

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042219\
 Data File : VN055190.D
 Acq On : 22 Apr 2019 19:00
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 23 06:04:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042219W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 05:52:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	417101	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	677931	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	587263	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	247691	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	288500	51.10	ug/l	0.00
Spiked Amount			Recovery	=	102.20%	
35) Dibromofluoromethane	7.59	113	227948	49.49	ug/l	0.00
Spiked Amount			Recovery	=	98.98%	
50) Toluene-d8	10.09	98	849413	49.78	ug/l	0.00
Spiked Amount			Recovery	=	99.56%	
62) 4-Bromofluorobenzene	12.40	95	278471	51.53	ug/l	0.00
Spiked Amount			Recovery	=	103.06%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	287464	53.528	ug/l	98
3) Chloromethane	2.06	50	339349	51.568	ug/l	99
4) Vinyl Chloride	2.19	62	267917	50.809	ug/l	99
5) Bromomethane	2.55	94	140469	45.935	ug/l	98
6) Chloroethane	2.70	64	140513	50.559	ug/l	92
7) Trichlorofluoromethane	3.02	101	361451	50.371	ug/l	97
8) Diethyl Ether	3.41	74	135204	52.789	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.76	101	216306	48.307	ug/l	100
10) Methyl Iodide	3.95	142	336045	53.517	ug/l	99
11) Tert butyl alcohol	4.79	59	94639	287.136	ug/l	98
12) 1,1-Dichloroethene	3.74	96	217394	50.660	ug/l	98
13) Acrolein	3.61	56	142810	287.558	ug/l	99
14) Allyl chloride	4.33	41	437145	51.530	ug/l	99
15) Acrylonitrile	4.99	53	495206	273.958	ug/l	99
16) Acetone	3.82	43	384412	205.973	ug/l	98
17) Carbon Disulfide	4.06	76	612065	51.018	ug/l	100
18) Methyl Acetate	4.33	43	221111	55.253	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	637791	53.756	ug/l	98
20) Methylene Chloride	4.55	84	255026	47.532	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	230397	51.200	ug/l	98
22) Diisopropyl ether	5.95	45	882353	52.180	ug/l	99
23) Vinyl Acetate	5.90	43	3257263	286.646	ug/l	99
24) 1,1-Dichloroethane	5.85	63	456905	50.234	ug/l	99
25) 2-Butanone	6.84	43	606320	251.639	ug/l	99
26) 2,2-Dichloropropane	6.83	77	288001	46.791	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	261930	50.495	ug/l	99
28) Bromochloromethane	7.19	49	234839	50.650	ug/l	100
29) Tetrahydrofuran	7.21	42	412164	278.215	ug/l	100
30) Chloroform	7.37	83	429509	49.643	ug/l	98
31) Cyclohexane	7.65	56	437660	51.434	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	360078	51.804	ug/l	100
36) 1,1-Dichloropropene	7.79	75	326949	51.961	ug/l	99
37) Ethyl Acetate	6.93	43	267703	52.718	ug/l	99
38) Carbon Tetrachloride	7.78	117	306852	52.077	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	360304	47.999	ug/l	99
40) Benzene	8.04	78	989241	50.930	ug/l	99
41) Methacrylonitrile	7.17	41	111625	41.928	ug/l #	75
42) 1,2-Dichloroethane	8.12	62	340733	50.283	ug/l	100
43) Isopropyl Acetate	8.17	43	468424	56.965	ug/l	99
44) Trichloroethene	8.83	130	245656	50.038	ug/l	100
45) 1,2-Dichloropropane	9.12	63	278167	50.734	ug/l	98
46) Dibromomethane	9.21	93	157904	50.309	ug/l	99
47) Bromodichloromethane	9.40	83	327265	52.085	ug/l	99
48) Methyl methacrylate	9.20	41	215588	54.048	ug/l	97
49) 1,4-Dioxane	9.20	88	47963	1041.230	ug/l	99
51) 4-Methyl-2-Pentanone	9.98	43	1292329	273.116	ug/l	99
52) Toluene	10.16	92	579002	50.848	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	321898	55.824	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	378679	52.920	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	217697	51.857	ug/l	98
56) Ethyl methacrylate	10.43	69	297822	56.949	ug/l	99
57) 1,3-Dichloropropane	10.71	76	381821	52.276	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	490374	243.650	ug/l	99
59) 2-Hexanone	10.75	43	814947	272.665	ug/l	99
60) Dibromochloromethane	10.90	129	229071	52.976	ug/l	99
61) 1,2-Dibromoethane	11.00	107	212346	53.800	ug/l	99
64) Tetrachloroethene	10.63	164	231307	48.282	ug/l	99
65) Chlorobenzene	11.43	112	581129	48.481	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	226321	50.943	ug/l	99
67) Ethyl Benzene	11.51	91	1080890	50.622	ug/l	99
68) m/p-Xylenes	11.62	106	793116	103.565	ug/l	98
69) o-Xylene	11.95	106	386130	50.807	ug/l	99
70) Styrene	11.96	104	641986	54.496	ug/l	99
71) Bromoform	12.13	173	145921	55.041	ug/l #	98
73) Isopropylbenzene	12.25	105	1026118	51.631	ug/l	100
74) N-amyl acetate	12.07	43	349647	54.752	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	274333	54.696	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	321091	63.899	ug/l #	100
77) Bromobenzene	12.53	156	249559	45.639	ug/l	100
78) n-propylbenzene	12.59	91	1133789	45.643	ug/l	100
79) 2-Chlorotoluene	12.67	91	699076	44.569	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	849617	45.821	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	65456	49.380	ug/l	95
82) 4-Chlorotoluene	12.77	91	674791	46.758	ug/l	100
83) tert-Butylbenzene	12.99	119	717801	51.589	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	827131	47.270	ug/l	99
85) sec-Butylbenzene	13.17	105	921527	43.930	ug/l	100
86) p-Isopropyltoluene	13.29	119	803805	46.511	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	403766	48.101	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	393563	48.157	ug/l	98
89) n-Butylbenzene	13.61	91	638133	49.816	ug/l	98
90) Hexachloroethane	13.87	117	137251	44.780	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	404080	46.867	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	38677	51.423	ug/l	99

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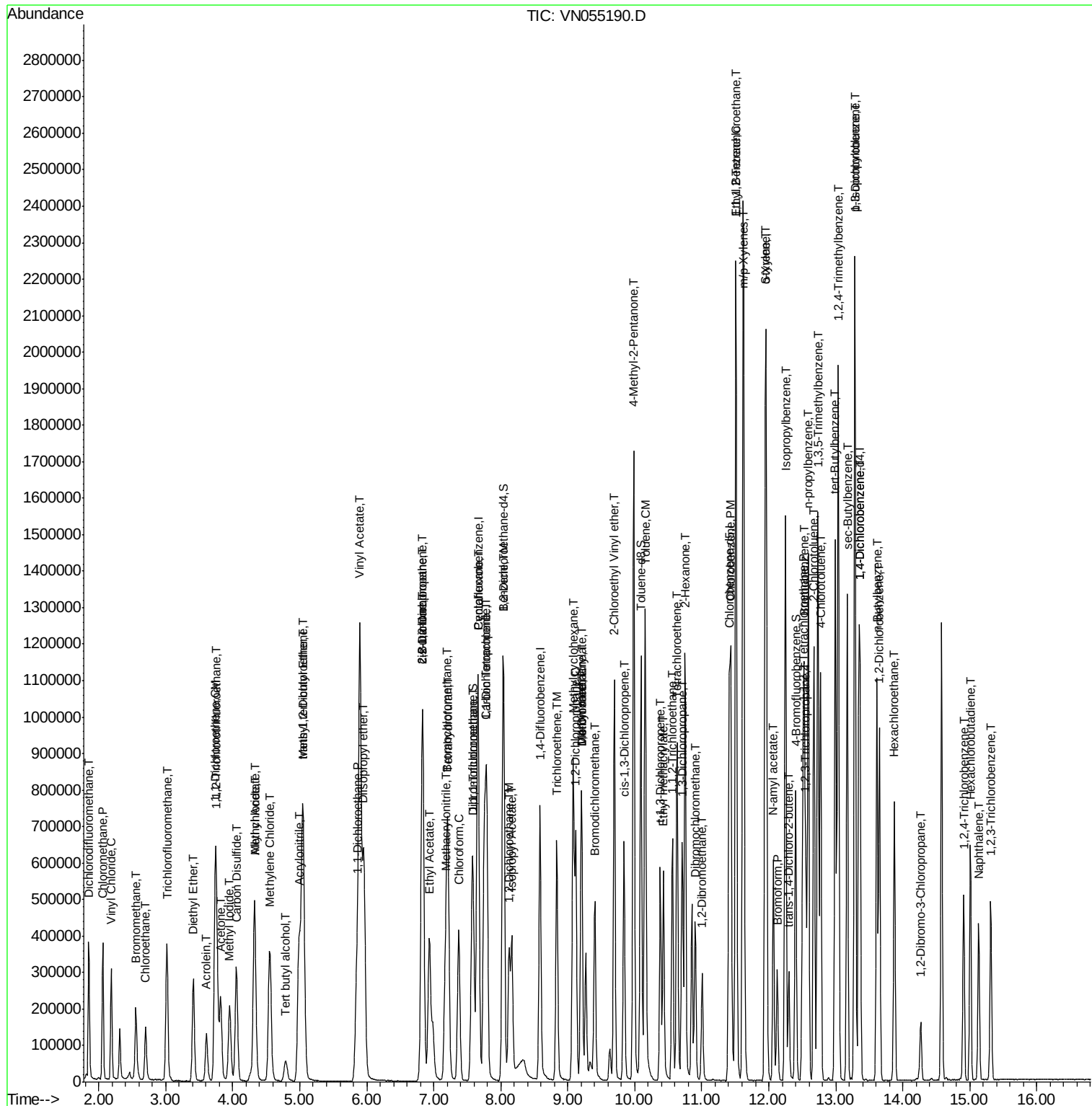
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	167316	46.157	ug/l	99
94) Hexachlorobutadiene	15.01	225	126524	50.433	ug/l	100
95) Naphthalene	15.13	128	367317	46.393	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	172879	47.883	ug/l	100

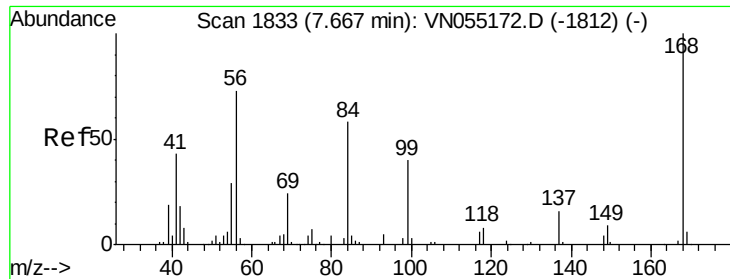
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN055190.D

Acq: 22 Apr 2019 19:00

Instrument :

MSVOA_N

ClientSampleId :

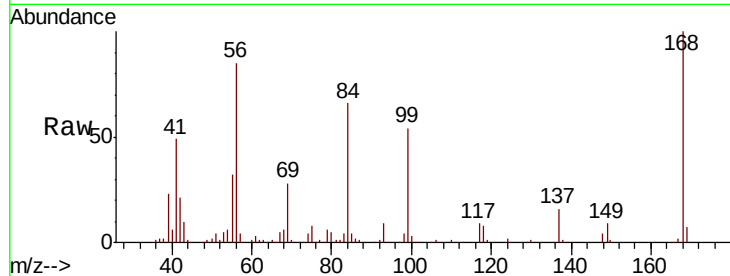
VSTDCCC050EC

Tot Ion:168 Resp: 417101

Ion Ratio Lower Upper

168 100

99 53.9 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

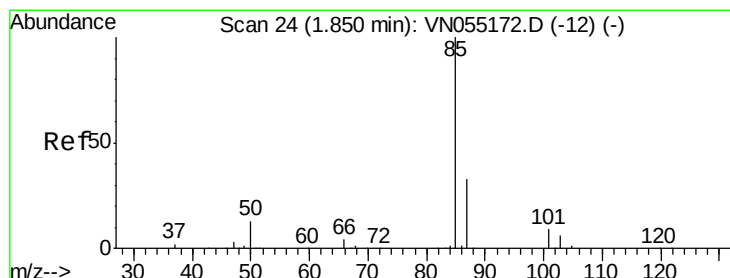
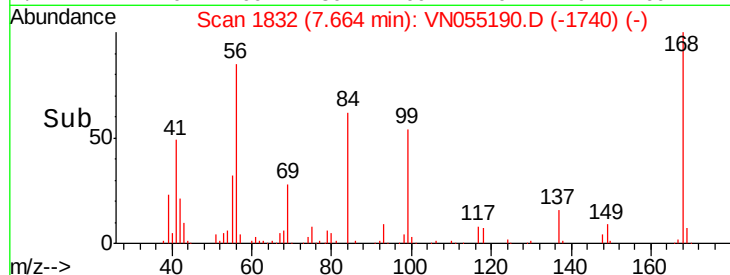
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 53.528 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN055190.D

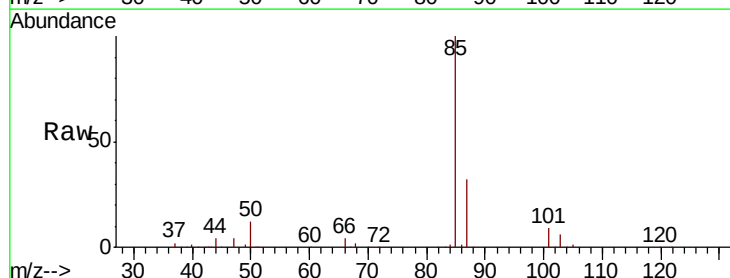
Acq: 22 Apr 2019 19:00

Tgt Ion: 85 Resp: 287464

Ion Ratio Lower Upper

85 100

87 31.7 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

250000

200000

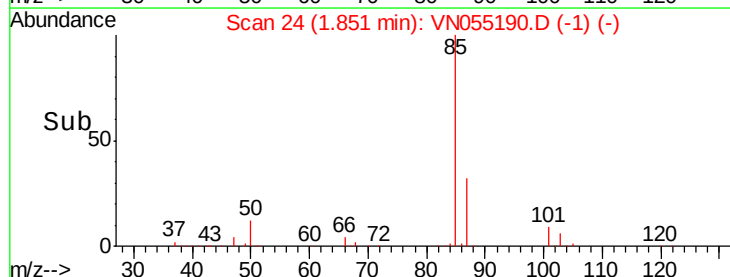
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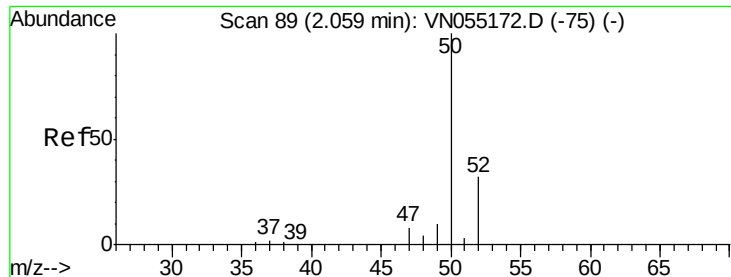
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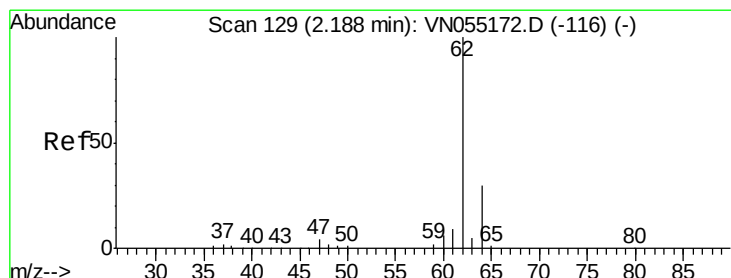
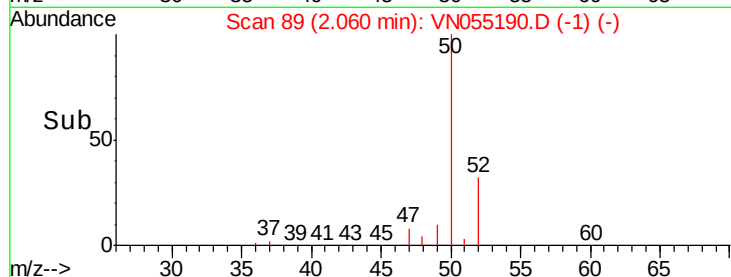
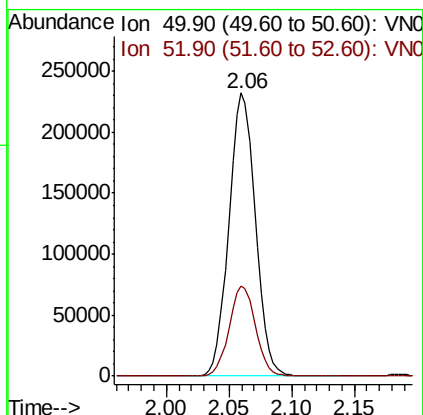
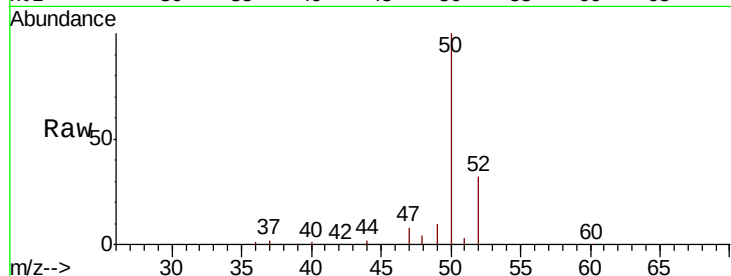




#3
Chloromethane
Concen: 51.568 ug/l
RT: 2.06 min Scan# 89
Delta R.T. 0.00 min
Lab File: VN055190.D
Acq: 22 Apr 2019 19:00

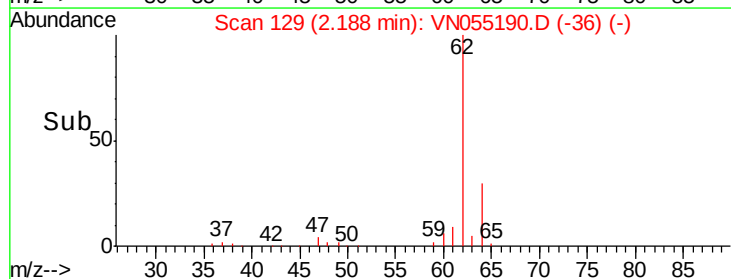
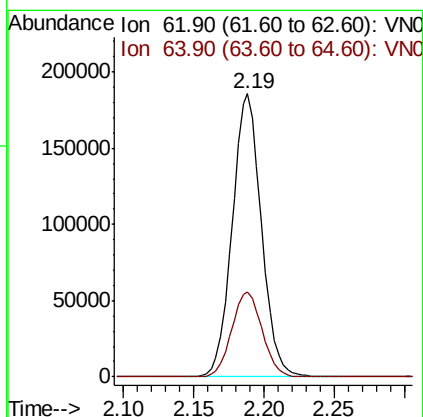
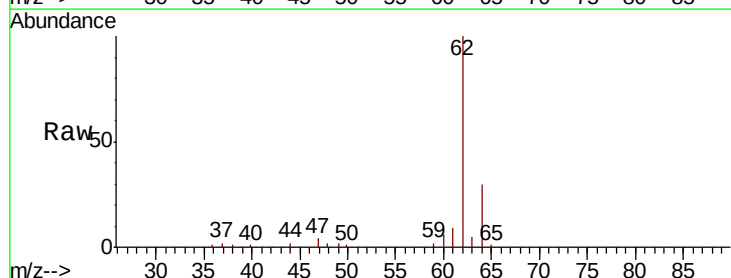
Instrument :
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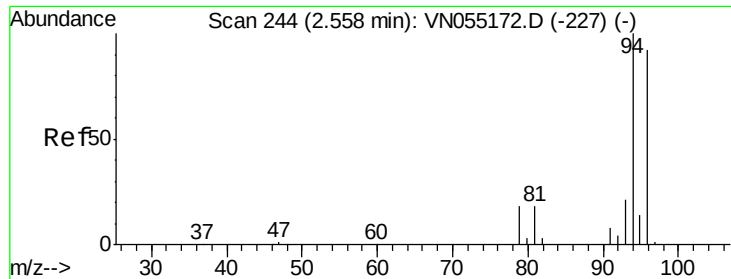
Tot Ion: 50 Resp: 339349
Ion Ratio Lower Upper
50 100
52 31.9 25.8 38.6



#4
Vinyl Chloride
Concen: 50.809 ug/l
RT: 2.19 min Scan# 129
Delta R.T. 0.00 min
Lab File: VN055190.D
Acq: 22 Apr 2019 19:00

Tgt Ion: 62 Resp: 267917
Ion Ratio Lower Upper
62 100
64 29.9 24.2 36.4

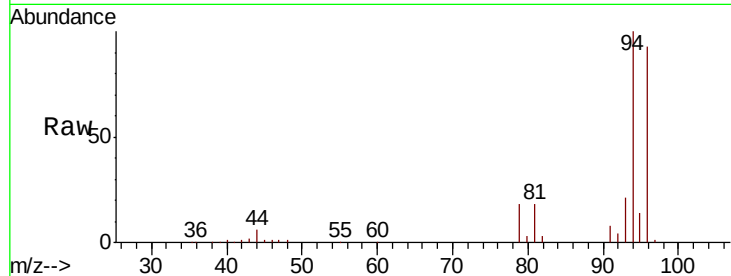




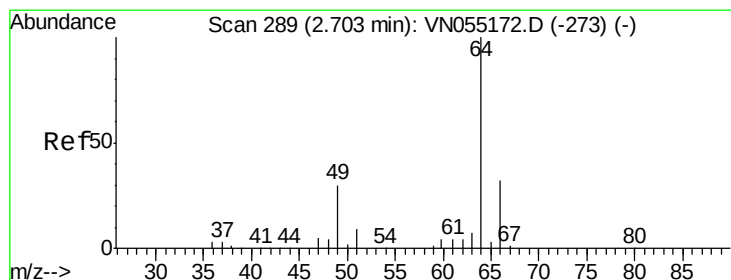
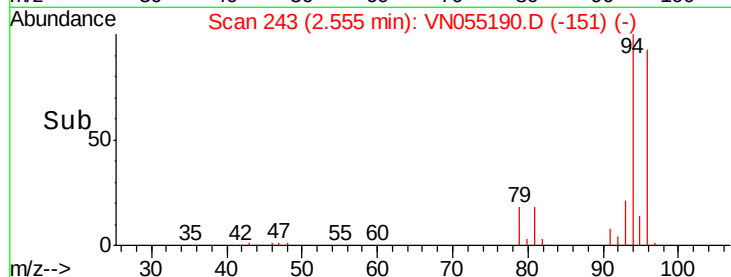
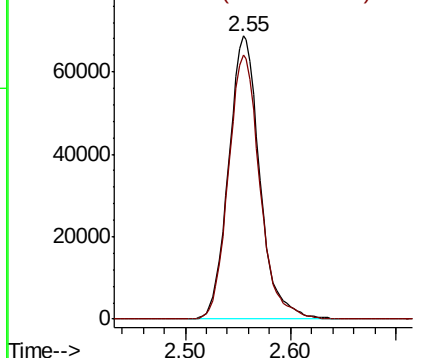
#5
Bromomethane
Concen: 45.935 ug/l
RT: 2.55 min Scan# 243
Delta R.T. -0.00 min
Lab File: VN055190.D
Acq: 22 Apr 2019 19:00

Instrument :
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Tot Ion: 94 Resp: 140469
Ion Ratio Lower Upper
94 100
96 93.4 73.4 110.2

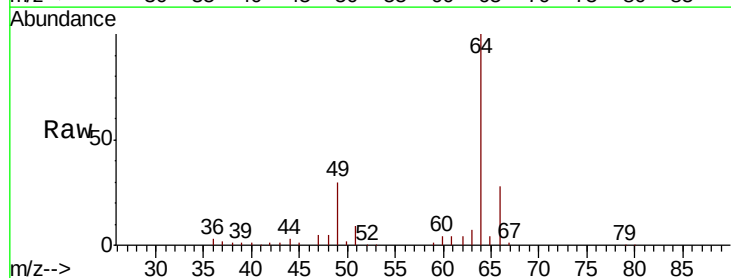


Abundance Ion 93.90 (93.60 to 94.60): VN0
Ion 95.90 (95.60 to 96.60): VN0

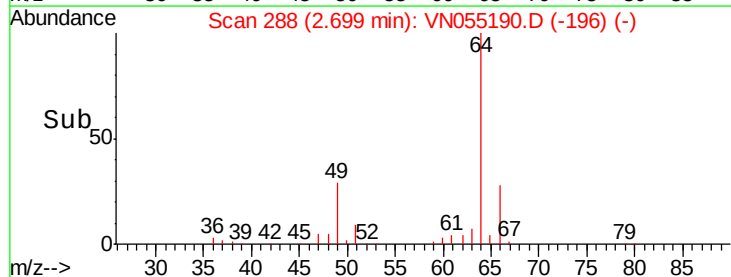
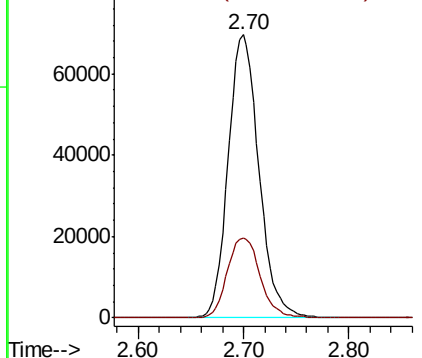


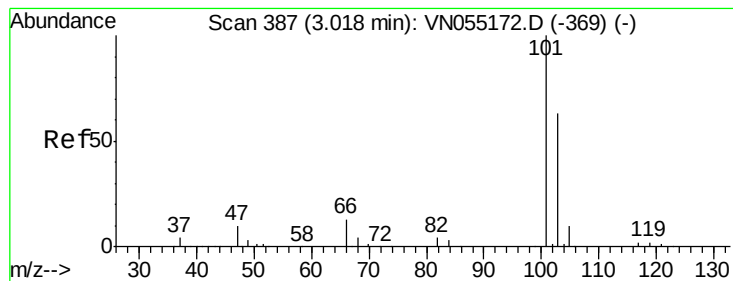
#6
Chloroethane
Concen: 50.559 ug/l
RT: 2.70 min Scan# 288
Delta R.T. -0.00 min
Lab File: VN055190.D
Acq: 22 Apr 2019 19:00

Tgt Ion: 64 Resp: 140513
Ion Ratio Lower Upper
64 100
66 28.2 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VN0
Ion 65.90 (65.60 to 66.60): VN0



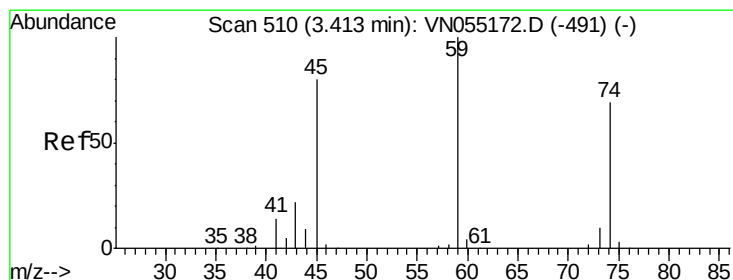
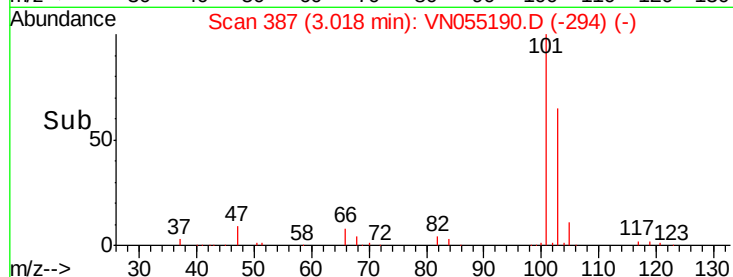
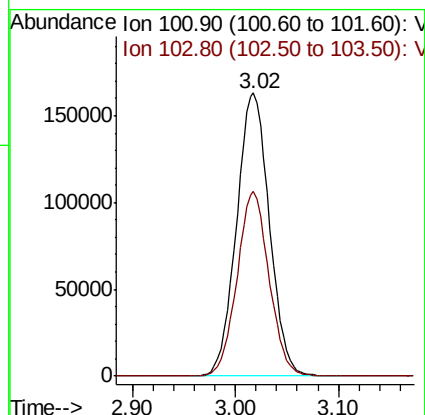
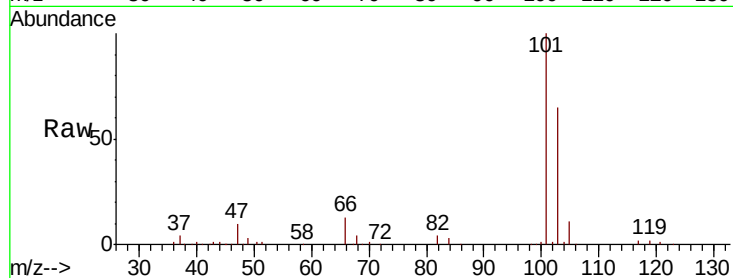


#7

Trichlorofluoromethane
 Concen: 50.371 ug/l
 RT: 3.02 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: VN055190.D
 Acq: 22 Apr 2019 19:00

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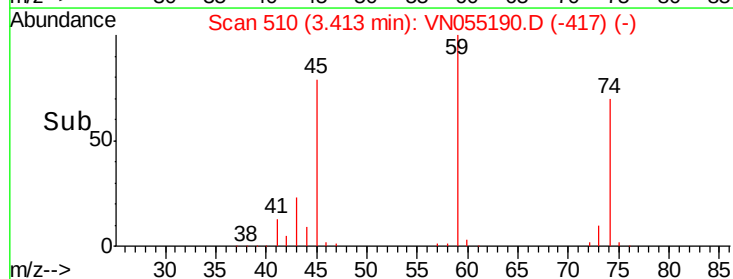
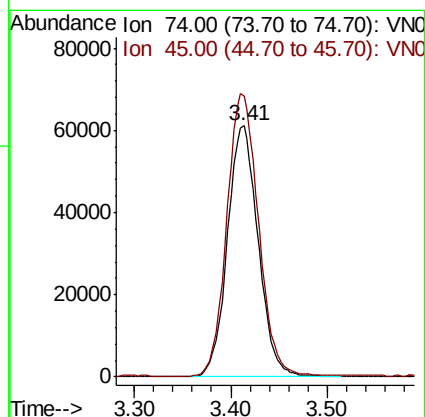
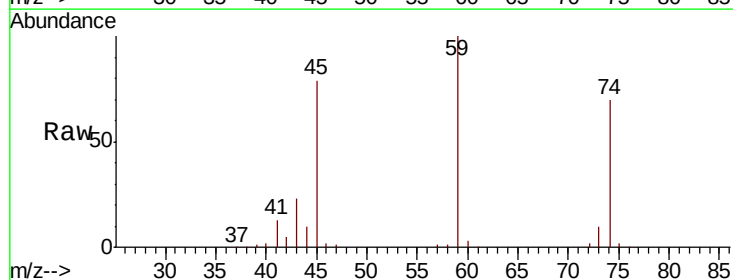
Tot Ion: 101 Resp: 361451
 Ion Ratio Lower Upper
 101 100
 103 65.2 50.1 75.1

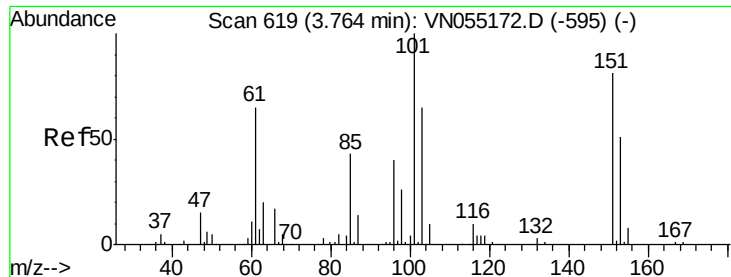


#8

Diethyl Ether
 Concen: 52.789 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VN055190.D
 Acq: 22 Apr 2019 19:00

Tgt Ion: 74 Resp: 135204
 Ion Ratio Lower Upper
 74 100
 45 115.3 56.9 170.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.307 ug/l

RT: 3.76 min Scan# 618

Delta R.T. -0.00 min

Lab File: VN055190.D

Acq: 22 Apr 2019 19:00

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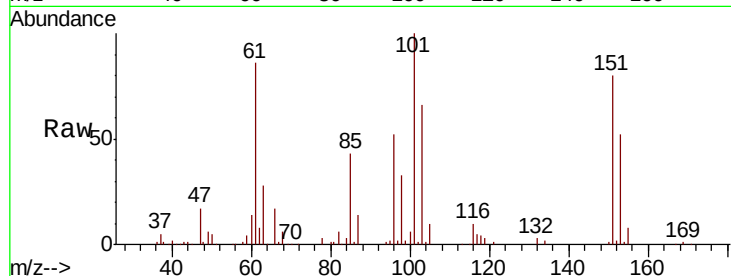
Tot Ion:101 Resp: 216306

Ion Ratio Lower Upper

101 100

85 43.0 34.9 52.3

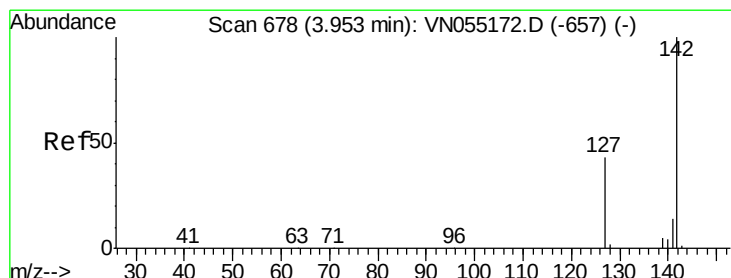
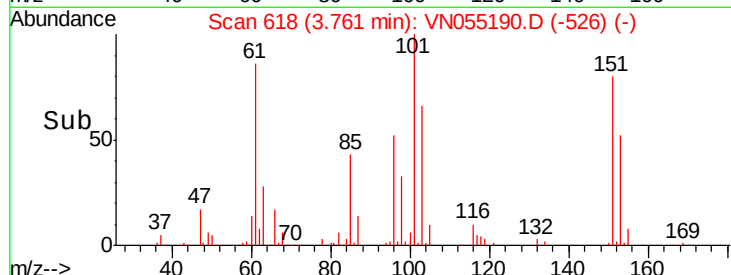
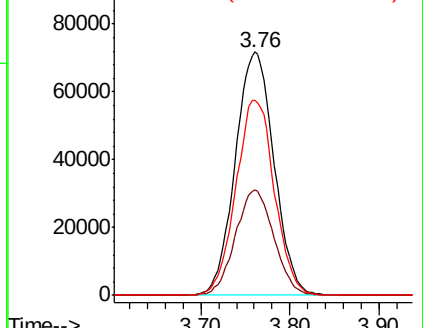
151 79.7 63.8 95.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 53.517 ug/l

