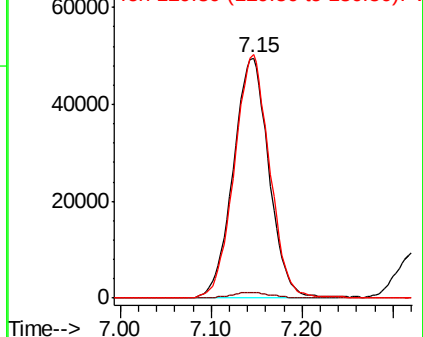


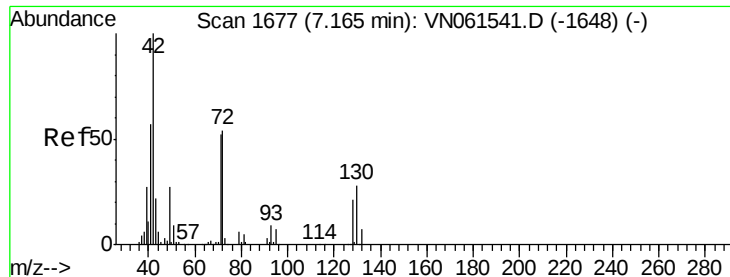
#28
 Bromochloromethane
 Concen: 49.092 ug/l
 RT: 7.15 min Scan# 1671
 Delta R.T. -0.00 min
 Lab File: VN061584.D
 Acq: 1 Jun 2020 9:51

Tgt Ion: 49 Resp: 135056
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 4.8
 130 99.8 78.8 118.2



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





#29

Tetrahydrofuran

Concen: 199.957 ug/l

RT: 7.16 min Scan# 1674

Delta R.T. -0.01 min

Lab File: VN061584.D

Acq: 1 Jun 2020 9:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

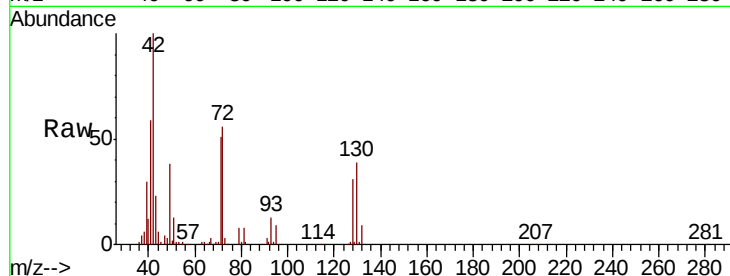
Tot Ion: 42 Resp: 292077

Ion Ratio Lower Upper

42 100

72 56.2 43.6 65.4

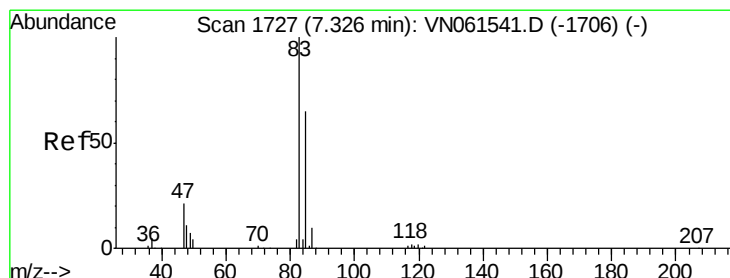
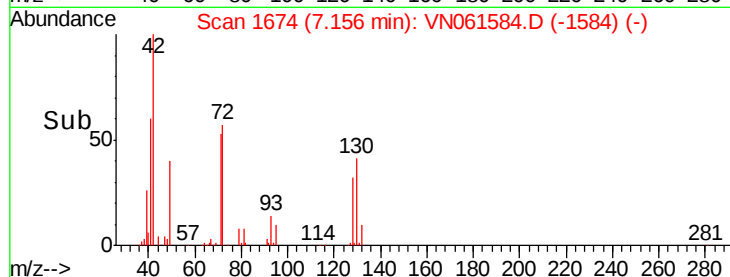
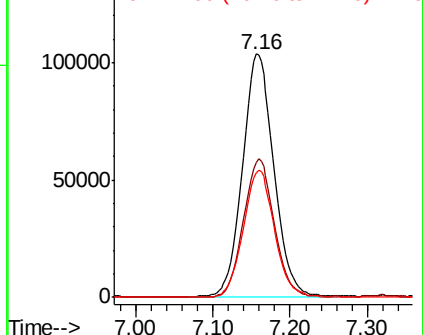
71 52.1 41.2 61.8



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 42.292 ug/l

RT: 7.32 min Scan# 1726

Delta R.T. -0.00 min

Lab File: VN061584.D

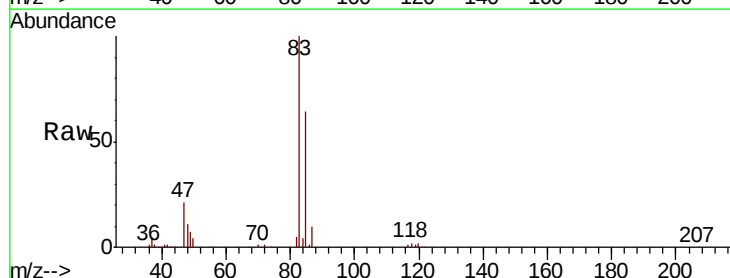
Acq: 1 Jun 2020 9:51

Tgt Ion: 83 Resp: 342702

Ion Ratio Lower Upper

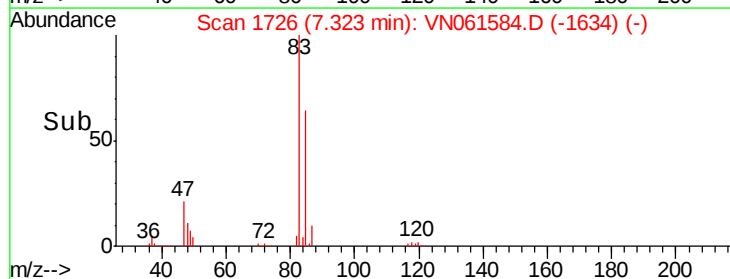
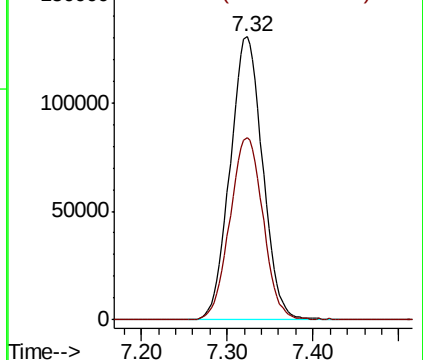
83 100

85 64.3 51.7 77.5



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 41.223 ug/l

RT: 7.61 min Scan# 1815

Delta R.T. -0.00 min

Lab File: VN061584.D

Acq: 1 Jun 2020 9:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

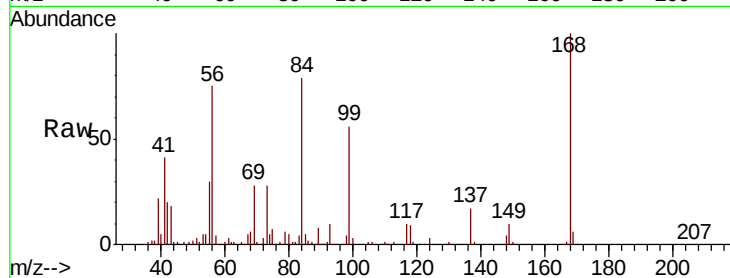
Tot Ion: 56 Resp: 271548

Ion Ratio Lower Upper

56 100

69 37.7 27.8 41.8

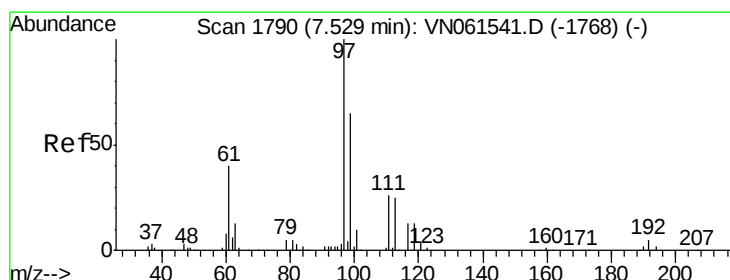
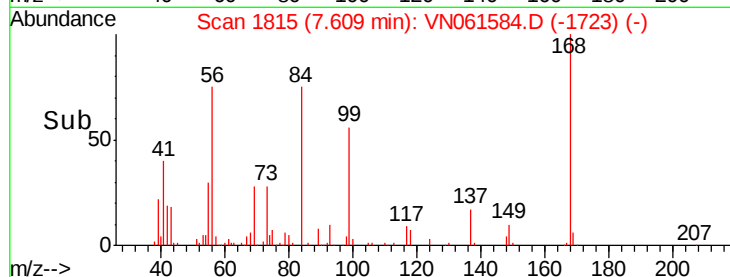
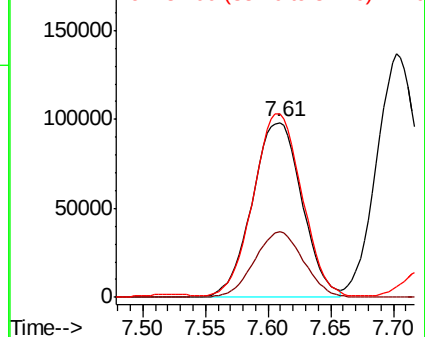
84 103.5 79.9 119.9



Abundance Ion 56.00 (55.70 to 56.70): VN061584.D (-1794) (-)

Ion 69.00 (68.70 to 69.70): VN061584.D (-1794) (-)

Ion 84.00 (83.70 to 84.70): VN061584.D (-1794) (-)



#32

1,1,1-Trichloroethane

Concen: 42.754 ug/l

RT: 7.52 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VN061584.D

Acq: 1 Jun 2020 9:51

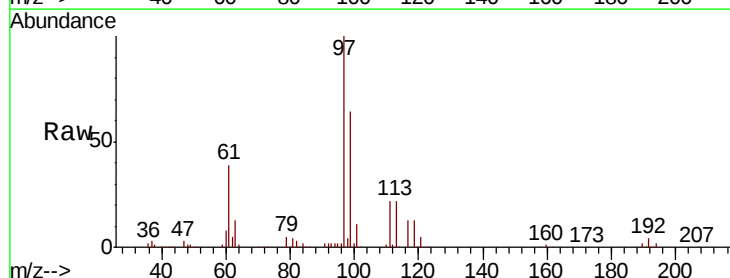
Tgt Ion: 97 Resp: 315679

Ion Ratio Lower Upper

97 100

99 64.3 51.4 77.0

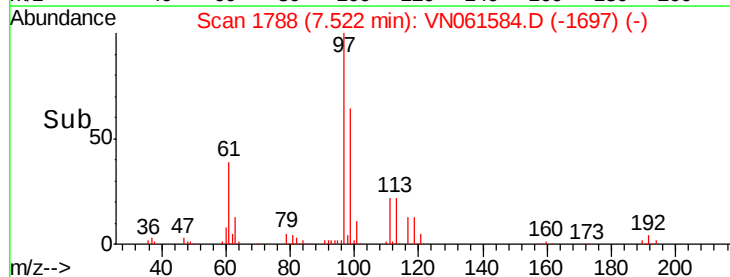
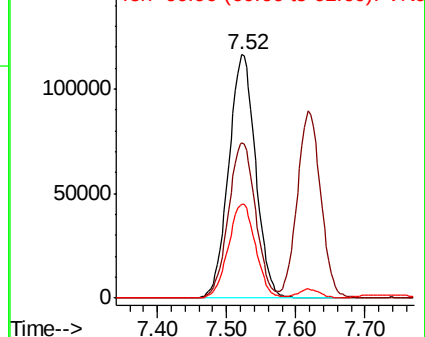
61 39.1 31.4 47.0



Abundance Ion 96.90 (96.60 to 97.60): VN061584.D (-1697) (-)

Ion 98.90 (98.60 to 99.60): VN061584.D (-1697) (-)

Ion 60.90 (60.60 to 61.60): VN061584.D (-1697) (-)

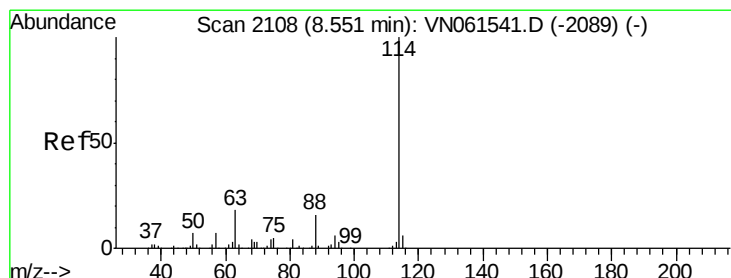
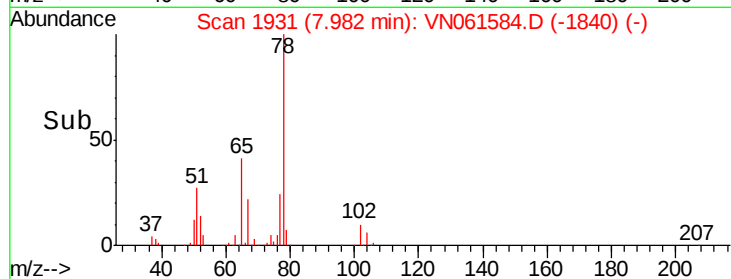
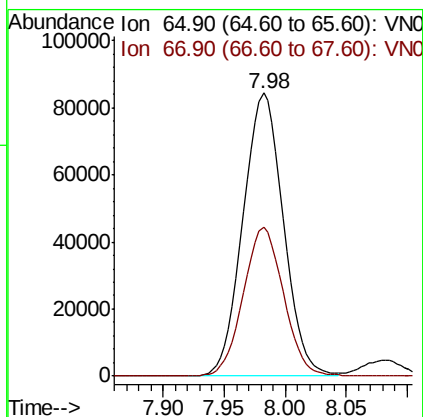
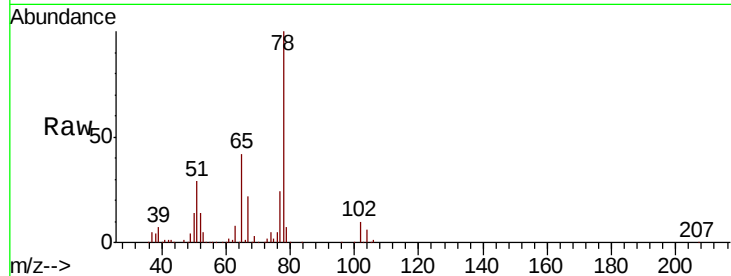




#33
 1,2-Dichloroethane-d4
 Concen: 41.460 ug/l
 RT: 7.98 min Scan# 1931
 Delta R.T. -0.01 min
 Lab File: VN061584.D
 Acq: 1 Jun 2020 9:51

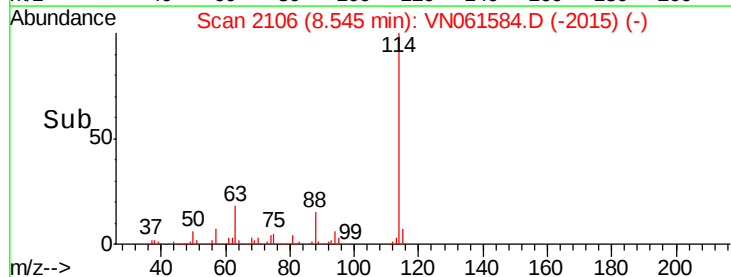
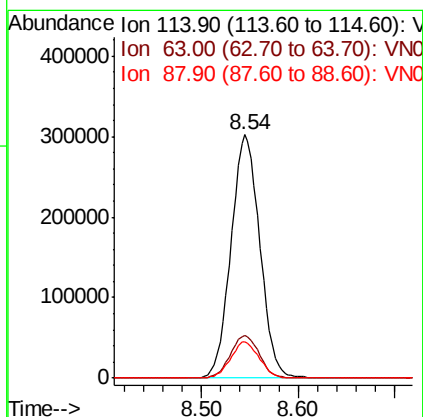
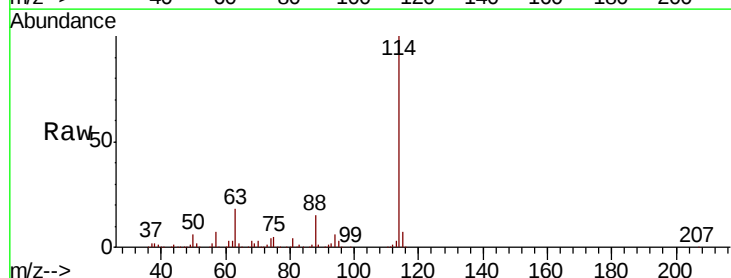
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 65 Resp: 193784
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.54 min Scan# 2106
 Delta R.T. -0.01 min
 Lab File: VN061584.D
 Acq: 1 Jun 2020 9:51

Tgt Ion: 114 Resp: 625374
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 35.8
 88 15.1 0.0 31.0

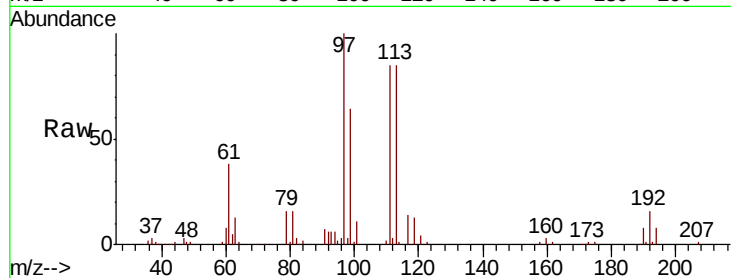




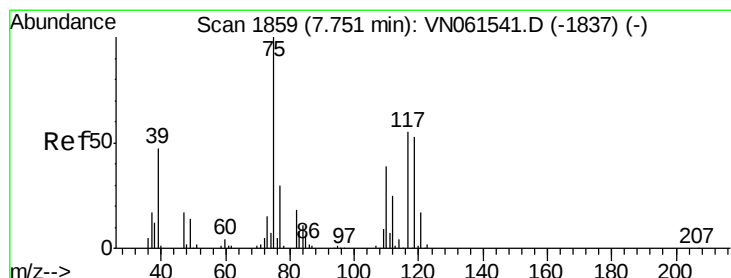
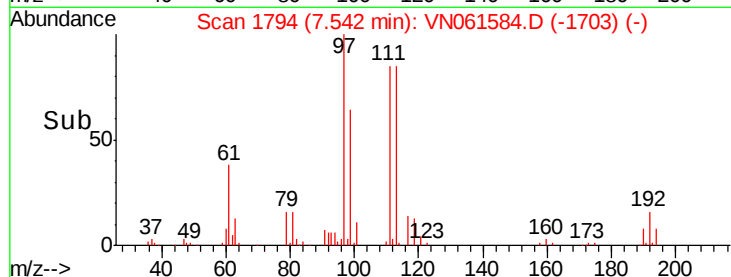
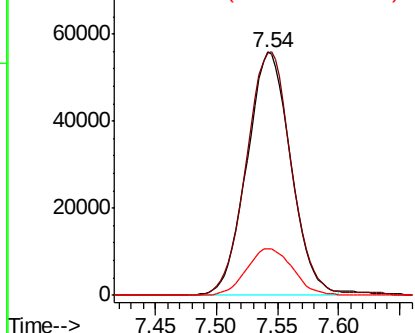
#35
 Dibromofluoromethane
 Concen: 43.887 ug/l
 RT: 7.54 min Scan# 1794
 Delta R.T. -0.01 min
 Lab File: VN061584.D
 Acq: 1 Jun 2020 9:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:113 Resp: 139227
 Ion Ratio Lower Upper
 113 100
 111 102.2 83.4 125.0
 192 20.1 15.4 23.2

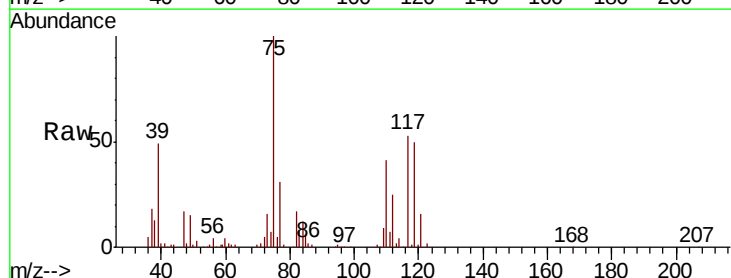


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

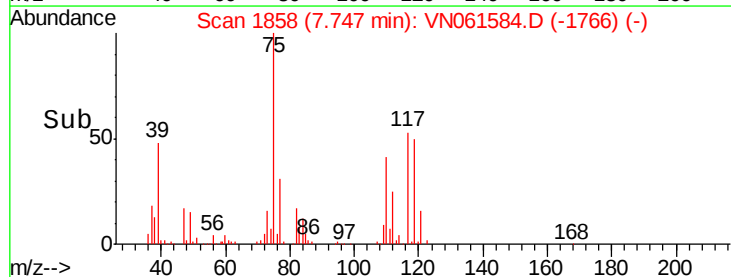
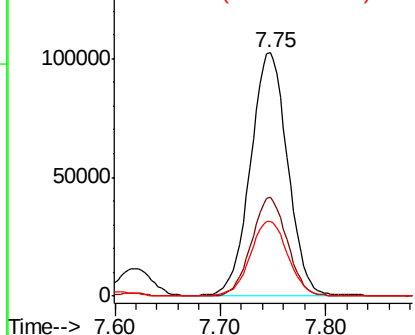


#36
 1,1-Dichloropropene
 Concen: 45.209 ug/l
 RT: 7.75 min Scan# 1858
 Delta R.T. -0.00 min
 Lab File: VN061584.D
 Acq: 1 Jun 2020 9:51

Tgt Ion: 75 Resp: 250284
 Ion Ratio Lower Upper
 75 100
 110 39.2 19.5 58.5
 77 31.4 24.7 37.1



Abundance Ion 74.90 (74.60 to 75.60): VNO
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VNO

