

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111720\
 Data File : VN064697.D
 Acq On : 17 Nov 2020 21:55
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 18 01:52:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	279572	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	490699	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	486418	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	242476	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	236028	48.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.94%	
35) Dibromofluoromethane	7.55	113	157554	47.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.32%	
50) Toluene-d8	10.06	98	618195	47.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.74%	
62) 4-Bromofluorobenzene	12.37	95	243960	49.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.92%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	154964	42.581	ug/l	99
3) Chloromethane	2.04	50	171207	38.731	ug/l	98
4) Vinyl Chloride	2.17	62	187319	41.265	ug/l	98
5) Bromomethane	2.53	94	134148	46.259	ug/l	96
6) Chloroethane	2.68	64	132568	45.614	ug/l	98
7) Trichlorofluoromethane	2.99	101	352050	52.669	ug/l	99
8) Diethyl Ether	3.37	74	117168	49.638	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.71	101	149674	47.154	ug/l	99
10) Methyl Iodide	3.91	142	182325	49.434	ug/l	99
11) Tert butyl alcohol	4.74	59	111362	207.367	ug/l #	84
12) 1,1-Dichloroethene	3.70	96	140664	47.046	ug/l	93
13) Acrolein	3.57	56	18127	54.417	ug/l	95
14) Allyl chloride	4.28	41	243415	41.617	ug/l	95
15) Acrylonitrile	4.93	53	355736	237.927	ug/l	99
16) Acetone	3.78	43	331825	178.885	ug/l	98
17) Carbon Disulfide	4.01	76	381756	42.695	ug/l	100
18) Methyl Acetate	4.28	43	193586	53.084	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	507627	47.172	ug/l	99
20) Methylene Chloride	4.50	84	171544	46.610	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	159117	46.870	ug/l	97
22) Diisopropyl ether	5.90	45	561003	45.185	ug/l	98
23) Vinyl Acetate	5.85	43	2284125	226.145	ug/l	98
24) 1,1-Dichloroethane	5.80	63	313855	46.002	ug/l	100
25) 2-Butanone	6.78	43	491184	207.822	ug/l	94
26) 2,2-Dichloropropane	6.78	77	272928	44.191	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	185506	47.157	ug/l	97
28) Bromochloromethane	7.15	49	147637	44.024	ug/l	96
29) Tetrahydrofuran	7.17	42	326882	225.428	ug/l	97
30) Chloroform	7.33	83	351110	48.959	ug/l	100
31) Cyclohexane	7.61	56	233089	39.375	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	312902	49.193	ug/l	98
36) 1,1-Dichloropropene	7.75	75	242030	46.689	ug/l	98
37) Ethyl Acetate	6.88	43	215364	41.072	ug/l	98
38) Carbon Tetrachloride	7.73	117	272529	49.190	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	210379	45.272	ug/l	99
40) Benzene	8.00	78	705086	46.287	ug/l	99
41) Methacrylonitrile	7.12	41	95810	41.688	ug/l	98
42) 1,2-Dichloroethane	8.08	62	305084	49.628	ug/l	100
43) Isopropyl Acetate	8.13	43	412062	49.049	ug/l	99
44) Trichloroethene	8.80	130	199890	52.011	ug/l	100
45) 1,2-Dichloropropane	9.08	63	193701	47.657	ug/l	98
46) Dibromomethane	9.17	93	137799	51.502	ug/l	96
47) Bromodichloromethane	9.37	83	289117	50.254	ug/l	97
48) Methyl methacrylate	9.16	41	196950	46.460	ug/l	97
49) 1,4-Dioxane	9.17	88	47493	850.589	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	1170556	238.929	ug/l	100
52) Toluene	10.12	92	456106	49.092	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	319878	52.445	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	309144	47.406	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	184269	50.856	ug/l	99
56) Ethyl methacrylate	10.40	69	273748	46.070	ug/l	97
57) 1,3-Dichloropropane	10.68	76	317653	50.226	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	704881	250.211	ug/l	96
59) 2-Hexanone	10.72	43	873091	219.053	ug/l	99
60) Dibromochloromethane	10.87	129	226532	55.841	ug/l	98
61) 1,2-Dibromoethane	10.98	107	199511	54.285	ug/l	100
64) Tetrachloroethene	10.60	164	219422	58.561	ug/l	98
65) Chlorobenzene	11.40	112	507829	47.624	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	196541	49.406	ug/l	98
67) Ethyl Benzene	11.48	91	916702	48.331	ug/l	99
68) m/p-Xylenes	11.59	106	681661	99.097	ug/l	100
69) o-Xylene	11.92	106	319341	48.043	ug/l	99
70) Styrene	11.94	104	570600	51.014	ug/l	98
71) Bromoform	12.10	173	141576	47.463	ug/l #	100
73) Isopropylbenzene	12.22	105	840818	43.627	ug/l	100
74) N-amyl acetate	12.04	43	391248	42.055	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	223086	37.686	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	369826	62.949	ug/l #	100
77) Bromobenzene	12.50	156	205267	43.624	ug/l	99
78) n-propylbenzene	12.56	91	1000682	45.543	ug/l	99
79) 2-Chlorotoluene	12.65	91	624411	44.806	ug/l	100
80) 1,3,5-Trimethylbenzene	12.70	105	723712	45.518	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	87017	41.355	ug/l	96
82) 4-Chlorotoluene	12.75	91	671519	46.012	ug/l	99
83) tert-Butylbenzene	12.97	119	568254	45.762	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	755552	47.271	ug/l	100
85) sec-Butylbenzene	13.14	105	751479	47.784	ug/l	98
86) p-Isopropyltoluene	13.26	119	701128	49.564	ug/l	99
87) 1,3-Dichlorobenzene	13.25	146	386055	47.463	ug/l	100
88) 1,4-Dichlorobenzene	13.33	146	388532	46.223	ug/l	99
89) n-Butylbenzene	13.59	91	620949	51.054	ug/l	99
90) Hexachloroethane	13.85	117	101080	37.042	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	383200	48.978	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	58786	49.878	ug/l	96

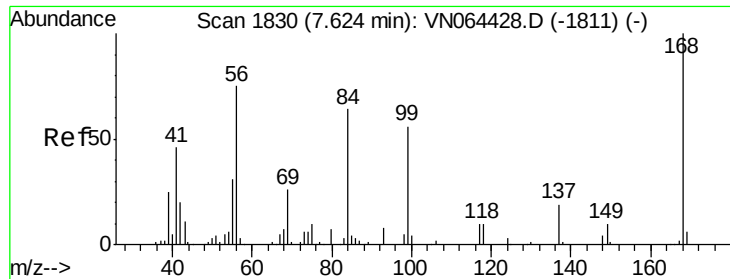
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Quant Title : SW846 8260
QLast Update : Wed Nov 04 12:09:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	204160	52.340	ug/l	100
94) Hexachlorobutadiene	14.98	225	83014	52.113	ug/l	99
95) Naphthalene	15.10	128	666214	50.088	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	196187	52.001	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064697.D

Acq: 17 Nov 2020 21:55

Instrument :

MSVOA_N

ClientSampleId :

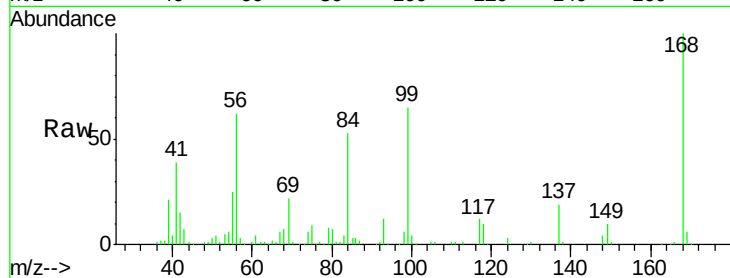
VSTDCCC050EC

Tot Ion:168 Resp: 279572

Ion Ratio Lower Upper

168 100

99 64.7 53.4 80.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

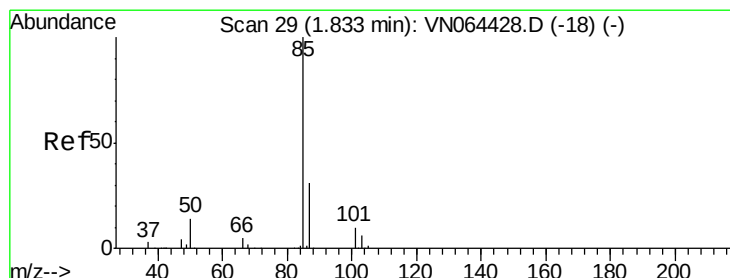
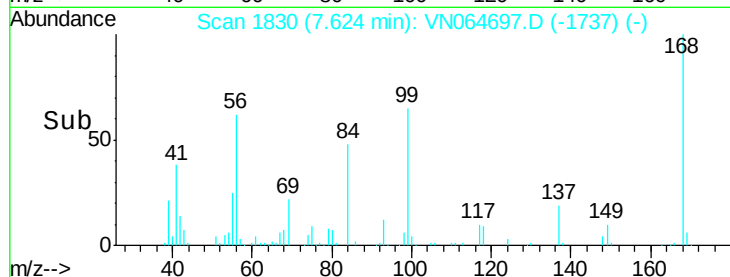
7.62

100000

50000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 42.581 ug/l

RT: 1.83 min Scan# 29

Delta R.T. -0.00 min

Lab File: VN064697.D

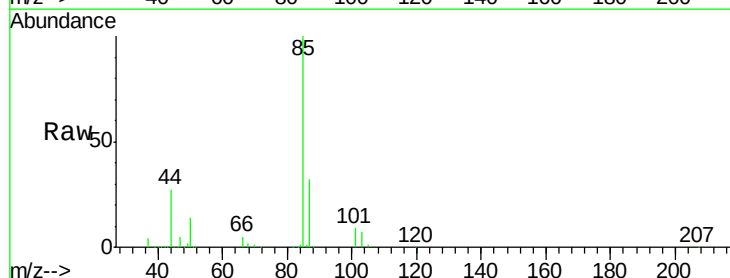
Acq: 17 Nov 2020 21:55

Tgt Ion: 85 Resp: 154964

Ion Ratio Lower Upper

85 100

87 32.2 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

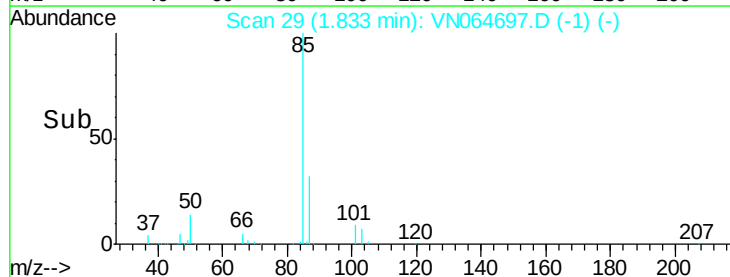
1.83

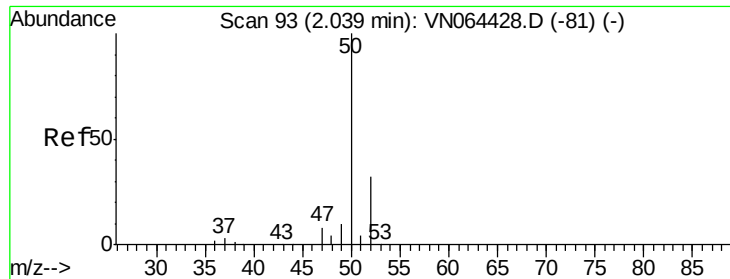
100000

50000

0

Time--> 1.75 1.80 1.85 1.90 1.95





#3

Chloromethane

Concen: 38.731 ug/l

RT: 2.04 min Scan# 93

Delta R.T. -0.00 min

Lab File: VN064697.D

Acq: 17 Nov 2020 21:55

Instrument :

MSVOA_N

ClientSampleId :

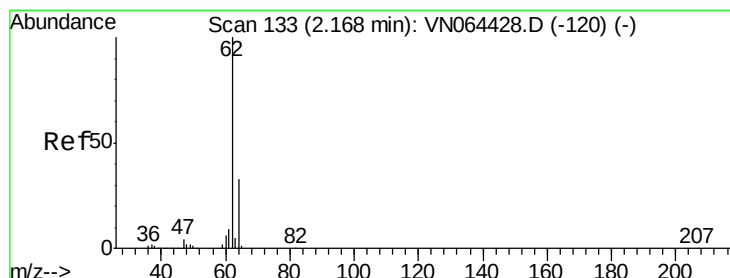
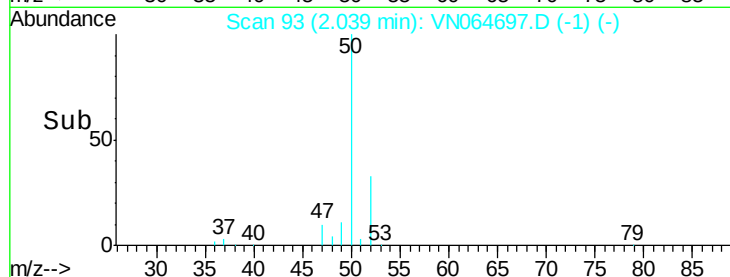
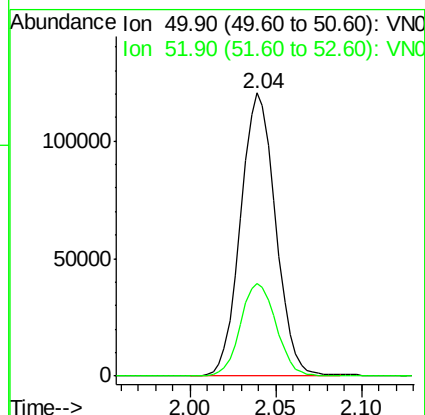
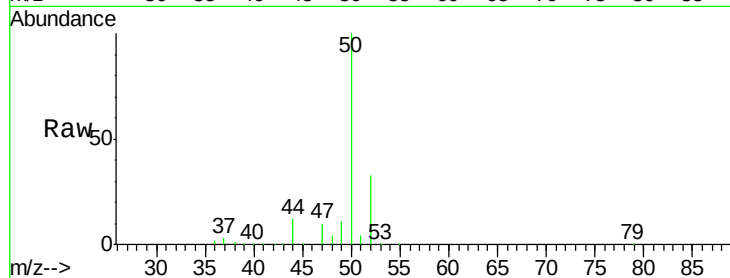
VSTDCCC050EC

Tot Ion: 50 Resp: 171207

Ion Ratio Lower Upper

50 100

52 32.9 25.3 37.9



#4

Vinyl Chloride

Concen: 41.265 ug/l

RT: 2.17 min Scan# 133

Delta R.T. -0.00 min

Lab File: VN064697.D

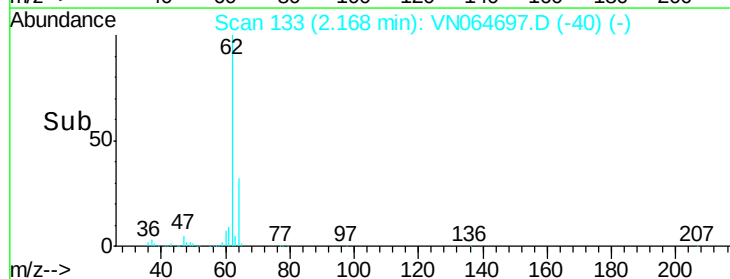
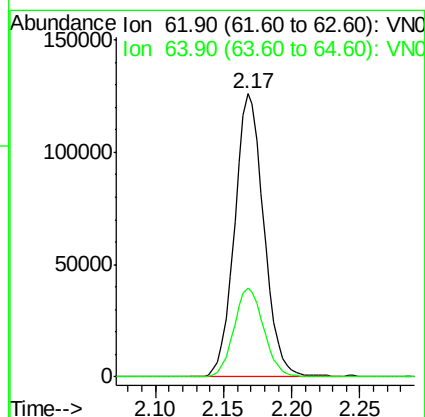
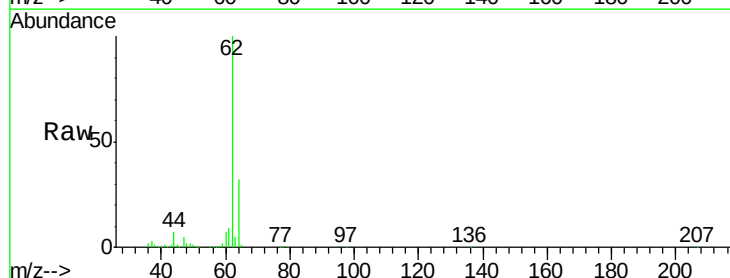
Acq: 17 Nov 2020 21:55

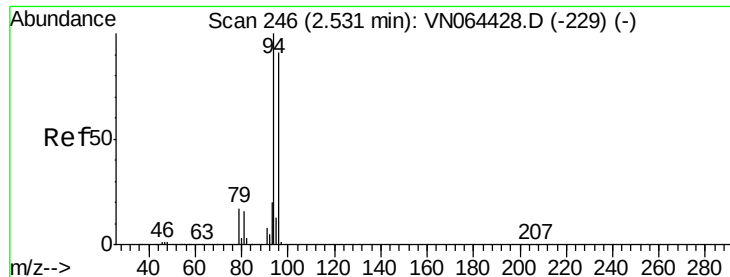
Tgt Ion: 62 Resp: 187319

Ion Ratio Lower Upper

62 100

64 31.5 26.3 39.5





#5

Bromomethane

Concen: 46.259 ug/l

RT: 2.53 min Scan# 247

Delta R.T. 0.00 min

Lab File: VN064697.D

Acq: 17 Nov 2020 21:55

Instrument :

MSVOA_N

ClientSampleId :

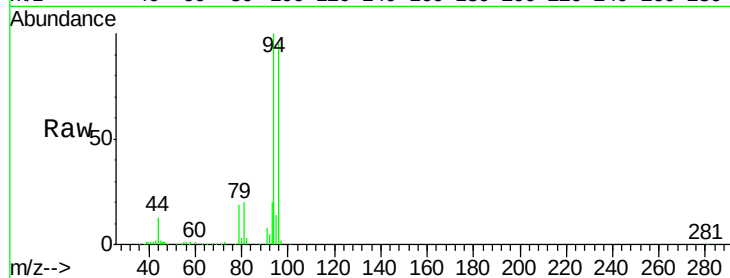
VSTDCCC050EC

Tot Ion: 94 Resp: 134148

Ion Ratio Lower Upper

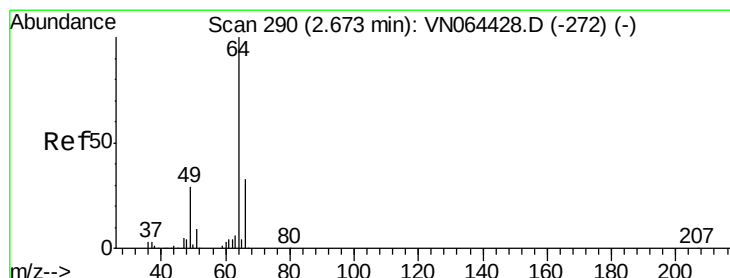
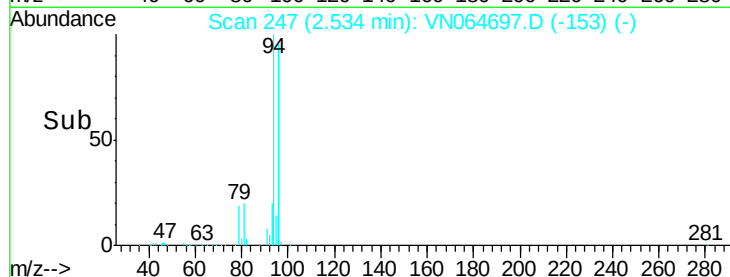
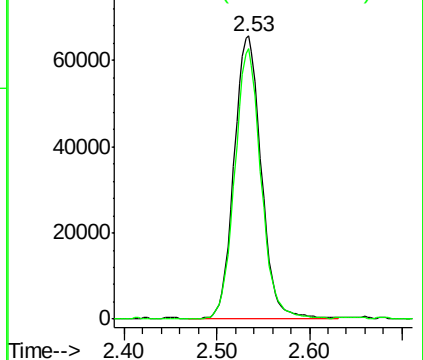
94 100

96 95.4 73.1 109.7



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 45.614 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN064697.D

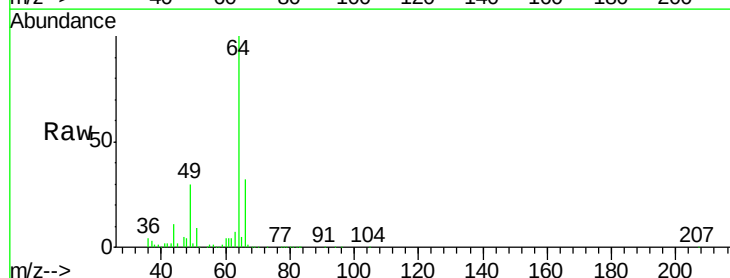
Acq: 17 Nov 2020 21:55

Tgt Ion: 64 Resp: 132568

Ion Ratio Lower Upper

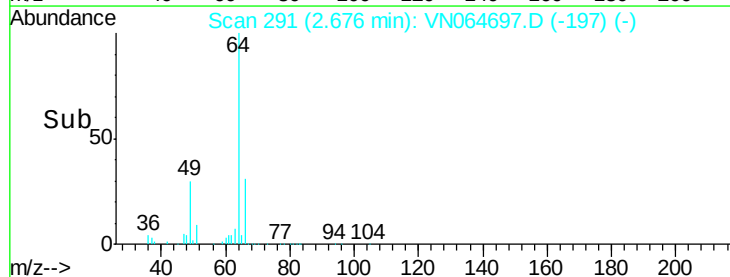
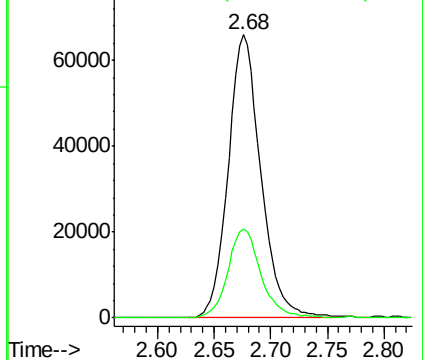
64 100

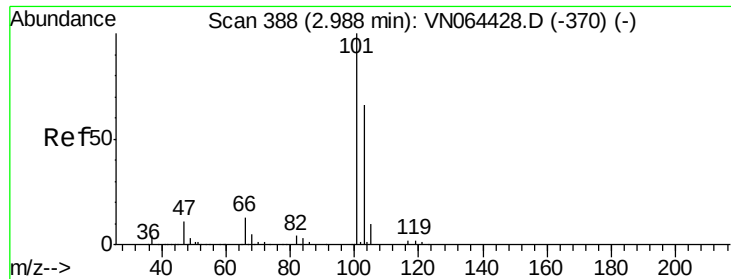
66 31.6 26.1 39.1



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



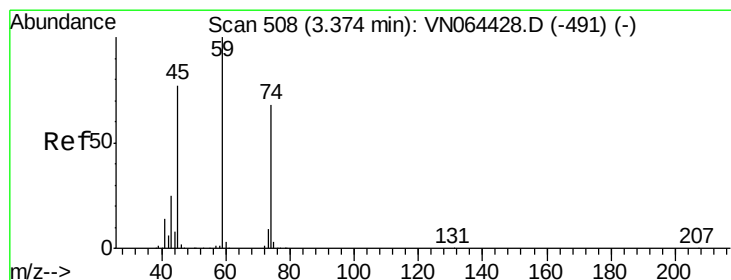
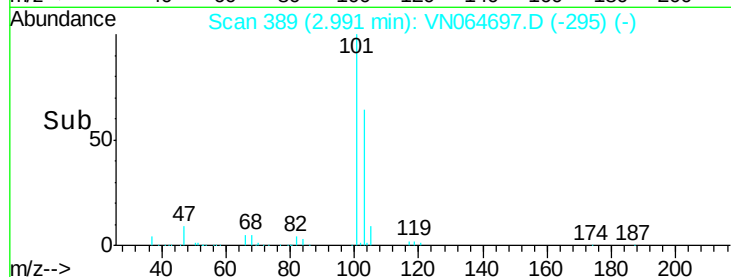
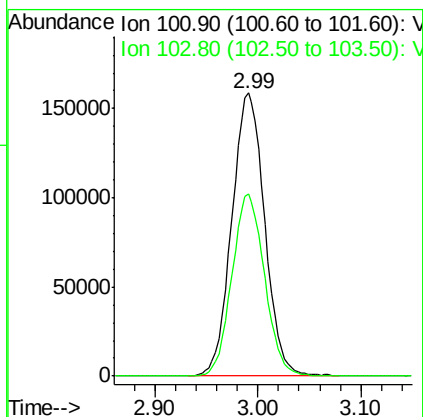
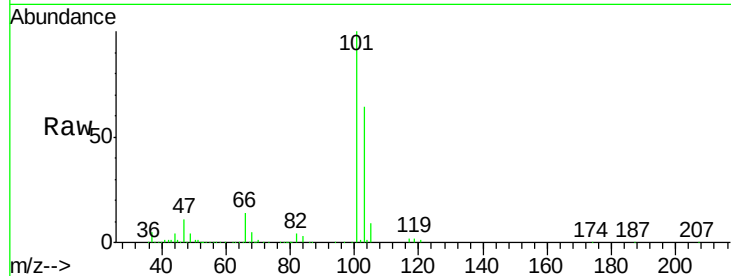


#7

Trichlorofluoromethane
 Concen: 52.669 ug/l
 RT: 2.99 min Scan# 389
 Delta R.T. 0.00 min
 Lab File: VN064697.D
 Acq: 17 Nov 2020 21:55

Instrument :
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 VSTDCCC050EC

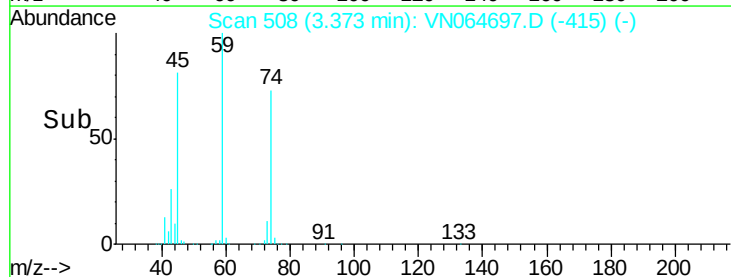
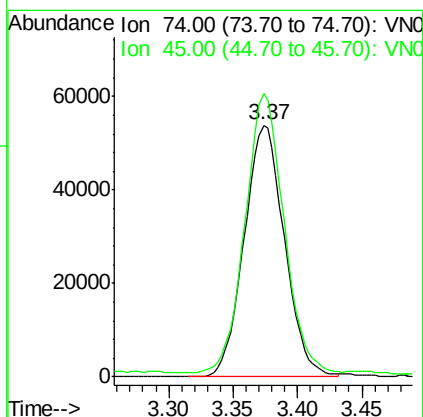
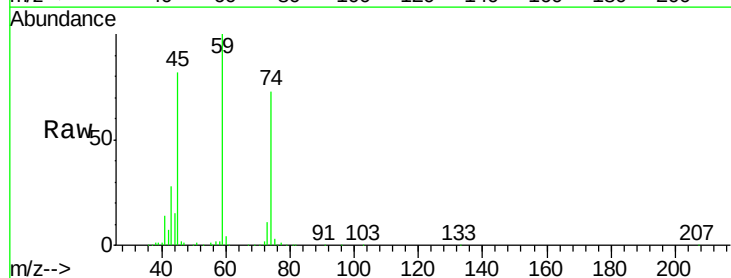
Tot Ion:101 Resp: 352050
 Ion Ratio Lower Upper
 101 100
 103 64.4 52.4 78.6

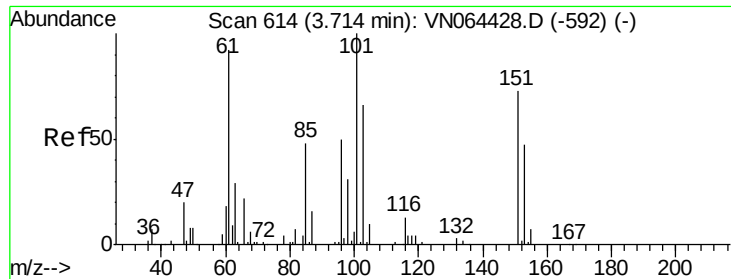


#8

Diethyl Ether
 Concen: 49.638 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN064697.D
 Acq: 17 Nov 2020 21:55

Tgt Ion: 74 Resp: 117168
 Ion Ratio Lower Upper
 74 100
 45 107.3 55.9 167.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.154 ug/l

RT: 3.71 min Scan# 614

Delta R.T. -0.00 min

Lab File: VN064697.D

Acq: 17 Nov 2020 21:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

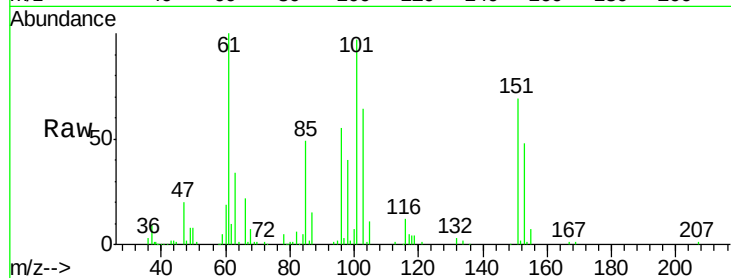
Tot Ion:101 Resp: 149674

Ion Ratio Lower Upper

101 100

85 48.8 38.6 57.8

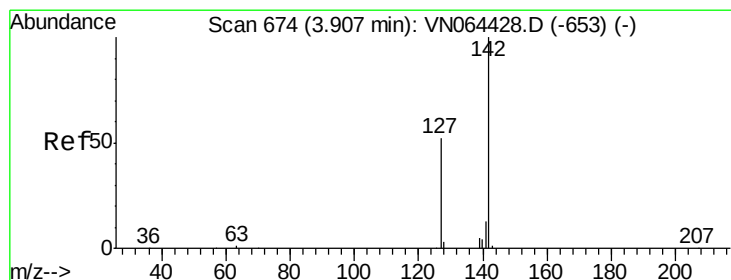
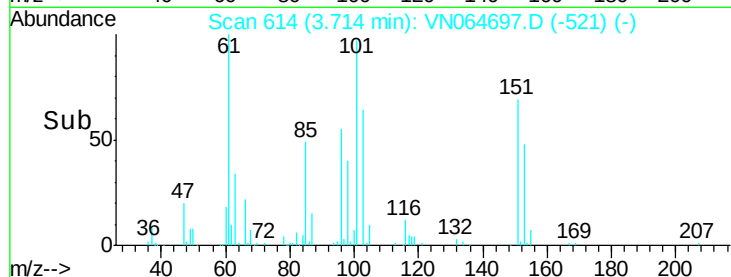
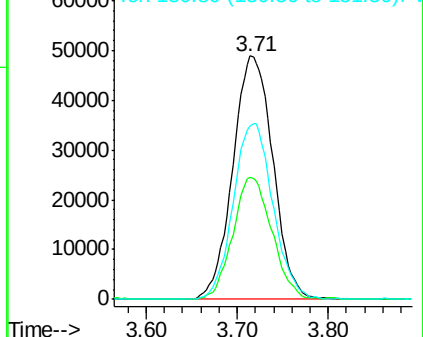
151 71.5 57.5 86.3



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: 49.434 ug/l

RT: 3.91 min Scan# 675

Delta R.T. 0.00 min

Lab File: VN064697.D

Acq: 17 Nov 2020 21:55

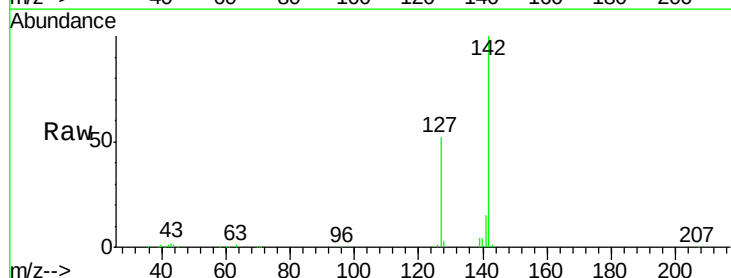
Tgt Ion:142 Resp: 182325

Ion Ratio Lower Upper

142 100

127 51.6 41.8 62.8

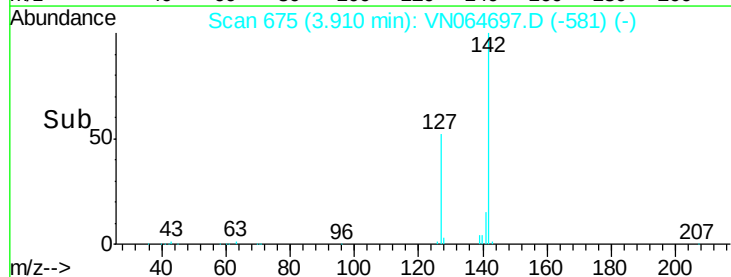
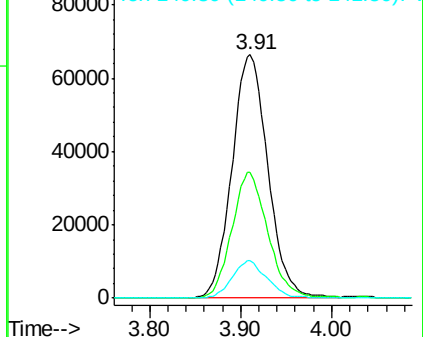
141 14.9 11.4 17.2