RT: 3.95 min Scan# 678

Delta R.T. 0.00 min

Lab File: VN055190.D

Acq: 22 Apr 2019 19:00

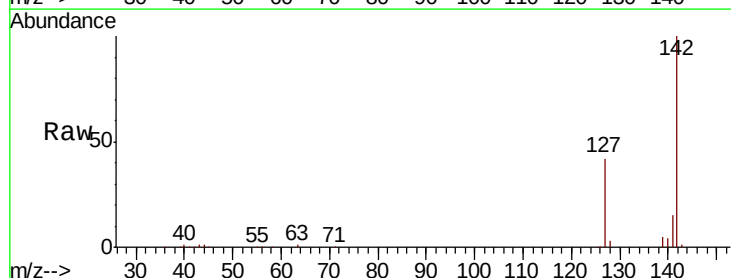
Tgt Ion:142 Resp: 336045

Ion Ratio Lower Upper

142 100

127 42.1 34.1 51.1

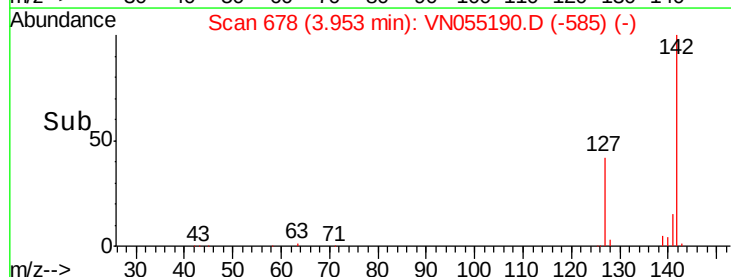
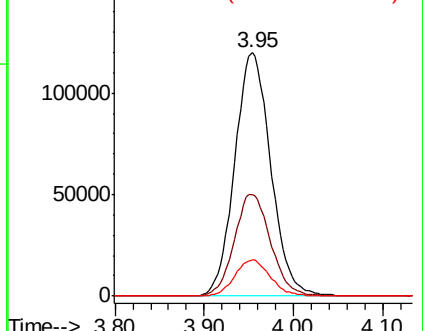
141 14.7 11.4 17.2

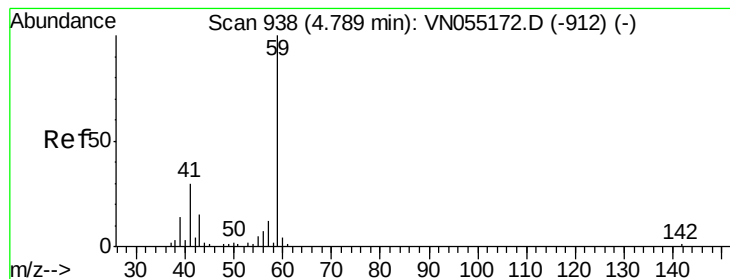


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



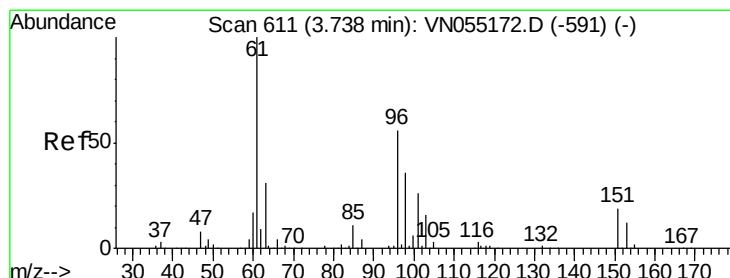
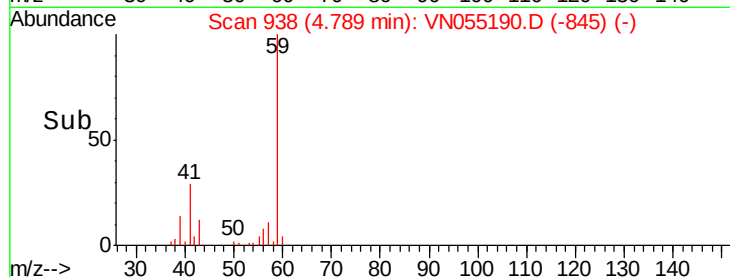
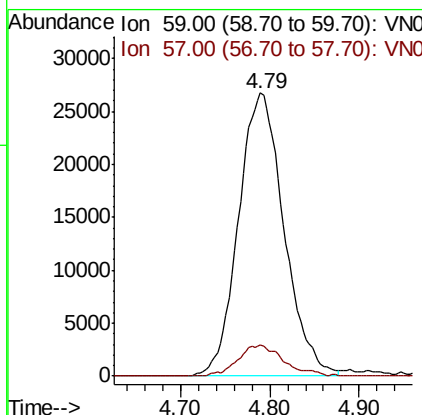
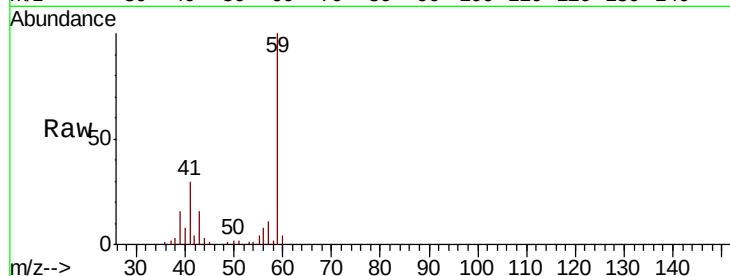


#11

Tert butyl alcohol
 Concen: 287.136 ug/l
 RT: 4.79 min Scan# 938
 Delta R.T. 0.00 min
 Lab File: VN055190.D
 Acq: 22 Apr 2019 19:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

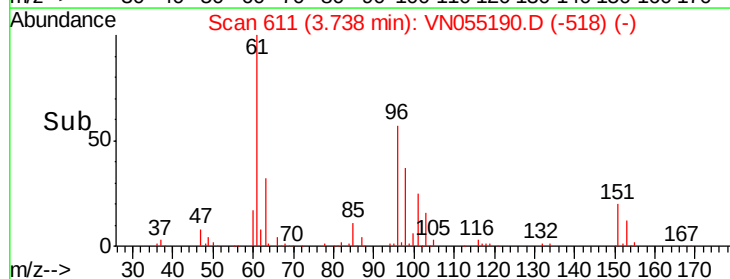
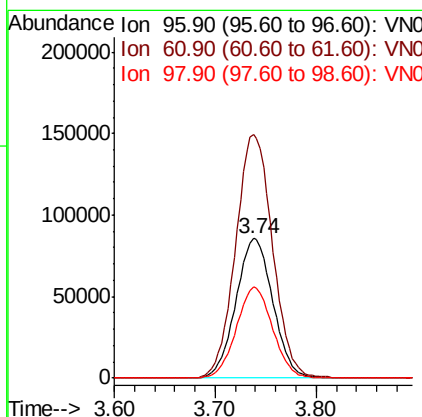
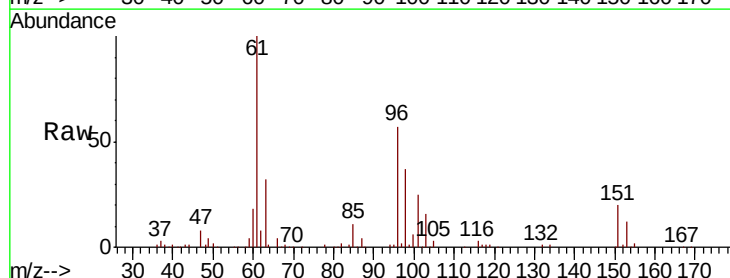
Tot Ion: 59 Resp: 94639
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.8 13.2

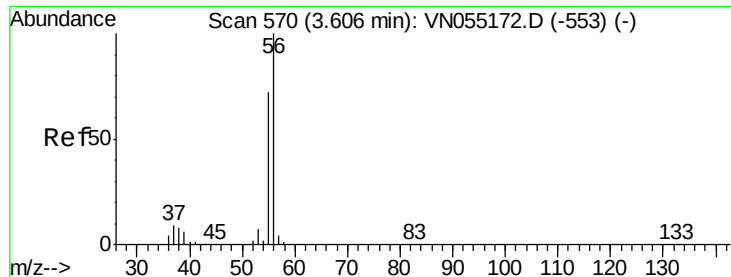


#12

1,1-Dichloroethene
 Concen: 50.660 ug/l
 RT: 3.74 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: VN055190.D
 Acq: 22 Apr 2019 19:00

Tgt Ion: 96 Resp: 217394
 Ion Ratio Lower Upper
 96 100
 61 174.3 142.1 213.1
 98 65.0 51.2 76.8





#13

Acrolein

Concen: 287.558 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN055190.D

Acq: 22 Apr 2019 19:00

Instrument :

MSVOA_N

ClientSampleId :

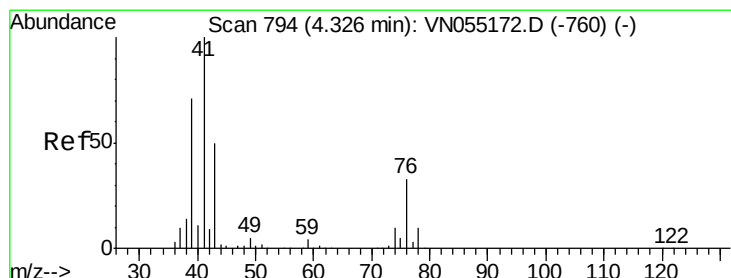
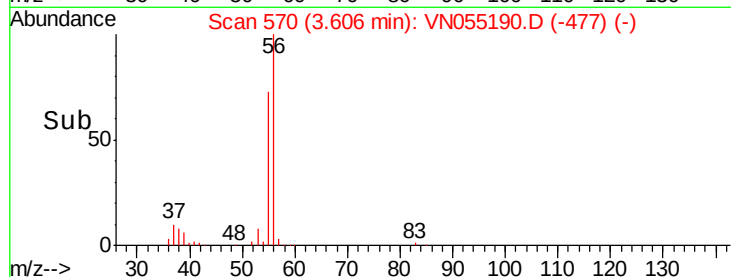
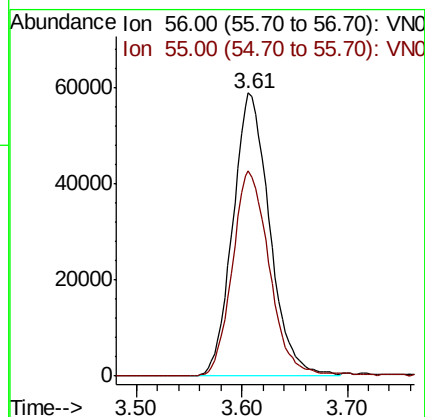
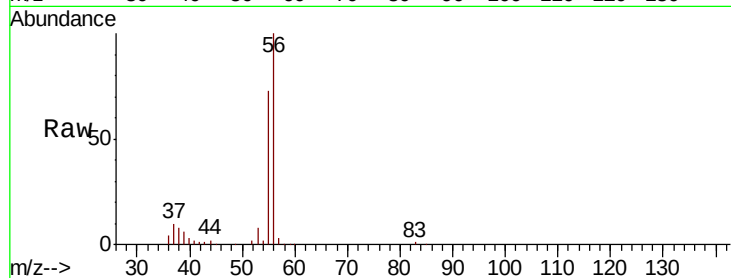
VSTDCCC050EC

Tot Ion: 56 Resp: 142810

Ion Ratio Lower Upper

56 100

55 72.4 57.4 86.0



#14

Allyl chloride

Concen: 51.530 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN055190.D

Acq: 22 Apr 2019 19:00

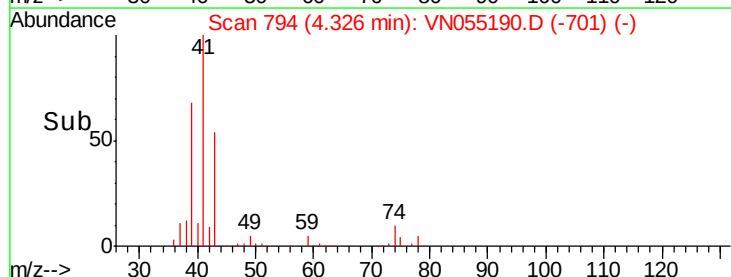
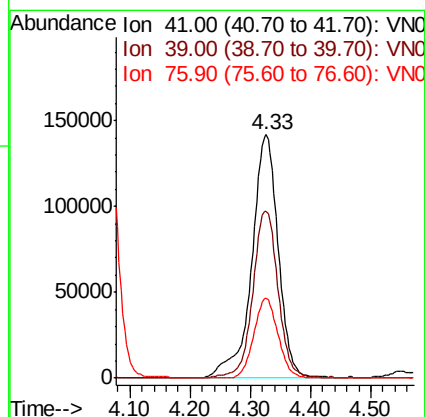
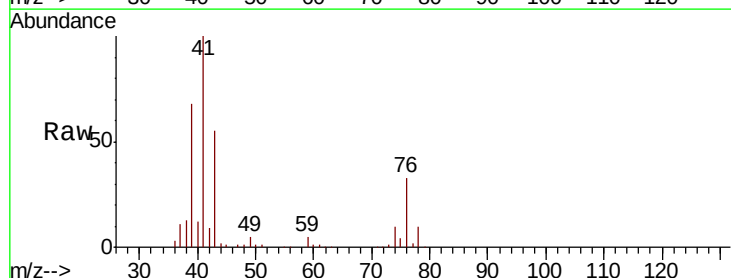
Tgt Ion: 41 Resp: 437145

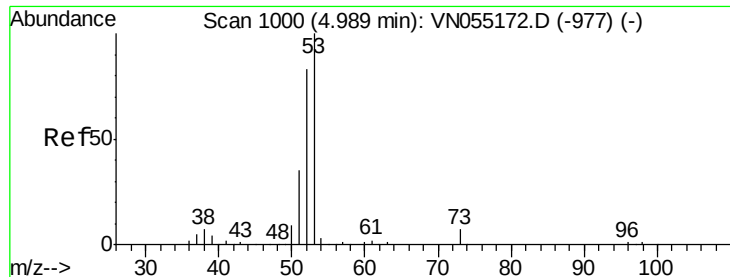
Ion Ratio Lower Upper

41 100

39 65.5 52.9 79.3

76 29.9 23.6 35.4





#15

Acrylonitrile

Concen: 273.958 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN055190.D

Acq: 22 Apr 2019 19:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

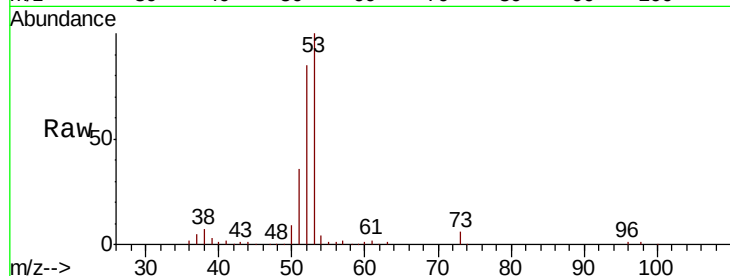
Tot Ion: 53 Resp: 495206

Ion Ratio Lower Upper

53 100

52 82.6 65.8 98.8

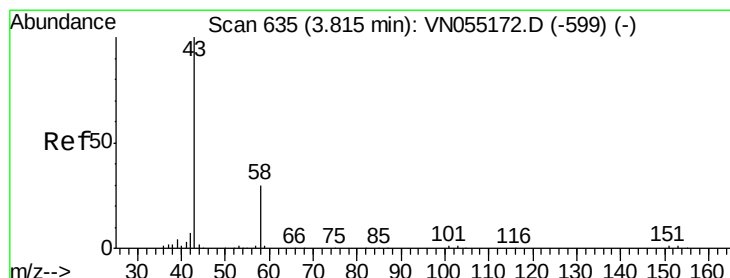
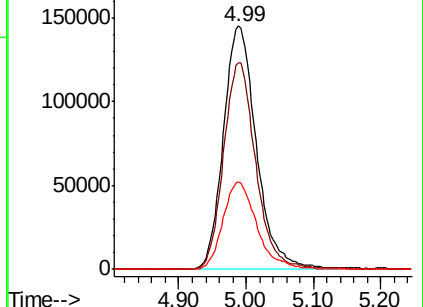
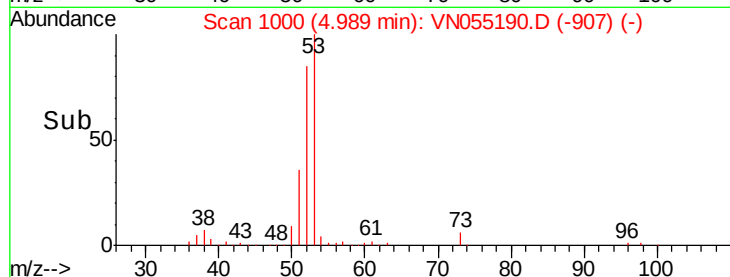
51 36.8 28.9 43.3



Abundance Ion 53.00 (52.70 to 53.70): VN055190.D (-907) (-)

Ion 52.00 (51.70 to 52.70): VN055190.D (-907) (-)

Ion 51.00 (50.70 to 51.70): VN055190.D (-907) (-)



#16

Acetone

Concen: 205.973 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN055190.D

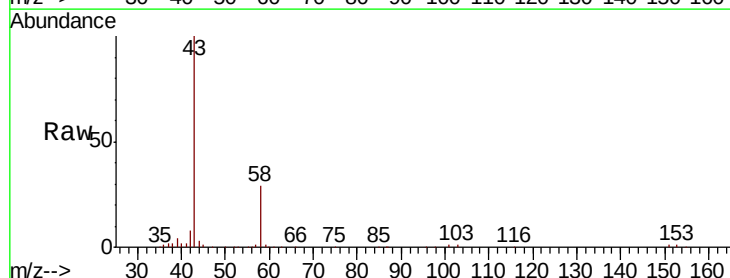
Acq: 22 Apr 2019 19:00

Tgt Ion: 43 Resp: 384412

Ion Ratio Lower Upper

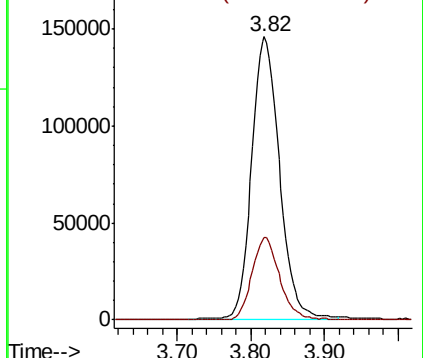
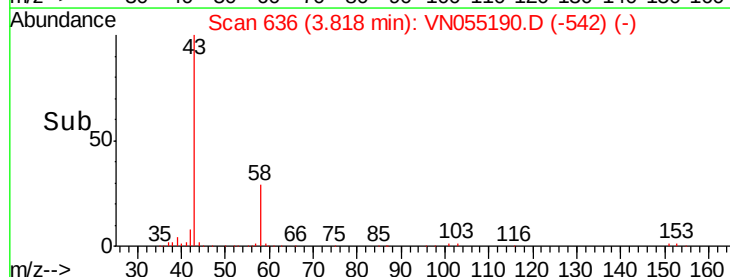
43 100

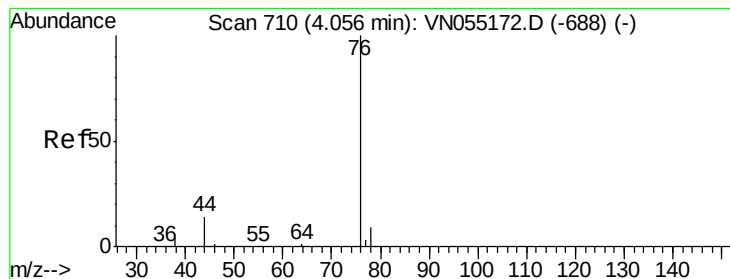
58 28.8 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VN055190.D (-542) (-)

Ion 58.00 (57.70 to 58.70): VN055190.D (-542) (-)





#17

Carbon Disulfide

Concen: 51.018 ug/l

RT: 4.06 min Scan# 710

Delta R.T. 0.00 min

Lab File: VN055190.D

Acq: 22 Apr 2019 19:00

Instrument :

MSVOA_N

ClientSampleId :

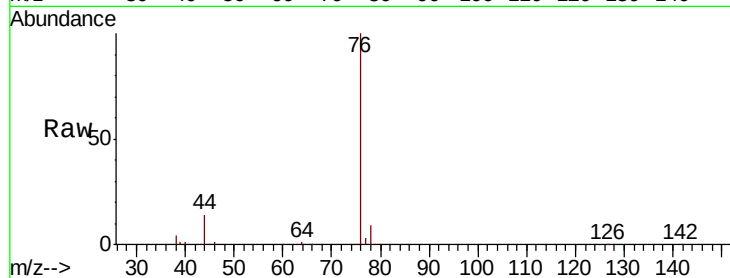
VSTDCCC050EC

Tot Ion: 76 Resp: 612065

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VN055172.D (-688) (-)

Ion 77.90 (77.60 to 78.60): VN055172.D (-688) (-)

4.06

250000

200000

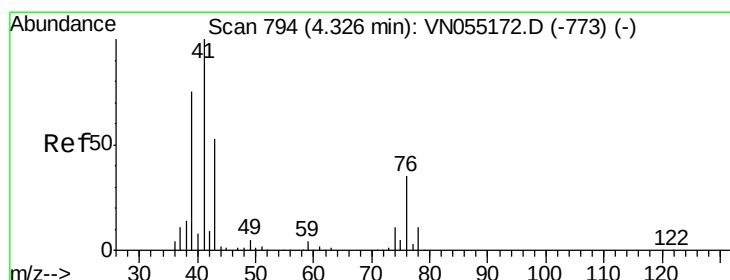
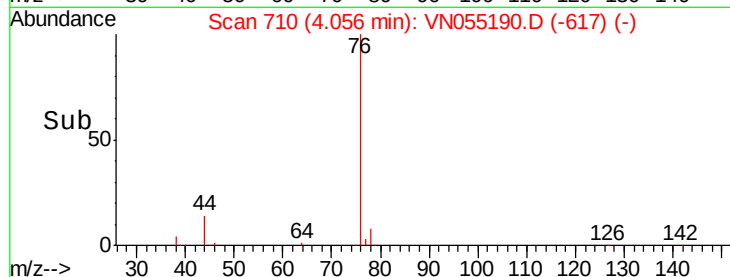
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 55.253 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN055190.D

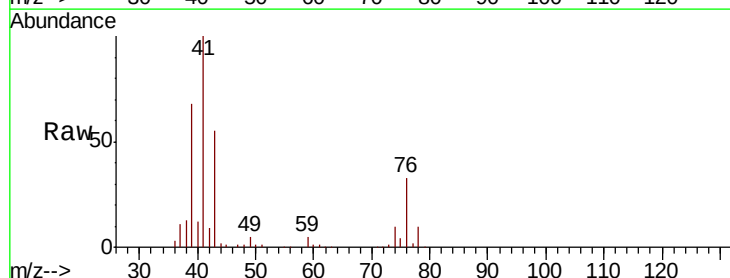
Acq: 22 Apr 2019 19:00

Tgt Ion: 43 Resp: 221111

Ion Ratio Lower Upper

43 100

74 20.2 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VN055172.D (-773) (-)

Ion 74.00 (73.70 to 74.70): VN055172.D (-773) (-)

4.33

80000

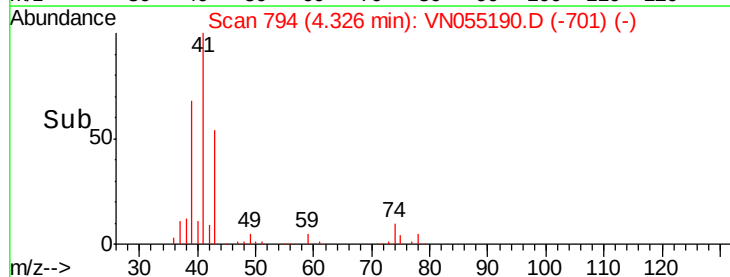
60000

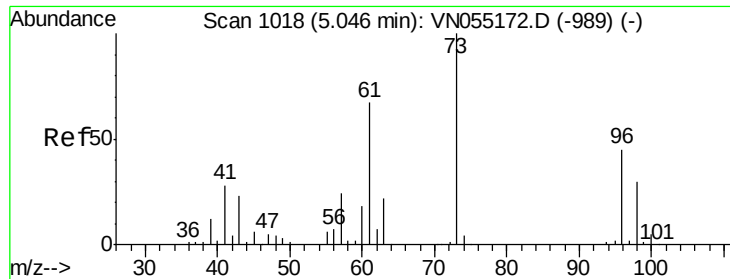
40000

20000

0

Time-->

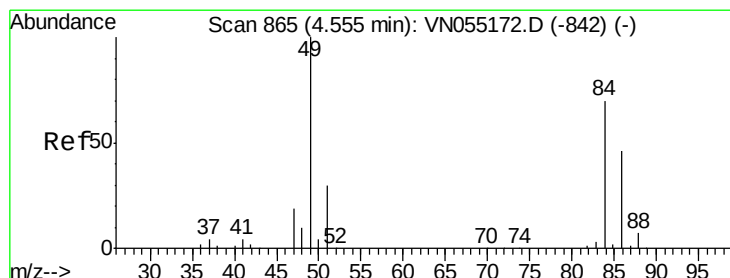
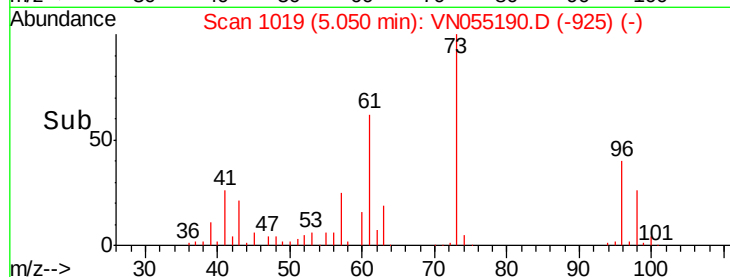
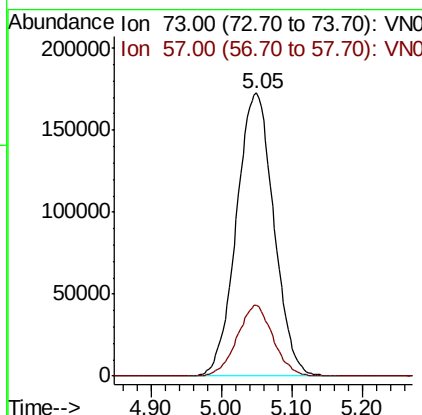
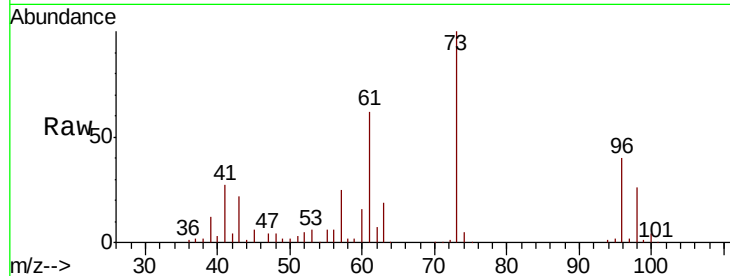




#19
Methyl tert-butyl Ether
Concen: 53.756 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VN055190.D
Acq: 22 Apr 2019 19:00

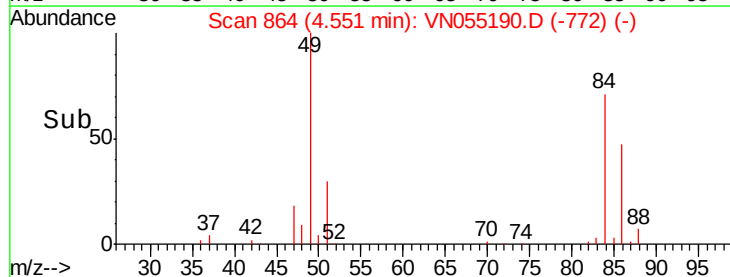
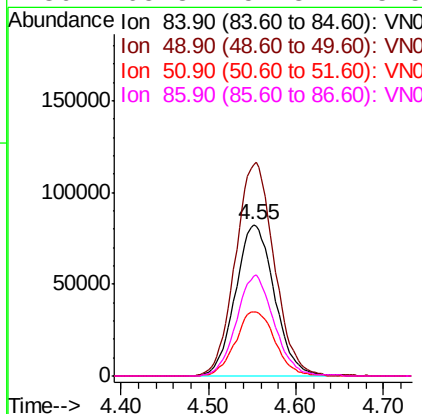
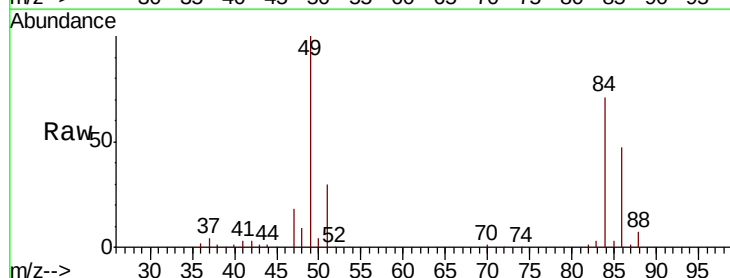
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

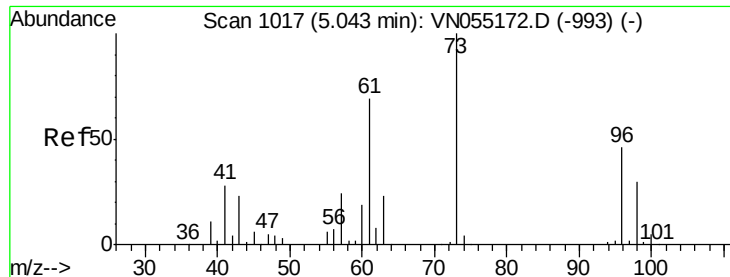
Tot Ion: 73 Resp: 637791
Ion Ratio Lower Upper
73 100
57 25.2 19.5 29.3



#20
Methylene Chloride
Concen: 47.532 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN055190.D
Acq: 22 Apr 2019 19:00

Tgt Ion: 84 Resp: 255026
Ion Ratio Lower Upper
84 100
49 140.0 113.8 170.6
51 42.2 34.0 51.0
86 65.8 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 51.200 ug/l

RT: 5.04 min Scan# 1017

Delta R.T. 0.00 min

Lab File: VN055190.D

Acq: 22 Apr 2019 19:00

Instrument :

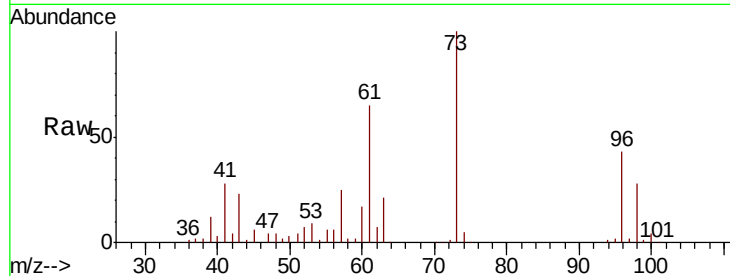
MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 230397

Ion	Ratio	Lower	Upper
96	100		
61	151.7	119.3	178.9
98	64.9	53.0	79.4

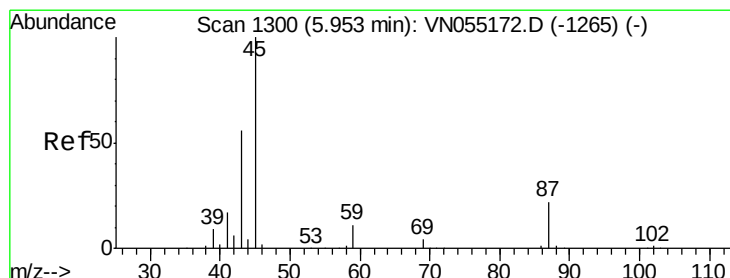
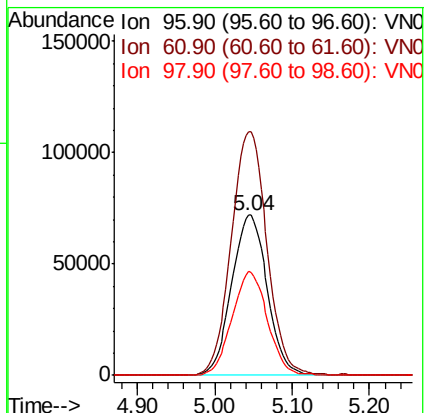
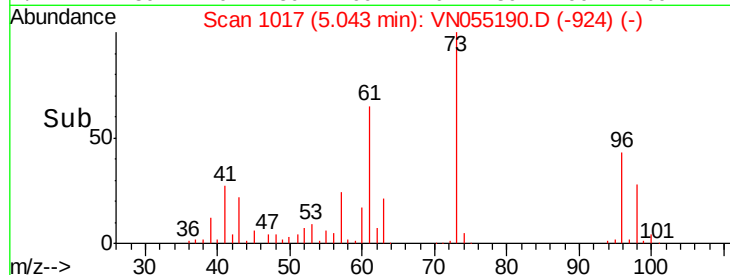


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 52.180 ug/l

RT: 5.95 min Scan# 1300

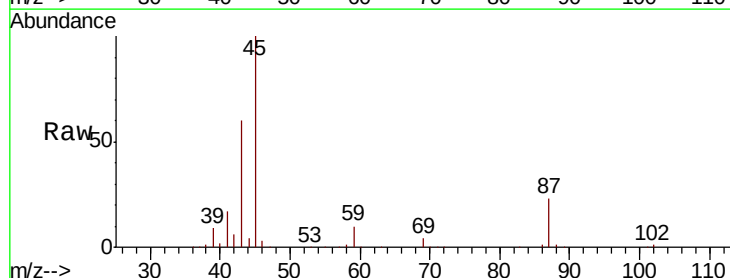
Delta R.T. 0.00 min

Lab File: VN055190.D

Acq: 22 Apr 2019 19:00

Tgt Ion: 45 Resp: 882353

Ion	Ratio	Lower	Upper
45	100		
43	59.6	47.4	71.0
87	22.4	18.4	27.6
59	10.0	8.6	12.8



