

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061219\
 Data File : VN056271.D
 Acq On : 13 Jun 2019 00:10
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 13 04:38:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	311580	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	431845	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	385063	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	181984	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	145650	47.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.16%	
35) Dibromofluoromethane	7.59	113	138928	52.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.88%	
50) Toluene-d8	10.09	98	491654	48.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.44%	
62) 4-Bromofluorobenzene	12.40	95	168788	48.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	139821	40.912	ug/l	98
3) Chloromethane	2.06	50	143103	42.369	ug/l	99
4) Vinyl Chloride	2.18	62	146892	43.357	ug/l	99
5) Bromomethane	2.53	94	91216	42.621	ug/l	100
6) Chloroethane	2.68	64	87253	44.418	ug/l	99
7) Trichlorofluoromethane	3.00	101	198108	45.804	ug/l	96
8) Diethyl Ether	3.40	74	77057	43.323	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.74	101	124111	47.238	ug/l	96
10) Methyl Iodide	3.94	142	192382	46.077	ug/l	99
11) Tert butyl alcohol	4.82	59	116060	215.574	ug/l	98
12) 1,1-Dichloroethene	3.72	96	120695	46.143	ug/l	94
13) Acrolein	3.60	56	34529	222.378	ug/l	100
14) Allyl chloride	4.31	41	183970	44.542	ug/l	99
15) Acrylonitrile	4.99	53	350965	267.798	ug/l	100
16) Acetone	3.82	43	284248	192.107	ug/l	99
17) Carbon Disulfide	4.04	76	262661	41.940	ug/l	99
18) Methyl Acetate	4.33	43	163605	56.364	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	398188	47.758	ug/l	99
20) Methylene Chloride	4.54	84	144347	47.352	ug/l	95
21) trans-1,2-Dichloroethene	5.03	96	128843	45.973	ug/l	94
22) Diisopropyl ether	5.96	45	404392	47.364	ug/l	98
23) Vinyl Acetate	5.90	43	1616997	240.495	ug/l	99
24) 1,1-Dichloroethane	5.84	63	234307	47.575	ug/l	98
25) 2-Butanone	6.84	43	457722	244.841	ug/l	100
26) 2,2-Dichloropropane	6.82	77	127685	33.225	ug/l	95
27) cis-1,2-Dichloroethene	6.83	96	157027	47.665	ug/l	94
28) Bromochloromethane	7.19	49	111538	47.890	ug/l	91
29) Tetrahydrofuran	7.22	42	299285	258.988	ug/l	99
30) Chloroform	7.37	83	244573	49.365	ug/l	99
31) Cyclohexane	7.65	56	201501	41.046	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	204196	49.356	ug/l	99
36) 1,1-Dichloropropene	7.79	75	168701	45.432	ug/l	98
37) Ethyl Acetate	6.94	43	176005	53.272	ug/l	100
38) Carbon Tetrachloride	7.77	117	181119	52.906	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	208565	45.089	ug/l	98
40) Benzene	8.04	78	552401	48.980	ug/l	100
41) Methacrylonitrile	7.18	41	83391	54.858	ug/l	92
42) 1,2-Dichloroethane	8.12	62	176614	48.684	ug/l	98
43) Isopropyl Acetate	8.17	43	269531	50.343	ug/l #	91
44) Trichloroethene	8.83	130	164986	50.910	ug/l	96
45) 1,2-Dichloropropane	9.12	63	145744	50.452	ug/l	100
46) Dibromomethane	9.21	93	99143	52.483	ug/l	93
47) Bromodichloromethane	9.40	83	190004	55.496	ug/l	99
48) Methyl methacrylate	9.20	41	138198	52.762	ug/l	96
49) 1,4-Dioxane	9.20	88	61154	1081.474	ug/l	92
51) 4-Methyl-2-Pentanone	9.99	43	898496	268.364	ug/l	99
52) Toluene	10.16	92	349719	49.833	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	178913	44.832	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	207755	50.483	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	147193	52.949	ug/l	99
56) Ethyl methacrylate	10.43	69	215753	53.199	ug/l	97
57) 1,3-Dichloropropane	10.71	76	234063	51.794	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	350844	220.084	ug/l	98
59) 2-Hexanone	10.75	43	622175	256.399	ug/l	99
60) Dibromochloromethane	10.90	129	165868	53.899	ug/l	100
61) 1,2-Dibromoethane	11.01	107	154027	54.199	ug/l	98
64) Tetrachloroethene	10.63	164	174557	52.370	ug/l	97
65) Chlorobenzene	11.43	112	390360	50.937	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	152691	57.704	ug/l	99
67) Ethyl Benzene	11.51	91	657819	49.365	ug/l	98
68) m/p-Xylenes	11.62	106	506486	99.496	ug/l	98
69) o-Xylene	11.95	106	249296	49.786	ug/l	99
70) Styrene	11.96	104	419031	52.669	ug/l	99
71) Bromoform	12.13	173	130399	58.220	ug/l #	100
73) Isopropylbenzene	12.25	105	658886	50.834	ug/l	99
74) N-amyl acetate	12.07	43	223340	46.039	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.50	83	203797	48.240	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	228158	68.136	ug/l #	100
77) Bromobenzene	12.53	156	188487	48.377	ug/l	91
78) n-propylbenzene	12.59	91	692659	44.990	ug/l	98
79) 2-Chlorotoluene	12.67	91	424521	49.698	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	540723	44.192	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	46186	45.932	ug/l	91
82) 4-Chlorotoluene	12.77	91	409522	45.466	ug/l	98
83) tert-Butylbenzene	12.99	119	497315	52.521	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	532207	45.867	ug/l	99
85) sec-Butylbenzene	13.17	105	618675	45.376	ug/l	99
86) p-Isopropyltoluene	13.29	119	558708	45.787	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	292495	48.505	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	277452	47.830	ug/l	99
89) n-Butylbenzene	13.62	91	393552	43.538	ug/l	99
90) Hexachloroethane	13.87	117	99218	53.917	ug/l	92
91) 1,2-Dichlorobenzene	13.65	146	294221	48.326	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	32547	53.863	ug/l	85

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QLast Update : Tue Jun 04 11:02:09 2019
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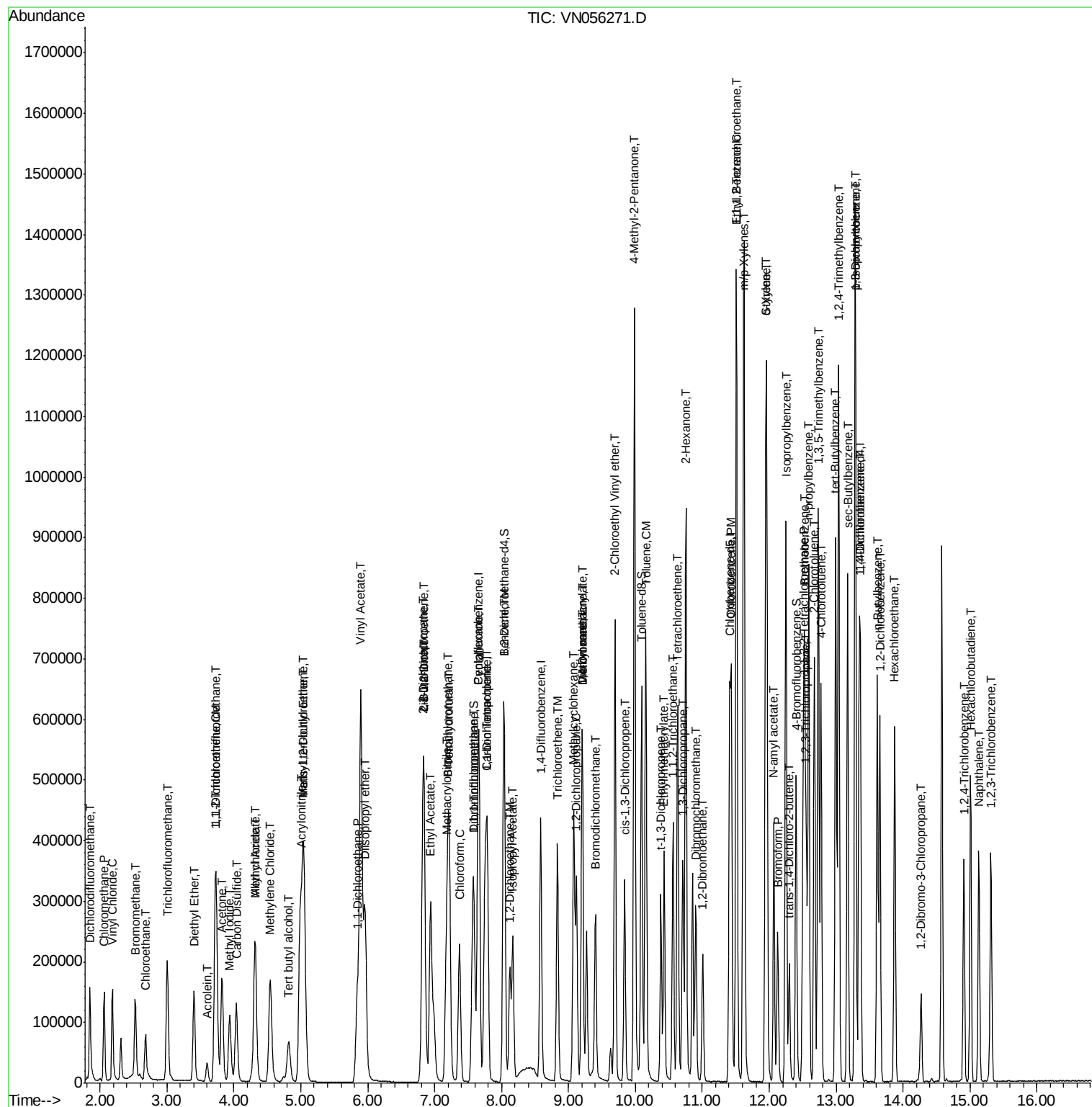
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	138240	41.955	ug/l	99
94) Hexachlorobutadiene	15.01	225	121397	58.491	ug/l	100
95) Naphthalene	15.13	128	348958	40.853	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	155361	45.715	ug/l	97

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061219\
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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: VN056271.D

Acq: 13 Jun 2019 00:10

Instrument :

MSVOA_N

ClientSampleId :

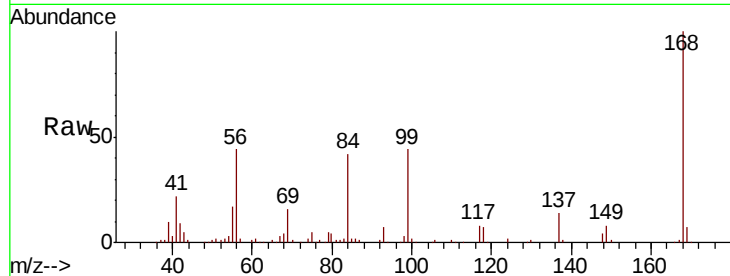
VSTDCCC050EC

Tot Ion:168 Resp: 311580

Ion Ratio Lower Upper

168 100

99 43.5 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

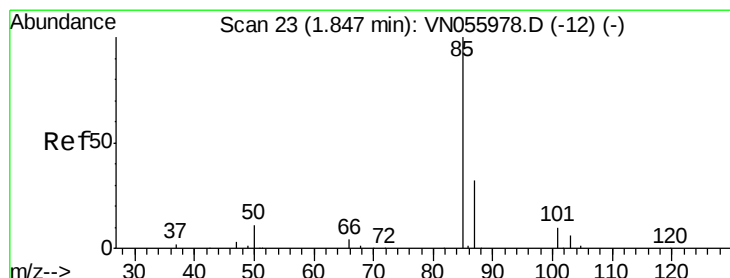
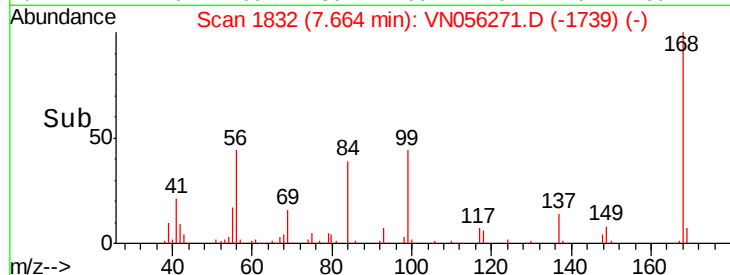
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 40.912 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN056271.D

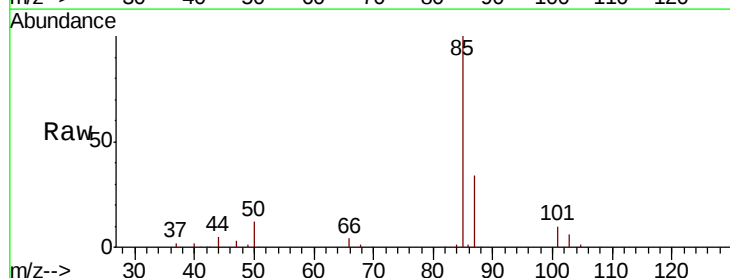
Acq: 13 Jun 2019 00:10

Tgt Ion: 85 Resp: 139821

Ion Ratio Lower Upper

85 100

87 33.6 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

100000

80000

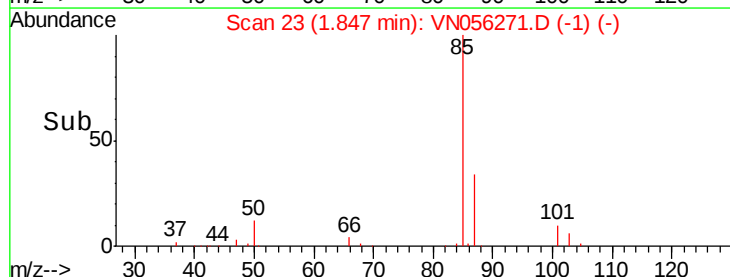
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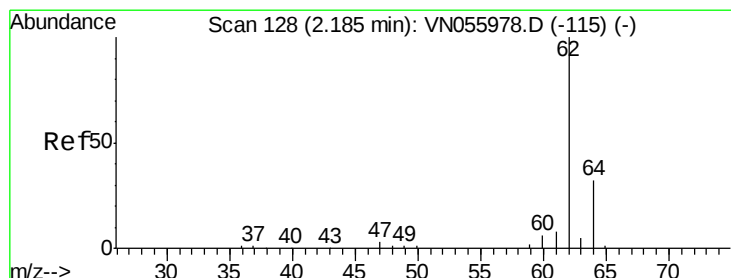
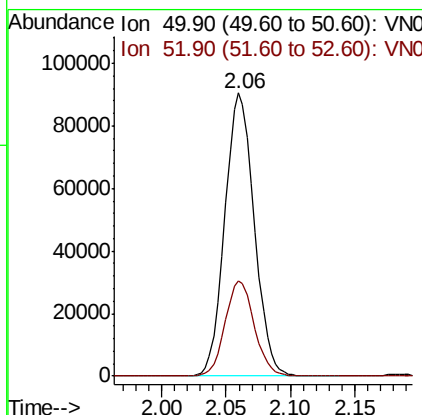
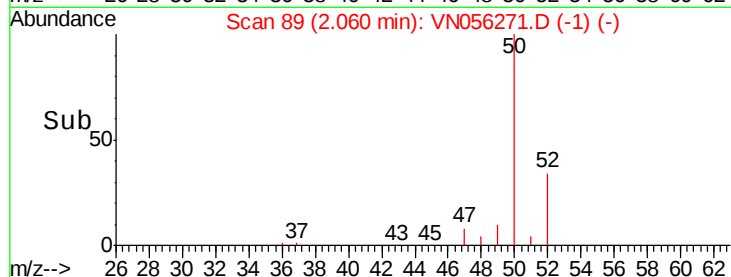
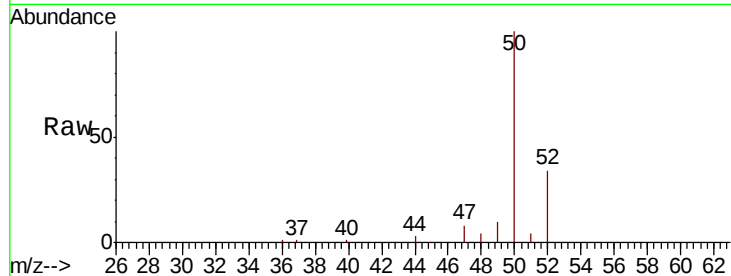




#3
Chloromethane
Concen: 42.369 ug/l
RT: 2.06 min Scan# 89
Delta R.T. 0.00 min
Lab File: VN056271.D
Acq: 13 Jun 2019 00:10

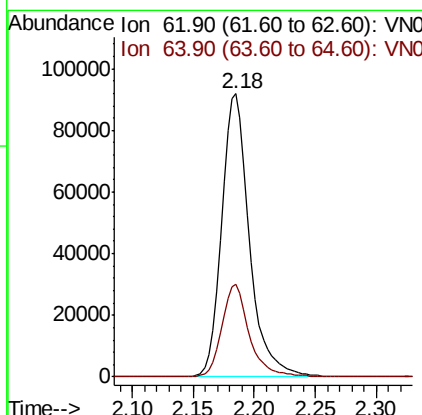
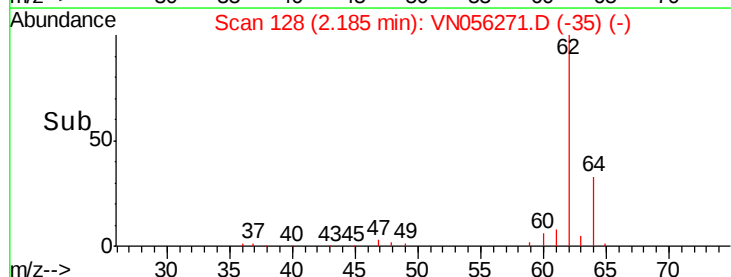
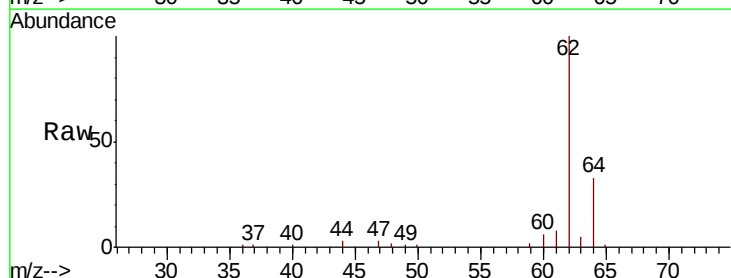
Instrument :
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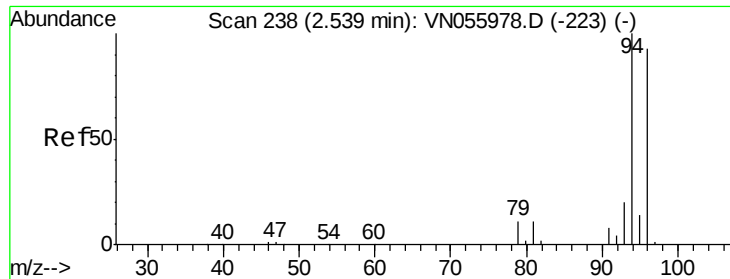
Tot Ion: 50 Resp: 143103
Ion Ratio Lower Upper
50 100
52 33.8 26.6 40.0



#4
Vinyl Chloride
Concen: 43.357 ug/l
RT: 2.18 min Scan# 128
Delta R.T. 0.00 min
Lab File: VN056271.D
Acq: 13 Jun 2019 00:10

Tgt Ion: 62 Resp: 146892
Ion Ratio Lower Upper
62 100
64 32.5 25.6 38.4

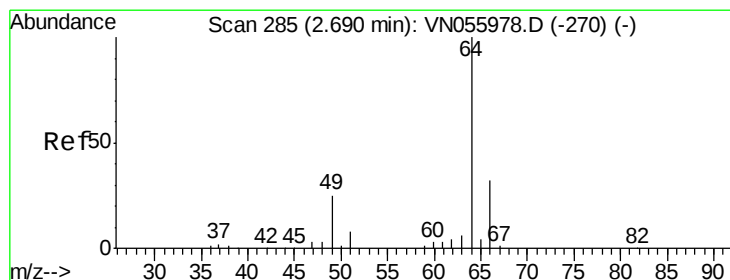
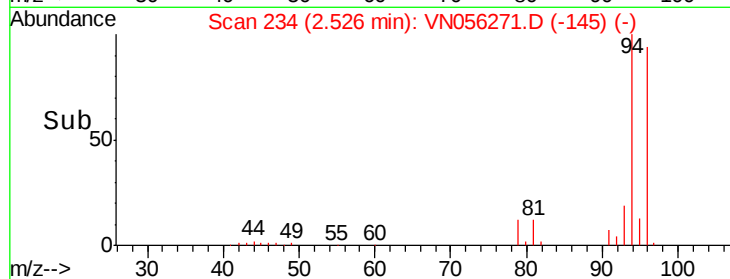
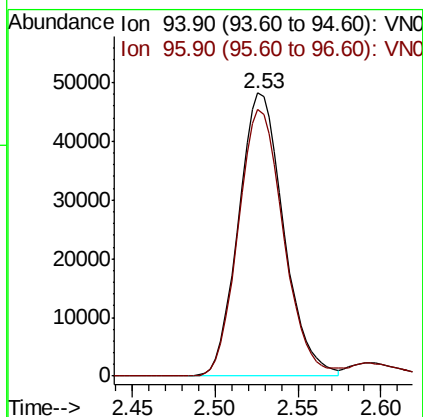
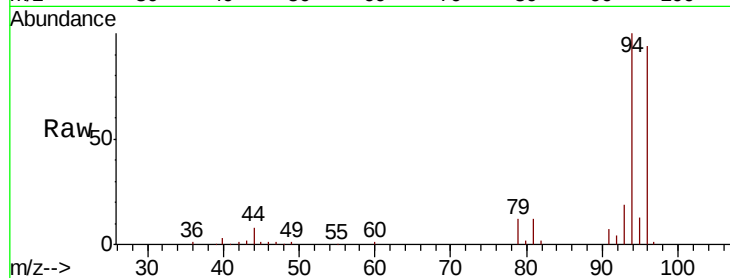




#5
Bromomethane
Concen: 42.621 ug/l
RT: 2.53 min Scan# 234
Delta R.T. -0.01 min
Lab File: VN056271.D
Acq: 13 Jun 2019 00:10

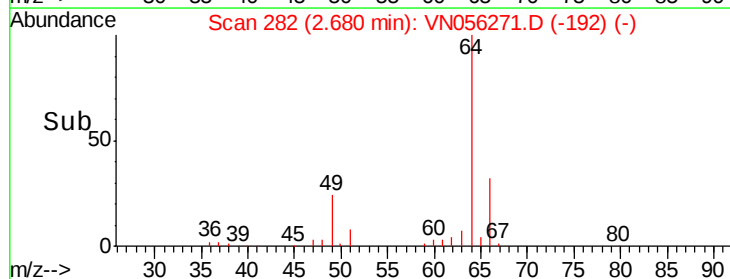
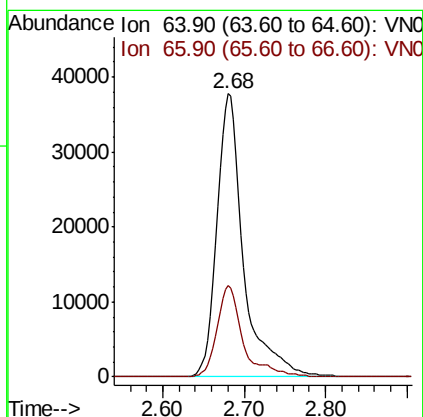
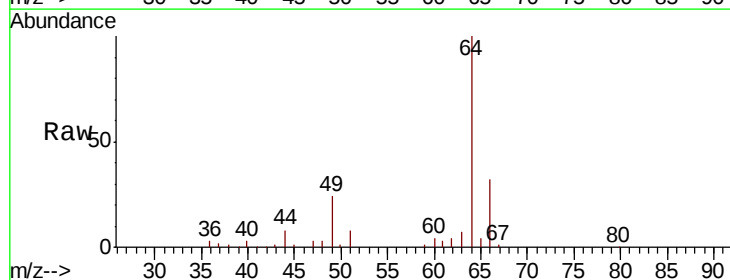
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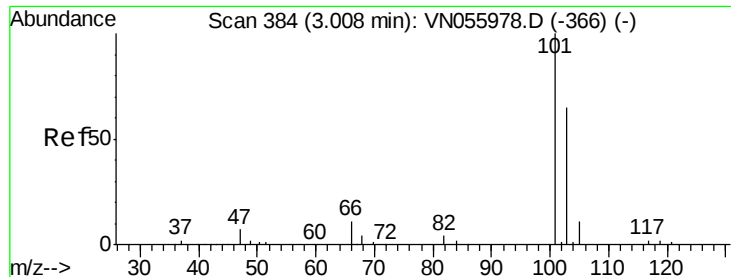
Tot Ion: 94 Resp: 91216
Ion Ratio Lower Upper
94 100
96 94.1 75.5 113.3



#6
Chloroethane
Concen: 44.418 ug/l
RT: 2.68 min Scan# 282
Delta R.T. -0.01 min
Lab File: VN056271.D
Acq: 13 Jun 2019 00:10

Tgt Ion: 64 Resp: 87253
Ion Ratio Lower Upper
64 100
66 32.2 25.4 38.0



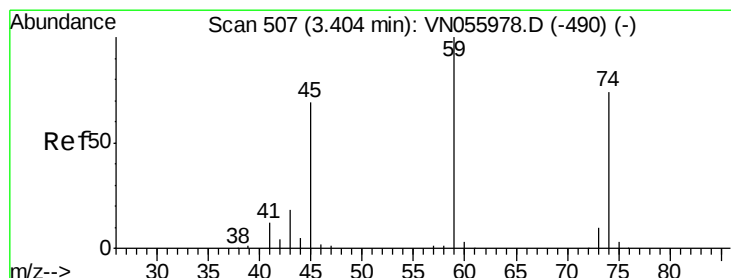
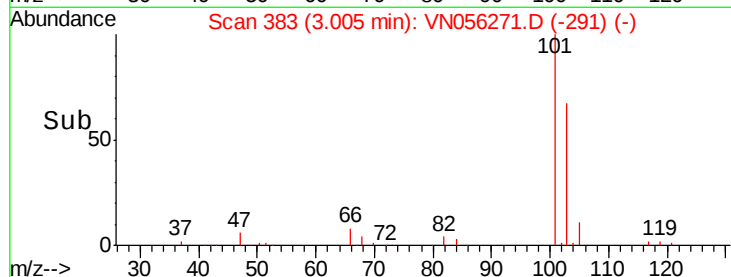
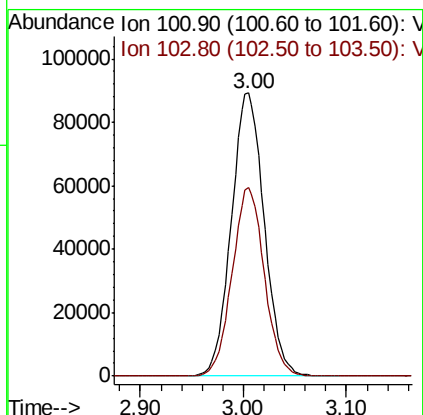
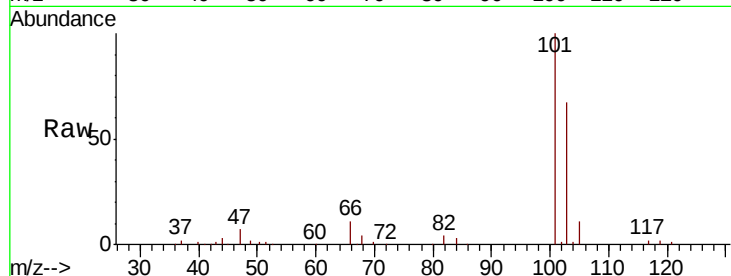


#7

Trichlorofluoromethane
 Concen: 45.804 ug/l
 RT: 3.00 min Scan# 383
 Delta R.T. -0.00 min
 Lab File: VN056271.D
 Acq: 13 Jun 2019 00:10

Instrument :
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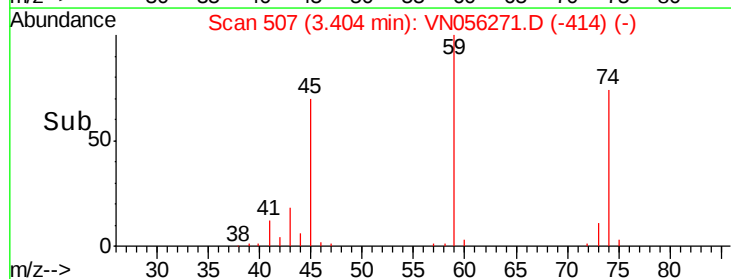
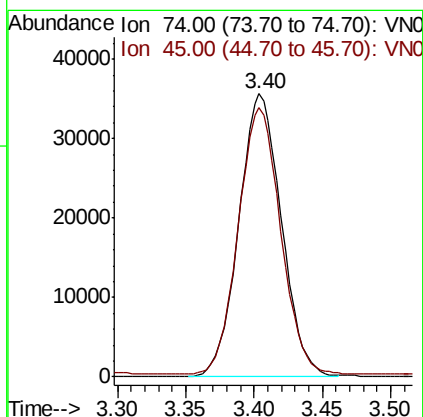
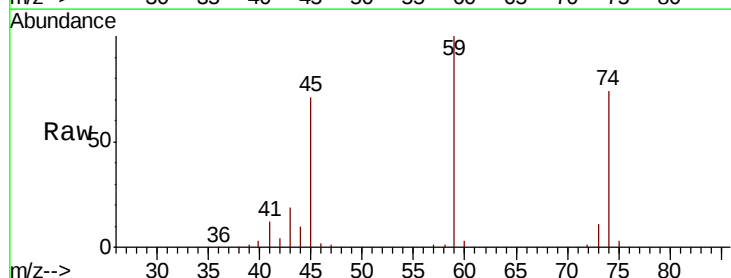
Tot Ion:101 Resp: 198108
 Ion Ratio Lower Upper
 101 100
 103 66.7 51.2 76.8



#8

Diethyl Ether
 Concen: 43.323 ug/l
 RT: 3.40 min Scan# 507
 Delta R.T. 0.00 min
 Lab File: VN056271.D
 Acq: 13 Jun 2019 00:10

Tgt Ion: 74 Resp: 77057
 Ion Ratio Lower Upper
 74 100
 45 93.5 48.6 145.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.238 ug/l

RT: 3.74 min Scan# 612

Delta R.T. -0.00 min

Lab File: VN056271.D

Acq: 13 Jun 2019 00:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

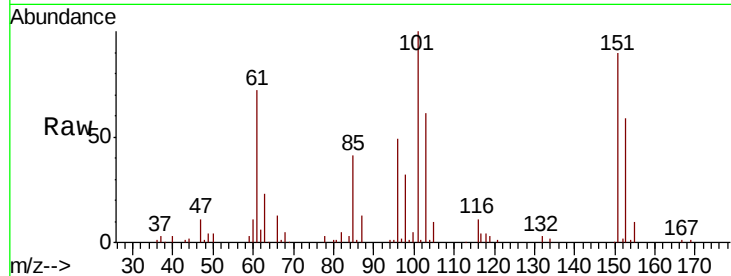
Tot Ion:101 Resp: 124111

Ion Ratio Lower Upper

101 100

85 41.8 33.4 50.2

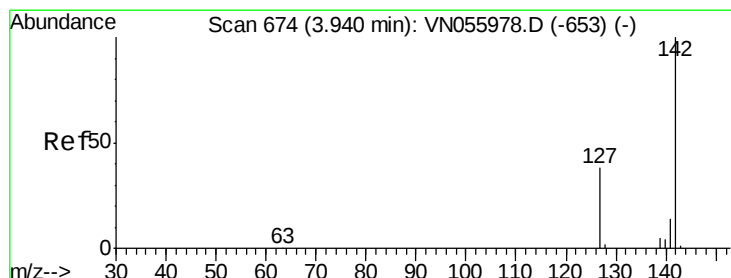
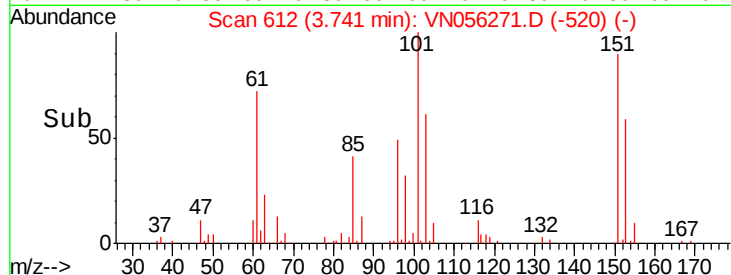
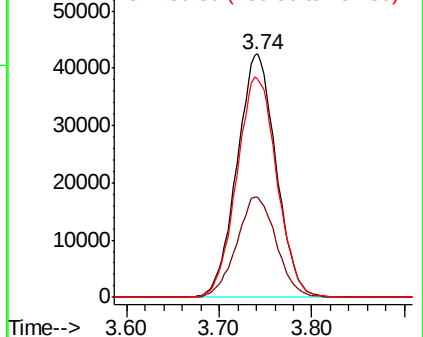
151 92.8 69.4 104.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 46.077 ug/l