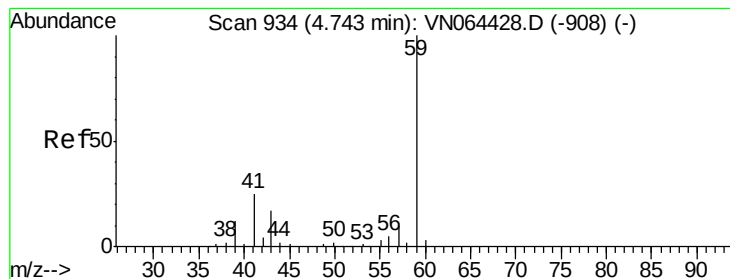


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



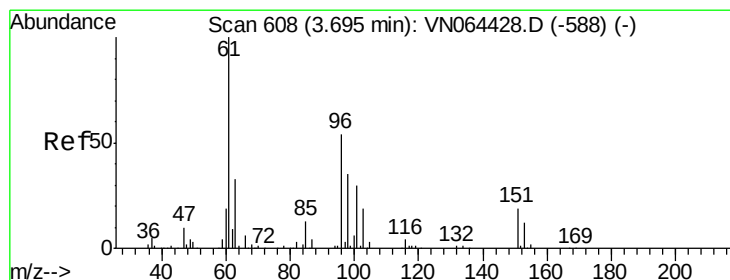
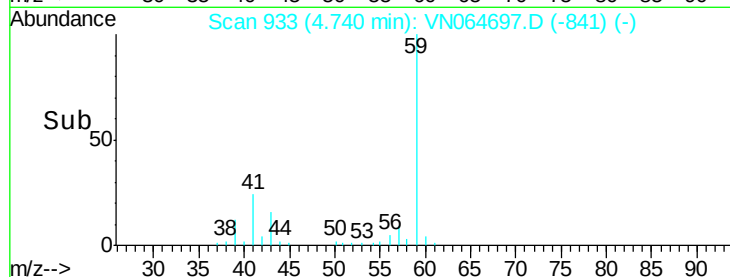
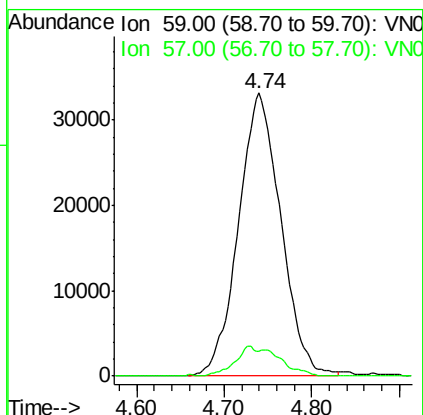
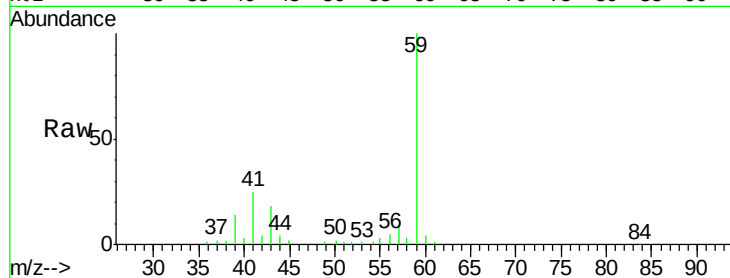


#11

Tert butyl alcohol
 Concen: 207.367 ug/l
 RT: 4.74 min Scan# 933
 Delta R.T. -0.00 min
 Lab File: VN064697.D
 Acq: 17 Nov 2020 21:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

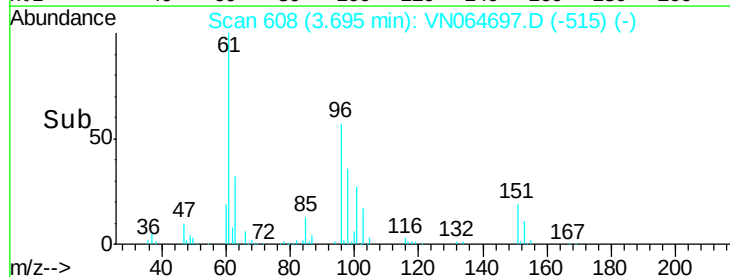
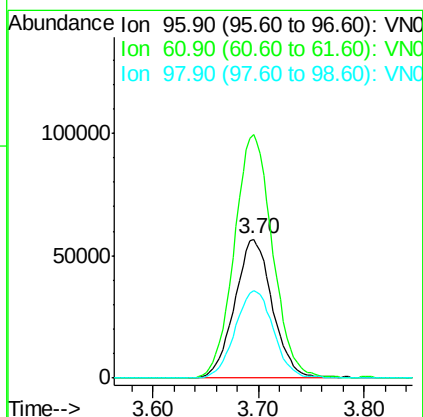
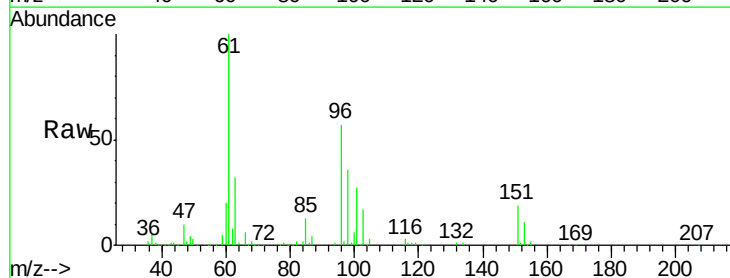
Tot Ion: 59 Resp: 111362
 Ion Ratio Lower Upper
 59 100
 57 5.2 9.0 13.4#

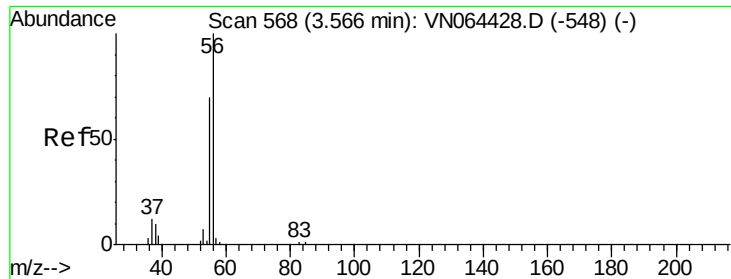


#12

1,1-Dichloroethene
 Concen: 47.046 ug/l
 RT: 3.70 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: VN064697.D
 Acq: 17 Nov 2020 21:55

Tgt Ion: 96 Resp: 140664
 Ion Ratio Lower Upper
 96 100
 61 175.5 149.5 224.3
 98 62.6 52.4 78.6





#13

Acrolein

Concen: 54.417 ug/l

RT: 3.57 min Scan# 568

Delta R.T. -0.00 min

Lab File: VN064697.D

Acq: 17 Nov 2020 21:55

Instrument :

MSVOA_N

ClientSampleId :

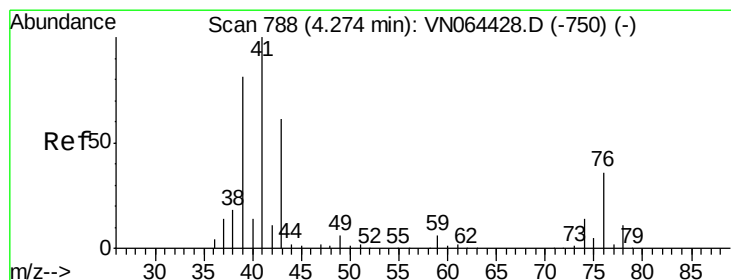
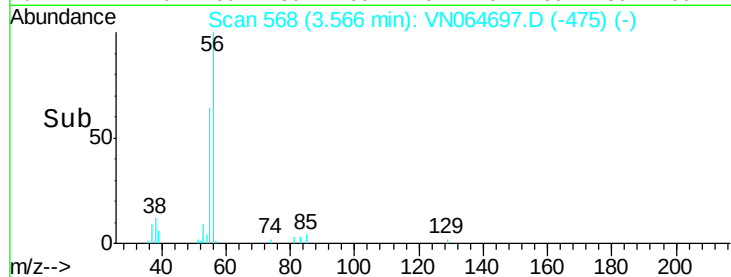
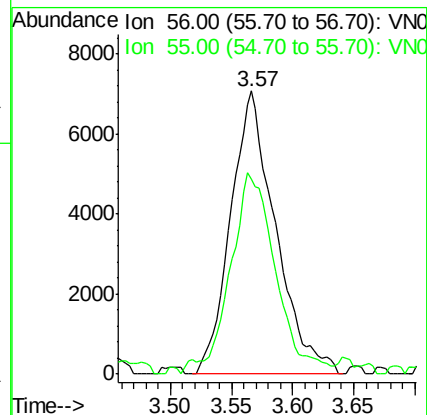
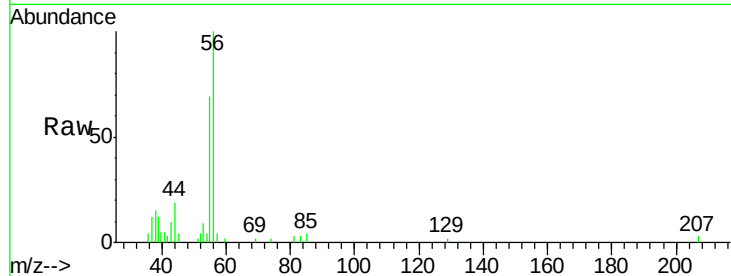
VSTDCCC050EC

Tot Ion: 56 Resp: 18127

Ion Ratio Lower Upper

56 100

55 65.8 55.9 83.9



#14

Allyl chloride

Concen: 41.617 ug/l

RT: 4.28 min Scan# 789

Delta R.T. 0.00 min

Lab File: VN064697.D

Acq: 17 Nov 2020 21:55

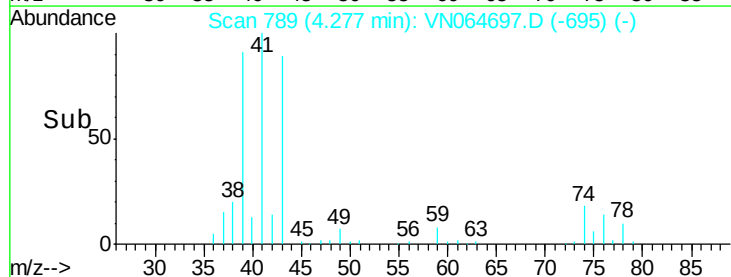
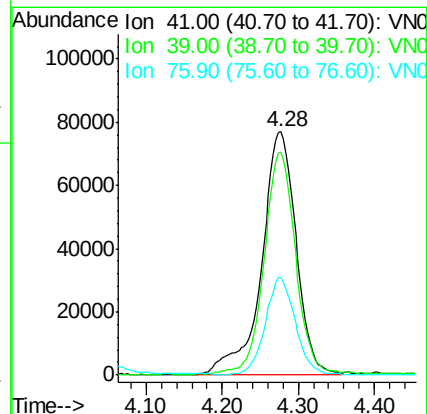
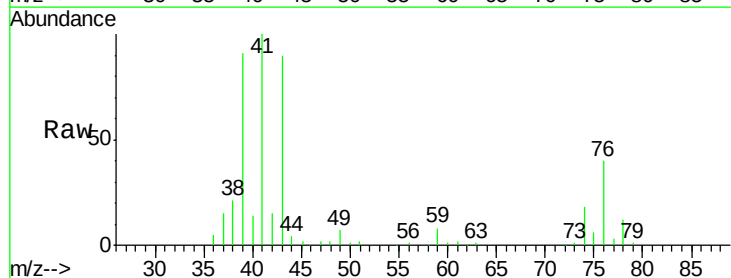
Tgt Ion: 41 Resp: 243415

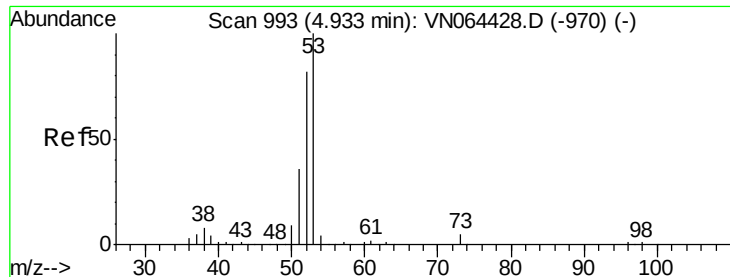
Ion Ratio Lower Upper

41 100

39 82.1 61.8 92.8

76 33.9 25.4 38.0





#15

Acrylonitrile

Concen: 237.927 ug/l

RT: 4.93 min Scan# 993

Delta R.T. -0.00 min

Lab File: VN064697.D

Acq: 17 Nov 2020 21:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

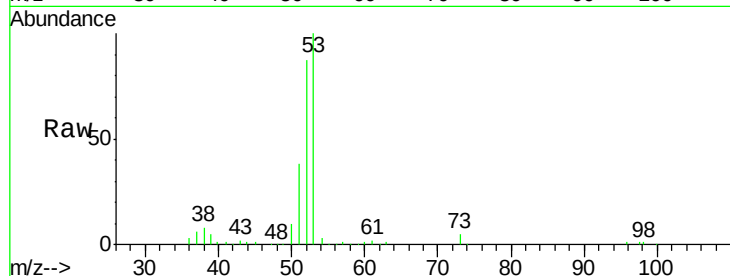
Tot Ion: 53 Resp: 355736

Ion Ratio Lower Upper

53 100

52 83.2 65.6 98.4

51 37.3 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VN064428.D (-970) (-)

Ion 52.00 (51.70 to 52.70): VN064428.D (-970) (-)

Ion 51.00 (50.70 to 51.70): VN064428.D (-970) (-)

4.93

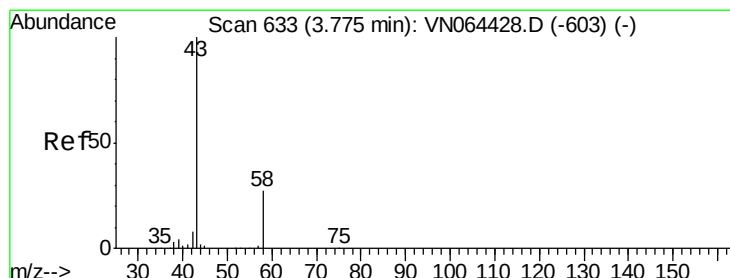
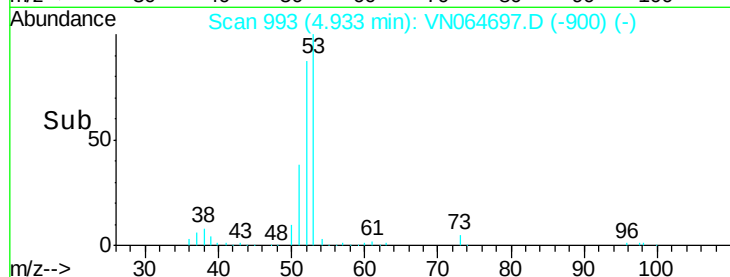
100000

50000

0

Time-->

4.80 4.90 5.00 5.10



#16

Acetone

Concen: 178.885 ug/l

RT: 3.78 min Scan# 633

Delta R.T. -0.00 min

Lab File: VN064697.D

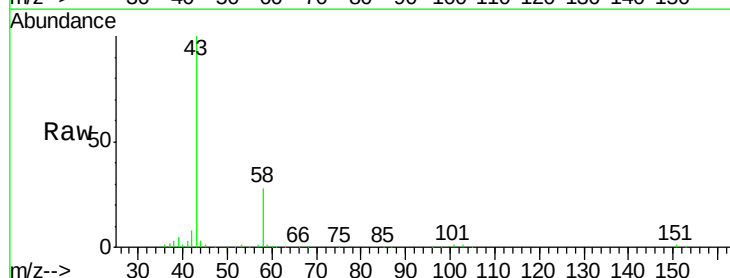
Acq: 17 Nov 2020 21:55

Tgt Ion: 43 Resp: 331825

Ion Ratio Lower Upper

43 100

58 27.6 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VN064428.D (-603) (-)

Ion 58.00 (57.70 to 58.70): VN064428.D (-603) (-)

3.78

150000

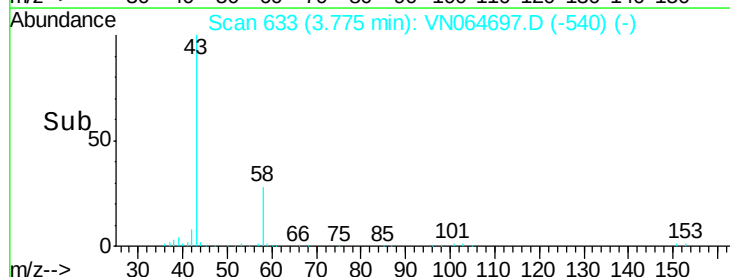
100000

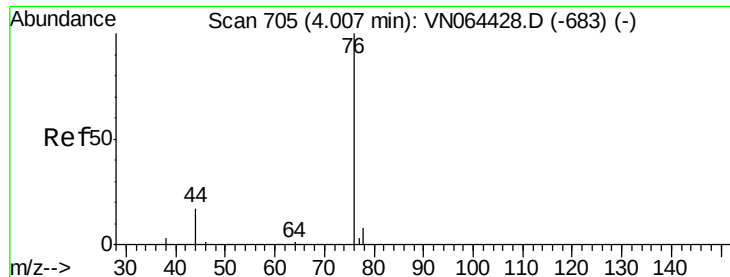
50000

0

Time-->

3.60 3.70 3.80 3.90





#17

Carbon Disulfide

Concen: 42.695 ug/l

RT: 4.01 min Scan# 706

Delta R.T. 0.00 min

Lab File: VN064697.D

Acq: 17 Nov 2020 21:55

Instrument :

MSVOA_N

ClientSampleId :

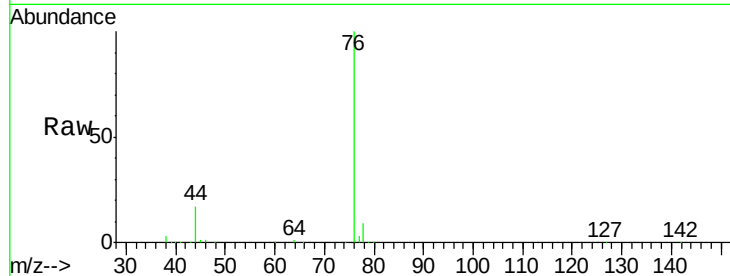
VSTDCCC050EC

Tot Ion: 76 Resp: 381756

Ion Ratio Lower Upper

76 100

78 8.7 6.8 10.2



Abundance Ion 75.90 (75.60 to 76.60): VN064428.D (-683) (-)

Ion 77.90 (77.60 to 78.60): VN064428.D (-683) (-)

4.01

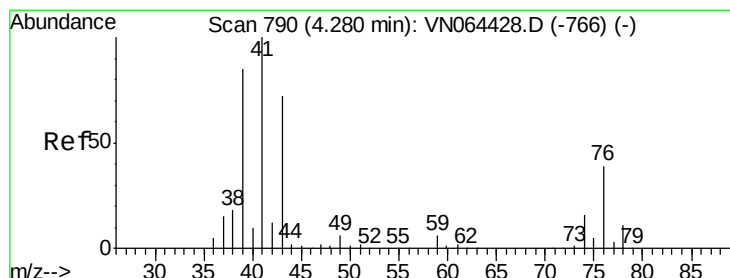
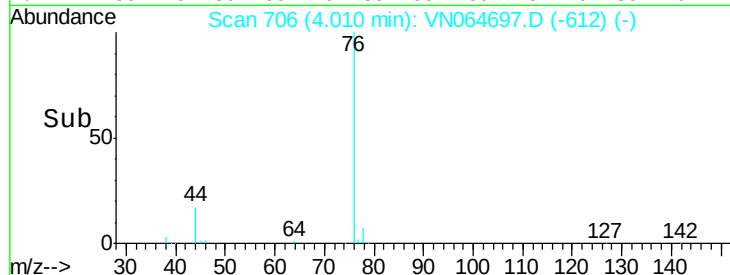
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 53.084 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN064697.D

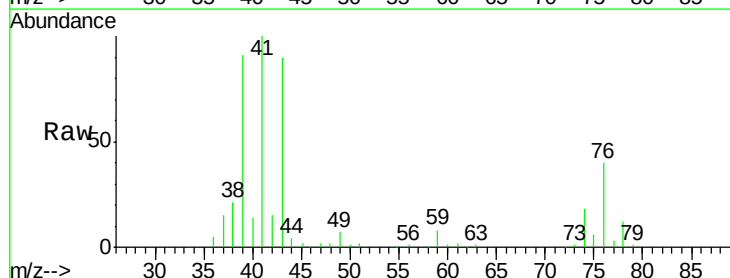
Acq: 17 Nov 2020 21:55

Tgt Ion: 43 Resp: 193586

Ion Ratio Lower Upper

43 100

74 22.7 17.0 25.4



Abundance Ion 43.00 (42.70 to 43.70): VN064428.D (-766) (-)

Ion 74.00 (73.70 to 74.70): VN064428.D (-766) (-)

4.28

80000

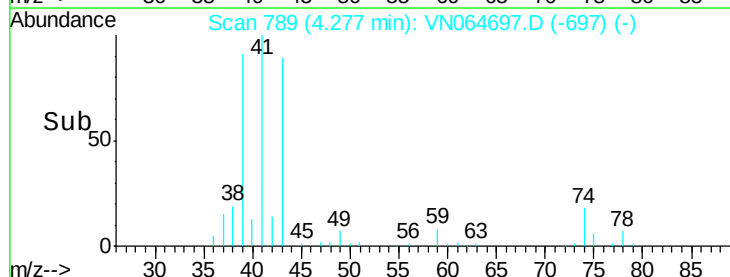
60000

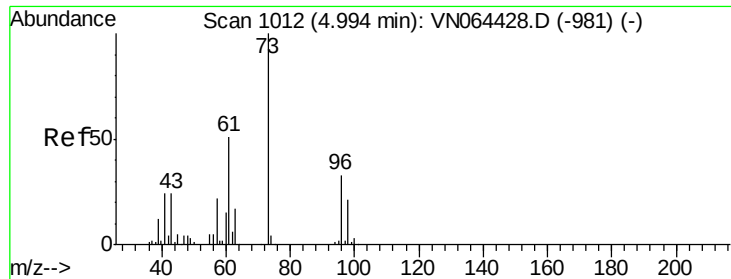
40000

20000

0

Time-->

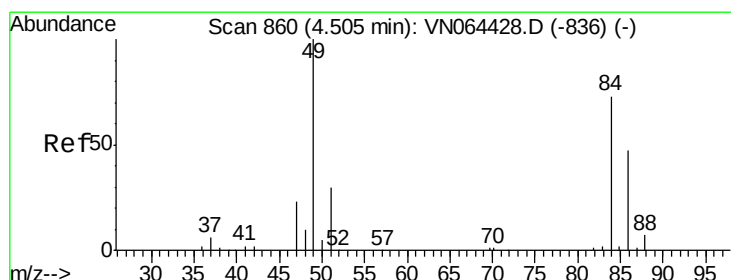
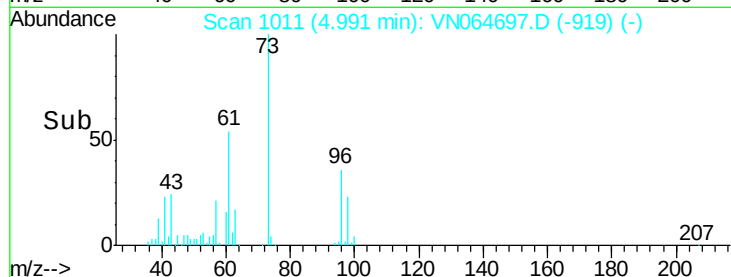
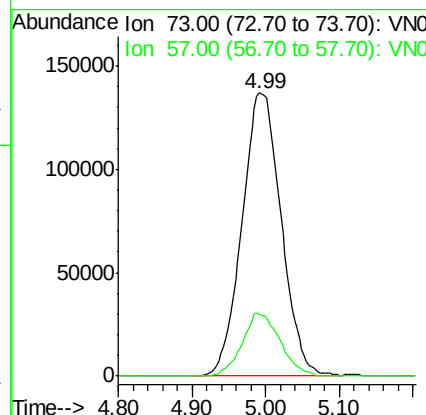
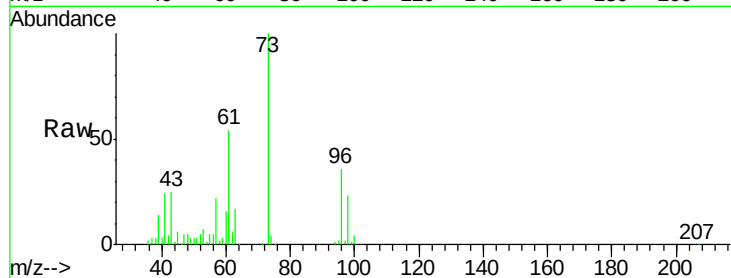




#19
Methvl tert-butyl Ether
Concen: 47.172 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VN064697.D
Acq: 17 Nov 2020 21:55

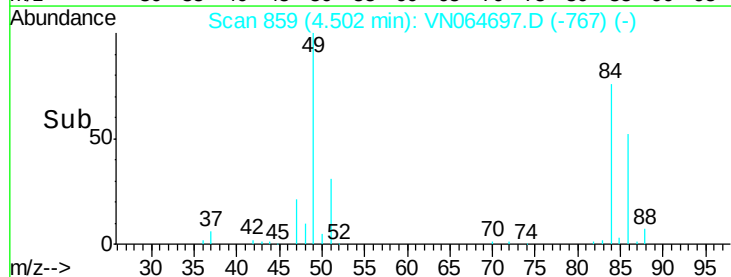
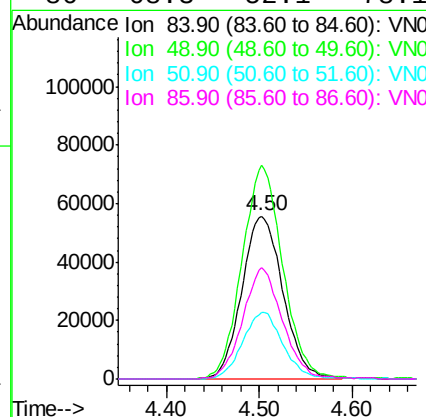
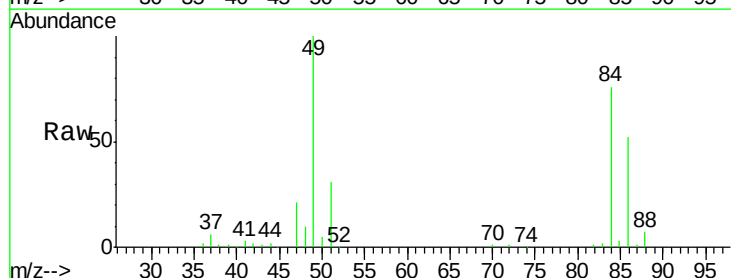
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

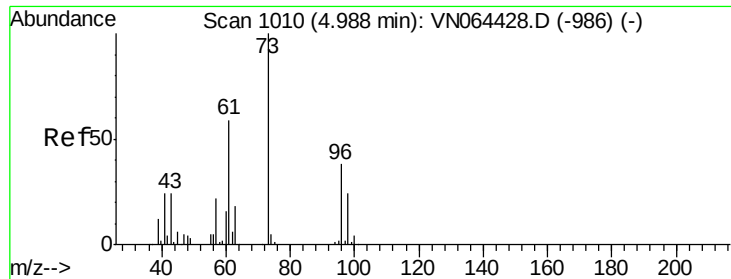
Tot Ion: 73 Resp: 507627
Ion Ratio Lower Upper
73 100
57 21.8 17.7 26.5



#20
Methylene Chloride
Concen: 46.610 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN064697.D
Acq: 17 Nov 2020 21:55

Tgt Ion: 84 Resp: 171544
Ion Ratio Lower Upper
84 100
49 130.9 110.1 165.1
51 40.5 33.6 50.4
86 68.3 52.1 78.1

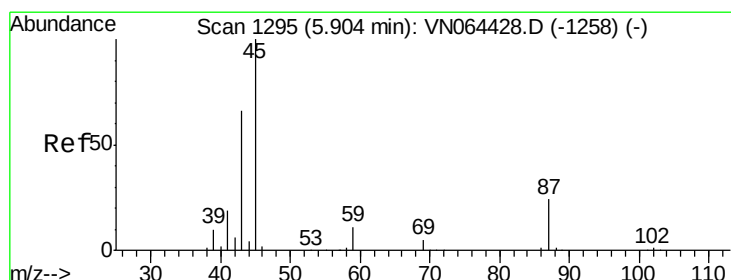
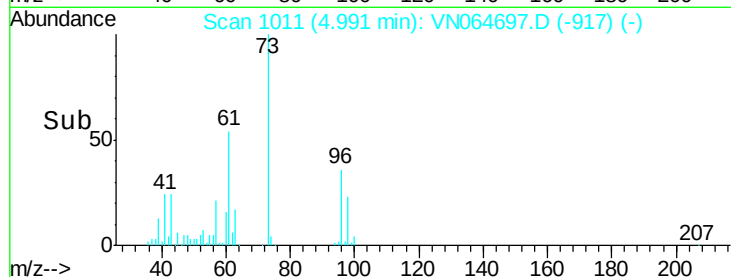
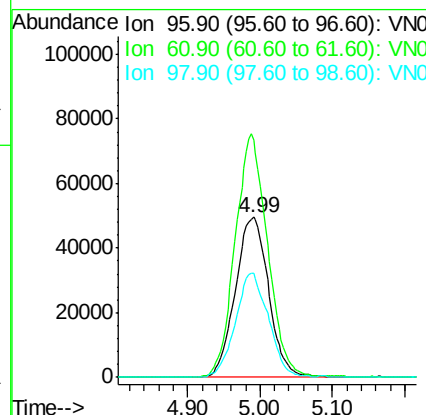
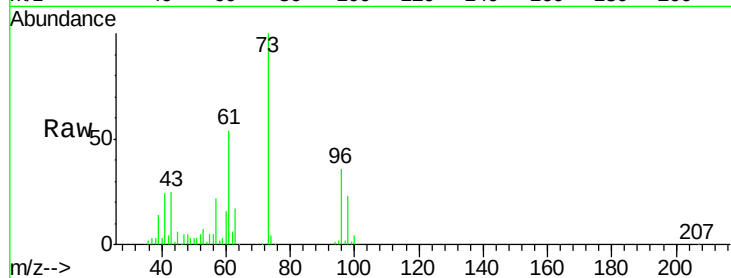




#21
trans-1,2-Dichloroethene
Concen: 46.870 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN064697.D
Acq: 17 Nov 2020 21:55

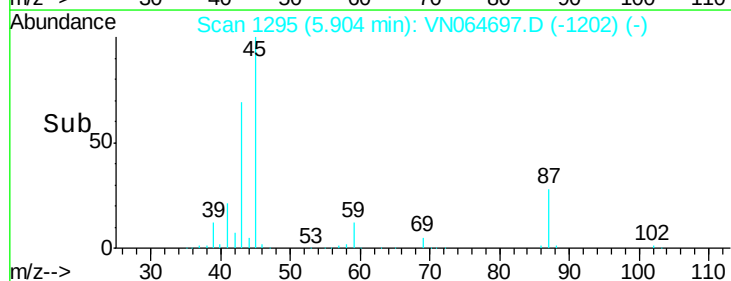
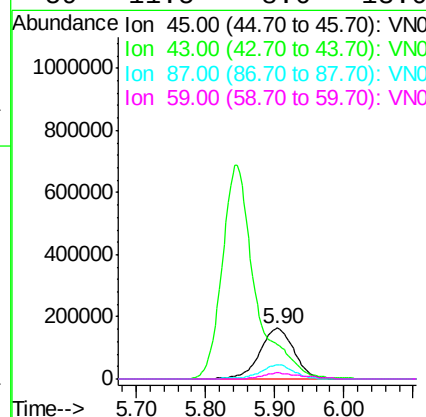
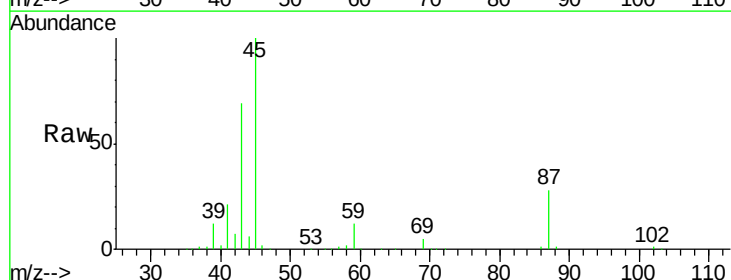
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

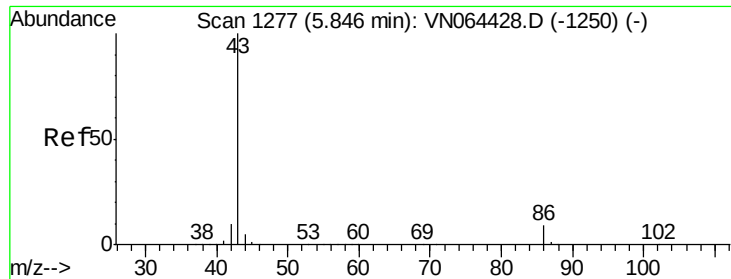
Tot Ion: 96 Resp: 159117
Ion Ratio Lower Upper
96 100
61 148.3 122.4 183.6
98 64.8 50.4 75.6



#22
Diisopropyl ether
Concen: 45.185 ug/l
RT: 5.90 min Scan# 1295
Delta R.T. -0.00 min
Lab File: VN064697.D
Acq: 17 Nov 2020 21:55

Tgt Ion: 45 Resp: 561003
Ion Ratio Lower Upper
45 100
43 67.4 53.2 79.8
87 27.9 19.9 29.9
59 11.5 8.6 13.0

