

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042220\
 Data File : VN061128.D
 Acq On : 22 Apr 2020 14:21
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Quant Time: Apr 22 14:55:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 22 14:48:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.40	168	194414	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.35	114	318282	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.21	117	294060	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.15	152	144931	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.77	65	126218	50.10	ug/l	0.00
Spiked Amount			Recovery	=	100.20%	
35) Dibromofluoromethane	7.31	113	89359	48.09	ug/l	0.00
Spiked Amount			Recovery	=	96.18%	
50) Toluene-d8	9.88	98	380543	52.68	ug/l	0.00
Spiked Amount			Recovery	=	105.36%	
62) 4-Bromofluorobenzene	12.21	95	142534	50.90	ug/l	0.00
Spiked Amount			Recovery	=	101.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.72	85	98049	44.558	ug/l	100
3) Chloromethane	1.91	50	113811	35.151	ug/l	100
4) Vinyl Chloride	2.03	62	138106	48.631	ug/l	100
5) Bromomethane	2.38	94	67155	47.357	ug/l	100
6) Chloroethane	2.52	64	72806	45.284	ug/l	100
7) Trichlorofluoromethane	2.82	101	142341	41.506	ug/l	100
8) Diethyl Ether	3.18	74	65401	46.903	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.50	101	98703	47.525	ug/l	100
10) Methyl Iodide	3.68	142	140248	68.698	ug/l	100
11) Tert butyl alcohol	4.44	59	87822	206.688	ug/l	100
12) 1,1-Dichloroethene	3.49	96	96796	46.202	ug/l	100
13) Acrolein	3.36	56	64056	181.192	ug/l	100
14) Allyl chloride	4.03	41	133840	35.049	ug/l	100
15) Acrylonitrile	4.64	53	272085	232.328	ug/l	100
16) Acetone	3.55	43	232627	220.105	ug/l	100
17) Carbon Disulfide	3.78	76	296963	45.343	ug/l	100
18) Methyl Acetate	4.02	43	154692	46.093	ug/l	100
19) Methyl tert-butyl Ether	4.69	73	346691	47.242	ug/l	100
20) Methylene Chloride	4.24	84	111520	47.187	ug/l	100
21) trans-1,2-Dichloroethene	4.70	96	110748	48.859	ug/l	100
22) Diisopropyl ether	5.61	45	364529	44.606	ug/l	100
23) Vinyl Acetate	5.55	43	1503828	233.448	ug/l	100
24) 1,1-Dichloroethane	5.51	63	203495	45.844	ug/l	100
25) 2-Butanone	6.51	43	372969	227.865	ug/l	100
26) 2,2-Dichloropropane	6.50	77	179679	48.262	ug/l	100
27) cis-1,2-Dichloroethene	6.51	96	125533	48.377	ug/l	100
28) Bromochloromethane	6.89	49	86021	42.883	ug/l	100
29) Tetrahydrofuran	6.90	42	252318	226.430	ug/l	100
30) Chloroform	7.08	83	205355	49.012	ug/l	100
31) Cyclohexane	7.38	56	194464	42.984	ug/l	100
32) 1,1,1-Trichloroethane	7.29	97	180341	49.614	ug/l	100
36) 1,1-Dichloropropene	7.52	75	157830	48.420	ug/l	100
37) Ethyl Acetate	6.61	43	160670	45.760	ug/l	100
38) Carbon Tetrachloride	7.50	117	141752	52.033	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.85	83	194513	49.787	ug/l	100
40) Benzene	7.78	78	465406	48.129	ug/l	100
41) Methacrylonitrile	6.90	41	232564	156.291	ug/l #	22
42) 1,2-Dichloroethane	7.87	62	164958	49.831	ug/l	100
43) Isopropyl Acetate	7.92	43	270643	47.300	ug/l	100
44) Trichloroethene	8.60	130	133769	53.703	ug/l	100
45) 1,2-Dichloropropane	8.89	63	122065	46.910	ug/l	100
46) Dibromomethane	8.98	93	80739	52.926	ug/l	100
47) Bromodichloromethane	9.18	83	161130	50.427	ug/l	100
48) Methyl methacrylate	8.98	41	128605	50.493	ug/l	100
49) 1,4-Dioxane	8.98	88	28244	913.710	ug/l	100
51) 4-Methyl-2-Pentanone	9.78	43	815415	246.442	ug/l	100
52) Toluene	9.95	92	293187	50.253	ug/l	100
53) t-1,3-Dichloropropene	10.18	75	190356	51.217	ug/l	100
54) cis-1,3-Dichloropropene	9.63	75	201717	49.930	ug/l	100
55) 1,1,2-Trichloroethane	10.36	97	113597	51.345	ug/l	100
56) Ethyl methacrylate	10.23	69	180632	52.217	ug/l	100
57) 1,3-Dichloropropane	10.51	76	192574	49.121	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.49	63	453597	276.247	ug/l	100
59) 2-Hexanone	10.56	43	604865	252.795	ug/l	100
60) Dibromochloromethane	10.71	129	121121	53.060	ug/l	100
61) 1,2-Dibromoethane	10.81	107	119007	52.484	ug/l	100
64) Tetrachloroethene	10.43	164	149156	62.805	ug/l	100
65) Chlorobenzene	11.24	112	304089	50.045	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.32	131	110542	50.765	ug/l	100
67) Ethyl Benzene	11.32	91	569765	49.957	ug/l	100
68) m/p-Xylenes	11.43	106	428115	103.228	ug/l	100
69) o-Xylene	11.76	106	205261	51.471	ug/l	100
70) Styrene	11.77	104	343612	53.536	ug/l	100
71) Bromoform	11.93	173	86531	53.279	ug/l #	100
73) Isopropylbenzene	12.06	105	551398	47.672	ug/l	100
74) N-amyl acetate	11.89	43	252226	47.223	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.32	83	148421	42.935	ug/l	100
76) 1,2,3-Trichloropropane	12.36	75	226998	70.073	ug/l #	100
77) Bromobenzene	12.33	156	134492	49.403	ug/l	100
78) n-propylbenzene	12.40	91	652071	48.342	ug/l	100
79) 2-Chlorotoluene	12.48	91	374468	47.346	ug/l	100
80) 1,3,5-Trimethylbenzene	12.55	105	468040	48.986	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.11	75	65162	50.251	ug/l	100
82) 4-Chlorotoluene	12.58	91	392698	47.843	ug/l	100
83) tert-Butylbenzene	12.81	119	396559	49.183	ug/l	100
84) 1,2,4-Trimethylbenzene	12.85	105	467125	49.426	ug/l	100
85) sec-Butylbenzene	12.99	105	534266	49.080	ug/l	100
86) p-Isopropyltoluene	13.10	119	483798	49.775	ug/l	100
87) 1,3-Dichlorobenzene	13.09	146	238450	49.378	ug/l	100
88) 1,4-Dichlorobenzene	13.17	146	240680	49.429	ug/l	100
89) n-Butylbenzene	13.43	91	446188	49.561	ug/l	100
90) Hexachloroethane	13.68	117	44598	31.995	ug/l	100
91) 1,2-Dichlorobenzene	13.46	146	224970	48.910	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.08	75	32919	48.683	ug/l	100

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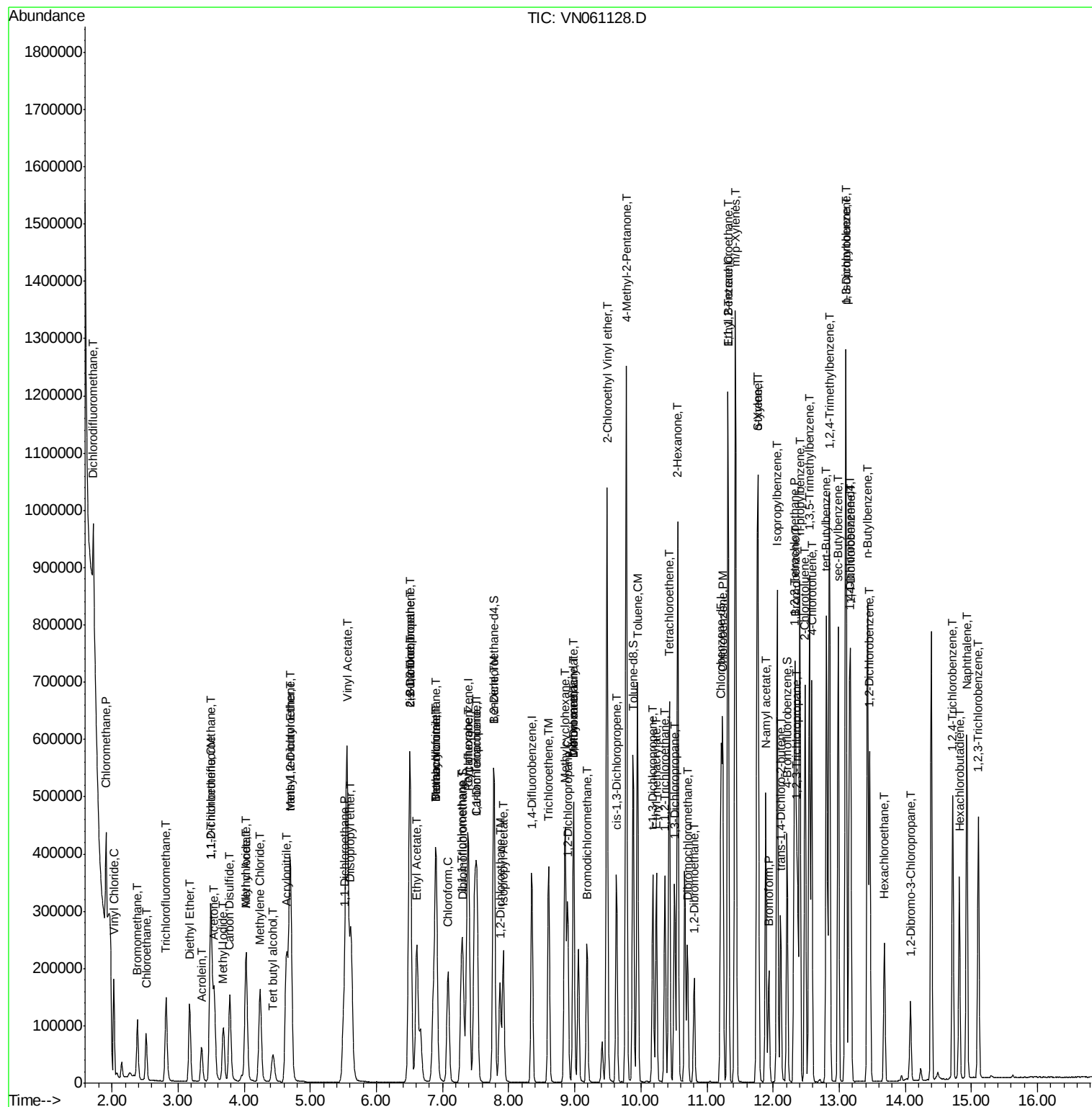
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.72	180	147650	53.766	ug/l	100
94) Hexachlorobutadiene	14.82	225	63993	46.274	ug/l	100
95) Naphthalene	14.93	128	464476	57.201	ug/l	100
96) 1,2,3-Trichlorobenzene	15.10	180	141947	53.605	ug/l	100

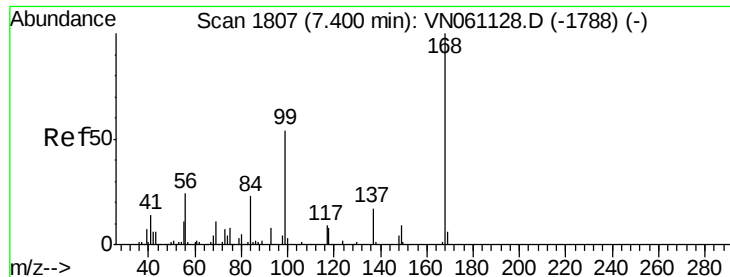
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN042220\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.40 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN061128.D

Acq: 22 Apr 2020 14:21

Instrument :

MSVOA_N

ClientSampleId :

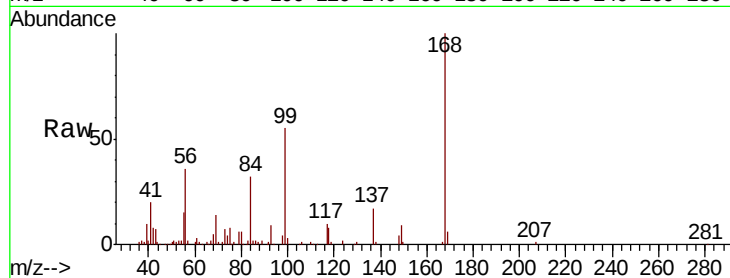
VSTDICCC050

Tot Ion:168 Resp: 194414

Ion Ratio Lower Upper

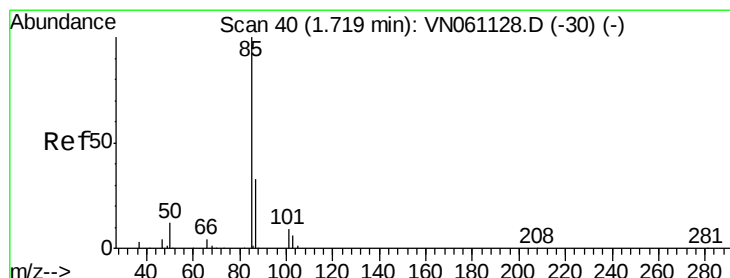
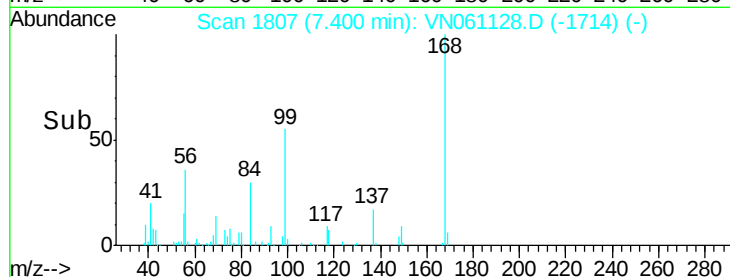
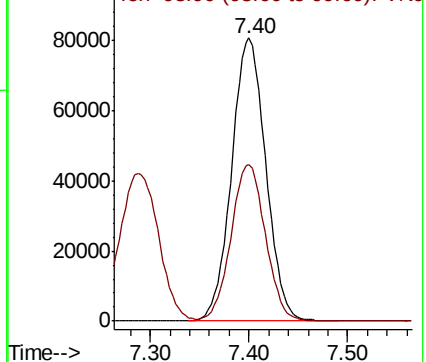
168 100

99 55.4 44.3 66.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 44.558 ug/l

RT: 1.72 min Scan# 40

Delta R.T. 0.00 min

Lab File: VN061128.D

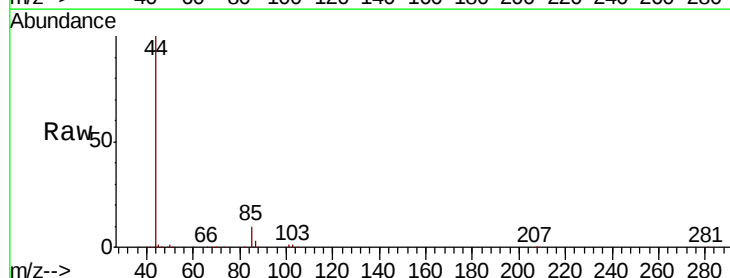
Acq: 22 Apr 2020 14:21

Tgt Ion: 85 Resp: 98049

Ion Ratio Lower Upper

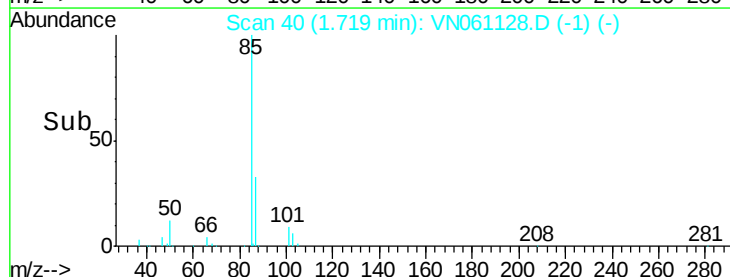
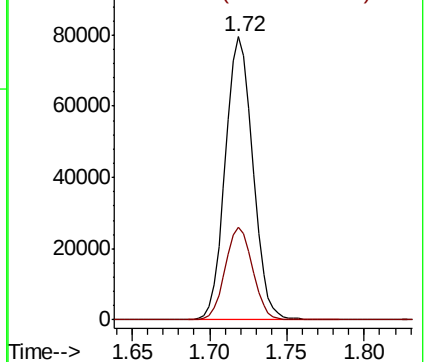
85 100

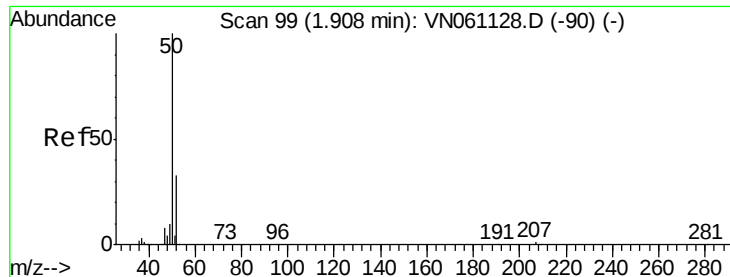
87 32.7 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 35.151 ug/l

RT: 1.91 min Scan# 99

Delta R.T. 0.00 min

Lab File: VN061128.D

Acq: 22 Apr 2020 14:21

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ClientSampleId :

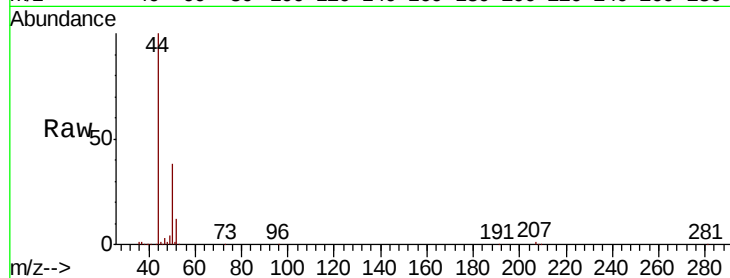
VSTDICCC050

Tot Ion: 50 Resp: 113811

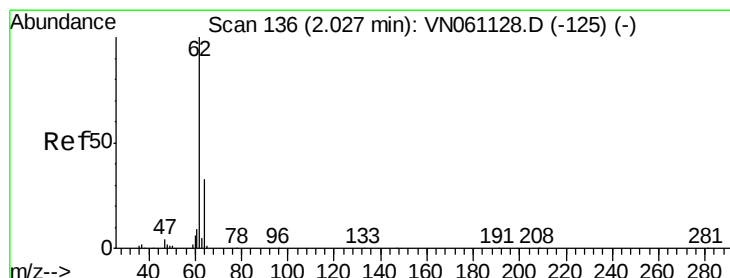
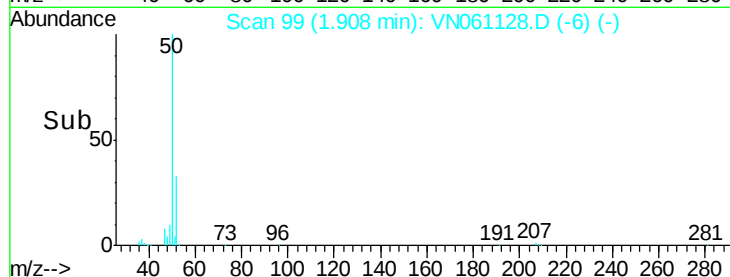
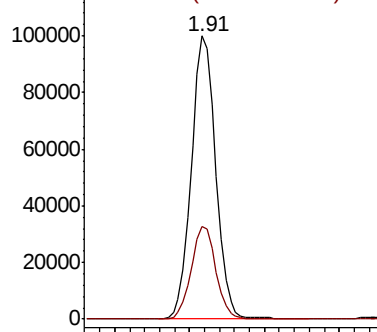
Ion Ratio Lower Upper

50 100

52 32.9 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VNO
Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 48.631 ug/l

RT: 2.03 min Scan# 136

Delta R.T. 0.00 min

Lab File: VN061128.D

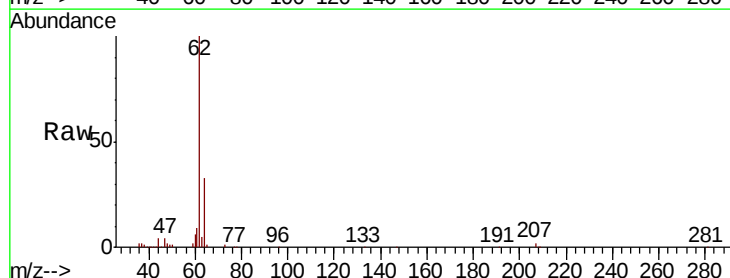
Acq: 22 Apr 2020 14:21

Tgt Ion: 62 Resp: 138106

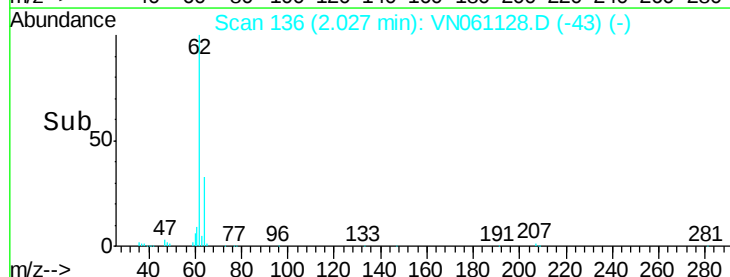
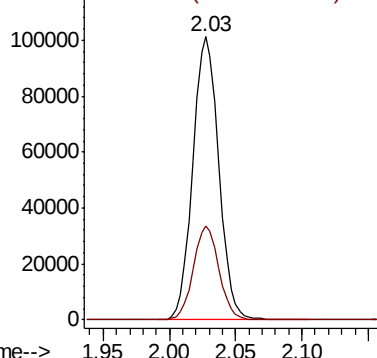
Ion Ratio Lower Upper

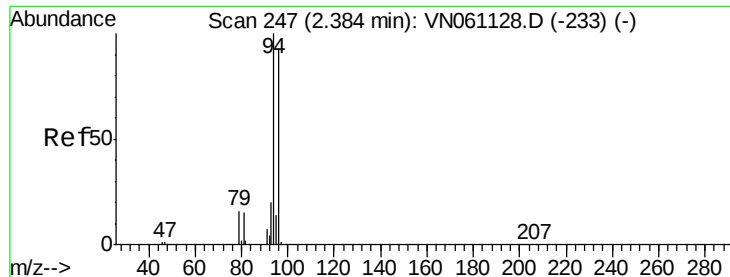
62 100

64 33.3 26.6 40.0



Abundance Ion 61.90 (61.60 to 62.60): VNO
Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 47.357 ug/l

RT: 2.38 min Scan# 247

Delta R.T. 0.00 min

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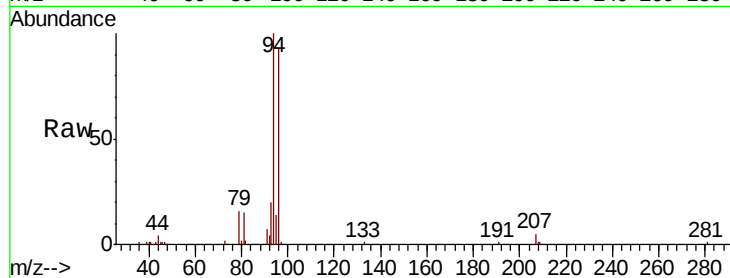
VSTDICCC050

Tot Ion: 94 Resp: 67155

Ion Ratio Lower Upper

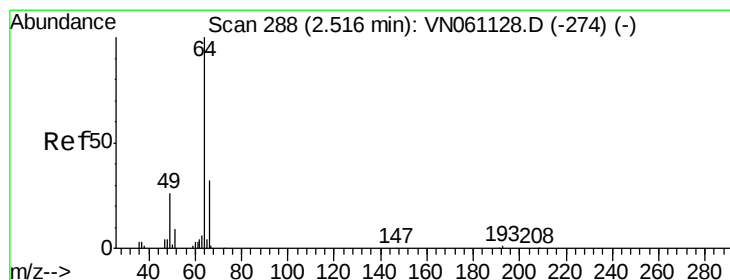
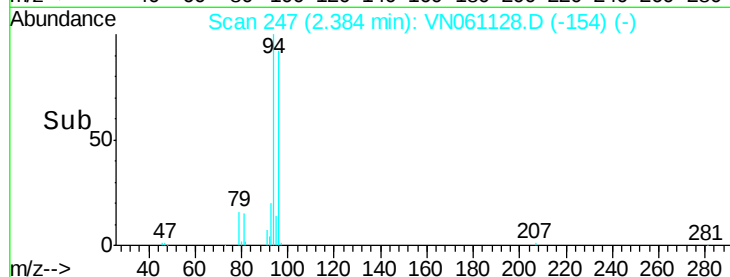
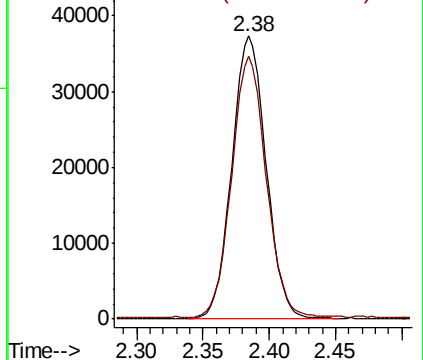
94 100

96 92.0 73.6 110.4



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 45.284 ug/l

RT: 2.52 min Scan# 288

Delta R.T. 0.00 min

Lab File: VN061128.D

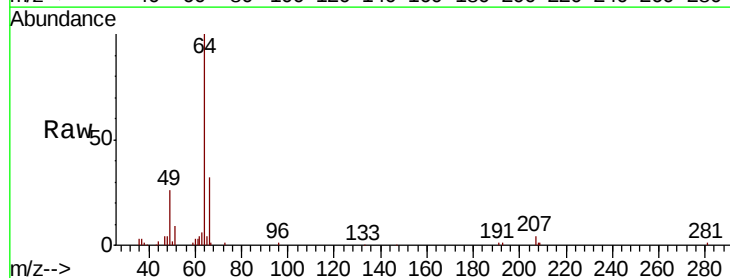
Acq: 22 Apr 2020 14:21

Tgt Ion: 64 Resp: 72806

Ion Ratio Lower Upper

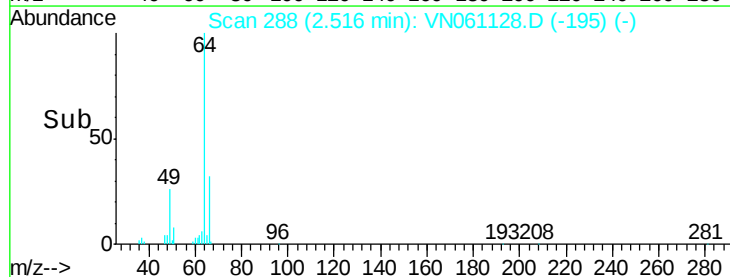
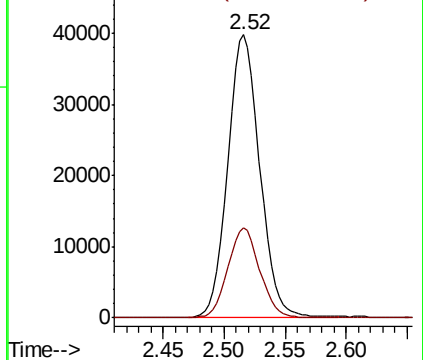
64 100

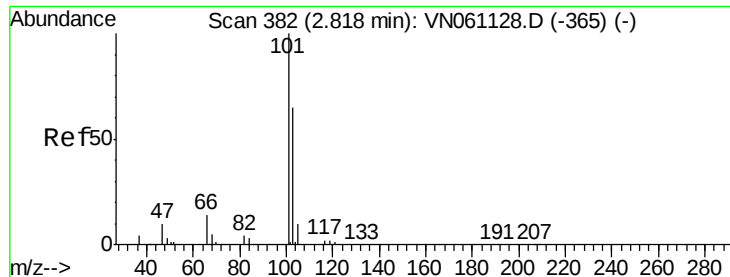
66 31.8 25.4 38.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



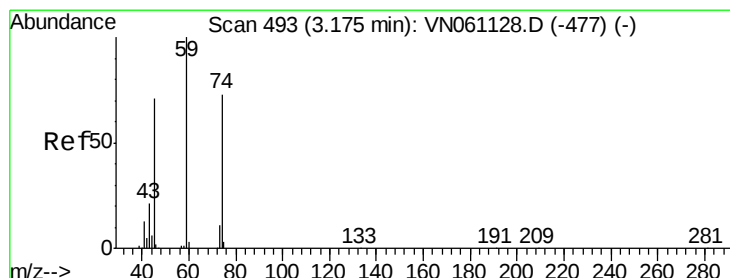
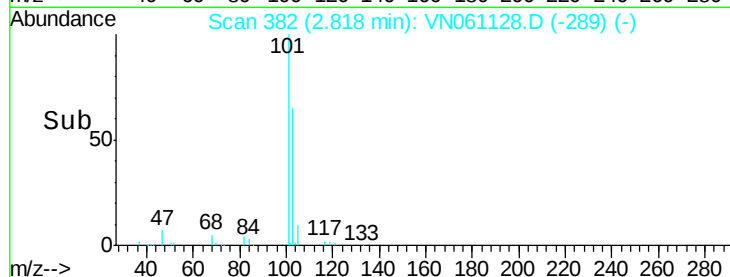
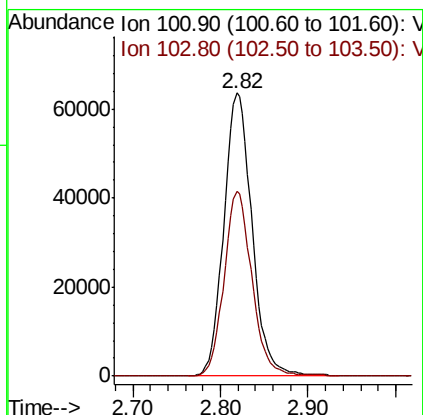
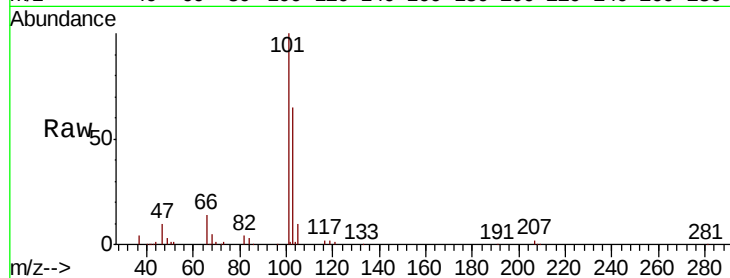


#7

Trichlorofluoromethane
 Concen: 41.506 ug/l
 RT: 2.82 min Scan# 382
 Delta R.T. 0.00 min
 Lab File: VN061128.D
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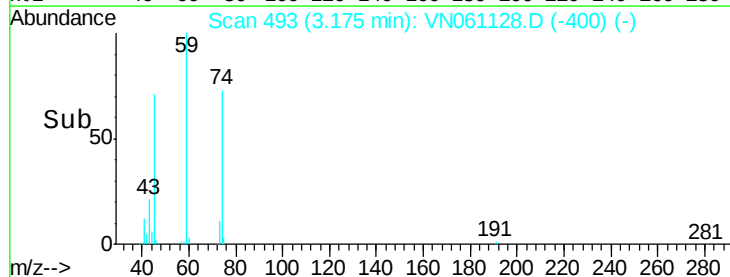
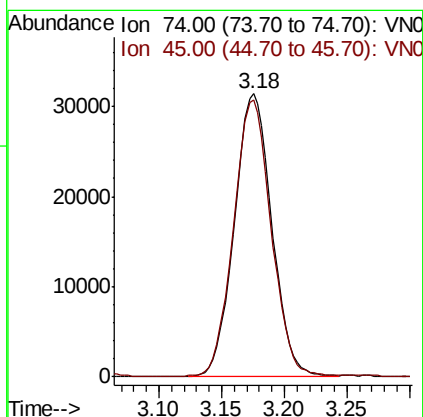
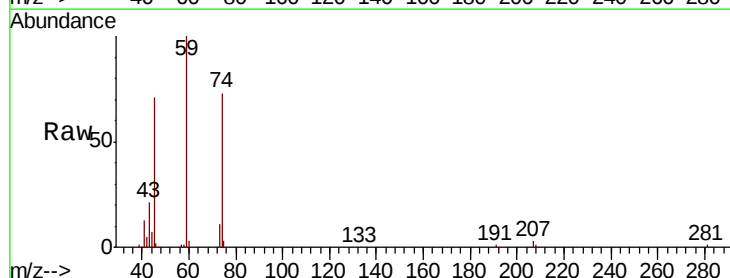
Tot Ion:101 Resp: 142341
 Ion Ratio Lower Upper
 101 100
 103 65.1 52.1 78.1

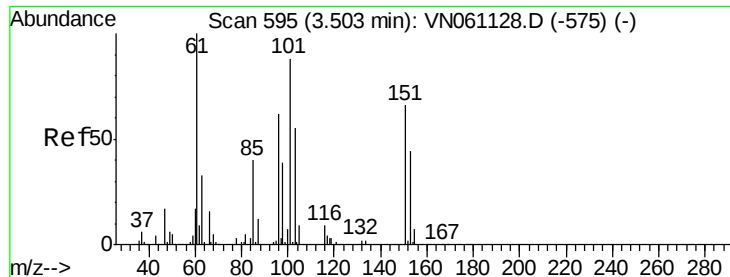


#8

Diethyl Ether
 Concen: 46.903 ug/l
 RT: 3.18 min Scan# 493
 Delta R.T. 0.00 min
 Lab File: VN061128.D
 Acq: 22 Apr 2020 14:21

Tgt Ion: 74 Resp: 65401
 Ion Ratio Lower Upper
 74 100
 45 98.3 49.1 147.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.525 ug/l

RT: 3.50 min Scan# 595

Delta R.T. 0.00 min

Lab File: VN061128.D

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MSVOA_N

ClientSampleId :

