

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110719\
 Data File : VN059127.D
 Acq On : 7 Nov 2019 17:22
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Quant Time: Nov 08 01:11:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N101119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 11 04:26:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.17	128	72262	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.57	114	405319	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.40	117	368243	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.01	65	173412	28.27	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	94.23%
60) 4-Bromofluorobenzene	12.40	95	185232	28.76	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	95.87%
63) Toluene-d8	10.08	98	519662	29.89	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.63%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.83	85	78994	20.176	ug/l 100
3) Chloromethane	2.04	50	107387	20.533	ug/l 99
4) Vinyl Chloride	2.17	62	111414	20.612	ug/l 96
5) Bromomethane	2.53	94	43947	13.168	ug/l 98
6) Chloroethane	2.68	64	67387	19.834	ug/l 97
7) Trichlorofluoromethane	2.99	101	142373	21.400	ug/l 99
8) Diethyl Ether	3.39	74	58029	22.869	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	3.73	101	89238	23.181	ug/l 97
10) 1,1-Dichloroethene	3.71	96	82204	21.742	ug/l 95
11) Methyl Iodide	3.92	142	59537	11.307	ug/l 96
12) Methyl Acetate	4.30	43	139185	23.009	ug/l 96
13) Acrolein	3.58	56	73335	109.720	ug/l 99
14) Acrylonitrile	4.96	53	276603	116.048	ug/l 96
15) Acetone	3.79	58	85338	120.616	ug/l 79
16) Carbon Disulfide	4.02	76	236404	21.437	ug/l 99
17) Allyl chloride	4.29	41	163439	21.718	ug/l 89
18) Methylene Chloride	4.53	84	101391	22.145	ug/l 94
19) trans-1,2-Dichloroethene	5.01	96	89564	21.760	ug/l 86
20) Diisopropyl ether	5.92	45	337825	22.034	ug/l 93
21) 1,1-Dichloroethane	5.82	63	184414	21.721	ug/l 100
22) cis-1,2-Dichloroethene	6.81	96	103805	21.152	ug/l 98
23) tert-Butyl Alcohol	4.76	59	100711	103.301	ug/l # 100
24) Methyl tert-Butyl Ether	5.01	73	297609	21.099	ug/l 96
25) Chloroform	7.35	83	179922	21.248	ug/l 97
26) Cyclohexane	7.63	56	154412	20.721	ug/l # 97
29) 1,1-Dichloropropene	7.77	75	128976	20.215	ug/l 98
30) 2-Butanone	6.81	43	367928	102.046	ug/l 99
31) 2,2-Dichloropropane	6.80	77	152146	20.232	ug/l 99
32) 1,1,1-Trichloroethane	7.55	97	149006	20.192	ug/l 99
33) Carbon Tetrachloride	7.75	117	130069	20.363	ug/l 99
34) Benzene	8.02	78	403261	21.469	ug/l 97
35) Methacrylonitrile	7.18	41	213523	67.039	ug/l # 61
36) 1,2-Dichloroethane	8.10	62	140059	19.502	ug/l 97
37) Trichloroethene	8.82	130	95736	20.746	ug/l 100
38) Methylcyclohexane	9.07	83	151971	20.543	ug/l 100
39) 1,2-Dichloropropane	9.10	63	110062	21.441	ug/l 99
40) Dibromomethane	9.19	93	66138	20.409	ug/l 96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110719\
 Data File : VN059127.D
 Acq On : 7 Nov 2019 17:22
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Quant Time: Nov 08 01:11:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N101119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 11 04:26:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.39	83	137498	20.769	ug/l	98
42) Vinyl Acetate	5.87	43	1374833	108.878	ug/l	99
43) Ethyl Acetate	6.90	43	147468	20.838	ug/l #	93
44) Isopropyl Acetate	8.15	43	233578	20.377	ug/l	92
45) 1,4-Dioxane	9.18	88	36090	410.019	ug/l	97
46) Methyl methacrylate	9.18	41	105651	20.076	ug/l	93
47) n-amyl Acetate	12.07	43	187713	18.473	ug/l	96
48) t-1,3-Dichloropropene	10.37	75	155475	20.250	ug/l	99
49) cis-1,3-Dichloropropene	9.83	75	168948	20.955	ug/l	93
50) 1,1,2-Trichloroethane	10.55	97	98484	21.289	ug/l	96
51) Ethyl methacrylate	10.42	69	147153	19.893	ug/l	94
52) 1,3-Dichloropropane	10.70	76	171347	20.798	ug/l	98
53) Dibromochloromethane	10.90	129	102874	20.721	ug/l	98
54) 1,2-Dibromoethane	11.00	107	99452	20.741	ug/l	100
55) 2-Chloroethyl vinyl ether	9.68	63	319397	86.802	ug/l	99
56) Bromoform	12.13	173	74030	21.405	ug/l	99
58) 4-Methyl-2-Pentanone	9.97	43	743540	110.683	ug/l	98
59) 2-Hexanone	10.74	43	540555	102.640	ug/l	97
61) Tetrachloroethene	10.63	164	85521	21.492	ug/l	97
62) Toluene	10.15	91	420851	21.246	ug/l	99
64) Chlorobenzene	11.43	112	250769	20.707	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.51	131	96020	21.145	ug/l	99
66) Ethyl Benzene	11.51	91	456690	20.822	ug/l	100
67) m/p-Xylenes	11.62	106	335042	40.887	ug/l	98
68) o-Xylene	11.95	106	162382	20.441	ug/l	99
69) Styrene	11.96	104	261289	19.910	ug/l	98
70) Isopropylbenzene	12.25	105	439066	20.472	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.50	83	153016	21.192	ug/l	99
72) 1,2,3-Trichloropropane	12.55	75	196176	29.985	ug/l	60
73) Bromobenzene	12.53	156	106500	20.444	ug/l	99
74) n-propylbenzene	12.59	91	512669	20.422	ug/l	99
75) 2-Chlorotoluene	12.68	91	308245	20.408	ug/l	99
76) 1,3,5-Trimethylbenzene	12.73	105	371803	20.240	ug/l	98
77) t-1,4-Dichloro-2-butene	12.30	75	49896	20.019	ug/l	90
78) 4-Chlorotoluene	12.77	91	312307	20.062	ug/l	99
79) tert-butylbenzene	12.99	119	317777	20.248	ug/l	99
80) 1,2,4-Trimethylbenzene	13.04	105	368119	20.167	ug/l	99
81) sec-Butylbenzene	13.17	105	418974	19.837	ug/l	99
82) p-Isopropyltoluene	13.29	119	379157	19.991	ug/l	99
83) 1,3-Dichlorobenzene	13.28	146	188055	19.949	ug/l	99
84) 1,4-Dichlorobenzene	13.36	146	179042	19.015	ug/l	99
85) n-Butylbenzene	13.62	91	309814	17.842	ug/l	98
86) Hexachloroethane	13.88	117	70861	20.530	ug/l	95
87) 1,2-Dichlorobenzene	13.66	146	182111	19.569	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	14.27	75	29966	18.646	ug/l	93
89) 1,2,4-Trichlorobenzene	14.91	180	96955	16.500	ug/l	99
90) Hexachlorobutadiene	15.01	225	61630	20.311	ug/l	99
91) Naphthalene	15.13	128	260671	15.025	ug/l	99
92) 1,2,3-Trichlorobenzene	15.30	180	98191	17.166	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110719\
Data File : VN059127.D
Acq On : 7 Nov 2019 17:22
Operator : JC/SP
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Quant Time: Nov 08 01:11:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N101119W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Oct 11 04:26:47 2019
Response via : Initial Calibration

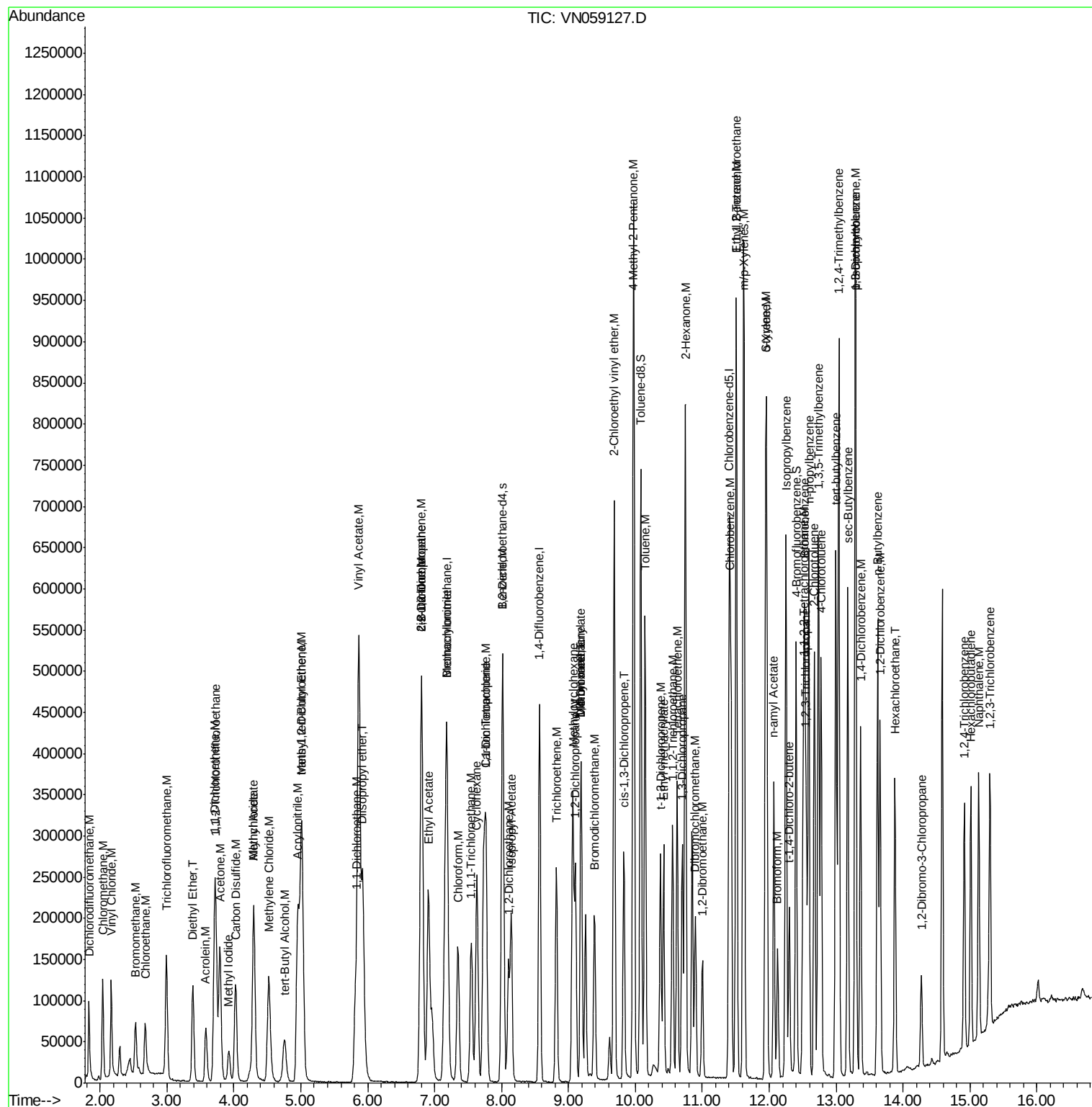
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

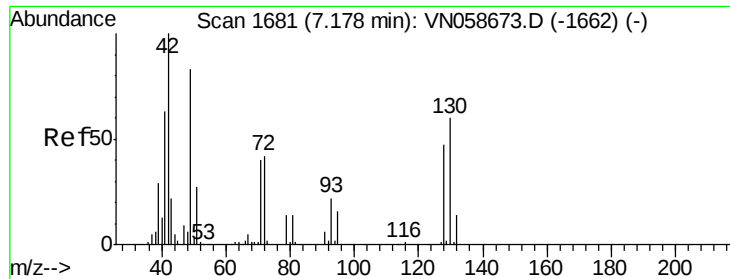
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110719\
Data File : VN059127.D
Acq On : 7 Nov 2019 17:22
Operator : JC/SP
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Quant Time: Nov 08 01:11:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N101119W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Oct 11 04:26:47 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.17 min Scan# 1679

Delta R.T. -0.01 min

Lab File: VN059127.D

Acq: 7 Nov 2019 17:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

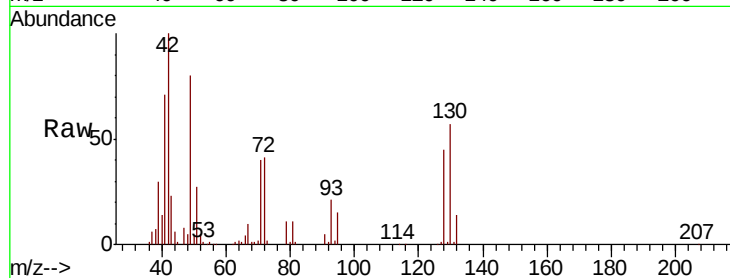
Tot Ion:128 Resp: 72262

Ion Ratio Lower Upper

128 100

49 184.3 0.0 453.5

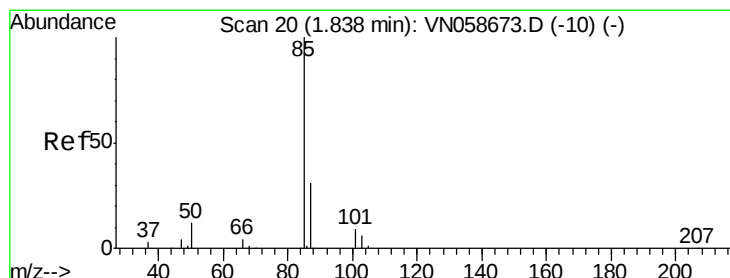
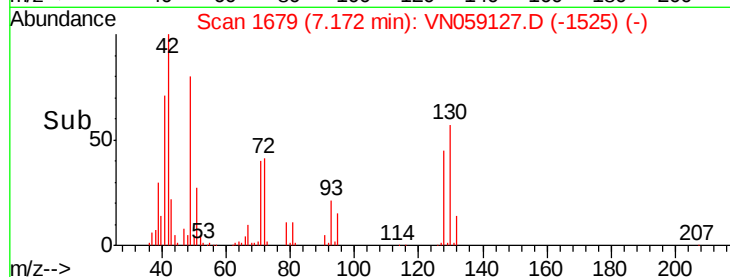
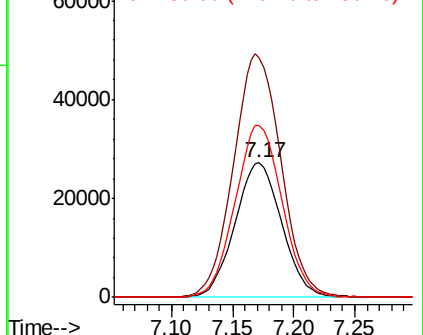
130 128.9 0.0 314.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 20.176 ug/l

RT: 1.83 min Scan# 19

Delta R.T. -0.00 min

Lab File: VN059127.D

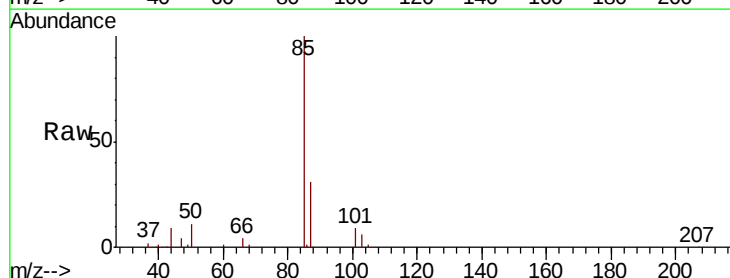
Acq: 7 Nov 2019 17:22

Tgt Ion: 85 Resp: 78994

Ion Ratio Lower Upper

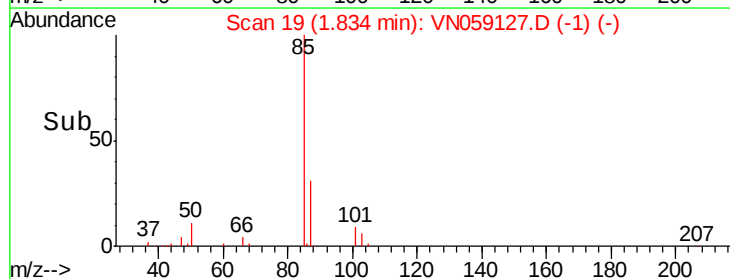
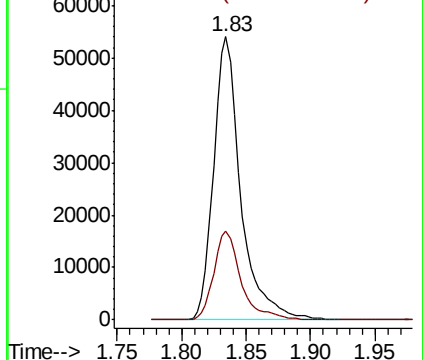
85 100

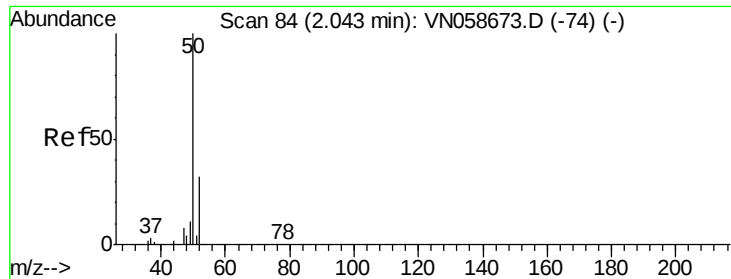
87 31.2 15.7 47.0



Abundance Ion 85.00 (84.70 to 85.70): VN0

Ion 87.00 (86.70 to 87.70): VN0





#3

Chloromethane

Concen: 20.533 ug/l

RT: 2.04 min Scan# 83

Delta R.T. -0.00 min

Lab File: VN059127.D

Acq: 7 Nov 2019 17:22

Instrument :

MSVOA_N

ClientSampleId :

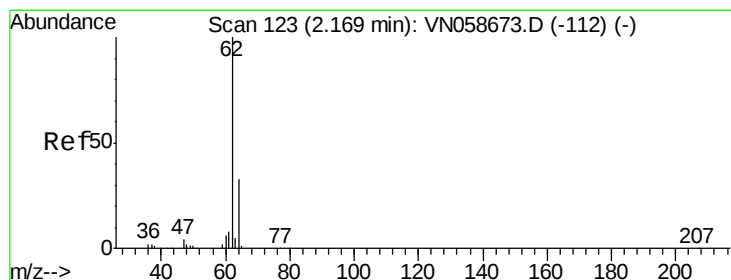
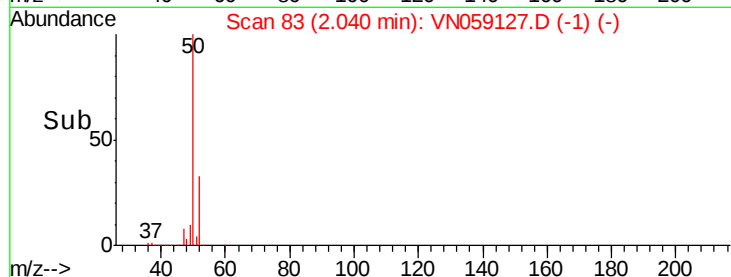
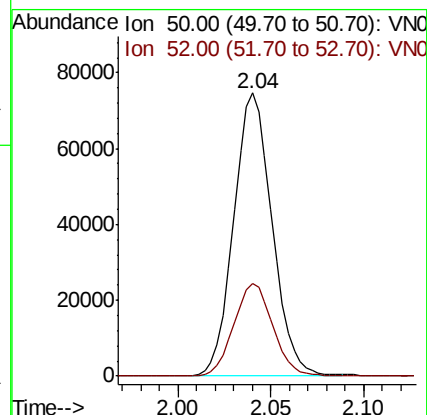
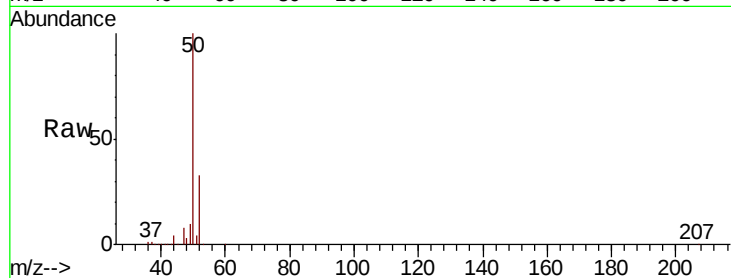
VSTDCCC020EC

Tot Ion: 50 Resp: 107387

Ion Ratio Lower Upper

50 100

52 32.9 25.8 38.8



#4

Vinyl Chloride

Concen: 20.612 ug/l

RT: 2.17 min Scan# 123

Delta R.T. -0.00 min

Lab File: VN059127.D

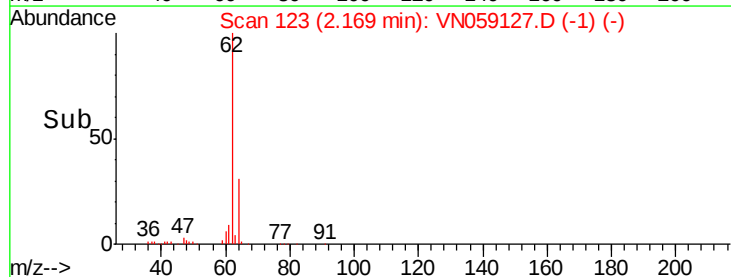
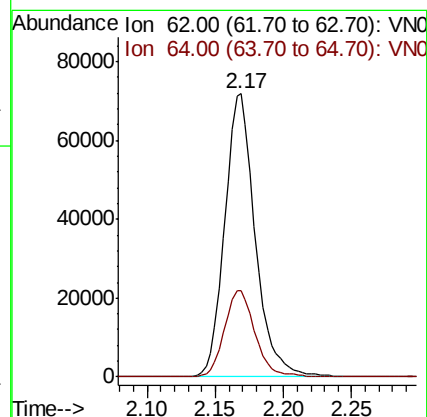
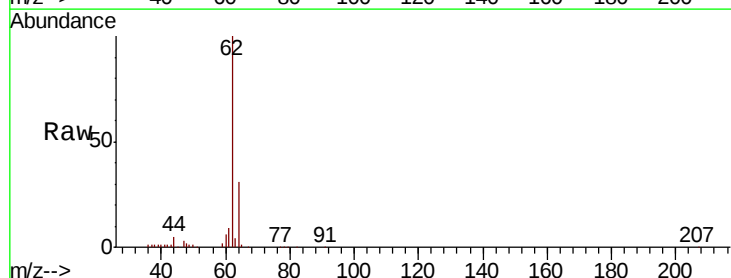
Acq: 7 Nov 2019 17:22

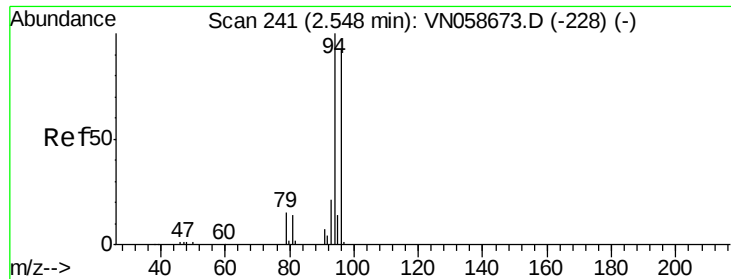
Tgt Ion: 62 Resp: 111414

Ion Ratio Lower Upper

62 100

64 30.6 26.1 39.1





#5

Bromomethane

Concen: 13.168 ug/l

RT: 2.53 min Scan# 236

Delta R.T. -0.02 min

Lab File: VN059127.D

Acq: 7 Nov 2019 17:22

Instrument :

MSVOA_N

ClientSampleId :

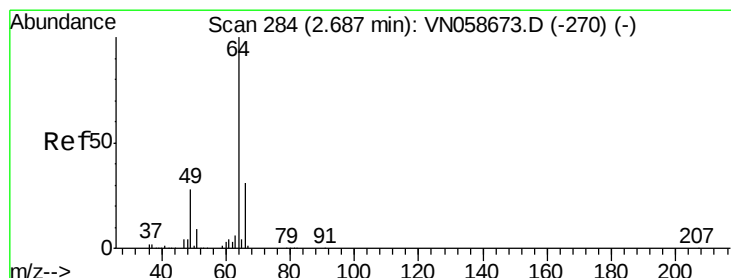
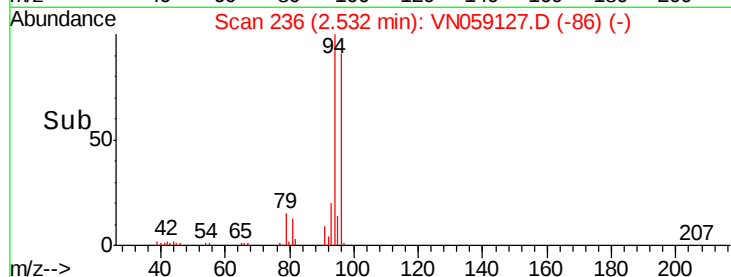
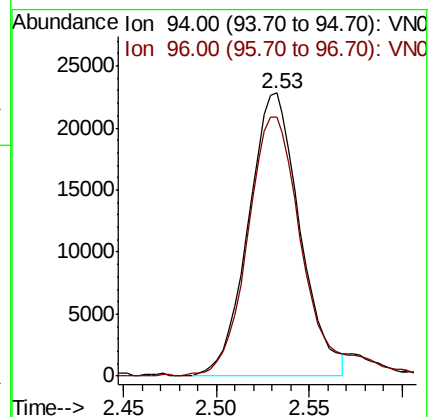
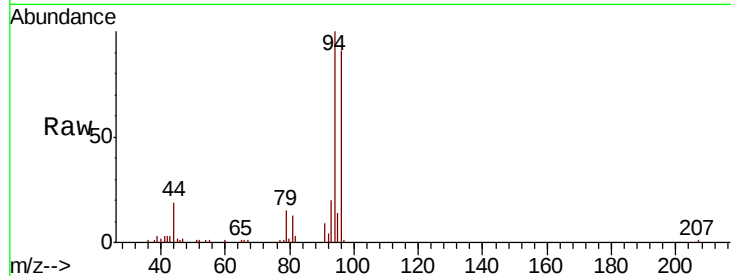
VSTDCCC020EC