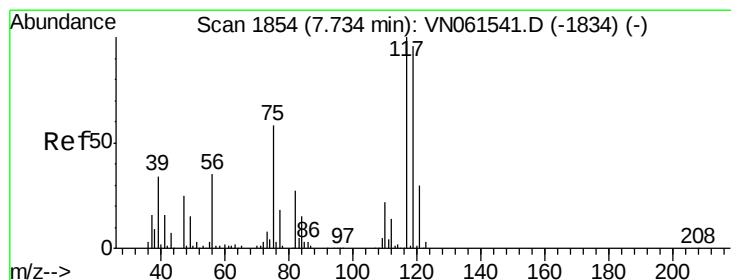
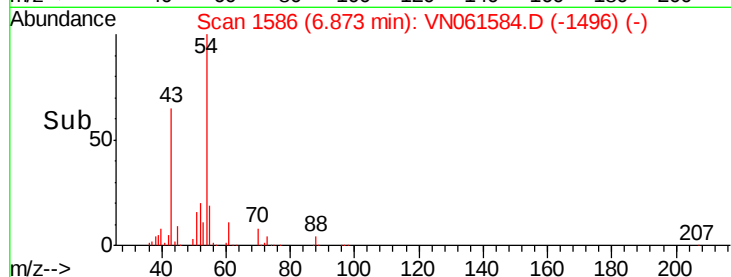
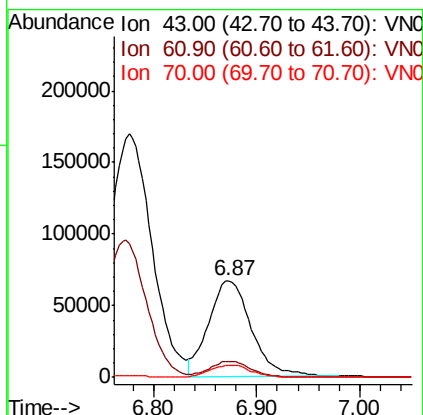
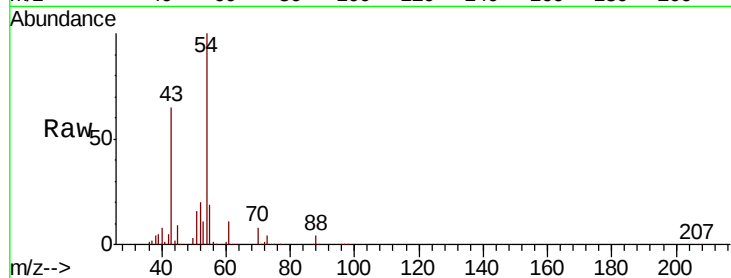




#37
Ethyl Acetate
Concen: 42.881 ug/l
RT: 6.87 min Scan# 1586
Delta R.T. -0.01 min
Lab File: VN061584.D
Acq: 1 Jun 2020 9:51

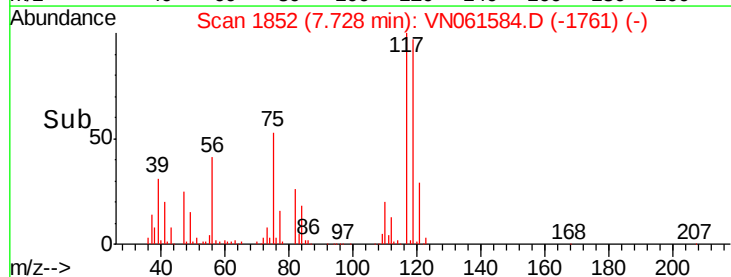
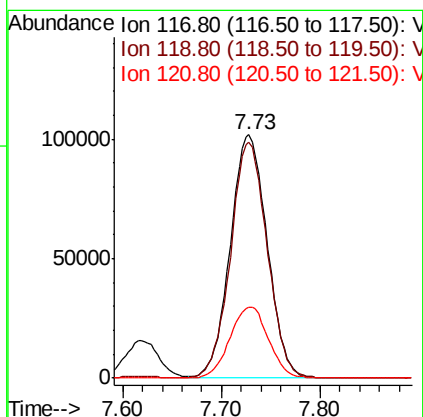
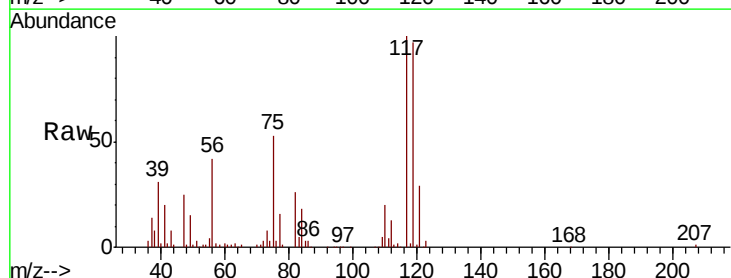
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

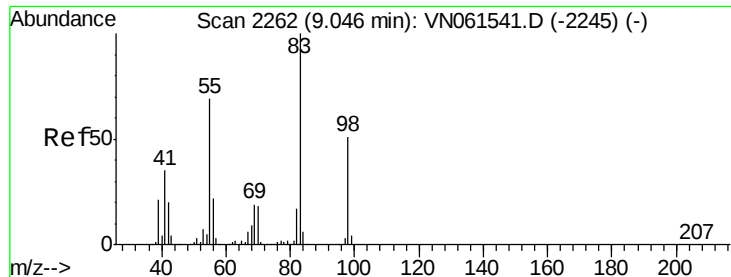
Tot Ion: 43 Resp: 191207
Ion Ratio Lower Upper
43 100
61 16.1 12.2 18.4
70 12.9 9.4 14.2



#38
Carbon Tetrachloride
Concen: 49.366 ug/l
RT: 7.73 min Scan# 1852
Delta R.T. -0.01 min
Lab File: VN061584.D
Acq: 1 Jun 2020 9:51

Tgt Ion: 117 Resp: 263615
Ion Ratio Lower Upper
117 100
119 96.8 76.5 114.7
121 29.0 24.1 36.1

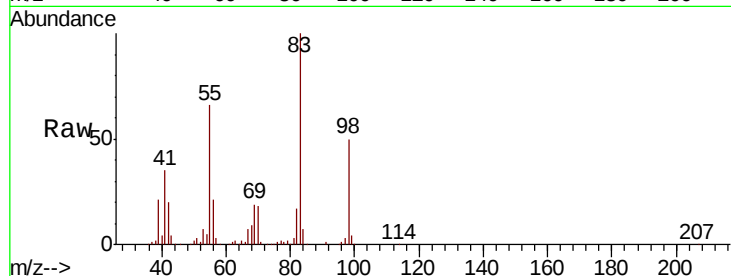




#39
Methvlcvclohexane
Concen: 46.505 ug/l
RT: 9.04 min Scan# 2261
Delta R.T. -0.00 min
Lab File: VN061584.D
Acq: 1 Jun 2020 9:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	83	Resp	317338
Ion Ratio	Lower	Upper	
83	100		
55	66.5	54.9	82.3
98	49.5	41.0	61.4

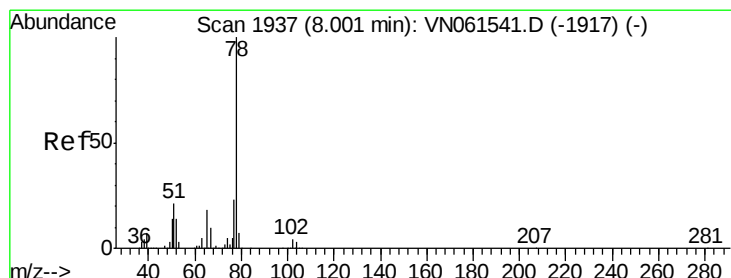
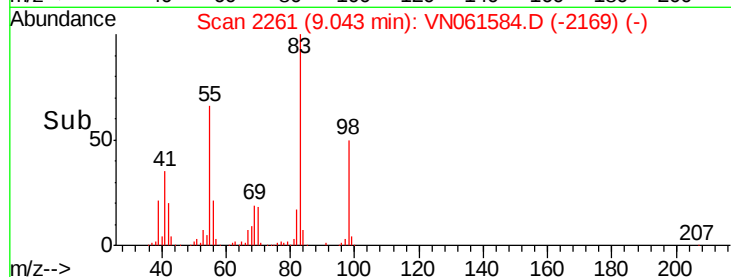
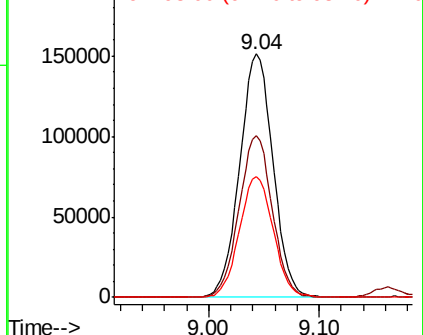


Abundance

Ion 83.00 (82.70 to 83.70): VN0

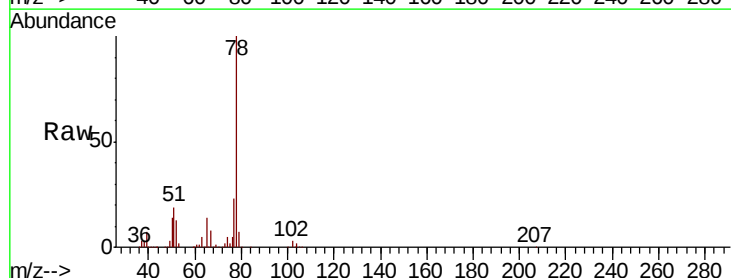
Ion 55.00 (54.70 to 55.70): VN0

Ion 98.00 (97.70 to 98.70): VN0



#40
Benzene
Concen: 44.671 ug/l
RT: 8.00 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VN061584.D
Acq: 1 Jun 2020 9:51

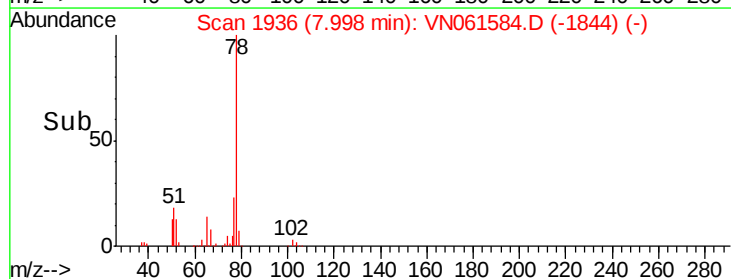
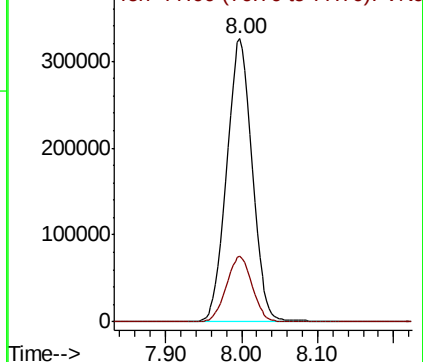
Tgt Ion	78	Resp	763052
Ion Ratio	Lower	Upper	
78	100		
77	23.2	18.6	28.0

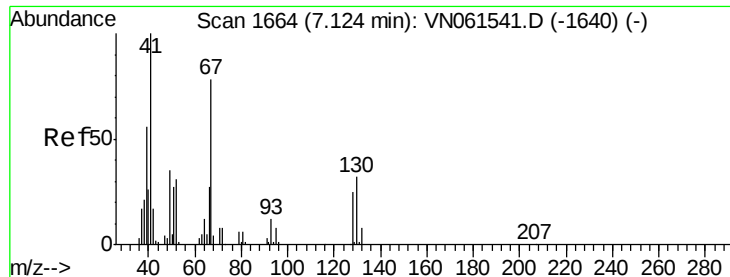


Abundance

Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0

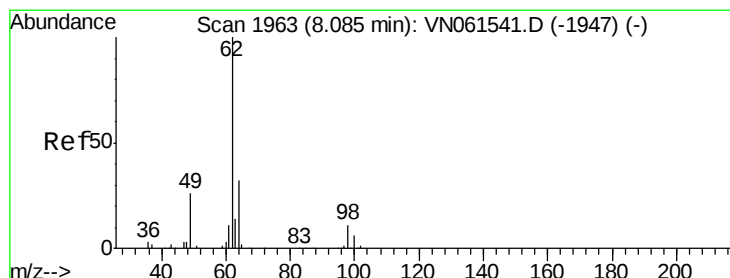
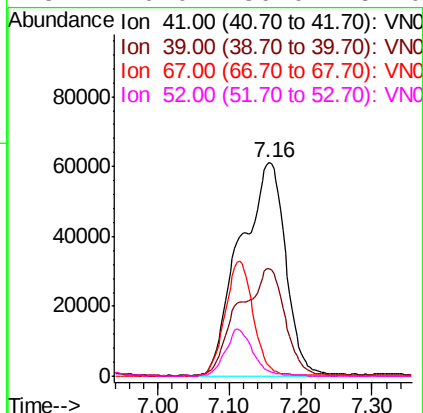
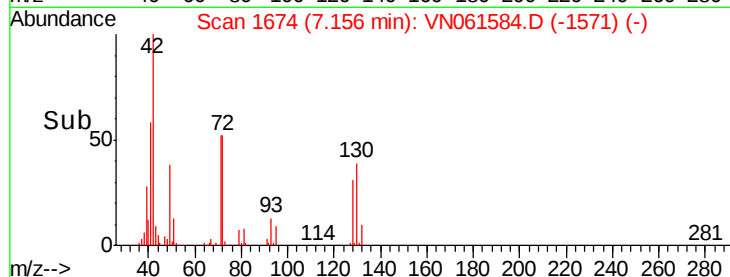
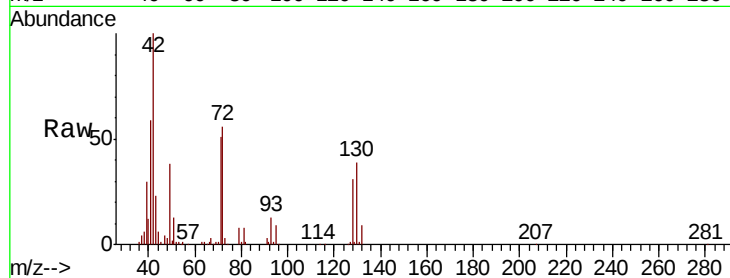




#41
Methacrylonitrile
Concen: 132.457 ug/l
RT: 7.16 min Scan# 1674
Delta R.T. 0.03 min
Lab File: VN061584.D
Acq: 1 Jun 2020 9:51

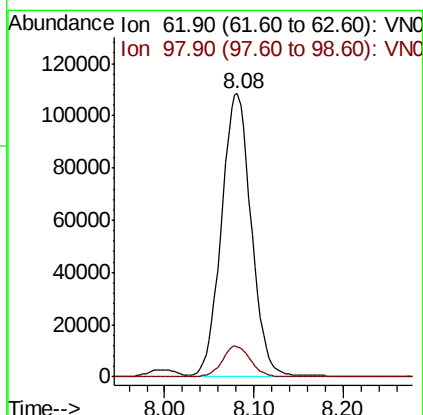
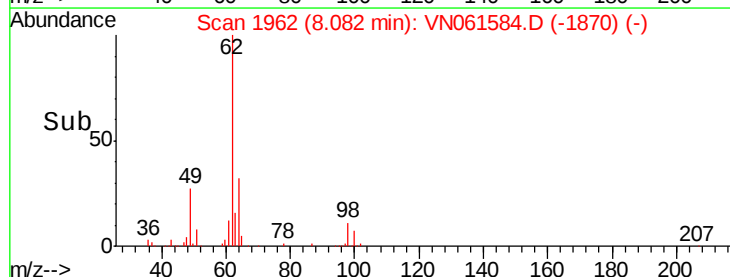
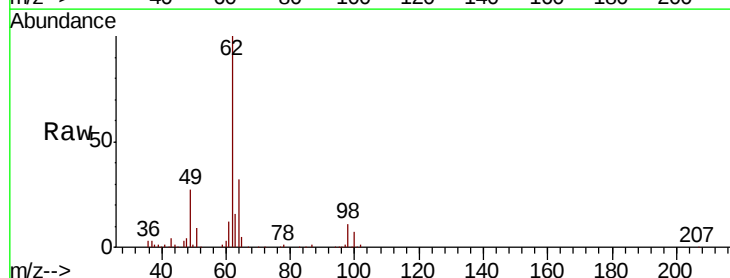
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

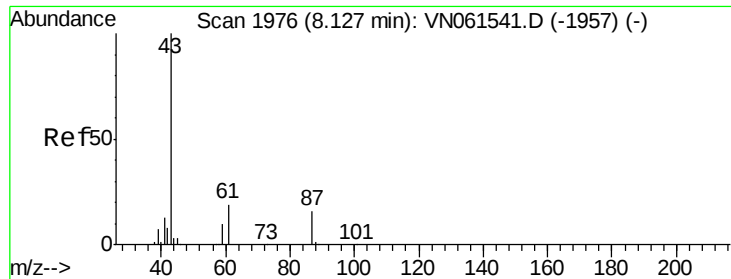
Tot Ion: 41 Resp: 270604
Ion Ratio Lower Upper
41 100
39 51.4 53.8 80.6#
67 0.0 91.1 136.7#
52 0.0 36.0 54.0#



#42
1,2-Dichloroethane
Concen: 43.819 ug/l
RT: 8.08 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VN061584.D
Acq: 1 Jun 2020 9:51

Tgt Ion: 62 Resp: 250590
Ion Ratio Lower Upper
62 100
98 10.3 0.0 21.4

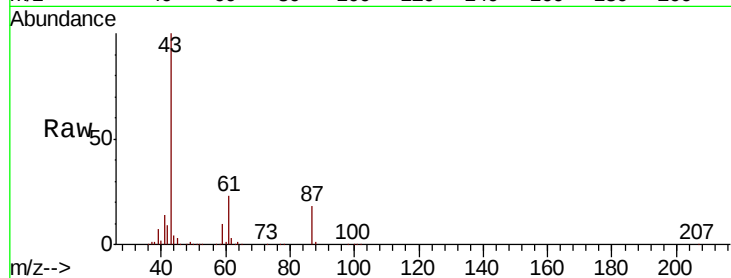




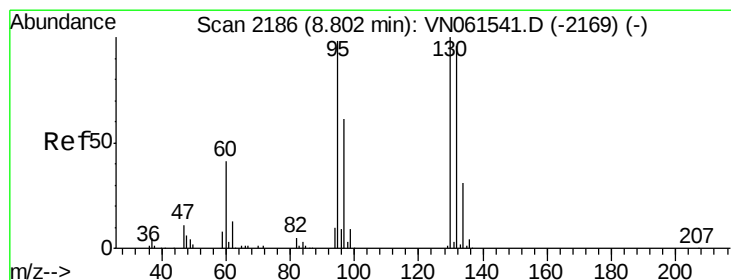
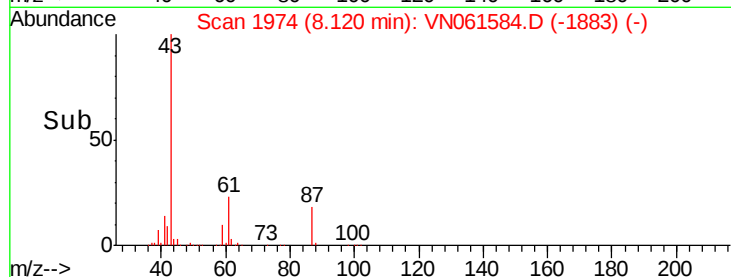
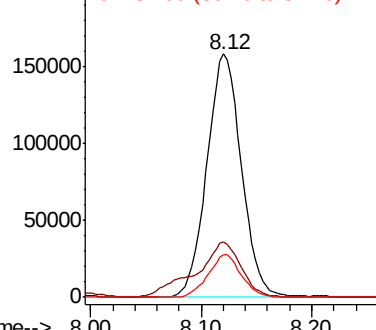
#43
Isopropyl Acetate
Concen: 42.511 ug/l
RT: 8.12 min Scan# 1974
Delta R.T. -0.01 min
Lab File: VN061584.D
Acq: 1 Jun 2020 9:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 341032
Ion Ratio Lower Upper
43 100
61 29.9 23.6 35.4
87 17.0 13.0 19.6

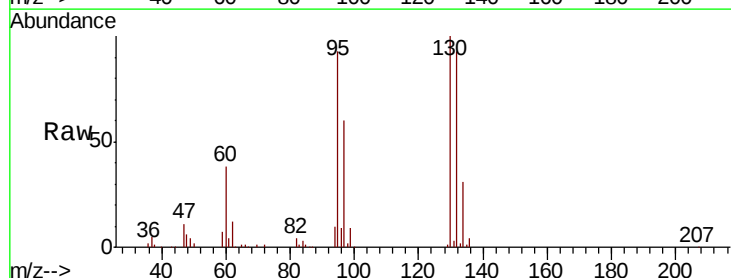


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 87.00 (86.70 to 87.70): VN0

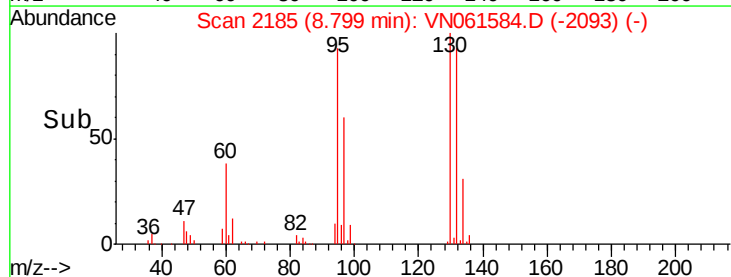
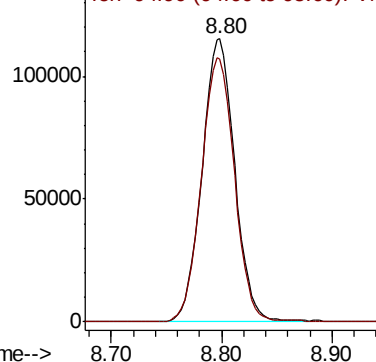


#44
Trichloroethene
Concen: 44.968 ug/l
RT: 8.80 min Scan# 2185
Delta R.T. -0.00 min
Lab File: VN061584.D
Acq: 1 Jun 2020 9:51

Tgt Ion:130 Resp: 236065
Ion Ratio Lower Upper
130 100
95 92.7 0.0 196.6



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VN0

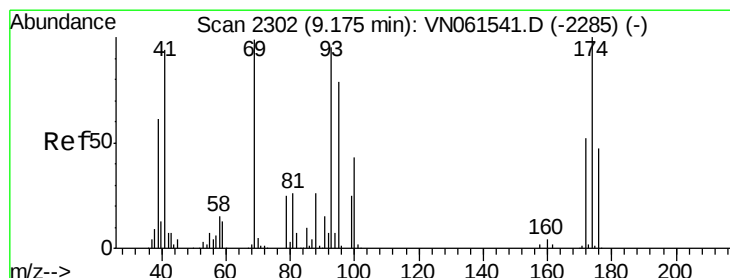
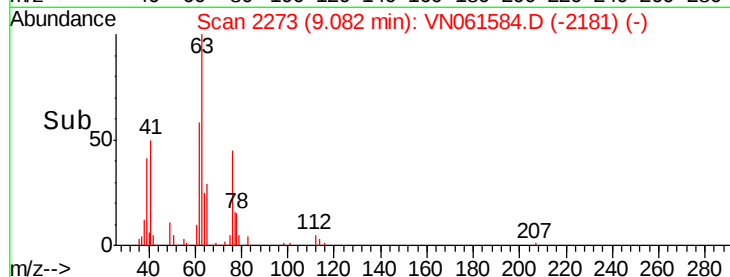
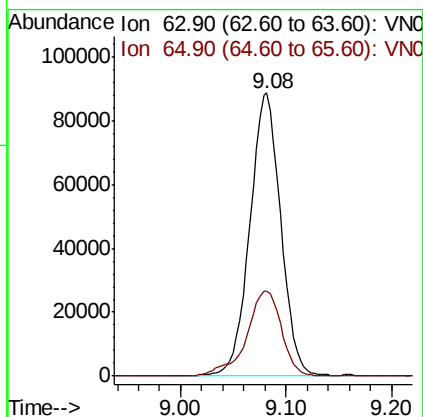
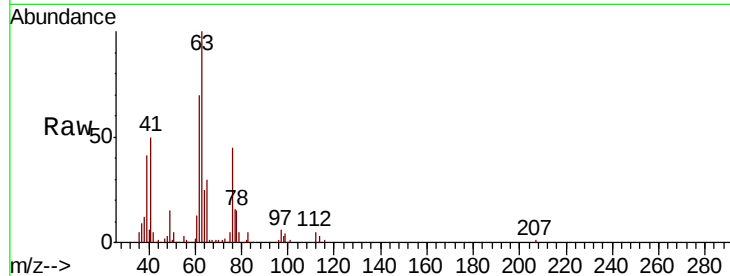