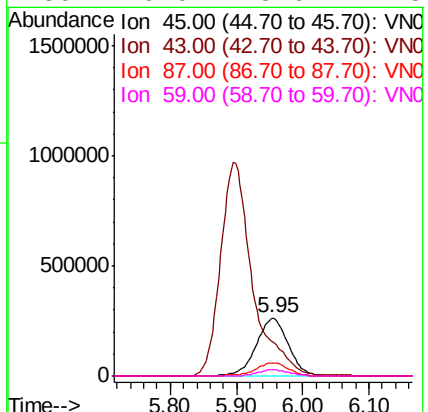
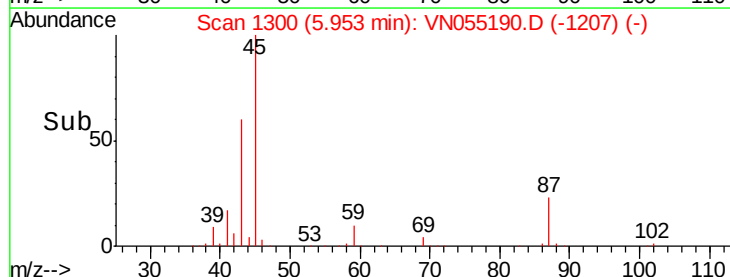
Abundance

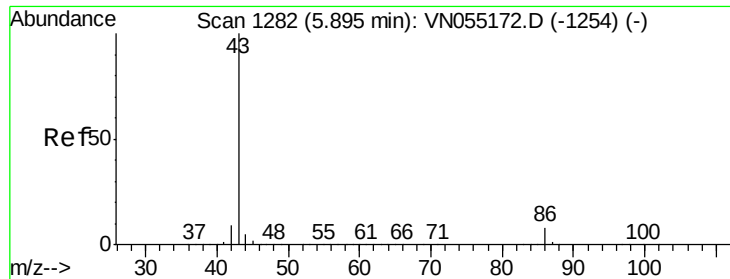
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 286.646 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VN055190.D

Acq: 22 Apr 2019 19:00

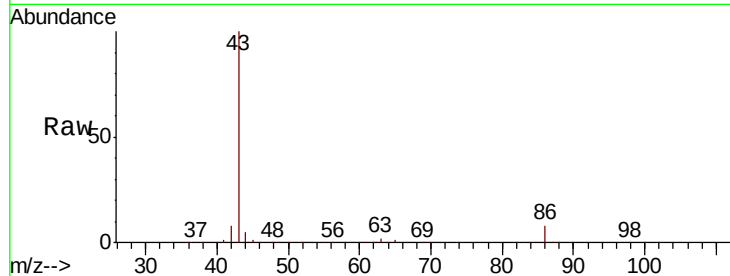
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 3257263

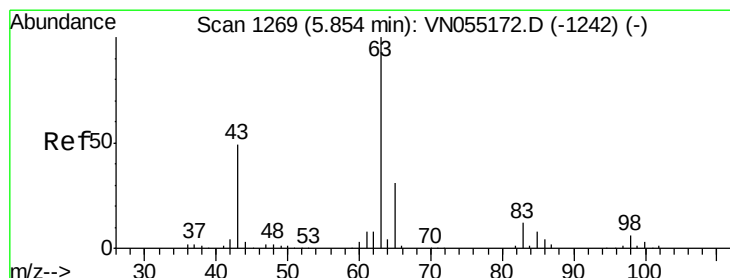
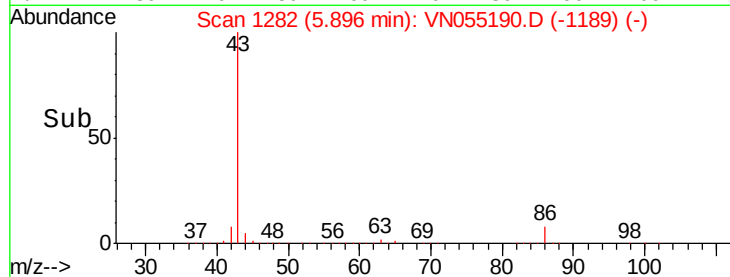
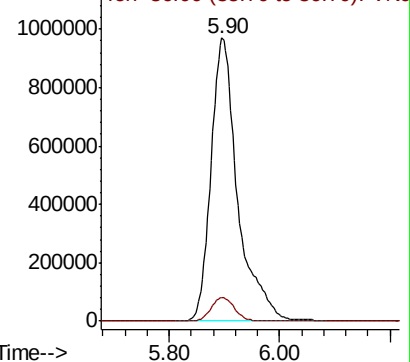
Ion Ratio Lower Upper

43 100

86 8.3 6.8 10.2



Abundance Ion 43.00 (42.70 to 43.70): VN055190.D (-1189) (-)



#24

1,1-Dichloroethane

Concen: 50.234 ug/l

RT: 5.85 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VN055190.D

Acq: 22 Apr 2019 19:00

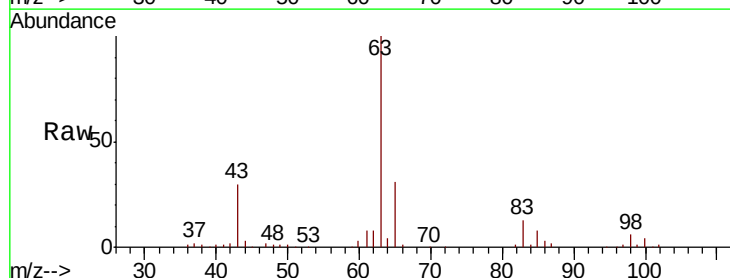
Tgt Ion: 63 Resp: 456905

Ion Ratio Lower Upper

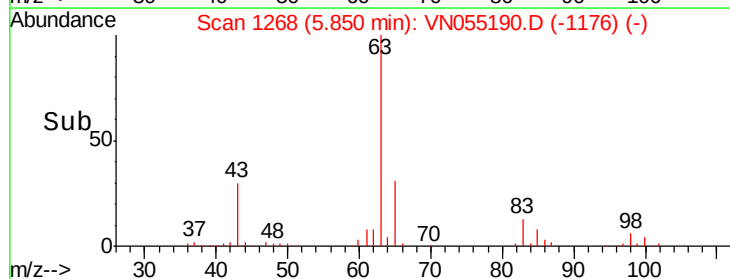
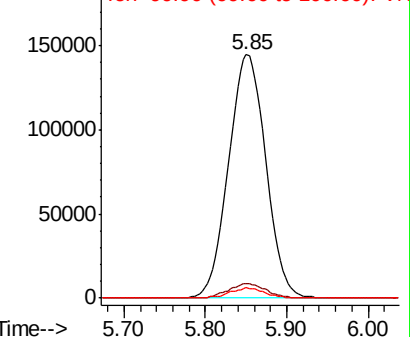
63 100

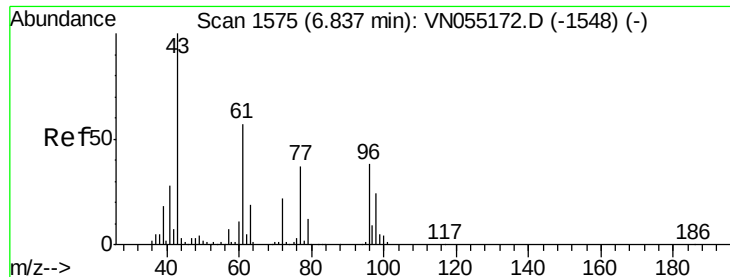
98 6.1 3.1 9.3

100 4.2 1.8 5.3



Abundance Ion 62.90 (62.60 to 63.60): VN055190.D (-1176) (-)





#25

2-Butanone

Concen: 251.639 ug/l

RT: 6.84 min Scan# 1575

Delta R.T. 0.00 min

Lab File: VN055190.D

Acq: 22 Apr 2019 19:00

Instrument :

MSVOA_N

ClientSampleId :

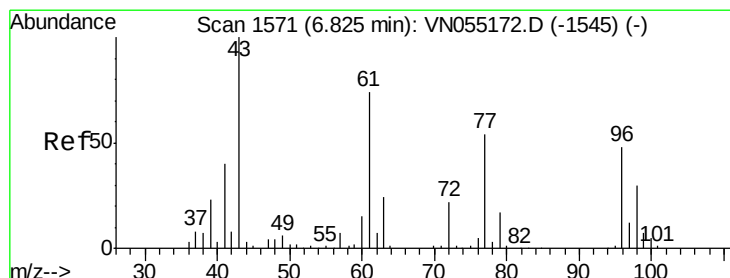
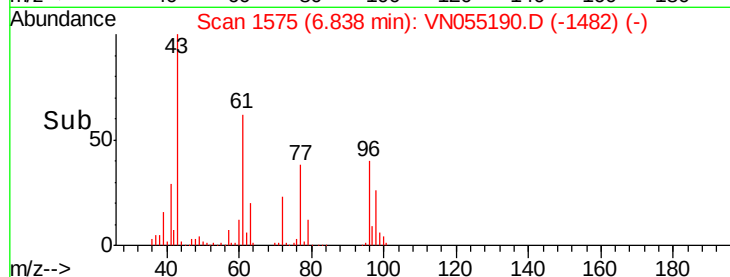
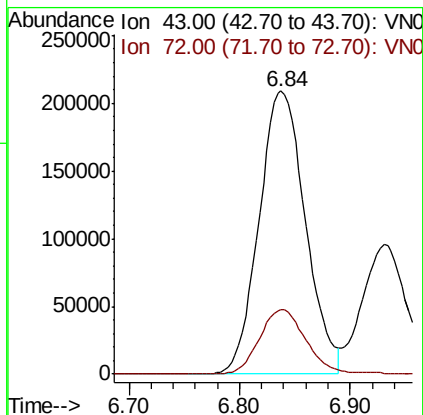
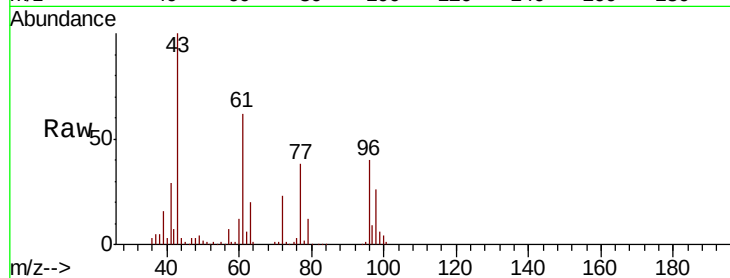
VSTDCCC050EC

Tot Ion: 43 Resp: 606320

Ion Ratio Lower Upper

43 100

72 22.8 17.8 26.8



#26

2,2-Dichloropropane

Concen: 46.791 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN055190.D

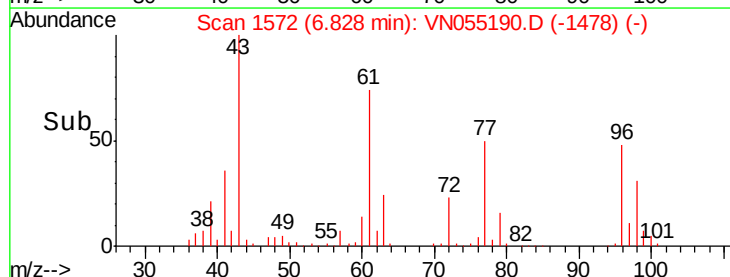
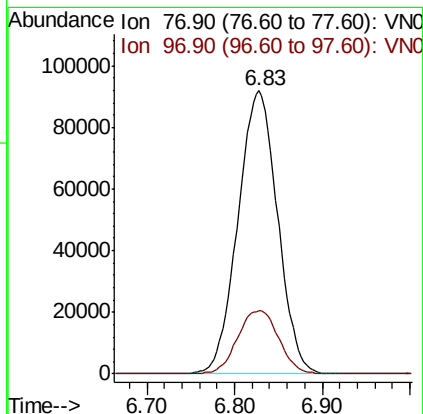
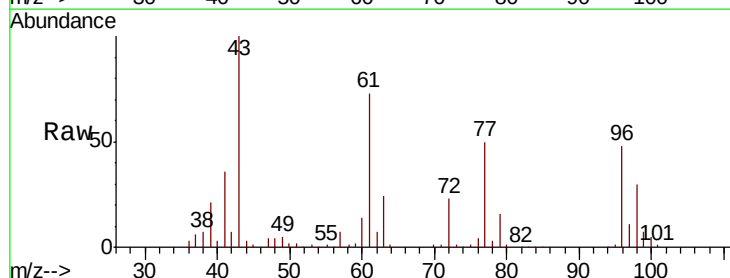
Acq: 22 Apr 2019 19:00

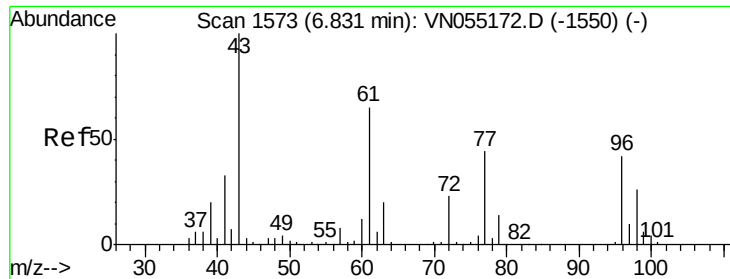
Tgt Ion: 77 Resp: 288001

Ion Ratio Lower Upper

77 100

97 23.3 11.3 33.8

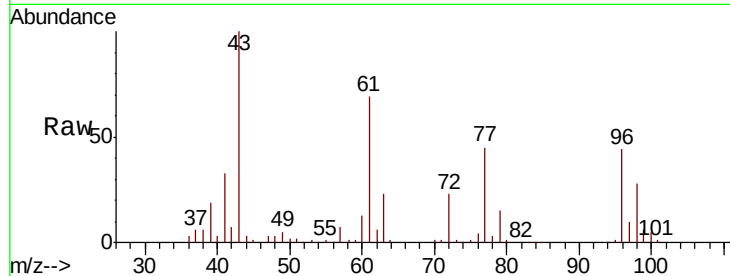




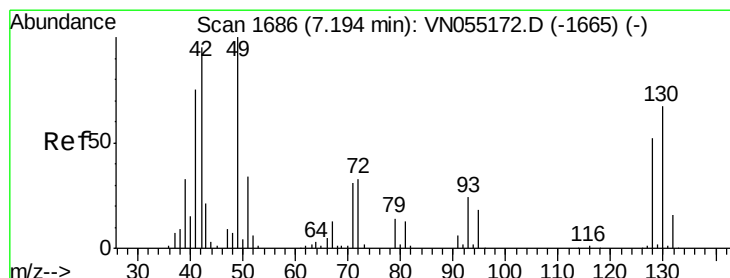
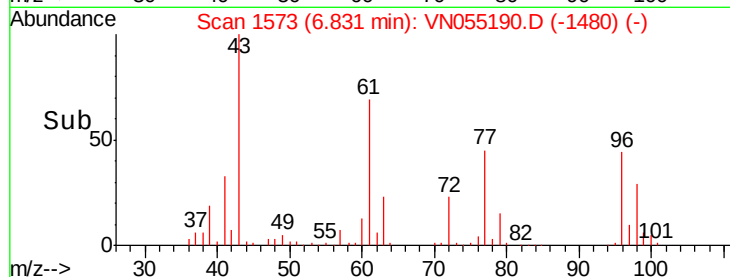
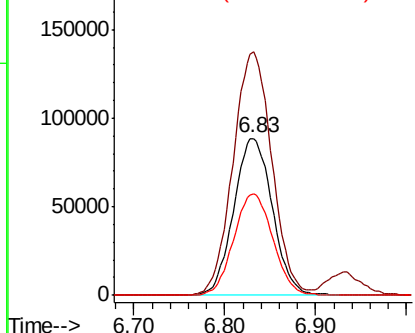
#27
 cis-1,2-Dichloroethene
 Concen: 50.495 ug/l
 RT: 6.83 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: VN055190.D
 Acq: 22 Apr 2019 19:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 96 Resp: 261930
 Ion Ratio Lower Upper
 96 100
 61 155.6 0.0 310.8
 98 65.3 0.0 127.4

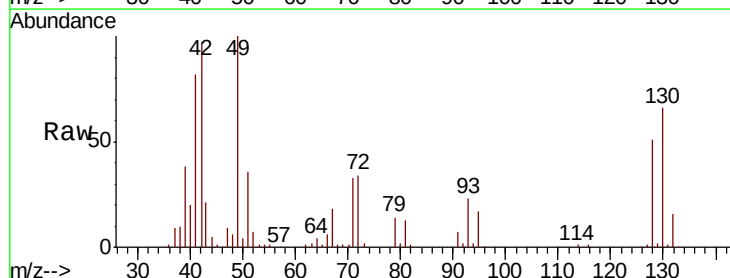


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

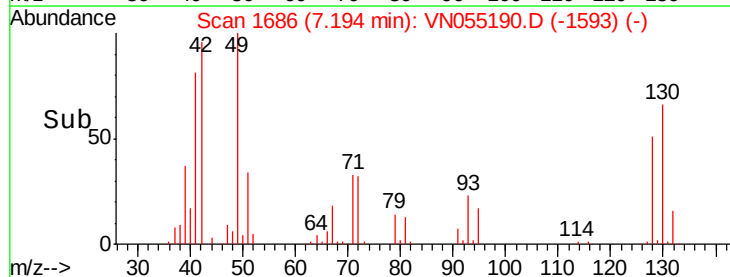
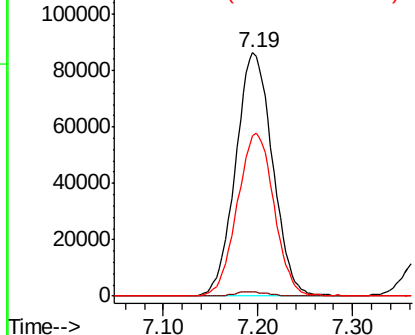


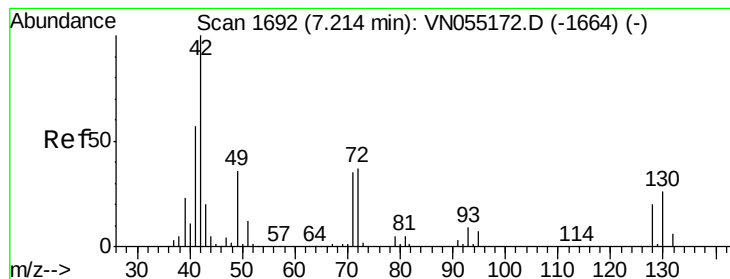
#28
 Bromochloromethane
 Concen: 50.650 ug/l
 RT: 7.19 min Scan# 1686
 Delta R.T. 0.00 min
 Lab File: VN055190.D
 Acq: 22 Apr 2019 19:00

Tgt Ion: 49 Resp: 234839
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.8
 130 66.6 53.4 80.2



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





#29

Tetrahydrofuran

Concen: 278.215 ug/l

RT: 7.21 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VN055190.D

Acq: 22 Apr 2019 19:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

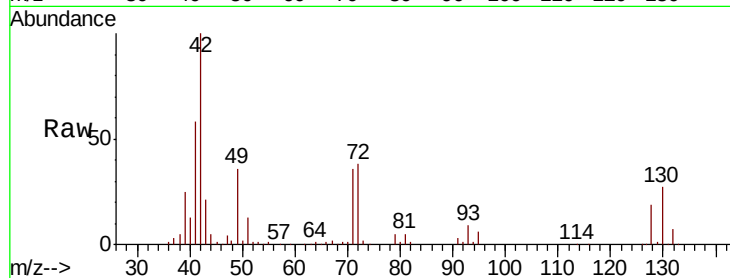
Tot Ion: 42 Resp: 412164

Ion Ratio Lower Upper

42 100

72 36.7 29.4 44.2

71 34.8 27.8 41.8

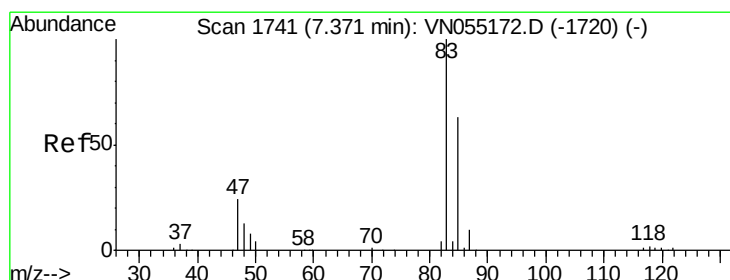
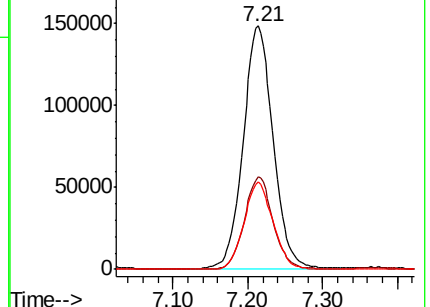
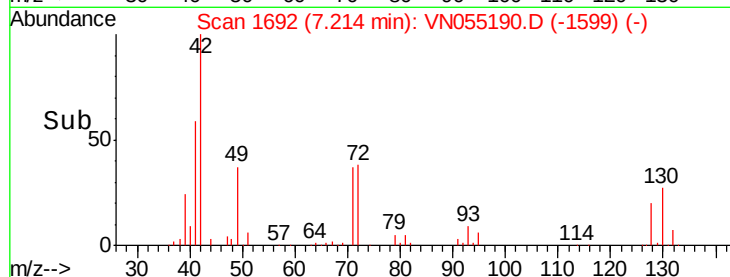


Abundance Ion 42.00 (41.70 to 42.70): VN055172.D (-1664) (-)

Ion 72.00 (71.70 to 72.70): VN055172.D (-1664) (-)

Ion 71.00 (70.70 to 71.70): VN055172.D (-1664) (-)

Time-->



#30

Chloroform

Concen: 49.643 ug/l

RT: 7.37 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VN055190.D

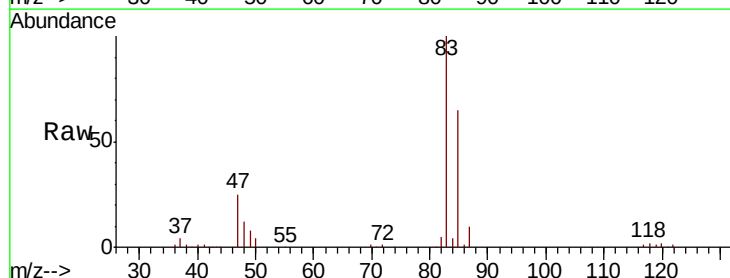
Acq: 22 Apr 2019 19:00

Tgt Ion: 83 Resp: 429509

Ion Ratio Lower Upper

83 100

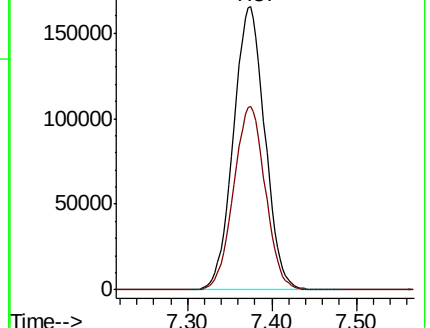
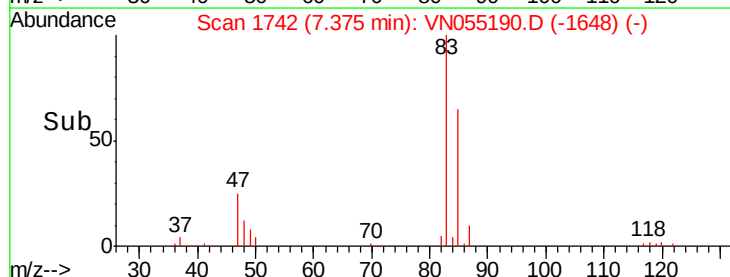
85 64.8 50.6 76.0

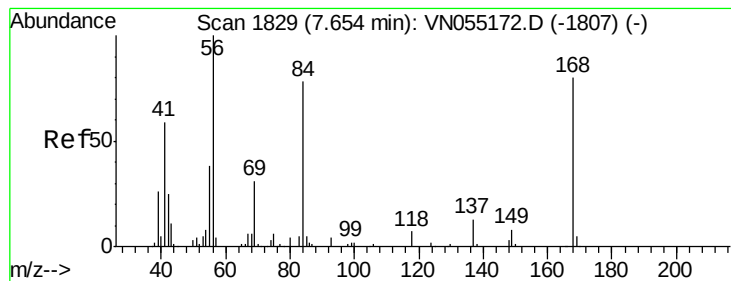


Abundance Ion 82.90 (82.60 to 83.60): VN055172.D (-1720) (-)

Ion 84.90 (84.60 to 85.60): VN055172.D (-1720) (-)

Time-->





#31

Cyclohexane

Concen: 51.434 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN055190.D

Acq: 22 Apr 2019 19:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

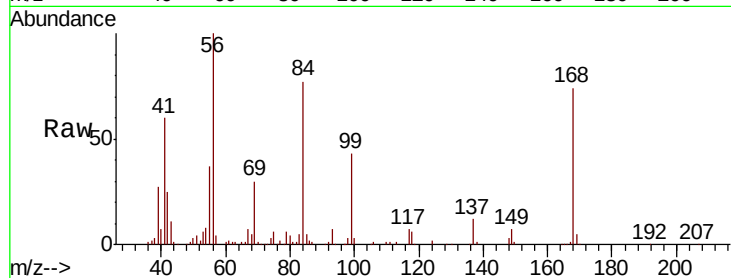
Tot Ion: 56 Resp: 437660

Ion Ratio Lower Upper

56 100

69 29.7 24.6 37.0

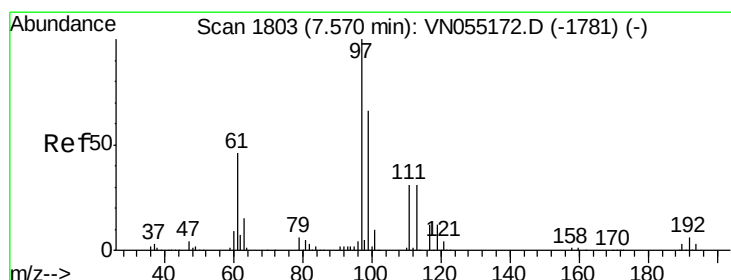
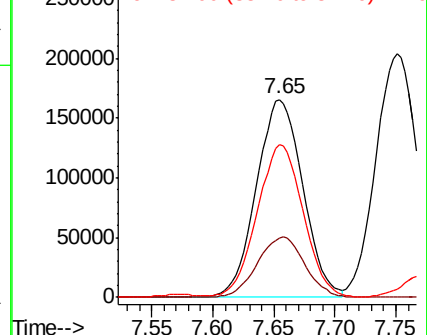
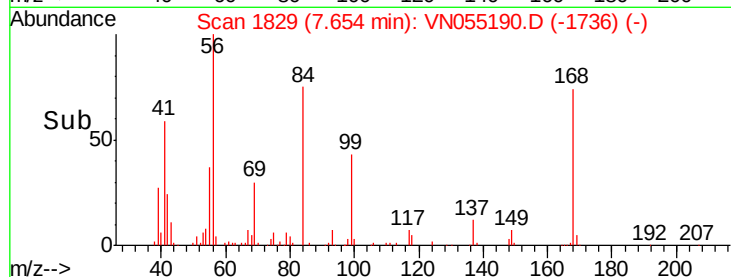
84 76.3 61.4 92.2



Abundance Ion 56.00 (55.70 to 56.70): VN055190.D (-1736) (-)

Ion 69.00 (68.70 to 69.70): VN055190.D (-1736) (-)

Ion 84.00 (83.70 to 84.70): VN055190.D (-1736) (-)



#32

1,1,1-Trichloroethane

Concen: 51.804 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN055190.D

Acq: 22 Apr 2019 19:00

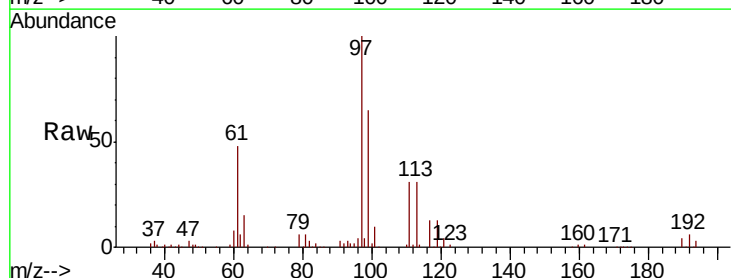
Tgt Ion: 97 Resp: 360078

Ion Ratio Lower Upper

97 100

99 63.6 51.1 76.7

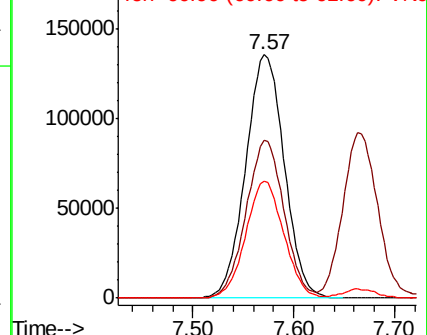
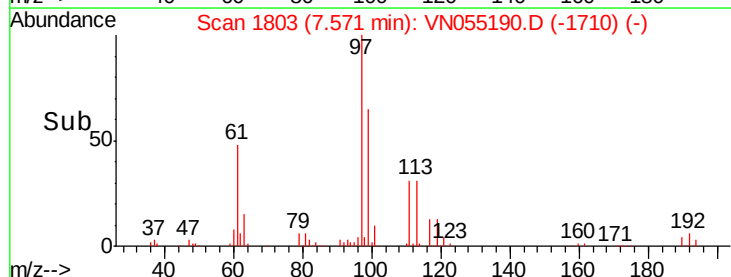
61 47.4 38.3 57.5

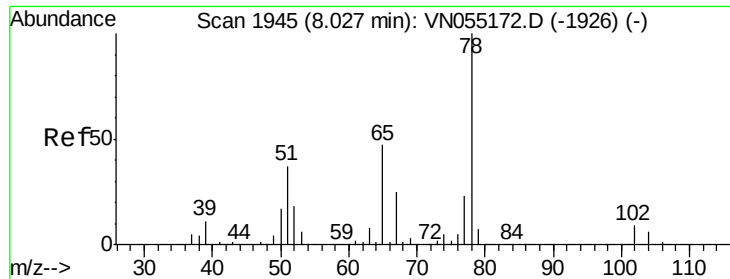


Abundance Ion 96.90 (96.60 to 97.60): VN055190.D (-1710) (-)

Ion 98.90 (98.60 to 99.60): VN055190.D (-1710) (-)

Ion 60.90 (60.60 to 61.60): VN055190.D (-1710) (-)

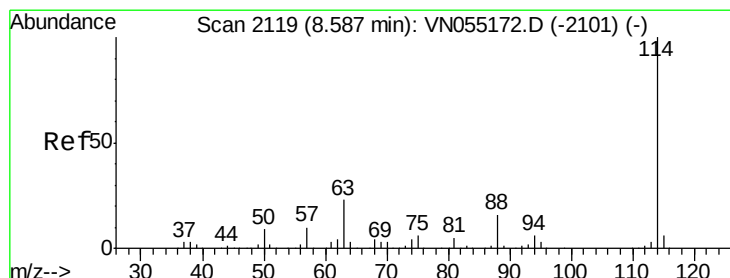
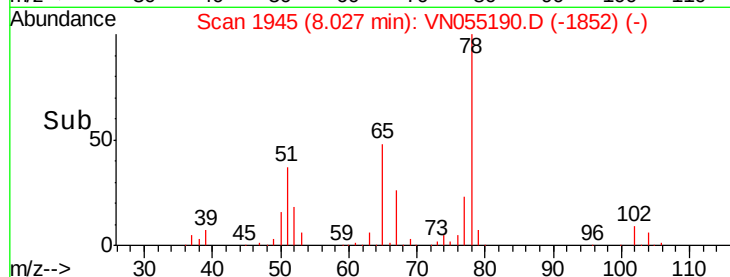
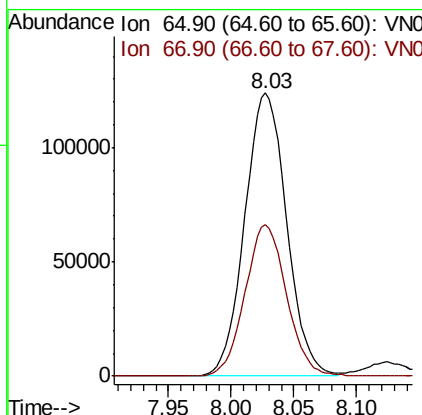
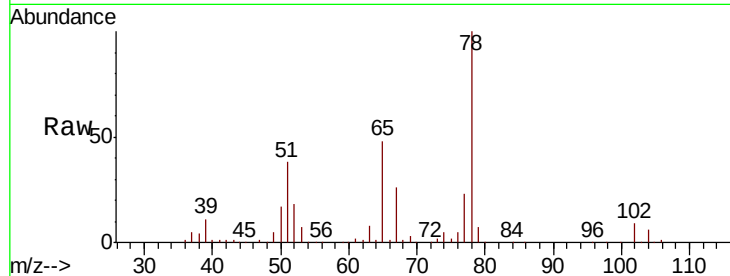




#33
 1,2-Dichloroethane-d4
 Concen: 51.102 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055190.D
 Acq: 22 Apr 2019 19:00