Tot Ion: 94 Resp: 43947

Ion Ratio Lower Upper

94 100

96 90.5 73.7 110.5



#6

Chloroethane

Concen: 19.834 ug/l

RT: 2.68 min Scan# 281

Delta R.T. -0.01 min

Lab File: VN059127.D

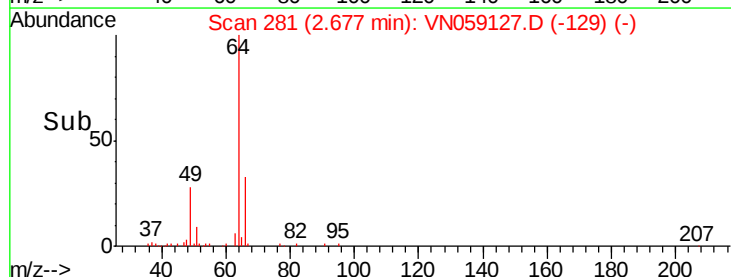
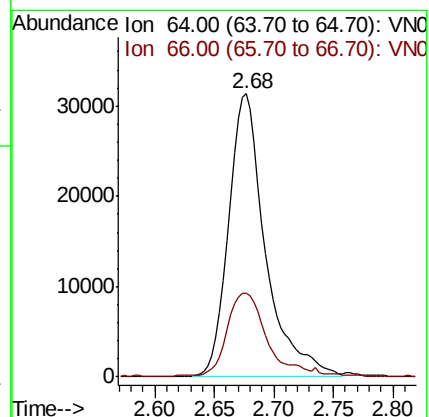
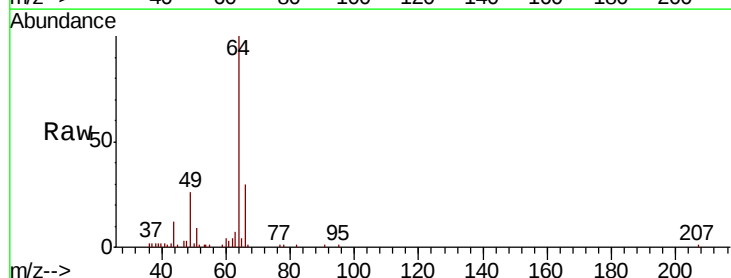
Acq: 7 Nov 2019 17:22

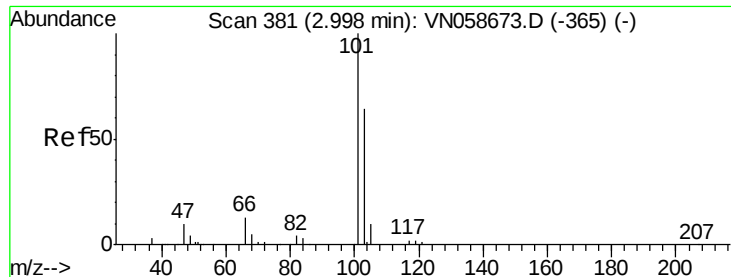
Tgt Ion: 64 Resp: 67387

Ion Ratio Lower Upper

64 100

66 28.9 24.6 36.8



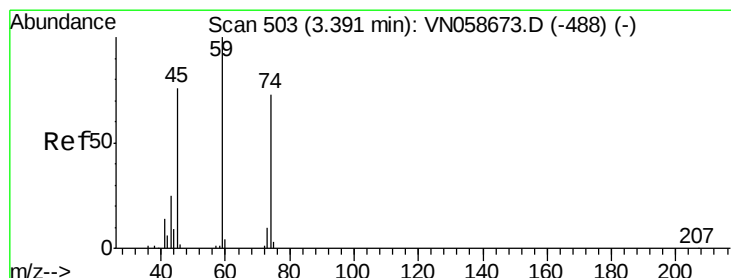
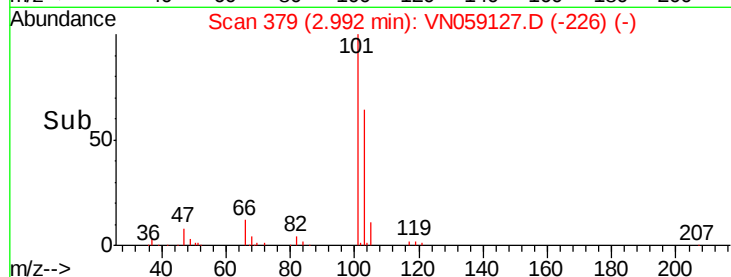
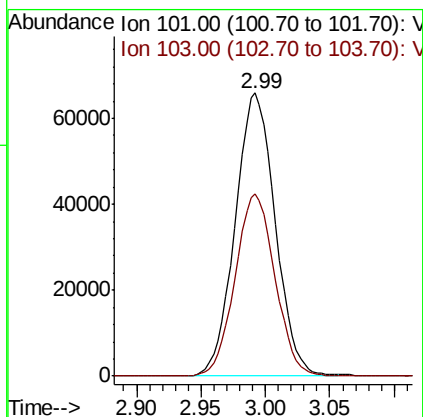
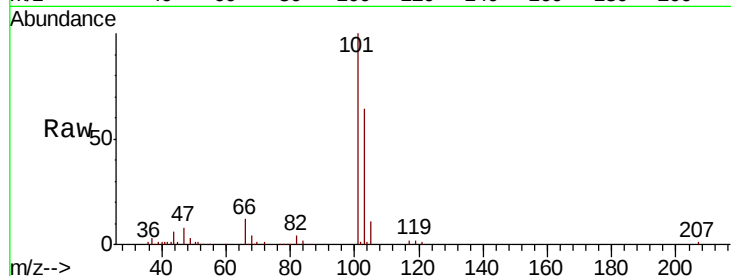


#7

Trichlorofluoromethane
Concen: 21.400 ug/l
RT: 2.99 min Scan# 379
Delta R.T. -0.01 min
Lab File: VN059127.D
Acq: 7 Nov 2019 17:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

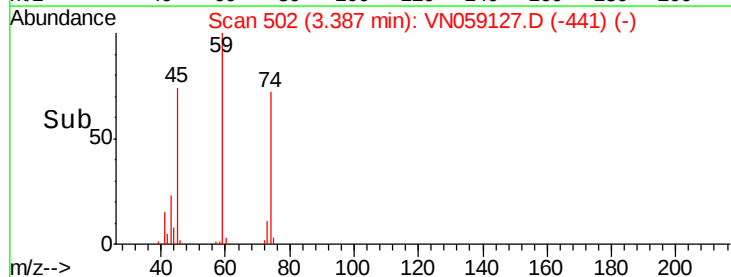
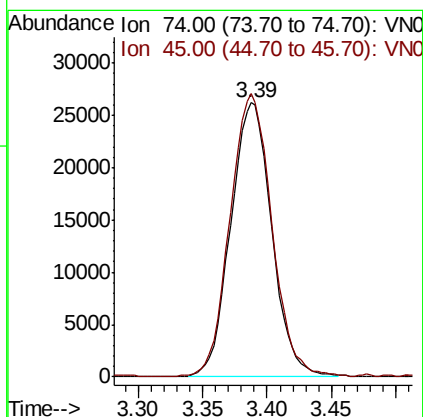
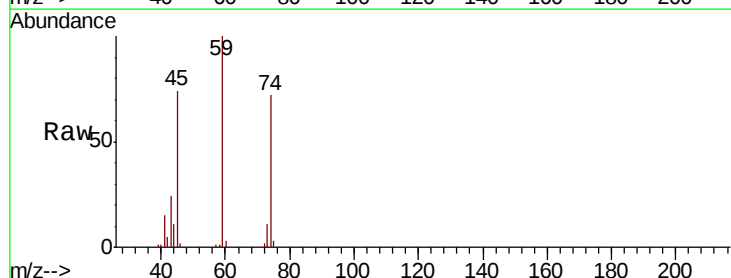
Tot Ion:101 Resp: 142373
Ion Ratio Lower Upper
101 100
103 64.0 51.5 77.3

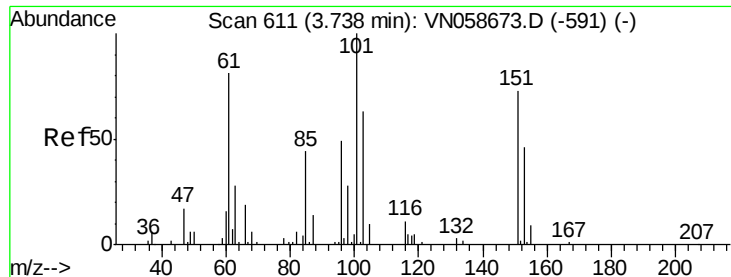


#8

Diethyl Ether
Concen: 22.869 ug/l
RT: 3.39 min Scan# 502
Delta R.T. -0.00 min
Lab File: VN059127.D
Acq: 7 Nov 2019 17:22

Tgt Ion: 74 Resp: 58029
Ion Ratio Lower Upper
74 100
45 105.5 20.6 185.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 23.181 ug/l

RT: 3.73 min Scan# 609

Delta R.T. -0.01 min

Lab File: VN059127.D

Acq: 7 Nov 2019 17:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

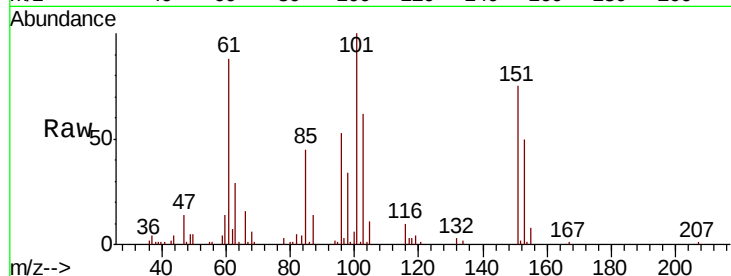
Tot Ion:101 Resp: 89238

Ion Ratio Lower Upper

101 100

85 43.9 0.0 93.8

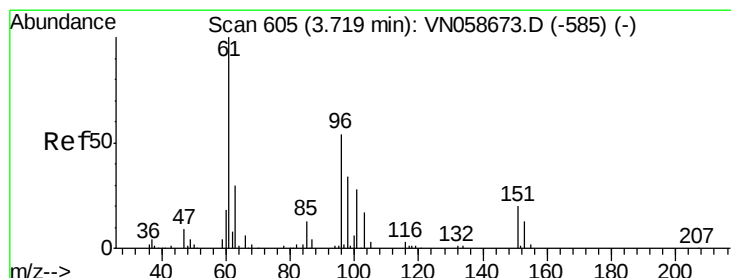
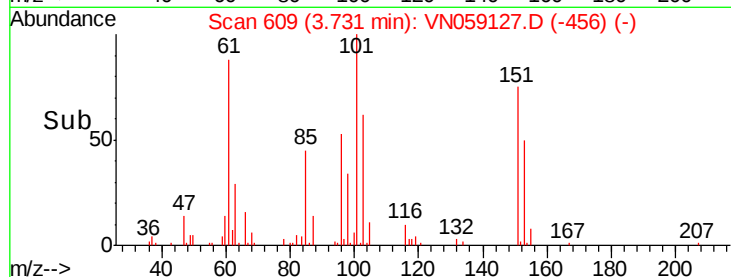
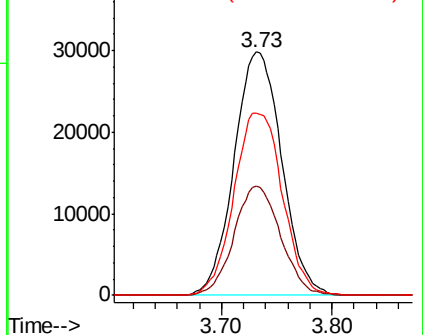
151 76.4 0.0 149.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VN

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 21.742 ug/l

RT: 3.71 min Scan# 602

Delta R.T. -0.01 min

Lab File: VN059127.D

Acq: 7 Nov 2019 17:22

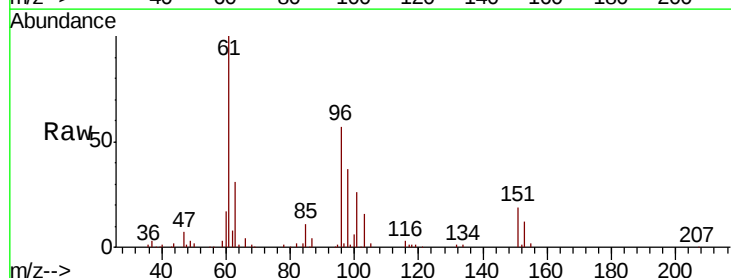
Tgt Ion: 96 Resp: 82204

Ion Ratio Lower Upper

96 100

61 175.8 148.5 222.7

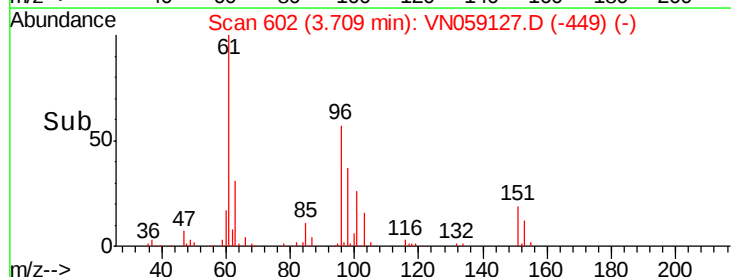
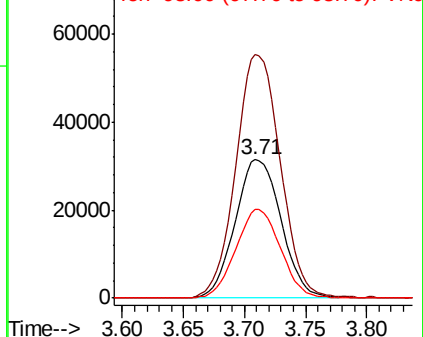
98 64.3 51.0 76.6

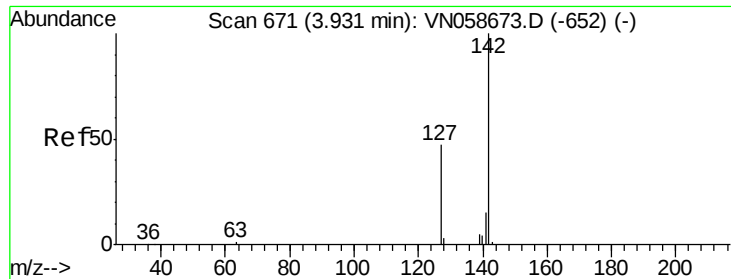


Abundance Ion 96.00 (95.70 to 96.70): VN

Ion 61.00 (60.70 to 61.70): VN

Ion 98.00 (97.70 to 98.70): VN

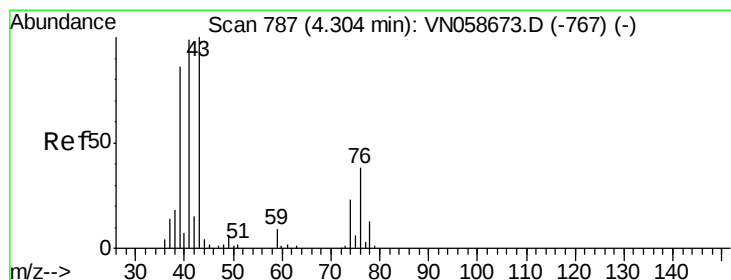
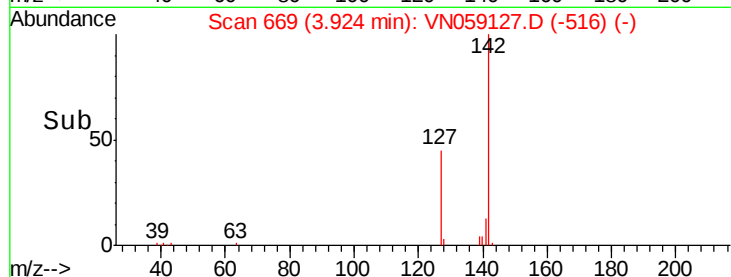
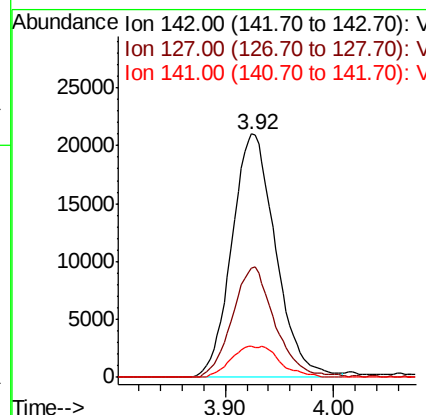
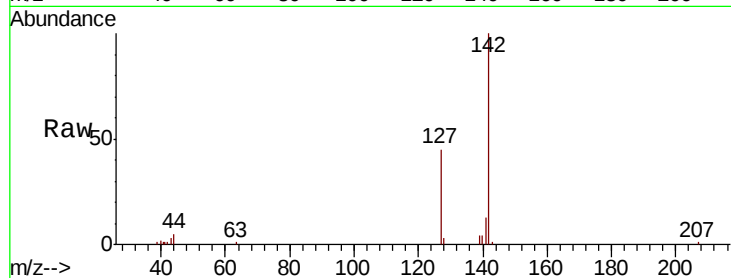




#11
Methvl Iodide
Concen: 11.307 ug/l
RT: 3.92 min Scan# 669
Delta R.T. -0.01 min
Lab File: VN059127.D
Acq: 7 Nov 2019 17:22

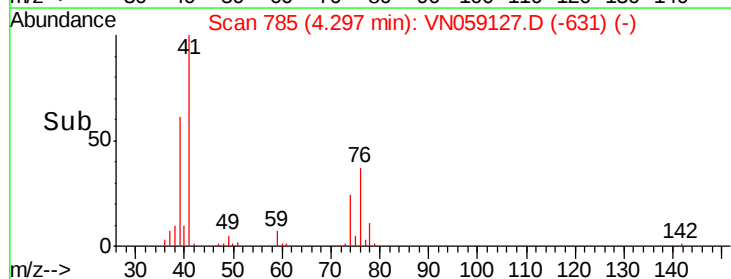
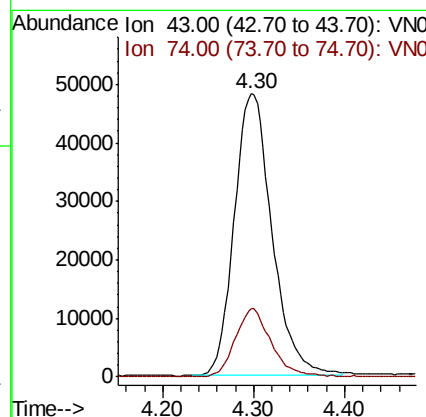
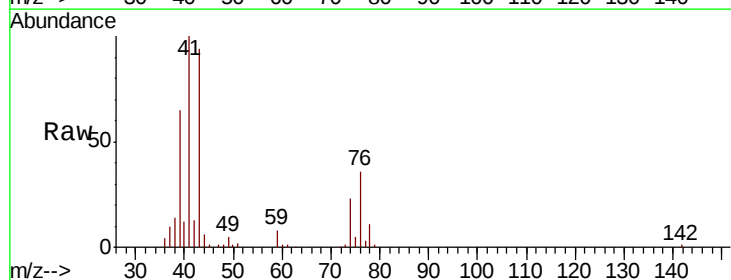
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

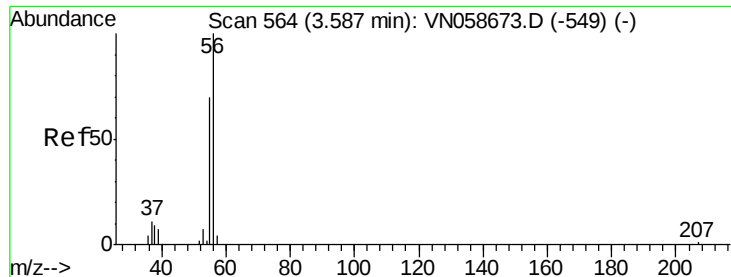
Tot Ion:142 Resp: 59537
Ion Ratio Lower Upper
142 100
127 44.9 23.5 70.6
141 12.9 7.4 22.2



#12
Methyl Acetate
Concen: 23.009 ug/l
RT: 4.30 min Scan# 785
Delta R.T. -0.01 min
Lab File: VN059127.D
Acq: 7 Nov 2019 17:22

Tgt Ion: 43 Resp: 139185
Ion Ratio Lower Upper
43 100
74 24.4 18.1 27.1





#13

Acrolein

Concen: 109.720 ug/l

RT: 3.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VN059127.D

Acq: 7 Nov 2019 17:22

Instrument :

MSVOA_N

ClientSampleId :

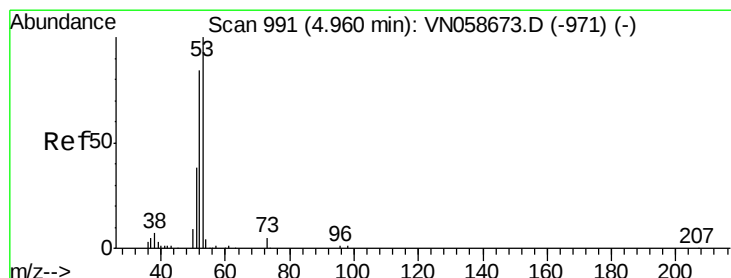
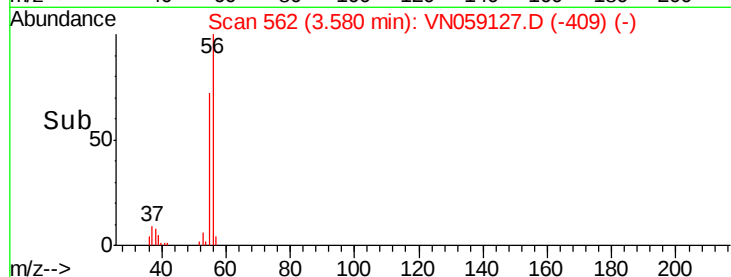
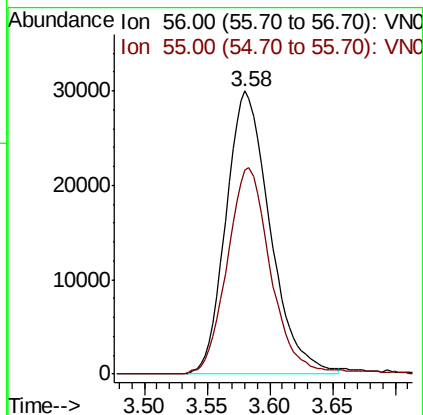
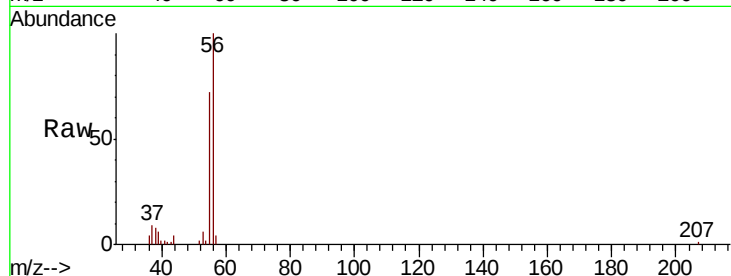
VSTDCCC020EC

Tot Ion: 56 Resp: 73335

Ion Ratio Lower Upper

56 100

55 71.0 55.9 83.9



#14

Acrylonitrile

Concen: 116.048 ug/l

RT: 4.96 min Scan# 990

Delta R.T. -0.00 min

Lab File: VN059127.D

Acq: 7 Nov 2019 17:22

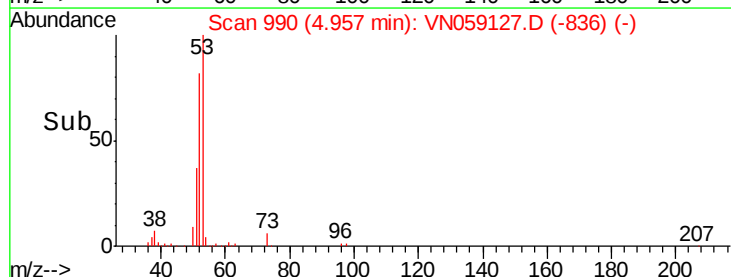
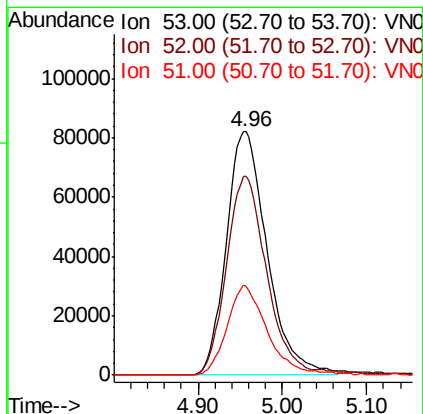
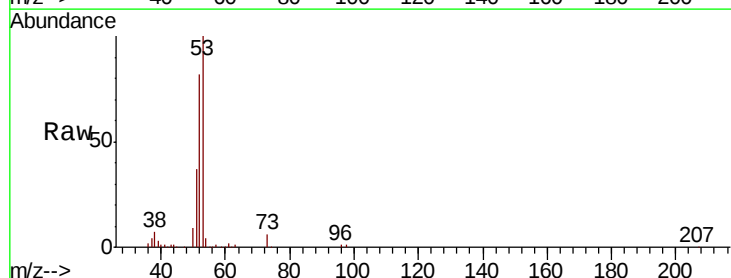
Tgt Ion: 53 Resp: 276603