#45
 1,2-Dichloropropane
 Concen: 44.702 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VN061584.D
 Acq: 1 Jun 2020 9:51

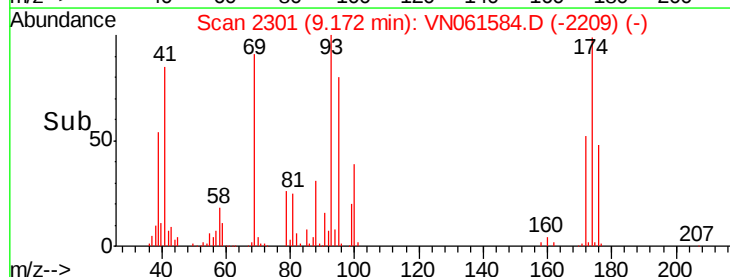
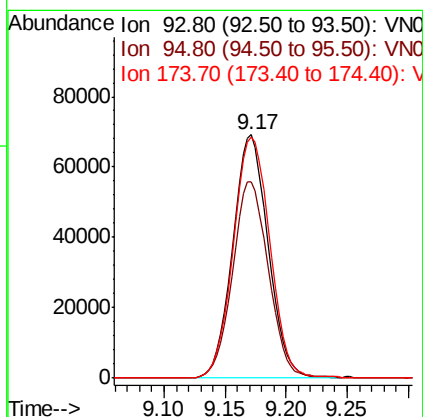
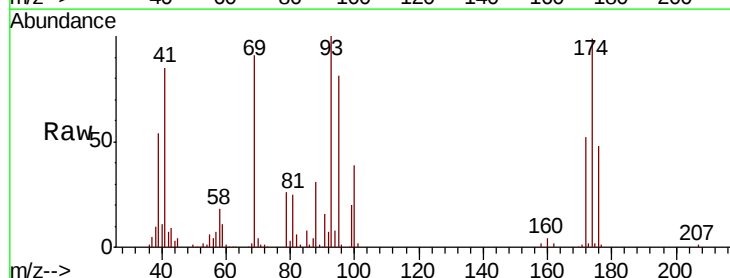
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 181316
 Ion Ratio Lower Upper
 63 100
 65 30.2 24.7 37.1



#46
 Dibromomethane
 Concen: 44.777 ug/l
 RT: 9.17 min Scan# 2301
 Delta R.T. -0.00 min
 Lab File: VN061584.D
 Acq: 1 Jun 2020 9:51

Tgt Ion: 93 Resp: 139294
 Ion Ratio Lower Upper
 93 100
 95 81.6 66.0 99.0
 174 102.7 82.5 123.7





#47

Bromodichloromethane

Concen: 45.893 ug/l

RT: 9.36 min Scan# 2361

Delta R.T. -0.01 min

Lab File: VN061584.D

Acq: 1 Jun 2020 9:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

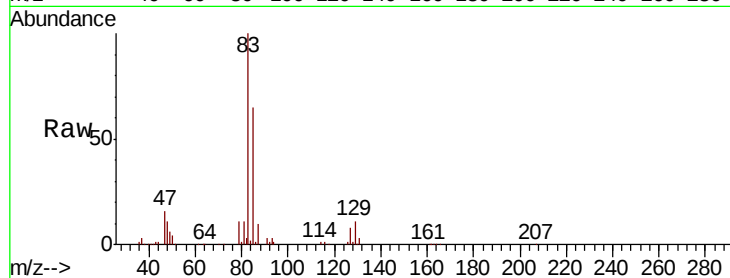
Tot Ion: 83 Resp: 282851

Ion Ratio Lower Upper

83 100

85 64.9 51.1 76.7

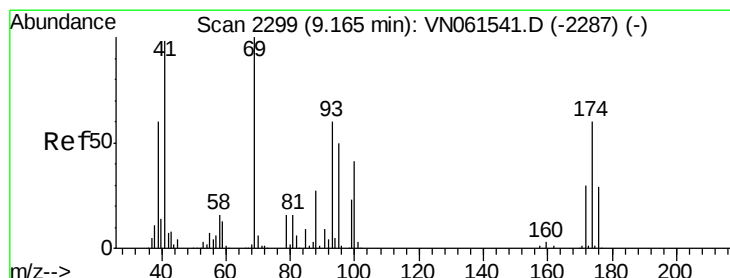
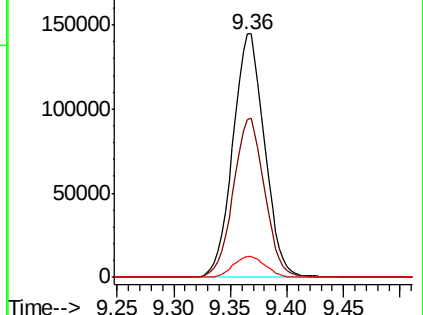
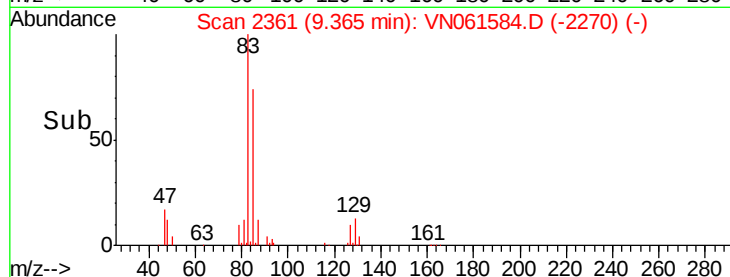
127 8.4 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VN061584.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN061584.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN061584.D (-2270) (-)



#48

Methyl methacrylate

Concen: 40.764 ug/l

RT: 9.16 min Scan# 2298

Delta R.T. -0.00 min

Lab File: VN061584.D

Acq: 1 Jun 2020 9:51

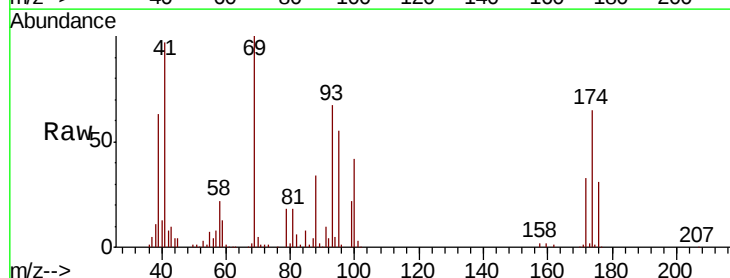
Tgt Ion: 41 Resp: 147133

Ion Ratio Lower Upper

41 100

69 106.7 83.9 125.9

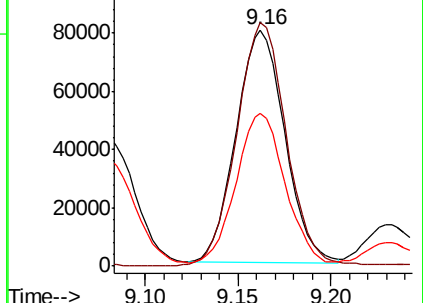
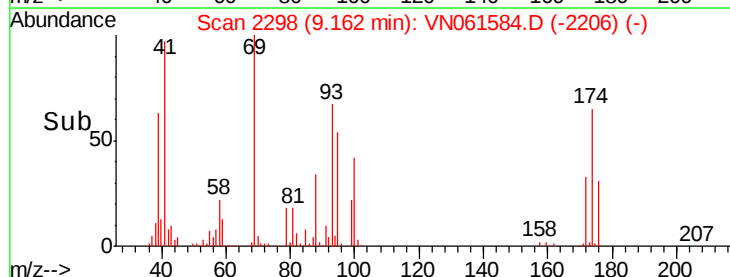
39 66.5 52.1 78.1

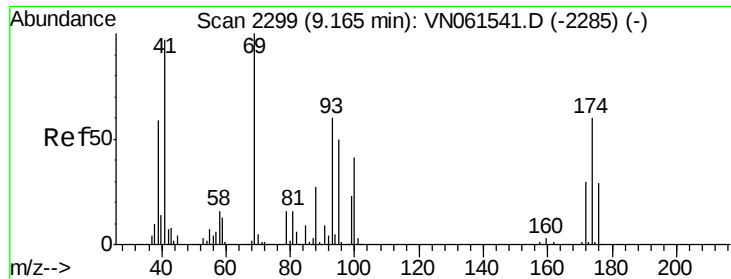


Abundance Ion 41.00 (40.70 to 41.70): VN061584.D (-2206) (-)

Ion 69.00 (68.70 to 69.70): VN061584.D (-2206) (-)

Ion 39.00 (38.70 to 39.70): VN061584.D (-2206) (-)

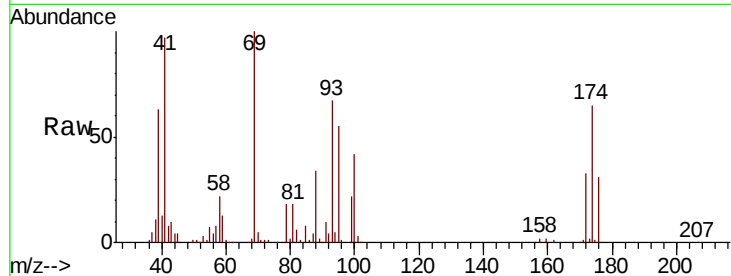




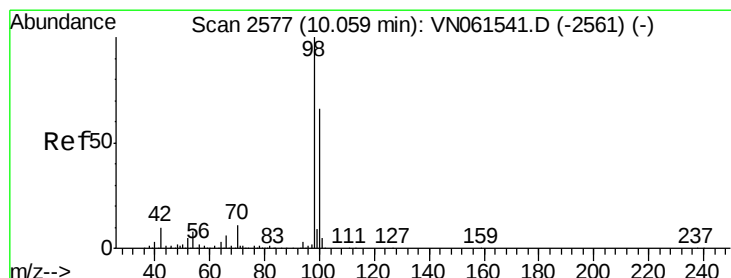
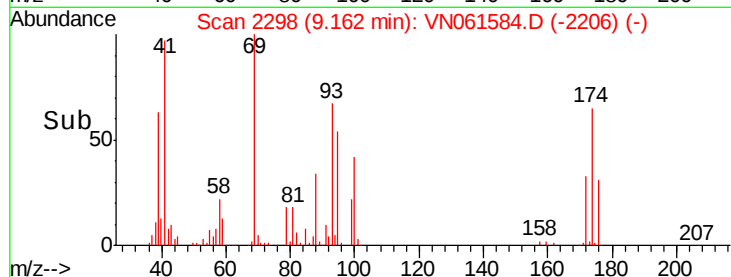
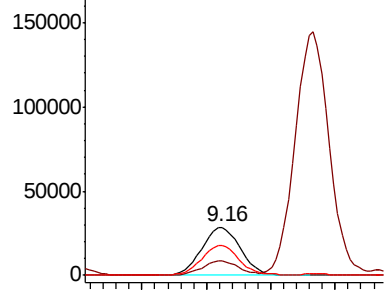
#49
1,4-Dioxane
Concen: 1064.185 ug/l
RT: 9.16 min Scan# 2298
Delta R.T. -0.00 min
Lab File: VN061584.D
Acq: 1 Jun 2020 9:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 88 Resp: 59504
Ion Ratio Lower Upper
88 100
43 28.6 23.1 34.7
58 60.7 48.3 72.5

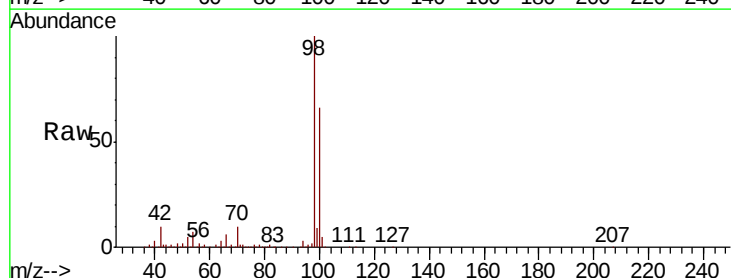


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

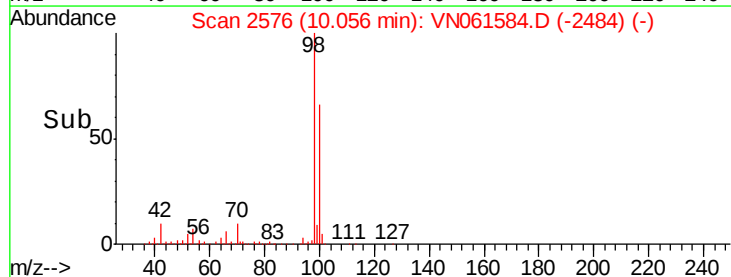
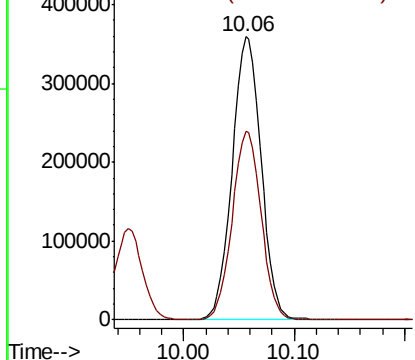


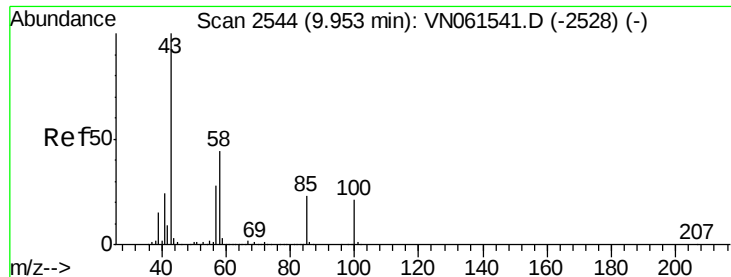
#50
Toluene-d8
Concen: 44.533 ug/l
RT: 10.06 min Scan# 2576
Delta R.T. -0.00 min
Lab File: VN061584.D
Acq: 1 Jun 2020 9:51

Tgt Ion: 98 Resp: 654691
Ion Ratio Lower Upper
98 100
100 66.1 52.8 79.2



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: 214.747 ug/l

RT: 9.95 min Scan# 2543

Delta R.T. -0.00 min

Lab File: VN061584.D

Acq: 1 Jun 2020 9:51

Instrument :

MSVOA_N

ClientSampleId :

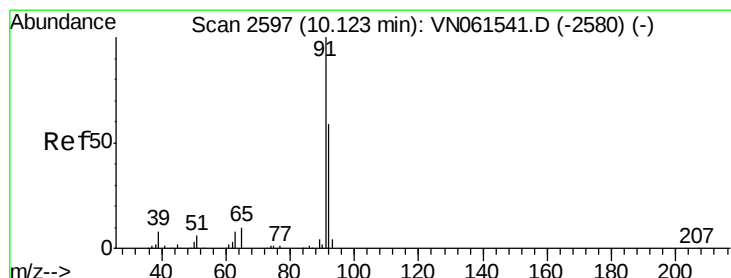
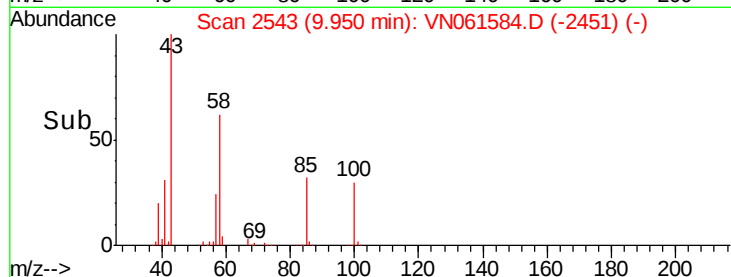
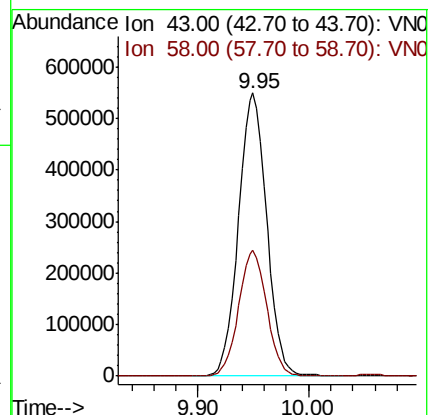
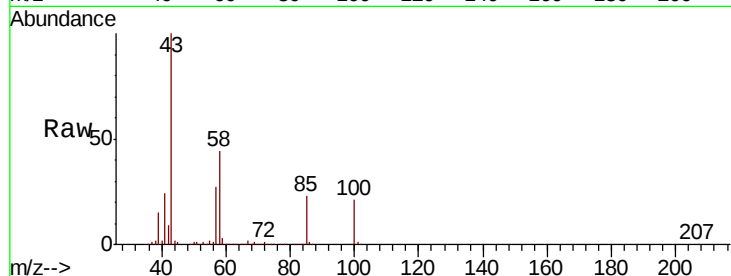
VSTDCCC050

Tot Ion: 43 Resp: 970821

Ion Ratio Lower Upper

43 100

58 44.4 35.0 52.6



#52

Toluene

Concen: 45.810 ug/l

RT: 10.12 min Scan# 2596

Delta R.T. -0.00 min

Lab File: VN061584.D

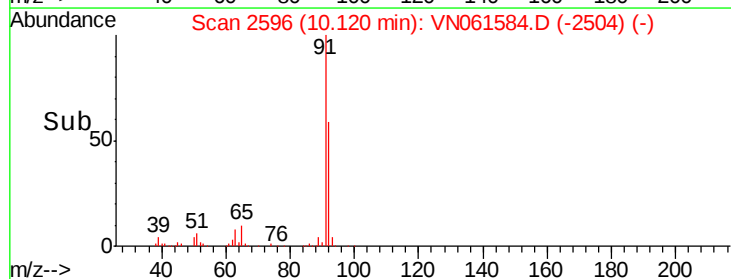
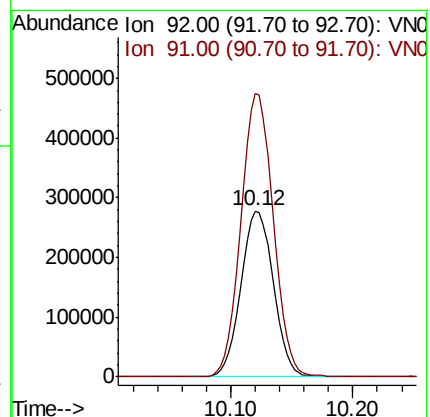
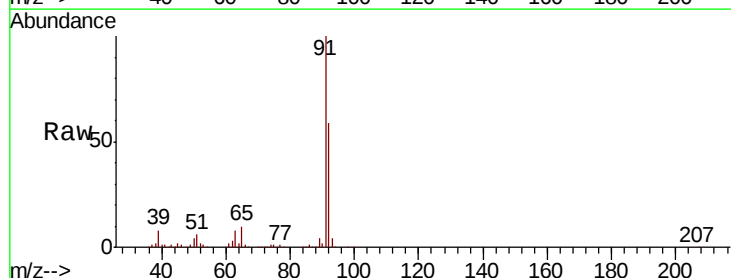
Acq: 1 Jun 2020 9:51

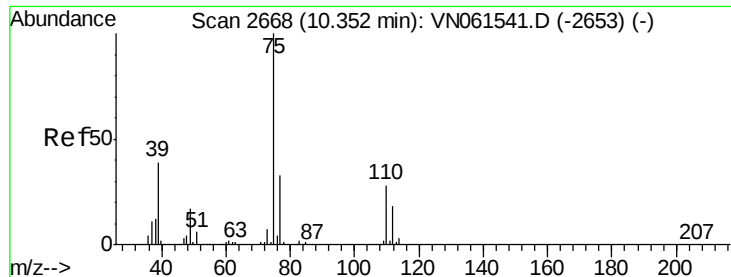
Tgt Ion: 92 Resp: 510738

Ion Ratio Lower Upper

92 100

91 170.5 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 45.583 ug/l

RT: 10.35 min Scan# 2667

Delta R.T. -0.00 min

Lab File: VN061584.D

Acq: 1 Jun 2020 9:51

Instrument :

MSVOA_N

ClientSampleId :

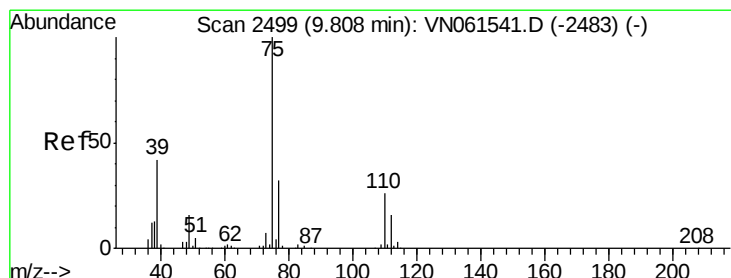
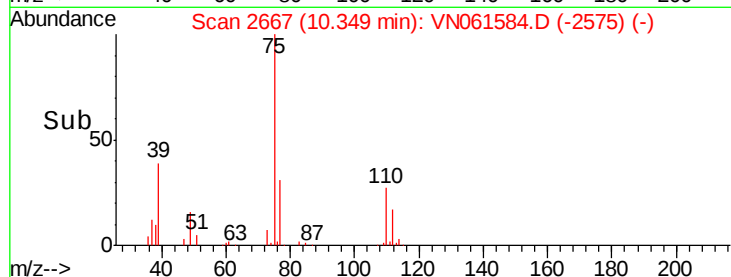
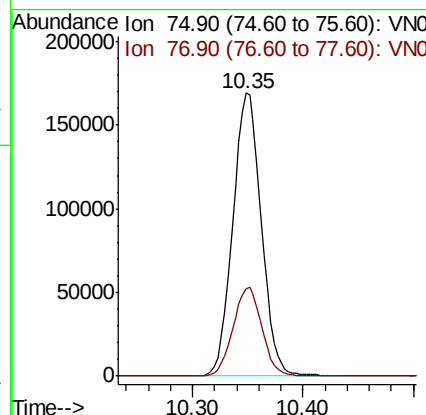
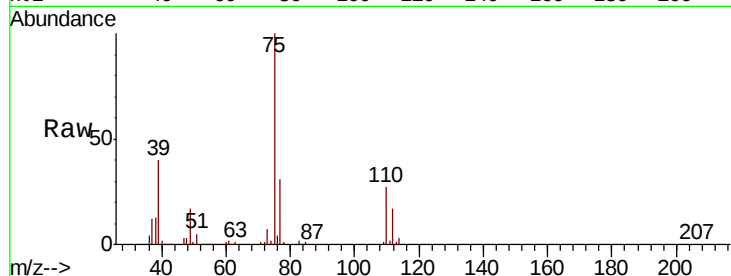
VSTDCCC050