VSTDICCC050

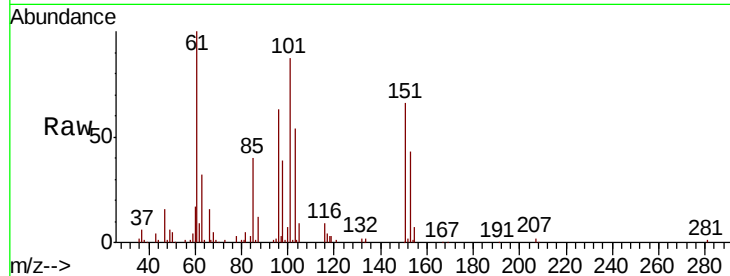
Tot Ion:101 Resp: 98703

Ion Ratio Lower Upper

101 100

85 45.3 36.2 54.4

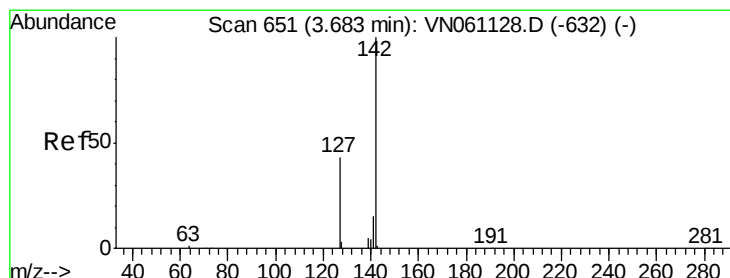
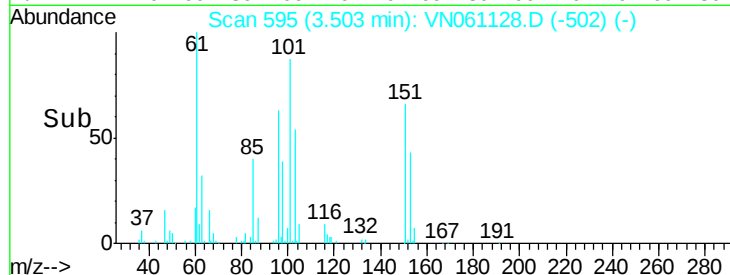
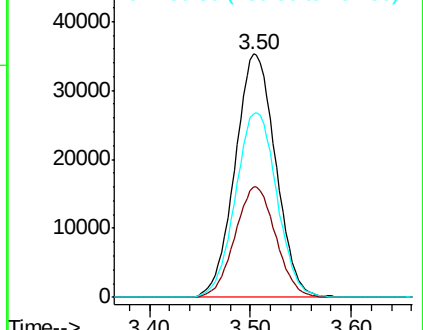
151 77.3 61.8 92.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 68.698 ug/l

RT: 3.68 min Scan# 651

Delta R.T. 0.00 min

Lab File: VN061128.D

Acq: 22 Apr 2020 14:21

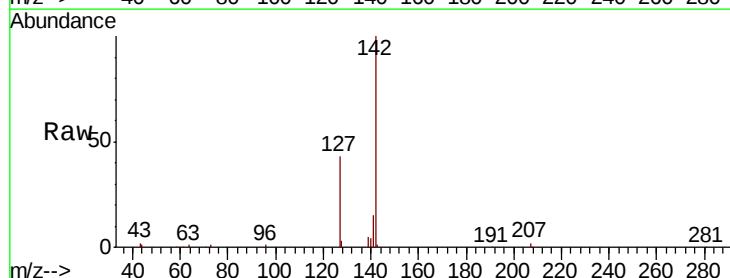
Tgt Ion:142 Resp: 140248

Ion Ratio Lower Upper

142 100

127 42.8 34.2 51.4

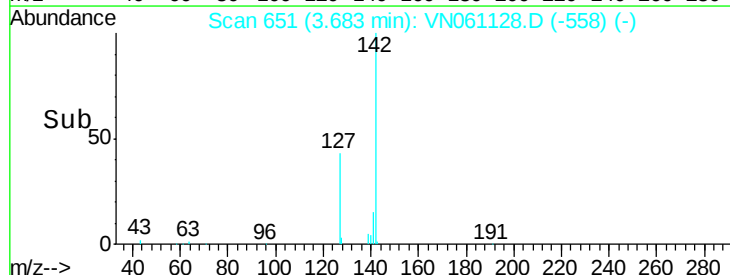
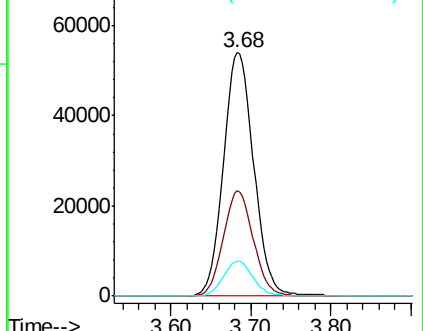
141 14.1 11.3 16.9

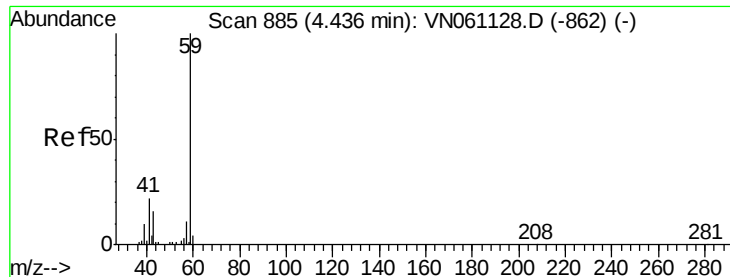


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



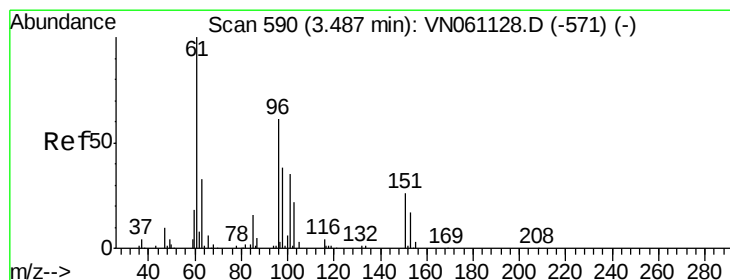
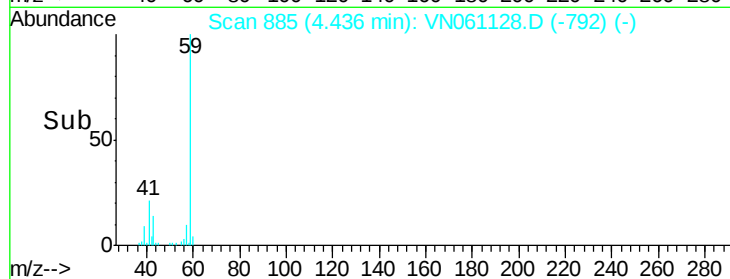
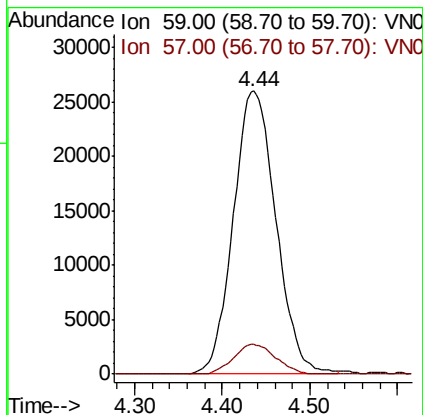
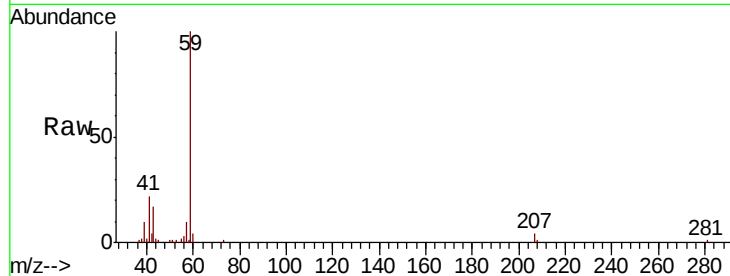


#11

Tert butyl alcohol
 Concen: 206.688 ug/l
 RT: 4.44 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: VN061128.D
 Acq: 22 Apr 2020 14:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

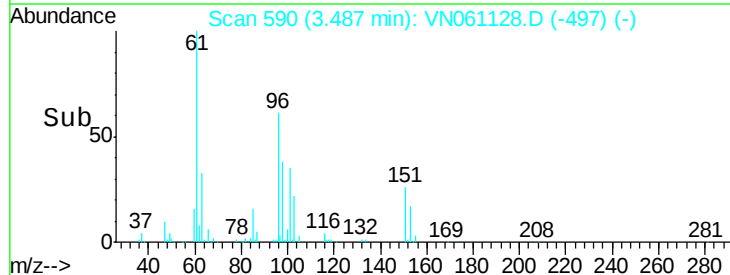
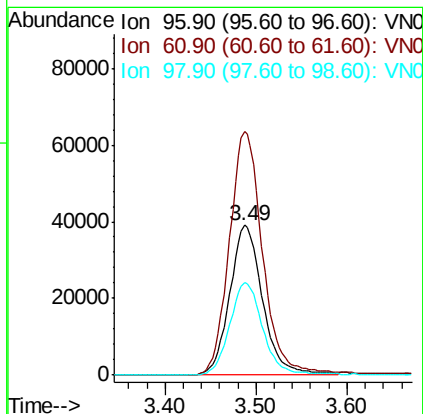
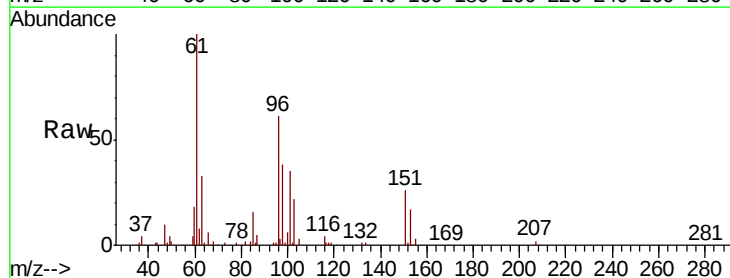
Tot Ion: 59 Resp: 87822
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.2 12.4

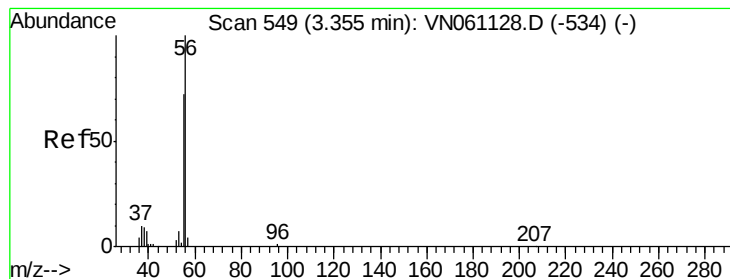


#12

1,1-Dichloroethene
 Concen: 46.202 ug/l
 RT: 3.49 min Scan# 590
 Delta R.T. 0.00 min
 Lab File: VN061128.D
 Acq: 22 Apr 2020 14:21

Tgt Ion: 96 Resp: 96796
 Ion Ratio Lower Upper
 96 100
 61 163.5 130.8 196.2
 98 61.8 49.4 74.2





#13

Acrolein

Concen: 181.192 ug/l

RT: 3.36 min Scan# 549

Delta R.T. 0.00 min

Lab File: VN061128.D

Acq: 22 Apr 2020 14:21

Instrument :

MSVOA_N

ClientSampleId :

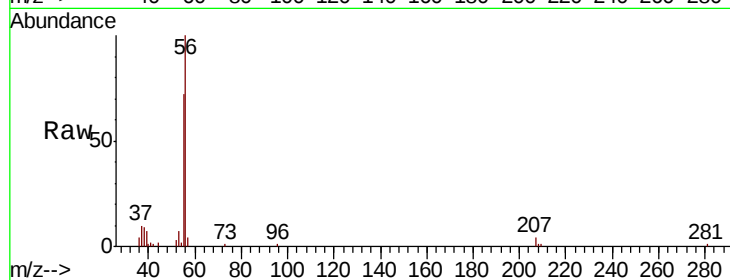
VSTDICCC050

Tot Ion: 56 Resp: 64056

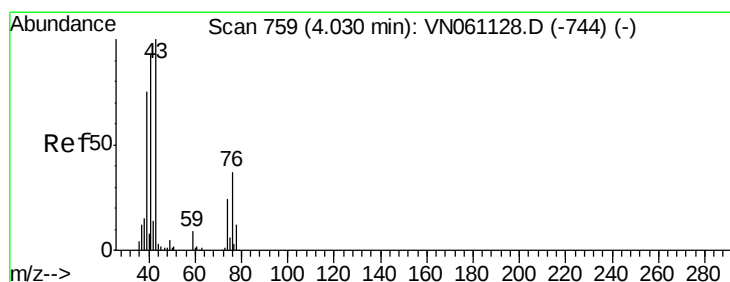
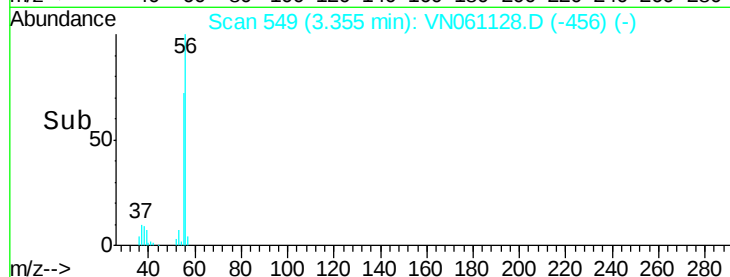
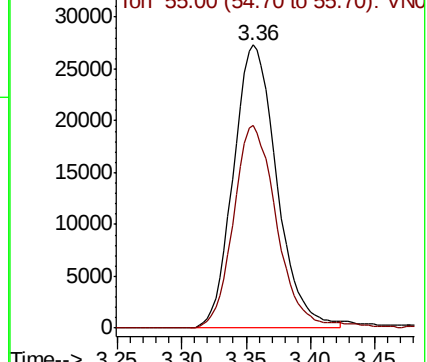
Ion Ratio Lower Upper

56 100

55 71.7 57.4 86.0



Abundance Ion 56.00 (55.70 to 56.70): VN061128.D (-534) (-)



#14

Allyl chloride

Concen: 35.049 ug/l

RT: 4.03 min Scan# 759

Delta R.T. 0.00 min

Lab File: VN061128.D

Acq: 22 Apr 2020 14:21

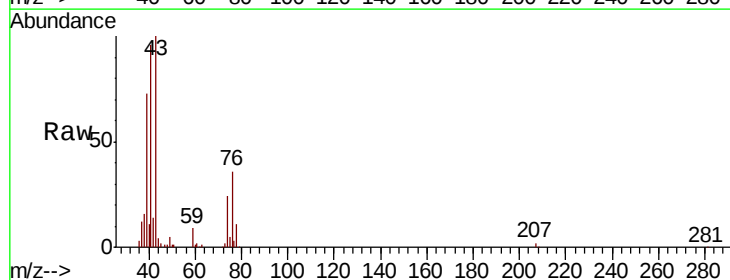
Tgt Ion: 41 Resp: 133840

Ion Ratio Lower Upper

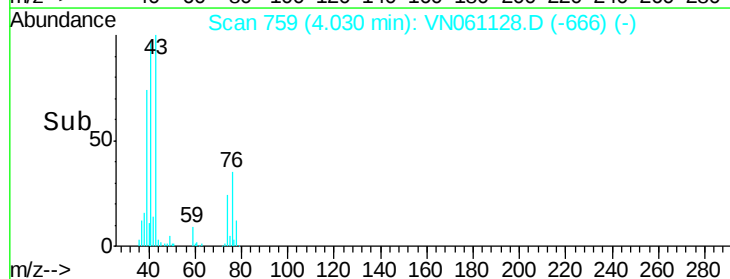
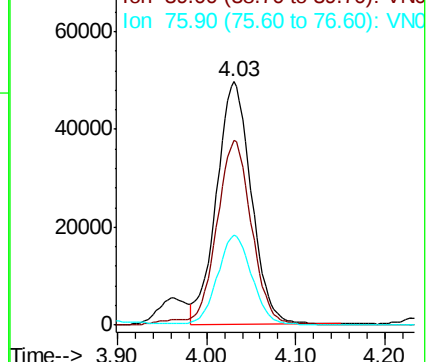
41 100

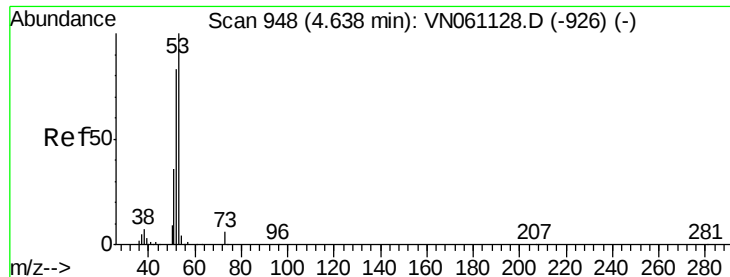
39 76.2 61.0 91.4

76 36.1 28.9 43.3



Abundance Ion 41.00 (40.70 to 41.70): VN061128.D (-744) (-)





#15

Acrylonitrile

Concen: 232.328 ug/l

RT: 4.64 min Scan# 948

Delta R.T. 0.00 min

Lab File: VN061128.D

Acq: 22 Apr 2020 14:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

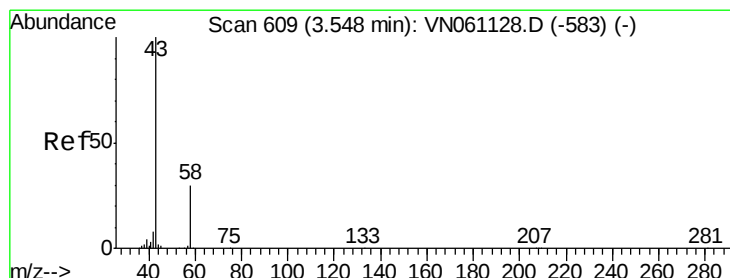
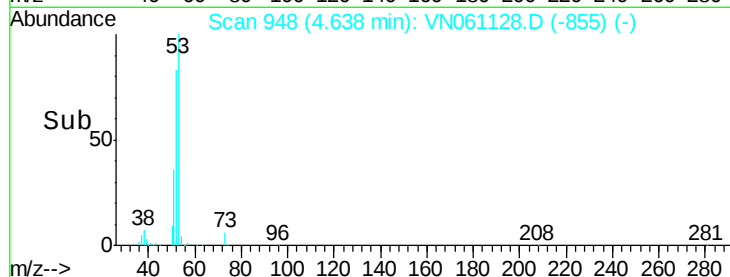
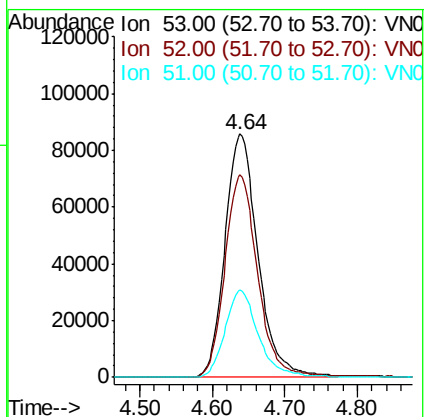
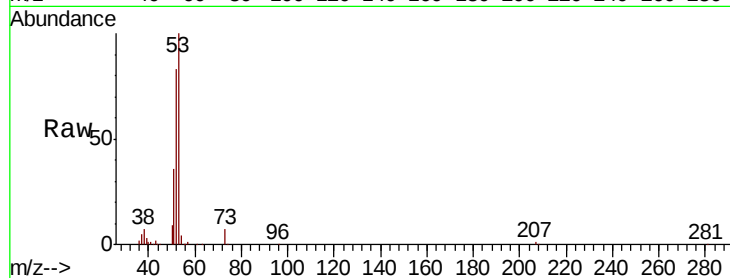
Tot Ion: 53 Resp: 272085

Ion Ratio Lower Upper

53 100

52 82.6 66.1 99.1

51 36.2 29.0 43.4



#16

Acetone

Concen: 220.105 ug/l

RT: 3.55 min Scan# 609

Delta R.T. 0.00 min

Lab File: VN061128.D

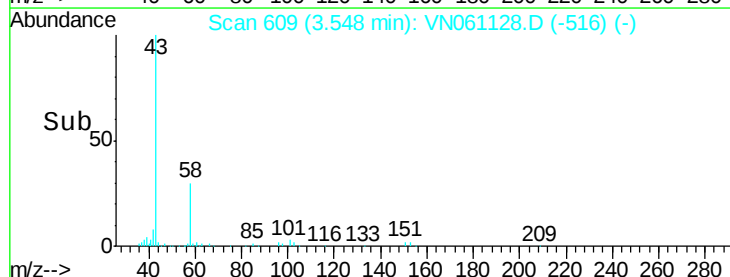
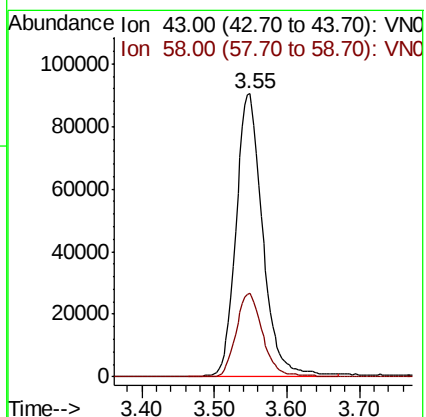
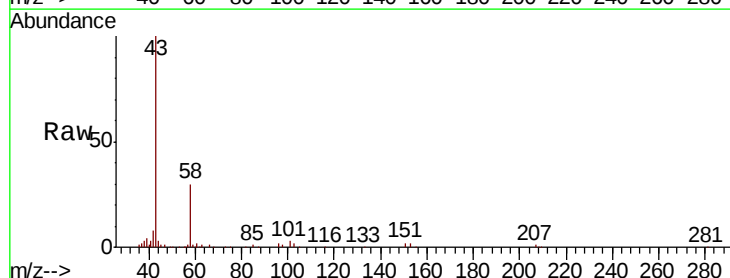
Acq: 22 Apr 2020 14:21

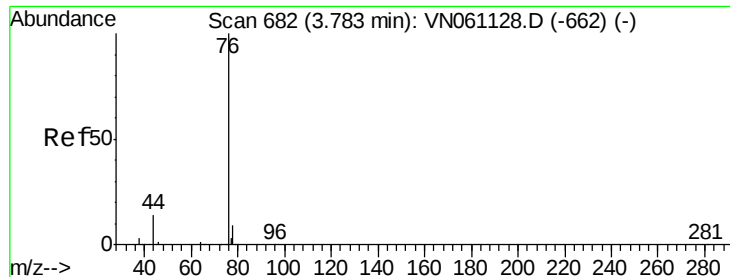
Tgt Ion: 43 Resp: 232627

Ion Ratio Lower Upper

43 100

58 29.5 23.6 35.4

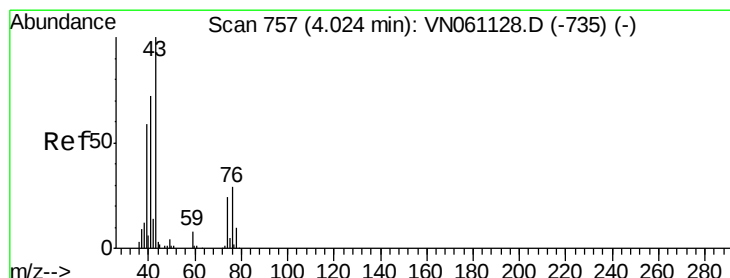
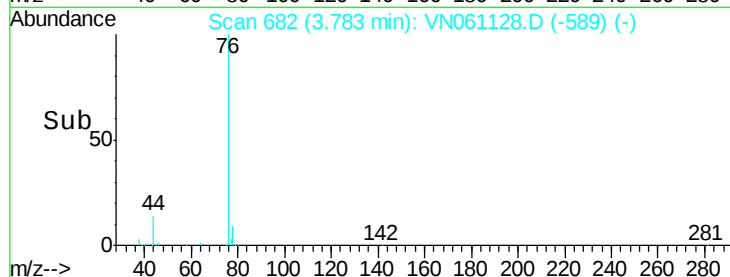
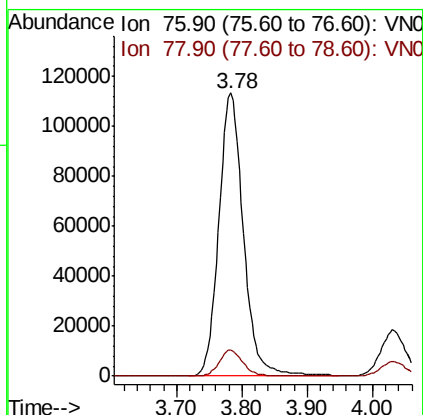
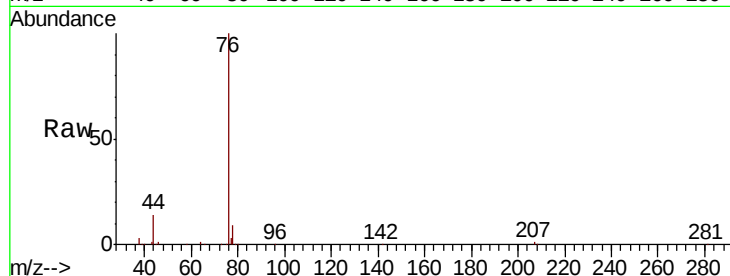




#17
Carbon Disulfide
Concen: 45.343 ug/l
RT: 3.78 min Scan# 682
Delta R.T. 0.00 min
Lab File: VN061128.D
Acq: 22 Apr 2020 14:21

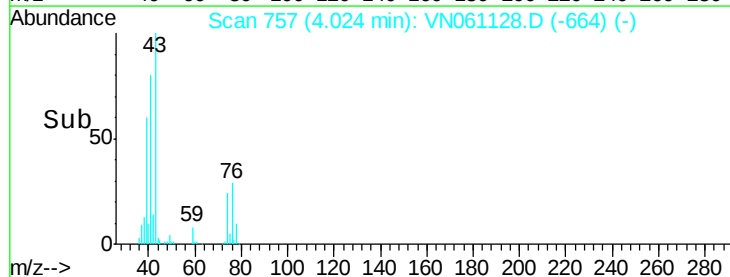
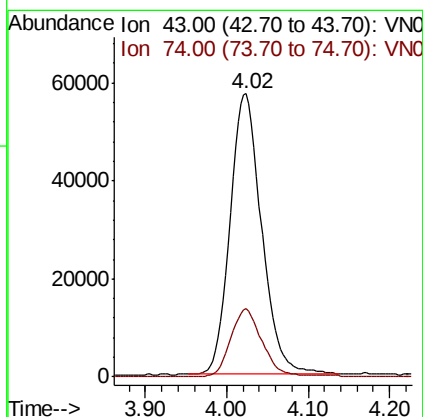
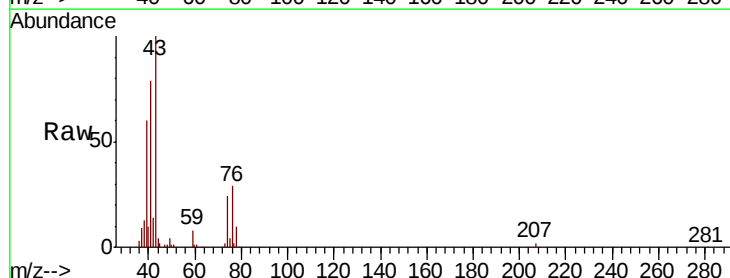
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

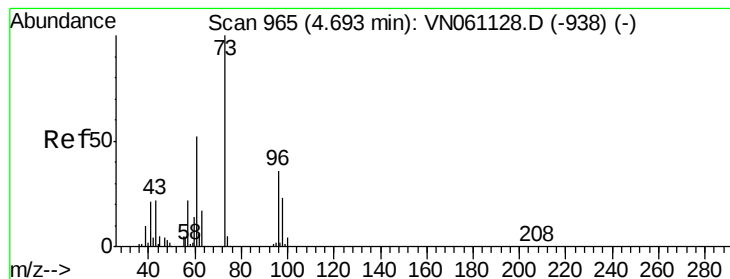
Tot Ion: 76 Resp: 296963
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 46.093 ug/l
RT: 4.02 min Scan# 757
Delta R.T. 0.00 min
Lab File: VN061128.D
Acq: 22 Apr 2020 14:21

Tgt Ion: 43 Resp: 154692
Ion Ratio Lower Upper
43 100
74 24.2 19.4 29.0



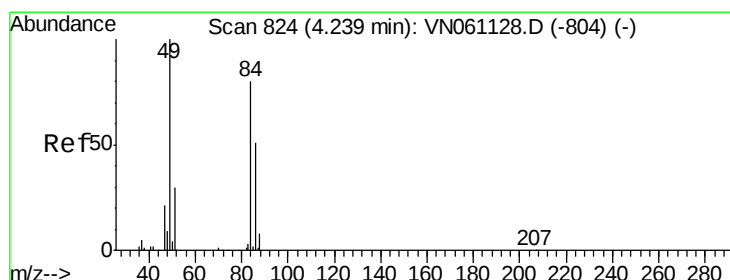
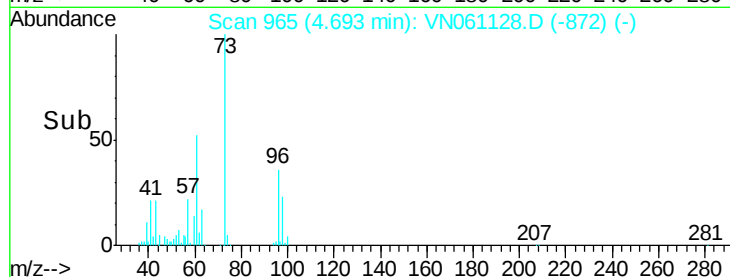
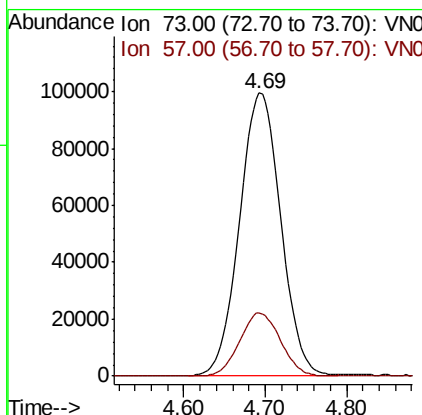
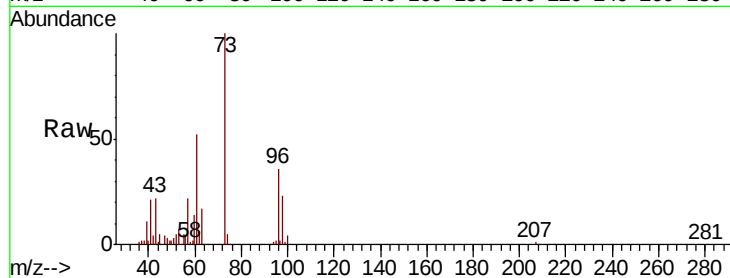


#19

Methyl tert-butyl Ether
 Concen: 47.242 ug/l
 RT: 4.69 min Scan# 965
 Delta R.T. 0.00 min
 Lab File: VN061128.D
 Acq: 22 Apr 2020 14:21

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDICCC050

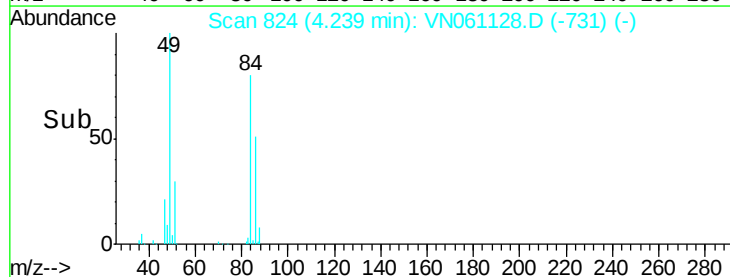
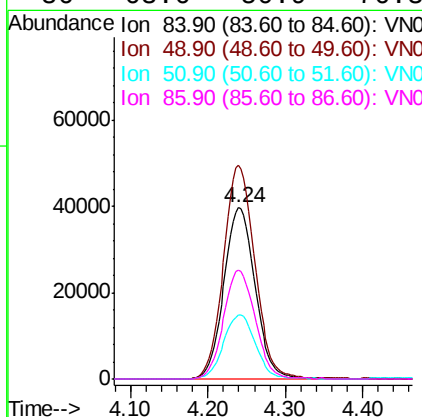
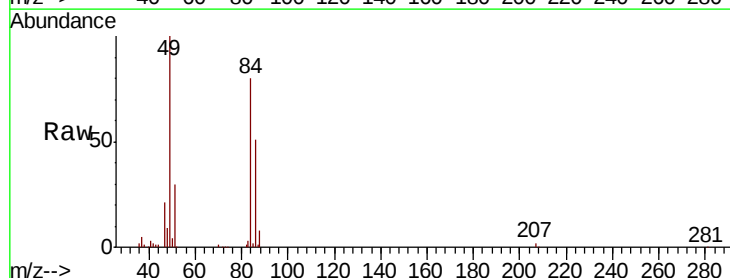
Tot Ion: 73 Resp: 346691
 Ion Ratio Lower Upper
 73 100
 57 22.3 17.8 26.8

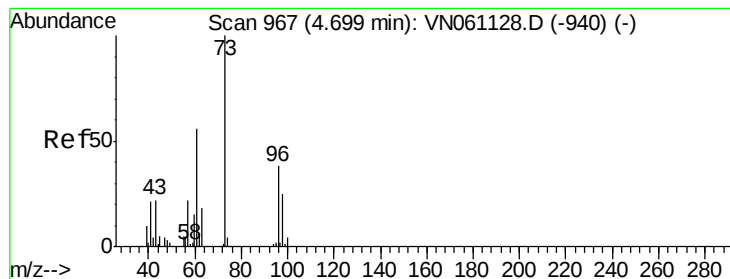


#20

Methylene Chloride
 Concen: 47.187 ug/l
 RT: 4.24 min Scan# 824
 Delta R.T. 0.00 min
 Lab File: VN061128.D
 Acq: 22 Apr 2020 14:21

Tgt Ion: 84 Resp: 111520
 Ion Ratio Lower Upper
 84 100
 49 124.7 99.8 149.6
 51 37.4 29.9 44.9
 86 63.6 50.9 76.3





#21

trans-1,2-Dichloroethene

Concen: 48.859 ug/l

RT: 4.70 min Scan# 967

Delta R.T. 0.00 min

Lab File: VN061128.D

Acq: 22 Apr 2020 14:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

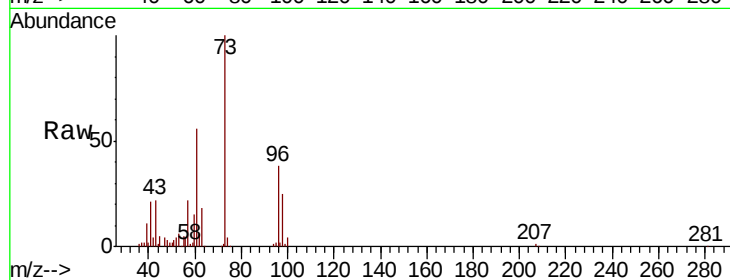
Tot Ion: 96 Resp: 110748

Ion Ratio Lower Upper

96 100

61 145.5 116.4 174.6

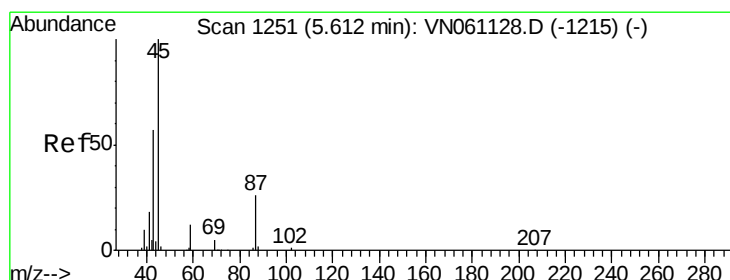
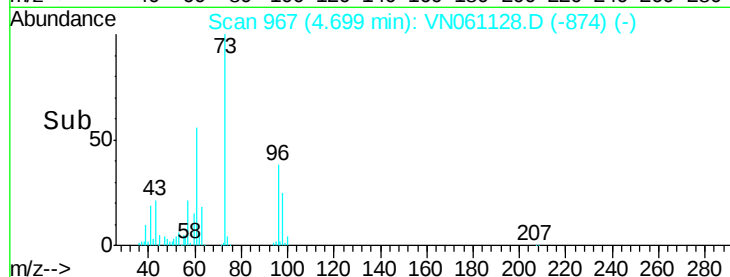
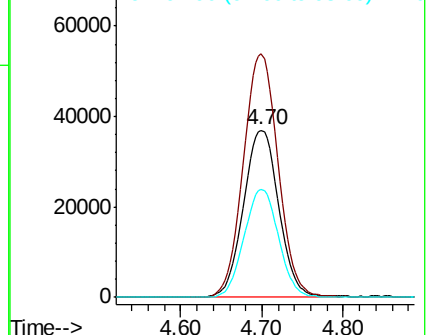
98 64.3 51.4 77.2