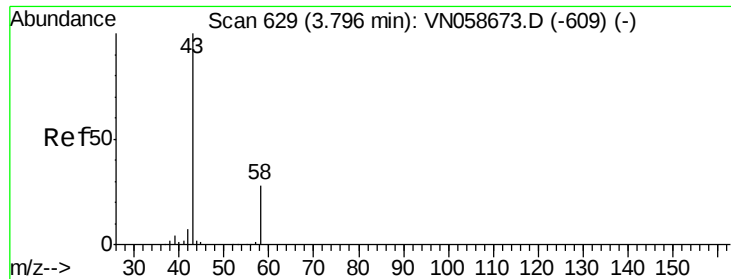
Ion Ratio Lower Upper

53 100

52 79.8 42.2 126.6

51 36.3 18.8 56.4

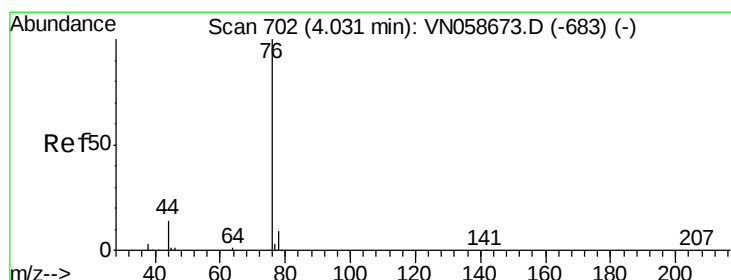
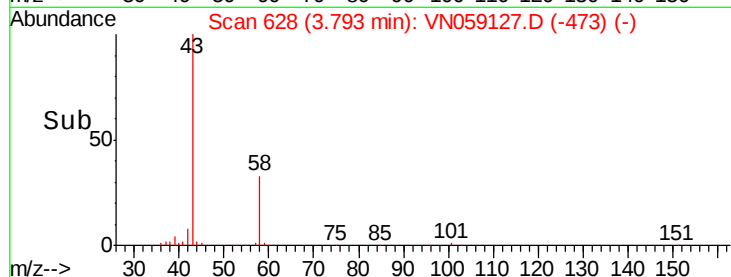
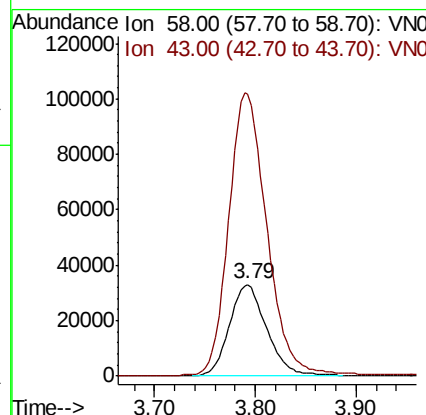
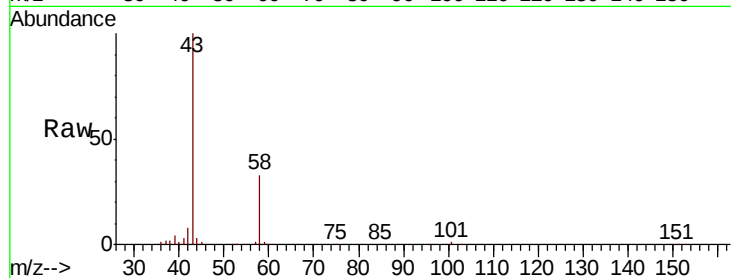




#15
Acetone
Concen: 120.616 ug/l
RT: 3.79 min Scan# 628
Delta R.T. -0.00 min
Lab File: VN059127.D
Acq: 7 Nov 2019 17:22

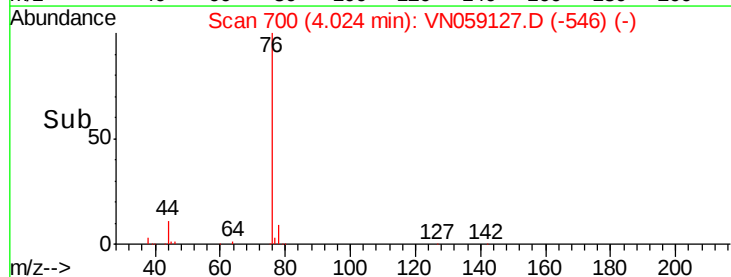
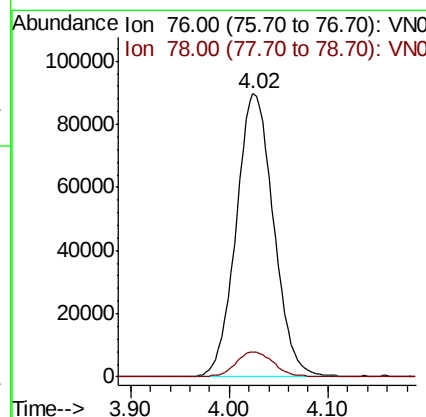
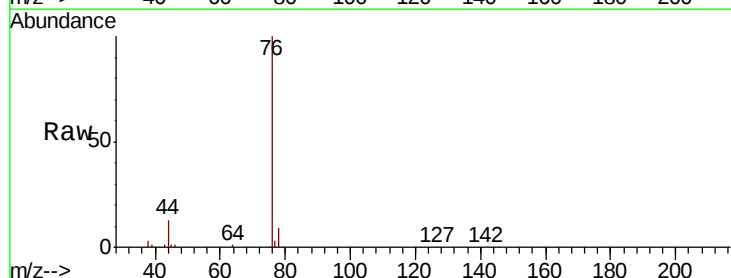
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

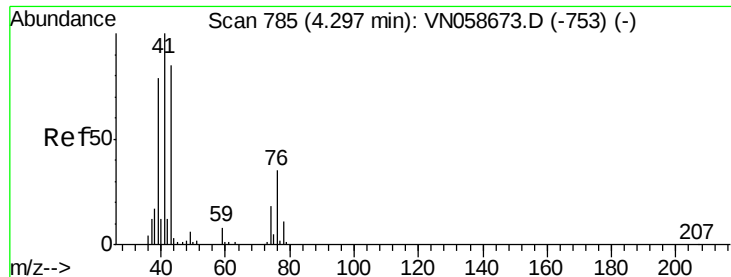
Tot Ion: 58 Resp: 85338
Ion Ratio Lower Upper
58 100
43 305.5 281.7 422.5



#16
Carbon Disulfide
Concen: 21.437 ug/l
RT: 4.02 min Scan# 700
Delta R.T. -0.01 min
Lab File: VN059127.D
Acq: 7 Nov 2019 17:22

Tgt Ion: 76 Resp: 236404
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.0

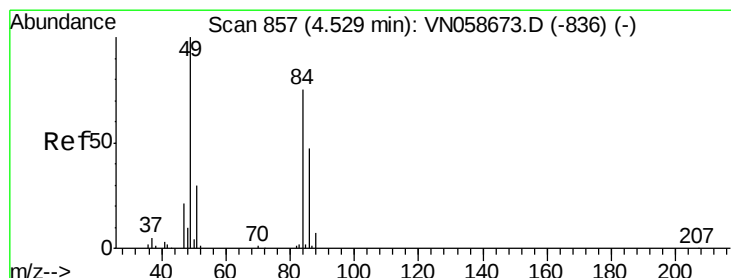
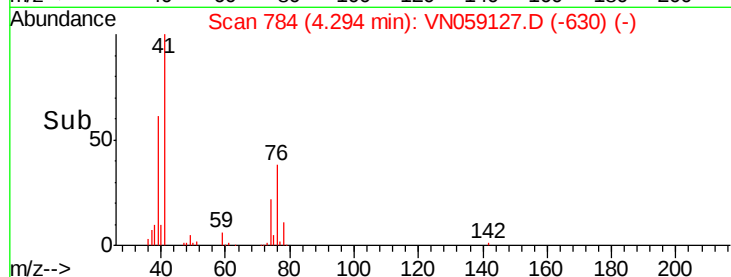
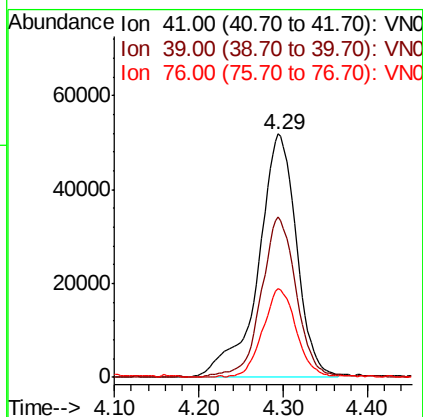
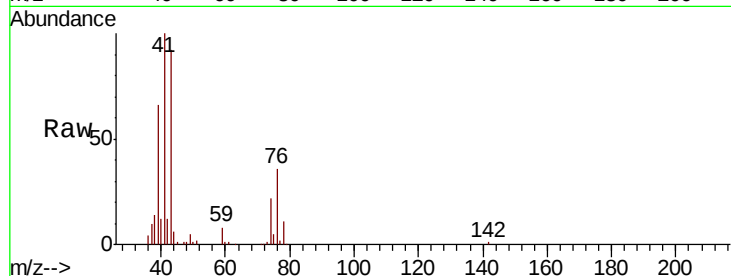




#17
Allvl chloride
Concen: 21.718 ug/l
RT: 4.29 min Scan# 784
Delta R.T. -0.00 min
Lab File: VN059127.D
Acq: 7 Nov 2019 17:22

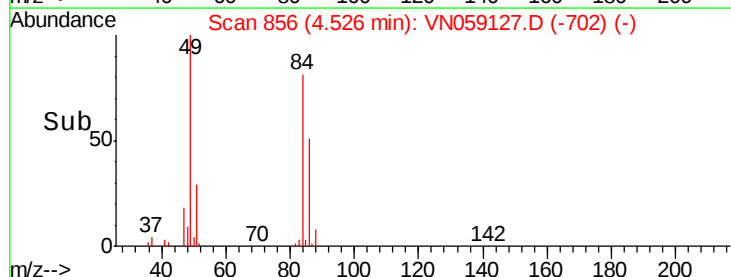
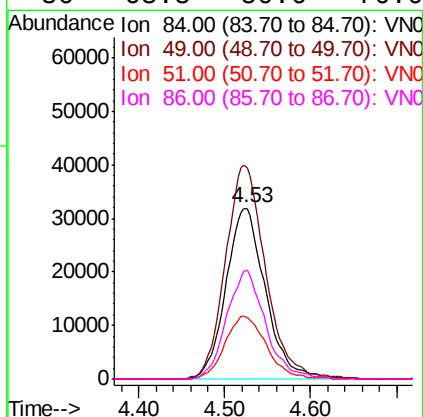
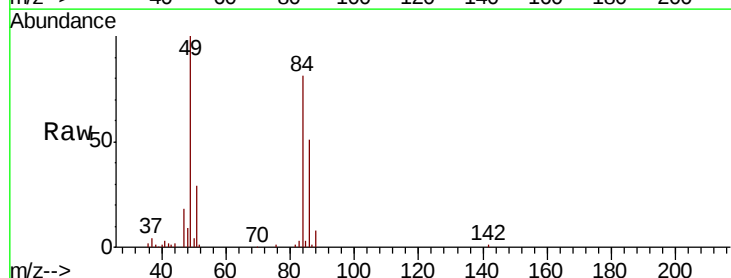
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

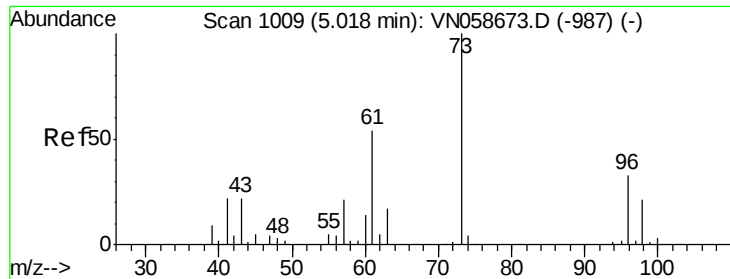
Tot Ion: 41 Resp: 163439
Ion Ratio Lower Upper
41 100
39 65.6 39.6 118.8
76 36.0 17.6 52.9



#18
Methylene Chloride
Concen: 22.145 ug/l
RT: 4.53 min Scan# 856
Delta R.T. -0.00 min
Lab File: VN059127.D
Acq: 7 Nov 2019 17:22

Tgt Ion: 84 Resp: 101391
Ion Ratio Lower Upper
84 100
49 123.2 106.6 160.0
51 36.0 32.4 48.6
86 63.8 50.6 76.0

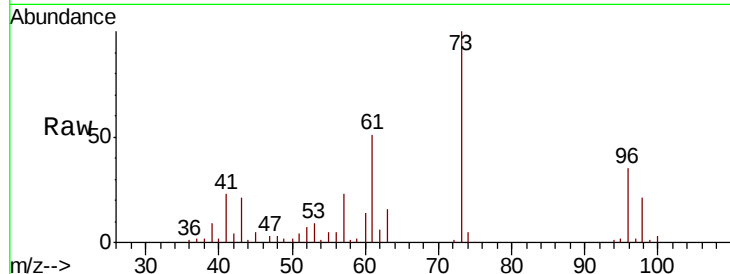




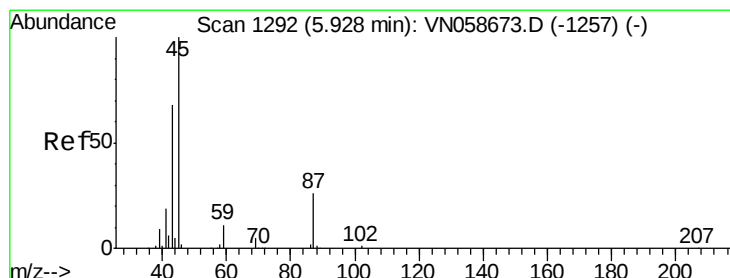
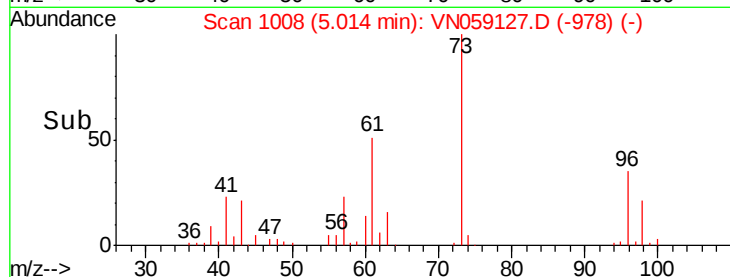
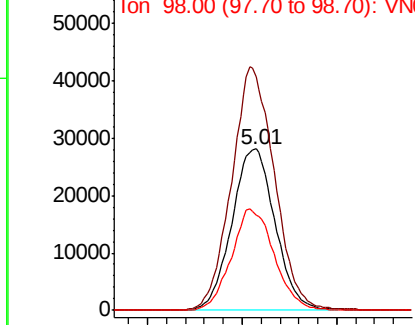
#19
trans-1,2-Dichloroethene
Concen: 21.760 ug/l
RT: 5.01 min Scan# 1008
Delta R.T. -0.00 min
Lab File: VN059127.D
Acq: 7 Nov 2019 17:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion: 96 Resp: 89564
Ion Ratio Lower Upper
96 100
61 143.5 131.8 197.6
98 58.9 52.6 79.0

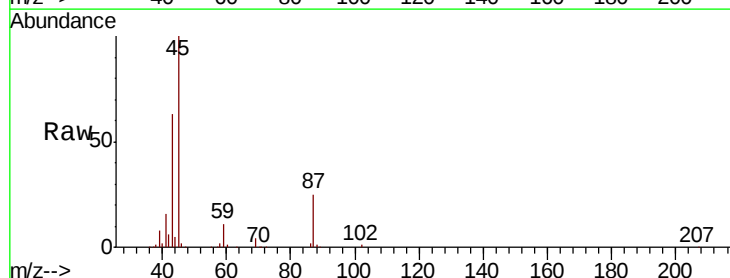


Abundance Ion 96.00 (95.70 to 96.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

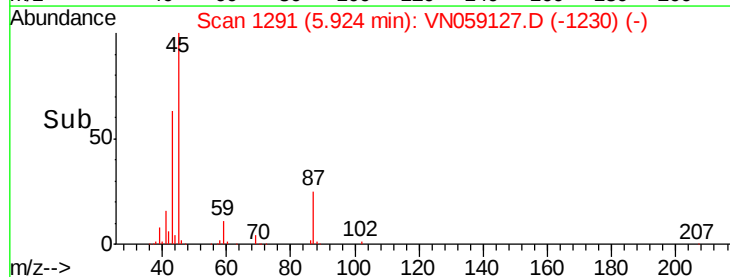
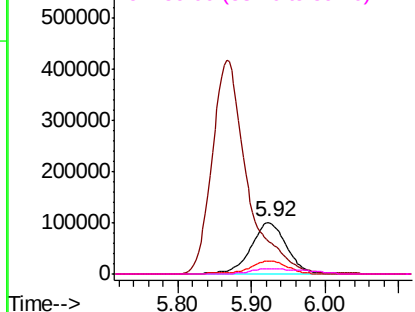


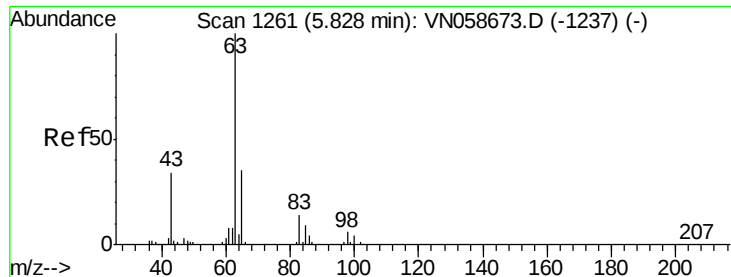
#20
Diisopropyl ether
Concen: 22.034 ug/l
RT: 5.92 min Scan# 1291
Delta R.T. -0.00 min
Lab File: VN059127.D
Acq: 7 Nov 2019 17:22

Tgt Ion: 45 Resp: 337825
Ion Ratio Lower Upper
45 100
43 60.6 54.7 82.1
87 25.5 21.5 32.3
59 10.6 8.7 13.1



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

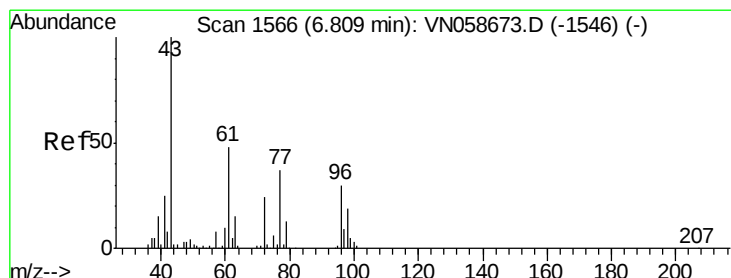
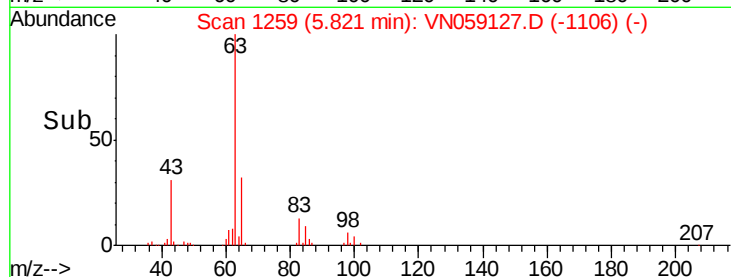
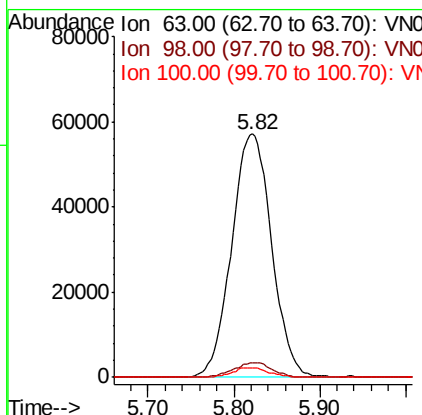
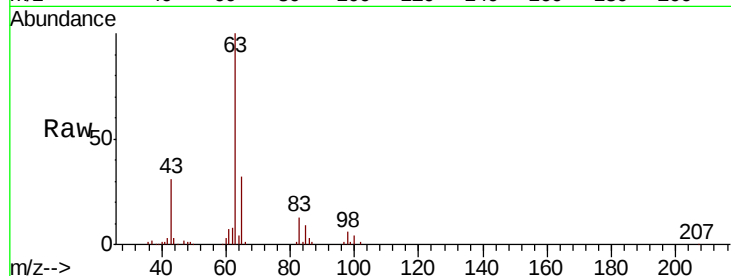




#21
 1,1-Dichloroethane
 Concen: 21.721 ug/l
 RT: 5.82 min Scan# 1259
 Delta R.T. -0.01 min
 Lab File: VN059127.D
 Acq: 7 Nov 2019 17:22

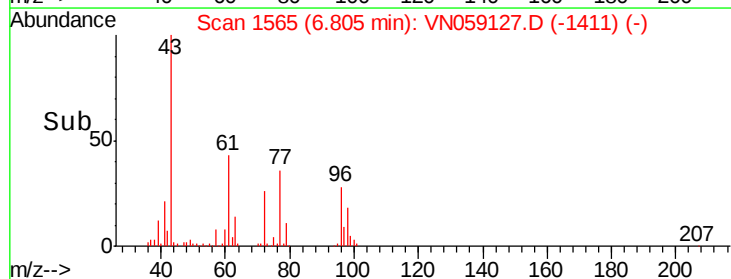
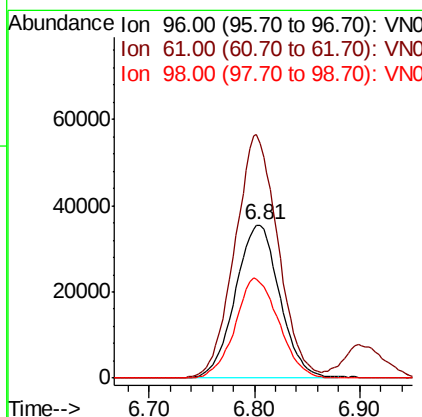
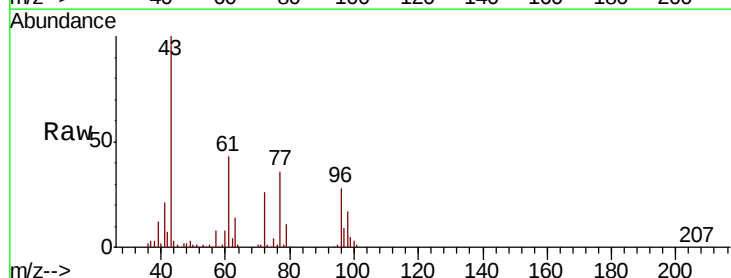
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

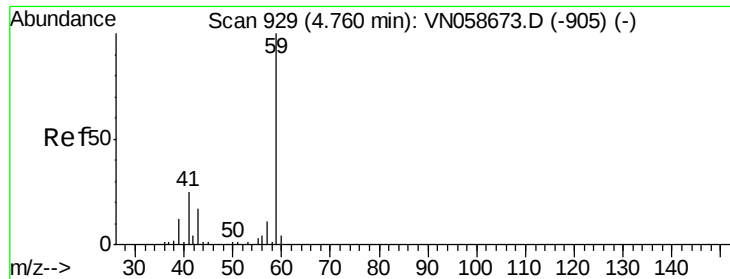
Tot Ion: 63 Resp: 184414
 Ion Ratio Lower Upper
 63 100
 98 5.9 2.9 8.6
 100 3.8 1.8 5.5



#22
 cis-1,2-Dichloroethene
 Concen: 21.152 ug/l
 RT: 6.81 min Scan# 1565
 Delta R.T. -0.00 min
 Lab File: VN059127.D
 Acq: 7 Nov 2019 17:22

Tgt Ion: 96 Resp: 103805
 Ion Ratio Lower Upper
 96 100
 61 155.3 127.2 190.8
 98 64.1 50.5 75.7

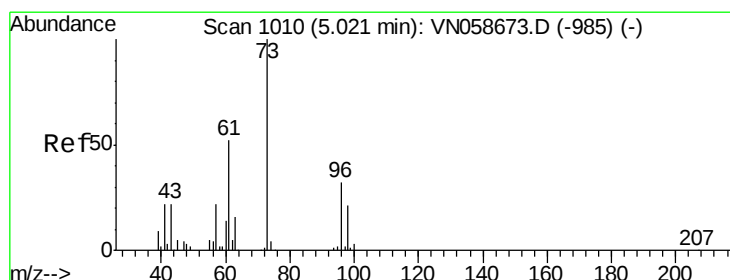
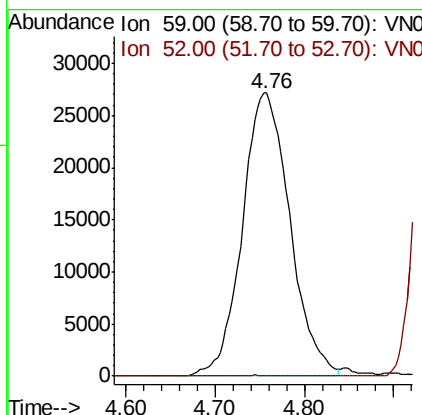
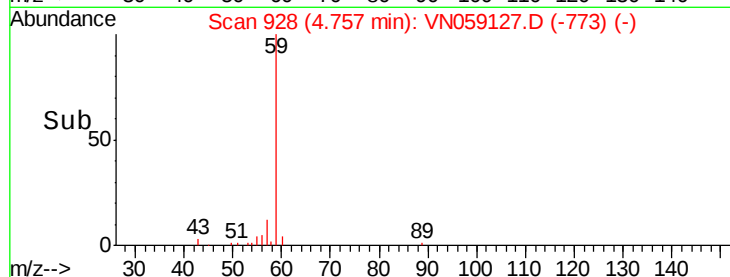
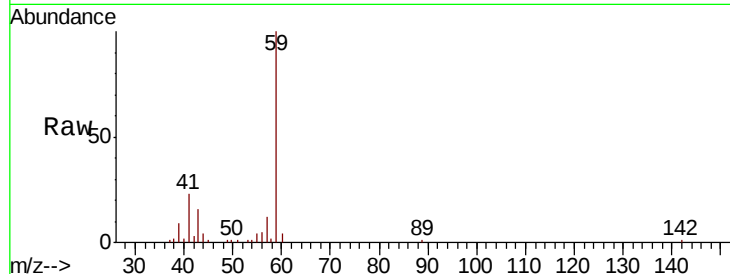




#23
 tert-Butyl Alcohol
 Concen: 103.301 ug/l
 RT: 4.76 min Scan# 928
 Delta R.T. -0.00 min
 Lab File: VN059127.D
 Acq: 7 Nov 2019 17:22

