

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111620\
 Data File : VN064670.D
 Acq On : 16 Nov 2020 19:13
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 17 03:52:05 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	7.63	168	350476	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	607706	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	563472	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	264077	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	274556	44.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.94%	
35) Dibromofluoromethane	7.55	113	197723	47.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.58%	
50) Toluene-d8	10.06	98	732132	45.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.56%	
62) 4-Bromofluorobenzene	12.38	95	279519	46.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.44%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	201124	44.084	ug/l	98
3) Chloromethane	2.04	50	233027	42.051	ug/l	97
4) Vinyl Chloride	2.17	62	262827	46.186	ug/l	99
5) Bromomethane	2.53	94	126985	34.930	ug/l	99
6) Chloroethane	2.67	64	167892	46.081	ug/l	99
7) Trichlorofluoromethane	2.99	101	414160	49.425	ug/l	96
8) Diethyl Ether	3.37	74	145016	49.006	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	183760	46.180	ug/l	99
10) Methyl Iodide	3.91	142	162213	35.083	ug/l	99
11) Tert butyl alcohol	4.75	59	169618	251.947	ug/l	99
12) 1,1-Dichloroethene	3.69	96	174020	46.427	ug/l	96
13) Acrolein	3.57	56	92547	221.619	ug/l	96
14) Allyl chloride	4.28	41	320023	43.645	ug/l	97
15) Acrylonitrile	4.94	53	474820	253.326	ug/l	100
16) Acetone	3.78	43	447700	192.525	ug/l	99
17) Carbon Disulfide	4.00	76	469778	41.910	ug/l	98
18) Methyl Acetate	4.28	43	241474	52.819	ug/l	98
19) Methyl tert-butyl Ether	5.00	73	657880	48.767	ug/l	98
20) Methylene Chloride	4.50	84	214178	46.421	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	192952	45.338	ug/l	97
22) Diisopropyl ether	5.91	45	702646	45.144	ug/l	98
23) Vinyl Acetate	5.85	43	2980331	235.379	ug/l	98
24) 1,1-Dichloroethane	5.80	63	391882	45.819	ug/l	99
25) 2-Butanone	6.79	43	670320	226.238	ug/l	95
26) 2,2-Dichloropropane	6.78	77	339071	43.794	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	228460	46.327	ug/l	96
28) Bromochloromethane	7.15	49	179273	42.643	ug/l	94
29) Tetrahydrofuran	7.17	42	436776	240.276	ug/l	96
30) Chloroform	7.33	83	417485	46.437	ug/l	99
31) Cyclohexane	7.61	56	301450	40.621	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	379955	47.650	ug/l	98
36) 1,1-Dichloropropene	7.75	75	301434	46.952	ug/l	99
37) Ethyl Acetate	6.88	43	292195	44.922	ug/l	99
38) Carbon Tetrachloride	7.73	117	328961	47.944	ug/l	98

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 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	275736	47.912	ug/l	99
40) Benzene	8.00	78	858385	45.501	ug/l	100
41) Methacrylonitrile	7.13	41	134681	47.318	ug/l	96
42) 1,2-Dichloroethane	8.09	62	359287	47.193	ug/l	100
43) Isopropyl Acetate	8.13	43	495133	47.590	ug/l	99
44) Trichloroethene	8.80	130	221167	46.467	ug/l	100
45) 1,2-Dichloropropane	9.08	63	234906	46.667	ug/l	100
46) Dibromomethane	9.17	93	164261	49.572	ug/l	98
47) Bromodichloromethane	9.37	83	345248	48.456	ug/l	99
48) Methyl methacrylate	9.17	41	249157	47.459	ug/l	97
49) 1,4-Dioxane	9.17	88	70481	1019.258	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	1534520	252.913	ug/l	98
52) Toluene	10.13	92	547988	47.626	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	366025	48.457	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	383679	47.507	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	218282	48.644	ug/l	97
56) Ethyl methacrylate	10.40	69	325652	44.325	ug/l	98
57) 1,3-Dichloropropane	10.68	76	380018	48.518	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	841631	242.005	ug/l	96
59) 2-Hexanone	10.72	43	1102626	223.298	ug/l	99
60) Dibromochloromethane	10.87	129	258930	51.538	ug/l	98
61) 1,2-Dibromoethane	10.98	107	229722	50.471	ug/l	99
64) Tetrachloroethene	10.60	164	203653	46.920	ug/l	97
65) Chlorobenzene	11.41	112	582120	47.126	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	227751	49.422	ug/l	97
67) Ethyl Benzene	11.48	91	1076489	48.994	ug/l	99
68) m/p-Xylenes	11.59	106	781727	98.104	ug/l	98
69) o-Xylene	11.92	106	370902	48.169	ug/l	98
70) Styrene	11.94	104	649411	50.121	ug/l	99
71) Bromoform	12.10	173	169101	48.899	ug/l #	99
73) Isopropylbenzene	12.22	105	1024774	48.823	ug/l	100
74) N-amyl acetate	12.05	43	439394	43.329	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	309560	48.016	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	433369	67.731	ug/l #	100
77) Bromobenzene	12.50	156	238529	46.547	ug/l	98
78) n-propylbenzene	12.57	91	1204570	50.338	ug/l	100
79) 2-Chlorotoluene	12.65	91	710436	46.809	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	849989	49.087	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	106610	46.522	ug/l	99
82) 4-Chlorotoluene	12.75	91	762096	47.947	ug/l	99
83) tert-Butylbenzene	12.97	119	692471	51.203	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	977542	56.157	ug/l	99
85) sec-Butylbenzene	13.15	105	909188	53.083	ug/l	100
86) p-Isopropyltoluene	13.26	119	815189	52.914	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	424308	47.899	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	425775	46.510	ug/l	98
89) n-Butylbenzene	13.59	91	705954	53.296	ug/l	100
90) Hexachloroethane	13.85	117	160533	54.017	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	418332	49.095	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	67920	52.914	ug/l	96

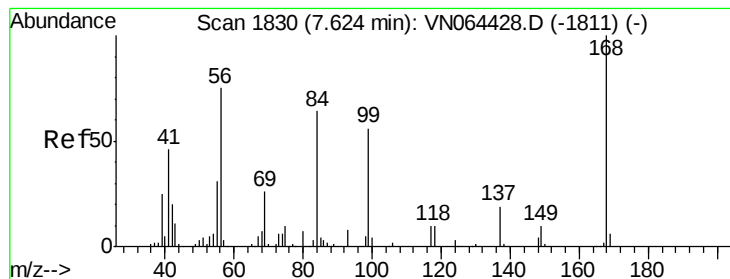
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Quant Title : SW846 8260
QLast Update : Wed Nov 04 12:09:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	183978	43.767	ug/l	98
94) Hexachlorobutadiene	14.98	225	97198	56.026	ug/l	99
95) Naphthalene	15.10	128	588085	41.284	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	185782	45.577	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064670.D

Acq: 16 Nov 2020 19:13

Instrument :

MSVOA_N

ClientSampleId :

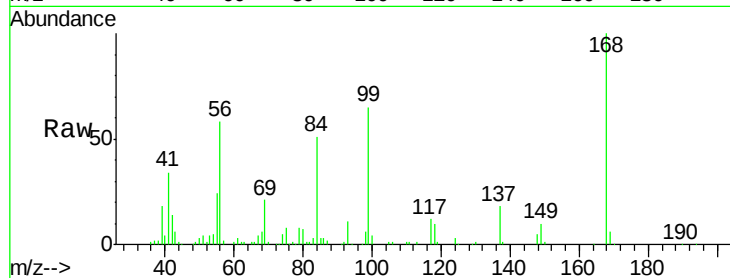
VSTDCCC050EC

Tot Ion:168 Resp: 350476

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

7.63

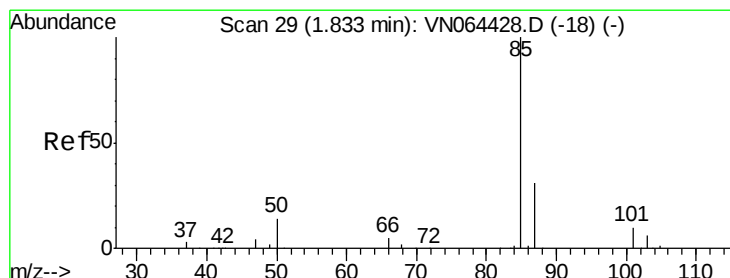
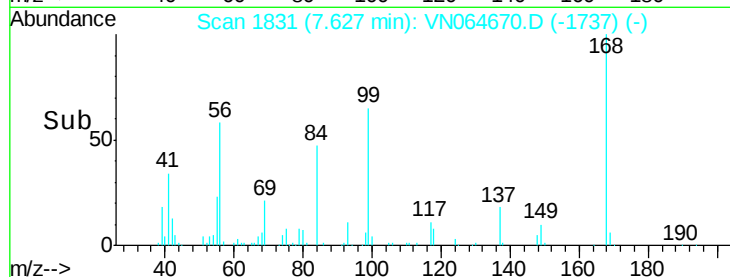
150000

100000

50000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 44.084 ug/l

RT: 1.83 min Scan# 29

Delta R.T. -0.00 min

Lab File: VN064670.D

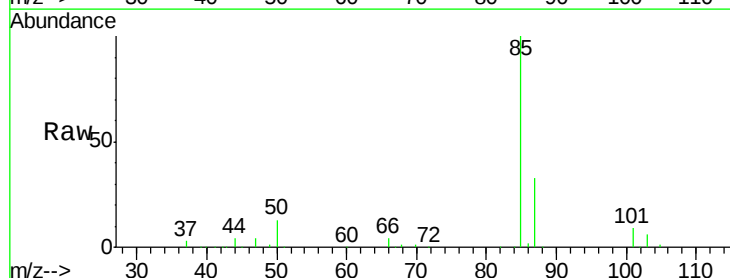
Acq: 16 Nov 2020 19:13

Tgt Ion: 85 Resp: 201124

Ion Ratio Lower Upper

85 100

87 32.6 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

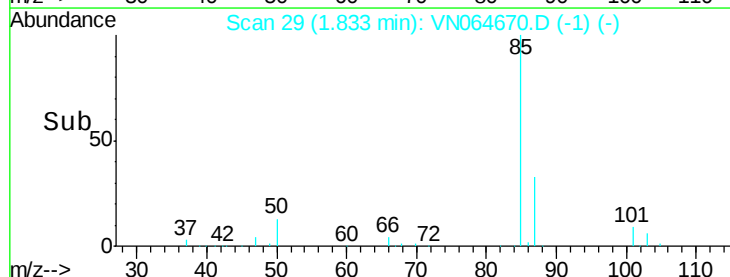
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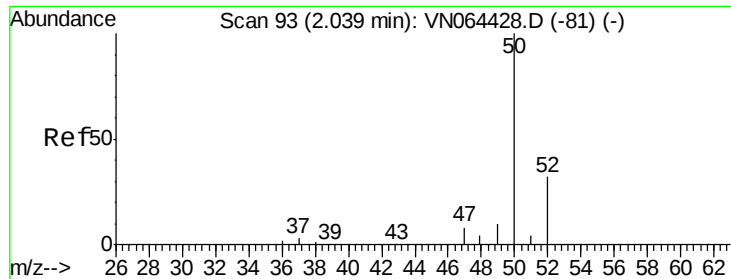
100000

50000

0

Time--> 1.75 1.80 1.85 1.90





#3

Chloromethane

Concen: 42.051 ug/l

RT: 2.04 min Scan# 93

Delta R.T. -0.00 min

Lab File: VN064670.D

Acq: 16 Nov 2020 19:13

Instrument :

MSVOA_N

ClientSampleId :

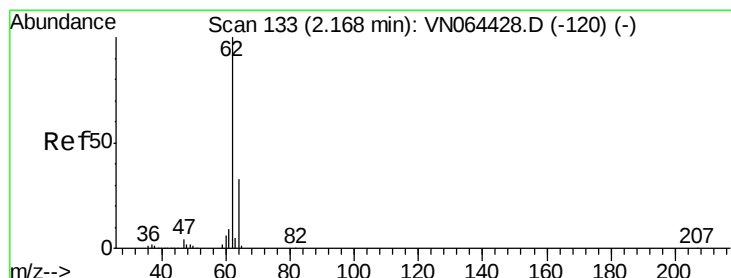
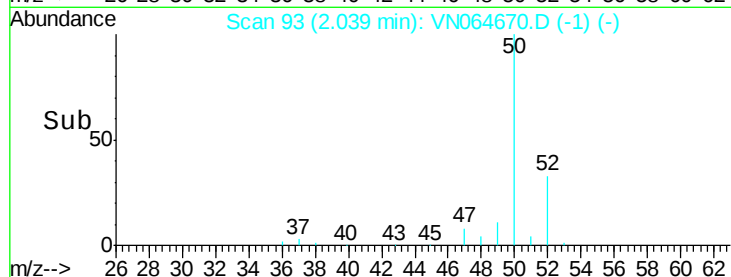
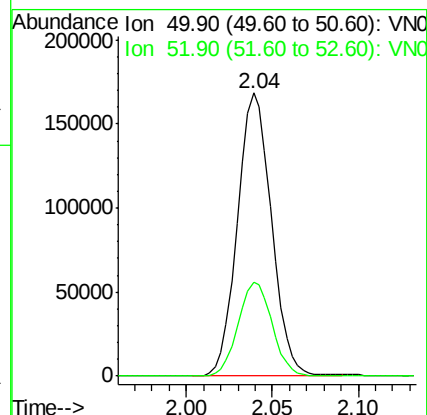
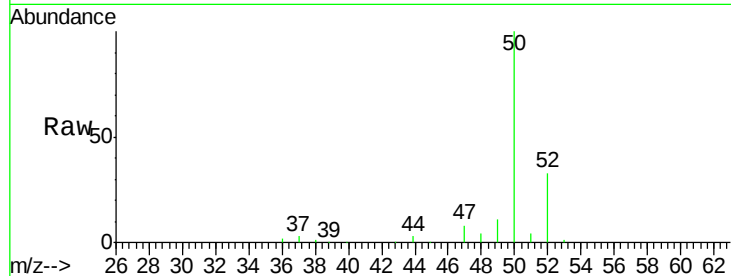
VSTDCCC050EC

Tot Ion: 50 Resp: 233027

Ion Ratio Lower Upper

50 100

52 33.1 25.3 37.9



#4

Vinyl Chloride

Concen: 46.186 ug/l

RT: 2.17 min Scan# 133

Delta R.T. -0.00 min

Lab File: VN064670.D

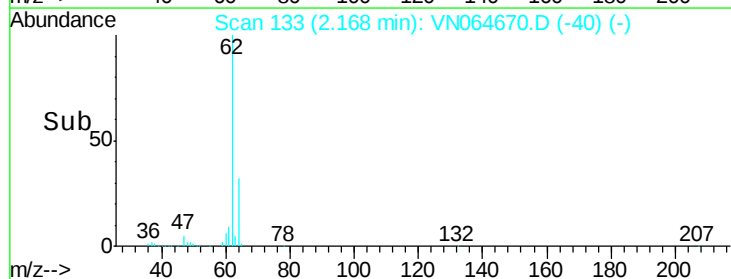
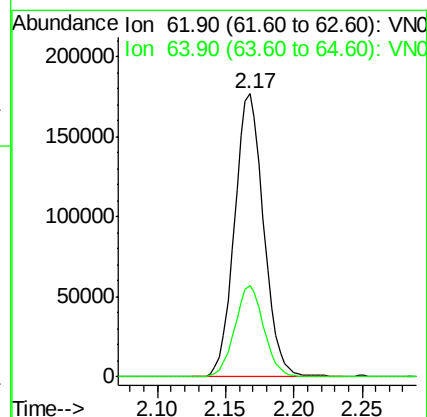
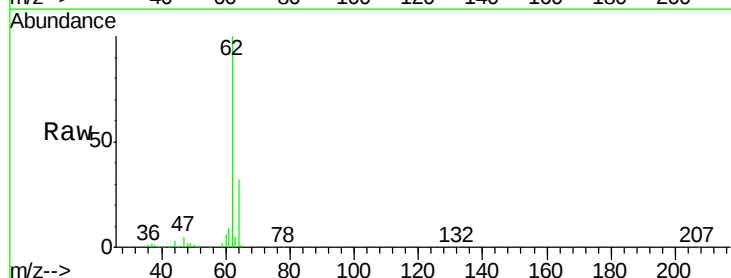
Acq: 16 Nov 2020 19:13

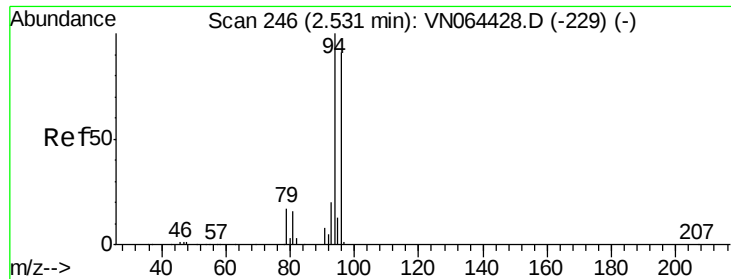
Tgt Ion: 62 Resp: 262827

Ion Ratio Lower Upper

62 100

64 32.3 26.3 39.5





#5

Bromomethane

Concen: 34.930 ug/l

RT: 2.53 min Scan# 246

Delta R.T. -0.00 min

Lab File: VN064670.D

Acq: 16 Nov 2020 19:13

Instrument :

MSVOA_N

ClientSampleId :

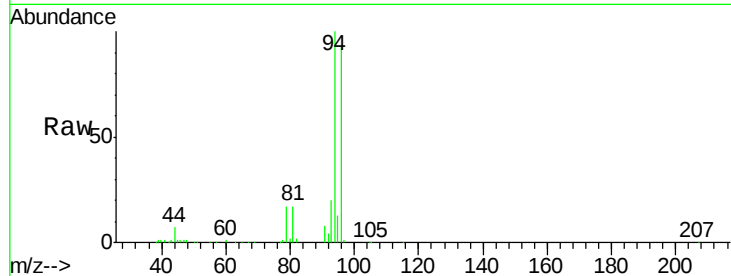
VSTDCCC050EC

Tot Ion: 94 Resp: 126985

Ion Ratio Lower Upper

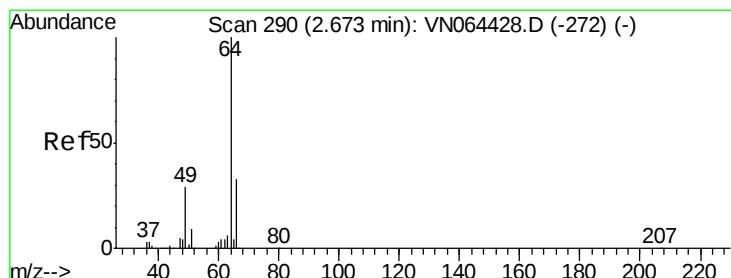
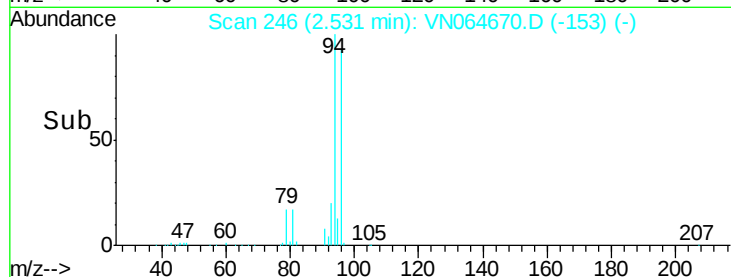
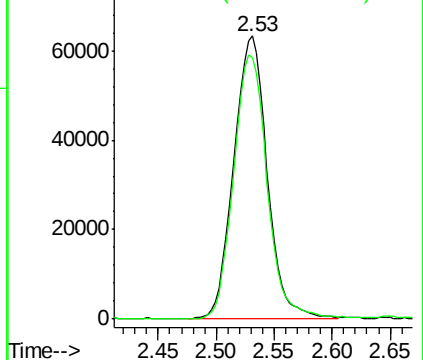
94 100

96 92.6 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: 46.081 ug/l

RT: 2.67 min Scan# 290

Delta R.T. -0.00 min

Lab File: VN064670.D

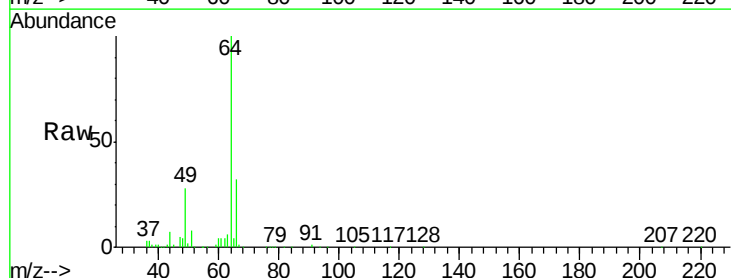
Acq: 16 Nov 2020 19:13

Tgt Ion: 64 Resp: 167892

Ion Ratio Lower Upper

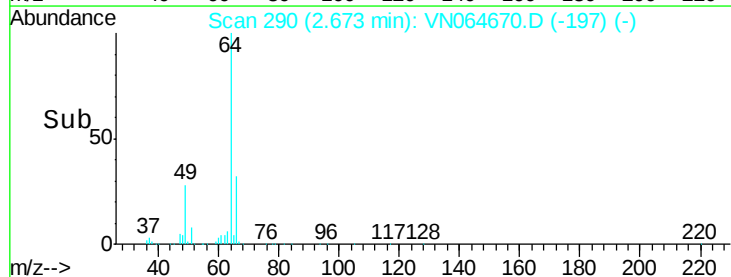
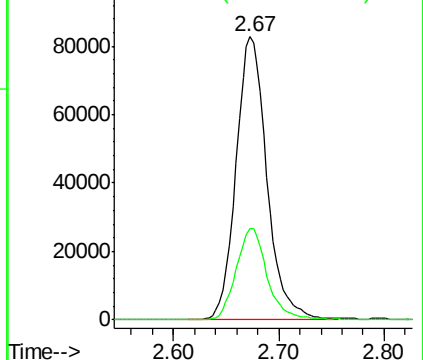
64 100

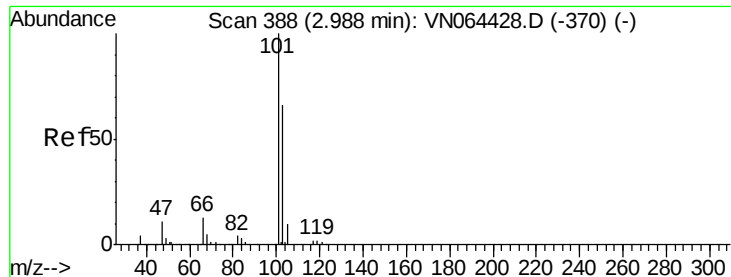
66 32.1 26.1 39.1



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



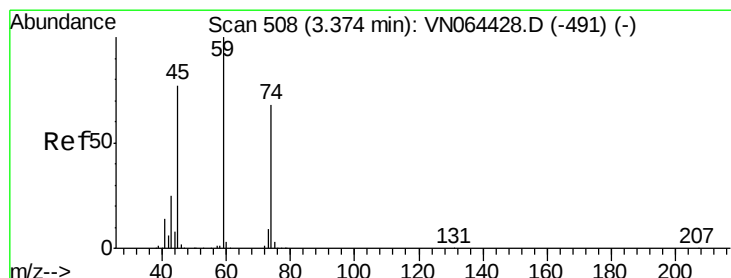
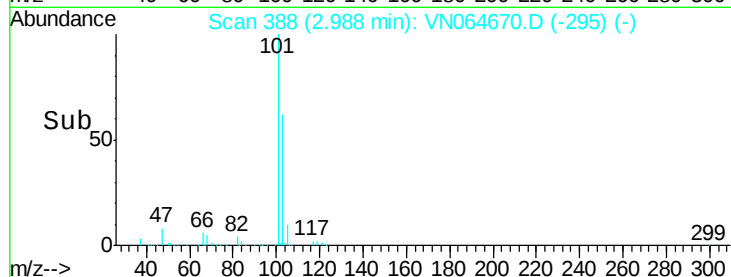
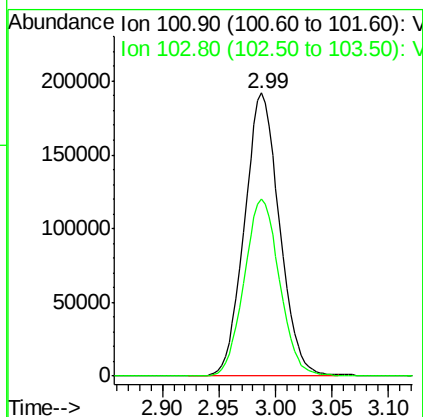
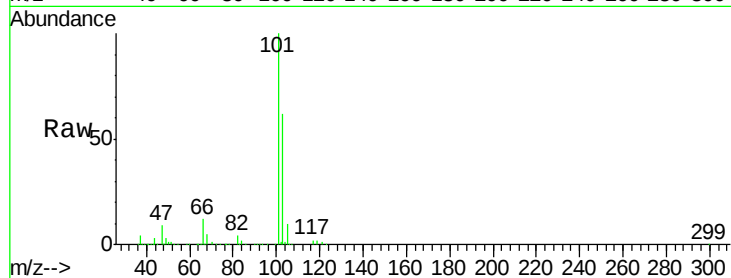


#7

Trichlorofluoromethane
 Concen: 49.425 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. -0.00 min
 Lab File: VN064670.D
 Acq: 16 Nov 2020 19:13

Instrument :
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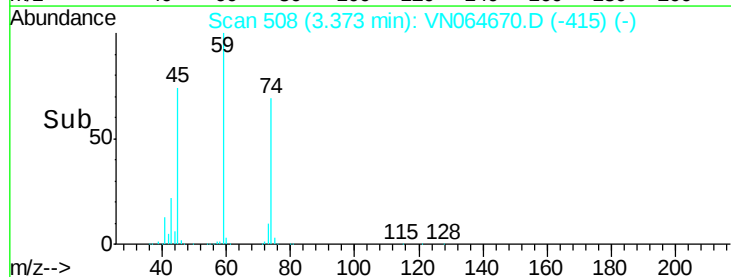
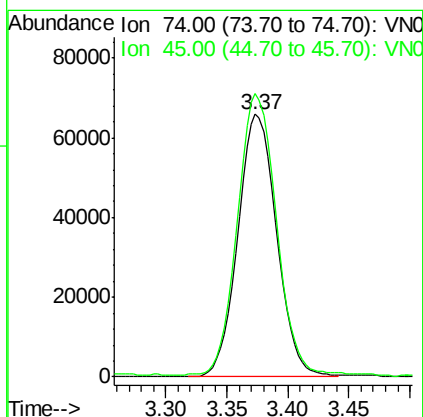
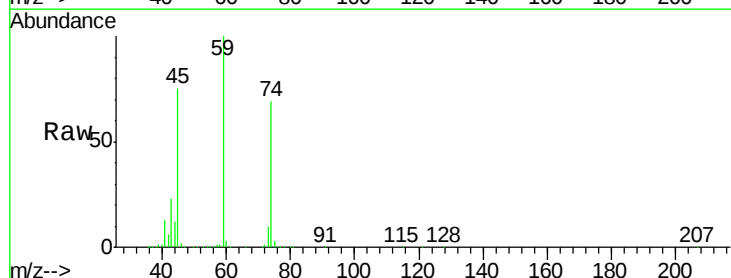
Tot Ion:101 Resp: 414160
 Ion Ratio Lower Upper
 101 100
 103 62.3 52.4 78.6

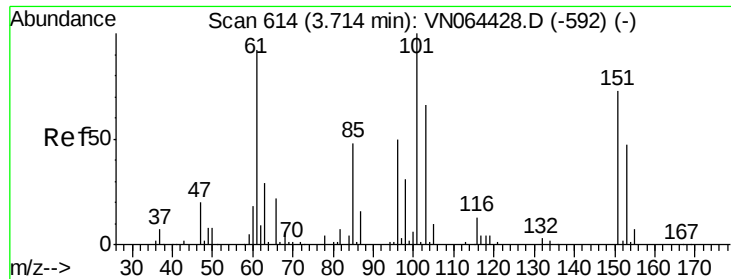


#8

Diethyl Ether
 Concen: 49.006 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN064670.D
 Acq: 16 Nov 2020 19:13

Tgt Ion: 74 Resp: 145016
 Ion Ratio Lower Upper
 74 100
 45 107.5 55.9 167.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.180 ug/l

RT: 3.72 min Scan# 615

Delta R.T. 0.00 min

Lab File: VN064670.D

Acq: 16 Nov 2020 19:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

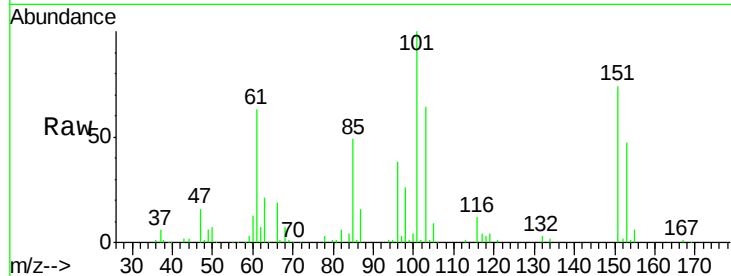
Tot Ion:101 Resp: 183760

Ion Ratio Lower Upper

101 100

85 47.9 38.6 57.8

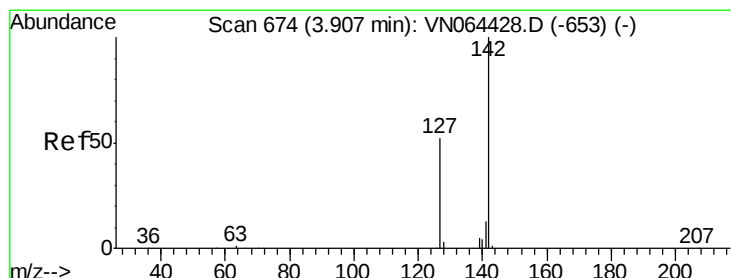
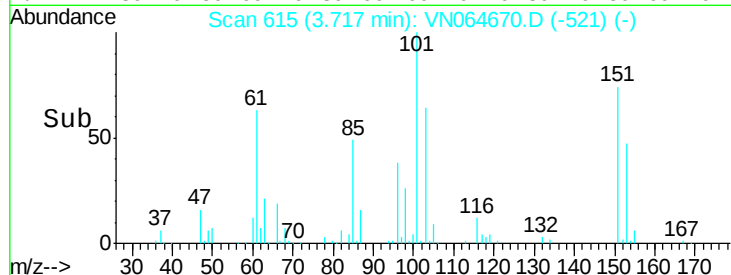
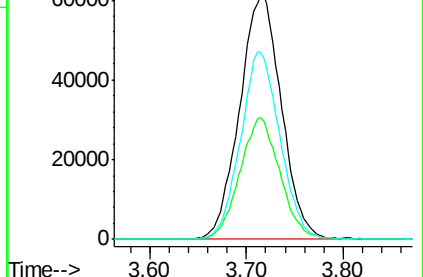
151 72.8 57.5 86.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 35.083 ug/l

RT: 3.91 min Scan# 674

Delta R.T. -0.00 min

Lab File: VN064670.D

Acq: 16 Nov 2020 19:13

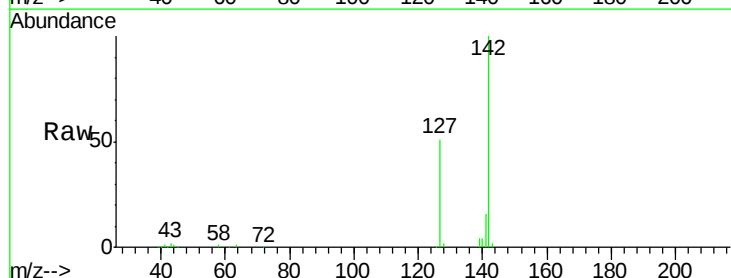
Tgt Ion:142 Resp: 162213

Ion Ratio Lower Upper

142 100

127 52.7 41.8 62.8

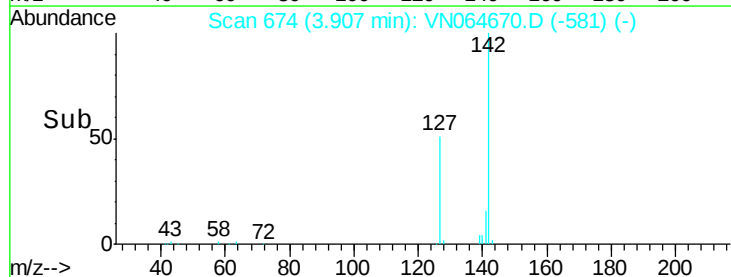
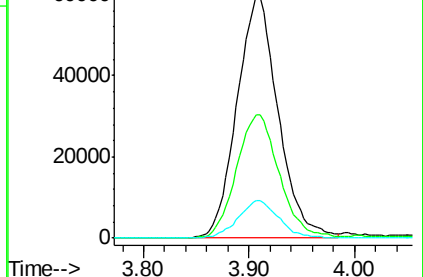
141 15.4 11.4 17.2