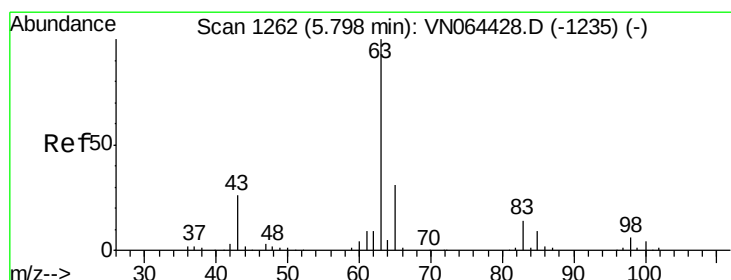
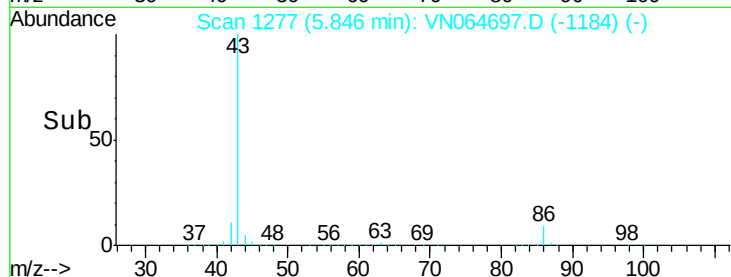
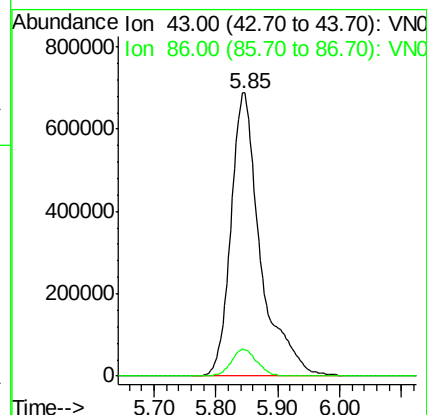
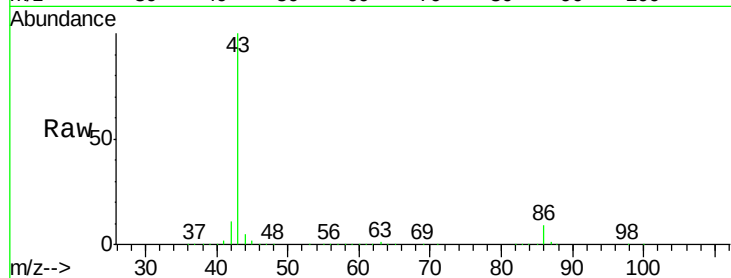




#23
 Vinyl Acetate
 Concen: 226.145 ug/l
 RT: 5.85 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: VN064697.D
 Acq: 17 Nov 2020 21:55

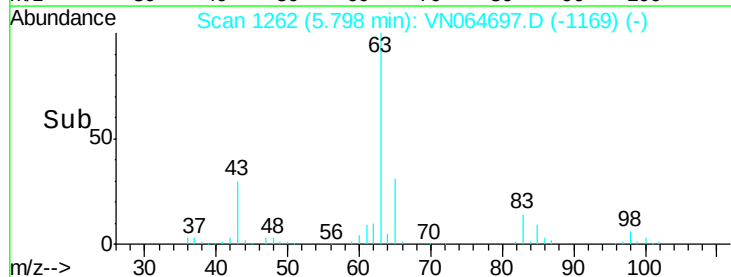
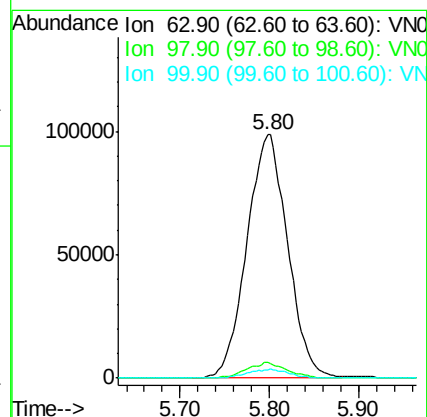
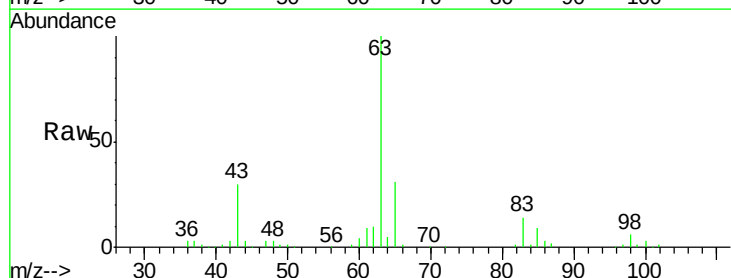
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

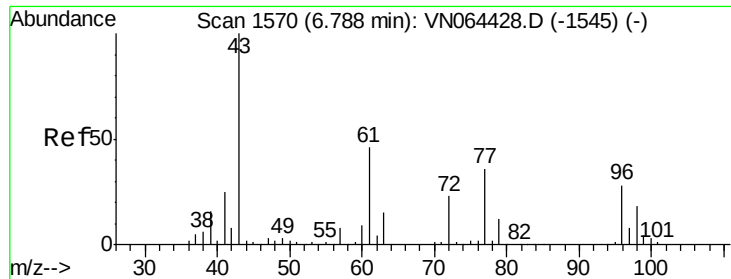
Tot Ion: 43 Resp: 2284125
 Ion Ratio Lower Upper
 43 100
 86 9.3 6.8 10.2



#24
 1,1-Dichloroethane
 Concen: 46.002 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. -0.00 min
 Lab File: VN064697.D
 Acq: 17 Nov 2020 21:55

Tgt Ion: 63 Resp: 313855
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.0 9.2
 100 3.4 1.8 5.3





#25

2-Butanone

Concen: 207.822 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. -0.00 min

Lab File: VN064697.D

Acq: 17 Nov 2020 21:55

Instrument :

MSVOA_N

ClientSampleId :

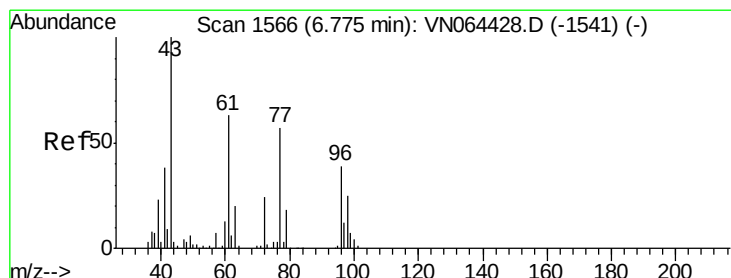
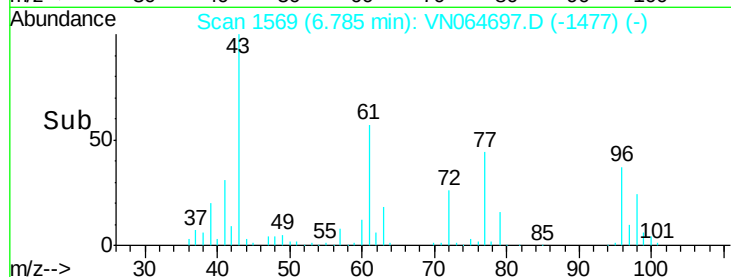
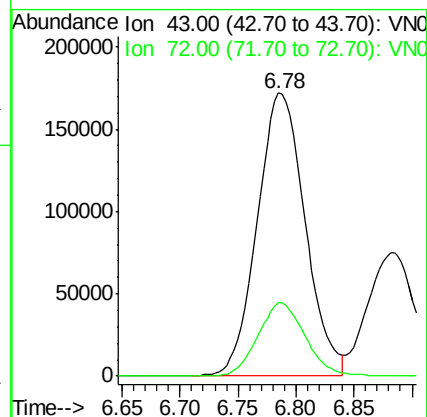
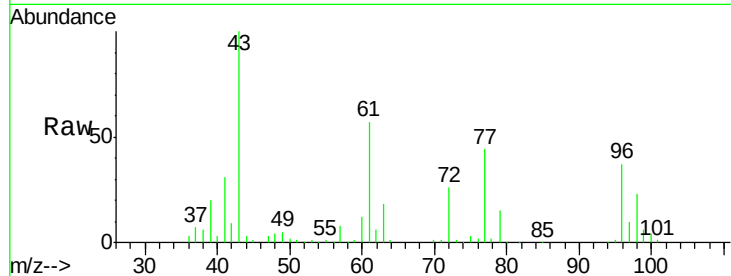
VSTDCCC050EC

Tot Ion: 43 Resp: 491184

Ion Ratio Lower Upper

43 100

72 26.1 18.5 27.7



#26

2,2-Dichloropropane

Concen: 44.191 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VN064697.D

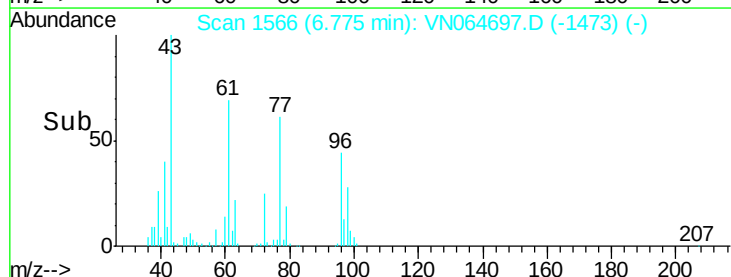
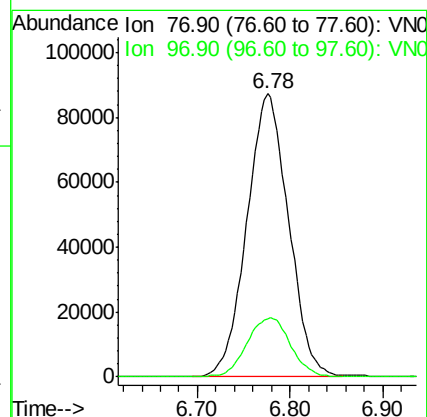
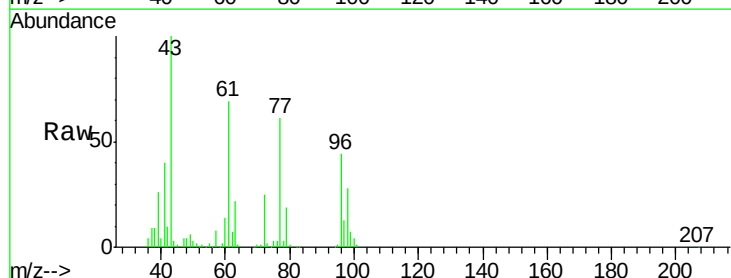
Acq: 17 Nov 2020 21:55

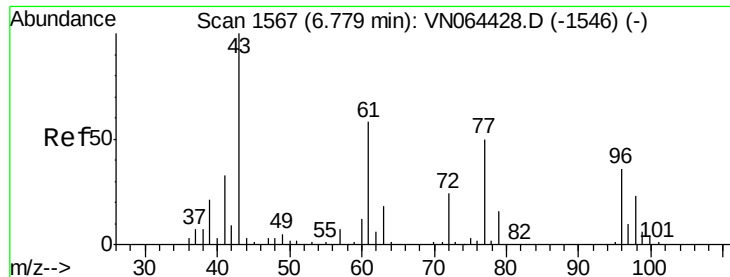
Tgt Ion: 77 Resp: 272928

Ion Ratio Lower Upper

77 100

97 21.8 10.2 30.6





#27

cis-1,2-Dichloroethene

Concen: 47.157 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN064697.D

Acq: 17 Nov 2020 21:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

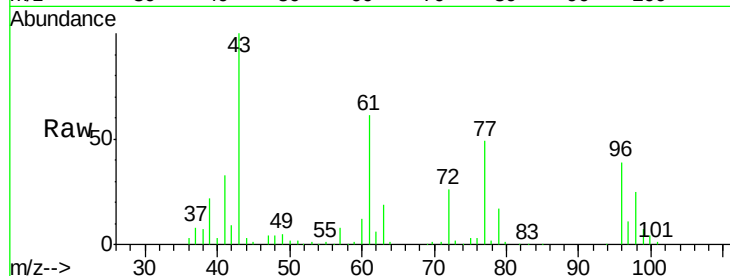
Tot Ion: 96 Resp: 185506

Ion Ratio Lower Upper

96 100

61 159.8 0.0 329.6

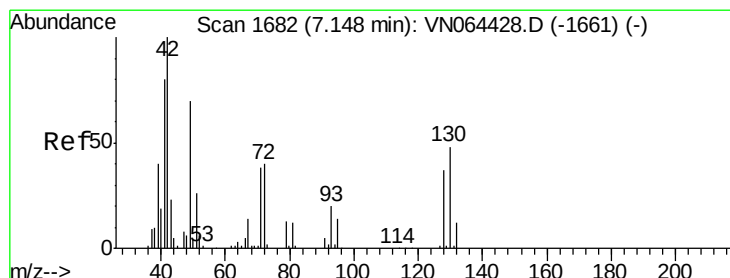
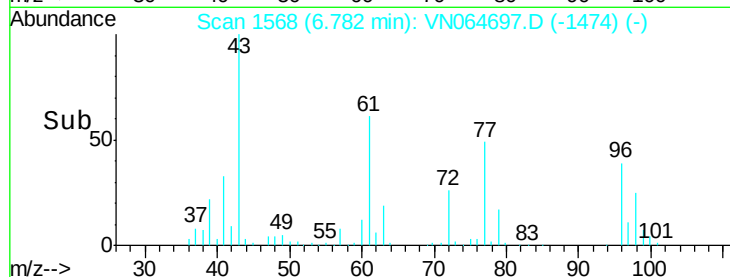
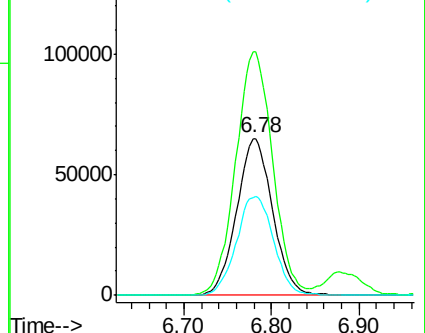
98 65.3 0.0 131.2



Abundance Ion 95.90 (95.60 to 96.60): VN064697.D (-1546) (-)

Ion 60.90 (60.60 to 61.60): VN064697.D (-1546) (-)

Ion 97.90 (97.60 to 98.60): VN064697.D (-1546) (-)



#28

Bromochloromethane

Concen: 44.024 ug/l

RT: 7.15 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VN064697.D

Acq: 17 Nov 2020 21:55

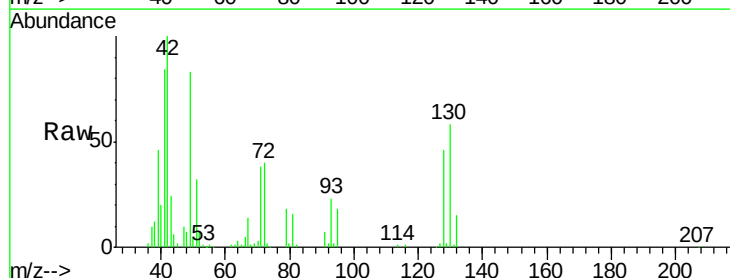
Tgt Ion: 49 Resp: 147637

Ion Ratio Lower Upper

49 100

129 1.3 0.0 3.6

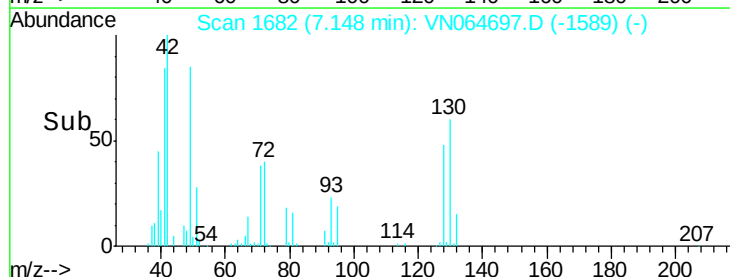
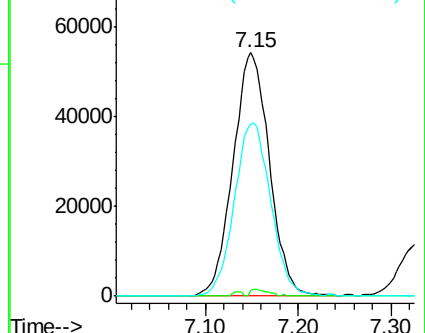
130 71.1 54.2 81.4

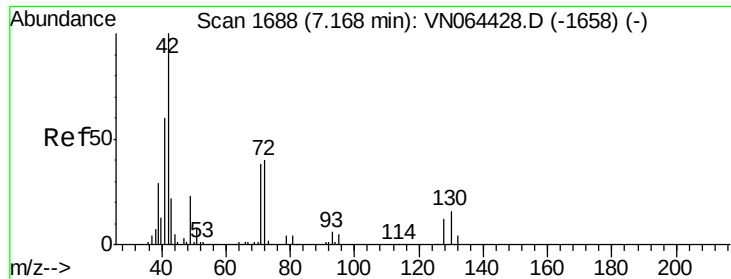


Abundance Ion 48.90 (48.60 to 49.60): VN064697.D (-1589) (-)

Ion 128.80 (128.50 to 129.50): VN064697.D (-1589) (-)

Ion 129.80 (129.50 to 130.50): VN064697.D (-1589) (-)

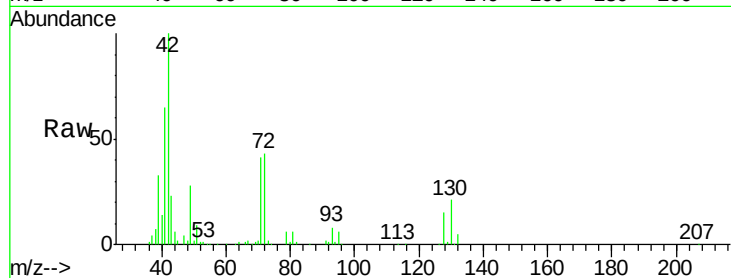




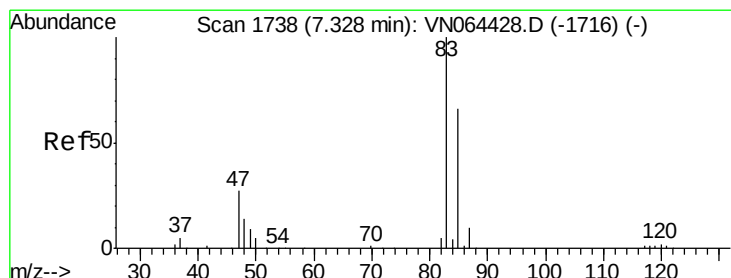
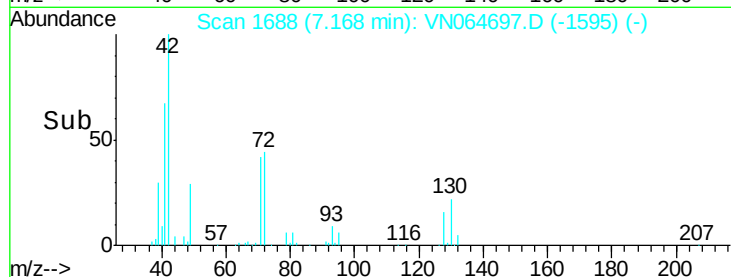
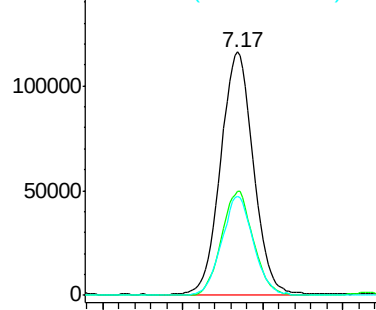
#29
Tetrahydrofuran
Concen: 225.428 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VN064697.D
Acq: 17 Nov 2020 21:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 42 Resp: 326882
Ion Ratio Lower Upper
42 100
72 41.1 31.7 47.5
71 39.4 29.8 44.6

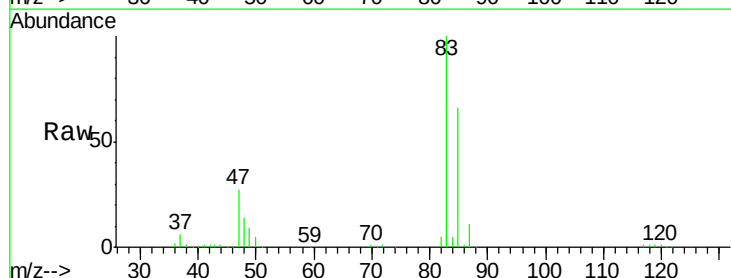


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

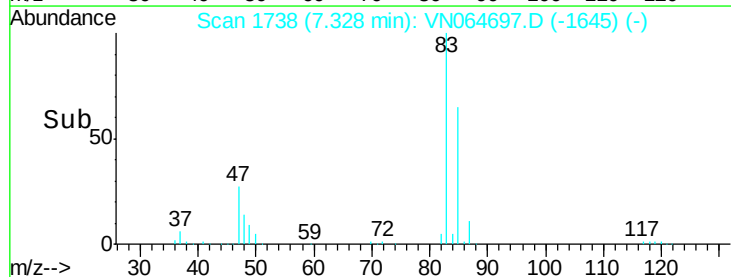
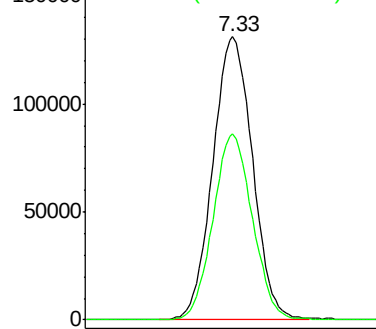


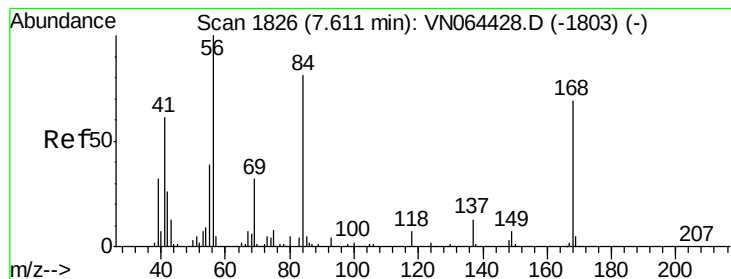
#30
Chloroform
Concen: 48.959 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VN064697.D
Acq: 17 Nov 2020 21:55

Tgt Ion: 83 Resp: 351110
Ion Ratio Lower Upper
83 100
85 65.6 52.5 78.7



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





#31

Cyclohexane

Concen: 39.375 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN064697.D

Acq: 17 Nov 2020 21:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

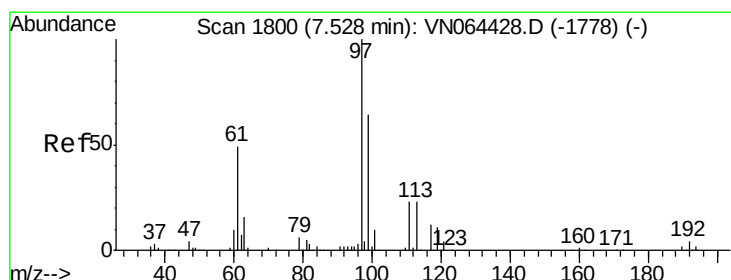
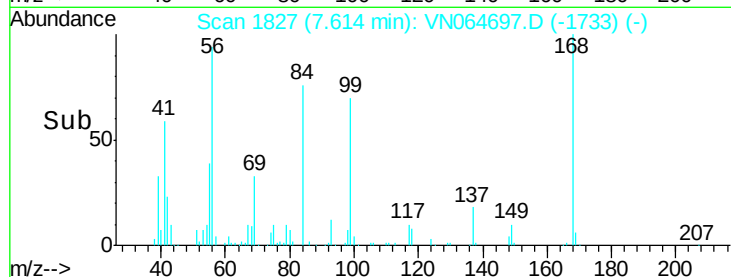
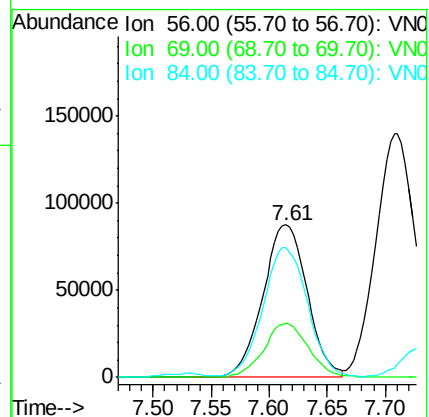
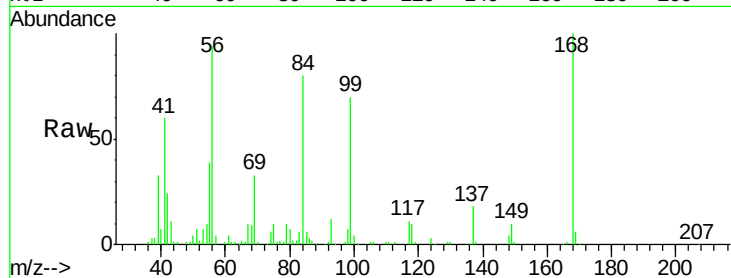
Tot Ion: 56 Resp: 233089

Ion Ratio Lower Upper

56 100

69 35.5 25.6 38.4

84 82.9 63.0 94.6



#32

1,1,1-Trichloroethane

Concen: 49.193 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VN064697.D

Acq: 17 Nov 2020 21:55

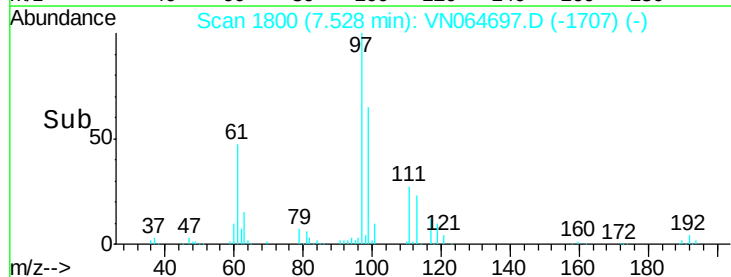
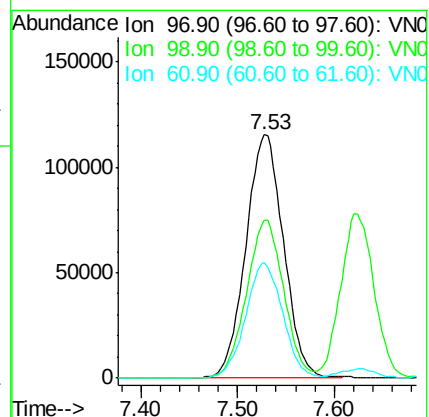
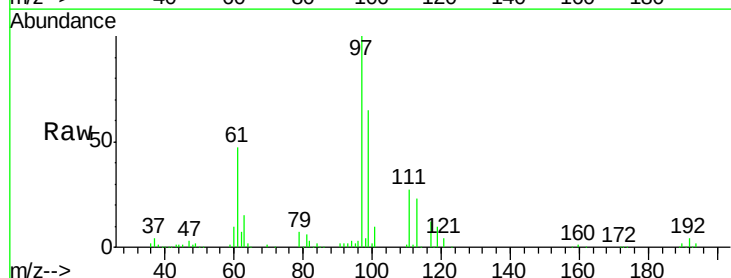
Tgt Ion: 97 Resp: 312902

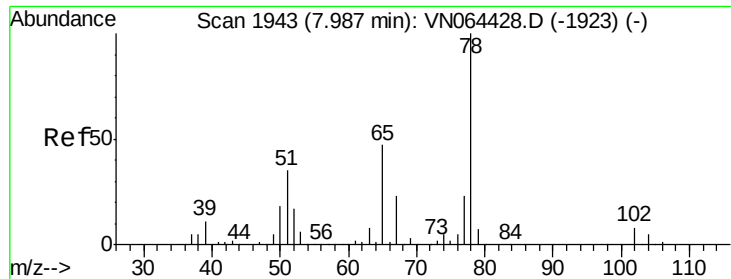
Ion Ratio Lower Upper

97 100

99 63.9 51.3 76.9

61 46.7 39.1 58.7

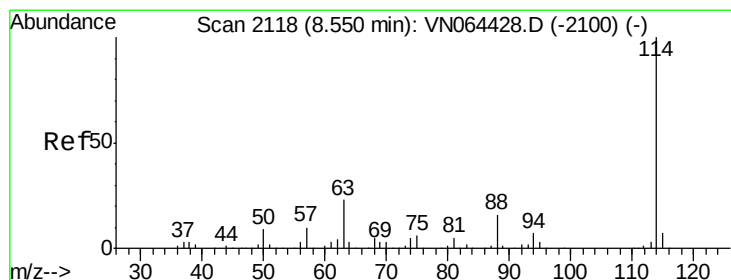
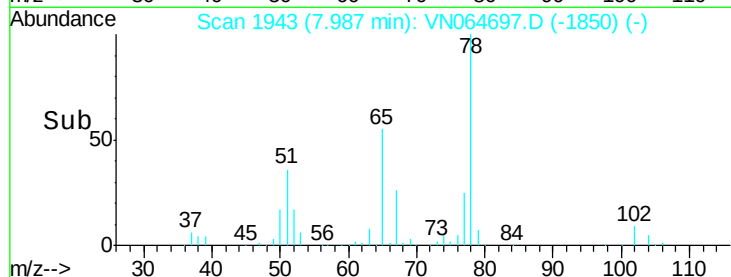
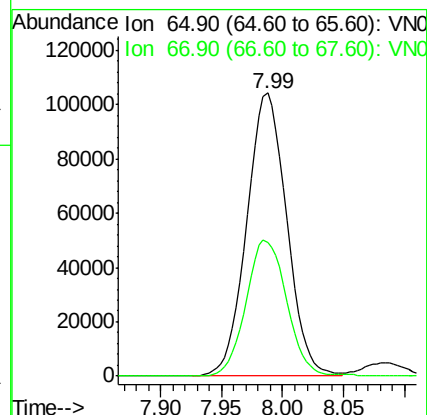
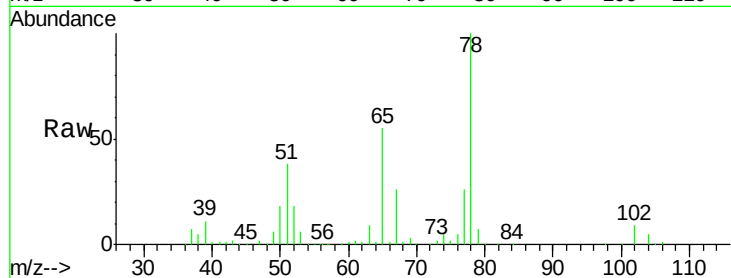




#33
 1,2-Dichloroethane-d4
 Concen: 48.469 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN064697.D
 Acq: 17 Nov 2020 21:55

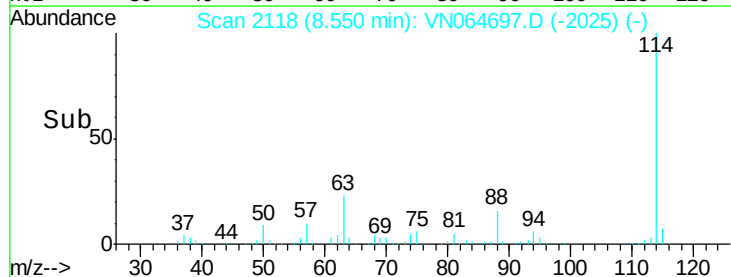
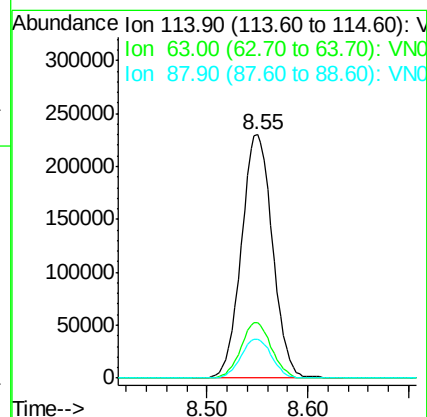
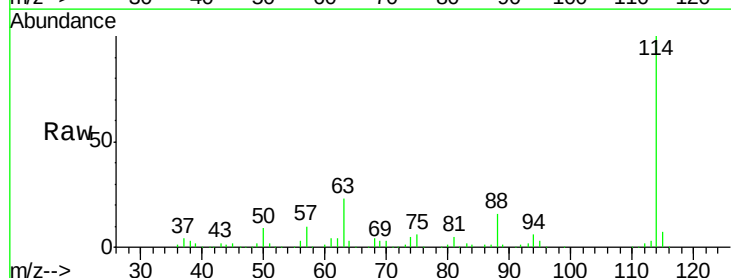
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

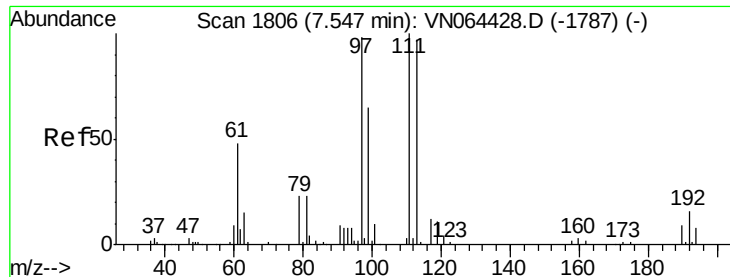
Tot Ion: 65 Resp: 236028
 Ion Ratio Lower Upper
 65 100
 67 48.8 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN064697.D
 Acq: 17 Nov 2020 21:55

Tgt Ion: 114 Resp: 490699
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 45.6
 88 16.0 0.0 32.8