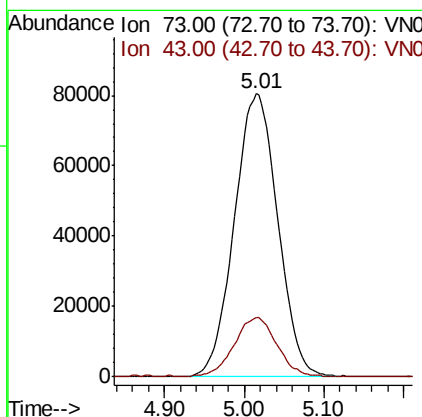
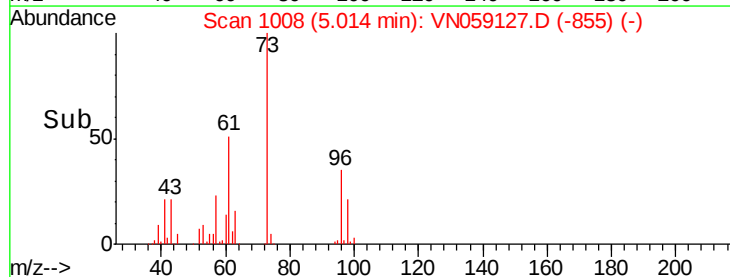
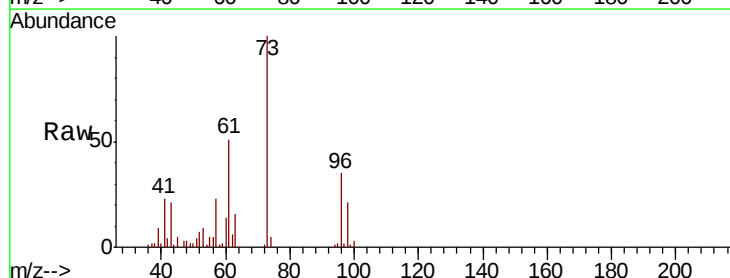
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

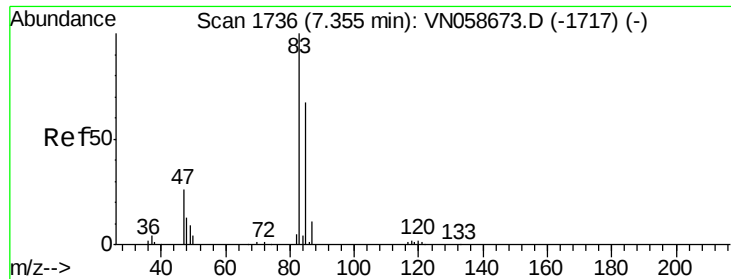
Tot Ion: 59 Resp: 100711
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.0 0.0



#24
 Methyl tert-Butyl Ether
 Concen: 21.099 ug/l
 RT: 5.01 min Scan# 1008
 Delta R.T. -0.01 min
 Lab File: VN059127.D
 Acq: 7 Nov 2019 17:22

Tgt Ion: 73 Resp: 297609
 Ion Ratio Lower Upper
 73 100
 43 20.5 17.9 26.9





#25

Chloroform

Concen: 21.248 ug/l

RT: 7.35 min Scan# 1734

Delta R.T. -0.01 min

Lab File: VN059127.D

Acq: 7 Nov 2019 17:22

Instrument :

MSVOA_N

ClientSampleId :

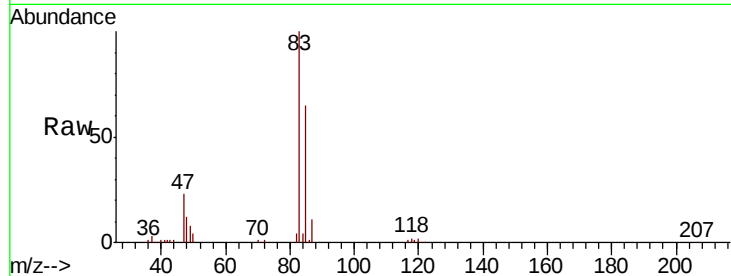
VSTDCCC020EC

Tot Ion: 83 Resp: 179922

Ion Ratio Lower Upper

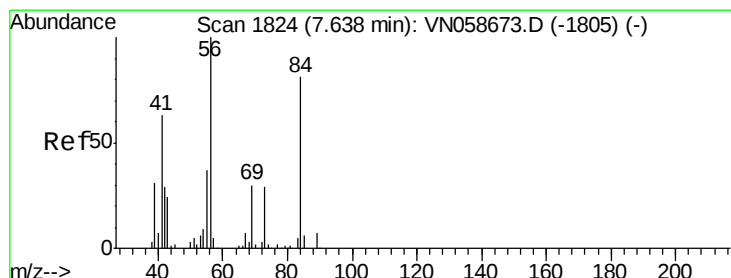
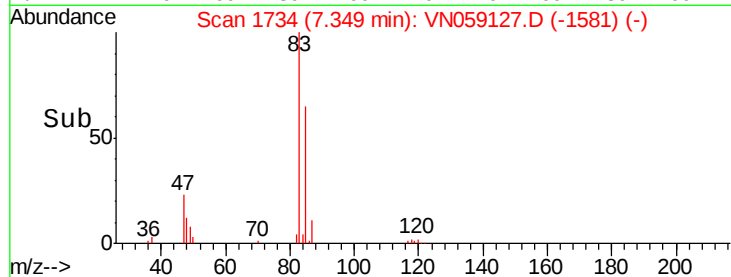
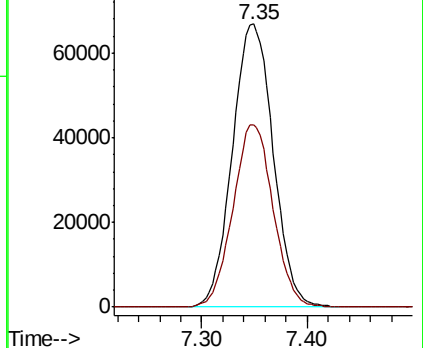
83 100

85 64.6 53.8 80.8



Abundance Ion 83.00 (82.70 to 83.70): VNO

Ion 85.00 (84.70 to 85.70): VNO



#26

Cyclohexane

Concen: 20.721 ug/l

RT: 7.63 min Scan# 1822

Delta R.T. -0.01 min

Lab File: VN059127.D

Acq: 7 Nov 2019 17:22

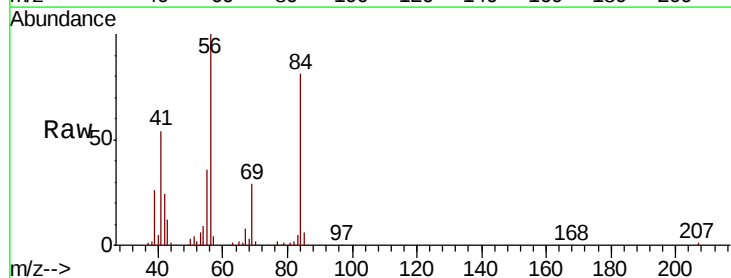
Tgt Ion: 56 Resp: 154412

Ion Ratio Lower Upper

56 100

89 0.0 6.2 9.2#

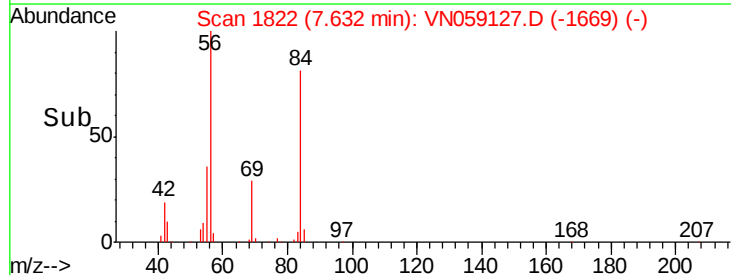
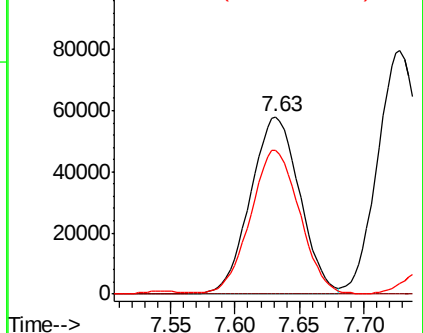
84 81.2 65.6 98.4

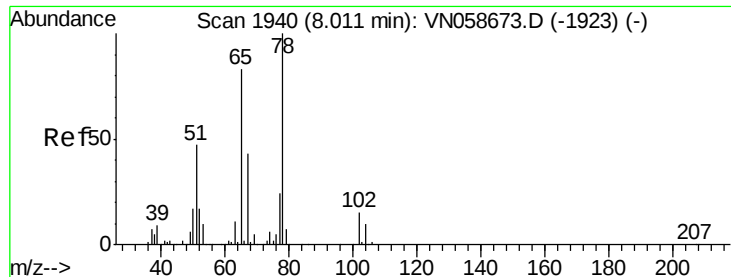


Abundance Ion 56.00 (55.70 to 56.70): VNO

Ion 89.00 (88.70 to 89.70): VNO

Ion 84.00 (83.70 to 84.70): VNO





#27

1,2-Dichloroethane-d4

Concen: 28.274 ug/l

RT: 8.01 min Scan# 1939

Delta R.T. -0.00 min

Lab File: VN059127.D

Acq: 7 Nov 2019 17:22

Instrument :

MSVOA_N

ClientSampleId :

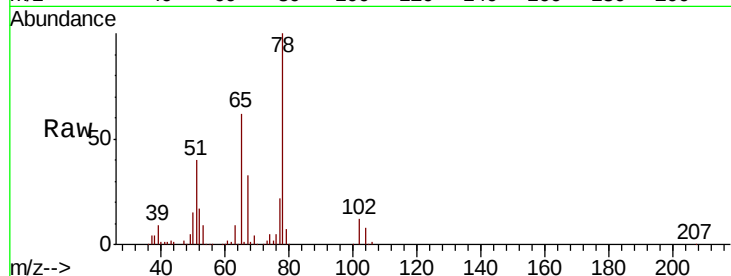
VSTDCCC020EC

Tot Ion: 65 Resp: 173412

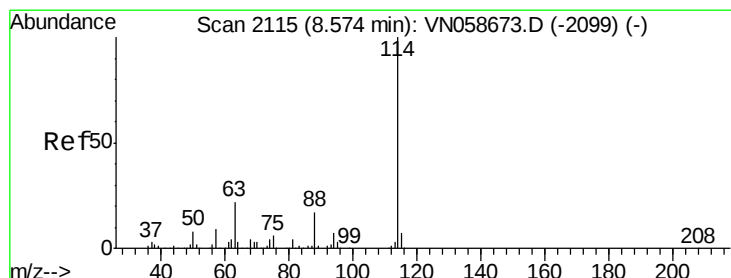
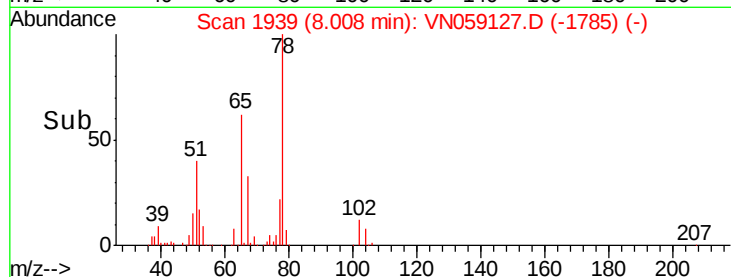
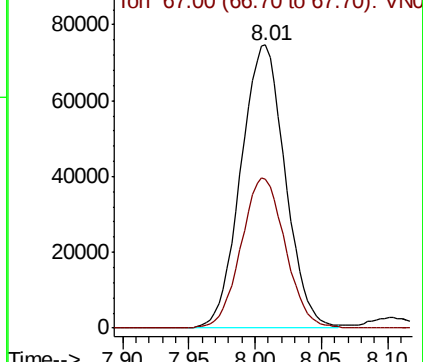
Ion Ratio Lower Upper

65 100

67 53.1 41.5 62.3



Abundance Ion 65.00 (64.70 to 65.70): VN059127.D (-1785) (-)



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. -0.01 min

Lab File: VN059127.D

Acq: 7 Nov 2019 17:22

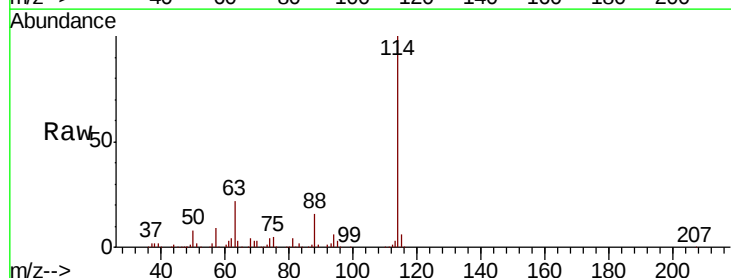
Tgt Ion: 114 Resp: 405319

Ion Ratio Lower Upper

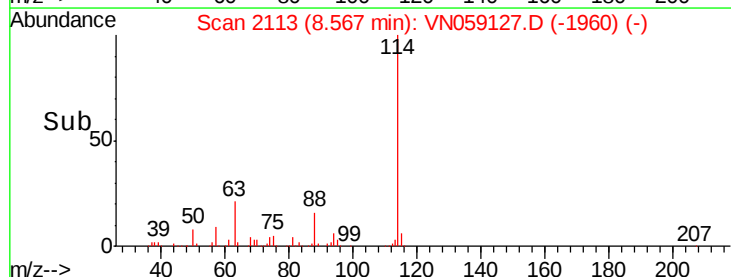
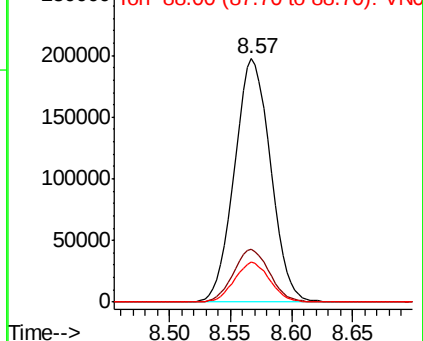
114 100

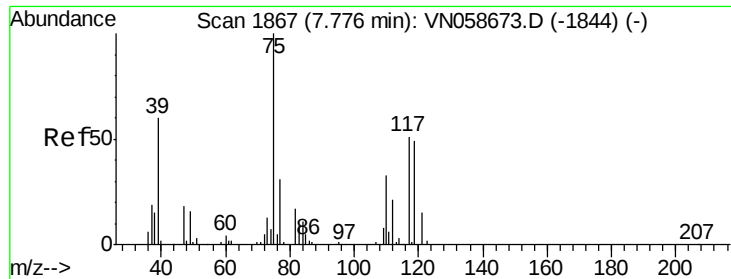
63 21.7 18.1 27.1

88 16.1 13.0 19.4



Abundance Ion 114.00 (113.70 to 114.70): VN059127.D (-1960) (-)

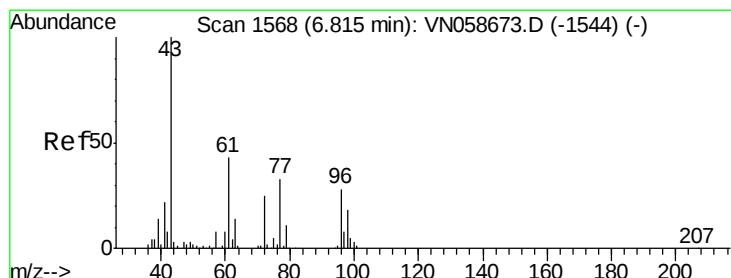
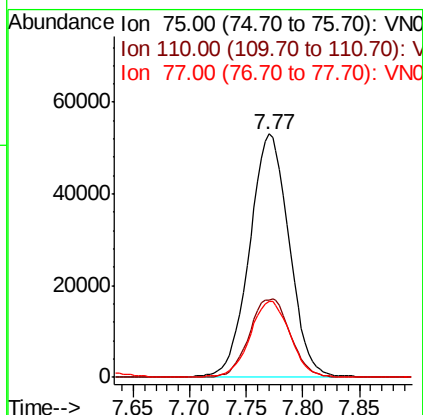
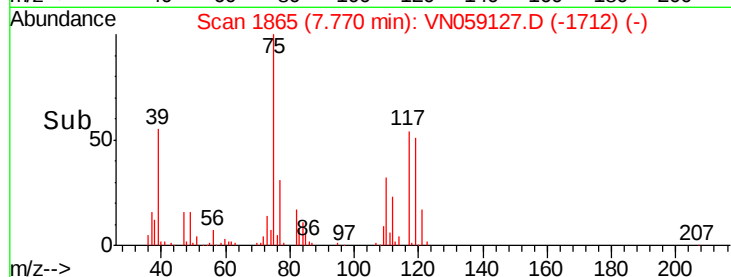
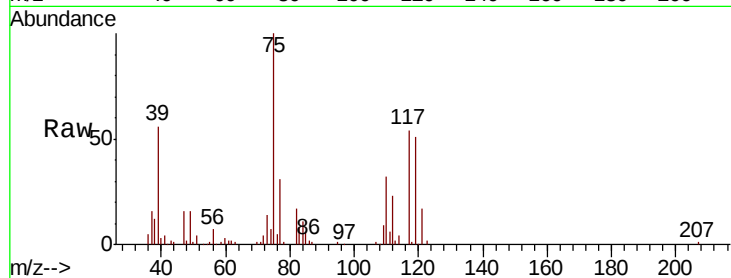




#29
 1,1-Dichloropropene
 Concen: 20.215 ug/l
 RT: 7.77 min Scan# 1865
 Delta R.T. -0.01 min
 Lab File: VN059127.D
 Acq: 7 Nov 2019 17:22

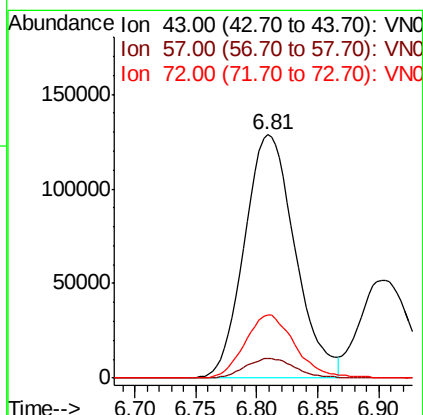
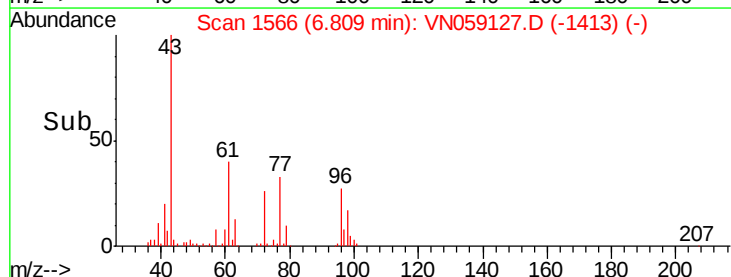
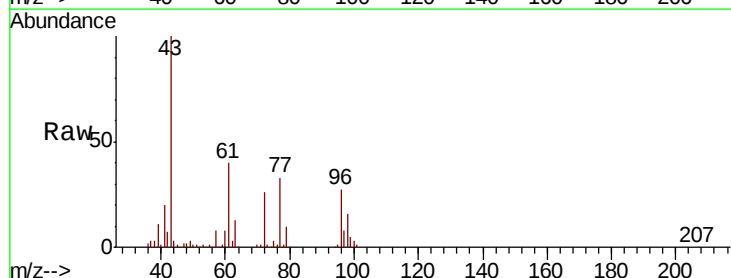
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

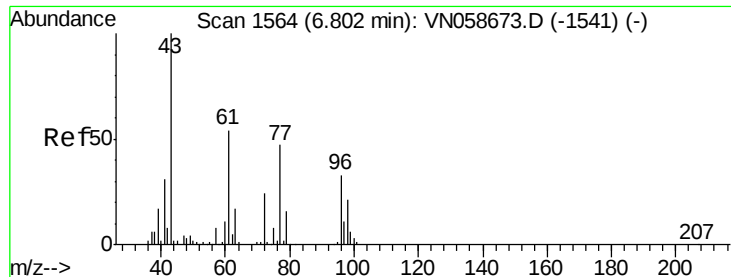
Tot Ion	Ratio	Lower	Upper
75	100		
110	33.5	0.0	64.6
77	31.6	0.0	60.8



#30
 2-Butanone
 Concen: 102.046 ug/l
 RT: 6.81 min Scan# 1566
 Delta R.T. -0.01 min
 Lab File: VN059127.D
 Acq: 7 Nov 2019 17:22

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.1	6.5	9.7
72	26.0	20.1	30.1





#31

2,2-Dichloropropane

Concen: 20.232 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VN059127.D

Acq: 7 Nov 2019 17:22

Instrument :

MSVOA_N

ClientSampleId :

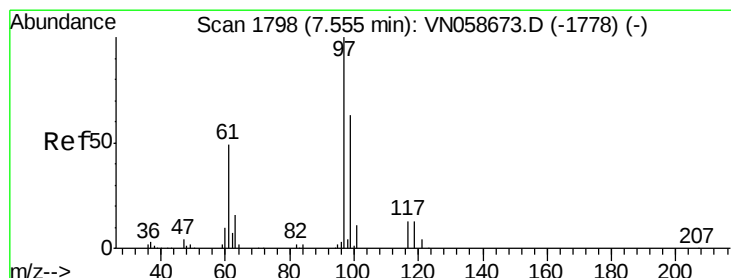
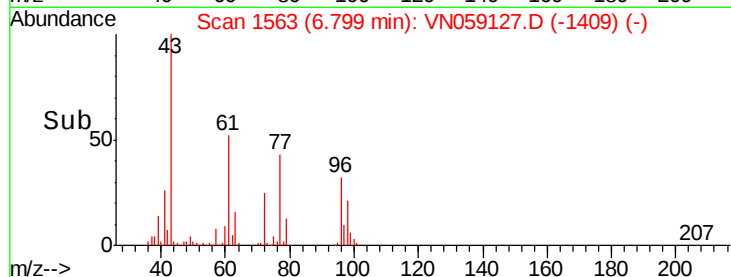
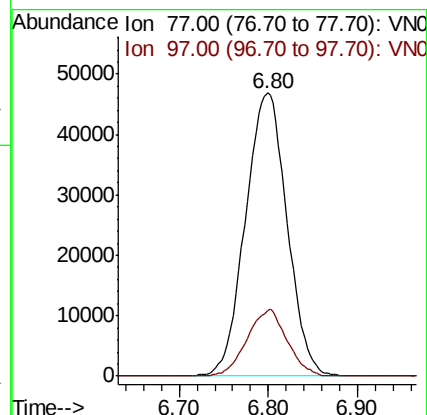
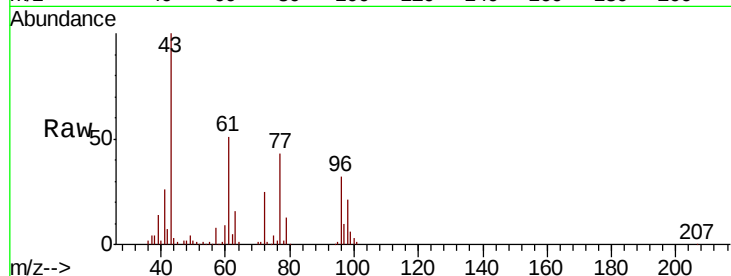
VSTDCCC020EC

Tot Ion: 77 Resp: 152146

Ion Ratio Lower Upper

77 100

97 22.7 17.9 26.9



#32

1,1,1-Trichloroethane

Concen: 20.192 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. -0.01 min

Lab File: VN059127.D

Acq: 7 Nov 2019 17:22

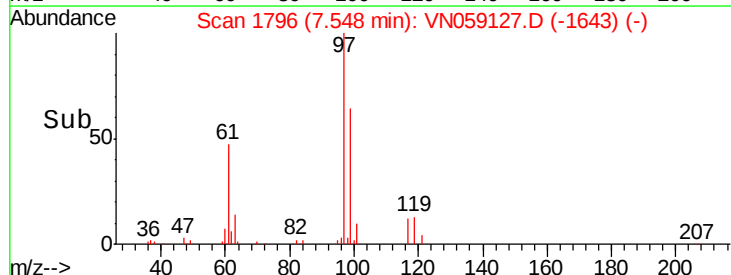
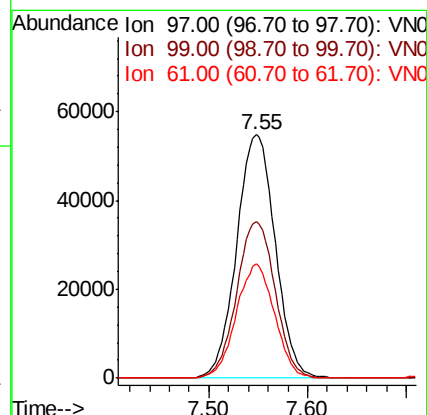
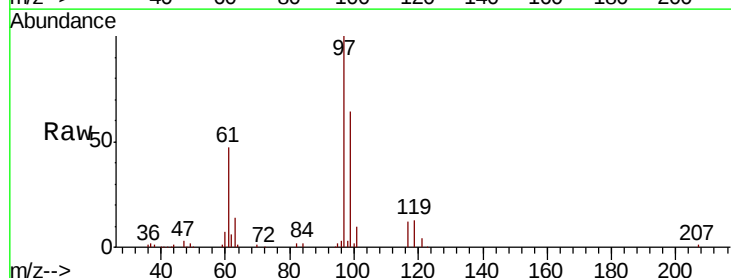
Tgt Ion: 97 Resp: 149006