Tot Ion: 75 Resp: 302645

Ion Ratio Lower Upper

75 100

77 31.0 26.2 39.4



#54

cis-1,3-Dichloropropene

Concen: 45.513 ug/l

RT: 9.81 min Scan# 2498

Delta R.T. -0.00 min

Lab File: VN061584.D

Acq: 1 Jun 2020 9:51

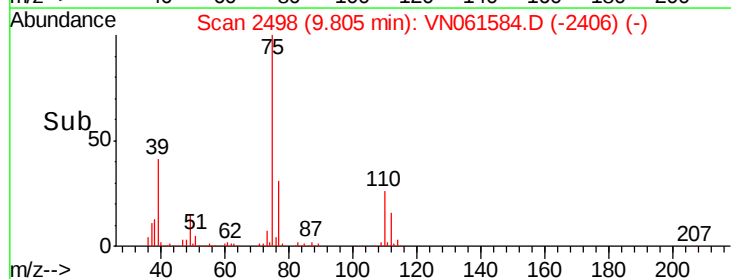
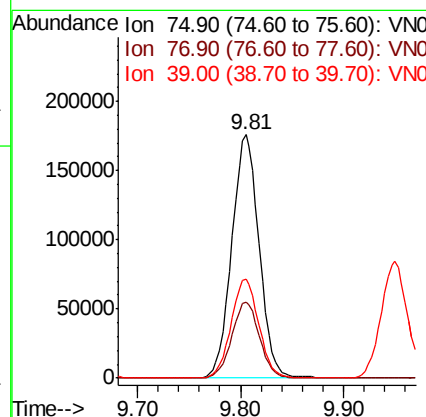
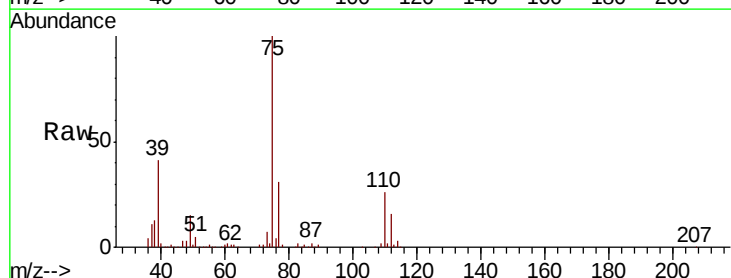
Tgt Ion: 75 Resp: 324910

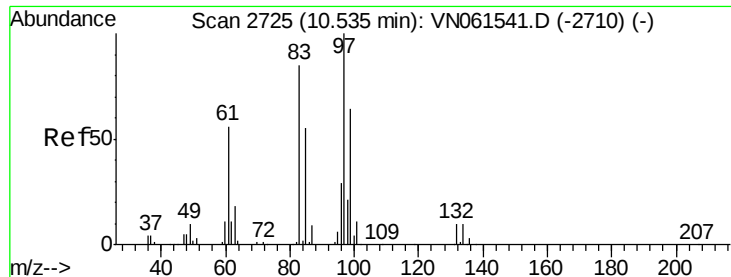
Ion Ratio Lower Upper

75 100

77 31.3 25.4 38.2

39 40.8 33.8 50.6





#55

1,1,2-Trichloroethane

Concen: 44.540 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.00 min

Lab File: VN061584.D

Acq: 1 Jun 2020 9:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 197837

Ion	Ratio	Lower	Upper
97	100		
83	82.6	68.1	102.1
85	54.9	44.1	66.1
99	62.9	51.1	76.7

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

10.53

150000

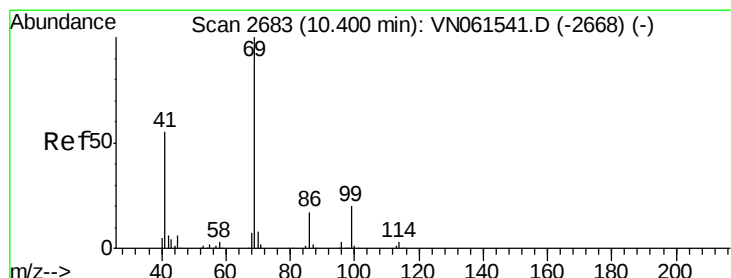
100000

50000

0

Time-->

10.45 10.50 10.55 10.60



#56

Ethyl methacrylate

Concen: 44.895 ug/l

RT: 10.40 min Scan# 2682

Delta R.T. -0.00 min

Lab File: VN061584.D

Acq: 1 Jun 2020 9:51

Tgt Ion: 69 Resp: 278564

Ion	Ratio	Lower	Upper
69	100		
41	52.9	43.5	65.3
39	34.1	27.0	40.6

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

10.40

200000

150000

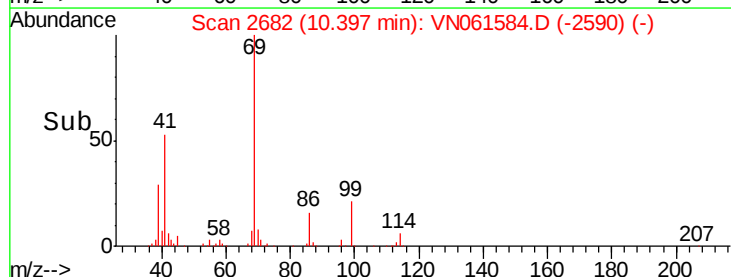
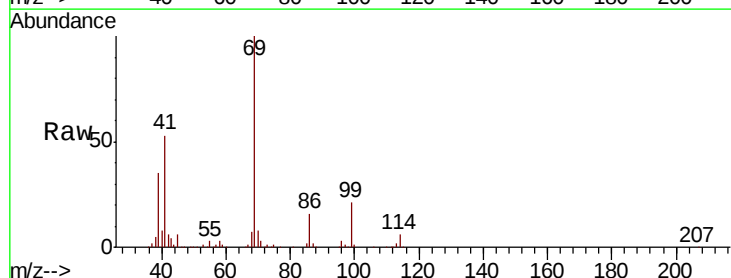
100000

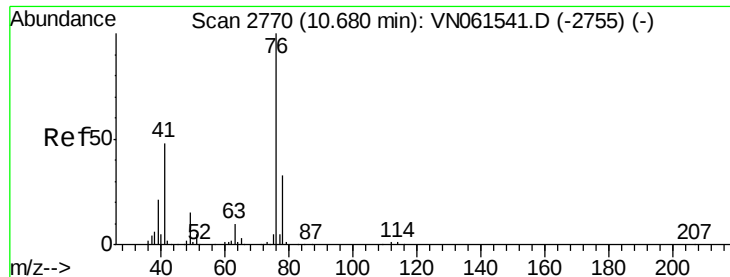
50000

0

Time-->

10.30 10.40 10.50





#57

1,3-Dichloropropane

Concen: 44.999 ug/l

RT: 10.68 min Scan# 2769

Delta R.T. -0.00 min

Lab File: VN061584.D

Acq: 1 Jun 2020 9:51

Instrument :

MSVOA_N

ClientSampleId :

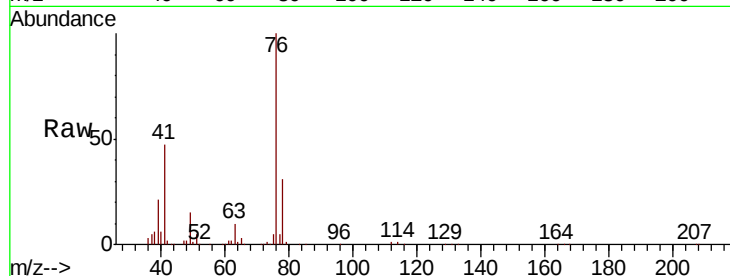
VSTDCCC050

Tot Ion: 76 Resp: 319680

Ion Ratio Lower Upper

76 100

78 31.9 26.3 39.5



Abundance Ion 75.90 (75.60 to 76.60): VN061541.D (-2755) (-)

Ion 77.90 (77.60 to 78.60): VN061541.D (-2755) (-)

10.68

200000

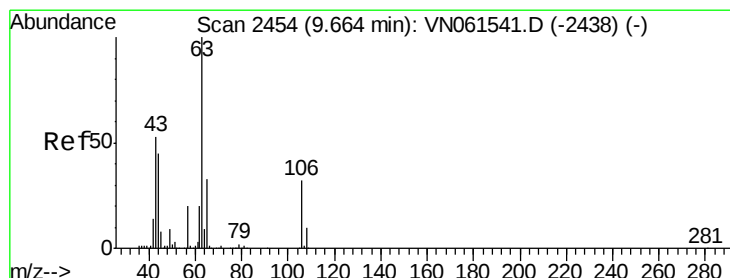
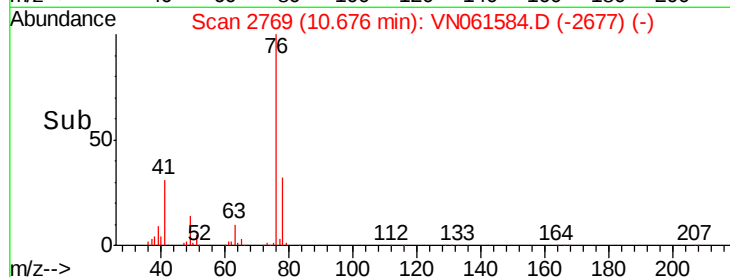
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 214.360 ug/l

RT: 9.66 min Scan# 2453

Delta R.T. -0.00 min

Lab File: VN061584.D

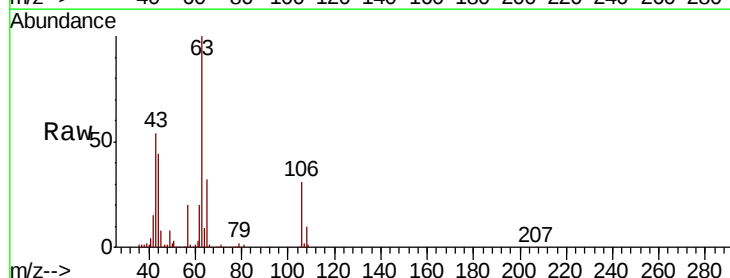
Acq: 1 Jun 2020 9:51

Tgt Ion: 63 Resp: 568394

Ion Ratio Lower Upper

63 100

106 32.1 25.9 38.9



Abundance Ion 62.90 (62.60 to 63.60): VN061541.D (-2438) (-)

Ion 105.90 (105.60 to 106.60): VN061541.D (-2438) (-)

9.66

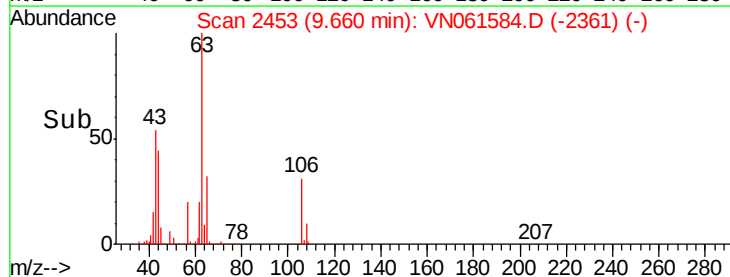
300000

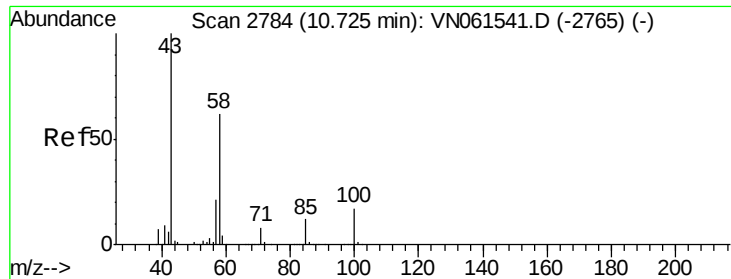
200000

100000

0

Time-->

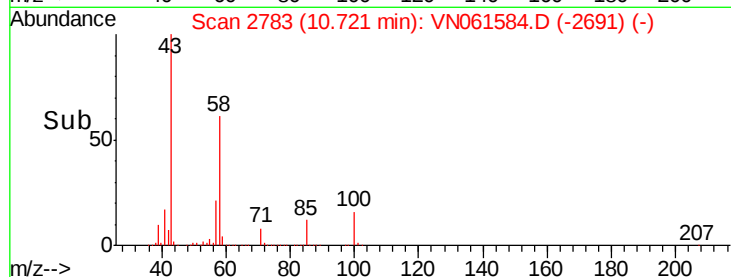
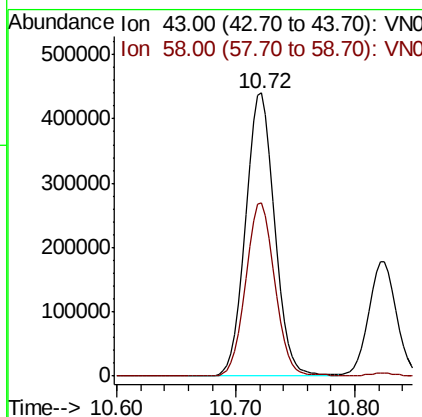
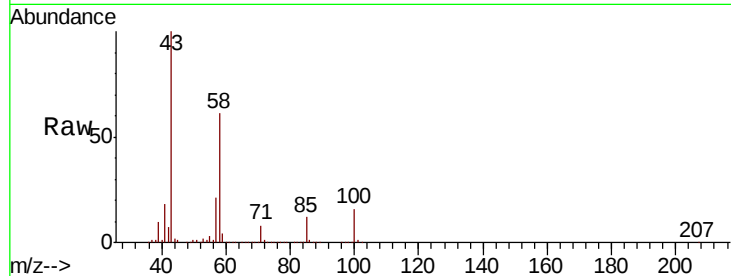




#59
2-Hexanone
Concen: 229.314 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN061584.D
Acq: 1 Jun 2020 9:51

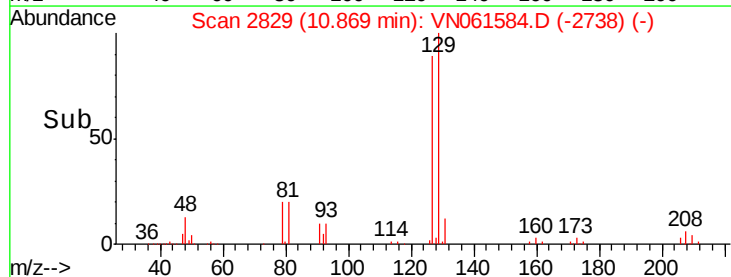
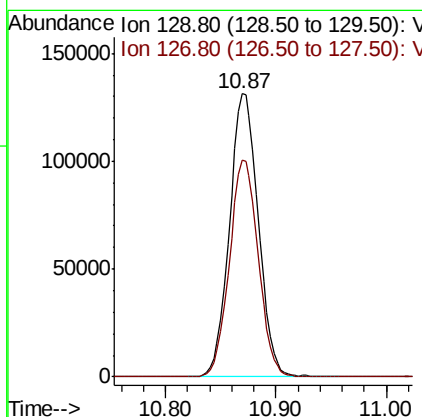
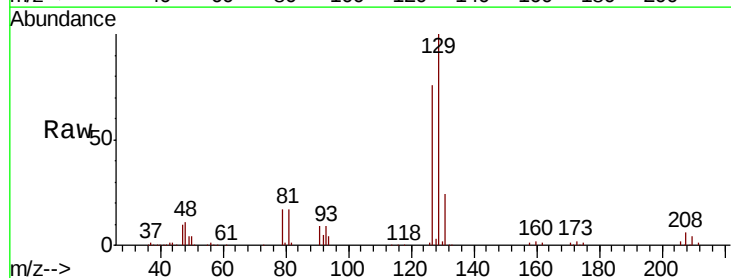
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

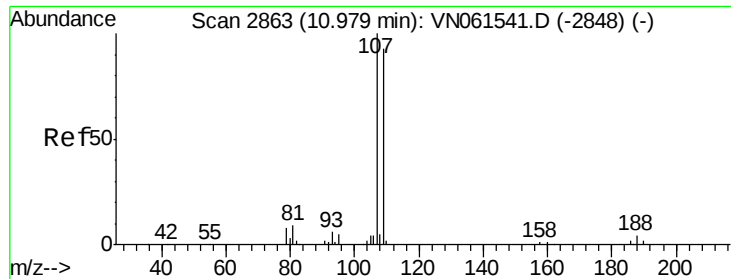
Tot Ion: 43 Resp: 744512
Ion Ratio Lower Upper
43 100
58 61.5 30.7 92.1



#60
Dibromochloromethane
Concen: 47.087 ug/l
RT: 10.87 min Scan# 2829
Delta R.T. -0.01 min
Lab File: VN061584.D
Acq: 1 Jun 2020 9:51

Tgt Ion: 129 Resp: 237779
Ion Ratio Lower Upper
129 100
127 76.6 38.8 116.3





#61

1,2-Dibromoethane

Concen: 46.299 ug/l

RT: 10.98 min Scan# 2862

Delta R.T. -0.00 min

Lab File: VN061584.D

Acq: 1 Jun 2020 9:51

Instrument :

MSVOA_N

ClientSampled :

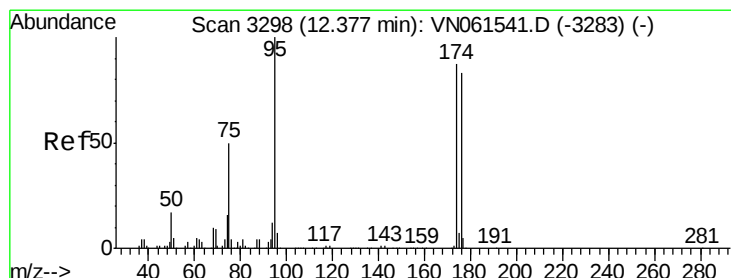
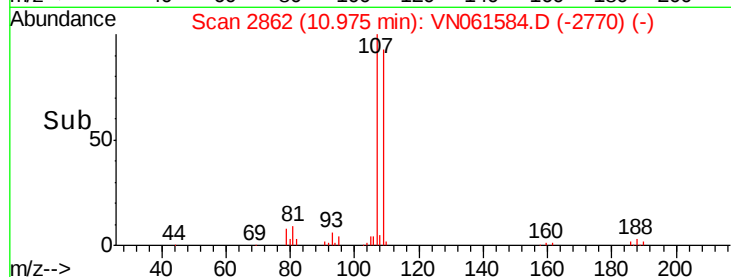
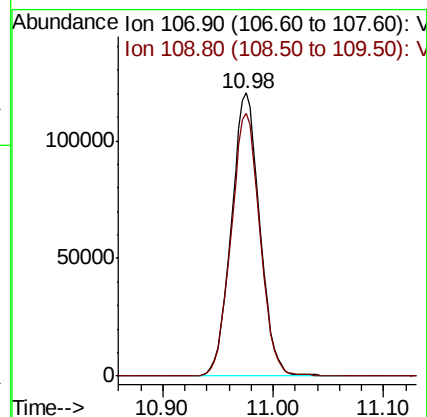
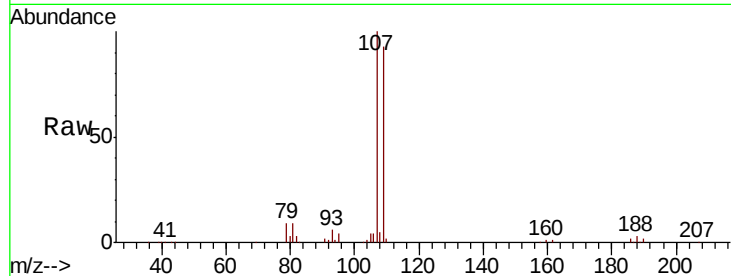
VSTDCCC050

Tot Ion:107 Resp: 214486

Ion Ratio Lower Upper

107 100

109 94.5 76.1 114.1



#62

4-Bromofluorobenzene

Concen: 44.716 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. -0.00 min

Lab File: VN061584.D

Acq: 1 Jun 2020 9:51

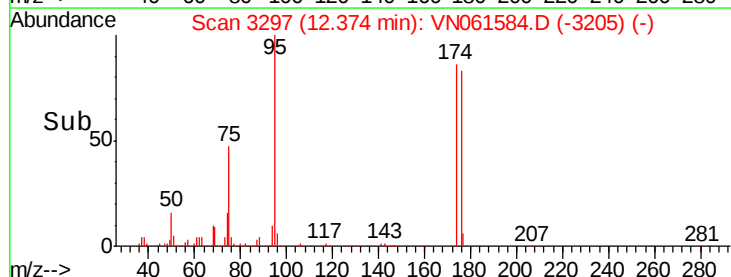
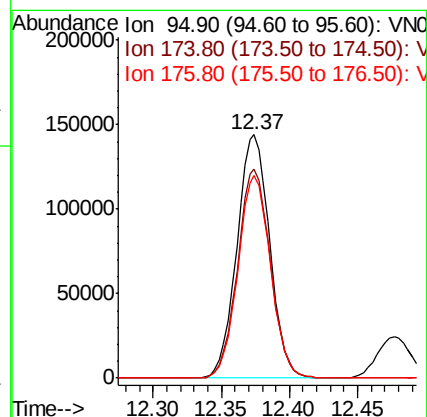
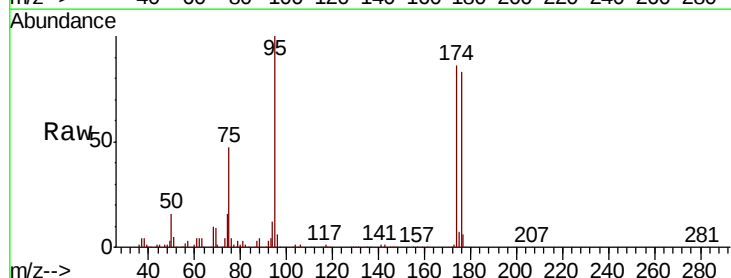
Tgt Ion: 95 Resp: 239839