Abundance Ion 95.90 (95.60 to 96.60): VN061128.D (-940) (-)

Ion 60.90 (60.60 to 61.60): VN061128.D (-940) (-)

Ion 97.90 (97.60 to 98.60): VN061128.D (-940) (-)



#22

Diisopropyl ether

Concen: 44.606 ug/l

RT: 5.61 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VN061128.D

Acq: 22 Apr 2020 14:21

Tgt Ion: 45 Resp: 364529

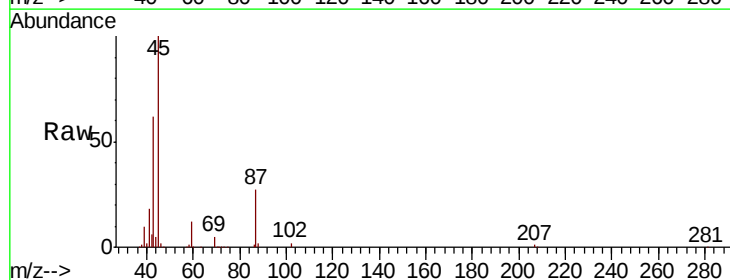
Ion Ratio Lower Upper

45 100

43 60.5 48.4 72.6

87 26.7 21.4 32.0

59 11.8 9.4 14.2

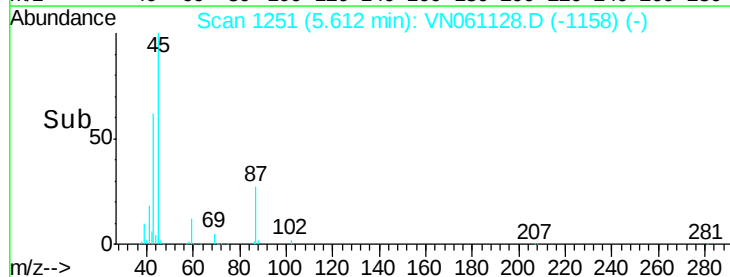
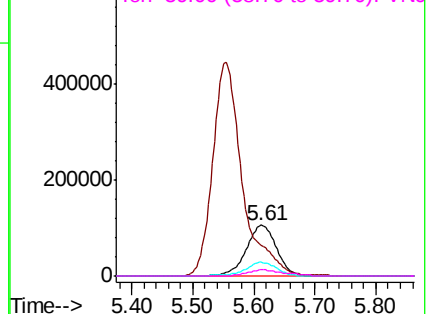


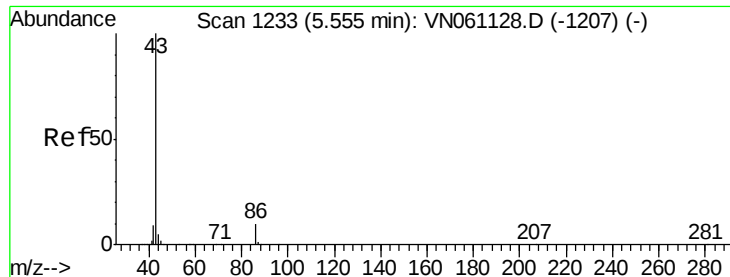
Abundance Ion 45.00 (44.70 to 45.70): VN061128.D (-1215) (-)

Ion 43.00 (42.70 to 43.70): VN061128.D (-1215) (-)

Ion 87.00 (86.70 to 87.70): VN061128.D (-1215) (-)

Ion 59.00 (58.70 to 59.70): VN061128.D (-1215) (-)

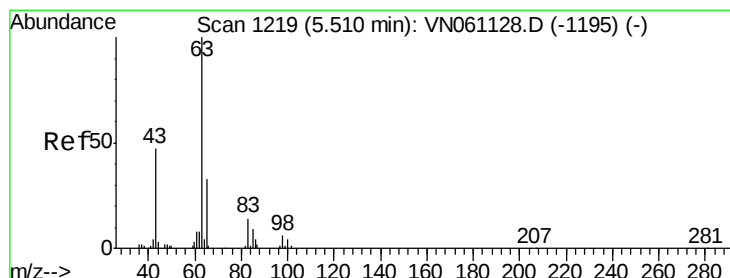
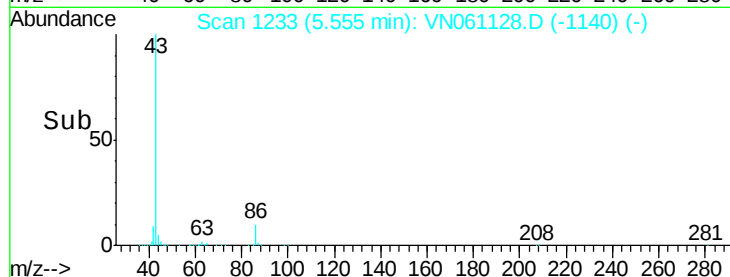
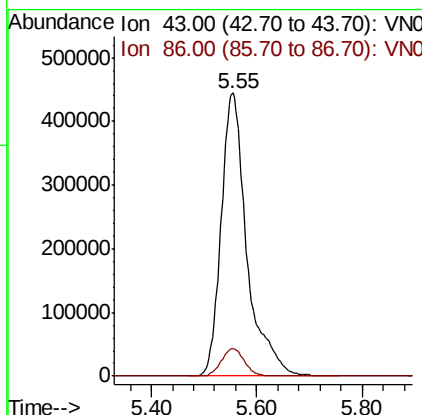
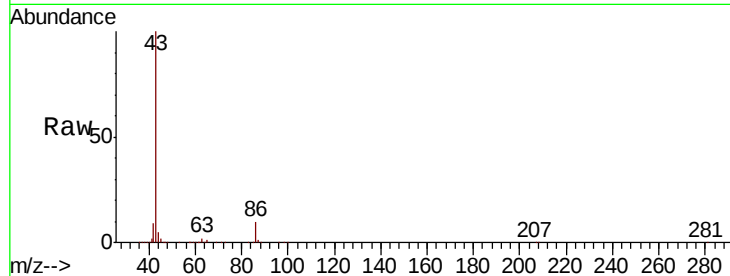




#23
 Vinyl Acetate
 Concen: 233.448 ug/l
 RT: 5.55 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: VN061128.D
 Acq: 22 Apr 2020 14:21

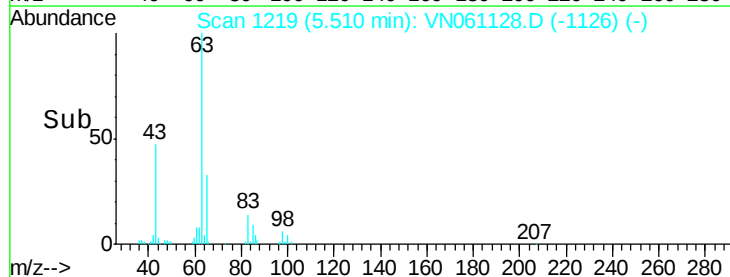
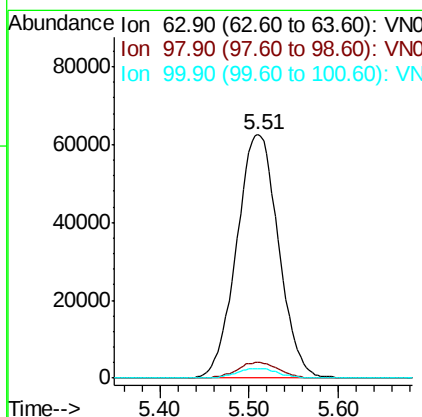
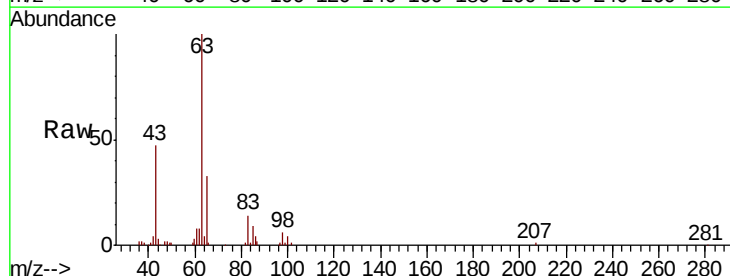
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

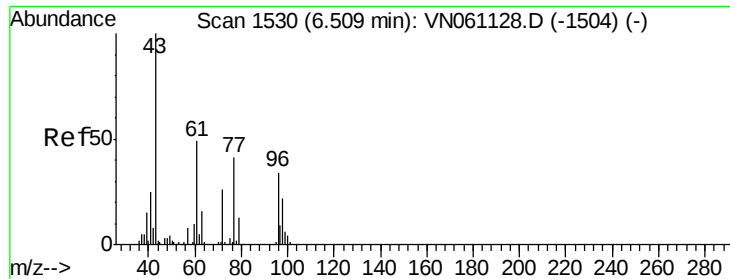
Tot Ion: 43 Resp: 1503828
 Ion Ratio Lower Upper
 43 100
 86 9.8 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 45.844 ug/l
 RT: 5.51 min Scan# 1219
 Delta R.T. 0.00 min
 Lab File: VN061128.D
 Acq: 22 Apr 2020 14:21

Tgt Ion: 63 Resp: 203495
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.3 9.8
 100 4.0 2.0 6.0





#25

2-Butanone

Concen: 227.865 ug/l

RT: 6.51 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VN061128.D

Acq: 22 Apr 2020 14:21

Instrument :

MSVOA_N

ClientSampleId :

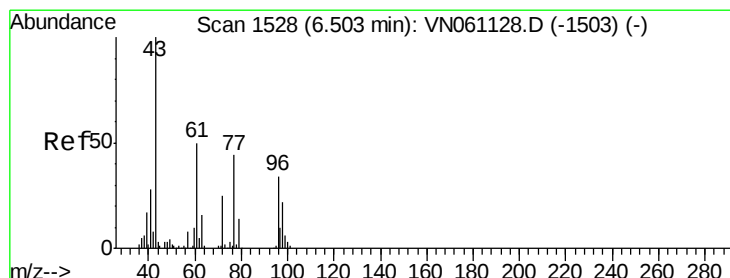
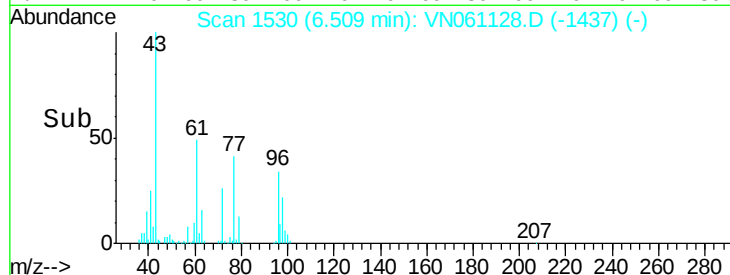
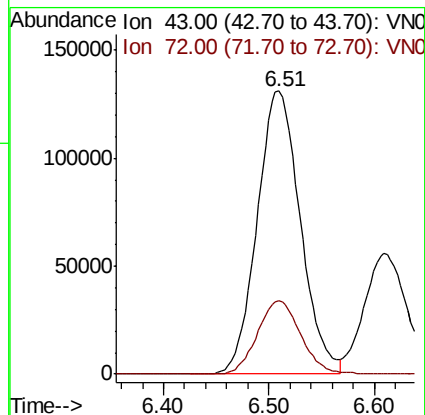
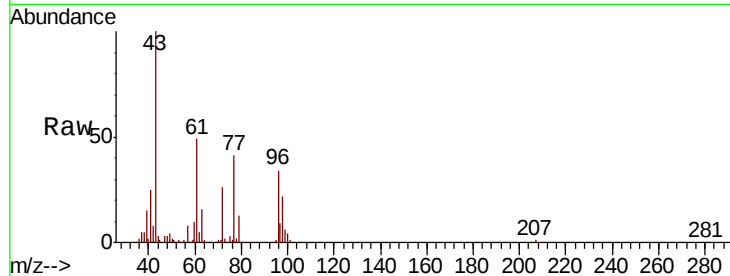
VSTDICCC050

Tot Ion: 43 Resp: 372969

Ion Ratio Lower Upper

43 100

72 26.0 20.8 31.2



#26

2,2-Dichloropropane

Concen: 48.262 ug/l

RT: 6.50 min Scan# 1528

Delta R.T. 0.00 min

Lab File: VN061128.D

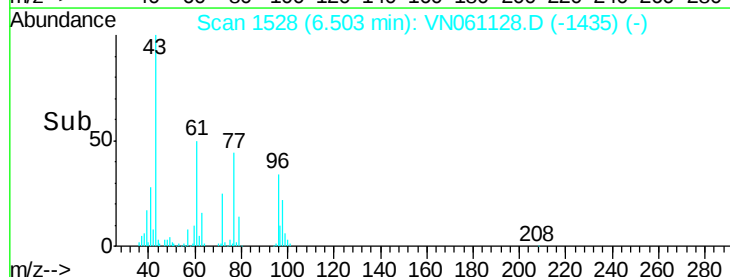
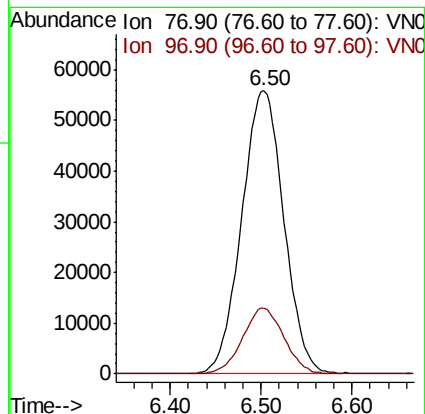
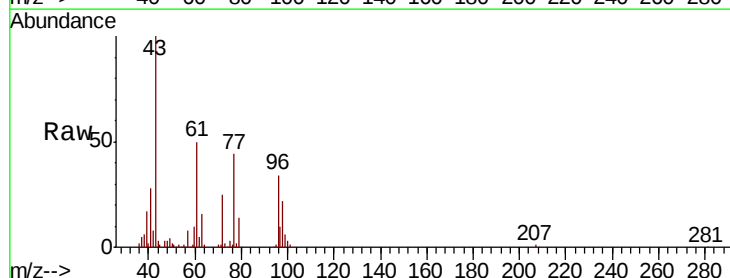
Acq: 22 Apr 2020 14:21

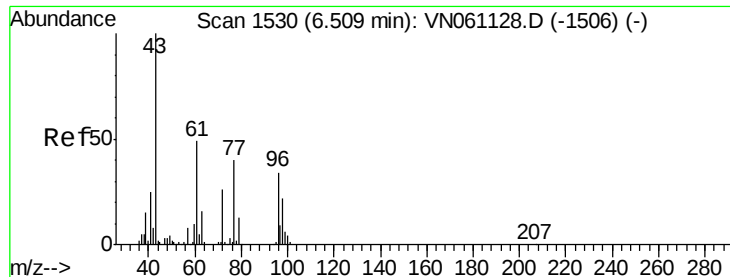
Tgt Ion: 77 Resp: 179679

Ion Ratio Lower Upper

77 100

97 22.7 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 48.377 ug/l

RT: 6.51 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VN061128.D

Acq: 22 Apr 2020 14:21

Instrument :

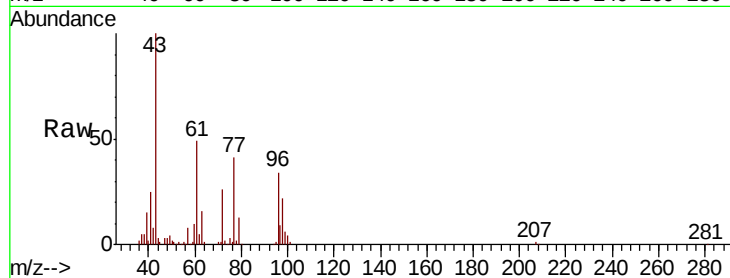
MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion: 96 Resp: 125533

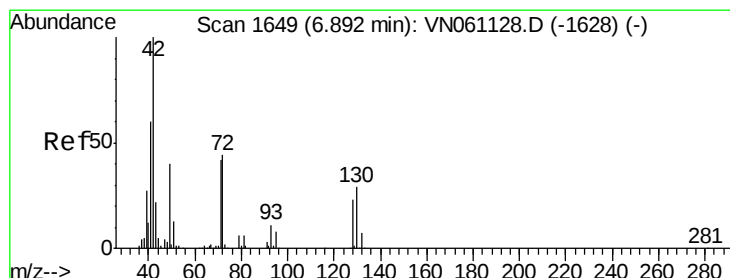
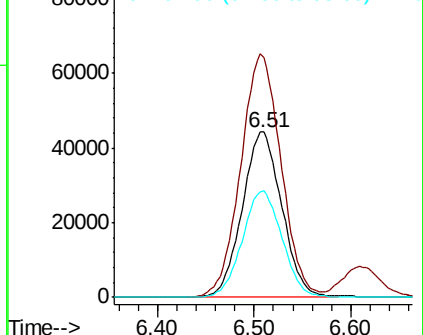
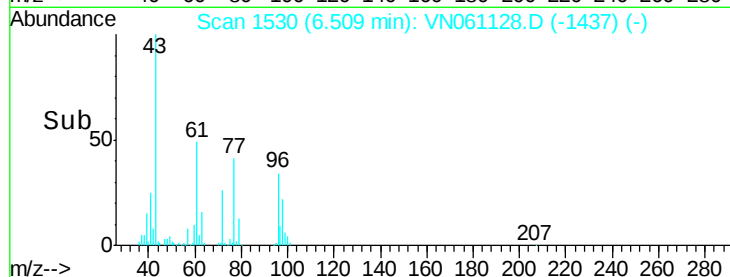
Ion	Ratio	Lower	Upper
96	100		
61	150.2	0.0	300.4
98	64.8	0.0	129.6



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



#28

Bromochloromethane

Concen: 42.883 ug/l

RT: 6.89 min Scan# 1649

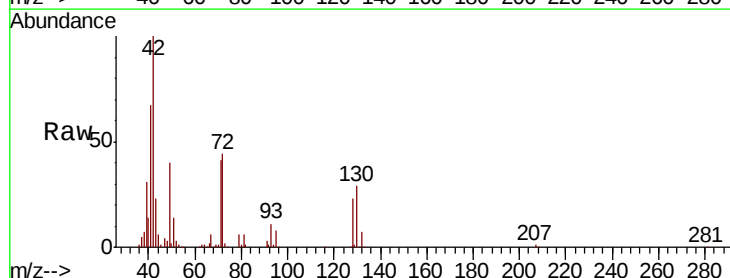
Delta R.T. 0.00 min

Lab File: VN061128.D

Acq: 22 Apr 2020 14:21

Tgt Ion: 49 Resp: 86021

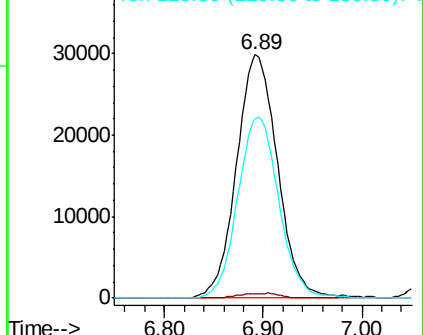
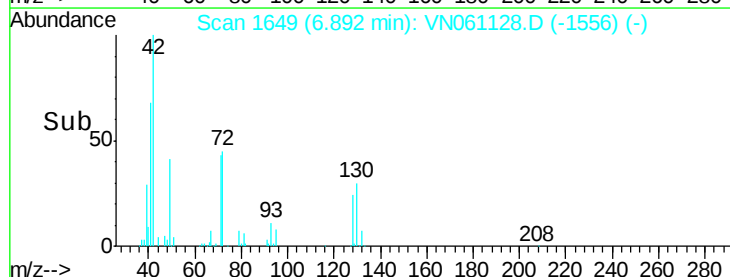
Ion	Ratio	Lower	Upper
49	100		
129	1.1	0.0	2.2
130	74.6	59.7	89.5

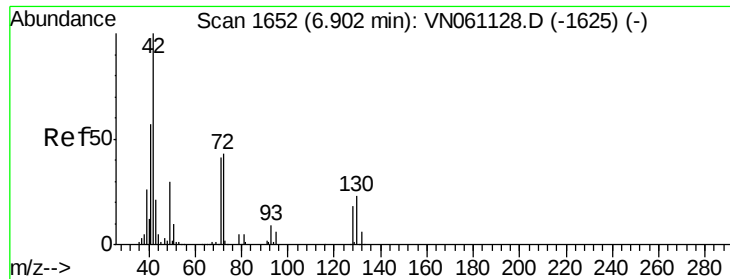


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

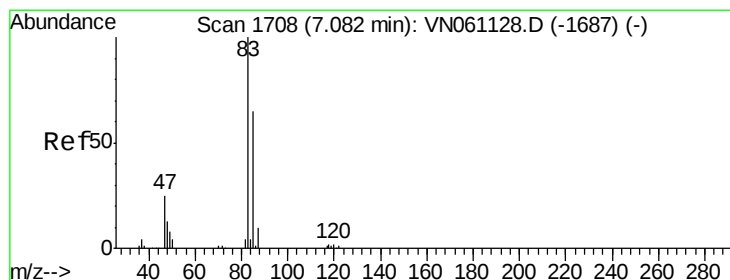
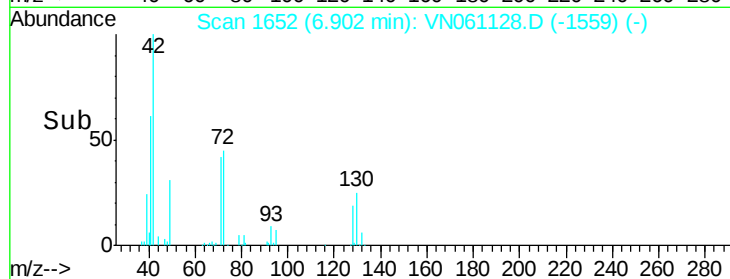
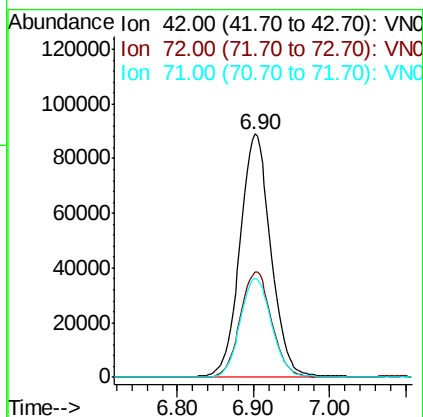
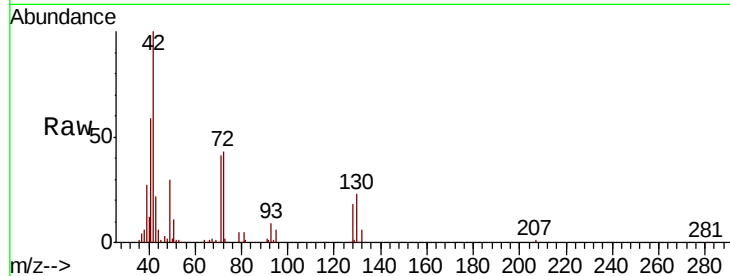




#29
Tetrahydrofuran
Concen: 226.430 ug/l
RT: 6.90 min Scan# 1652
Delta R.T. 0.00 min
Lab File: VN061128.D
Acq: 22 Apr 2020 14:21

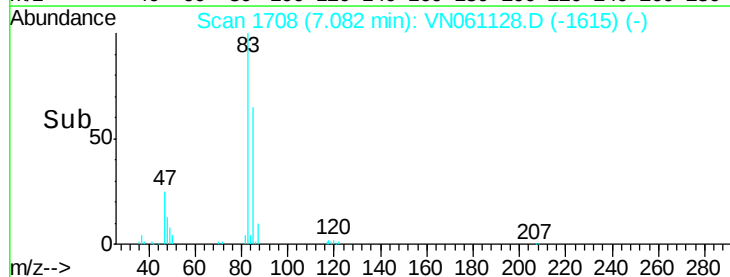
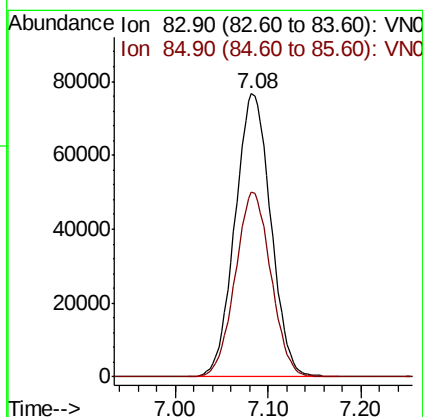
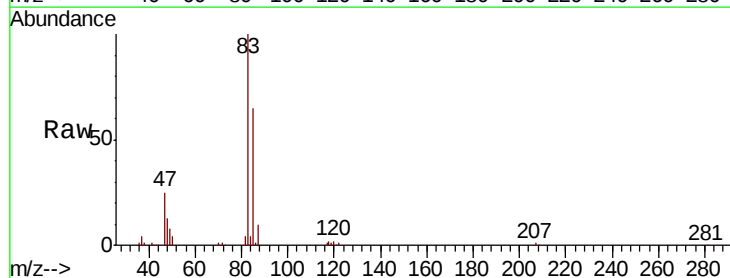
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

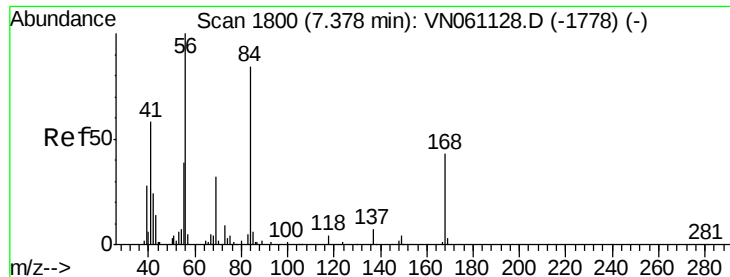
Tot Ion: 42 Resp: 252318
Ion Ratio Lower Upper
42 100
72 43.9 35.1 52.7
71 41.3 33.0 49.6



#30
Chloroform
Concen: 49.012 ug/l
RT: 7.08 min Scan# 1708
Delta R.T. 0.00 min
Lab File: VN061128.D
Acq: 22 Apr 2020 14:21

Tgt Ion: 83 Resp: 205355
Ion Ratio Lower Upper
83 100
85 65.3 52.2 78.4

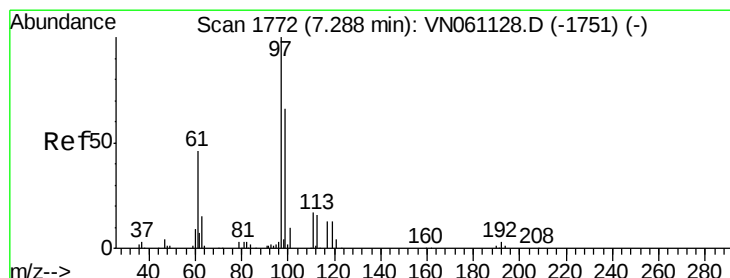
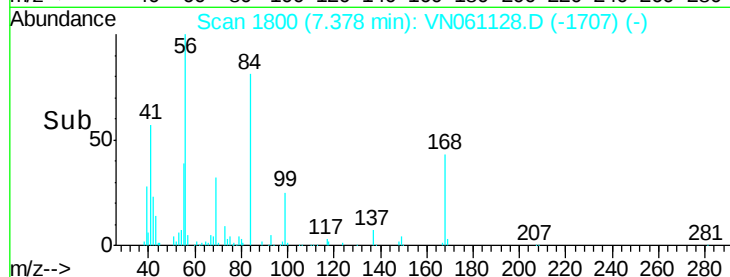
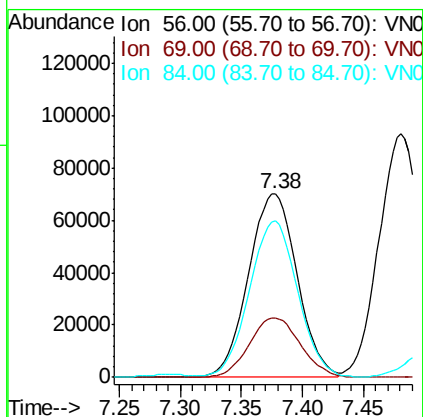
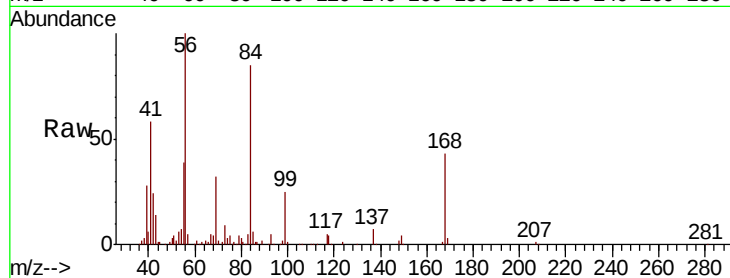




#31
Cyclohexane
Concen: 42.984 ug/l
RT: 7.38 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VN061128.D
Acq: 22 Apr 2020 14:21

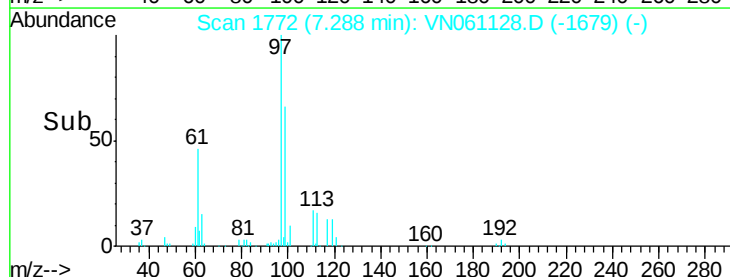
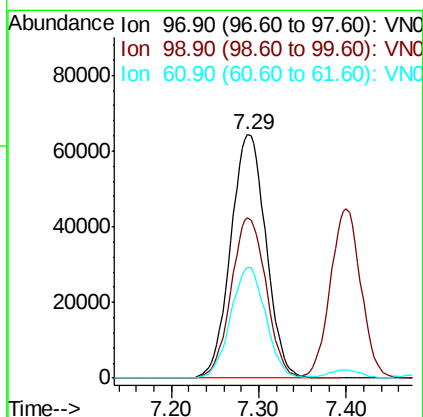
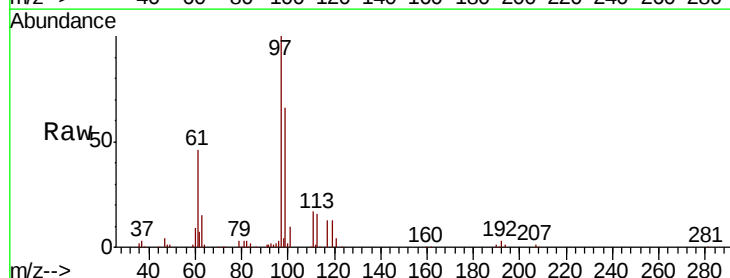
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

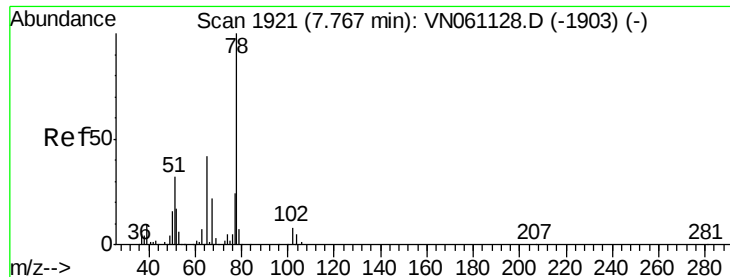
Tot Ion: 56 Resp: 194464
Ion Ratio Lower Upper
56 100
69 32.4 25.9 38.9
84 84.2 67.4 101.0



#32
1,1,1-Trichloroethane
Concen: 49.614 ug/l
RT: 7.29 min Scan# 1772
Delta R.T. 0.00 min
Lab File: VN061128.D
Acq: 22 Apr 2020 14:21

Tgt Ion: 97 Resp: 180341
Ion Ratio Lower Upper
97 100
99 65.0 52.0 78.0
61 44.9 35.9 53.9

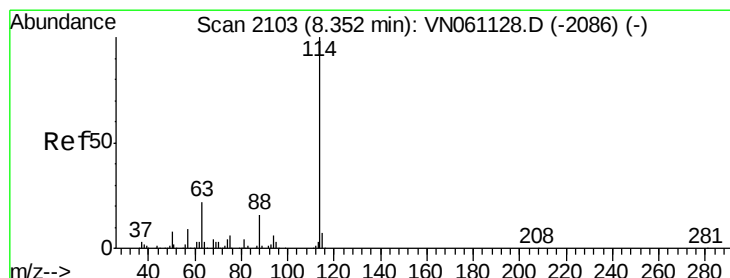
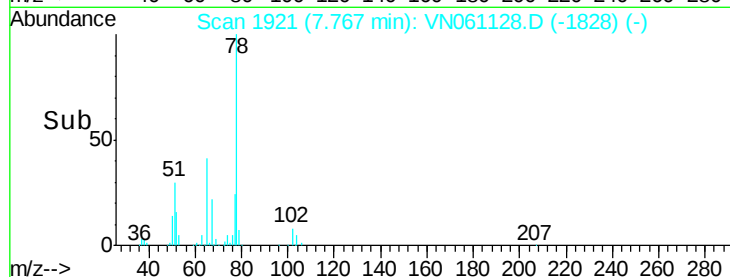
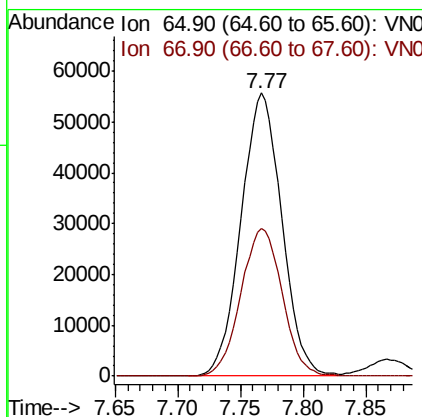
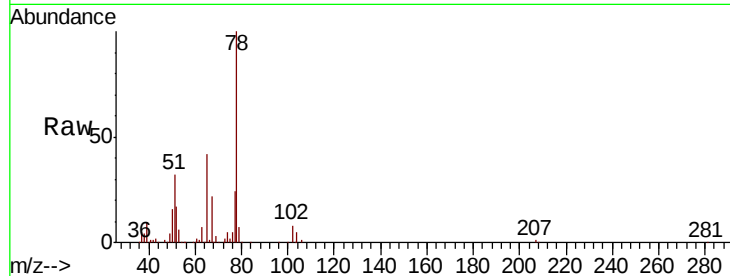




#33
 1,2-Dichloroethane-d4
 Concen: 50.102 ug/l
 RT: 7.77 min Scan# 1921
 Delta R.T. 0.00 min
 Lab File: VN061128.D
 Acq: 22 Apr 2020 14:21