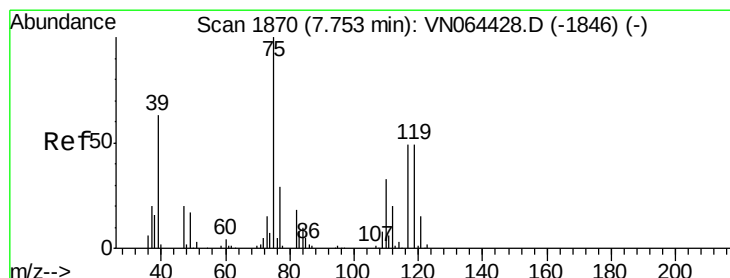
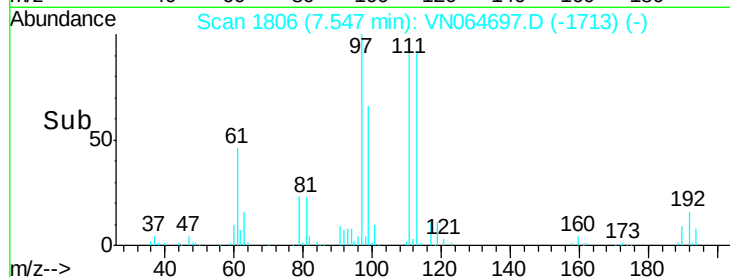
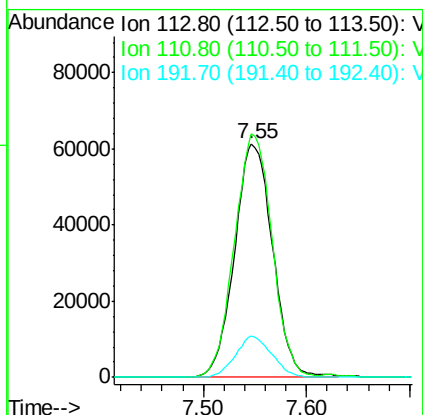
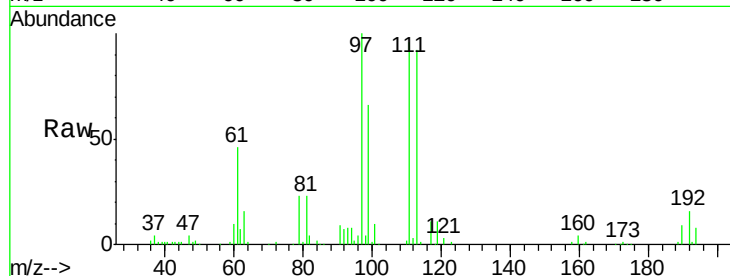




#35
 Dibromofluoromethane
 Concen: 47.158 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN064697.D
 Acq: 17 Nov 2020 21:55

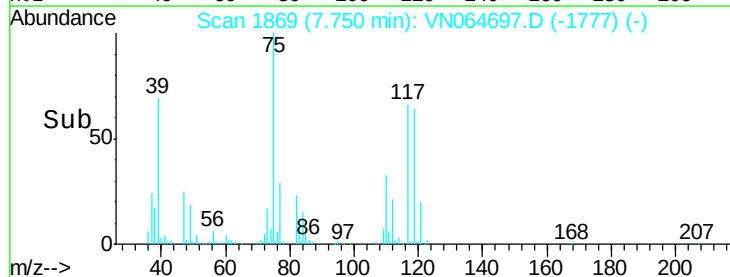
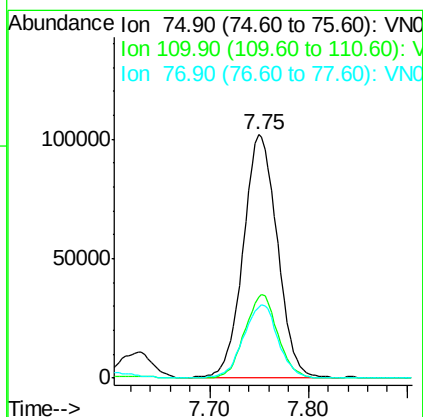
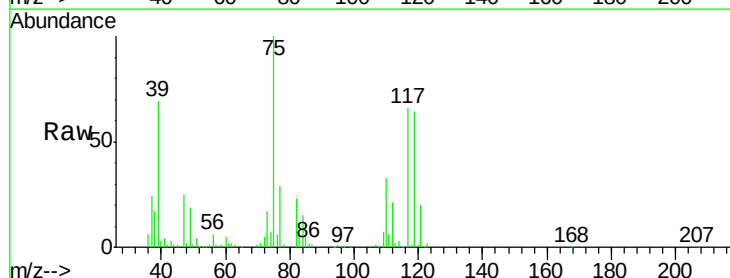
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

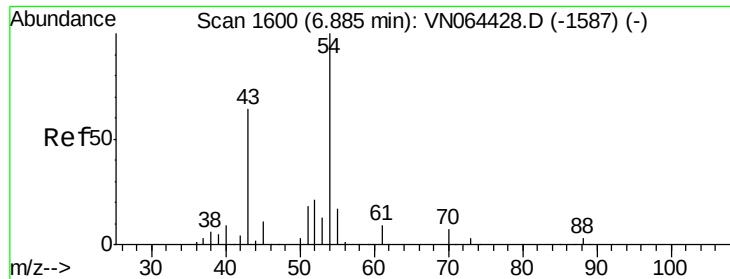
Tot Ion:113 Resp: 157554
 Ion Ratio Lower Upper
 113 100
 111 103.1 81.1 121.7
 192 16.9 12.8 19.2



#36
 1,1-Dichloropropene
 Concen: 46.689 ug/l
 RT: 7.75 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VN064697.D
 Acq: 17 Nov 2020 21:55

Tgt Ion: 75 Resp: 242030
 Ion Ratio Lower Upper
 75 100
 110 33.3 16.0 48.0
 77 30.8 24.0 36.0

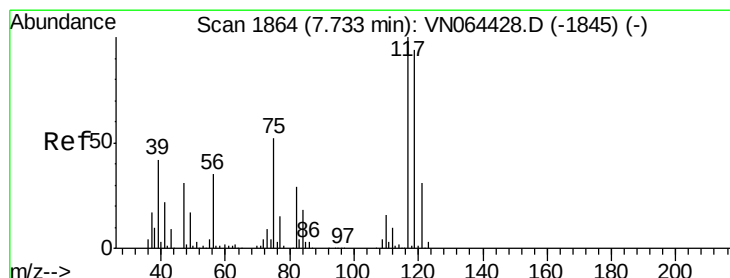
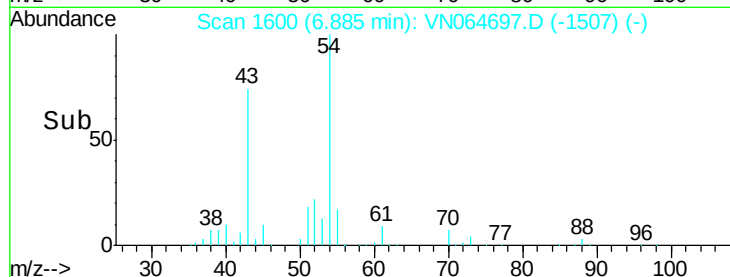
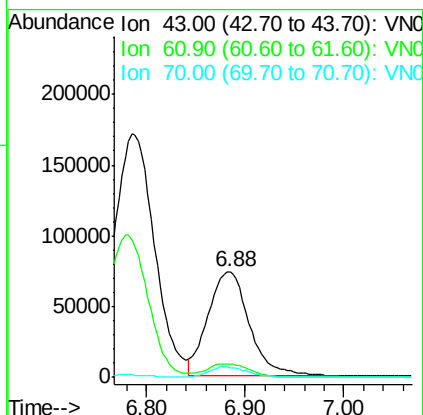
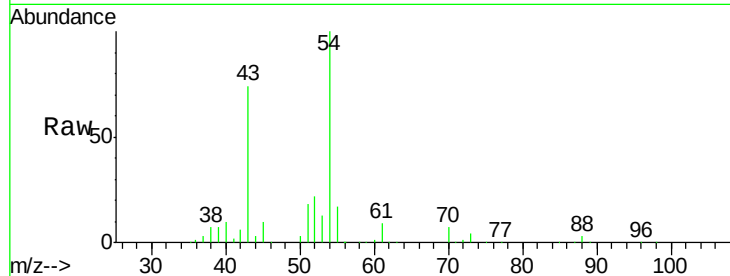




#37
Ethyl Acetate
Concen: 41.072 ug/l
RT: 6.88 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VN064697.D
Acq: 17 Nov 2020 21:55

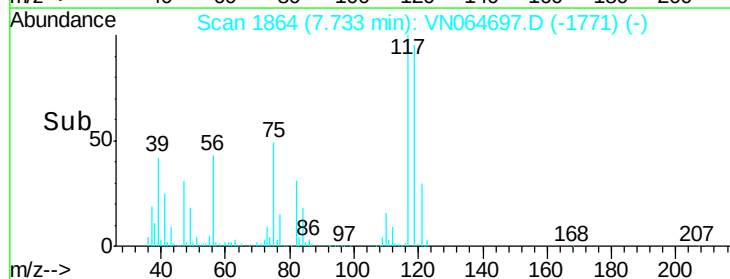
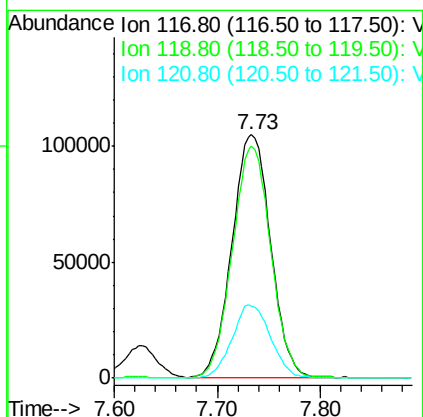
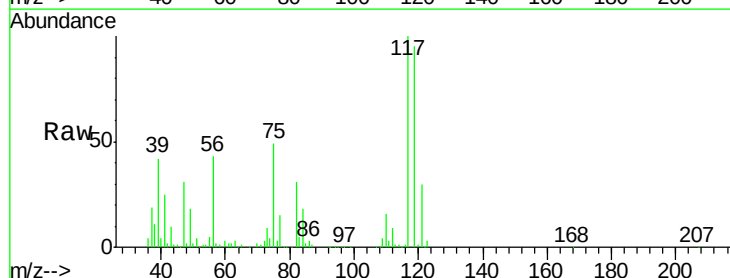
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

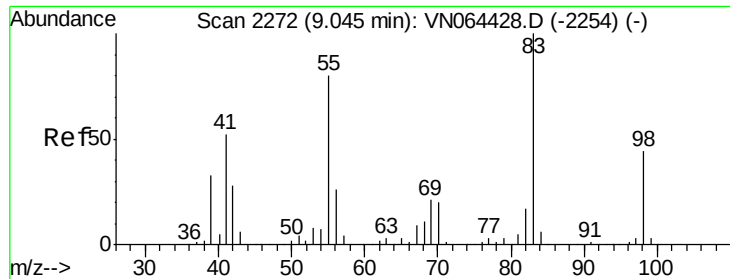
Tot Ion: 43 Resp: 215364
Ion Ratio Lower Upper
43 100
61 13.3 10.0 15.0
70 9.5 7.1 10.7



#38
Carbon Tetrachloride
Concen: 49.190 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN064697.D
Acq: 17 Nov 2020 21:55

Tgt Ion: 117 Resp: 272529
Ion Ratio Lower Upper
117 100
119 95.4 75.5 113.3
121 29.9 24.4 36.6

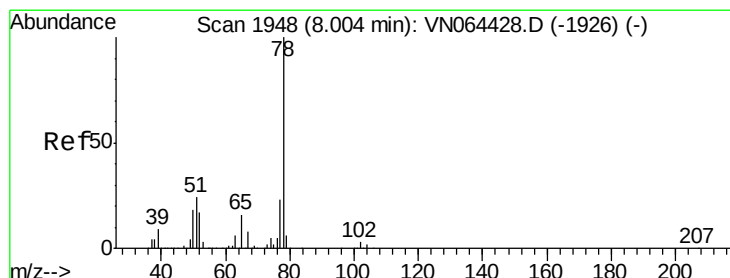
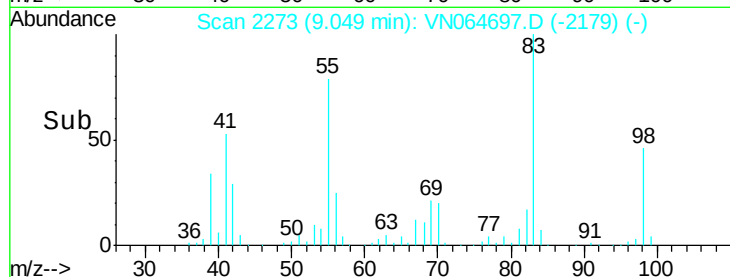
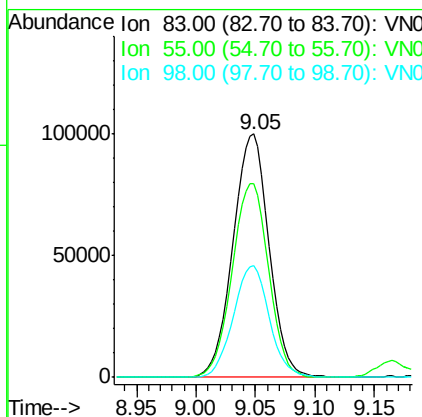
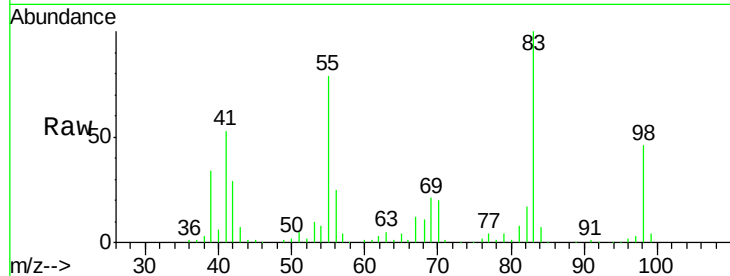




#39
Methylvlcyclohexane
Concen: 45.272 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN064697.D
Acq: 17 Nov 2020 21:55

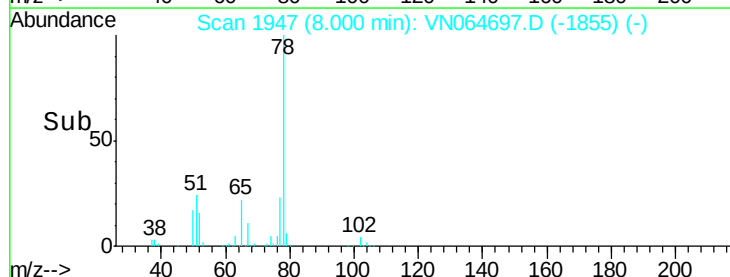
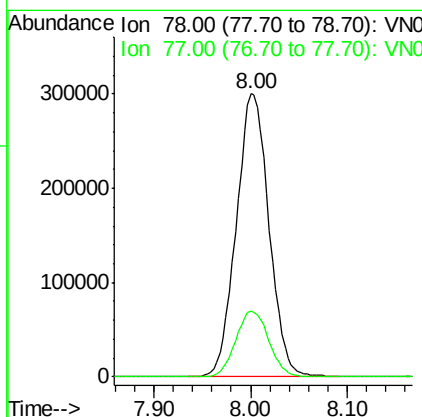
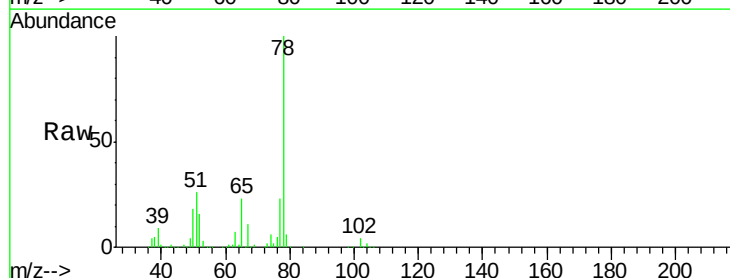
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

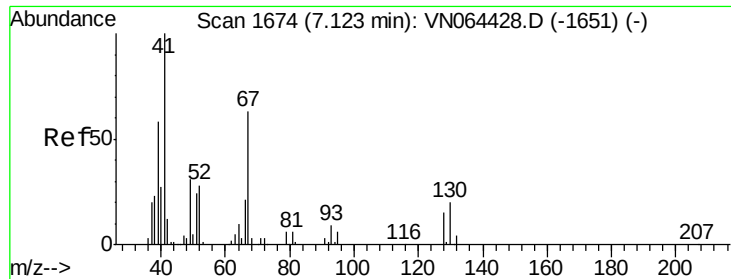
Tot Ion: 83 Resp: 210379
Ion Ratio Lower Upper
83 100
55 79.3 63.8 95.6
98 45.7 35.4 53.2



#40
Benzene
Concen: 46.287 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN064697.D
Acq: 17 Nov 2020 21:55

Tgt Ion: 78 Resp: 705086
Ion Ratio Lower Upper
78 100
77 23.0 18.7 28.1

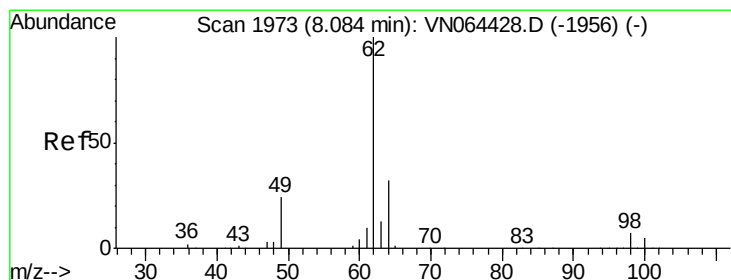
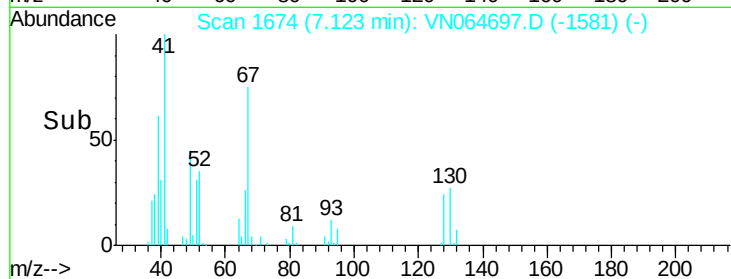
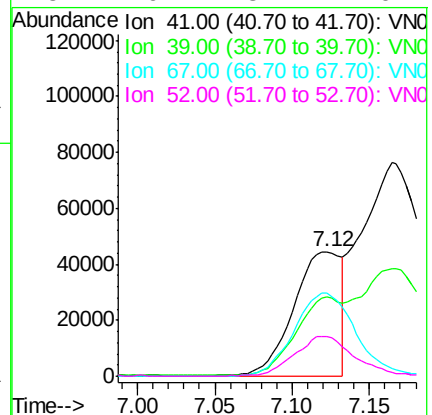
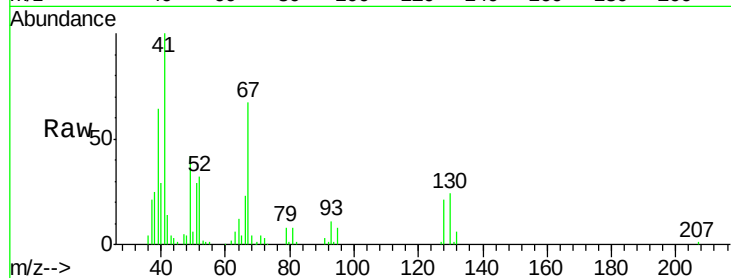




#41
Methacrylonitrile
Concen: 41.688 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VN064697.D
Acq: 17 Nov 2020 21:55

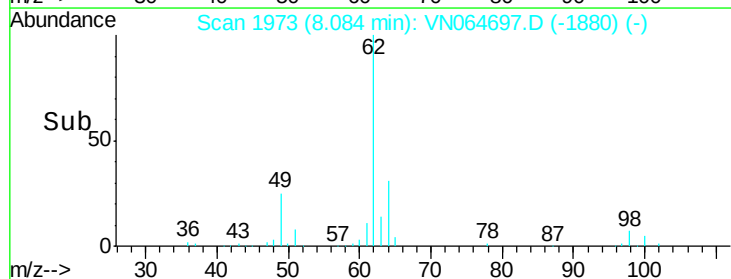
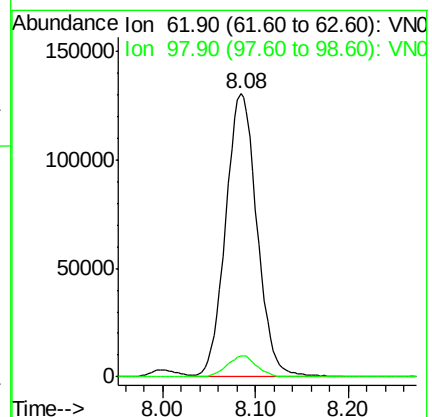
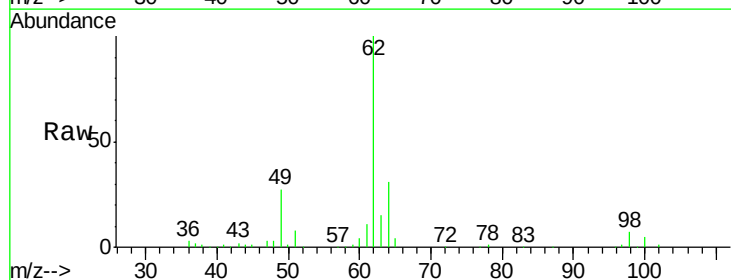
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

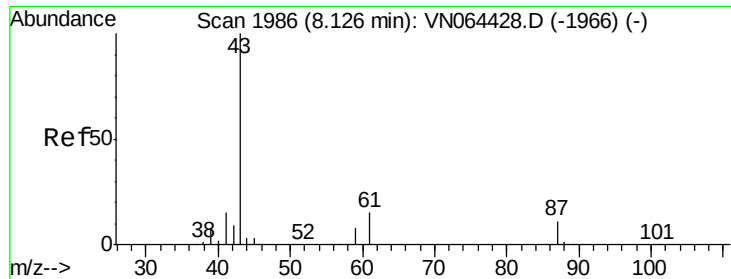
Tot Ion:	41	Resp:	95810
Ion	Ratio	Lower	Upper
41	100		
39	59.0	50.0	75.0
67	87.1	68.3	102.5
52	40.7	32.7	49.1



#42
1,2-Dichloroethane
Concen: 49.628 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN064697.D
Acq: 17 Nov 2020 21:55

Tgt Ion:	62	Resp:	305084
Ion	Ratio	Lower	Upper
62	100		
98	7.0	0.0	14.0





#43

Isopropyl Acetate

Concen: 49.049 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN064697.D

Acq: 17 Nov 2020 21:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

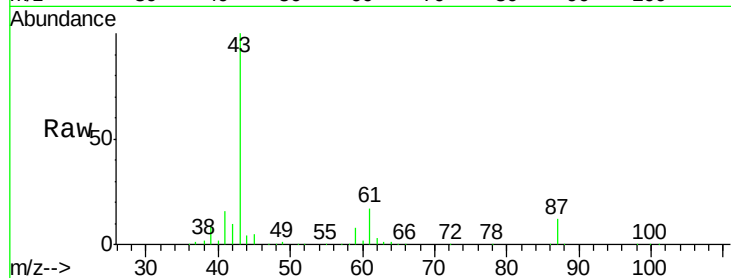
Tot Ion: 43 Resp: 412062

Ion Ratio Lower Upper

43 100

61 16.7 14.0 21.0

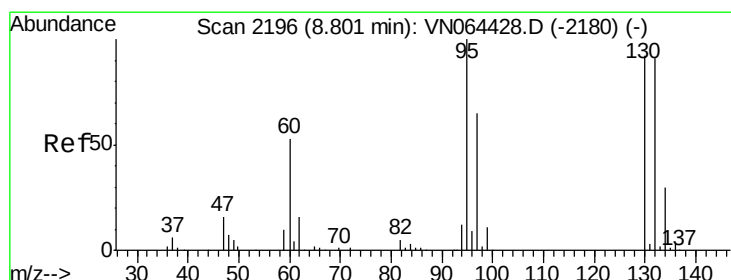
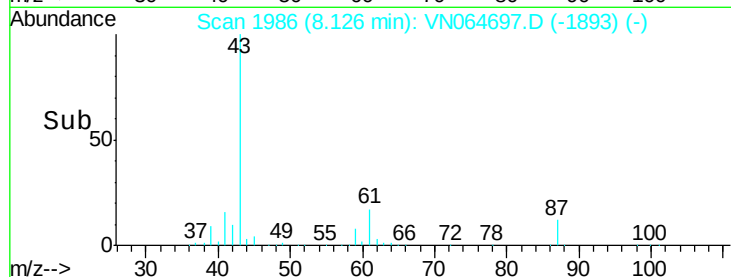
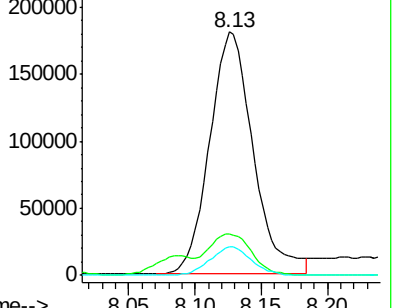
87 11.2 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VN064428.D (-1966) (-)

Ion 61.00 (60.70 to 61.70): VN064428.D (-1966) (-)

Ion 87.00 (86.70 to 87.70): VN064428.D (-1966) (-)



#44

Trichloroethene

Concen: 52.011 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN064697.D

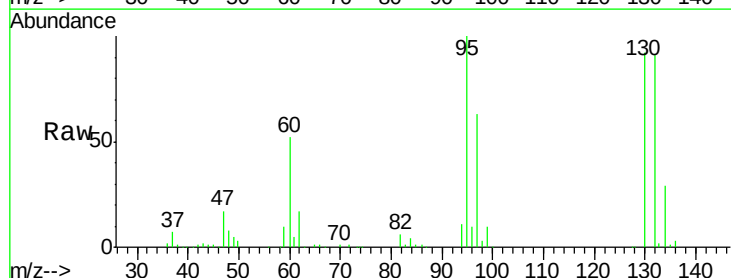
Acq: 17 Nov 2020 21:55

Tgt Ion:130 Resp: 199890

Ion Ratio Lower Upper

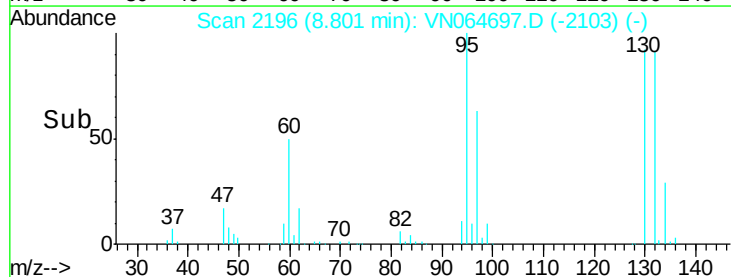
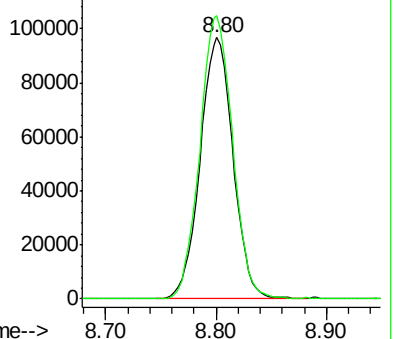
130 100

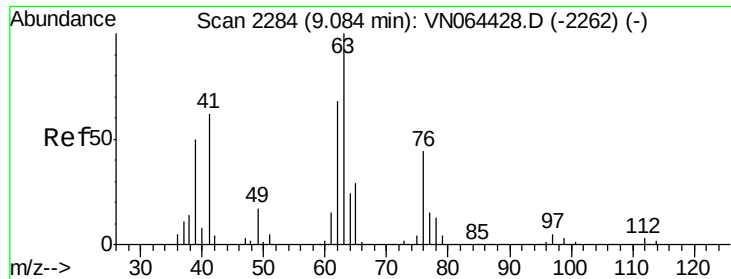
95 108.1 0.0 216.8



Abundance Ion 129.80 (129.50 to 130.50): VN064428.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN064428.D (-2180) (-)

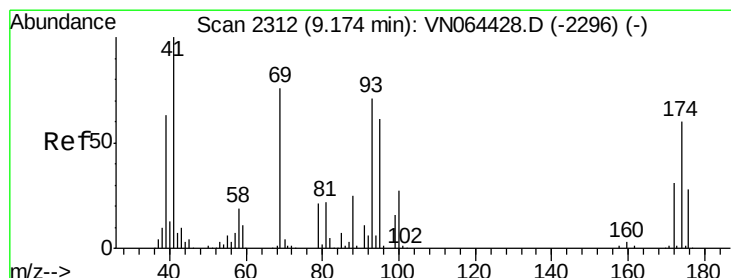
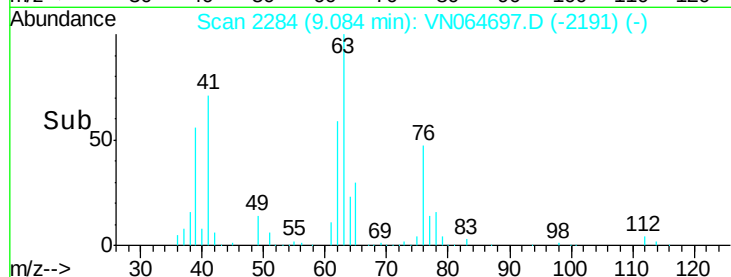
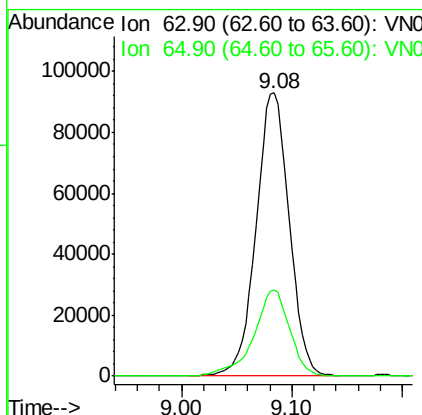
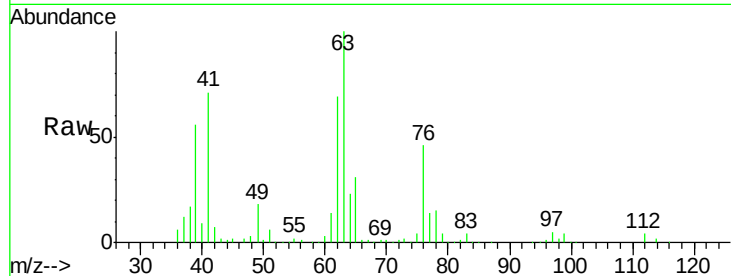




#45
 1,2-Dichloropropane
 Concen: 47.657 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN064697.D
 Acq: 17 Nov 2020 21:55

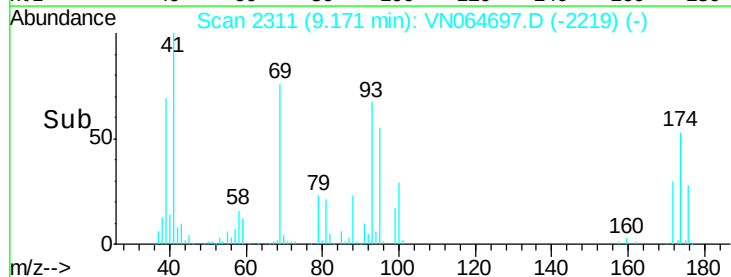
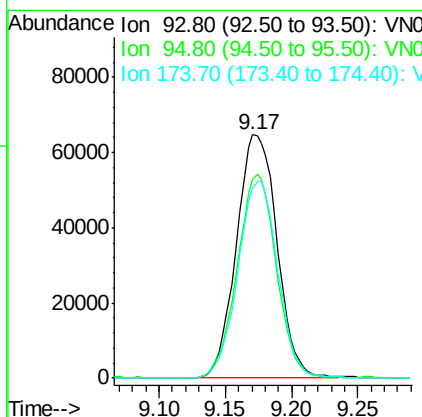
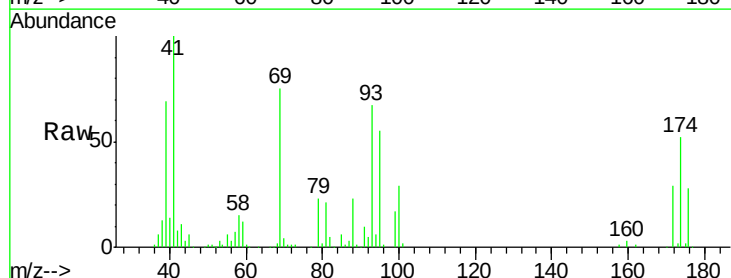
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

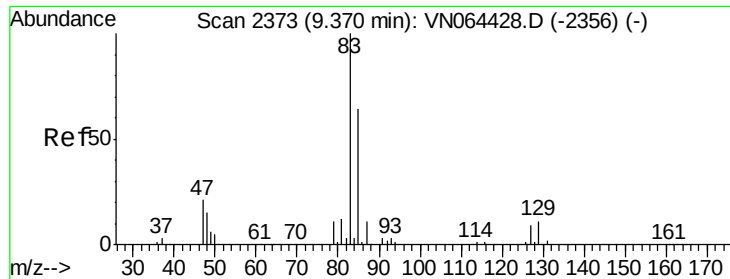
Tot Ion: 63 Resp: 193701
 Ion Ratio Lower Upper
 63 100
 65 30.7 23.6 35.4



#46
 Dibromomethane
 Concen: 51.502 ug/l
 RT: 9.17 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: VN064697.D
 Acq: 17 Nov 2020 21:55

Tgt Ion: 93 Resp: 137799
 Ion Ratio Lower Upper
 93 100
 95 80.5 66.4 99.6
 174 80.0 67.2 100.8