RT: 3.94 min Scan# 673

Delta R.T. -0.00 min

Lab File: VN056271.D

Acq: 13 Jun 2019 00:10

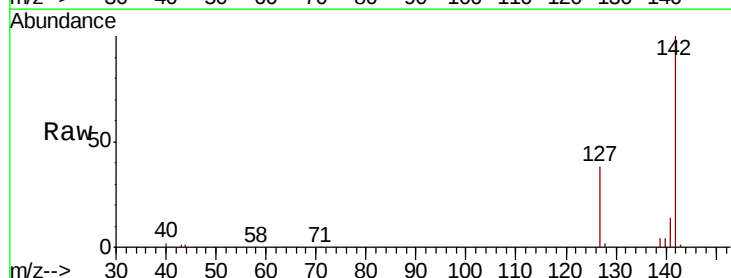
Tgt Ion:142 Resp: 192382

Ion Ratio Lower Upper

142 100

127 38.3 31.0 46.4

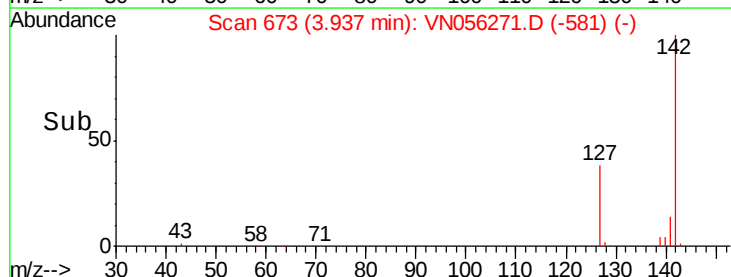
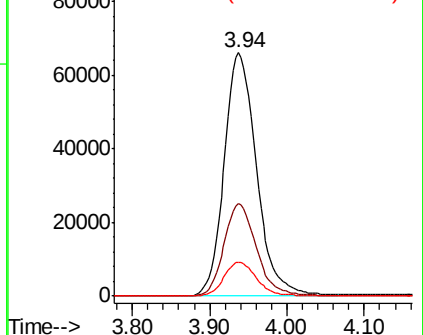
141 14.0 11.4 17.0

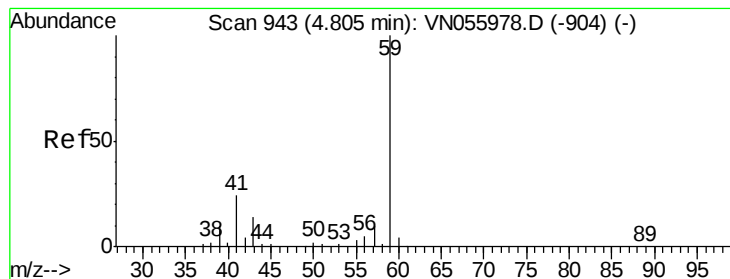


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



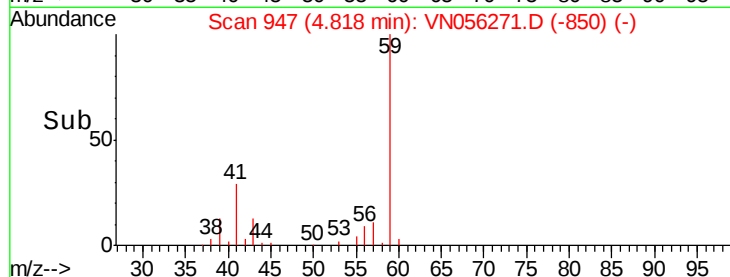
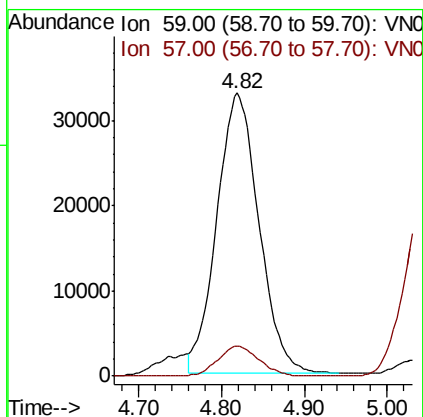
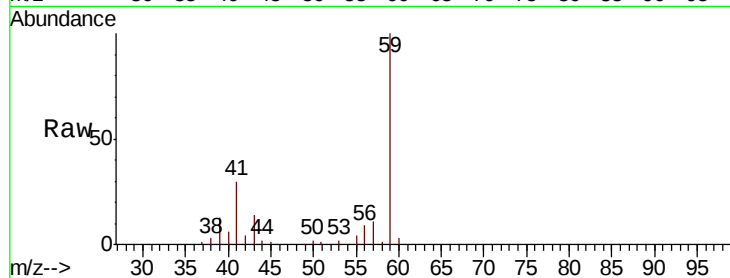


#11

Tert butyl alcohol
 Concen: 215.574 ug/l
 RT: 4.82 min Scan# 947
 Delta R.T. 0.01 min
 Lab File: VN056271.D
 Acq: 13 Jun 2019 00:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

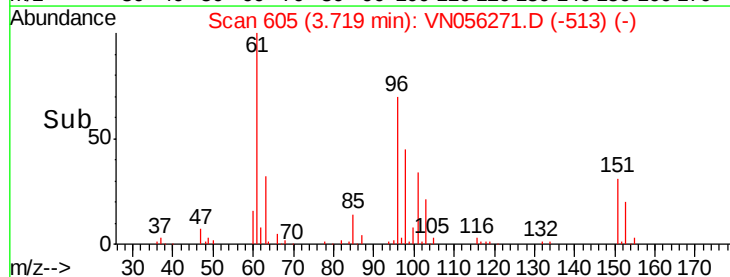
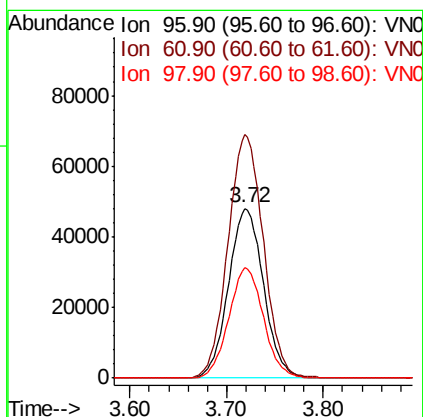
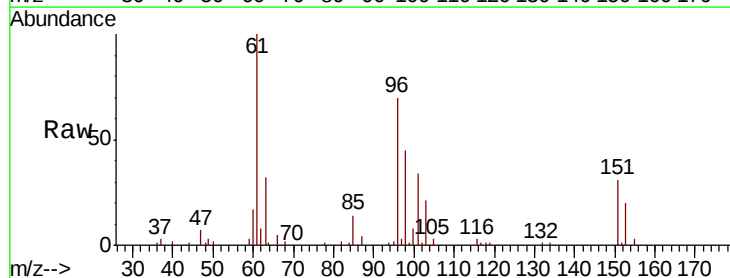
Tot Ion: 59 Resp: 116060
 Ion Ratio Lower Upper
 59 100
 57 10.4 7.8 11.6

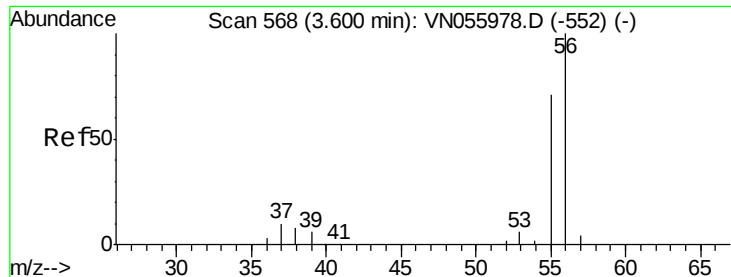


#12

1,1-Dichloroethene
 Concen: 46.143 ug/l
 RT: 3.72 min Scan# 605
 Delta R.T. -0.00 min
 Lab File: VN056271.D
 Acq: 13 Jun 2019 00:10

Tgt Ion: 96 Resp: 120695
 Ion Ratio Lower Upper
 96 100
 61 143.5 123.2 184.8
 98 64.8 50.4 75.6





#13

Acrolein

Concen: 222.378 ug/l

RT: 3.60 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN056271.D

Acq: 13 Jun 2019 00:10

Instrument :

MSVOA_N

ClientSampleId :

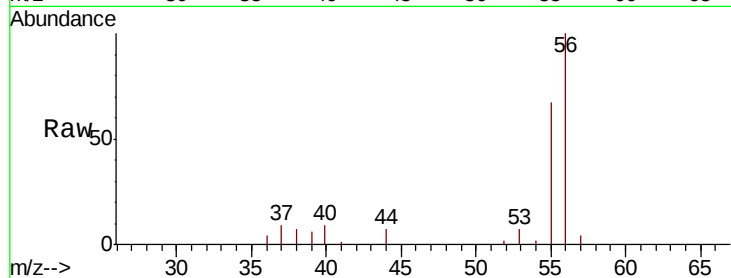
VSTDCCC050EC

Tot Ion: 56 Resp: 34529

Ion Ratio Lower Upper

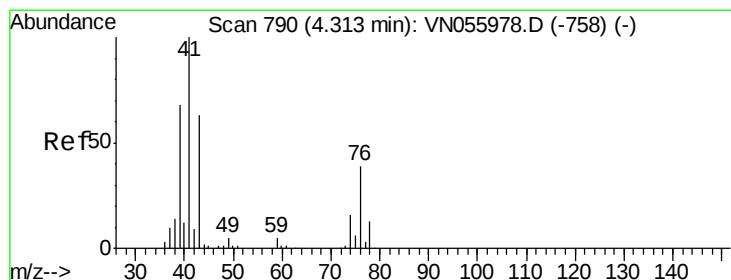
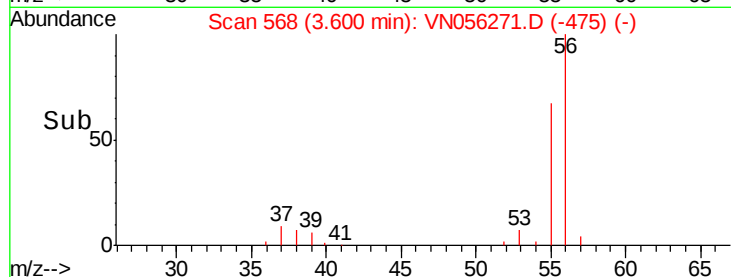
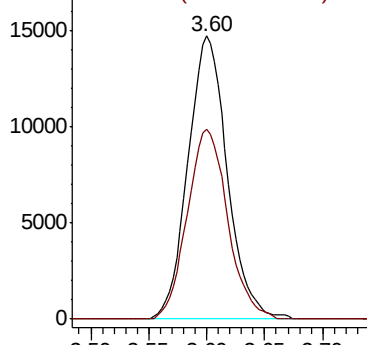
56 100

55 69.1 55.4 83.2



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 44.542 ug/l

RT: 4.31 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN056271.D

Acq: 13 Jun 2019 00:10

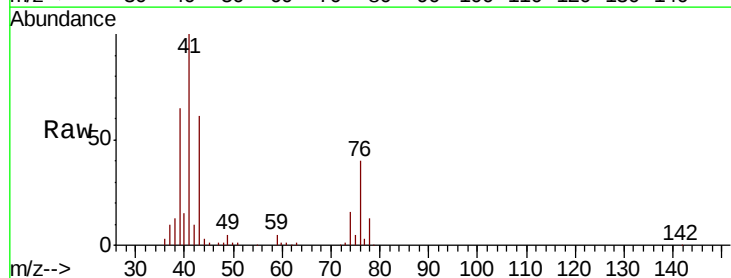
Tgt Ion: 41 Resp: 183970

Ion Ratio Lower Upper

41 100

39 61.3 50.0 75.0

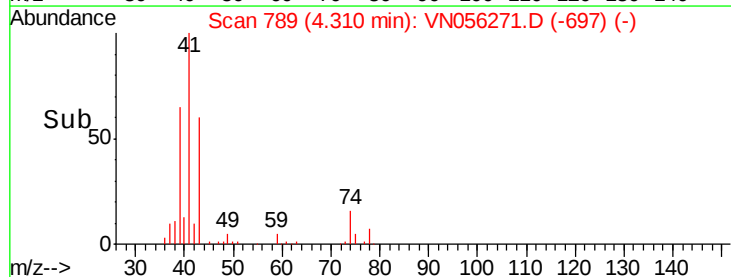
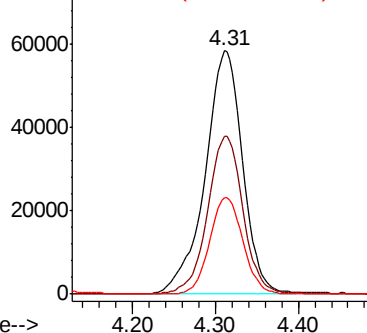
76 35.2 28.2 42.2



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 267.798 ug/l

RT: 4.99 min Scan# 1001

Delta R.T. 0.01 min

Lab File: VN056271.D

Acq: 13 Jun 2019 00:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

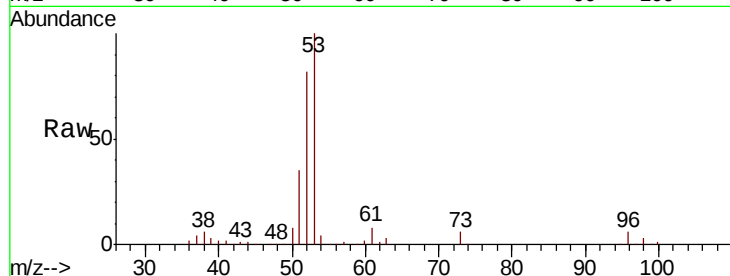
Tot Ion: 53 Resp: 350965

Ion Ratio Lower Upper

53 100

52 81.8 65.8 98.8

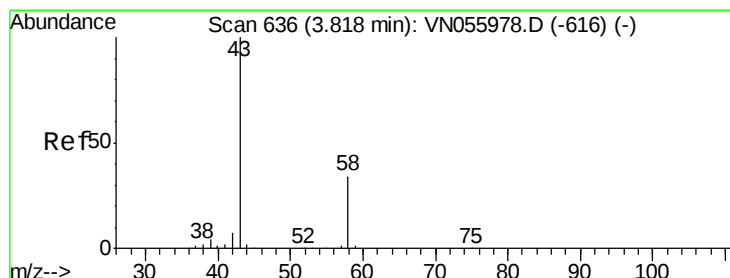
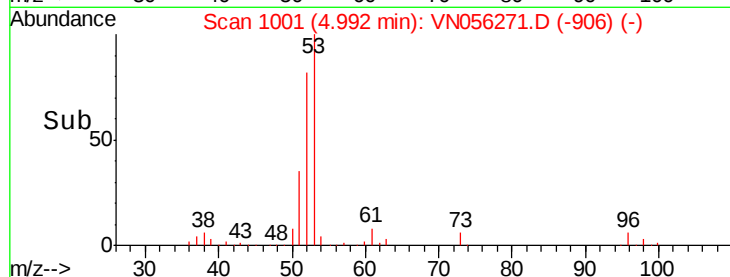
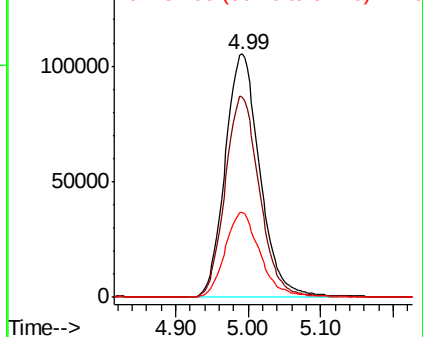
51 35.3 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 192.107 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN056271.D

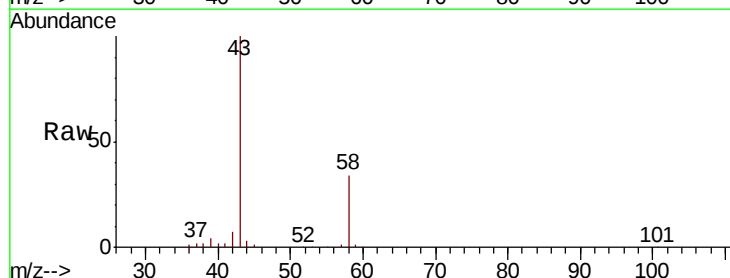
Acq: 13 Jun 2019 00:10

Tgt Ion: 43 Resp: 284248

Ion Ratio Lower Upper

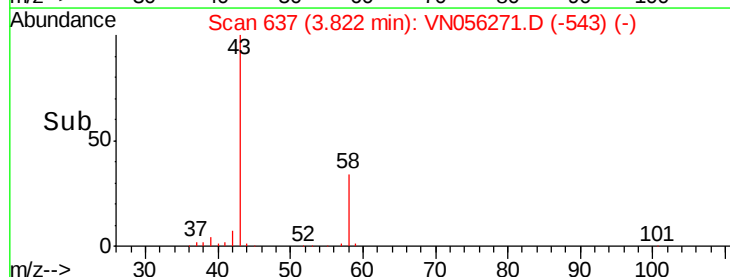
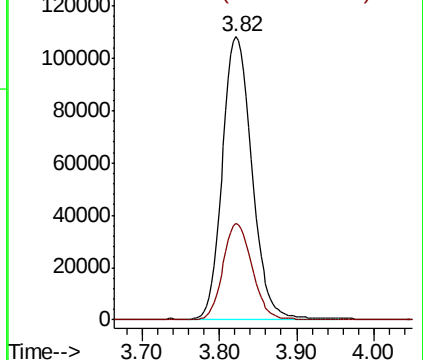
43 100

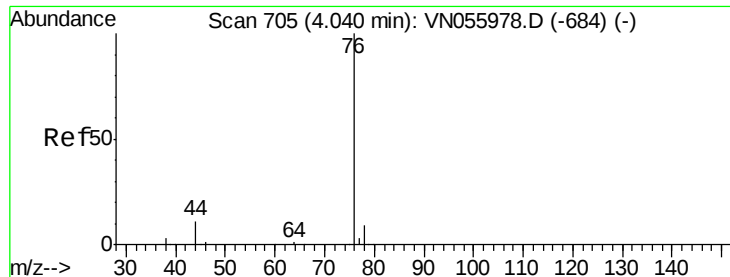
58 34.0 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 41.940 ug/l

RT: 4.04 min Scan# 704

Delta R.T. -0.00 min

Lab File: VN056271.D

Acq: 13 Jun 2019 00:10

Instrument :

MSVOA_N

ClientSampleId :

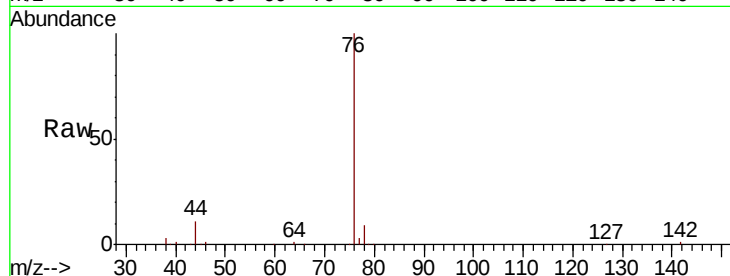
VSTDCCC050EC

Tot Ion: 76 Resp: 262661

Ion Ratio Lower Upper

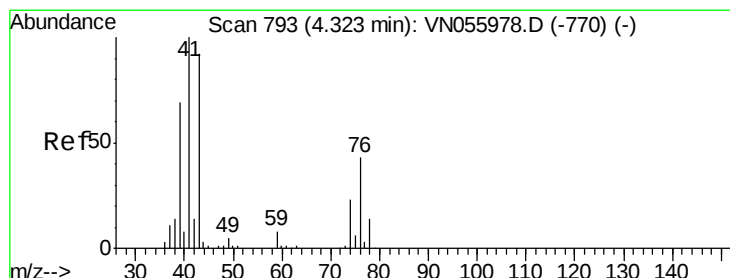
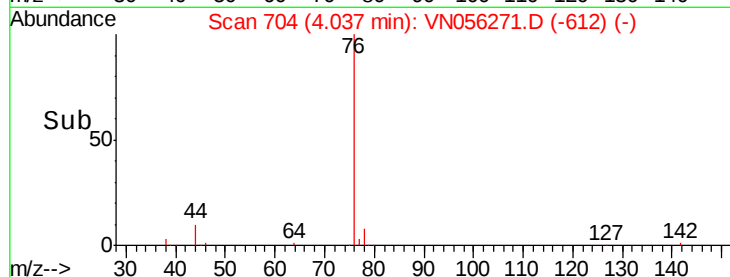
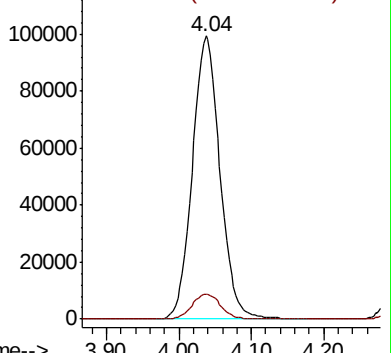
76 100

78 8.9 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 56.364 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.01 min

Lab File: VN056271.D

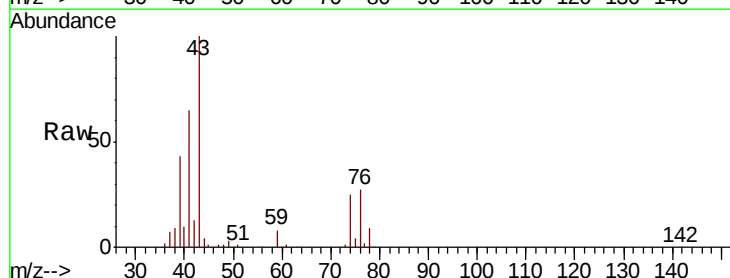
Acq: 13 Jun 2019 00:10

Tgt Ion: 43 Resp: 163605

Ion Ratio Lower Upper

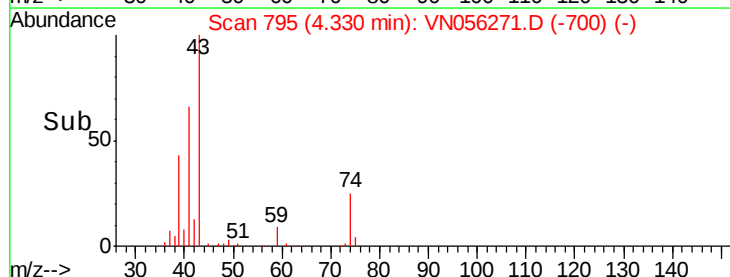
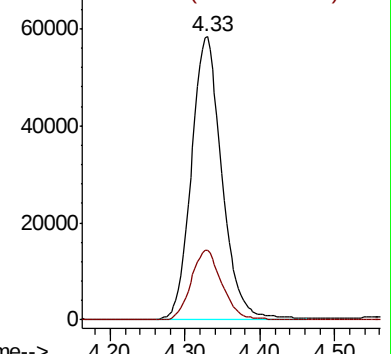
43 100

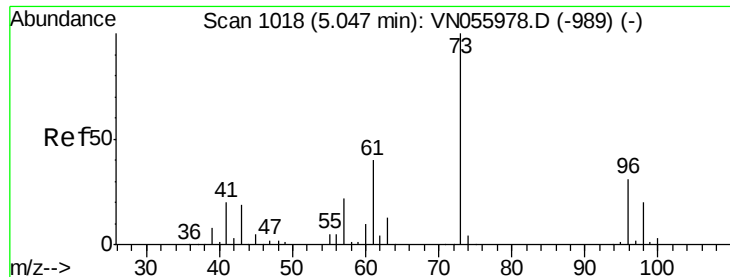
74 25.0 19.3 28.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

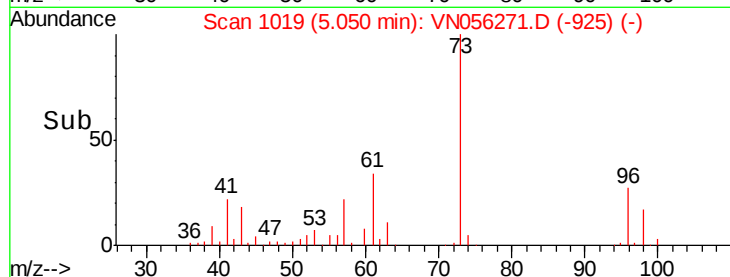
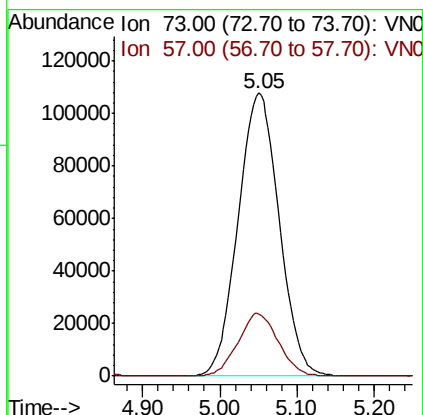
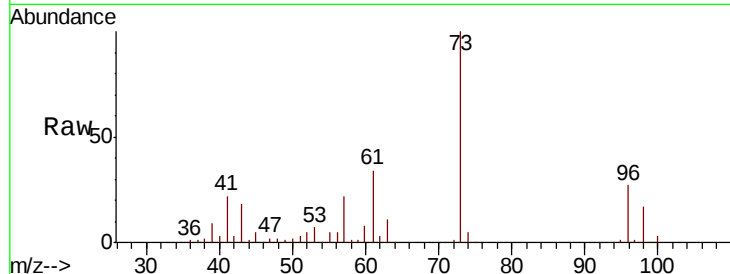




#19
Methvl tert-butvl Ether
Concen: 47.758 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VN056271.D
Acq: 13 Jun 2019 00:10

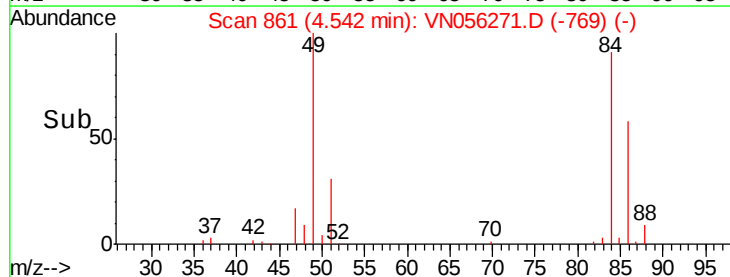
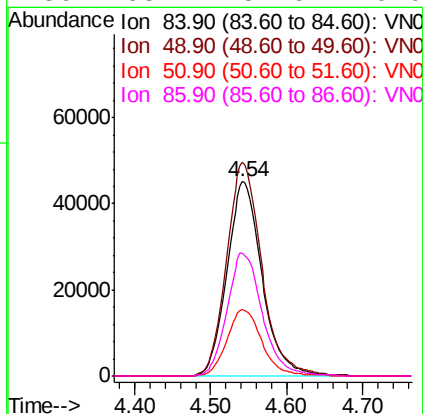
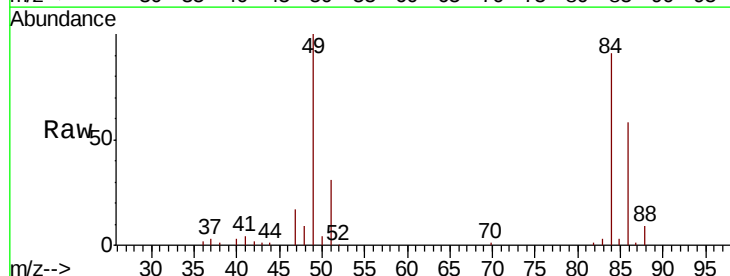
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

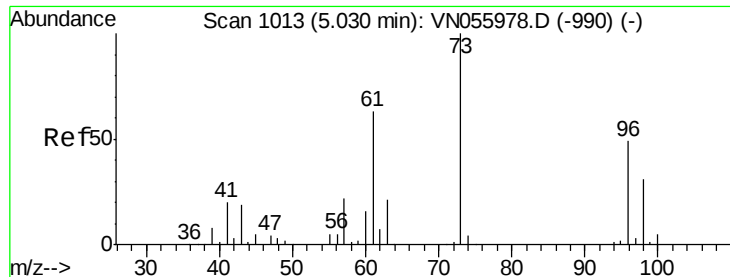
Tot Ion: 73 Resp: 398188
Ion Ratio Lower Upper
73 100
57 21.9 17.8 26.8



#20
Methylene Chloride
Concen: 47.352 ug/l
RT: 4.54 min Scan# 861
Delta R.T. -0.00 min
Lab File: VN056271.D
Acq: 13 Jun 2019 00:10

Tgt Ion: 84 Resp: 144347
Ion Ratio Lower Upper
84 100
49 109.8 93.5 140.3
51 33.9 28.6 43.0
86 63.4 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 45.973 ug/l

RT: 5.03 min Scan# 1013

Delta R.T. 0.00 min

Lab File: VN056271.D

Acq: 13 Jun 2019 00:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

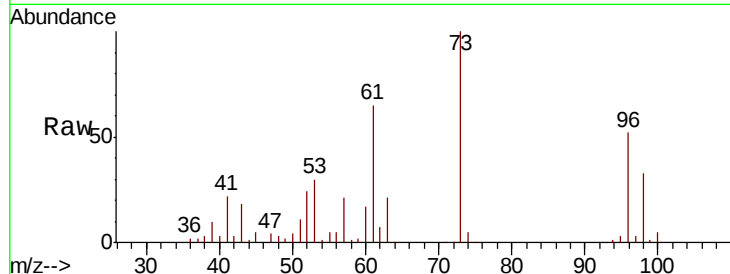
Tot Ion: 96 Resp: 128843

Ion Ratio Lower Upper

96 100

61 125.5 107.8 161.8

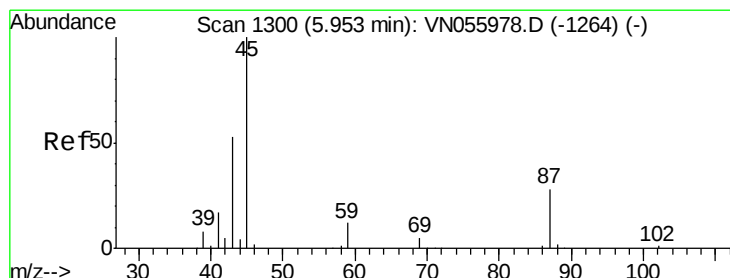
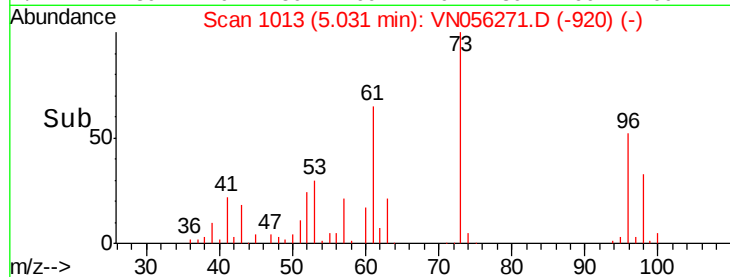
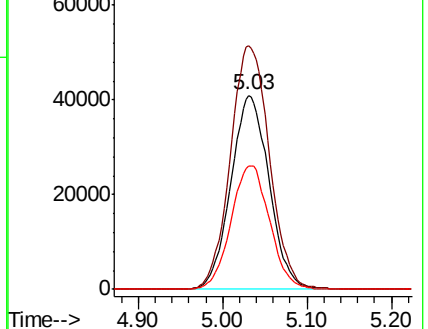
98 63.3 49.8 74.8



Abundance Ion 95.90 (95.60 to 96.60): VN055978.D (-990) (-)

Ion 60.90 (60.60 to 61.60): VN055978.D (-990) (-)

Ion 97.90 (97.60 to 98.60): VN055978.D (-990) (-)



#22

Diisopropyl ether

Concen: 47.364 ug/l

RT: 5.96 min Scan# 1301

Delta R.T. 0.00 min

Lab File: VN056271.D

Acq: 13 Jun 2019 00:10

Tgt Ion: 45 Resp: 404392

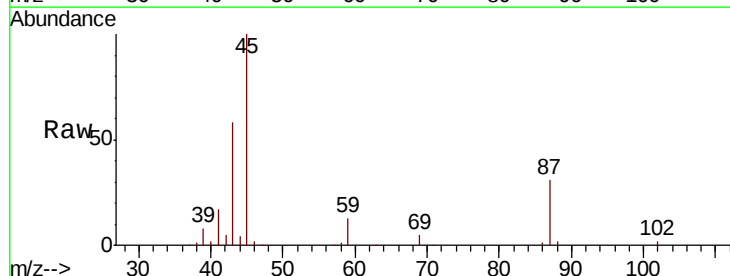
Ion Ratio Lower Upper

45 100

43 56.4 45.0 67.6

87 30.4 22.2 33.4

59 12.4 9.1 13.7

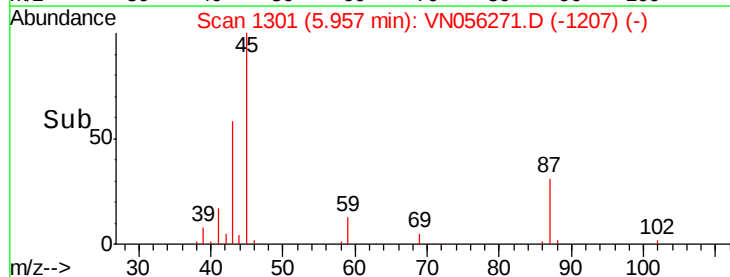
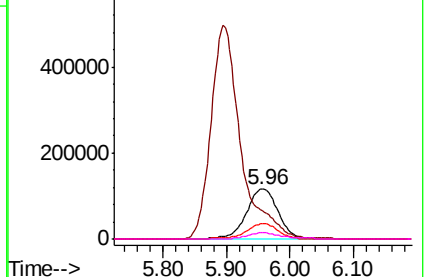