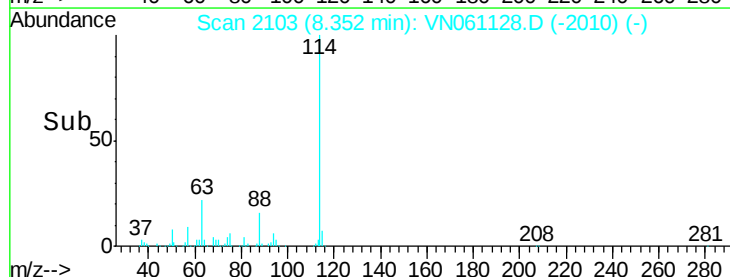
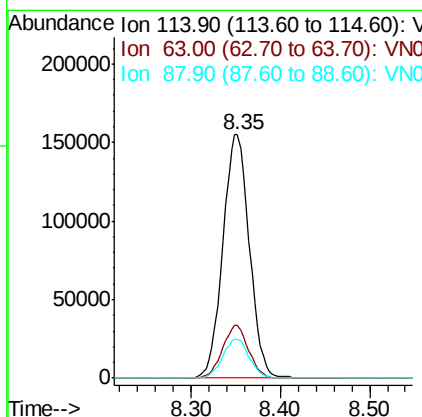
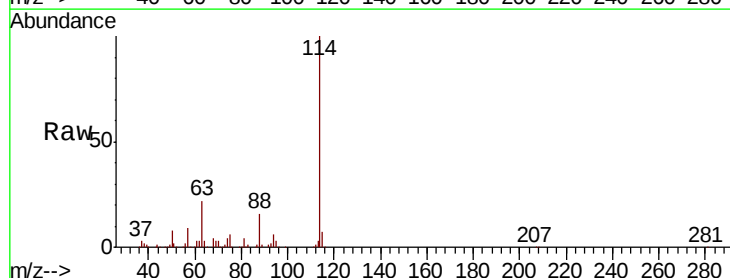
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

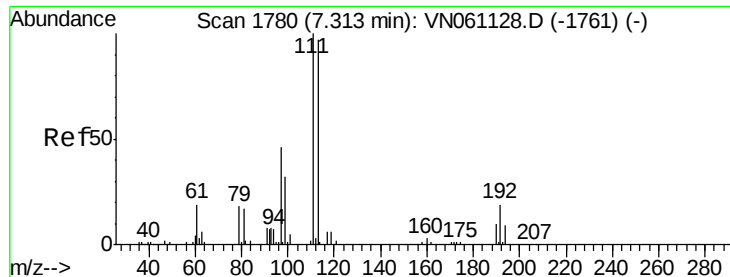
Tot Ion: 65 Resp: 126218
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.35 min Scan# 2103
 Delta R.T. 0.00 min
 Lab File: VN061128.D
 Acq: 22 Apr 2020 14:21

Tgt Ion: 114 Resp: 318282
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 43.2
 88 16.2 0.0 32.4

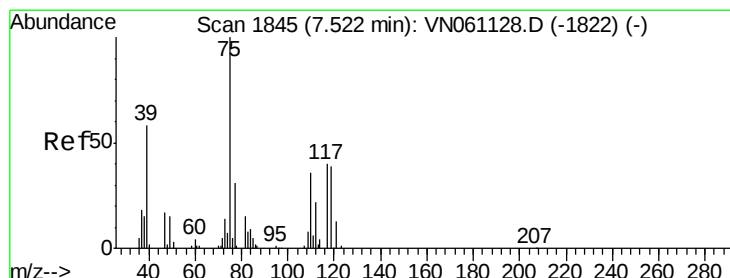
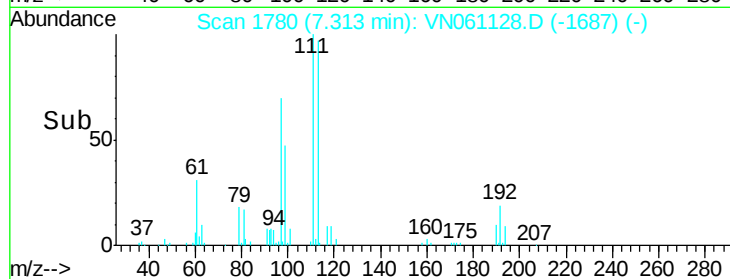
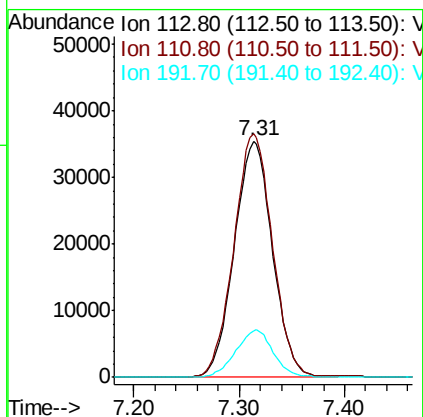
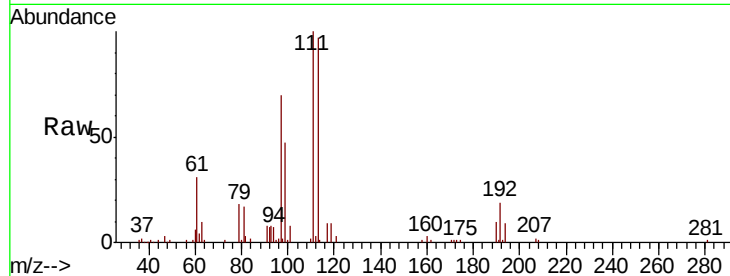




#35
 Dibromofluoromethane
 Concen: 48.091 ug/l
 RT: 7.31 min Scan# 1780
 Delta R.T. 0.00 min
 Lab File: VN061128.D
 Acq: 22 Apr 2020 14:21

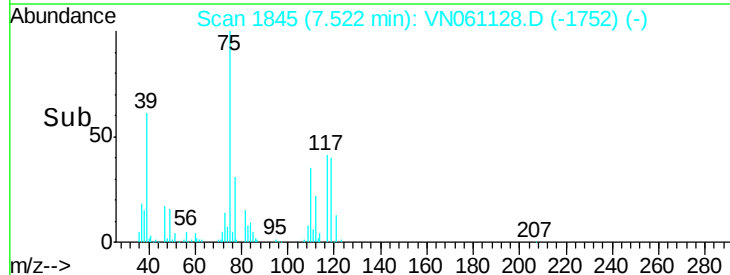
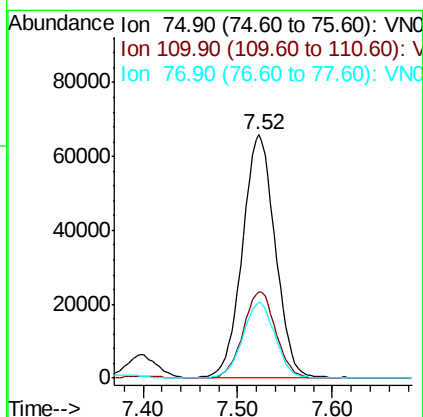
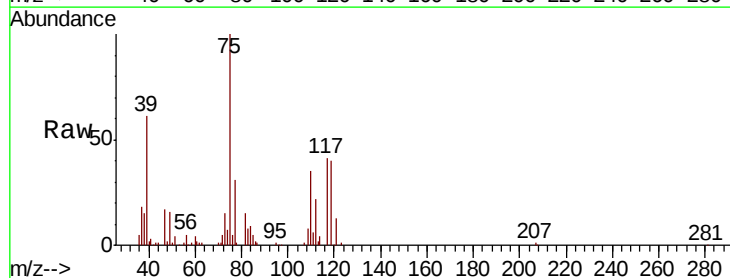
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

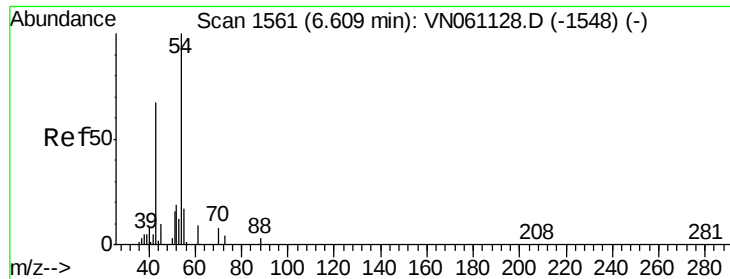
Tot Ion:113 Resp: 89359
 Ion Ratio Lower Upper
 113 100
 111 103.8 83.0 124.6
 192 19.7 15.8 23.6



#36
 1,1-Dichloropropene
 Concen: 48.420 ug/l
 RT: 7.52 min Scan# 1845
 Delta R.T. 0.00 min
 Lab File: VN061128.D
 Acq: 22 Apr 2020 14:21

Tgt Ion: 75 Resp: 157830
 Ion Ratio Lower Upper
 75 100
 110 35.4 17.7 53.1
 77 31.0 24.8 37.2

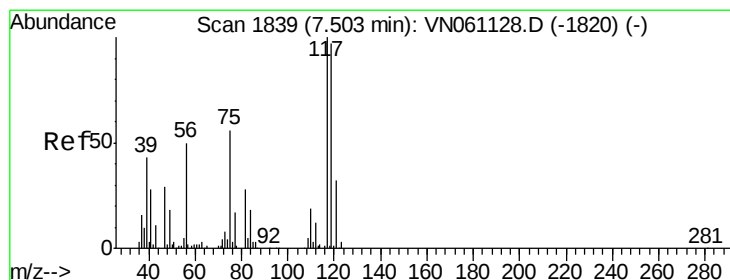
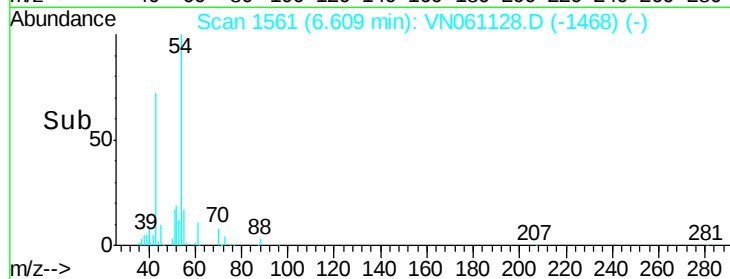
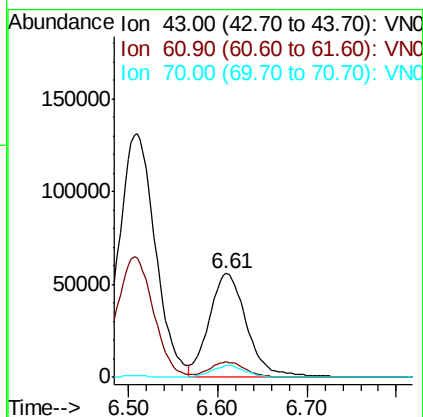
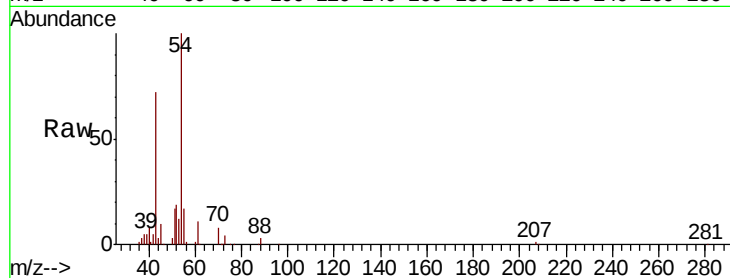




#37
Ethyl Acetate
Concen: 45.760 ug/l
RT: 6.61 min Scan# 1561
Delta R.T. 0.00 min
Lab File: VN061128.D
Acq: 22 Apr 2020 14:21

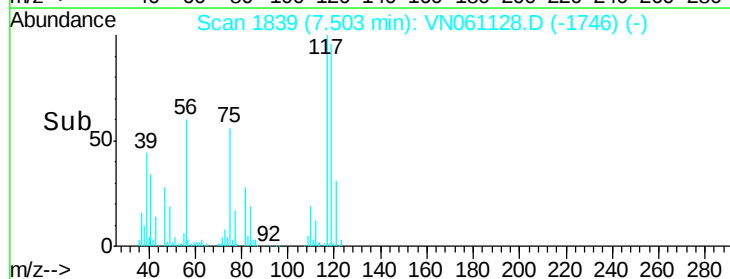
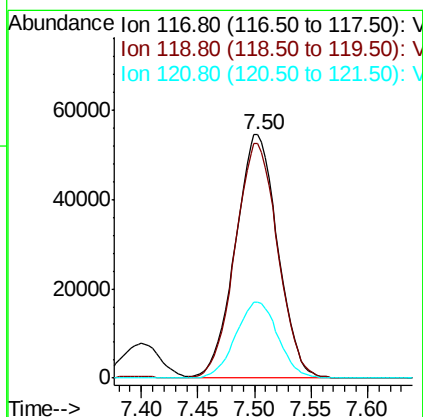
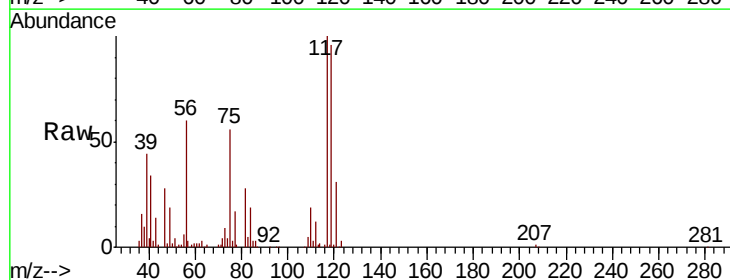
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

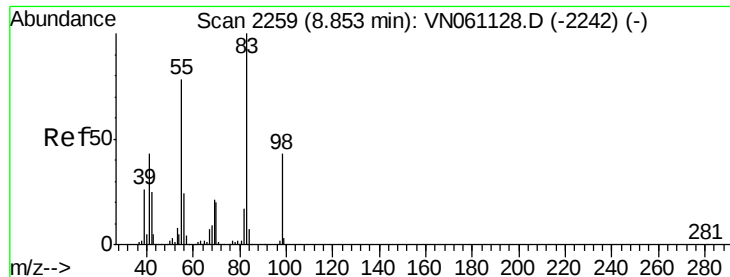
Tot Ion: 43 Resp: 160670
Ion Ratio Lower Upper
43 100
61 14.2 11.4 17.0
70 10.3 8.2 12.4



#38
Carbon Tetrachloride
Concen: 52.033 ug/l
RT: 7.50 min Scan# 1839
Delta R.T. 0.00 min
Lab File: VN061128.D
Acq: 22 Apr 2020 14:21

Tgt Ion: 117 Resp: 141752
Ion Ratio Lower Upper
117 100
119 96.1 76.9 115.3
121 31.3 25.0 37.6

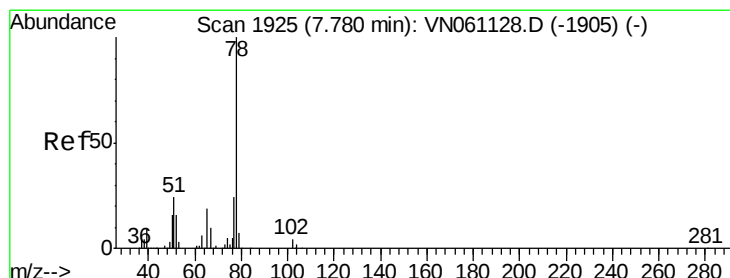
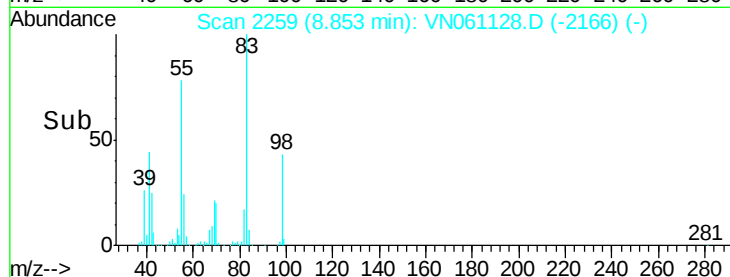
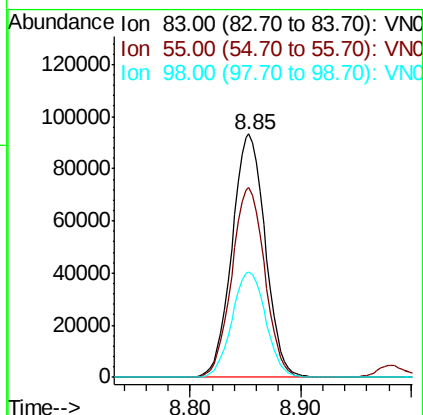
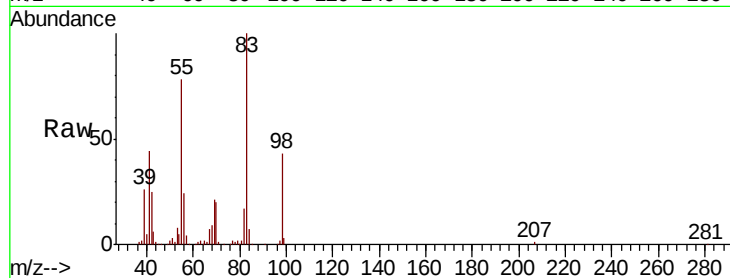




#39
Methvlcvclohexane
Concen: 49.787 ug/l
RT: 8.85 min Scan# 2259
Delta R.T. 0.00 min
Lab File: VN061128.D
Acq: 22 Apr 2020 14:21

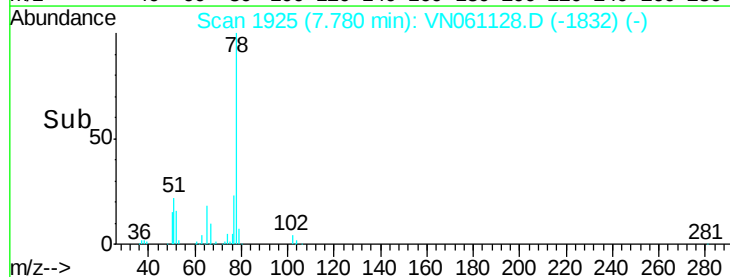
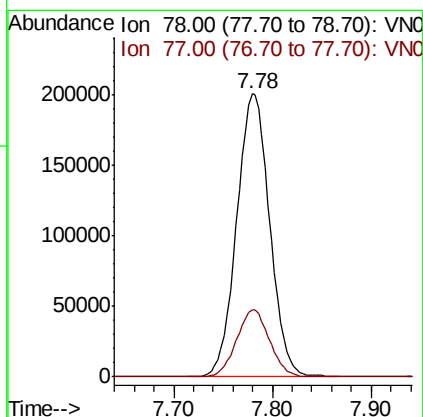
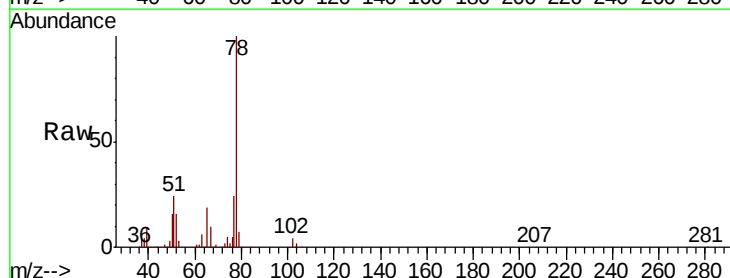
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

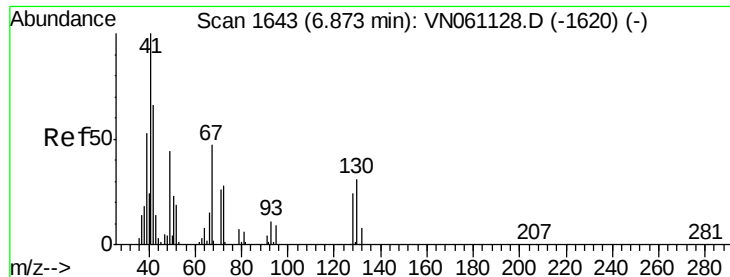
Tot Ion: 83 Resp: 194513
Ion Ratio Lower Upper
83 100
55 77.8 62.2 93.4
98 43.4 34.7 52.1



#40
Benzene
Concen: 48.129 ug/l
RT: 7.78 min Scan# 1925
Delta R.T. 0.00 min
Lab File: VN061128.D
Acq: 22 Apr 2020 14:21

Tgt Ion: 78 Resp: 465406
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.6

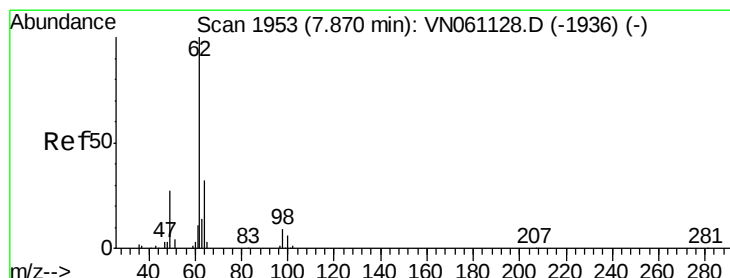
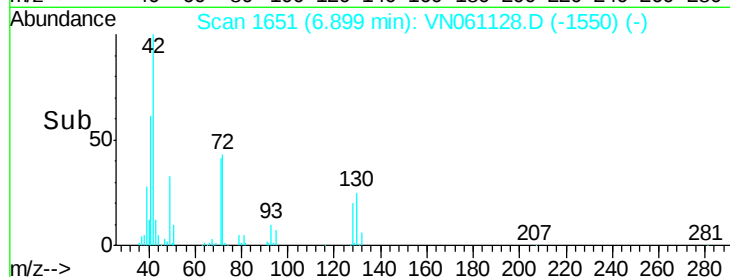
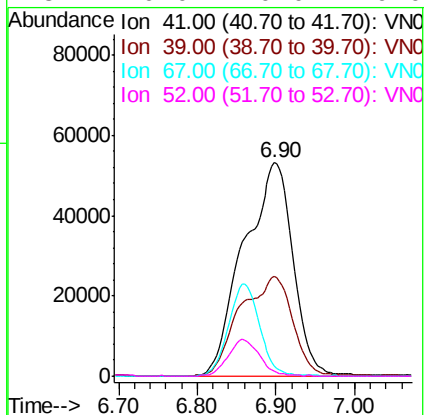
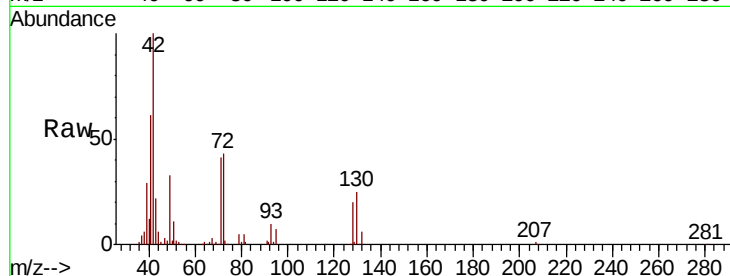




#41
Methacrylonitrile
Concen: 156.291 ug/l
RT: 6.90 min Scan# 1651
Delta R.T. 0.03 min
Lab File: VN061128.D
Acq: 22 Apr 2020 14:21

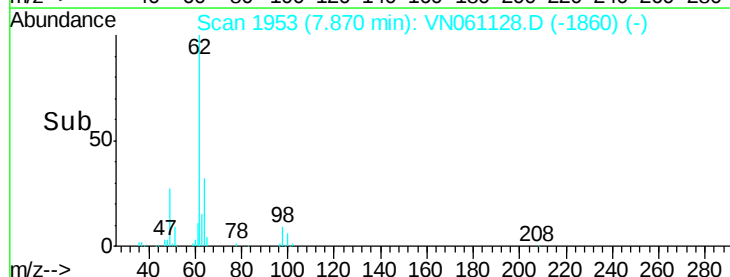
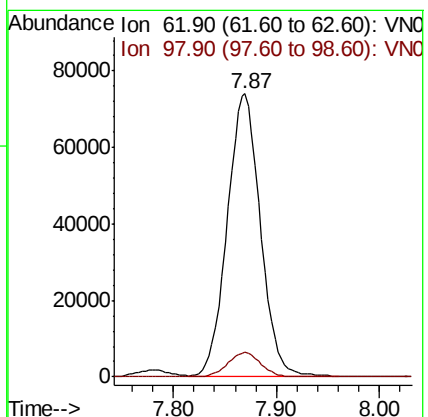
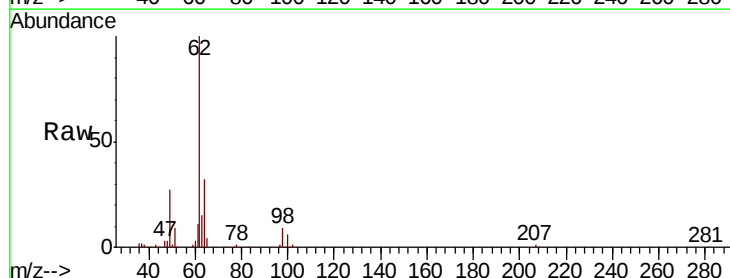
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

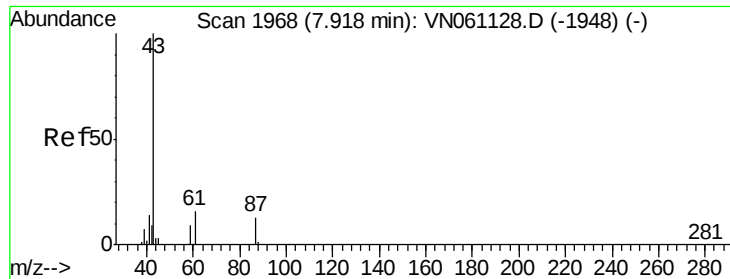
Tot Ion:	41	Resp:	232564
Ion	Ratio	Lower	Upper
41	100		
39	49.9	119.4	179.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 49.831 ug/l
RT: 7.87 min Scan# 1953
Delta R.T. 0.00 min
Lab File: VN061128.D
Acq: 22 Apr 2020 14:21

Tgt Ion:	62	Resp:	164958
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.0





#43

Isopropyl Acetate

Concen: 47.300 ug/l

RT: 7.92 min Scan# 1968

Delta R.T. 0.00 min

Lab File: VN061128.D

Acq: 22 Apr 2020 14:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

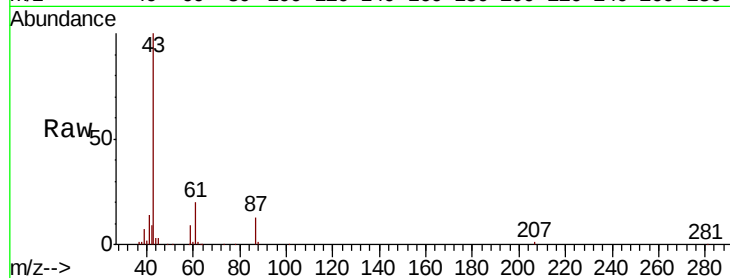
Tot Ion: 43 Resp: 270643

Ion Ratio Lower Upper

43 100

61 19.4 15.5 23.3

87 12.8 10.2 15.4

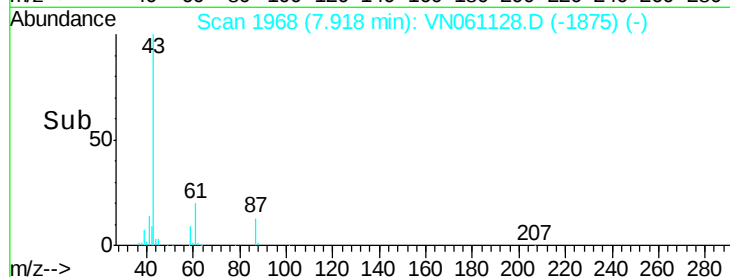


Abundance Ion 43.00 (42.70 to 43.70): VN061128.D (-1948) (-)

Ion 61.00 (60.70 to 61.70): VN061128.D (-1948) (-)

Ion 87.00 (86.70 to 87.70): VN061128.D (-1948) (-)

Time-->



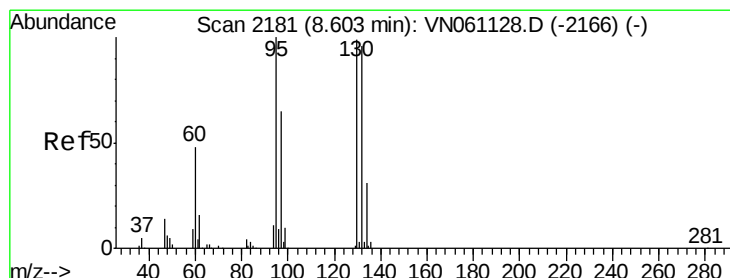
Abundance

Ion 43.00 (42.70 to 43.70): VN061128.D (-1875) (-)

Ion 61.00 (60.70 to 61.70): VN061128.D (-1875) (-)

Ion 87.00 (86.70 to 87.70): VN061128.D (-1875) (-)

Time-->



#44

Trichloroethene

Concen: 53.703 ug/l

RT: 8.60 min Scan# 2181

Delta R.T. 0.00 min

Lab File: VN061128.D

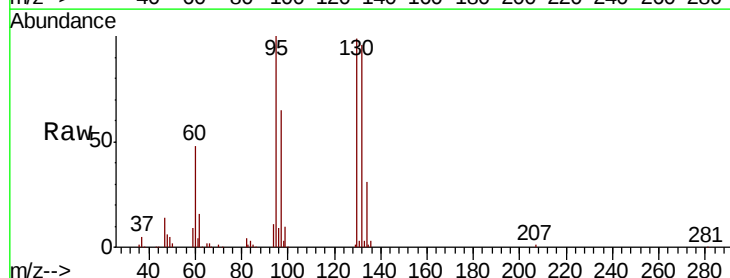
Acq: 22 Apr 2020 14:21

Tgt Ion: 130 Resp: 133769

Ion Ratio Lower Upper

130 100

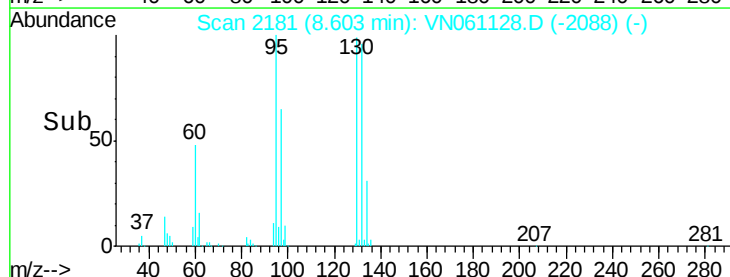
95 101.3 0.0 202.6



Abundance Ion 129.80 (129.50 to 130.50): VN061128.D (-2166) (-)

Ion 94.90 (94.60 to 95.60): VN061128.D (-2166) (-)

Time-->

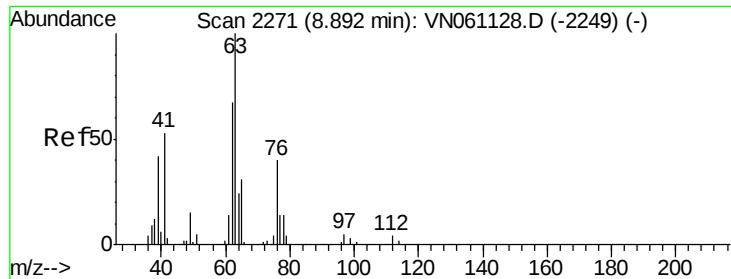


Abundance

Ion 129.80 (129.50 to 130.50): VN061128.D (-2088) (-)

Ion 94.90 (94.60 to 95.60): VN061128.D (-2088) (-)

Time-->



#45

1,2-Dichloropropane

Concen: 46.910 ug/l

RT: 8.89 min Scan# 2271

Delta R.T. 0.00 min

Lab File: VN061128.D

Acq: 22 Apr 2020 14:21

Instrument :

MSVOA_N

ClientSampleId :

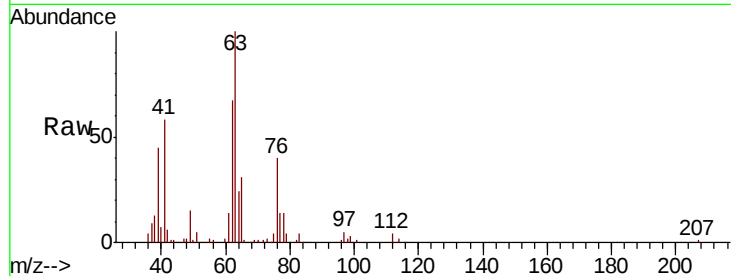
VSTDICCC050

Tot Ion: 63 Resp: 122065

Ion Ratio Lower Upper

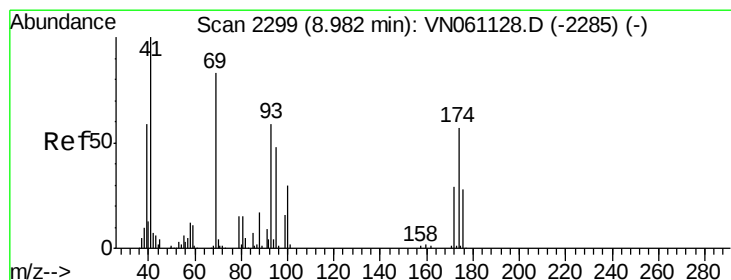
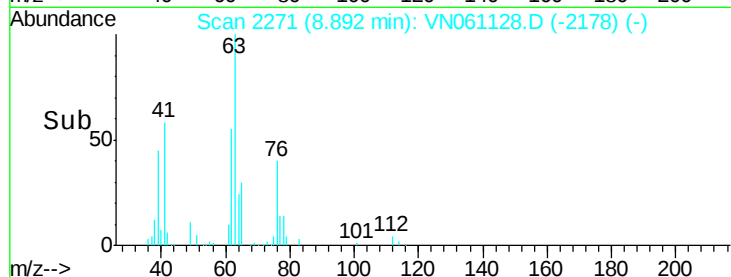
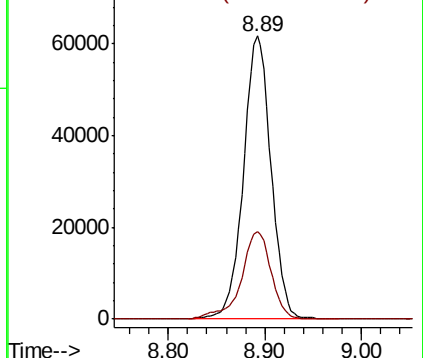
63 100