Ion Ratio Lower Upper

95 100

174 86.0 0.0 172.8

176 82.9 0.0 164.8

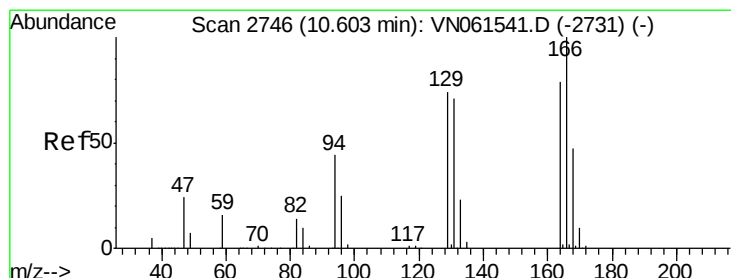
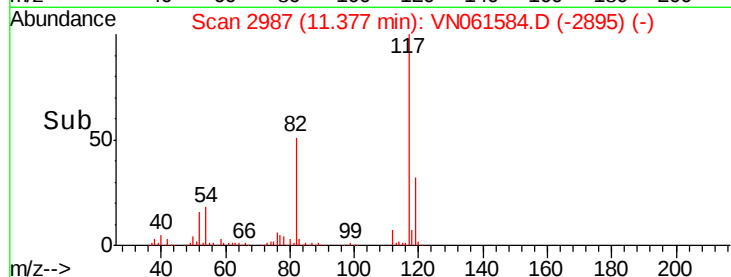
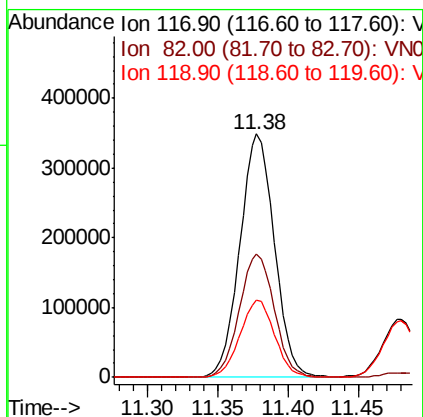
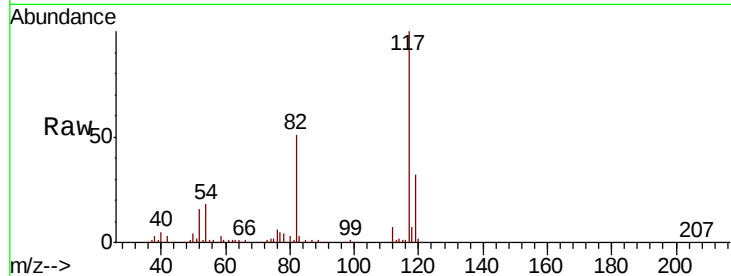




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2987
Delta R.T. -0.00 min
Lab File: VN061584.D
Acq: 1 Jun 2020 9:51

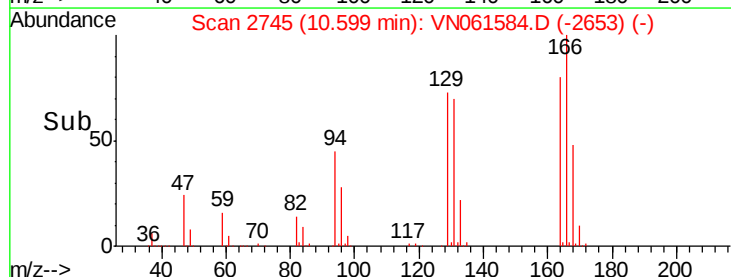
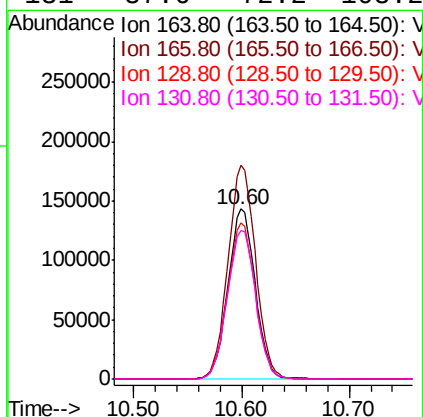
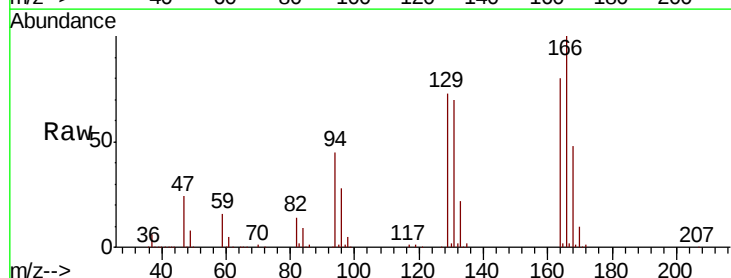
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 599288
Ion Ratio Lower Upper
117 100
82 50.6 41.5 62.3
119 31.7 25.6 38.4



#64
Tetrachloroethene
Concen: 44.824 ug/l
RT: 10.60 min Scan# 2745
Delta R.T. -0.00 min
Lab File: VN061584.D
Acq: 1 Jun 2020 9:51

Tgt Ion:164 Resp: 252861
Ion Ratio Lower Upper
164 100
166 125.7 101.5 152.3
129 92.0 74.9 112.3
131 87.6 72.2 108.2

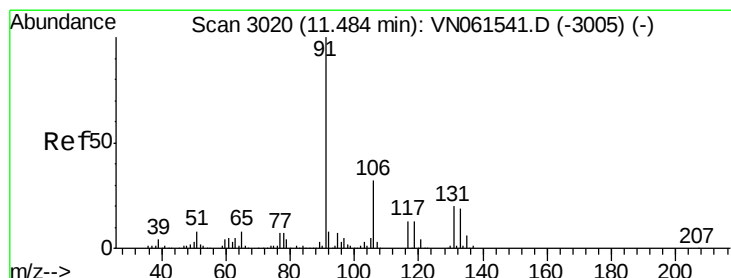
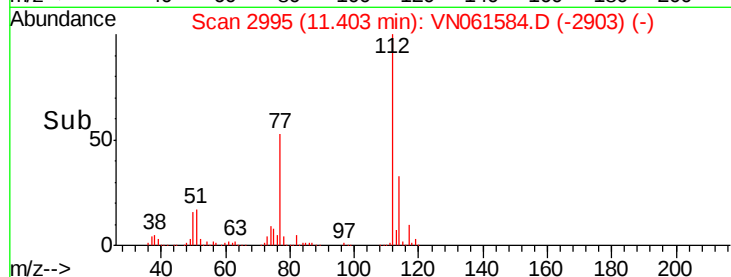
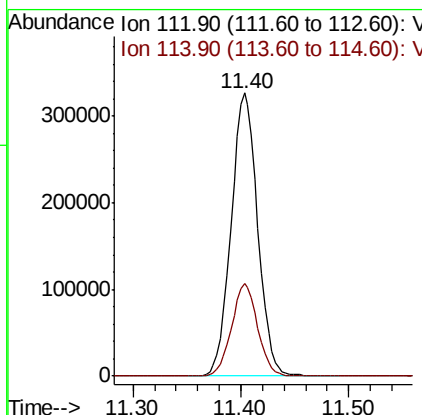
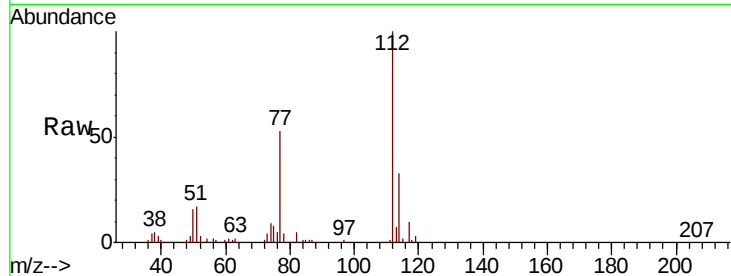




#65
Chlorobenzene
Concen: 44.880 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN061584.D
Acq: 1 Jun 2020 9:51

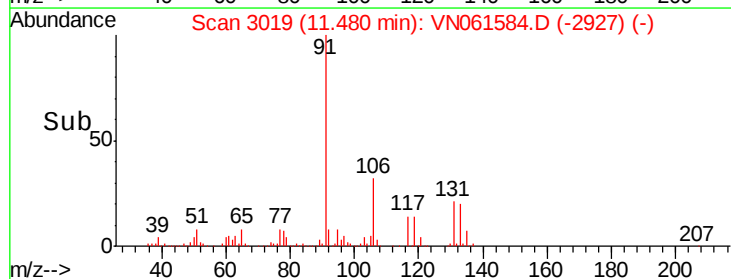
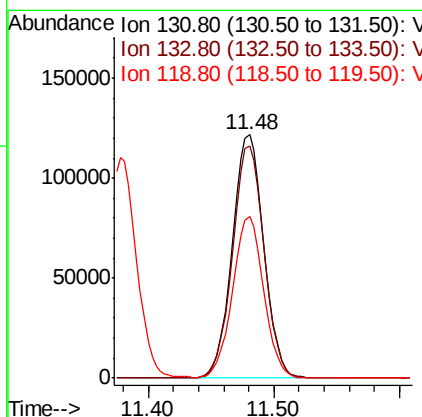
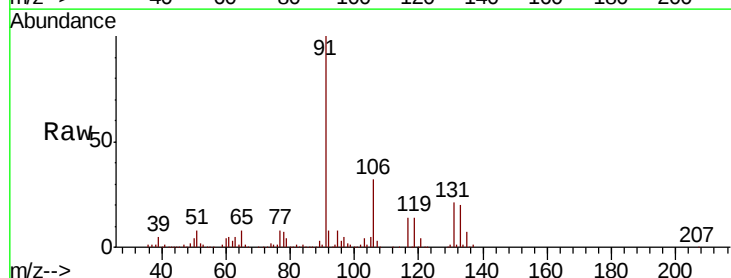
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

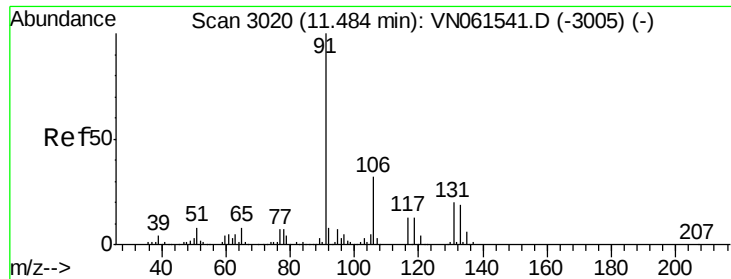
Tot Ion:112 Resp: 559066
Ion Ratio Lower Upper
112 100
114 32.7 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 45.551 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN061584.D
Acq: 1 Jun 2020 9:51

Tgt Ion:131 Resp: 211283
Ion Ratio Lower Upper
131 100
133 96.1 47.4 142.2
119 66.0 32.6 97.8

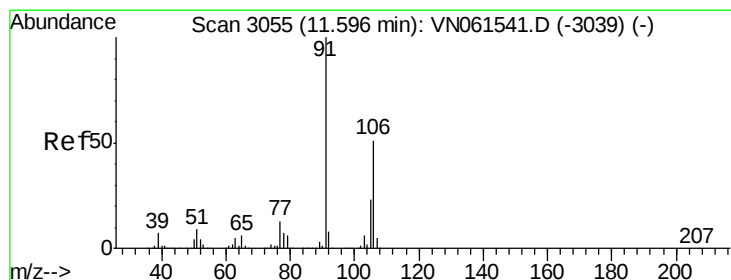
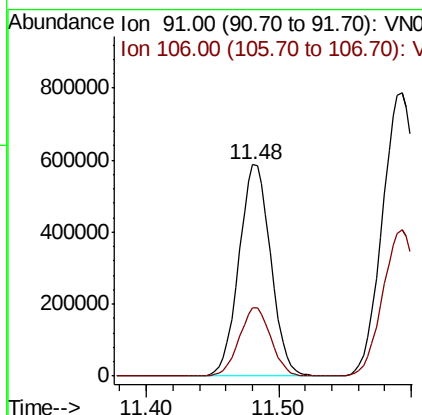
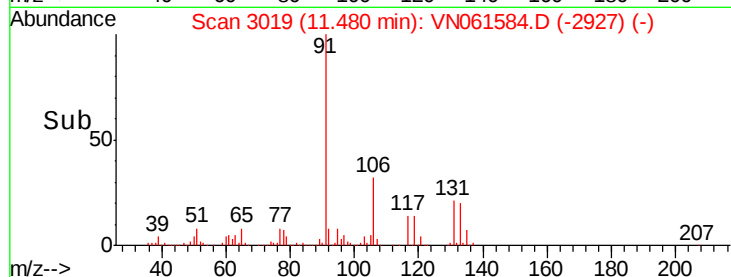
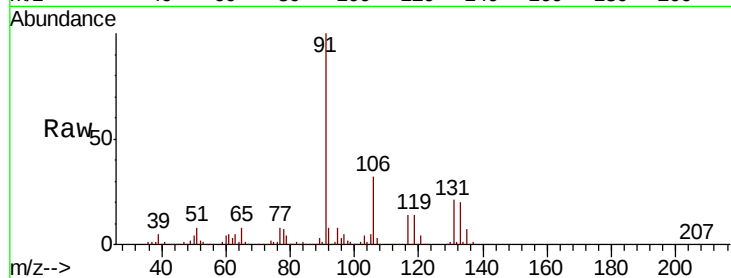




#67
Ethyl Benzene
Concen: 45.436 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN061584.D
Acq: 1 Jun 2020 9:51

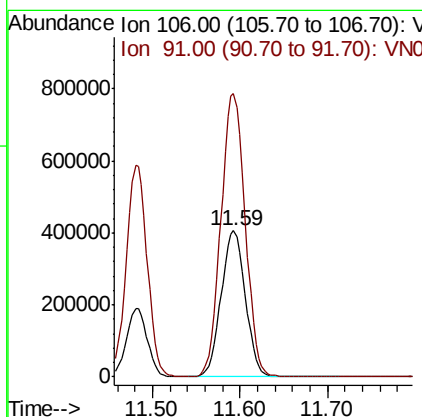
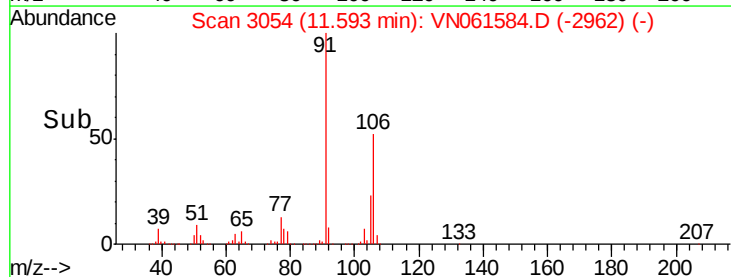
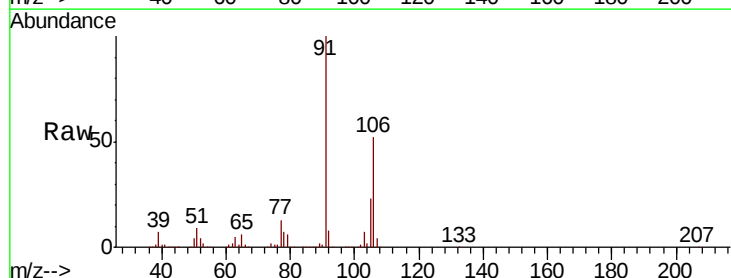
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 978265
Ion Ratio Lower Upper
91 100
106 32.1 25.6 38.4



#68
m/p-Xylenes
Concen: 91.103 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN061584.D
Acq: 1 Jun 2020 9:51

Tgt Ion: 106 Resp: 777742
Ion Ratio Lower Upper
106 100
91 194.5 156.2 234.4

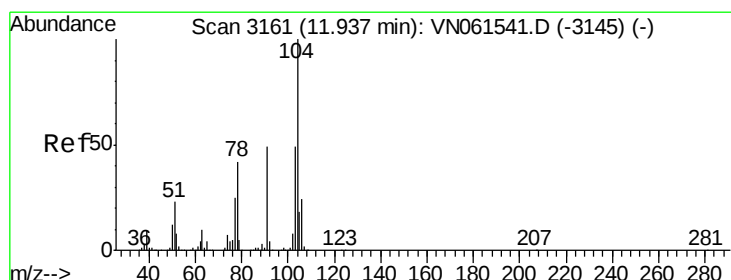
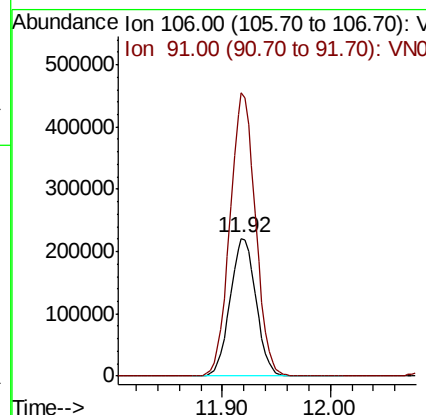
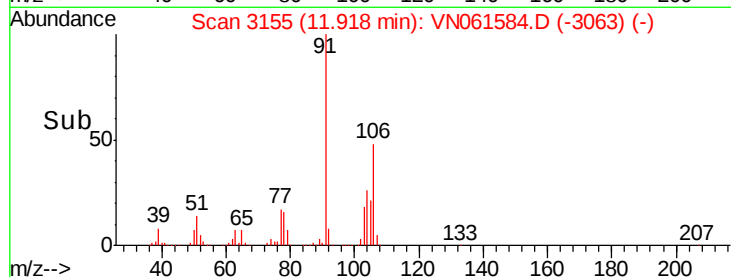
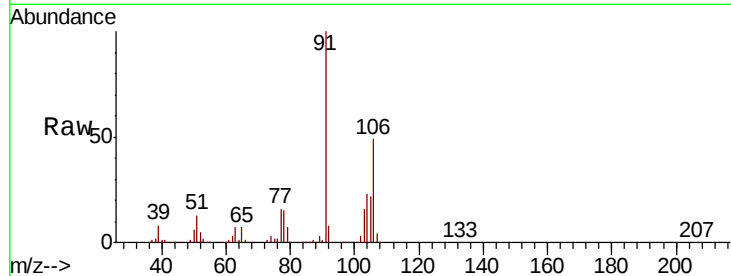




#69
o-Xylene
Concen: 45.643 ug/l
RT: 11.92 min Scan# 3155
Delta R.T. -0.00 min
Lab File: VN061584.D
Acq: 1 Jun 2020 9:51

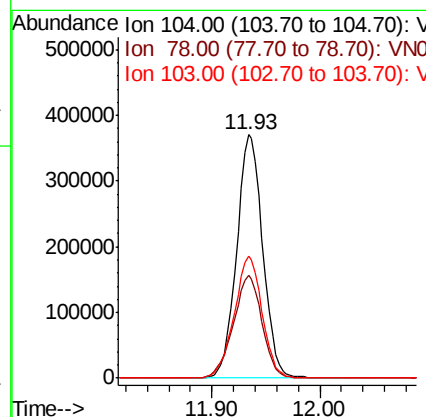
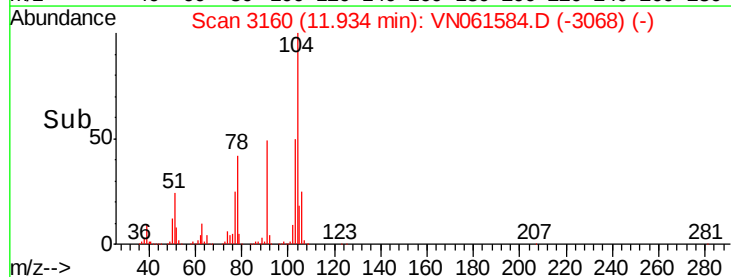
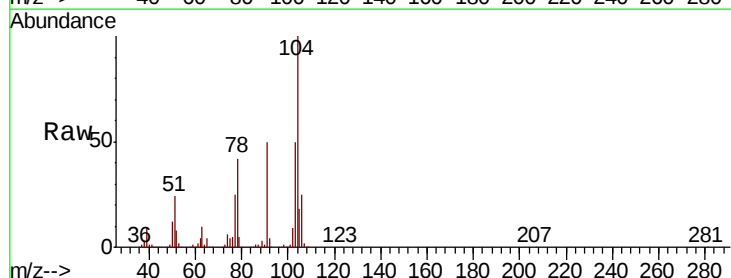
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

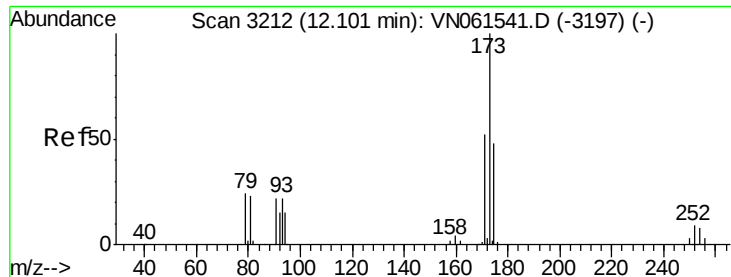
Tot Ion:106 Resp: 370092
Ion Ratio Lower Upper
106 100
91 202.9 103.3 309.8



#70
Styrene
Concen: 46.486 ug/l
RT: 11.93 min Scan# 3160
Delta R.T. -0.00 min
Lab File: VN061584.D
Acq: 1 Jun 2020 9:51

Tgt Ion:104 Resp: 624205
Ion Ratio Lower Upper
104 100
78 46.5 37.4 56.0
103 53.8 42.3 63.5





#71

Bromoform

Concen: 46.550 ug/l

RT: 12.10 min Scan# 3211

Delta R.T. -0.00 min

Lab File: VN061584.D

Acq: 1 Jun 2020 9:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

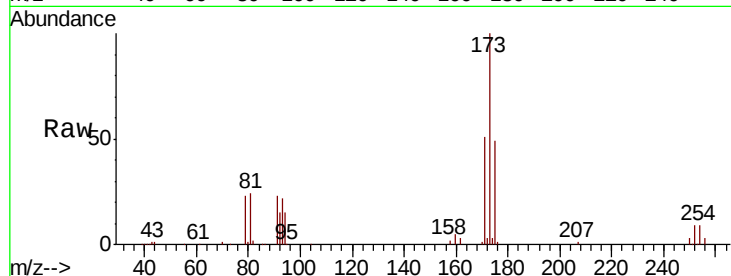
Tot Ion:173 Resp: 166378

Ion Ratio Lower Upper

173 100

175 48.7 24.4 73.2

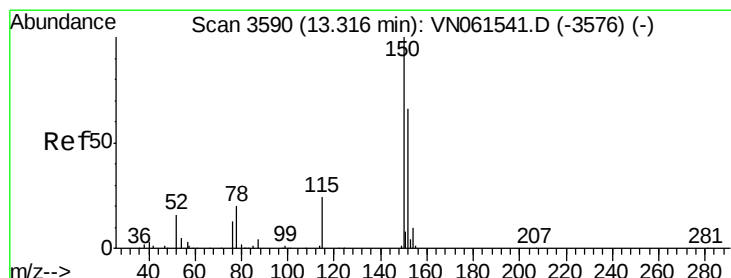
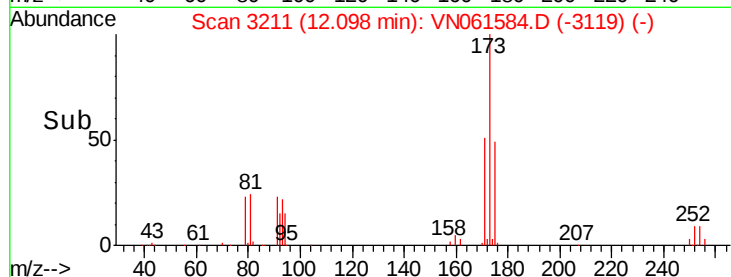
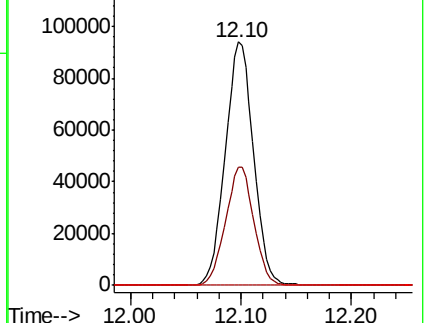
254 0.0 0.0 0.0