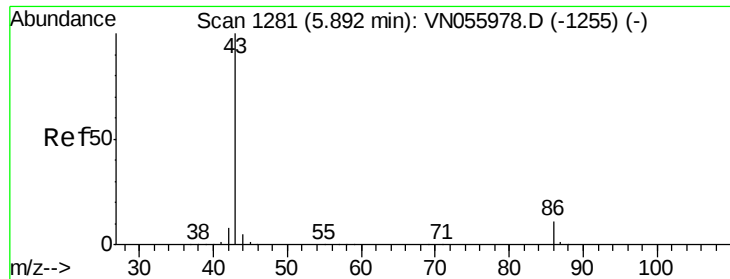
Abundance Ion 45.00 (44.70 to 45.70): VN055978.D (-1264) (-)

Ion 43.00 (42.70 to 43.70): VN055978.D (-1264) (-)

Ion 87.00 (86.70 to 87.70): VN055978.D (-1264) (-)

Ion 59.00 (58.70 to 59.70): VN055978.D (-1264) (-)

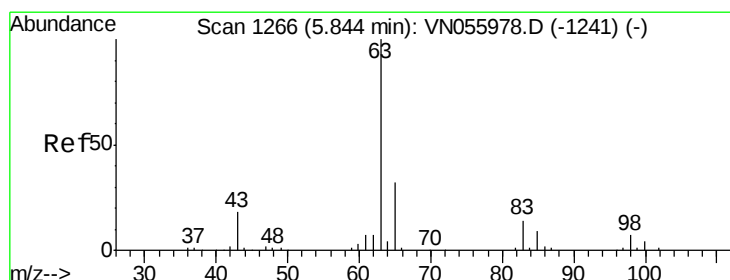
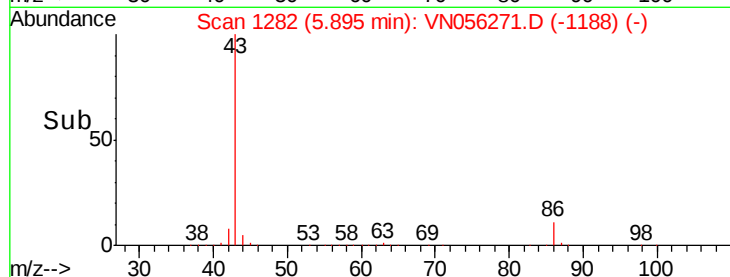
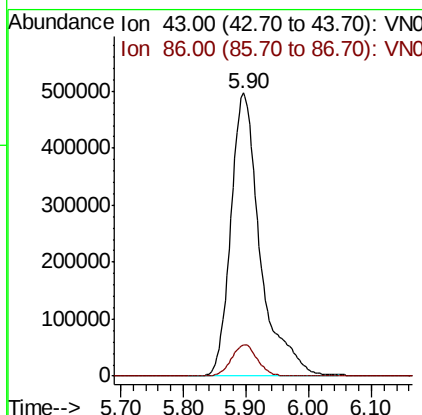
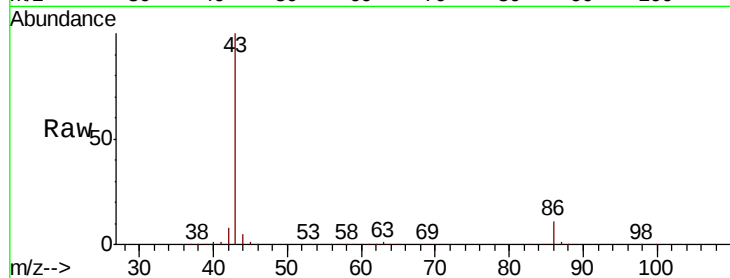




#23
 Vinyl Acetate
 Concen: 240.495 ug/l
 RT: 5.90 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: VN056271.D
 Acq: 13 Jun 2019 00:10

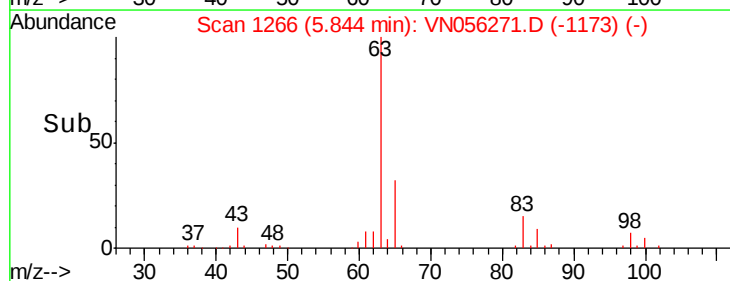
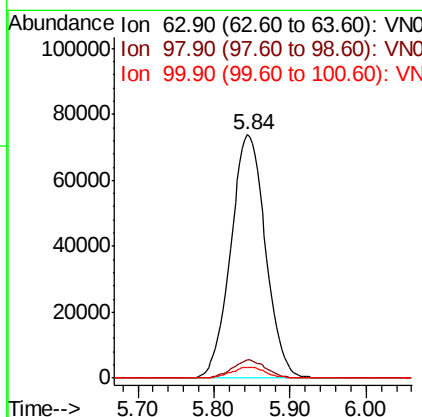
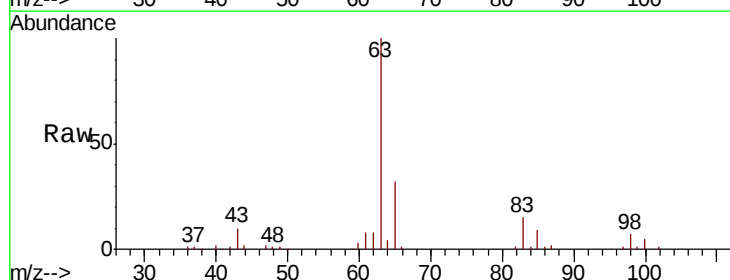
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

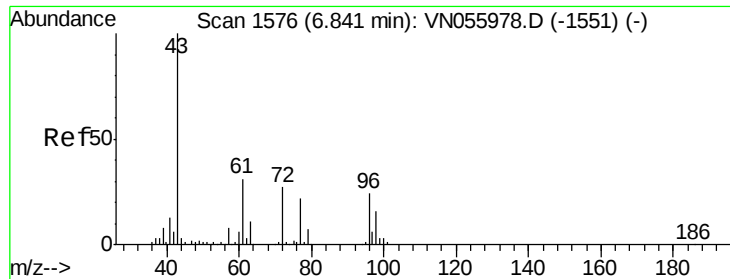
Tot Ion: 43 Resp: 1616997
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 47.575 ug/l
 RT: 5.84 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: VN056271.D
 Acq: 13 Jun 2019 00:10

Tgt Ion: 63 Resp: 234307
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.4 10.1
 100 4.6 2.2 6.6

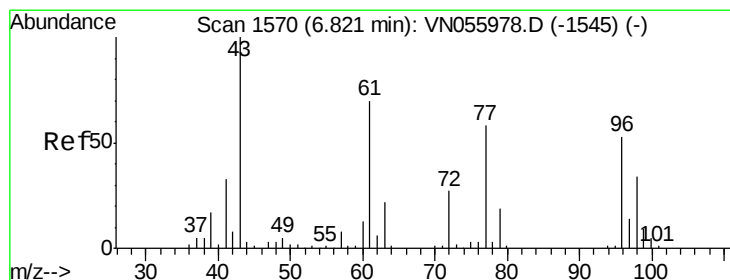
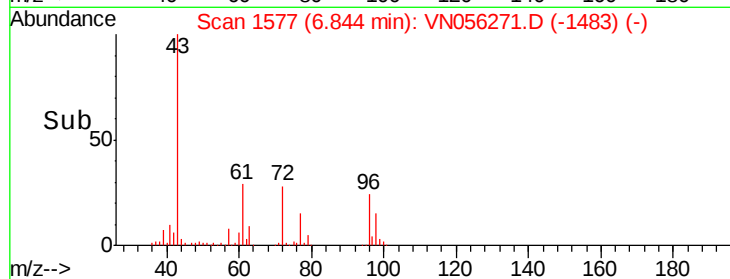
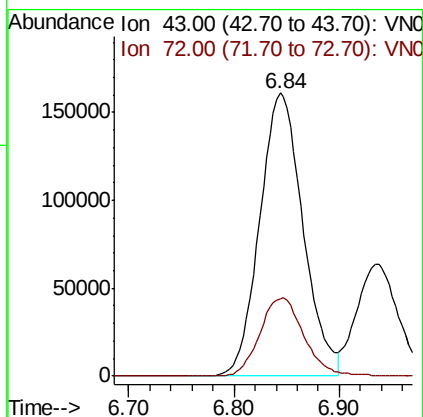
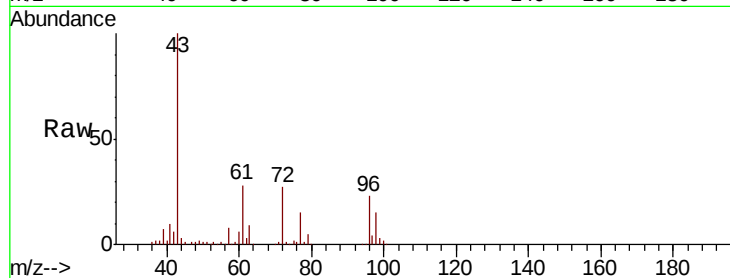




#25
2-Butanone
Concen: 244.841 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. 0.00 min
Lab File: VN056271.D
Acq: 13 Jun 2019 00:10

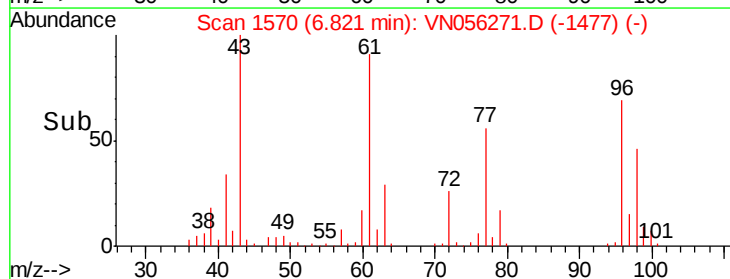
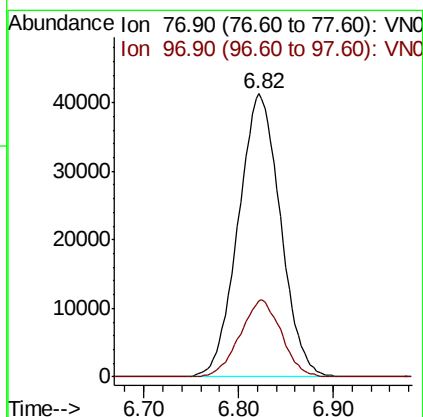
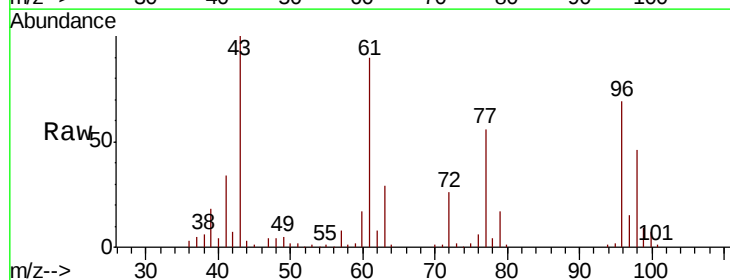
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

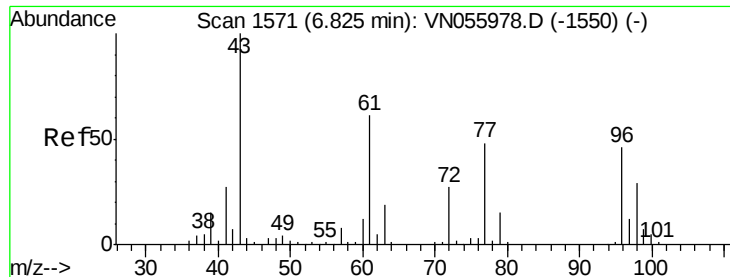
Tot Ion: 43 Resp: 457722
Ion Ratio Lower Upper
43 100
72 27.5 21.9 32.9



#26
2,2-Dichloropropane
Concen: 33.225 ug/l
RT: 6.82 min Scan# 1570
Delta R.T. 0.00 min
Lab File: VN056271.D
Acq: 13 Jun 2019 00:10

Tgt Ion: 77 Resp: 127685
Ion Ratio Lower Upper
77 100
97 26.7 12.2 36.6





#27

cis-1,2-Dichloroethene

Concen: 47.665 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN056271.D

Acq: 13 Jun 2019 00:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

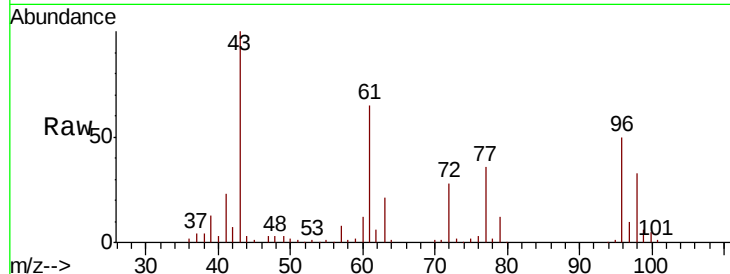
Tot Ion: 96 Resp: 157027

Ion Ratio Lower Upper

96 100

61 127.0 0.0 275.8

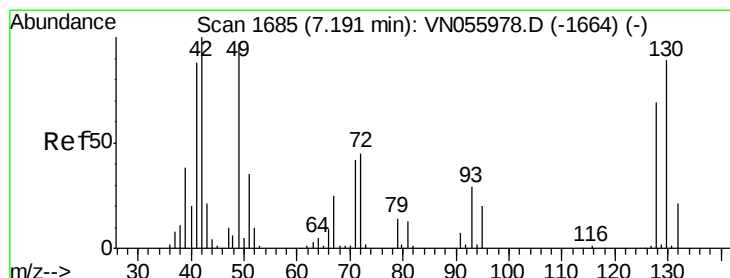
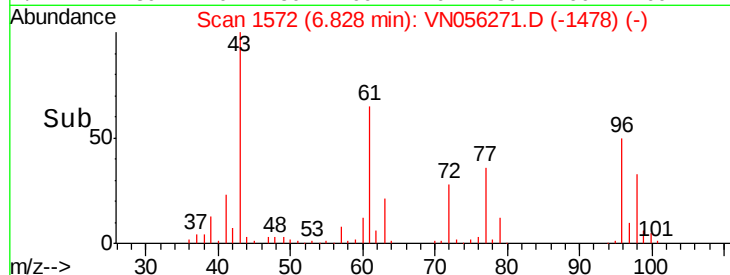
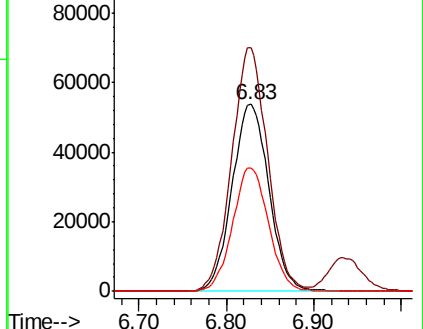
98 64.6 0.0 128.4



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: 47.890 ug/l

RT: 7.19 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VN056271.D

Acq: 13 Jun 2019 00:10

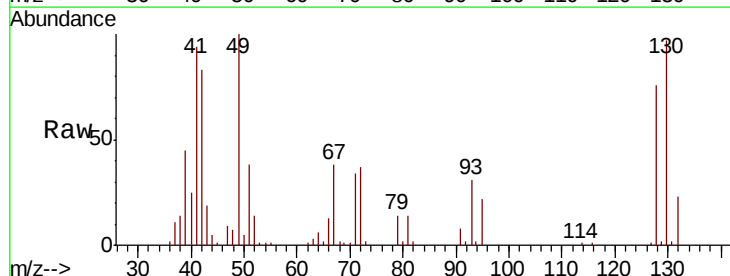
Tgt Ion: 49 Resp: 111538

Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.4

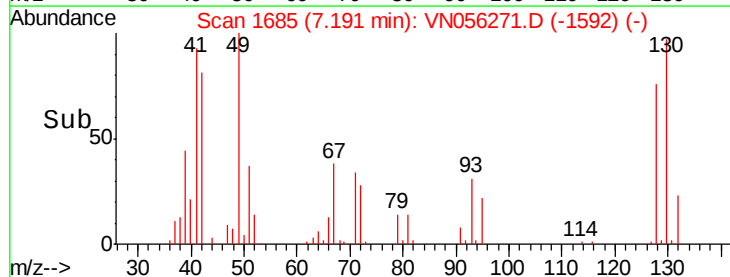
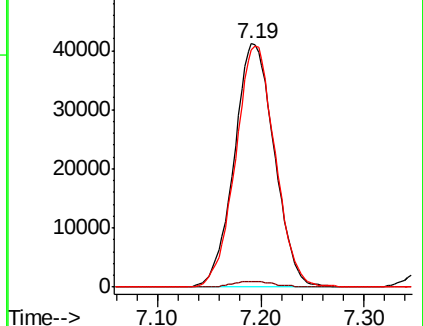
130 97.7 71.2 106.8

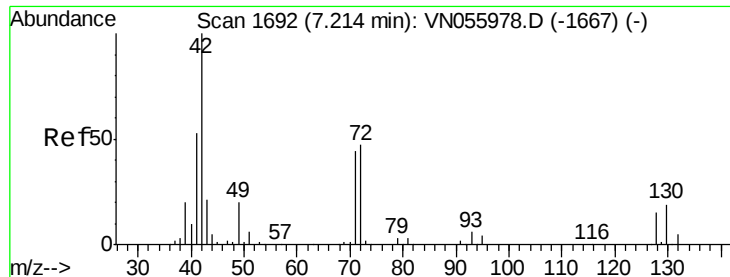


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

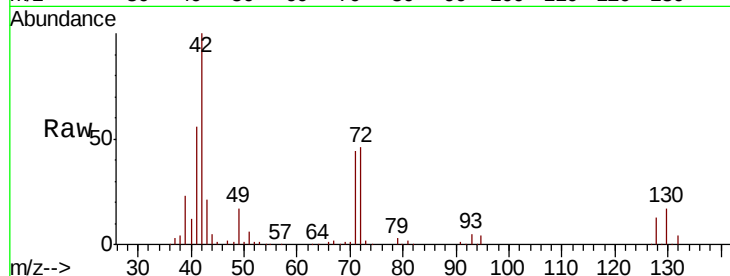




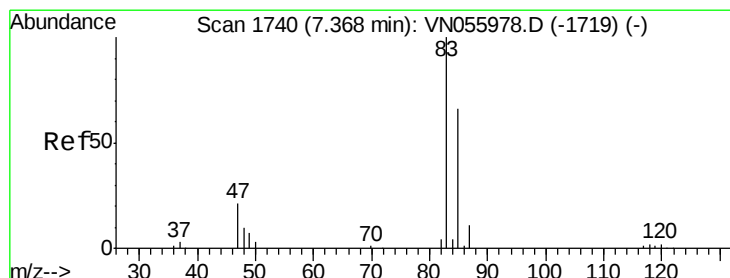
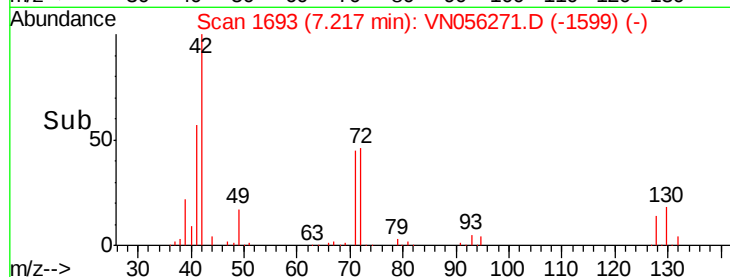
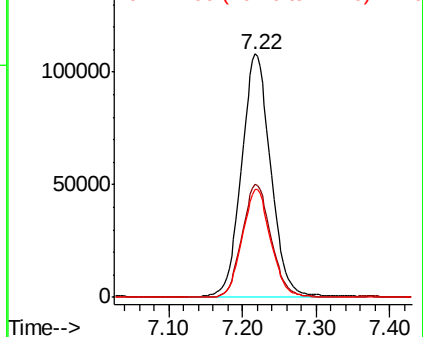
#29
Tetrahydrofuran
Concen: 258.988 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VN056271.D
Acq: 13 Jun 2019 00:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.1	35.9	53.9
71	43.2	34.0	51.0

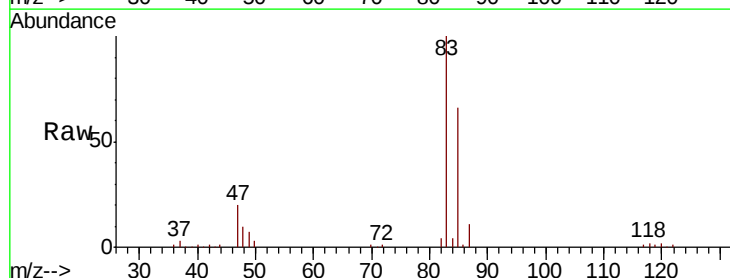


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

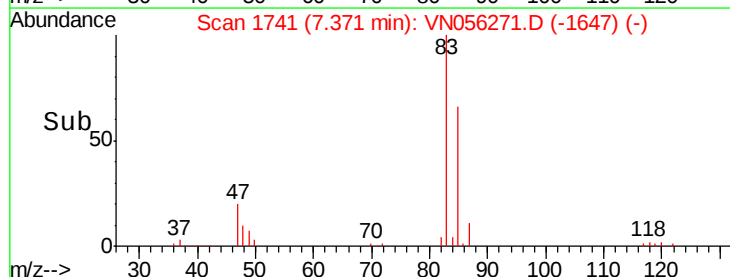
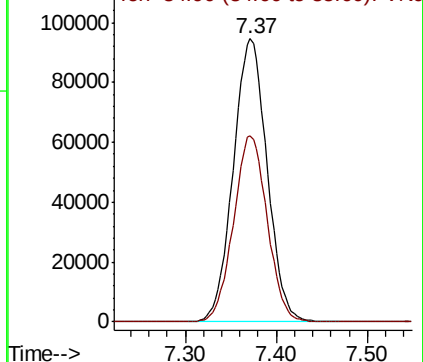


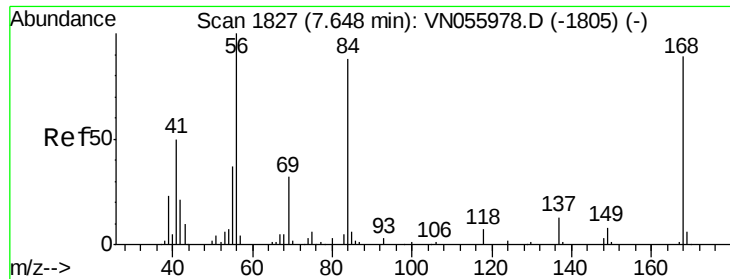
#30
Chloroform
Concen: 49.365 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN056271.D
Acq: 13 Jun 2019 00:10

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.9	51.8	77.8



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

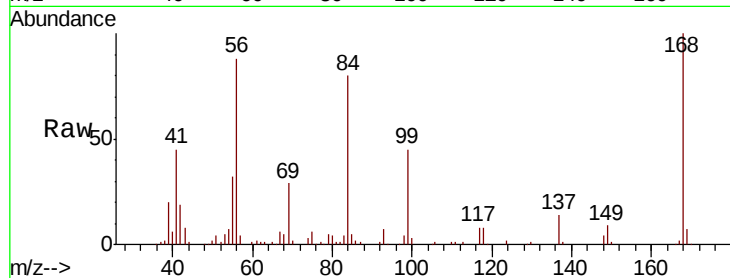




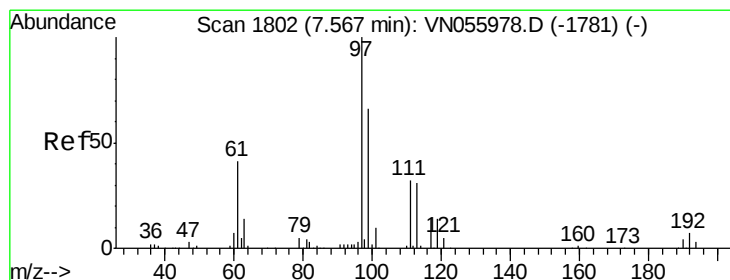
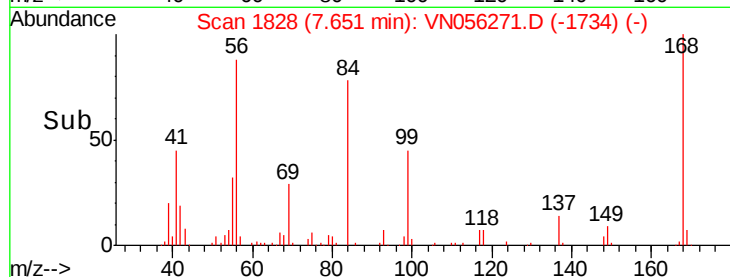
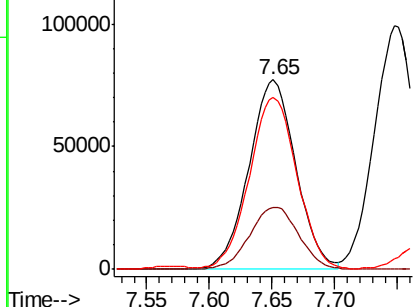
#31
Cyclohexane
Concen: 41.046 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN056271.D
Acq: 13 Jun 2019 00:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 56 Resp: 201501
Ion Ratio Lower Upper
56 100
69 32.6 25.6 38.4
84 89.4 67.4 101.0

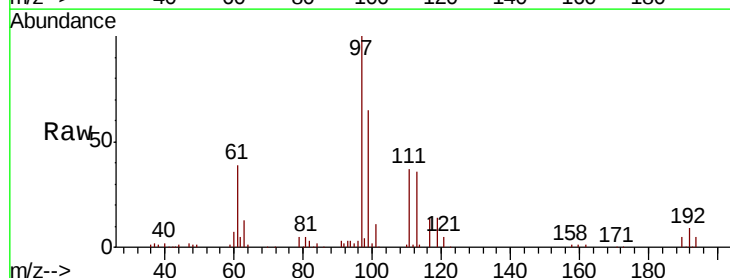


Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 84.00 (83.70 to 84.70): VNO

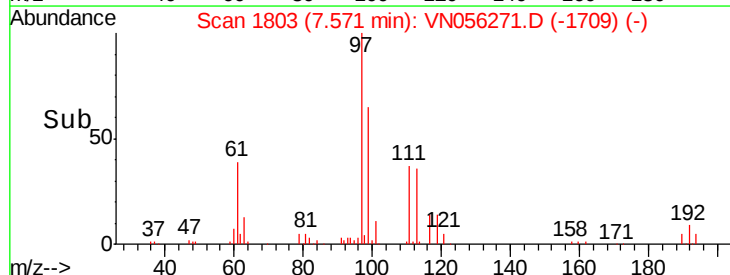
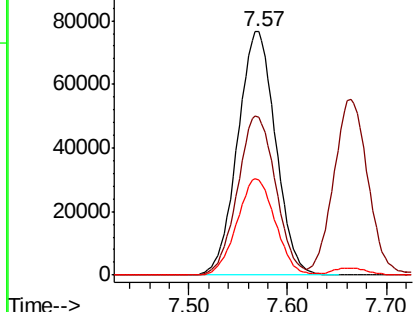


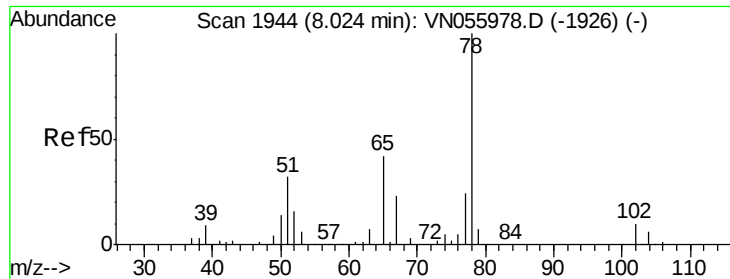
#32
1,1,1-Trichloroethane
Concen: 49.356 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VN056271.D
Acq: 13 Jun 2019 00:10

Tgt Ion: 97 Resp: 204196
Ion Ratio Lower Upper
97 100
99 65.6 52.0 78.0
61 39.8 32.9 49.3



Abundance Ion 96.90 (96.60 to 97.60): VNO
Ion 98.90 (98.60 to 99.60): VNO
Ion 60.90 (60.60 to 61.60): VNO

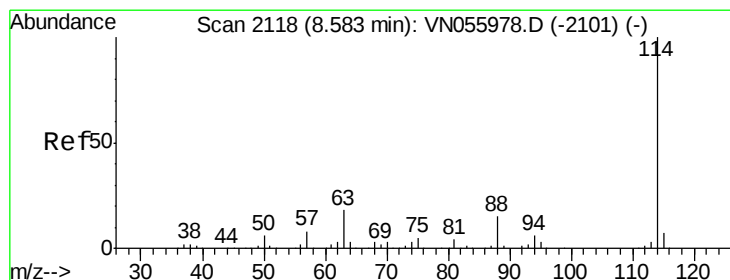
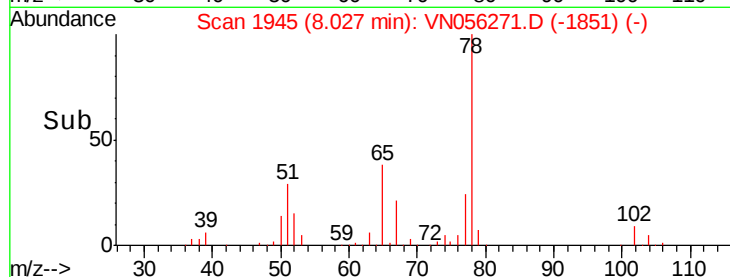
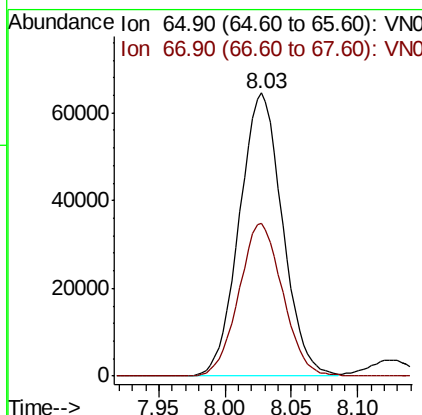
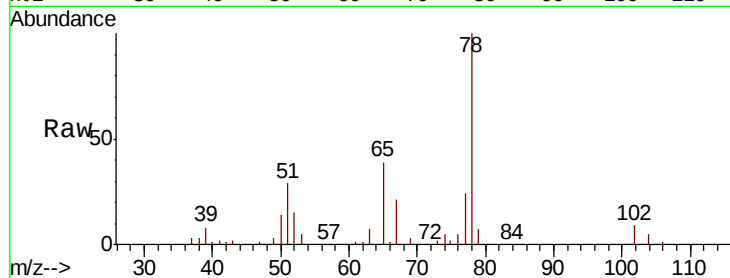




#33
 1,2-Dichloroethane-d4
 Concen: 47.079 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN056271.D
 Acq: 13 Jun 2019 00:10