65 30.9 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 52.926 ug/l

RT: 8.98 min Scan# 2299

Delta R.T. 0.00 min

Lab File: VN061128.D

Acq: 22 Apr 2020 14:21

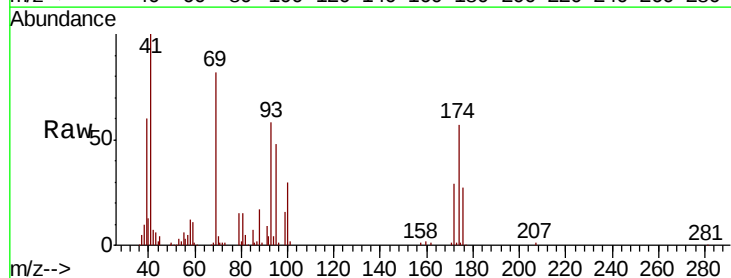
Tgt Ion: 93 Resp: 80739

Ion Ratio Lower Upper

93 100

95 81.2 65.0 97.4

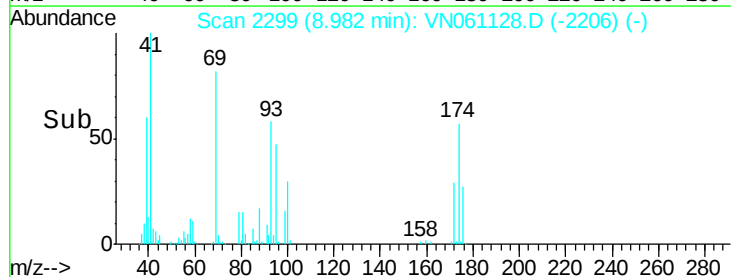
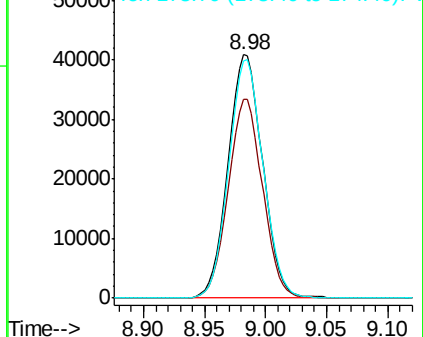
174 97.2 77.8 116.6

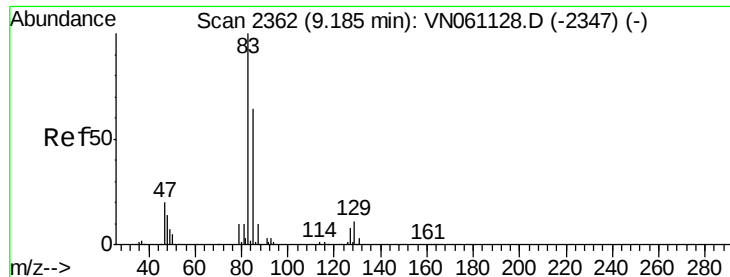


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 50.427 ug/l

RT: 9.18 min Scan# 2362

Delta R.T. 0.00 min

Lab File: VN061128.D

Acq: 22 Apr 2020 14:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

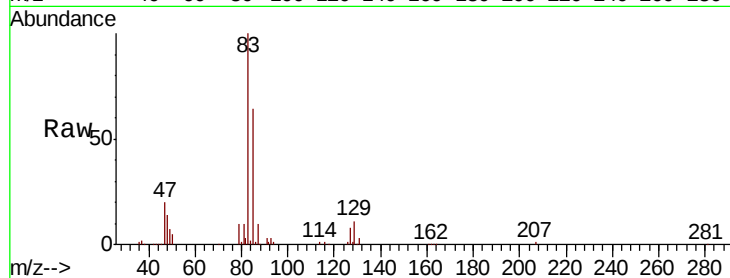
Tot Ion: 83 Resp: 161130

Ion Ratio Lower Upper

83 100

85 64.3 51.4 77.2

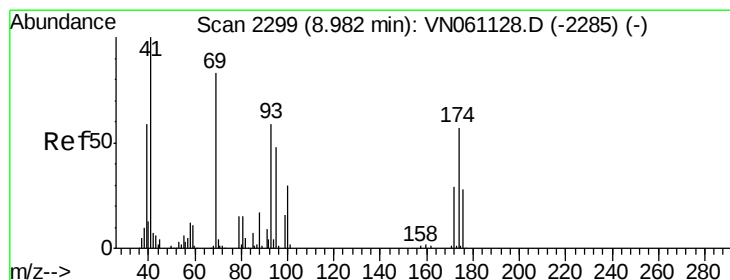
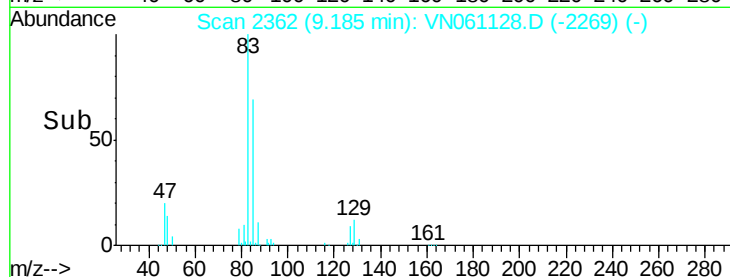
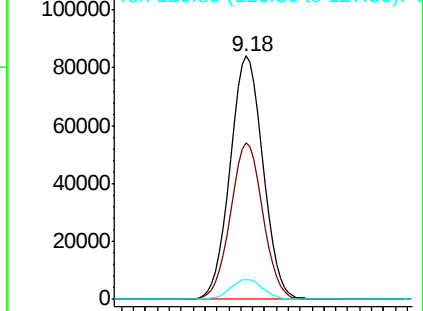
127 8.3 6.6 10.0



Abundance Ion 82.90 (82.60 to 83.60): VN061128.D (-2347) (-)

Ion 84.90 (84.60 to 85.60): VN061128.D (-2347) (-)

Ion 126.80 (126.50 to 127.50): VN061128.D (-2347) (-)



#48

Methyl methacrylate

Concen: 50.493 ug/l

RT: 8.98 min Scan# 2299

Delta R.T. 0.00 min

Lab File: VN061128.D

Acq: 22 Apr 2020 14:21

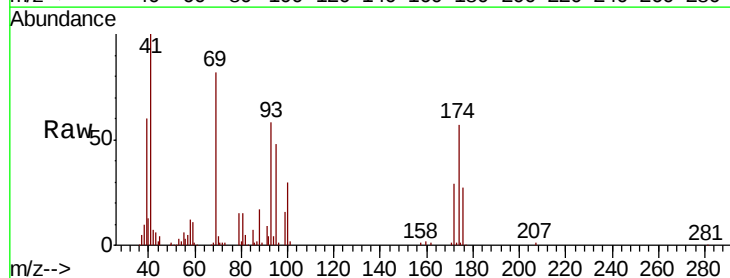
Tgt Ion: 41 Resp: 128605

Ion Ratio Lower Upper

41 100

69 81.8 65.4 98.2

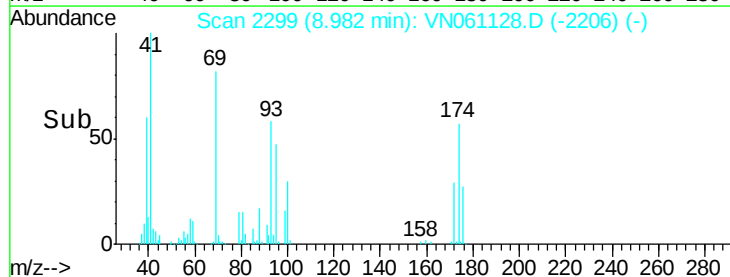
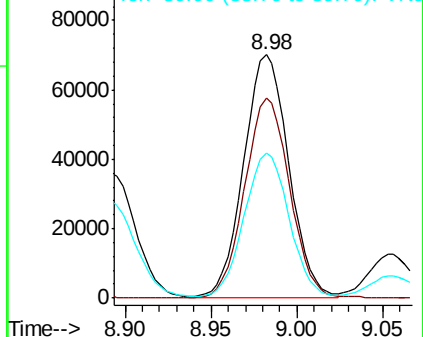
39 59.7 47.8 71.6

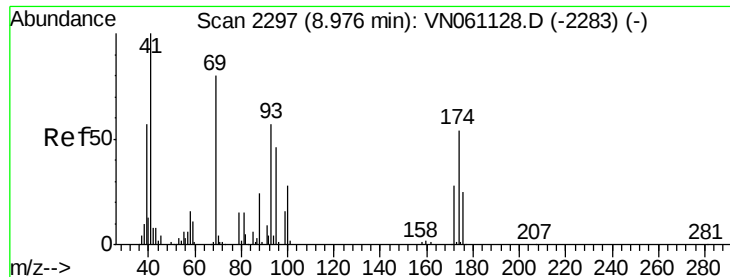


Abundance Ion 41.00 (40.70 to 41.70): VN061128.D (-2285) (-)

Ion 69.00 (68.70 to 69.70): VN061128.D (-2285) (-)

Ion 39.00 (38.70 to 39.70): VN061128.D (-2285) (-)

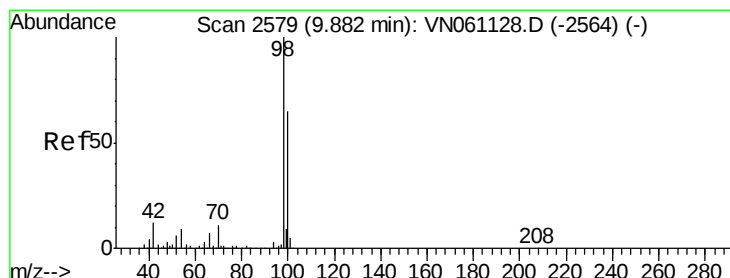
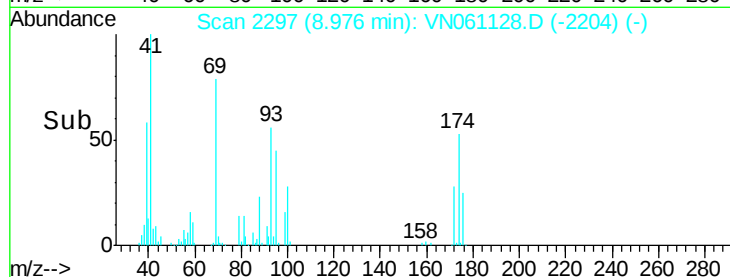
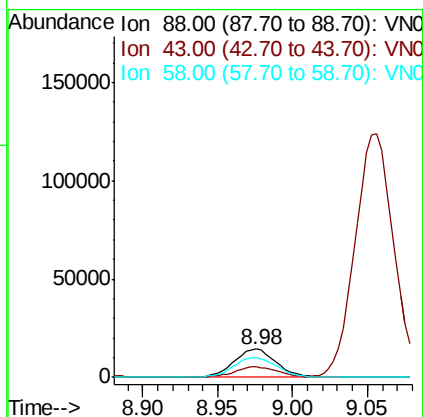
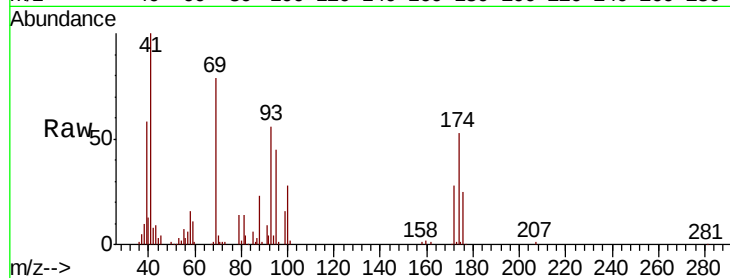




#49
1,4-Dioxane
Concen: 913.710 ug/l
RT: 8.98 min Scan# 2297
Delta R.T. 0.00 min
Lab File: VN061128.D
Acq: 22 Apr 2020 14:21

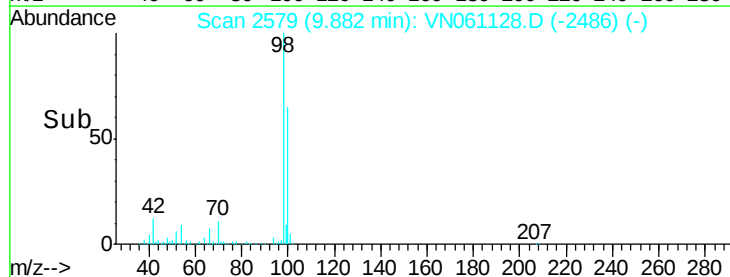
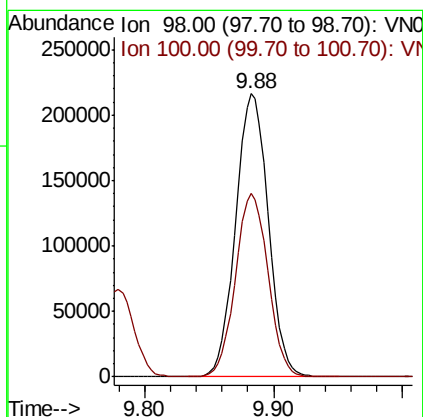
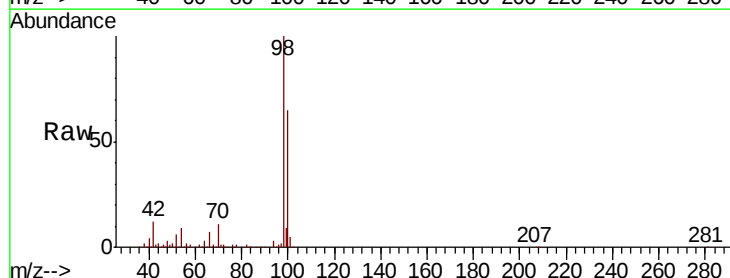
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

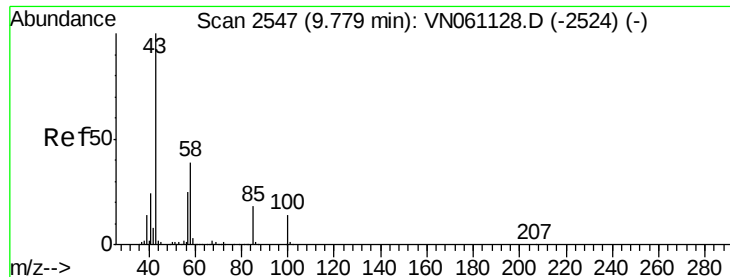
Tot Ion: 88 Resp: 28244
Ion Ratio Lower Upper
88 100
43 36.2 29.0 43.4
58 72.2 57.8 86.6



#50
Toluene-d8
Concen: 52.684 ug/l
RT: 9.88 min Scan# 2579
Delta R.T. 0.00 min
Lab File: VN061128.D
Acq: 22 Apr 2020 14:21

Tgt Ion: 98 Resp: 380543
Ion Ratio Lower Upper
98 100
100 64.7 51.8 77.6





#51

4-Methyl-2-Pentanone

Concen: 246.442 ug/l

RT: 9.78 min Scan# 2547

Delta R.T. 0.00 min

Lab File: VN061128.D

Acq: 22 Apr 2020 14:21

Instrument :

MSVOA_N

ClientSampled :

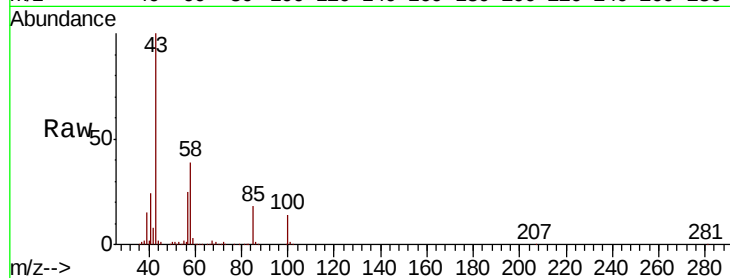
VSTDICCC050

Tot Ion: 43 Resp: 815415

Ion Ratio Lower Upper

43 100

58 38.8 31.0 46.6



Abundance Ion 43.00 (42.70 to 43.70): VN061128.D (-2524) (-)

Ion 58.00 (57.70 to 58.70): VN061128.D (-2524) (-)

9.78

500000

400000

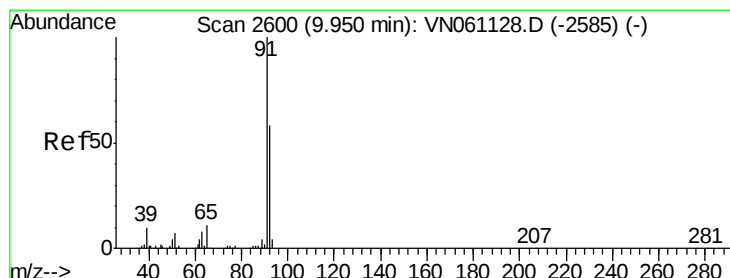
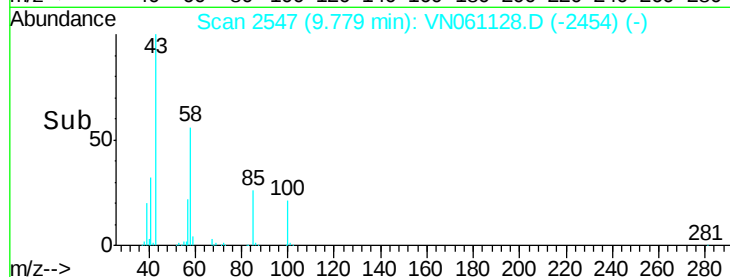
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 50.253 ug/l

RT: 9.95 min Scan# 2600

Delta R.T. 0.00 min

Lab File: VN061128.D

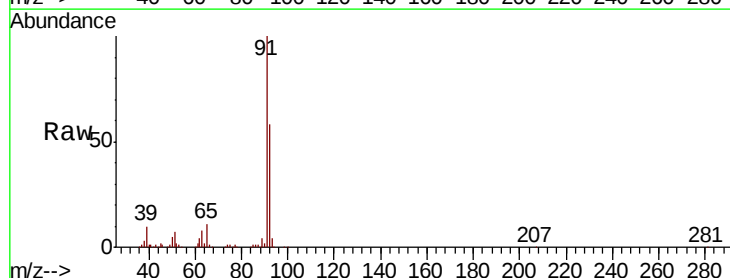
Acq: 22 Apr 2020 14:21

Tgt Ion: 92 Resp: 293187

Ion Ratio Lower Upper

92 100

91 172.9 138.3 207.5



Abundance Ion 92.00 (91.70 to 92.70): VN061128.D (-2585) (-)

Ion 91.00 (90.70 to 91.70): VN061128.D (-2585) (-)

9.95

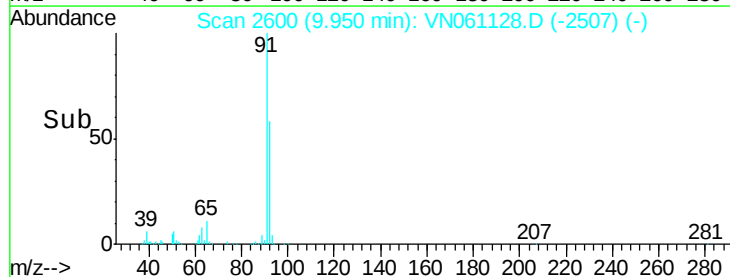
300000

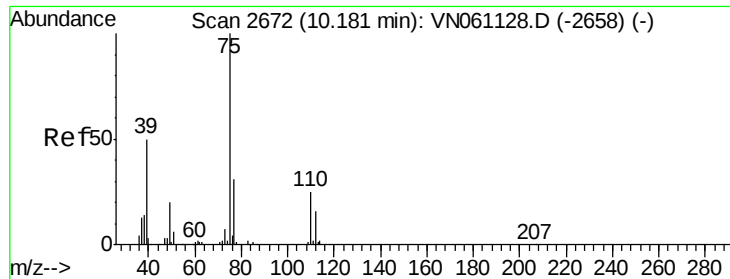
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 51.217 ug/l

RT: 10.18 min Scan# 2672

Delta R.T. 0.00 min

Lab File: VN061128.D

Acq: 22 Apr 2020 14:21

Instrument :

MSVOA_N

ClientSampleId :

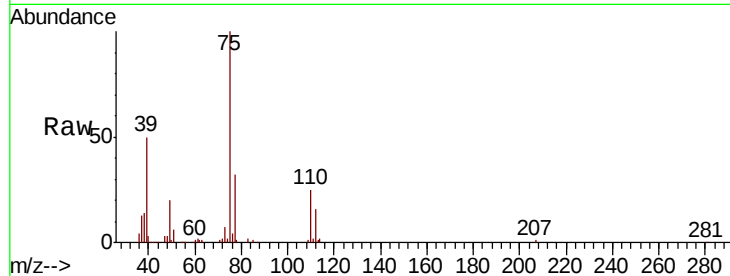
VSTDICCC050

Tot Ion: 75 Resp: 190356

Ion Ratio Lower Upper

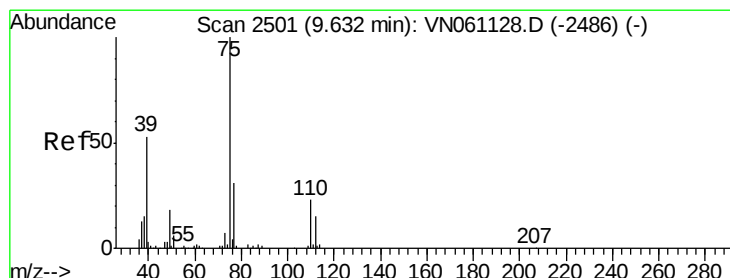
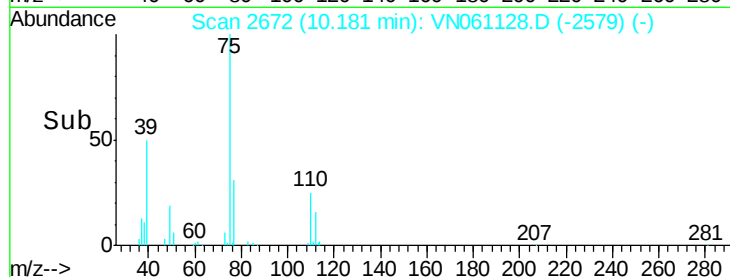
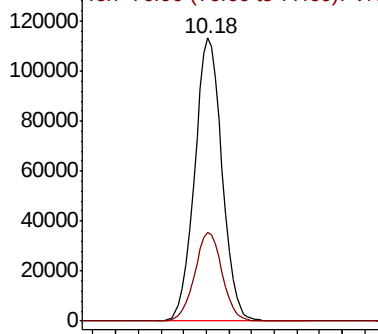
75 100

77 31.4 25.1 37.7



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: 49.930 ug/l

RT: 9.63 min Scan# 2501

Delta R.T. 0.00 min

Lab File: VN061128.D

Acq: 22 Apr 2020 14:21

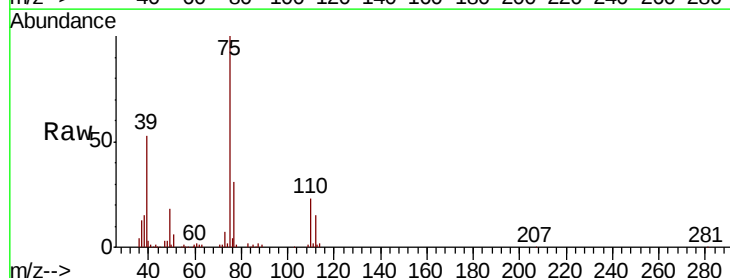
Tgt Ion: 75 Resp: 201717

Ion Ratio Lower Upper

75 100

77 31.5 25.2 37.8

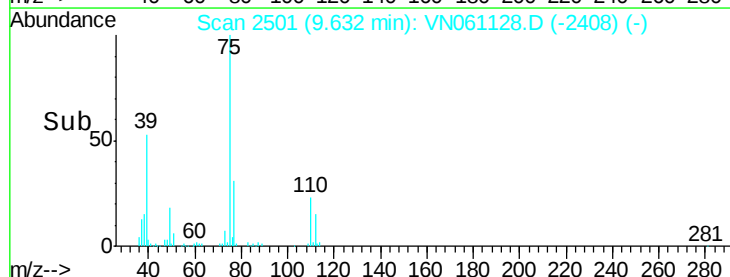
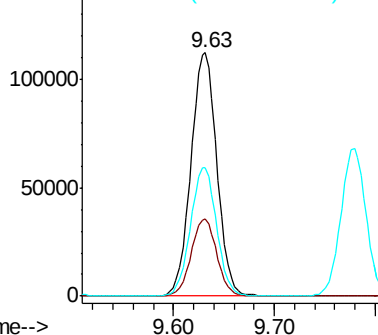
39 52.6 42.1 63.1

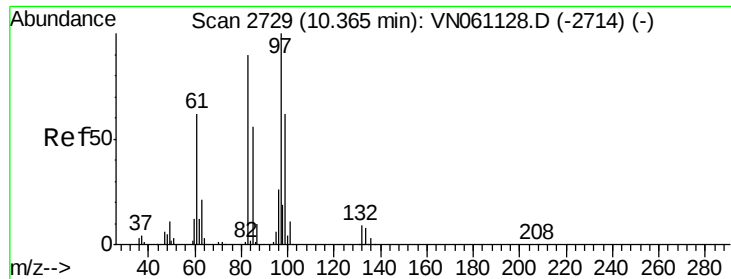


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0



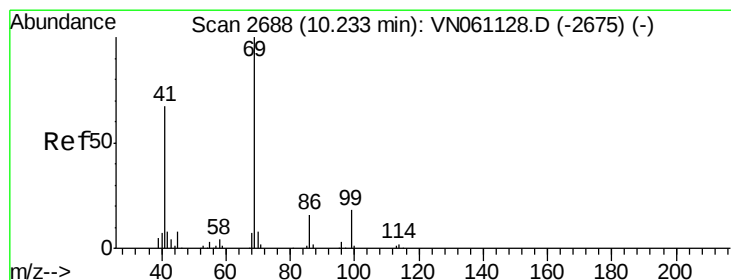
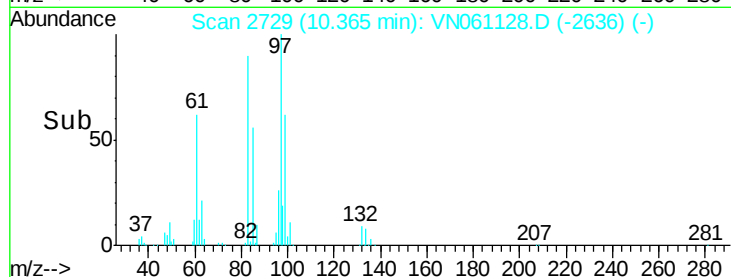
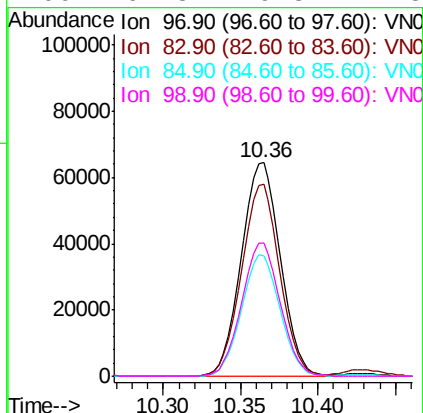
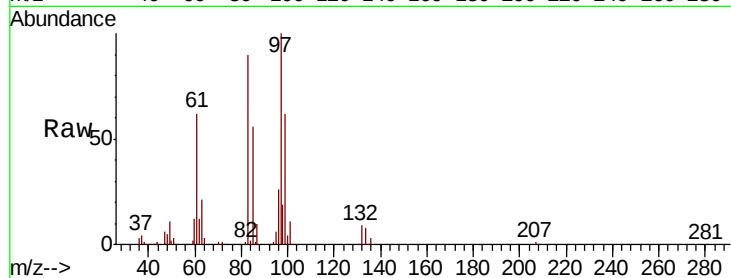


#55
 1,1,2-Trichloroethane
 Concen: 51.345 ug/l
 RT: 10.36 min Scan# 2729
 Delta R.T. 0.00 min
 Lab File: VN061128.D
 Acq: 22 Apr 2020 14:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion: 97 Resp: 113597

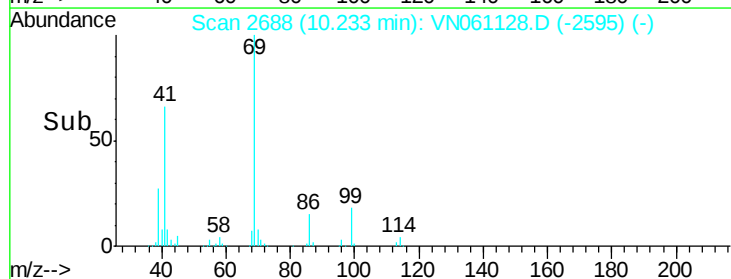
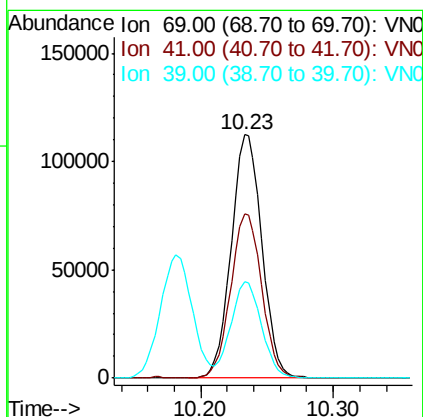
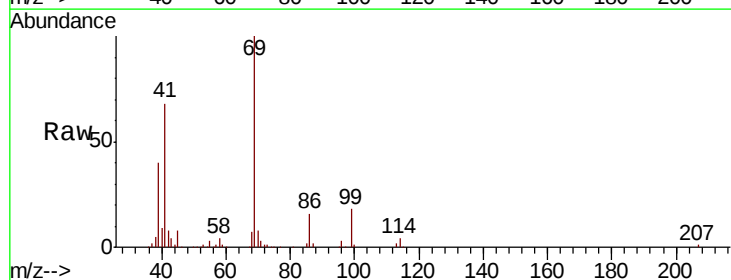
Ion	Ratio	Lower	Upper
97	100		
83	89.7	71.8	107.6
85	56.3	45.0	67.6
99	62.3	49.8	74.8

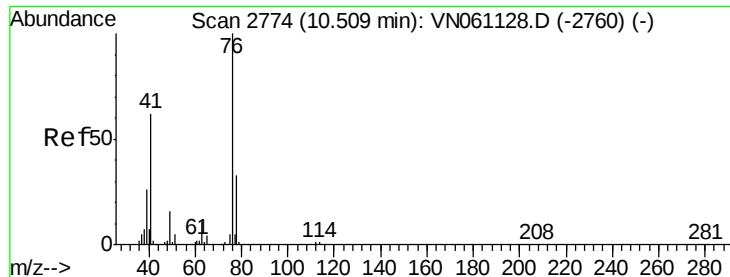


#56
 Ethyl methacrylate
 Concen: 52.217 ug/l
 RT: 10.23 min Scan# 2688
 Delta R.T. 0.00 min
 Lab File: VN061128.D
 Acq: 22 Apr 2020 14:21

Tgt Ion: 69 Resp: 180632

Ion	Ratio	Lower	Upper
69	100		
41	67.5	54.0	81.0
39	39.2	31.4	47.0

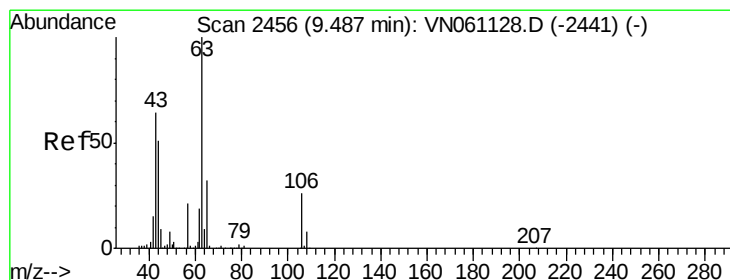
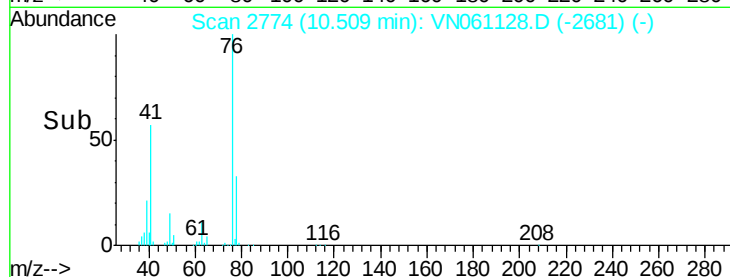
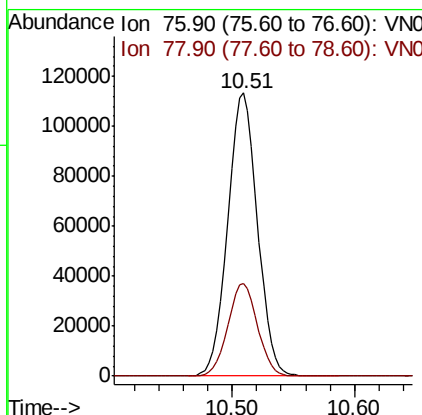
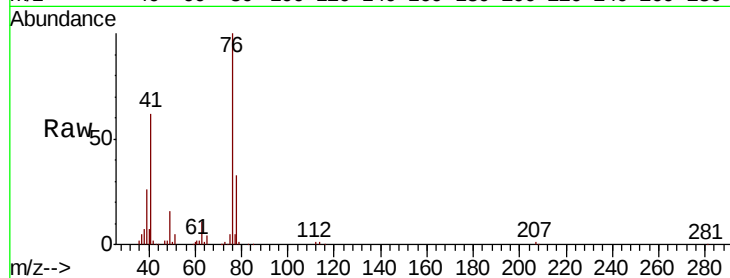




#57
 1,3-Dichloropropane
 Concen: 49.121 ug/l
 RT: 10.51 min Scan# 2774
 Delta R.T. 0.00 min
 Lab File: VN061128.D
 Acq: 22 Apr 2020 14:21

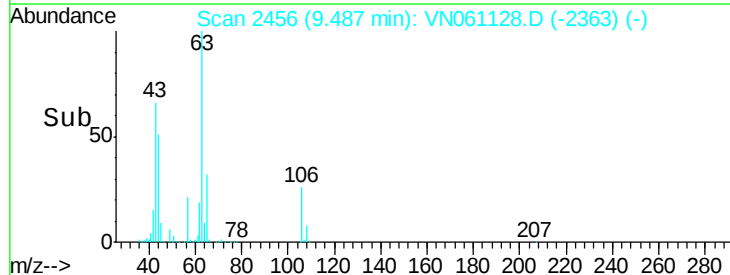
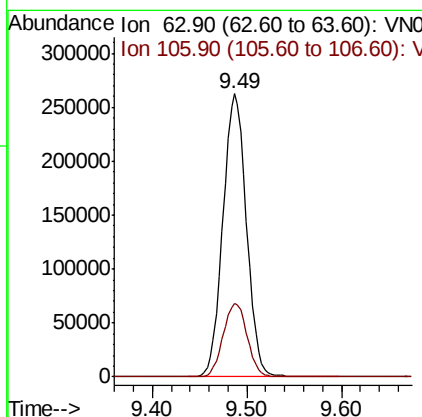
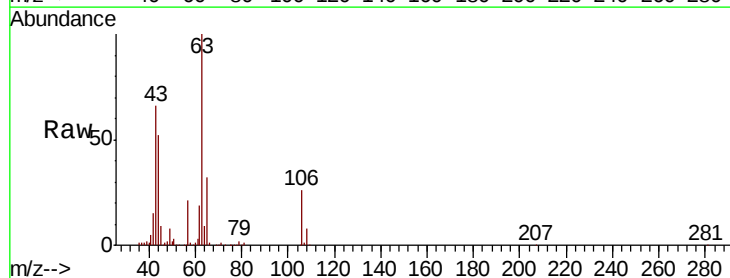
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