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# 3590

Delta R.T. -0.00 min

Lab File: VN061584.D

Acq: 1 Jun 2020 9:51

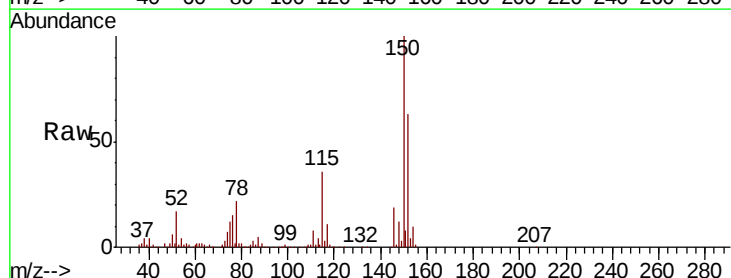
Tgt Ion:152 Resp: 307973

Ion Ratio Lower Upper

152 100

115 55.9 28.0 84.0

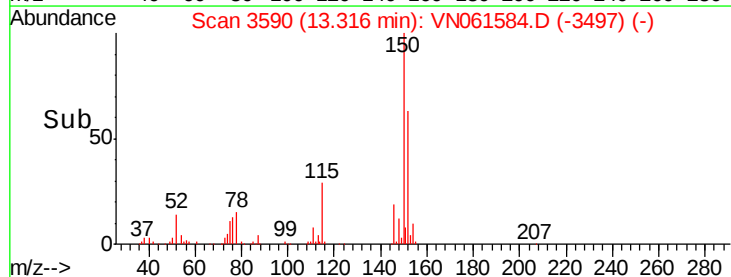
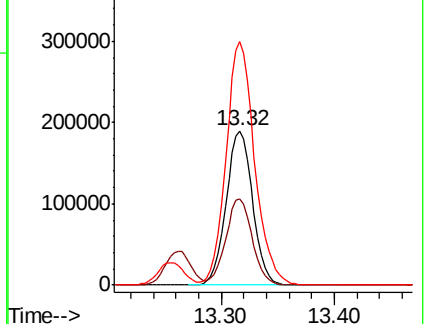
150 170.4 0.0 344.0

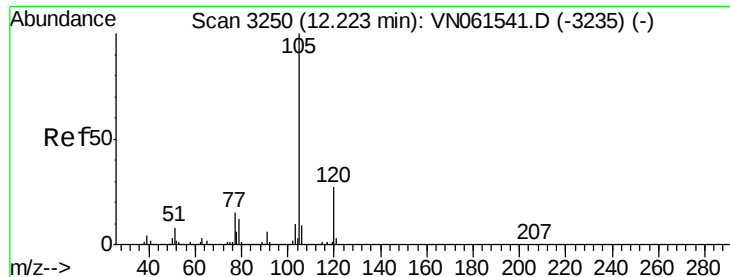


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 43.650 ug/l

RT: 12.22 min Scan# 3249

Delta R.T. -0.00 min

Lab File: VN061584.D

Acq: 1 Jun 2020 9:51

Instrument :

MSVOA_N

ClientSampleId :

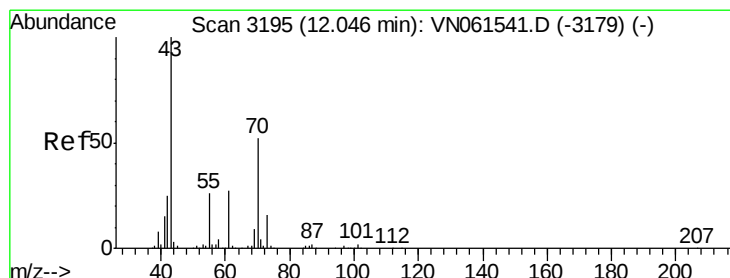
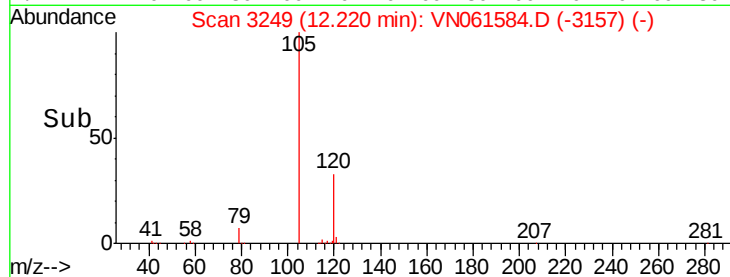
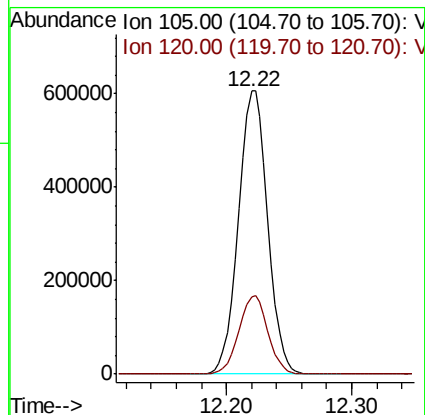
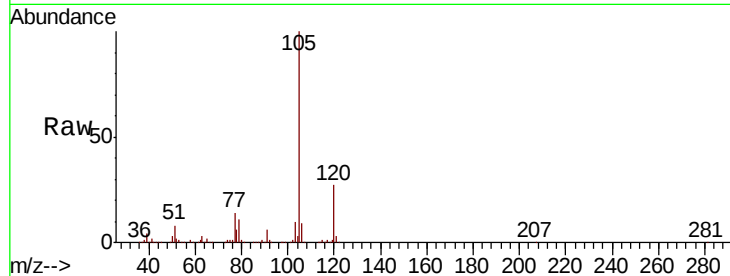
VSTDCCC050

Tot Ion:105 Resp: 981156

Ion Ratio Lower Upper

105 100

120 27.5 13.8 41.3



#74

N-ethyl acetate

Concen: 41.818 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN061584.D

Acq: 1 Jun 2020 9:51

Tgt Ion: 43 Resp: 296023

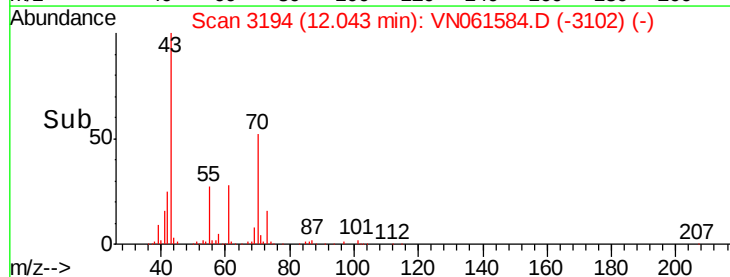
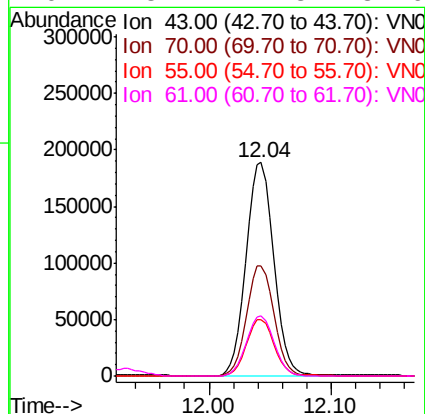
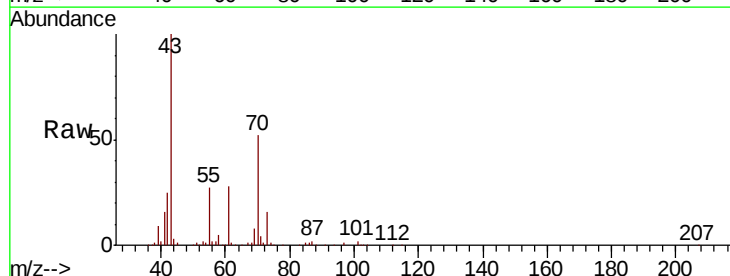
Ion Ratio Lower Upper

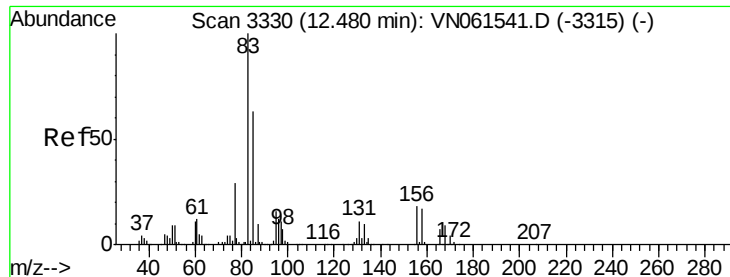
43 100

70 51.1 40.5 60.7

55 26.5 20.6 31.0

61 28.2 21.8 32.6





#75

1,1,2,2-Tetrachloroethane

Concen: 40.718 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN061584.D

Acq: 1 Jun 2020 9:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

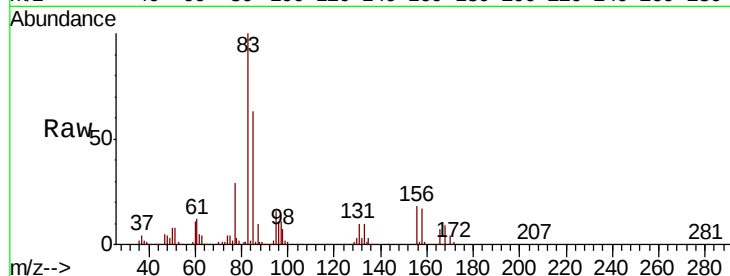
Tot Ion: 83 Resp: 256486

Ion Ratio Lower Upper

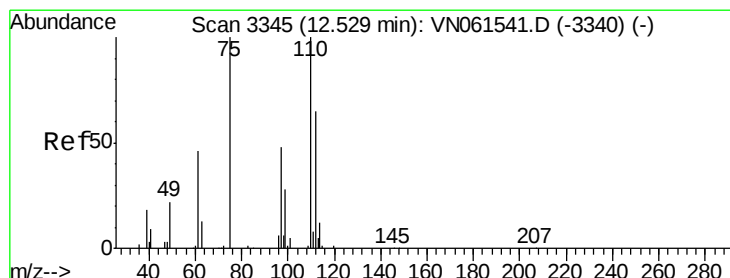
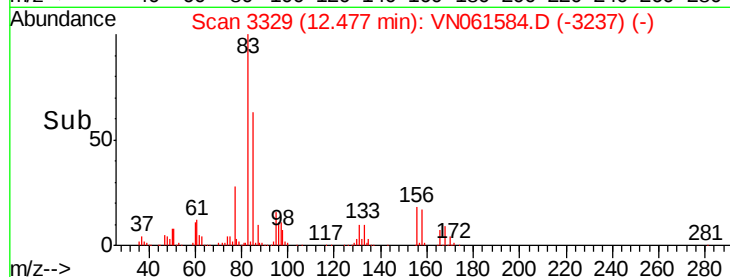
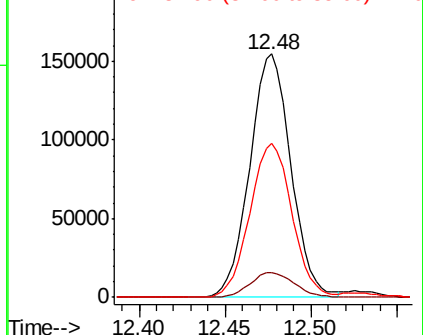
83 100

131 11.0 5.5 16.5

85 64.4 32.1 96.3



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



#76

1,2,3-Trichloropropane

Concen: 61.392 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN061584.D

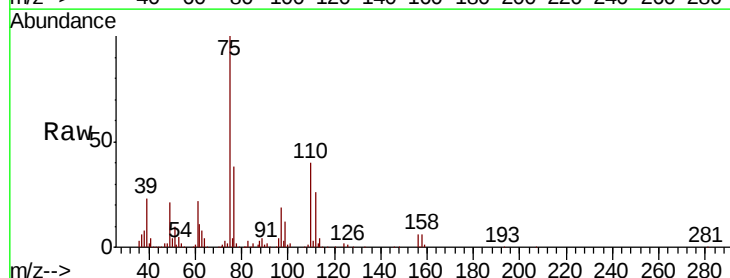
Acq: 1 Jun 2020 9:51

Tgt Ion: 75 Resp: 343806

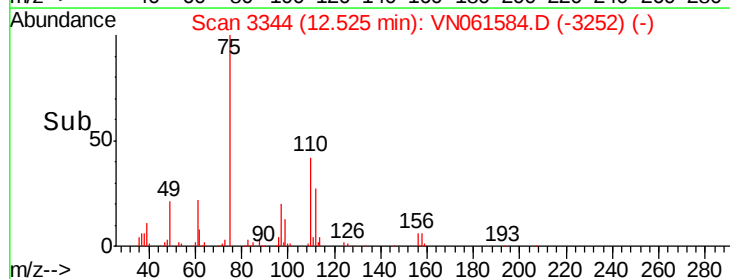
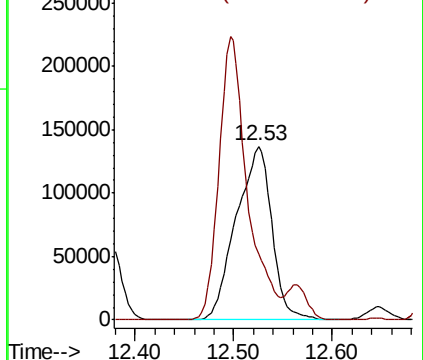
Ion Ratio Lower Upper

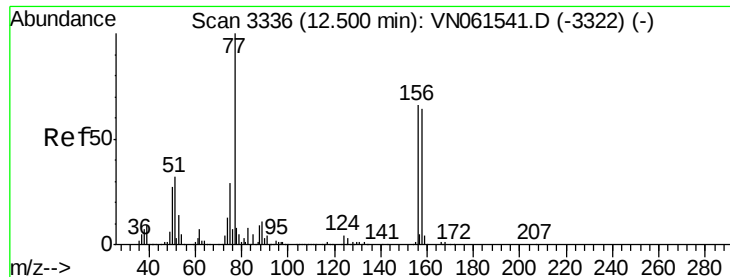
75 100

77 0.0 0.0 0.0



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





#77

Bromobenzene

Concen: 43.845 ug/l

RT: 12.50 min Scan# 3335

Delta R.T. -0.00 min

Lab File: VN061584.D

Acq: 1 Jun 2020 9:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

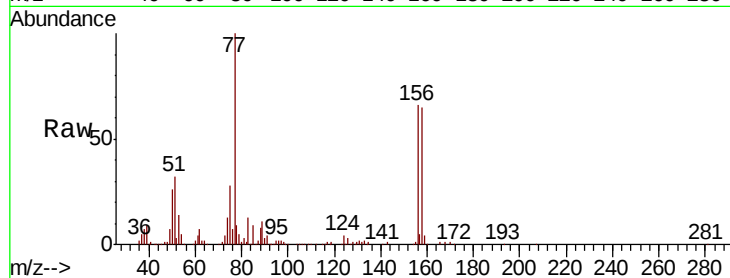
Tot Ion:156 Resp: 251569

Ion Ratio Lower Upper

156 100

77 179.9 90.9 272.7

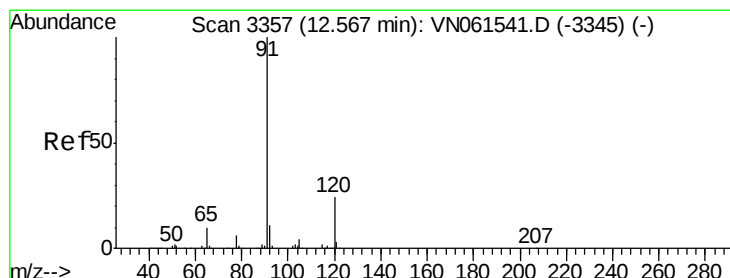
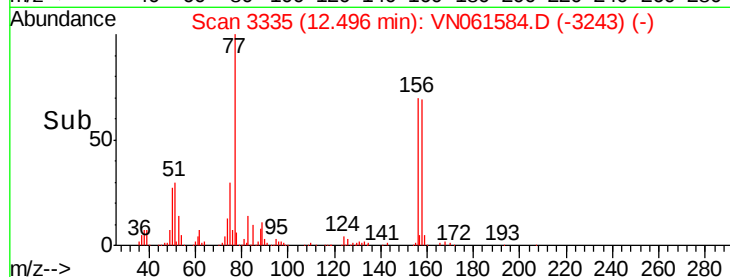
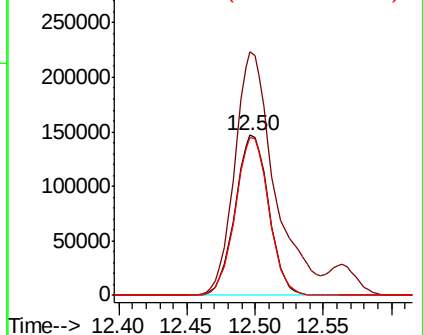
158 98.1 48.4 145.3



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: 44.477 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN061584.D

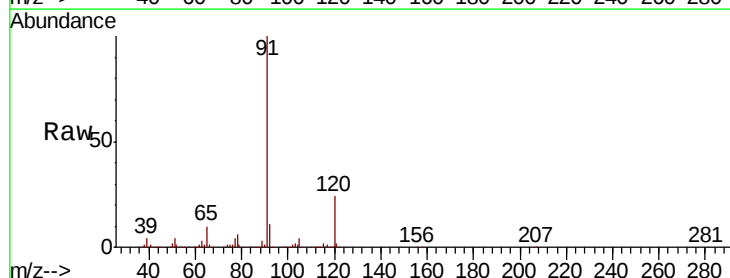
Acq: 1 Jun 2020 9:51

Tgt Ion: 91 Resp: 1116095

Ion Ratio Lower Upper

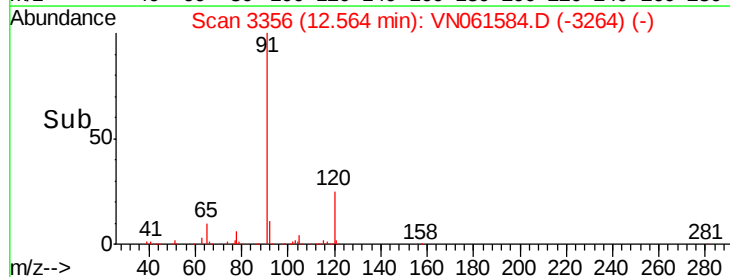
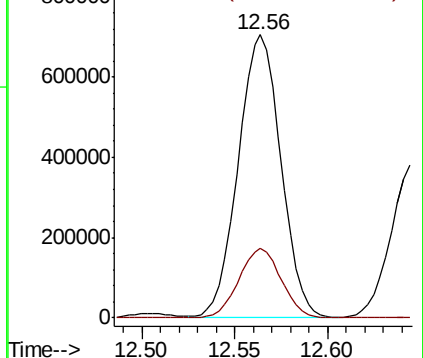
91 100

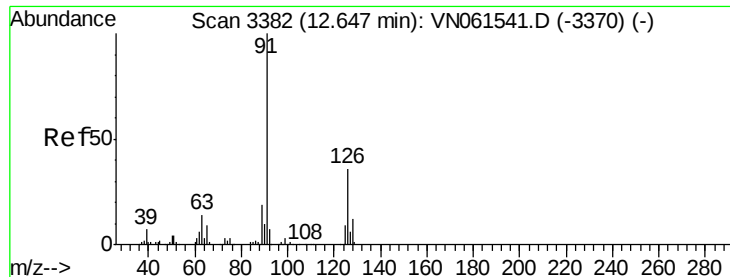
120 24.4 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

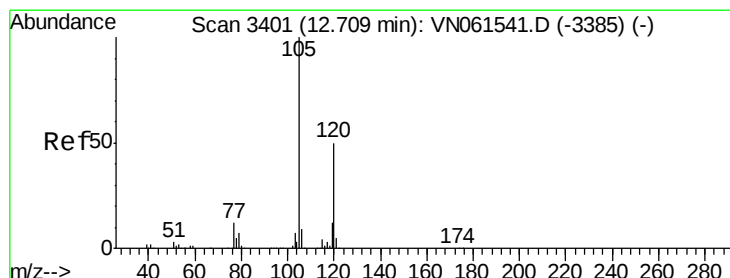
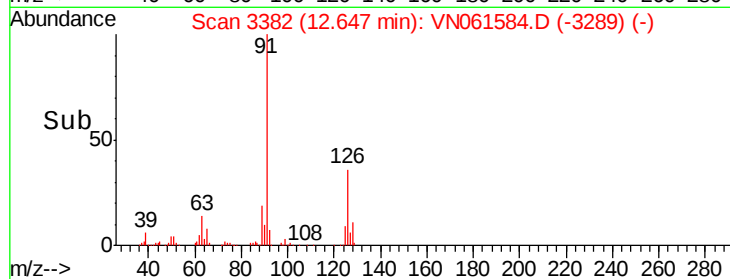
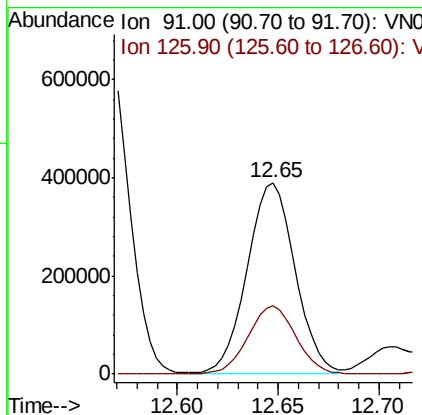
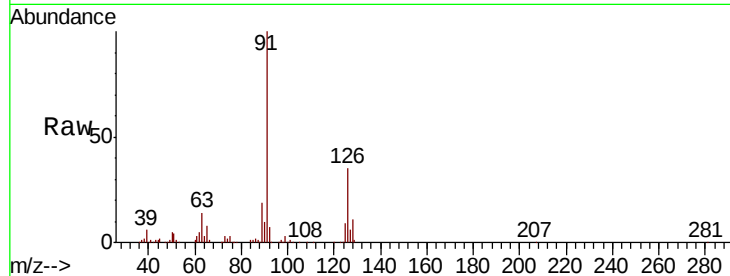




#79
 2-Chlorotoluene
 Concen: 42.932 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. -0.00 min
 Lab File: VN061584.D
 Acq: 1 Jun 2020 9:51