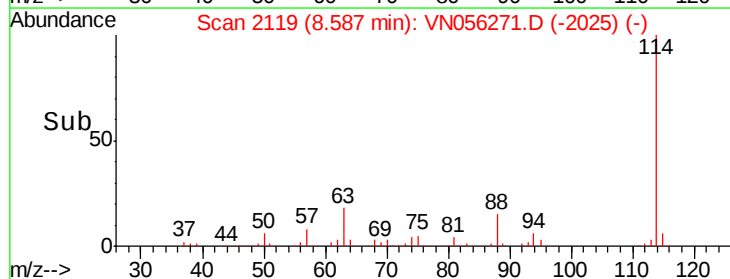
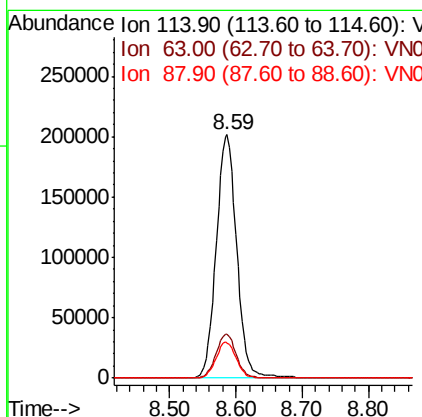
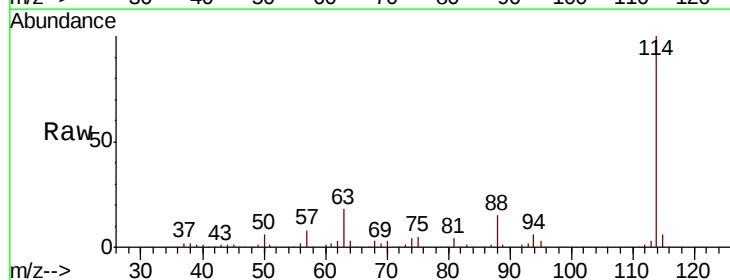
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

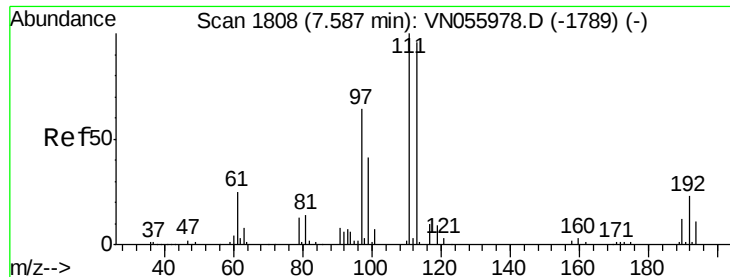
Tot Ion: 65 Resp: 145650
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056271.D
 Acq: 13 Jun 2019 00:10

Tgt Ion: 114 Resp: 431845
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 39.2
 88 14.5 0.0 31.0

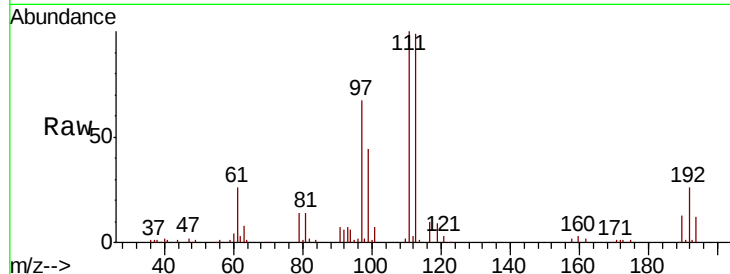




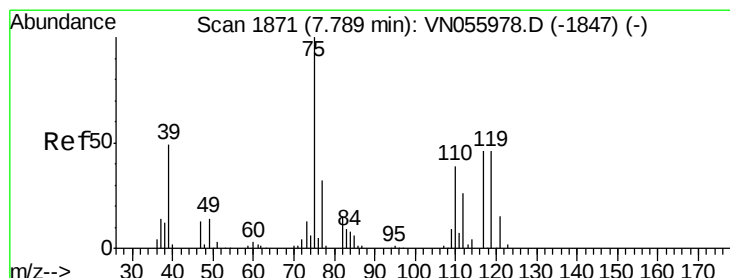
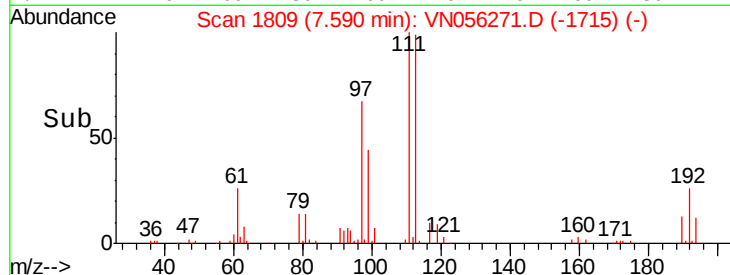
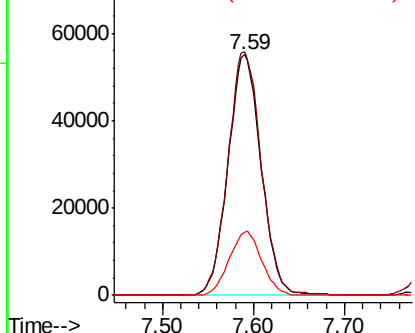
#35
 Dibromofluoromethane
 Concen: 52.435 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056271.D
 Acq: 13 Jun 2019 00:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:113 Resp: 138928
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.9 122.9
 192 26.1 19.5 29.3

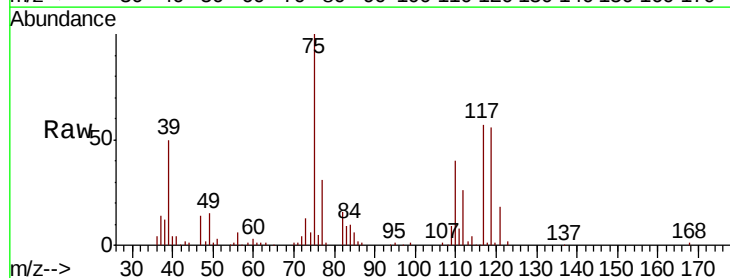


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

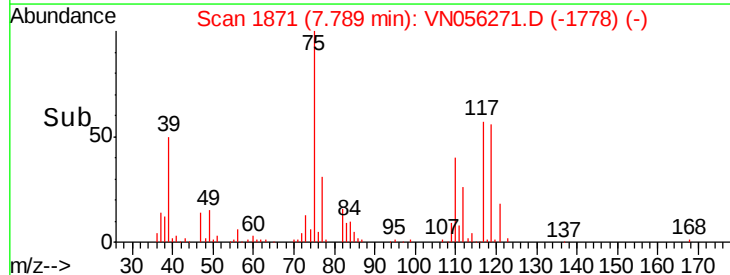
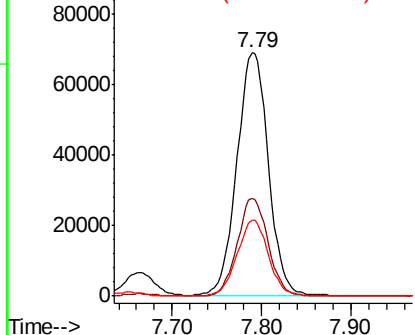


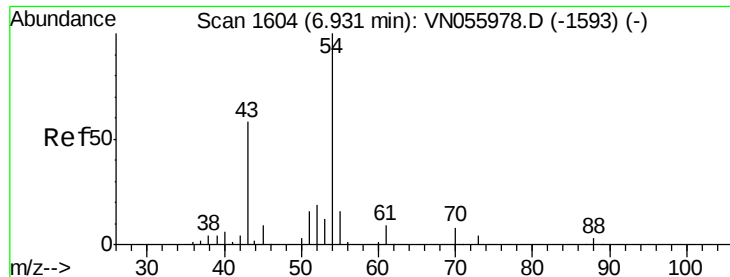
#36
 1,1-Dichloropropene
 Concen: 45.432 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: VN056271.D
 Acq: 13 Jun 2019 00:10

Tgt Ion: 75 Resp: 168701
 Ion Ratio Lower Upper
 75 100
 110 39.6 19.0 57.0
 77 31.1 25.1 37.7



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

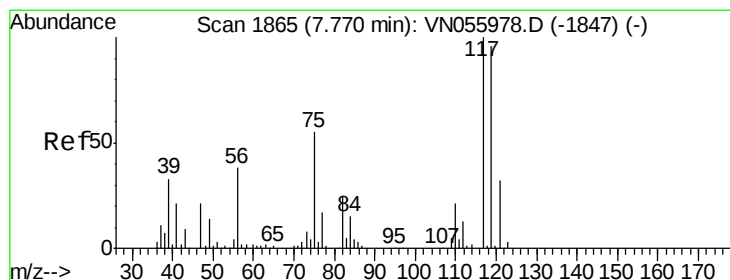
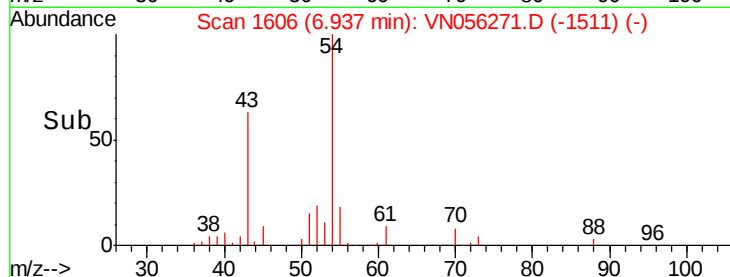
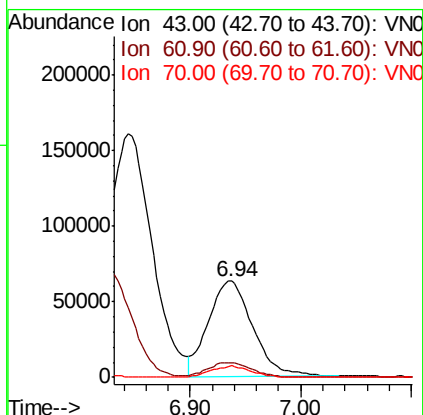
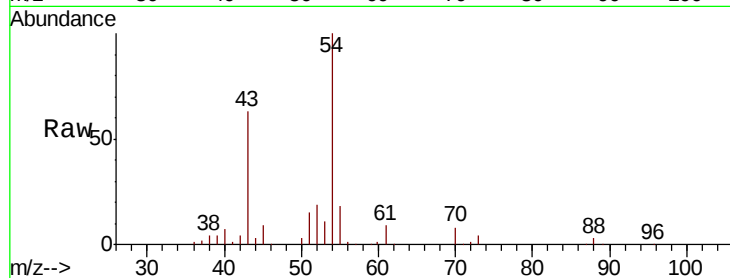




#37
Ethyl Acetate
Concen: 53.272 ug/l
RT: 6.94 min Scan# 1606
Delta R.T. 0.01 min
Lab File: VN056271.D
Acq: 13 Jun 2019 00:10

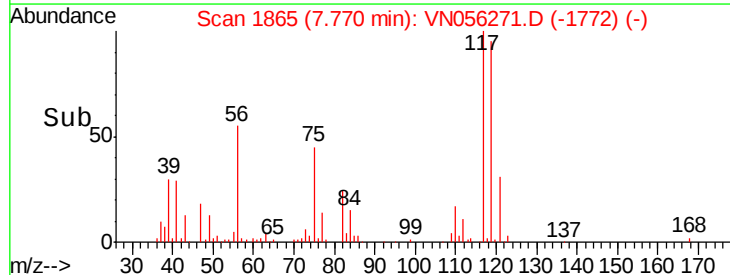
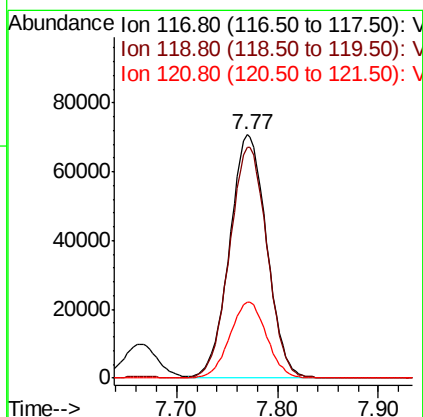
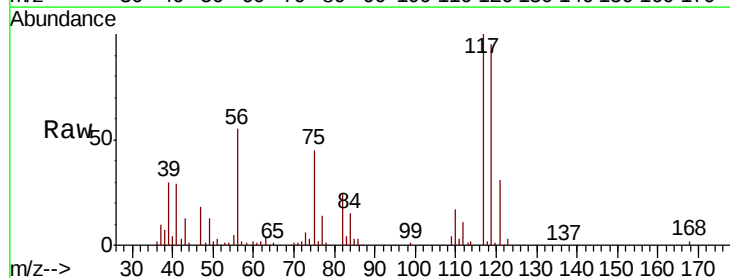
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

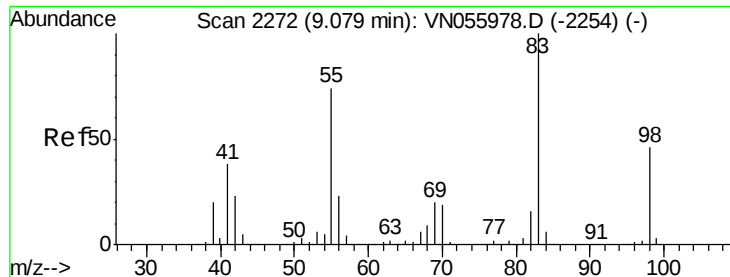
Tot Ion: 43 Resp: 176005
Ion Ratio Lower Upper
43 100
61 15.0 12.2 18.2
70 11.1 8.9 13.3



#38
Carbon Tetrachloride
Concen: 52.906 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN056271.D
Acq: 13 Jun 2019 00:10

Tgt Ion: 117 Resp: 181119
Ion Ratio Lower Upper
117 100
119 94.3 79.0 118.6
121 31.1 24.7 37.1

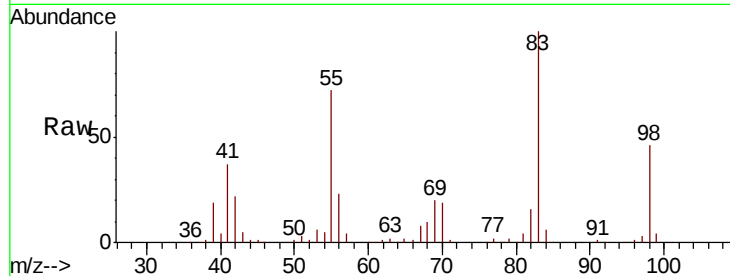




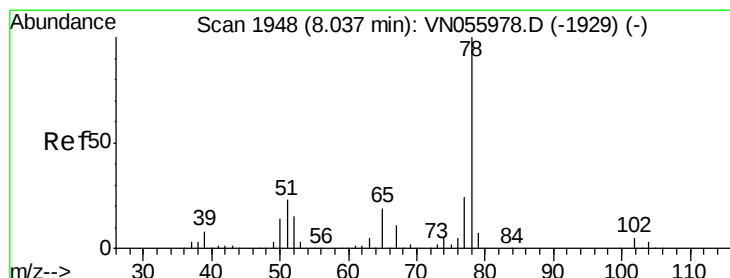
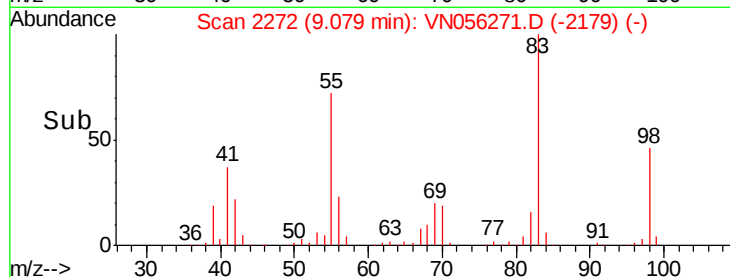
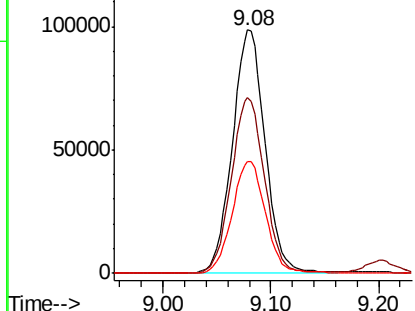
#39
Methvlcvclohexane
Concen: 45.089 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN056271.D
Acq: 13 Jun 2019 00:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 208565
Ion Ratio Lower Upper
83 100
55 72.1 59.3 88.9
98 45.9 36.6 54.8

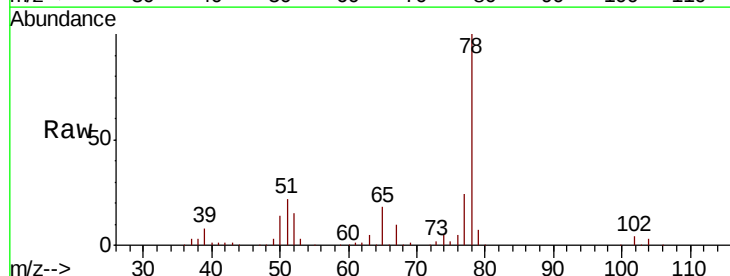


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

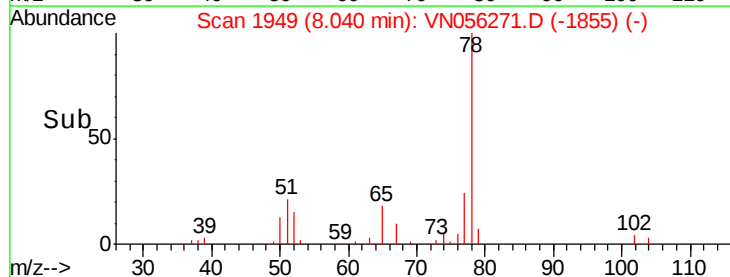
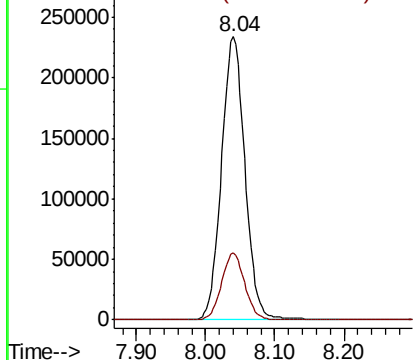


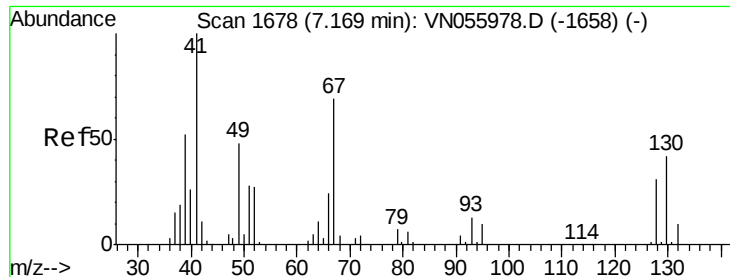
#40
Benzene
Concen: 48.980 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN056271.D
Acq: 13 Jun 2019 00:10

Tgt Ion: 78 Resp: 552401
Ion Ratio Lower Upper
78 100
77 23.7 18.8 28.2



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

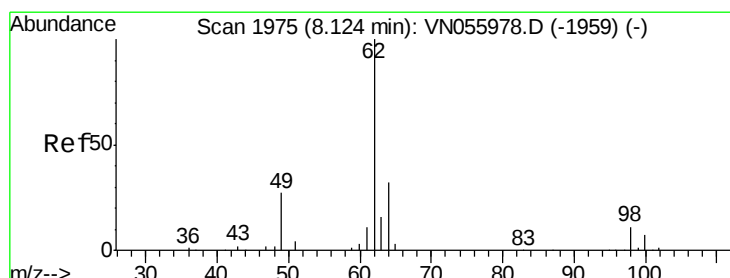
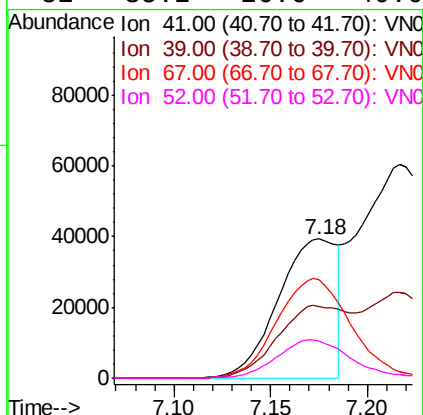
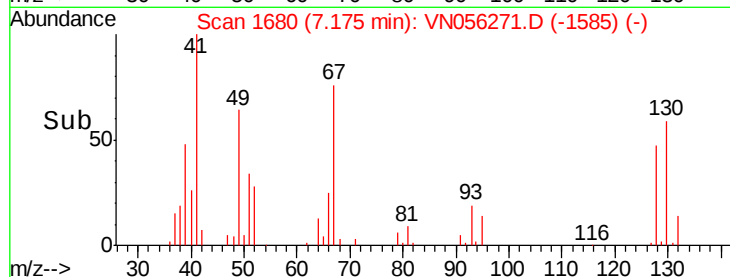
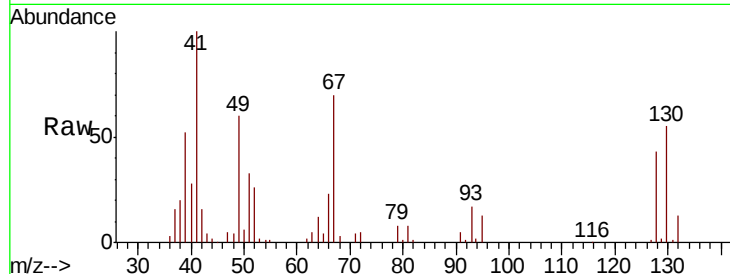




#41
Methacrylonitrile
Concen: 54.858 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.01 min
Lab File: VN056271.D
Acq: 13 Jun 2019 00:10

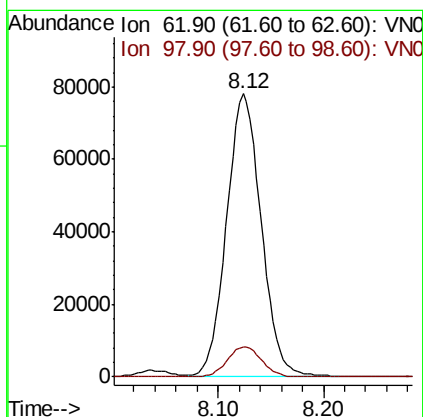
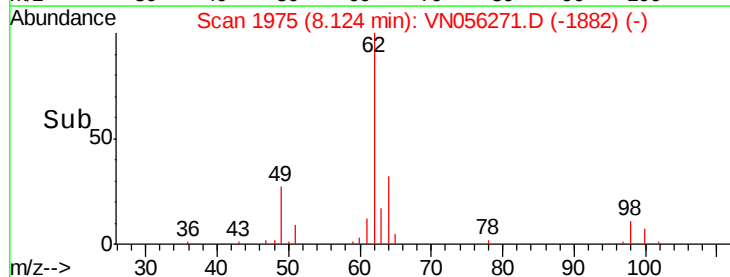
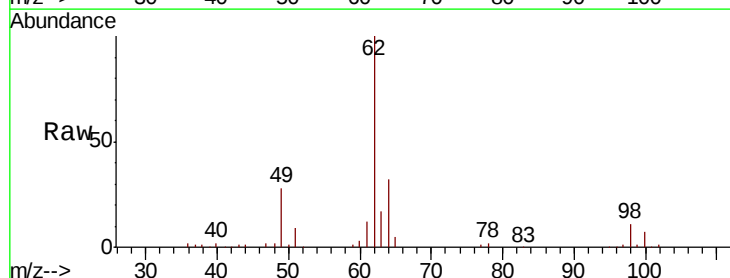
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

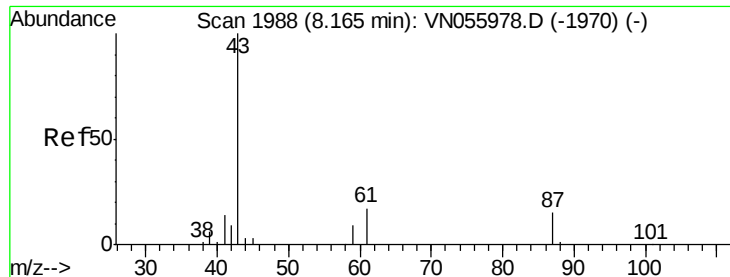
Tot Ion: 41 Resp: 83391
Ion Ratio Lower Upper
41 100
39 65.3 45.6 68.4
67 90.8 67.7 101.5
52 35.2 26.6 40.0



#42
1,2-Dichloroethane
Concen: 48.684 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN056271.D
Acq: 13 Jun 2019 00:10

Tgt Ion: 62 Resp: 176614
Ion Ratio Lower Upper
62 100
98 10.7 0.0 20.2





#43

Isopropyl Acetate

Concen: 50.343 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN056271.D

Acq: 13 Jun 2019 00:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

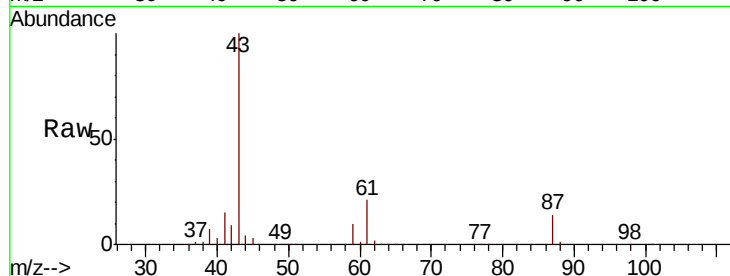
Tot Ion: 43 Resp: 269531

Ion Ratio Lower Upper

43 100

61 21.5 22.2 33.4#

87 15.1 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VN055978.D (-1970) (-)

Ion 61.00 (60.70 to 61.70): VN055978.D (-1970) (-)

Ion 87.00 (86.70 to 87.70): VN055978.D (-1970) (-)

8.17

150000

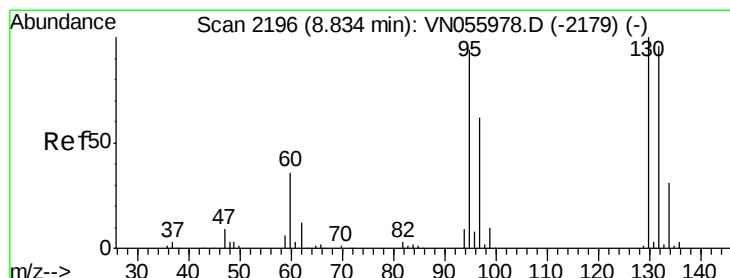
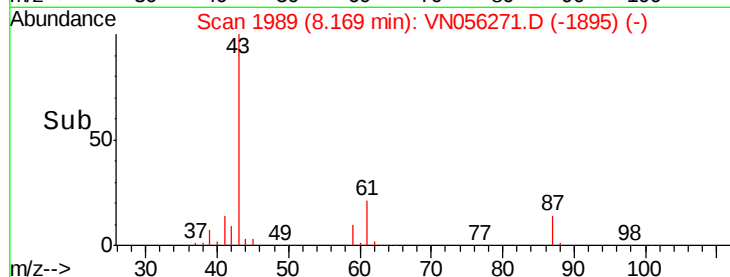
100000

50000

0

8.05 8.10 8.15 8.20 8.25

Time-->



#44

Trichloroethene

Concen: 50.910 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN056271.D

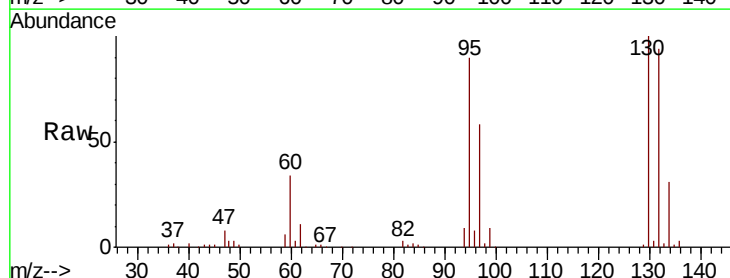
Acq: 13 Jun 2019 00:10

Tgt Ion:130 Resp: 164986

Ion Ratio Lower Upper

130 100

95 89.9 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): VN055978.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN055978.D (-2179) (-)

8.83

80000

60000

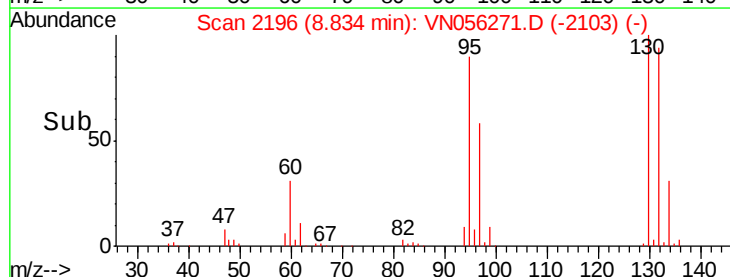
40000

20000

0

8.75 8.80 8.85 8.90 8.95

Time-->

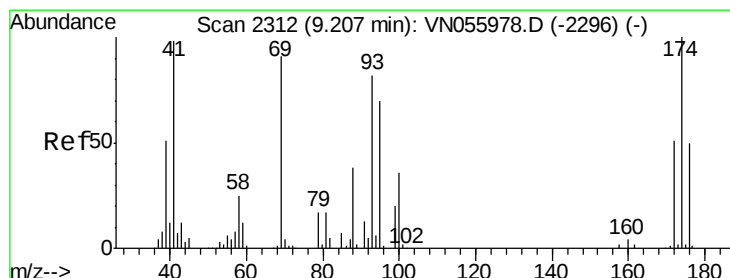
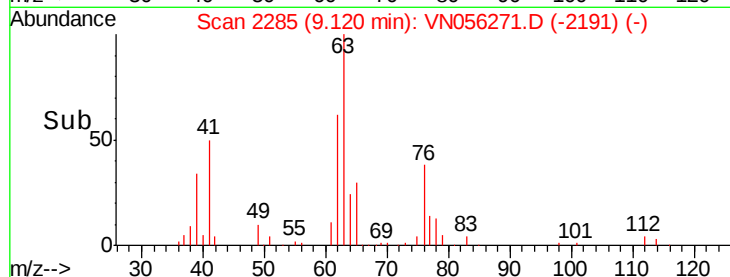
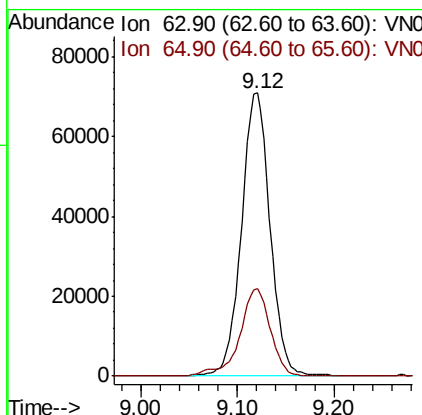
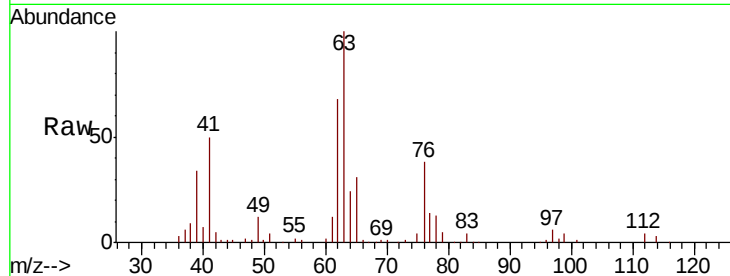




#45
 1,2-Dichloropropane
 Concen: 50.452 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN056271.D
 Acq: 13 Jun 2019 00:10

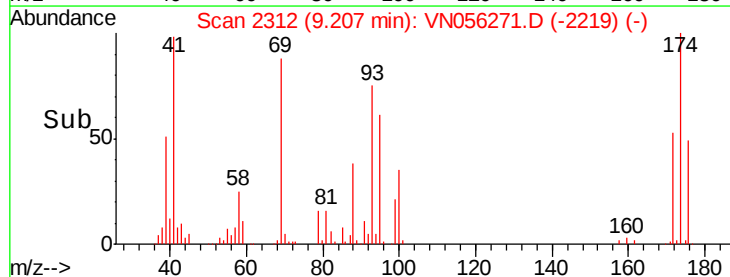
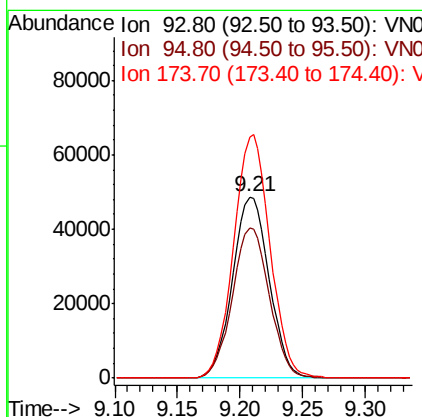
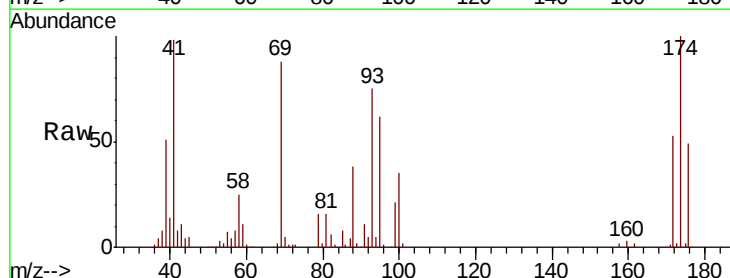
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 145744
 Ion Ratio Lower Upper
 63 100
 65 30.9 24.6 36.8