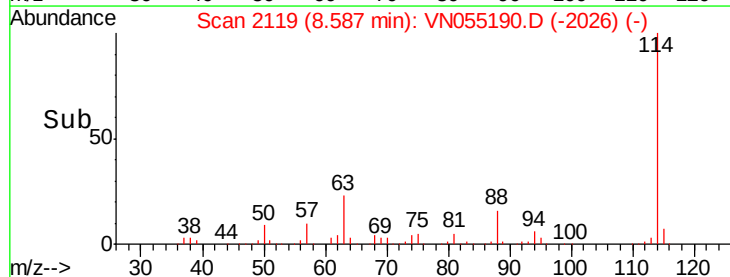
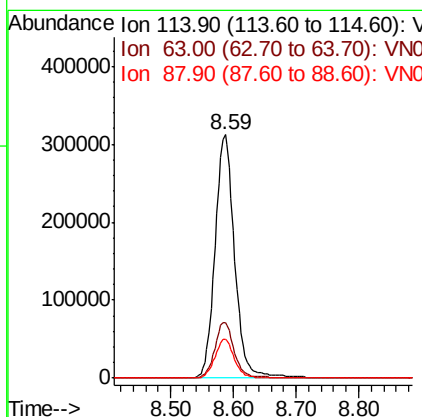
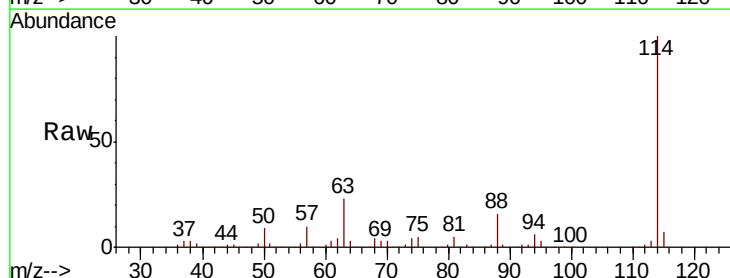
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

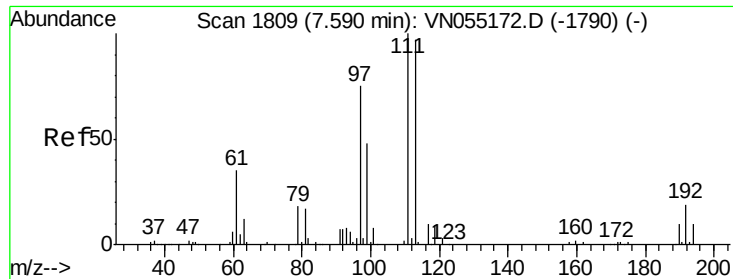
Tot Ion: 65 Resp: 288500
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055190.D
 Acq: 22 Apr 2019 19:00

Tgt Ion: 114 Resp: 677931
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 45.2
 88 16.1 0.0 32.8

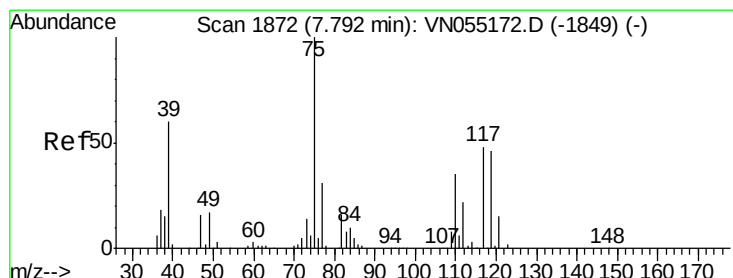
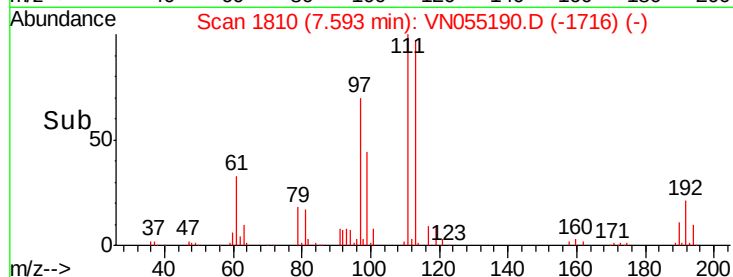
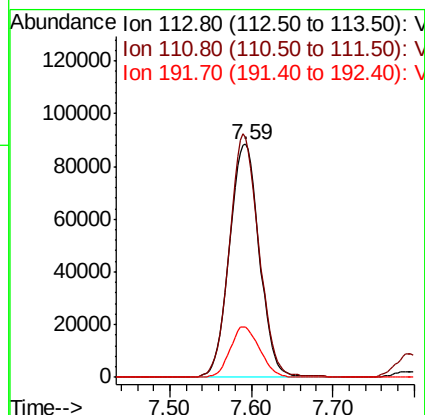
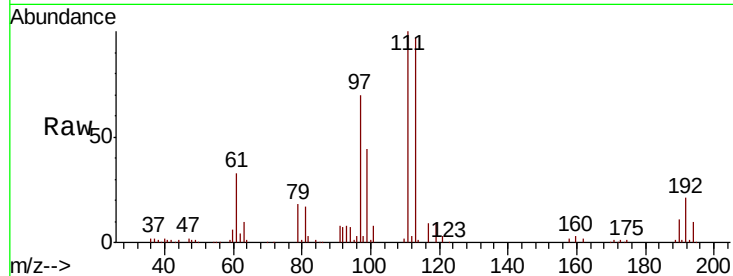




#35
 Dibromofluoromethane
 Concen: 49.495 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN055190.D
 Acq: 22 Apr 2019 19:00

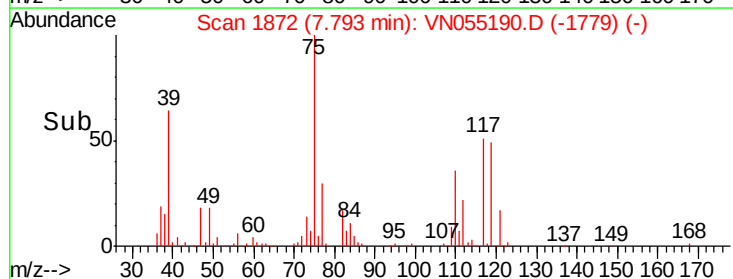
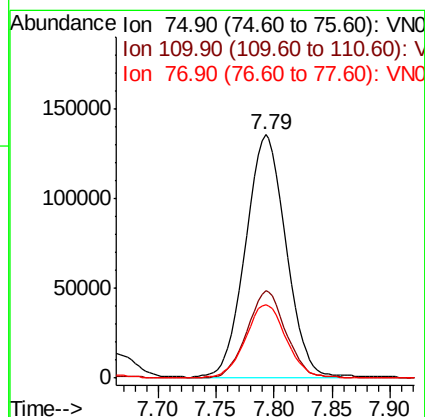
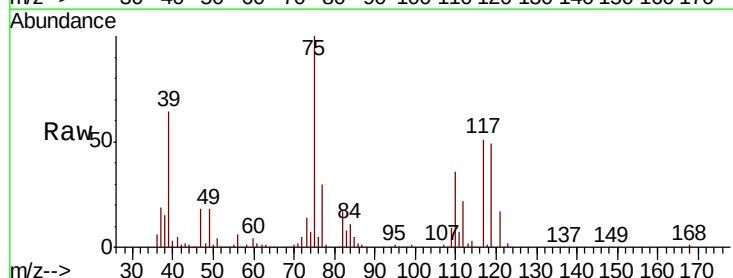
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

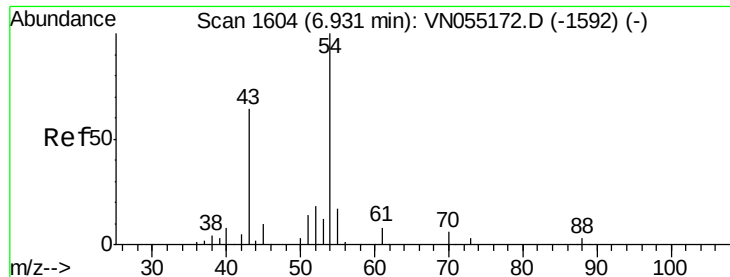
Tot Ion:113 Resp: 227948
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.0 121.4
 192 21.4 16.2 24.4



#36
 1,1-Dichloropropene
 Concen: 51.961 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VN055190.D
 Acq: 22 Apr 2019 19:00

Tgt Ion: 75 Resp: 326949
 Ion Ratio Lower Upper
 75 100
 110 34.8 17.1 51.2
 77 31.0 24.6 36.8

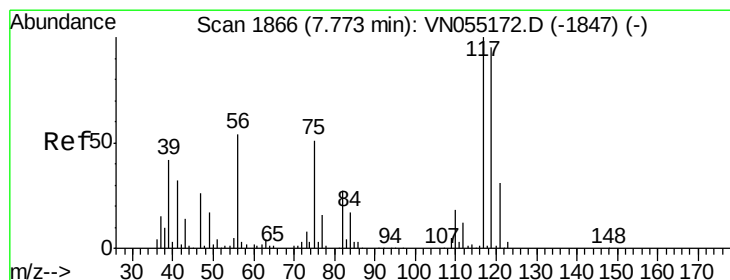
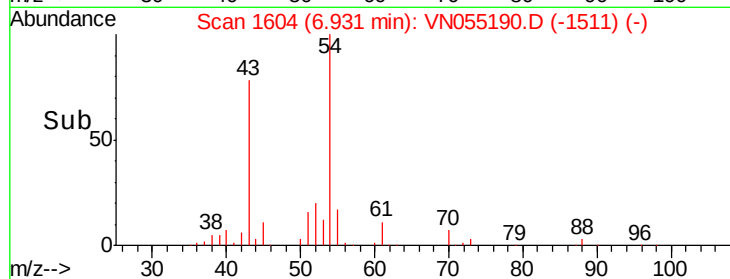
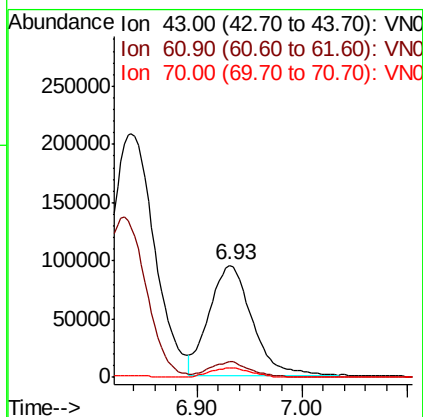
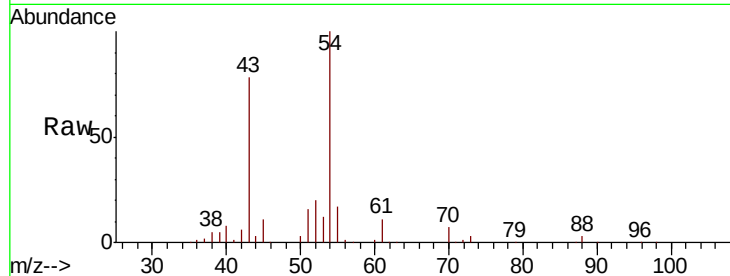




#37
Ethyl Acetate
Concen: 52.718 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VN055190.D
Acq: 22 Apr 2019 19:00

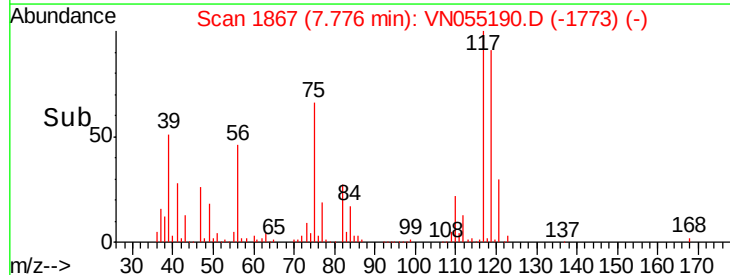
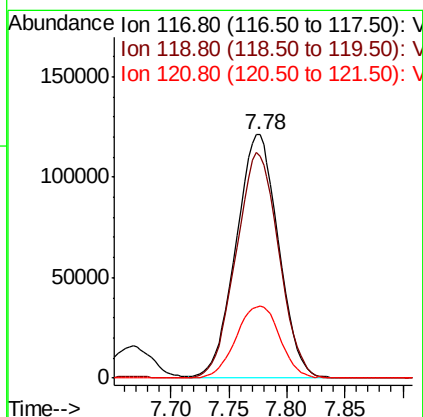
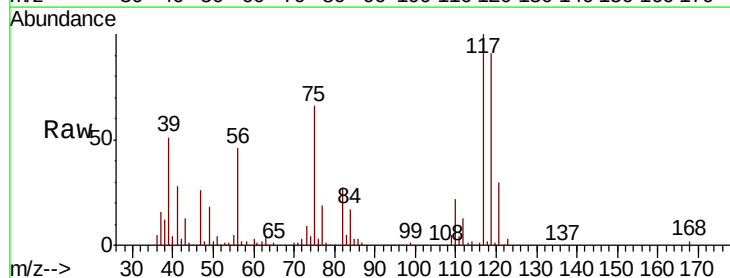
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

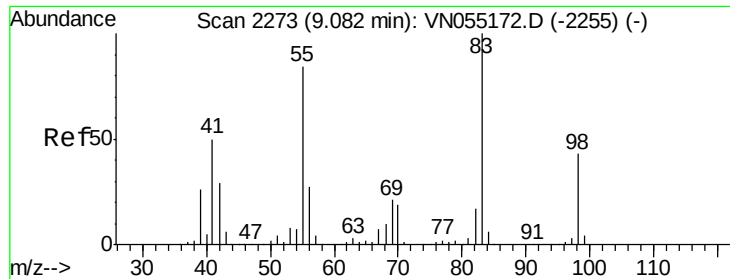
Tot Ion: 43 Resp: 267703
Ion Ratio Lower Upper
43 100
61 13.1 9.7 14.5
70 8.6 6.9 10.3



#38
Carbon Tetrachloride
Concen: 52.077 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN055190.D
Acq: 22 Apr 2019 19:00

Tgt Ion: 117 Resp: 306852
Ion Ratio Lower Upper
117 100
119 91.1 76.0 114.0
121 29.6 24.6 36.8

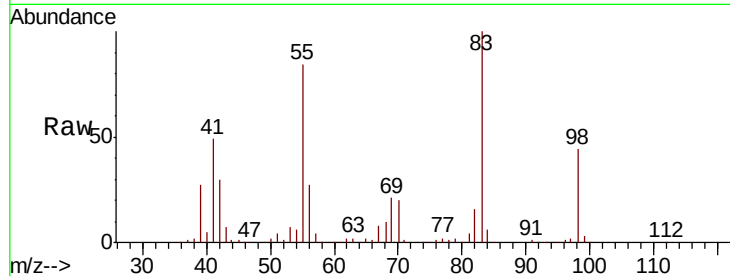




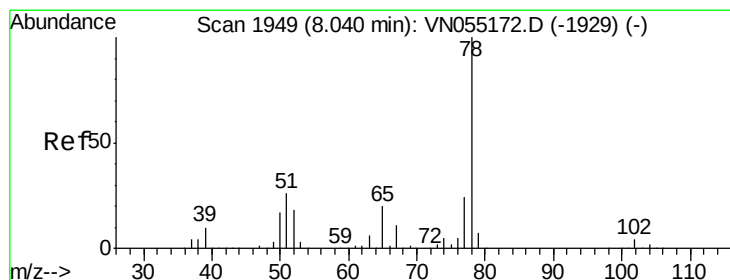
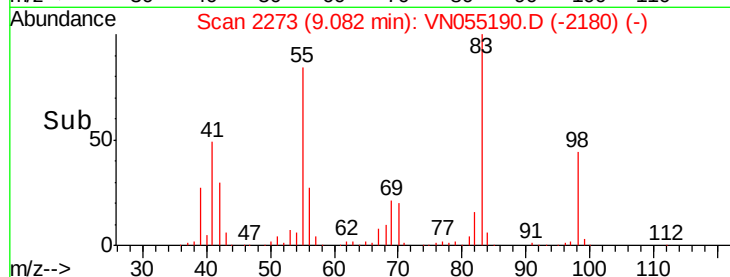
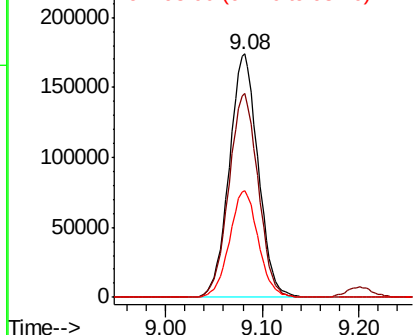
#39
Methylvlcyclohexane
Concen: 47.999 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN055190.D
Acq: 22 Apr 2019 19:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 360304
Ion Ratio Lower Upper
83 100
55 83.6 67.4 101.0
98 43.7 34.7 52.1

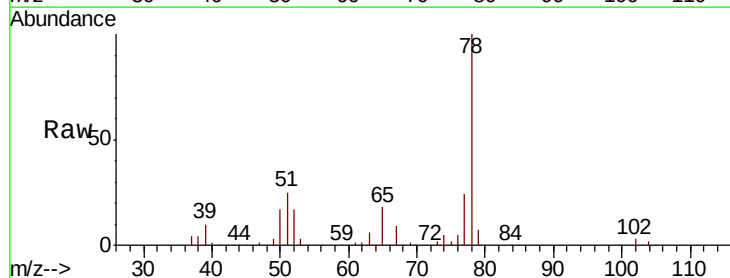


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

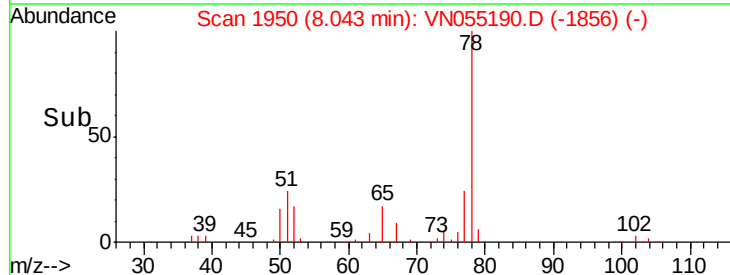
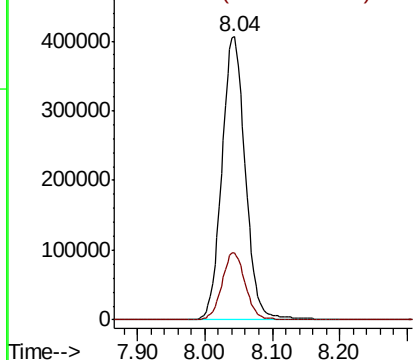


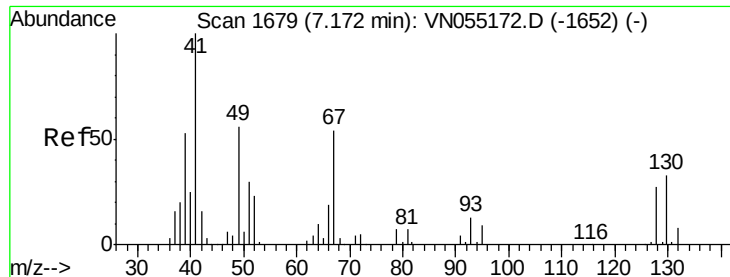
#40
Benzene
Concen: 50.930 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN055190.D
Acq: 22 Apr 2019 19:00

Tgt Ion: 78 Resp: 989241
Ion Ratio Lower Upper
78 100
77 23.8 19.5 29.3



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

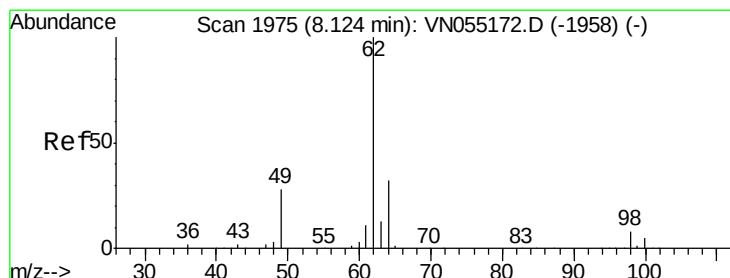
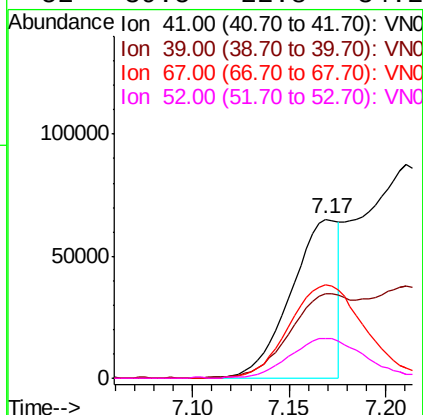
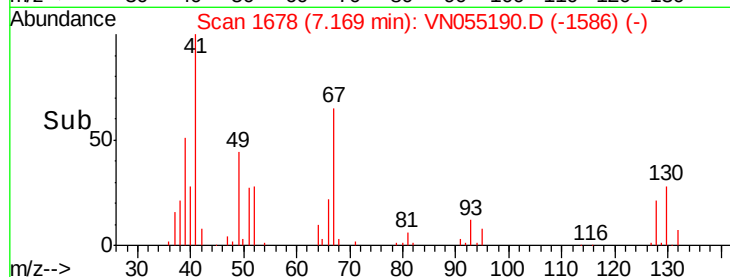
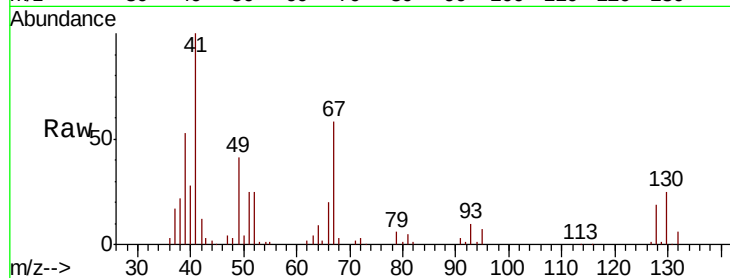




#41
Methacrylonitrile
Concen: 41.928 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. -0.00 min
Lab File: VN055190.D
Acq: 22 Apr 2019 19:00

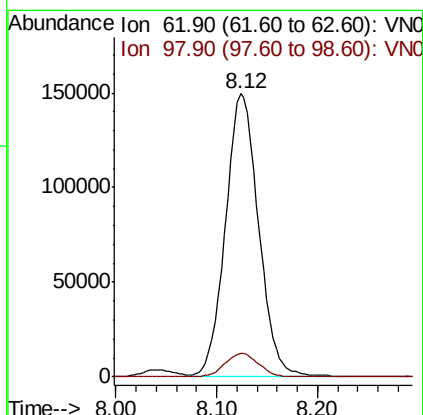
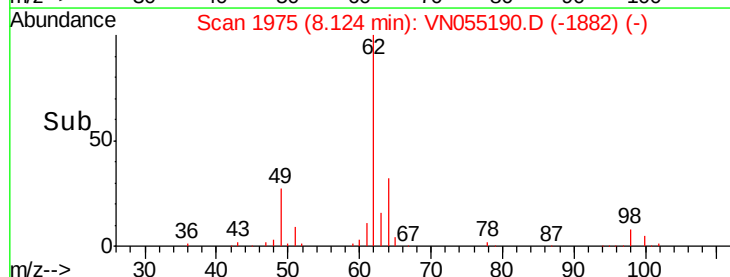
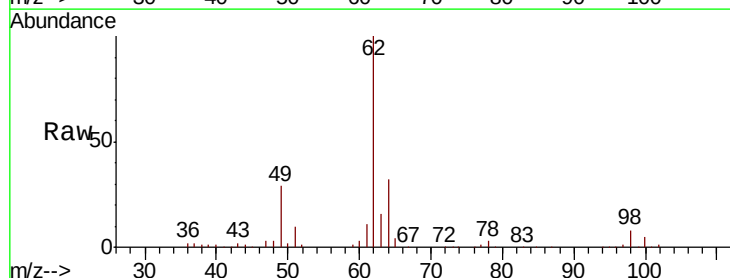
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

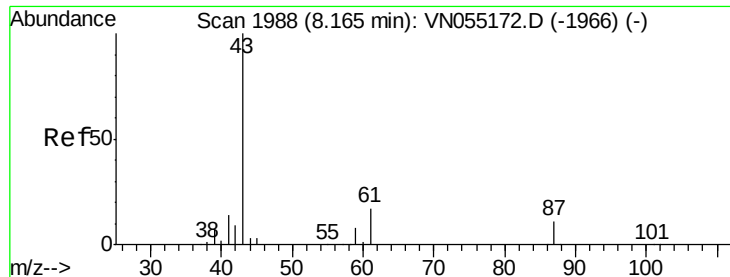
Tot Ion: 41 Resp: 111625
Ion Ratio Lower Upper
41 100
39 70.4 45.4 68.0#
67 94.5 54.6 81.8#
52 39.5 22.8 34.2#



#42
1,2-Dichloroethane
Concen: 50.283 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN055190.D
Acq: 22 Apr 2019 19:00

Tgt Ion: 62 Resp: 340733
Ion Ratio Lower Upper
62 100
98 8.6 0.0 17.0





#43

Isopropyl Acetate

Concen: 56.965 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN055190.D

Acq: 22 Apr 2019 19:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

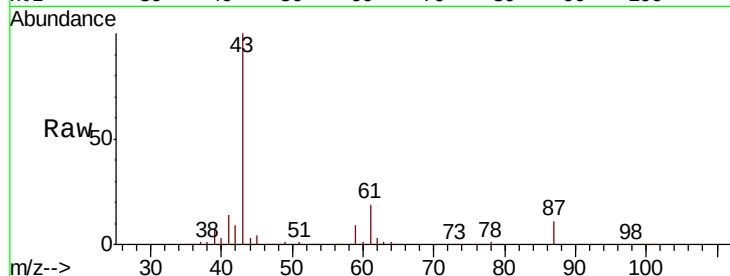
Tot Ion: 43 Resp: 468424

Ion Ratio Lower Upper

43 100

61 25.3 20.6 30.8

87 10.8 8.8 13.2

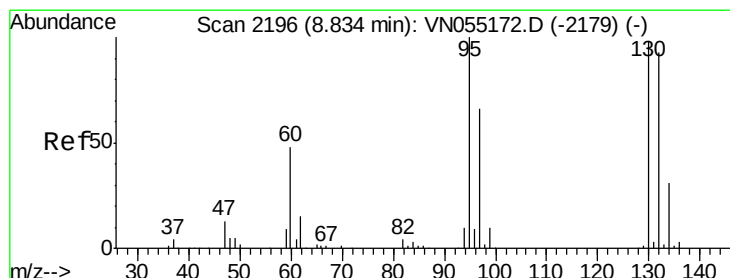
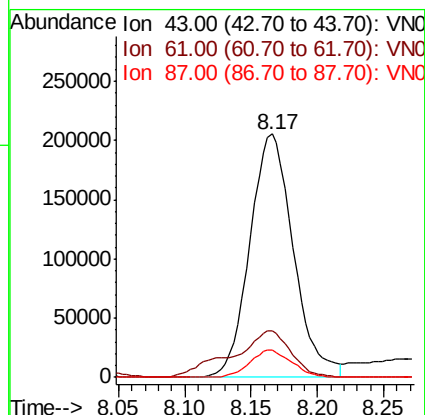
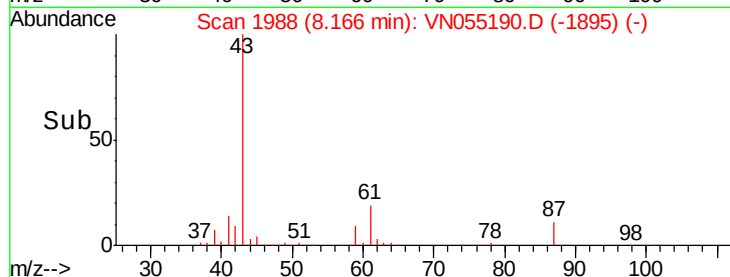


Abundance Ion 43.00 (42.70 to 43.70): VN055172.D (-1966) (-)

Ion 61.00 (60.70 to 61.70): VN055172.D (-1966) (-)

Ion 87.00 (86.70 to 87.70): VN055172.D (-1966) (-)

8.17



#44

Trichloroethene

Concen: 50.038 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN055190.D

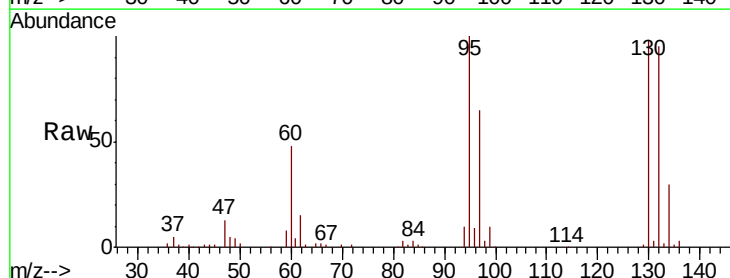
Acq: 22 Apr 2019 19:00

Tgt Ion:130 Resp: 245656

Ion Ratio Lower Upper

130 100

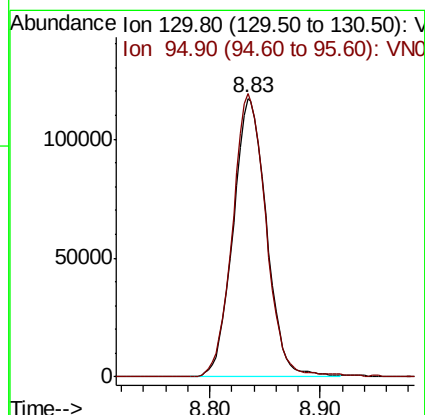
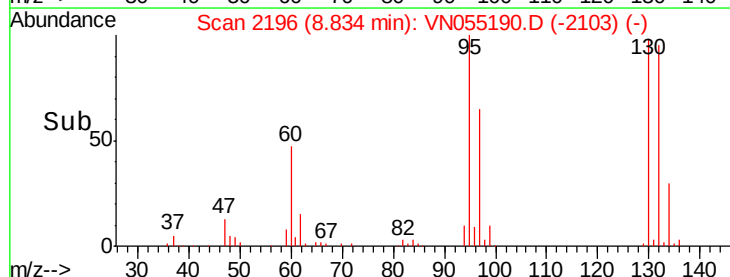
95 101.5 0.0 203.6

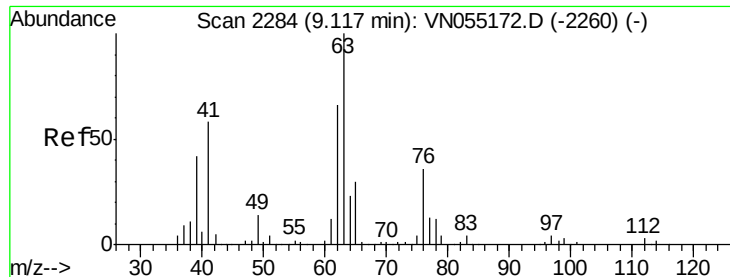


Abundance Ion 129.80 (129.50 to 130.50): VN055172.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN055172.D (-2179) (-)

8.83

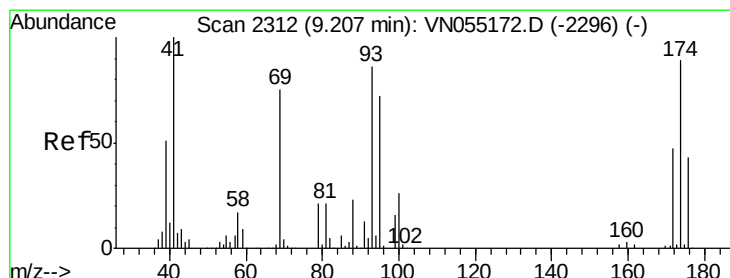
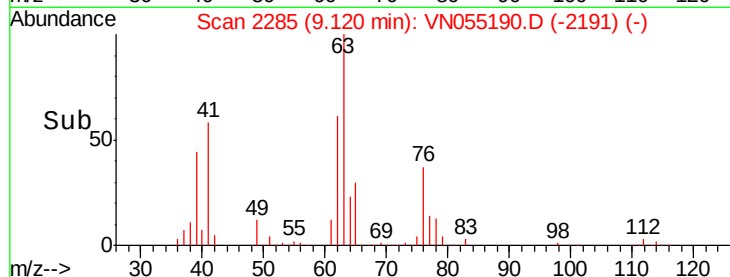
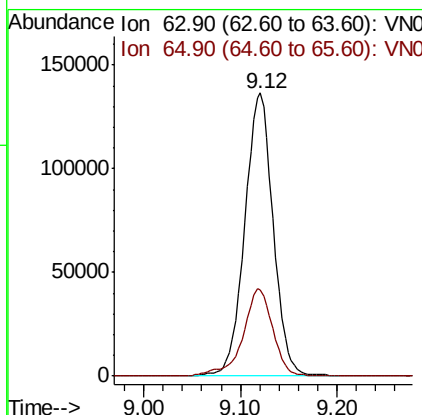
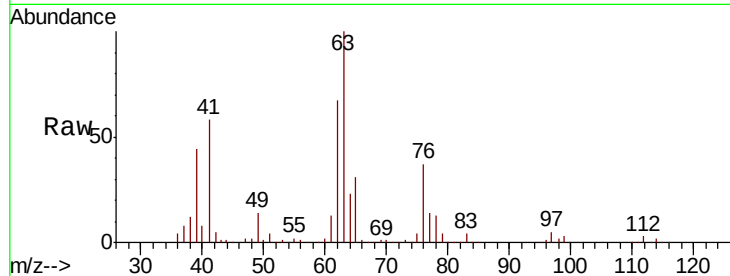




#45
 1,2-Dichloropropane
 Concen: 50.734 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN055190.D
 Acq: 22 Apr 2019 19:00

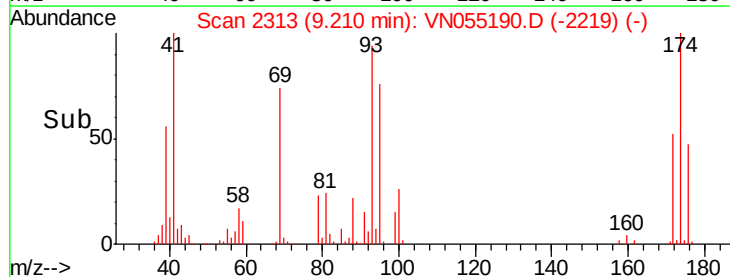
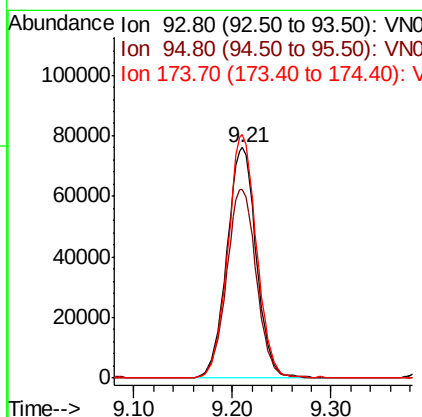
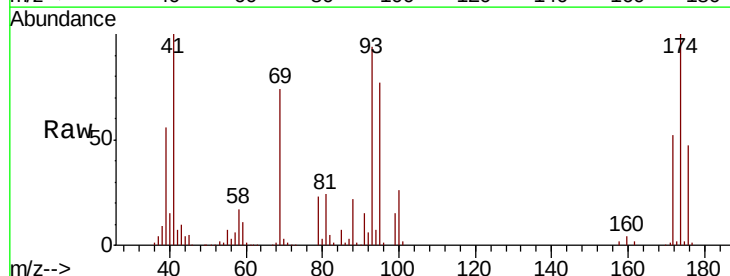
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