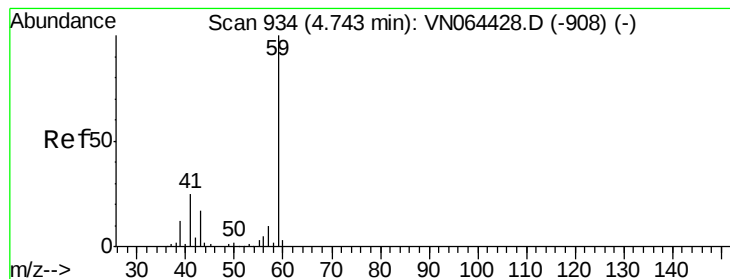


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



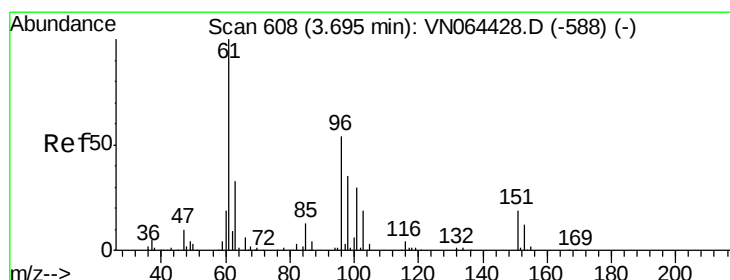
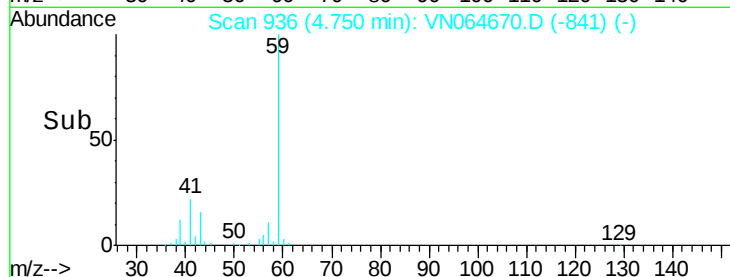
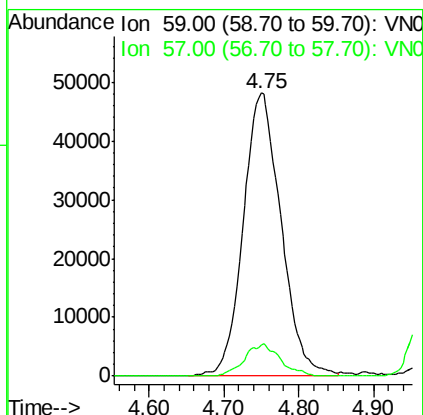
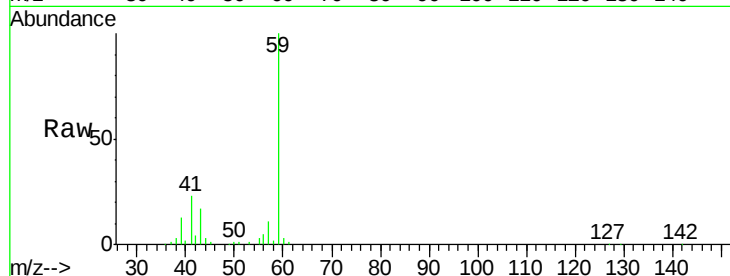


#11

Tert butyl alcohol
Concen: 251.947 ug/l
RT: 4.75 min Scan# 936
Delta R.T. 0.01 min
Lab File: VN064670.D
Acq: 16 Nov 2020 19:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

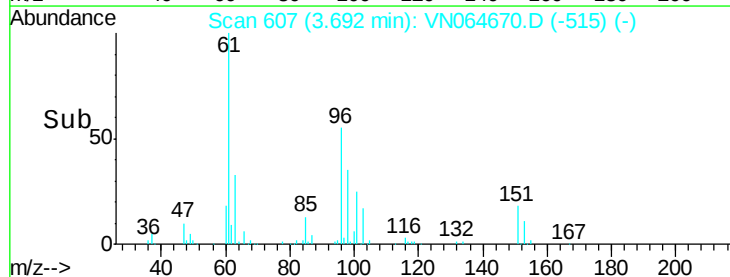
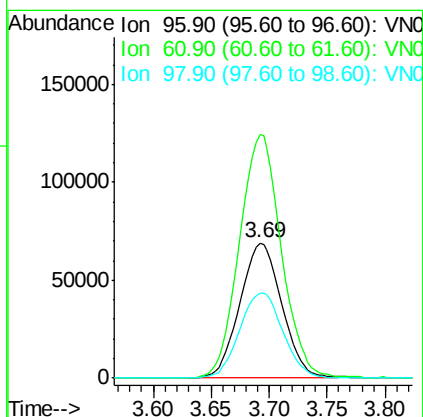
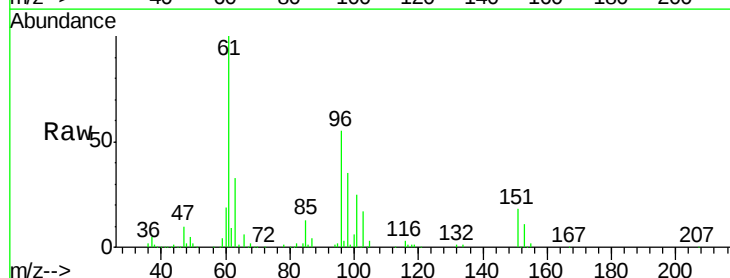
Tot Ion: 59 Resp: 169618
Ion Ratio Lower Upper
59 100
57 10.7 9.0 13.4

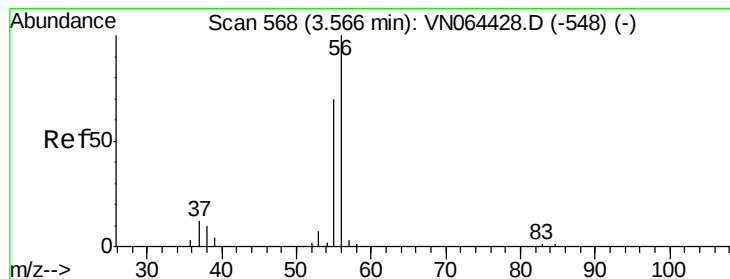


#12

1,1-Dichloroethene
Concen: 46.427 ug/l
RT: 3.69 min Scan# 607
Delta R.T. -0.00 min
Lab File: VN064670.D
Acq: 16 Nov 2020 19:13

Tgt Ion: 96 Resp: 174020
Ion Ratio Lower Upper
96 100
61 180.2 149.5 224.3
98 62.4 52.4 78.6





#13

Acrolein

Concen: 221.619 ug/l

RT: 3.57 min Scan# 568

Delta R.T. -0.00 min

Lab File: VN064670.D

Acq: 16 Nov 2020 19:13

Instrument :

MSVOA_N

ClientSampleId :

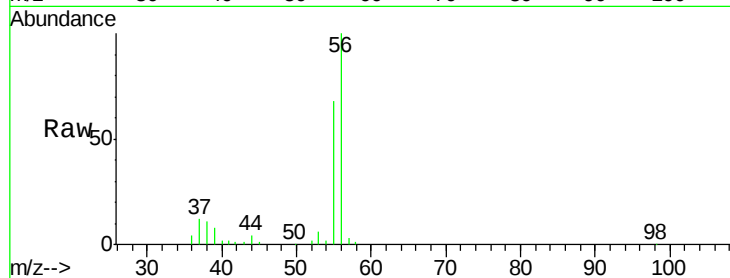
VSTDCCC050EC

Tot Ion: 56 Resp: 92547

Ion Ratio Lower Upper

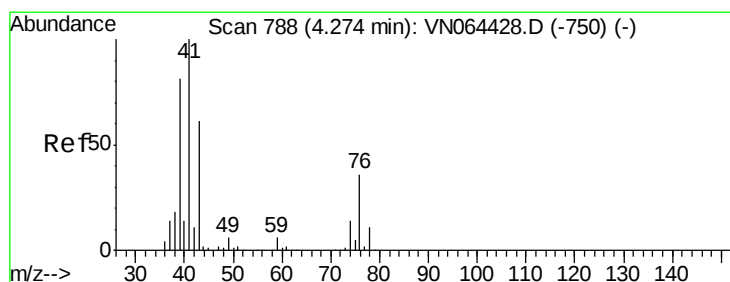
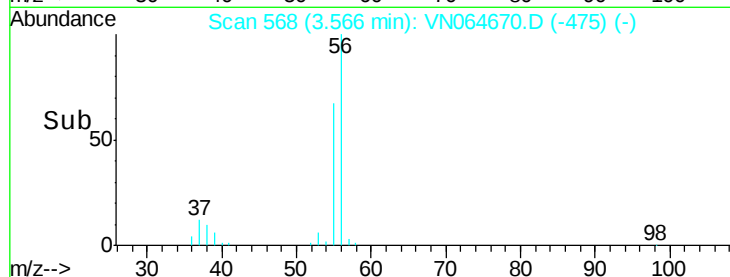
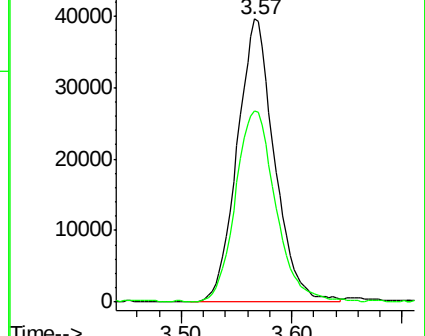
56 100

55 73.3 55.9 83.9



Abundance Ion 56.00 (55.70 to 56.70): VNO

Ion 55.00 (54.70 to 55.70): VNO



#14

Allyl chloride

Concen: 43.645 ug/l

RT: 4.28 min Scan# 789

Delta R.T. 0.00 min

Lab File: VN064670.D

Acq: 16 Nov 2020 19:13

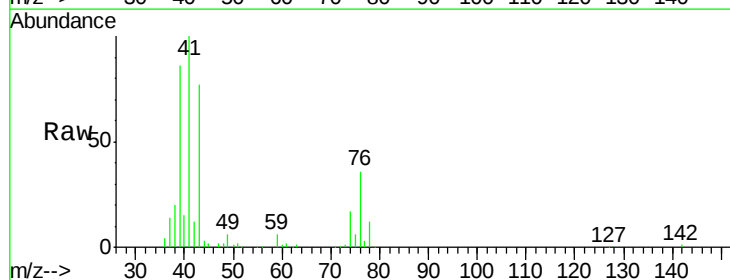
Tgt Ion: 41 Resp: 320023

Ion Ratio Lower Upper

41 100

39 80.0 61.8 92.8

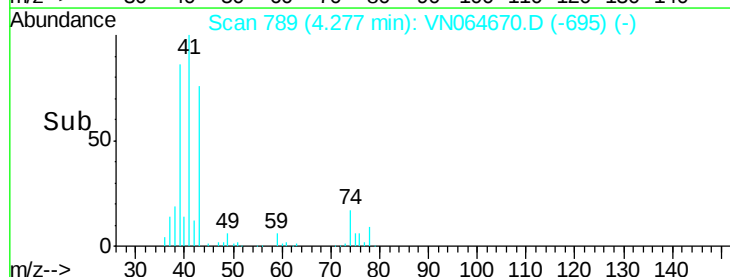
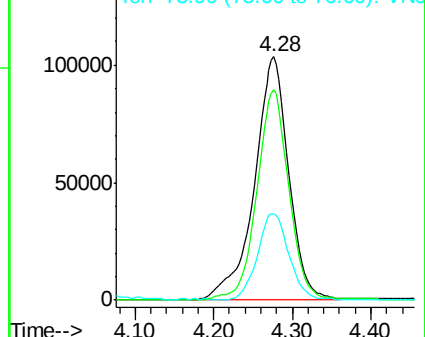
76 32.9 25.4 38.0

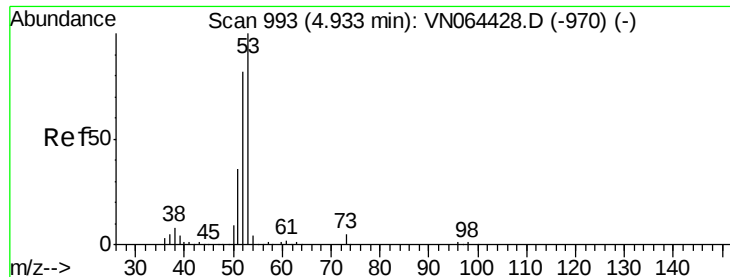


Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 75.90 (75.60 to 76.60): VNO





#15

Acrylonitrile

Concen: 253.326 ug/l

RT: 4.94 min Scan# 994

Delta R.T. 0.00 min

Lab File: VN064670.D

Acq: 16 Nov 2020 19:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

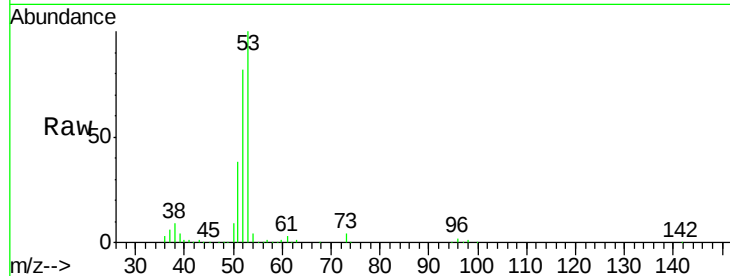
Tot Ion: 53 Resp: 474820

Ion Ratio Lower Upper

53 100

52 81.8 65.6 98.4

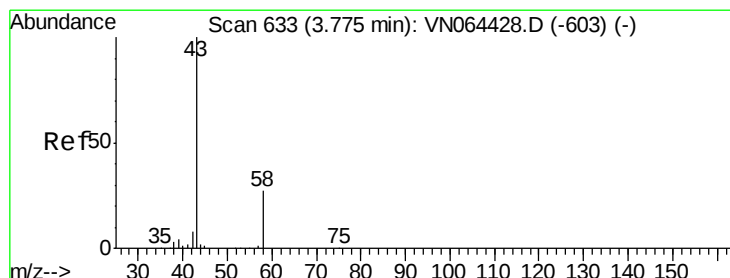
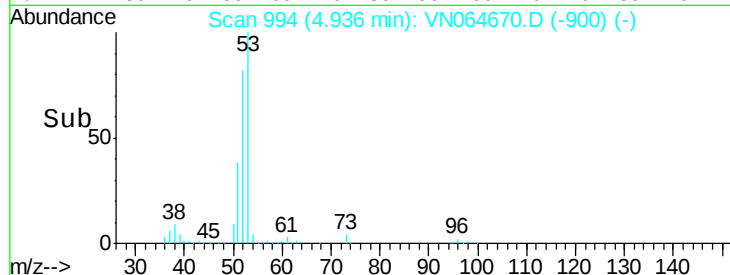
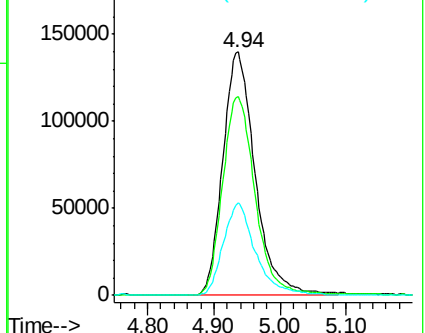
51 37.9 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VN064670.D (-900) (-)

Ion 52.00 (51.70 to 52.70): VN064670.D (-900) (-)

Ion 51.00 (50.70 to 51.70): VN064670.D (-900) (-)



#16

Acetone

Concen: 192.525 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN064670.D

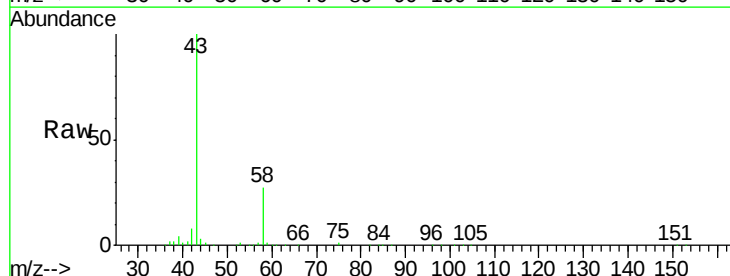
Acq: 16 Nov 2020 19:13

Tgt Ion: 43 Resp: 447700

Ion Ratio Lower Upper

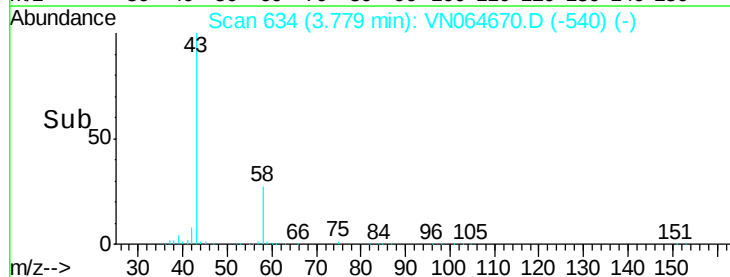
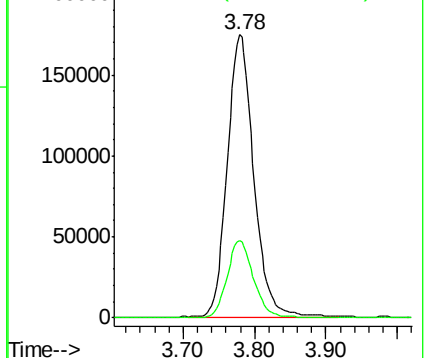
43 100

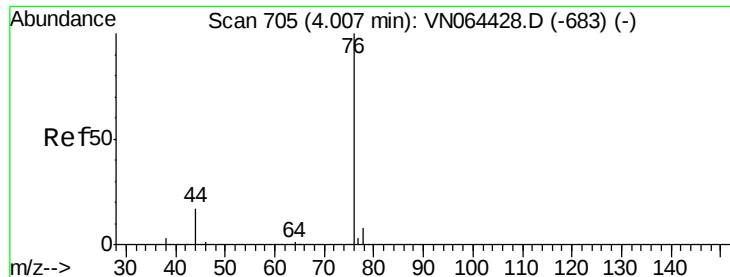
58 27.4 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VN064670.D (-540) (-)

Ion 58.00 (57.70 to 58.70): VN064670.D (-540) (-)

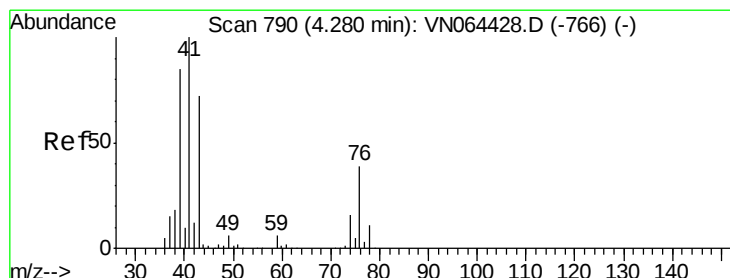
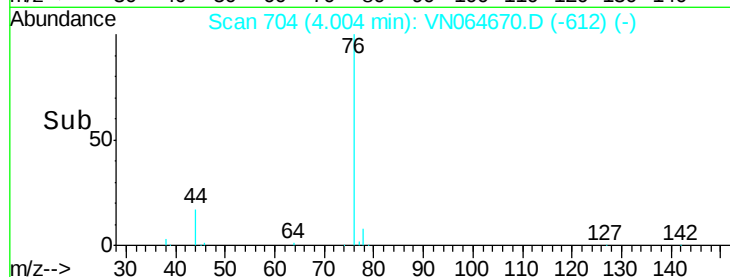
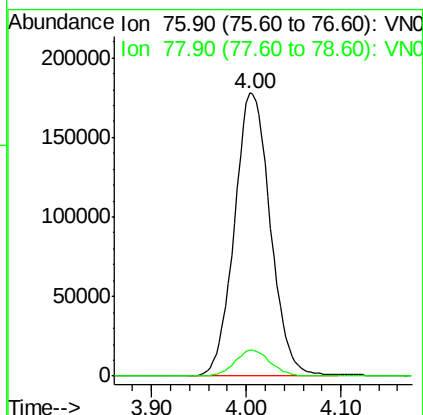
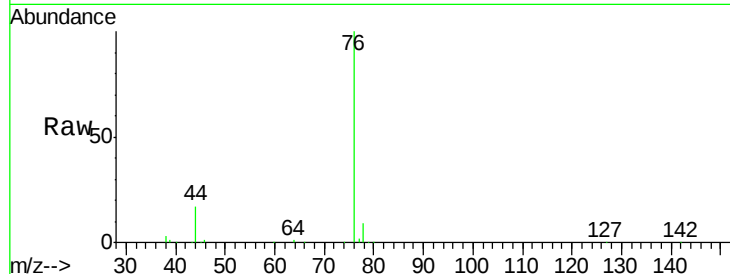




#17
Carbon Disulfide
Concen: 41.910 ug/l
RT: 4.00 min Scan# 704
Delta R.T. -0.00 min
Lab File: VN064670.D
Acq: 16 Nov 2020 19:13

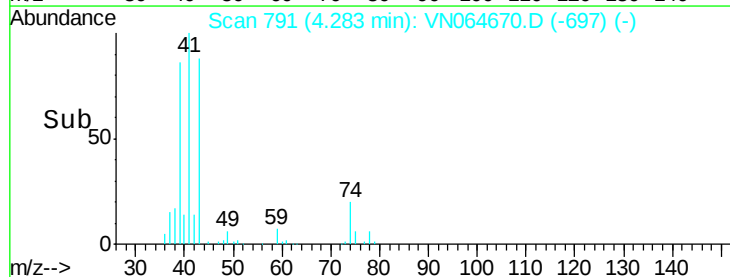
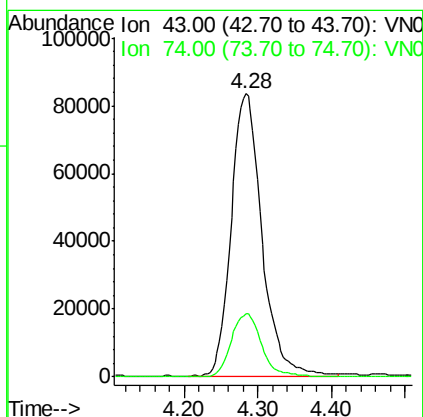
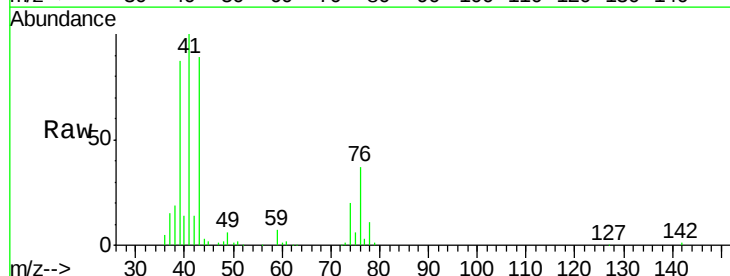
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

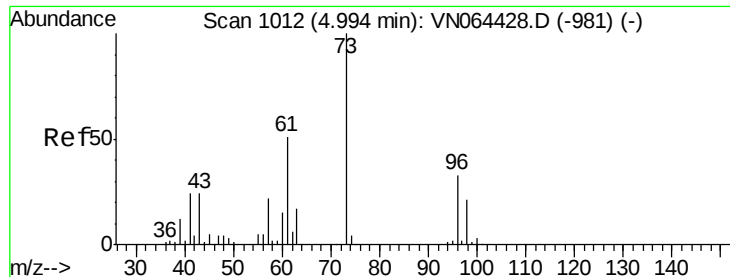
Tot Ion: 76 Resp: 469778
Ion Ratio Lower Upper
76 100
78 9.3 6.8 10.2



#18
Methyl Acetate
Concen: 52.819 ug/l
RT: 4.28 min Scan# 791
Delta R.T. 0.00 min
Lab File: VN064670.D
Acq: 16 Nov 2020 19:13

Tgt Ion: 43 Resp: 241474
Ion Ratio Lower Upper
43 100
74 22.2 17.0 25.4

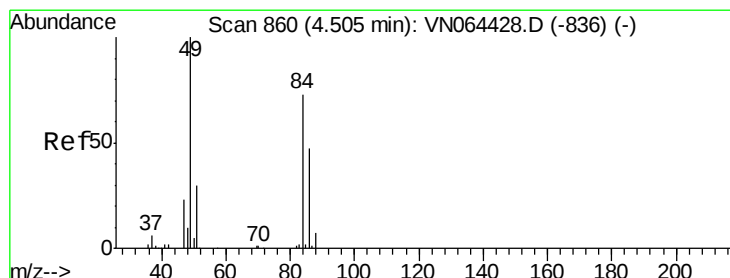
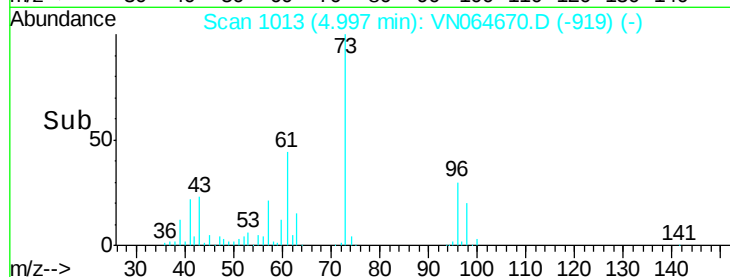
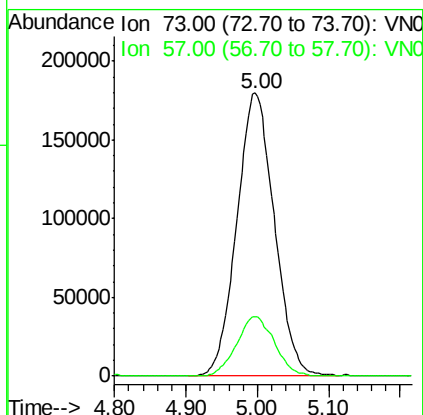
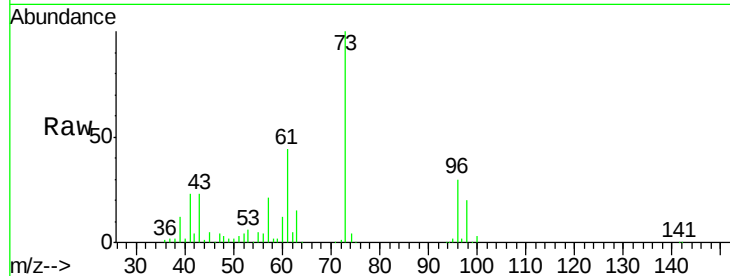




#19
Methvl tert-butvl Ether
Concen: 48.767 ug/l
RT: 5.00 min Scan# 1013
Delta R.T. 0.00 min
Lab File: VN064670.D
Acq: 16 Nov 2020 19:13

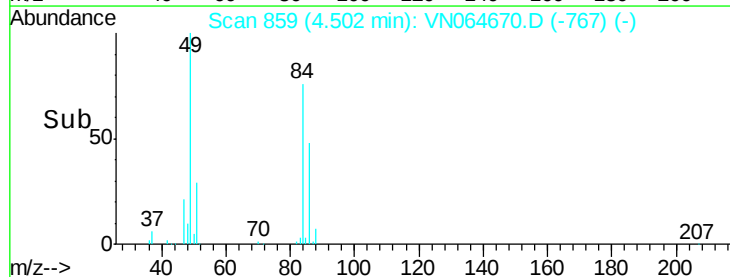
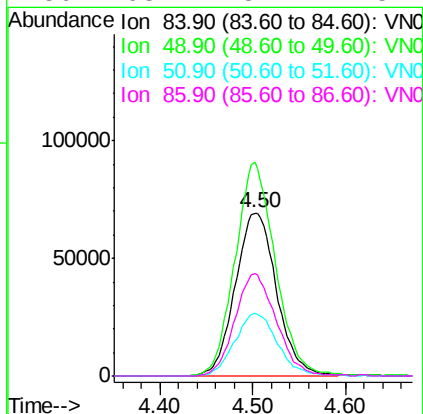
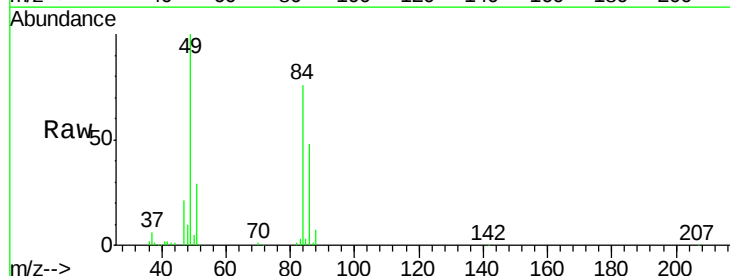
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

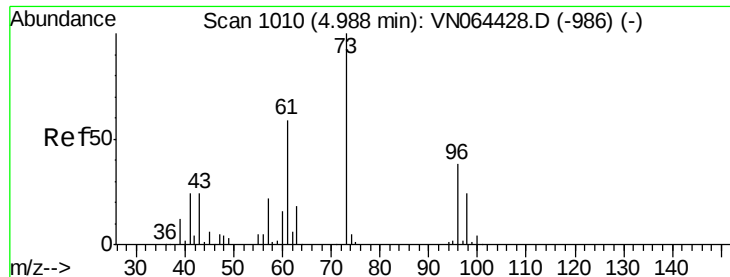
Tot Ion: 73 Resp: 657880
Ion Ratio Lower Upper
73 100
57 21.0 17.7 26.5



#20
Methylene Chloride
Concen: 46.421 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN064670.D
Acq: 16 Nov 2020 19:13

Tgt Ion: 84 Resp: 214178
Ion Ratio Lower Upper
84 100
49 130.7 110.1 165.1
51 38.2 33.6 50.4
86 63.2 52.1 78.1



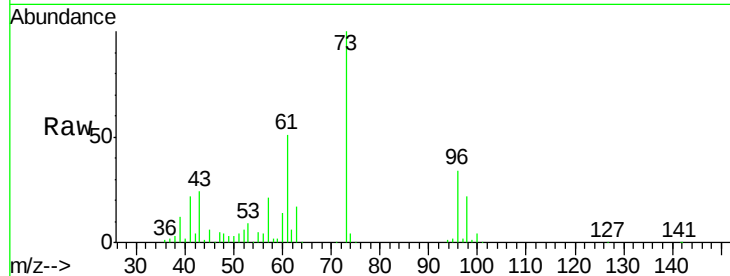


#21

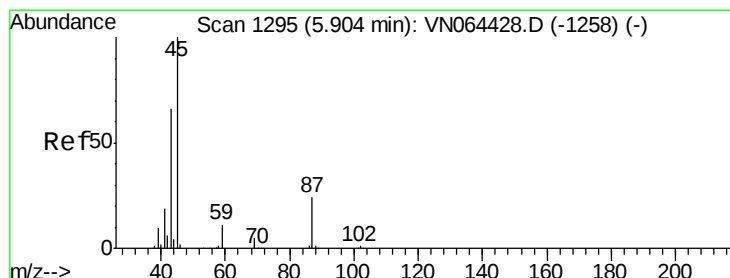
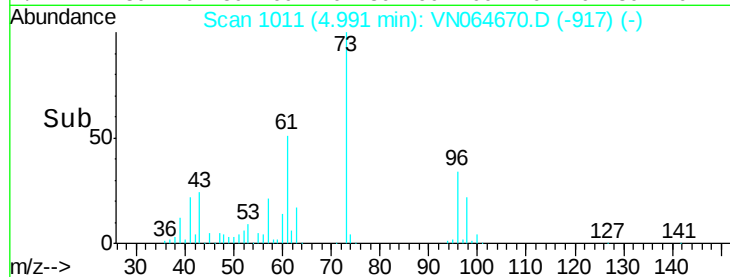
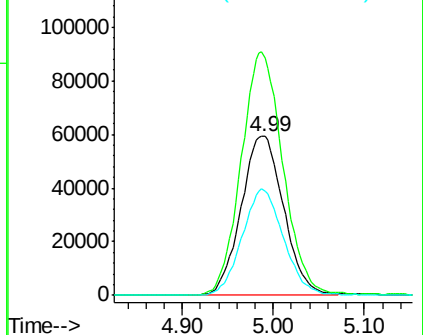
trans-1,2-Dichloroethene
Concen: 45.338 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN064670.D
Acq: 16 Nov 2020 19:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 96 Resp: 192952
Ion Ratio Lower Upper
96 100
61 149.5 122.4 183.6
98 66.0 50.4 75.6



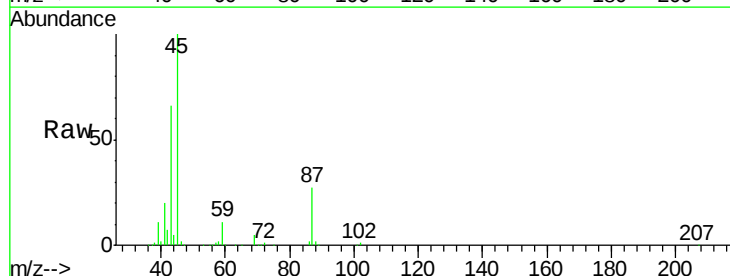
Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



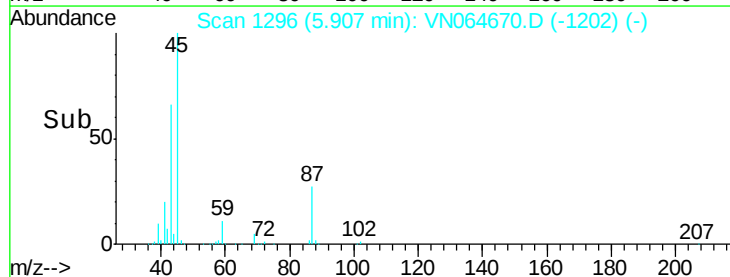
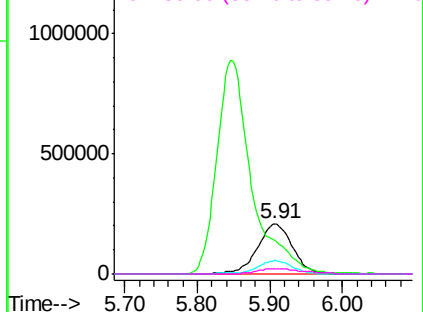
#22

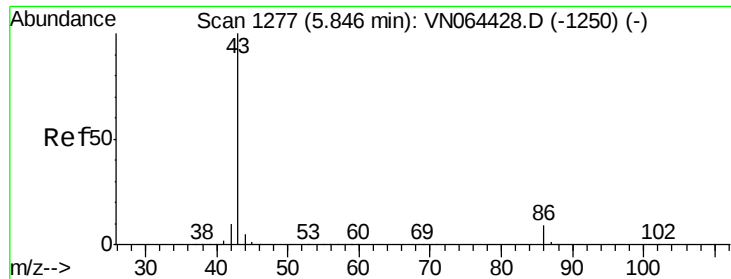
Diisopropyl ether
Concen: 45.144 ug/l
RT: 5.91 min Scan# 1296
Delta R.T. 0.00 min
Lab File: VN064670.D
Acq: 16 Nov 2020 19:13

Tgt Ion: 45 Resp: 702646
Ion Ratio Lower Upper
45 100
43 65.1 53.2 79.8
87 26.6 19.9 29.9
59 10.9 8.6 13.0