#47

Bromodichloromethane

Concen: 50.254 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN064697.D

Acq: 17 Nov 2020 21:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

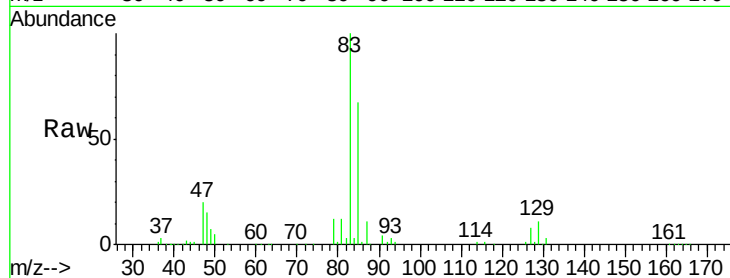
Tot Ion: 83 Resp: 289117

Ion Ratio Lower Upper

83 100

85 66.8 51.2 76.8

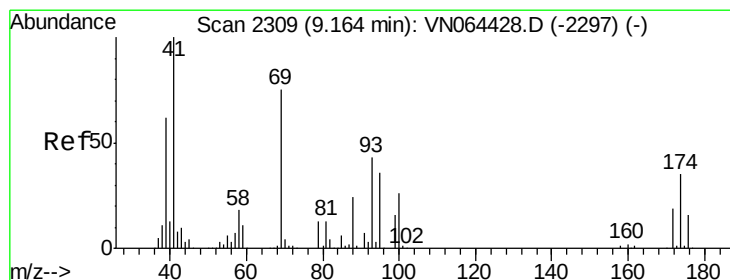
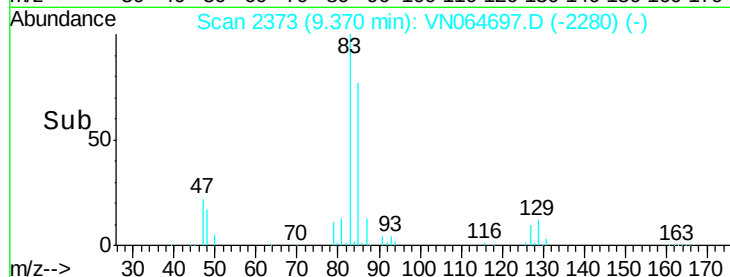
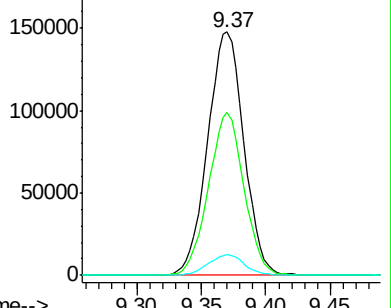
127 8.4 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VN064697.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN064697.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN064697.D (-2280) (-)



#48

Methyl methacrylate

Concen: 46.460 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN064697.D

Acq: 17 Nov 2020 21:55

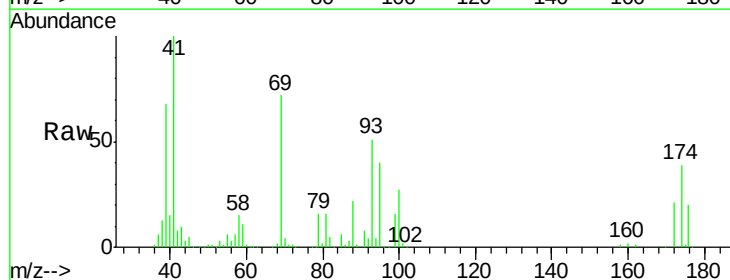
Tgt Ion: 41 Resp: 196950

Ion Ratio Lower Upper

41 100

69 75.5 60.4 90.6

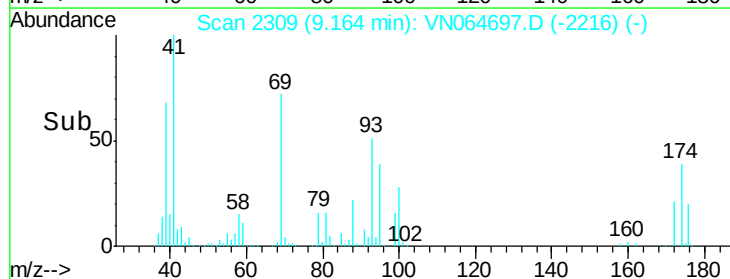
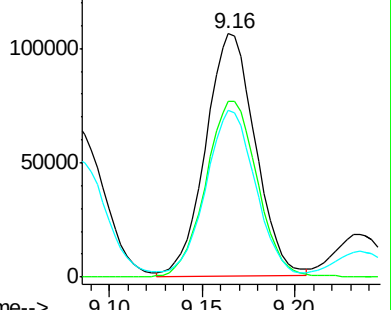
39 68.6 51.2 76.8

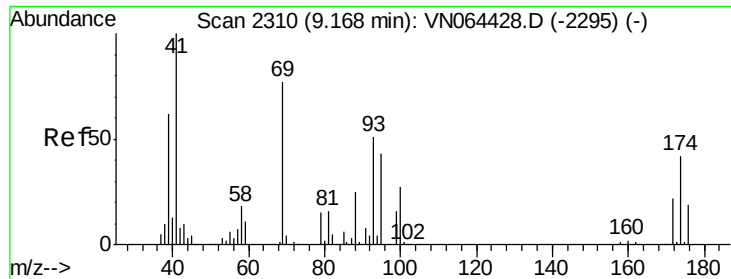


Abundance Ion 41.00 (40.70 to 41.70): VN064697.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN064697.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN064697.D (-2216) (-)





#49

1,4-Dioxane

Concen: 850.589 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN064697.D

Acq: 17 Nov 2020 21:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

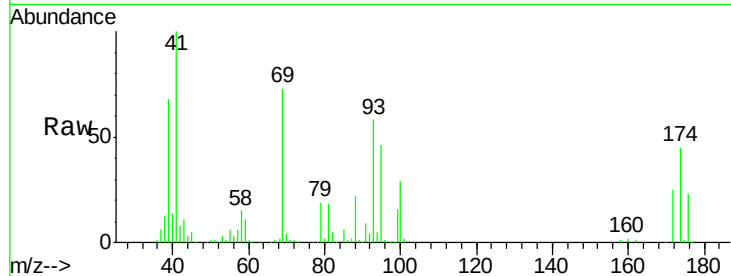
Tot Ion: 88 Resp: 47493

Ion Ratio Lower Upper

88 100

43 39.5 31.0 46.6

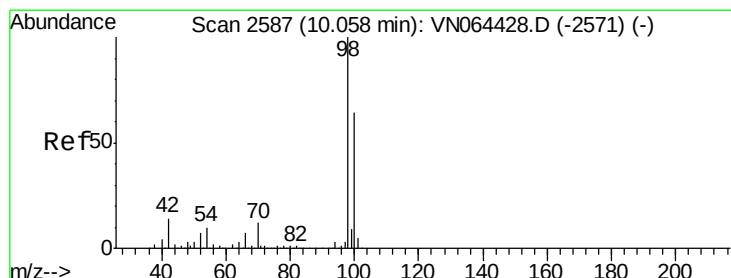
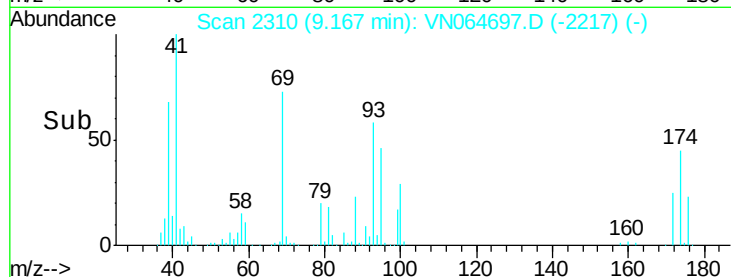
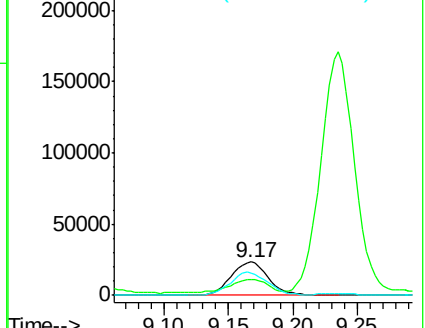
58 70.5 58.4 87.6



Abundance Ion 88.00 (87.70 to 88.70): VN064428.D (-2295) (-)

Ion 43.00 (42.70 to 43.70): VN064428.D (-2295) (-)

Ion 58.00 (57.70 to 58.70): VN064428.D (-2295) (-)



#50

Toluene-d8

Concen: 47.874 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN064697.D

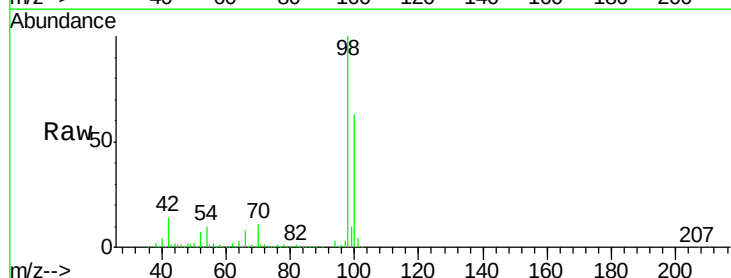
Acq: 17 Nov 2020 21:55

Tgt Ion: 98 Resp: 618195

Ion Ratio Lower Upper

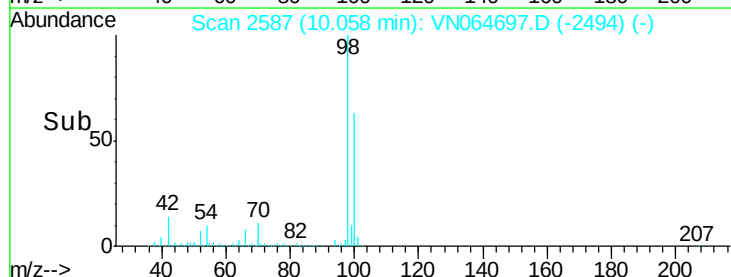
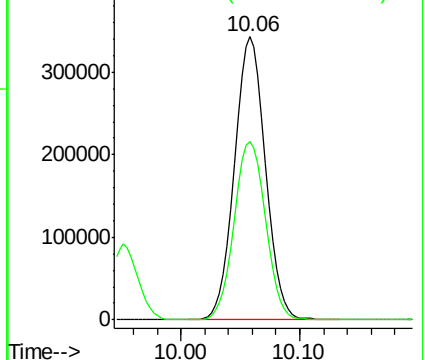
98 100

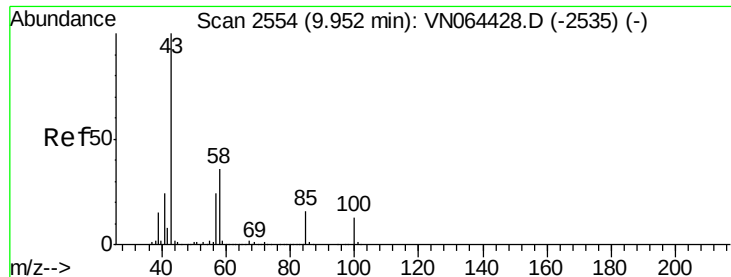
100 63.8 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN064428.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN064428.D (-2571) (-)





#51

4-Methyl-2-Pentanone

Concen: 238.929 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN064697.D

Acq: 17 Nov 2020 21:55

Instrument :

MSVOA_N

ClientSampleId :

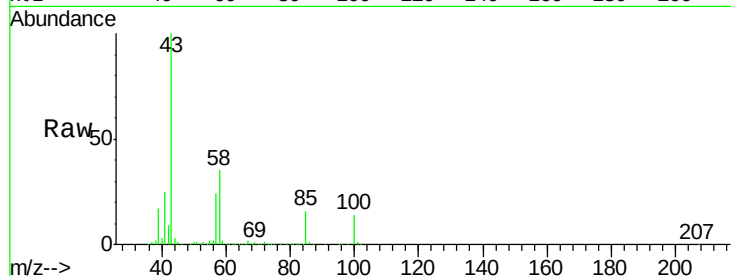
VSTDCCC050EC

Tot Ion: 43 Resp: 1170556

Ion Ratio Lower Upper

43 100

58 35.6 28.4 42.6



Abundance Ion 43.00 (42.70 to 43.70): VN064428.D (-2535) (-)

Ion 58.00 (57.70 to 58.70): VN064428.D (-2535) (-)

9.95

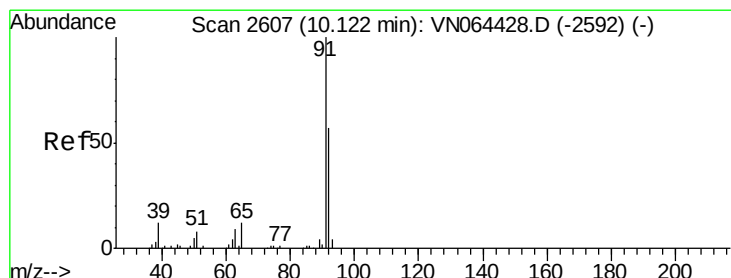
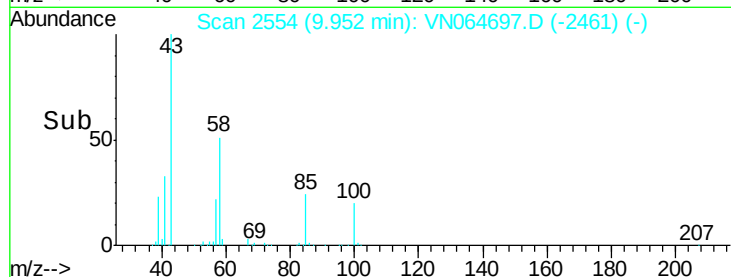
600000

400000

200000

0

Time--> 9.85 9.90 9.95 10.00



#52

Toluene

Concen: 49.092 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064697.D

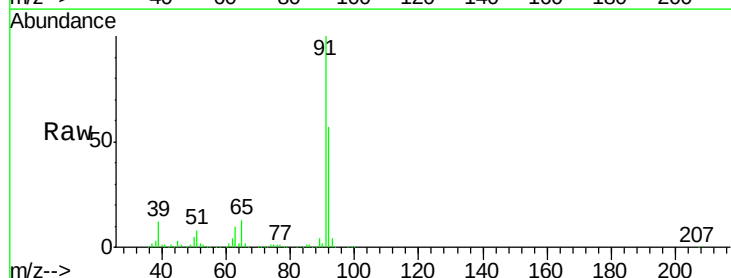
Acq: 17 Nov 2020 21:55

Tgt Ion: 92 Resp: 456106

Ion Ratio Lower Upper

92 100

91 174.6 139.6 209.4



Abundance Ion 92.00 (91.70 to 92.70): VN064428.D (-2592) (-)

Ion 91.00 (90.70 to 91.70): VN064428.D (-2592) (-)

10.12

500000

400000

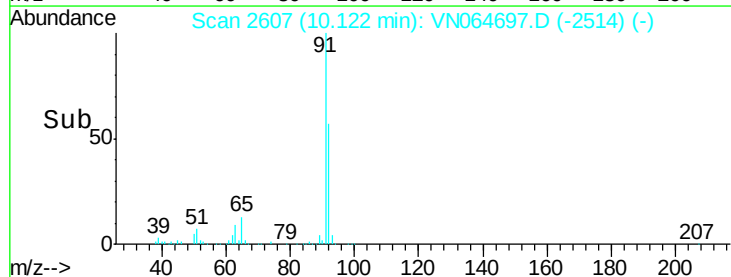
300000

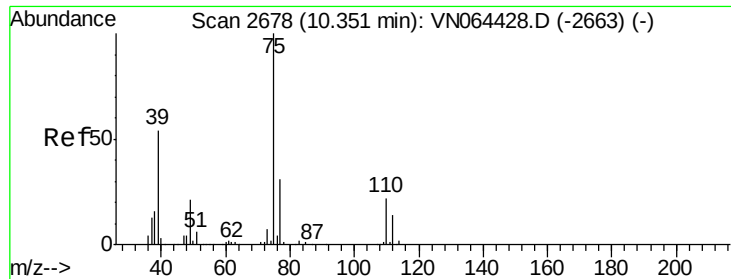
200000

100000

0

Time--> 10.05 10.10 10.15 10.20





#53

t-1,3-Dichloropropene

Concen: 52.445 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN064697.D

Acq: 17 Nov 2020 21:55

Instrument :

MSVOA_N

ClientSampleId :

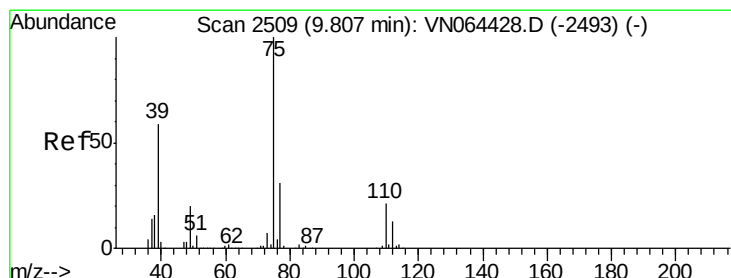
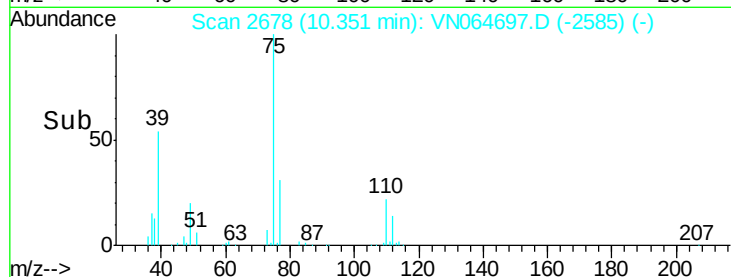
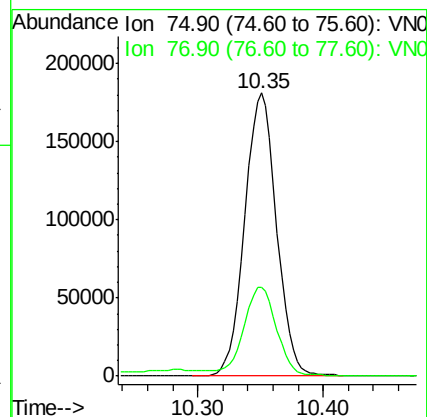
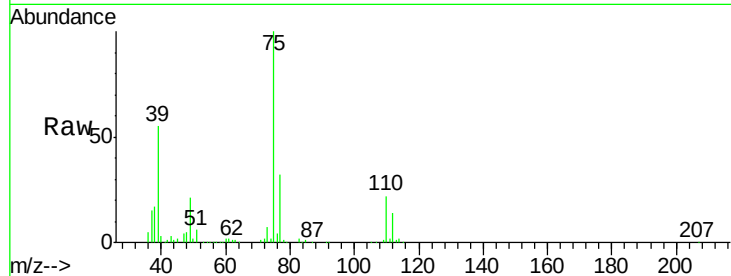
VSTDCCC050EC

Tot Ion: 75 Resp: 319878

Ion Ratio Lower Upper

75 100

77 31.3 24.8 37.2



#54

cis-1,3-Dichloropropene

Concen: 47.406 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN064697.D

Acq: 17 Nov 2020 21:55

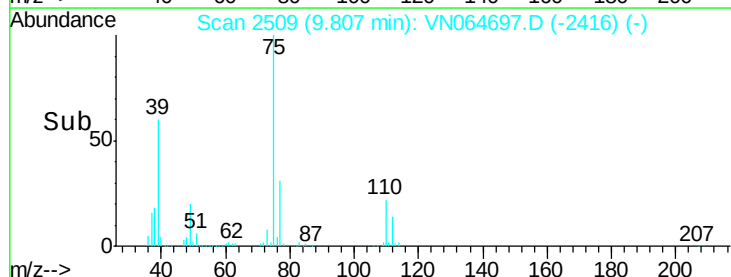
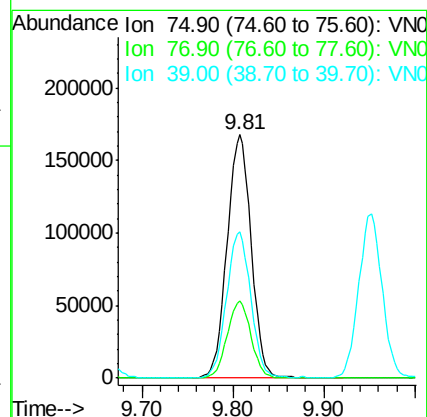
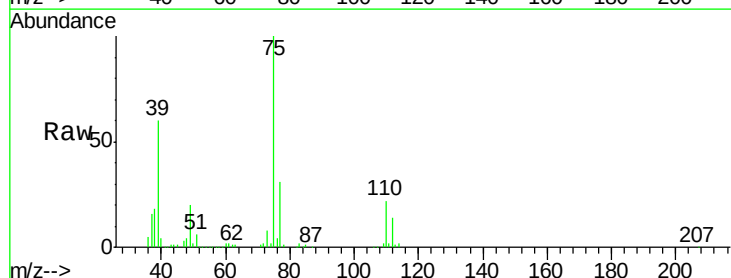
Tgt Ion: 75 Resp: 309144

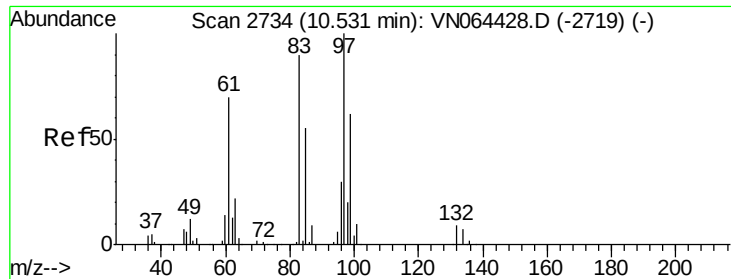
Ion Ratio Lower Upper

75 100

77 31.5 24.9 37.3

39 60.0 47.1 70.7



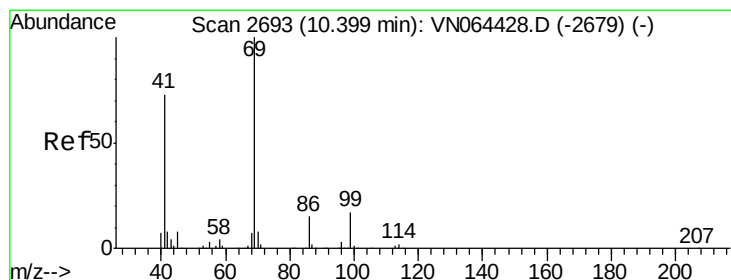
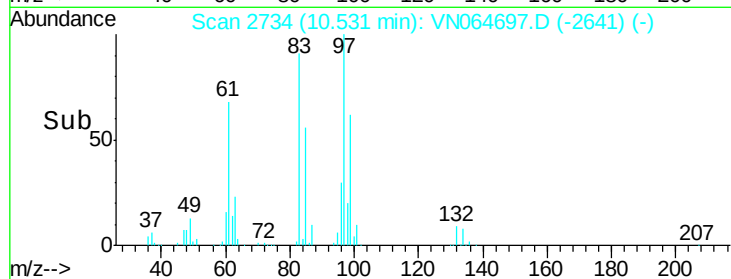
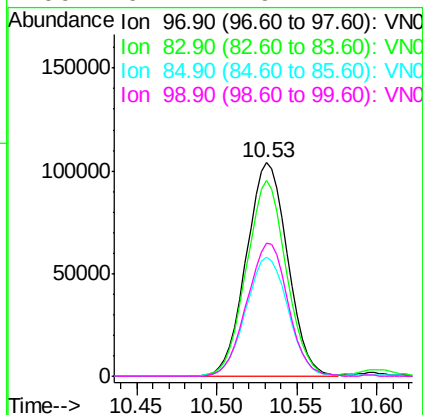
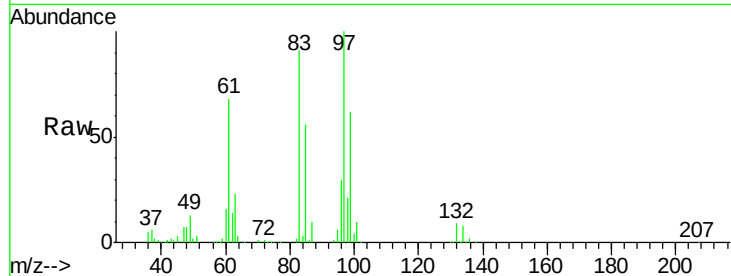


#55
 1,1,2-Trichloroethane
 Concen: 50.856 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN064697.D
 Acq: 17 Nov 2020 21:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 97 Resp: 184269

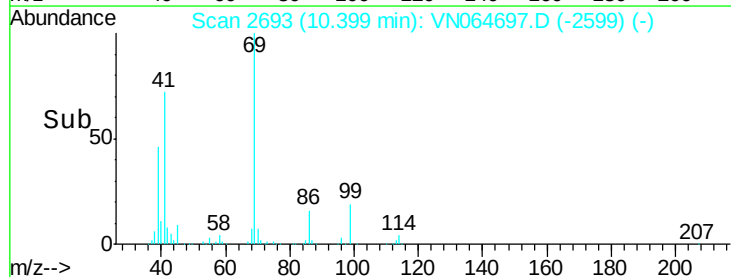
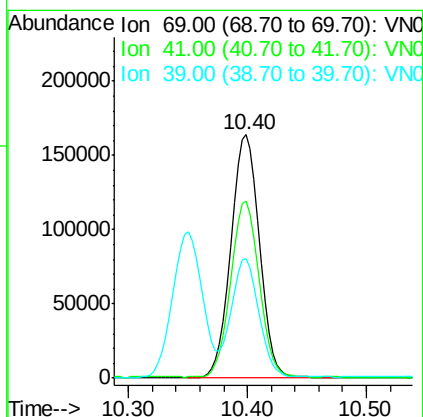
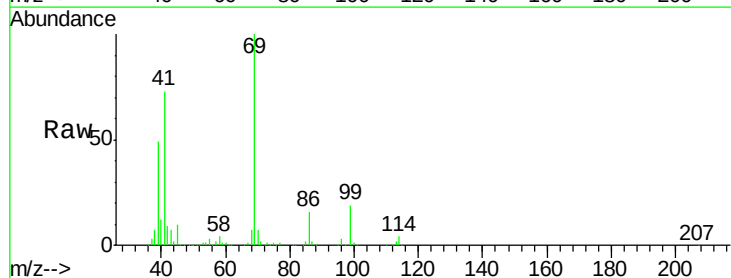
Ion	Ratio	Lower	Upper
97	100		
83	91.5	71.7	107.5
85	55.9	44.3	66.5
99	62.1	49.4	74.2

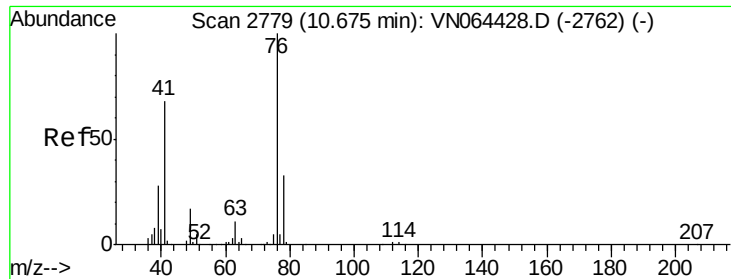


#56
 Ethyl methacrylate
 Concen: 46.070 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN064697.D
 Acq: 17 Nov 2020 21:55

Tgt Ion: 69 Resp: 273748

Ion	Ratio	Lower	Upper
69	100		
41	71.7	59.3	88.9
39	46.5	35.4	53.0

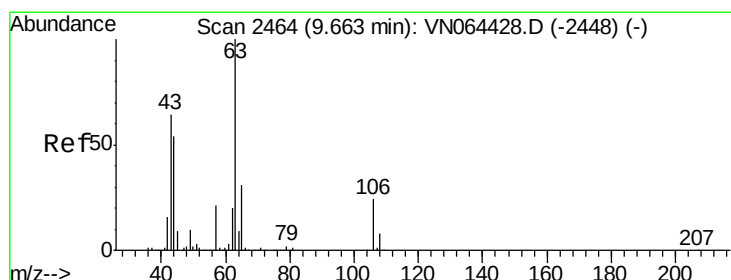
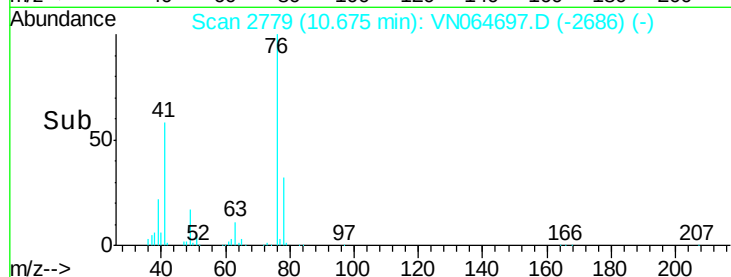
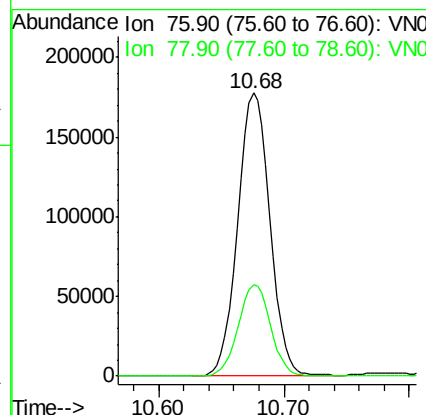
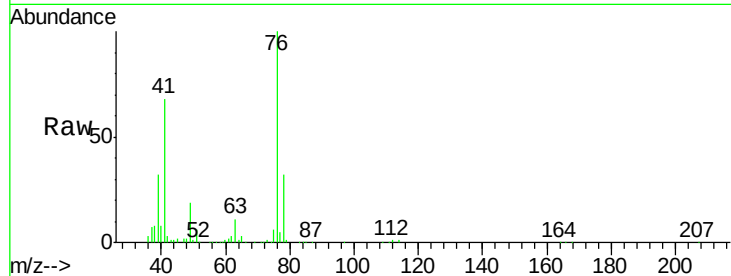




#57
 1,3-Dichloropropane
 Concen: 50.226 ug/l
 RT: 10.68 min Scan# 2779
 Delta R.T. -0.00 min
 Lab File: VN064697.D
 Acq: 17 Nov 2020 21:55

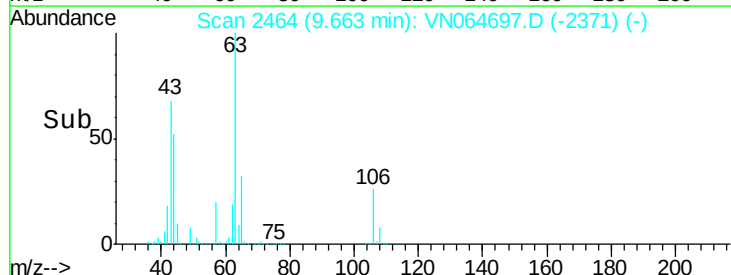
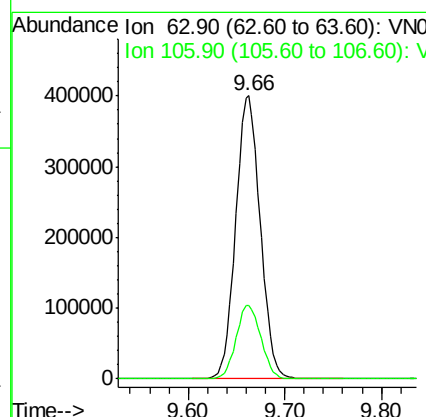
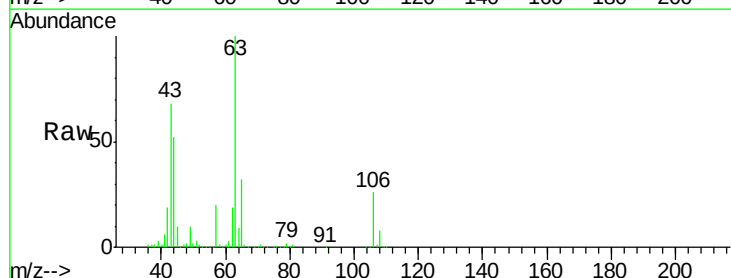
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

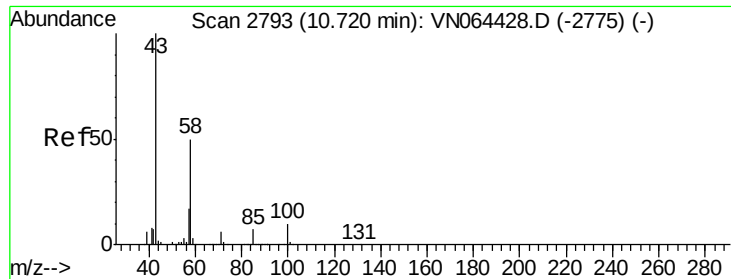
Tot Ion: 76 Resp: 317653
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 250.211 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN064697.D
 Acq: 17 Nov 2020 21:55

Tgt Ion: 63 Resp: 704881
 Ion Ratio Lower Upper
 63 100
 106 26.2 19.5 29.3

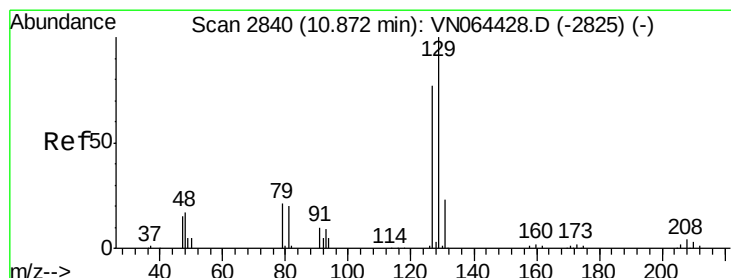
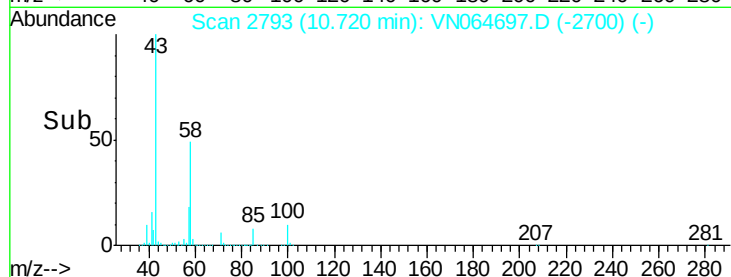
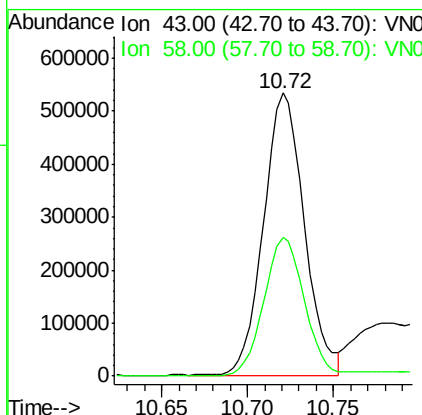
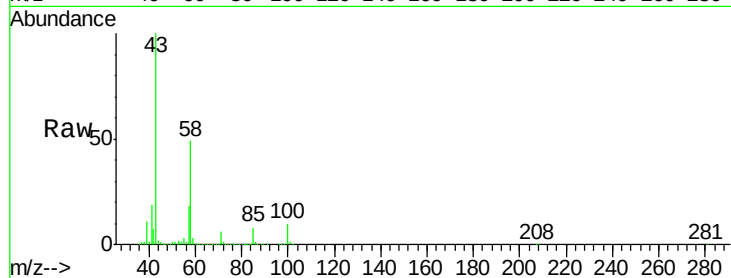