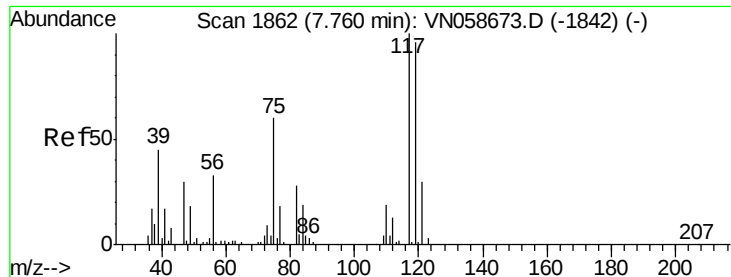
Ion Ratio Lower Upper

97 100

99 64.1 51.3 76.9

61 46.5 38.4 57.6





#33

Carbon Tetrachloride

Concen: 20.363 ug/l

RT: 7.75 min Scan# 1859

Delta R.T. -0.01 min

Lab File: VN059127.D

Acq: 7 Nov 2019 17:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

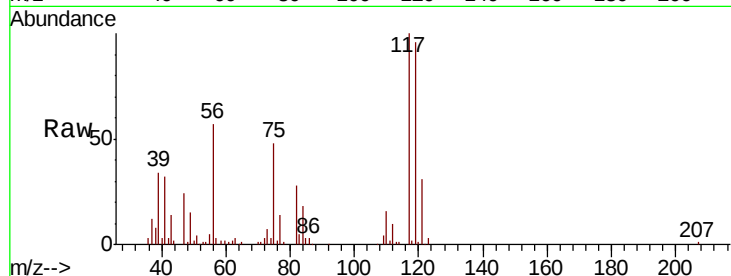
Tot Ion:117 Resp: 130069

Ion Ratio Lower Upper

117 100

119 96.1 76.9 115.3

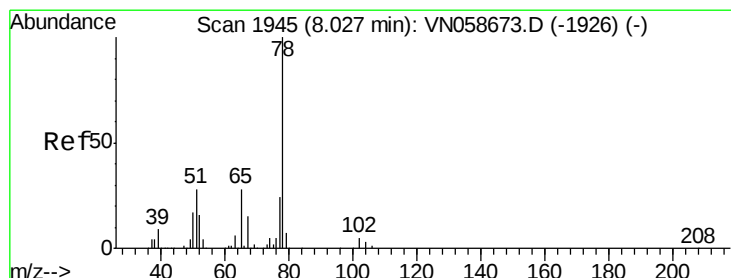
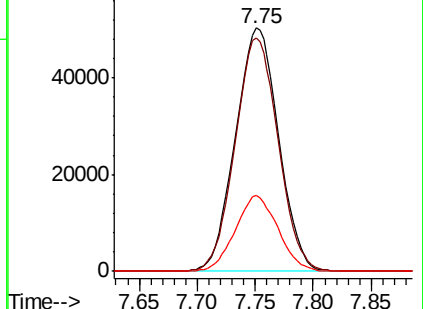
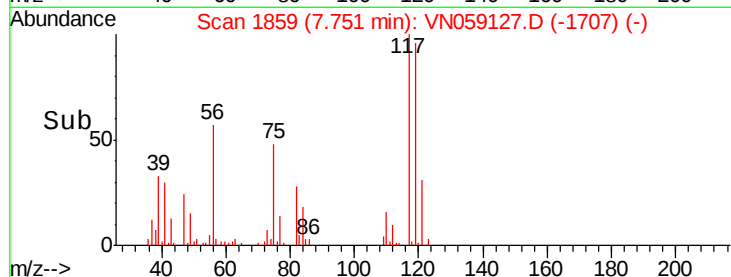
121 31.2 23.8 35.8



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 21.469 ug/l

RT: 8.02 min Scan# 1943

Delta R.T. -0.01 min

Lab File: VN059127.D

Acq: 7 Nov 2019 17:22

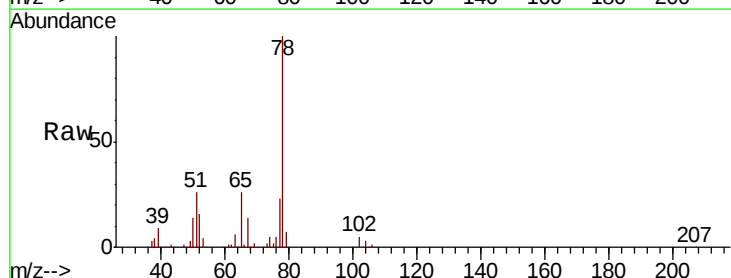
Tgt Ion: 78 Resp: 403261

Ion Ratio Lower Upper

78 100

77 23.0 19.2 28.8

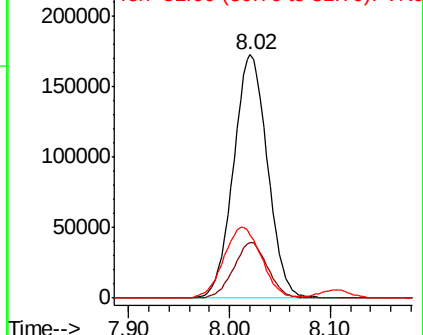
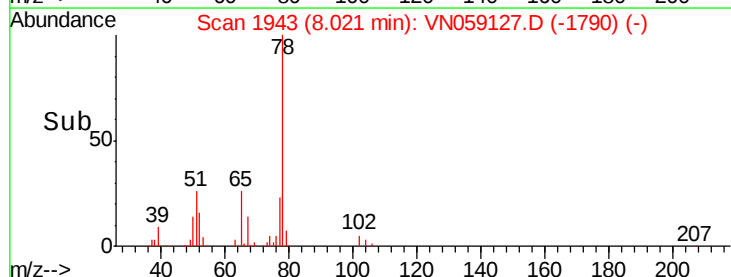
51 25.9 22.1 33.1

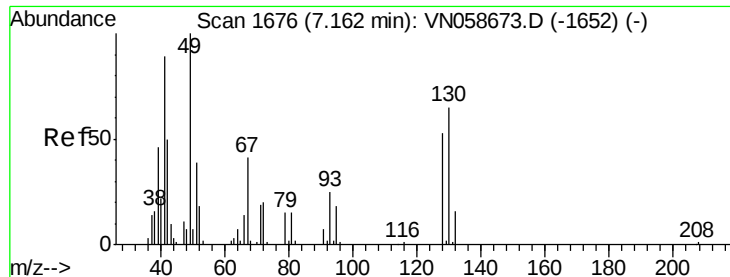


Abundance Ion 78.10 (77.80 to 78.80): V

Ion 77.00 (76.70 to 77.70): V

Ion 51.00 (50.70 to 51.70): V

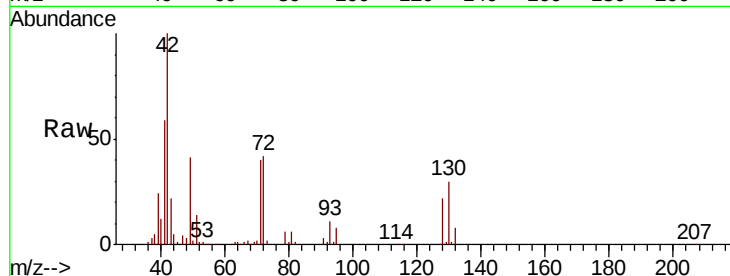




#35
Methacrylonitrile
Concen: 67.039 ug/l
RT: 7.18 min Scan# 1683
Delta R.T. 0.02 min
Lab File: VN059127.D
Acq: 7 Nov 2019 17:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	39.7	25.8	77.4
67	4.1	23.0	69.0#
52	2.3	10.1	30.1#



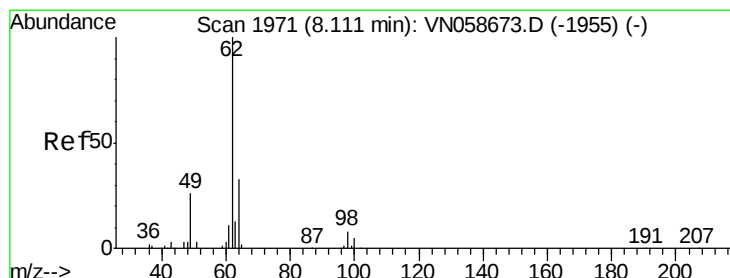
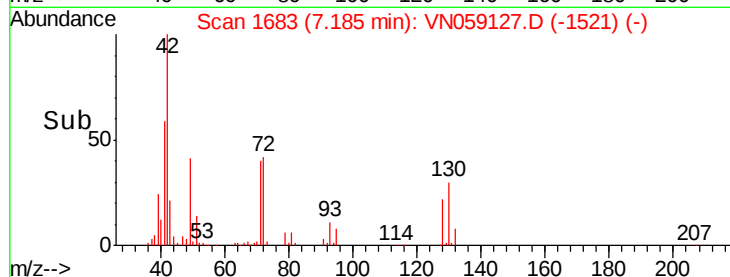
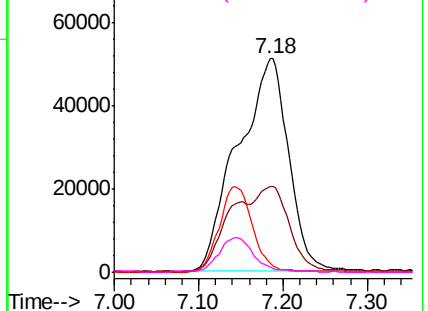
Abundance

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

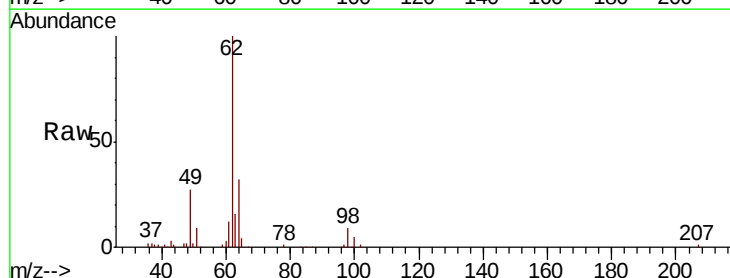
Ion 67.00 (66.70 to 67.70): VNO

Ion 52.00 (51.70 to 52.70): VNO



#36
1,2-Dichloroethane
Concen: 19.502 ug/l
RT: 8.10 min Scan# 1969
Delta R.T. -0.01 min
Lab File: VN059127.D
Acq: 7 Nov 2019 17:22

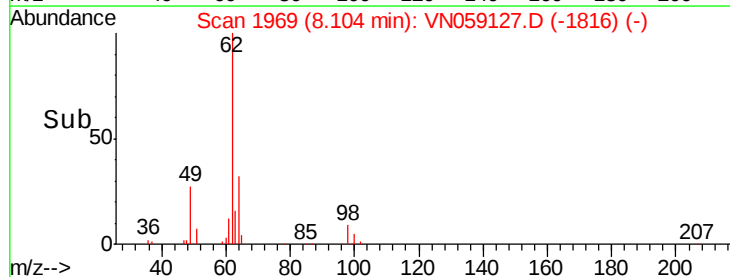
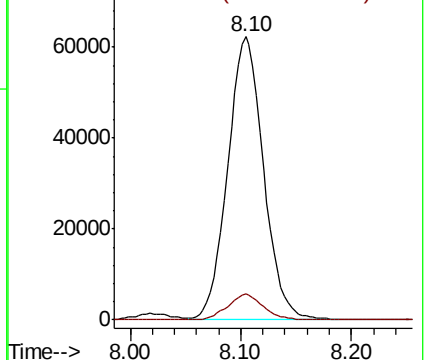
Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.0	6.4	9.6

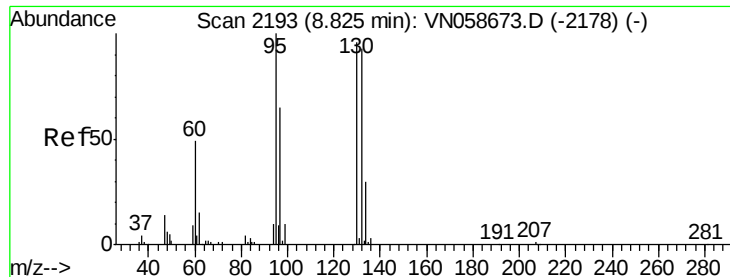


Abundance

Ion 62.00 (61.70 to 62.70): VNO

Ion 98.00 (97.70 to 98.70): VNO

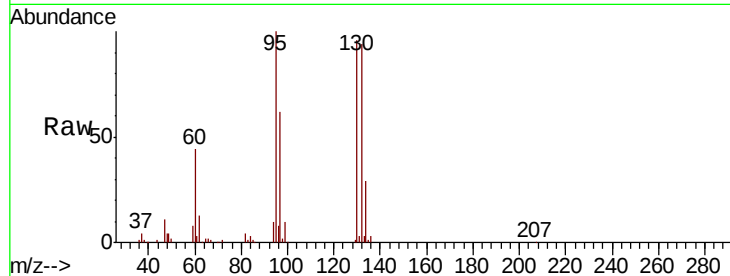




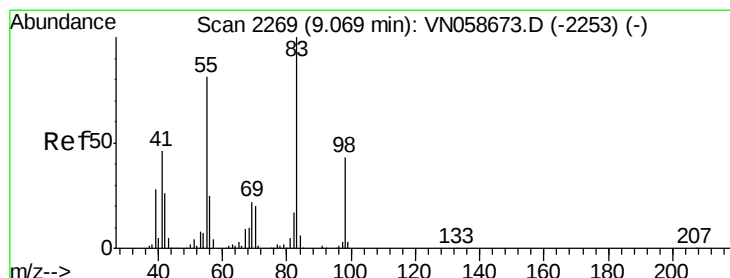
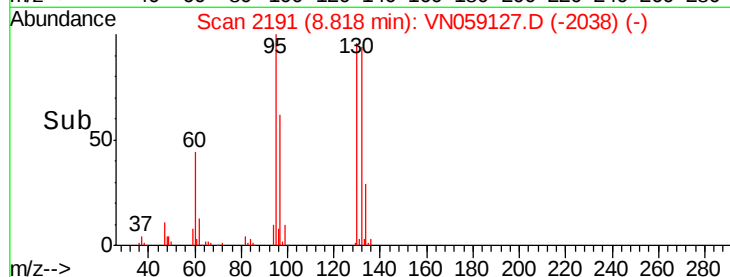
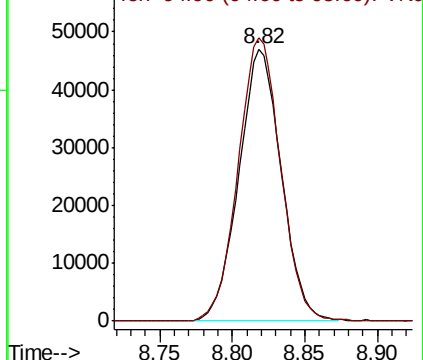
#37
 Trichloroethene
 Concen: 20.746 ug/l
 RT: 8.82 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: VN059127.D
 Acq: 7 Nov 2019 17:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tot Ion:130 Resp: 95736
 Ion Ratio Lower Upper
 130 100
 95 104.0 83.2 124.8

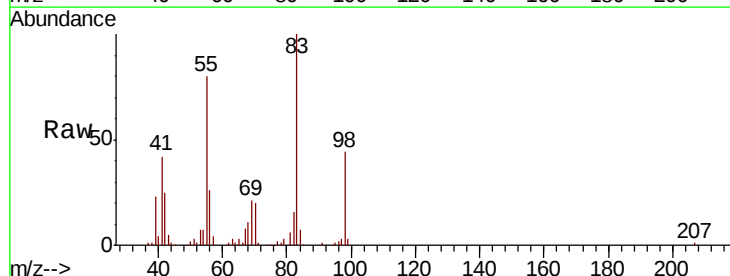


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VN

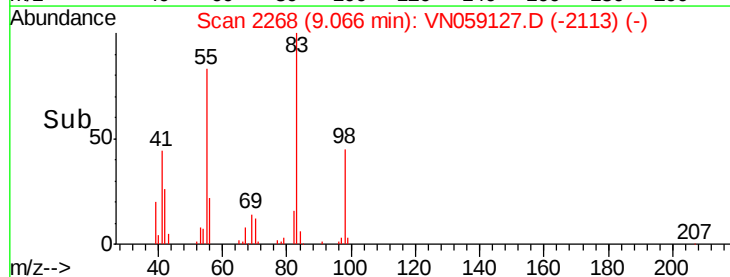
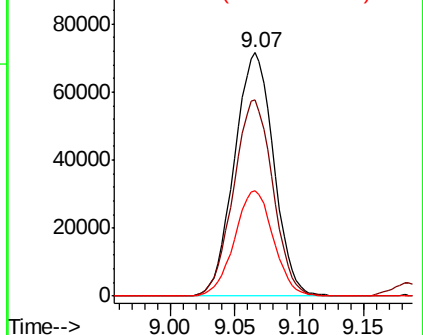


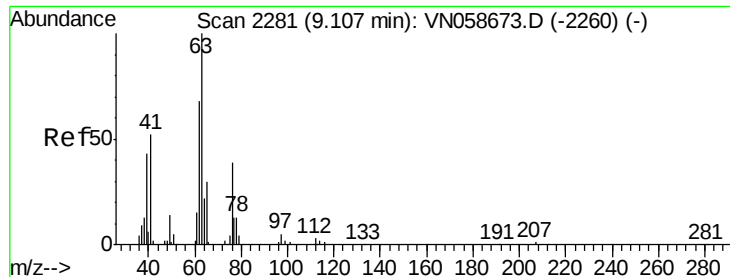
#38
 Methylcyclohexane
 Concen: 20.543 ug/l
 RT: 9.07 min Scan# 2268
 Delta R.T. -0.00 min
 Lab File: VN059127.D
 Acq: 7 Nov 2019 17:22

Tgt Ion: 83 Resp: 151971
 Ion Ratio Lower Upper
 83 100
 55 80.5 40.4 121.1
 98 42.9 21.6 65.0



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





#39

1,2-Dichloropropane

Concen: 21.441 ug/l

RT: 9.10 min Scan# 2279

Delta R.T. -0.01 min

Lab File: VN059127.D

Acq: 7 Nov 2019 17:22

Instrument :

MSVOA_N

ClientSampleId :

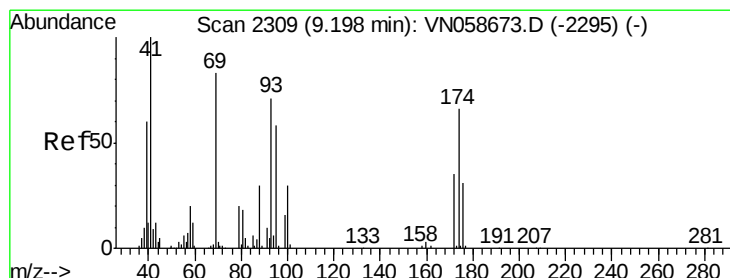
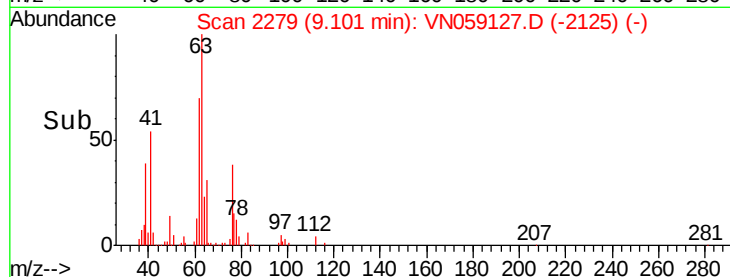
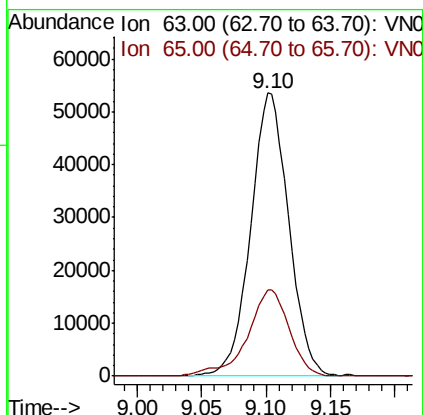
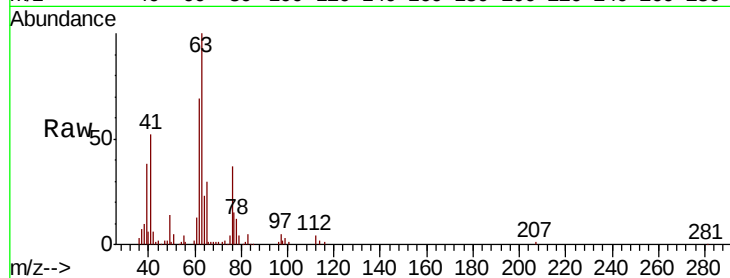
VSTDCCC020EC

Tot Ion: 63 Resp: 110062

Ion Ratio Lower Upper

63 100

65 30.4 23.8 35.6



#40

Dibromomethane

Concen: 20.409 ug/l

RT: 9.19 min Scan# 2308

Delta R.T. -0.00 min

Lab File: VN059127.D

Acq: 7 Nov 2019 17:22

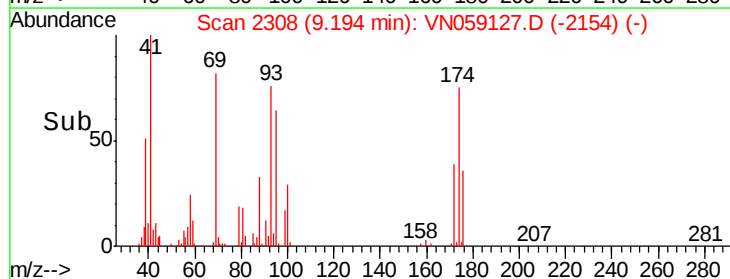
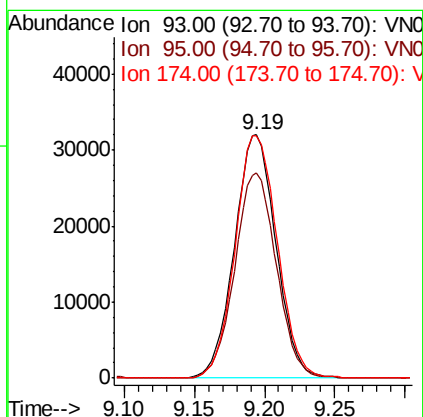
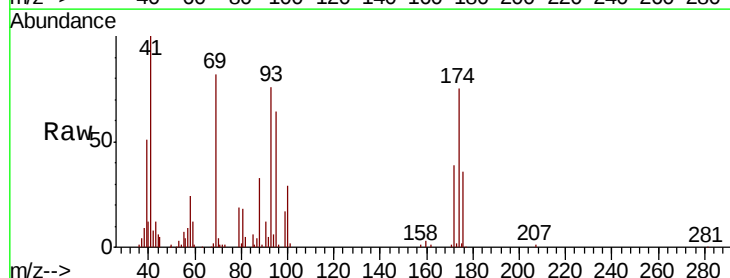
Tgt Ion: 93 Resp: 66138

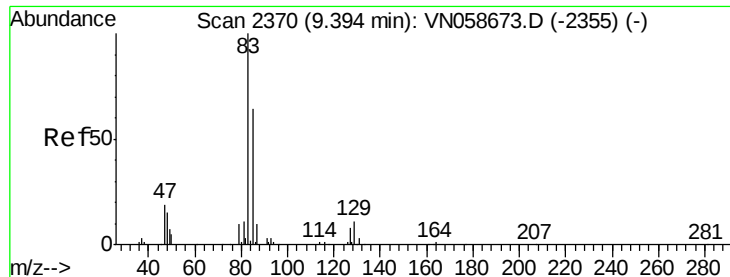
Ion Ratio Lower Upper

93 100

95 84.1 0.0 167.6

174 100.9 0.0 187.2





#41

Bromodichloromethane

Concen: 20.769 ug/l

RT: 9.39 min Scan# 2368

Delta R.T. -0.01 min

Lab File: VN059127.D

Acq: 7 Nov 2019 17:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

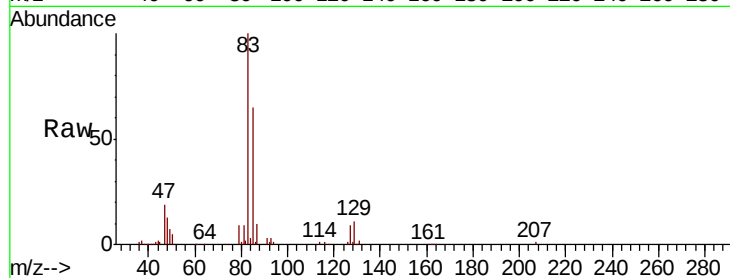
Tot Ion: 83 Resp: 137498

Ion Ratio Lower Upper

83 100

85 65.0 51.0 76.4

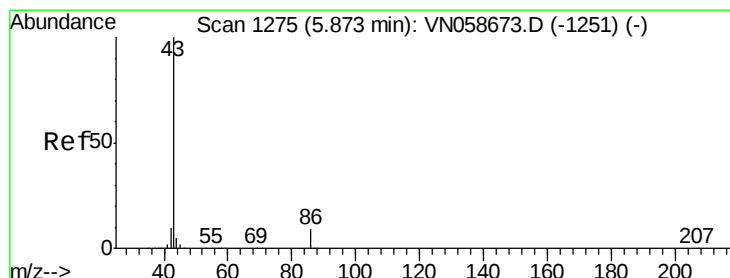
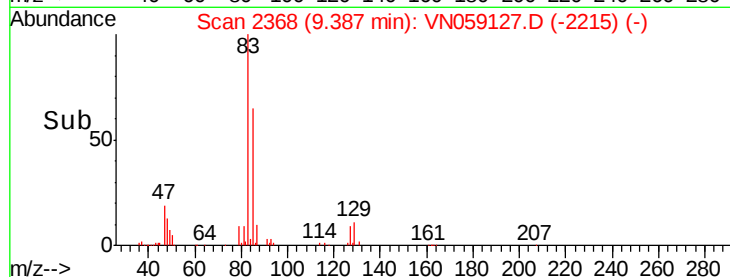
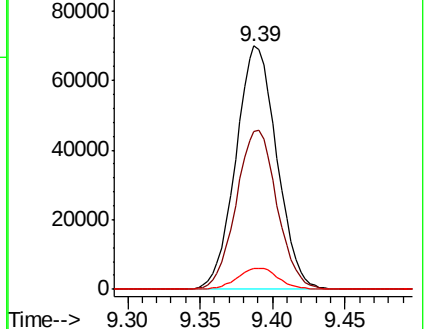
127 8.5 6.6 9.8



Abundance Ion 83.00 (82.70 to 83.70): VN058673.D (-2355) (-)

Ion 85.00 (84.70 to 85.70): VN058673.D (-2355) (-)

Ion 127.00 (126.70 to 127.70): VN058673.D (-2355) (-)



#42

Vinyl Acetate

Concen: 108.878 ug/l

RT: 5.87 min Scan# 1273

Delta R.T. -0.01 min

Lab File: VN059127.D

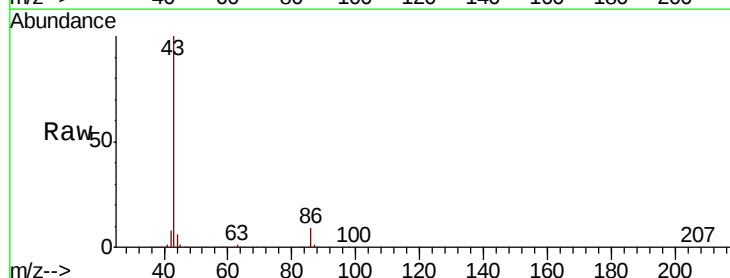
Acq: 7 Nov 2019 17:22

Tgt Ion: 43 Resp: 1374833

Ion Ratio Lower Upper

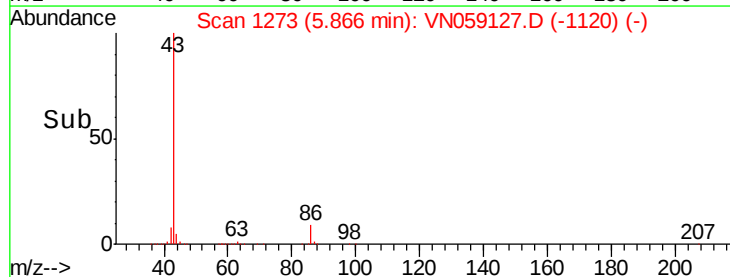
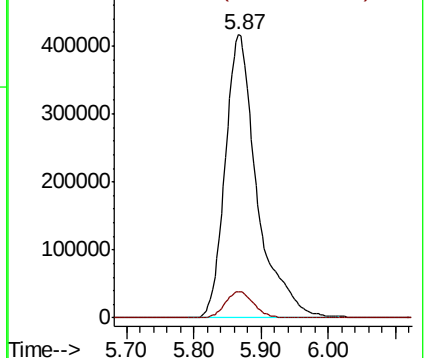
43 100