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0

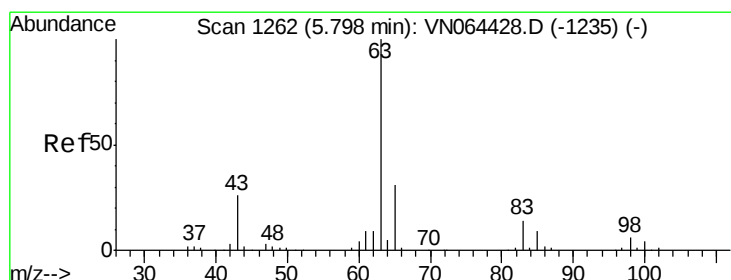
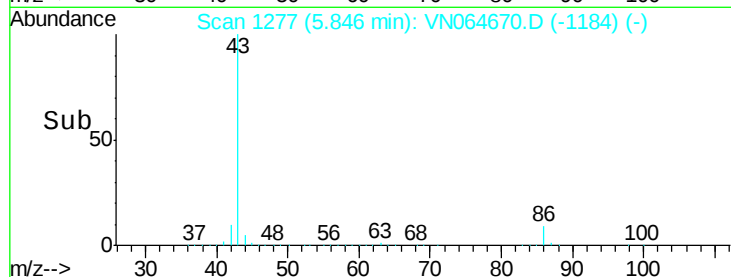
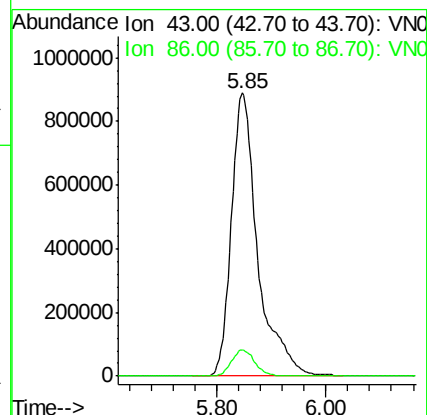
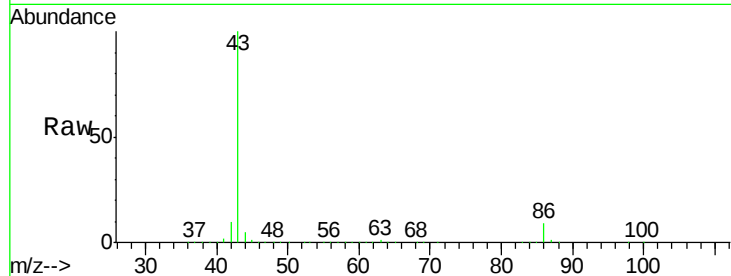




#23
 Vinyl Acetate
 Concen: 235.379 ug/l
 RT: 5.85 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: VN064670.D
 Acq: 16 Nov 2020 19:13

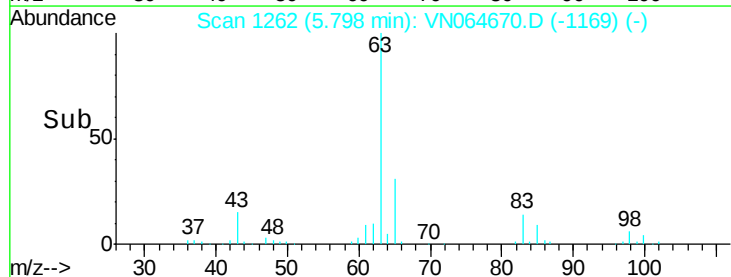
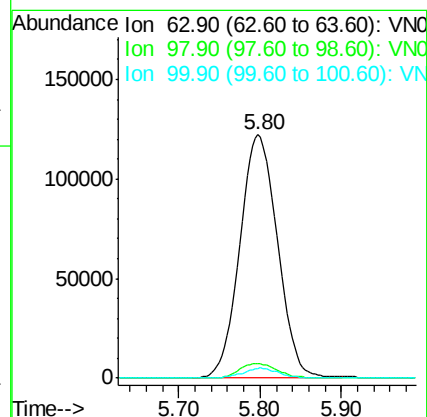
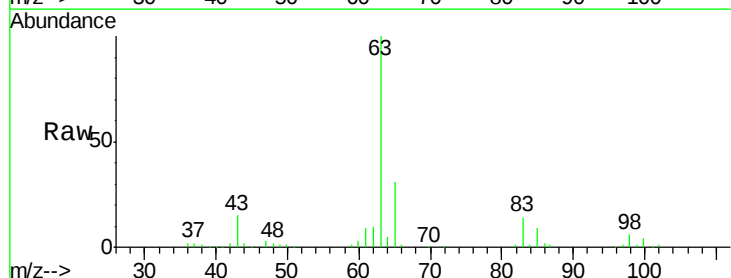
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

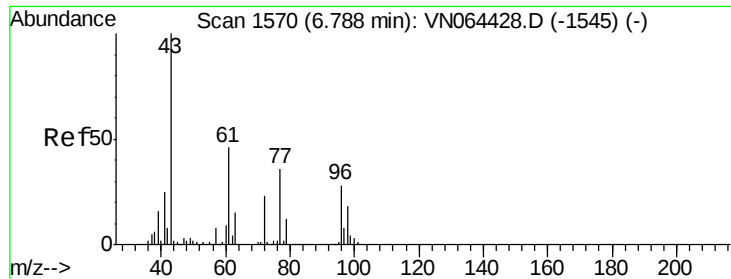
Tot Ion: 43 Resp: 2980331
 Ion Ratio Lower Upper
 43 100
 86 9.4 6.8 10.2



#24
 1,1-Dichloroethane
 Concen: 45.819 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. -0.00 min
 Lab File: VN064670.D
 Acq: 16 Nov 2020 19:13

Tgt Ion: 63 Resp: 391882
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.0 9.2
 100 4.1 1.8 5.3





#25

2-Butanone

Concen: 226.238 ug/l

RT: 6.79 min Scan# 1571

Delta R.T. 0.00 min

Lab File: VN064670.D

Acq: 16 Nov 2020 19:13

Instrument :

MSVOA_N

ClientSampleId :

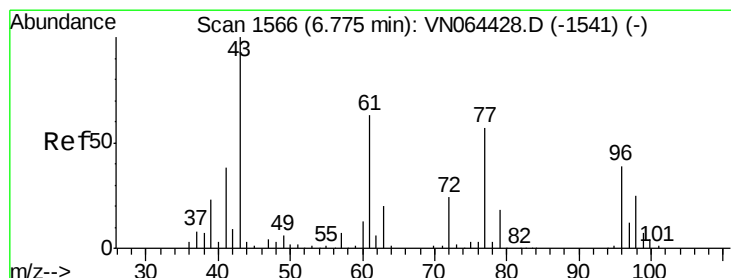
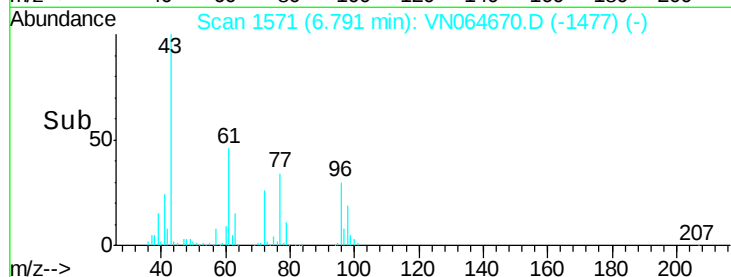
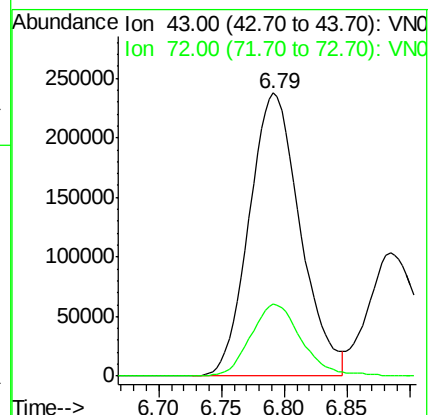
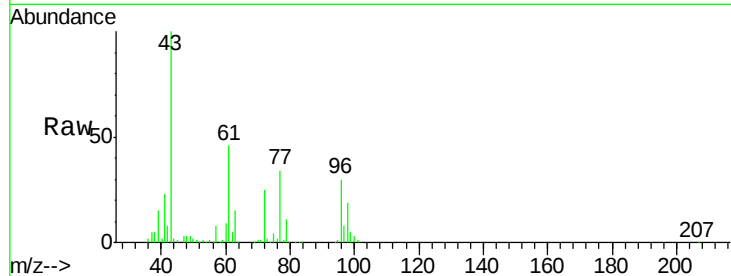
VSTDCCC050EC

Tot Ion: 43 Resp: 670320

Ion Ratio Lower Upper

43 100

72 25.5 18.5 27.7



#26

2,2-Dichloropropane

Concen: 43.794 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VN064670.D

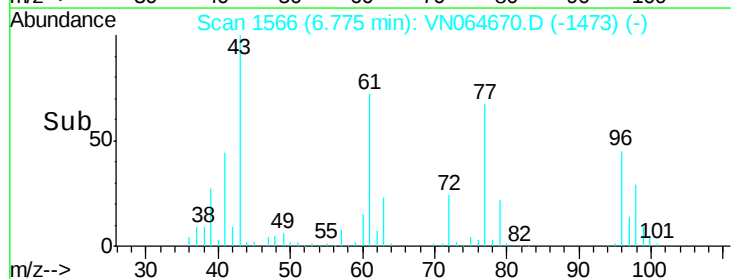
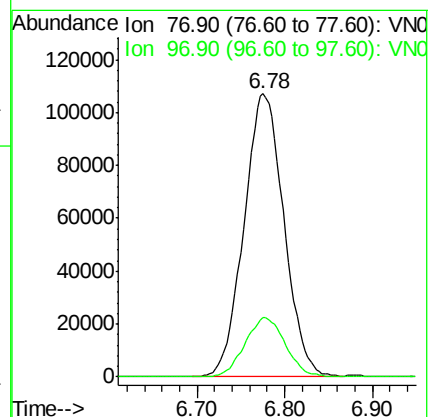
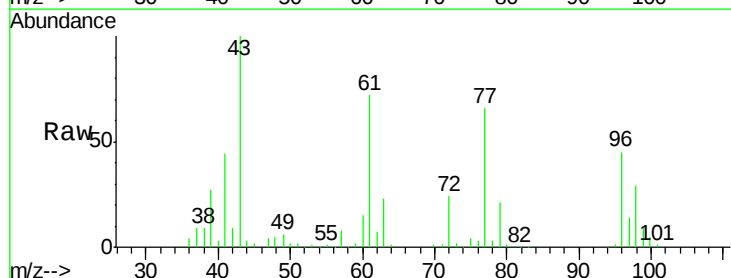
Acq: 16 Nov 2020 19:13

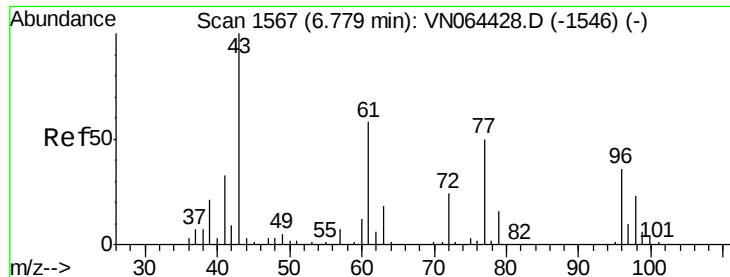
Tgt Ion: 77 Resp: 339071

Ion Ratio Lower Upper

77 100

97 21.3 10.2 30.6





#27

cis-1,2-Dichloroethene

Concen: 46.327 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN064670.D

Acq: 16 Nov 2020 19:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

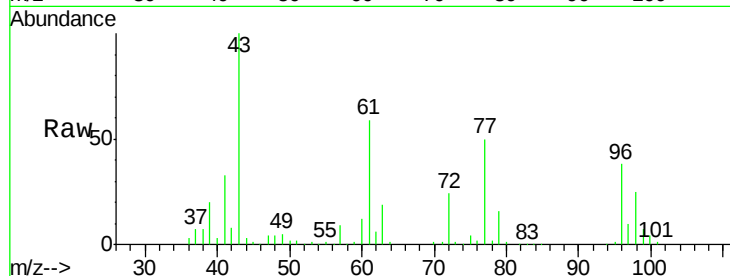
Tot Ion: 96 Resp: 228460

Ion Ratio Lower Upper

96 100

61 158.8 0.0 329.6

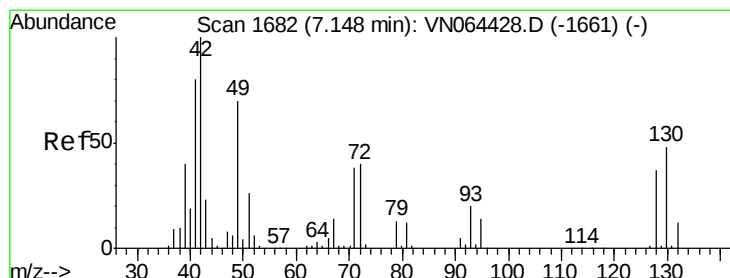
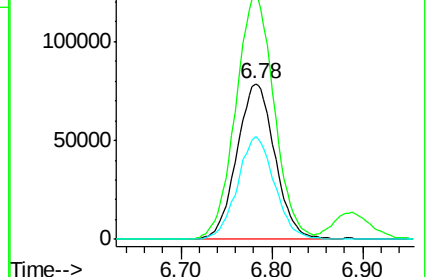
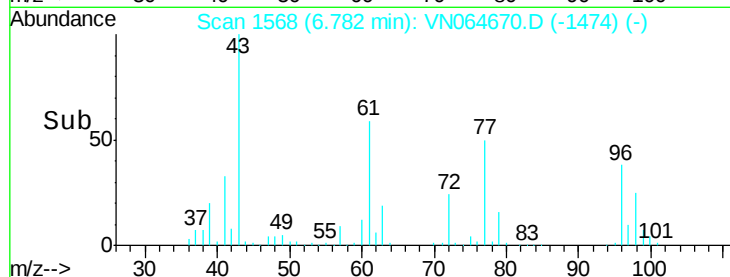
98 64.3 0.0 131.2



Abundance Ion 95.90 (95.60 to 96.60): VN064670.D (-1474) (-)

Ion 60.90 (60.60 to 61.60): VN064670.D (-1474) (-)

Ion 97.90 (97.60 to 98.60): VN064670.D (-1474) (-)



#28

Bromochloromethane

Concen: 42.643 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VN064670.D

Acq: 16 Nov 2020 19:13

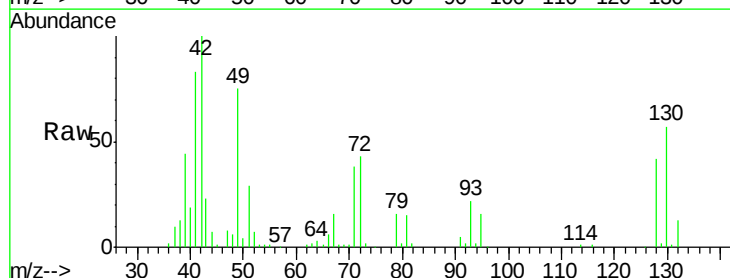
Tgt Ion: 49 Resp: 179273

Ion Ratio Lower Upper

49 100

129 0.9 0.0 3.6

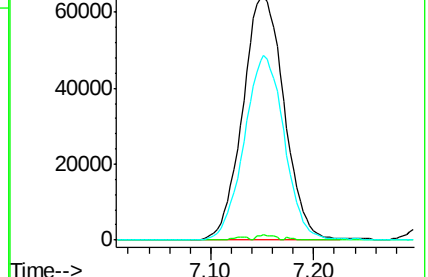
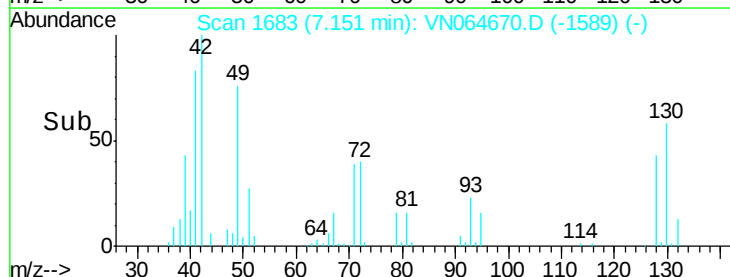
130 73.1 54.2 81.4

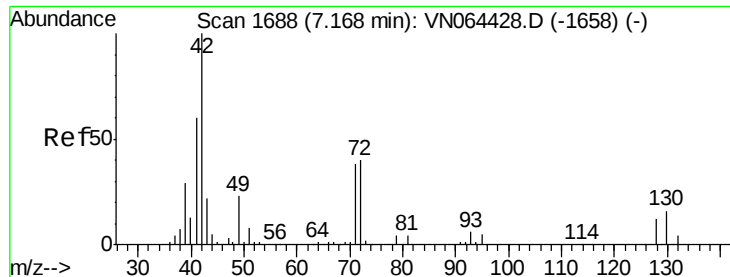


Abundance Ion 48.90 (48.60 to 49.60): VN064670.D (-1589) (-)

Ion 128.80 (128.50 to 129.50): VN064670.D (-1589) (-)

Ion 129.80 (129.50 to 130.50): VN064670.D (-1589) (-)

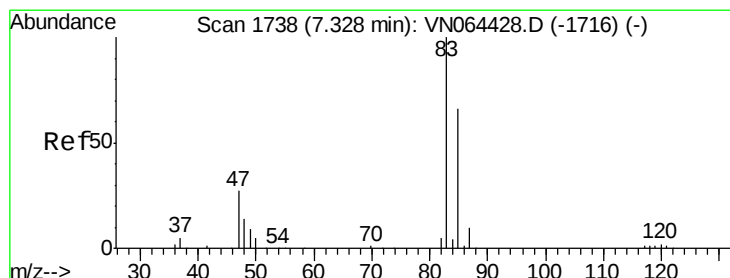
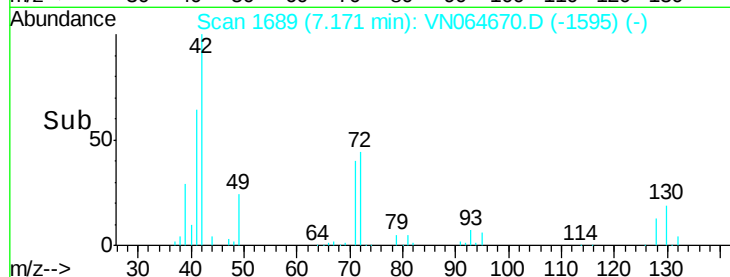
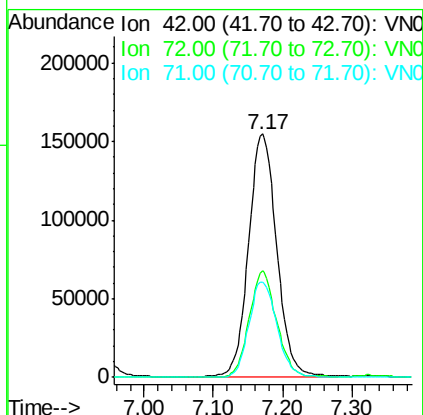
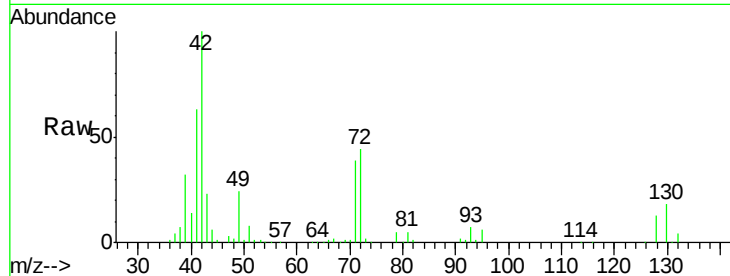




#29
Tetrahydrofuran
Concen: 240.276 ug/l
RT: 7.17 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VN064670.D
Acq: 16 Nov 2020 19:13

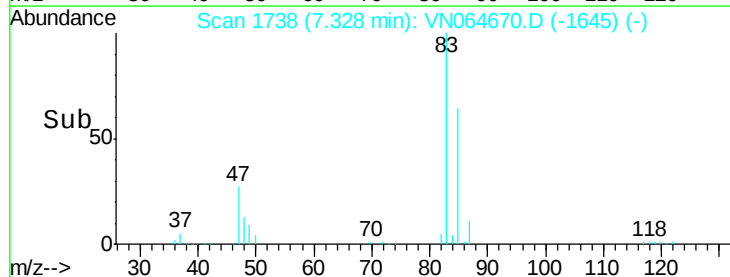
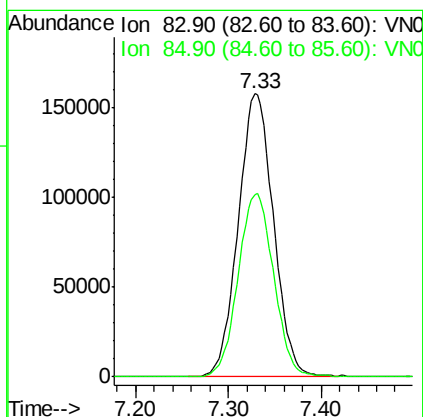
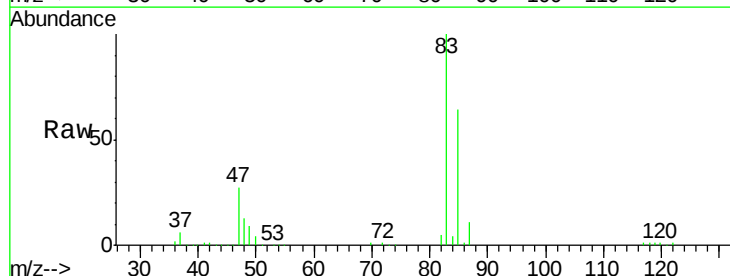
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

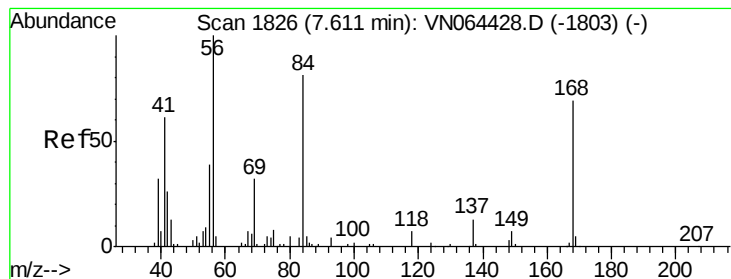
Tot Ion: 42 Resp: 436776
Ion Ratio Lower Upper
42 100
72 42.2 31.7 47.5
71 39.1 29.8 44.6



#30
Chloroform
Concen: 46.437 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VN064670.D
Acq: 16 Nov 2020 19:13

Tgt Ion: 83 Resp: 417485
Ion Ratio Lower Upper
83 100
85 64.4 52.5 78.7





#31

Cyclohexane

Concen: 40.621 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN064670.D

Acq: 16 Nov 2020 19:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

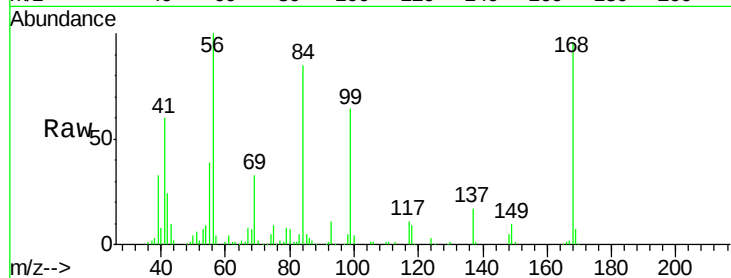
Tot Ion: 56 Resp: 301450

Ion Ratio Lower Upper

56 100

69 33.2 25.6 38.4

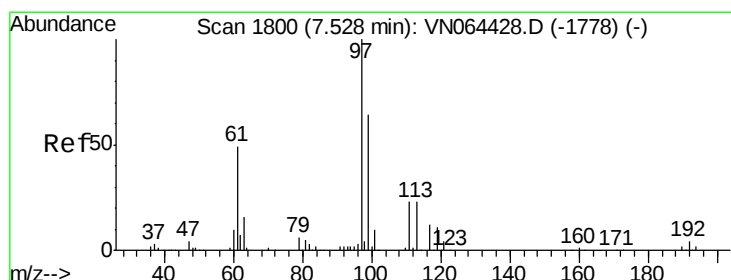
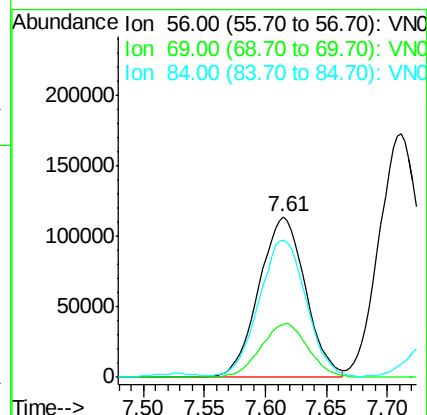
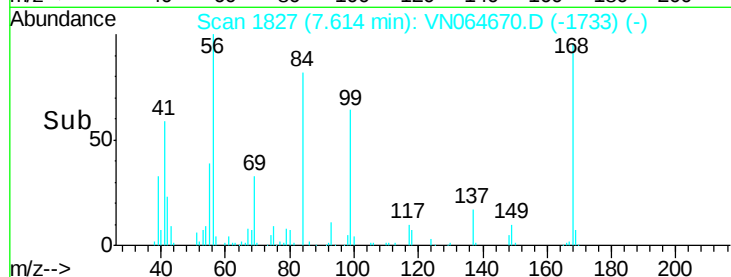
84 83.5 63.0 94.6



Abundance Ion 56.00 (55.70 to 56.70): VN064670.D (-1733) (-)

Ion 69.00 (68.70 to 69.70): VN064670.D (-1733) (-)

Ion 84.00 (83.70 to 84.70): VN064670.D (-1733) (-)



#32

1,1,1-Trichloroethane

Concen: 47.650 ug/l

RT: 7.53 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN064670.D

Acq: 16 Nov 2020 19:13

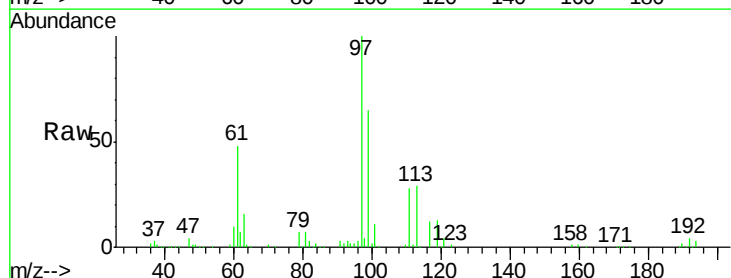
Tgt Ion: 97 Resp: 379955

Ion Ratio Lower Upper

97 100

99 65.0 51.3 76.9

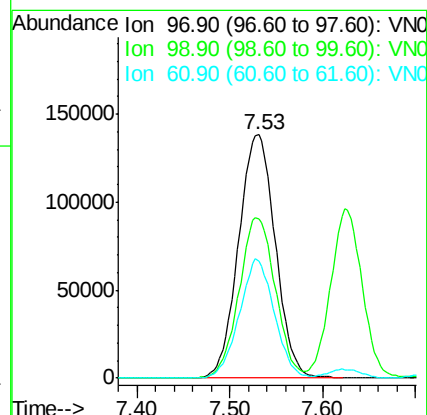
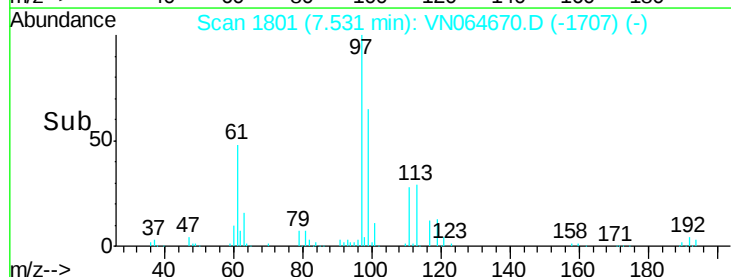
61 46.6 39.1 58.7

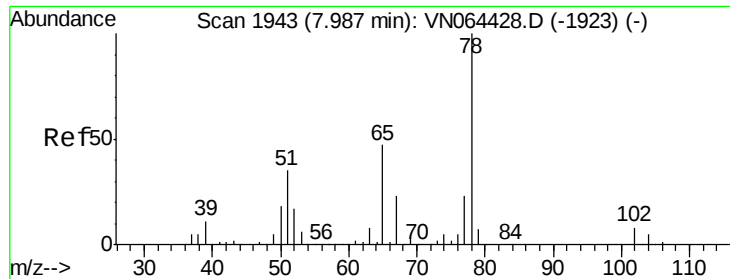


Abundance Ion 96.90 (96.60 to 97.60): VN064670.D (-1707) (-)

Ion 98.90 (98.60 to 99.60): VN064670.D (-1707) (-)

Ion 60.90 (60.60 to 61.60): VN064670.D (-1707) (-)





#33

1,2-Dichloroethane-d4

Concen: 44.974 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN064670.D

Acq: 16 Nov 2020 19:13

Instrument :

MSVOA_N

ClientSampleId :

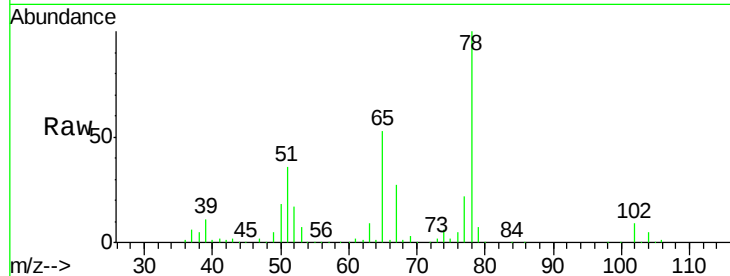
VSTDCCC050EC

Tot Ion: 65 Resp: 274556

Ion Ratio Lower Upper

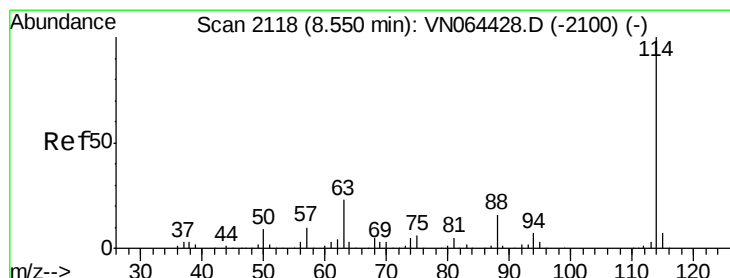
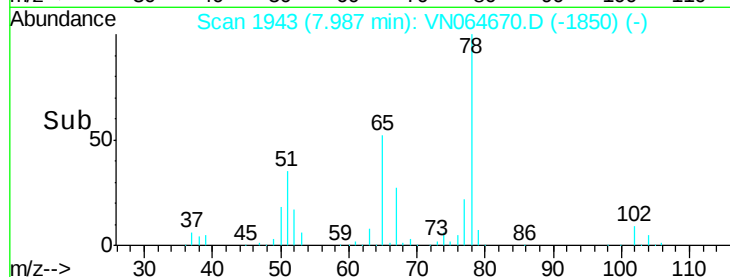
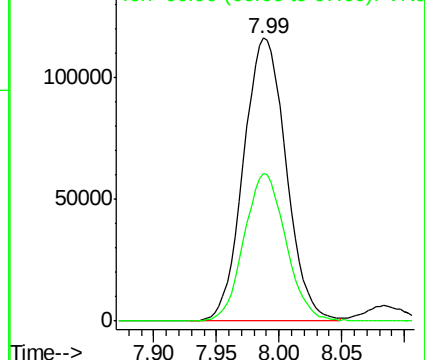
65 100

67 51.2 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VN064670.D (-1850) (-)

Ion 66.90 (66.60 to 67.60): VN064670.D (-1850) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN064670.D

Acq: 16 Nov 2020 19:13

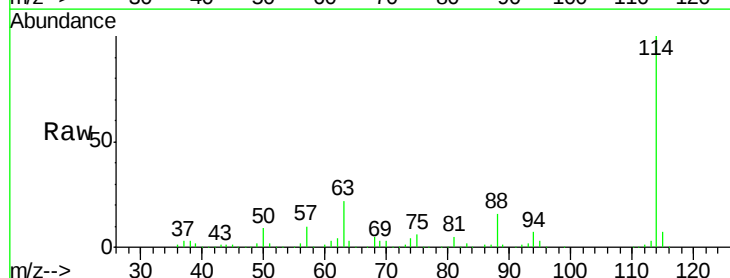
Tgt Ion: 114 Resp: 607706

Ion Ratio Lower Upper

114 100

63 21.8 0.0 45.6

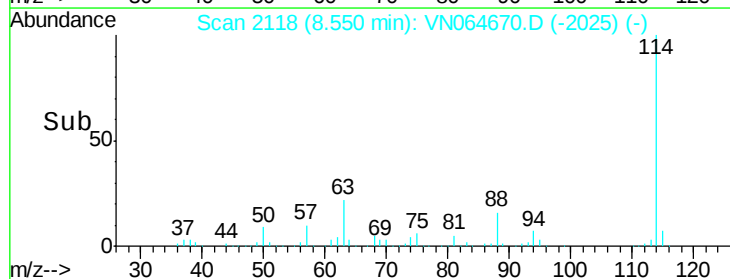
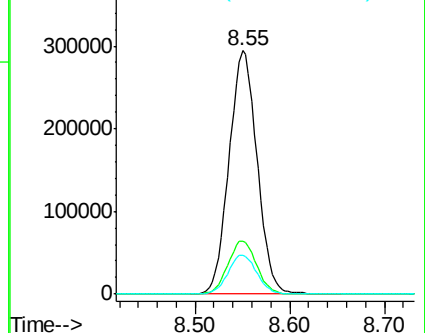
88 16.1 0.0 32.8