#46
 Dibromomethane
 Concen: 52.483 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN056271.D
 Acq: 13 Jun 2019 00:10

Tgt Ion: 93 Resp: 99143
 Ion Ratio Lower Upper
 93 100
 95 83.6 66.7 100.1
 174 133.3 96.4 144.6

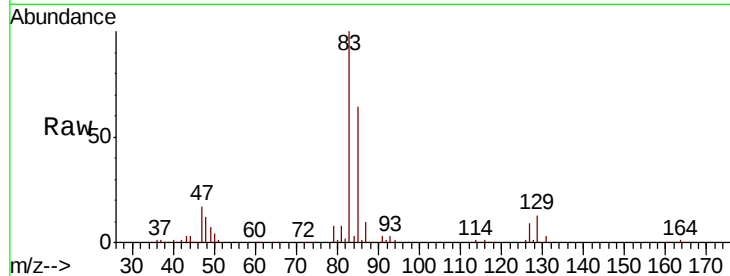




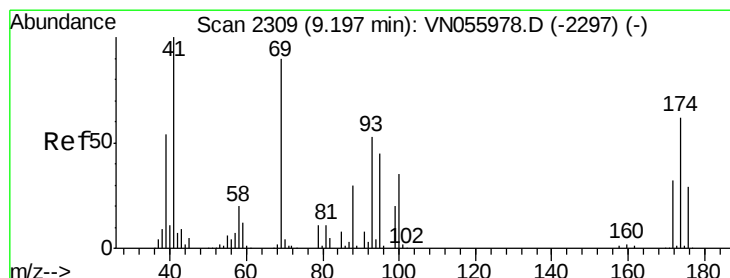
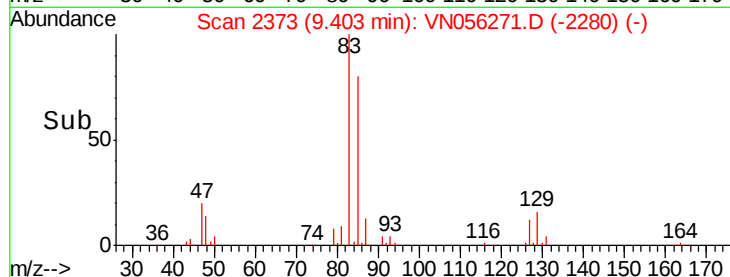
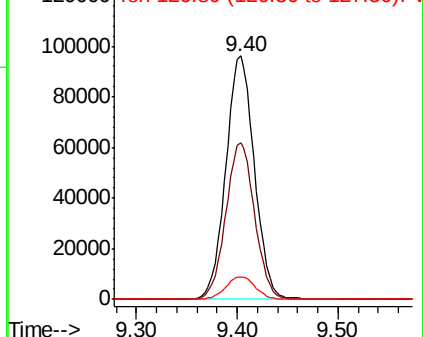
#47
Bromodichloromethane
Concen: 55.496 ug/l
RT: 9.40 min Scan# 2373
Delta R.T. 0.00 min
Lab File: VN056271.D
Acq: 13 Jun 2019 00:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 190004
Ion Ratio Lower Upper
83 100
85 64.3 52.2 78.2
127 9.3 7.4 11.0

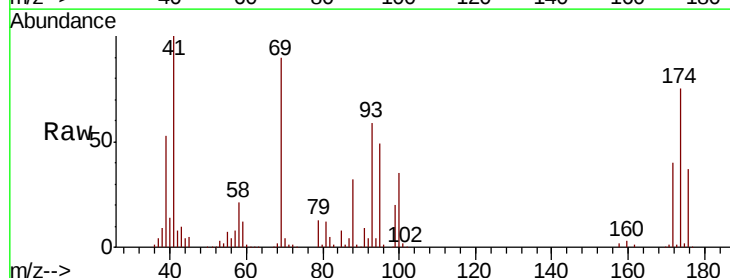


Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): VN0

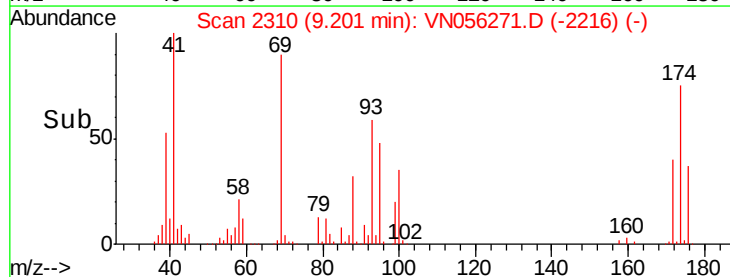
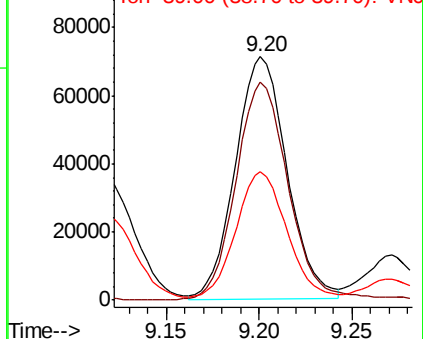


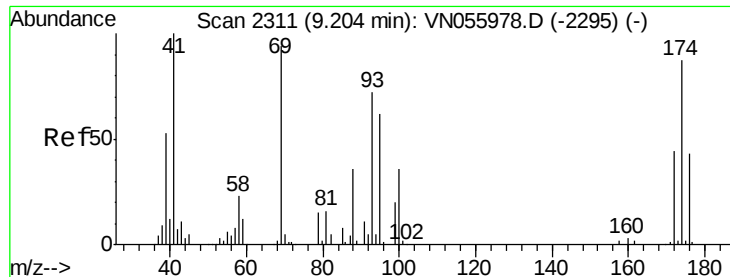
#48
Methyl methacrylate
Concen: 52.762 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN056271.D
Acq: 13 Jun 2019 00:10

Tgt Ion: 41 Resp: 138198
Ion Ratio Lower Upper
41 100
69 92.6 71.0 106.6
39 52.4 44.2 66.2



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





#49

1,4-Dioxane

Concen: 1081.474 ug/l

RT: 9.20 min Scan# 2311

Delta R.T. 0.00 min

Lab File: VN056271.D

Acq: 13 Jun 2019 00:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

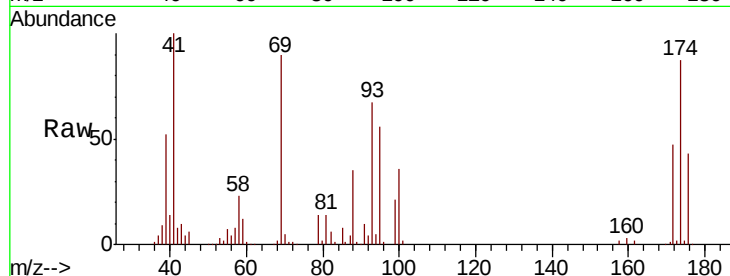
Tot Ion: 88 Resp: 61154

Ion Ratio Lower Upper

88 100

43 25.0 20.5 30.7

58 61.5 55.8 83.6

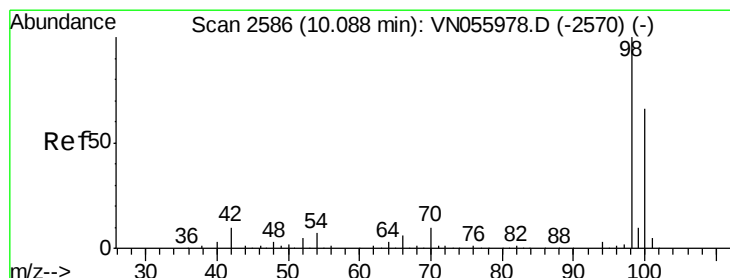
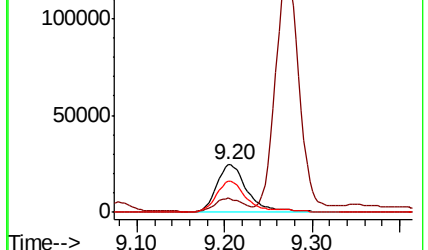
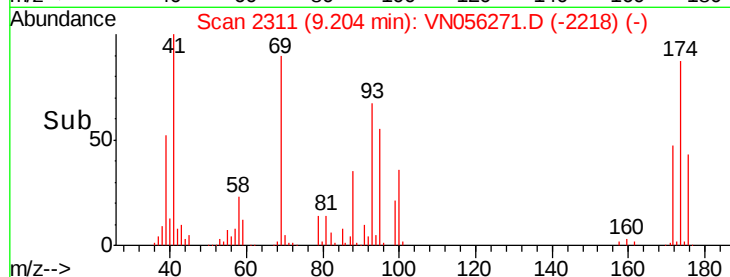


Abundance Ion 88.00 (87.70 to 88.70): VN056271.D (-2218) (-)

Ion 43.00 (42.70 to 43.70): VN056271.D (-2218) (-)

Ion 58.00 (57.70 to 58.70): VN056271.D (-2218) (-)

Time-->



#50

Toluene-d8

Concen: 48.223 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056271.D

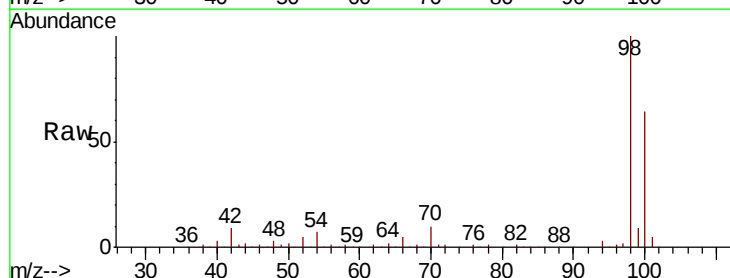
Acq: 13 Jun 2019 00:10

Tgt Ion: 98 Resp: 491654

Ion Ratio Lower Upper

98 100

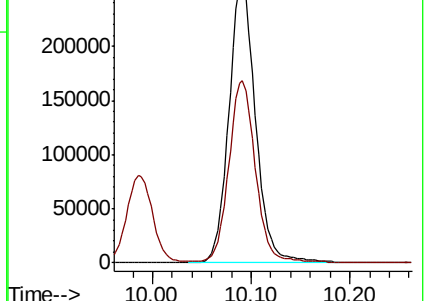
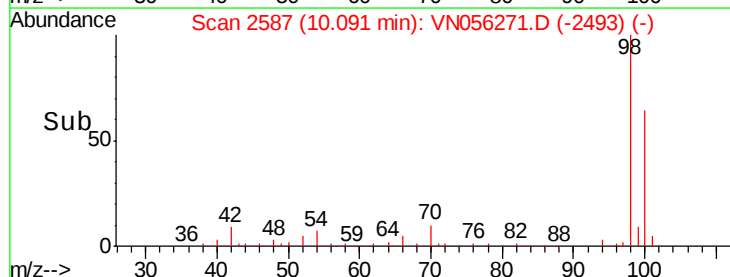
100 64.6 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN056271.D (-2493) (-)

Ion 100.00 (99.70 to 100.70): VN056271.D (-2493) (-)

Time-->





#51

4-Methyl-2-Pentanone

Concen: 268.364 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN056271.D

Acq: 13 Jun 2019 00:10

Instrument :

MSVOA_N

ClientSampleId :

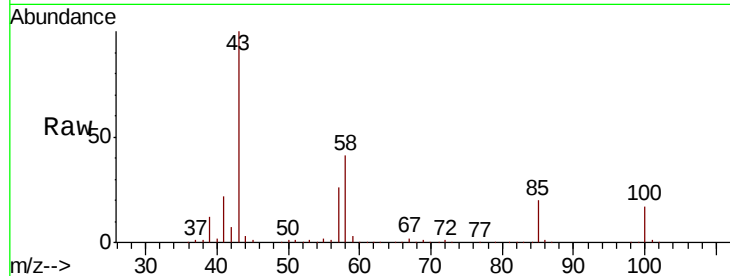
VSTDCCC050EC

Tot Ion: 43 Resp: 898496

Ion Ratio Lower Upper

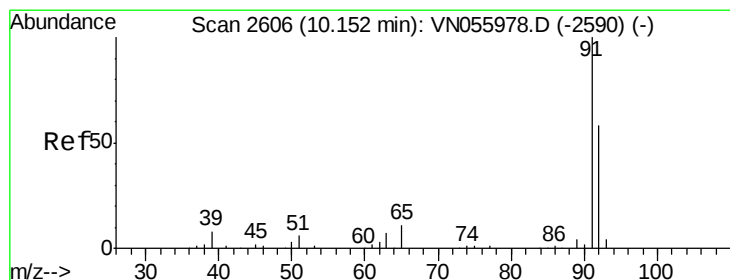
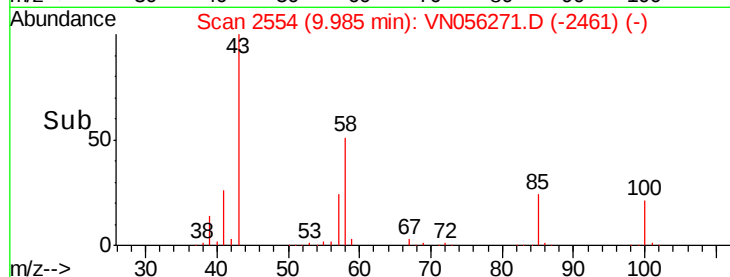
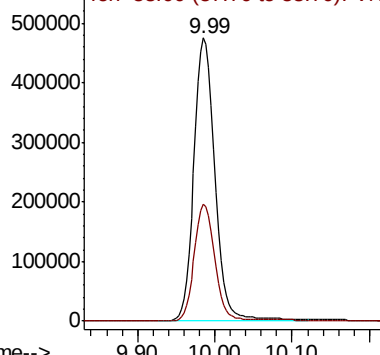
43 100

58 40.6 32.1 48.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 49.833 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN056271.D

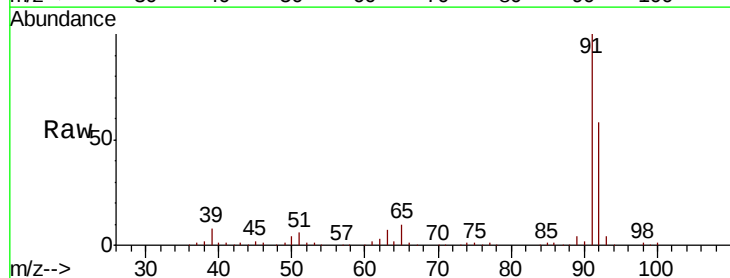
Acq: 13 Jun 2019 00:10

Tgt Ion: 92 Resp: 349719

Ion Ratio Lower Upper

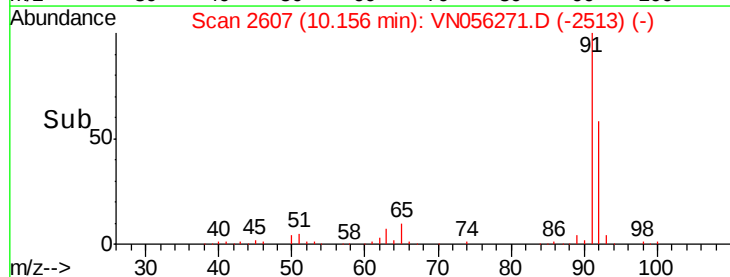
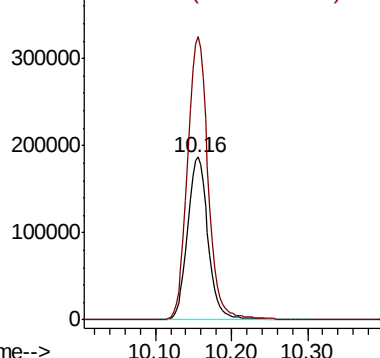
92 100

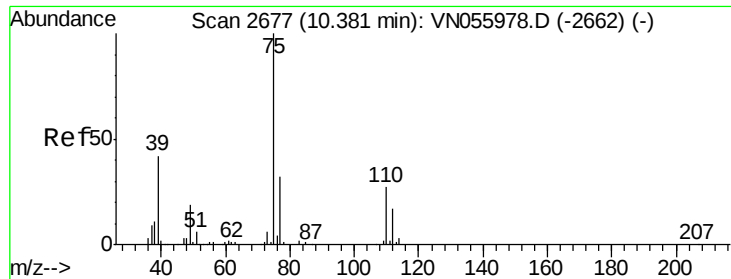
91 175.2 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 44.832 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN056271.D

Acq: 13 Jun 2019 00:10

Instrument :

MSVOA_N

ClientSampleId :

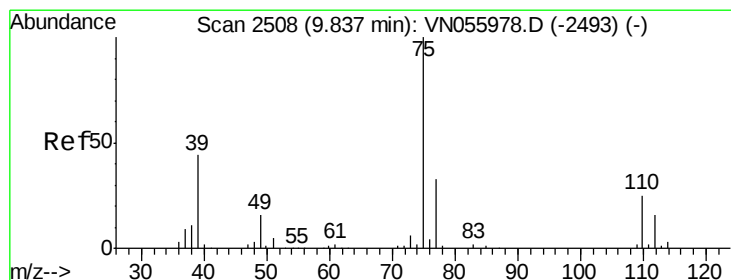
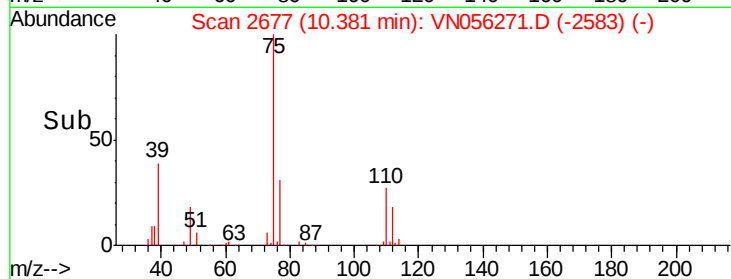
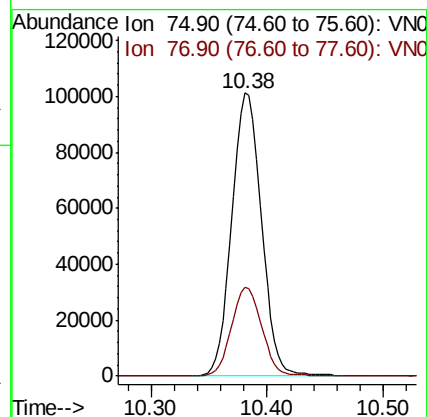
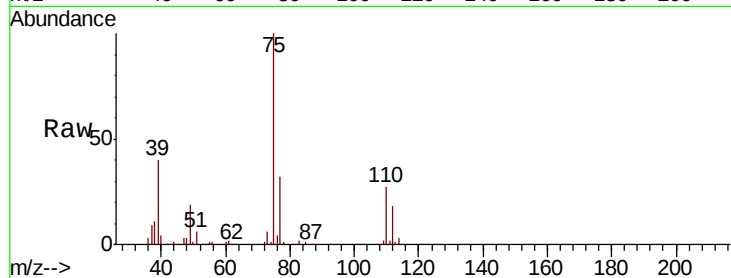
VSTDCCC050EC

Tot Ion: 75 Resp: 178913

Ion Ratio Lower Upper

75 100

77 31.4 25.8 38.6



#54

cis-1,3-Dichloropropene

Concen: 50.483 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN056271.D

Acq: 13 Jun 2019 00:10

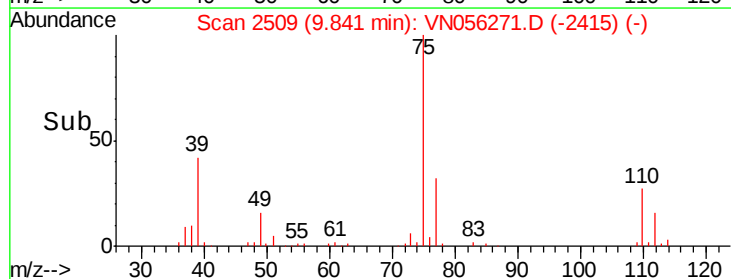
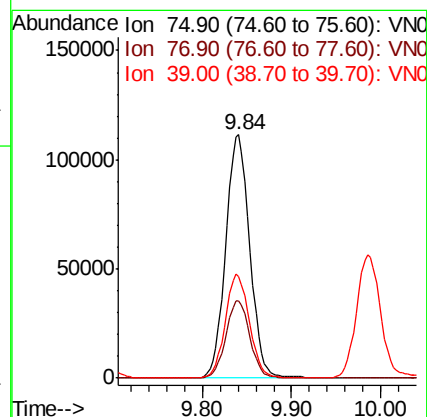
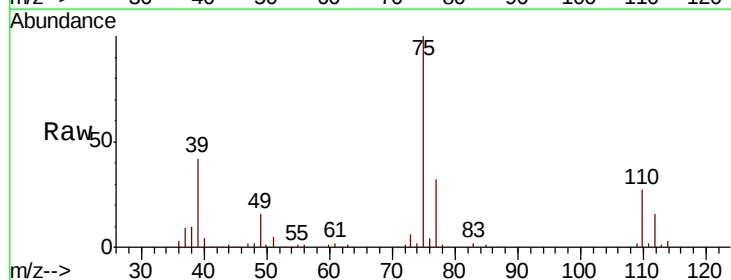
Tgt Ion: 75 Resp: 207755

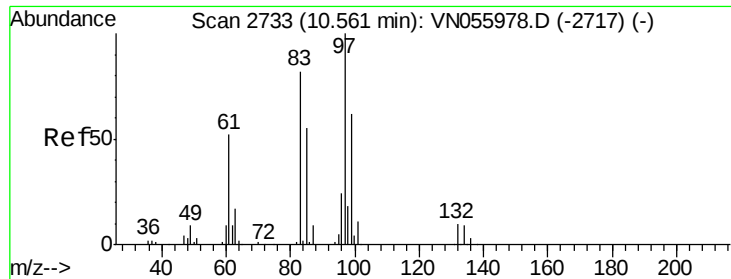
Ion Ratio Lower Upper

75 100

77 31.8 25.4 38.0

39 42.0 36.3 54.5



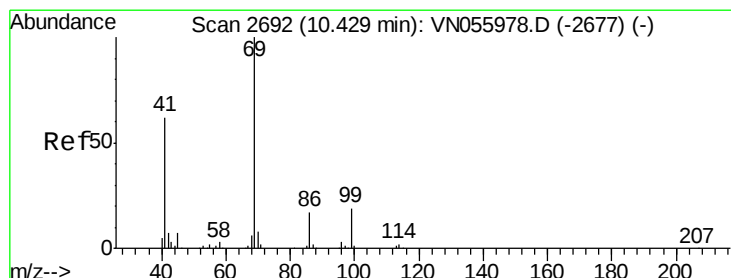
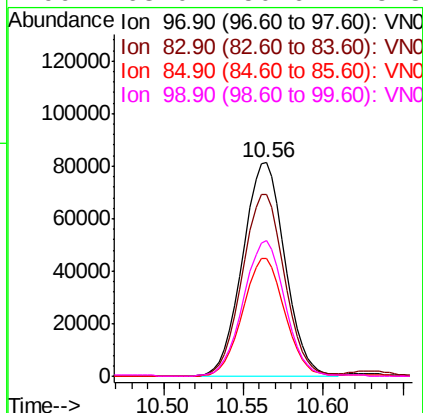
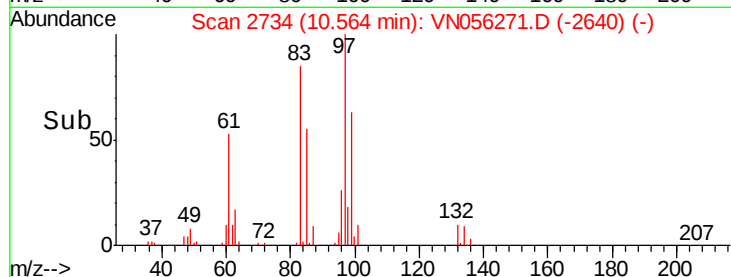
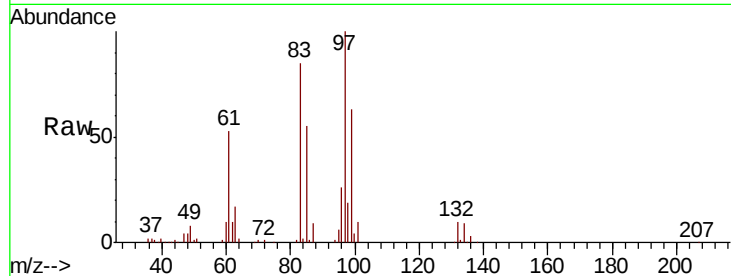


#55
 1,1,2-Trichloroethane
 Concen: 52.949 ug/l
 RT: 10.56 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN056271.D
 Acq: 13 Jun 2019 00:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 97 Resp: 147193

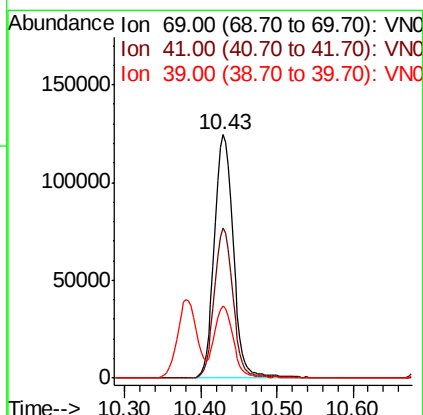
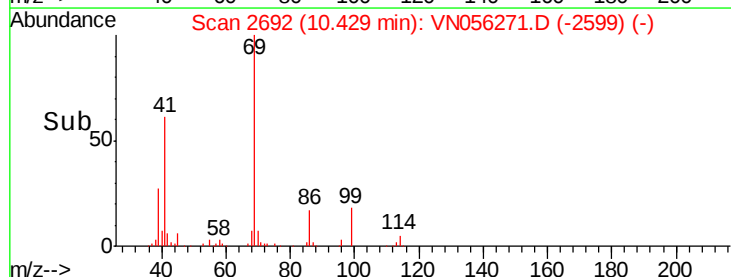
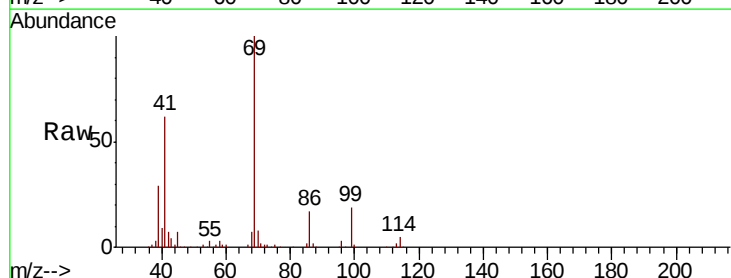
Ion	Ratio	Lower	Upper
97	100		
83	85.2	67.0	100.6
85	55.4	44.0	66.0
99	63.0	50.6	75.8

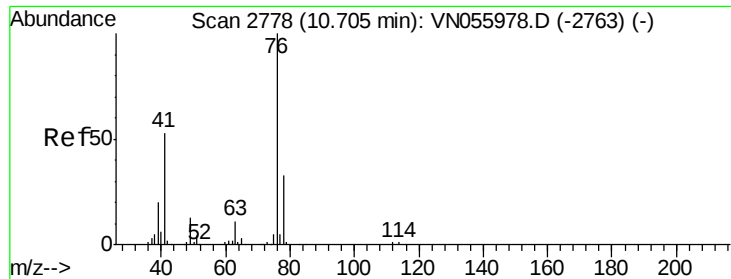


#56
 Ethyl methacrylate
 Concen: 53.199 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN056271.D
 Acq: 13 Jun 2019 00:10

Tgt Ion: 69 Resp: 215753

Ion	Ratio	Lower	Upper
69	100		
41	60.1	49.7	74.5
39	28.8	24.7	37.1





#57

1,3-Dichloropropane

Concen: 51.794 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN056271.D

Acq: 13 Jun 2019 00:10

Instrument :

MSVOA_N

ClientSampleId :

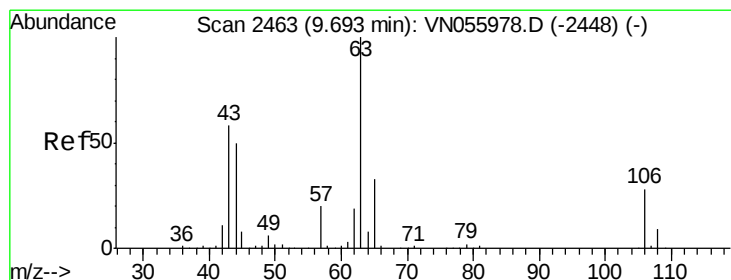
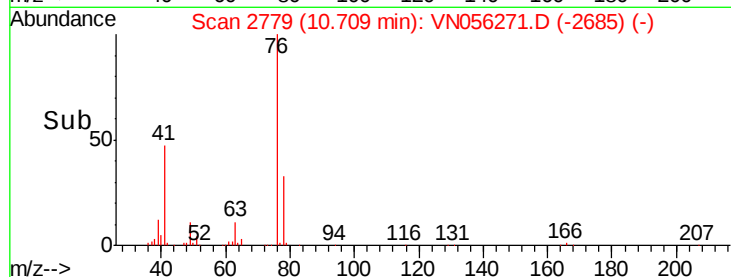
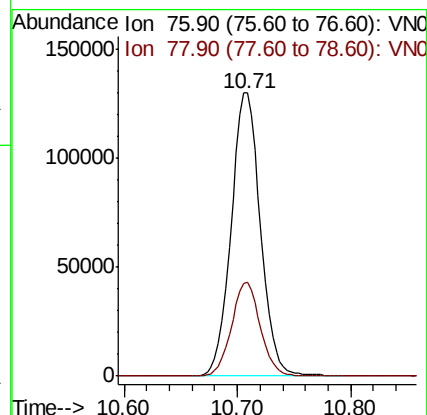
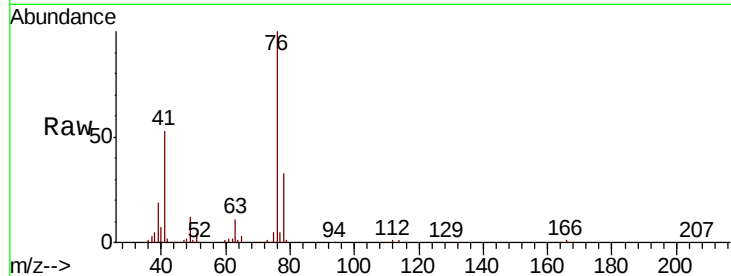
VSTDCCC050EC

Tot Ion: 76 Resp: 234063

Ion Ratio Lower Upper

76 100

78 32.7 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 220.084 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN056271.D

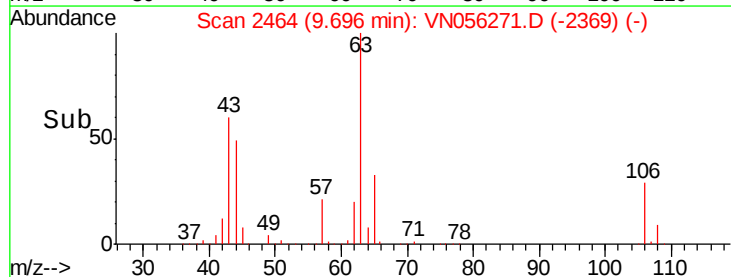
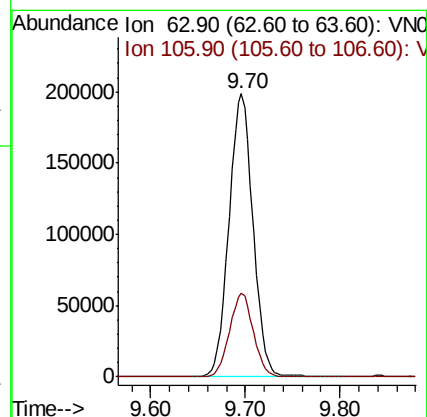
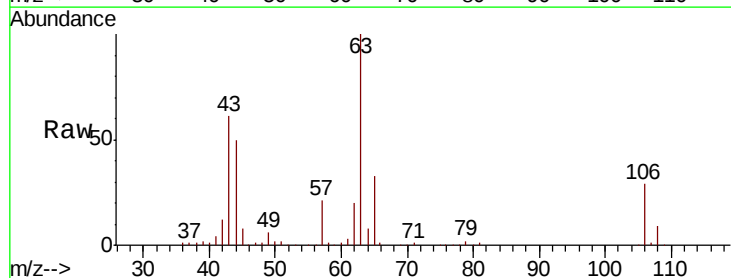
Acq: 13 Jun 2019 00:10