#59
2-Hexanone
Concen: 219.053 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN064697.D
Acq: 17 Nov 2020 21:55

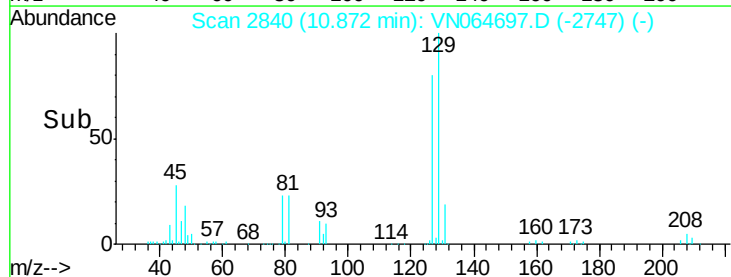
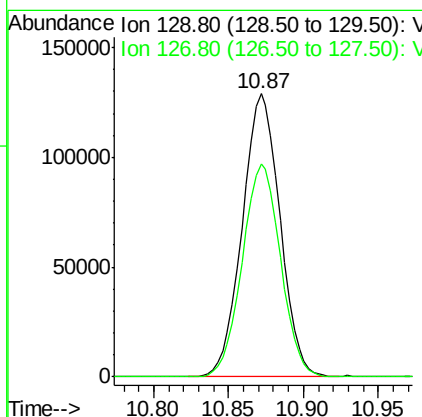
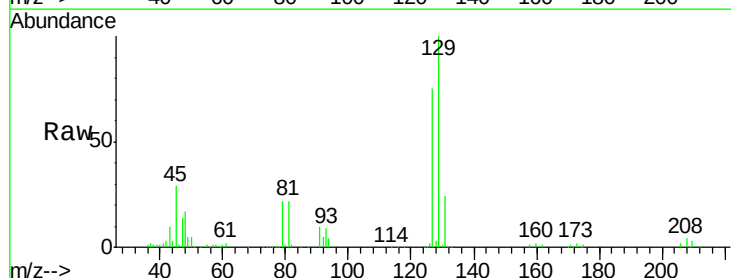
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

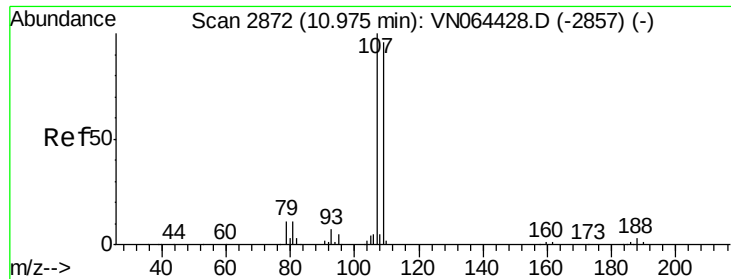
Tot Ion: 43 Resp: 873091
Ion Ratio Lower Upper
43 100
58 49.0 24.7 74.1



#60
Dibromochloromethane
Concen: 55.841 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064697.D
Acq: 17 Nov 2020 21:55

Tgt Ion: 129 Resp: 226532
Ion Ratio Lower Upper
129 100
127 76.2 38.9 116.7

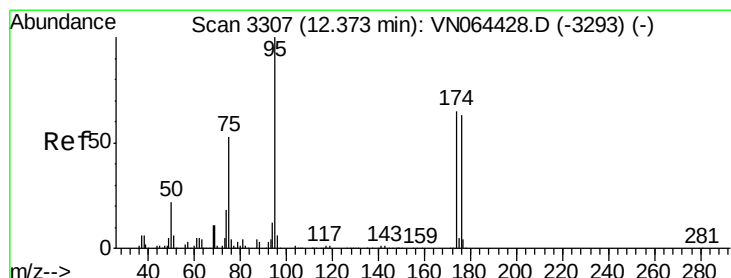
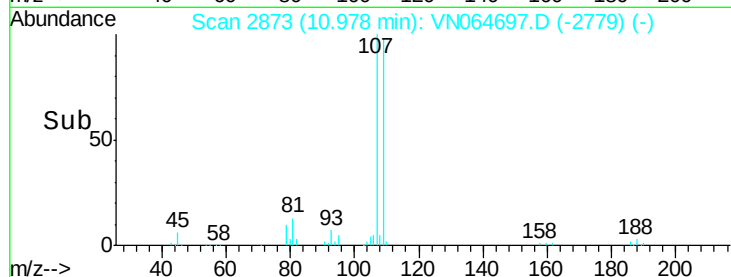
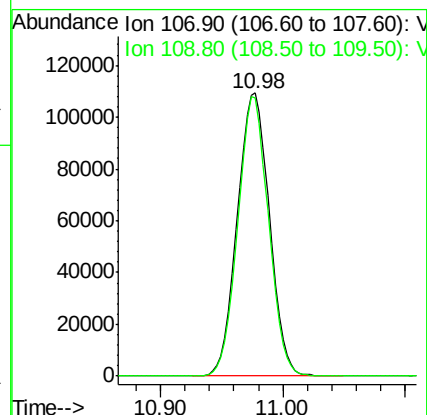
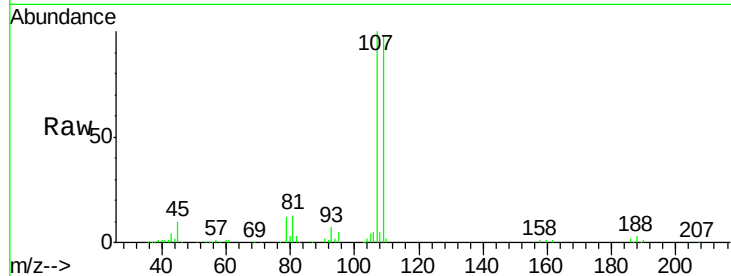




#61
 1,2-Dibromoethane
 Concen: 54.285 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN064697.D
 Acq: 17 Nov 2020 21:55

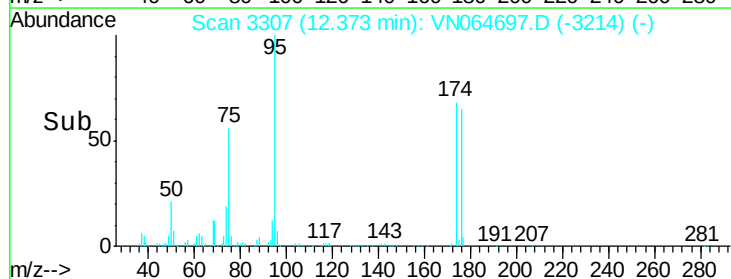
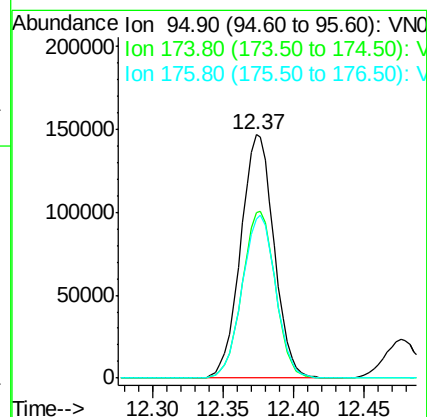
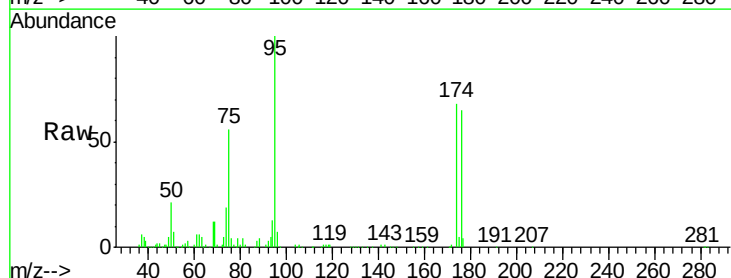
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

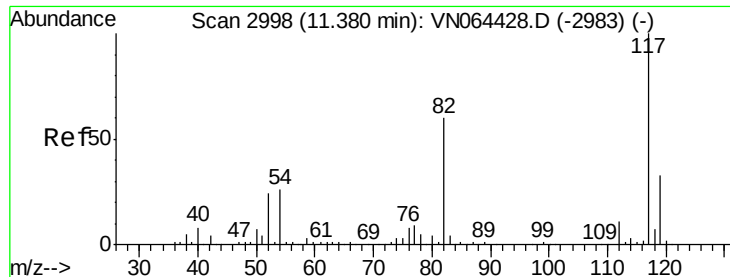
Tot Ion: 107 Resp: 199511
 Ion Ratio Lower Upper
 107 100
 109 94.6 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 49.956 ug/l
 RT: 12.37 min Scan# 3307
 Delta R.T. -0.00 min
 Lab File: VN064697.D
 Acq: 17 Nov 2020 21:55

Tgt Ion: 95 Resp: 243960
 Ion Ratio Lower Upper
 95 100
 174 68.1 0.0 132.6
 176 67.5 0.0 129.2

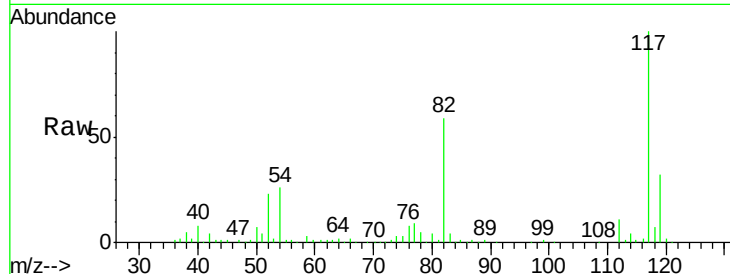




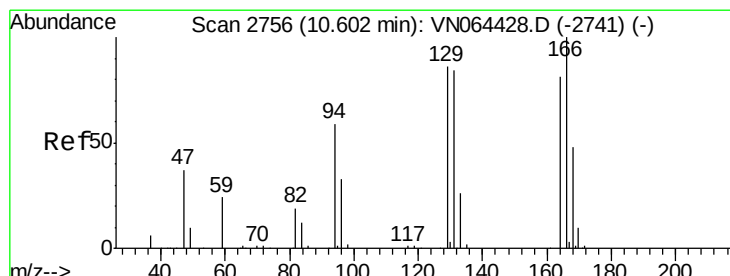
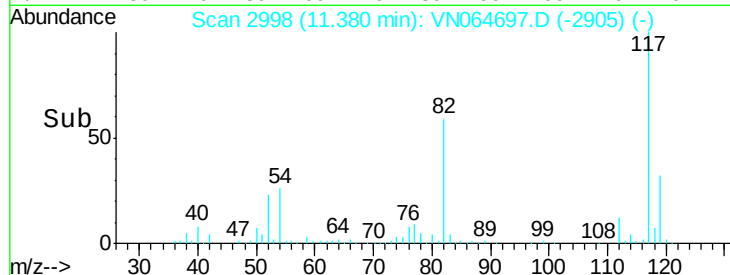
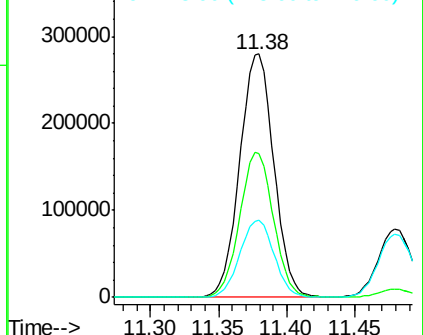
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064697.D
Acq: 17 Nov 2020 21:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 486418
Ion Ratio Lower Upper
117 100
82 58.8 48.1 72.1
119 31.9 26.2 39.4

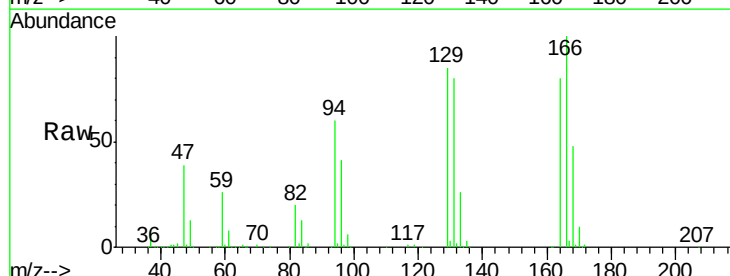


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

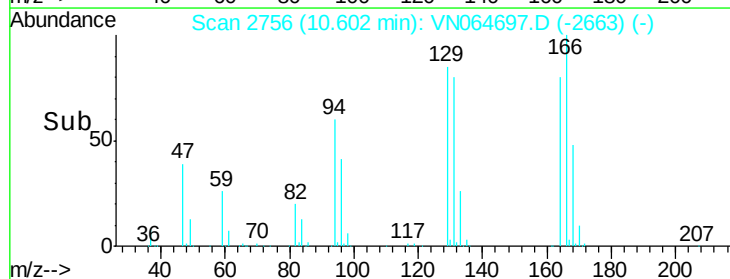
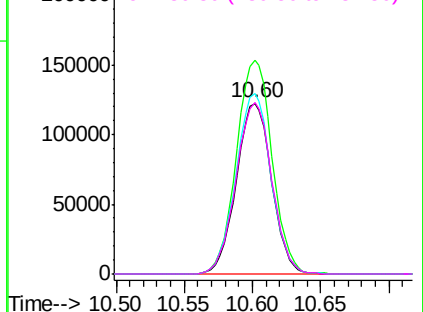


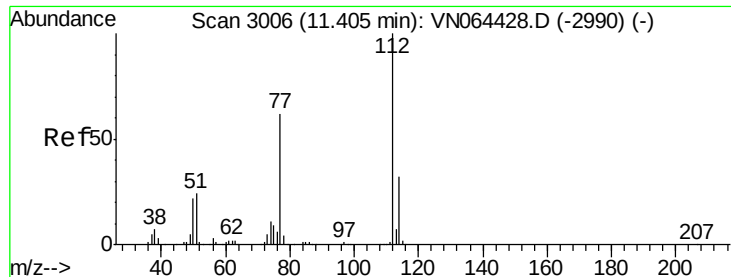
#64
Tetrachloroethene
Concen: 58.561 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN064697.D
Acq: 17 Nov 2020 21:55

Tgt Ion:164 Resp: 219422
Ion Ratio Lower Upper
164 100
166 125.2 98.2 147.2
129 106.1 84.6 127.0
131 100.2 82.2 123.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 47.624 ug/l

RT: 11.40 min Scan# 3005

Delta R.T. -0.00 min

Lab File: VN064697.D

Acq: 17 Nov 2020 21:55

Instrument :

MSVOA_N

ClientSampleId :

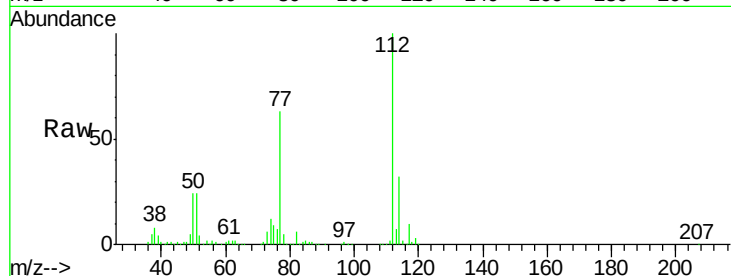
VSTDCCC050EC

Tot Ion:112 Resp: 507829

Ion Ratio Lower Upper

112 100

114 31.7 25.6 38.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.40

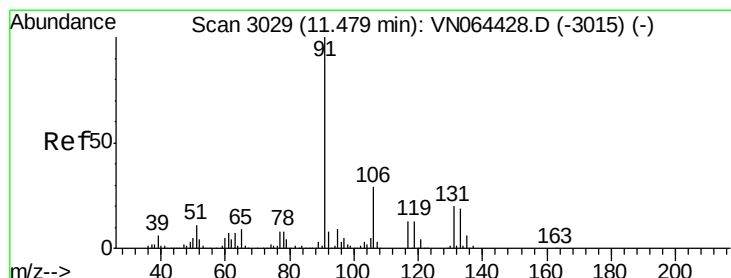
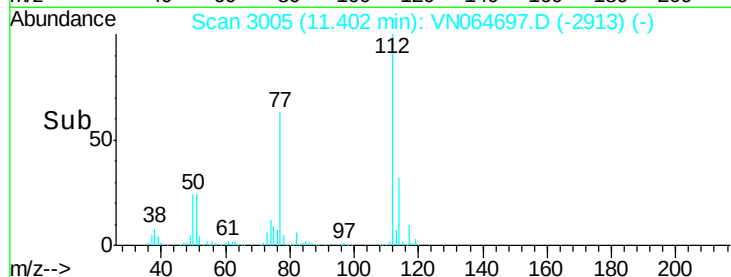
300000

200000

100000

0

Time--> 11.30 11.40 11.50



#66

1,1,1,2-Tetrachloroethane

Concen: 49.406 ug/l

RT: 11.48 min Scan# 3029

Delta R.T. -0.00 min

Lab File: VN064697.D

Acq: 17 Nov 2020 21:55

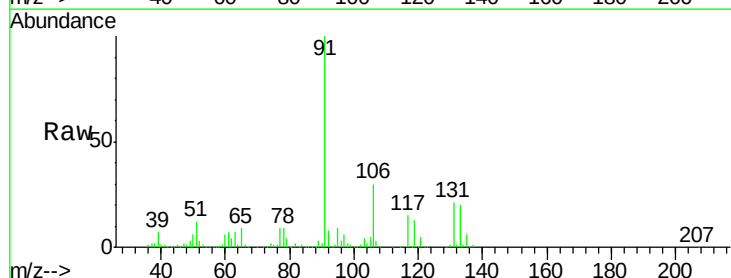
Tgt Ion:131 Resp: 196541

Ion Ratio Lower Upper

131 100

133 96.1 46.9 140.7

119 64.9 32.1 96.5



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

11.48

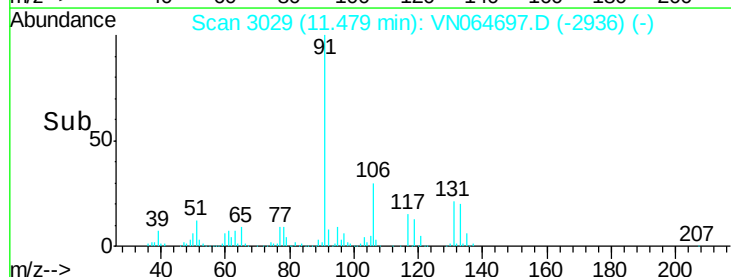
150000

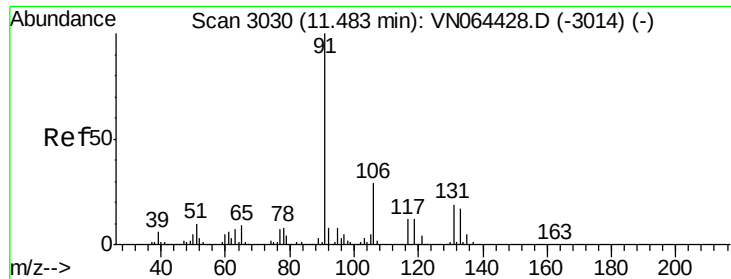
100000

50000

0

Time--> 11.40 11.45 11.50 11.55

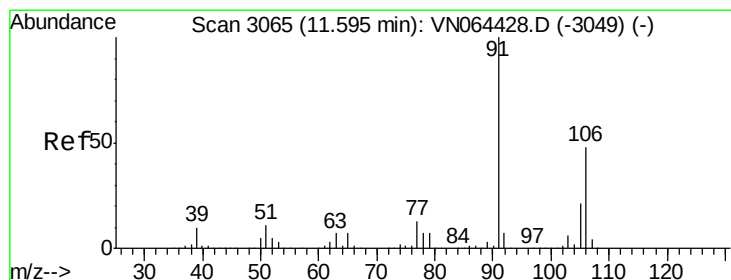
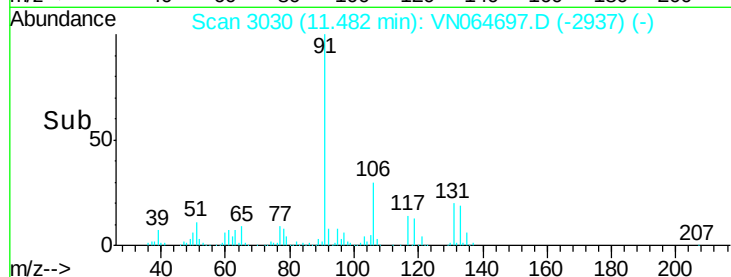
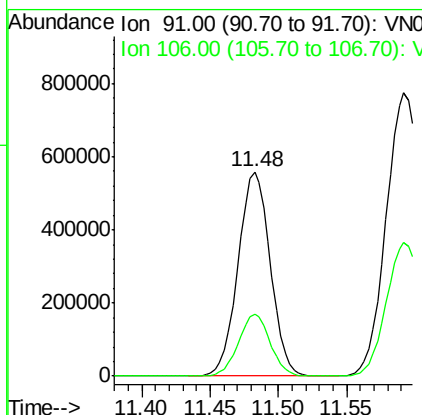
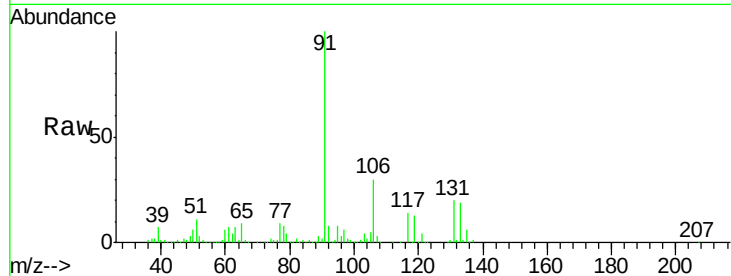




#67
Ethyl Benzene
Concen: 48.331 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN064697.D
Acq: 17 Nov 2020 21:55

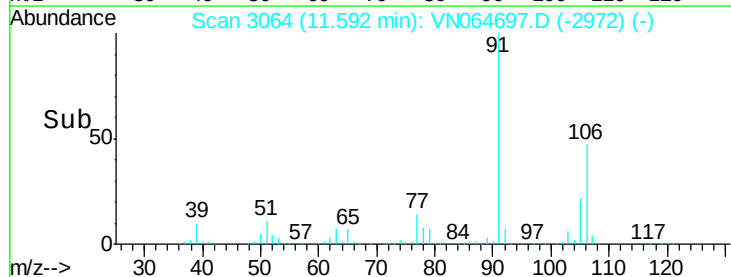
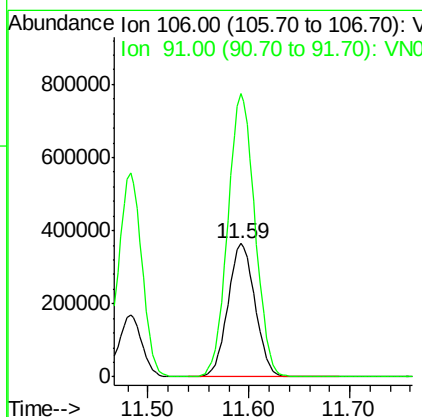
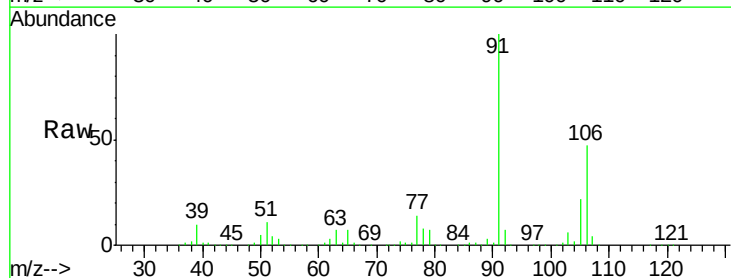
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

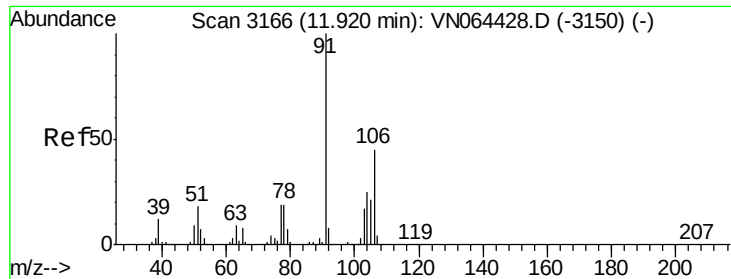
Tot Ion: 91 Resp: 916702
Ion Ratio Lower Upper
91 100
106 30.2 23.6 35.4



#68
m/p-Xylenes
Concen: 99.097 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN064697.D
Acq: 17 Nov 2020 21:55

Tgt Ion: 106 Resp: 681661
Ion Ratio Lower Upper
106 100
91 212.4 169.4 254.2

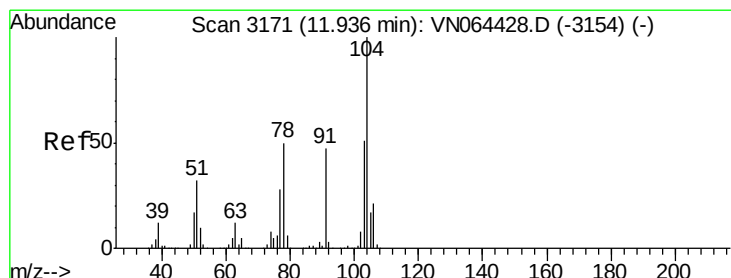
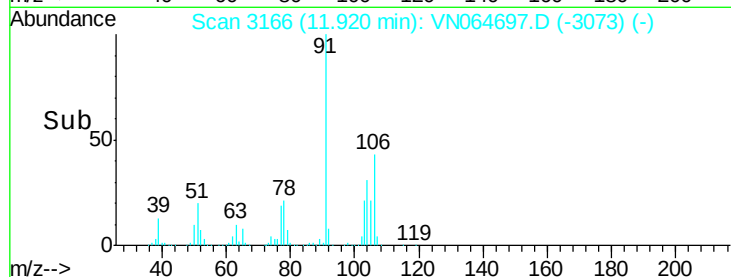
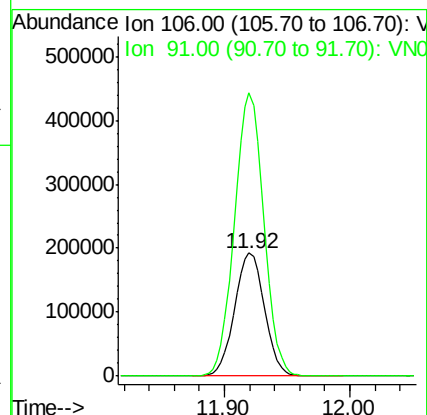
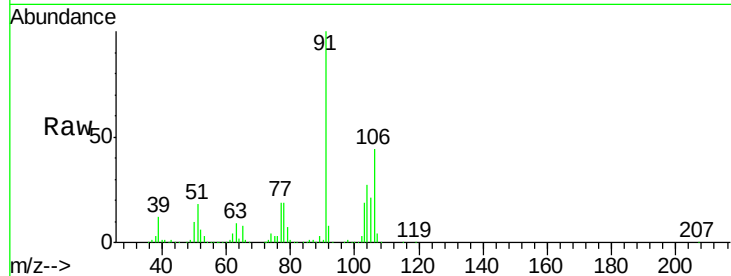




#69
o-Xylene
Concen: 48.043 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN064697.D
Acq: 17 Nov 2020 21:55

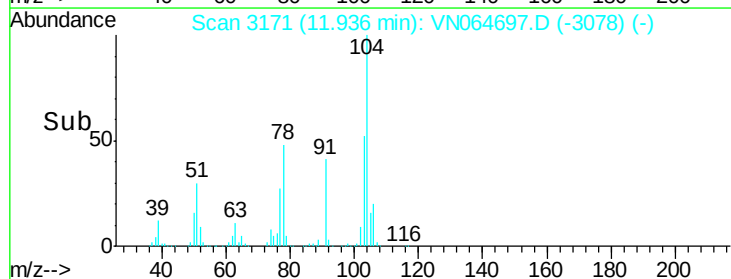
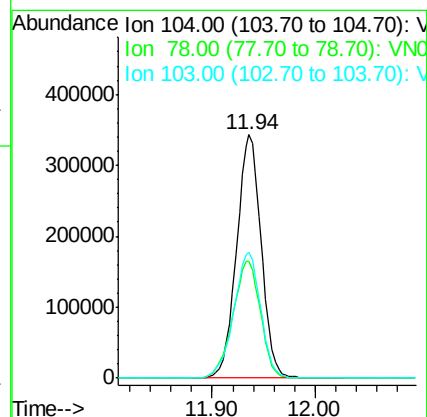
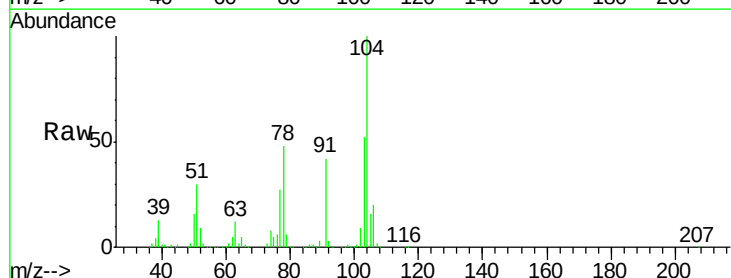
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

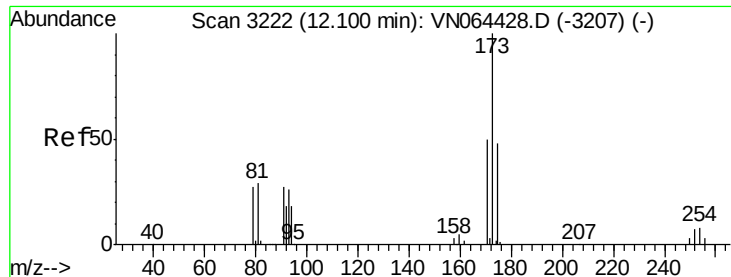
Tot Ion:106 Resp: 319341
Ion Ratio Lower Upper
106 100
91 225.5 111.7 334.9



#70
Styrene
Concen: 51.014 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064697.D
Acq: 17 Nov 2020 21:55

Tgt Ion:104 Resp: 570600
Ion Ratio Lower Upper
104 100
78 53.9 44.0 66.0
103 56.3 43.8 65.6





#71

Bromoform

Concen: 47.463 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064697.D

Acq: 17 Nov 2020 21:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

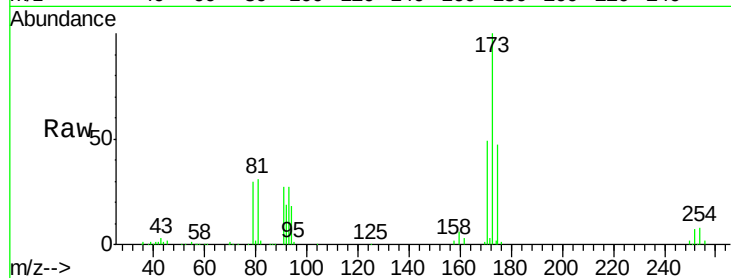
Tot Ion:173 Resp: 141576

Ion Ratio Lower Upper

173 100

175 47.7 23.7 71.1

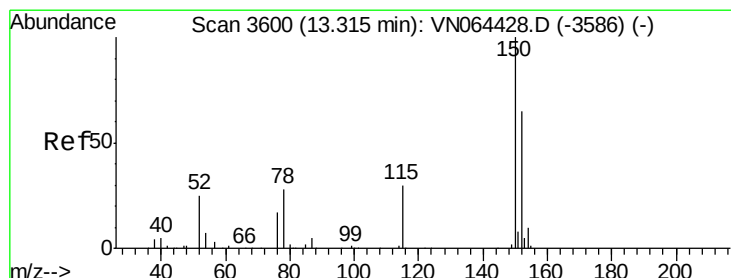
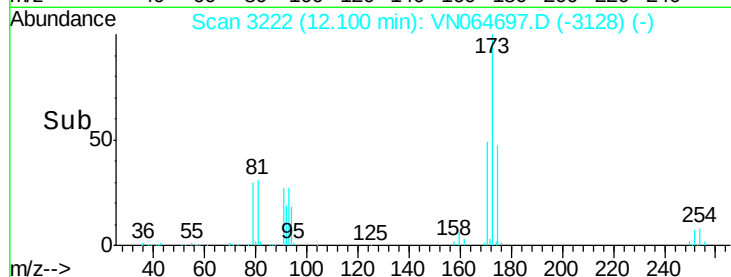
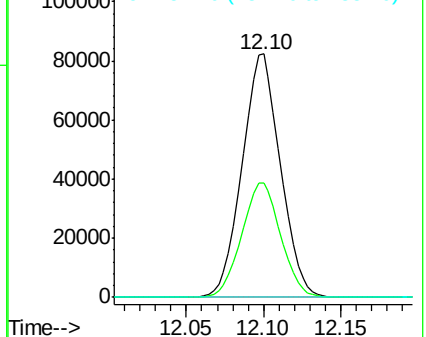
254 0.0 0.0 0.0