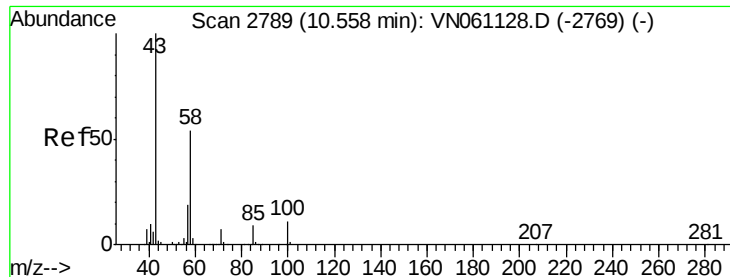
Tot Ion: 76 Resp: 192574
 Ion Ratio Lower Upper
 76 100
 78 32.6 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 276.247 ug/l
 RT: 9.49 min Scan# 2456
 Delta R.T. 0.00 min
 Lab File: VN061128.D
 Acq: 22 Apr 2020 14:21

Tgt Ion: 63 Resp: 453597
 Ion Ratio Lower Upper
 63 100
 106 26.6 21.3 31.9

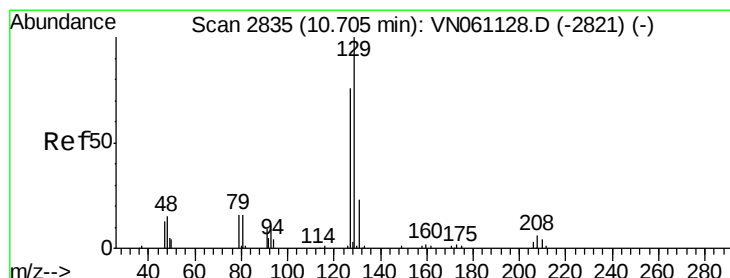
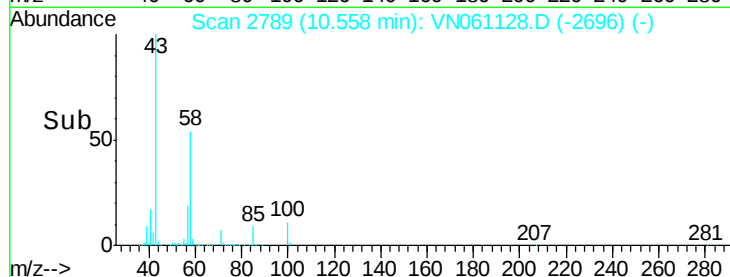
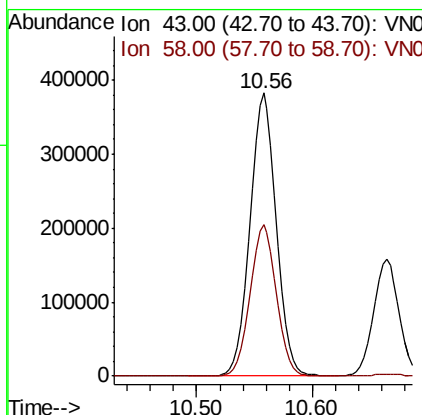
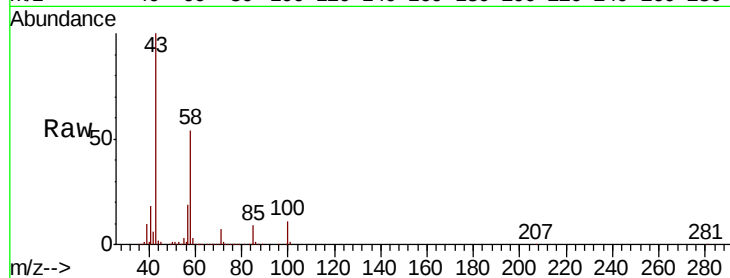




#59
2-Hexanone
Concen: 252.795 ug/l
RT: 10.56 min Scan# 2789
Delta R.T. 0.00 min
Lab File: VN061128.D
Acq: 22 Apr 2020 14:21

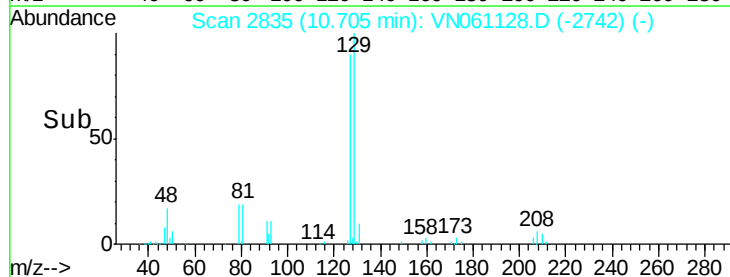
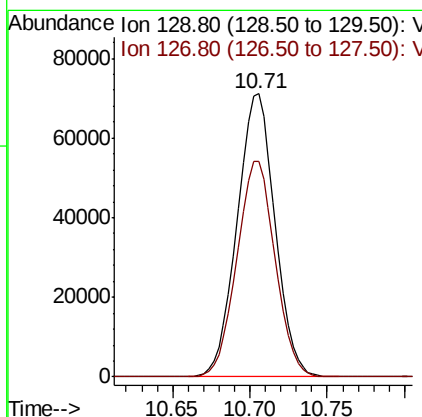
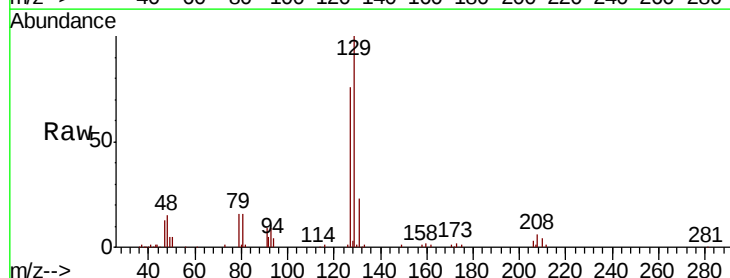
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

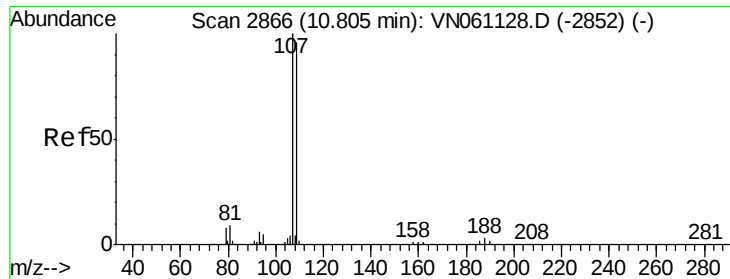
Tot Ion: 43 Resp: 604865
Ion Ratio Lower Upper
43 100
58 53.7 26.9 80.6



#60
Dibromochloromethane
Concen: 53.060 ug/l
RT: 10.71 min Scan# 2835
Delta R.T. 0.00 min
Lab File: VN061128.D
Acq: 22 Apr 2020 14:21

Tgt Ion: 129 Resp: 121121
Ion Ratio Lower Upper
129 100
127 76.8 38.4 115.2

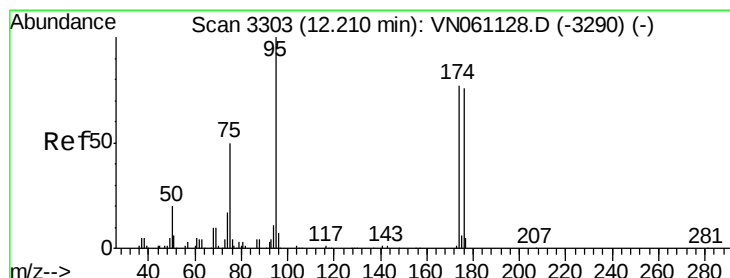
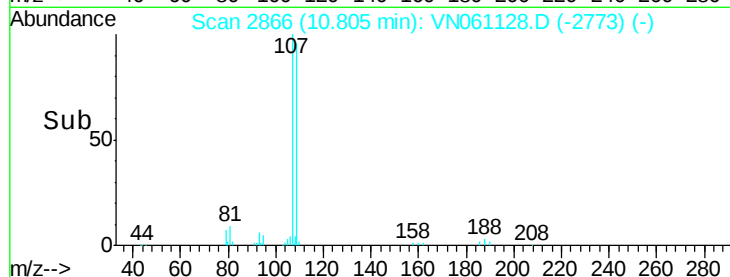
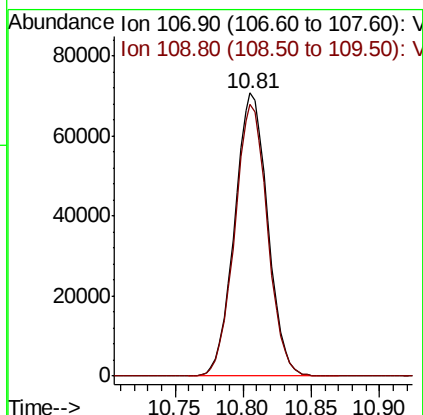
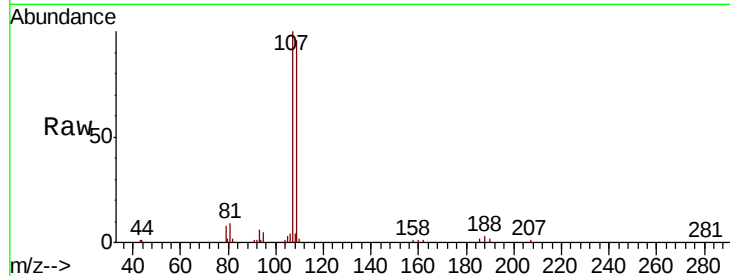




#61
 1,2-Dibromoethane
 Concen: 52.484 ug/l
 RT: 10.81 min Scan# 2866
 Delta R.T. 0.00 min
 Lab File: VN061128.D
 Acq: 22 Apr 2020 14:21

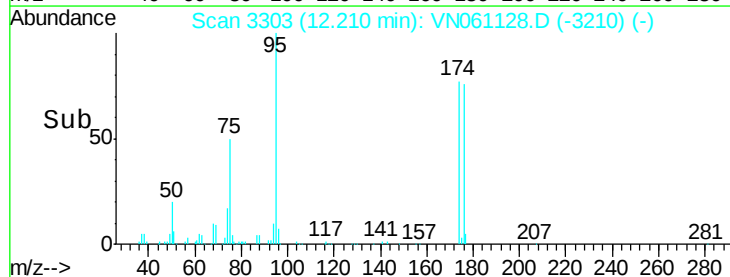
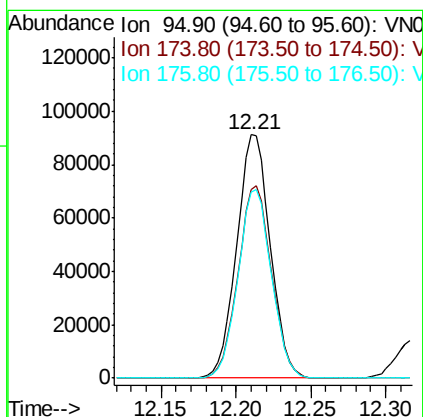
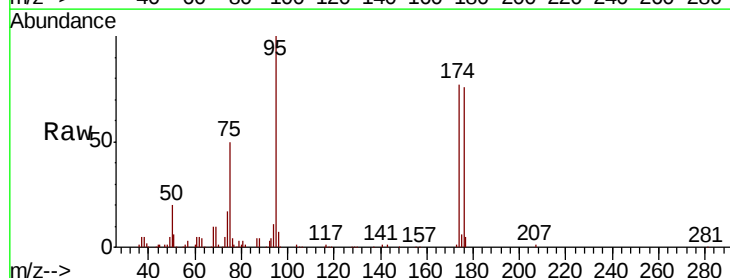
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

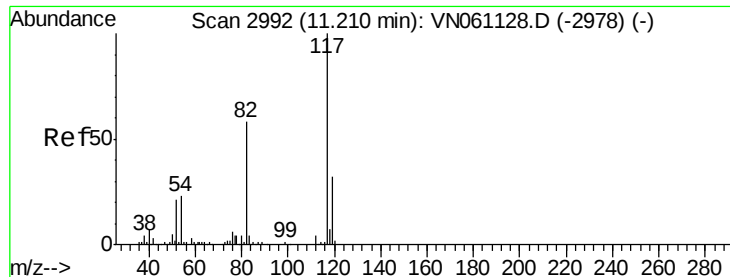
Tot Ion:107 Resp: 119007
 Ion Ratio Lower Upper
 107 100
 109 95.0 76.0 114.0



#62
 4-Bromofluorobenzene
 Concen: 50.899 ug/l
 RT: 12.21 min Scan# 3303
 Delta R.T. 0.00 min
 Lab File: VN061128.D
 Acq: 22 Apr 2020 14:21

Tgt Ion: 95 Resp: 142534
 Ion Ratio Lower Upper
 95 100
 174 78.8 0.0 157.6
 176 77.2 0.0 154.4

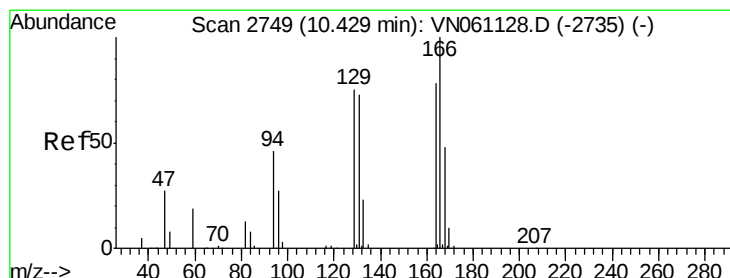
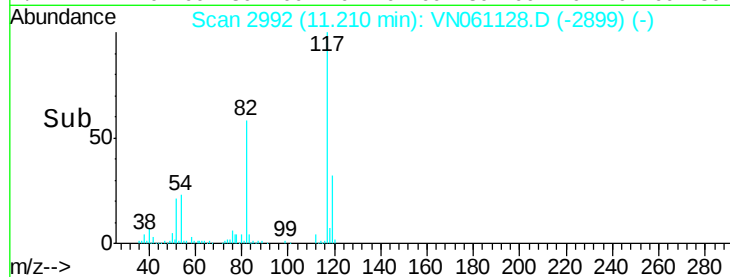
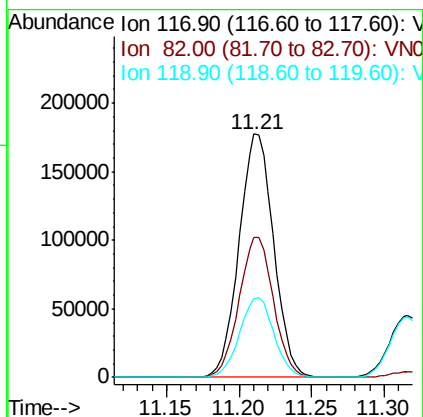
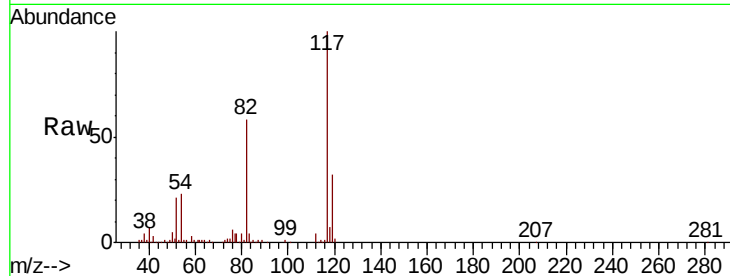




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.21 min Scan# 2992
Delta R.T. 0.00 min
Lab File: VN061128.D
Acq: 22 Apr 2020 14:21

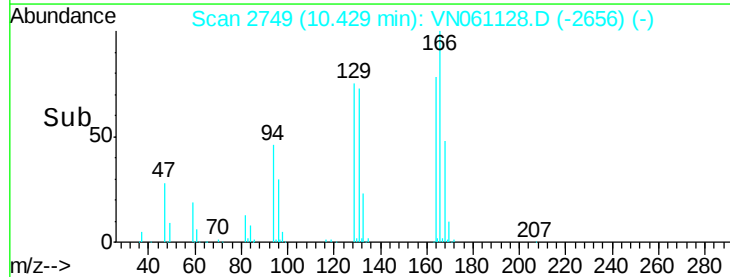
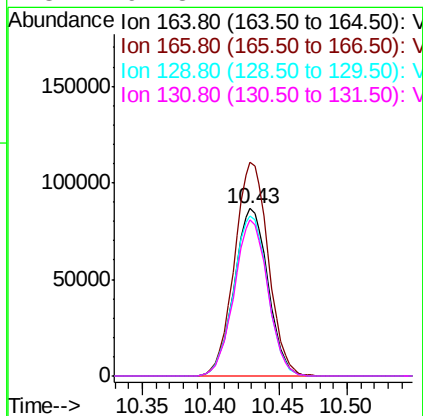
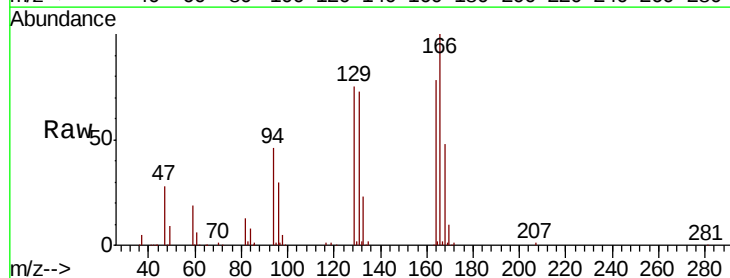
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

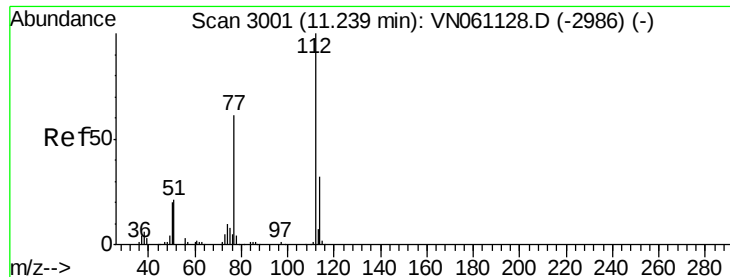
Tot Ion:117 Resp: 294060
Ion Ratio Lower Upper
117 100
82 57.5 46.0 69.0
119 32.4 25.9 38.9



#64
Tetrachloroethene
Concen: 62.805 ug/l
RT: 10.43 min Scan# 2749
Delta R.T. 0.00 min
Lab File: VN061128.D
Acq: 22 Apr 2020 14:21

Tgt Ion:164 Resp: 149156
Ion Ratio Lower Upper
164 100
166 127.4 101.9 152.9
129 95.6 76.5 114.7
131 92.8 74.2 111.4

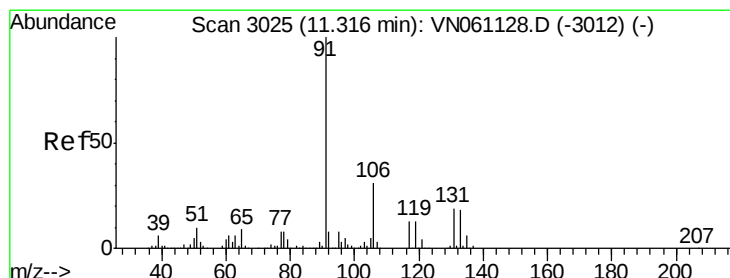
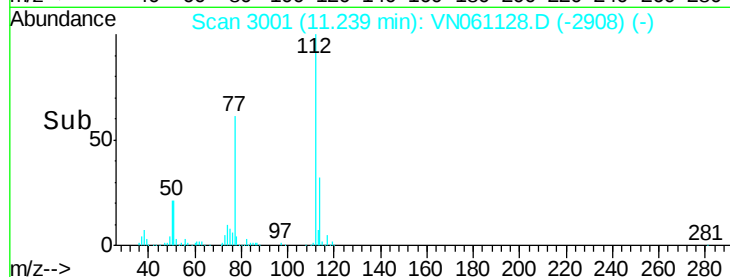
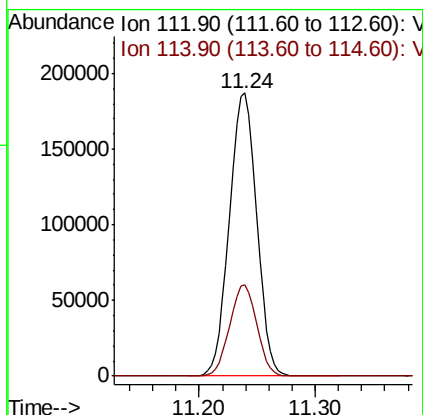
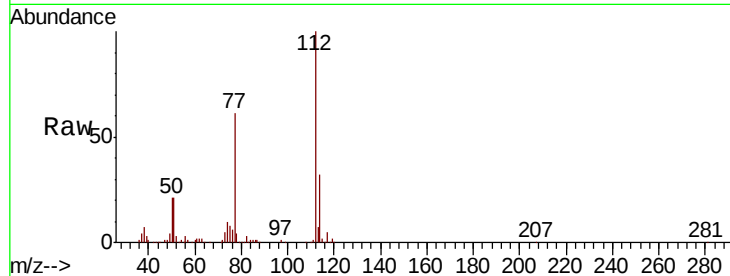




#65
Chlorobenzene
Concen: 50.045 ug/l
RT: 11.24 min Scan# 3001
Delta R.T. 0.00 min
Lab File: VN061128.D
Acq: 22 Apr 2020 14:21

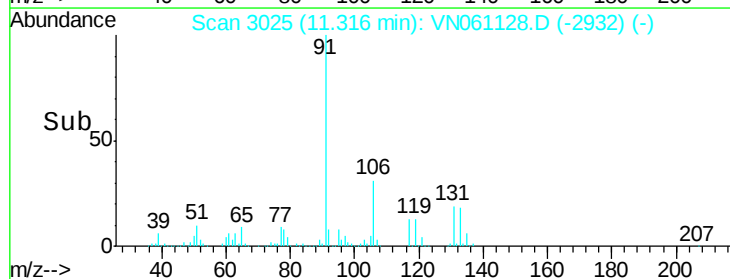
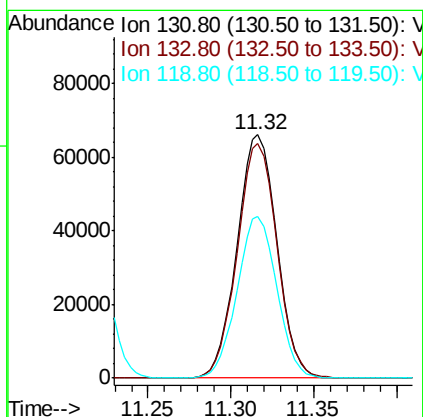
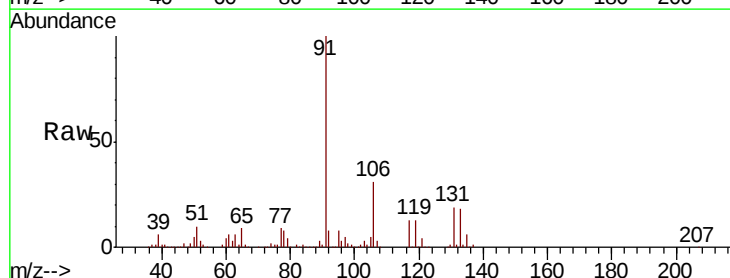
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

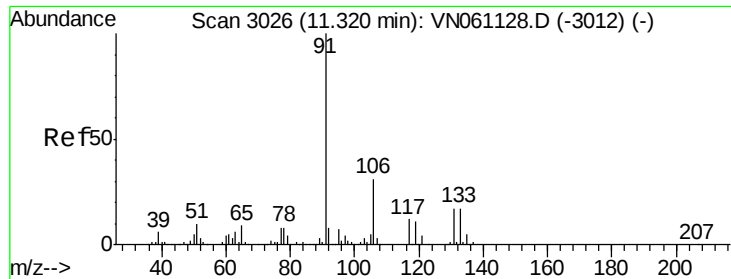
Tot Ion:112 Resp: 304089
Ion Ratio Lower Upper
112 100
114 32.1 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 50.765 ug/l
RT: 11.32 min Scan# 3025
Delta R.T. 0.00 min
Lab File: VN061128.D
Acq: 22 Apr 2020 14:21

Tgt Ion:131 Resp: 110542
Ion Ratio Lower Upper
131 100
133 96.4 48.2 144.6
119 66.3 33.1 99.5

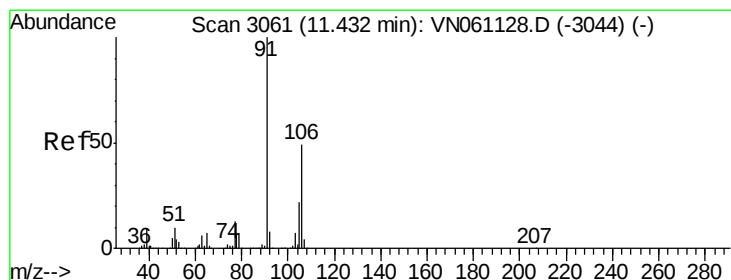
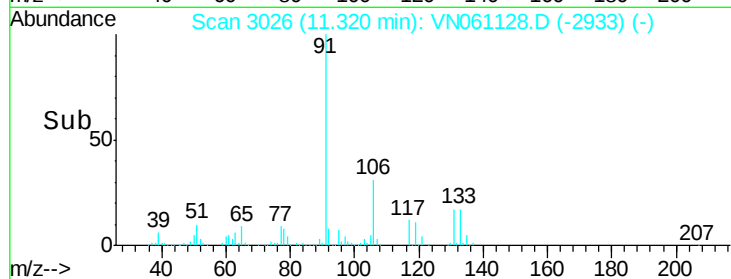
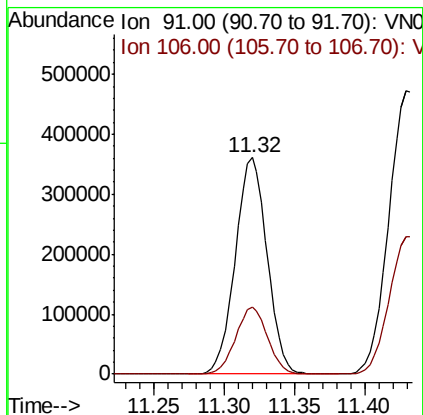
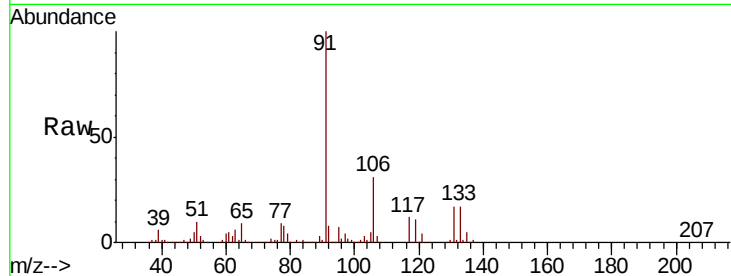




#67
Ethyl Benzene
Concen: 49.957 ug/l
RT: 11.32 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN061128.D
Acq: 22 Apr 2020 14:21

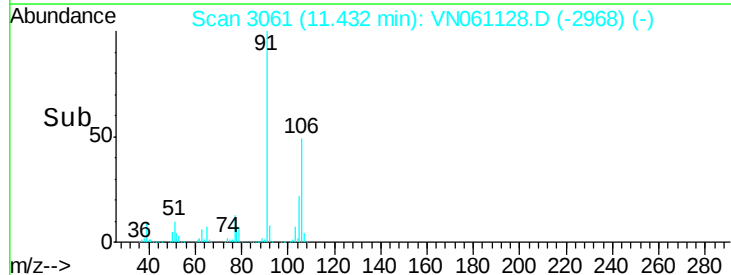
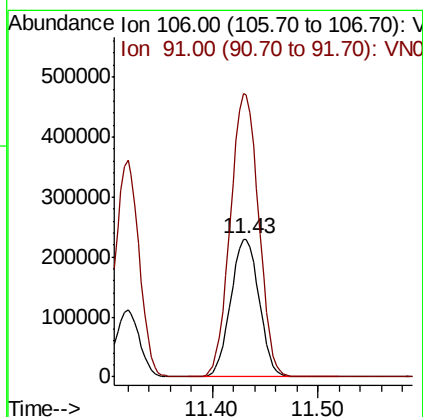
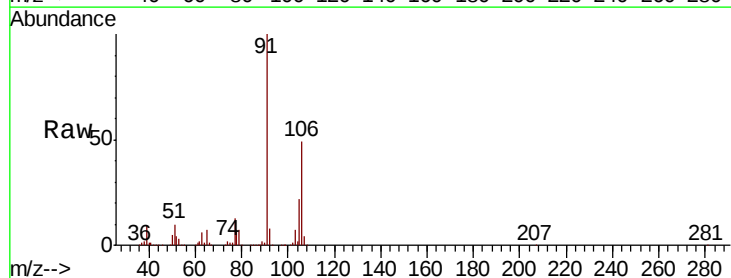
Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

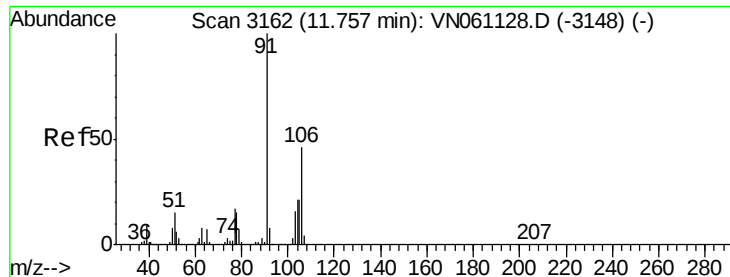
Tot Ion: 91 Resp: 569765
Ion Ratio Lower Upper
91 100
106 30.9 24.7 37.1



#68
m/p-Xylenes
Concen: 103.228 ug/l
RT: 11.43 min Scan# 3061
Delta R.T. 0.00 min
Lab File: VN061128.D
Acq: 22 Apr 2020 14:21

Tgt Ion: 106 Resp: 428115
Ion Ratio Lower Upper
106 100
91 204.9 163.9 245.9

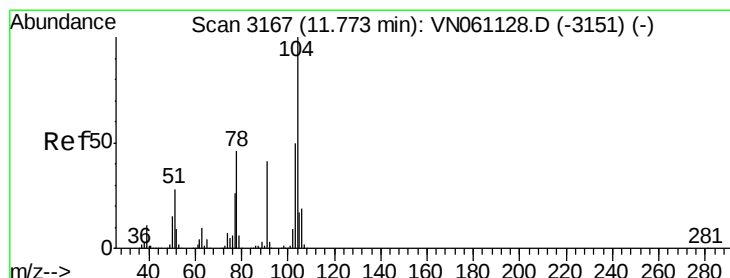
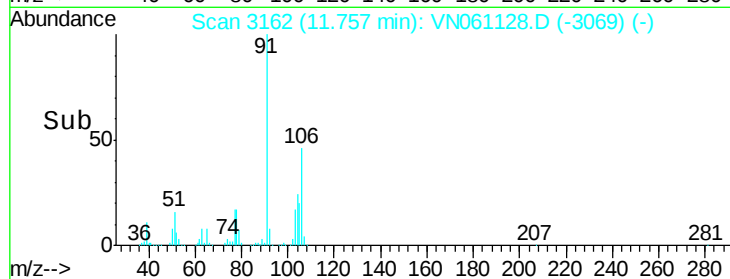
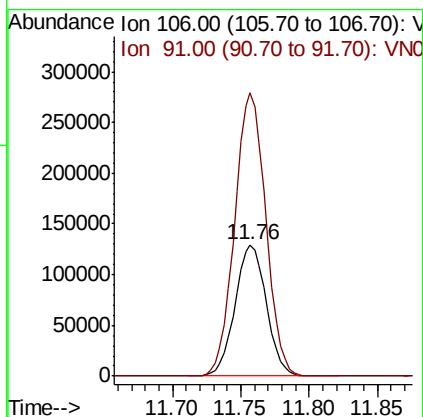
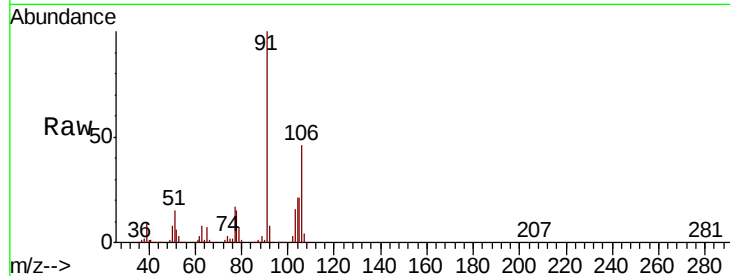




#69
o-Xylene
Concen: 51.471 ug/l
RT: 11.76 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN061128.D
Acq: 22 Apr 2020 14:21

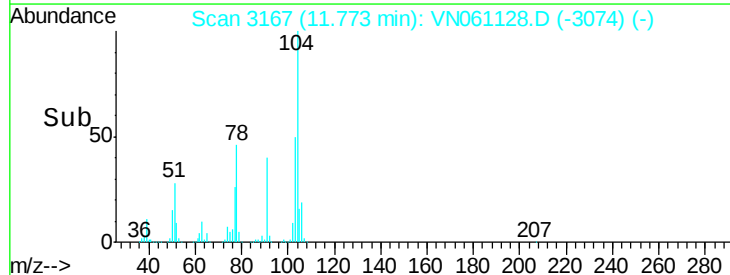
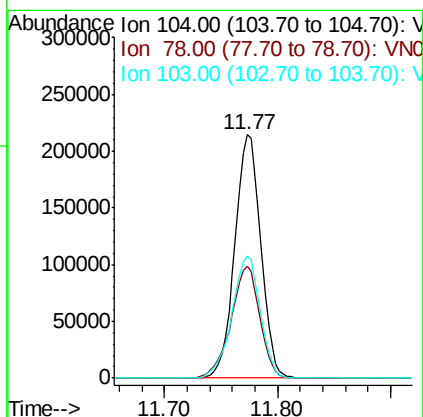
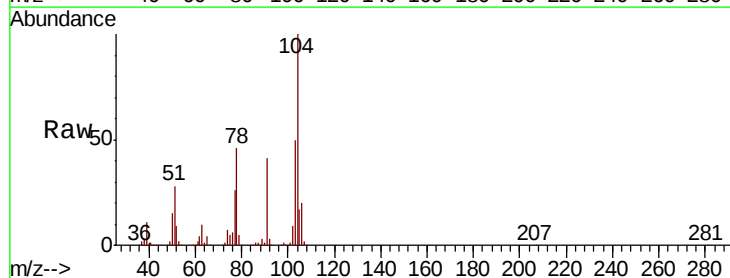
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

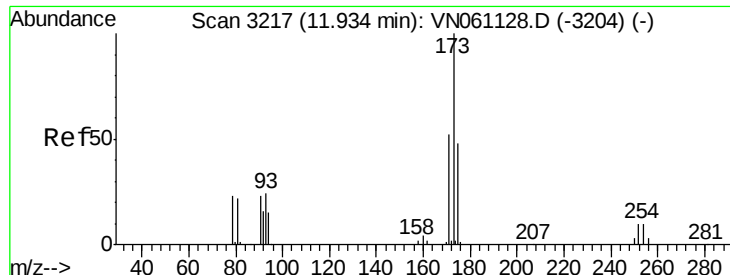
Tot Ion:106 Resp: 205261
Ion Ratio Lower Upper
106 100
91 215.2 107.6 322.8



#70
Styrene
Concen: 53.536 ug/l
RT: 11.77 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN061128.D
Acq: 22 Apr 2020 14:21

Tgt Ion:104 Resp: 343612
Ion Ratio Lower Upper
104 100
78 50.8 40.6 61.0
103 54.6 43.7 65.5