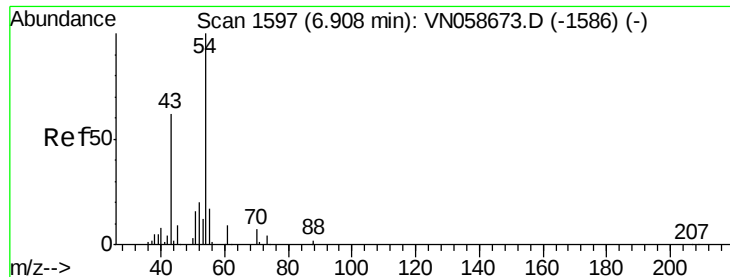
86 8.3 6.5 9.7



Abundance Ion 43.00 (42.70 to 43.70): VN058673.D (-1251) (-)

Ion 86.00 (85.70 to 86.70): VN058673.D (-1251) (-)





#43

Ethyl Acetate

Concen: 20.838 ug/l

RT: 6.90 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VN059127.D

Acq: 7 Nov 2019 17:22

Instrument :

MSVOA_N

ClientSampleId :

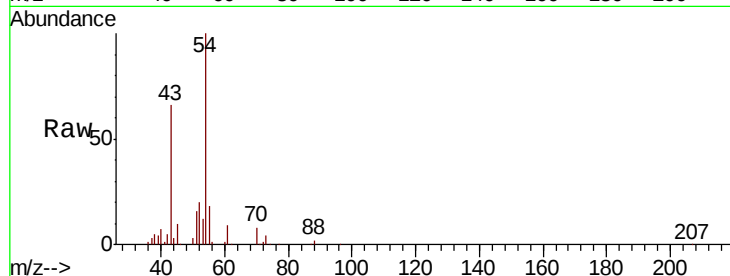
VSTDCCC020EC

Tot Ion: 43 Resp: 147468

Ion Ratio Lower Upper

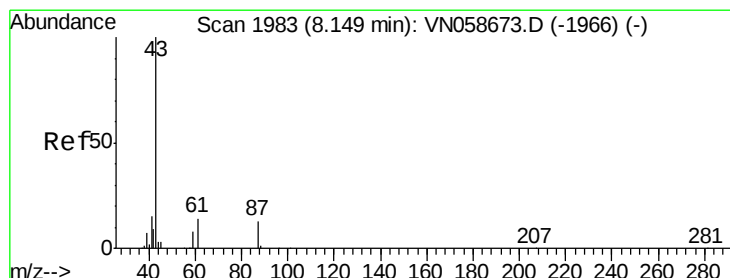
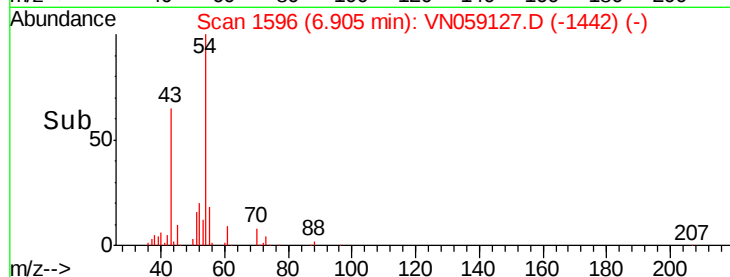
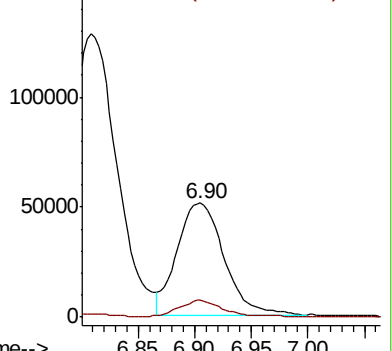
43 100

45 15.0 9.7 14.5#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 45.00 (44.70 to 45.70): VN0



#44

Isopropyl Acetate

Concen: 20.377 ug/l

RT: 8.15 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VN059127.D

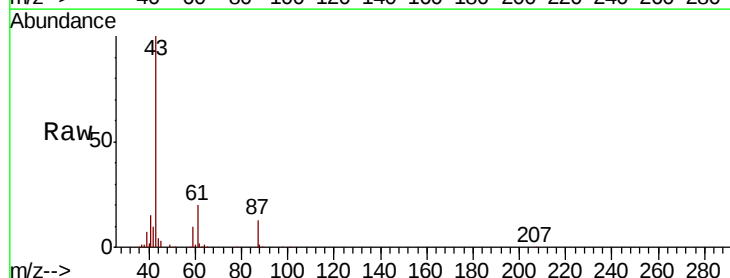
Acq: 7 Nov 2019 17:22

Tgt Ion: 43 Resp: 233578

Ion Ratio Lower Upper

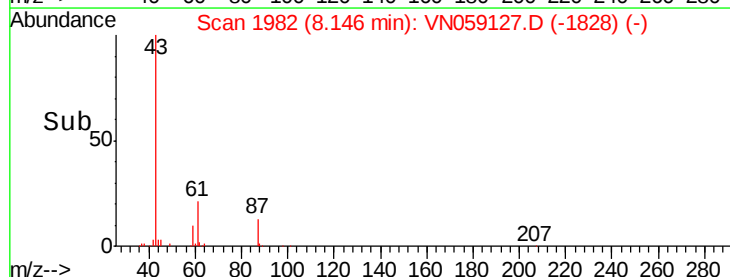
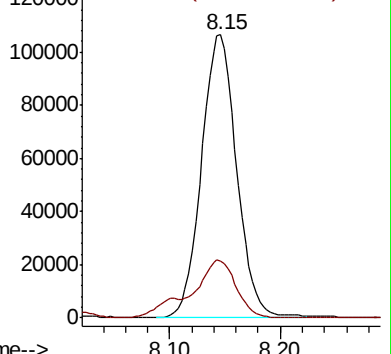
43 100

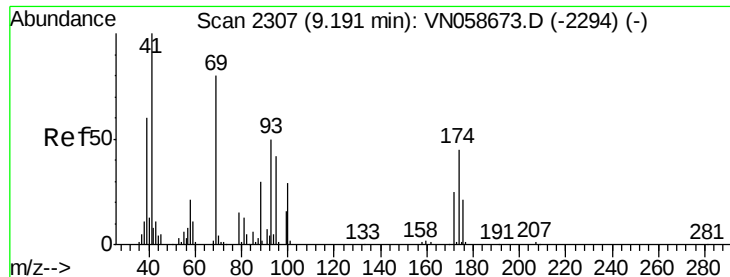
61 21.1 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

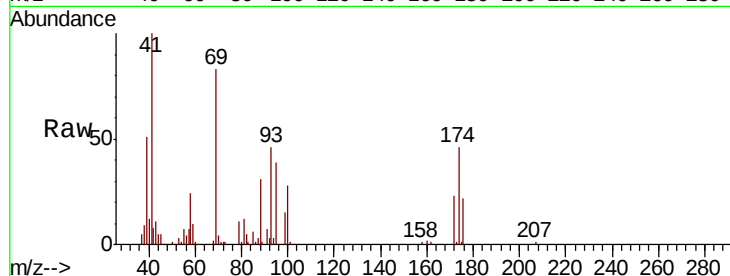




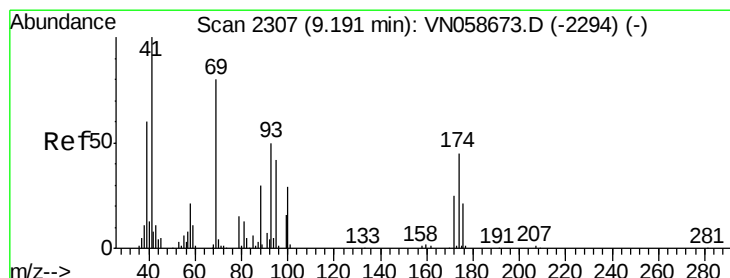
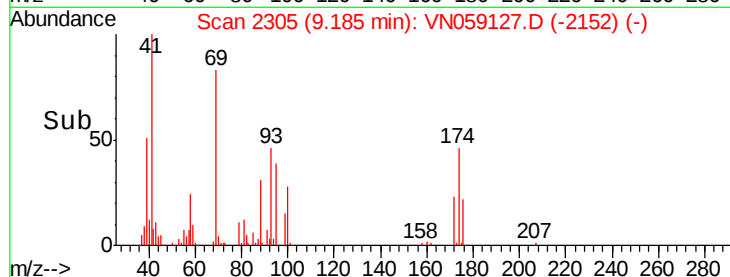
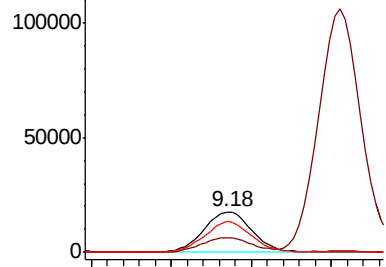
#45
1,4-Dioxane
Concen: 410.019 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. -0.01 min
Lab File: VN059127.D
Acq: 7 Nov 2019 17:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion: 88 Resp: 36090
Ion Ratio Lower Upper
88 100
43 34.8 29.8 44.8
58 74.2 58.2 87.4

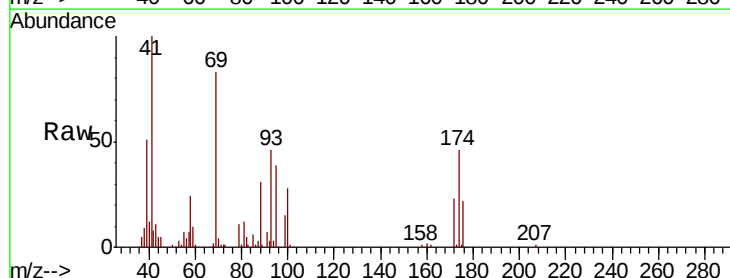


Abundance Ion 88.00 (87.70 to 88.70): VNO
Ion 43.00 (42.70 to 43.70): VNO
Ion 58.00 (57.70 to 58.70): VNO

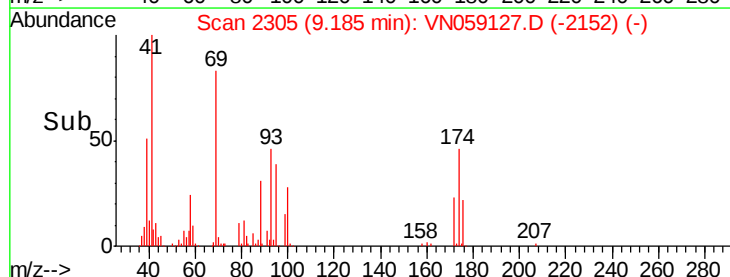
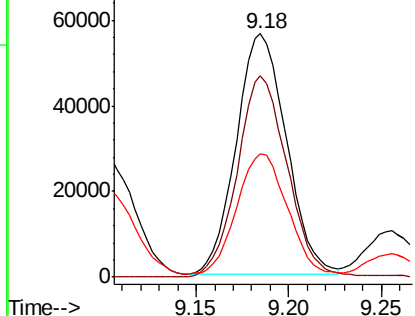


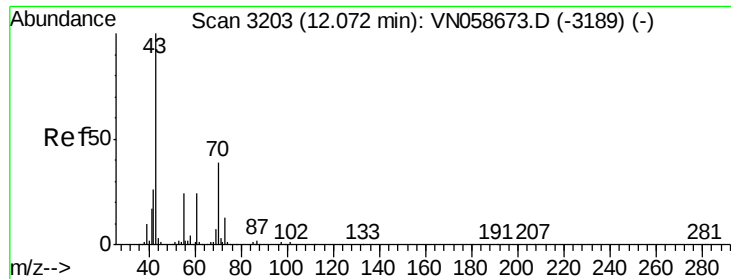
#46
Methyl methacrylate
Concen: 20.076 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. -0.01 min
Lab File: VN059127.D
Acq: 7 Nov 2019 17:22

Tgt Ion: 41 Resp: 105651
Ion Ratio Lower Upper
41 100
69 83.3 40.2 120.5
39 50.2 29.9 89.8



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

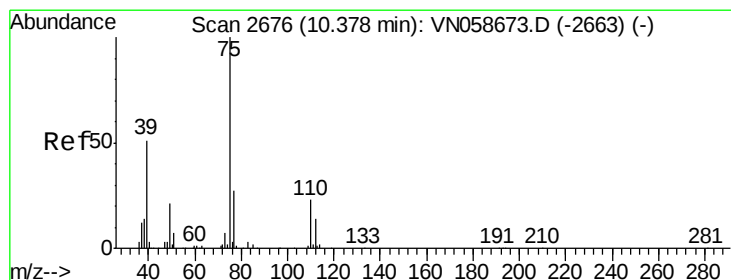
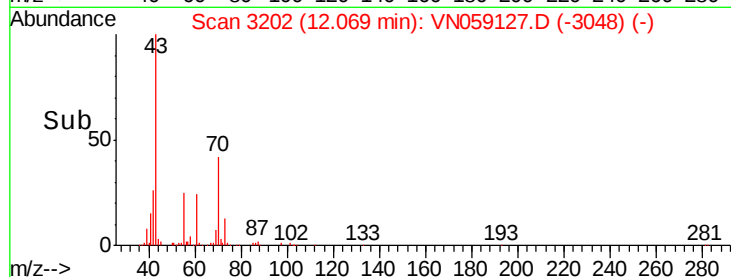
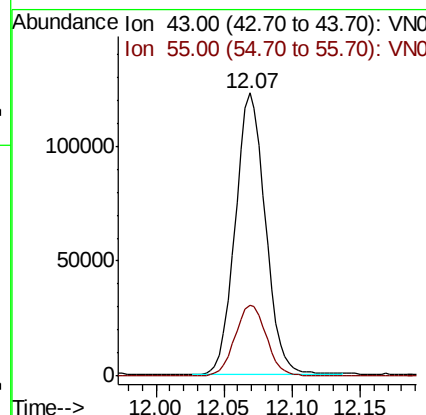
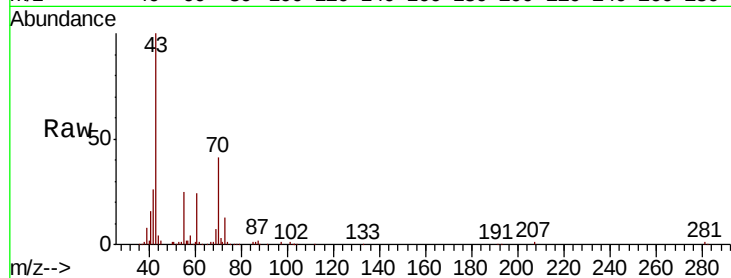




#47
n-amvl Acetate
Concen: 18.473 ug/l
RT: 12.07 min Scan# 3202
Delta R.T. -0.00 min
Lab File: VN059127.D
Acq: 7 Nov 2019 17:22

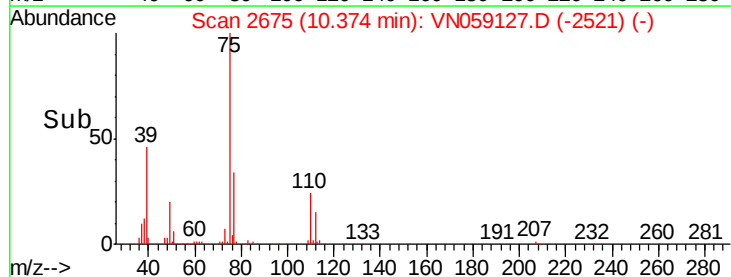
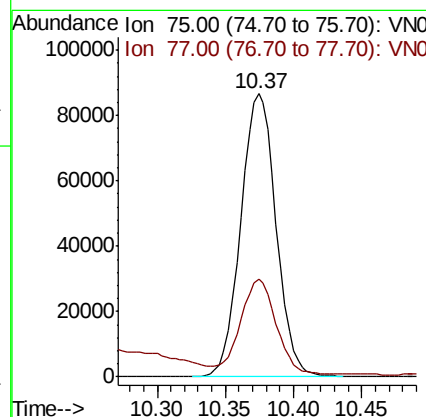
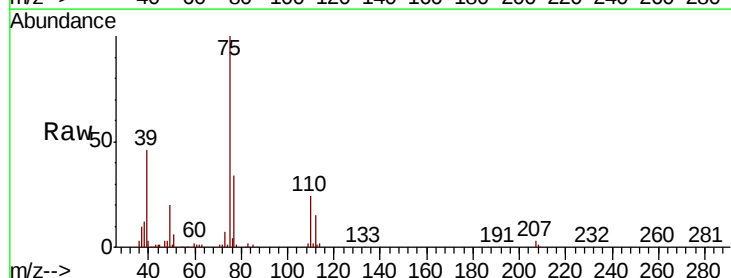
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

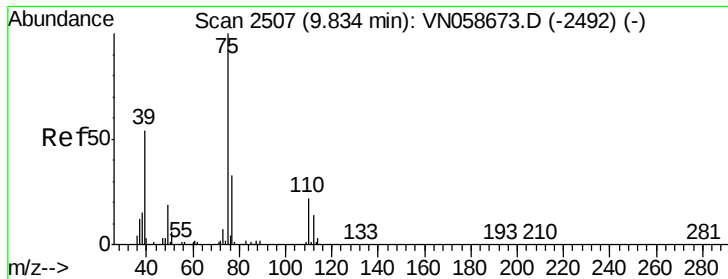
Tot Ion: 43 Resp: 187713
Ion Ratio Lower Upper
43 100
55 26.4 19.6 29.4



#48
t-1,3-Dichloropropene
Concen: 20.250 ug/l
RT: 10.37 min Scan# 2675
Delta R.T. -0.00 min
Lab File: VN059127.D
Acq: 7 Nov 2019 17:22

Tgt Ion: 75 Resp: 155475
Ion Ratio Lower Upper
75 100
77 33.3 27.0 40.4



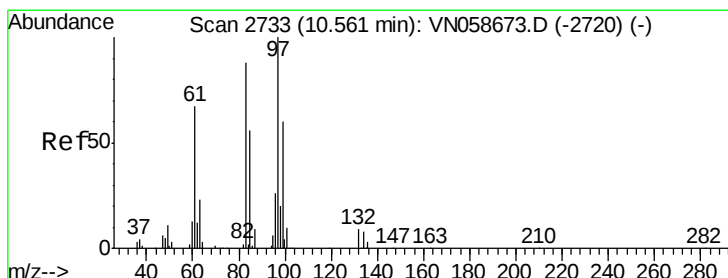
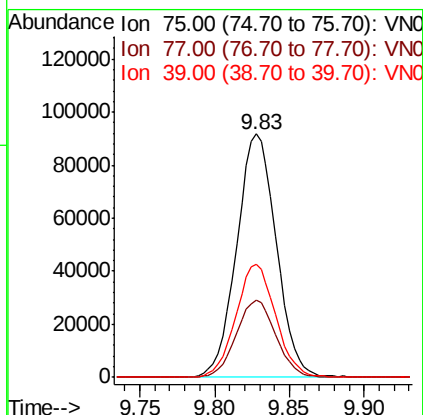
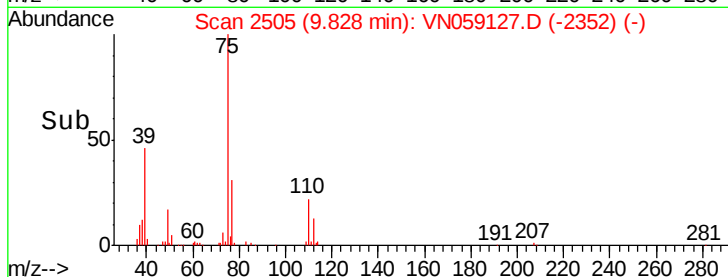
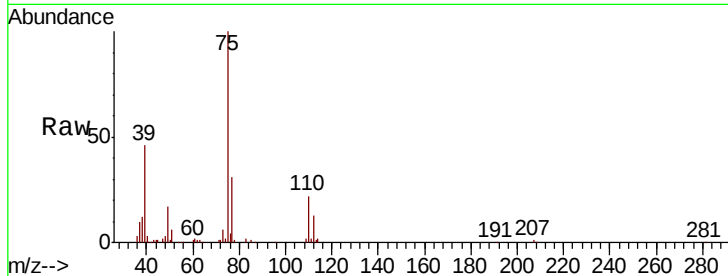


#49

cis-1,3-Dichloropropene
Concen: 20.955 ug/l
RT: 9.83 min Scan# 2505
Delta R.T. -0.01 min
Lab File: VN059127.D
Acq: 7 Nov 2019 17:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

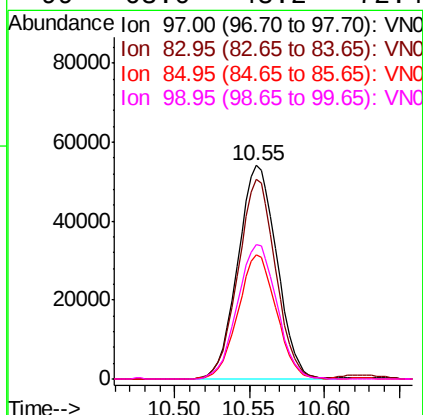
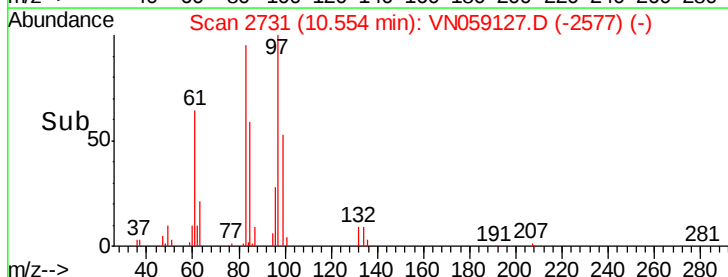
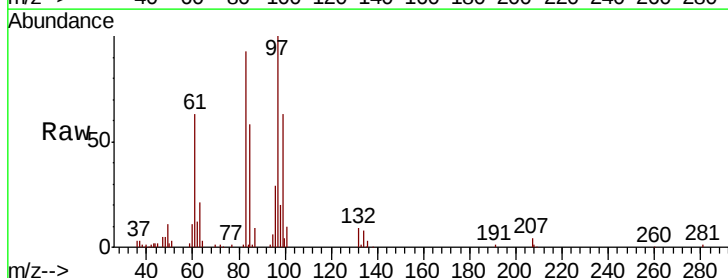
Tot Ion	Ratio	Lower	Upper
75	100		
77	31.5	26.1	39.1
39	46.4	43.1	64.7

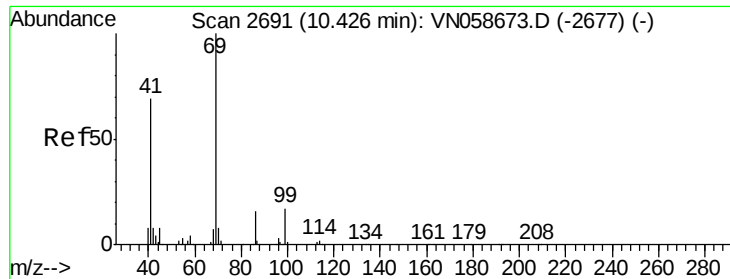


#50

1,1,2-Trichloroethane
Concen: 21.289 ug/l
RT: 10.55 min Scan# 2731
Delta R.T. -0.01 min
Lab File: VN059127.D
Acq: 7 Nov 2019 17:22

Tgt Ion	Ratio	Lower	Upper
97	100		
83	93.4	70.7	106.1
85	58.4	45.1	67.7
99	63.0	48.2	72.4





#51

Ethyl methacrylate

Concen: 19.893 ug/l

RT: 10.42 min Scan# 2690

Delta R.T. -0.00 min

Lab File: VN059127.D

Acq: 7 Nov 2019 17:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

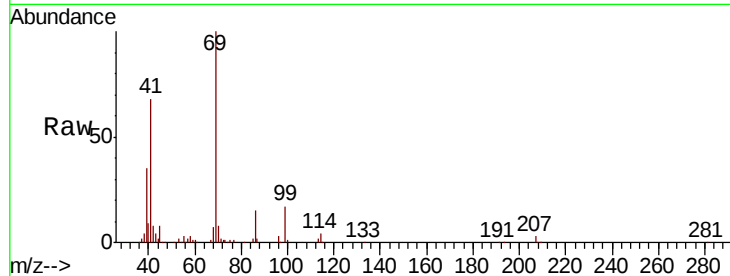
Tot Ion: 69 Resp: 147153

Ion Ratio Lower Upper

69 100

41 67.0 34.7 104.1

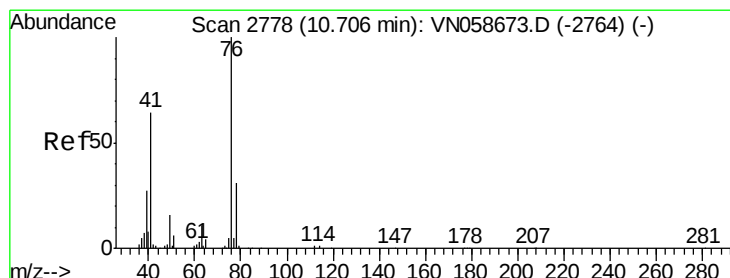
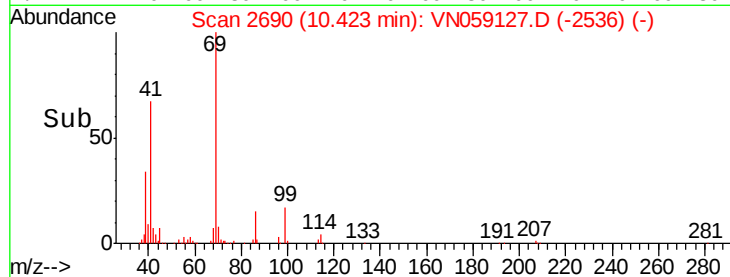
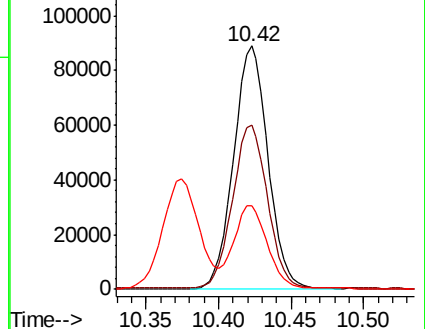
39 34.1 20.3 60.8