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# 3600

Delta R.T. -0.00 min

Lab File: VN064697.D

Acq: 17 Nov 2020 21:55

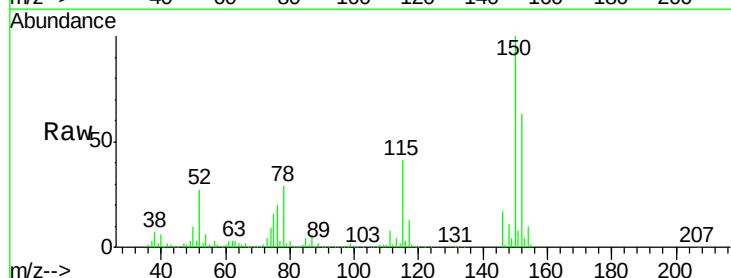
Tgt Ion:152 Resp: 242476

Ion Ratio Lower Upper

152 100

115 65.1 32.0 96.0

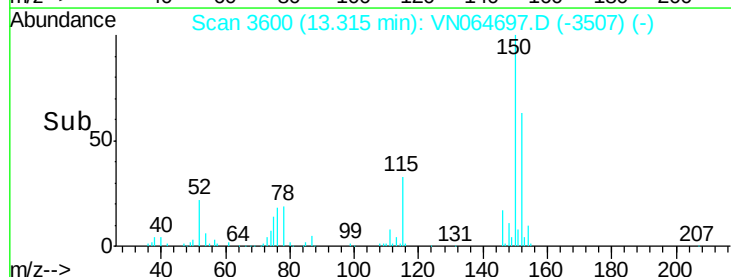
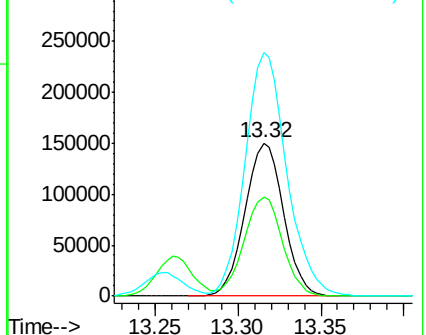
150 173.1 0.0 353.8

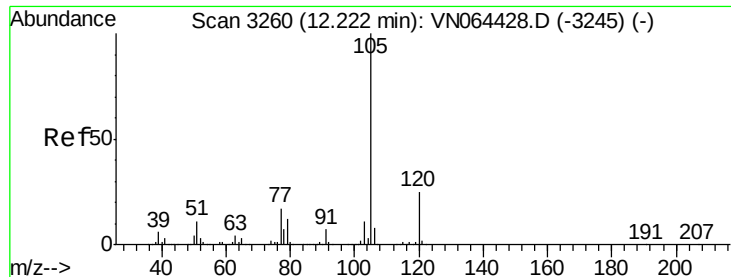


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

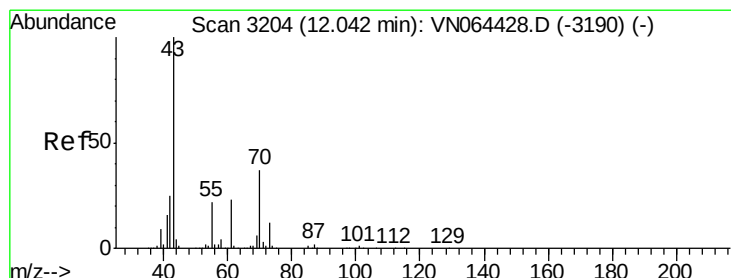
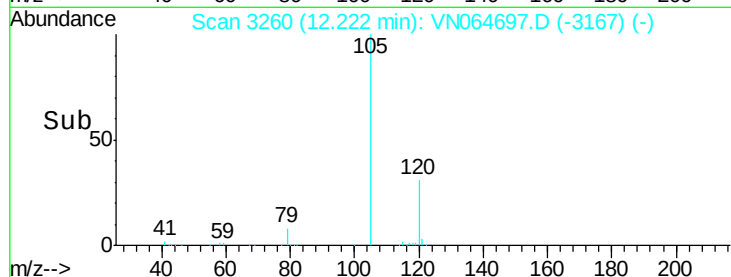
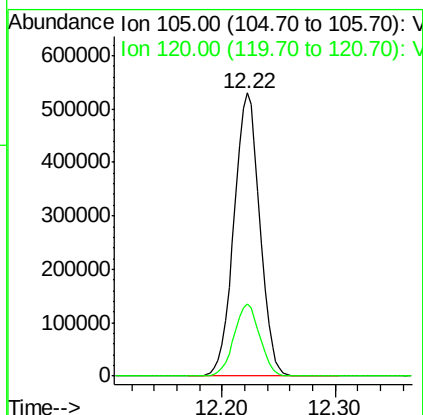
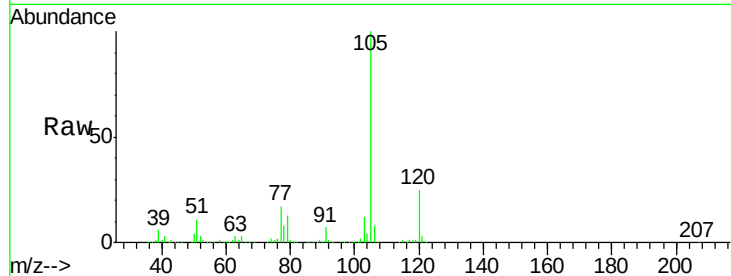




#73
Isopropylbenzene
Concen: 43.627 ug/l
RT: 12.22 min Scan# 3260
Delta R.T. -0.00 min
Lab File: VN064697.D
Acq: 17 Nov 2020 21:55

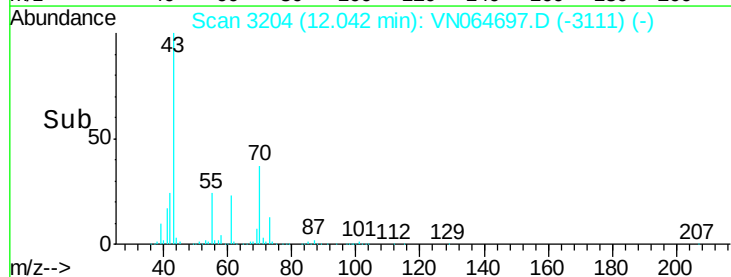
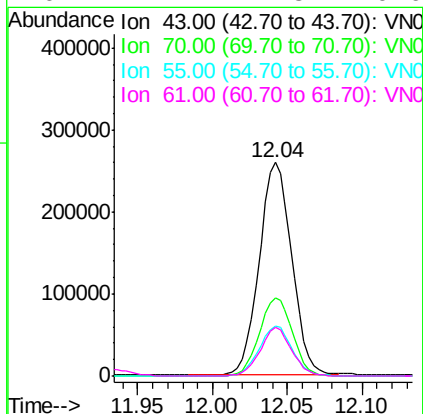
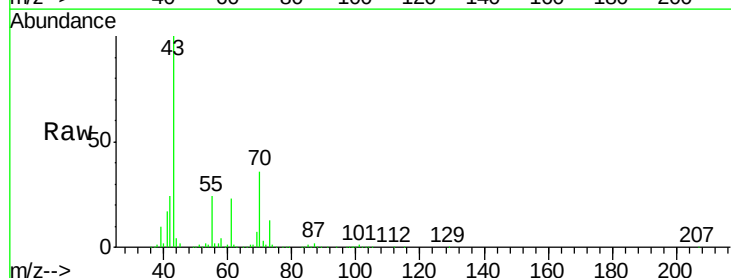
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

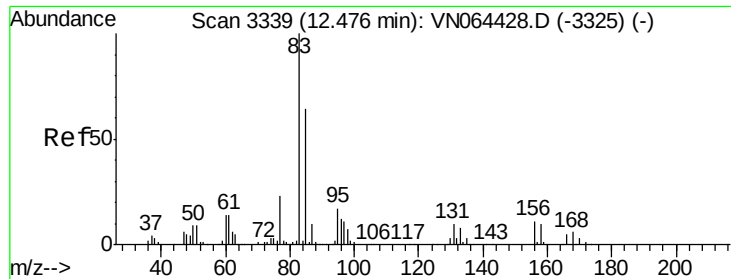
Tot Ion:105 Resp: 840818
Ion Ratio Lower Upper
105 100
120 25.5 12.8 38.3



#74
N-ethyl acetate
Concen: 42.055 ug/l
RT: 12.04 min Scan# 3204
Delta R.T. -0.00 min
Lab File: VN064697.D
Acq: 17 Nov 2020 21:55

Tgt Ion: 43 Resp: 391248
Ion Ratio Lower Upper
43 100
70 37.4 29.6 44.4
55 23.9 18.4 27.6
61 22.2 17.8 26.6





#75

1,1,2,2-Tetrachloroethane

Concen: 37.686 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN064697.D

Acq: 17 Nov 2020 21:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

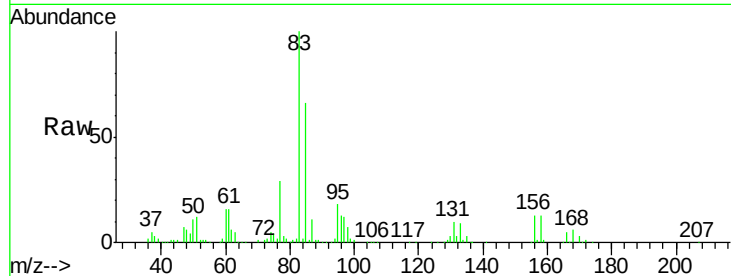
Tot Ion: 83 Resp: 223086

Ion Ratio Lower Upper

83 100

131 9.9 4.9 14.7

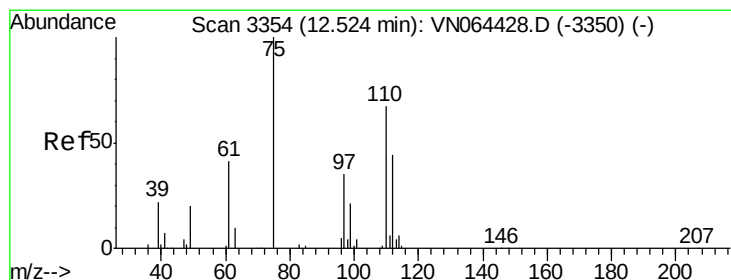
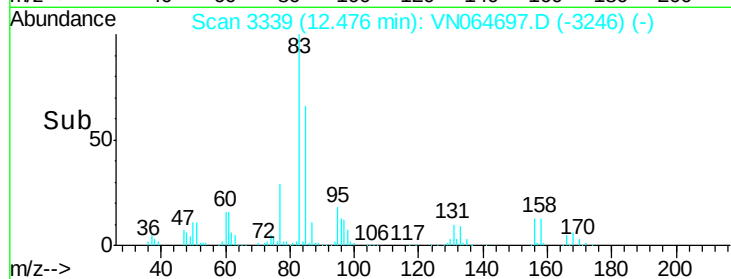
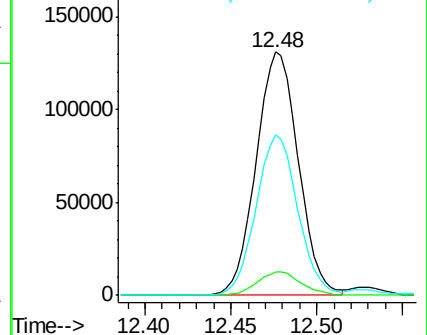
85 65.0 32.1 96.5



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 62.949 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064697.D

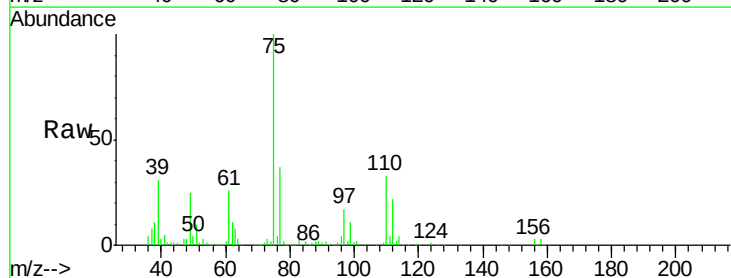
Acq: 17 Nov 2020 21:55

Tgt Ion: 75 Resp: 369826

Ion Ratio Lower Upper

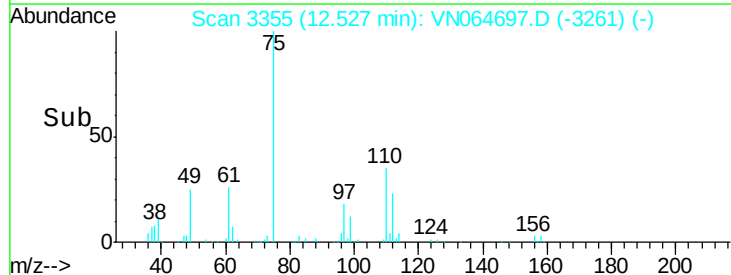
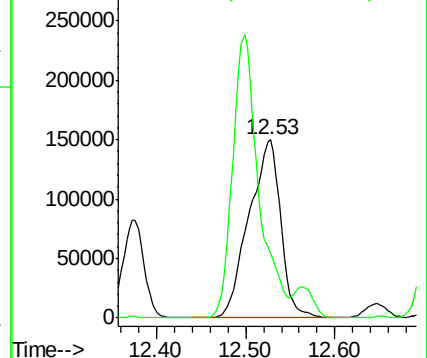
75 100

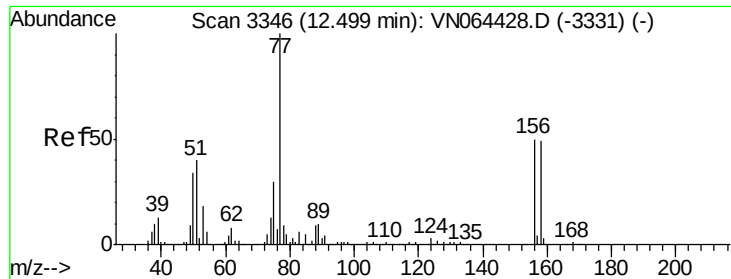
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

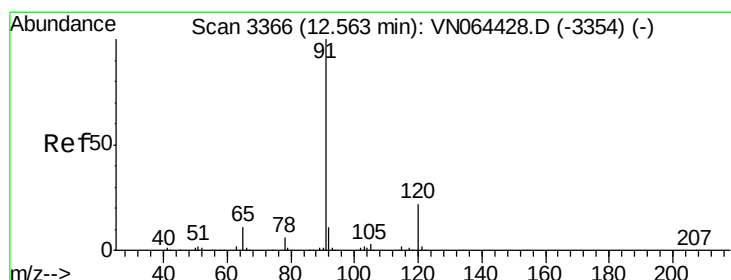
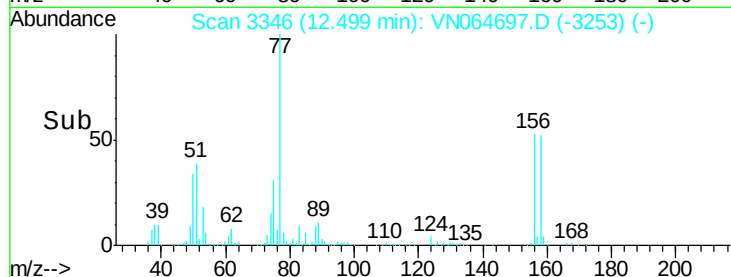
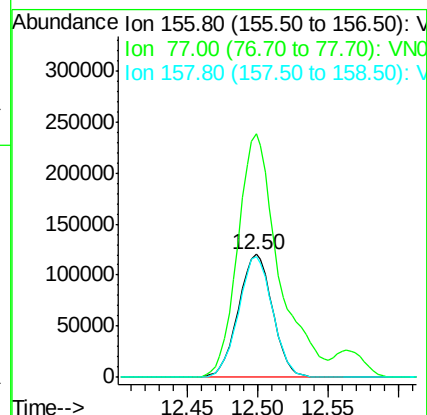
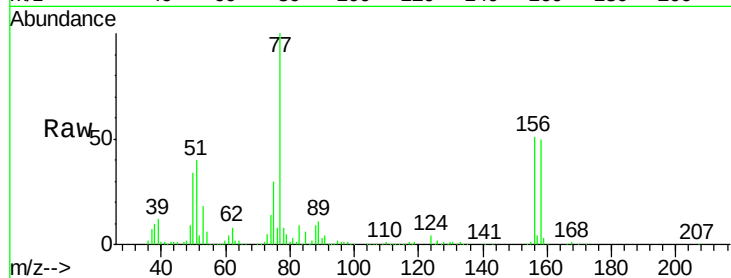




#77
Bromobenzene
Concen: 43.624 ug/l
RT: 12.50 min Scan# 3346
Delta R.T. -0.00 min
Lab File: VN064697.D
Acq: 17 Nov 2020 21:55

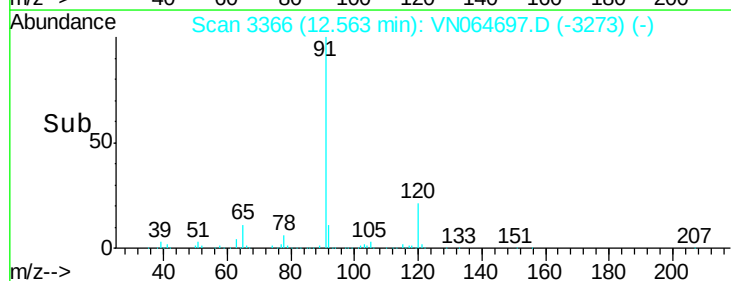
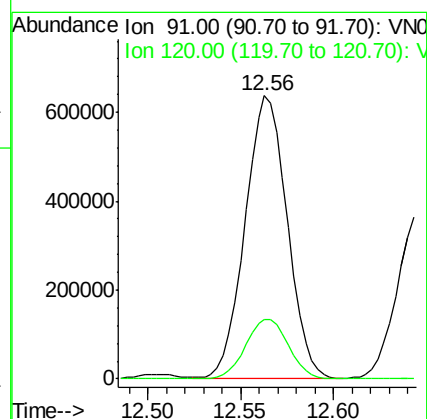
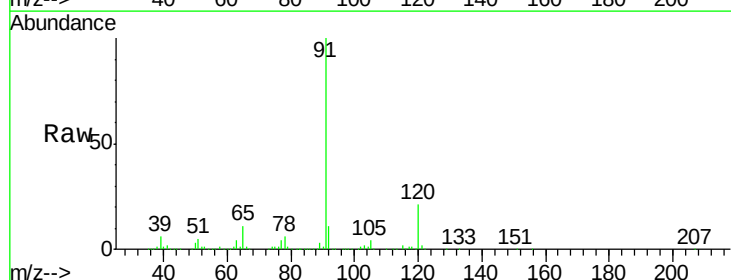
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

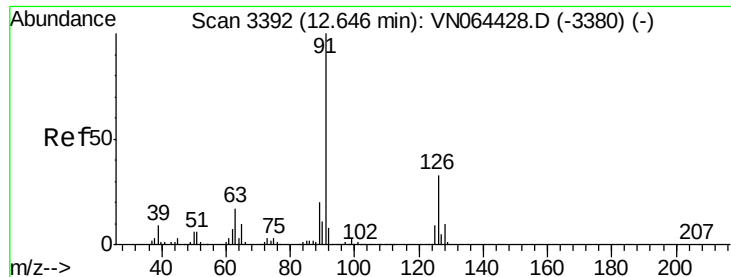
Tot Ion:156 Resp: 205267
Ion Ratio Lower Upper
156 100
77 236.5 119.0 357.0
158 97.6 48.4 145.3



#78
n-propylbenzene
Concen: 45.543 ug/l
RT: 12.56 min Scan# 3366
Delta R.T. -0.00 min
Lab File: VN064697.D
Acq: 17 Nov 2020 21:55

Tgt Ion: 91 Resp: 1000682
Ion Ratio Lower Upper
91 100
120 21.5 11.0 33.0





#79

2-Chlorotoluene

Concen: 44.806 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN064697.D

Acq: 17 Nov 2020 21:55

Instrument :

MSVOA_N

ClientSampleId :

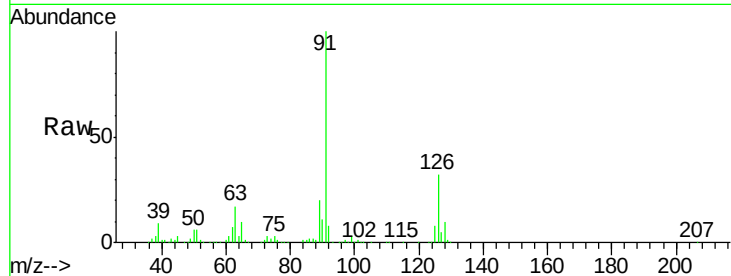
VSTDCCC050EC

Tot Ion: 91 Resp: 624411

Ion Ratio Lower Upper

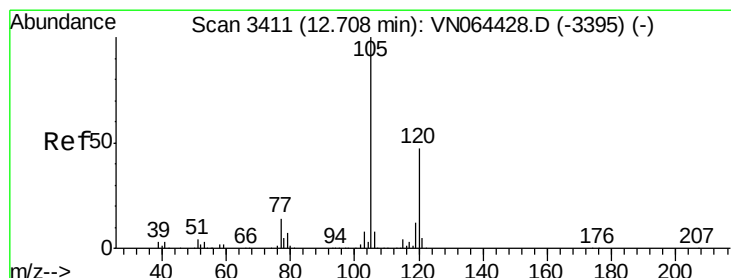
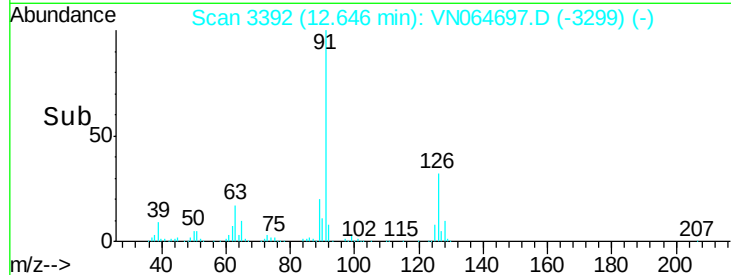
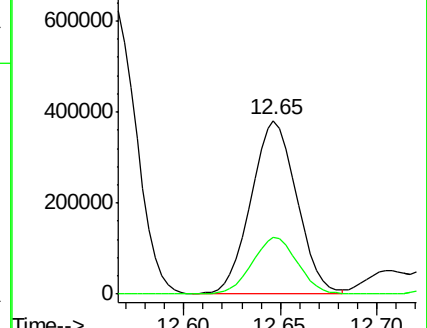
91 100

126 32.5 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VN064428.D (-3380) (-)

Ion 125.90 (125.60 to 126.60): VN064428.D (-3380) (-)



#80

1,3,5-Trimethylbenzene

Concen: 45.518 ug/l

RT: 12.70 min Scan# 3410

Delta R.T. -0.00 min

Lab File: VN064697.D

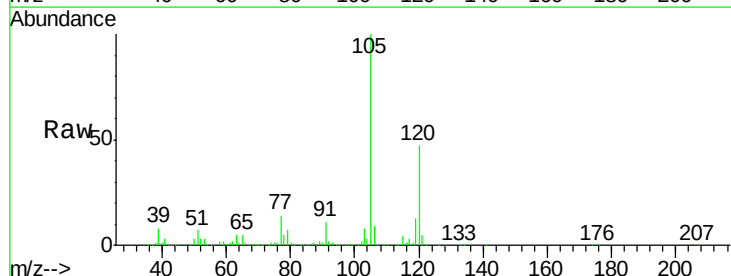
Acq: 17 Nov 2020 21:55

Tgt Ion: 105 Resp: 723712

Ion Ratio Lower Upper

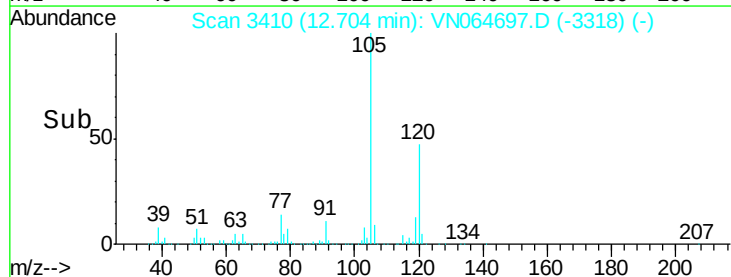
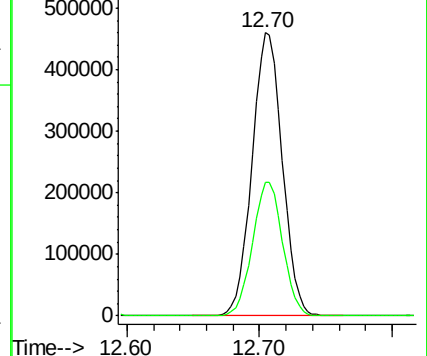
105 100

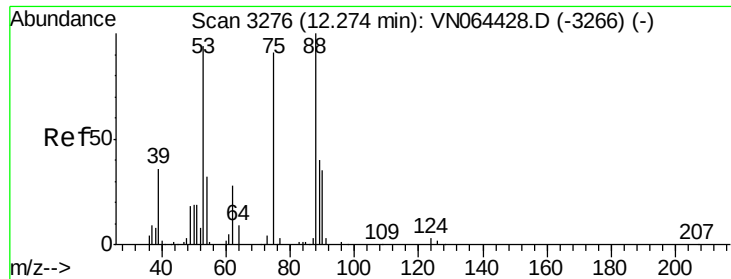
120 47.3 23.4 70.2



Abundance Ion 105.00 (104.70 to 105.70): VN064428.D (-3395) (-)

Ion 120.00 (119.70 to 120.70): VN064428.D (-3395) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 41.355 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. -0.00 min

Lab File: VN064697.D

Acq: 17 Nov 2020 21:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

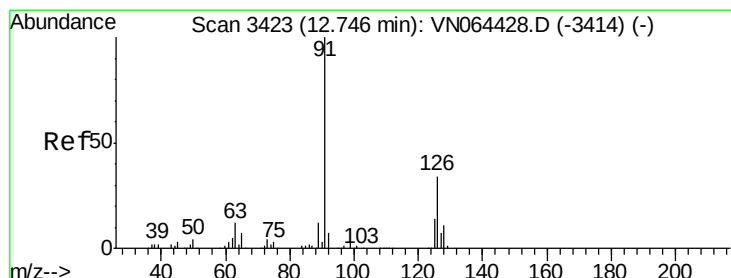
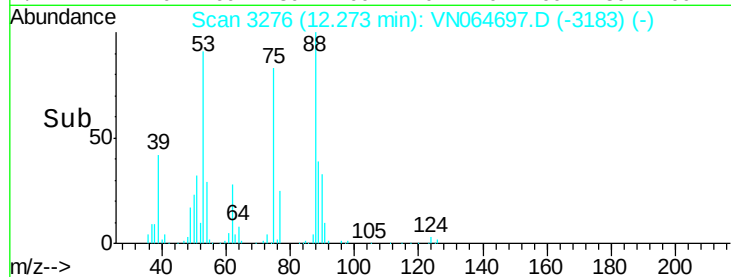
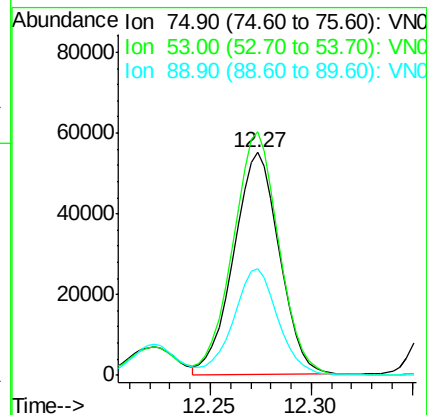
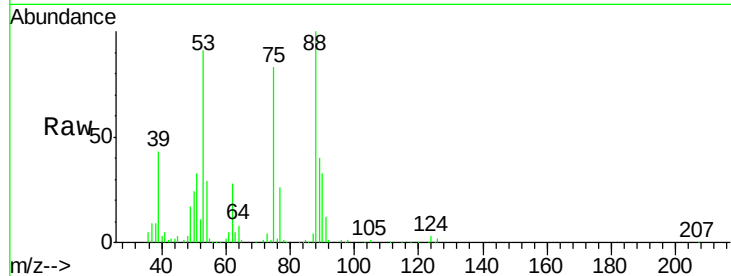
Tot Ion: 75 Resp: 87017

Ion Ratio Lower Upper

75 100

53 110.3 84.0 126.0

89 47.0 36.3 54.5



#82

4-Chlorotoluene

Concen: 46.012 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. -0.00 min

Lab File: VN064697.D

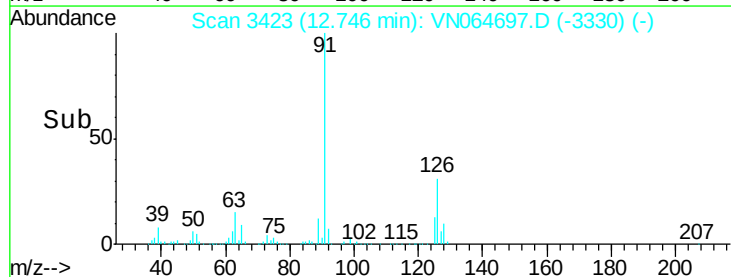
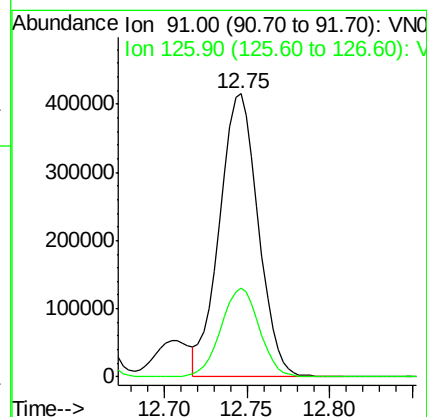
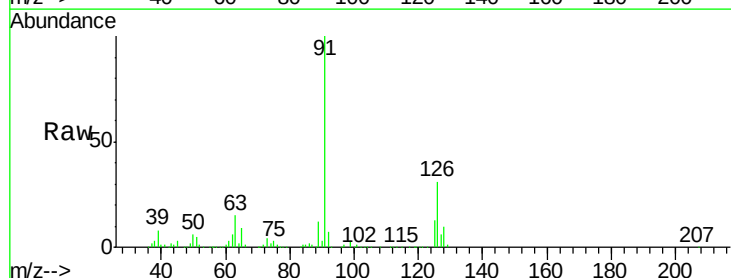
Acq: 17 Nov 2020 21:55

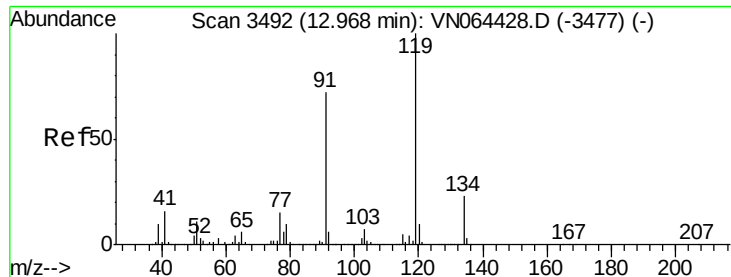
Tgt Ion: 91 Resp: 671519

Ion Ratio Lower Upper

91 100

126 31.1 15.4 46.2

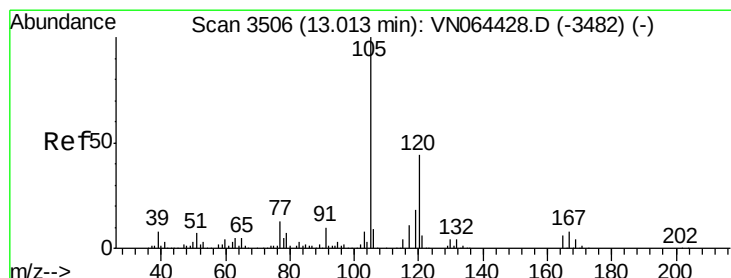
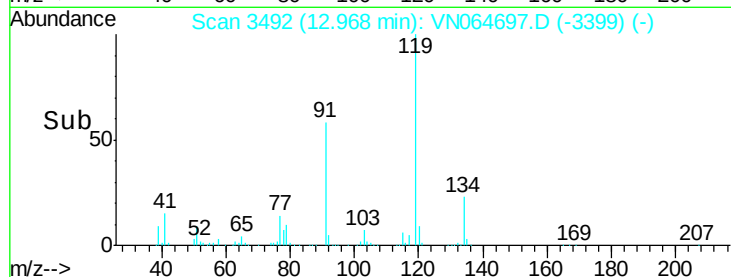
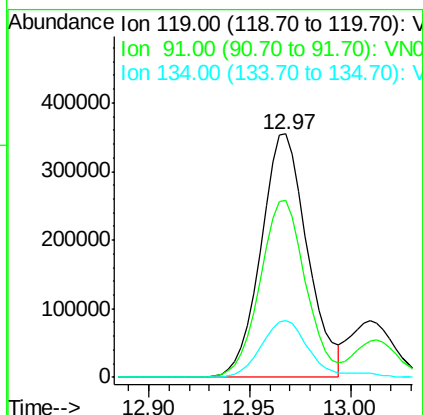
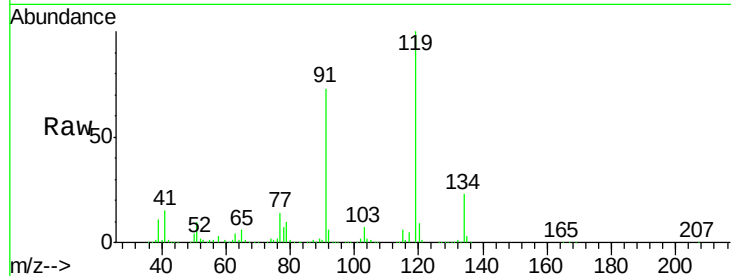




#83
 tert-Butylbenzene
 Concen: 45.762 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. -0.00 min
 Lab File: VN064697.D
 Acq: 17 Nov 2020 21:55