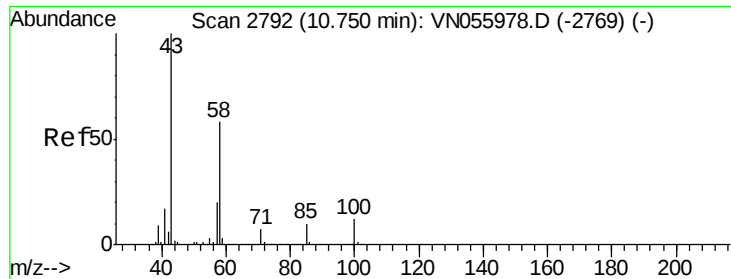
Tgt Ion: 63 Resp: 350844

Ion Ratio Lower Upper

63 100

106 29.3 22.7 34.1

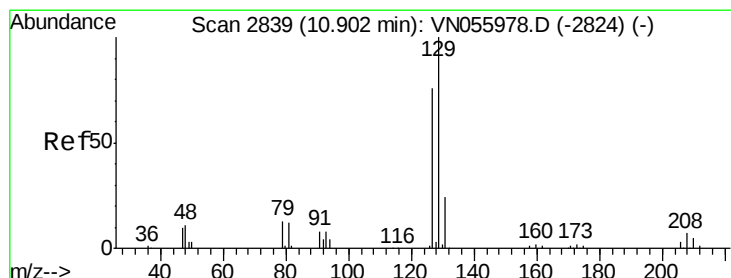
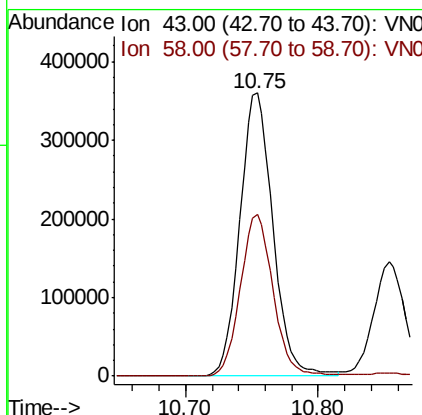
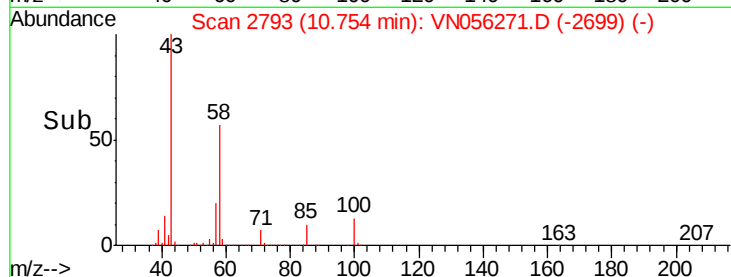
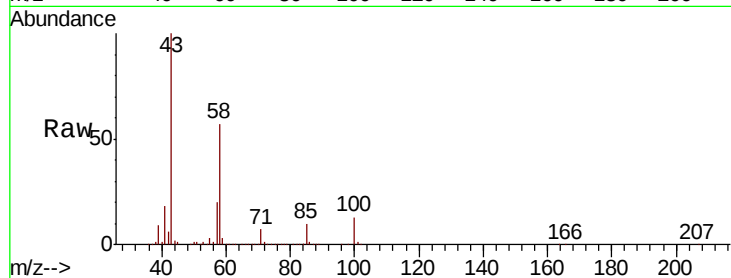




#59
2-Hexanone
Concen: 256.399 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN056271.D
Acq: 13 Jun 2019 00:10

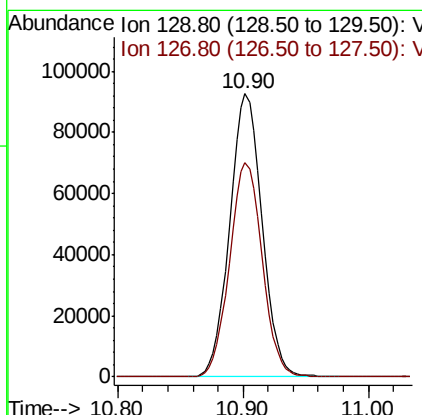
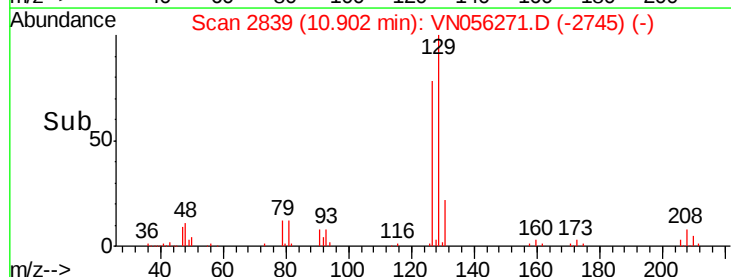
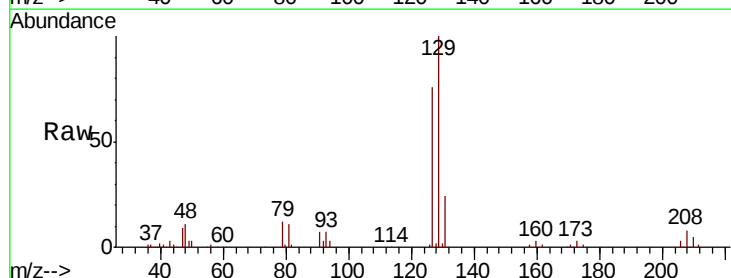
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 622175
Ion Ratio Lower Upper
43 100
58 56.9 28.2 84.7



#60
Dibromochloromethane
Concen: 53.899 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN056271.D
Acq: 13 Jun 2019 00:10

Tgt Ion: 129 Resp: 165868
Ion Ratio Lower Upper
129 100
127 76.4 38.1 114.3

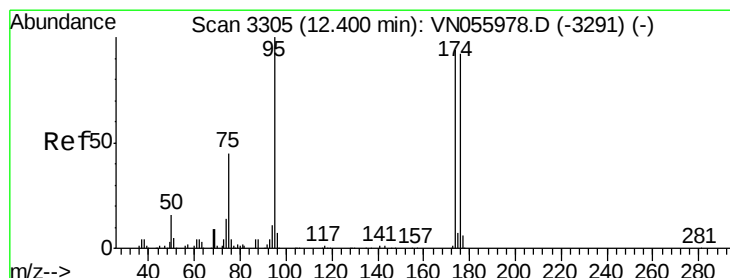
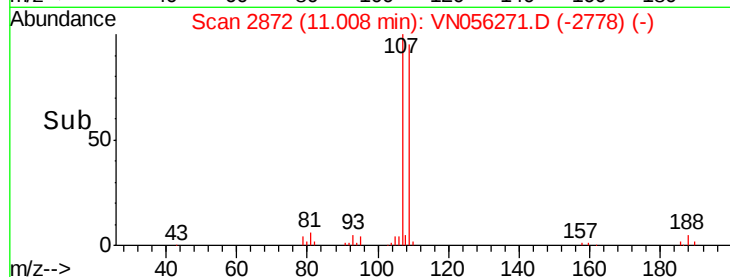
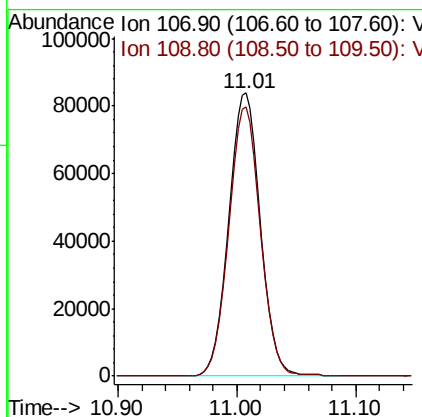
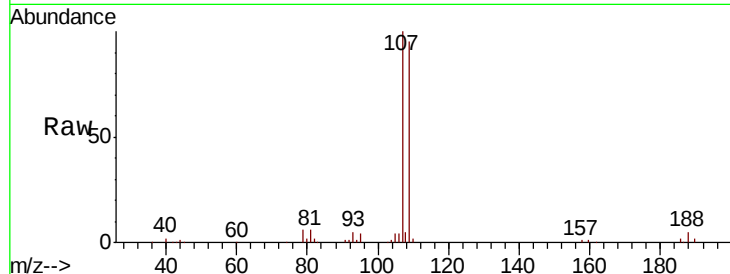




#61
 1,2-Dibromoethane
 Concen: 54.199 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: VN056271.D
 Acq: 13 Jun 2019 00:10

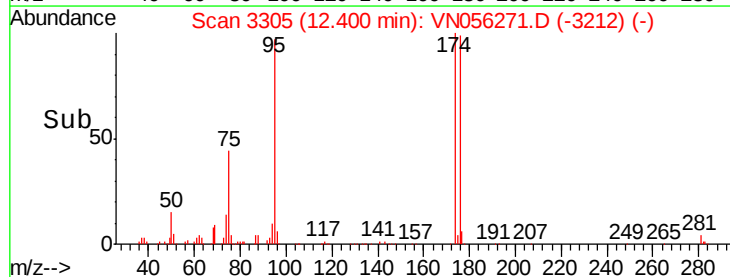
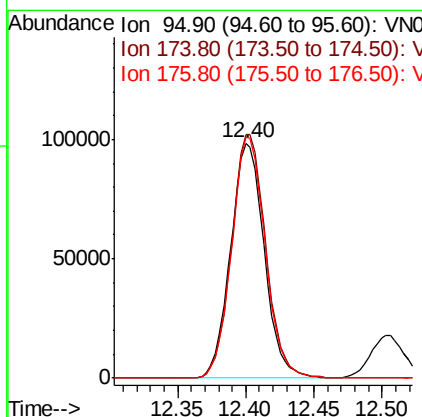
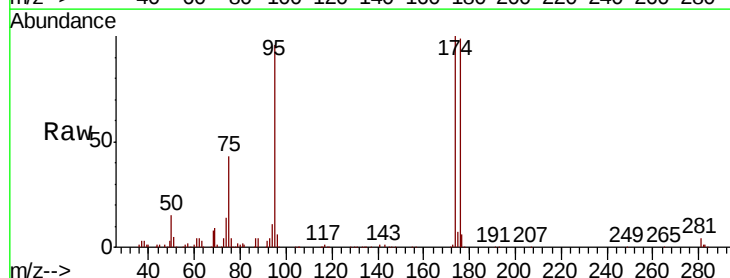
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

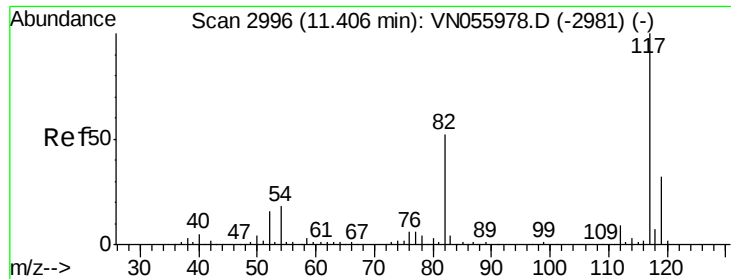
Tot Ion: 107 Resp: 154027
 Ion Ratio Lower Upper
 107 100
 109 95.2 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 48.682 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN056271.D
 Acq: 13 Jun 2019 00:10

Tgt Ion: 95 Resp: 168788
 Ion Ratio Lower Upper
 95 100
 174 104.8 0.0 191.0
 176 102.3 0.0 185.2

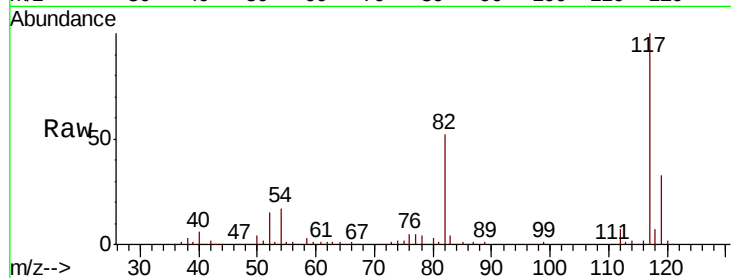




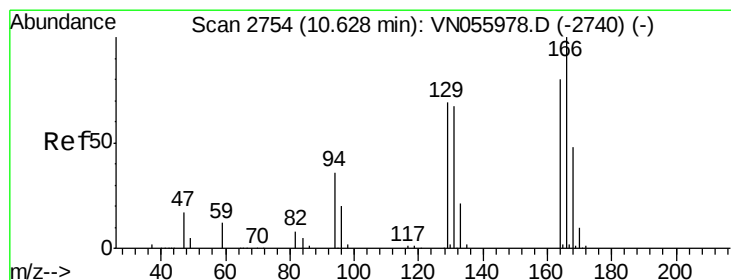
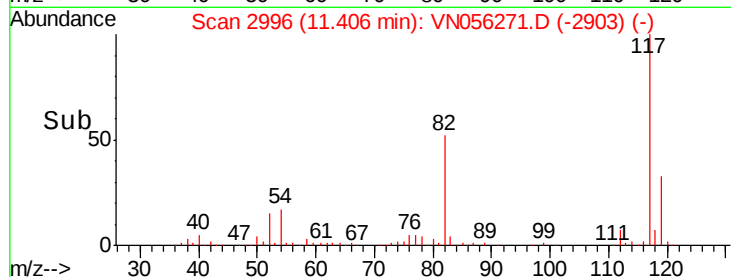
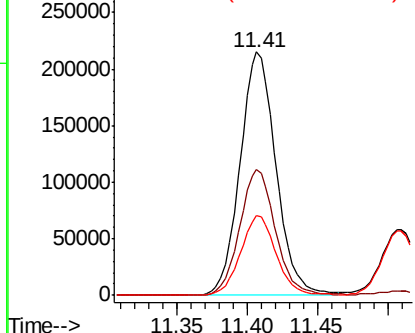
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056271.D
Acq: 13 Jun 2019 00:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 385063
Ion Ratio Lower Upper
117 100
82 51.8 41.8 62.8
119 32.6 25.4 38.0

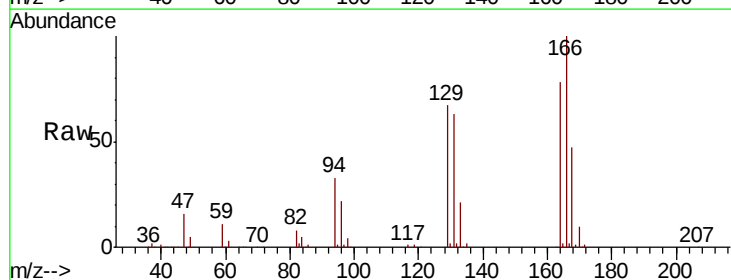


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

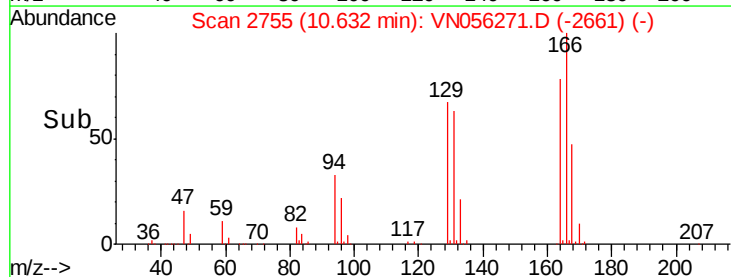
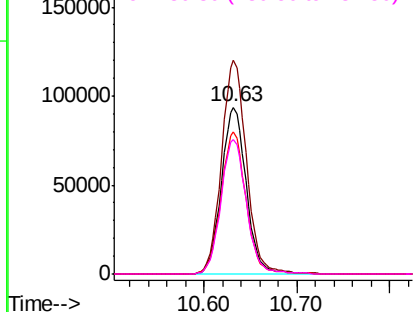


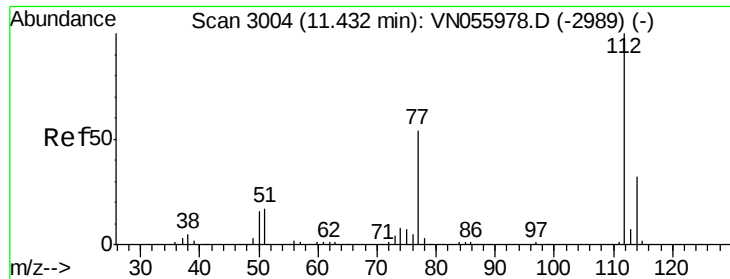
#64
Tetrachloroethene
Concen: 52.370 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN056271.D
Acq: 13 Jun 2019 00:10

Tgt Ion:164 Resp: 174557
Ion Ratio Lower Upper
164 100
166 128.0 103.0 154.6
129 85.2 70.6 105.8
131 80.8 68.6 102.8



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

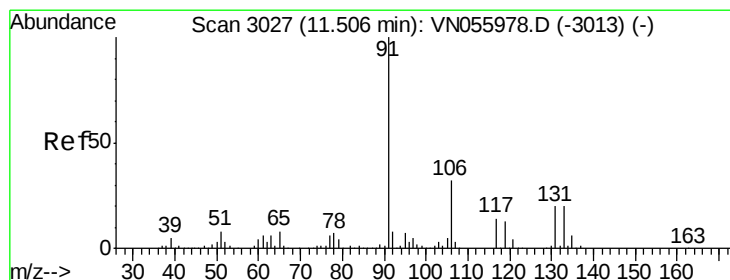
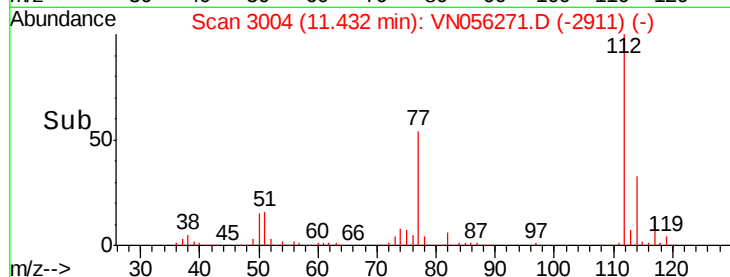
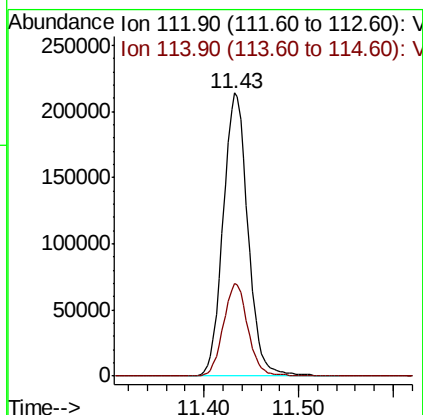
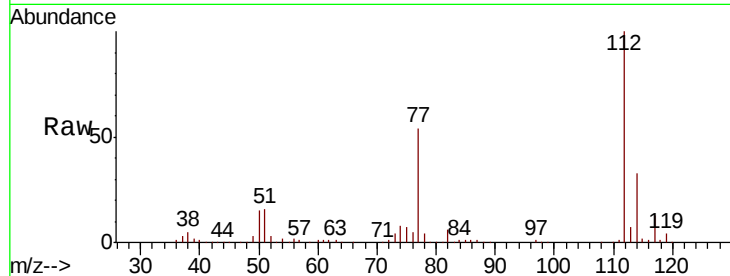




#65
Chlorobenzene
Concen: 50.937 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN056271.D
Acq: 13 Jun 2019 00:10

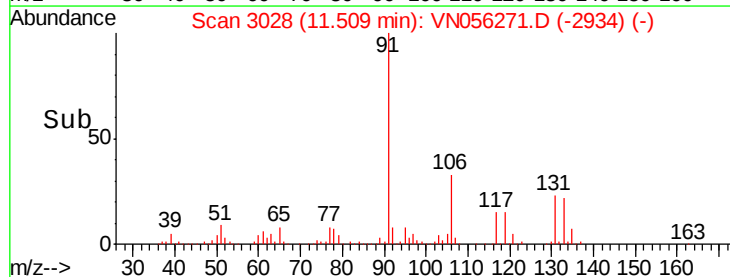
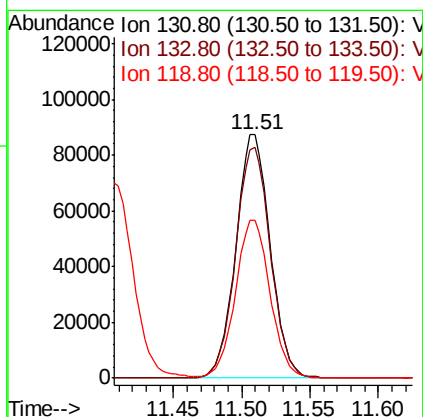
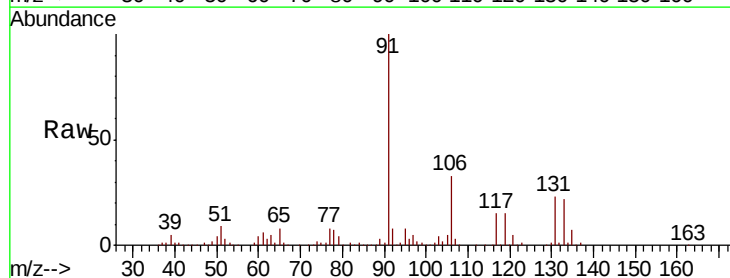
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

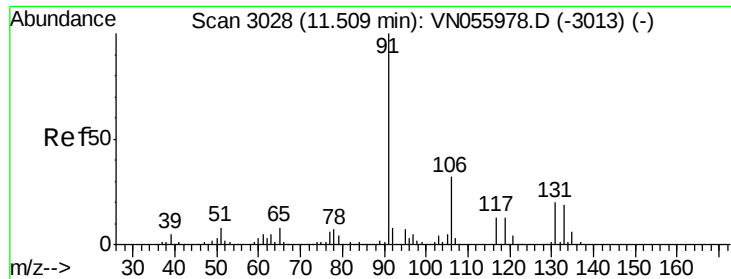
Tot Ion:112 Resp: 390360
Ion Ratio Lower Upper
112 100
114 32.6 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 57.704 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN056271.D
Acq: 13 Jun 2019 00:10

Tgt Ion:131 Resp: 152691
Ion Ratio Lower Upper
131 100
133 96.2 48.0 144.0
119 65.4 33.1 99.5

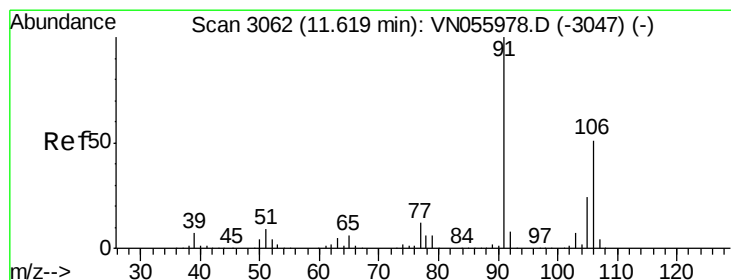
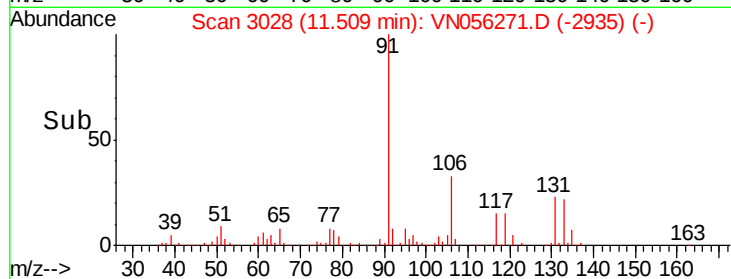
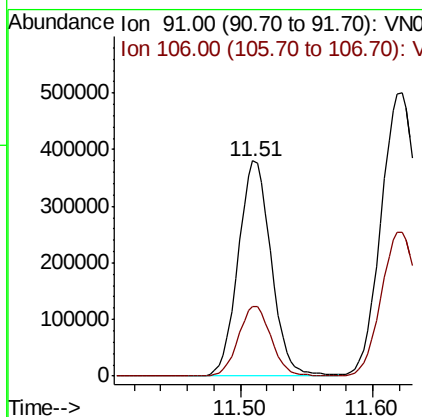
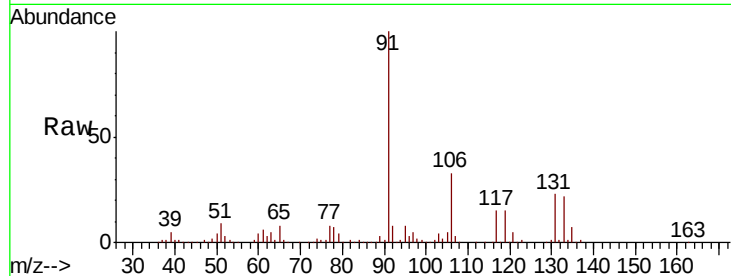




#67
Ethyl Benzene
Concen: 49.365 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN056271.D
Acq: 13 Jun 2019 00:10

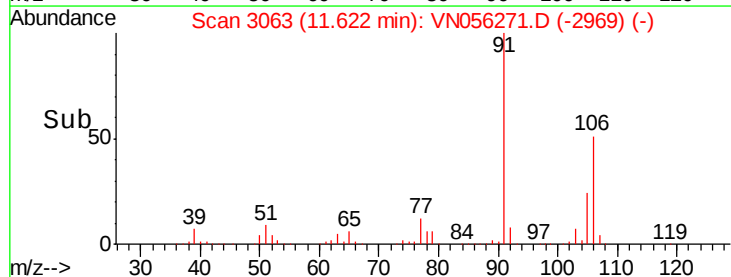
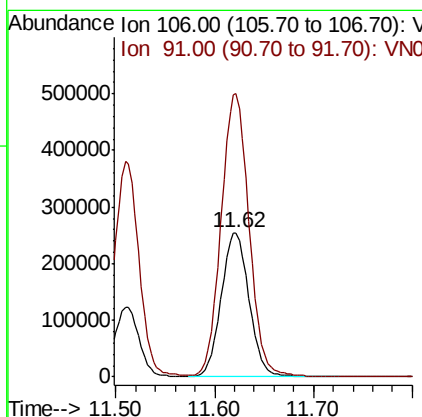
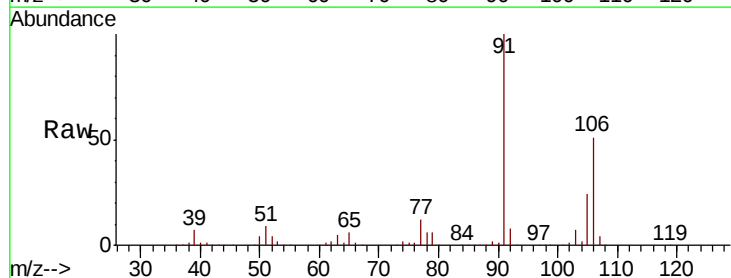
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

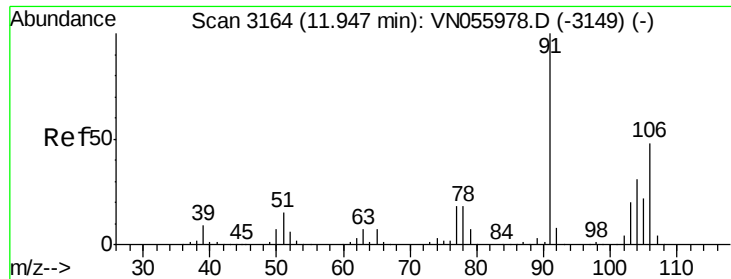
Tot Ion: 91 Resp: 657819
Ion Ratio Lower Upper
91 100
106 32.6 25.1 37.7



#68
m/p-Xylenes
Concen: 99.496 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN056271.D
Acq: 13 Jun 2019 00:10

Tgt Ion: 106 Resp: 506486
Ion Ratio Lower Upper
106 100
91 196.2 159.3 238.9

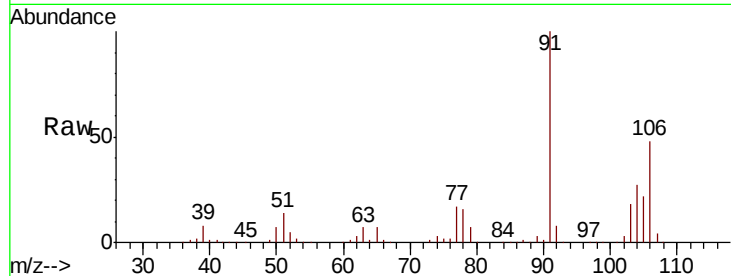




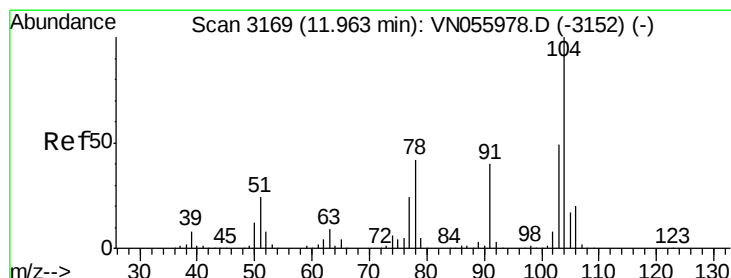
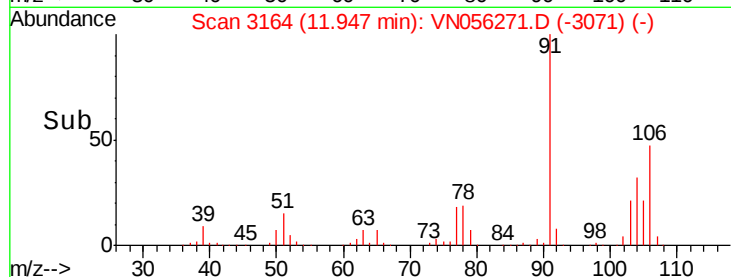
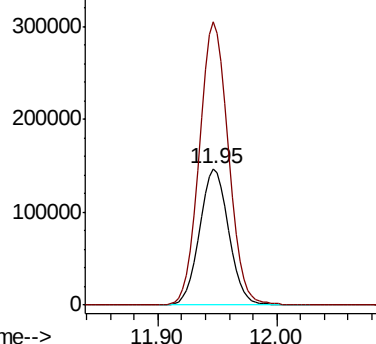
#69
o-Xylene
Concen: 49.786 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN056271.D
Acq: 13 Jun 2019 00:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 249296
Ion Ratio Lower Upper
106 100
91 207.3 104.7 314.1

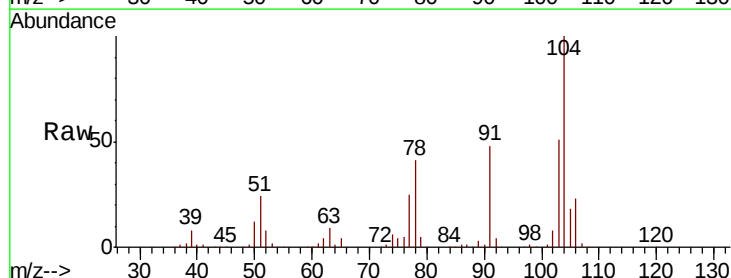


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

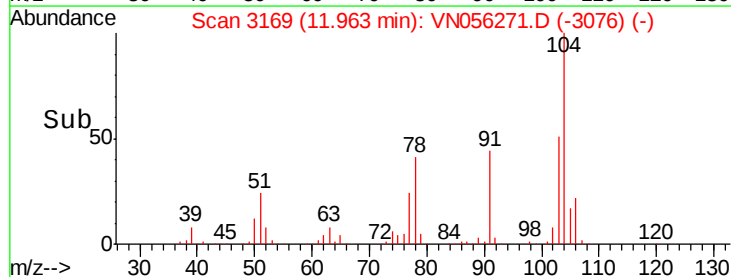
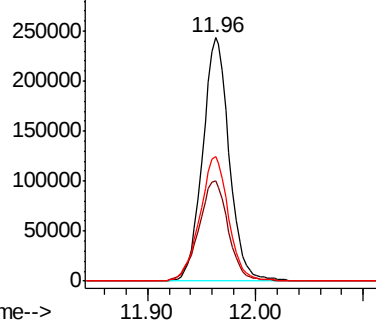


#70
Styrene
Concen: 52.669 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN056271.D
Acq: 13 Jun 2019 00:10

Tgt Ion:104 Resp: 419031
Ion Ratio Lower Upper
104 100
78 45.7 37.8 56.6
103 55.3 44.2 66.2