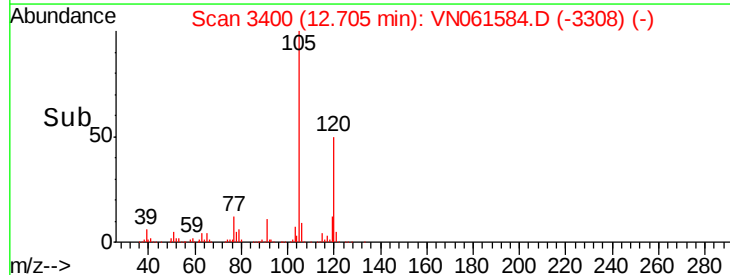
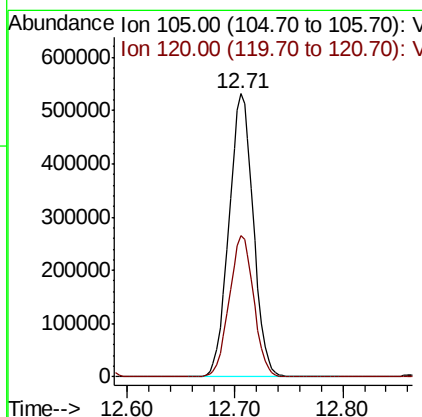
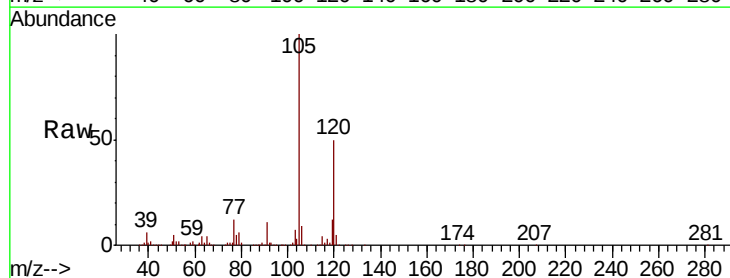
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

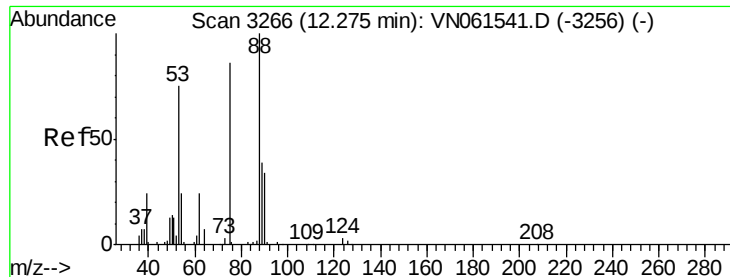
Tot Ion: 91 Resp: 642399
 Ion Ratio Lower Upper
 91 100
 126 36.0 17.9 53.7



#80
 1,3,5-Trimethylbenzene
 Concen: 44.483 ug/l
 RT: 12.71 min Scan# 3400
 Delta R.T. -0.00 min
 Lab File: VN061584.D
 Acq: 1 Jun 2020 9:51

Tgt Ion: 105 Resp: 835718
 Ion Ratio Lower Upper
 105 100
 120 50.3 25.1 75.2

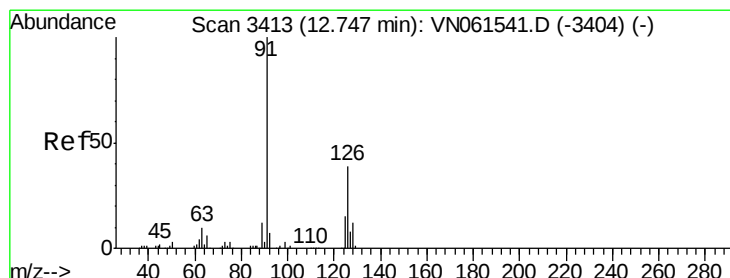
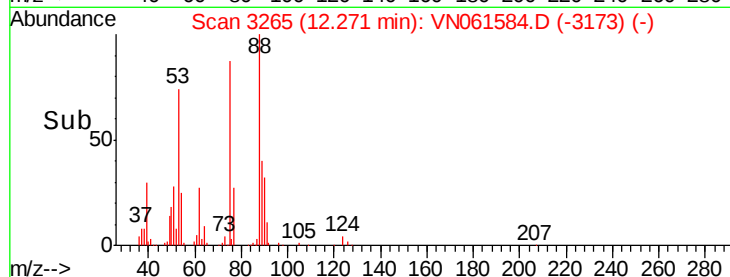
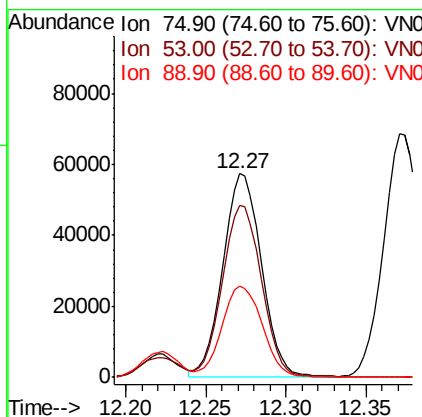
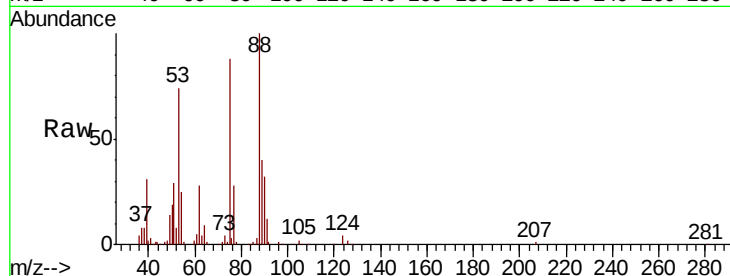




#81
trans-1,4-Dichloro-2-butene
Concen: 43.407 ug/l
RT: 12.27 min Scan# 3265
Delta R.T. -0.00 min
Lab File: VN061584.D
Acq: 1 Jun 2020 9:51

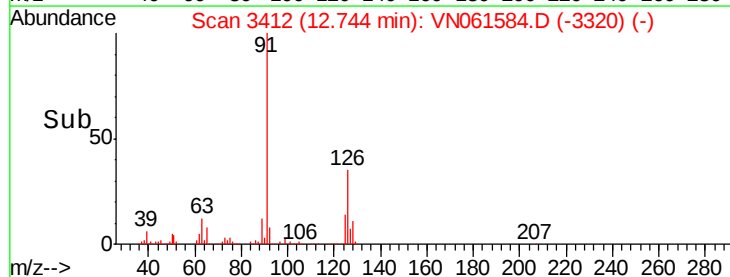
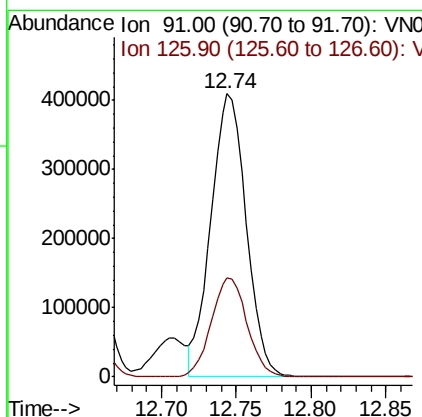
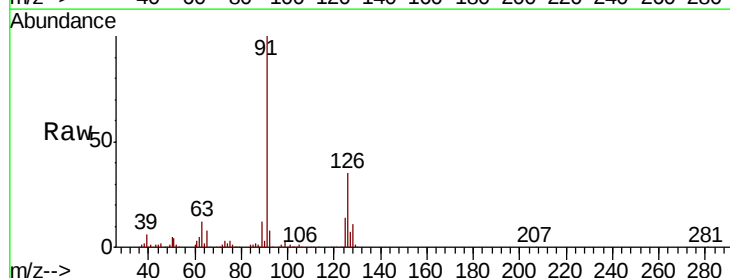
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

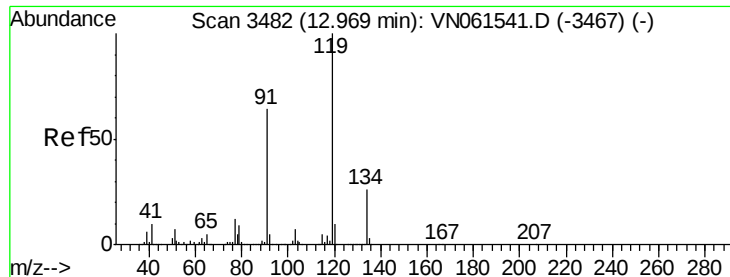
Tot Ion: 75 Resp: 95057
Ion Ratio Lower Upper
75 100
53 84.2 67.8 101.8
89 47.0 37.1 55.7



#82
4-Chlorotoluene
Concen: 42.627 ug/l
RT: 12.74 min Scan# 3412
Delta R.T. -0.00 min
Lab File: VN061584.D
Acq: 1 Jun 2020 9:51

Tgt Ion: 91 Resp: 671011
Ion Ratio Lower Upper
91 100
126 35.6 17.5 52.6

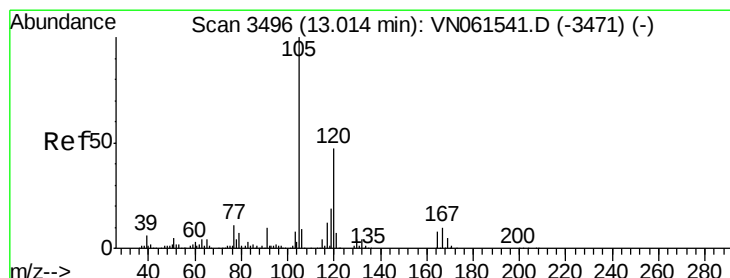
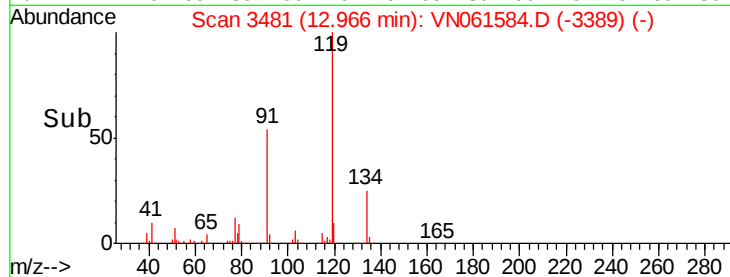
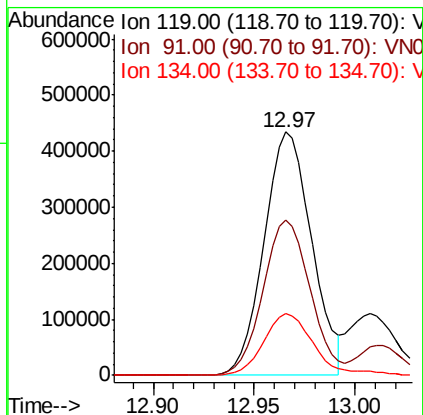
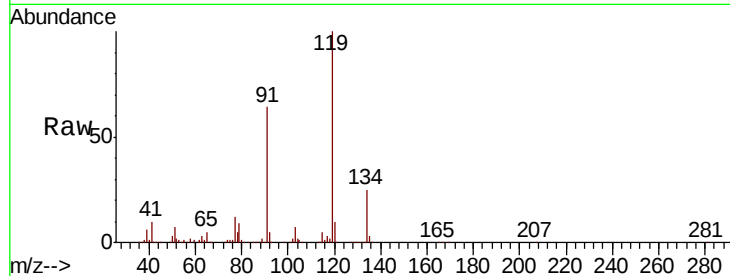




#83
tert-Butylbenzene
Concen: 42.996 ug/l
RT: 12.97 min Scan# 3481
Delta R.T. -0.00 min
Lab File: VN061584.D
Acq: 1 Jun 2020 9:51

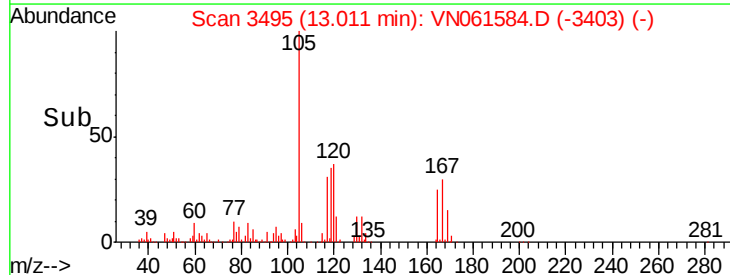
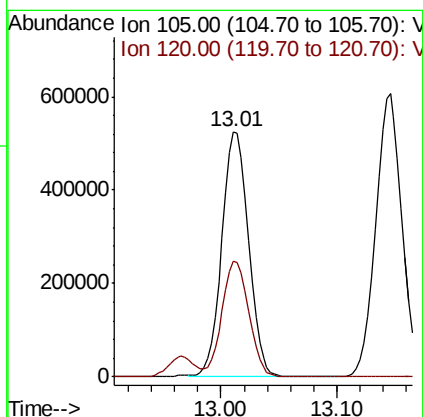
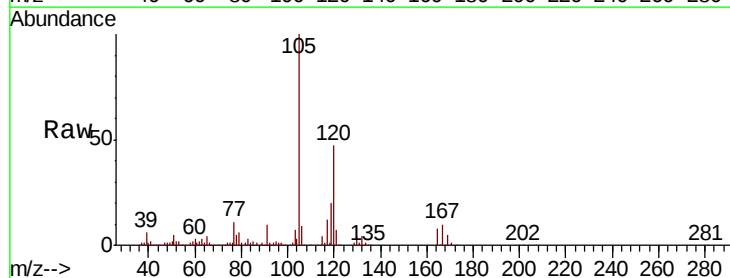
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

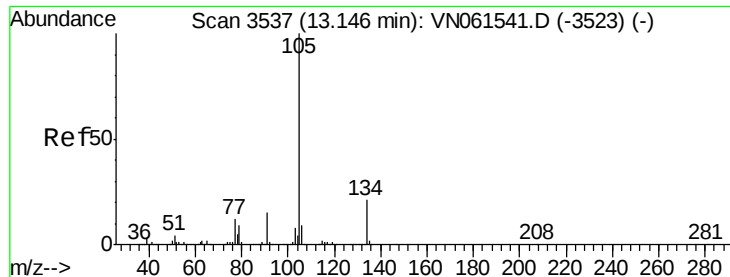
Tot Ion:119 Resp: 713714
Ion Ratio Lower Upper
119 100
91 63.1 31.3 93.8
134 26.7 13.5 40.4



#84
1,2,4-Trimethylbenzene
Concen: 44.764 ug/l
RT: 13.01 min Scan# 3495
Delta R.T. -0.00 min
Lab File: VN061584.D
Acq: 1 Jun 2020 9:51

Tgt Ion:105 Resp: 835488
Ion Ratio Lower Upper
105 100
120 47.4 23.2 69.5

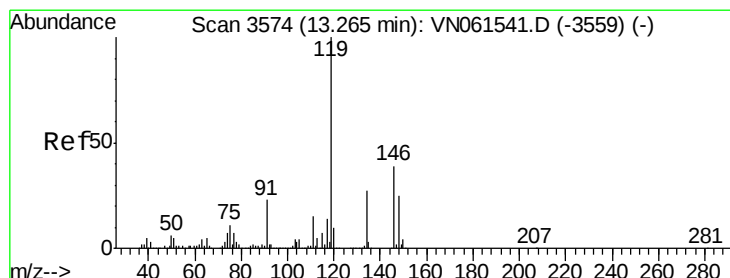
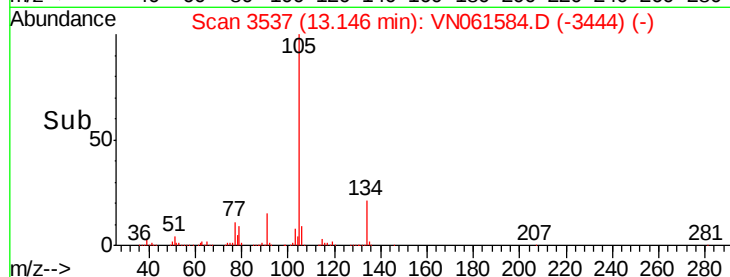
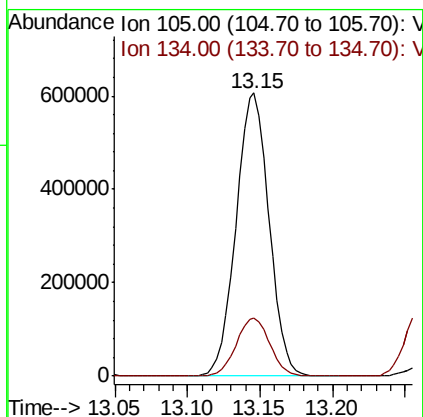
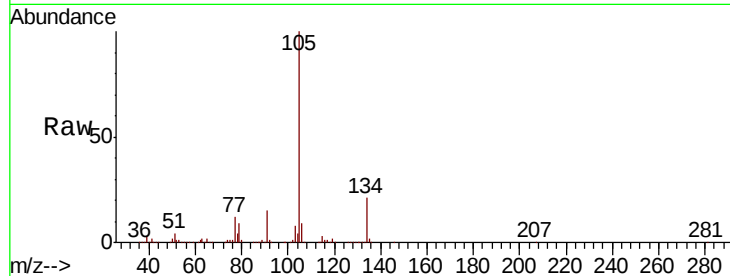




#85
 sec-Butylbenzene
 Concen: 44.699 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. -0.00 min
 Lab File: VN061584.D
 Acq: 1 Jun 2020 9:51

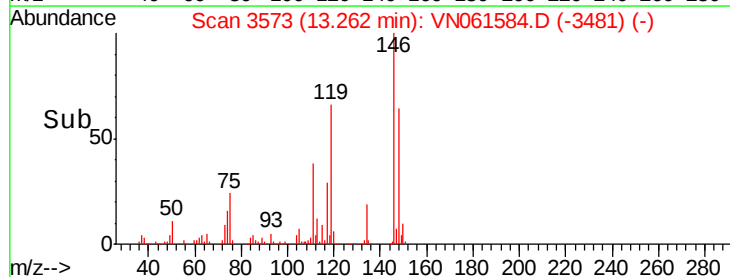
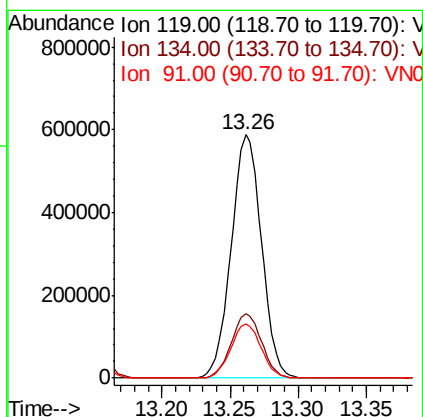
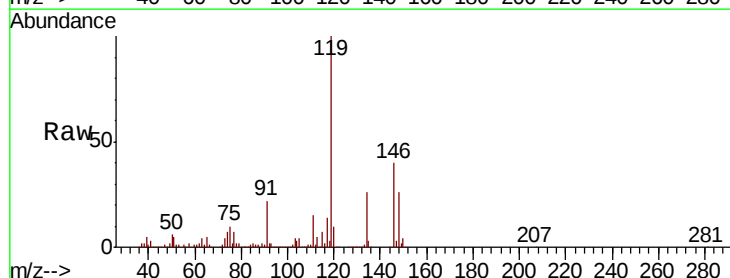
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

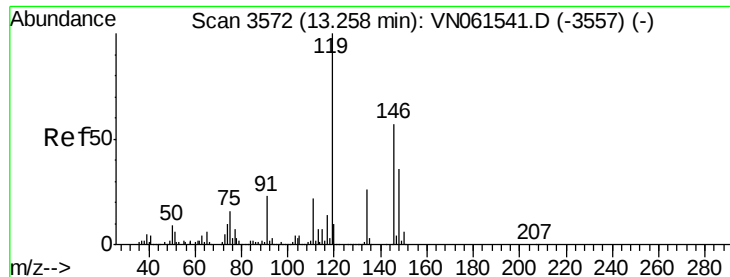
Tot Ion:105 Resp: 956100
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.7 31.9



#86
 p-Isopropyltoluene
 Concen: 45.803 ug/l
 RT: 13.26 min Scan# 3573
 Delta R.T. -0.00 min
 Lab File: VN061584.D
 Acq: 1 Jun 2020 9:51

Tgt Ion:119 Resp: 902247
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.5 40.5
 91 22.3 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 44.825 ug/l

RT: 13.26 min Scan# 3571

Delta R.T. -0.00 min

Lab File: VN061584.D

Acq: 1 Jun 2020 9:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

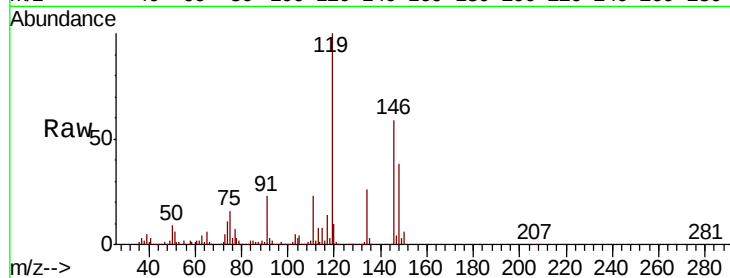
Tot Ion:146 Resp: 455436

Ion Ratio Lower Upper

146 100

111 38.2 19.2 57.6

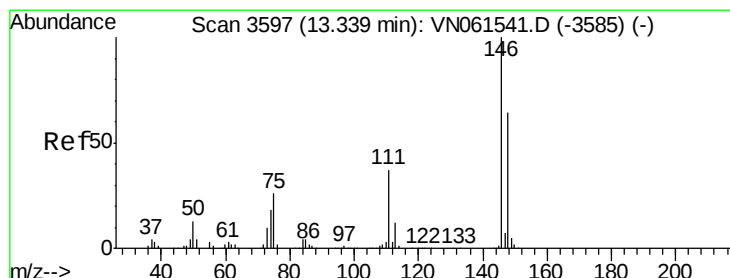
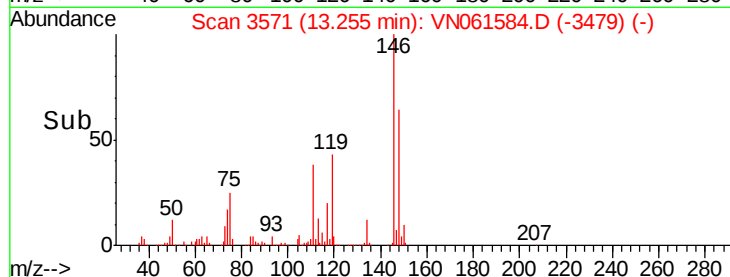
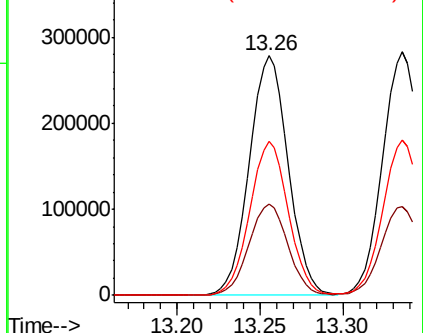
148 63.6 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 44.505 ug/l