Abundance Ion 69.00 (68.70 to 69.70): VN059127.D (-2677) (-)

Ion 41.00 (40.70 to 41.70): VN059127.D (-2677) (-)

Ion 39.00 (38.70 to 39.70): VN059127.D (-2677) (-)



#52

1,3-Dichloropropane

Concen: 20.798 ug/l

RT: 10.70 min Scan# 2777

Delta R.T. -0.00 min

Lab File: VN059127.D

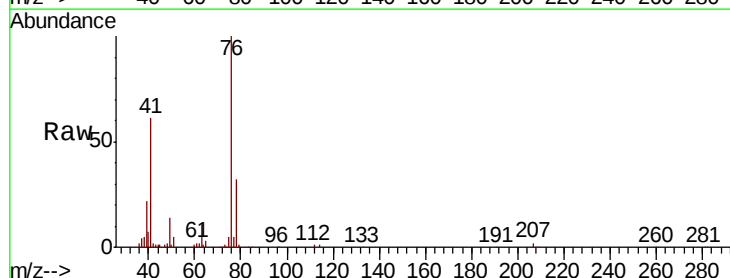
Acq: 7 Nov 2019 17:22

Tgt Ion: 76 Resp: 171347

Ion Ratio Lower Upper

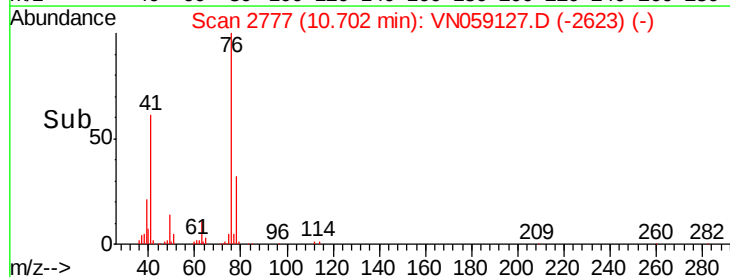
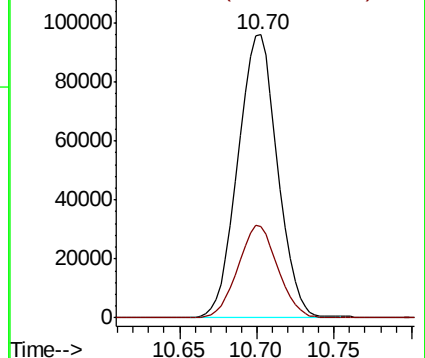
76 100

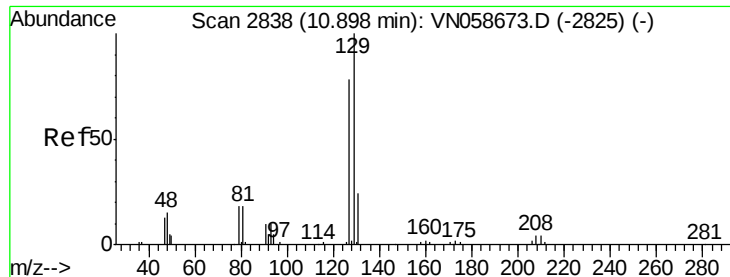
78 32.9 0.0 63.2



Abundance Ion 76.00 (75.70 to 76.70): VN059127.D (-2764) (-)

Ion 78.00 (77.70 to 78.70): VN059127.D (-2764) (-)





#53

Dibromochloromethane

Concen: 20.721 ug/l

RT: 10.90 min Scan# 2837

Delta R.T. -0.00 min

Lab File: VN059127.D

Acq: 7 Nov 2019 17:22

Instrument :

MSVOA_N

ClientSampleId :

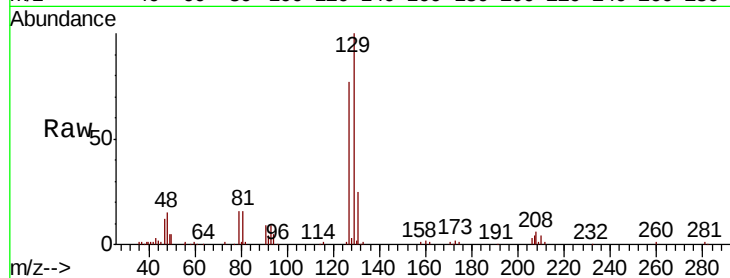
VSTDCCC020EC

Tot Ion:129 Resp: 102874

Ion Ratio Lower Upper

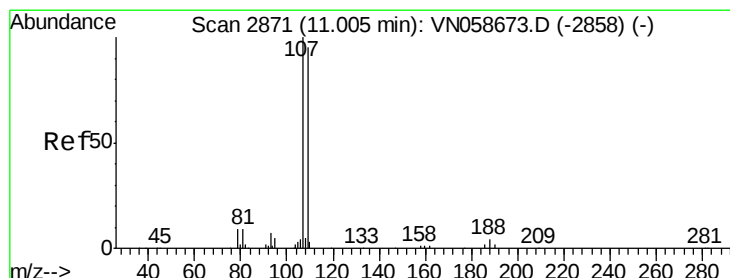
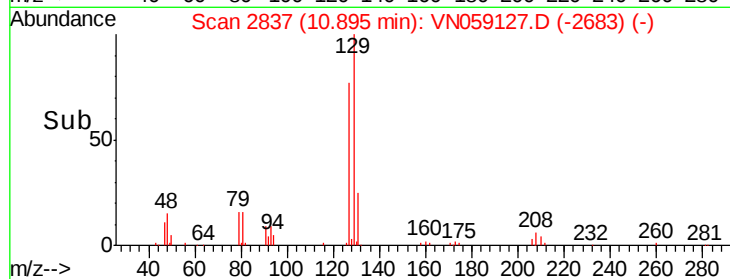
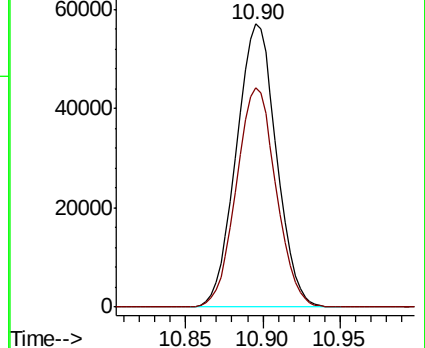
129 100

127 76.8 39.1 117.5



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 20.741 ug/l

RT: 11.00 min Scan# 2870

Delta R.T. -0.00 min

Lab File: VN059127.D

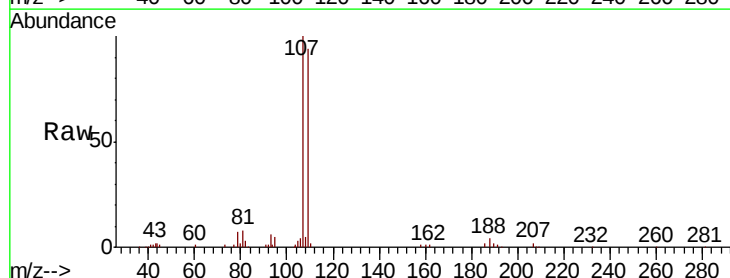
Acq: 7 Nov 2019 17:22

Tgt Ion:107 Resp: 99452

Ion Ratio Lower Upper

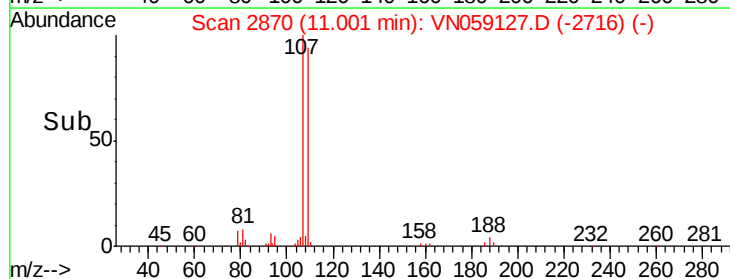
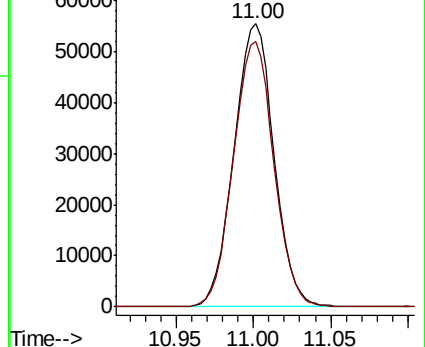
107 100

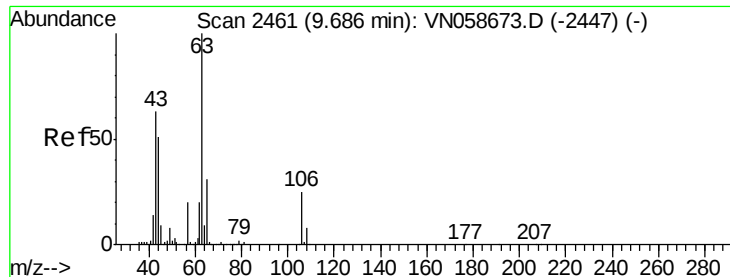
109 95.0 76.2 114.4



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





#55

2-Chloroethyl vinyl ether

Concen: 86.802 ug/l

RT: 9.68 min Scan# 2460

Delta R.T. -0.00 min

Lab File: VN059127.D

Acq: 7 Nov 2019 17:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

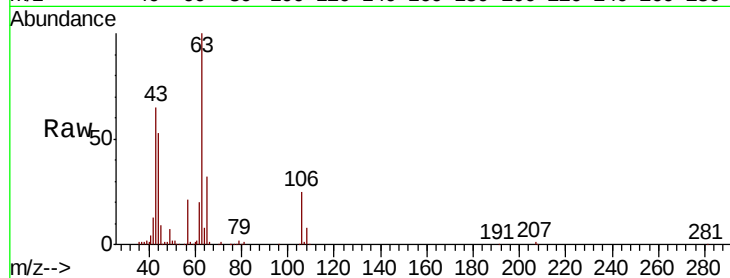
Tot Ion: 63 Resp: 319397

Ion Ratio Lower Upper

63 100

65 32.0 25.3 37.9

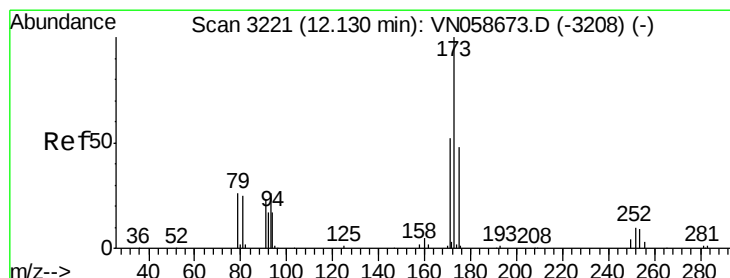
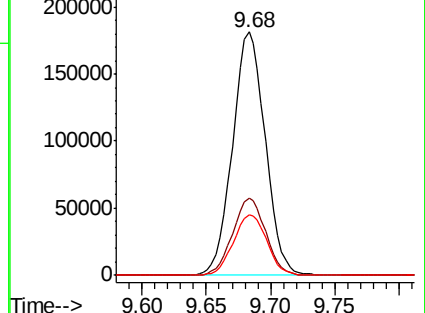
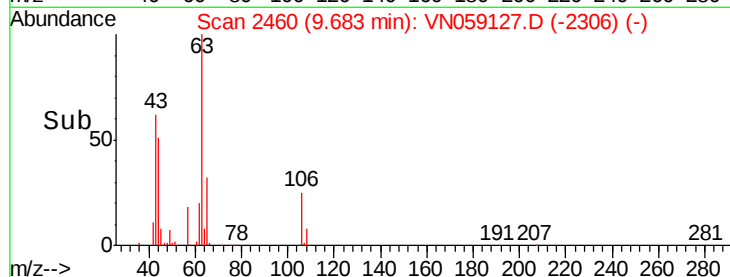
106 25.4 19.8 29.6



Abundance Ion 63.00 (62.70 to 63.70): VN059127.D (-2306) (-)

Ion 65.00 (64.70 to 65.70): VN059127.D (-2306) (-)

Ion 106.00 (105.70 to 106.70): VN059127.D (-2306) (-)



#56

Bromoform

Concen: 21.405 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. -0.00 min

Lab File: VN059127.D

Acq: 7 Nov 2019 17:22

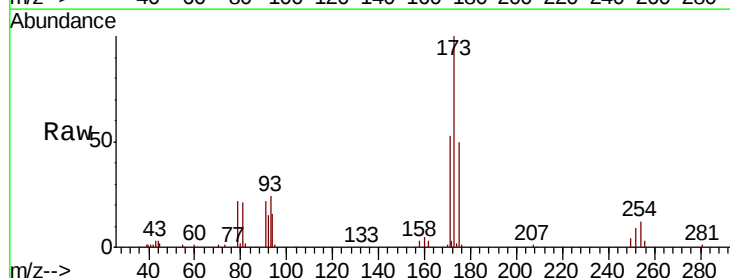
Tgt Ion: 173 Resp: 74030

Ion Ratio Lower Upper

173 100

175 48.5 38.7 58.1

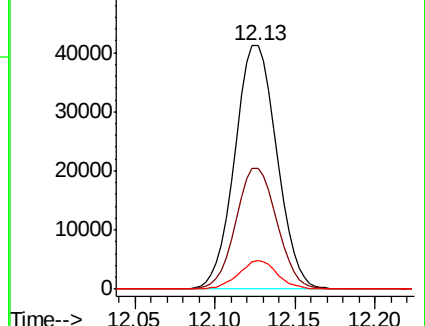
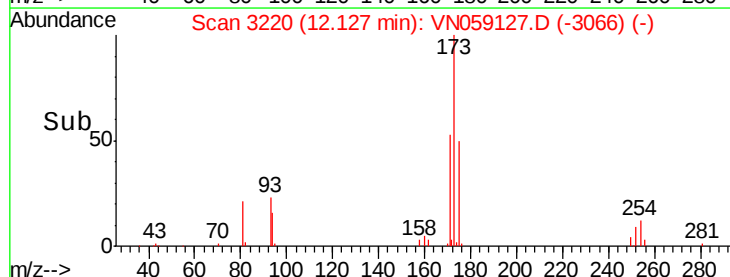
254 10.6 7.4 11.2

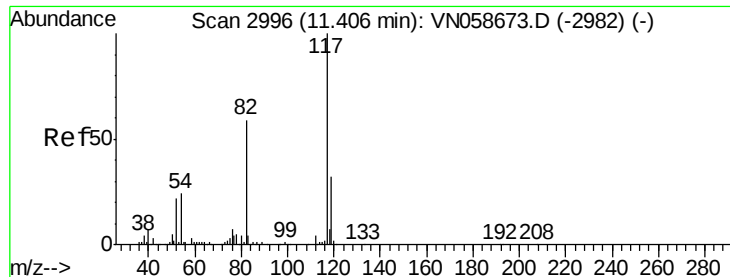


Abundance Ion 173.00 (172.70 to 173.70): VN059127.D (-3066) (-)

Ion 175.00 (174.70 to 175.70): VN059127.D (-3066) (-)

Ion 254.00 (253.70 to 254.70): VN059127.D (-3066) (-)





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN059127.D

Acq: 7 Nov 2019 17:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

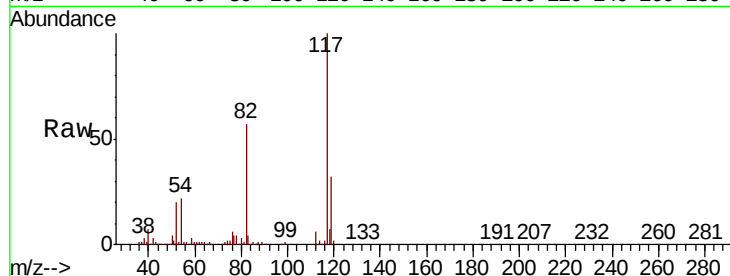
Tot Ion:117 Resp: 368243

Ion Ratio Lower Upper

117 100

82 57.6 46.9 70.3

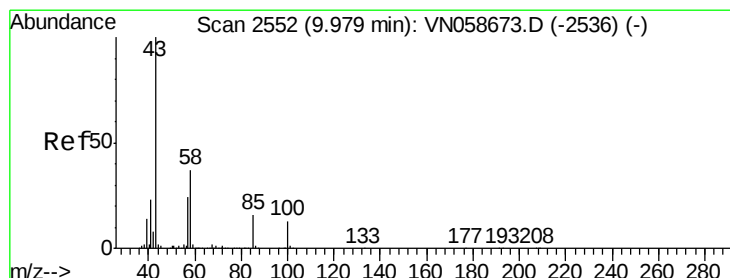
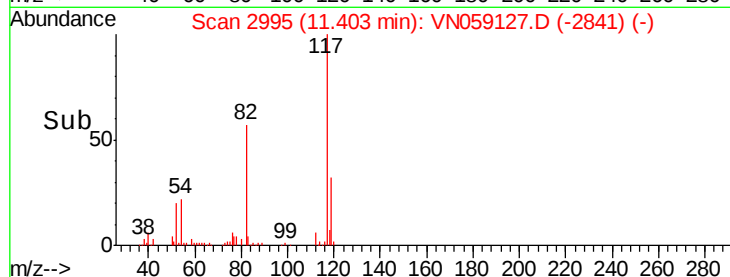
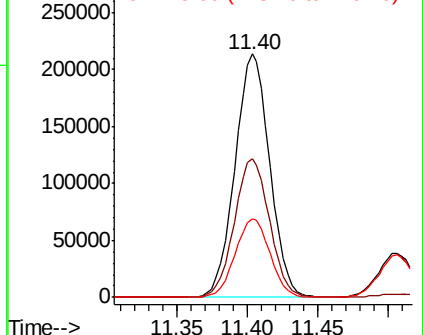
119 32.5 25.8 38.6



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VN

Ion 119.00 (118.70 to 119.70): V



#58

4-Methyl-2-Pentanone

Concen: 110.683 ug/l

RT: 9.97 min Scan# 2550

Delta R.T. -0.01 min

Lab File: VN059127.D

Acq: 7 Nov 2019 17:22

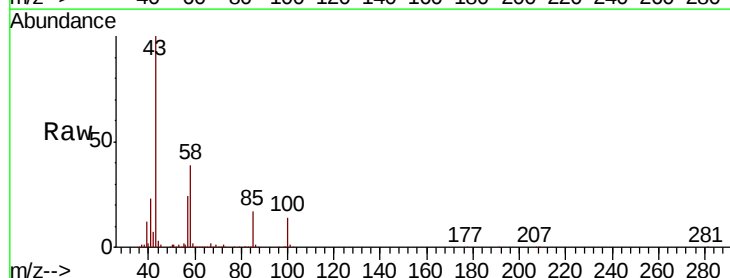
Tgt Ion: 43 Resp: 743540

Ion Ratio Lower Upper

43 100

58 39.1 30.1 45.1

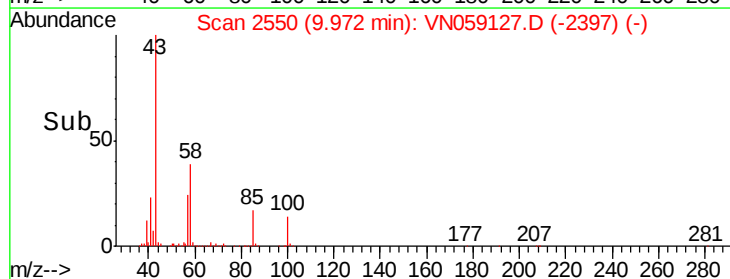
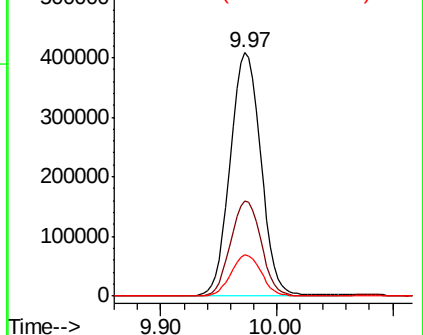
85 16.8 13.2 19.8

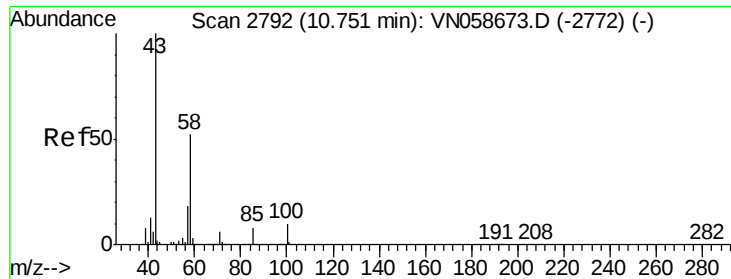


Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

Ion 85.00 (84.70 to 85.70): VN

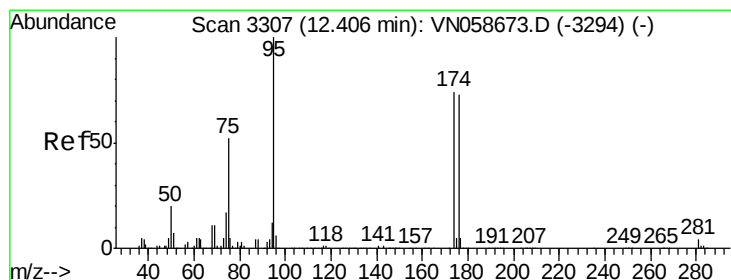
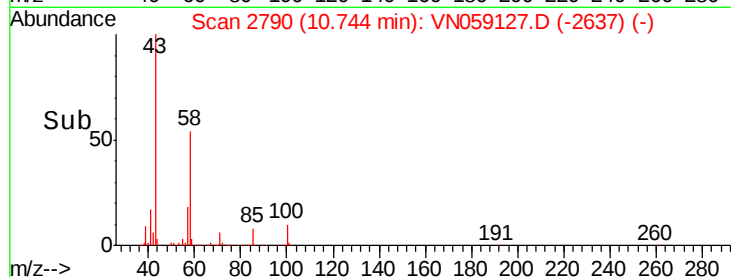
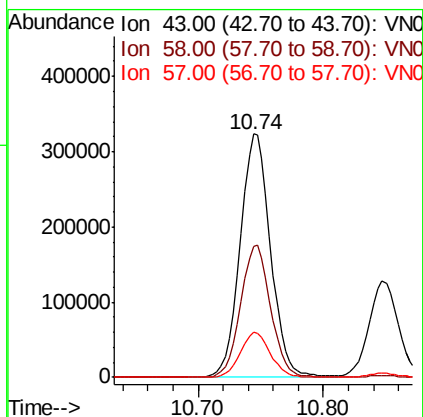
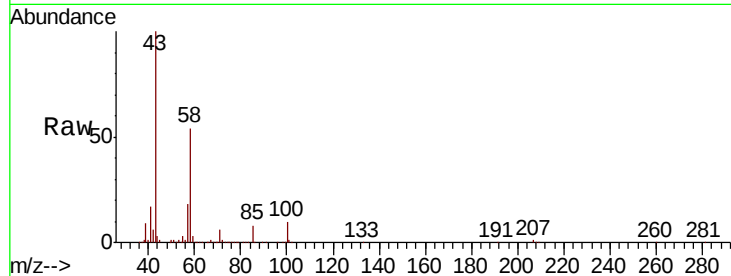




#59
2-Hexanone
Concen: 102.640 ug/l
RT: 10.74 min Scan# 2790
Delta R.T. -0.01 min
Lab File: VN059127.D
Acq: 7 Nov 2019 17:22

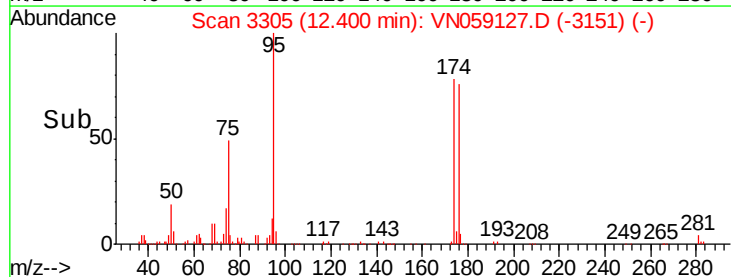
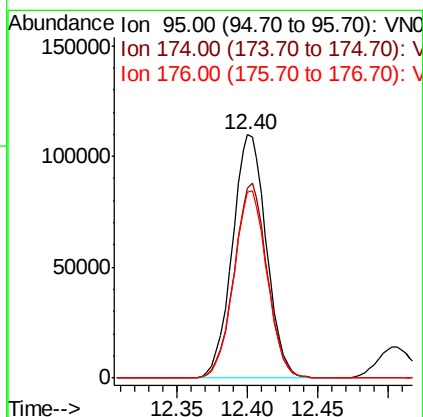
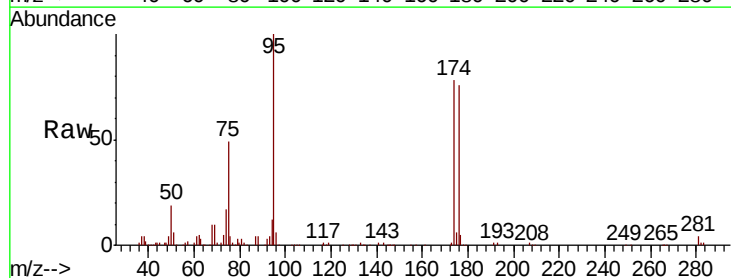
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