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V

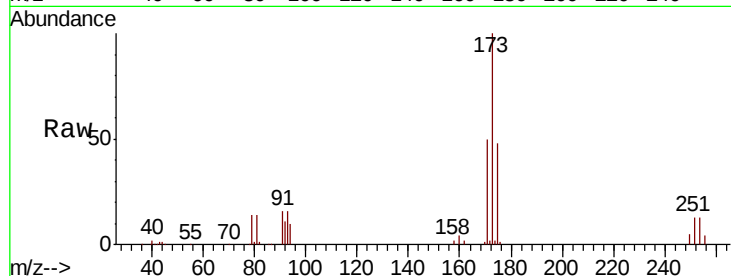




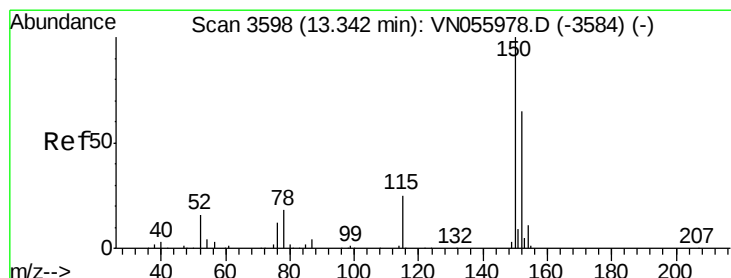
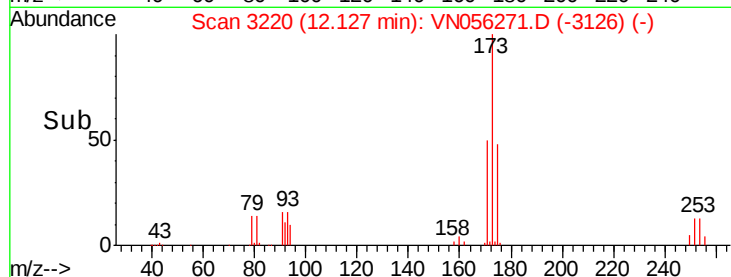
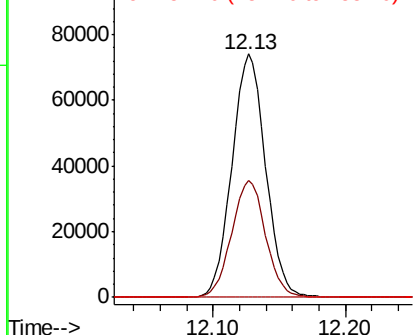
#71
Bromoform
Concen: 58.220 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN056271.D
Acq: 13 Jun 2019 00:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:173 Resp: 130399
Ion Ratio Lower Upper
173 100
175 48.3 24.3 72.8
254 0.0 0.0 0.0

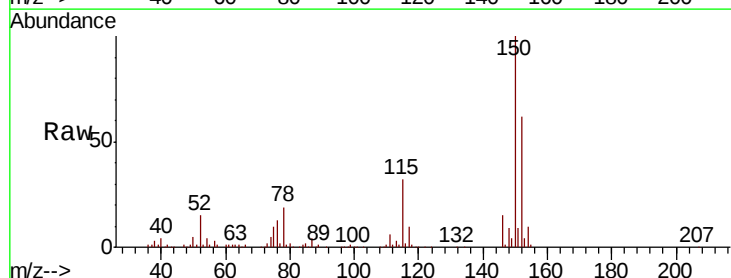


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

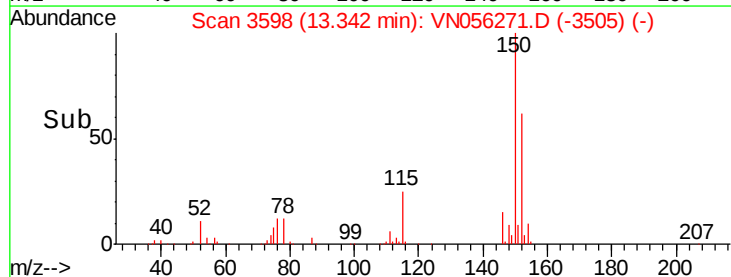
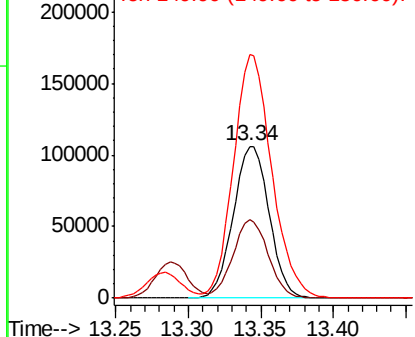


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN056271.D
Acq: 13 Jun 2019 00:10

Tgt Ion:152 Resp: 181984
Ion Ratio Lower Upper
152 100
115 50.8 27.0 81.0
150 171.6 0.0 343.2



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: 50.834 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN056271.D

Acq: 13 Jun 2019 00:10

Instrument :

MSVOA_N

ClientSampleId :

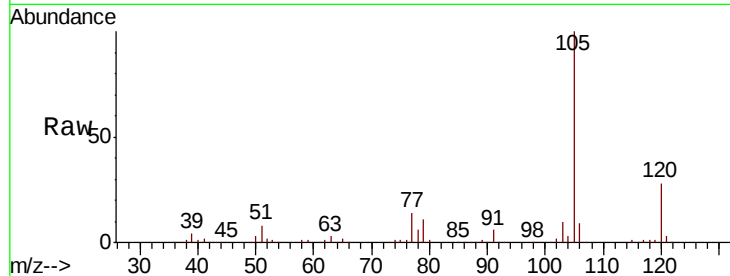
VSTDCCC050EC

Tot Ion:105 Resp: 658886

Ion Ratio Lower Upper

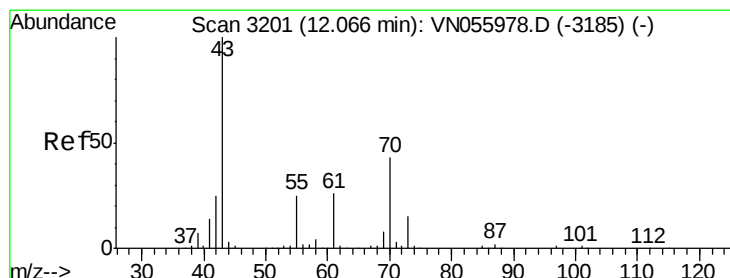
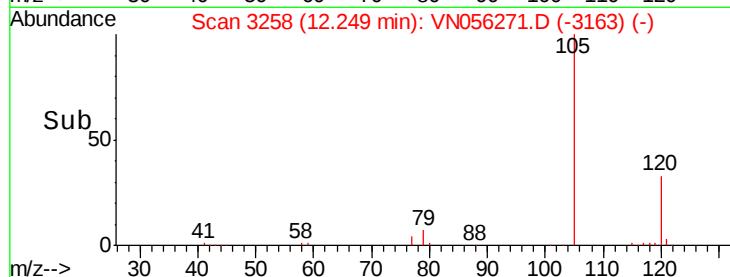
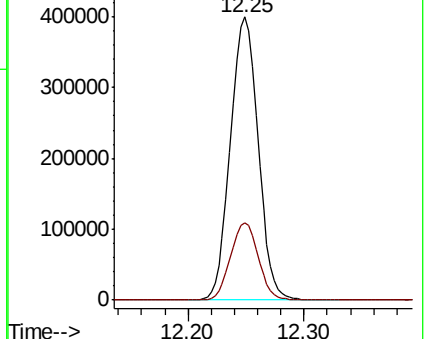
105 100

120 27.4 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 46.039 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN056271.D

Acq: 13 Jun 2019 00:10

Tgt Ion: 43 Resp: 223340

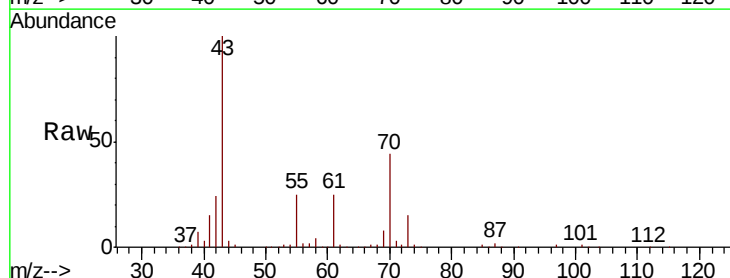
Ion Ratio Lower Upper

43 100

70 44.7 34.0 51.0

55 25.7 18.6 28.0

61 25.3 20.0 30.0

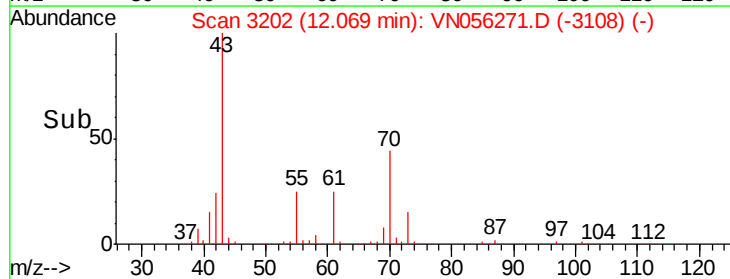
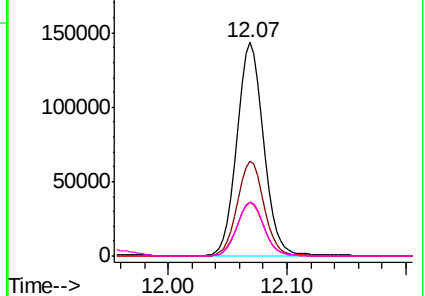


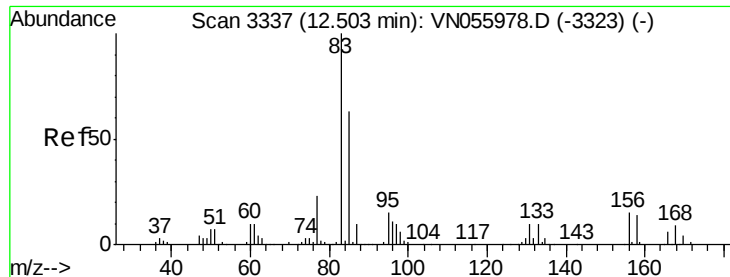
Abundance Ion 43.00 (42.70 to 43.70): V

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: 48.240 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN056271.D

Acq: 13 Jun 2019 00:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

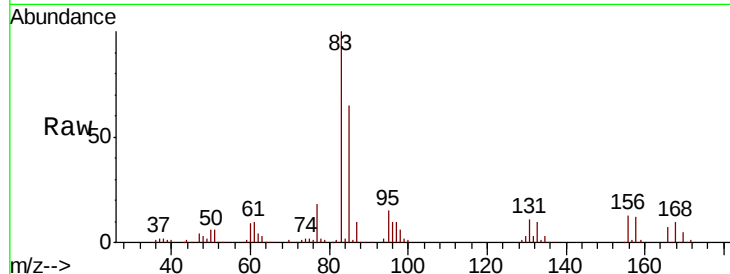
Tot Ion: 83 Resp: 203797

Ion Ratio Lower Upper

83 100

131 11.4 5.4 16.2

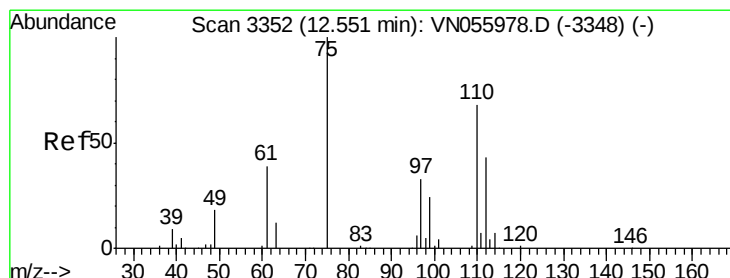
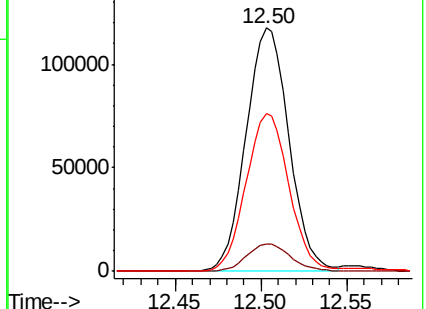
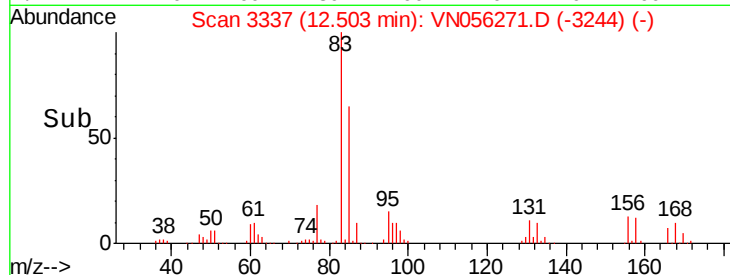
85 64.5 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN056271.D (-3244) (-)

Ion 130.80 (130.50 to 131.50): VN056271.D (-3244) (-)

Ion 84.90 (84.60 to 85.60): VN056271.D (-3244) (-)



#76

1,2,3-Trichloropropane

Concen: 68.136 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN056271.D

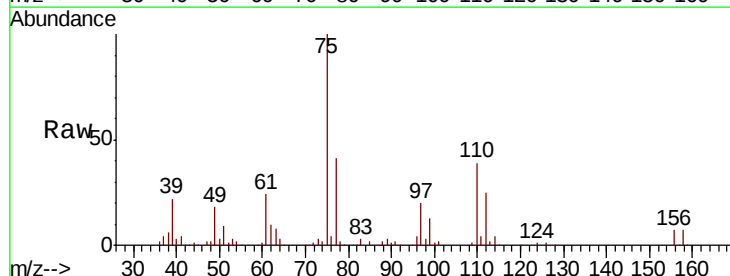
Acq: 13 Jun 2019 00:10

Tgt Ion: 75 Resp: 228158

Ion Ratio Lower Upper

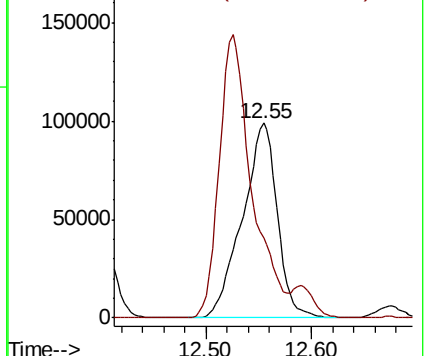
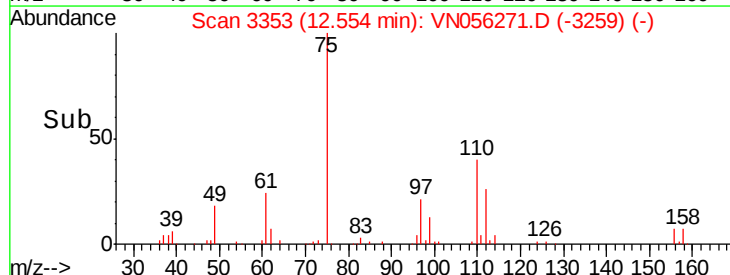
75 100

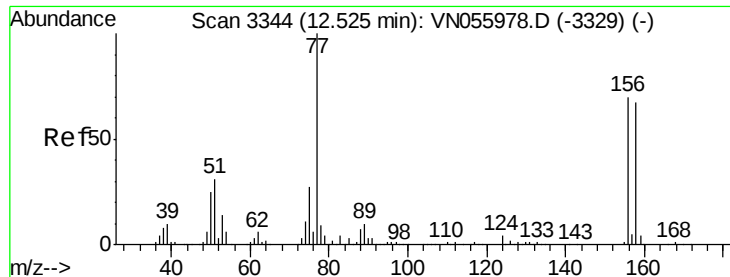
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN056271.D (-3259) (-)

Ion 77.00 (76.70 to 77.70): VN056271.D (-3259) (-)





#77

Bromobenzene

Concen: 48.377 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN056271.D

Acq: 13 Jun 2019 00:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

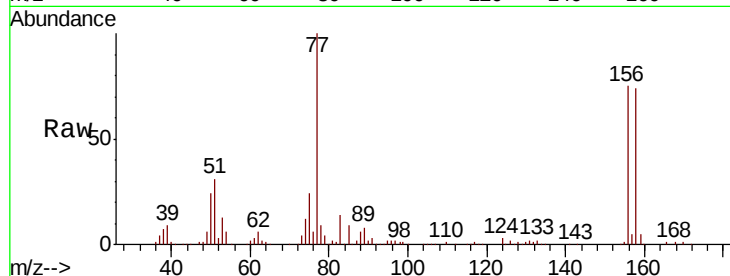
Tot Ion:156 Resp: 188487

Ion Ratio Lower Upper

156 100

77 163.3 90.8 272.5

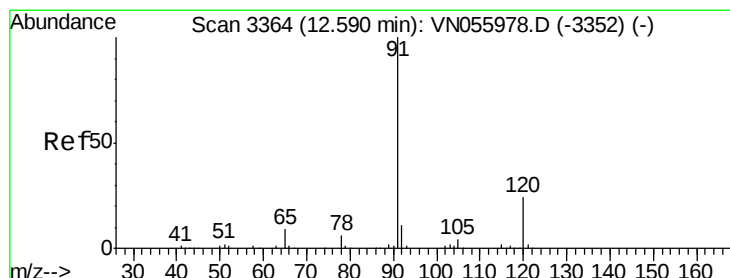
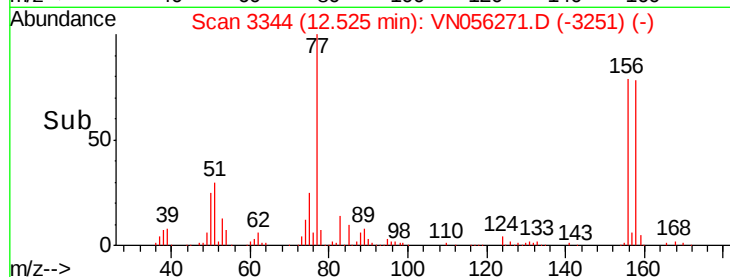
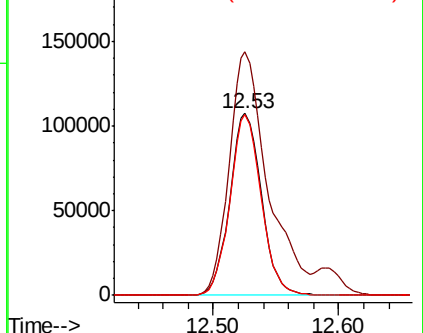
158 97.6 49.3 147.8



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: 44.990 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN056271.D

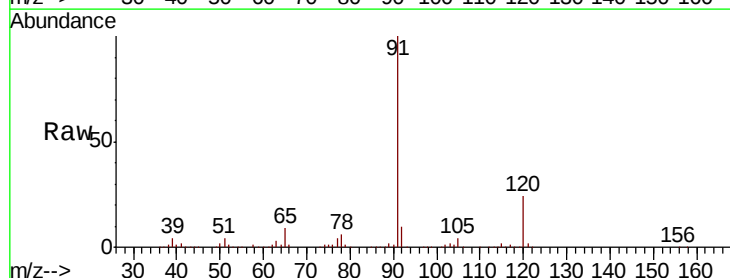
Acq: 13 Jun 2019 00:10

Tgt Ion: 91 Resp: 692659

Ion Ratio Lower Upper

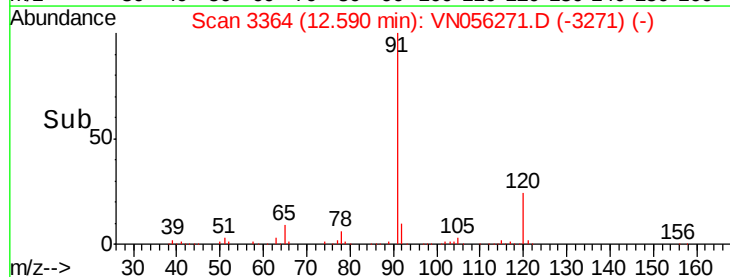
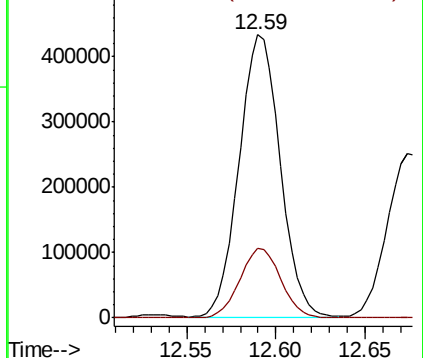
91 100

120 24.8 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.698 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN056271.D

Acq: 13 Jun 2019 00:10

Instrument :

MSVOA_N

ClientSampleId :

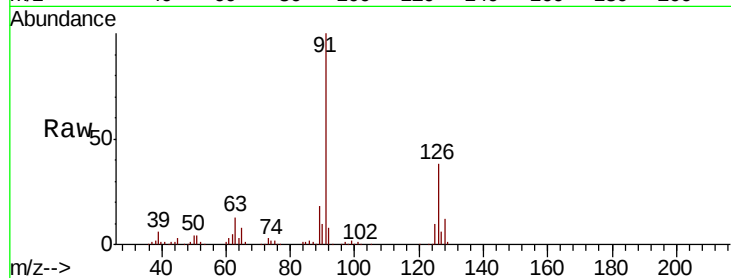
VSTDCCC050EC

Tot Ion: 91 Resp: 424521

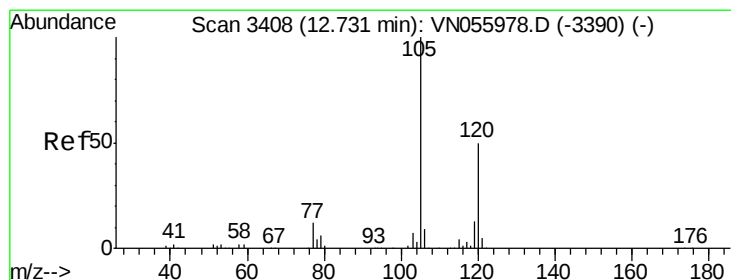
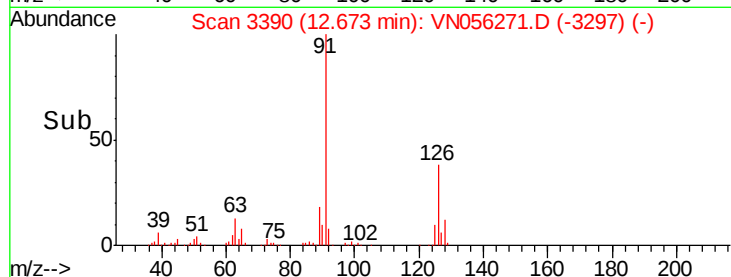
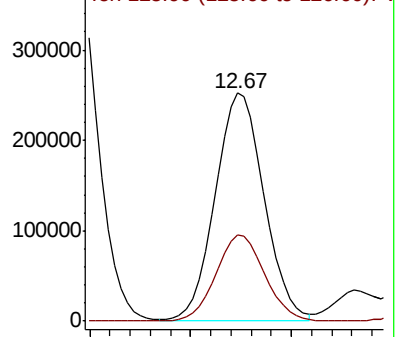
Ion Ratio Lower Upper

91 100

126 38.1 18.1 54.4



Abundance Ion 91.00 (90.70 to 91.70): VN055978.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: 44.192 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN056271.D

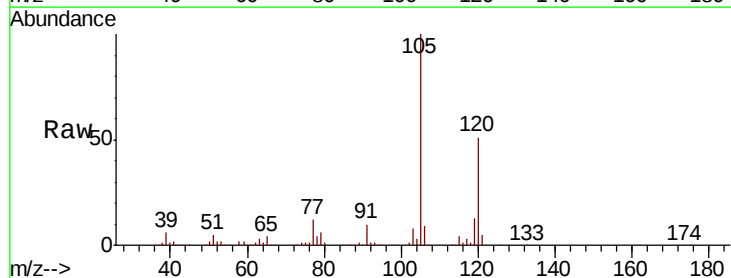
Acq: 13 Jun 2019 00:10

Tgt Ion: 105 Resp: 540723

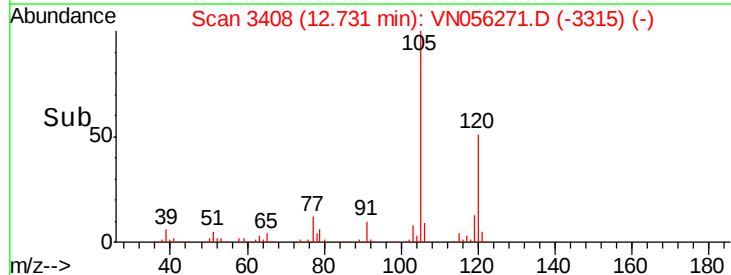
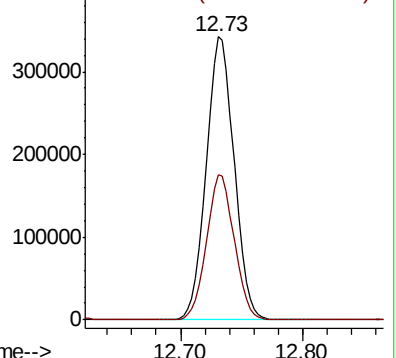
Ion Ratio Lower Upper

105 100

120 50.9 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): VN055978.D (-3390) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 45.932 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN056271.D

Acq: 13 Jun 2019 00:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

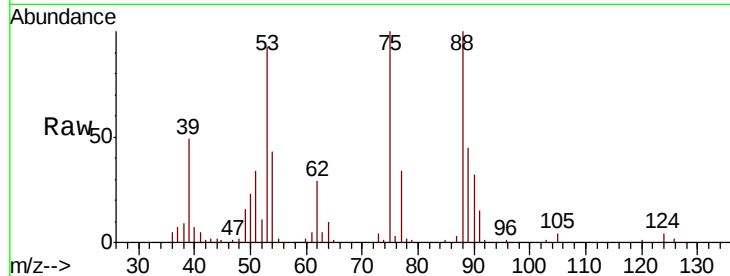
Tot Ion: 75 Resp: 46186

Ion Ratio Lower Upper

75 100

53 96.4 68.1 102.1

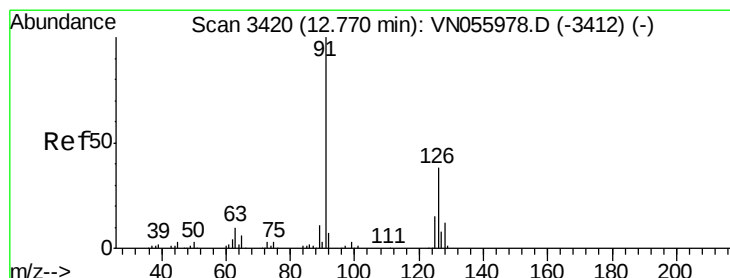
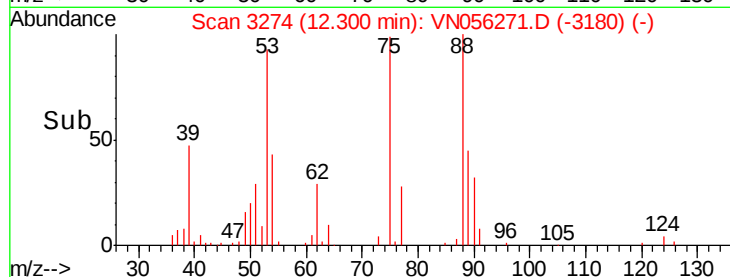
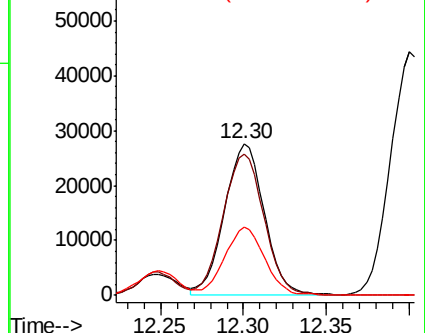
89 45.2 36.9 55.3



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 45.466 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN056271.D

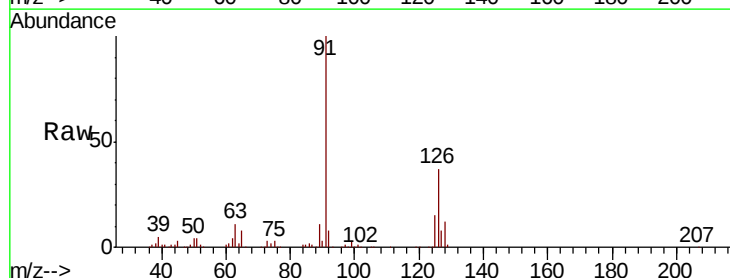
Acq: 13 Jun 2019 00:10

Tgt Ion: 91 Resp: 409522

Ion Ratio Lower Upper

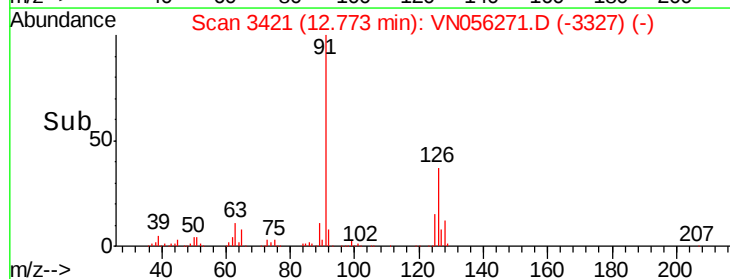
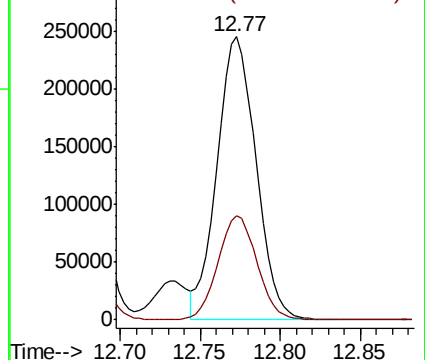
91 100

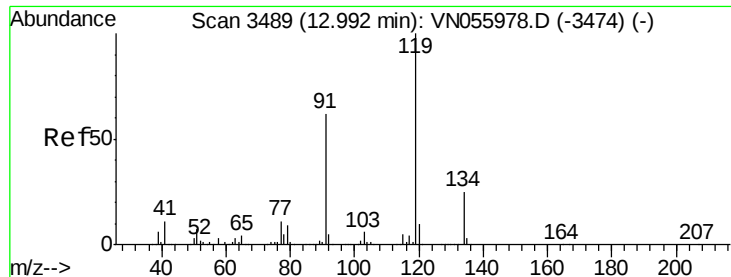
126 36.8 17.8 53.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

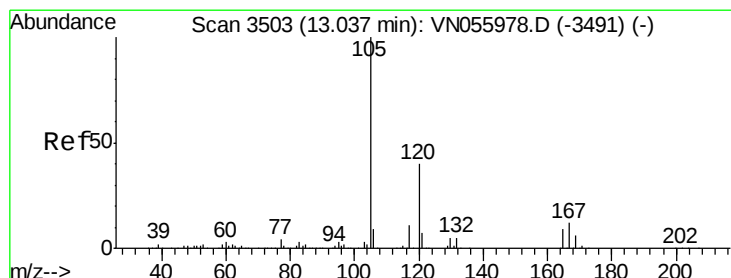
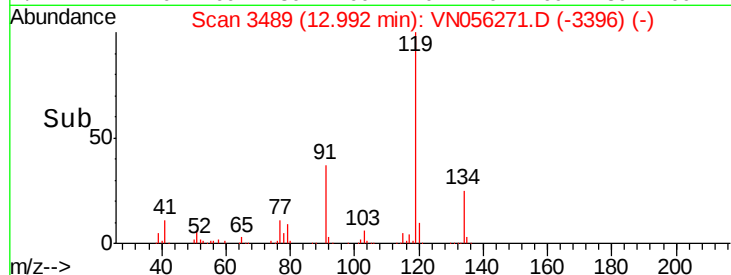
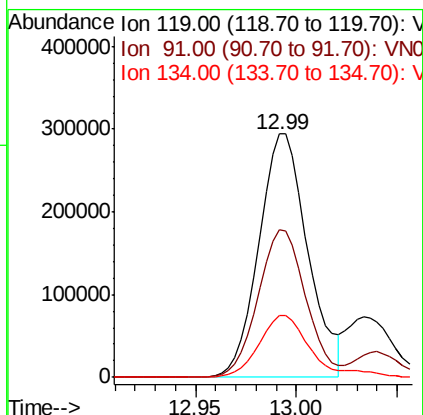
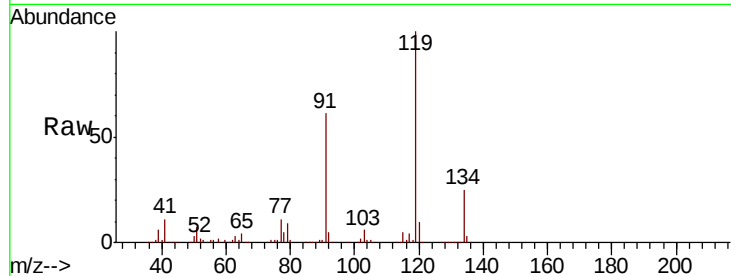




#83
 tert-Butylbenzene
 Concen: 52.521 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN056271.D
 Acq: 13 Jun 2019 00:10