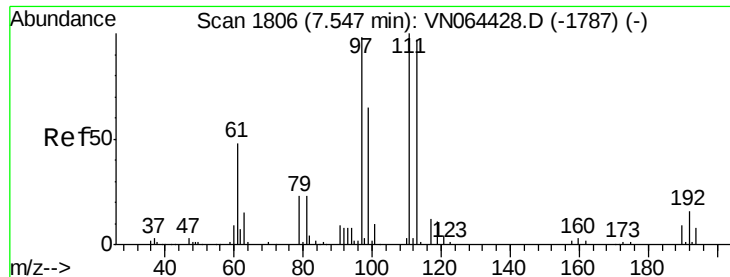


Abundance Ion 113.90 (113.60 to 114.60): VN064670.D (-2025) (-)

Ion 63.00 (62.70 to 63.70): VN064670.D (-2025) (-)

Ion 87.90 (87.60 to 88.60): VN064670.D (-2025) (-)

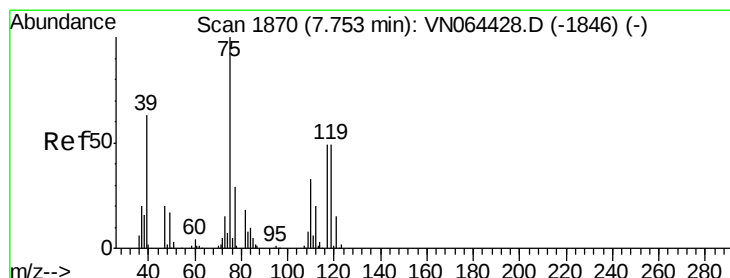
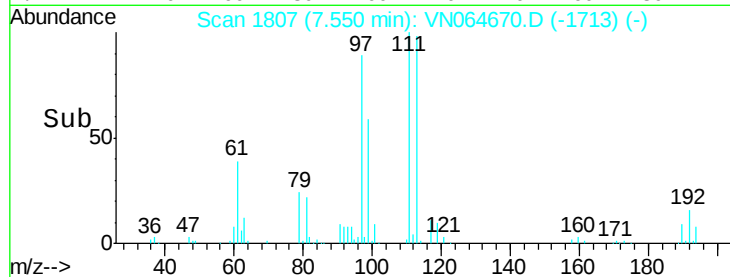
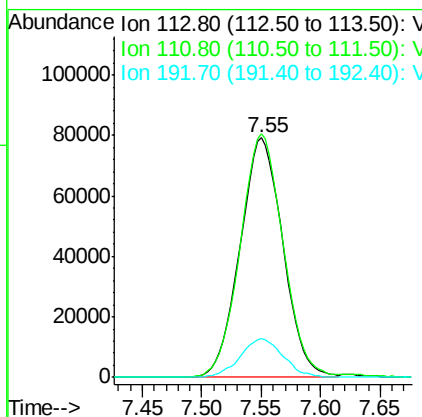
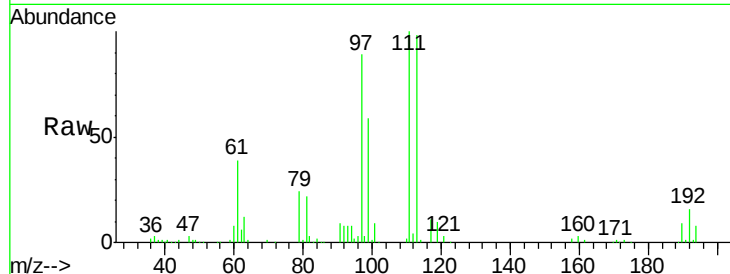




#35
 Dibromofluoromethane
 Concen: 47.786 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064670.D
 Acq: 16 Nov 2020 19:13

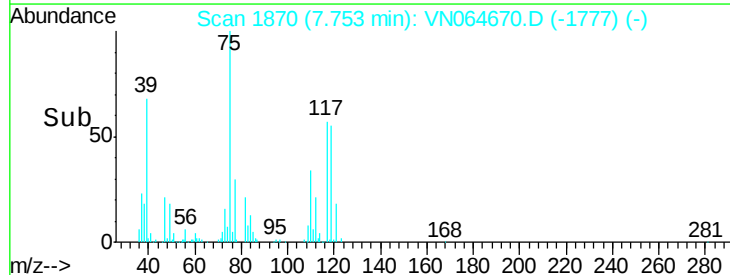
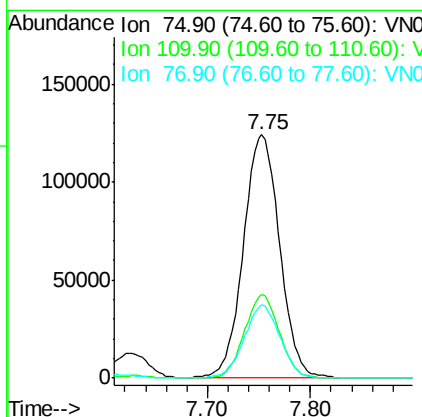
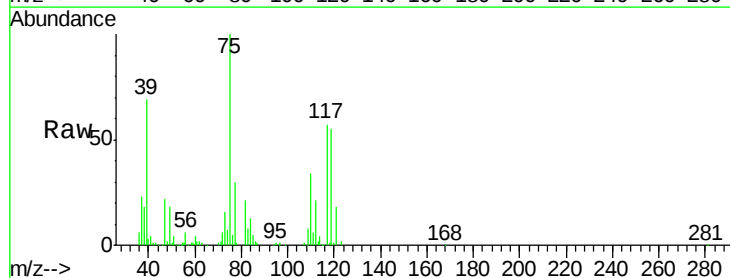
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

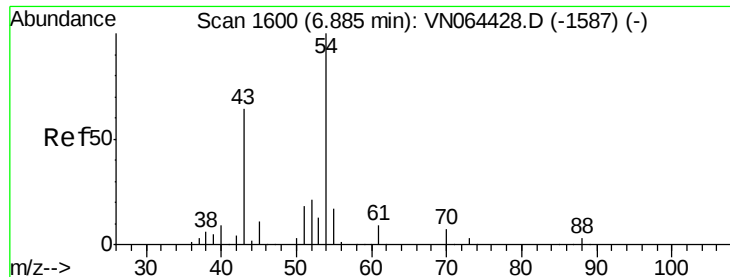
Tot Ion:113 Resp: 197723
 Ion Ratio Lower Upper
 113 100
 111 101.7 81.1 121.7
 192 16.4 12.8 19.2



#36
 1,1-Dichloropropene
 Concen: 46.952 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN064670.D
 Acq: 16 Nov 2020 19:13

Tgt Ion: 75 Resp: 301434
 Ion Ratio Lower Upper
 75 100
 110 33.2 16.0 48.0
 77 30.1 24.0 36.0

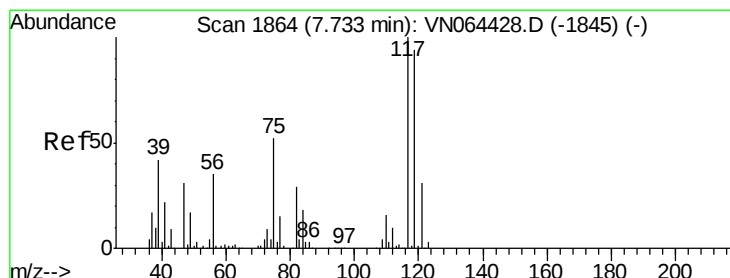
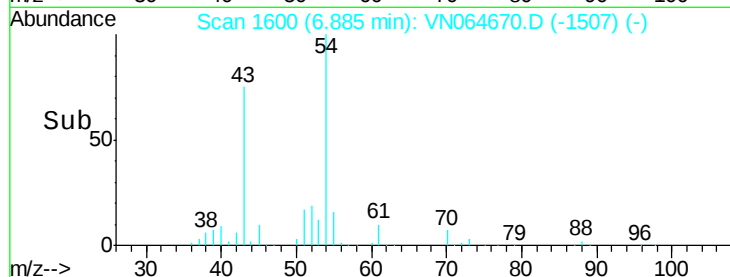
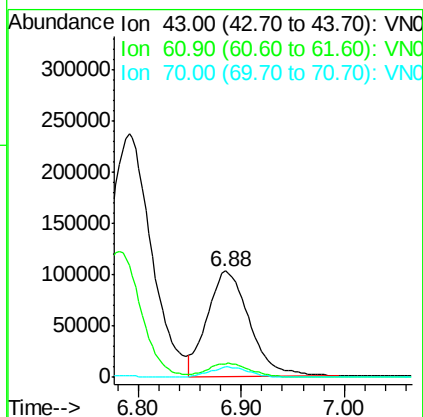
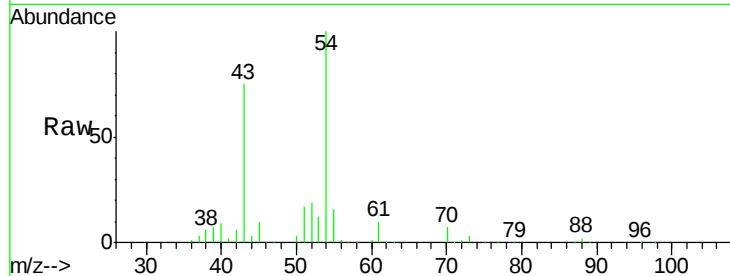




#37
Ethyl Acetate
Concen: 44.922 ug/l
RT: 6.88 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VN064670.D
Acq: 16 Nov 2020 19:13

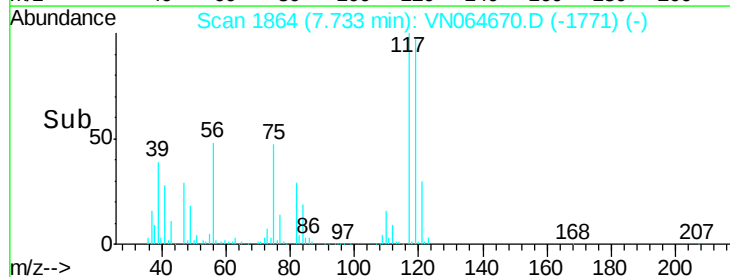
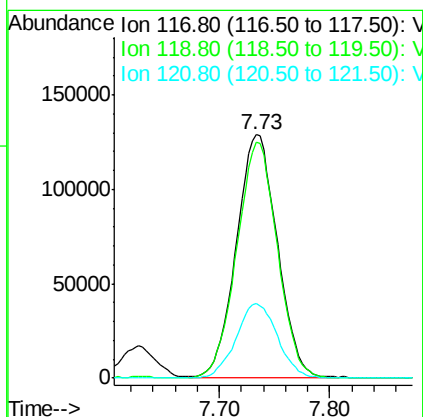
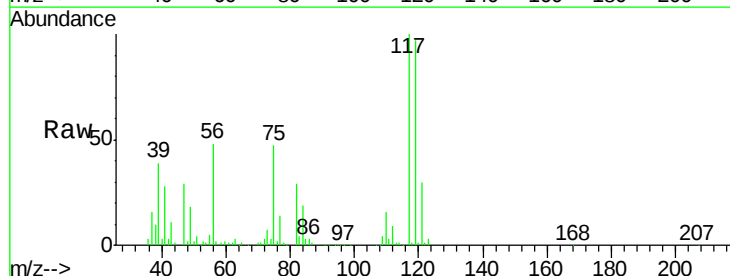
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

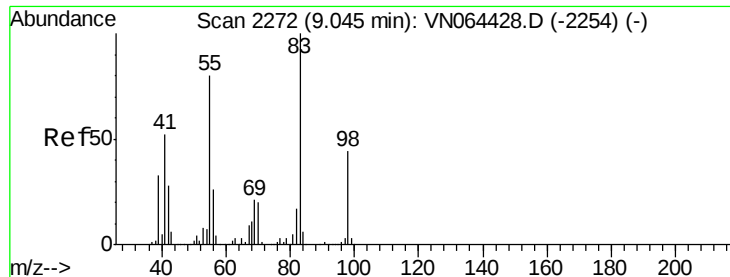
Tot Ion: 43 Resp: 292195
Ion Ratio Lower Upper
43 100
61 13.2 10.0 15.0
70 8.5 7.1 10.7



#38
Carbon Tetrachloride
Concen: 47.944 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN064670.D
Acq: 16 Nov 2020 19:13

Tgt Ion: 117 Resp: 328961
Ion Ratio Lower Upper
117 100
119 96.8 75.5 113.3
121 30.5 24.4 36.6

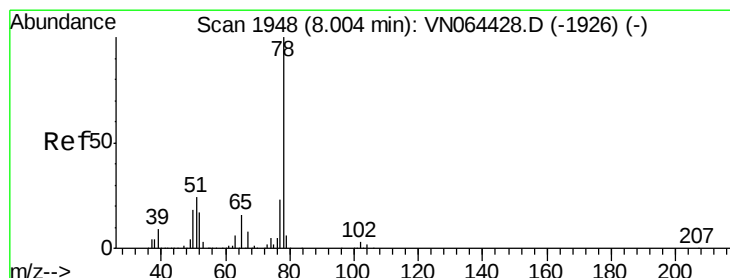
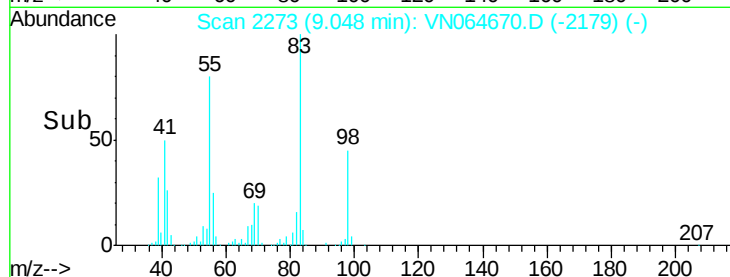
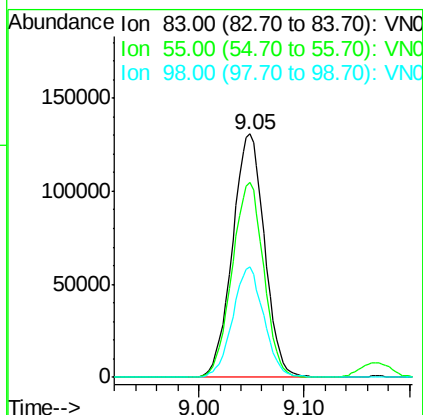
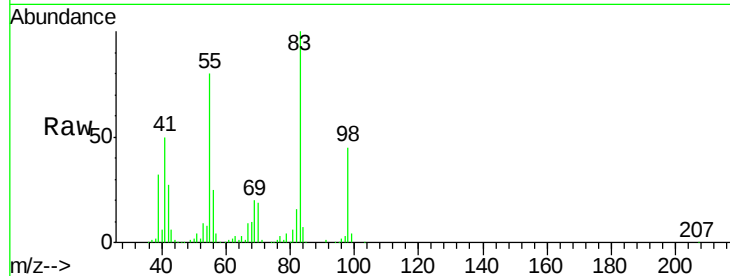




#39
Methvlcvclohexane
Concen: 47.912 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN064670.D
Acq: 16 Nov 2020 19:13

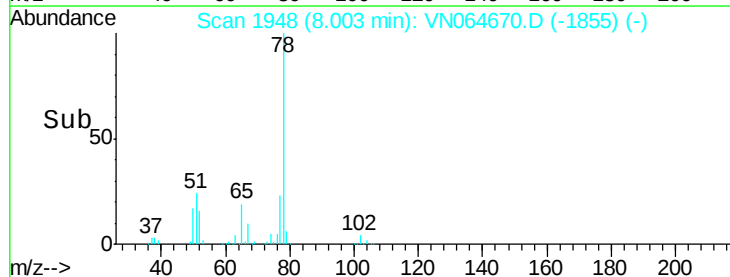
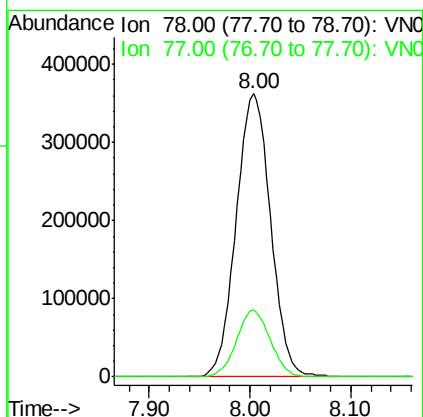
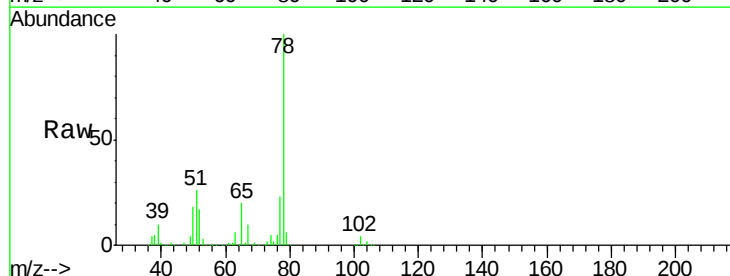
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

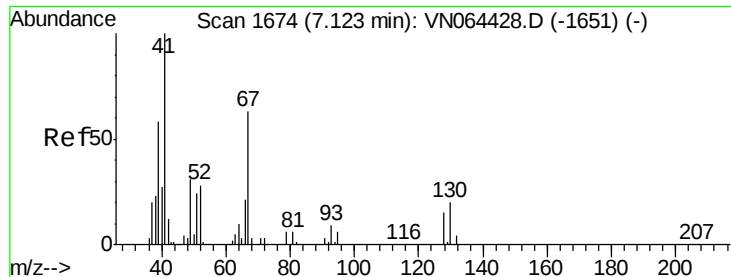
Tot Ion: 83 Resp: 275736
Ion Ratio Lower Upper
83 100
55 80.3 63.8 95.6
98 45.2 35.4 53.2



#40
Benzene
Concen: 45.501 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VN064670.D
Acq: 16 Nov 2020 19:13

Tgt Ion: 78 Resp: 858385
Ion Ratio Lower Upper
78 100
77 23.5 18.7 28.1

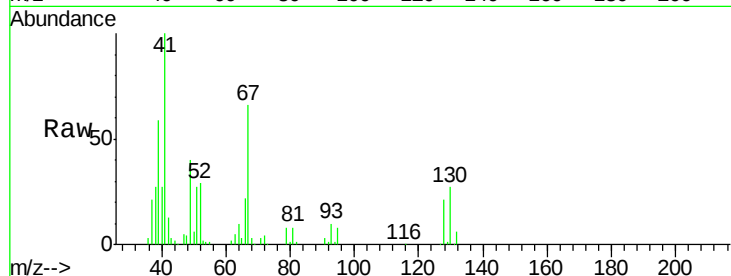




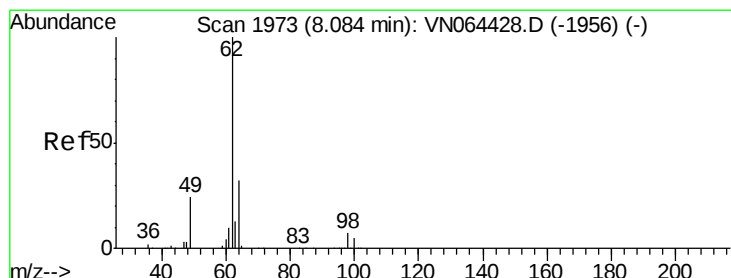
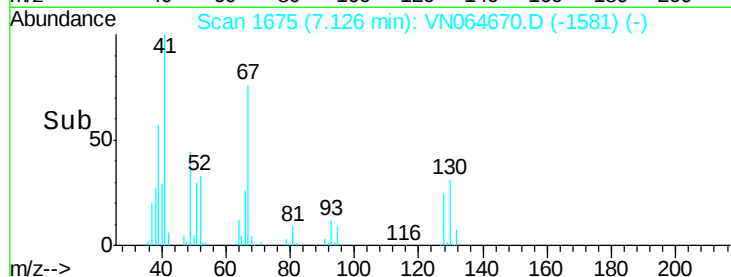
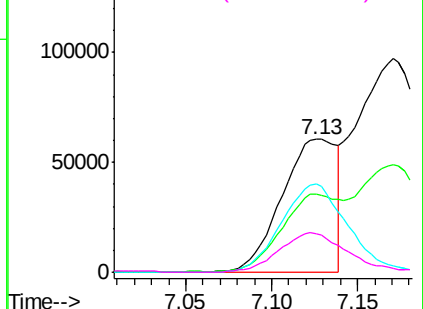
#41
Methacrylonitrile
Concen: 47.318 ug/l
RT: 7.13 min Scan# 1675
Delta R.T. 0.00 min
Lab File: VN064670.D
Acq: 16 Nov 2020 19:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	134681
Ion	Ratio	Lower	Upper
41	100		
39	61.9	50.0	75.0
67	80.6	68.3	102.5
52	37.5	32.7	49.1

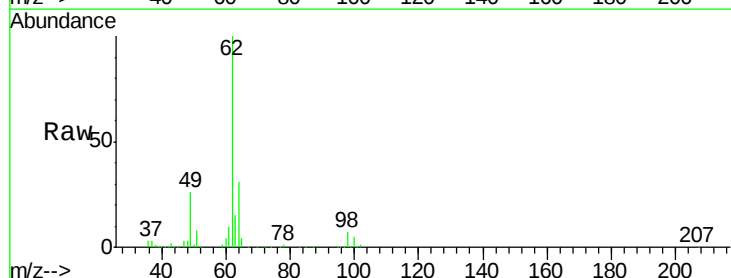


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

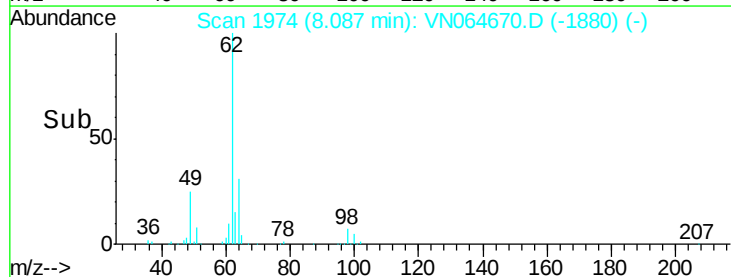
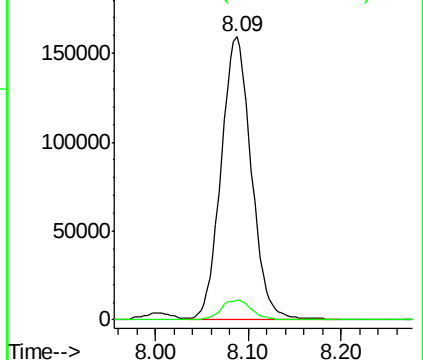


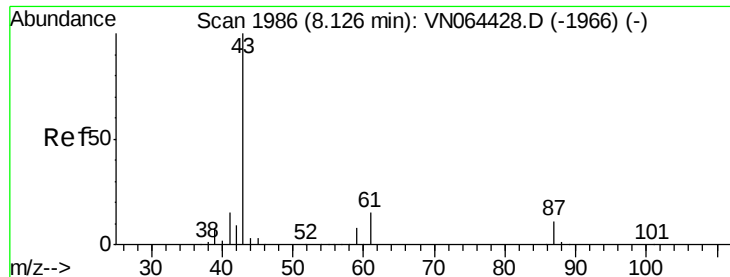
#42
1,2-Dichloroethane
Concen: 47.193 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN064670.D
Acq: 16 Nov 2020 19:13

Tgt Ion:	62	Resp:	359287
Ion	Ratio	Lower	Upper
62	100		
98	7.2	0.0	14.0



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 47.590 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN064670.D

Acq: 16 Nov 2020 19:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

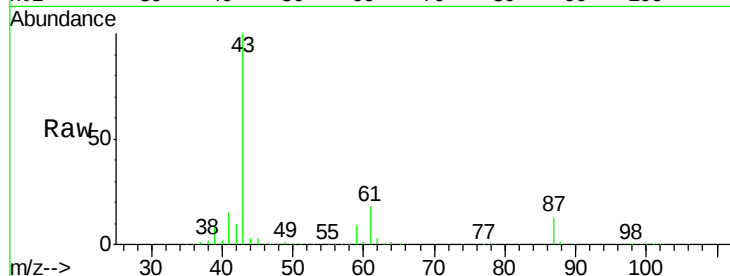
Tot Ion: 43 Resp: 495133

Ion Ratio Lower Upper

43 100

61 17.7 14.0 21.0

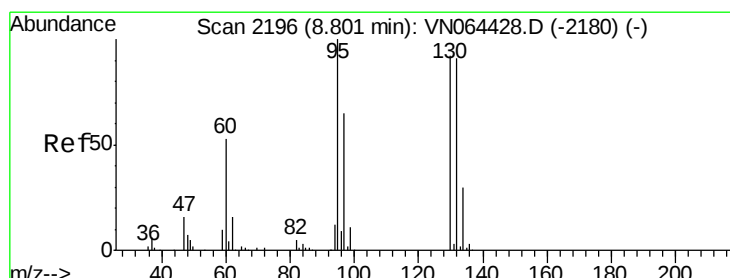
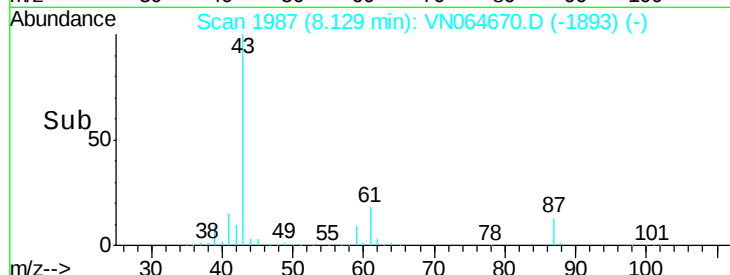
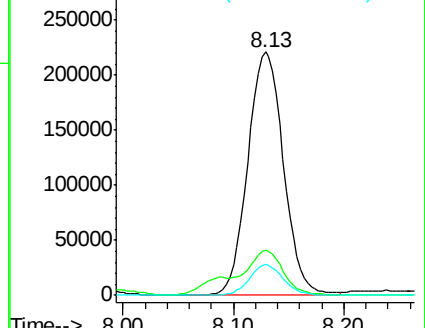
87 12.1 9.1 13.7



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: 46.467 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN064670.D

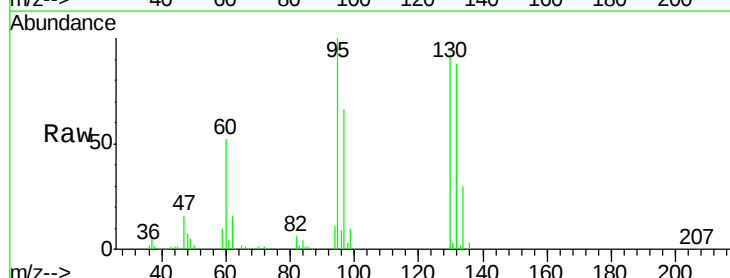
Acq: 16 Nov 2020 19:13

Tgt Ion:130 Resp: 221167

Ion Ratio Lower Upper

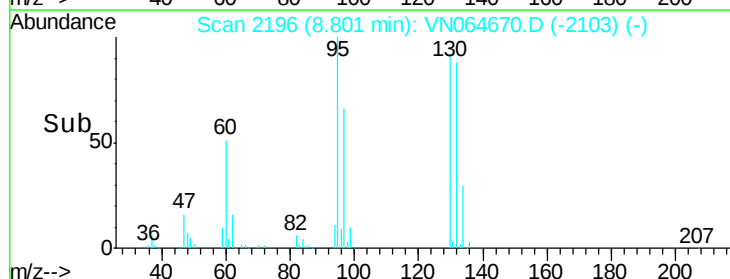
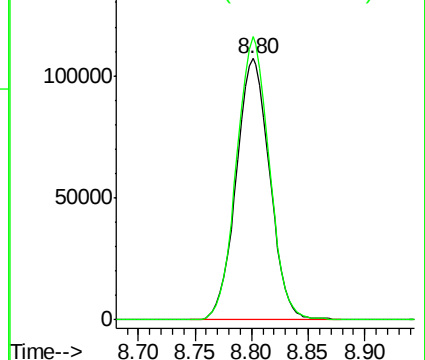
130 100

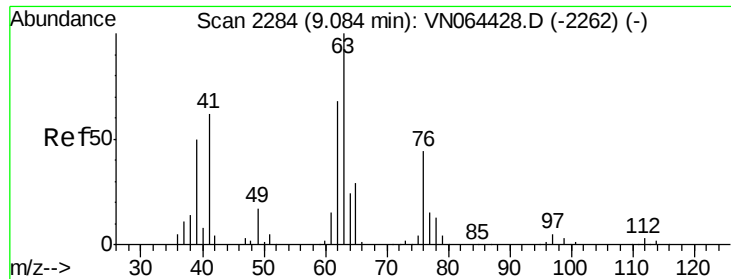
95 108.3 0.0 216.8



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

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

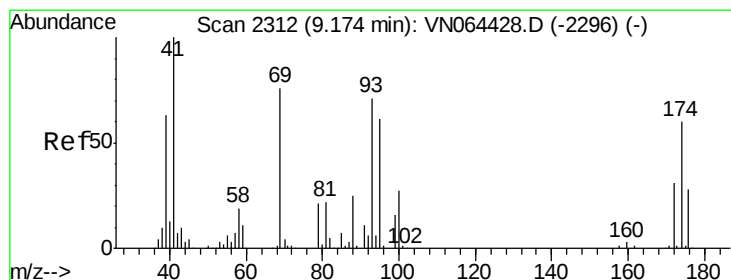
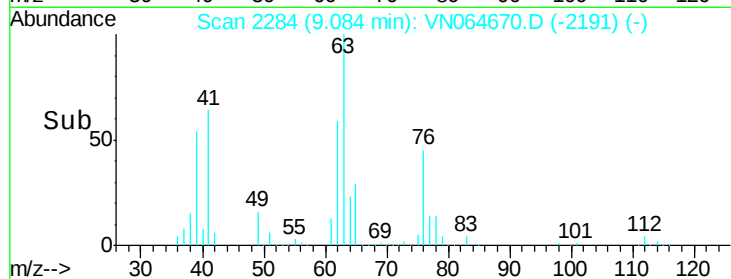
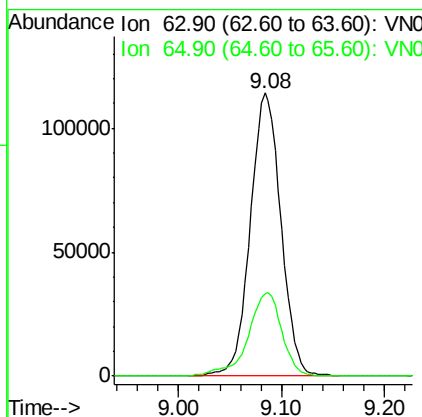
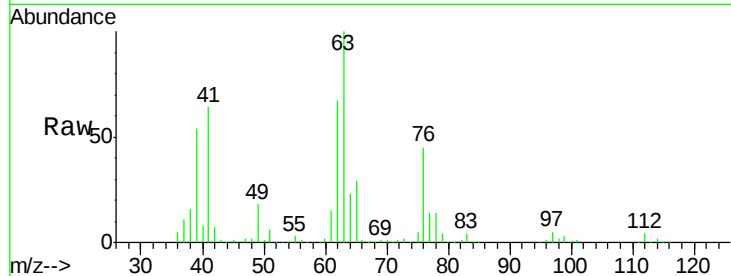




#45
 1,2-Dichloropropane
 Concen: 46.667 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN064670.D
 Acq: 16 Nov 2020 19:13

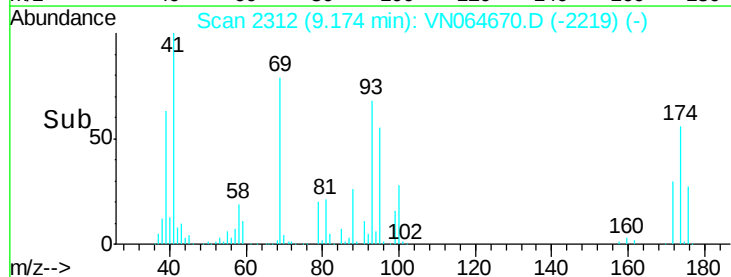
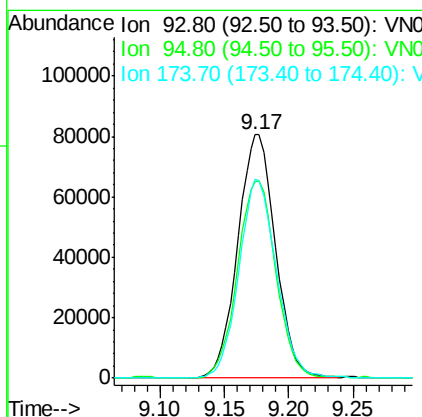
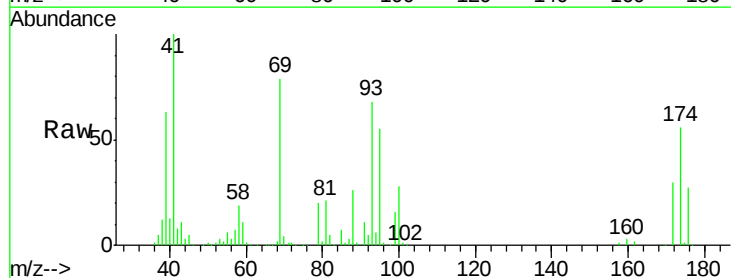
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

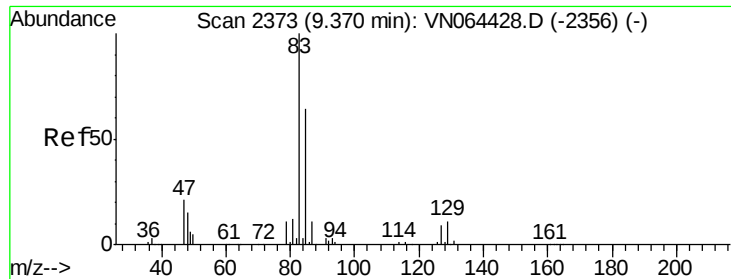
Tot Ion: 63 Resp: 234906
 Ion Ratio Lower Upper
 63 100
 65 29.3 23.6 35.4



#46
 Dibromomethane
 Concen: 49.572 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN064670.D
 Acq: 16 Nov 2020 19:13

Tgt Ion: 93 Resp: 164261
 Ion Ratio Lower Upper
 93 100
 95 82.6 66.4 99.6
 174 81.3 67.2 100.8