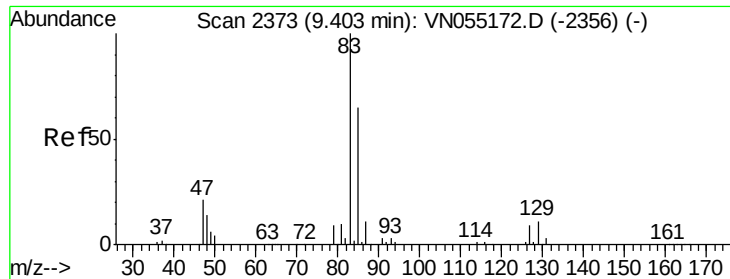
Tot Ion: 63 Resp: 278167
 Ion Ratio Lower Upper
 63 100
 65 30.6 23.8 35.6



#46
 Dibromomethane
 Concen: 50.309 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN055190.D
 Acq: 22 Apr 2019 19:00

Tgt Ion: 93 Resp: 157904
 Ion Ratio Lower Upper
 93 100
 95 82.9 67.6 101.4
 174 103.1 83.4 125.2





#47

Bromodichloromethane

Concen: 52.085 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN055190.D

Acq: 22 Apr 2019 19:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

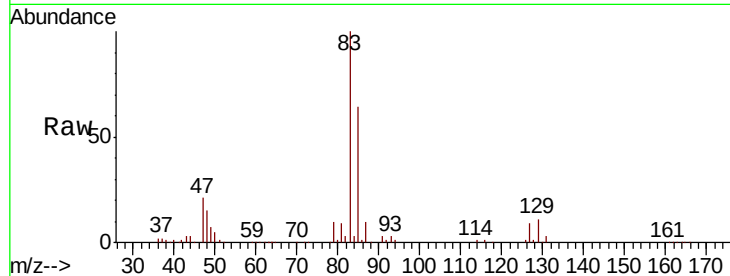
Tot Ion: 83 Resp: 327265

Ion Ratio Lower Upper

83 100

85 64.2 52.1 78.1

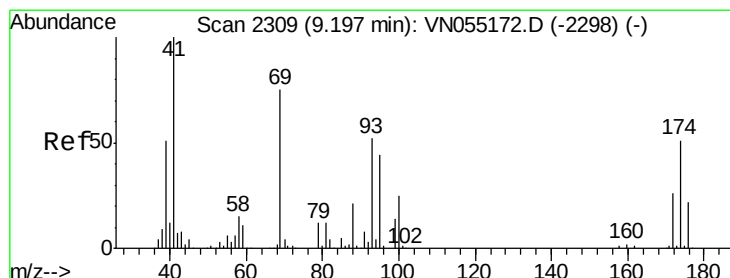
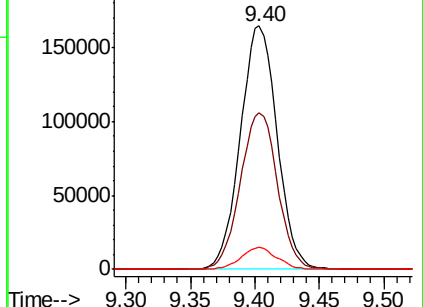
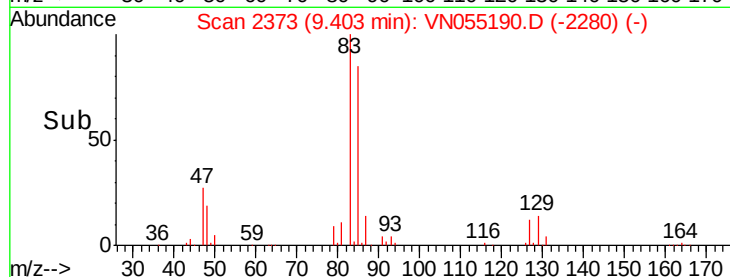
127 9.0 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VN055190.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN055190.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN055190.D (-2280) (-)



#48

Methyl methacrylate

Concen: 54.048 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN055190.D

Acq: 22 Apr 2019 19:00

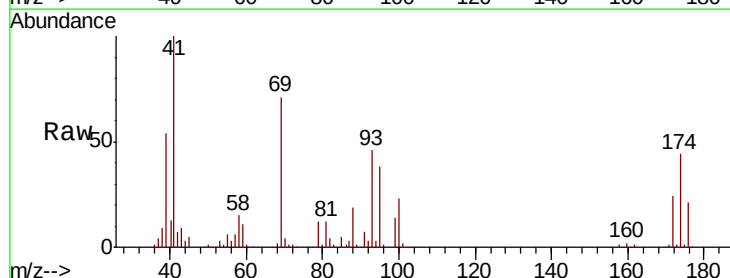
Tgt Ion: 41 Resp: 215588

Ion Ratio Lower Upper

41 100

69 77.6 63.6 95.4

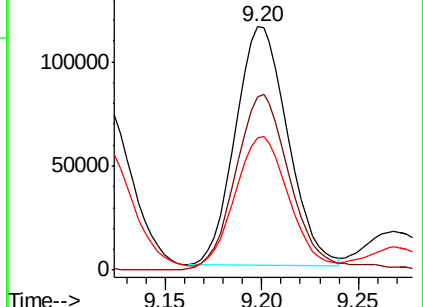
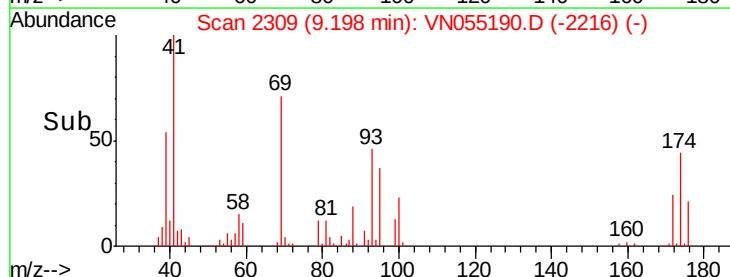
39 57.0 43.8 65.8

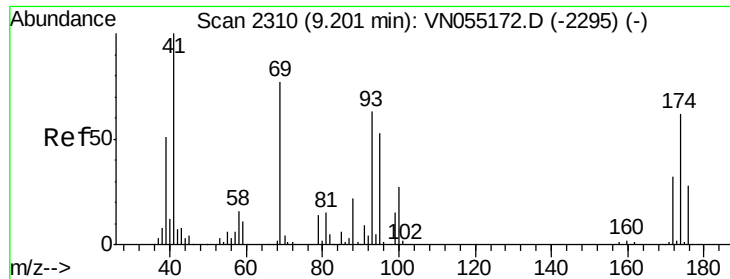


Abundance Ion 41.00 (40.70 to 41.70): VN055190.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN055190.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN055190.D (-2216) (-)





#49

1,4-Dioxane

Concen: 1041.230 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN055190.D

Acq: 22 Apr 2019 19:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

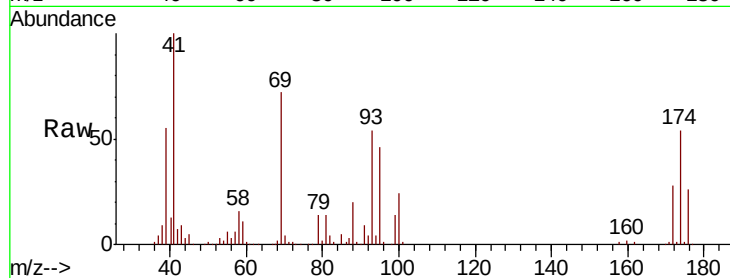
Tot Ion: 88 Resp: 47963

Ion Ratio Lower Upper

88 100

43 39.6 32.0 48.0

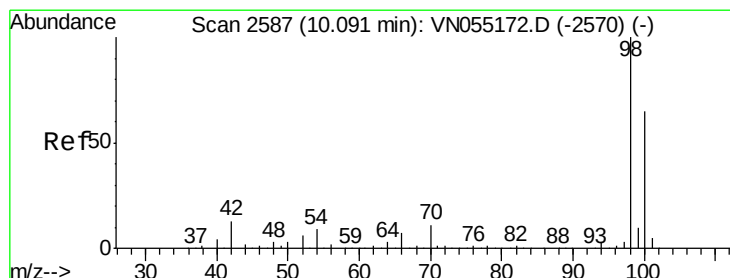
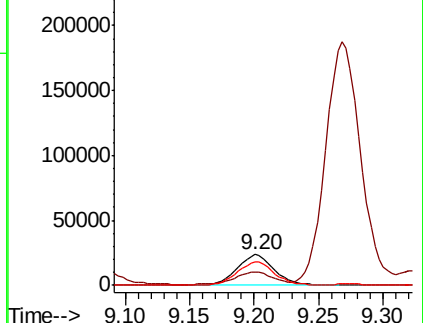
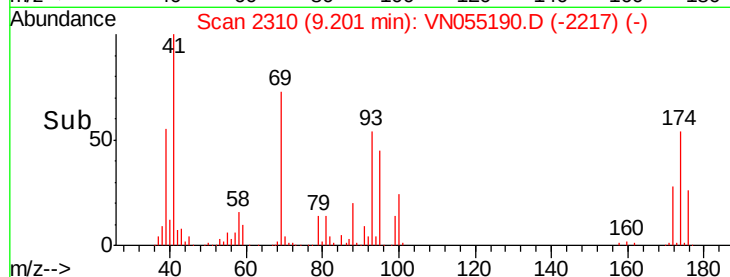
58 76.3 60.4 90.6



Abundance Ion 88.00 (87.70 to 88.70): VN055190.D (-2217) (-)

Ion 43.00 (42.70 to 43.70): VN055190.D (-2217) (-)

Ion 58.00 (57.70 to 58.70): VN055190.D (-2217) (-)



#50

Toluene-d8

Concen: 49.778 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055190.D

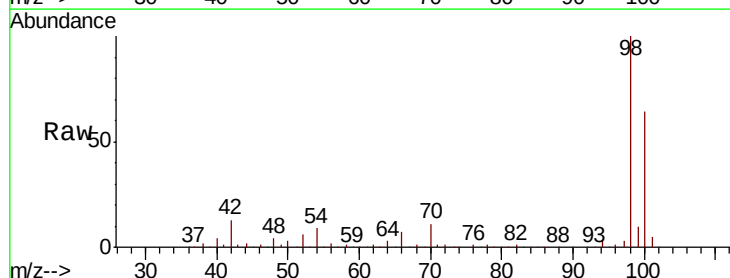
Acq: 22 Apr 2019 19:00

Tgt Ion: 98 Resp: 849413

Ion Ratio Lower Upper

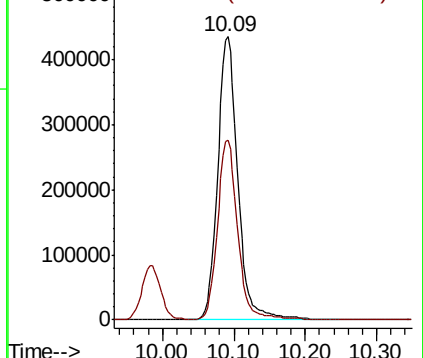
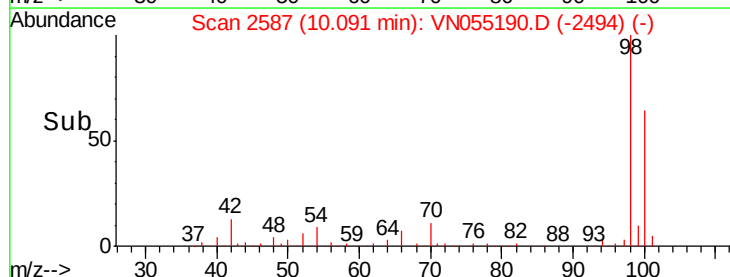
98 100

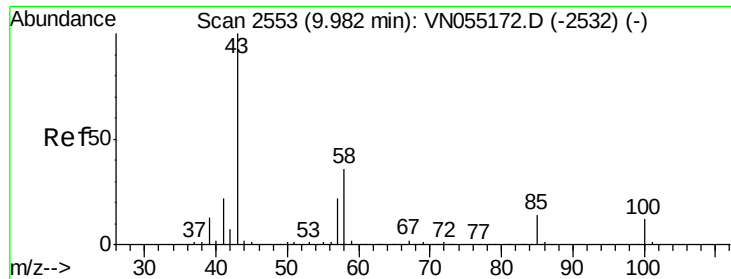
100 64.0 51.8 77.6



Abundance Ion 98.00 (97.70 to 98.70): VN055190.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN055190.D (-2494) (-)





#51

4-Methyl-2-Pentanone

Concen: 273.116 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. 0.00 min

Lab File: VN055190.D

Acq: 22 Apr 2019 19:00

Instrument :

MSVOA_N

ClientSampleId :

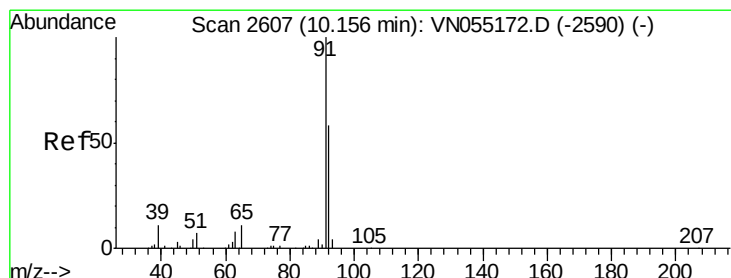
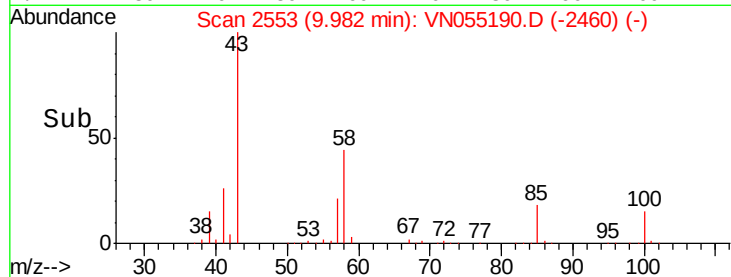
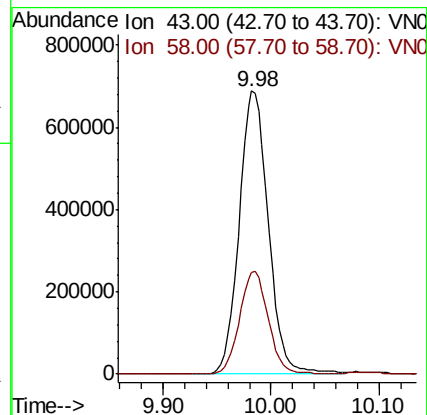
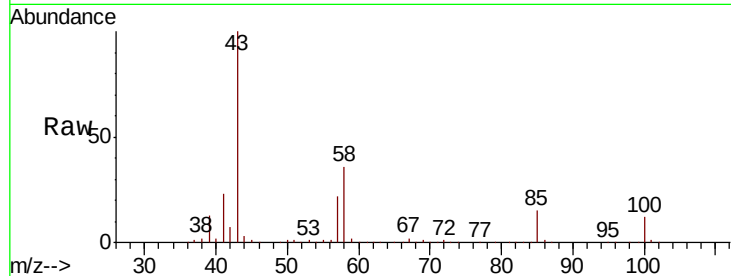
VSTDCCC050EC

Tot Ion: 43 Resp: 1292329

Ion Ratio Lower Upper

43 100

58 35.9 28.3 42.5



#52

Toluene

Concen: 50.848 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN055190.D

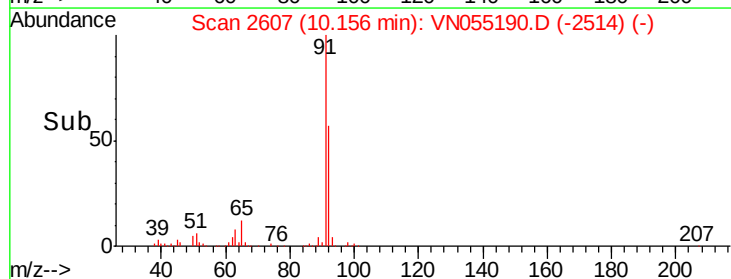
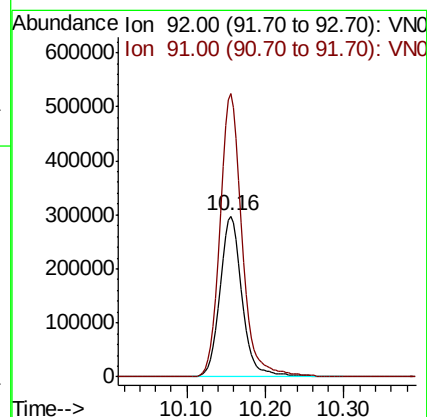
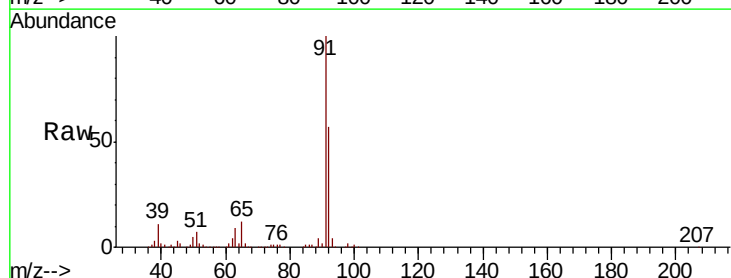
Acq: 22 Apr 2019 19:00

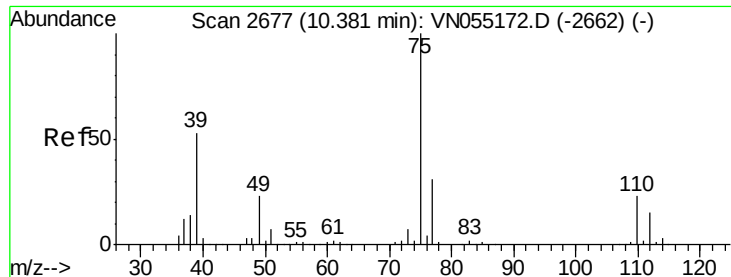
Tgt Ion: 92 Resp: 579002

Ion Ratio Lower Upper

92 100

91 174.7 138.7 208.1

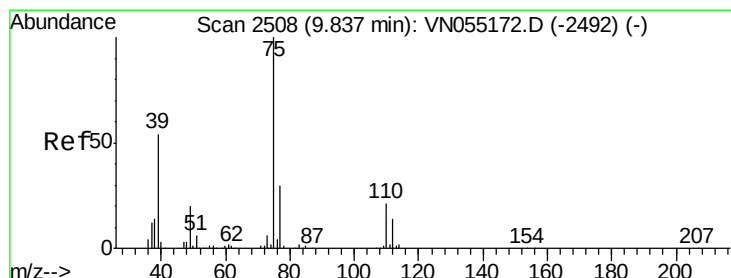
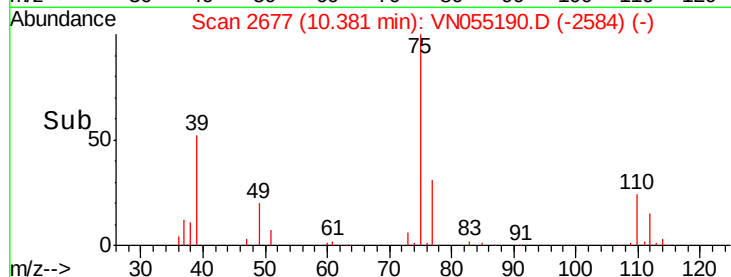
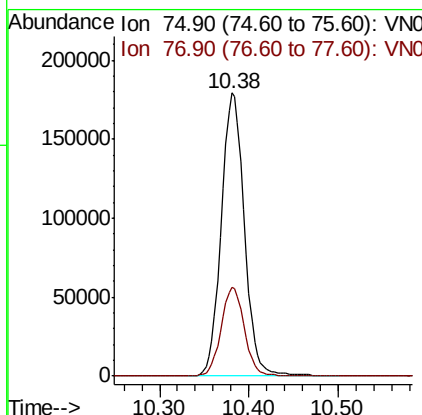
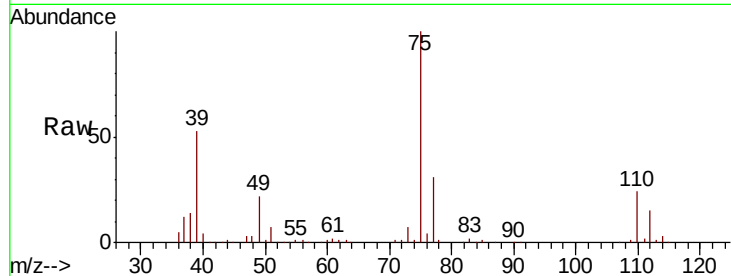




#53
t-1,3-Dichloropropene
Concen: 55.824 ug/l
RT: 10.38 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VN055190.D
Acq: 22 Apr 2019 19:00

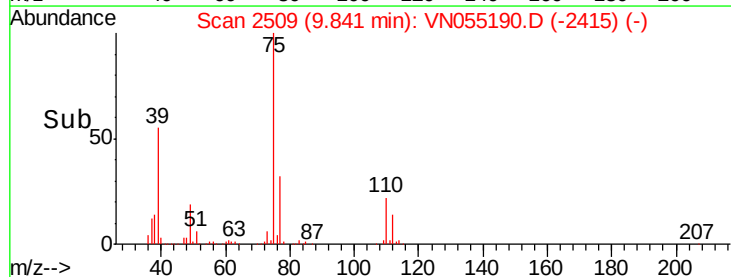
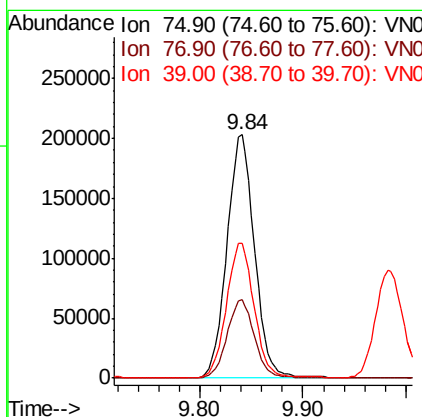
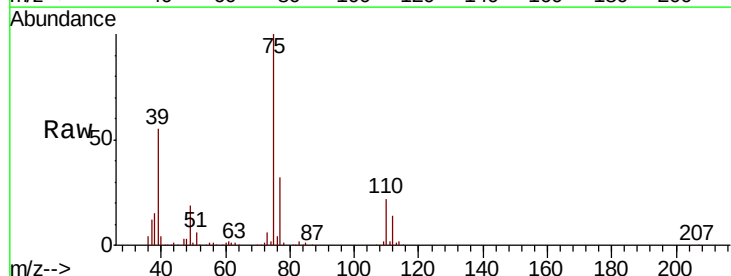
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

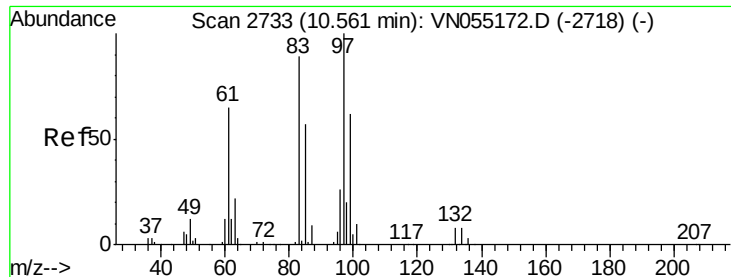
Tot Ion: 75 Resp: 321898
Ion Ratio Lower Upper
75 100
77 31.4 25.1 37.7



#54
cis-1,3-Dichloropropene
Concen: 52.920 ug/l
RT: 9.84 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN055190.D
Acq: 22 Apr 2019 19:00

Tgt Ion: 75 Resp: 378679
Ion Ratio Lower Upper
75 100
77 32.0 24.3 36.5
39 55.1 43.0 64.4

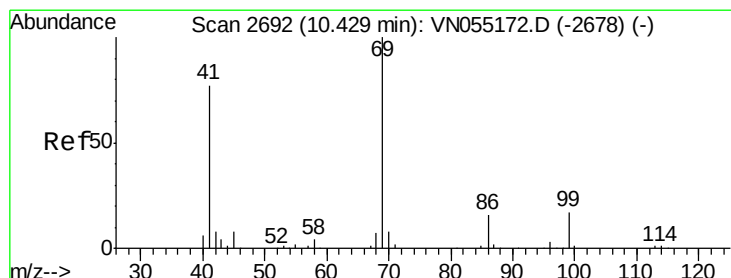
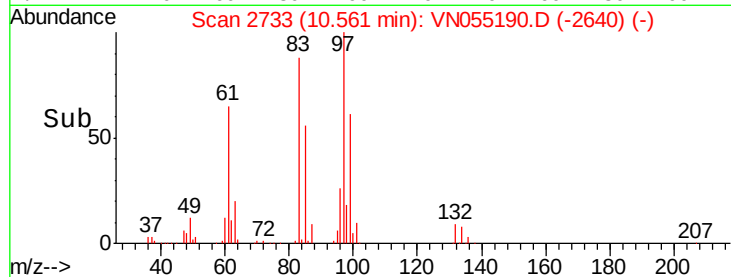
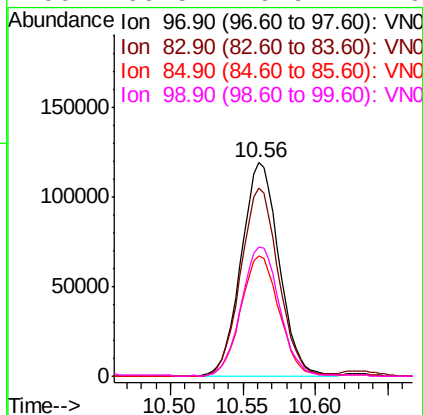
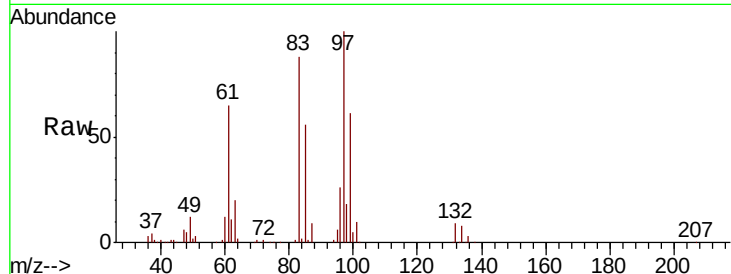




#55
 1,1,2-Trichloroethane
 Concen: 51.857 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN055190.D
 Acq: 22 Apr 2019 19:00

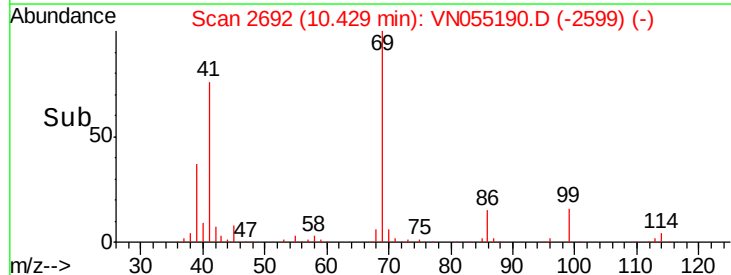
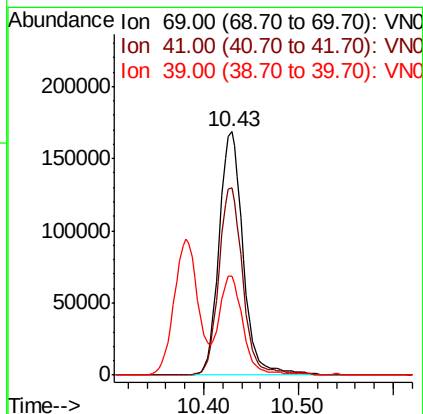
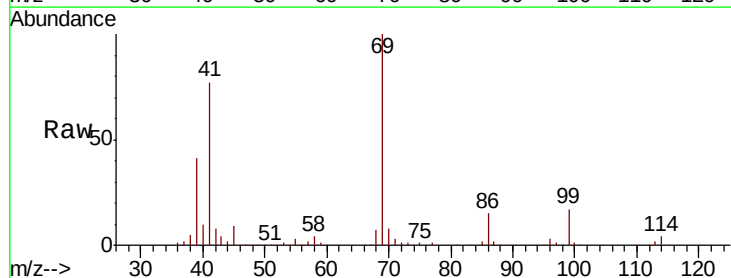
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

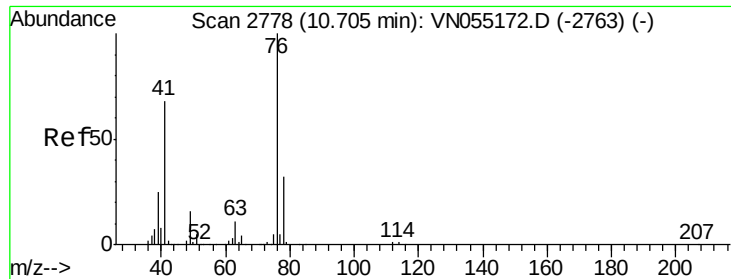
Tot Ion:	97	Resp:	217697
Ion	Ratio	Lower	Upper
97	100		
83	88.0	71.5	107.3
85	56.5	45.8	68.6
99	60.5	49.9	74.9



#56
 Ethyl methacrylate
 Concen: 56.949 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN055190.D
 Acq: 22 Apr 2019 19:00

Tgt Ion:	69	Resp:	297822
Ion	Ratio	Lower	Upper
69	100		
41	76.2	60.6	90.8
39	39.1	31.7	47.5





#57

1,3-Dichloropropane

Concen: 52.276 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN055190.D

Acq: 22 Apr 2019 19:00

Instrument :

MSVOA_N

ClientSampleId :

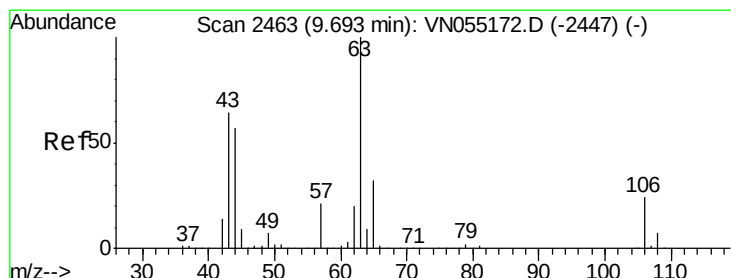
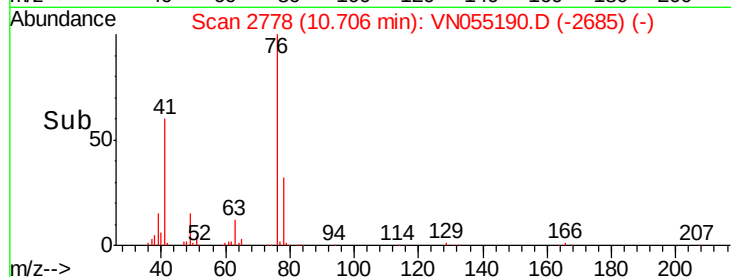
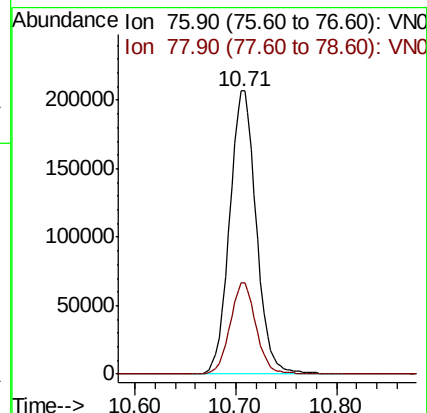
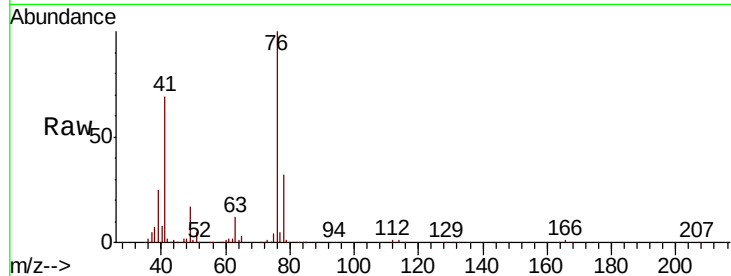
VSTDCCC050EC

Tot Ion: 76 Resp: 381821

Ion Ratio Lower Upper

76 100

78 31.6 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 243.650 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN055190.D

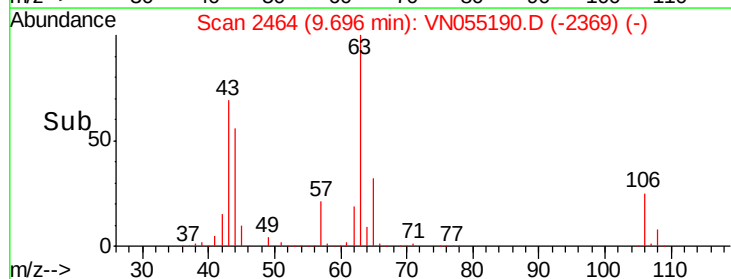
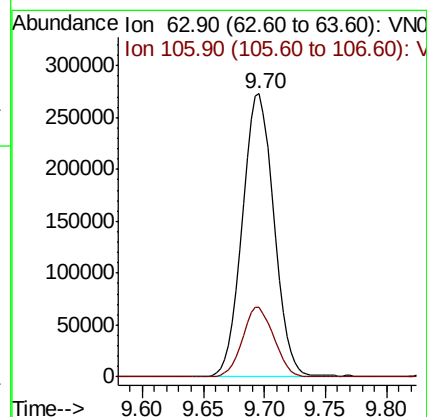
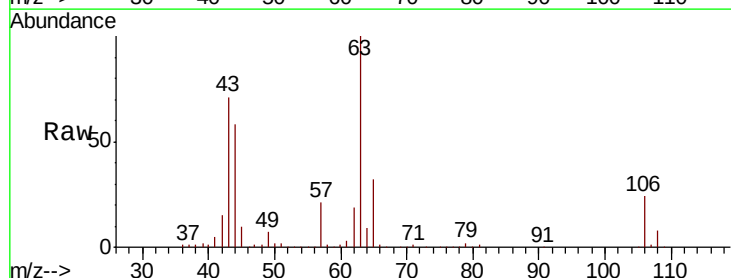
Acq: 22 Apr 2019 19:00