RT: 13.34 min Scan# 3596

Delta R.T. -0.00 min

Lab File: VN061584.D

Acq: 1 Jun 2020 9:51

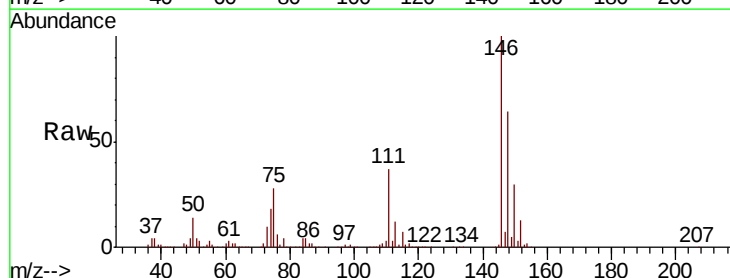
Tgt Ion:146 Resp: 460654

Ion Ratio Lower Upper

146 100

111 37.2 18.9 56.9

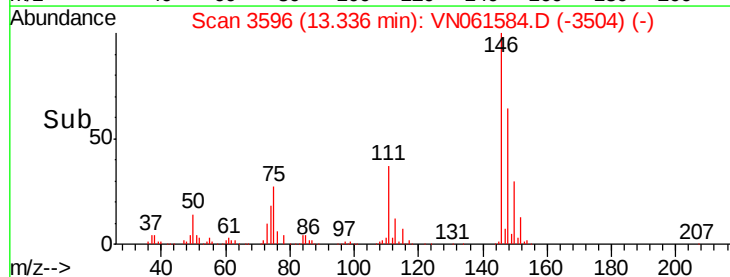
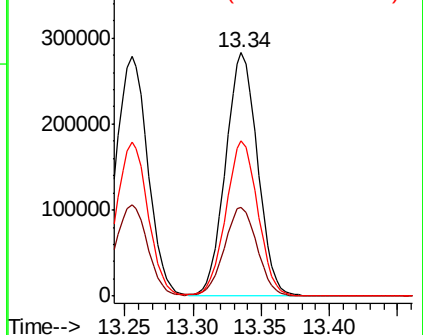
148 64.1 31.8 95.3

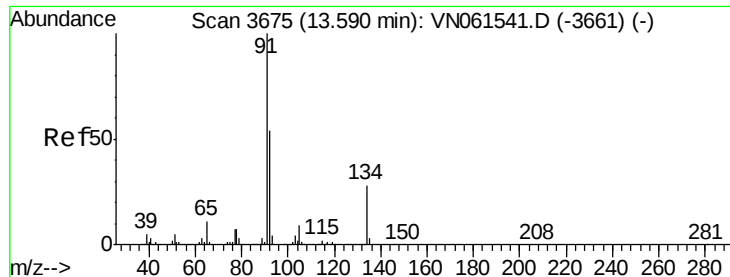


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 46.434 ug/l

RT: 13.59 min Scan# 3674

Delta R.T. -0.00 min

Lab File: VN061584.D

Acq: 1 Jun 2020 9:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

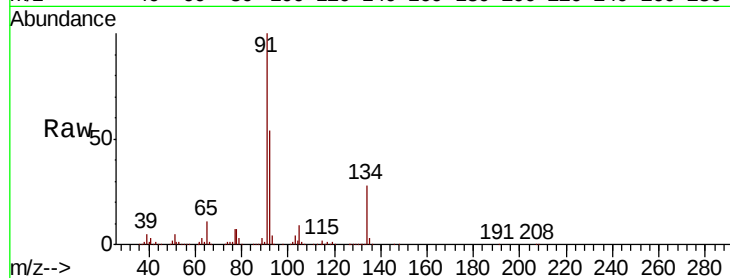
Tot Ion: 91 Resp: 766125

Ion Ratio Lower Upper

91 100

92 53.9 27.2 81.6

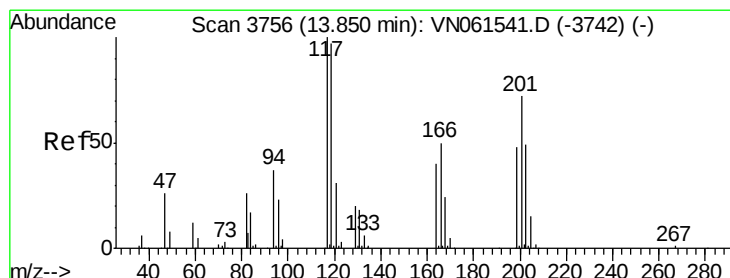
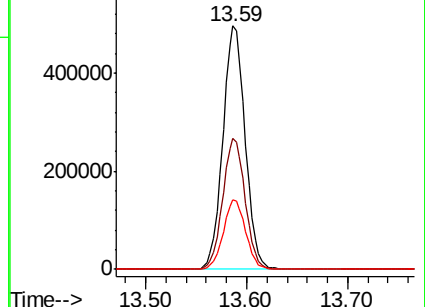
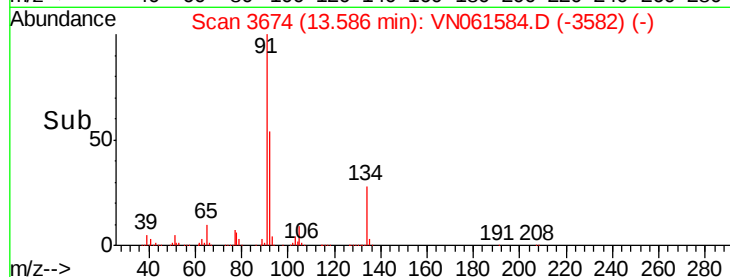
134 28.5 14.0 42.0



Abundance Ion 91.00 (90.70 to 91.70): VN061541.D (-3661) (-)

Ion 92.00 (91.70 to 92.70): VN061541.D (-3661) (-)

Ion 134.00 (133.70 to 134.70): VN061541.D (-3661) (-)



#90

Hexachloroethane

Concen: 54.941 ug/l

RT: 13.85 min Scan# 3755

Delta R.T. -0.00 min

Lab File: VN061584.D

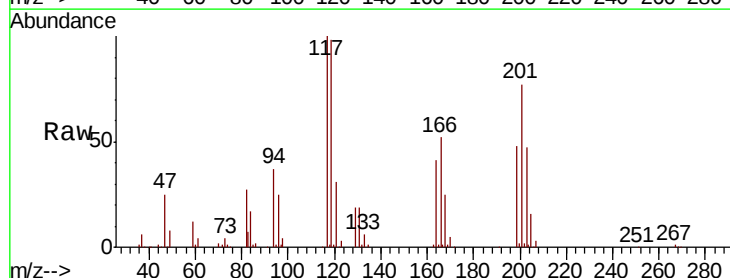
Acq: 1 Jun 2020 9:51

Tgt Ion: 117 Resp: 119688

Ion Ratio Lower Upper

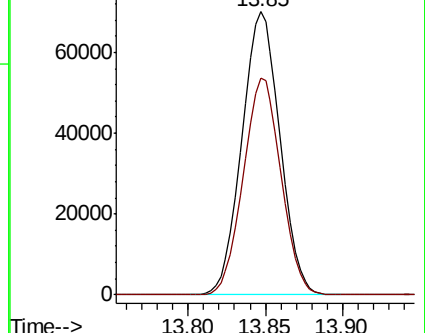
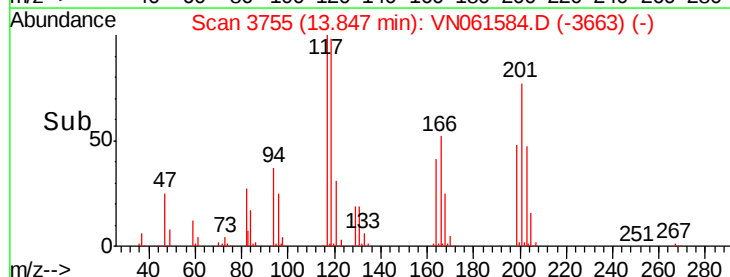
117 100

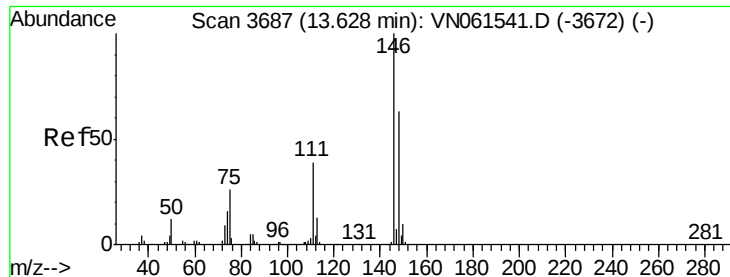
201 76.1 36.7 110.1



Abundance Ion 116.80 (116.50 to 117.50): VN061541.D (-3742) (-)

Ion 200.70 (200.40 to 201.40): VN061541.D (-3742) (-)

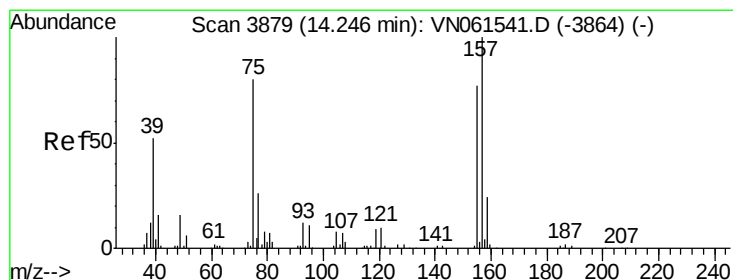
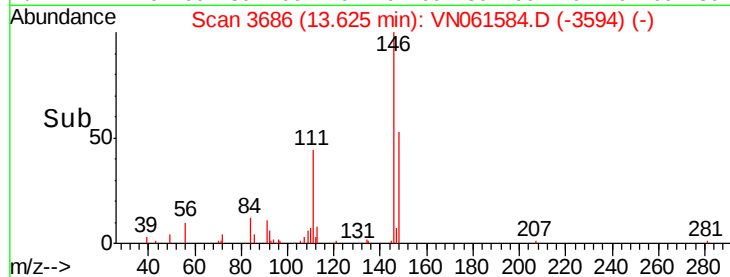
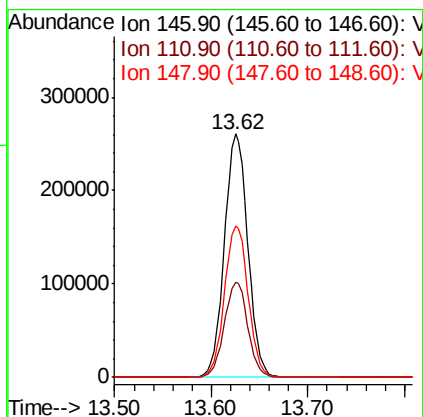
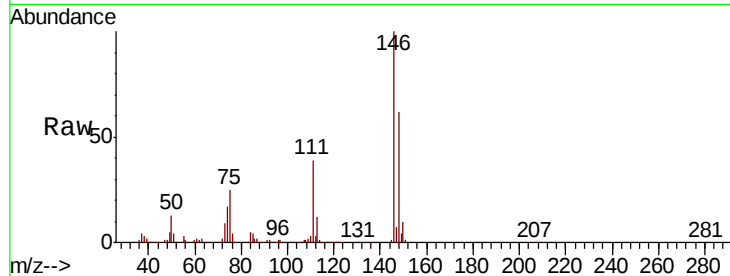




#91
 1,2-Dichlorobenzene
 Concen: 45.142 ug/l
 RT: 13.62 min Scan# 3686
 Delta R.T. -0.00 min
 Lab File: VN061584.D
 Acq: 1 Jun 2020 9:51

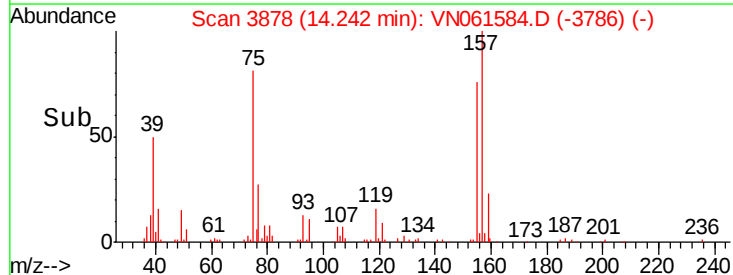
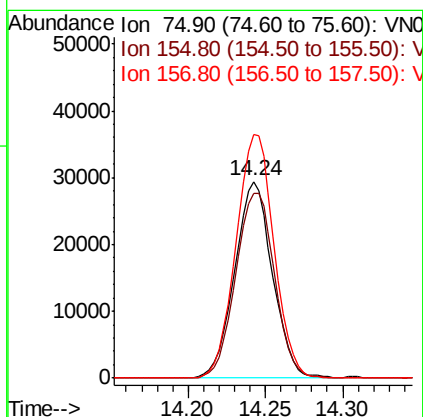
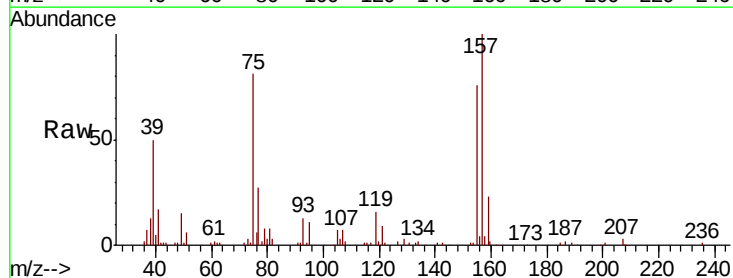
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:146 Resp: 438321
 Ion Ratio Lower Upper
 146 100
 111 39.3 20.1 60.2
 148 62.9 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 38.834 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. -0.00 min
 Lab File: VN061584.D
 Acq: 1 Jun 2020 9:51

Tgt Ion: 75 Resp: 49888
 Ion Ratio Lower Upper
 75 100
 155 97.0 47.1 141.4
 157 124.4 60.3 180.8

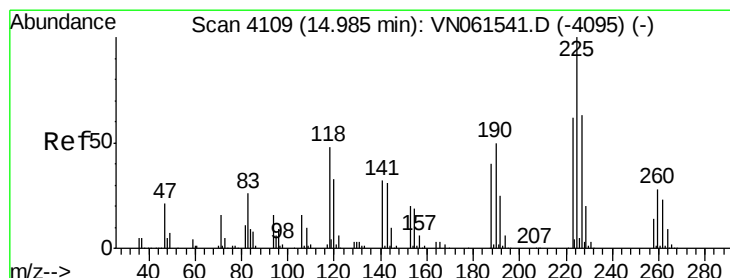
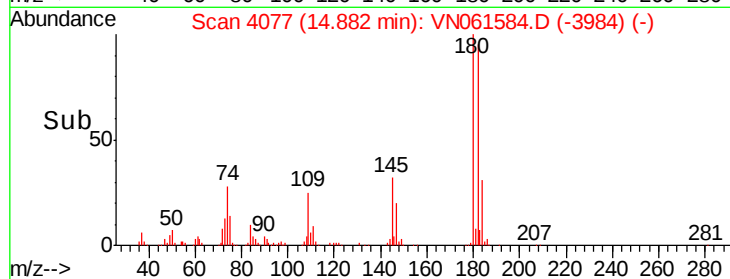
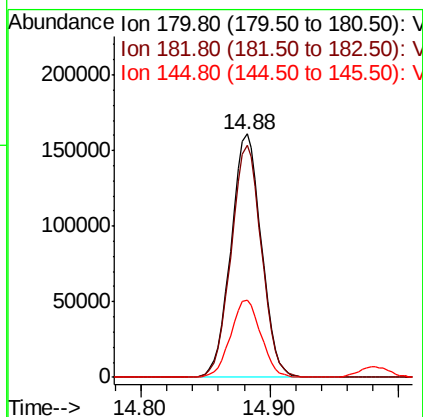
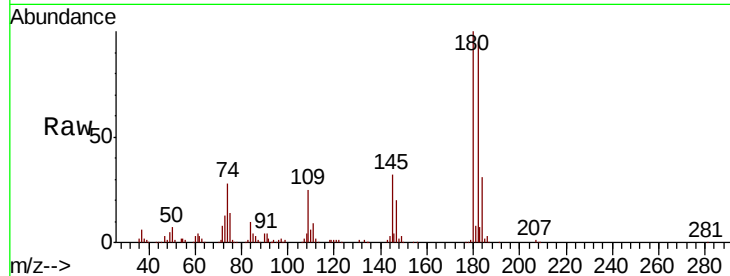




#93
 1,2,4-Trichlorobenzene
 Concen: 46.432 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN061584.D
 Acq: 1 Jun 2020 9:51

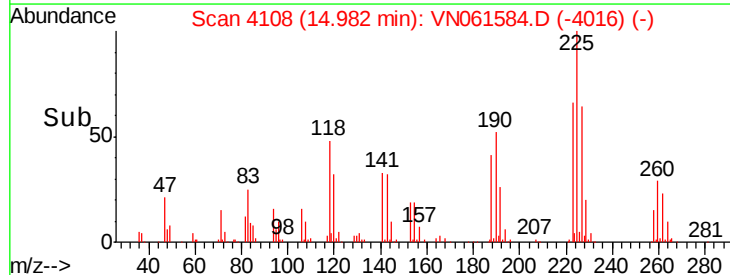
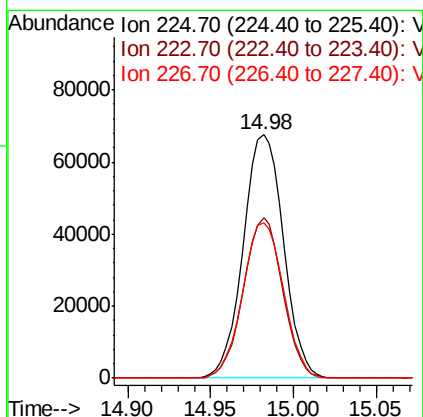
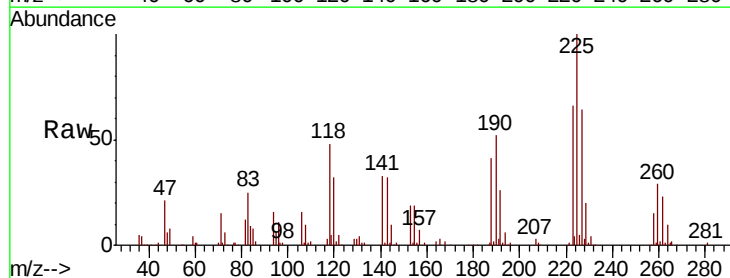
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

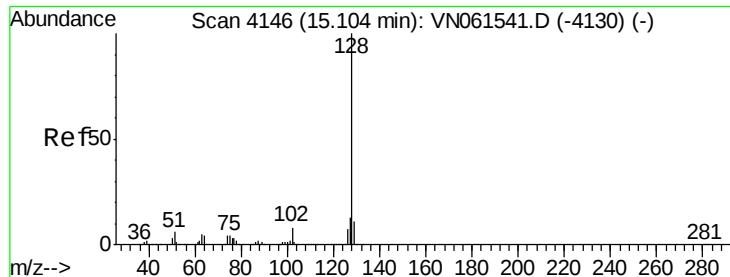
Tot Ion:180 Resp: 263672
 Ion Ratio Lower Upper
 180 100
 182 95.1 47.8 143.3
 145 31.5 15.5 46.5



#94
 Hexachlorobutadiene
 Concen: 47.343 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN061584.D
 Acq: 1 Jun 2020 9:51

Tgt Ion:225 Resp: 114659
 Ion Ratio Lower Upper
 225 100
 223 64.1 31.9 95.5
 227 64.7 31.9 95.9

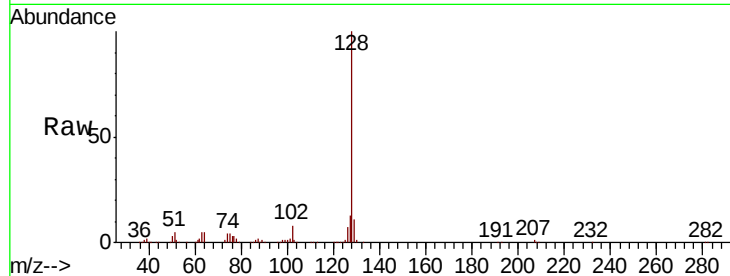




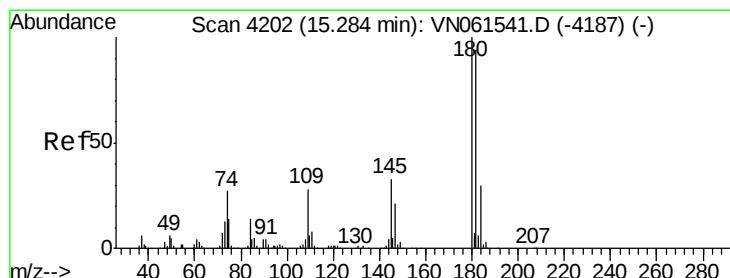
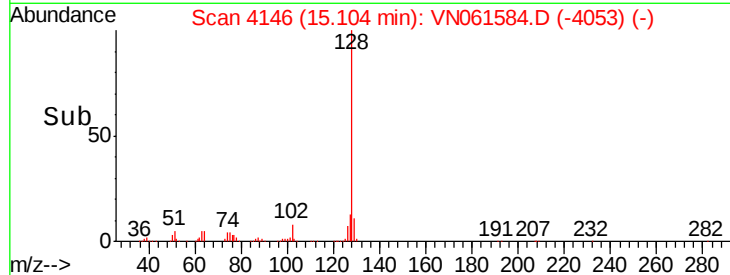
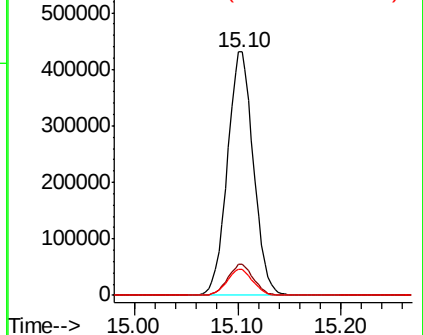
#95
Naphthalene
Concen: 43.794 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN061584.D
Acq: 1 Jun 2020 9:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 756955
Ion Ratio Lower Upper
128 100
127 12.5 10.0 15.0
129 10.7 8.5 12.7

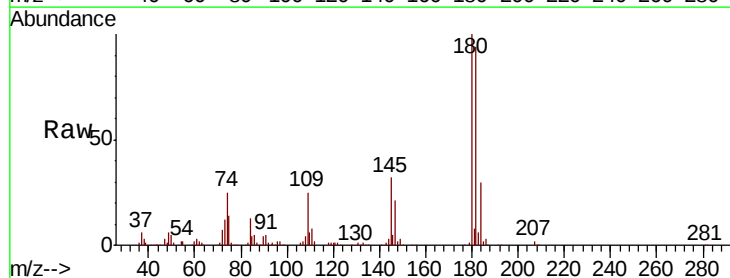


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 45.847 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN061584.D
Acq: 1 Jun 2020 9:51

Tgt Ion:180 Resp: 255974
Ion Ratio Lower Upper
180 100
182 95.1 47.1 141.3
145 32.7 16.3 48.9



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