#47

Bromodichloromethane

Concen: 48.456 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN064670.D

Acq: 16 Nov 2020 19:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

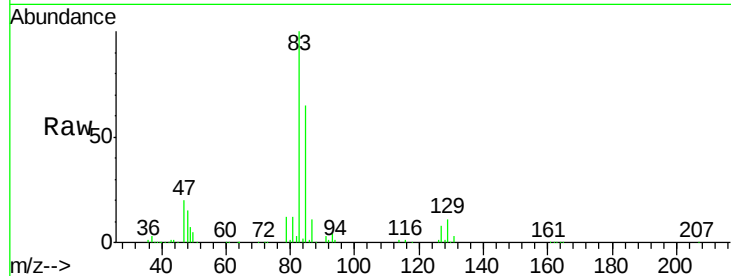
Tot Ion: 83 Resp: 345248

Ion Ratio Lower Upper

83 100

85 65.2 51.2 76.8

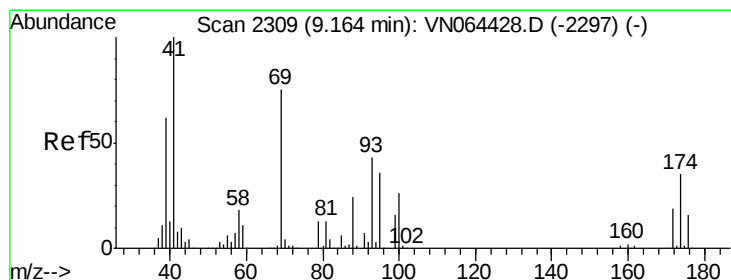
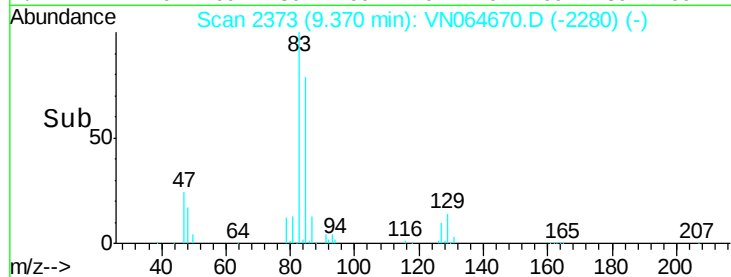
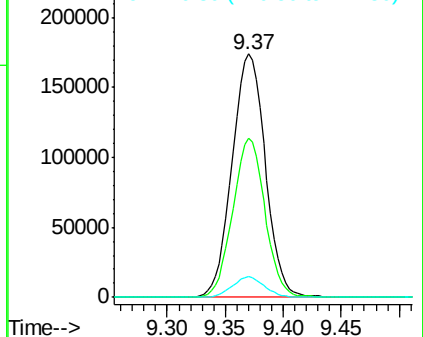
127 8.4 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VN064670.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN064670.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN064670.D (-2280) (-)



#48

Methyl methacrylate

Concen: 47.459 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN064670.D

Acq: 16 Nov 2020 19:13

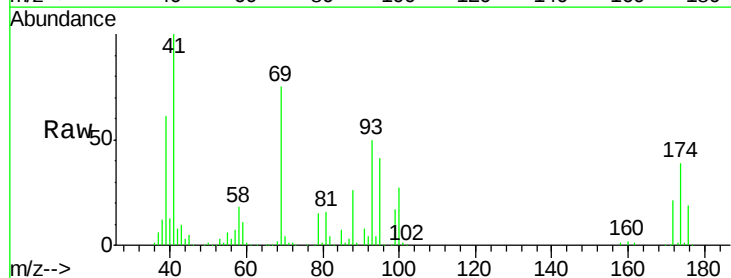
Tgt Ion: 41 Resp: 249157

Ion Ratio Lower Upper

41 100

69 78.7 60.4 90.6

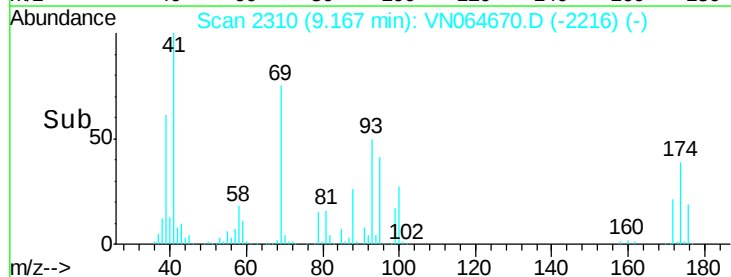
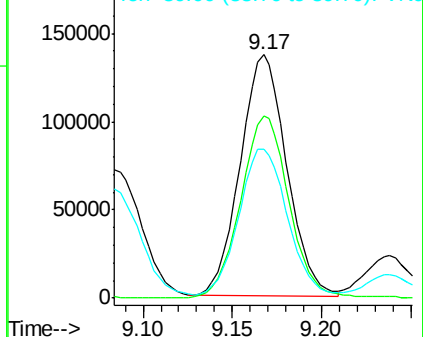
39 65.3 51.2 76.8

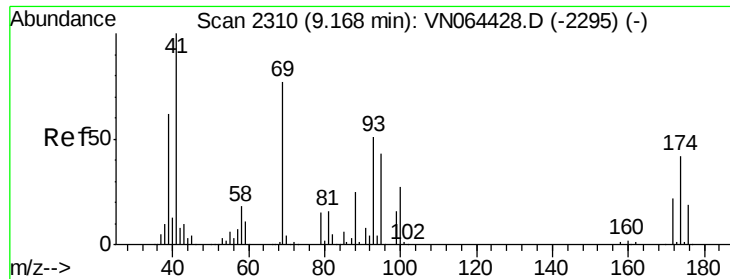


Abundance Ion 41.00 (40.70 to 41.70): VN064670.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN064670.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN064670.D (-2216) (-)





#49

1,4-Dioxane

Concen: 1019.258 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN064670.D

Acq: 16 Nov 2020 19:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

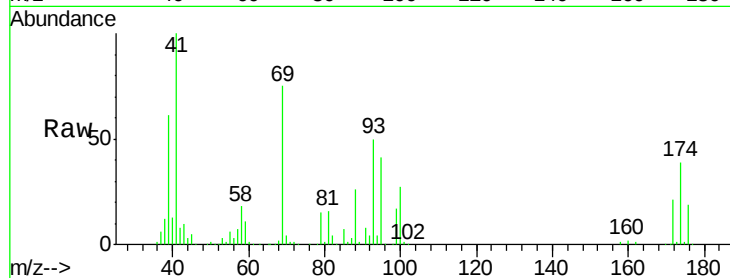
Tot Ion: 88 Resp: 70481

Ion Ratio Lower Upper

88 100

43 37.8 31.0 46.6

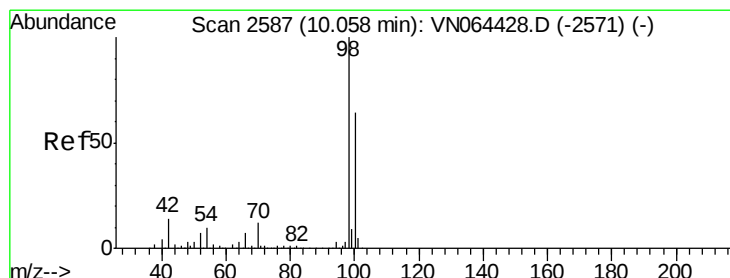
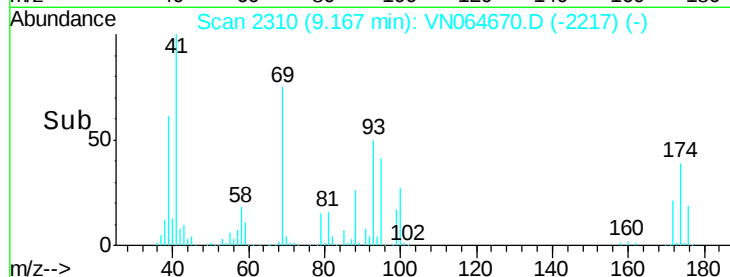
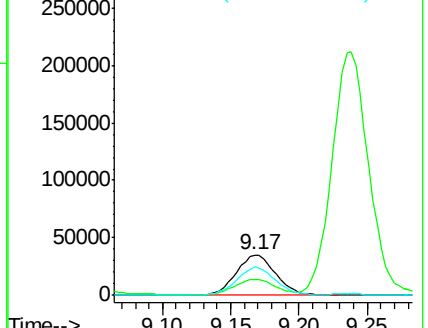
58 69.5 58.4 87.6



Abundance Ion 88.00 (87.70 to 88.70): VN064670.D (-2217) (-)

Ion 43.00 (42.70 to 43.70): VN064670.D (-2217) (-)

Ion 58.00 (57.70 to 58.70): VN064670.D (-2217) (-)



#50

Toluene-d8

Concen: 45.781 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN064670.D

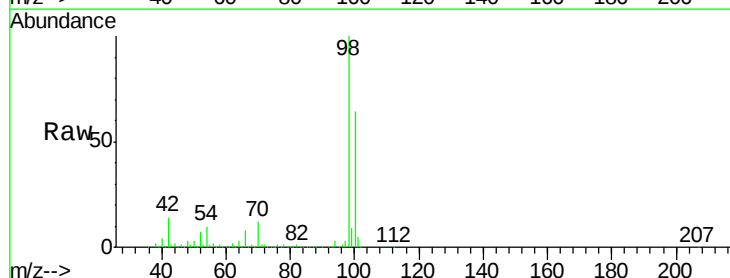
Acq: 16 Nov 2020 19:13

Tgt Ion: 98 Resp: 732132

Ion Ratio Lower Upper

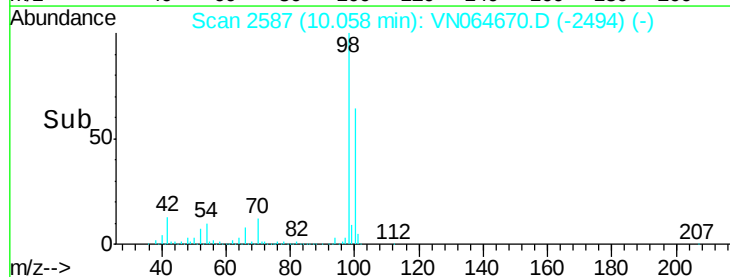
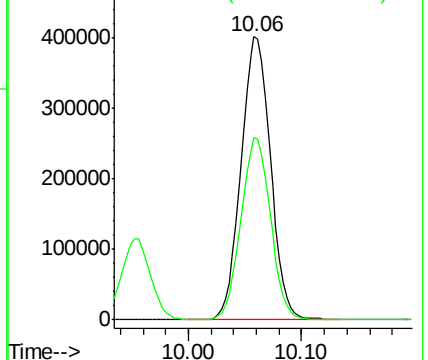
98 100

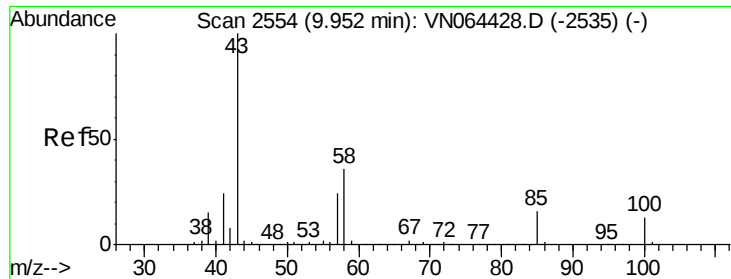
100 64.1 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN064670.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN064670.D (-2494) (-)





#51

4-Methyl-2-Pentanone

Concen: 252.913 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN064670.D

Acq: 16 Nov 2020 19:13

Instrument :

MSVOA_N

ClientSampleId :

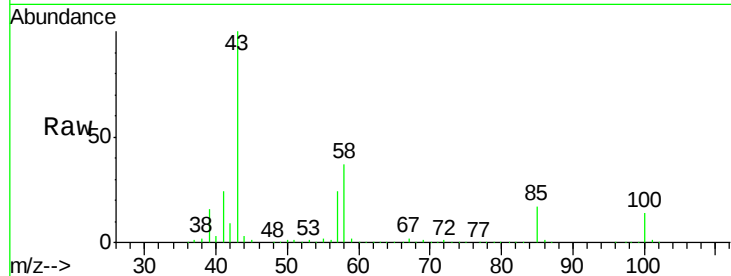
VSTDCCC050EC

Tot Ion: 43 Resp: 1534520

Ion Ratio Lower Upper

43 100

58 36.6 28.4 42.6



Abundance Ion 43.00 (42.70 to 43.70): VN064670.D (-2535) (-)

Ion 58.00 (57.70 to 58.70): VN064670.D (-2535) (-)

9.95

800000

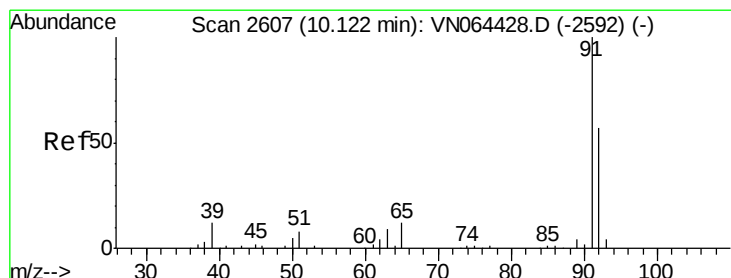
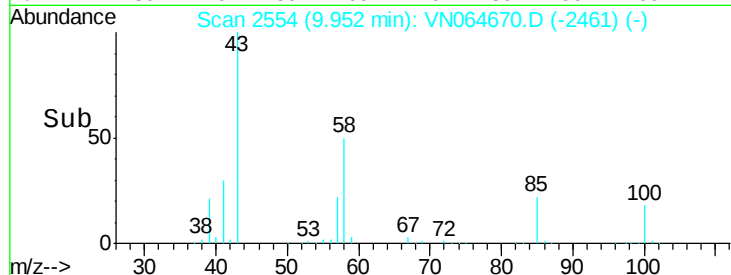
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 47.626 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN064670.D

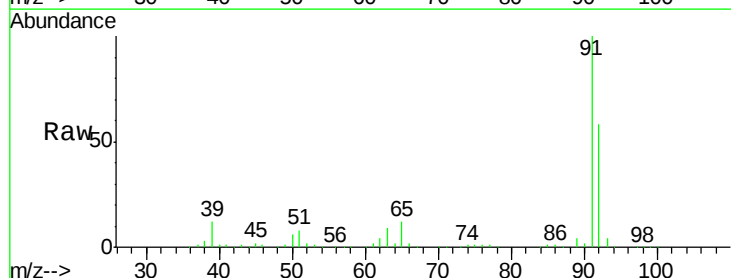
Acq: 16 Nov 2020 19:13

Tgt Ion: 92 Resp: 547988

Ion Ratio Lower Upper

92 100

91 174.1 139.6 209.4



Abundance Ion 92.00 (91.70 to 92.70): VN064670.D (-2514) (-)

Ion 91.00 (90.70 to 91.70): VN064670.D (-2514) (-)

10.13

600000

500000

400000

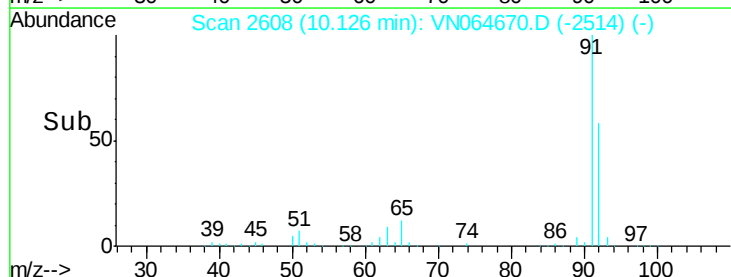
300000

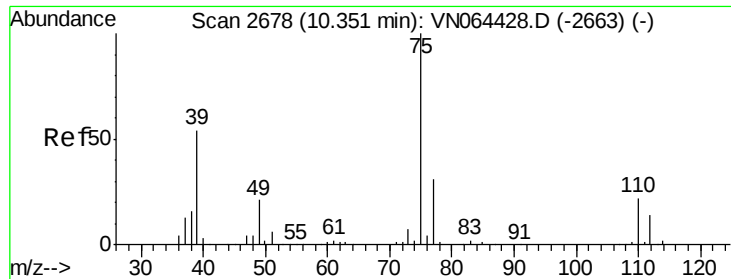
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 48.457 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN064670.D

Acq: 16 Nov 2020 19:13

Instrument :

MSVOA_N

ClientSampleId :

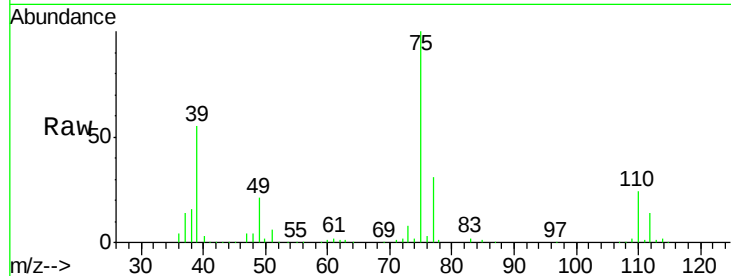
VSTDCCC050EC

Tot Ion: 75 Resp: 366025

Ion Ratio Lower Upper

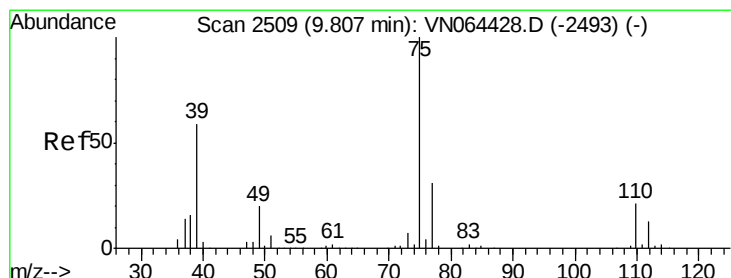
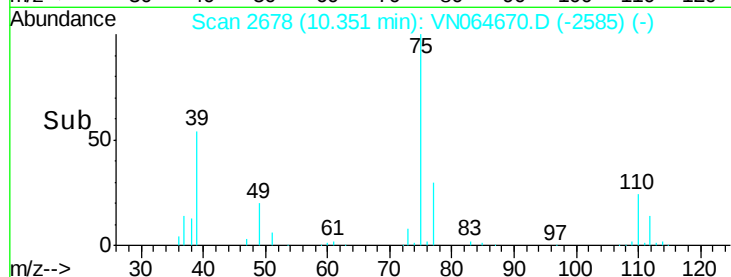
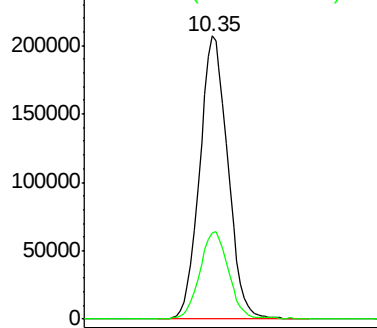
75 100

77 30.4 24.8 37.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 47.507 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN064670.D

Acq: 16 Nov 2020 19:13

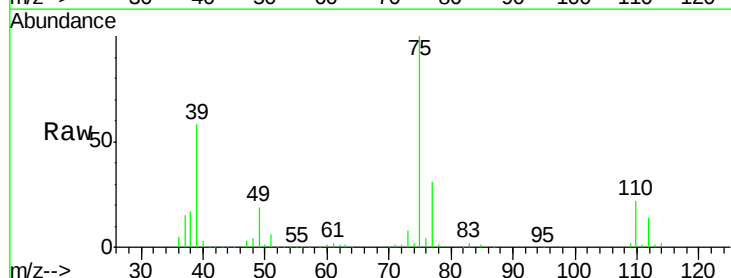
Tgt Ion: 75 Resp: 383679

Ion Ratio Lower Upper

75 100

77 30.6 24.9 37.3

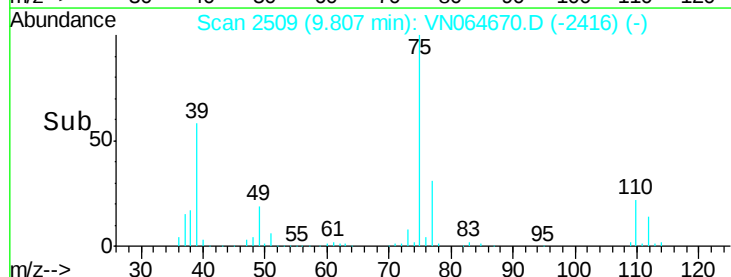
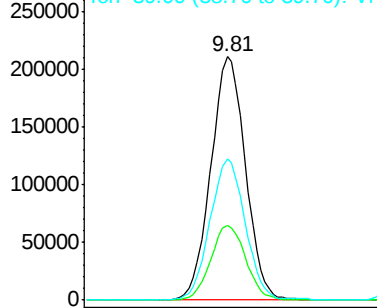
39 57.8 47.1 70.7

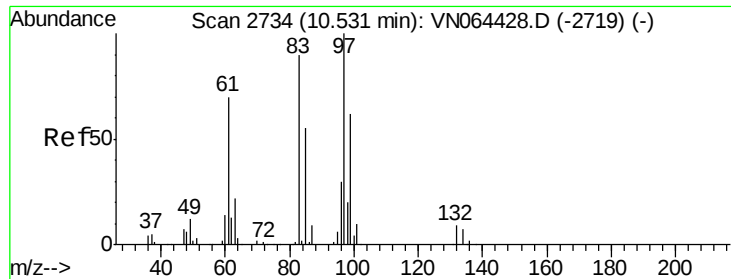


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

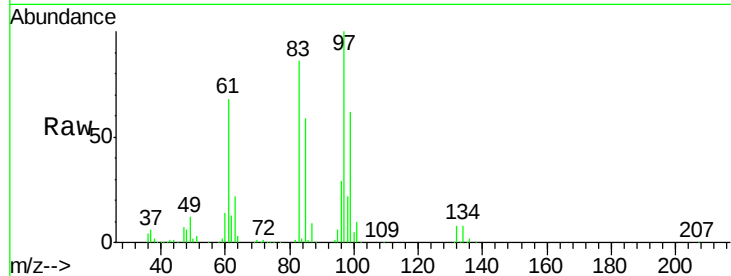




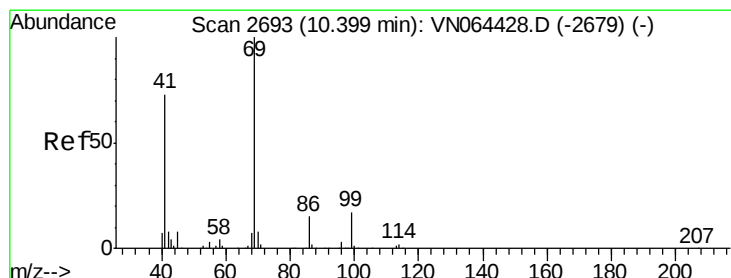
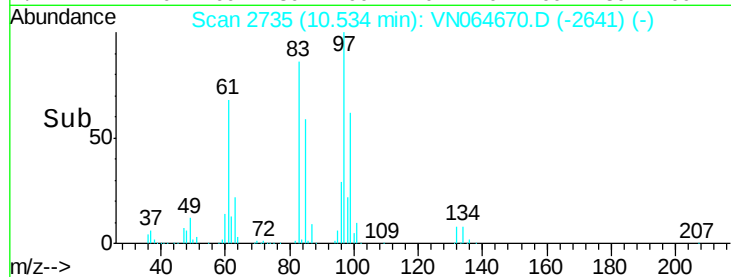
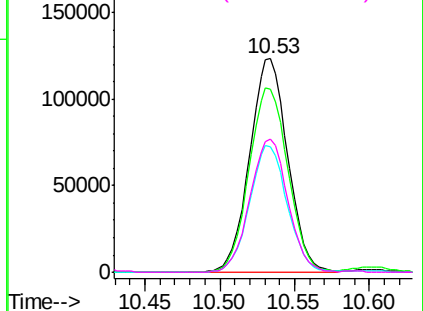
#55
 1,1,2-Trichloroethane
 Concen: 48.644 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN064670.D
 Acq: 16 Nov 2020 19:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 97 Resp: 218282
 Ion Ratio Lower Upper
 97 100
 83 85.7 71.7 107.5
 85 59.0 44.3 66.5
 99 62.4 49.4 74.2

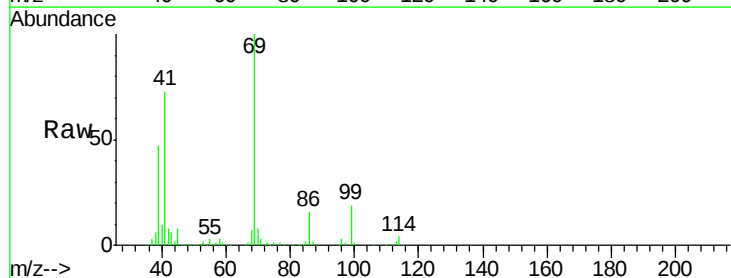


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

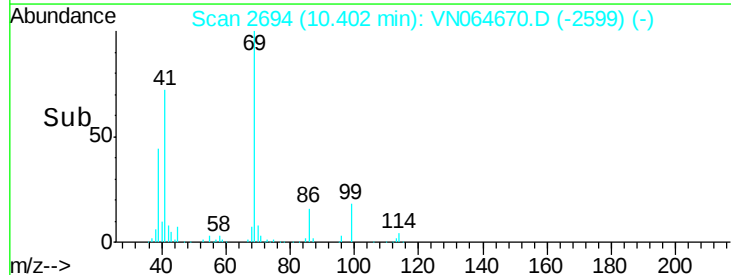
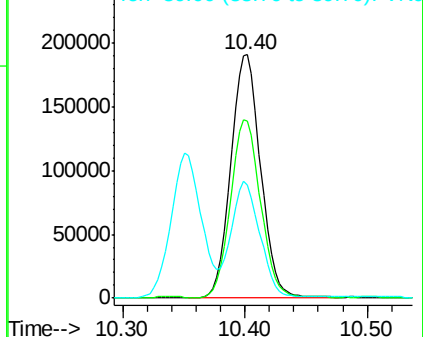


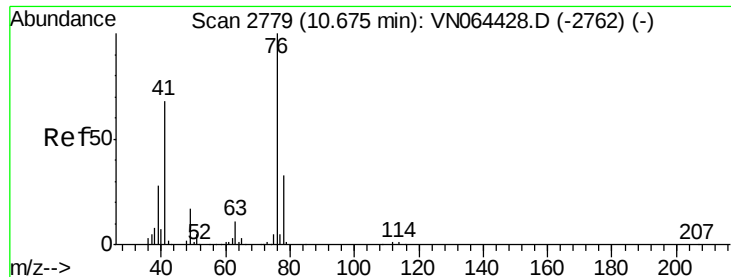
#56
 Ethyl methacrylate
 Concen: 44.325 ug/l
 RT: 10.40 min Scan# 2694
 Delta R.T. 0.00 min
 Lab File: VN064670.D
 Acq: 16 Nov 2020 19:13

Tgt Ion: 69 Resp: 325652
 Ion Ratio Lower Upper
 69 100
 41 73.1 59.3 88.9
 39 46.3 35.4 53.0



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

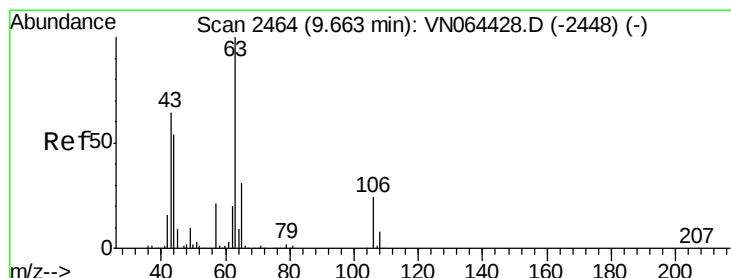
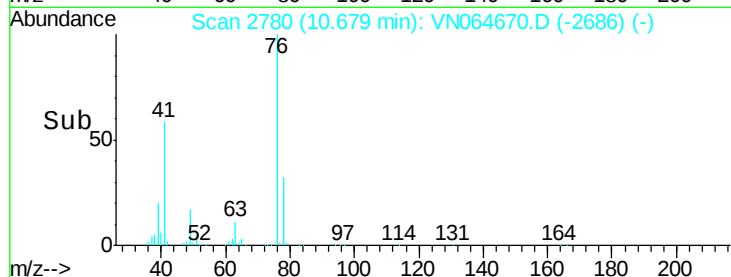
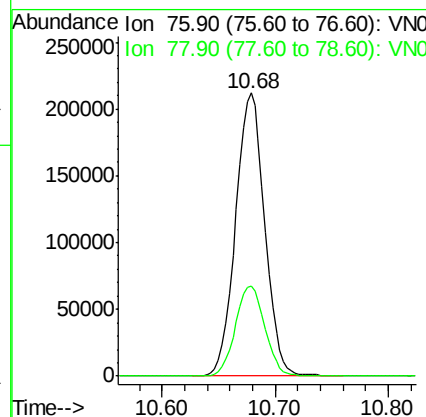
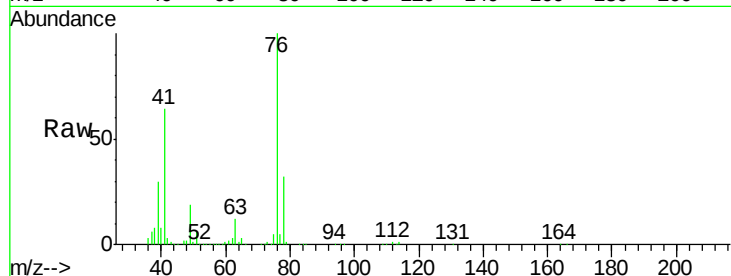




#57
 1,3-Dichloropropane
 Concen: 48.518 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: VN064670.D
 Acq: 16 Nov 2020 19:13

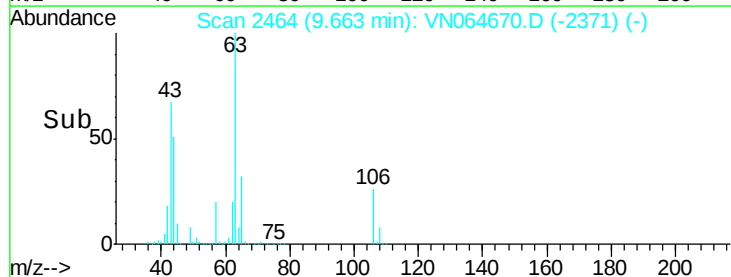
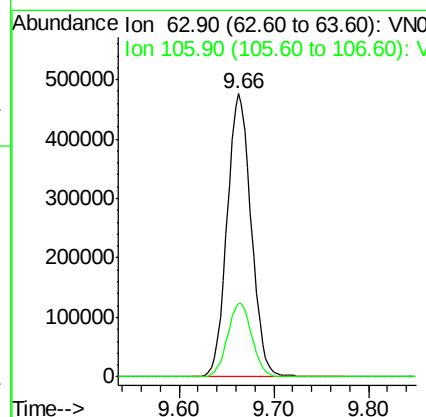
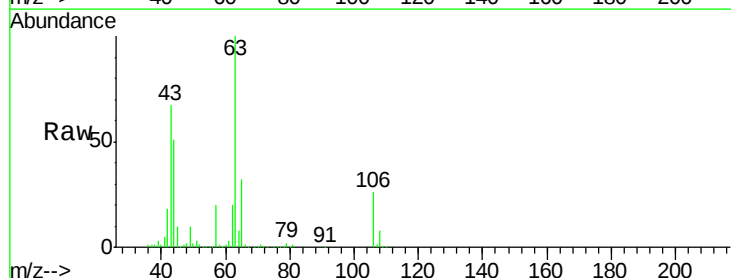
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

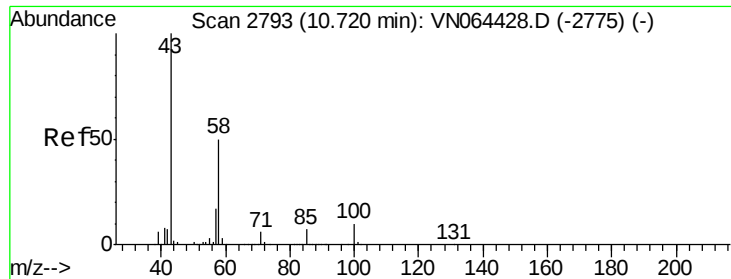
Tot Ion: 76 Resp: 380018
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 242.005 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN064670.D
 Acq: 16 Nov 2020 19:13

Tgt Ion: 63 Resp: 841631
 Ion Ratio Lower Upper
 63 100
 106 26.4 19.5 29.3

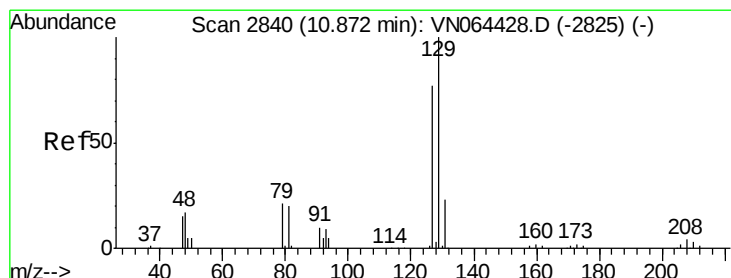
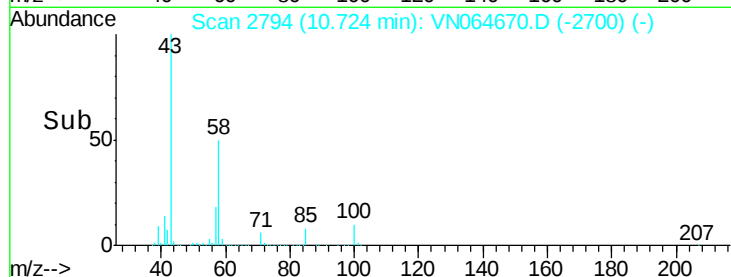
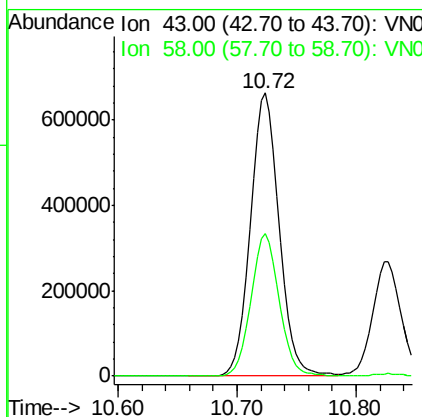
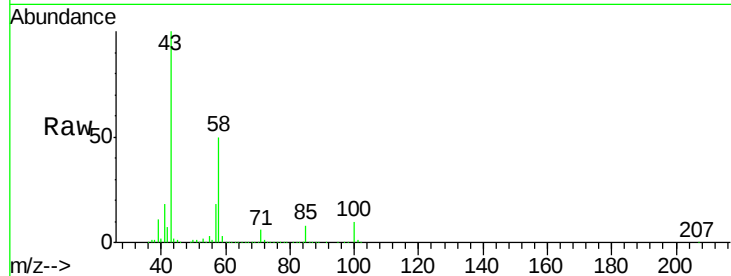