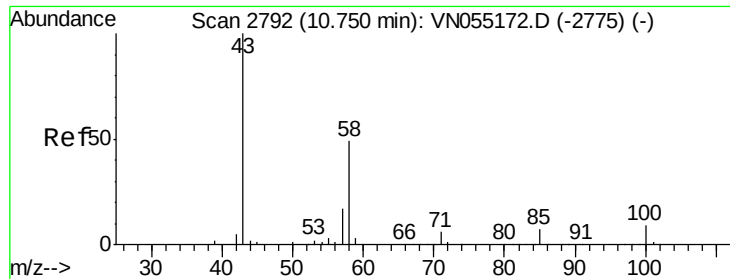
Tgt Ion: 63 Resp: 490374

Ion Ratio Lower Upper

63 100

106 24.5 19.4 29.0

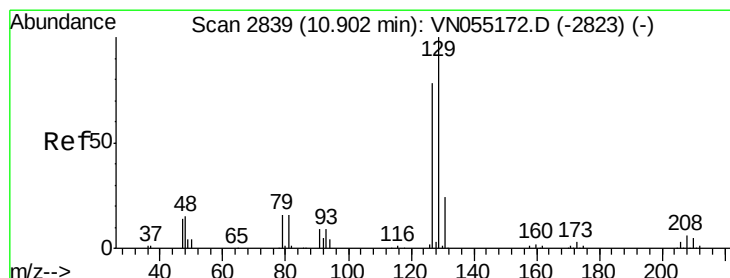
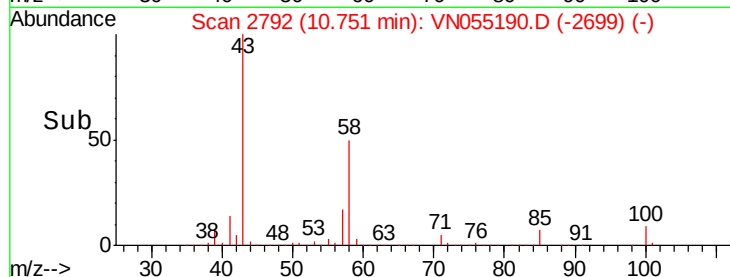
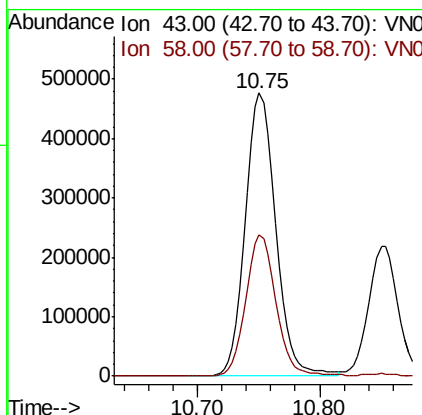
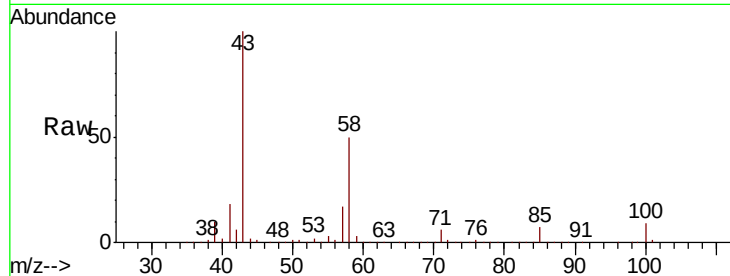




#59
2-Hexanone
Concen: 272.665 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN055190.D
Acq: 22 Apr 2019 19:00

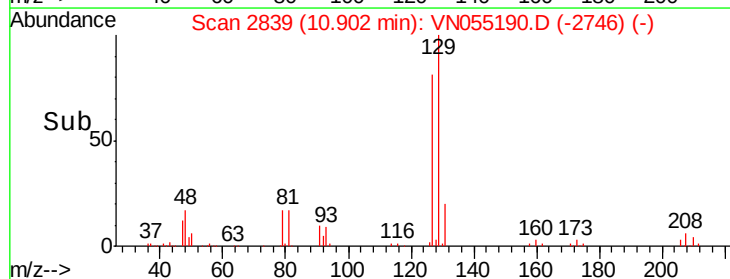
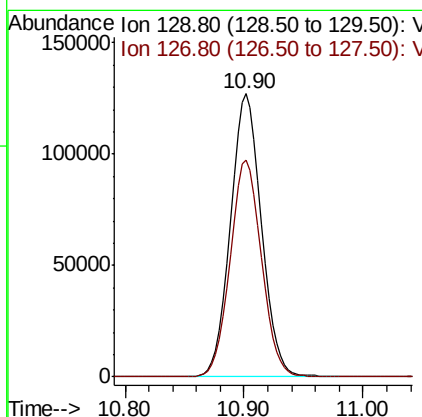
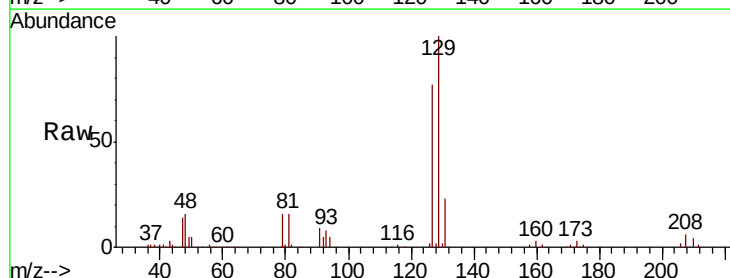
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

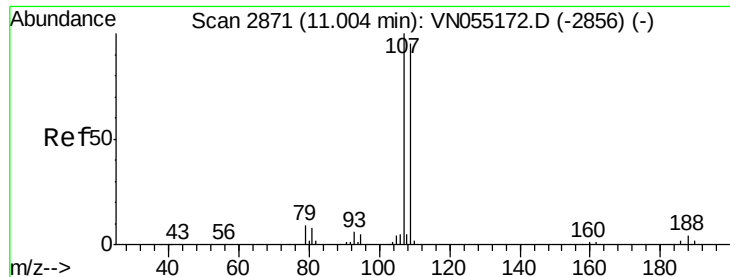
Tot Ion: 43 Resp: 814947
Ion Ratio Lower Upper
43 100
58 49.6 24.5 73.5



#60
Dibromochloromethane
Concen: 52.976 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN055190.D
Acq: 22 Apr 2019 19:00

Tgt Ion: 129 Resp: 229071
Ion Ratio Lower Upper
129 100
127 77.4 39.0 117.0





#61

1,2-Dibromoethane

Concen: 53.800 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VN055190.D

Acq: 22 Apr 2019 19:00

Instrument :

MSVOA_N

ClientSampleId :

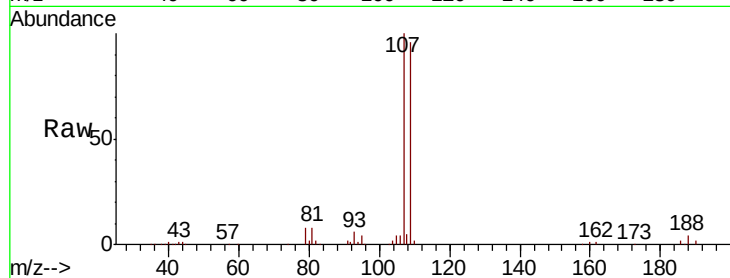
VSTDCCC050EC

Tot Ion: 107 Resp: 212346

Ion Ratio Lower Upper

107 100

109 93.7 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.00

120000

100000

80000

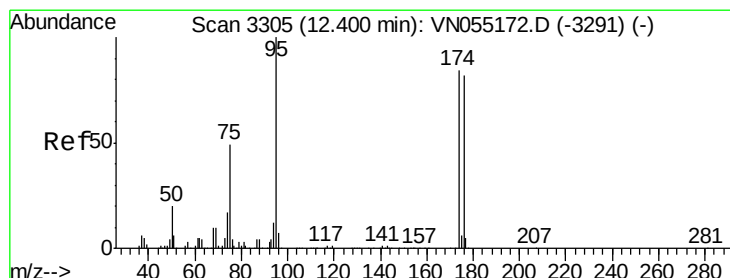
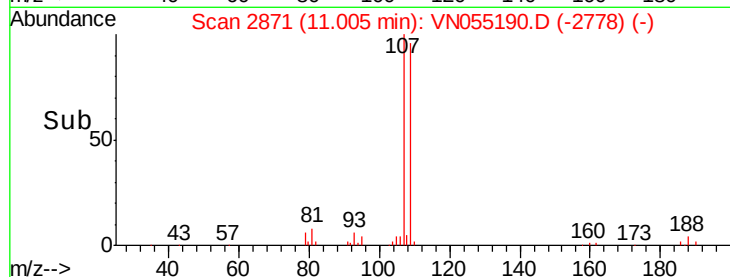
60000

40000

20000

0

Time--> 10.90 11.00 11.10



#62

4-Bromofluorobenzene

Concen: 51.533 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055190.D

Acq: 22 Apr 2019 19:00

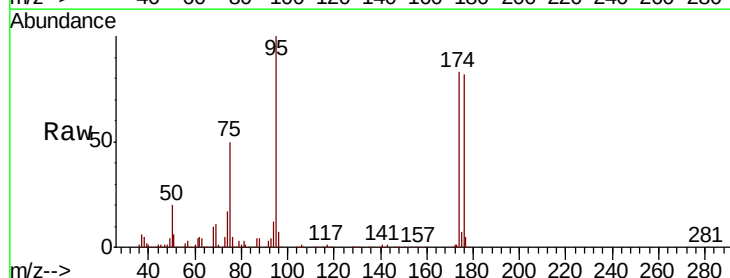
Tgt Ion: 95 Resp: 278471

Ion Ratio Lower Upper

95 100

174 84.7 0.0 168.4

176 82.8 0.0 164.0



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

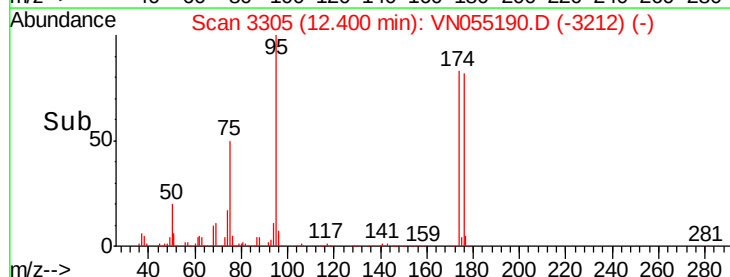
150000

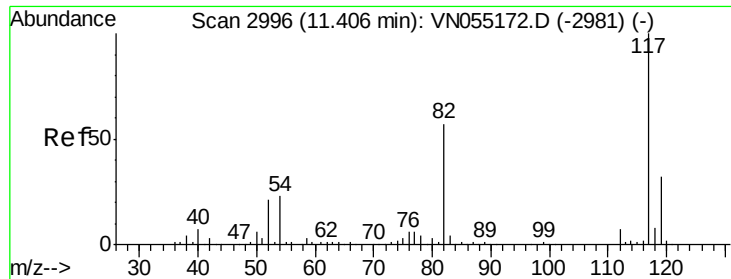
100000

50000

0

Time--> 12.35 12.40 12.45

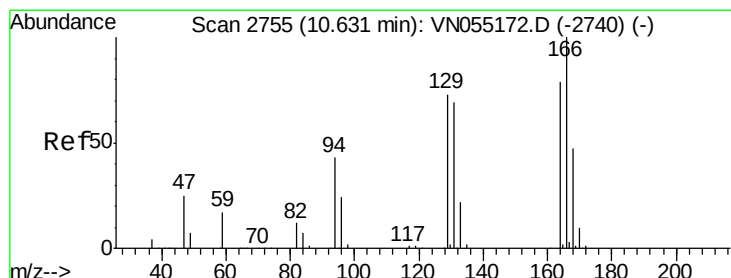
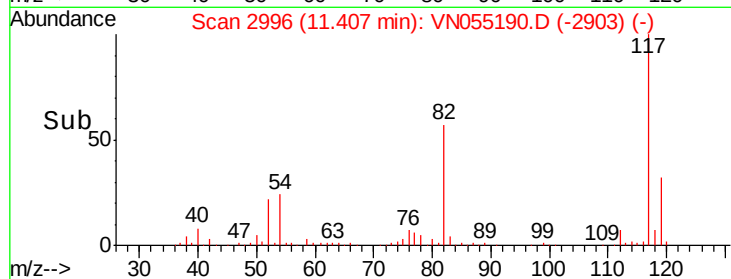
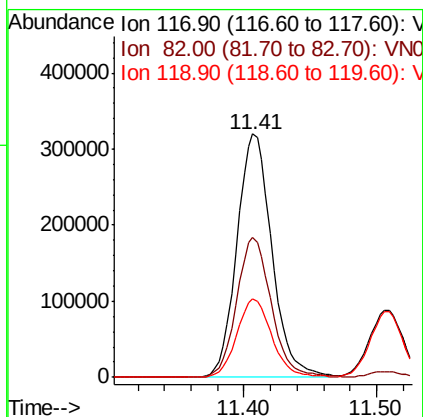
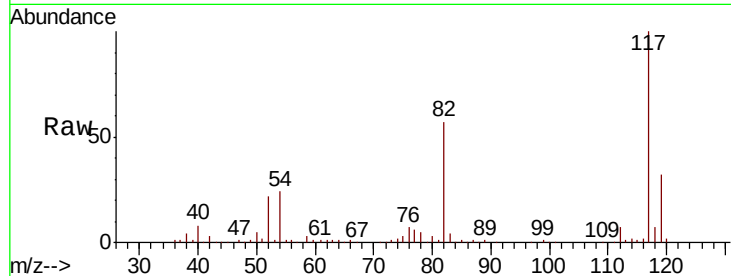




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055190.D
Acq: 22 Apr 2019 19:00

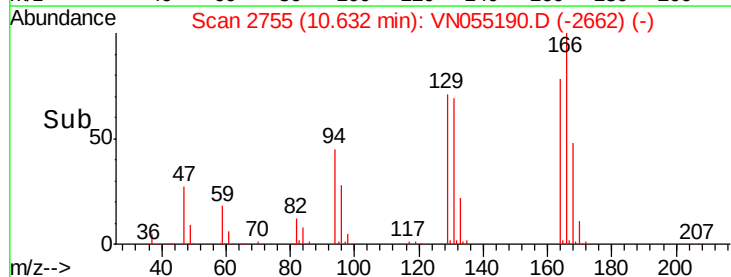
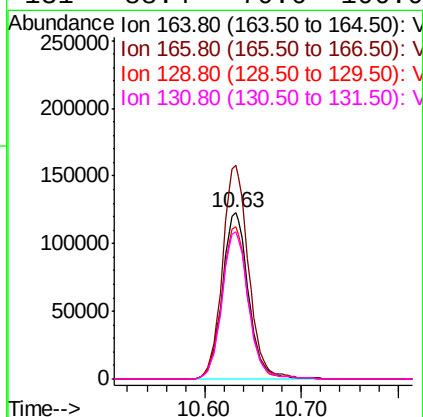
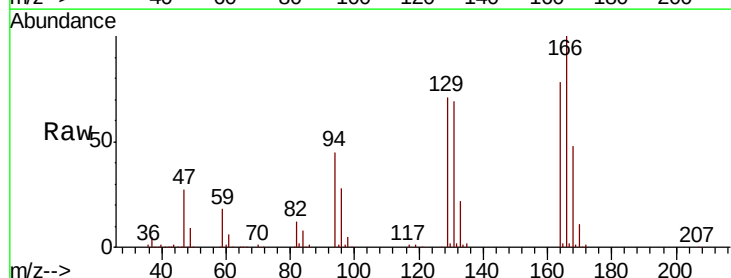
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

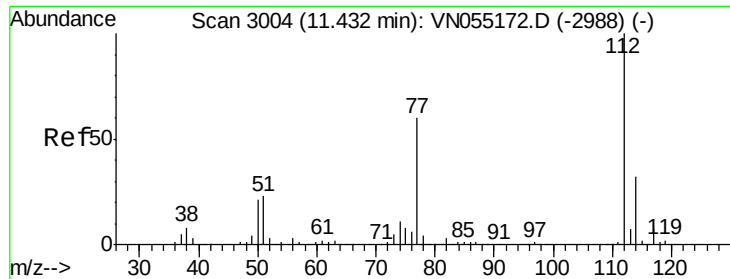
Tot Ion:117 Resp: 587263
Ion Ratio Lower Upper
117 100
82 57.4 45.7 68.5
119 32.0 25.4 38.2



#64
Tetrachloroethene
Concen: 48.282 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN055190.D
Acq: 22 Apr 2019 19:00

Tgt Ion:164 Resp: 231307
Ion Ratio Lower Upper
164 100
166 128.7 101.9 152.9
129 91.8 74.1 111.1
131 88.4 70.6 106.0

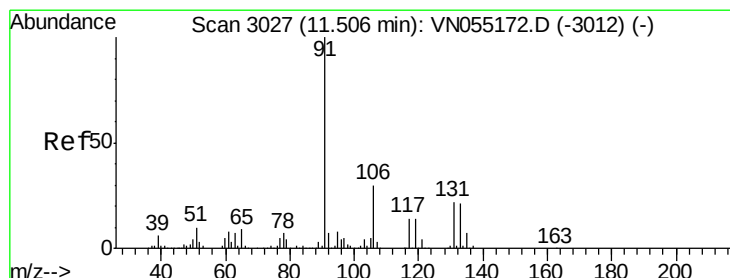
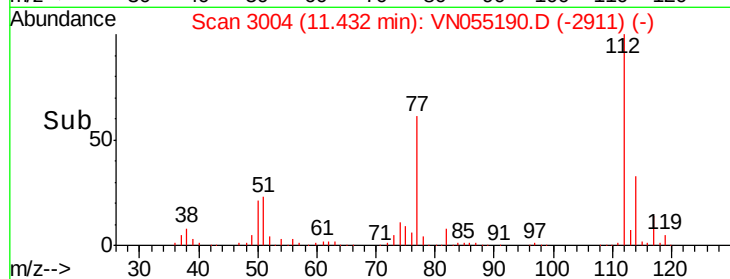
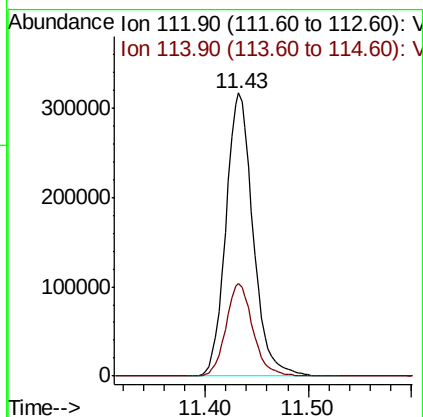
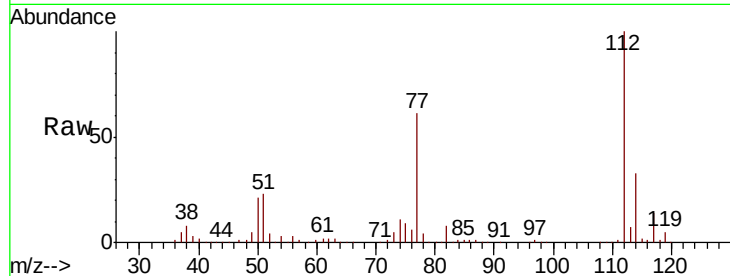




#65
Chlorobenzene
Concen: 48.481 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN055190.D
Acq: 22 Apr 2019 19:00

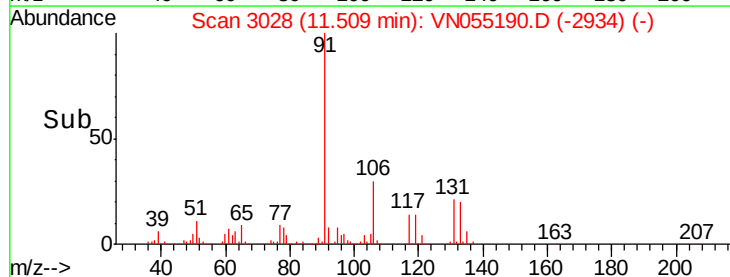
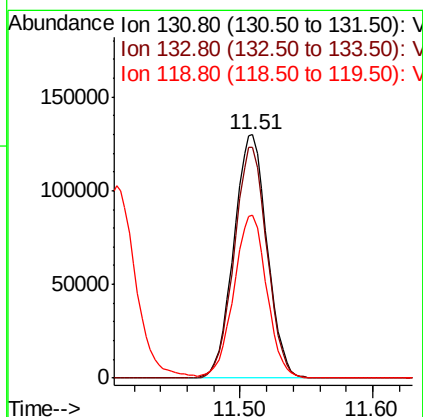
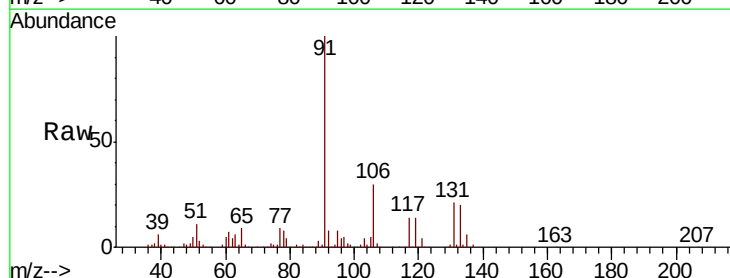
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

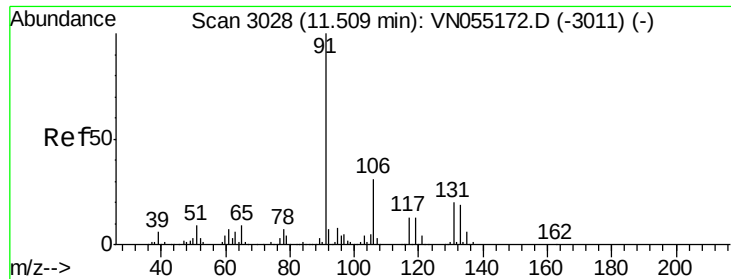
Tot Ion:112 Resp: 581129
Ion Ratio Lower Upper
112 100
114 32.7 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 50.943 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055190.D
Acq: 22 Apr 2019 19:00

Tgt Ion:131 Resp: 226321
Ion Ratio Lower Upper
131 100
133 93.5 47.7 143.1
119 66.1 33.2 99.6

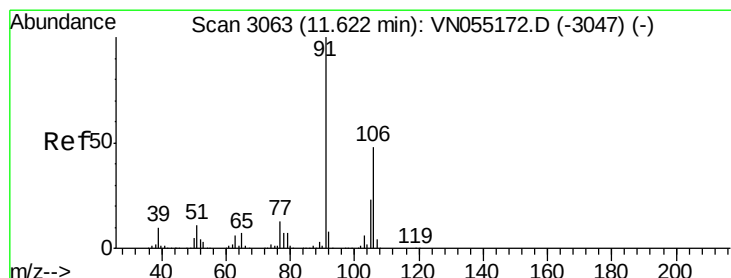
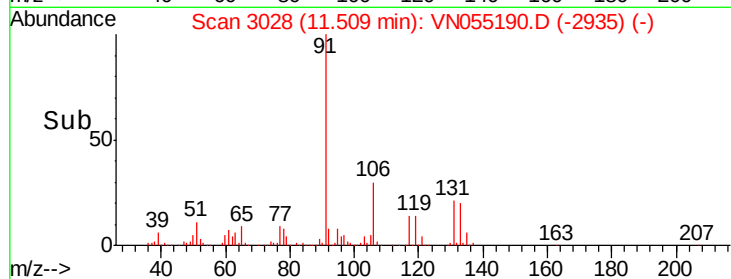
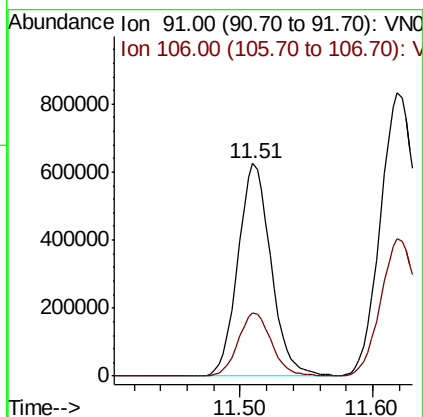
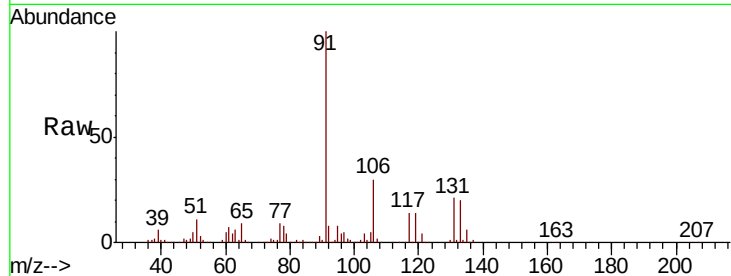




#67
Ethyl Benzene
Concen: 50.622 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055190.D
Acq: 22 Apr 2019 19:00

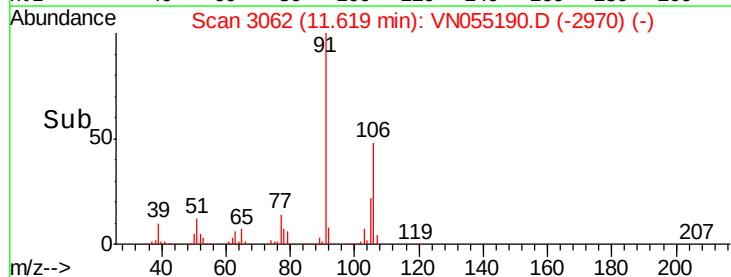
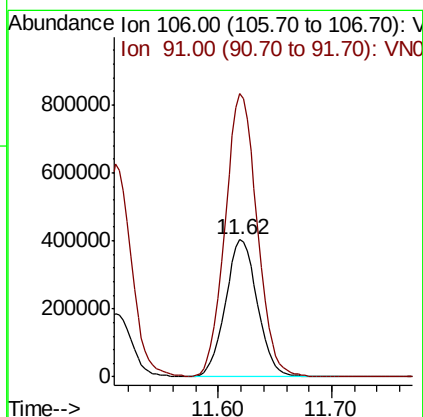
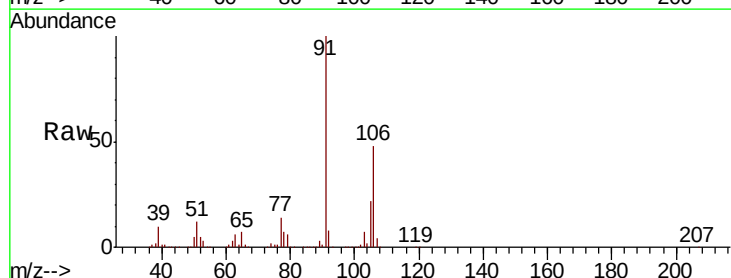
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

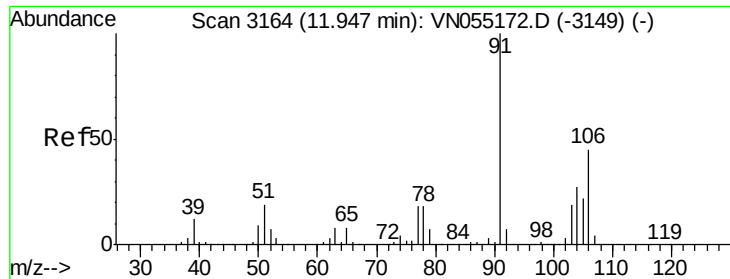
Tot Ion: 91 Resp: 1080890
Ion Ratio Lower Upper
91 100
106 30.0 24.5 36.7



#68
m/p-Xylenes
Concen: 103.565 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN055190.D
Acq: 22 Apr 2019 19:00

Tgt Ion: 106 Resp: 793116
Ion Ratio Lower Upper
106 100
91 206.5 167.1 250.7

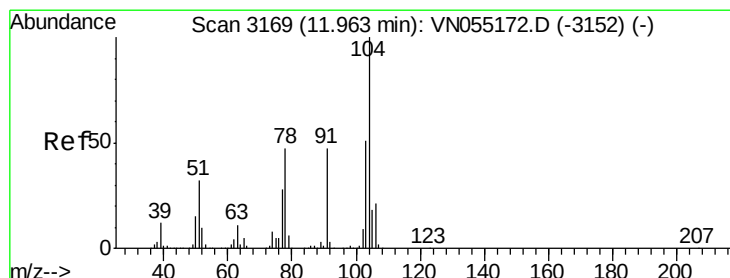
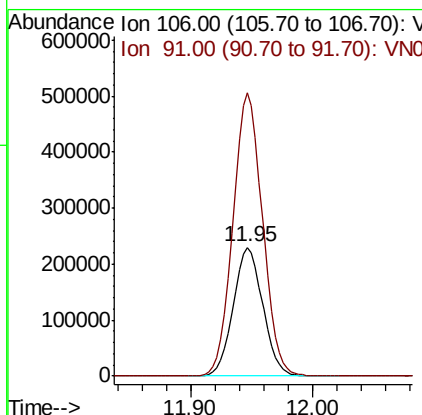
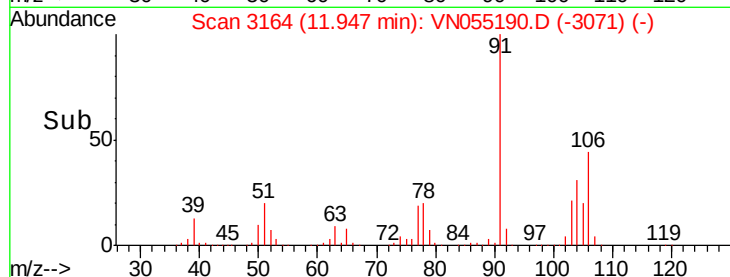
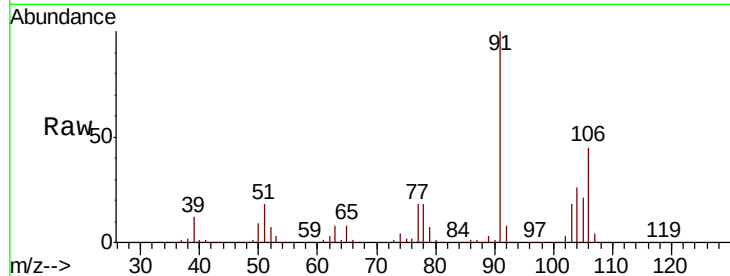




#69
o-Xylene
Concen: 50.807 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055190.D
Acq: 22 Apr 2019 19:00

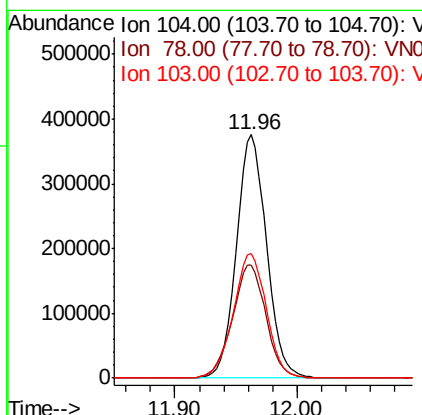
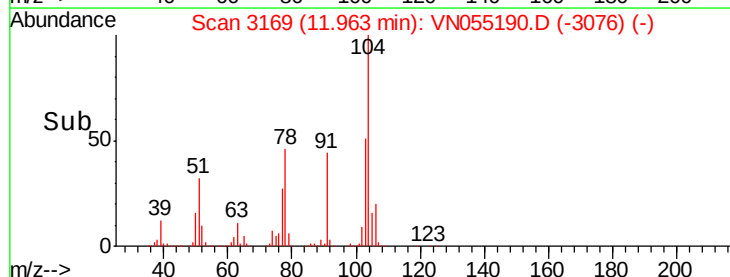
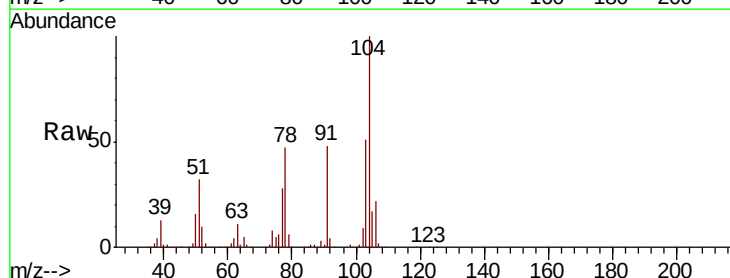
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

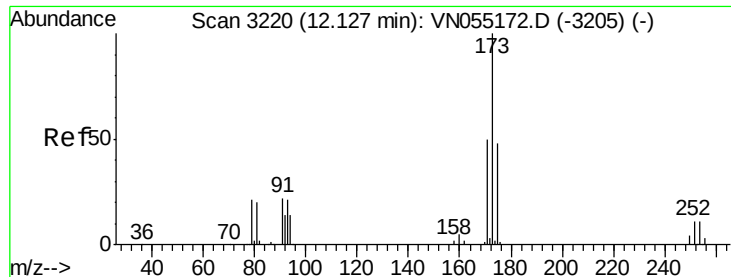
Tot Ion:106 Resp: 386130
Ion Ratio Lower Upper
106 100
91 220.2 110.6 331.8



#70
Styrene
Concen: 54.496 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN055190.D
Acq: 22 Apr 2019 19:00

Tgt Ion:104 Resp: 641986
Ion Ratio Lower Upper
104 100
78 51.9 41.3 61.9
103 56.2 44.2 66.4