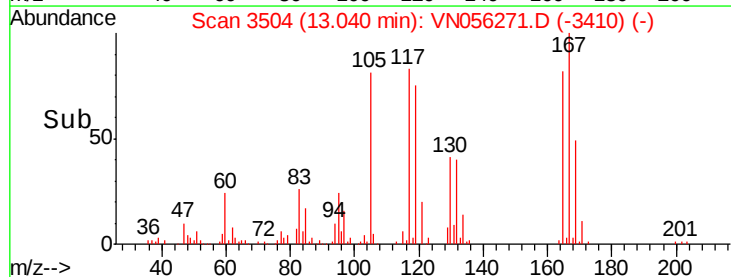
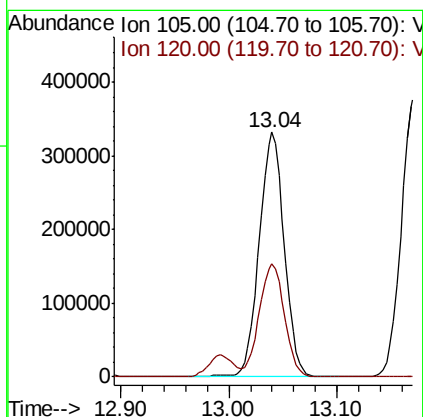
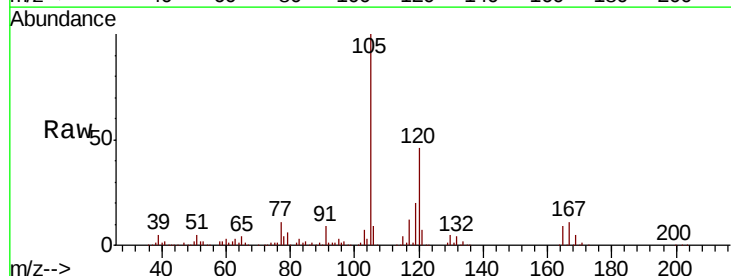
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

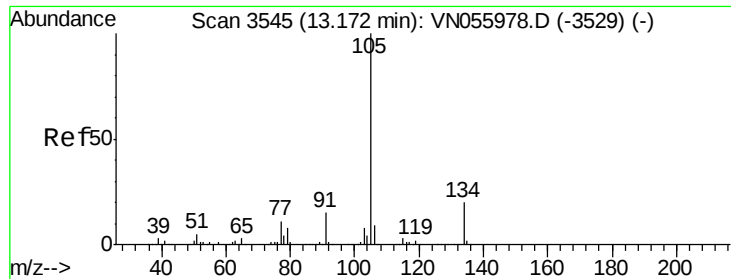
Tot Ion:119 Resp: 497315
 Ion Ratio Lower Upper
 119 100
 91 59.0 30.9 92.8
 134 27.0 13.3 39.8



#84
 1,2,4-Trimethylbenzene
 Concen: 45.867 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN056271.D
 Acq: 13 Jun 2019 00:10

Tgt Ion:105 Resp: 532207
 Ion Ratio Lower Upper
 105 100
 120 46.8 23.0 69.0

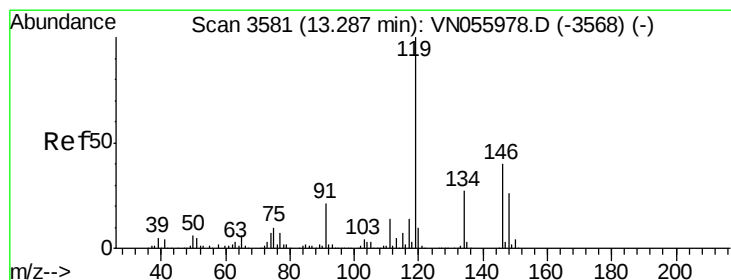
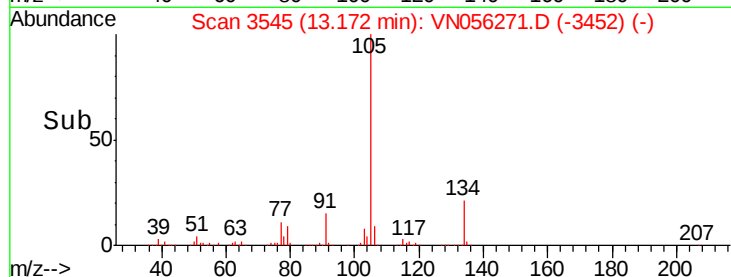
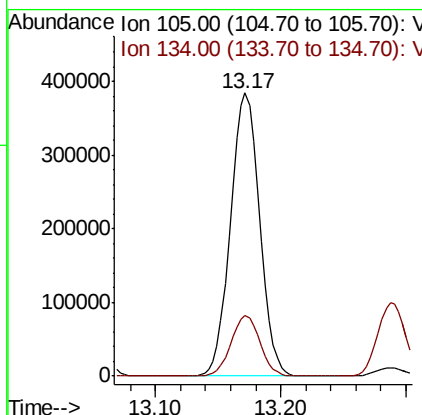
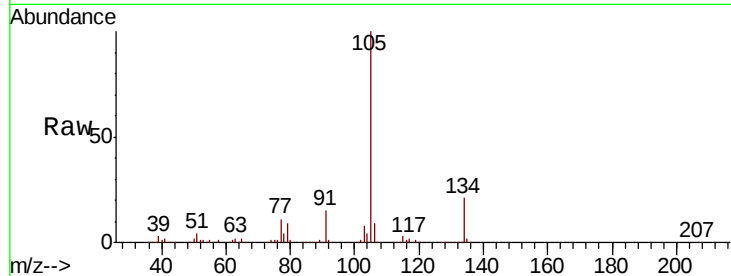




#85
 sec-Butylbenzene
 Concen: 45.376 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN056271.D
 Acq: 13 Jun 2019 00:10

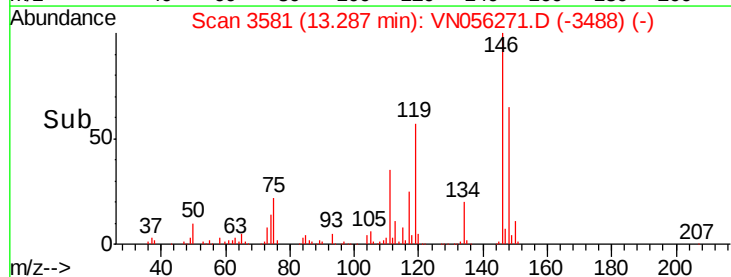
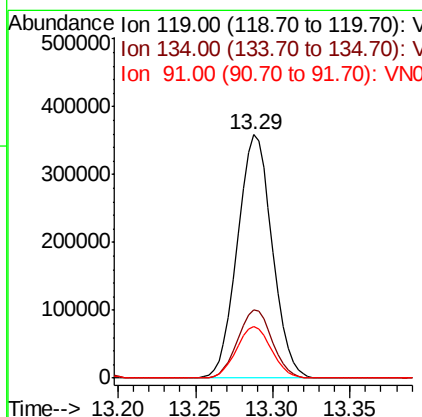
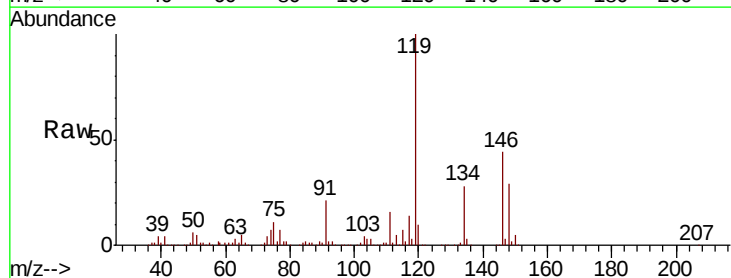
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

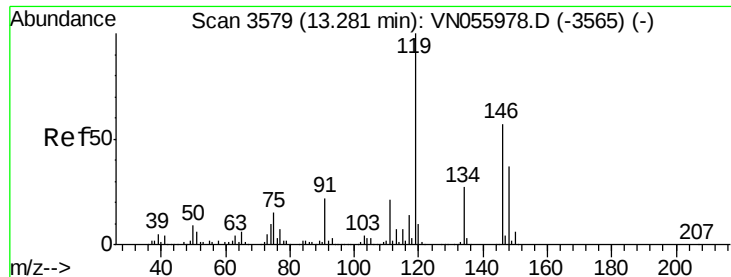
Tot Ion:105 Resp: 618675
 Ion Ratio Lower Upper
 105 100
 134 21.3 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 45.787 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN056271.D
 Acq: 13 Jun 2019 00:10

Tgt Ion:119 Resp: 558708
 Ion Ratio Lower Upper
 119 100
 134 27.9 13.4 40.1
 91 21.4 10.9 32.9

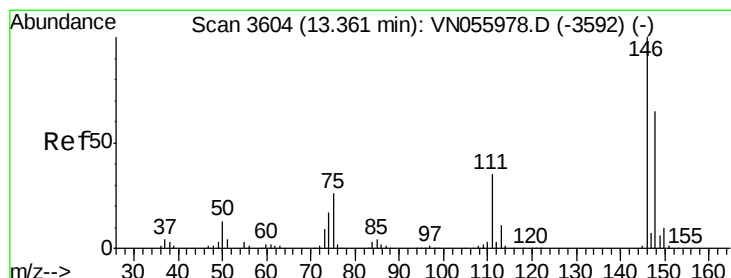
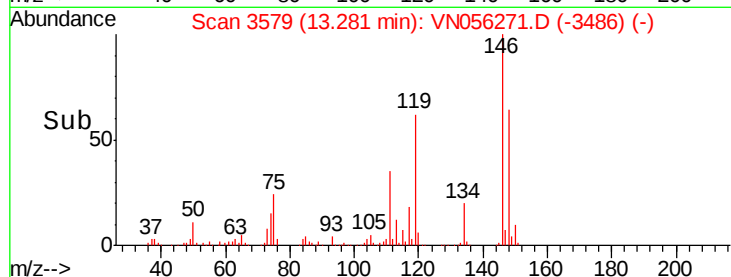
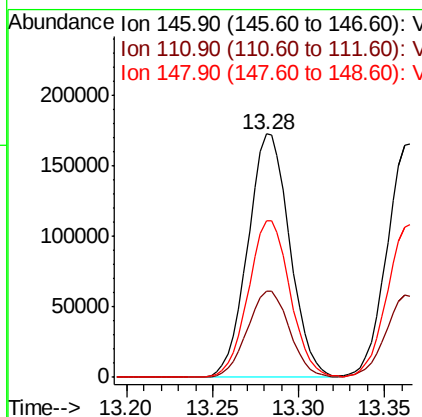
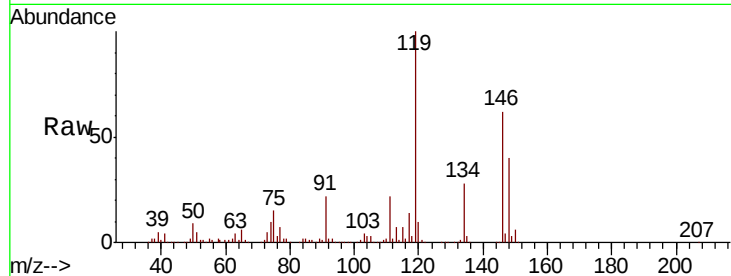




#87
 1,3-Dichlorobenzene
 Concen: 48.505 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN056271.D
 Acq: 13 Jun 2019 00:10

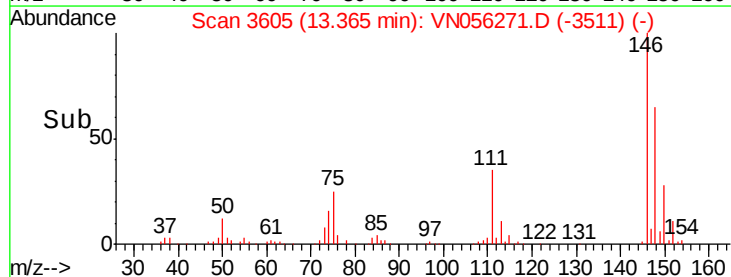
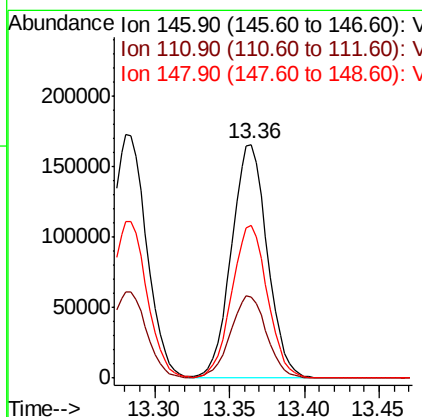
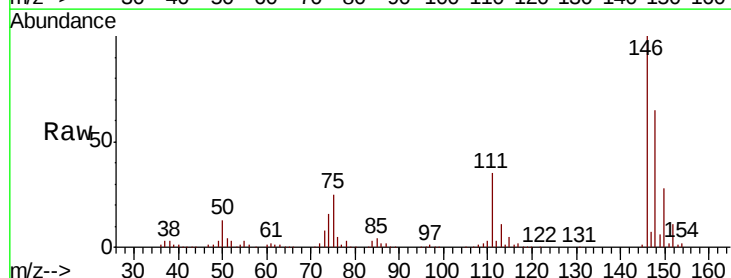
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

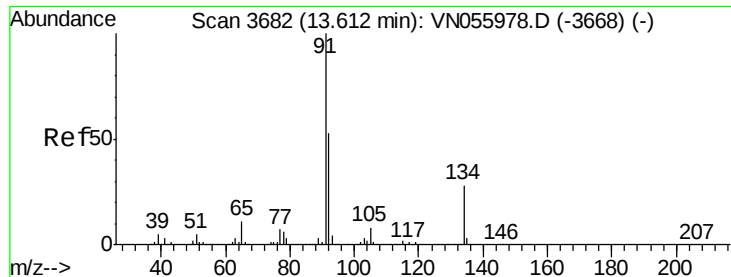
Tot Ion:146 Resp: 292495
 Ion Ratio Lower Upper
 146 100
 111 35.6 18.5 55.5
 148 64.3 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 47.830 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN056271.D
 Acq: 13 Jun 2019 00:10

Tgt Ion:146 Resp: 277452
 Ion Ratio Lower Upper
 146 100
 111 35.3 18.1 54.4
 148 65.2 32.1 96.5

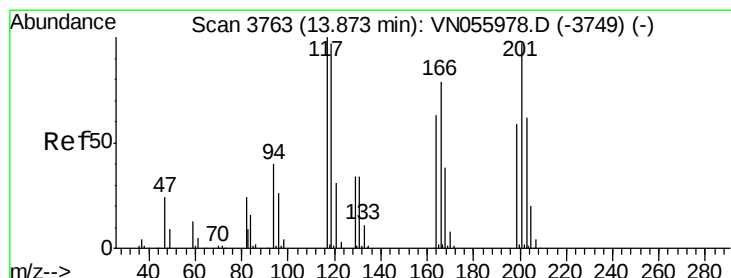
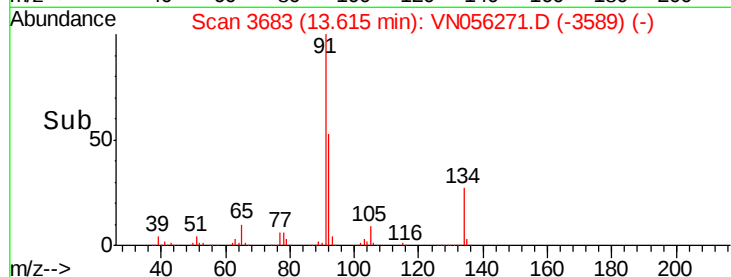
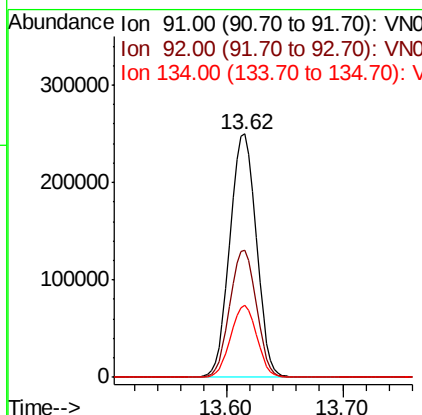
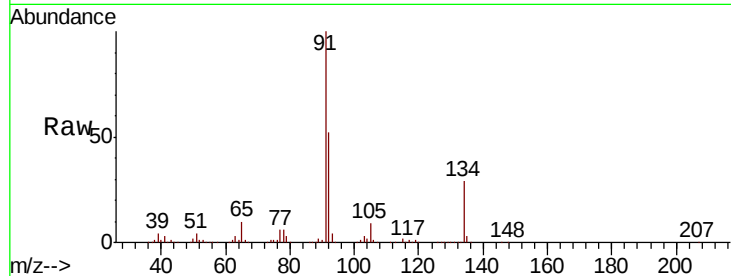




#89
n-Butylbenzene
Concen: 43.538 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN056271.D
Acq: 13 Jun 2019 00:10

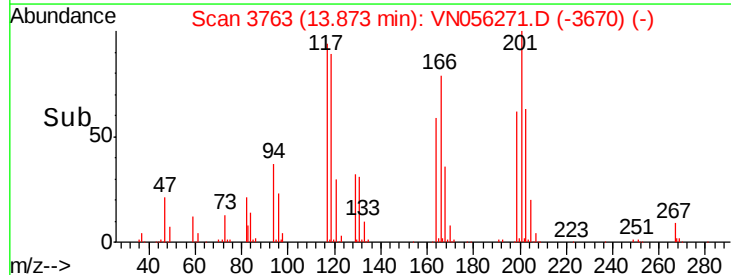
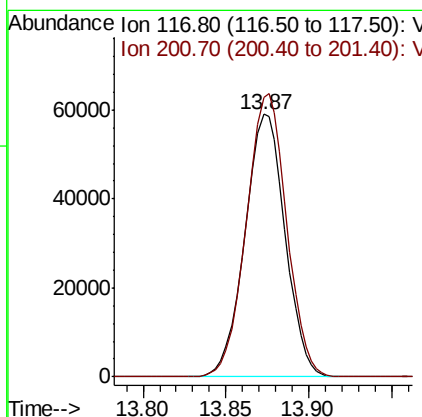
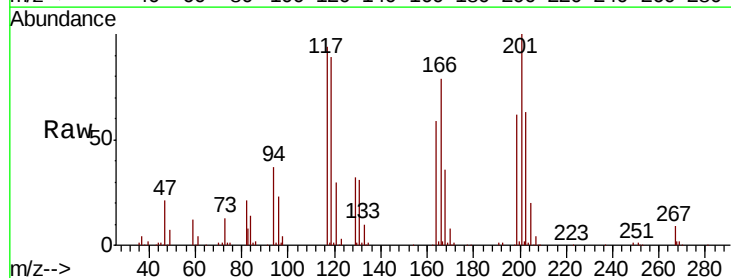
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

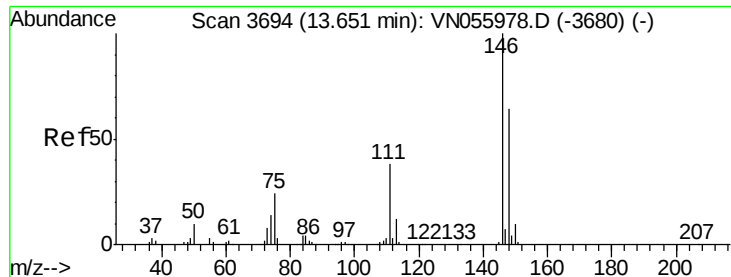
Tot Ion: 91 Resp: 393552
Ion Ratio Lower Upper
91 100
92 52.5 26.4 79.0
134 29.1 13.9 41.7



#90
Hexachloroethane
Concen: 53.917 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN056271.D
Acq: 13 Jun 2019 00:10

Tgt Ion: 117 Resp: 99218
Ion Ratio Lower Upper
117 100
201 108.2 50.0 150.0

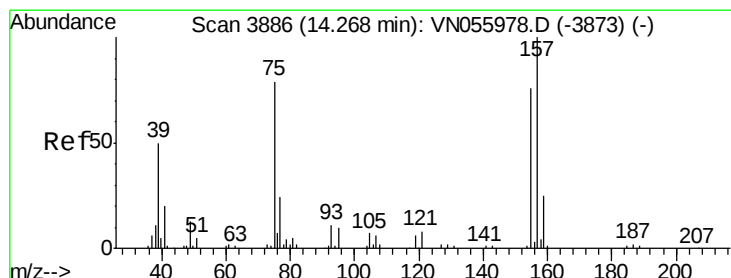
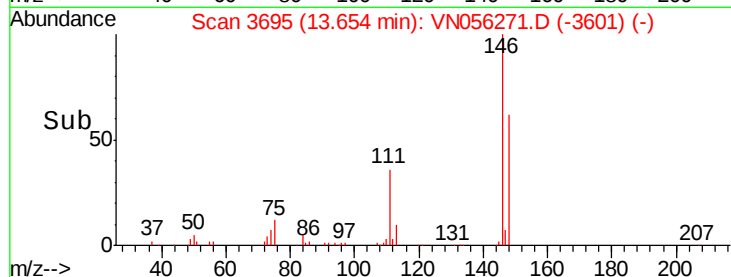
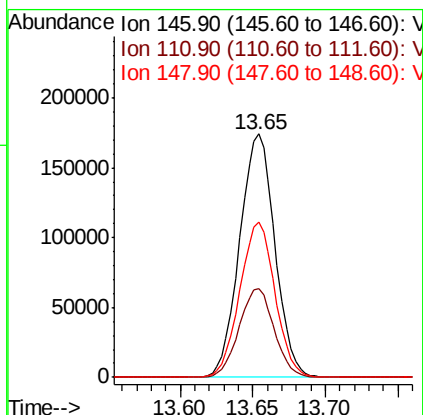
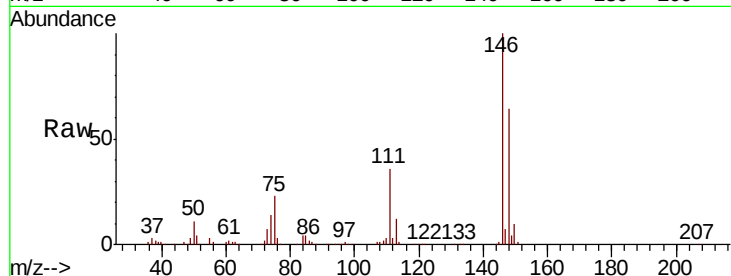




#91
 1,2-Dichlorobenzene
 Concen: 48.326 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN056271.D
 Acq: 13 Jun 2019 00:10

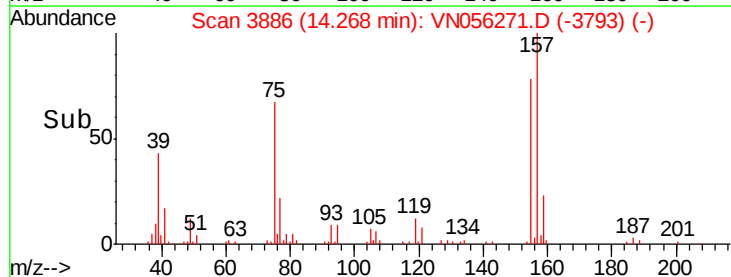
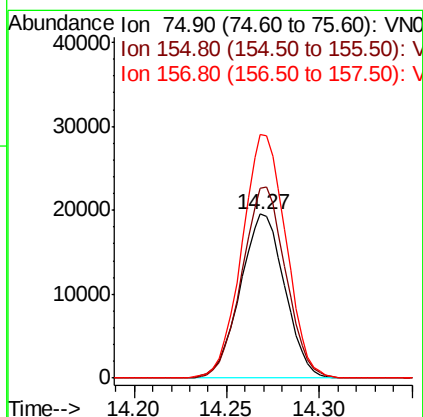
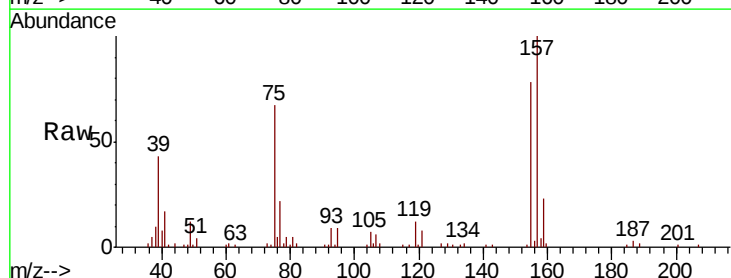
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

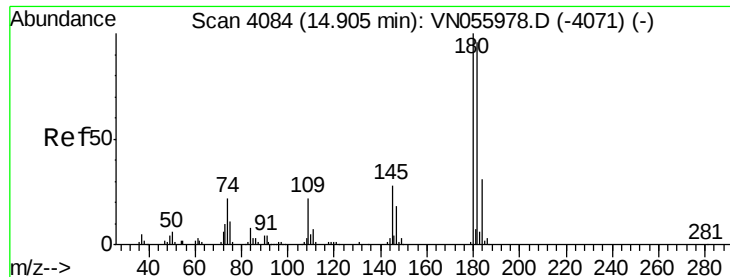
Tot Ion:146 Resp: 294221
 Ion Ratio Lower Upper
 146 100
 111 36.5 19.1 57.5
 148 63.7 31.9 95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.863 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN056271.D
 Acq: 13 Jun 2019 00:10

Tgt Ion: 75 Resp: 32547
 Ion Ratio Lower Upper
 75 100
 155 114.6 50.0 150.1
 157 146.9 64.8 194.3

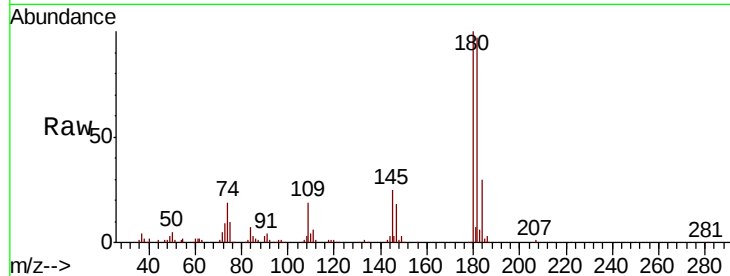




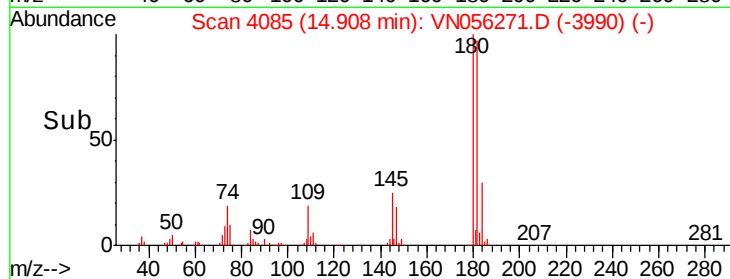
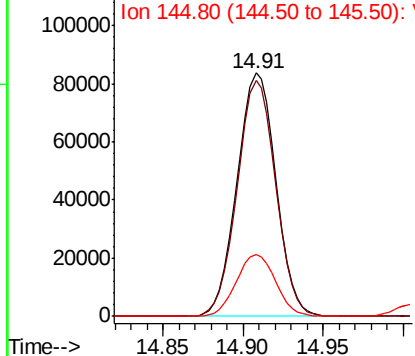
#93
 1,2,4-Trichlorobenzene
 Concen: 41.955 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056271.D
 Acq: 13 Jun 2019 00:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:180 Resp: 138240
 Ion Ratio Lower Upper
 180 100
 182 95.9 48.3 144.9
 145 25.7 14.0 41.9

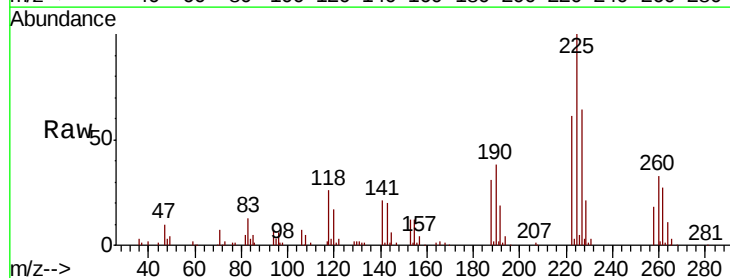


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

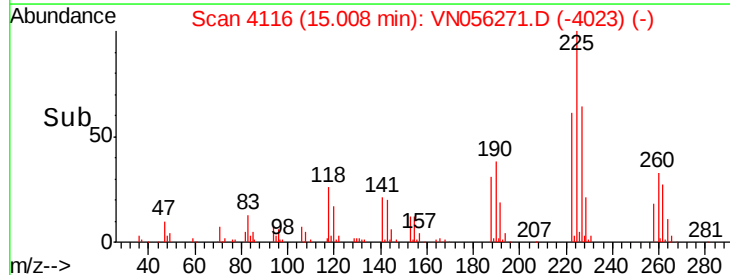
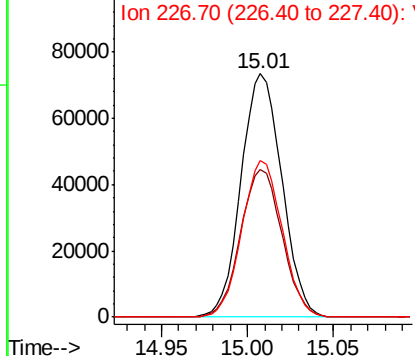


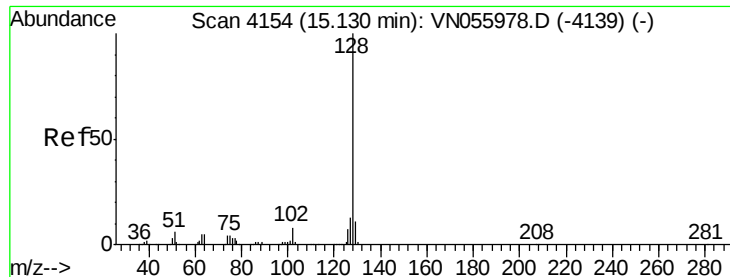
#94
 Hexachlorobutadiene
 Concen: 58.491 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN056271.D
 Acq: 13 Jun 2019 00:10

Tgt Ion:225 Resp: 121397
 Ion Ratio Lower Upper
 225 100
 223 61.7 30.9 92.7
 227 63.6 31.6 94.7



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





#95

Naphthalene

Concen: 40.853 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN056271.D

Acq: 13 Jun 2019 00:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

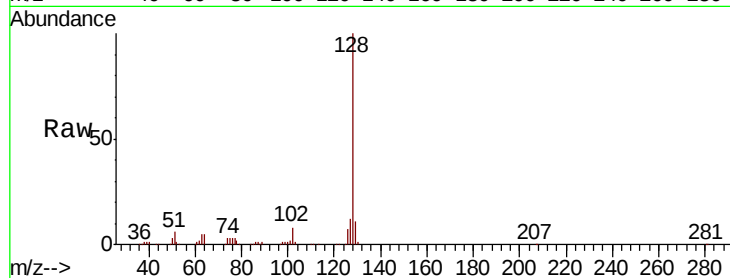
Tot Ion:128 Resp: 348958

Ion Ratio Lower Upper

128 100

127 12.5 10.3 15.5

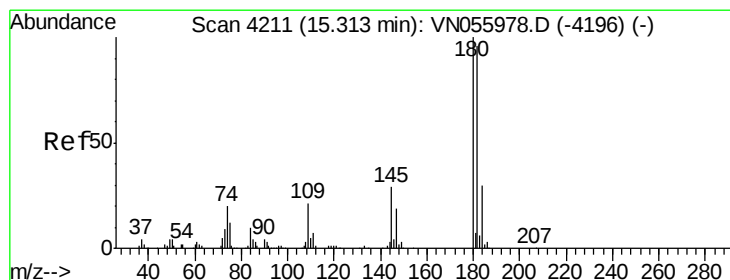
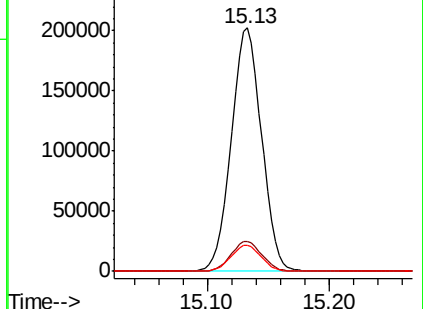
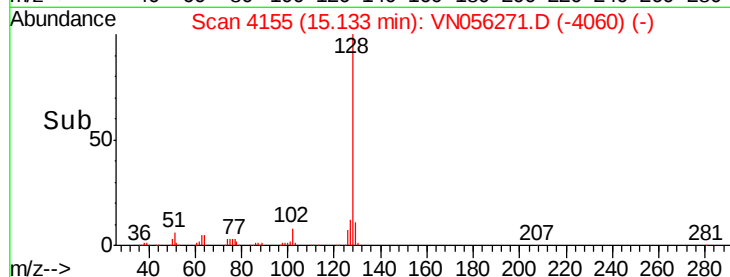
129 10.7 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 45.715 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN056271.D

Acq: 13 Jun 2019 00:10

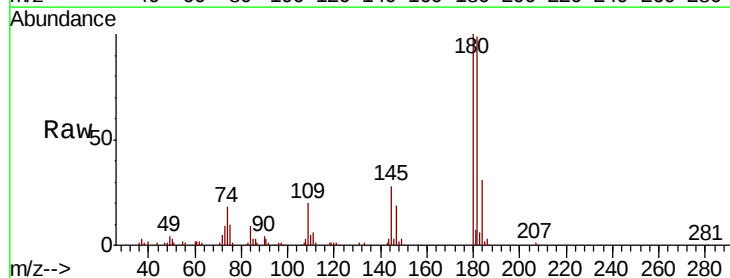
Tgt Ion:180 Resp: 155361

Ion Ratio Lower Upper

180 100

182 98.4 47.9 143.7

145 27.9 14.9 44.7



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