#59
2-Hexanone
Concen: 223.298 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064670.D
Acq: 16 Nov 2020 19:13

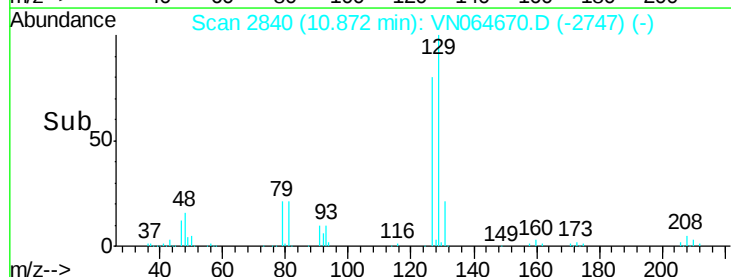
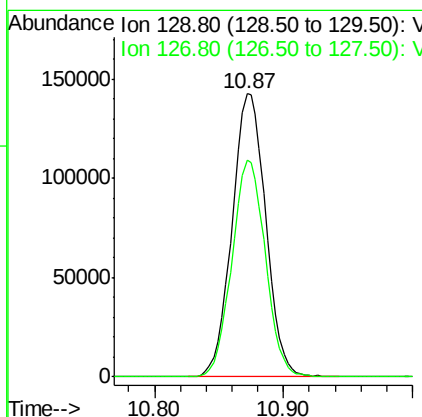
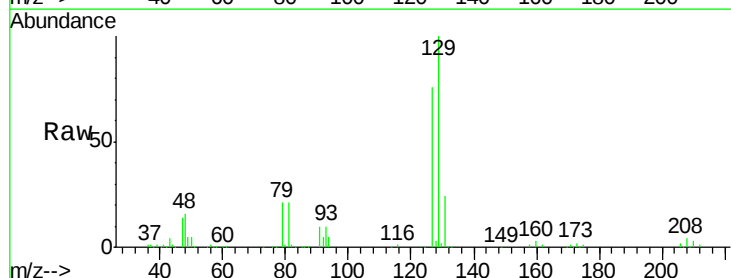
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

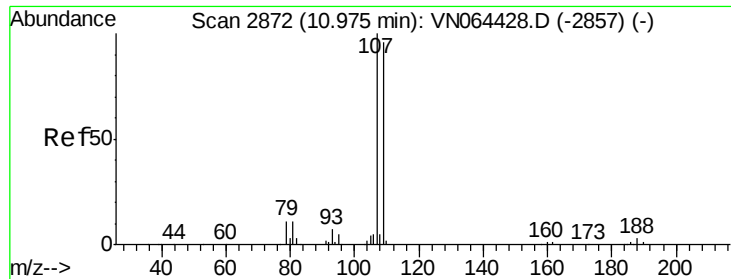
Tot Ion: 43 Resp: 1102626
Ion Ratio Lower Upper
43 100
58 49.9 24.7 74.1



#60
Dibromochloromethane
Concen: 51.538 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064670.D
Acq: 16 Nov 2020 19:13

Tgt Ion: 129 Resp: 258930
Ion Ratio Lower Upper
129 100
127 76.0 38.9 116.7

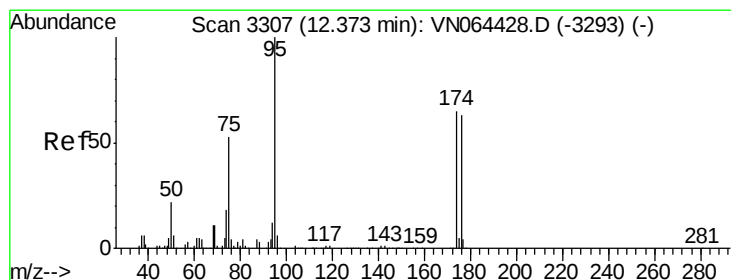
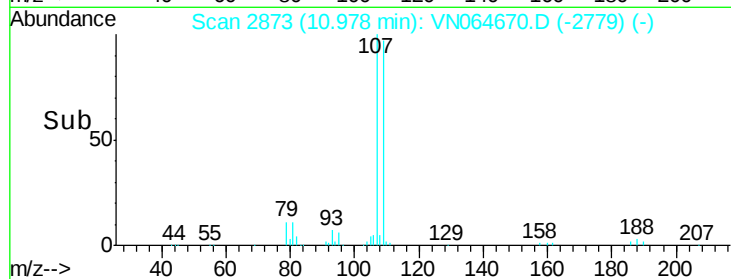
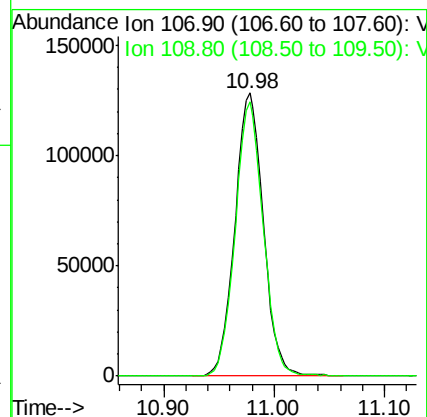
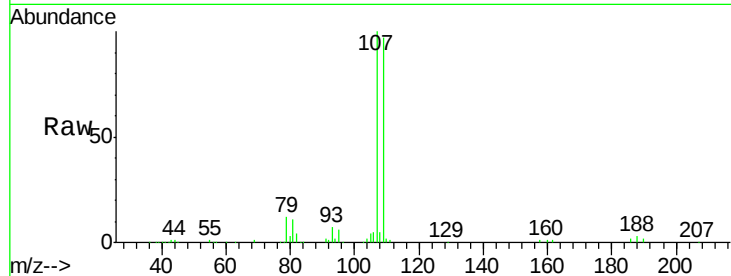




#61
 1,2-Dibromoethane
 Concen: 50.471 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN064670.D
 Acq: 16 Nov 2020 19:13

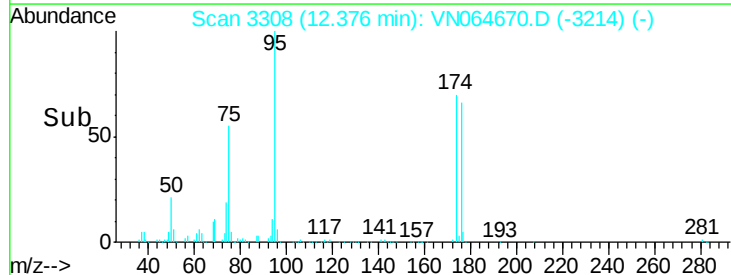
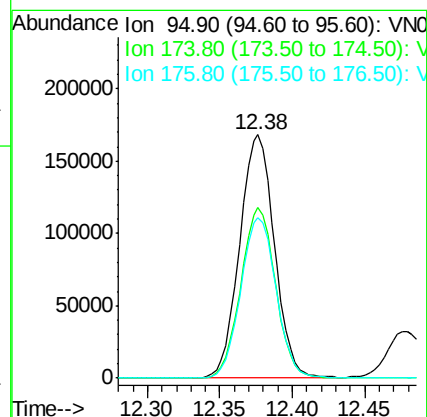
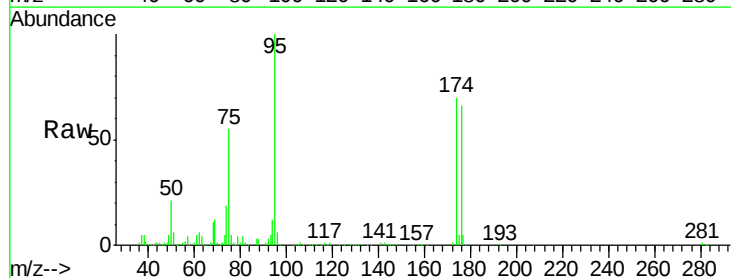
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

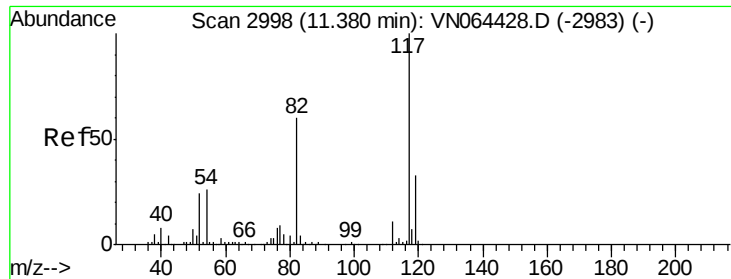
Tot Ion:107 Resp: 229722
 Ion Ratio Lower Upper
 107 100
 109 95.5 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 46.217 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN064670.D
 Acq: 16 Nov 2020 19:13

Tgt Ion: 95 Resp: 279519
 Ion Ratio Lower Upper
 95 100
 174 70.1 0.0 132.6
 176 67.5 0.0 129.2

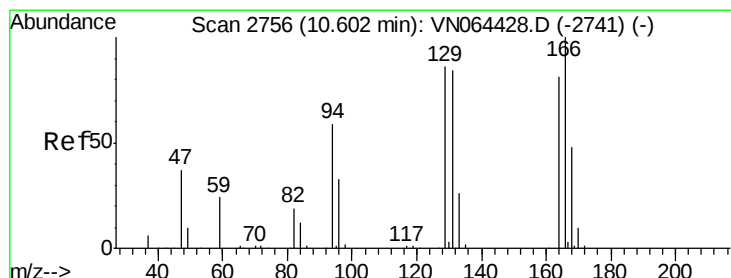
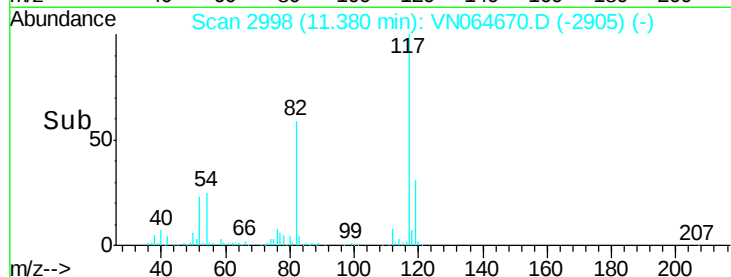
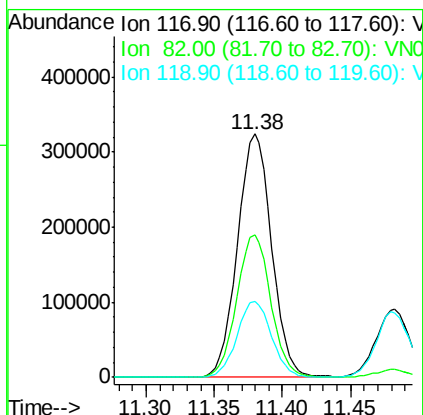
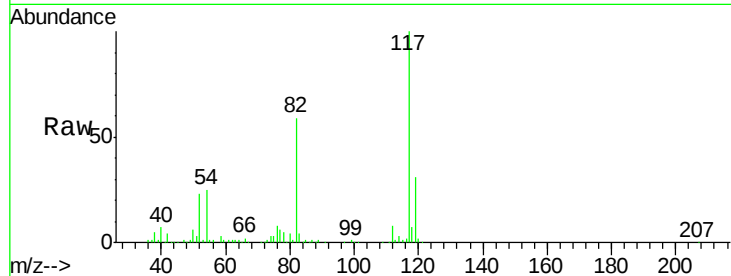




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064670.D
Acq: 16 Nov 2020 19:13

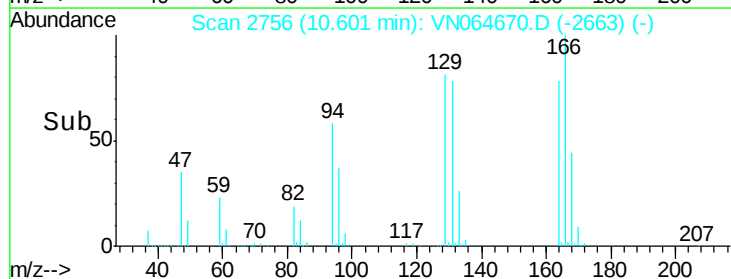
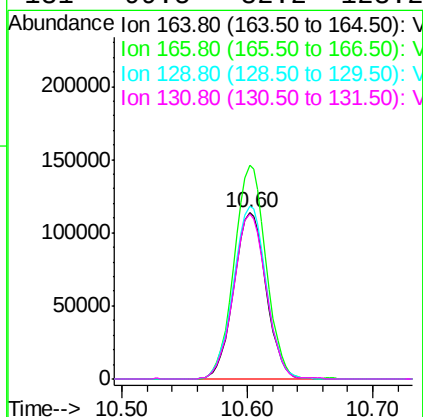
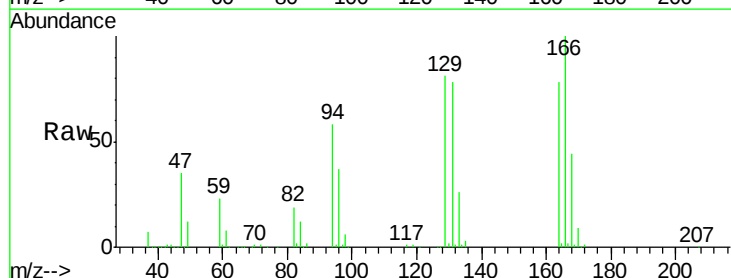
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

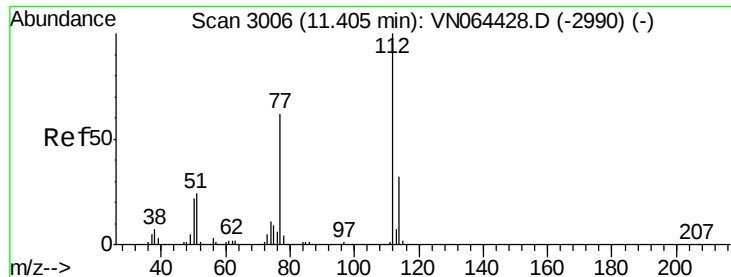
Tot Ion:117 Resp: 563472
Ion Ratio Lower Upper
117 100
82 58.8 48.1 72.1
119 31.1 26.2 39.4



#64
Tetrachloroethene
Concen: 46.920 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN064670.D
Acq: 16 Nov 2020 19:13

Tgt Ion:164 Resp: 203653
Ion Ratio Lower Upper
164 100
166 128.5 98.2 147.2
129 104.2 84.6 127.0
131 99.5 82.2 123.2

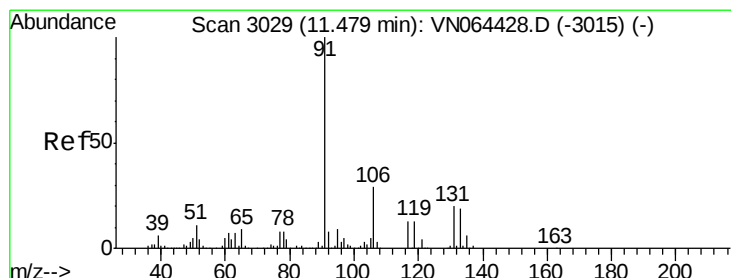
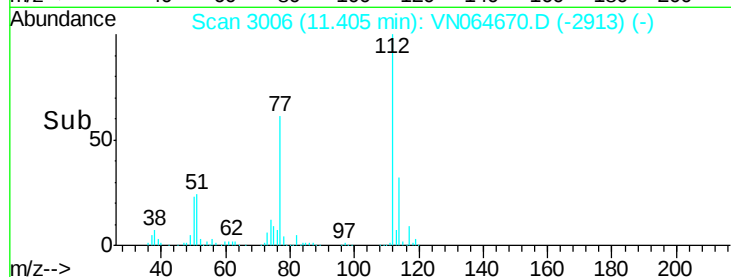
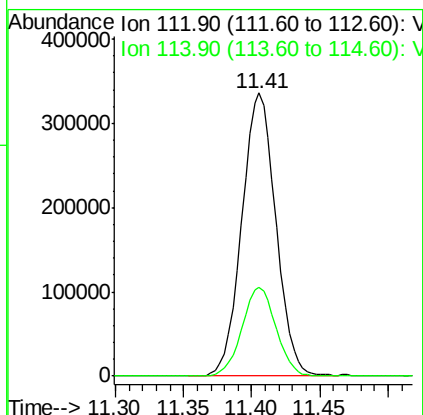
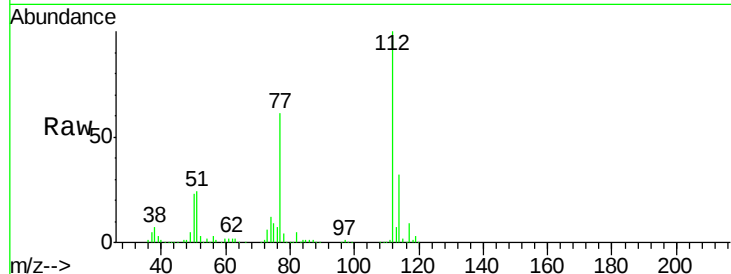




#65
Chlorobenzene
Concen: 47.126 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN064670.D
Acq: 16 Nov 2020 19:13

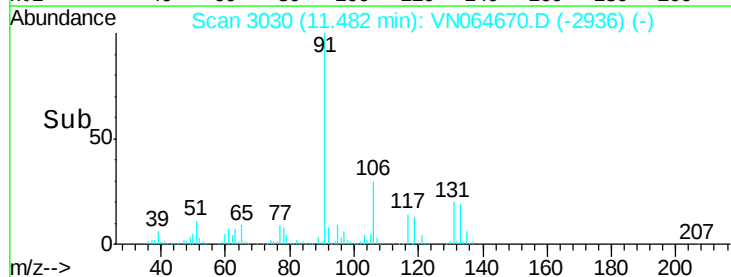
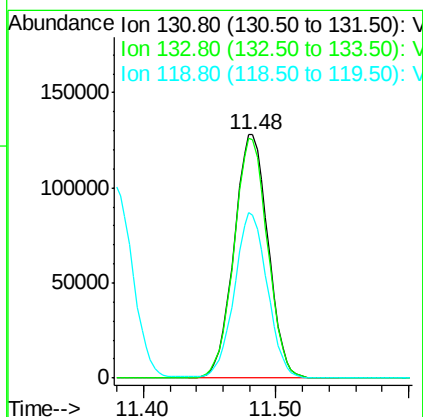
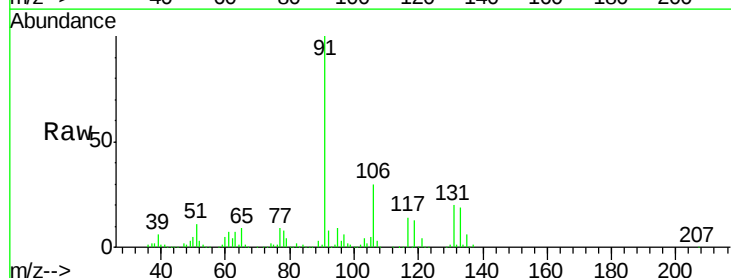
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

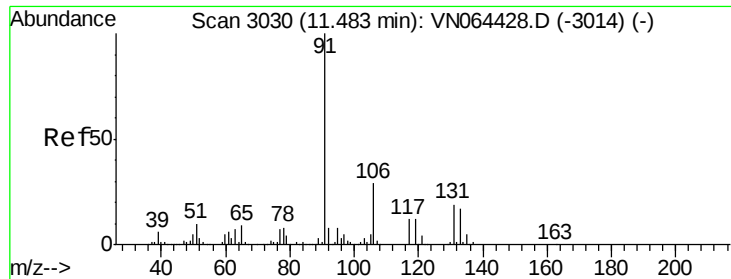
Tot Ion:112 Resp: 582120
Ion Ratio Lower Upper
112 100
114 31.5 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 49.422 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064670.D
Acq: 16 Nov 2020 19:13

Tgt Ion:131 Resp: 227751
Ion Ratio Lower Upper
131 100
133 97.2 46.9 140.7
119 65.6 32.1 96.5

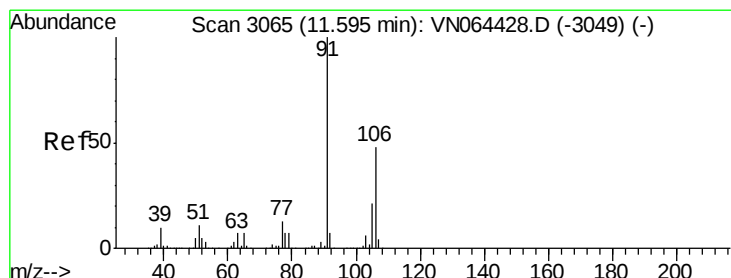
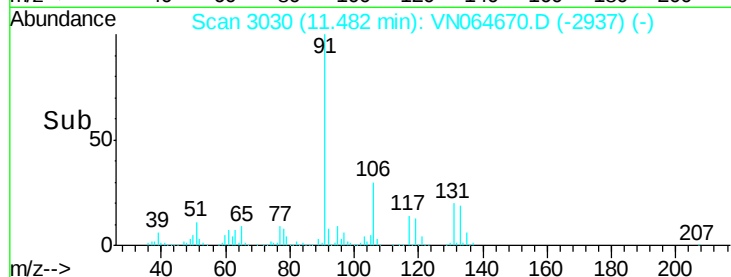
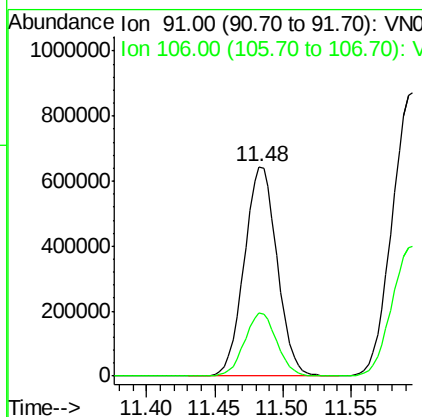
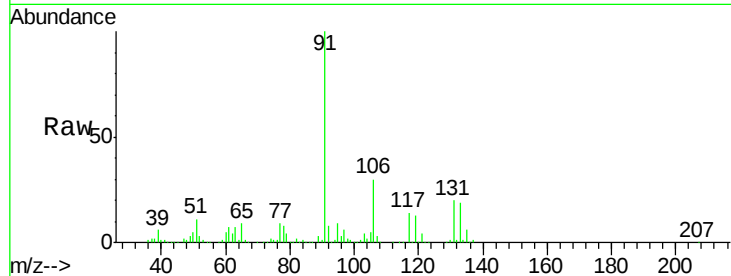




#67
Ethyl Benzene
Concen: 48.994 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN064670.D
Acq: 16 Nov 2020 19:13

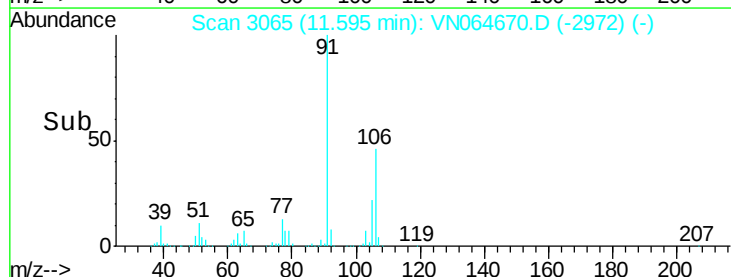
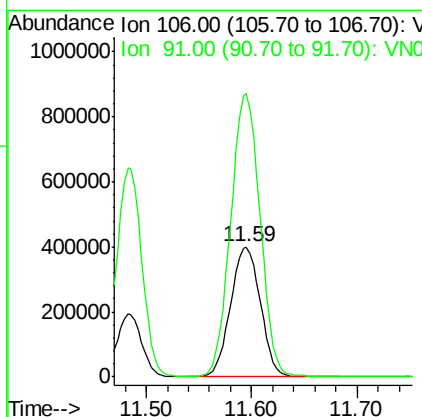
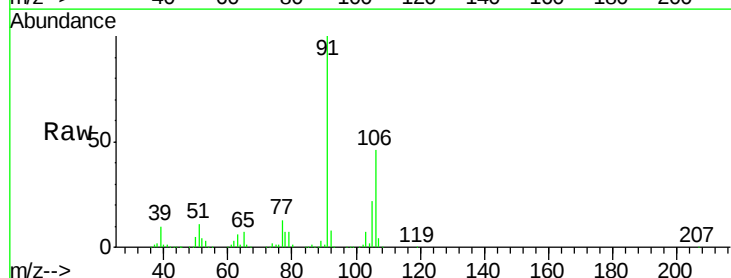
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

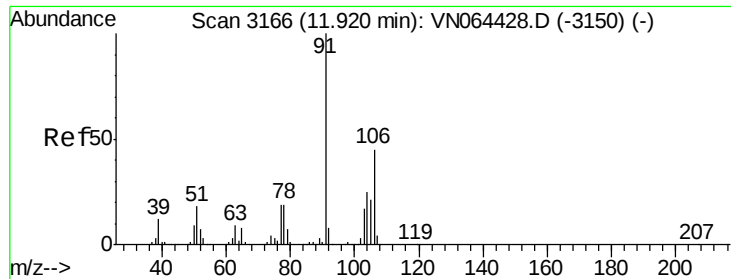
Tot Ion: 91 Resp: 1076489
Ion Ratio Lower Upper
91 100
106 30.1 23.6 35.4



#68
m/p-Xylenes
Concen: 98.104 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN064670.D
Acq: 16 Nov 2020 19:13

Tgt Ion: 106 Resp: 781727
Ion Ratio Lower Upper
106 100
91 215.3 169.4 254.2

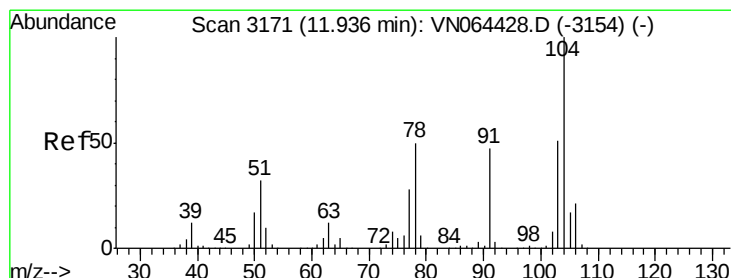
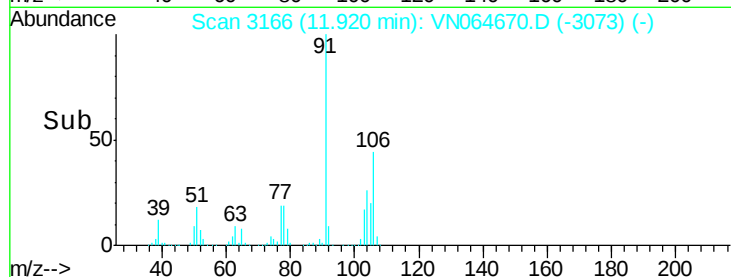
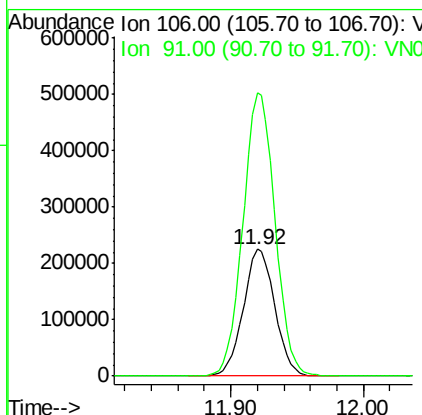
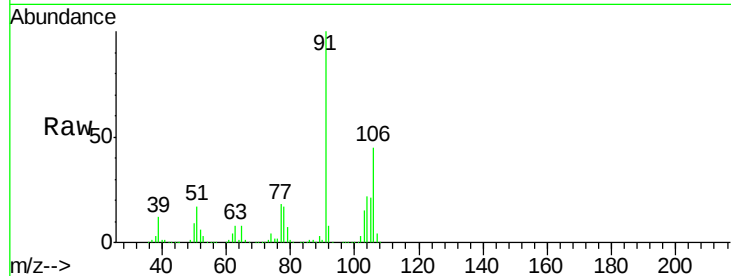




#69
o-Xylene
Concen: 48.169 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN064670.D
Acq: 16 Nov 2020 19:13

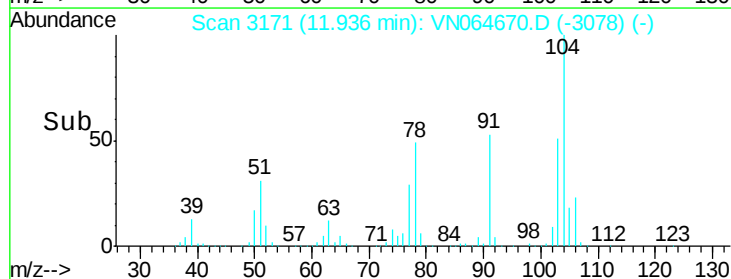
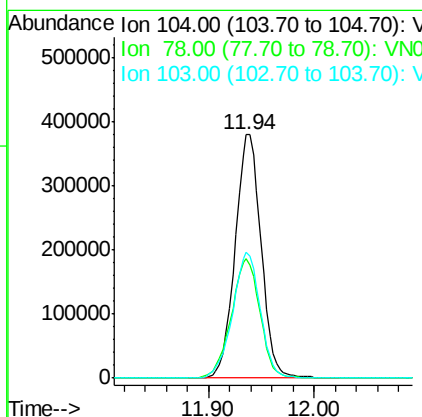
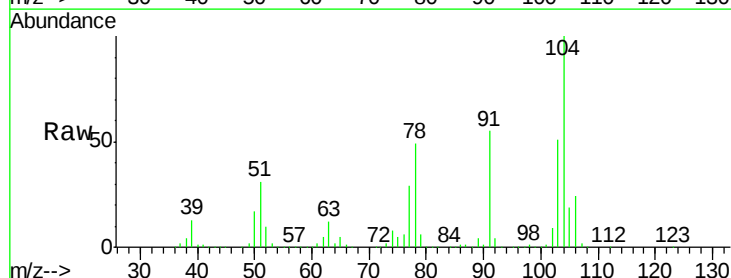
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

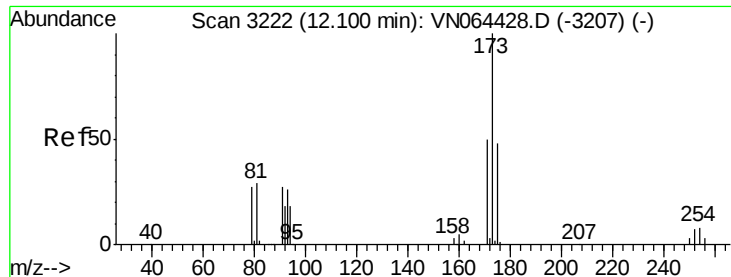
Tot Ion:106 Resp: 370902
Ion Ratio Lower Upper
106 100
91 227.1 111.7 334.9



#70
Styrene
Concen: 50.121 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064670.D
Acq: 16 Nov 2020 19:13

Tgt Ion:104 Resp: 649411
Ion Ratio Lower Upper
104 100
78 54.1 44.0 66.0
103 54.9 43.8 65.6





#71

Bromoform

Concen: 48.899 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064670.D

Acq: 16 Nov 2020 19:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

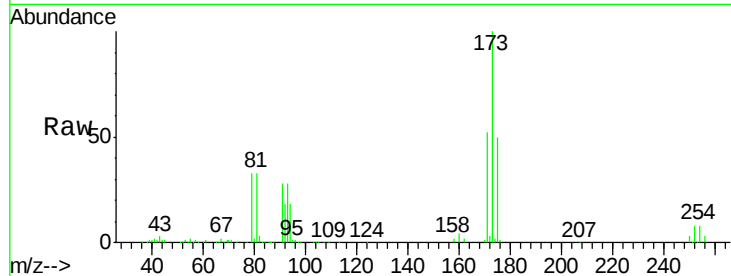
Tot Ion:173 Resp: 169101

Ion Ratio Lower Upper

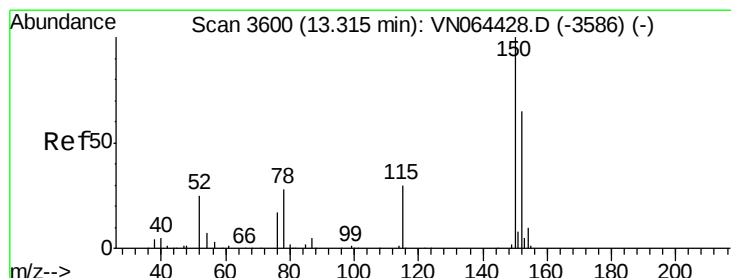
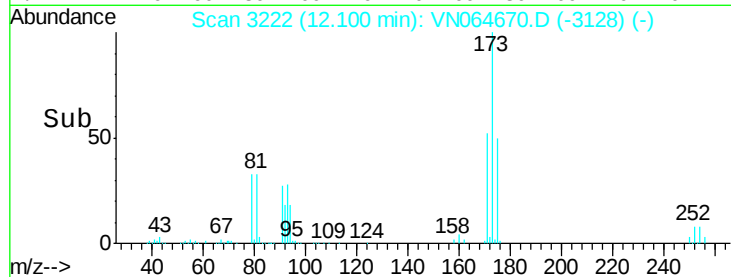
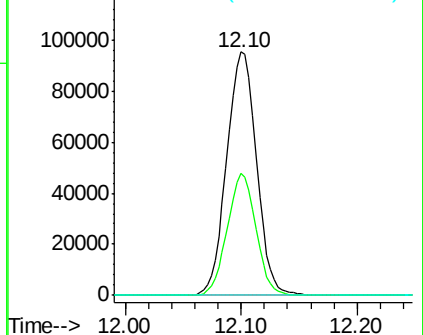
173 100