#71

Bromoform

Concen: 53.279 ug/l

RT: 11.93 min Scan# 3217

Delta R.T. 0.00 min

Lab File: VN061128.D

Acq: 22 Apr 2020 14:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

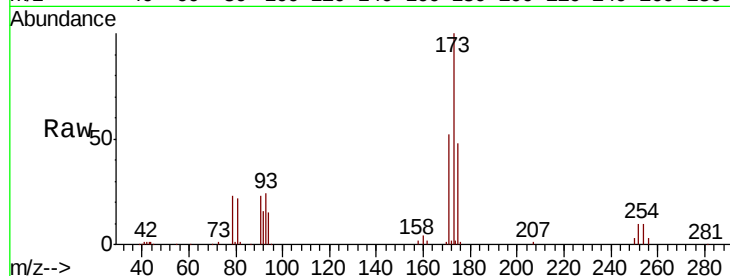
Tot Ion:173 Resp: 86531

Ion Ratio Lower Upper

173 100

175 47.9 23.9 71.8

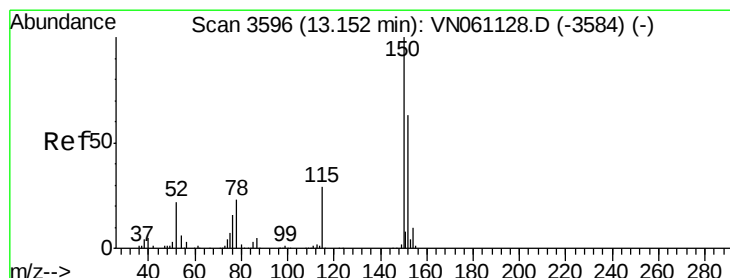
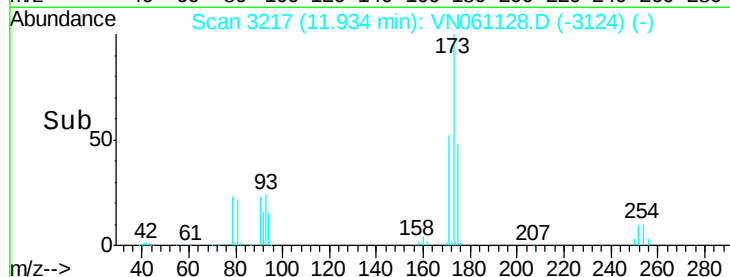
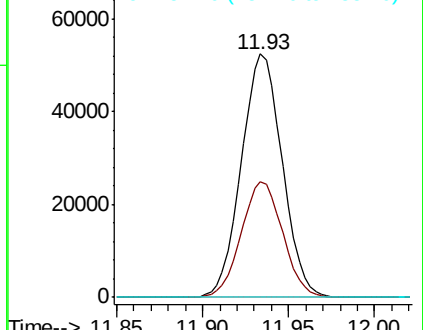
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.15 min Scan# 3596

Delta R.T. 0.00 min

Lab File: VN061128.D

Acq: 22 Apr 2020 14:21

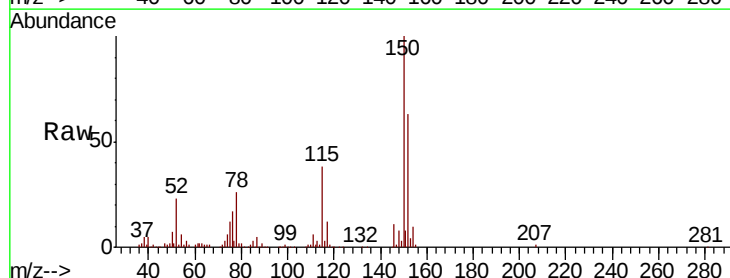
Tgt Ion:152 Resp: 144931

Ion Ratio Lower Upper

152 100

115 59.7 29.8 89.5

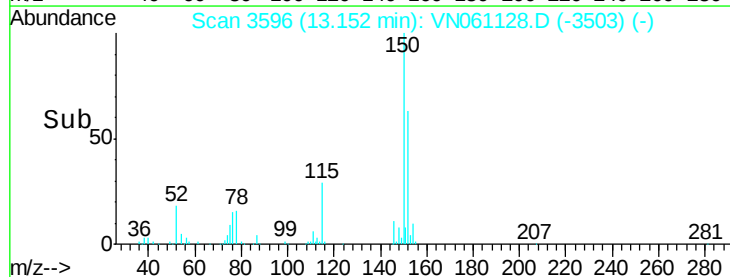
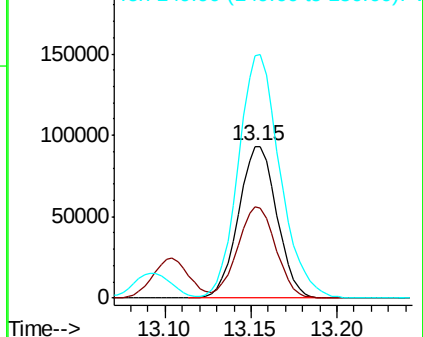
150 174.3 0.0 348.6

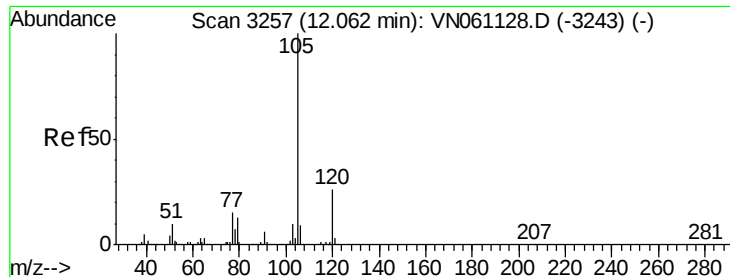


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 47.672 ug/l

RT: 12.06 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN061128.D

Acq: 22 Apr 2020 14:21

Instrument :

MSVOA_N

ClientSampleId :

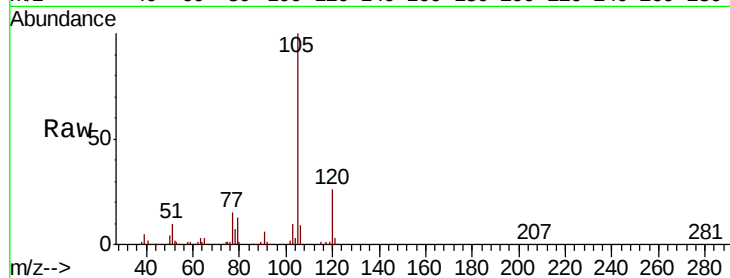
VSTDICCC050

Tot Ion:105 Resp: 551398

Ion Ratio Lower Upper

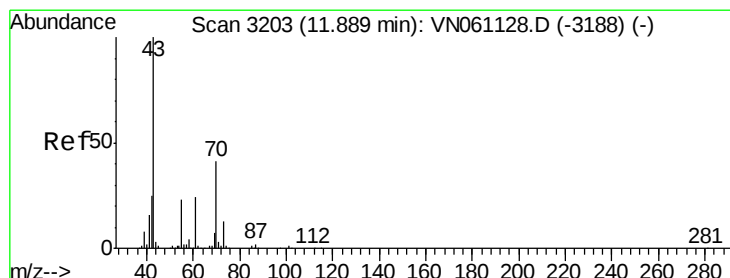
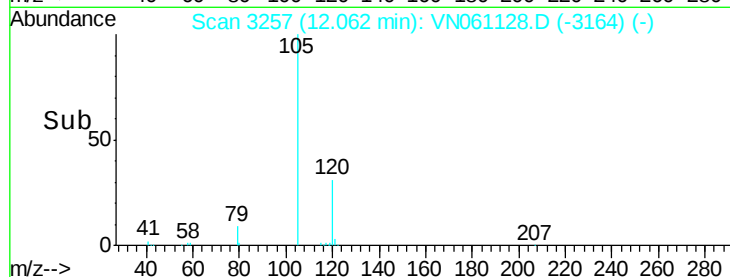
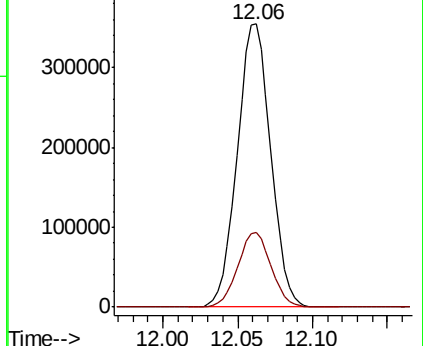
105 100

120 26.2 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 47.223 ug/l

RT: 11.89 min Scan# 3203

Delta R.T. 0.00 min

Lab File: VN061128.D

Acq: 22 Apr 2020 14:21

Tgt Ion: 43 Resp: 252226

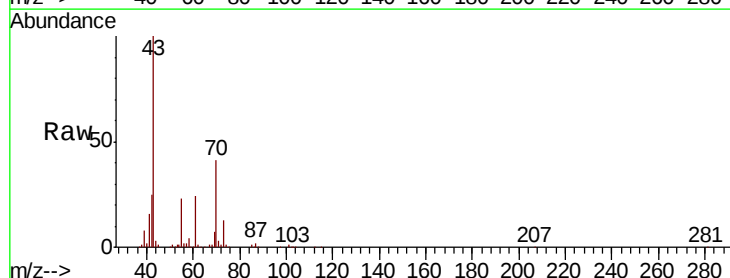
Ion Ratio Lower Upper

43 100

70 40.6 32.5 48.7

55 23.8 19.0 28.6

61 24.1 19.3 28.9

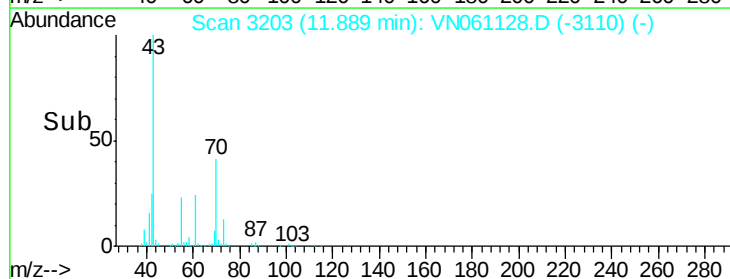
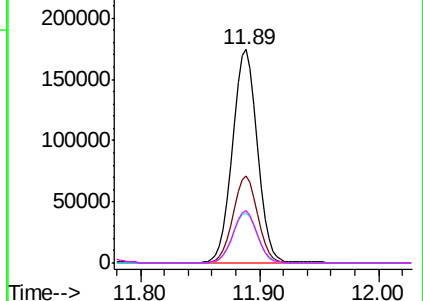


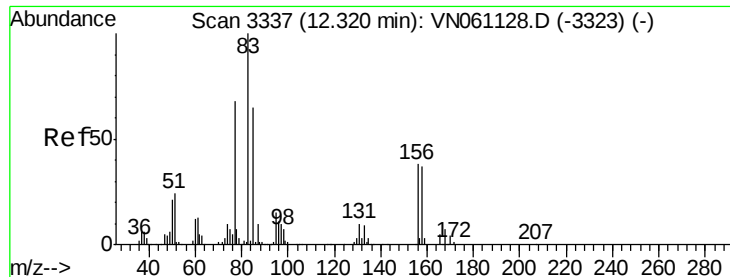
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 42.935 ug/l

RT: 12.32 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN061128.D

Acq: 22 Apr 2020 14:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

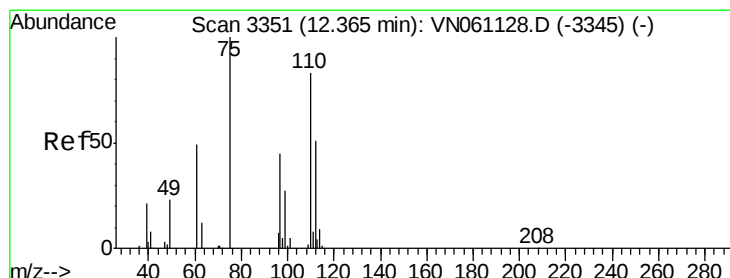
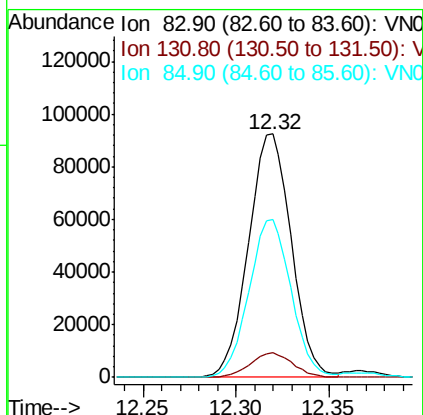
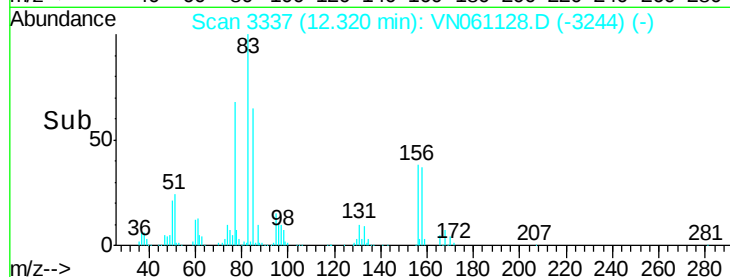
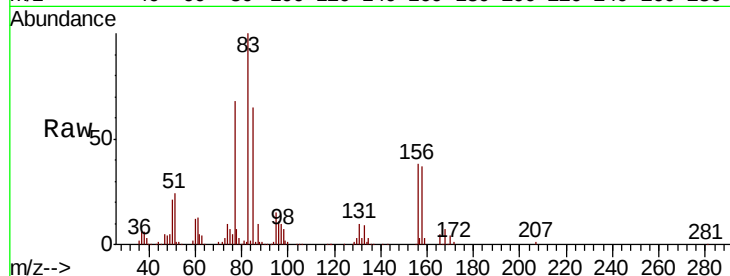
Tot Ion: 83 Resp: 148421

Ion Ratio Lower Upper

83 100

131 10.1 5.1 15.2

85 63.7 31.9 95.5



#76

1,2,3-Trichloropropane

Concen: 70.073 ug/l

RT: 12.36 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN061128.D

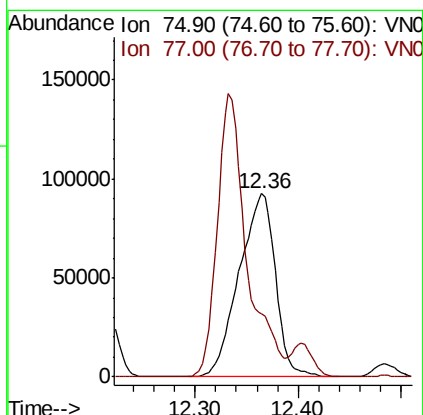
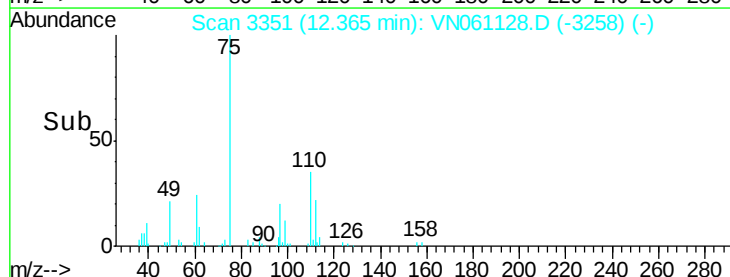
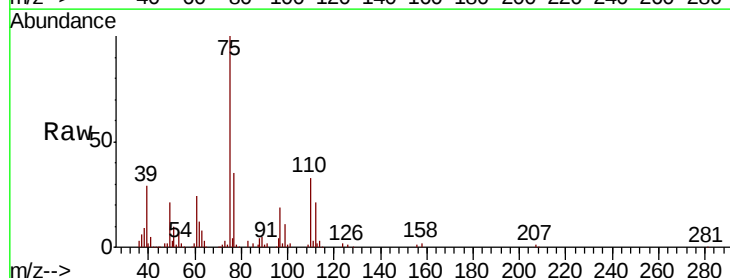
Acq: 22 Apr 2020 14:21

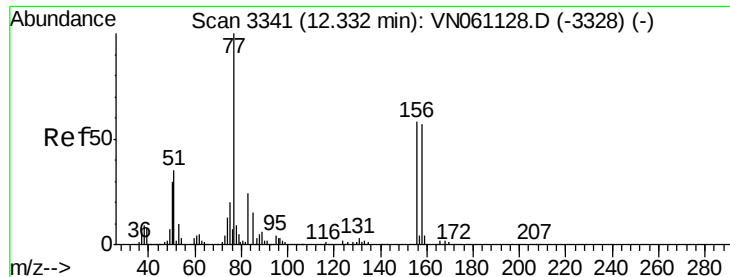
Tgt Ion: 75 Resp: 226998

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.403 ug/l

RT: 12.33 min Scan# 3341

Delta R.T. 0.00 min

Lab File: VN061128.D

Acq: 22 Apr 2020 14:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

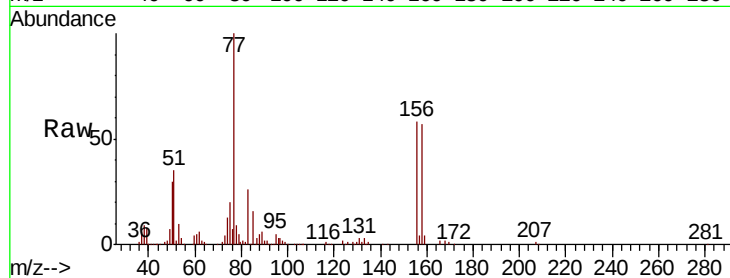
Tot Ion:156 Resp: 134492

Ion Ratio Lower Upper

156 100

77 211.4 105.7 317.1

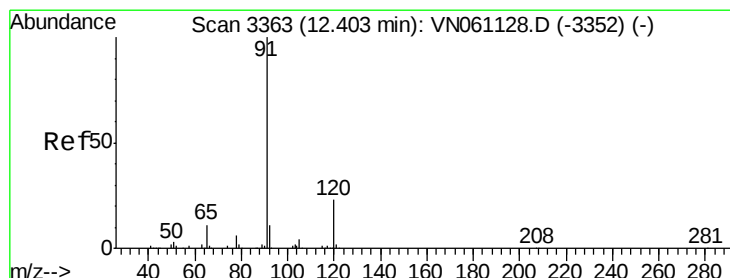
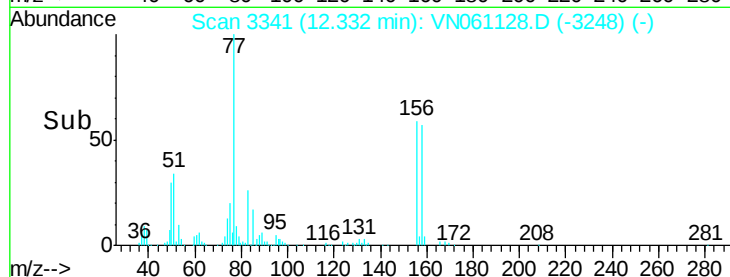
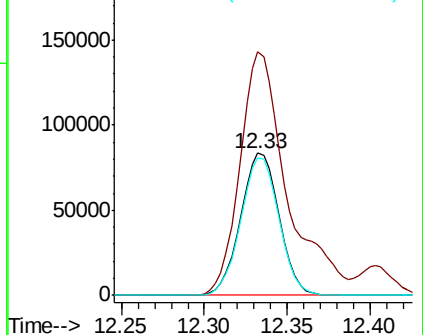
158 96.6 48.3 144.9



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: 48.342 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN061128.D

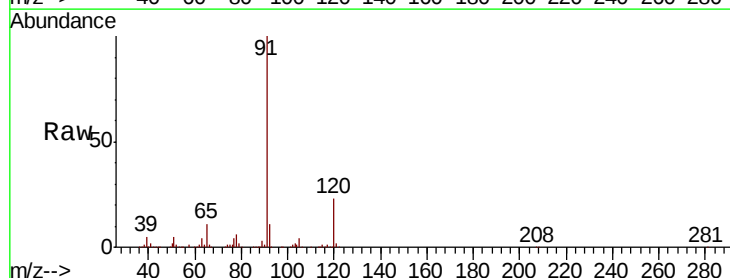
Acq: 22 Apr 2020 14:21

Tgt Ion: 91 Resp: 652071

Ion Ratio Lower Upper

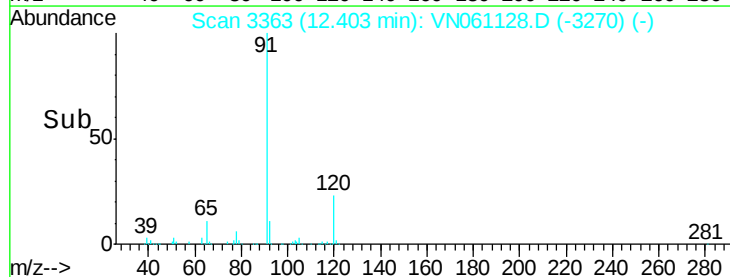
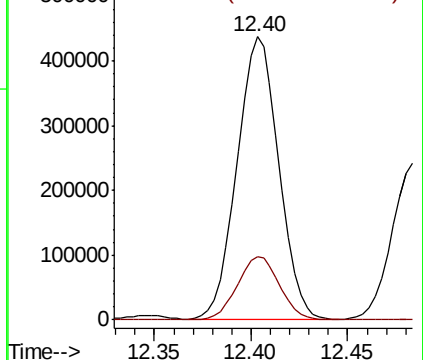
91 100

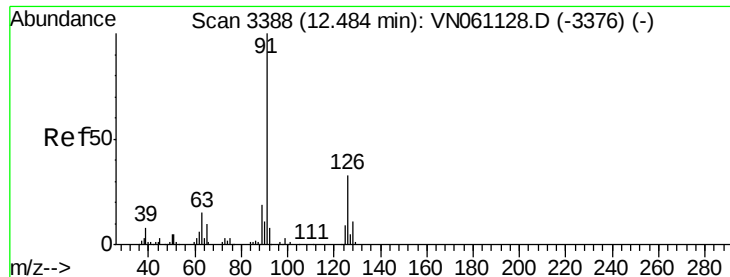
120 22.6 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.346 ug/l

RT: 12.48 min Scan# 3388

Delta R.T. 0.00 min

Lab File: VN061128.D

Acq: 22 Apr 2020 14:21

Instrument :

MSVOA_N

ClientSampleId :

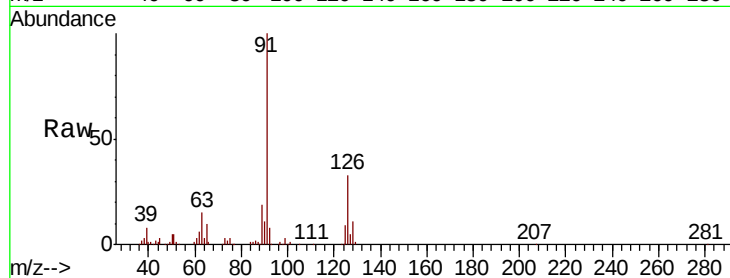
VSTDICCC050

Tot Ion: 91 Resp: 374468

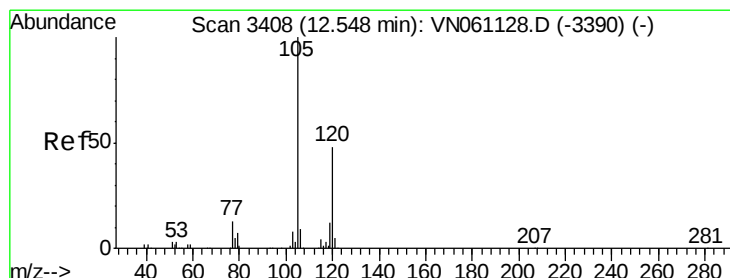
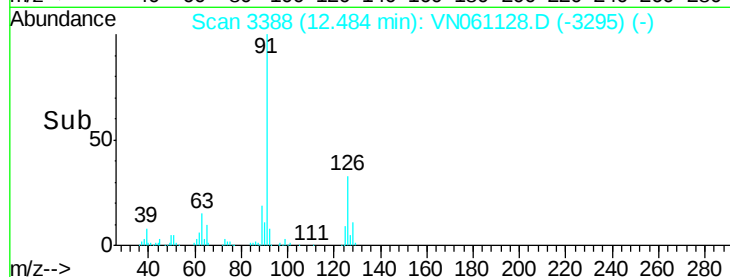
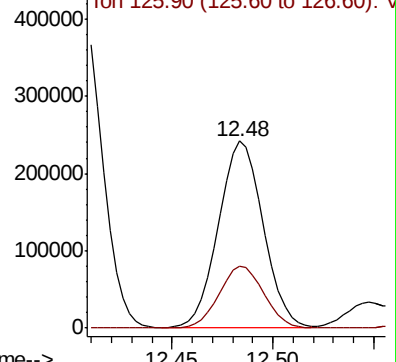
Ion Ratio Lower Upper

91 100

126 33.4 16.7 50.1



Abundance Ion 91.00 (90.70 to 91.70): VN061128.D (-3376) (-)



#80

1,3,5-Trimethylbenzene

Concen: 48.986 ug/l

RT: 12.55 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN061128.D

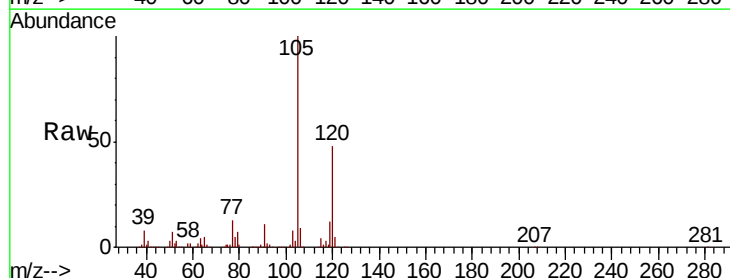
Acq: 22 Apr 2020 14:21

Tgt Ion:105 Resp: 468040

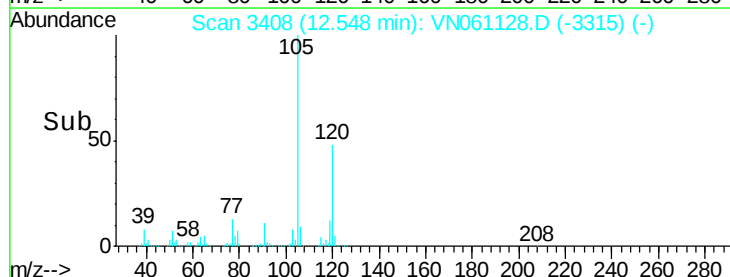
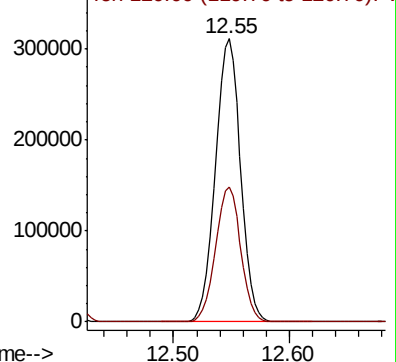
Ion Ratio Lower Upper

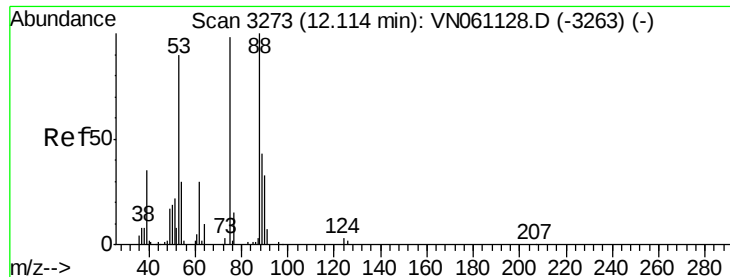
105 100

120 47.7 23.8 71.5



Abundance Ion 105.00 (104.70 to 105.70): VN061128.D (-3390) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 50.251 ug/l

RT: 12.11 min Scan# 3273

Delta R.T. 0.00 min

Lab File: VN061128.D

Acq: 22 Apr 2020 14:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

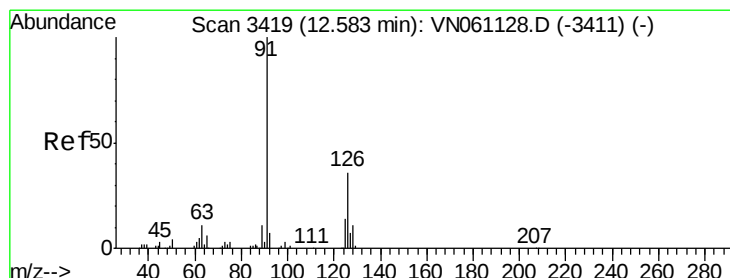
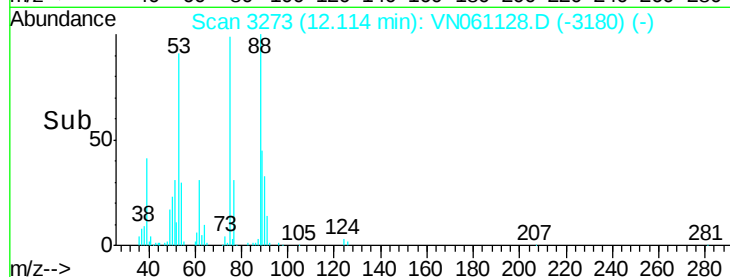
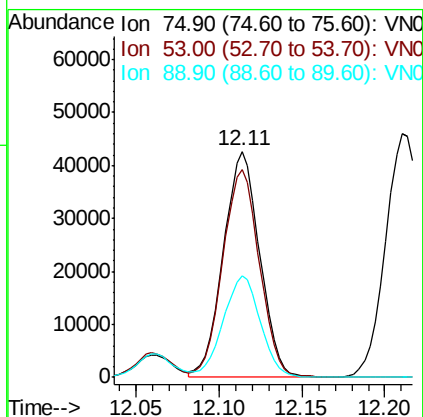
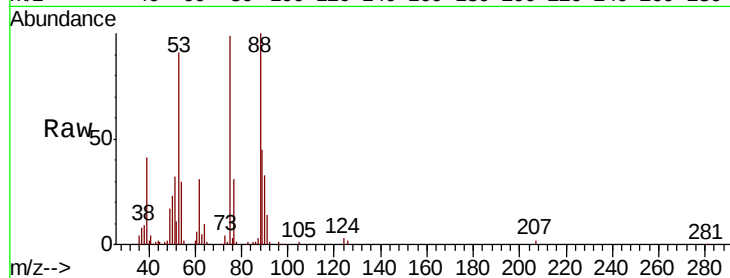
Tot Ion: 75 Resp: 65162

Ion Ratio Lower Upper

75 100

53 92.9 74.3 111.5

89 45.8 36.6 55.0



#82

4-Chlorotoluene

Concen: 47.843 ug/l

RT: 12.58 min Scan# 3419

Delta R.T. 0.00 min

Lab File: VN061128.D

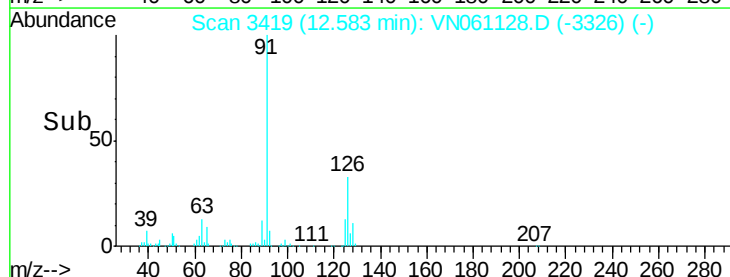
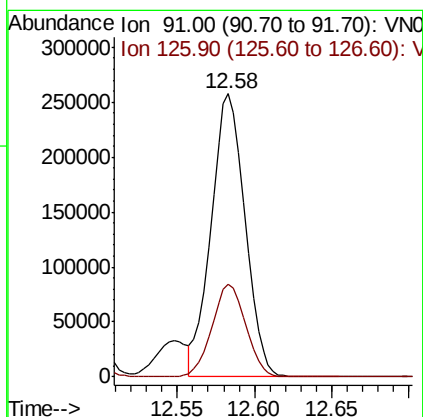
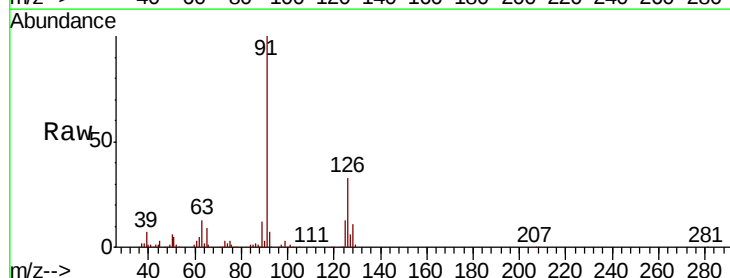
Acq: 22 Apr 2020 14:21

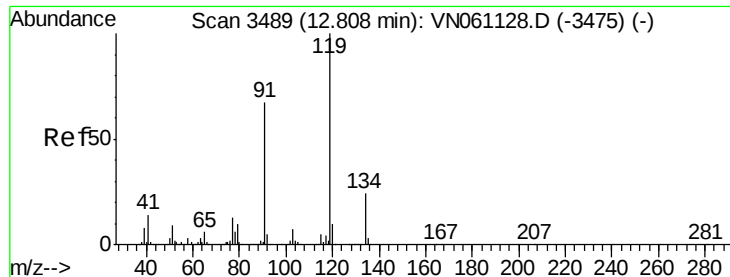
Tgt Ion: 91 Resp: 392698

Ion Ratio Lower Upper

91 100

126 32.8 16.4 49.2

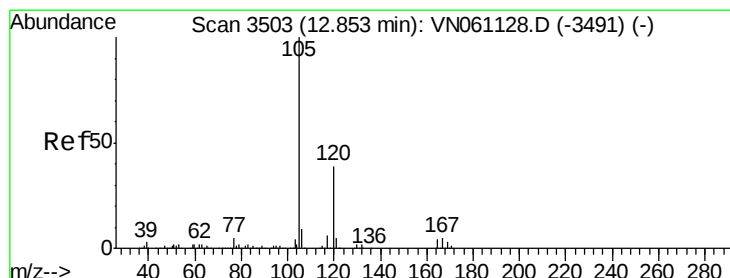
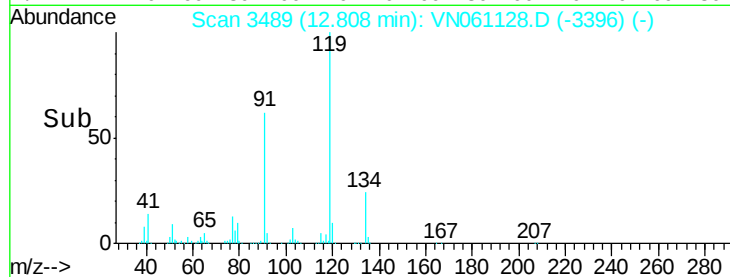
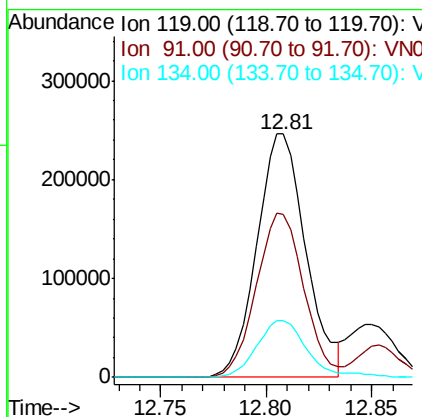
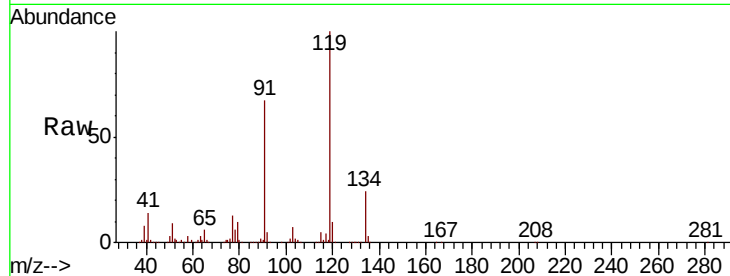