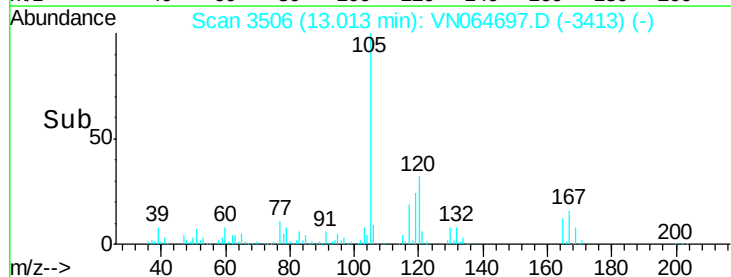
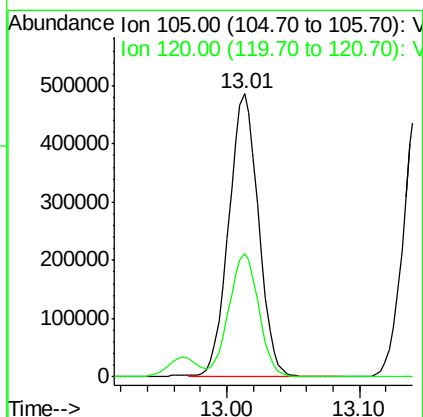
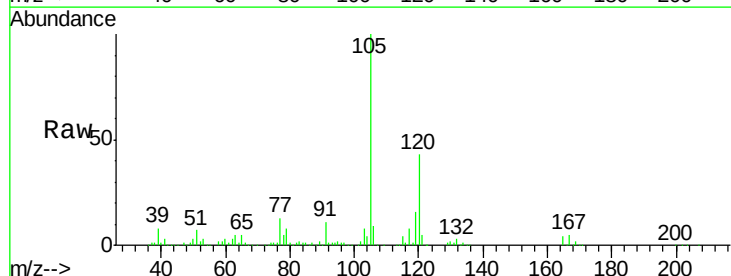
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

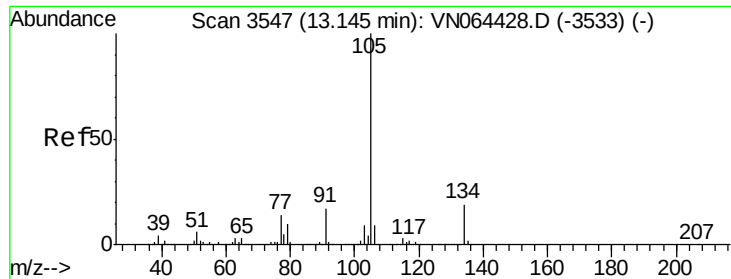
Tot Ion:119 Resp: 568254
 Ion Ratio Lower Upper
 119 100
 91 71.4 36.1 108.3
 134 24.3 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 47.271 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. -0.00 min
 Lab File: VN064697.D
 Acq: 17 Nov 2020 21:55

Tgt Ion:105 Resp: 755552
 Ion Ratio Lower Upper
 105 100
 120 44.0 21.9 65.7





#85

sec-Butylbenzene

Concen: 47.784 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN064697.D

Acq: 17 Nov 2020 21:55

Instrument :

MSVOA_N

ClientSampleId :

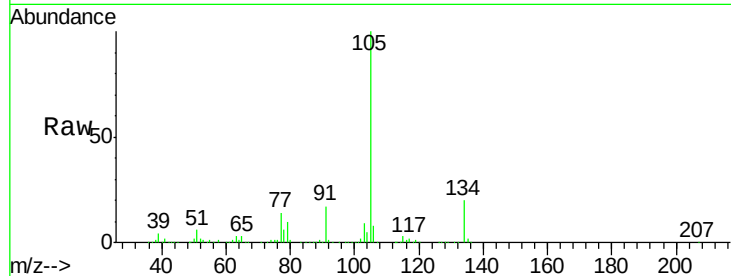
VSTDCCC050EC

Tot Ion:105 Resp: 751479

Ion Ratio Lower Upper

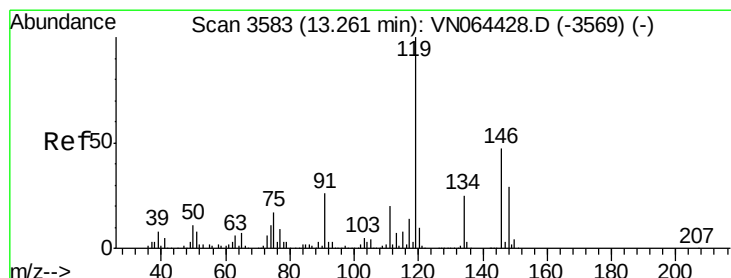
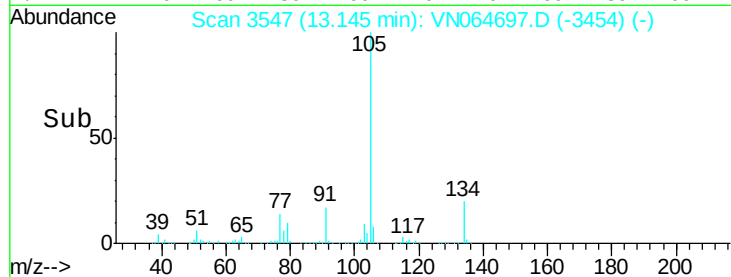
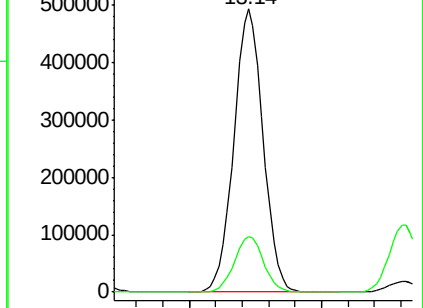
105 100

134 19.6 9.4 28.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.564 ug/l

RT: 13.26 min Scan# 3583

Delta R.T. -0.00 min

Lab File: VN064697.D

Acq: 17 Nov 2020 21:55

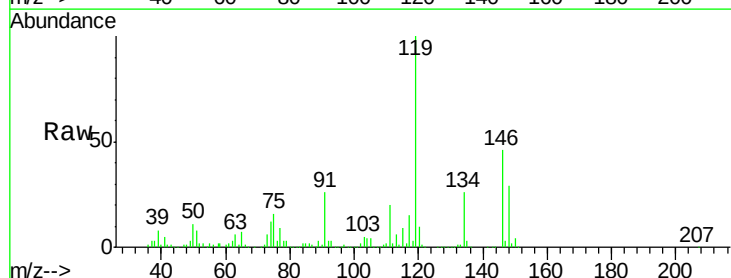
Tgt Ion:119 Resp: 701128

Ion Ratio Lower Upper

119 100

134 25.5 12.6 37.6

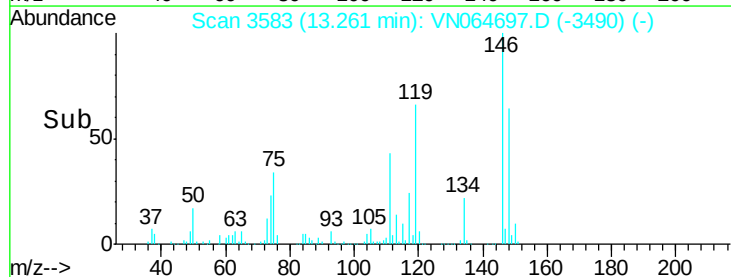
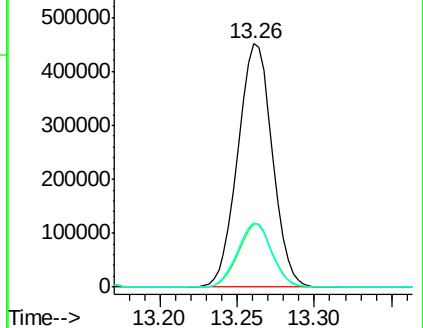
91 26.1 12.8 38.3

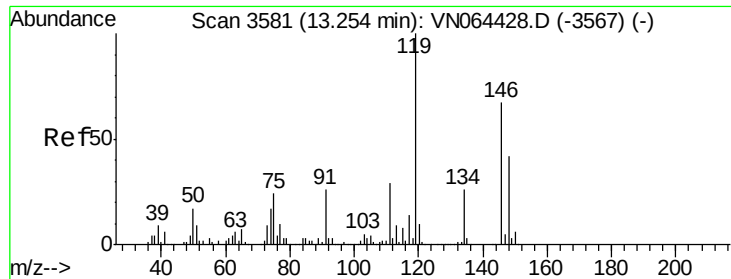


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

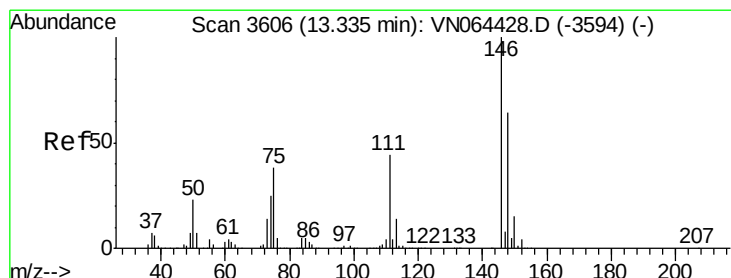
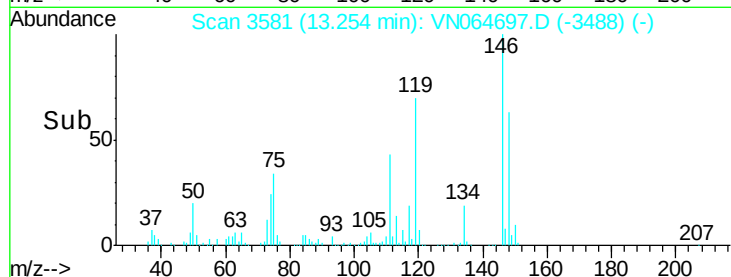
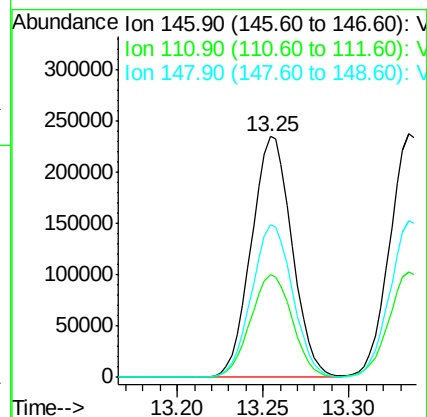
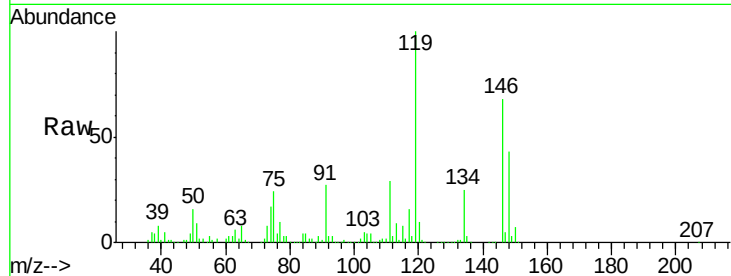




#87
 1,3-Dichlorobenzene
 Concen: 47.463 ug/l
 RT: 13.25 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN064697.D
 Acq: 17 Nov 2020 21:55

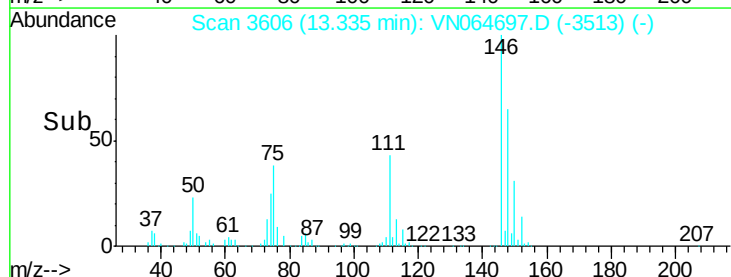
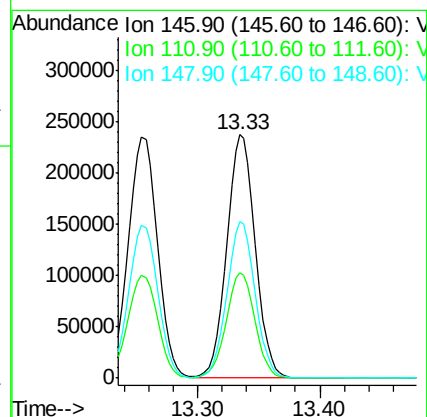
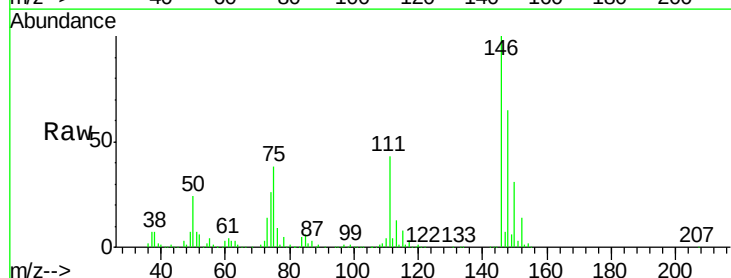
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

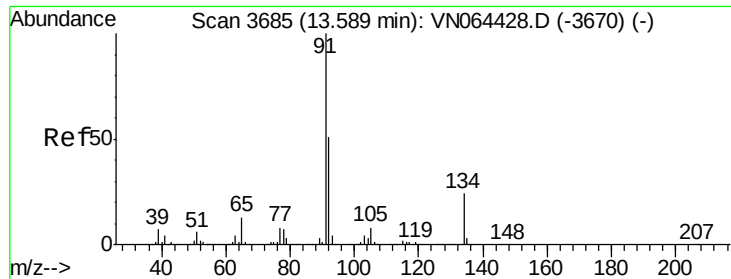
Tot Ion:146 Resp: 386055
 Ion Ratio Lower Upper
 146 100
 111 43.6 22.1 66.1
 148 63.5 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 46.223 ug/l
 RT: 13.33 min Scan# 3606
 Delta R.T. -0.00 min
 Lab File: VN064697.D
 Acq: 17 Nov 2020 21:55

Tgt Ion:146 Resp: 388532
 Ion Ratio Lower Upper
 146 100
 111 43.5 21.8 65.3
 148 63.6 32.4 97.2

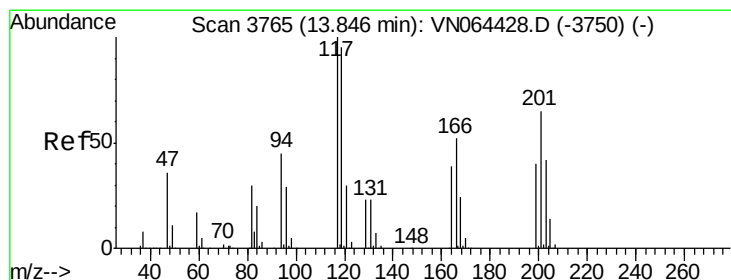
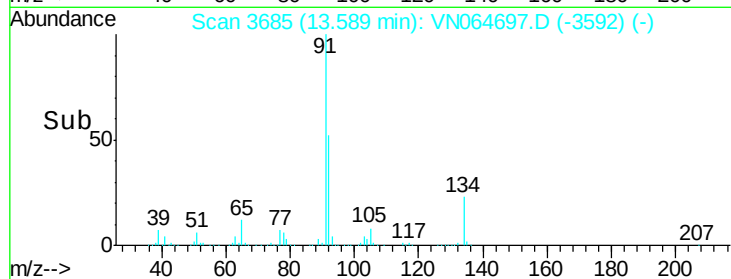
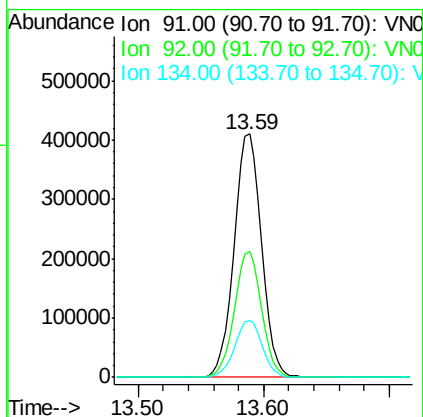
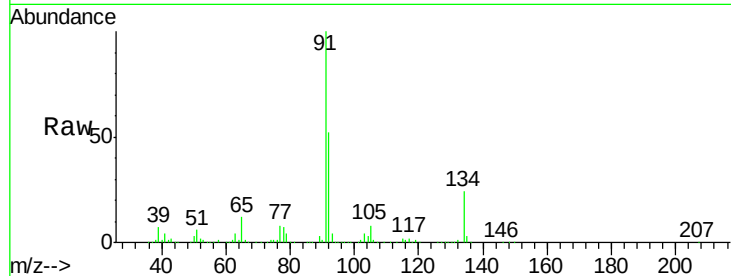




#89
n-Butylbenzene
Concen: 51.054 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN064697.D
Acq: 17 Nov 2020 21:55

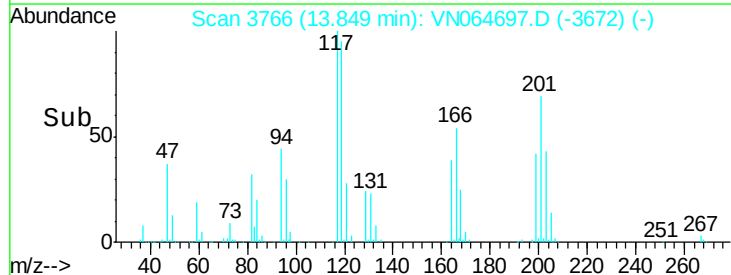
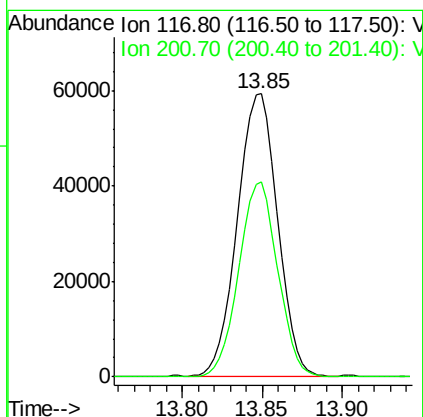
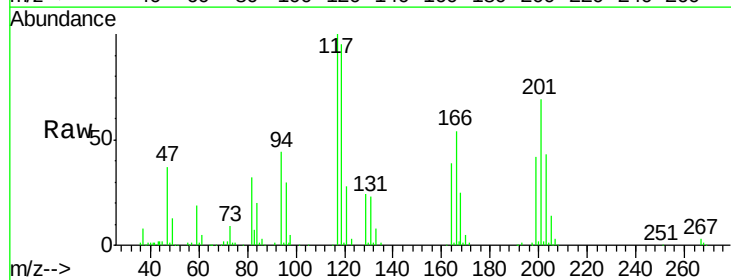
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

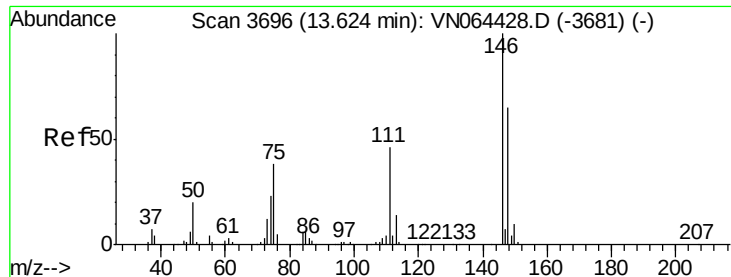
Tot Ion: 91 Resp: 620949
Ion Ratio Lower Upper
91 100
92 51.2 25.3 75.9
134 23.4 11.8 35.4



#90
Hexachloroethane
Concen: 37.042 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN064697.D
Acq: 17 Nov 2020 21:55

Tgt Ion: 117 Resp: 101080
Ion Ratio Lower Upper
117 100
201 66.9 32.5 97.5

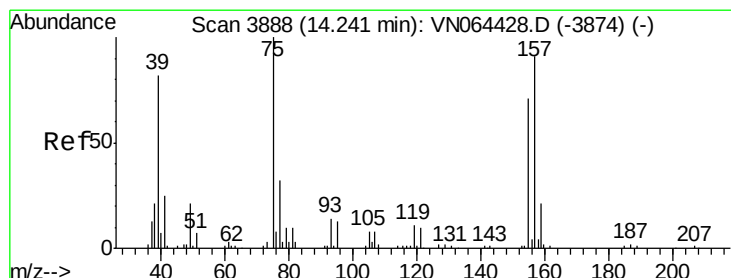
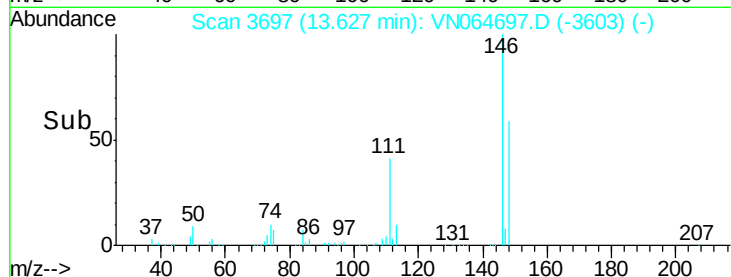
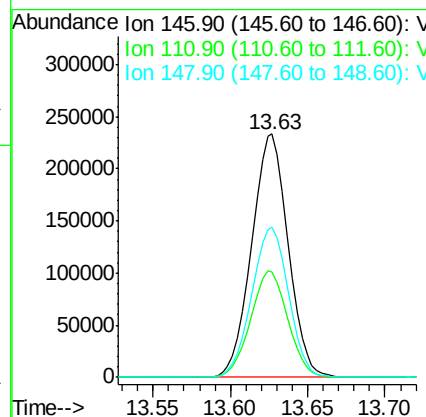
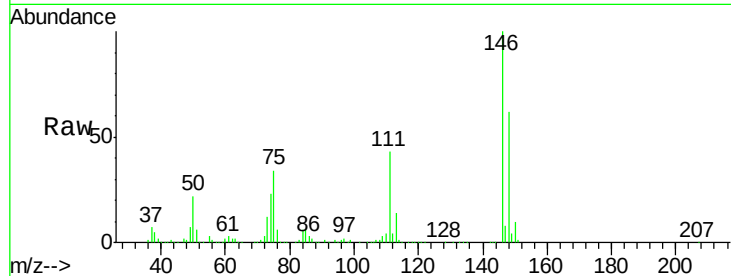




#91
 1,2-Dichlorobenzene
 Concen: 48.978 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064697.D
 Acq: 17 Nov 2020 21:55

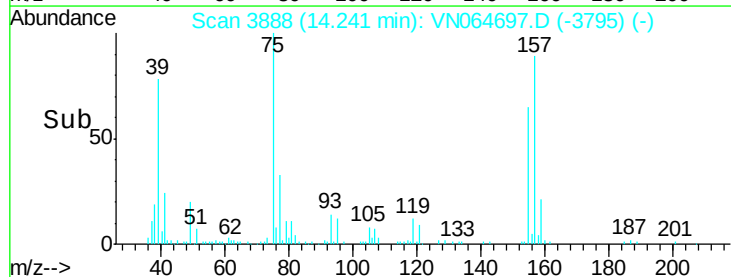
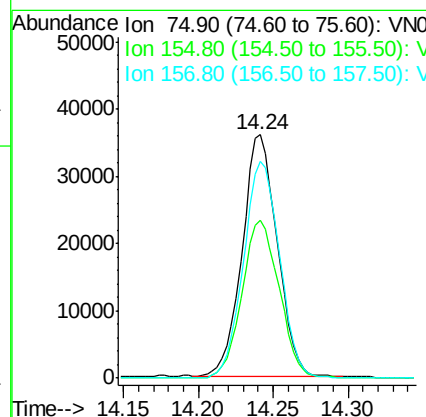
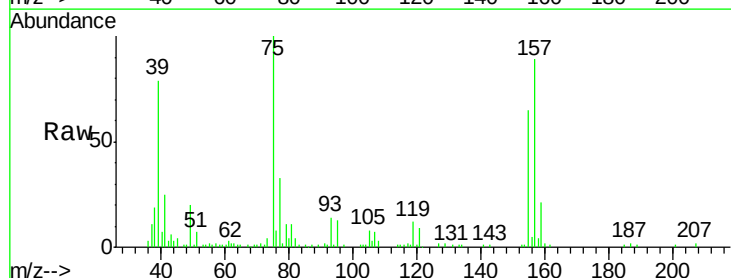
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

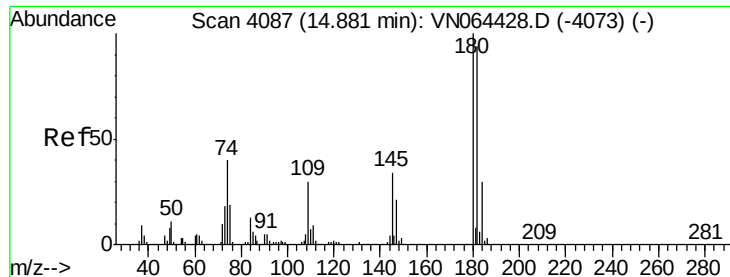
Tot Ion:146 Resp: 383200
 Ion Ratio Lower Upper
 146 100
 111 44.8 22.9 68.7
 148 62.3 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.878 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN064697.D
 Acq: 17 Nov 2020 21:55

Tgt Ion: 75 Resp: 58786
 Ion Ratio Lower Upper
 75 100
 155 69.0 34.6 103.9
 157 92.1 43.0 128.8

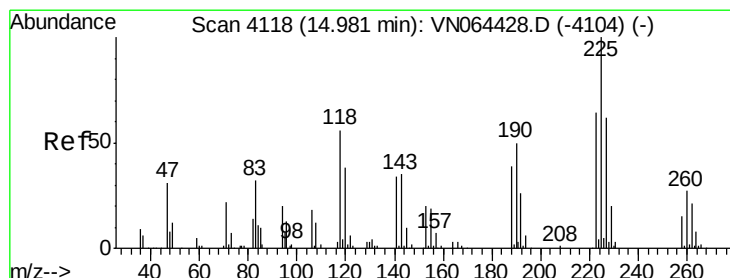
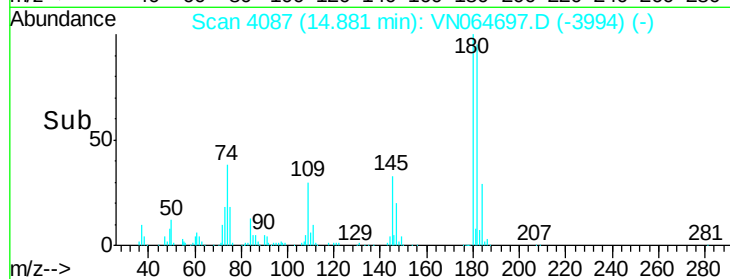
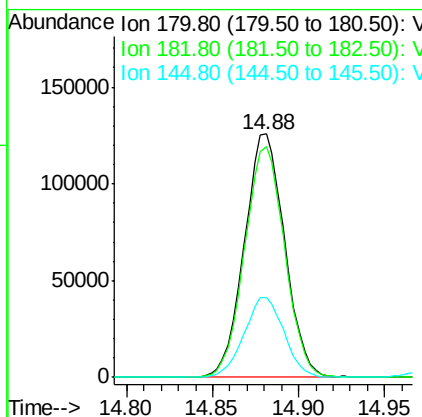
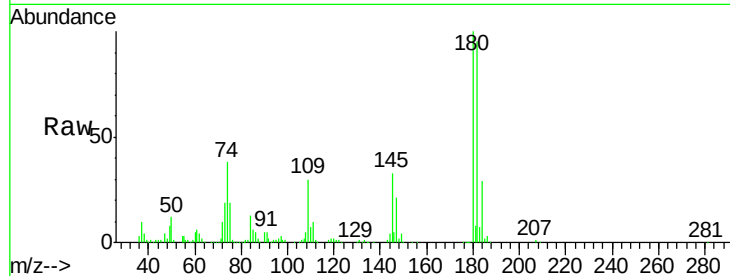




#93
 1,2,4-Trichlorobenzene
 Concen: 52.340 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064697.D
 Acq: 17 Nov 2020 21:55

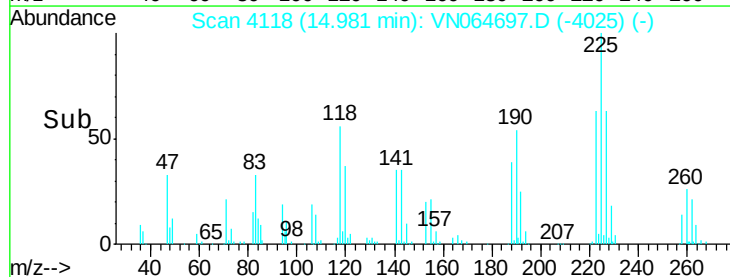
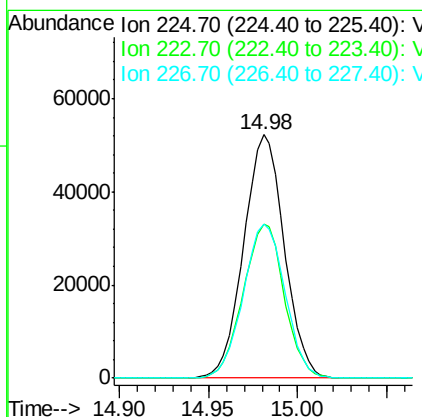
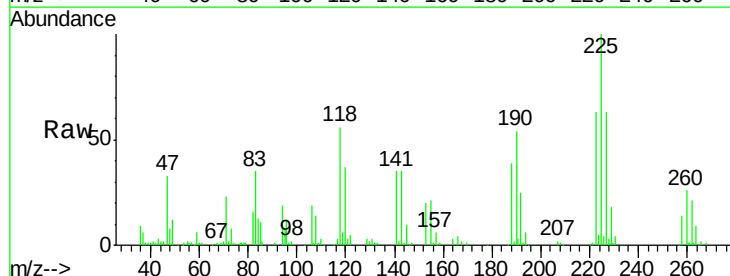
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

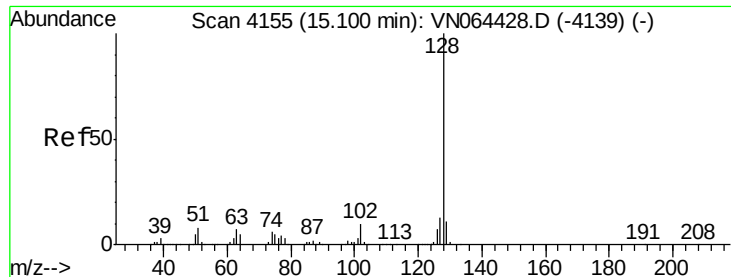
Tot Ion:180 Resp: 204160
 Ion Ratio Lower Upper
 180 100
 182 94.7 47.3 142.0
 145 32.7 16.7 50.1



#94
 Hexachlorobutadiene
 Concen: 52.113 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064697.D
 Acq: 17 Nov 2020 21:55

Tgt Ion:225 Resp: 83014
 Ion Ratio Lower Upper
 225 100
 223 63.9 31.8 95.4
 227 64.9 31.8 95.4





#95

Naphthalene

Concen: 50.088 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064697.D

Acq: 17 Nov 2020 21:55

Instrument :

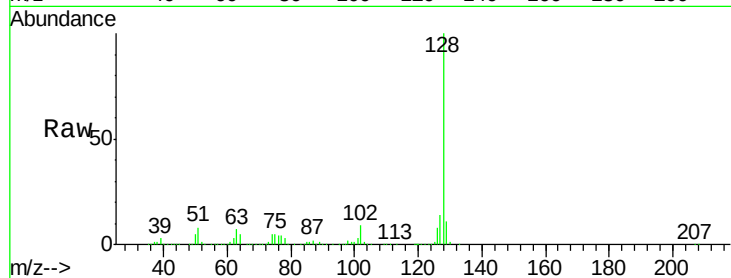
MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:128 Resp: 666214

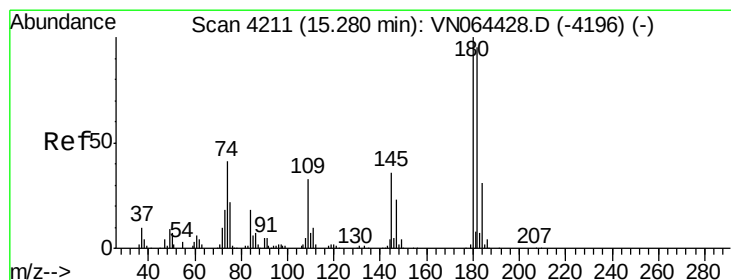
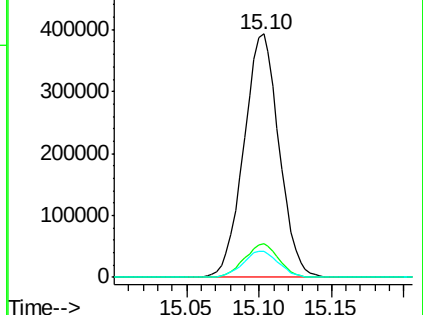
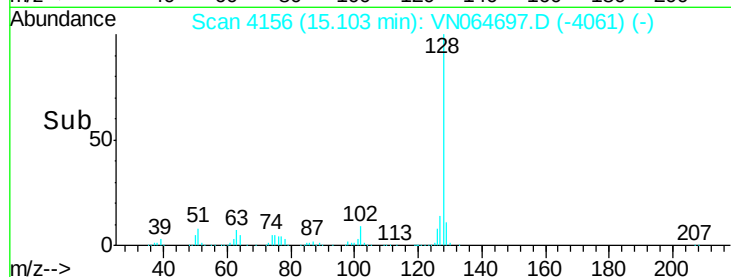
Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.5	15.7
129	10.9	8.8	13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 52.001 ug/l

RT: 15.28 min Scan# 4211

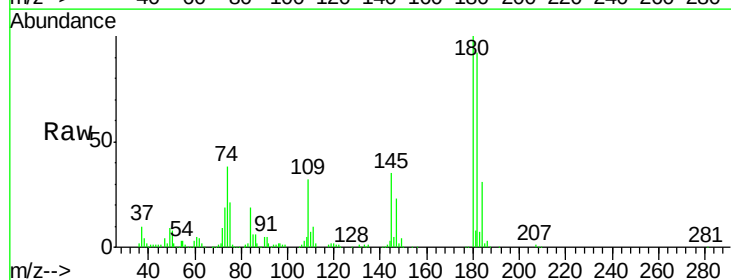
Delta R.T. 0.00 min

Lab File: VN064697.D

Acq: 17 Nov 2020 21:55

Tgt Ion:180 Resp: 196187

Ion	Ratio	Lower	Upper
180	100		
182	93.0	47.7	143.1
145	34.9	18.3	54.8



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