175 48.2 23.7 71.1

254 0.1 0.0 0.0#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064670.D

Acq: 16 Nov 2020 19:13

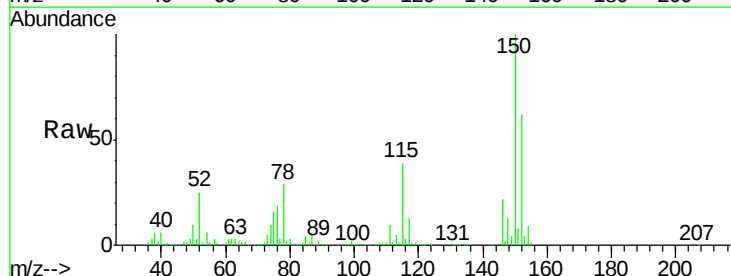
Tgt Ion:152 Resp: 264077

Ion Ratio Lower Upper

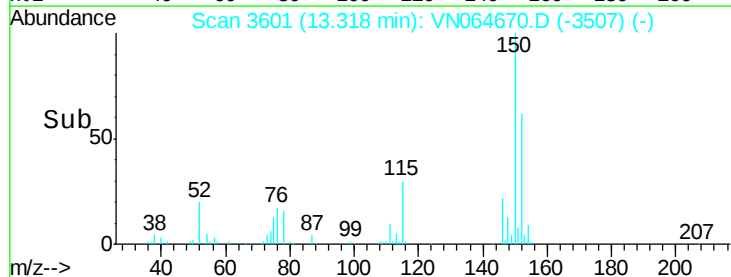
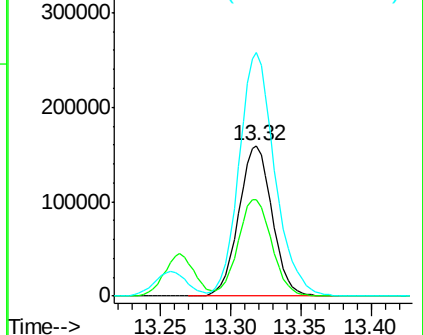
152 100

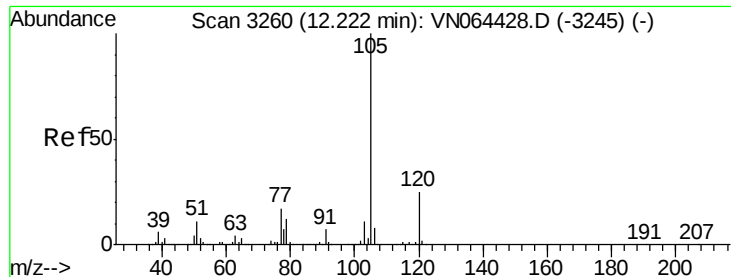
115 64.5 32.0 96.0

150 172.4 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

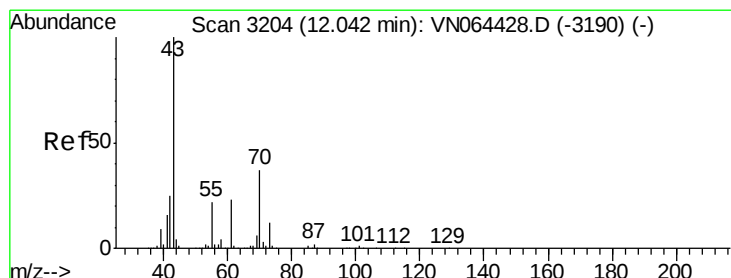
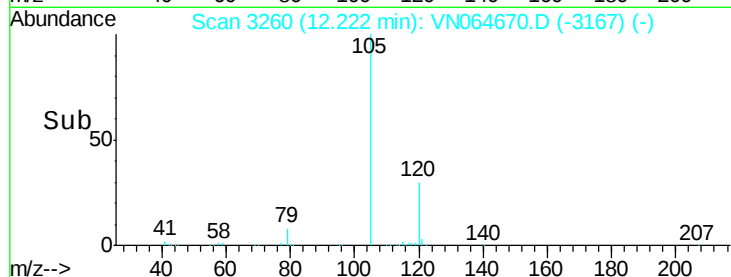
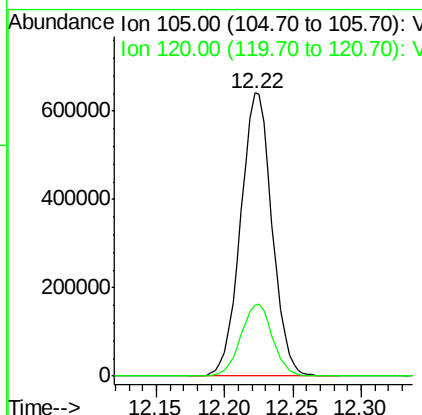
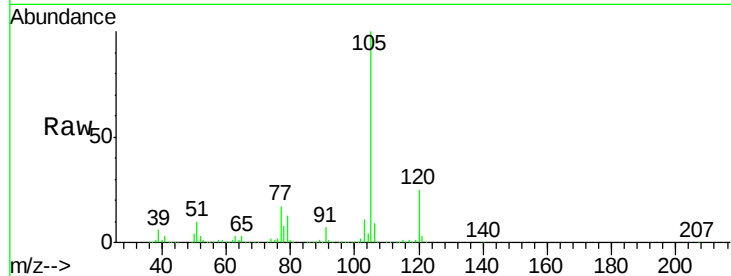




#73
Isopropylbenzene
Concen: 48.823 ug/l
RT: 12.22 min Scan# 3260
Delta R.T. -0.00 min
Lab File: VN064670.D
Acq: 16 Nov 2020 19:13

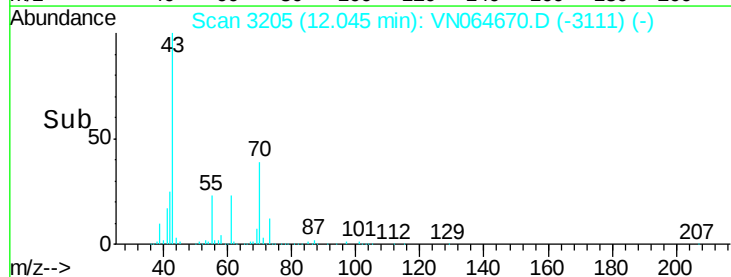
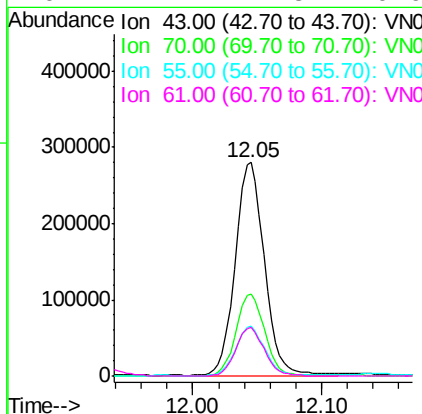
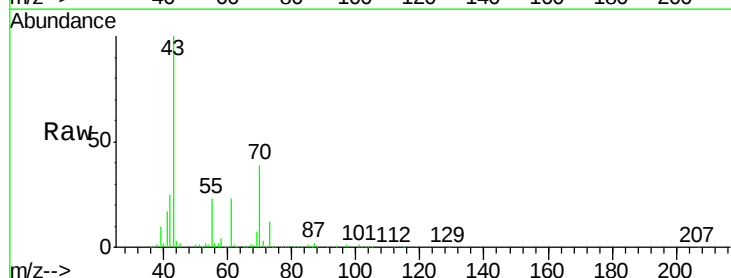
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

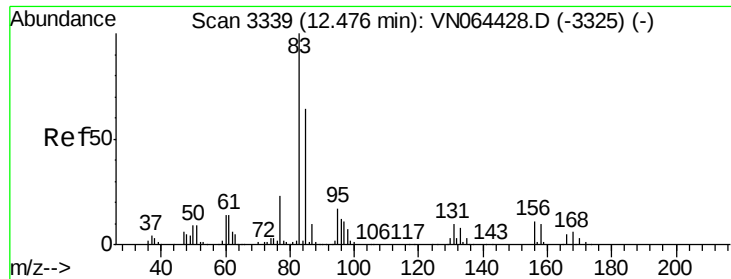
Tot Ion:105 Resp: 1024774
Ion Ratio Lower Upper
105 100
120 25.5 12.8 38.3



#74
N-ethyl acetate
Concen: 43.329 ug/l
RT: 12.05 min Scan# 3205
Delta R.T. 0.00 min
Lab File: VN064670.D
Acq: 16 Nov 2020 19:13

Tgt Ion: 43 Resp: 439394
Ion Ratio Lower Upper
43 100
70 38.3 29.6 44.4
55 23.2 18.4 27.6
61 22.1 17.8 26.6





#75

1,1,2,2-Tetrachloroethane

Concen: 48.016 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064670.D

Acq: 16 Nov 2020 19:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

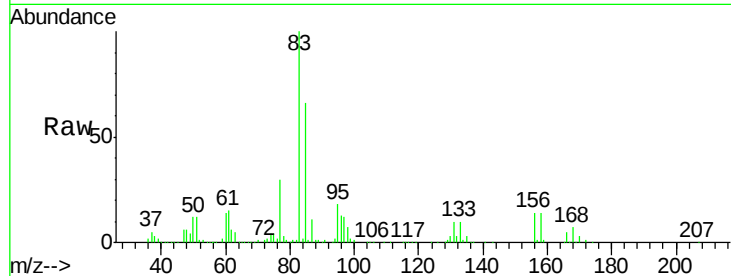
Tot Ion: 83 Resp: 309560

Ion Ratio Lower Upper

83 100

131 10.0 4.9 14.7

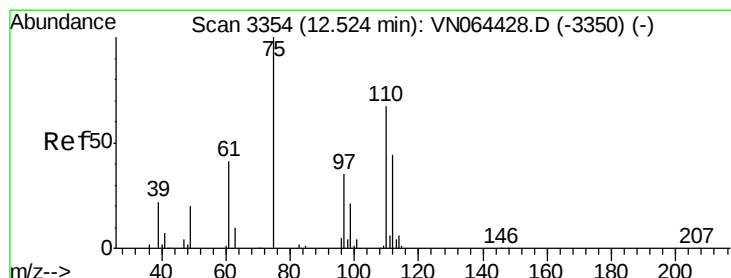
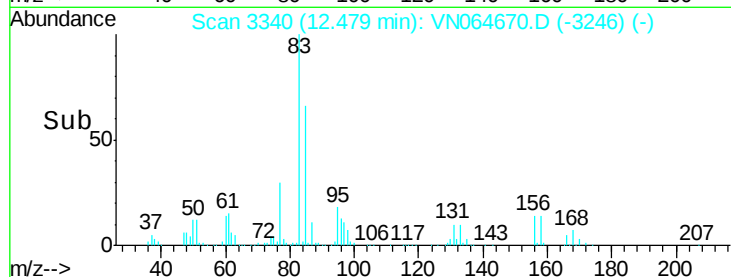
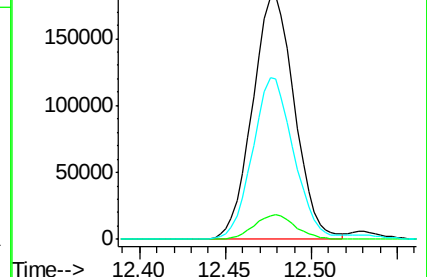
85 64.6 32.1 96.5



Abundance Ion 82.90 (82.60 to 83.60): VN064670.D (-3340) (-)

Ion 130.80 (130.50 to 131.50): VN064670.D (-3340) (-)

Ion 84.90 (84.60 to 85.60): VN064670.D (-3340) (-)



#76

1,2,3-Trichloropropane

Concen: 67.731 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064670.D

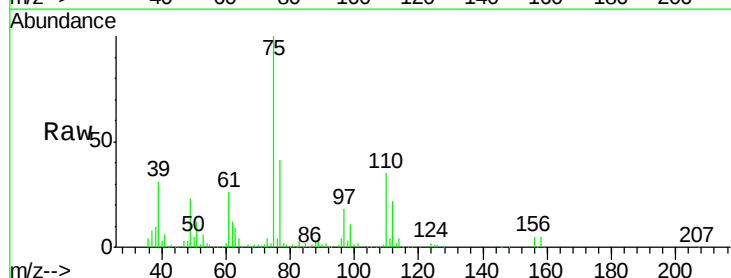
Acq: 16 Nov 2020 19:13

Tgt Ion: 75 Resp: 433369

Ion Ratio Lower Upper

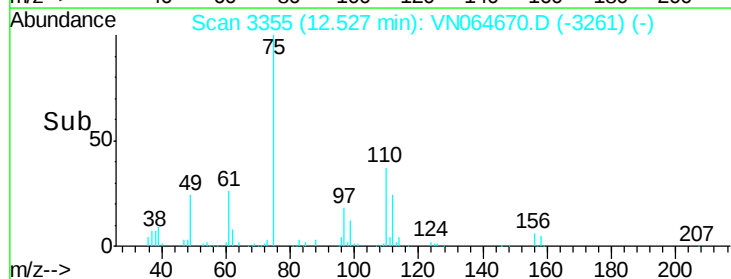
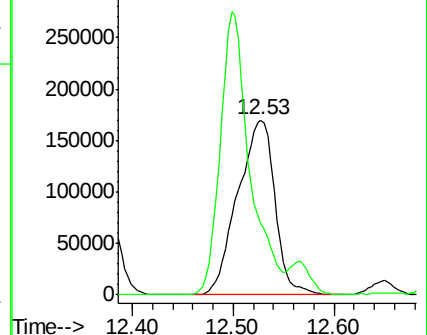
75 100

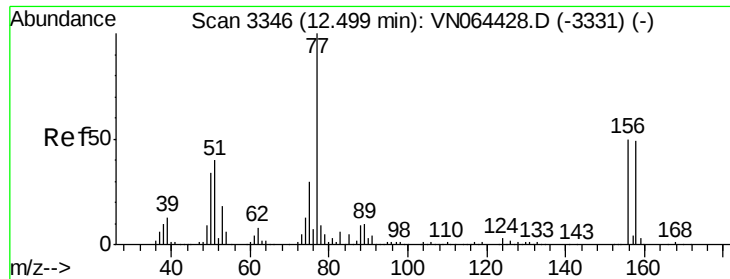
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN064670.D (-3355) (-)

Ion 77.00 (76.70 to 77.70): VN064670.D (-3355) (-)





#77

Bromobenzene

Concen: 46.547 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN064670.D

Acq: 16 Nov 2020 19:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

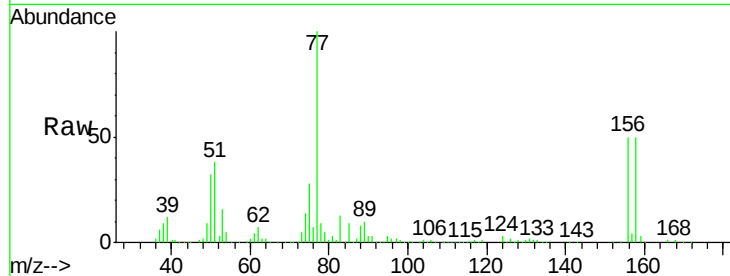
Tot Ion:156 Resp: 238529

Ion Ratio Lower Upper

156 100

77 234.6 119.0 357.0

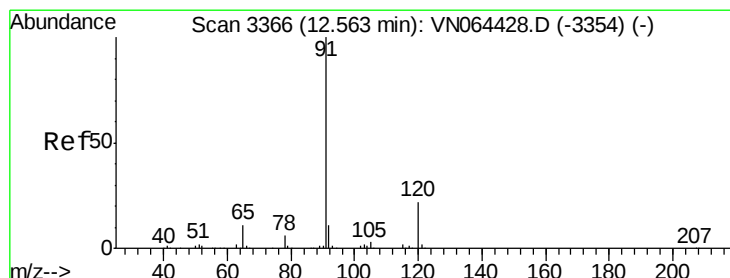
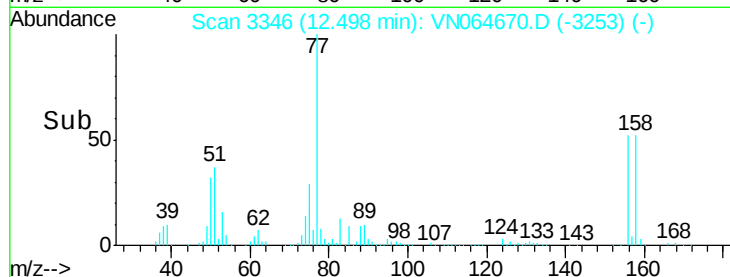
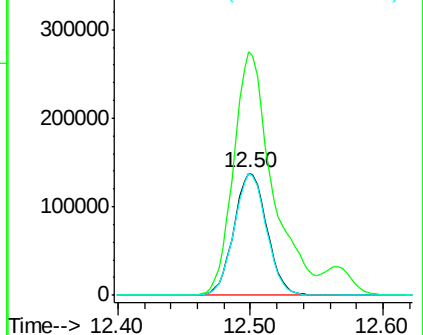
158 97.8 48.4 145.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.338 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064670.D

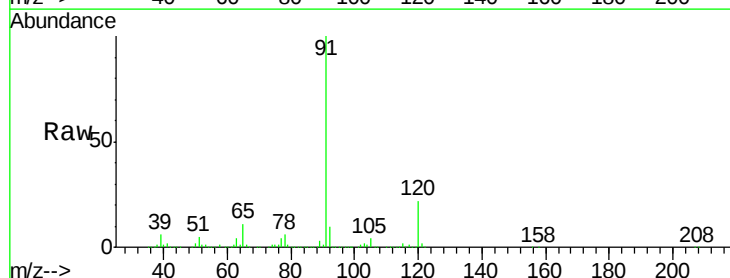
Acq: 16 Nov 2020 19:13

Tgt Ion: 91 Resp: 1204570

Ion Ratio Lower Upper

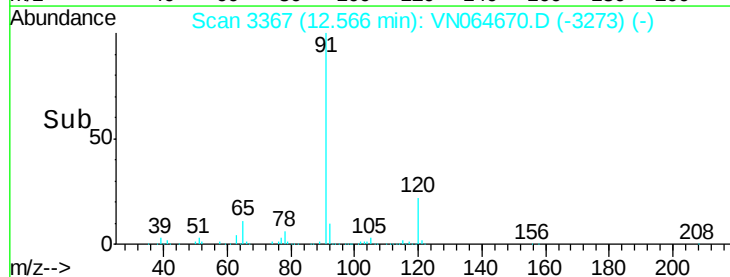
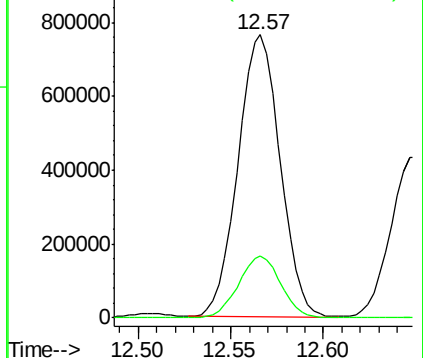
91 100

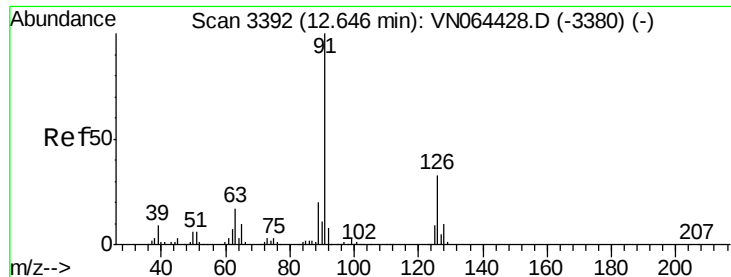
120 22.1 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

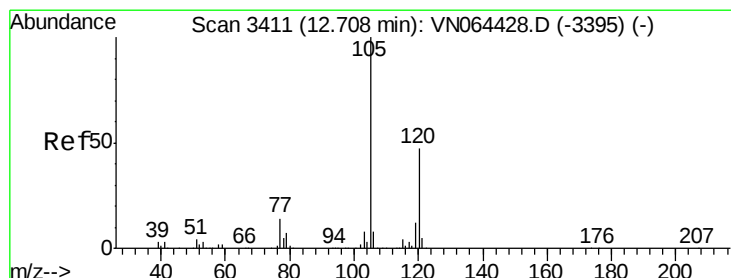
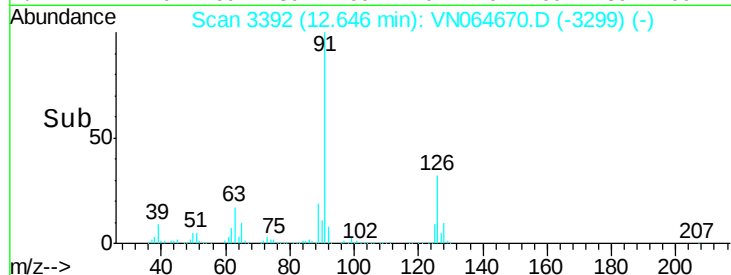
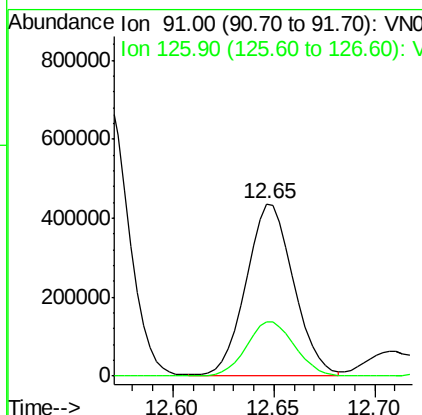
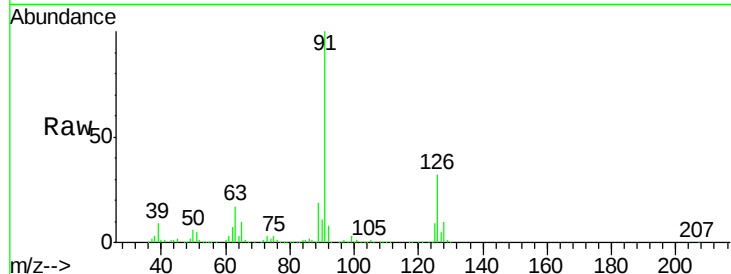




#79
 2-Chlorotoluene
 Concen: 46.809 ug/l
 RT: 12.65 min Scan# 3392
 Delta R.T. -0.00 min
 Lab File: VN064670.D
 Acq: 16 Nov 2020 19:13

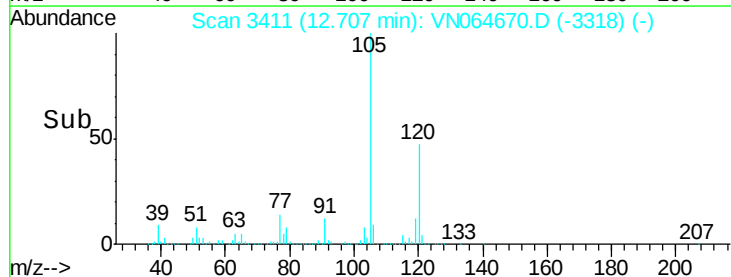
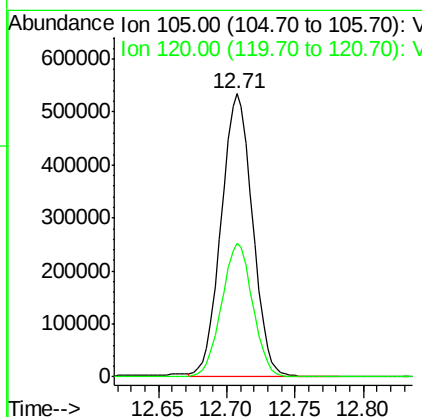
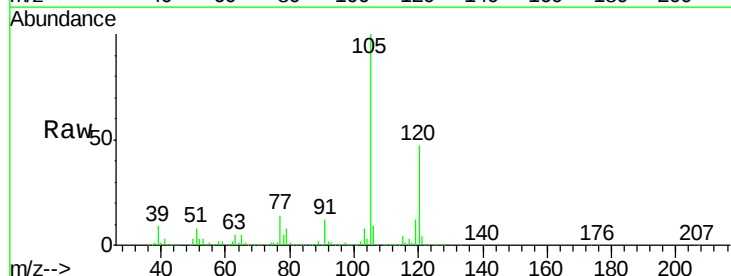
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

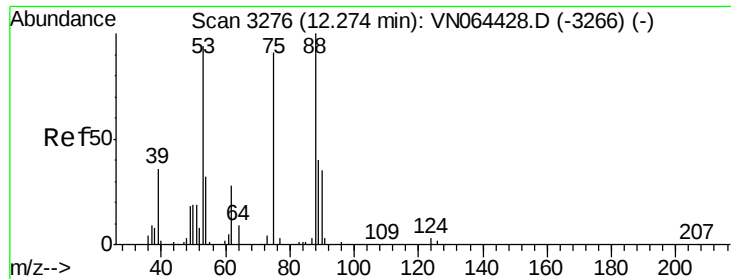
Tot Ion: 91 Resp: 710436
 Ion Ratio Lower Upper
 91 100
 126 32.5 16.4 49.1



#80
 1,3,5-Trimethylbenzene
 Concen: 49.087 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. -0.00 min
 Lab File: VN064670.D
 Acq: 16 Nov 2020 19:13

Tgt Ion: 105 Resp: 849989
 Ion Ratio Lower Upper
 105 100
 120 47.0 23.4 70.2





#81

trans-1,4-Dichloro-2-butene

Concen: 46.522 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. -0.00 min

Lab File: VN064670.D

Acq: 16 Nov 2020 19:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

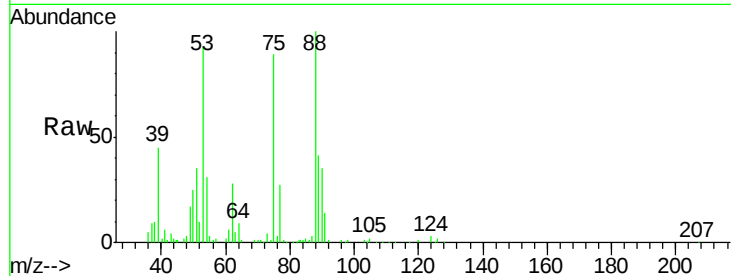
Tot Ion: 75 Resp: 106610

Ion Ratio Lower Upper

75 100

53 106.1 84.0 126.0

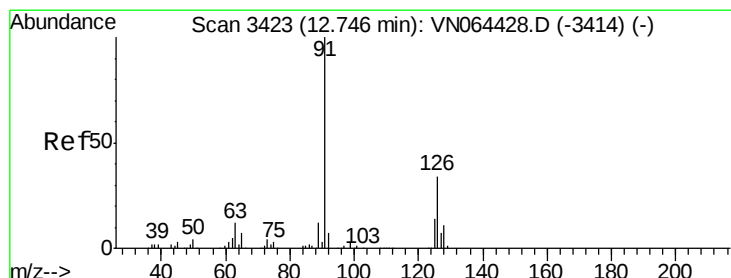
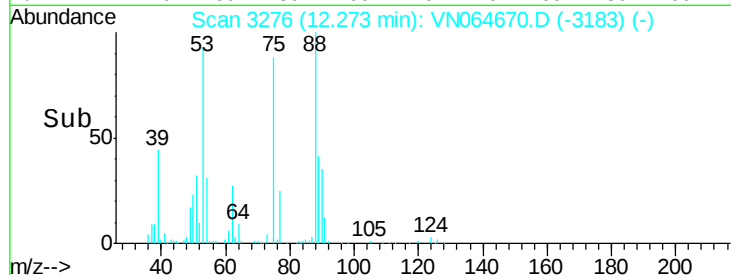
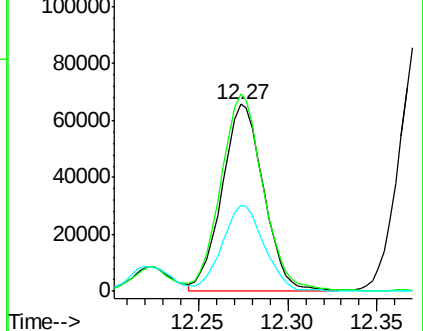
89 46.9 36.3 54.5



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 47.947 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. -0.00 min

Lab File: VN064670.D

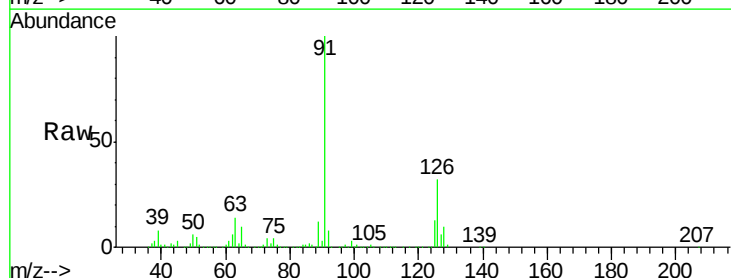
Acq: 16 Nov 2020 19:13

Tgt Ion: 91 Resp: 762096

Ion Ratio Lower Upper

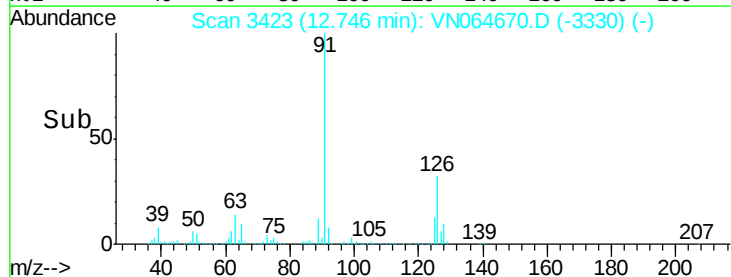
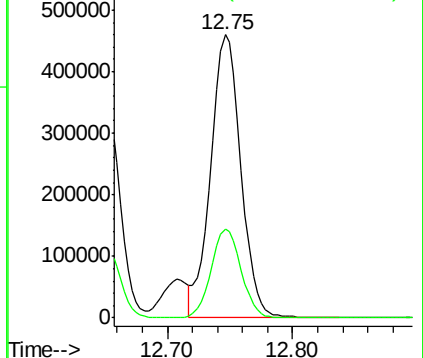
91 100

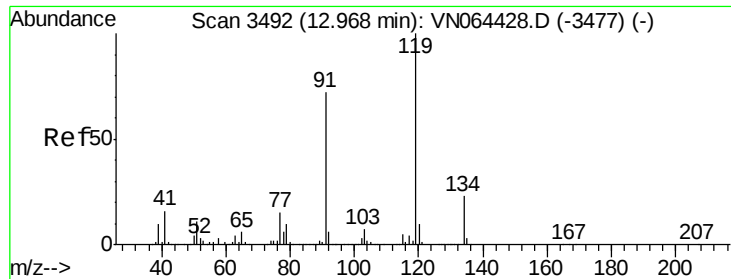
126 31.4 15.4 46.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

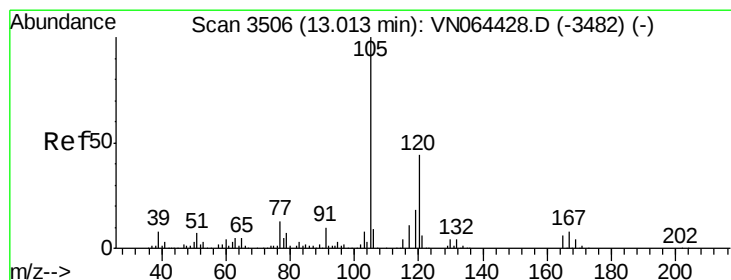
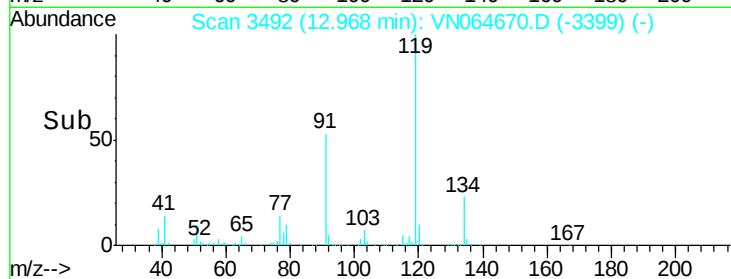
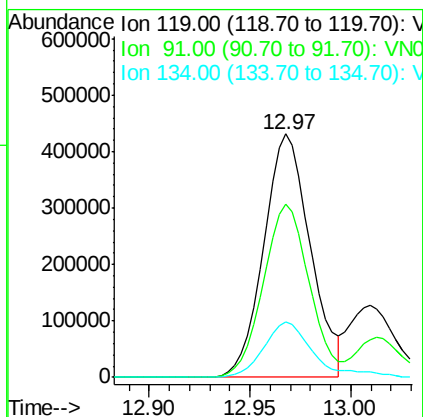
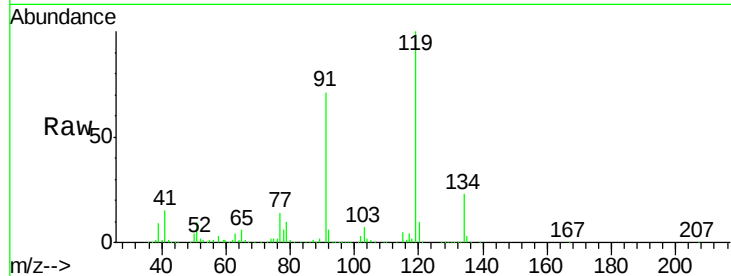




#83
tert-Butylbenzene
Concen: 51.203 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. -0.00 min
Lab File: VN064670.D
Acq: 16 Nov 2020 19:13