#83
 tert-Butylbenzene
 Concen: 49.183 ug/l
 RT: 12.81 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN061128.D
 Acq: 22 Apr 2020 14:21

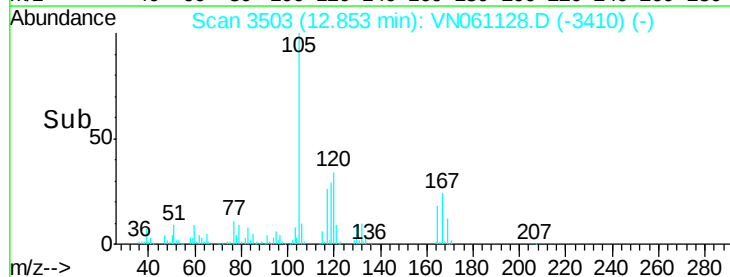
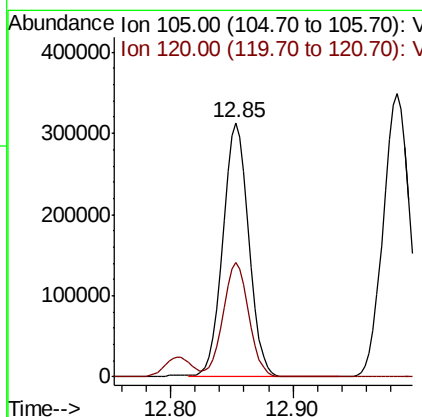
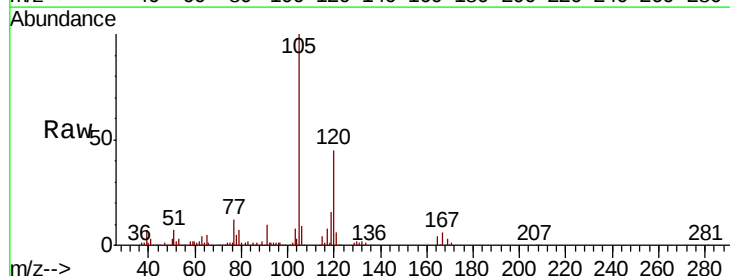
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

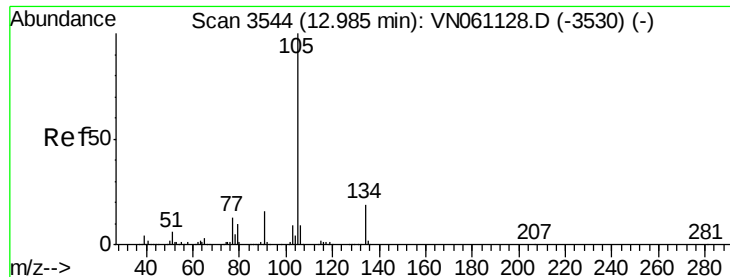
Tot Ion:119	Resp:	396559
Ion Ratio	Lower	Upper
119	100	
91	65.6	32.8 98.4
134	24.3	12.2 36.4



#84
 1,2,4-Trimethylbenzene
 Concen: 49.426 ug/l
 RT: 12.85 min Scan# 3503
 Delta R.T. 0.00 min
 Lab File: VN061128.D
 Acq: 22 Apr 2020 14:21

Tgt Ion:105	Resp:	467125
Ion Ratio	Lower	Upper
105	100	
120	44.7	22.4 67.0





#85

sec-Butylbenzene

Concen: 49.080 ug/l

RT: 12.99 min Scan# 3544

Delta R.T. 0.00 min

Lab File: VN061128.D

Acq: 22 Apr 2020 14:21

Instrument :

MSVOA_N

ClientSampleId :

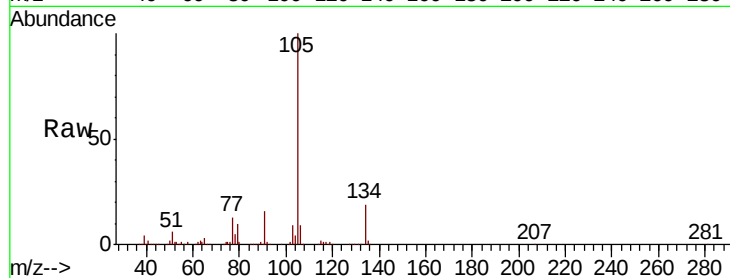
VSTDICCC050

Tot Ion:105 Resp: 534266

Ion Ratio Lower Upper

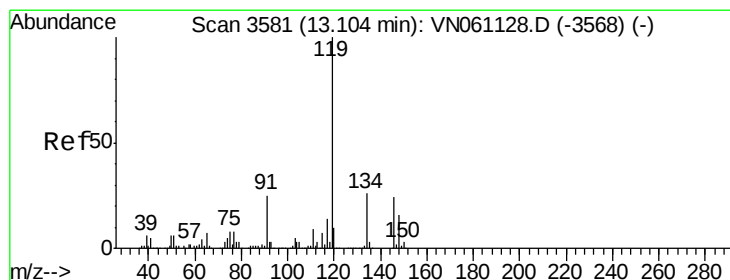
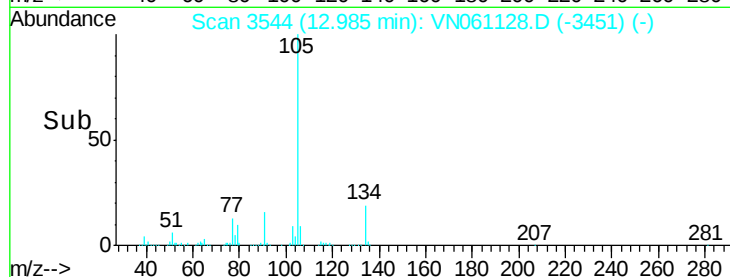
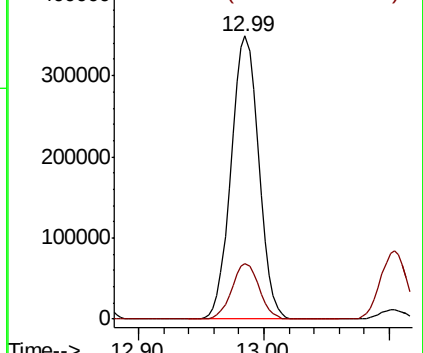
105 100

134 19.3 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.775 ug/l

RT: 13.10 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN061128.D

Acq: 22 Apr 2020 14:21

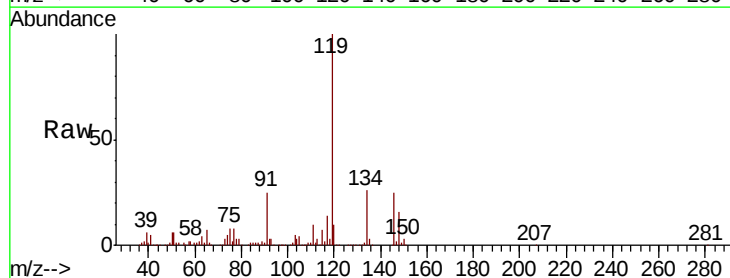
Tgt Ion:119 Resp: 483798

Ion Ratio Lower Upper

119 100

134 26.0 13.0 39.0

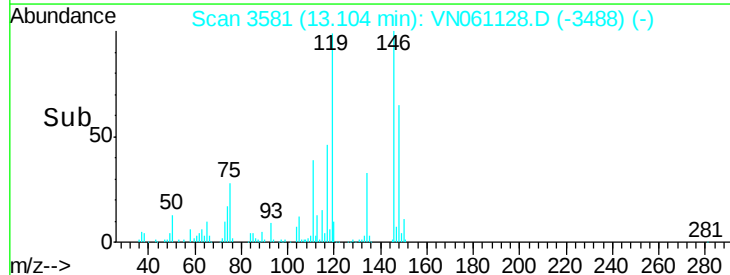
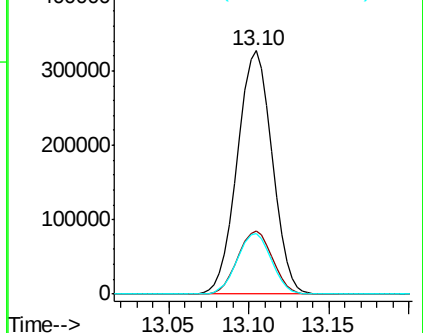
91 24.7 12.4 37.0

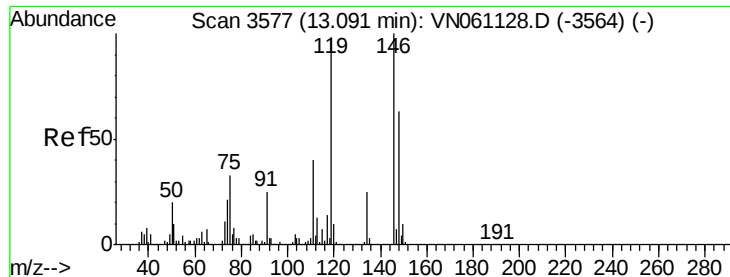


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 49.378 ug/l

RT: 13.09 min Scan# 3577

Delta R.T. 0.00 min

Lab File: VN061128.D

Acq: 22 Apr 2020 14:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

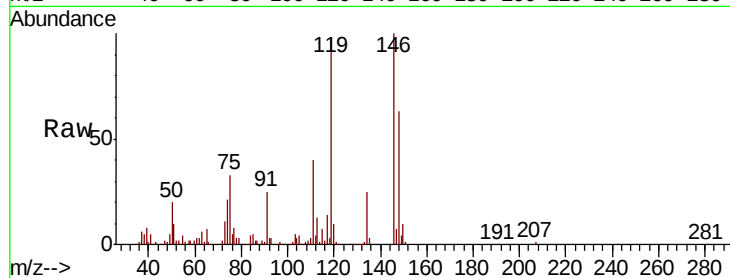
Tot Ion:146 Resp: 238450

Ion Ratio Lower Upper

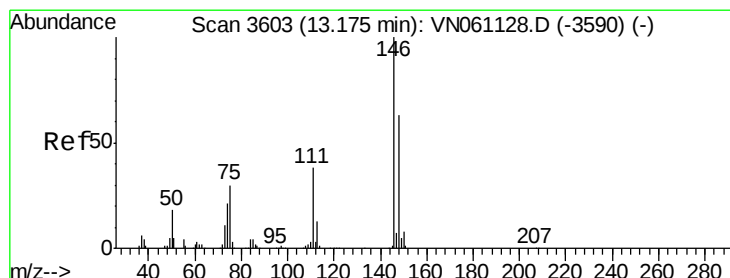
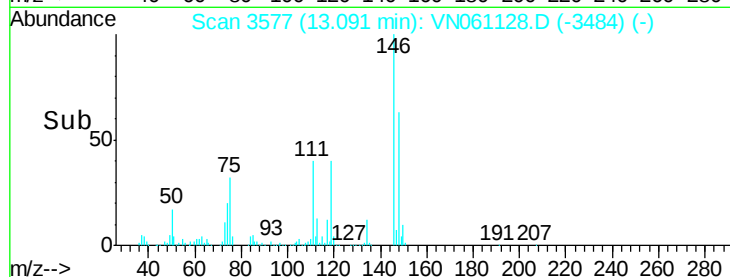
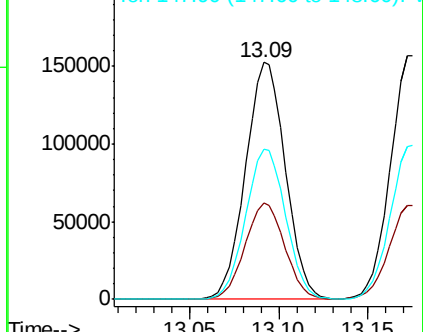
146 100

111 40.6 20.3 60.9

148 63.7 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 49.429 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN061128.D

Acq: 22 Apr 2020 14:21

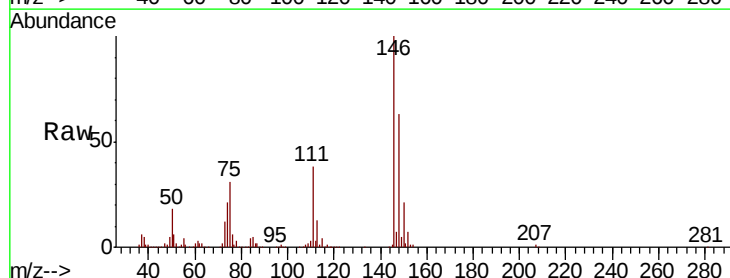
Tgt Ion:146 Resp: 240680

Ion Ratio Lower Upper

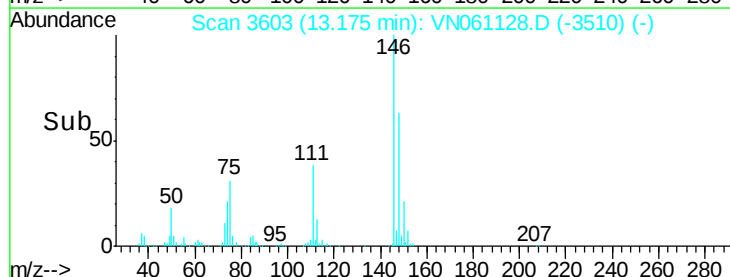
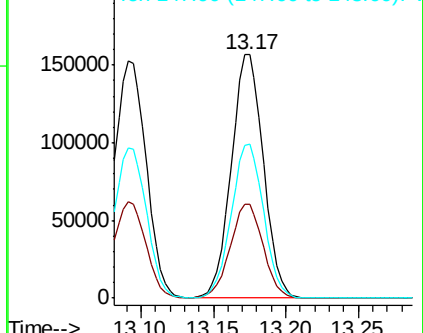
146 100

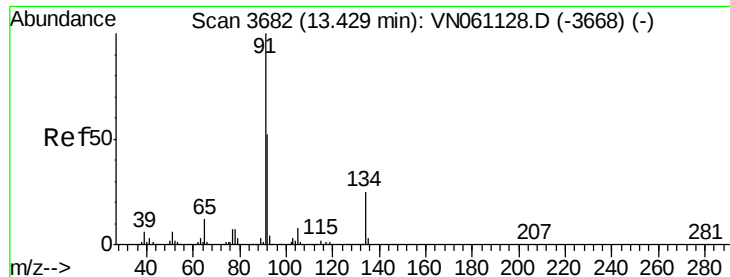
111 39.4 19.7 59.1

148 63.5 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

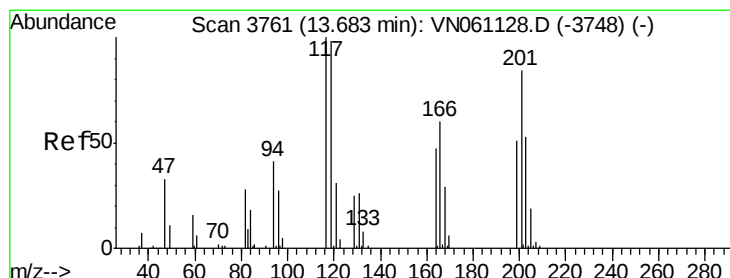
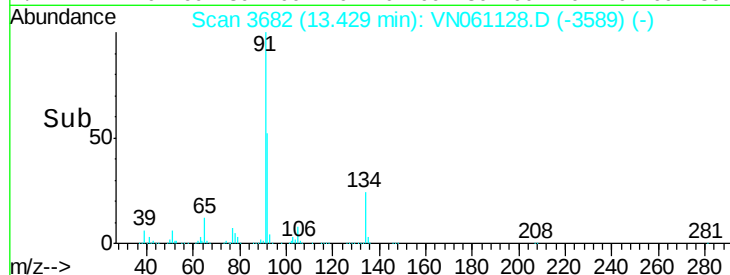
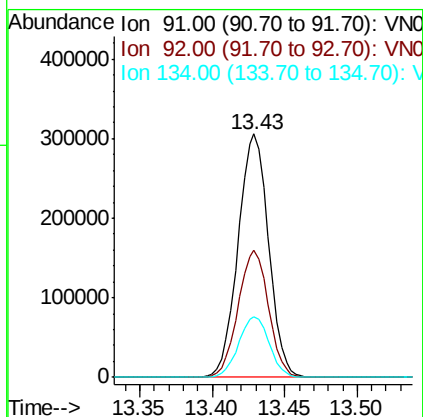
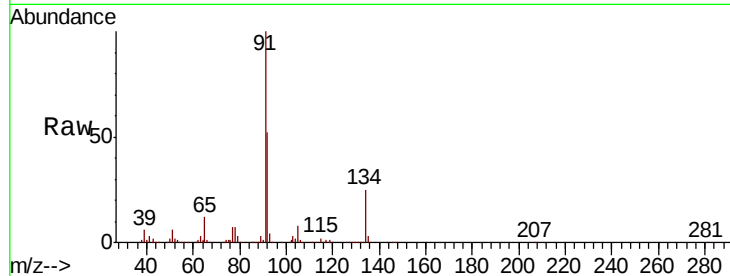




#89
n-Butylbenzene
Concen: 49.561 ug/l
RT: 13.43 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN061128.D
Acq: 22 Apr 2020 14:21

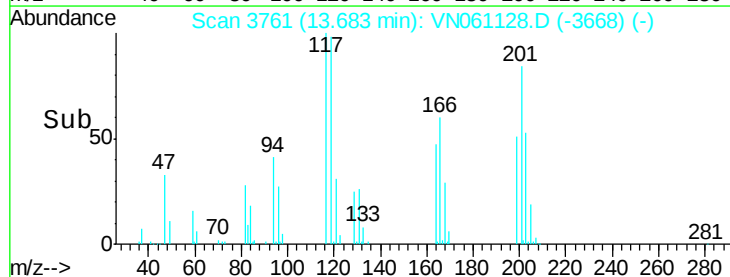
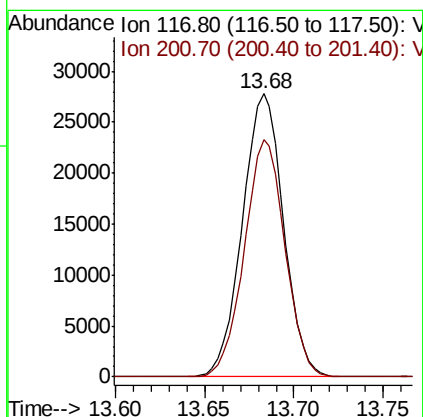
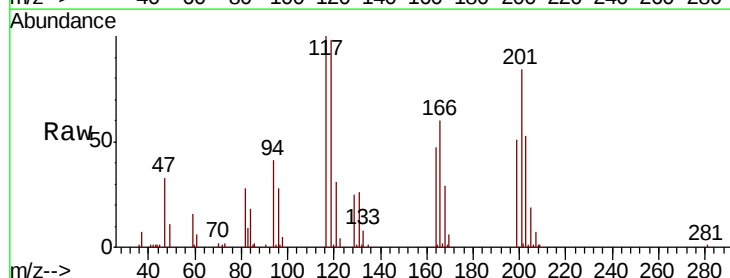
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

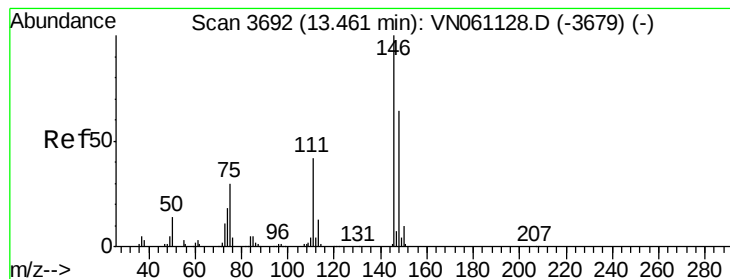
Tot Ion: 91 Resp: 446188
Ion Ratio Lower Upper
91 100
92 52.1 26.1 78.2
134 25.1 12.6 37.6



#90
Hexachloroethane
Concen: 31.995 ug/l
RT: 13.68 min Scan# 3761
Delta R.T. 0.00 min
Lab File: VN061128.D
Acq: 22 Apr 2020 14:21

Tgt Ion: 117 Resp: 44598
Ion Ratio Lower Upper
117 100
201 82.9 41.4 124.4





#91

1,2-Dichlorobenzene

Concen: 48.910 ug/l

RT: 13.46 min Scan# 3692

Delta R.T. 0.00 min

Lab File: VN061128.D

Acq: 22 Apr 2020 14:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

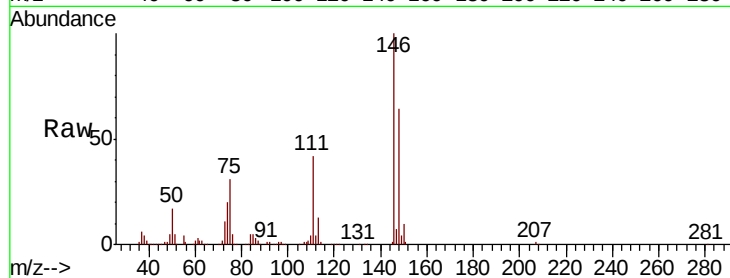
Tot Ion:146 Resp: 224970

Ion Ratio Lower Upper

146 100

111 41.5 20.8 62.2

148 63.4 31.7 95.1

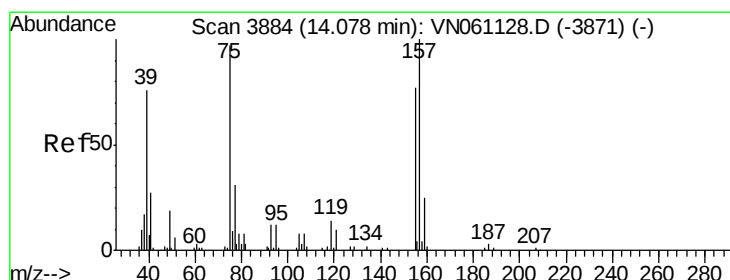
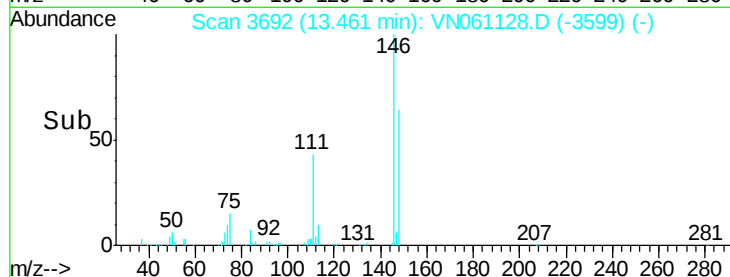
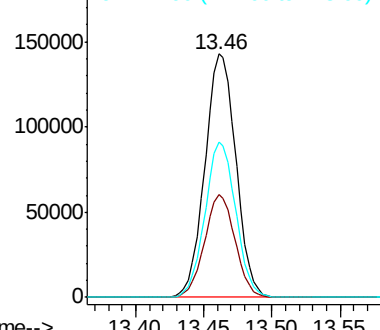


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.683 ug/l

RT: 14.08 min Scan# 3884

Delta R.T. 0.00 min

Lab File: VN061128.D

Acq: 22 Apr 2020 14:21

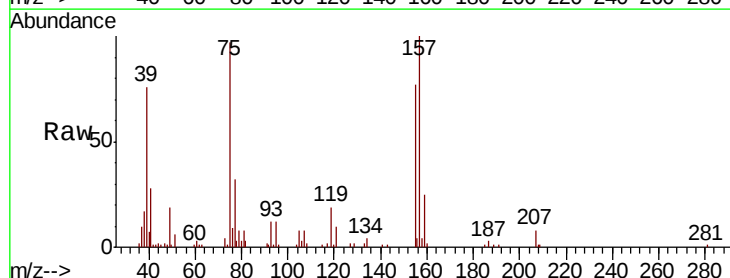
Tgt Ion: 75 Resp: 32919

Ion Ratio Lower Upper

75 100

155 80.6 40.3 120.9

157 103.2 51.6 154.8

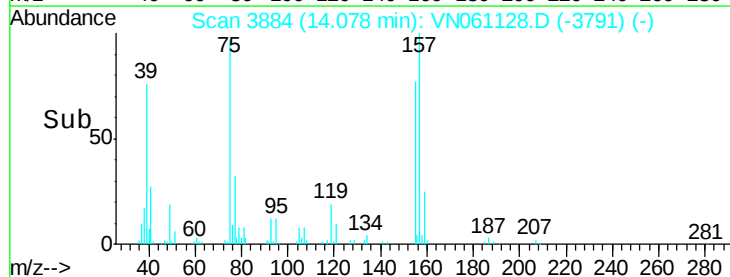
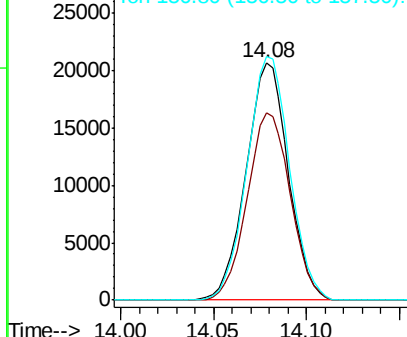


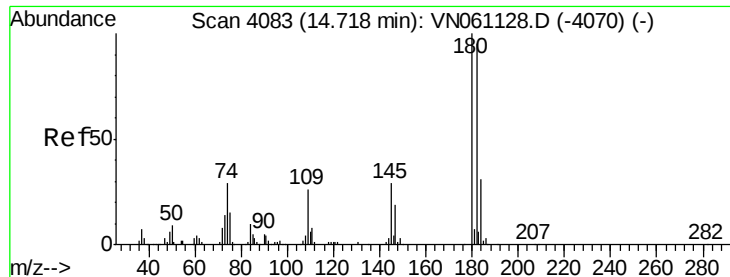
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 53.766 ug/l

RT: 14.72 min Scan# 4083

Delta R.T. 0.00 min

Lab File: VN061128.D

Acq: 22 Apr 2020 14:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

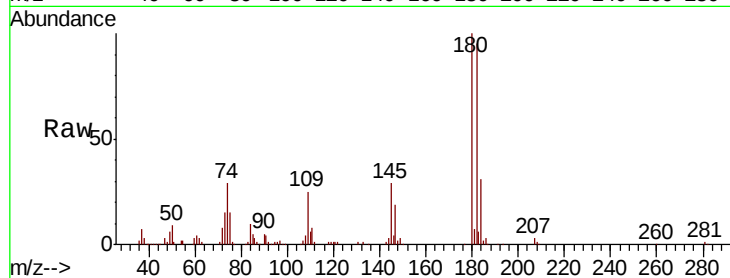
Tot Ion:180 Resp: 147650

Ion Ratio Lower Upper

180 100

182 95.8 47.9 143.7

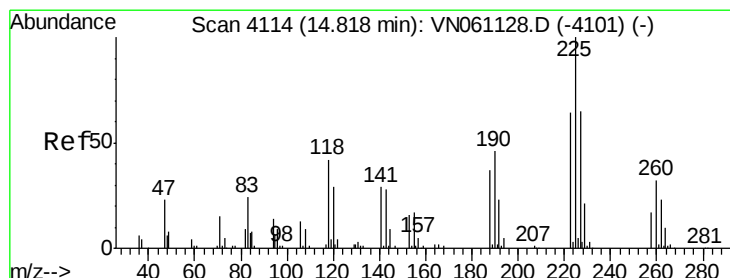
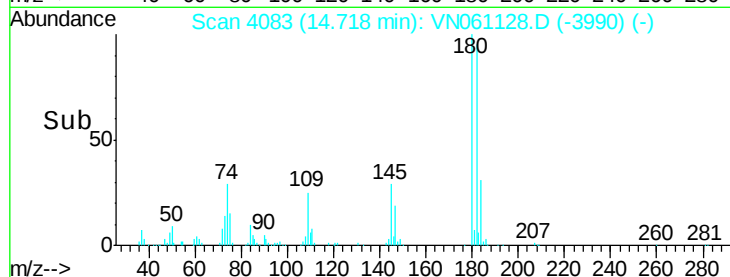
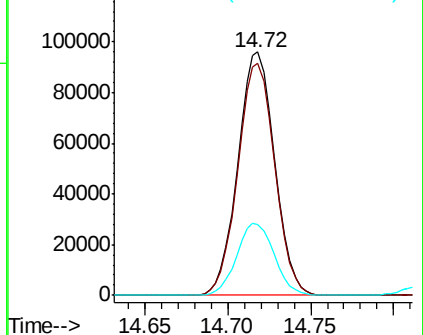
145 30.3 15.2 45.5



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: 46.274 ug/l

RT: 14.82 min Scan# 4114

Delta R.T. 0.00 min

Lab File: VN061128.D

Acq: 22 Apr 2020 14:21

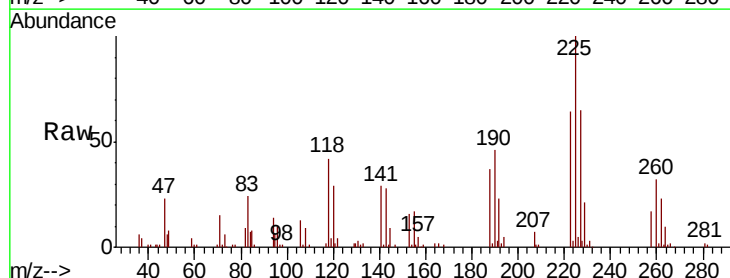
Tgt Ion:225 Resp: 63993

Ion Ratio Lower Upper

225 100

223 63.3 31.6 95.0

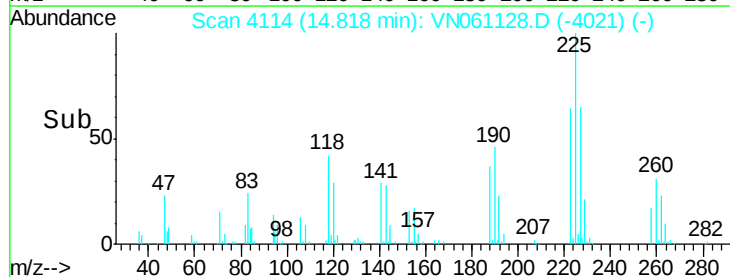
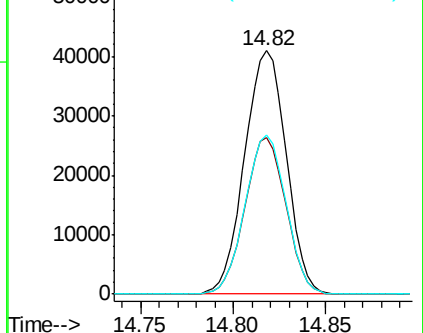
227 64.1 32.0 96.2

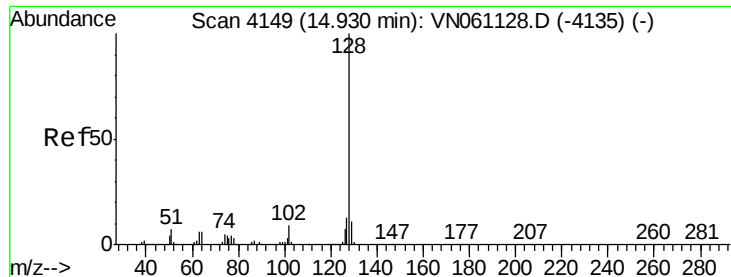


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 57.201 ug/l

RT: 14.93 min Scan# 4149

Delta R.T. 0.00 min

Lab File: VN061128.D

Acq: 22 Apr 2020 14:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

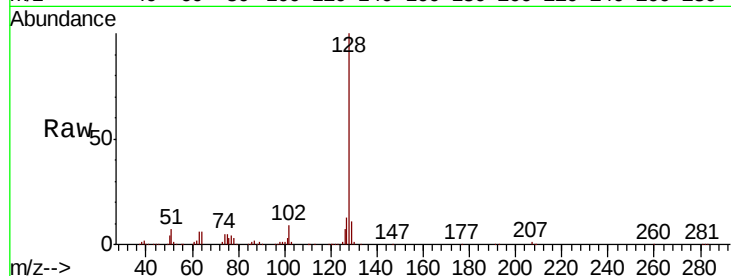
Tot Ion:128 Resp: 464476

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

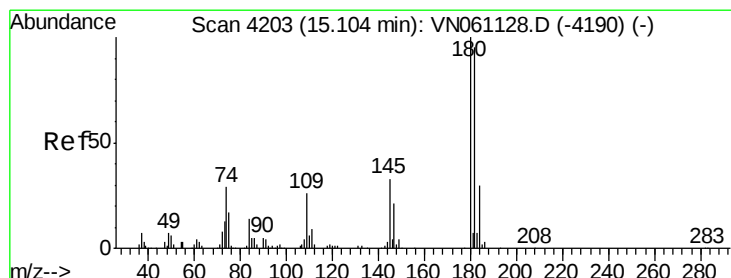
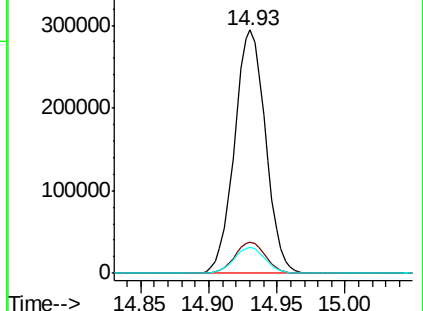
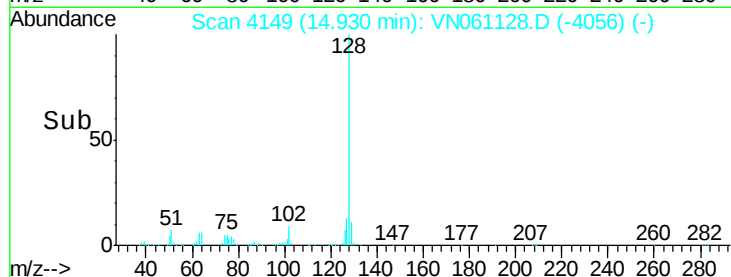
129 10.7 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 53.605 ug/l

RT: 15.10 min Scan# 4203

Delta R.T. 0.00 min

Lab File: VN061128.D

Acq: 22 Apr 2020 14:21

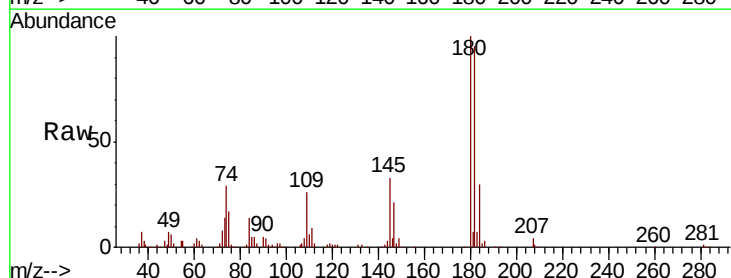
Tgt Ion:180 Resp: 141947

Ion Ratio Lower Upper

180 100

182 95.4 47.7 143.1

145 32.5 16.3 48.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