#71

Bromoform

Concen: 55.041 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN055190.D

Acq: 22 Apr 2019 19:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

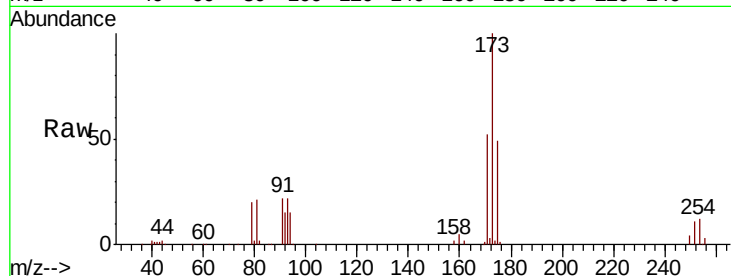
Tot Ion:173 Resp: 145921

Ion Ratio Lower Upper

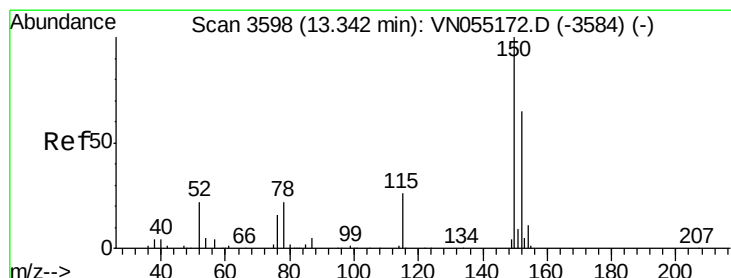
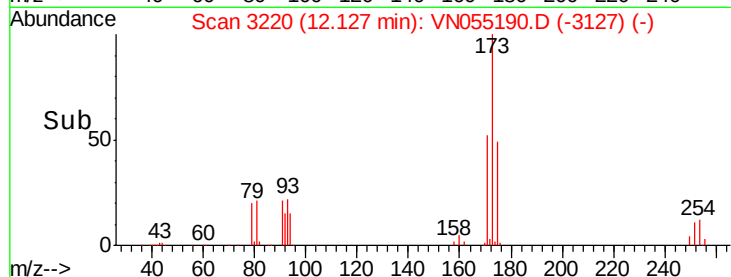
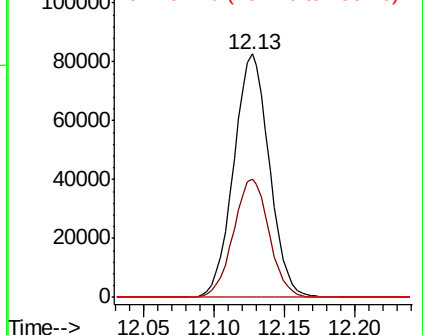
173 100

175 48.7 23.8 71.2

254 0.1 0.1 0.1#



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: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055190.D

Acq: 22 Apr 2019 19:00

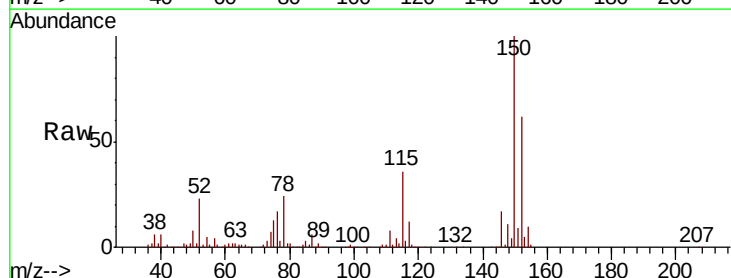
Tgt Ion:152 Resp: 247691

Ion Ratio Lower Upper

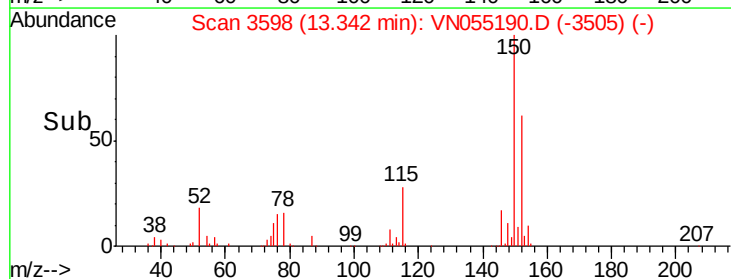
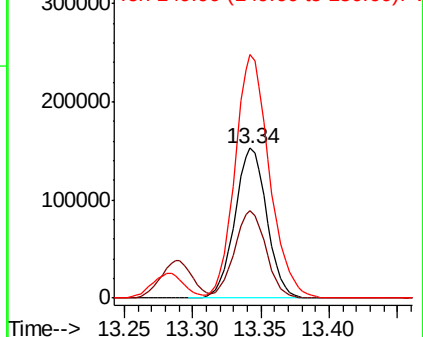
152 100

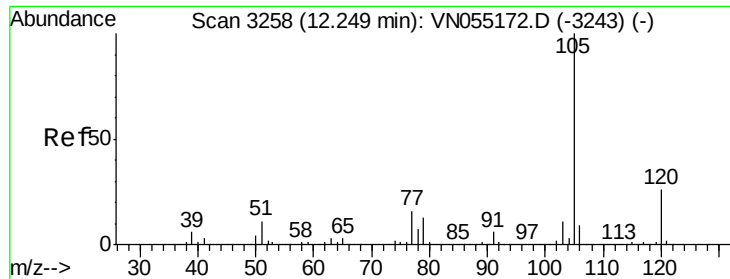
115 57.6 28.9 86.7

150 174.8 0.0 346.6



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: 51.631 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055190.D

Acq: 22 Apr 2019 19:00

Instrument :

MSVOA_N

ClientSampleId :

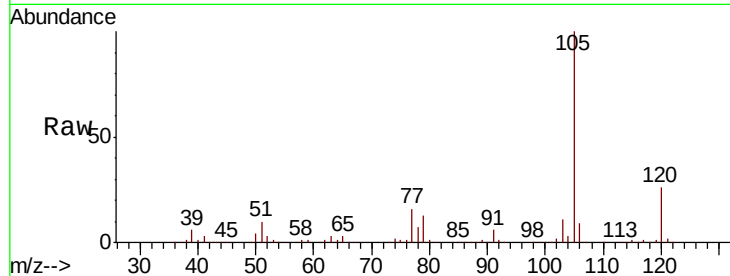
VSTDCCC050EC

Tot Ion:105 Resp: 1026118

Ion Ratio Lower Upper

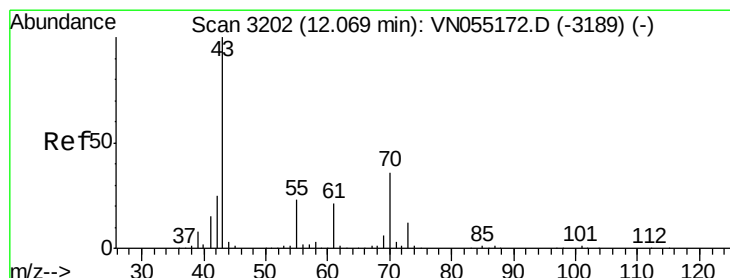
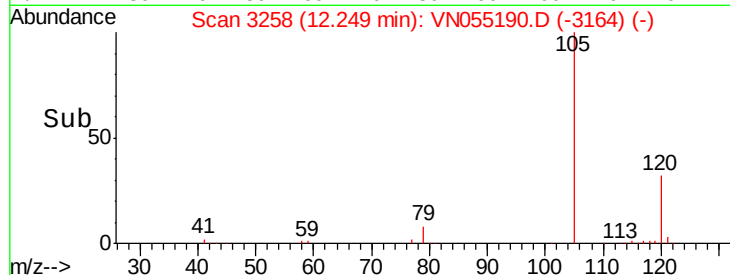
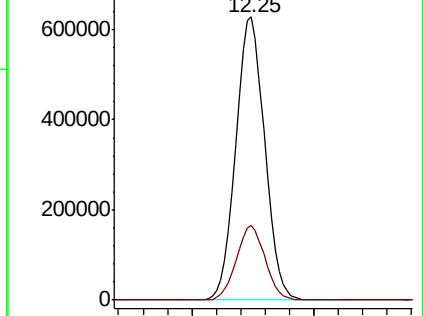
105 100

120 26.2 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 54.752 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN055190.D

Acq: 22 Apr 2019 19:00

Tgt Ion: 43 Resp: 349647

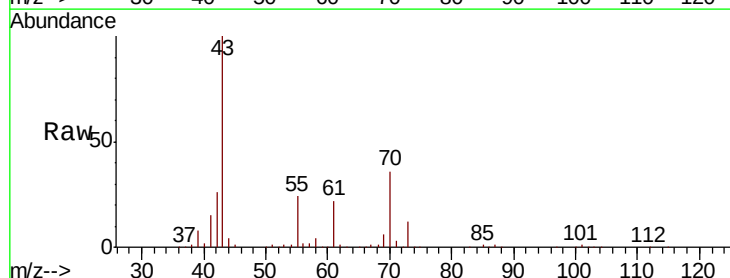
Ion Ratio Lower Upper

43 100

70 36.4 29.0 43.6

55 23.4 18.5 27.7

61 21.8 17.0 25.4

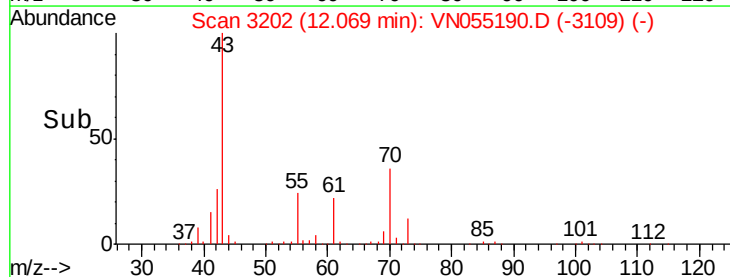
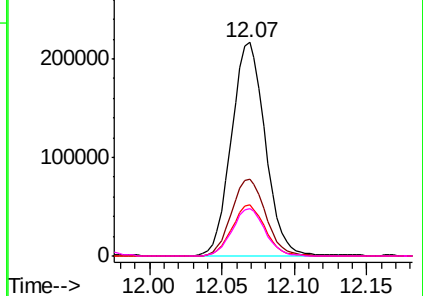


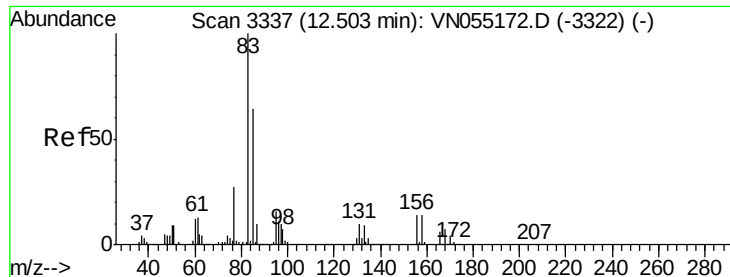
Abundance Ion 43.00 (42.70 to 43.70): V

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: 54.696 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN055190.D

Acq: 22 Apr 2019 19:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

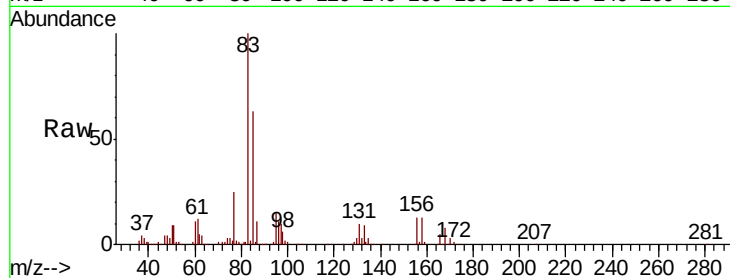
Tot Ion: 83 Resp: 274333

Ion Ratio Lower Upper

83 100

131 9.8 5.0 15.0

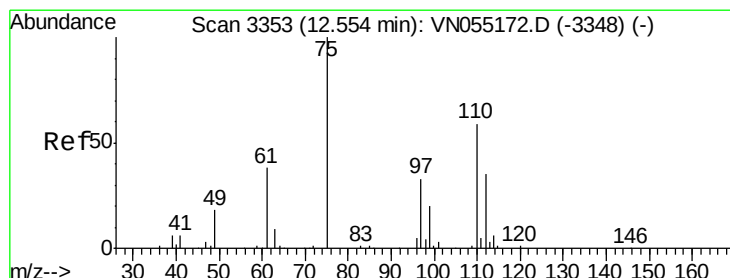
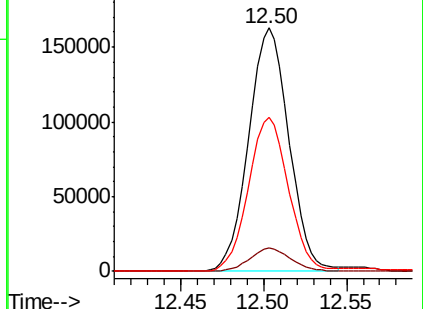
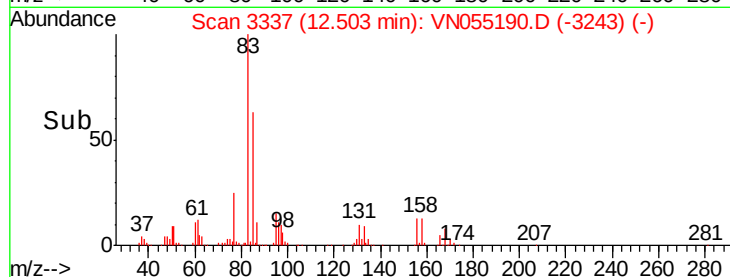
85 63.1 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VN055190.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN055190.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN055190.D (-3243) (-)



#76

1,2,3-Trichloropropane

Concen: 63.899 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN055190.D

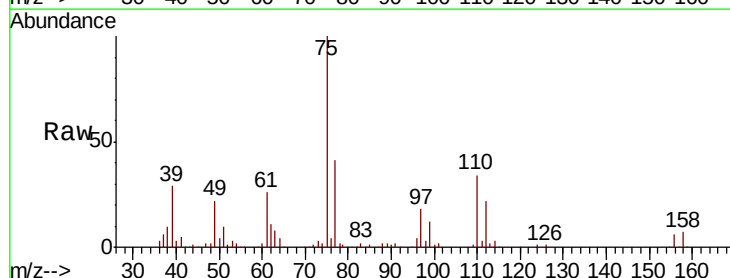
Acq: 22 Apr 2019 19:00

Tgt Ion: 75 Resp: 321091

Ion Ratio Lower Upper

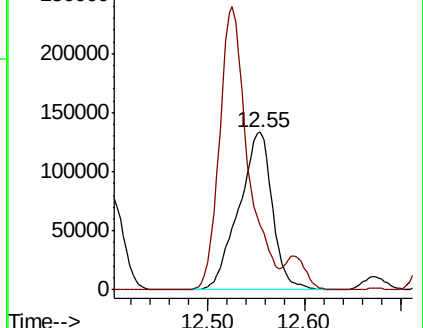
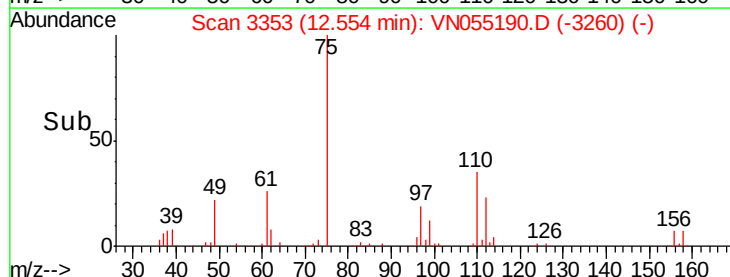
75 100

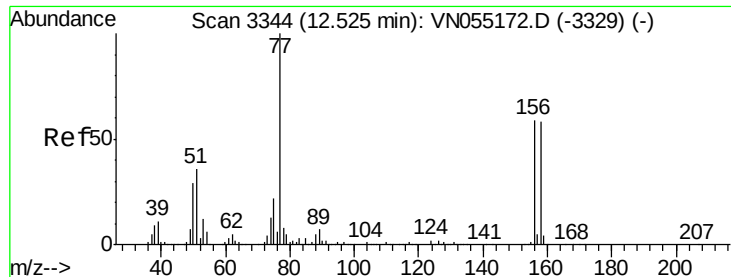
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN055190.D (-3260) (-)

Ion 77.00 (76.70 to 77.70): VN055190.D (-3260) (-)





#77

Bromobenzene

Concen: 45.639 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN055190.D

Acq: 22 Apr 2019 19:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

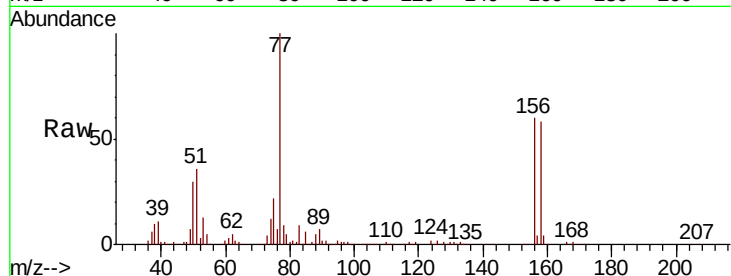
Tot Ion:156 Resp: 249559

Ion Ratio Lower Upper

156 100

77 195.7 98.0 293.9

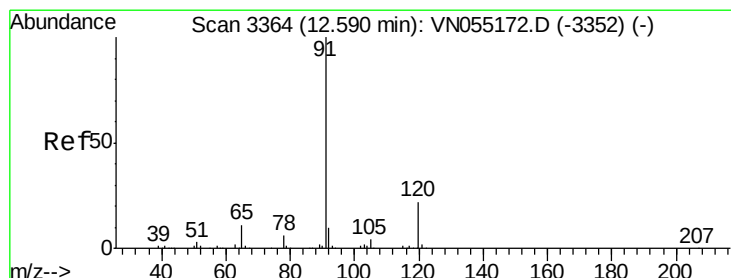
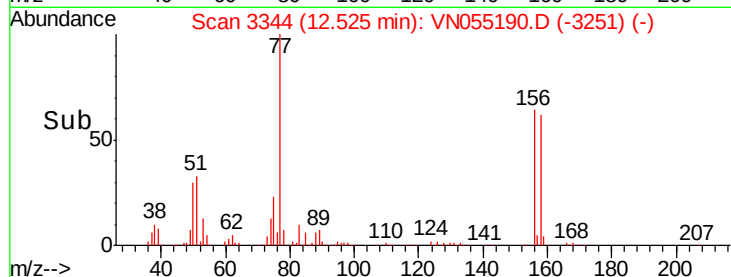
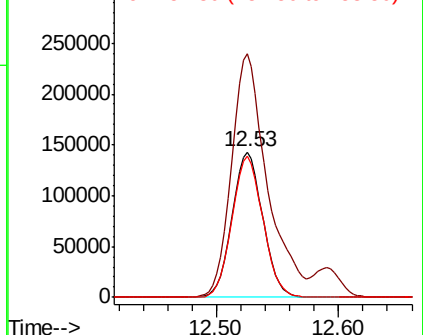
158 97.7 48.9 146.8



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: 45.643 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055190.D

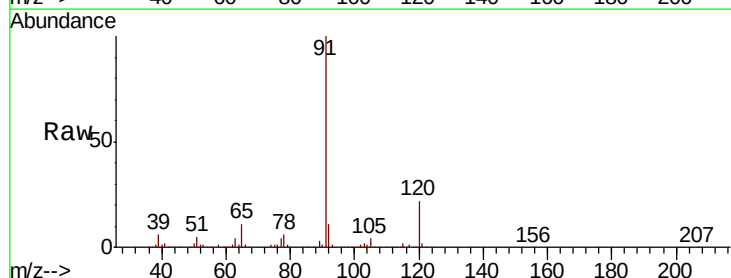
Acq: 22 Apr 2019 19:00

Tgt Ion: 91 Resp: 1133789

Ion Ratio Lower Upper

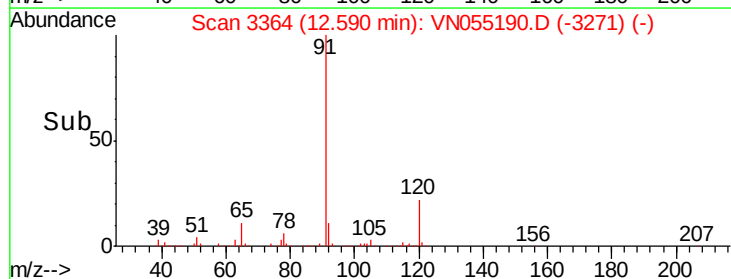
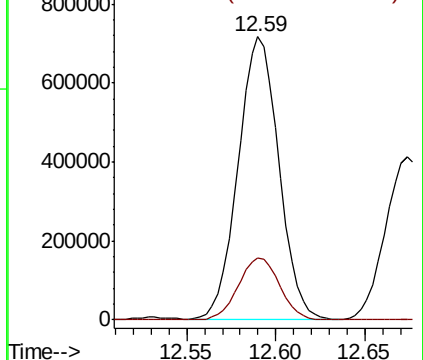
91 100

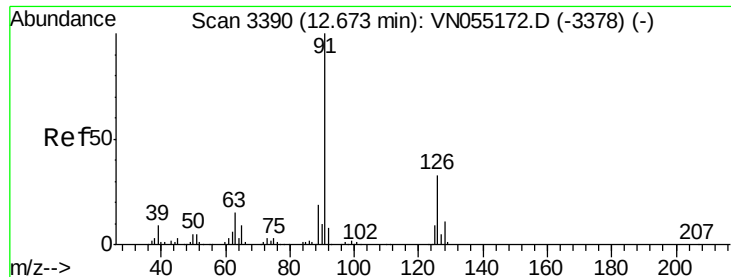
120 22.4 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 44.569 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN055190.D

Acq: 22 Apr 2019 19:00

Instrument :

MSVOA_N

ClientSampleId :

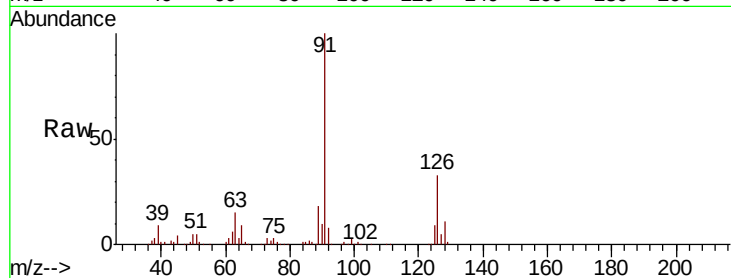
VSTDCCC050EC

Tot Ion: 91 Resp: 699076

Ion Ratio Lower Upper

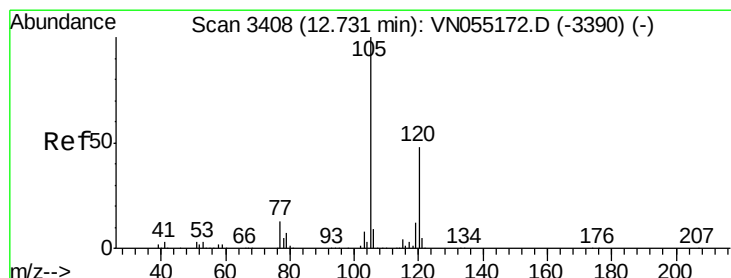
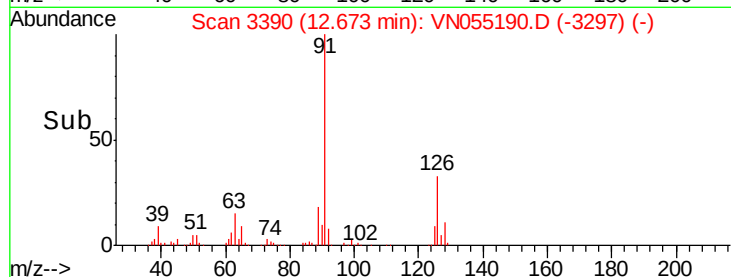
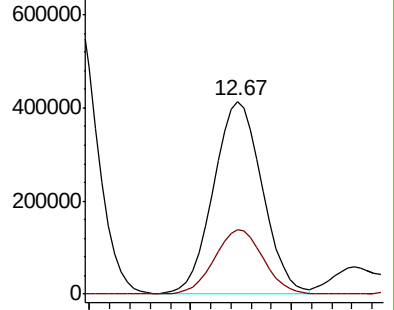
91 100

126 33.5 16.8 50.3



Abundance Ion 91.00 (90.70 to 91.70): VN055172.D (-3378) (-)

Ion 125.90 (125.60 to 126.60): VN055172.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: 45.821 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055190.D

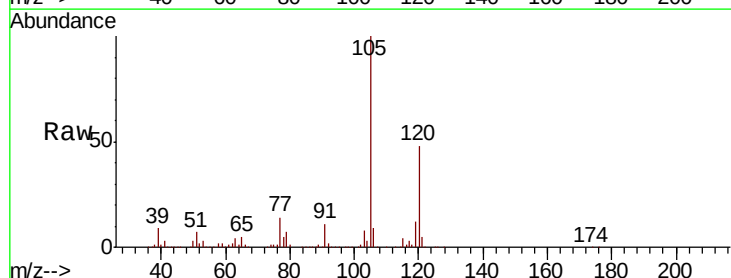
Acq: 22 Apr 2019 19:00

Tgt Ion:105 Resp: 849617

Ion Ratio Lower Upper

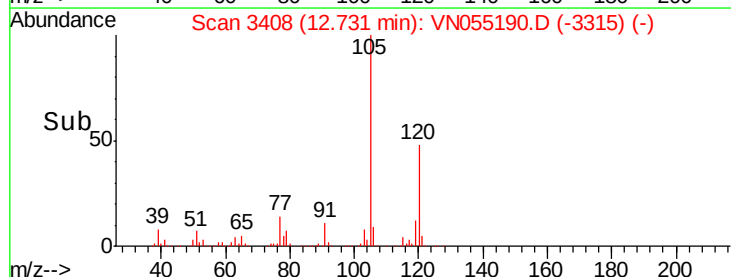
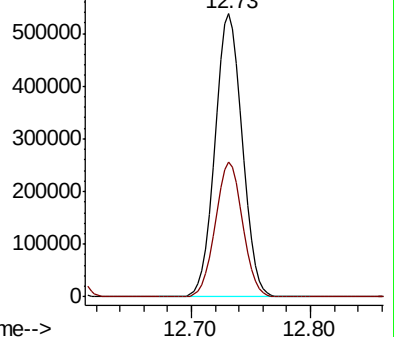
105 100

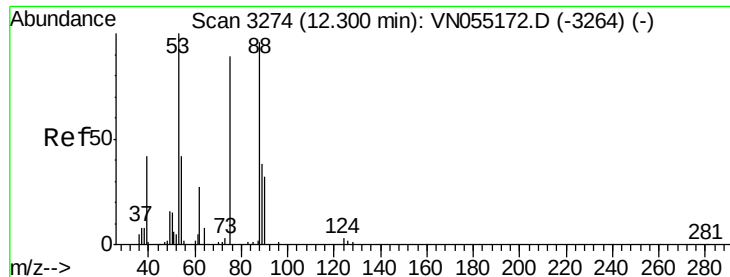
120 47.6 23.9 71.7



Abundance Ion 105.00 (104.70 to 105.70): VN055172.D (-3390) (-)

Ion 120.00 (119.70 to 120.70): VN055172.D (-3390) (-)

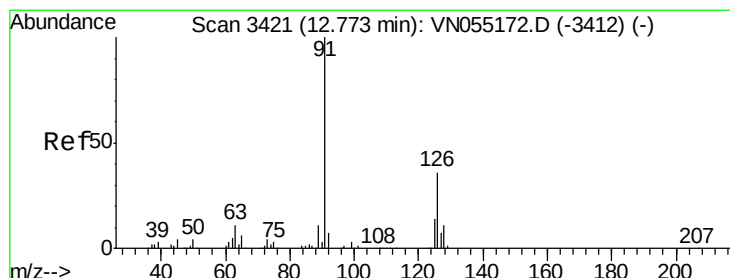
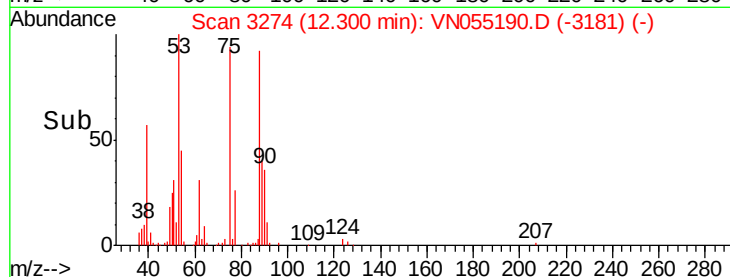
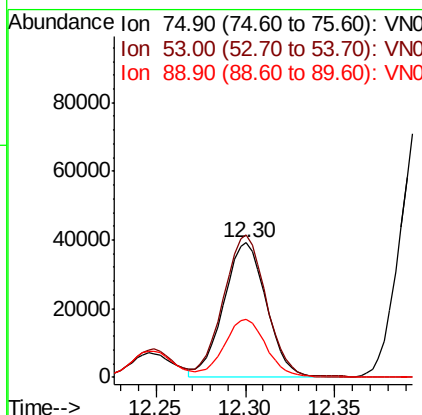
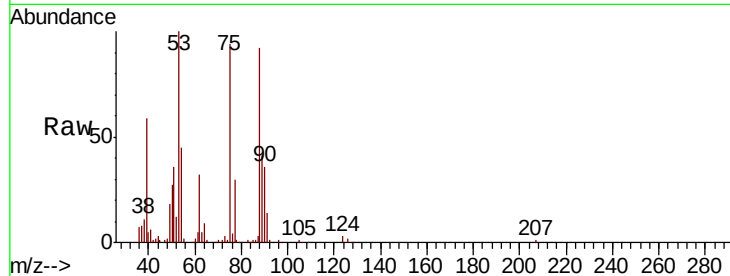




#81
trans-1,4-Dichloro-2-butene
Concen: 49.380 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. 0.00 min
Lab File: VN055190.D
Acq: 22 Apr 2019 19:00

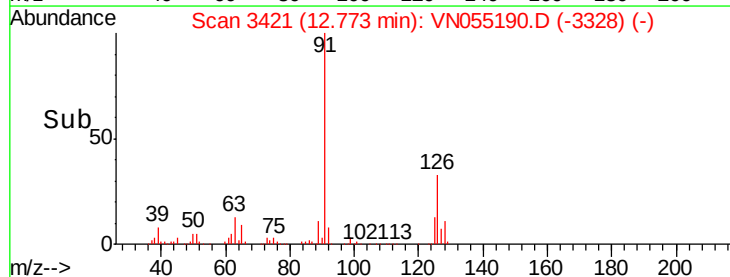
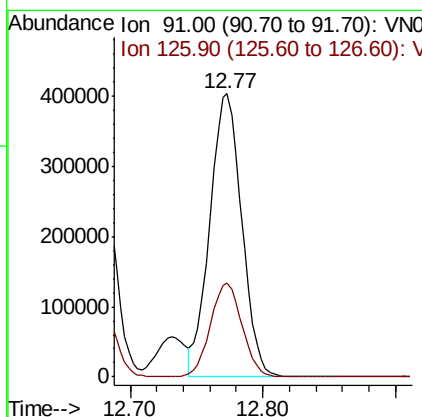
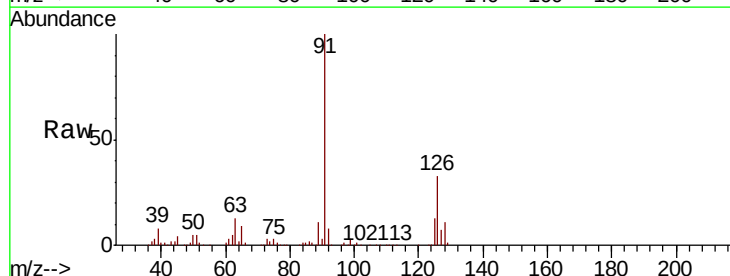
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

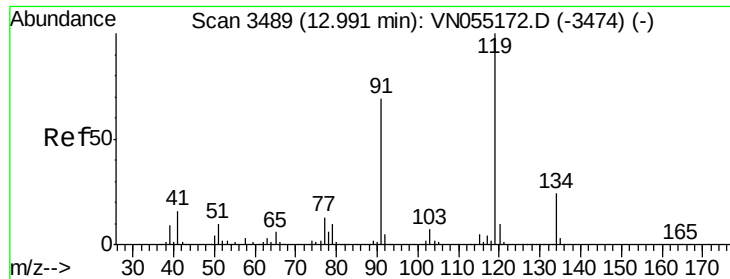
Tot Ion: 75 Resp: 65456
Ion Ratio Lower Upper
75 100
53 106.8 90.1 135.1
89 42.4 36.7 55.1



#82
4-Chlorotoluene
Concen: 46.758 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. 0.00 min
Lab File: VN055190.D
Acq: 22 Apr 2019 19:00

Tgt Ion: 91 Resp: 674791
Ion Ratio Lower Upper
91 100
126 32.9 16.5 49.5

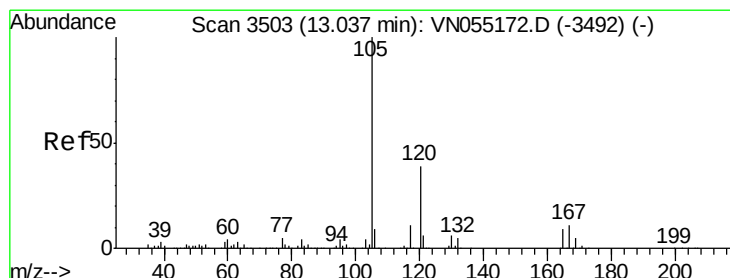
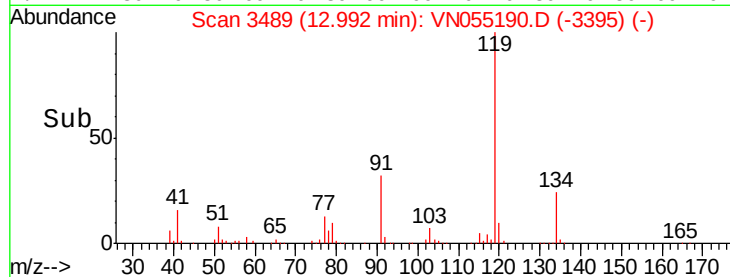
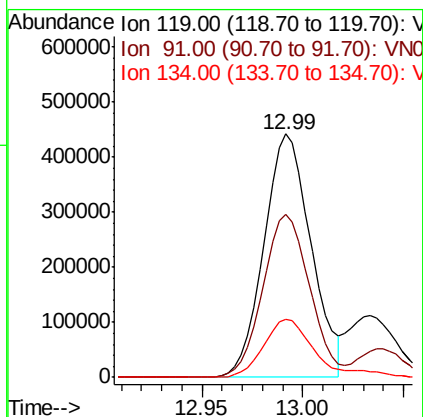
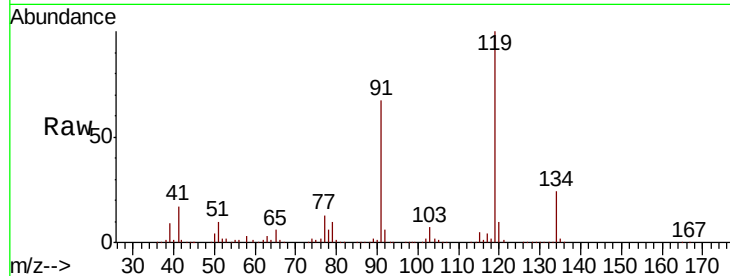