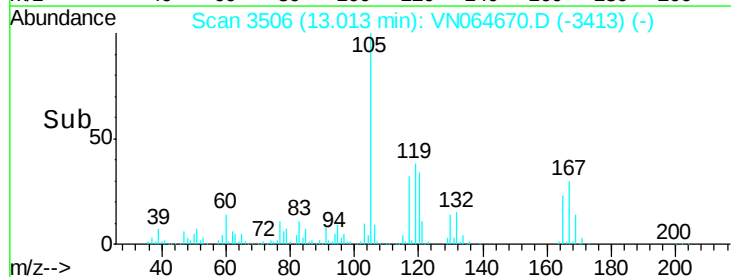
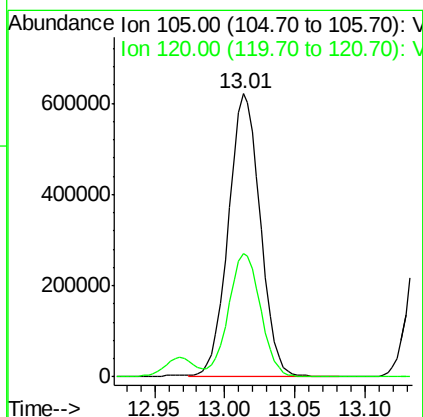
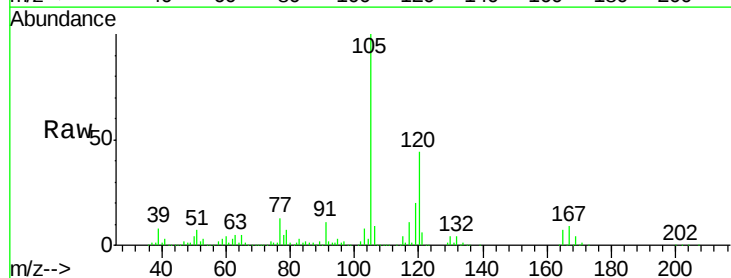
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

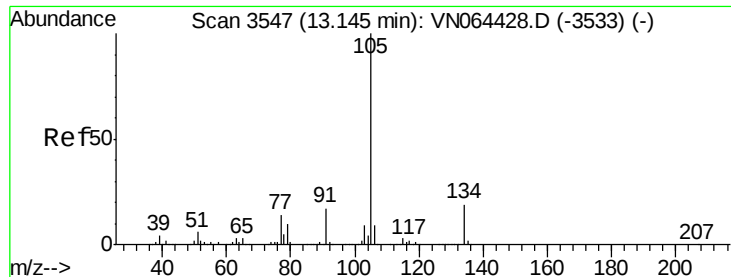
Tot Ion:119 Resp: 692471
Ion Ratio Lower Upper
119 100
91 70.5 36.1 108.3
134 24.4 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 56.157 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. -0.00 min
Lab File: VN064670.D
Acq: 16 Nov 2020 19:13

Tgt Ion:105 Resp: 977542
Ion Ratio Lower Upper
105 100
120 44.2 21.9 65.7





#85

sec-Butylbenzene

Concen: 53.083 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN064670.D

Acq: 16 Nov 2020 19:13

Instrument :

MSVOA_N

ClientSampleId :

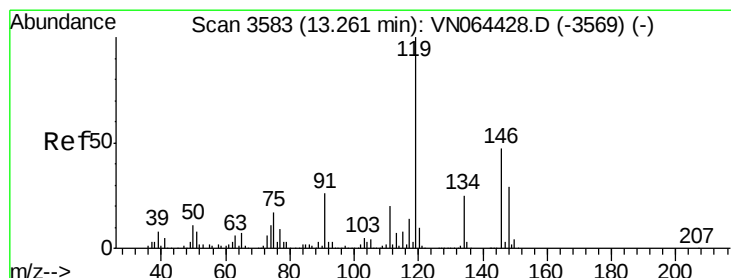
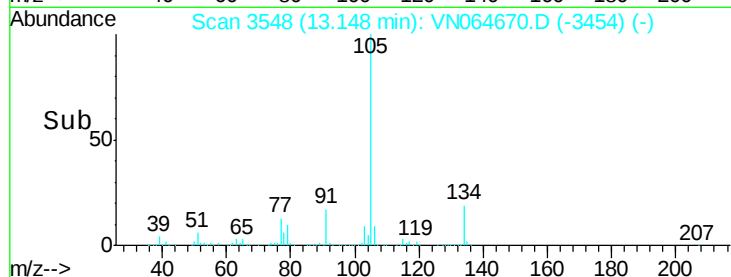
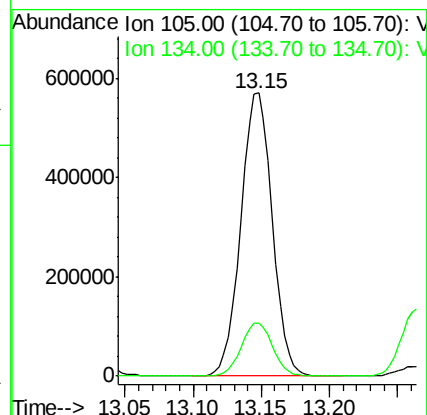
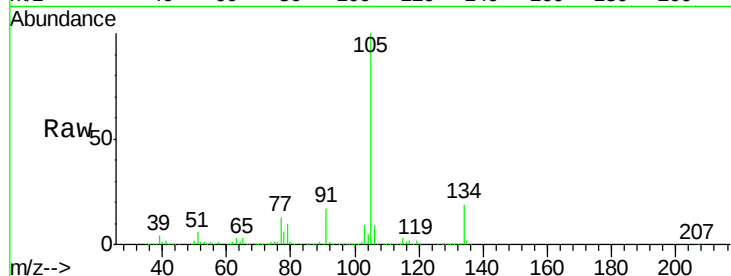
VSTDCCC050EC

Tot Ion:105 Resp: 909188

Ion Ratio Lower Upper

105 100

134 19.0 9.4 28.2



#86

p-Isopropyltoluene

Concen: 52.914 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064670.D

Acq: 16 Nov 2020 19:13

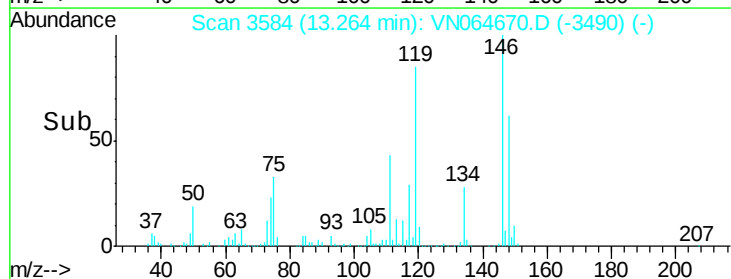
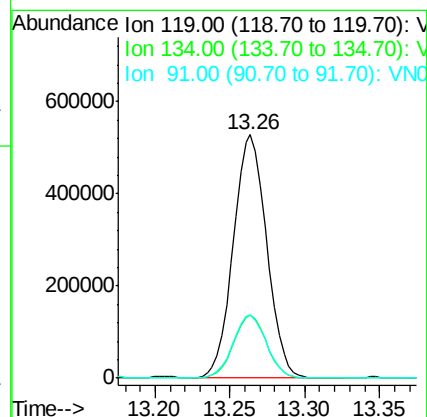
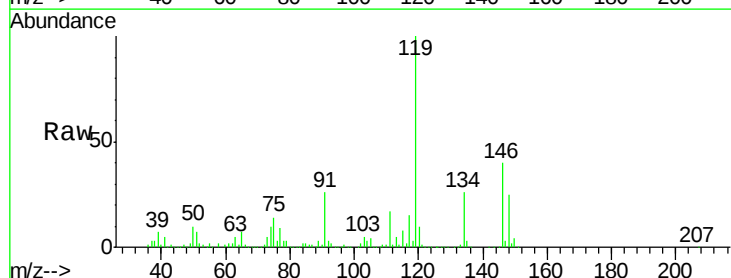
Tgt Ion:119 Resp: 815189

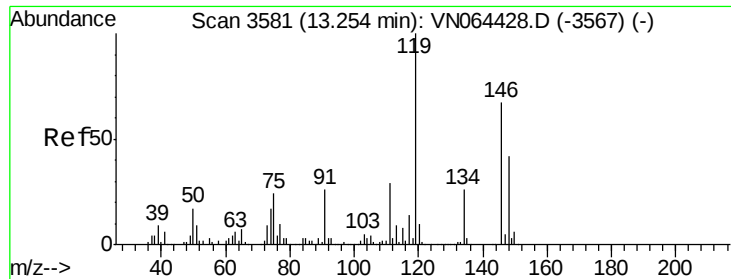
Ion Ratio Lower Upper

119 100

134 25.8 12.6 37.6

91 26.0 12.8 38.3





#87

1,3-Dichlorobenzene

Concen: 47.899 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. 0.00 min

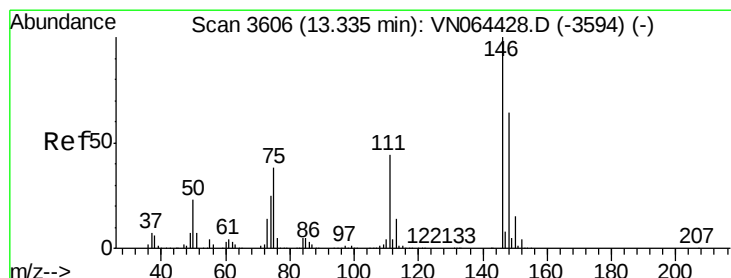
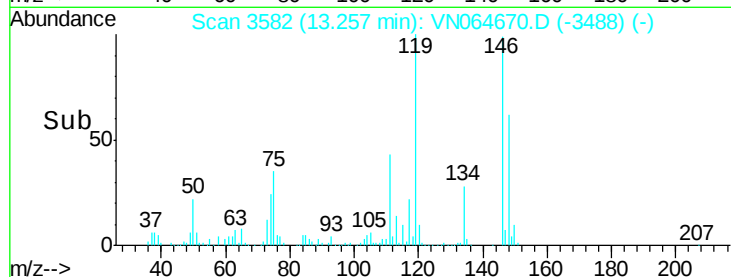
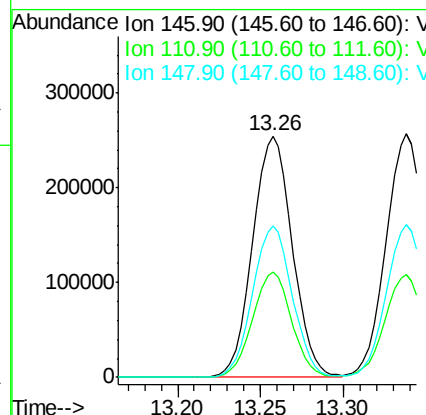
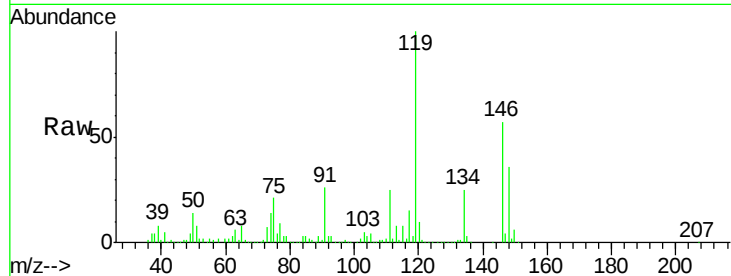
Lab File: VN064670.D

Acq: 16 Nov 2020 19:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:146 Resp: 424308

Ion	Ratio	Lower	Upper
146	100		
111	42.8	22.1	66.1
148	62.7	31.7	95.1



#88

1,4-Dichlorobenzene

Concen: 46.510 ug/l

RT: 13.34 min Scan# 3607

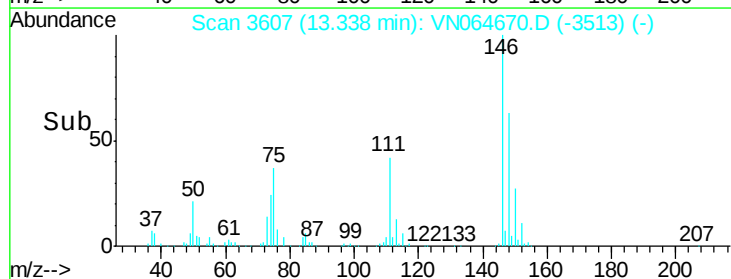
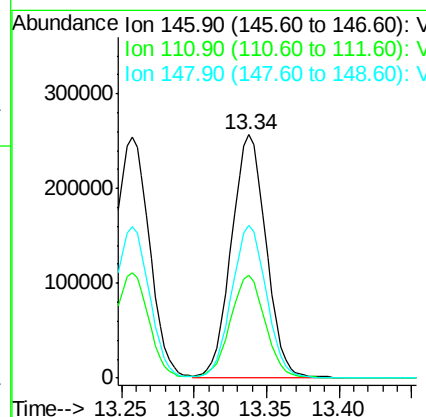
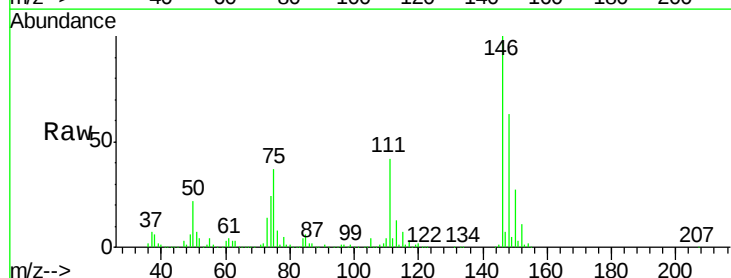
Delta R.T. 0.00 min

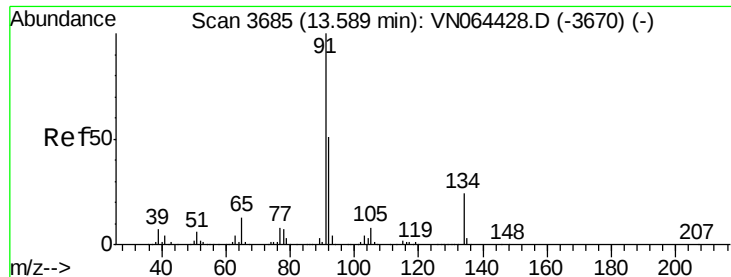
Lab File: VN064670.D

Acq: 16 Nov 2020 19:13

Tgt Ion:146 Resp: 425775

Ion	Ratio	Lower	Upper
146	100		
111	42.5	21.8	65.3
148	63.0	32.4	97.2





#89

n-Butylbenzene

Concen: 53.296 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. -0.00 min

Lab File: VN064670.D

Acq: 16 Nov 2020 19:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

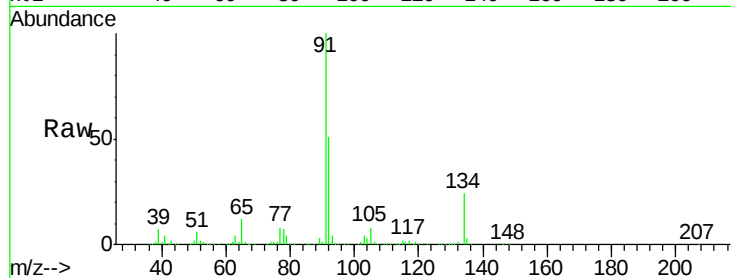
Tot Ion: 91 Resp: 705954

Ion Ratio Lower Upper

91 100

92 50.7 25.3 75.9

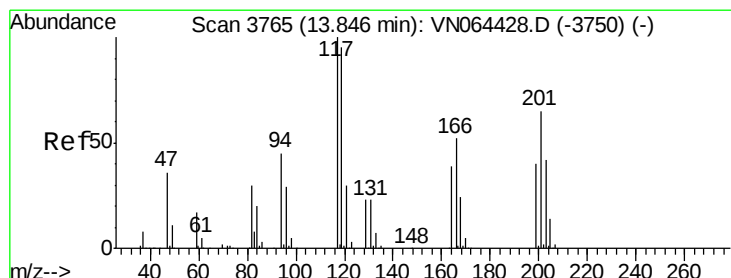
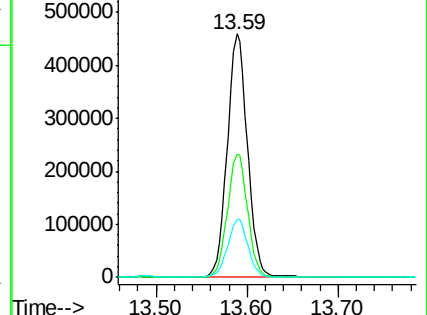
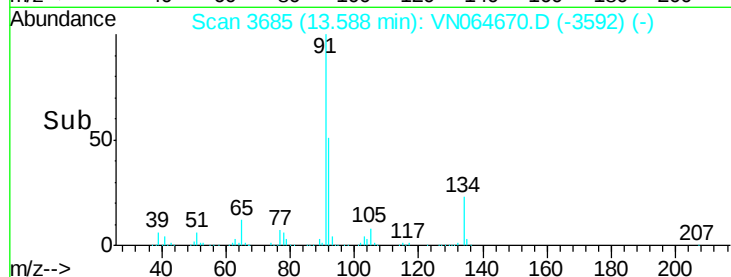
134 23.9 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VN064428.D (-3670) (-)

Ion 92.00 (91.70 to 92.70): VN064428.D (-3670) (-)

Ion 134.00 (133.70 to 134.70): VN064428.D (-3670) (-)



#90

Hexachloroethane

Concen: 54.017 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. 0.00 min

Lab File: VN064670.D

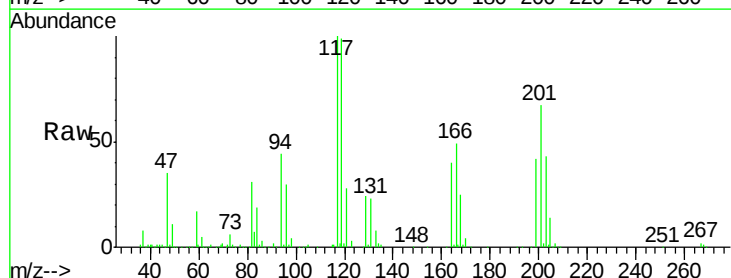
Acq: 16 Nov 2020 19:13

Tgt Ion: 117 Resp: 160533

Ion Ratio Lower Upper

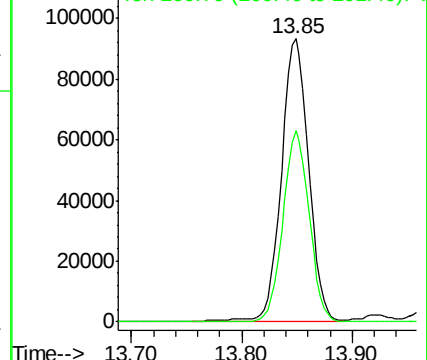
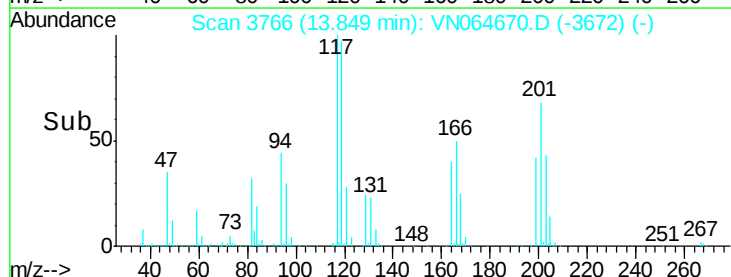
117 100

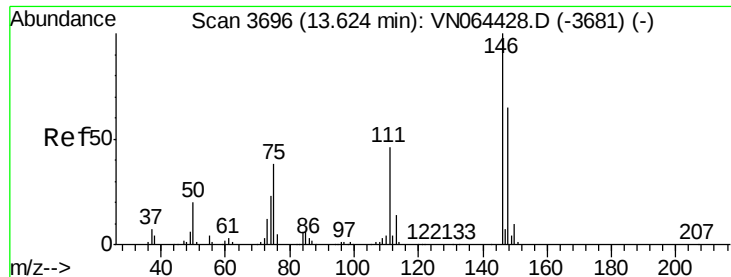
201 64.3 32.5 97.5



Abundance Ion 116.80 (116.50 to 117.50): VN064428.D (-3750) (-)

Ion 200.70 (200.40 to 201.40): VN064428.D (-3750) (-)

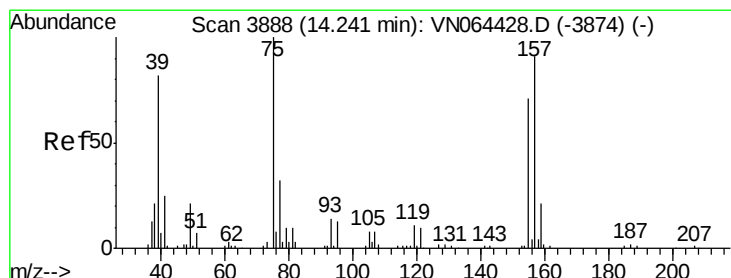
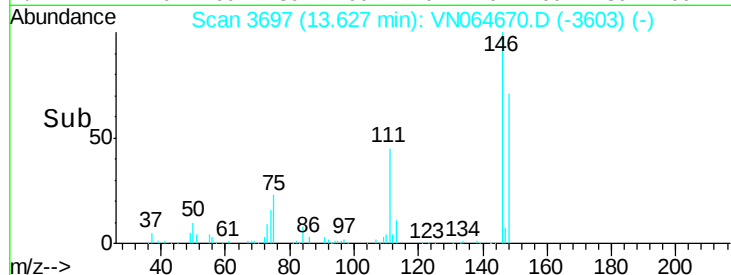
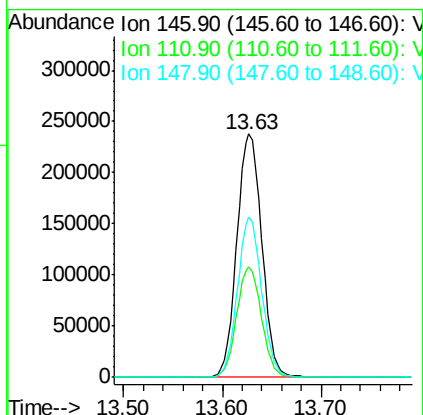
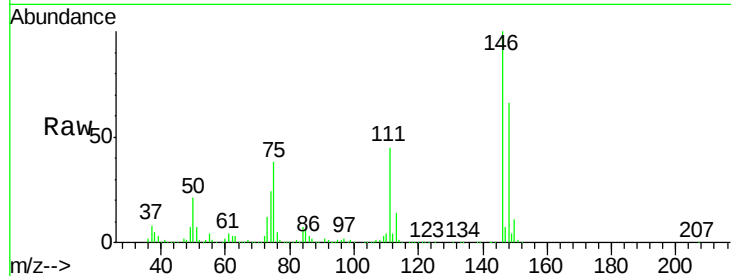




#91
 1,2-Dichlorobenzene
 Concen: 49.095 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064670.D
 Acq: 16 Nov 2020 19:13

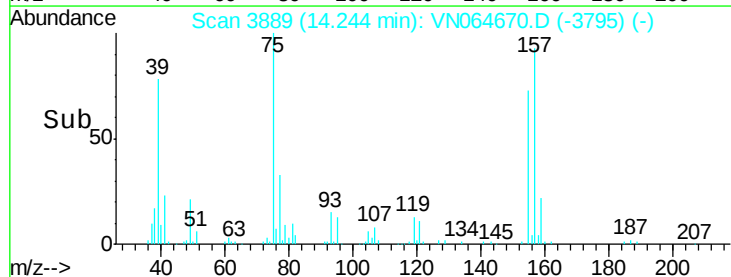
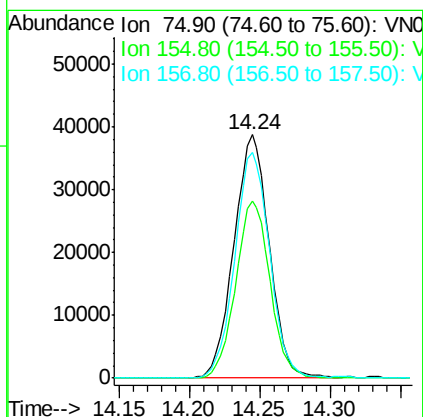
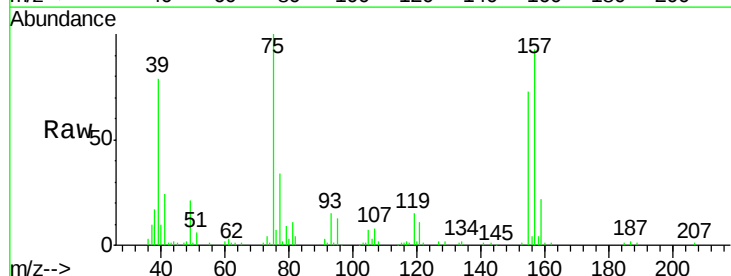
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

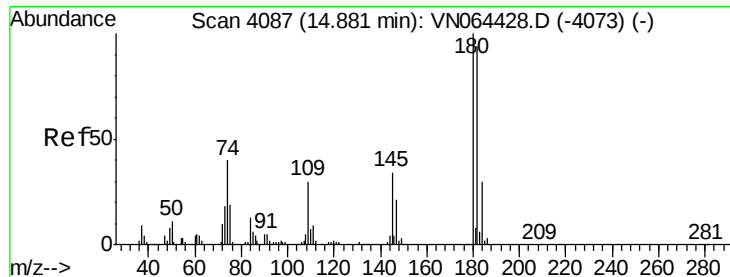
Tot Ion:146 Resp: 418332
 Ion Ratio Lower Upper
 146 100
 111 45.1 22.9 68.7
 148 63.8 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.914 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN064670.D
 Acq: 16 Nov 2020 19:13

Tgt Ion: 75 Resp: 67920
 Ion Ratio Lower Upper
 75 100
 155 70.5 34.6 103.9
 157 91.5 43.0 128.8

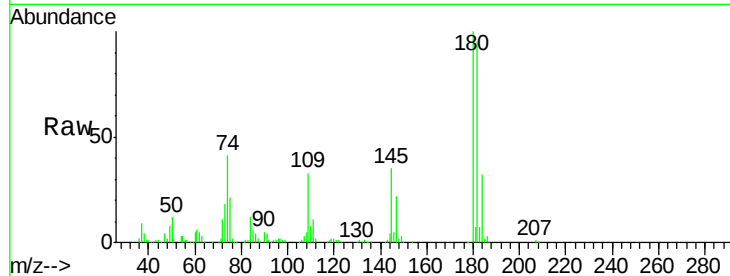




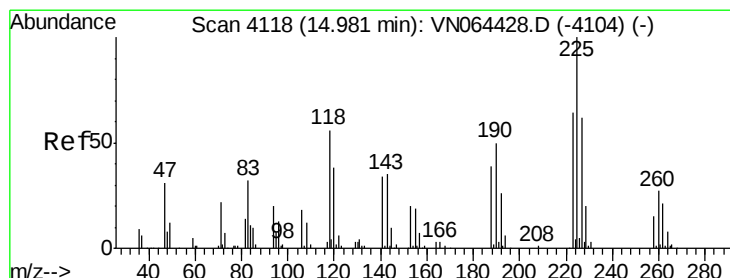
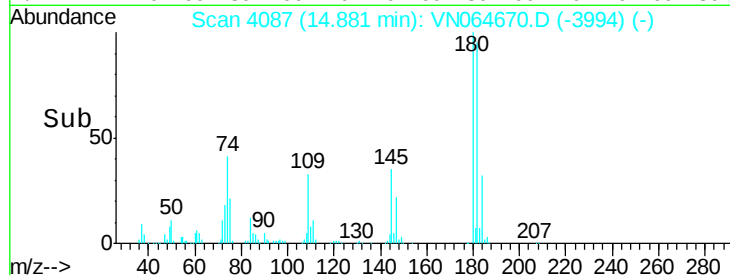
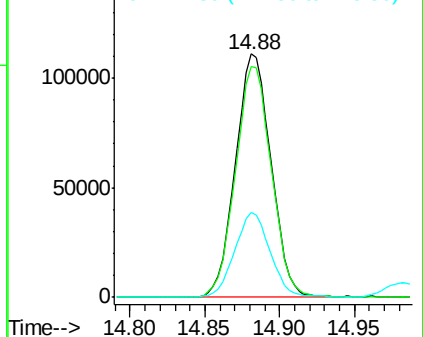
#93
 1,2,4-Trichlorobenzene
 Concen: 43.767 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064670.D
 Acq: 16 Nov 2020 19:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:180 Resp: 183978
 Ion Ratio Lower Upper
 180 100
 182 96.0 47.3 142.0
 145 34.9 16.7 50.1

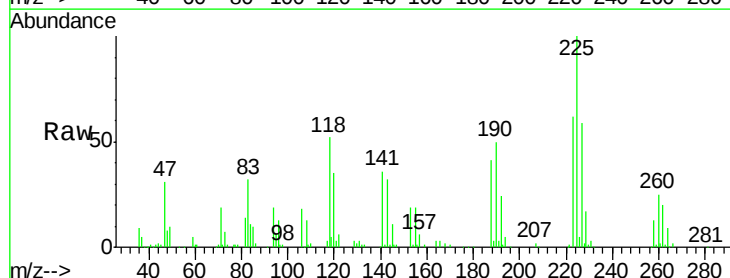


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

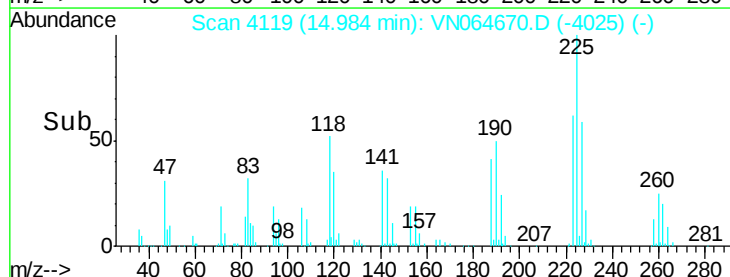
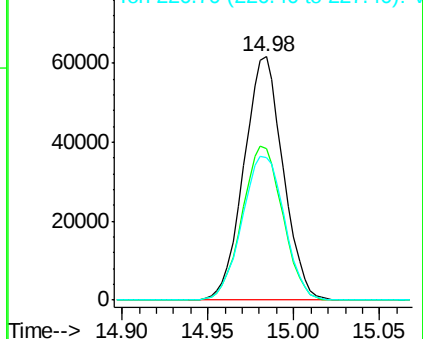


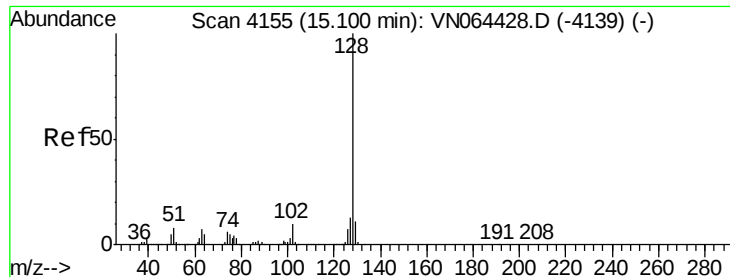
#94
 Hexachlorobutadiene
 Concen: 56.026 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN064670.D
 Acq: 16 Nov 2020 19:13

Tgt Ion:225 Resp: 97198
 Ion Ratio Lower Upper
 225 100
 223 65.3 31.8 95.4
 227 63.9 31.8 95.4



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

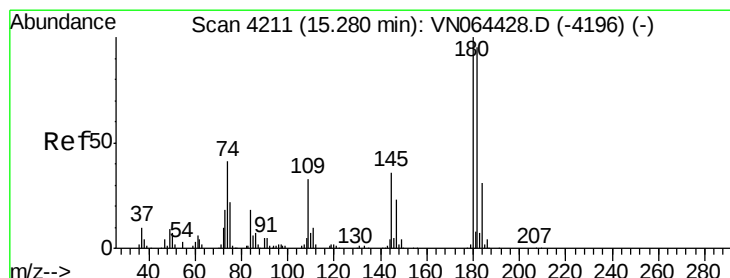
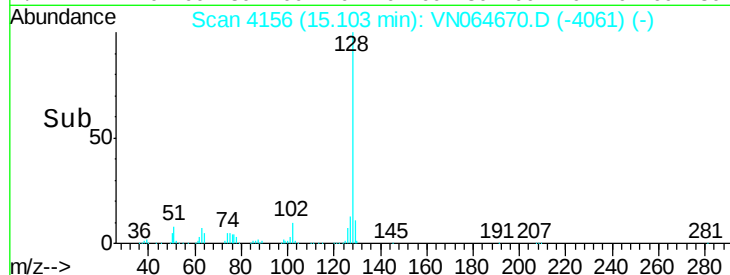
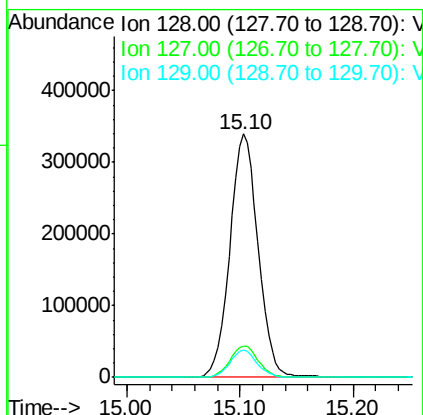
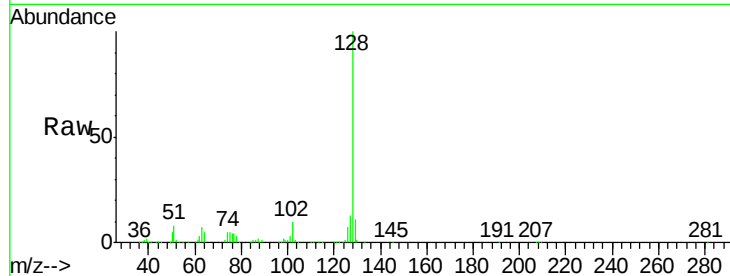




#95
Naphthalene
Concen: 41.284 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064670.D
Acq: 16 Nov 2020 19:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 588085
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 10.8 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 45.577 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN064670.D
Acq: 16 Nov 2020 19:13

Tgt Ion:180 Resp: 185782
Ion Ratio Lower Upper
180 100
182 95.9 47.7 143.1
145 36.1 18.3 54.8