#83
 tert-Butylbenzene
 Concen: 51.589 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN055190.D
 Acq: 22 Apr 2019 19:00

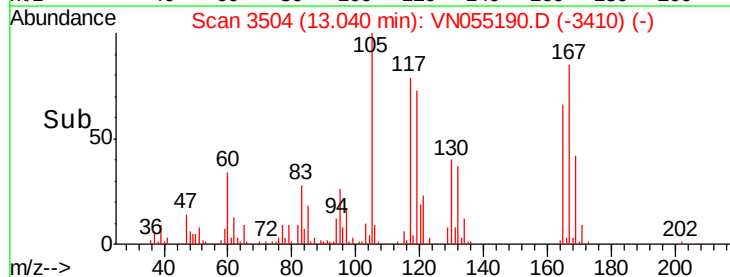
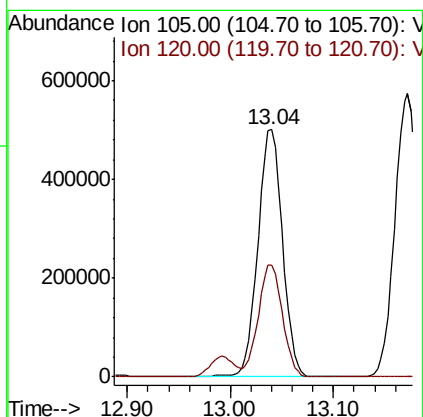
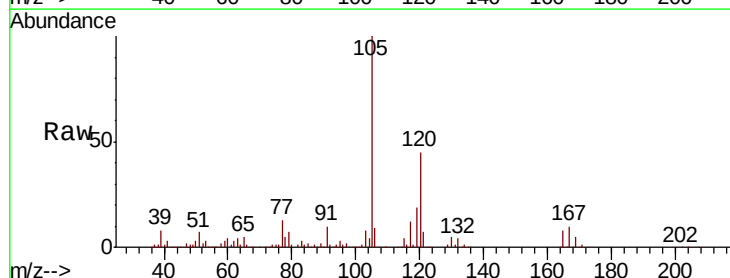
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

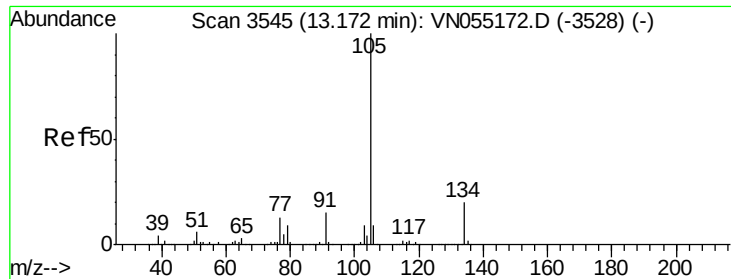
Tot Ion:119 Resp: 717801
 Ion Ratio Lower Upper
 119 100
 91 66.8 33.8 101.3
 134 26.1 13.2 39.5



#84
 1,2,4-Trimethylbenzene
 Concen: 47.270 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN055190.D
 Acq: 22 Apr 2019 19:00

Tgt Ion:105 Resp: 827131
 Ion Ratio Lower Upper
 105 100
 120 44.5 22.7 68.1





#85

sec-Butylbenzene

Concen: 43.930 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN055190.D

Acq: 22 Apr 2019 19:00

Instrument :

MSVOA_N

ClientSampleId :

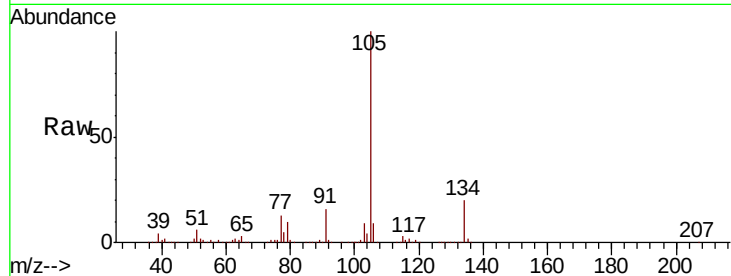
VSTDCCC050EC

Tot Ion:105 Resp: 921527

Ion Ratio Lower Upper

105 100

134 19.9 10.0 30.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

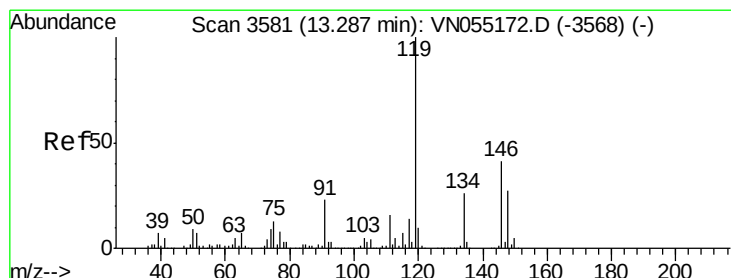
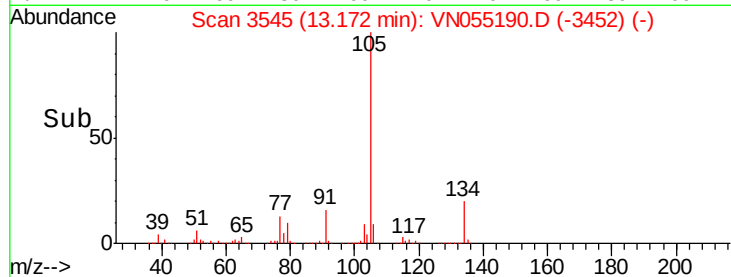
600000

400000

200000

0

Time--> 13.10 13.15 13.20 13.25



#86

p-Isopropyltoluene

Concen: 46.511 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN055190.D

Acq: 22 Apr 2019 19:00

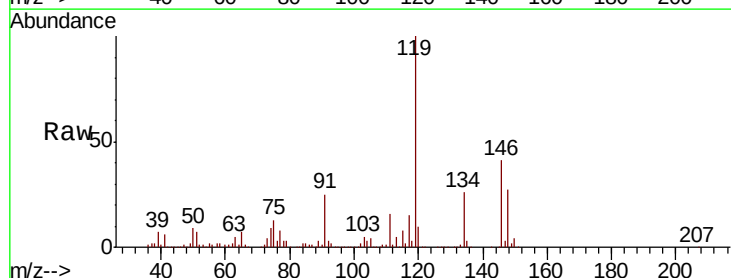
Tgt Ion:119 Resp: 803805

Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.3

91 24.5 11.8 35.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.29

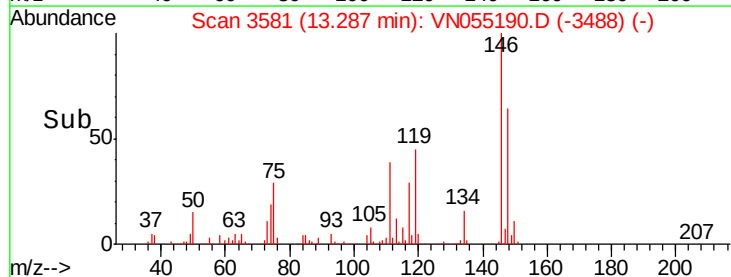
600000

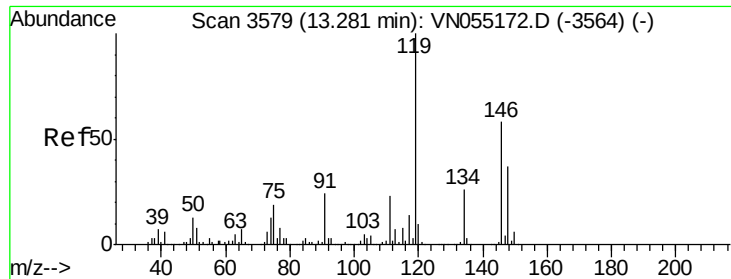
400000

200000

0

Time--> 13.20 13.25 13.30 13.35

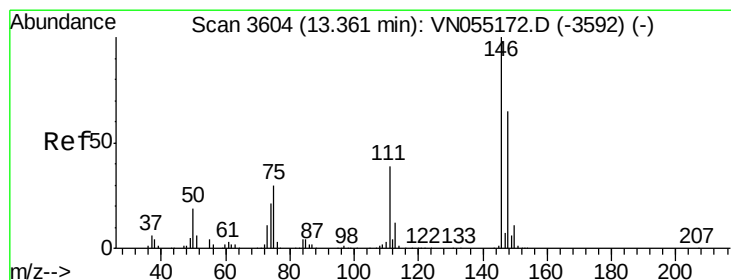
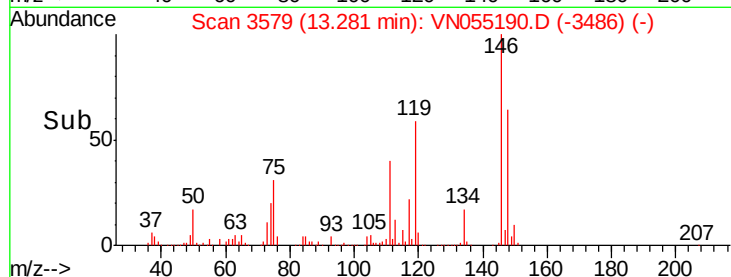
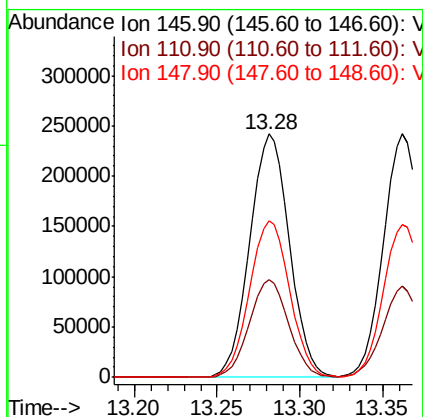
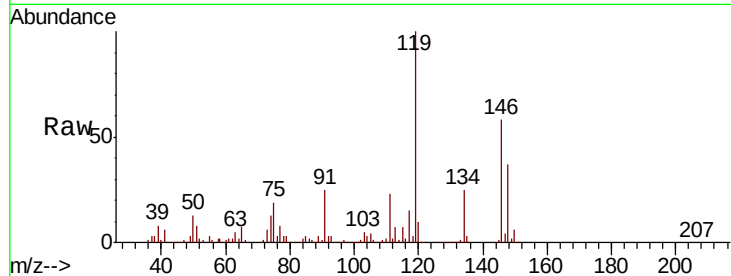




#87
 1,3-Dichlorobenzene
 Concen: 48.101 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN055190.D
 Acq: 22 Apr 2019 19:00

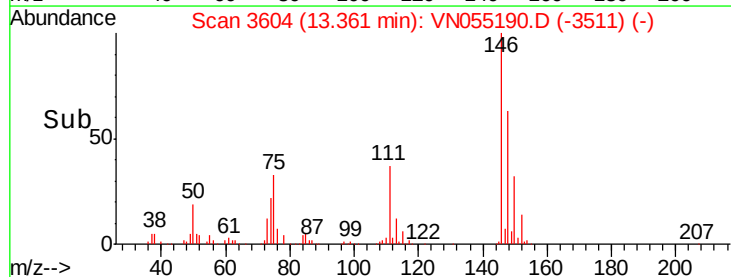
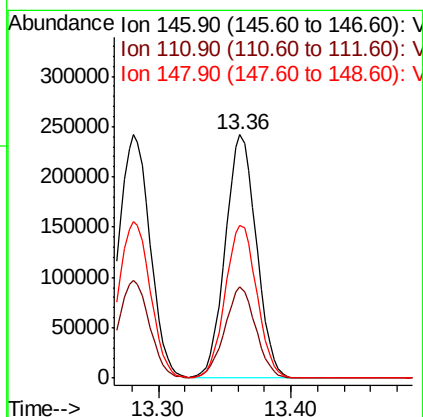
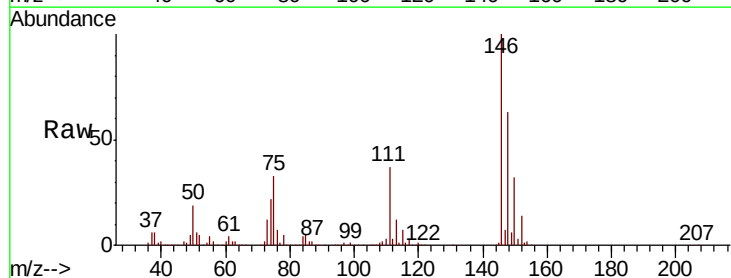
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

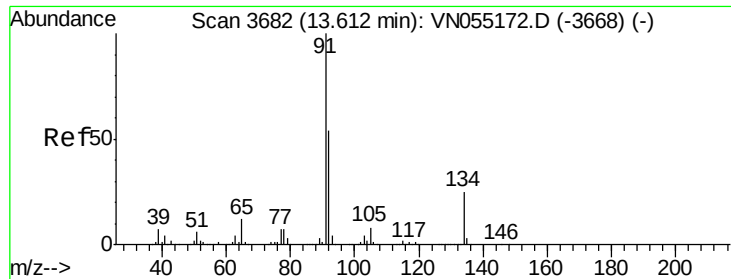
Tot Ion:146 Resp: 403766
 Ion Ratio Lower Upper
 146 100
 111 39.8 19.7 59.1
 148 65.1 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 48.157 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN055190.D
 Acq: 22 Apr 2019 19:00

Tgt Ion:146 Resp: 393563
 Ion Ratio Lower Upper
 146 100
 111 37.4 19.4 58.2
 148 64.1 32.9 98.6





#89

n-Butylbenzene

Concen: 49.816 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN055190.D

Acq: 22 Apr 2019 19:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

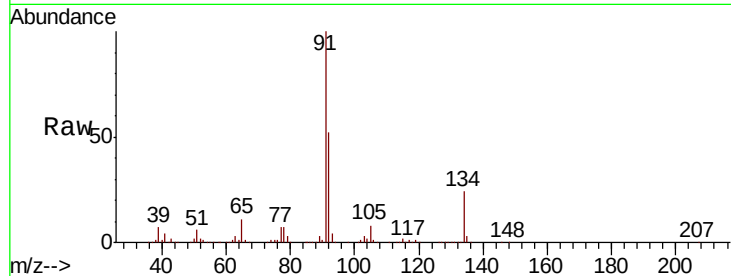
Tot Ion: 91 Resp: 638133

Ion Ratio Lower Upper

91 100

92 51.6 26.4 79.2

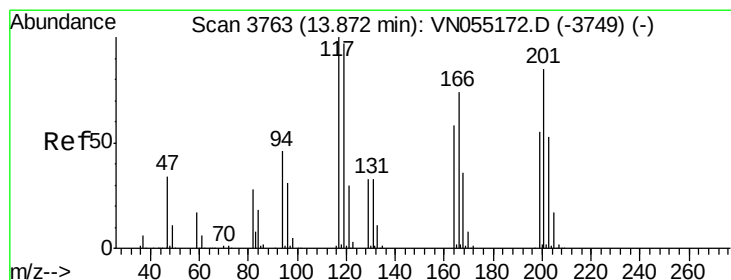
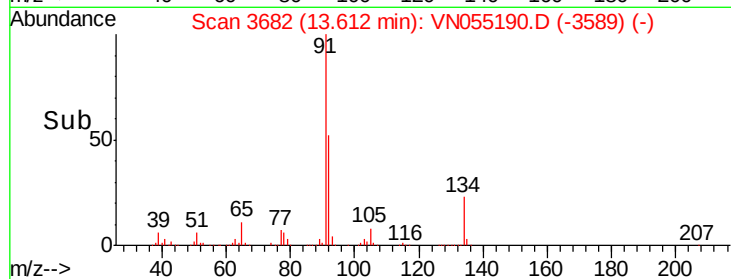
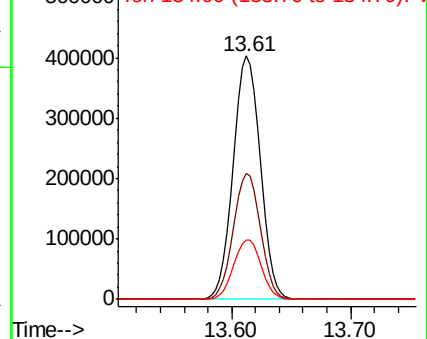
134 24.8 12.8 38.4



Abundance Ion 91.00 (90.70 to 91.70): VN055172.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN055172.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN055172.D (-3668) (-)



#90

Hexachloroethane

Concen: 44.780 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN055190.D

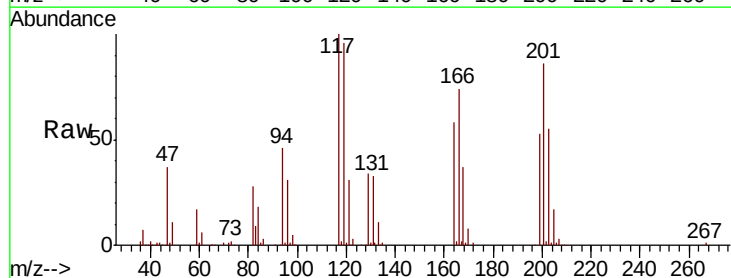
Acq: 22 Apr 2019 19:00

Tgt Ion: 117 Resp: 137251

Ion Ratio Lower Upper

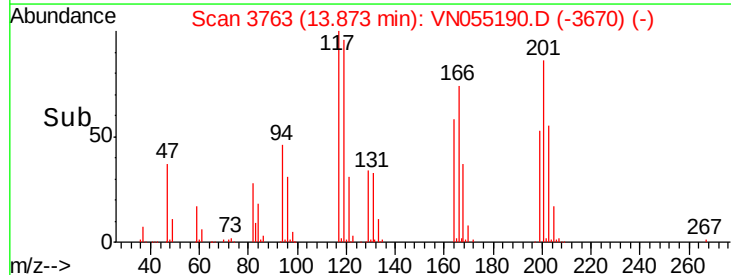
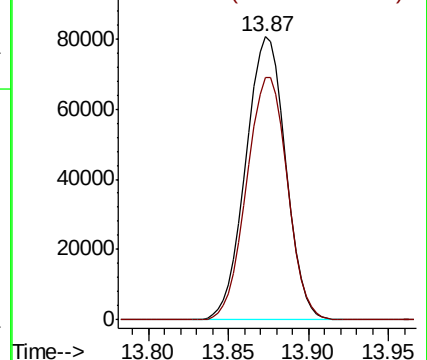
117 100

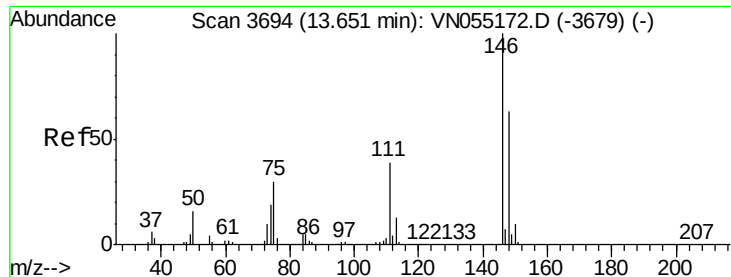
201 87.3 43.1 129.4



Abundance Ion 116.80 (116.50 to 117.50): VN055172.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN055172.D (-3749) (-)





#91

1,2-Dichlorobenzene

Concen: 46.867 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN055190.D

Acq: 22 Apr 2019 19:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

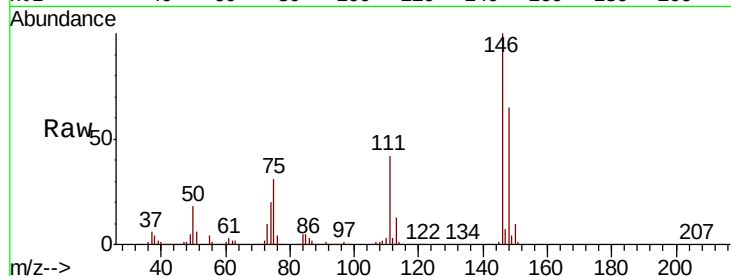
Tot Ion:146 Resp: 404080

Ion Ratio Lower Upper

146 100

111 40.9 19.8 59.3

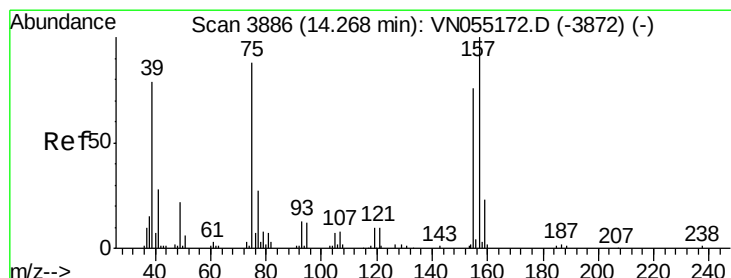
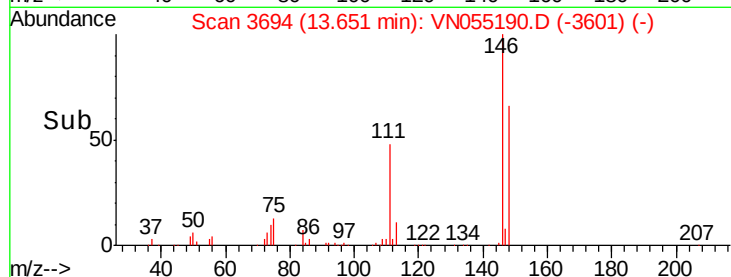
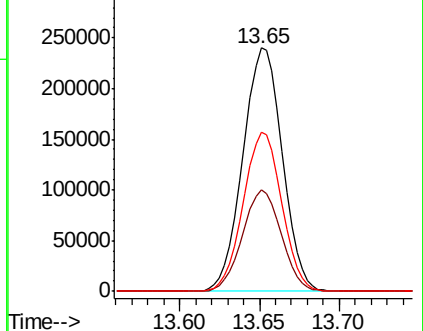
148 63.8 31.7 95.1



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: 51.423 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN055190.D

Acq: 22 Apr 2019 19:00

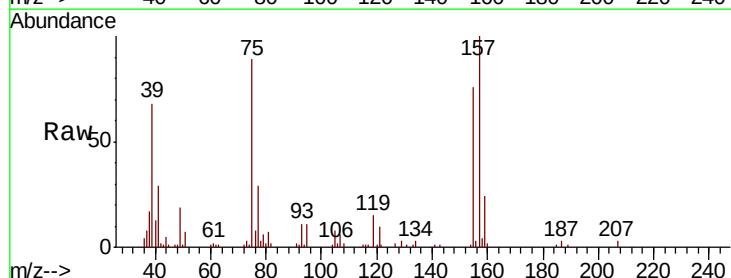
Tgt Ion: 75 Resp: 38677

Ion Ratio Lower Upper

75 100

155 85.3 43.0 129.0

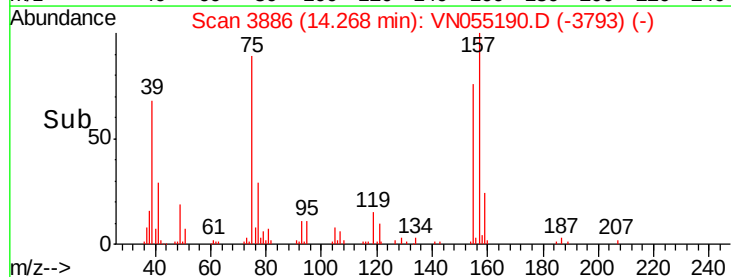
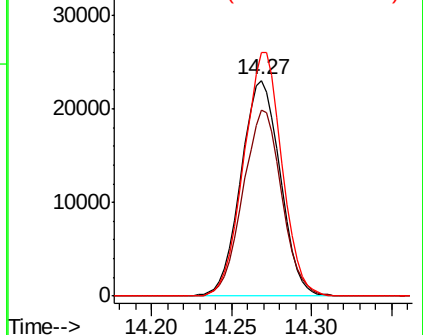
157 110.0 55.7 167.1

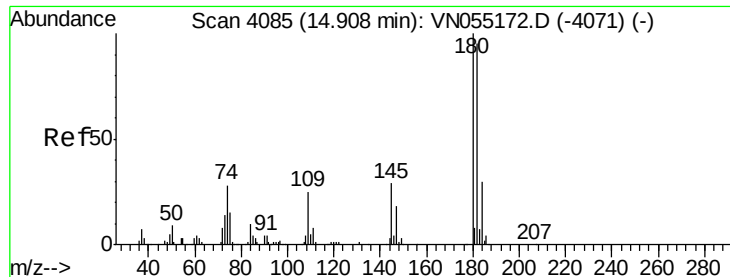


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

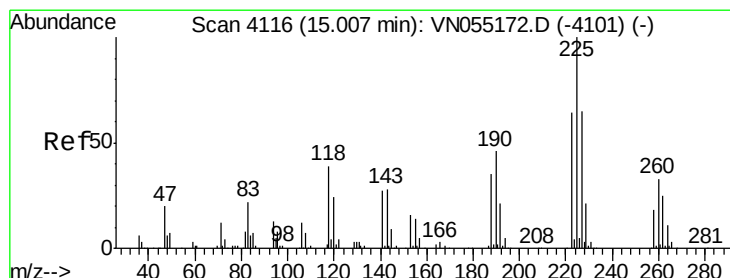
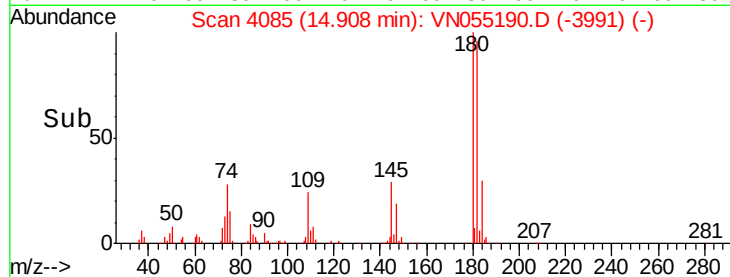
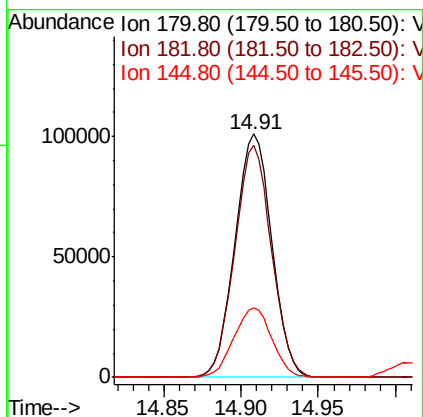
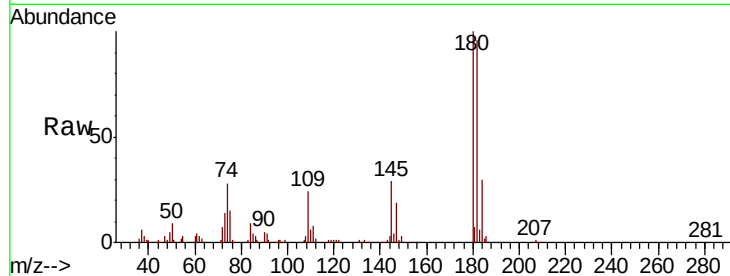




#93
 1,2,4-Trichlorobenzene
 Concen: 46.157 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN055190.D
 Acq: 22 Apr 2019 19:00

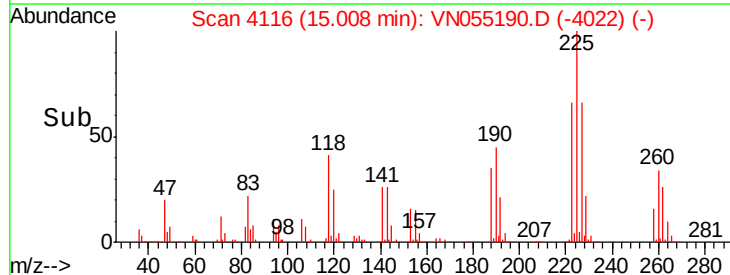
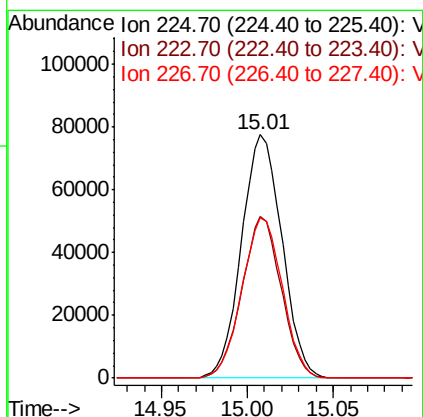
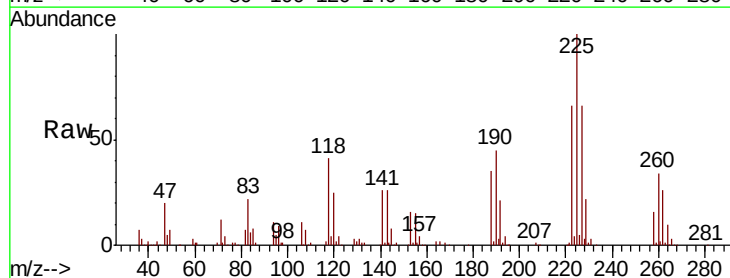
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

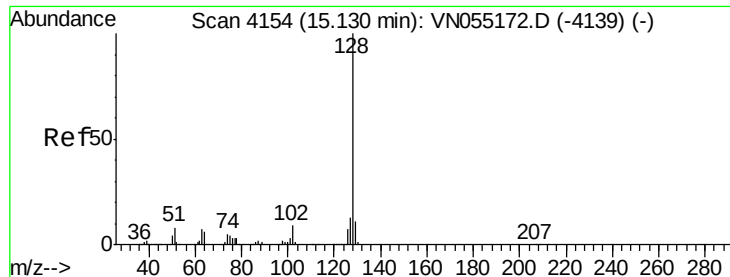
Tot Ion:180 Resp: 167316
 Ion Ratio Lower Upper
 180 100
 182 95.0 47.8 143.4
 145 29.5 14.5 43.5



#94
 Hexachlorobutadiene
 Concen: 50.433 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN055190.D
 Acq: 22 Apr 2019 19:00

Tgt Ion:225 Resp: 126524
 Ion Ratio Lower Upper
 225 100
 223 64.5 32.2 96.6
 227 65.8 32.6 98.0





#95

Naphthalene

Concen: 46.393 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055190.D

Acq: 22 Apr 2019 19:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

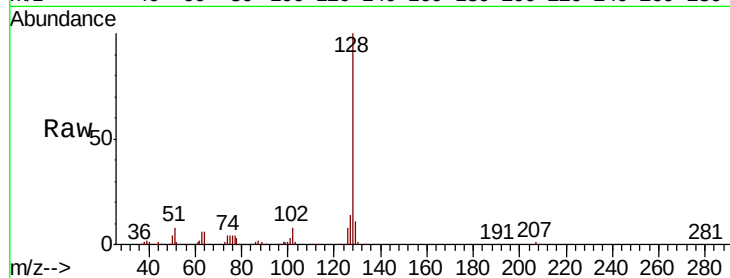
Tot Ion:128 Resp: 367317

Ion Ratio Lower Upper

128 100

127 13.5 10.3 15.5

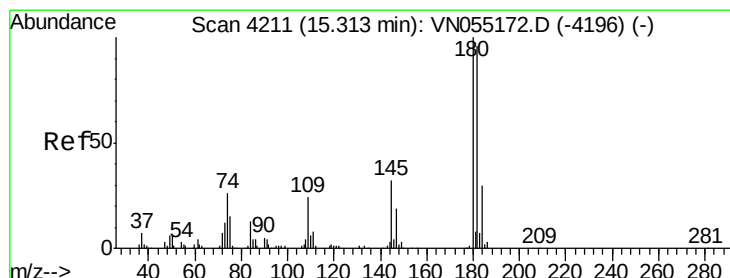
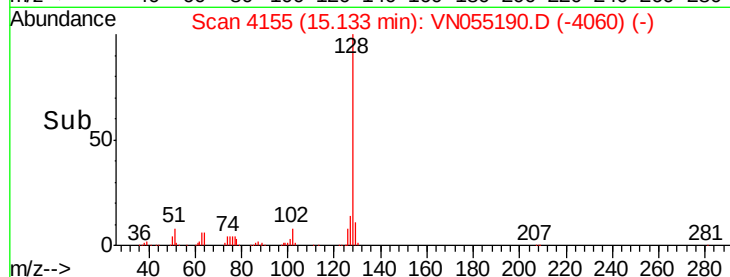
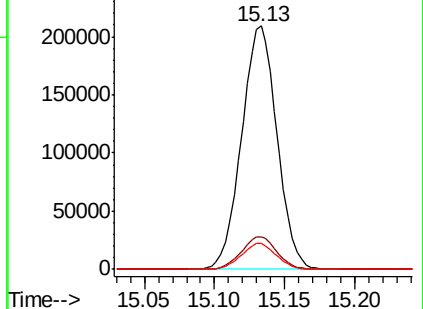
129 10.6 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 47.883 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN055190.D

Acq: 22 Apr 2019 19:00

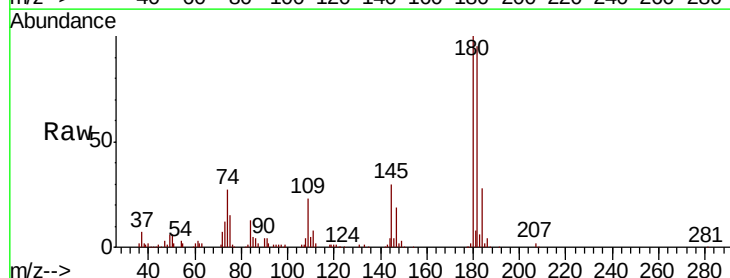
Tgt Ion:180 Resp: 172879

Ion Ratio Lower Upper

180 100

182 94.3 47.2 141.6

145 30.8 15.4 46.1



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