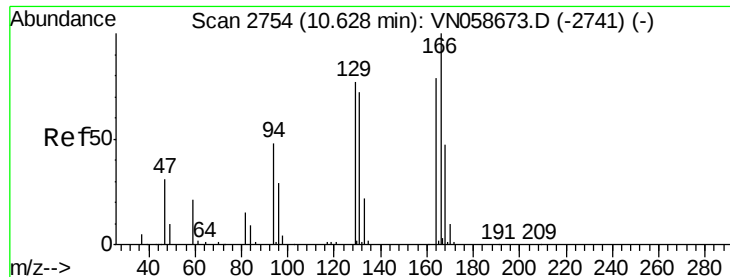
Tot Ion: 43 Resp: 540555
Ion Ratio Lower Upper
43 100
58 54.2 41.4 62.0
57 18.5 14.7 22.1



#60
4-Bromofluorobenzene
Concen: 28.756 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.01 min
Lab File: VN059127.D
Acq: 7 Nov 2019 17:22

Tgt Ion: 95 Resp: 185232
Ion Ratio Lower Upper
95 100
174 77.8 59.9 89.9
176 75.7 58.3 87.5





#61

Tetrachloroethene

Concen: 21.492 ug/l

RT: 10.63 min Scan# 2753

Delta R.T. -0.00 min

Lab File: VN059127.D

Acq: 7 Nov 2019 17:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tot Ion:164 Resp: 85521

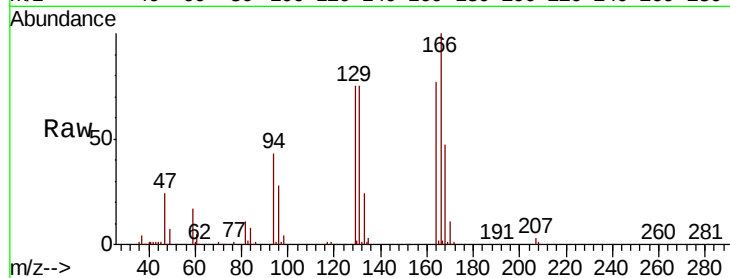
Ion Ratio Lower Upper

164 100

166 130.2 101.4 152.2

129 97.7 78.1 117.1

131 97.6 73.2 109.8

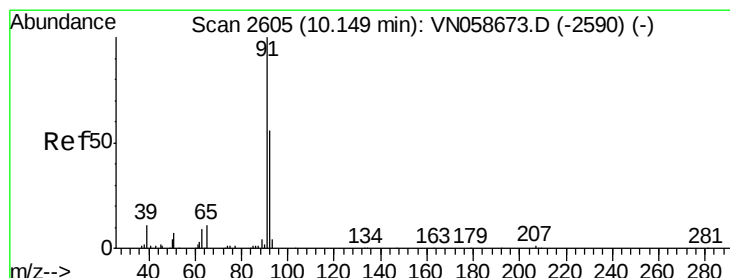
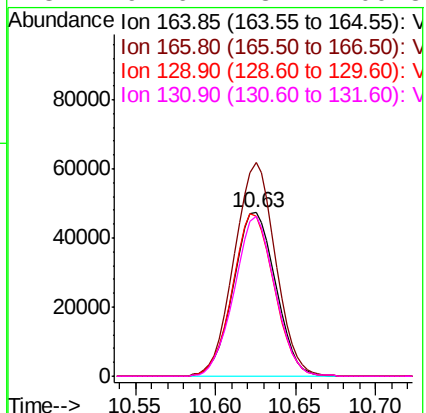
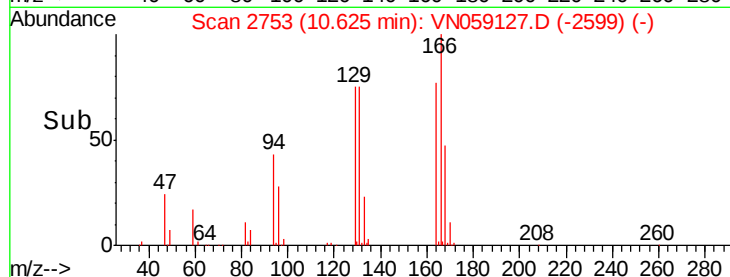


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 21.246 ug/l

RT: 10.15 min Scan# 2604

Delta R.T. -0.00 min

Lab File: VN059127.D

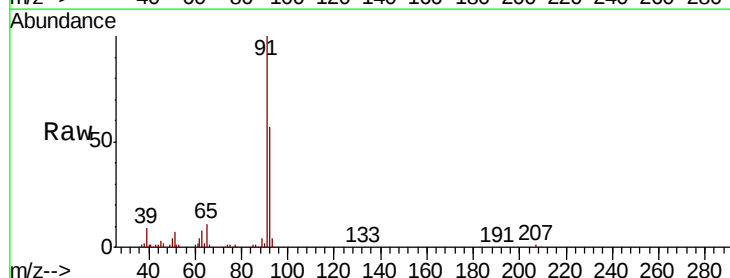
Acq: 7 Nov 2019 17:22

Tgt Ion: 91 Resp: 420851

Ion Ratio Lower Upper

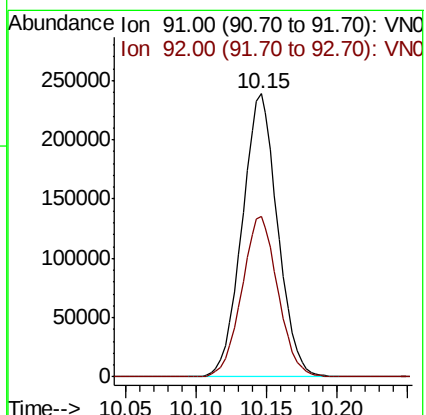
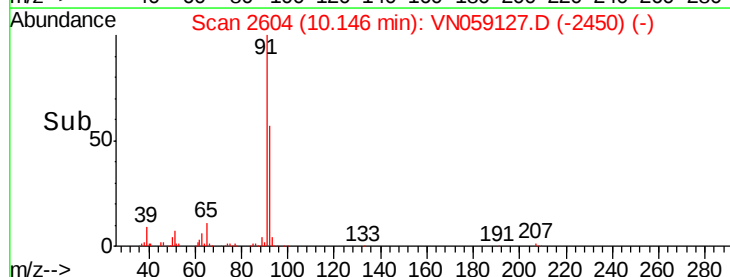
91 100

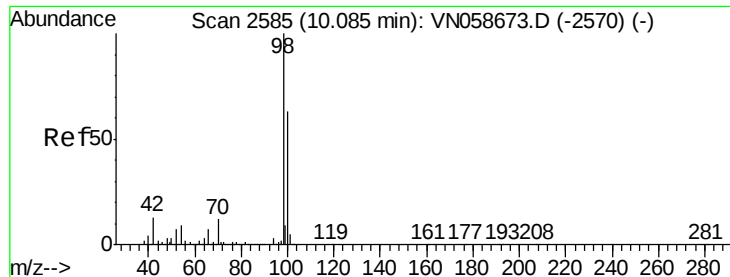
92 57.6 45.4 68.2



Abundance Ion 91.00 (90.70 to 91.70): VNO

Ion 92.00 (91.70 to 92.70): VNO





#63

Toluene-d8

Concen: 29.888 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.01 min

Lab File: VN059127.D

Acq: 7 Nov 2019 17:22

Instrument :

MSVOA_N

ClientSampleId :

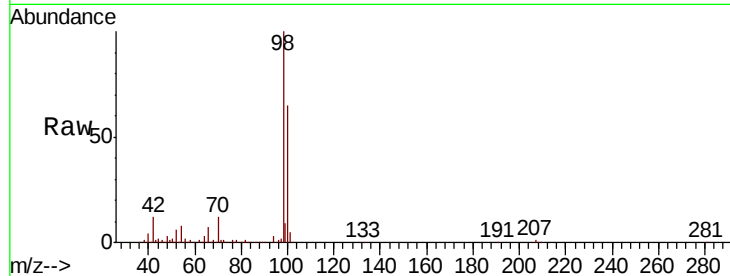
VSTDCCC020EC

Tot Ion: 98 Resp: 519662

Ion Ratio Lower Upper

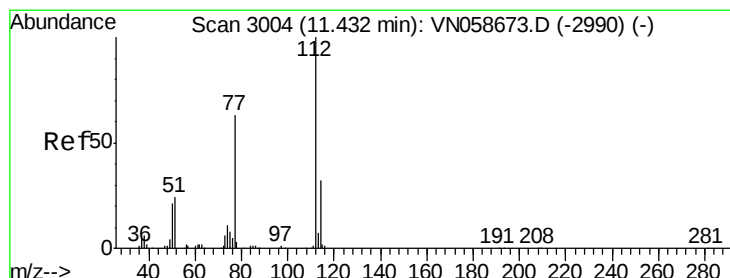
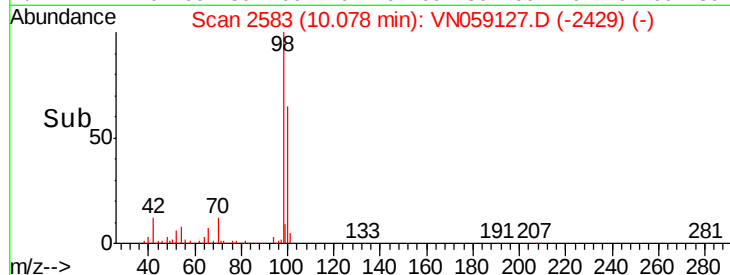
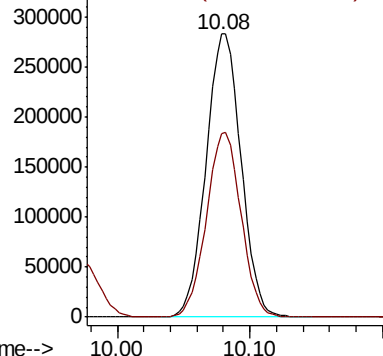
98 100

100 64.2 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#64

Chlorobenzene

Concen: 20.707 ug/l

RT: 11.43 min Scan# 3003

Delta R.T. -0.00 min

Lab File: VN059127.D

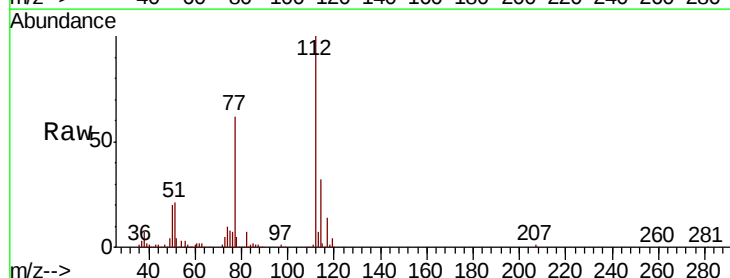
Acq: 7 Nov 2019 17:22

Tgt Ion: 112 Resp: 250769

Ion Ratio Lower Upper

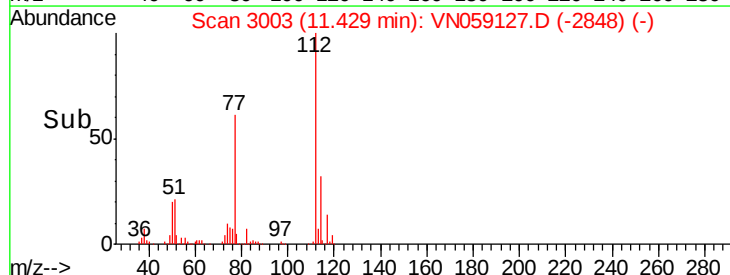
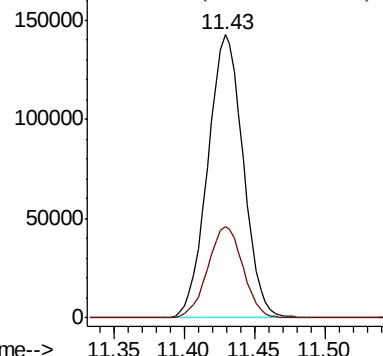
112 100

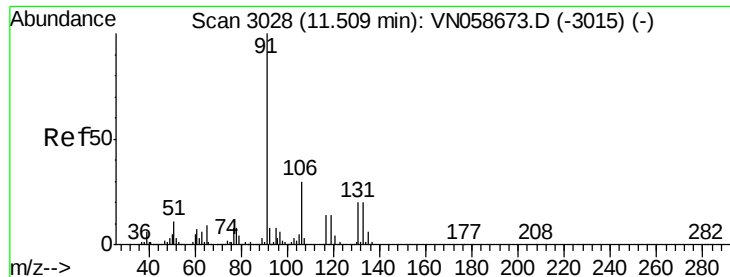
114 32.3 25.7 38.5



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V





#65

1,1,1,2-Tetrachloroethane

Concen: 21.145 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. -0.00 min

Lab File: VN059127.D

Acq: 7 Nov 2019 17:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

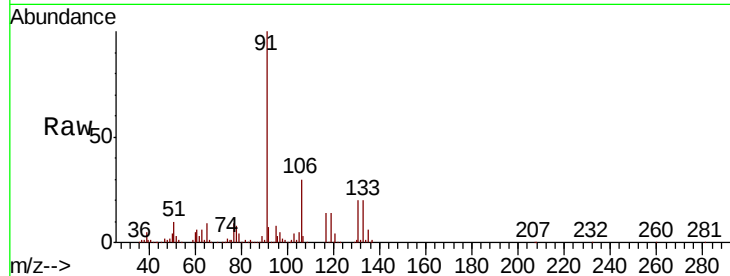
Tot Ion:131 Resp: 96020

Ion Ratio Lower Upper

131 100

133 96.5 0.0 194.0

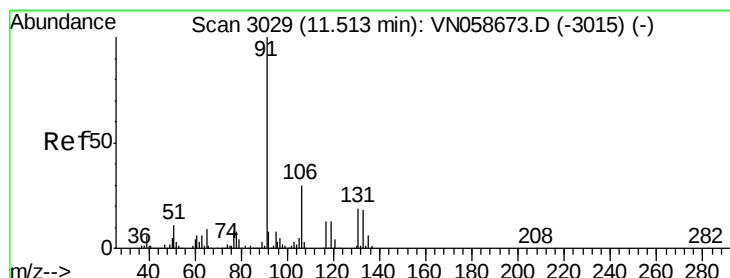
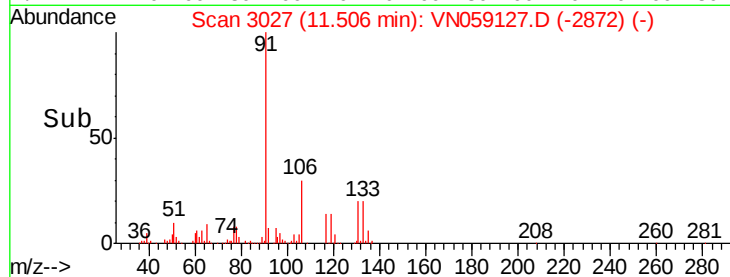
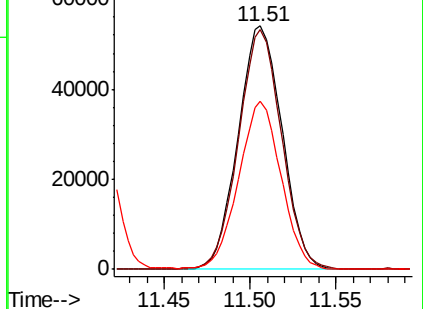
119 66.5 0.0 136.8



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 20.822 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. -0.00 min

Lab File: VN059127.D

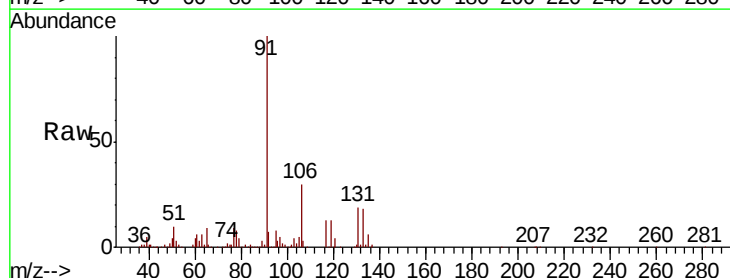
Acq: 7 Nov 2019 17:22

Tgt Ion: 91 Resp: 456690

Ion Ratio Lower Upper

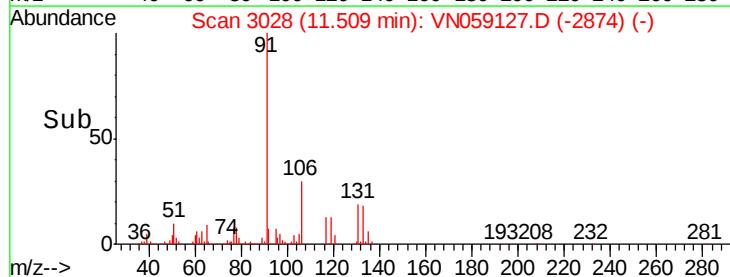
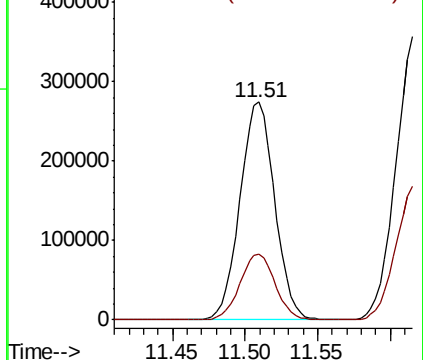
91 100

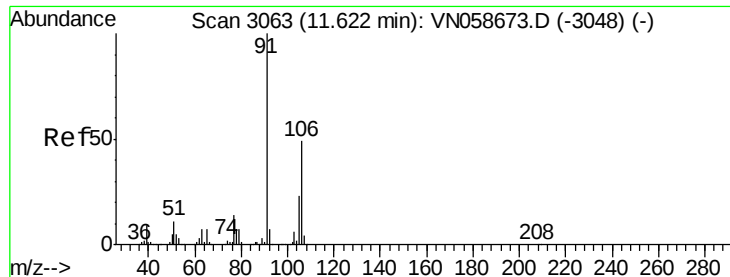
106 30.3 24.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xylenes

Concen: 40.887 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN059127.D

Acq: 7 Nov 2019 17:22

Instrument :

MSVOA_N

ClientSampleId :

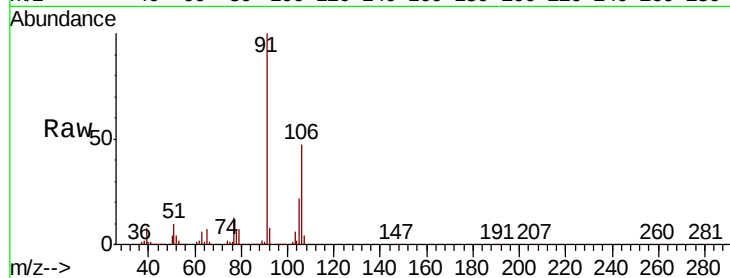
VSTDCCC020EC

Tot Ion:106 Resp: 335042

Ion Ratio Lower Upper

106 100

91 209.8 165.6 248.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN

400000

300000

200000

100000

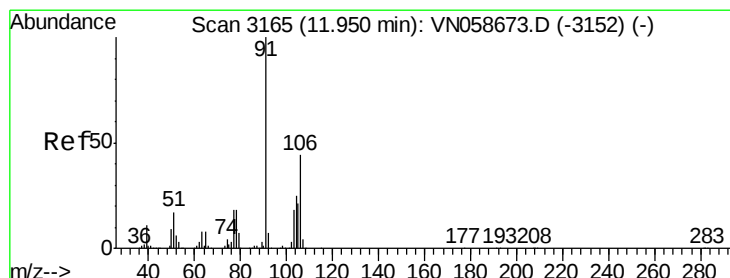
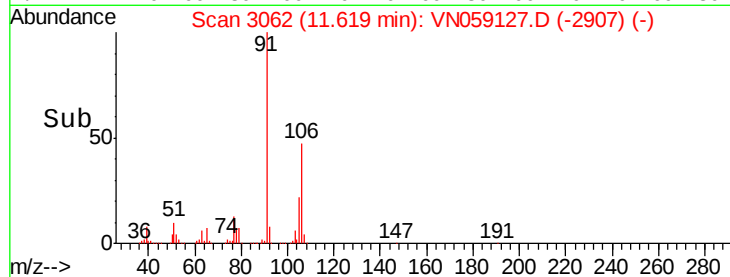
0

11.62

11.60

11.70

Time-->



#68

o-Xylene

Concen: 20.441 ug/l

RT: 11.95 min Scan# 3164

Delta R.T. -0.00 min

Lab File: VN059127.D

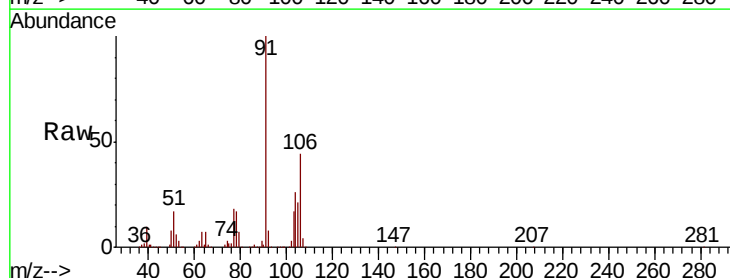
Acq: 7 Nov 2019 17:22

Tgt Ion:106 Resp: 162382

Ion Ratio Lower Upper

106 100

91 221.2 109.8 329.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN

250000

200000

150000

100000

50000

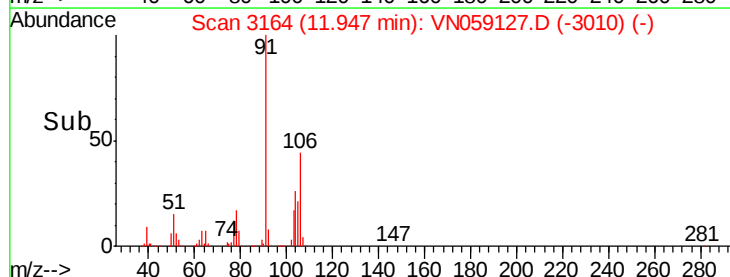
0

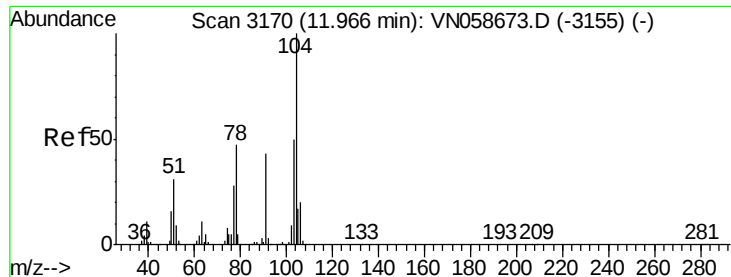
11.95

11.90

12.00

Time-->

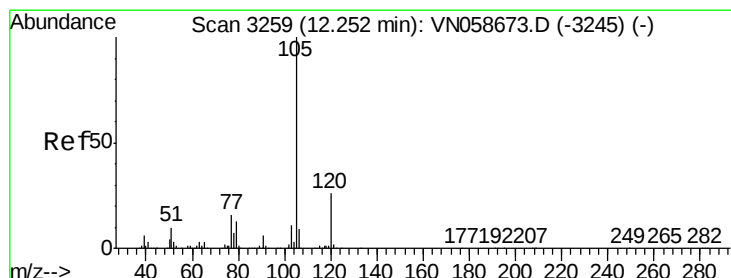
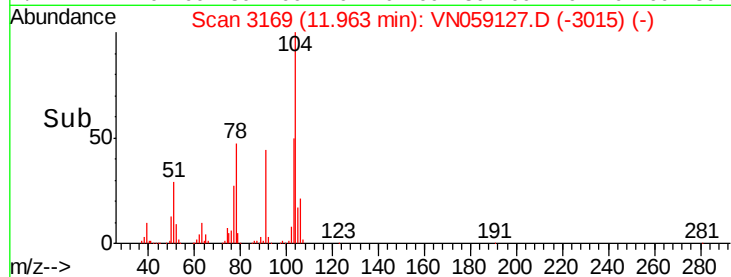
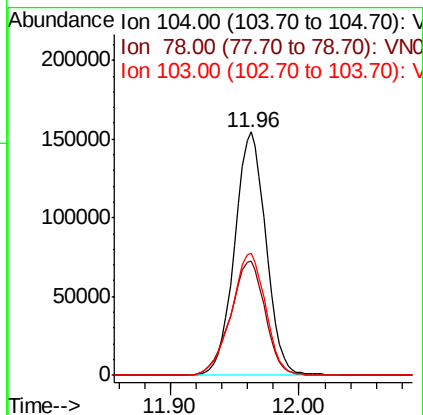
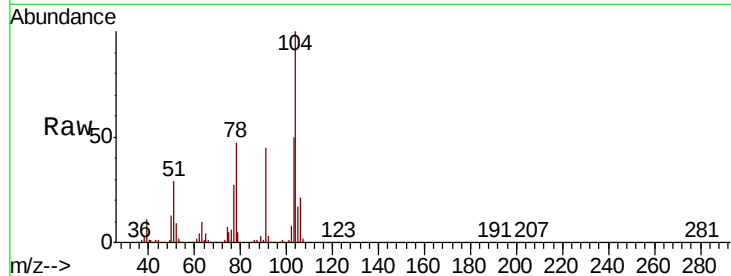




#69
Stvrene
Concen: 19.910 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN059127.D
Acq: 7 Nov 2019 17:22

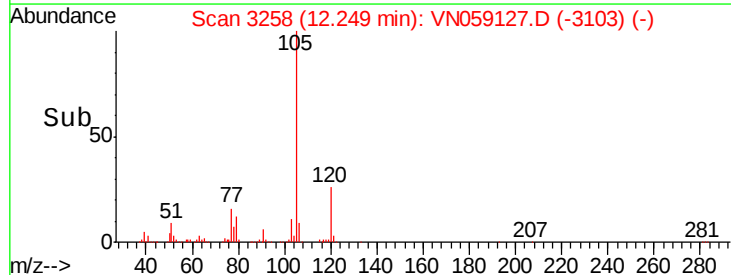
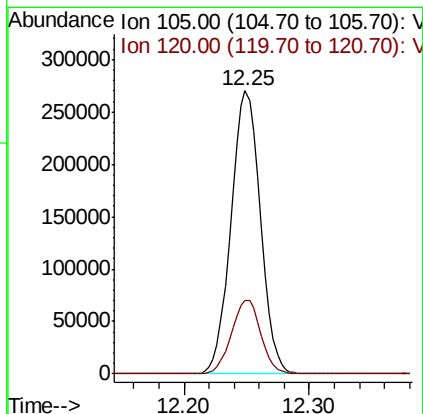
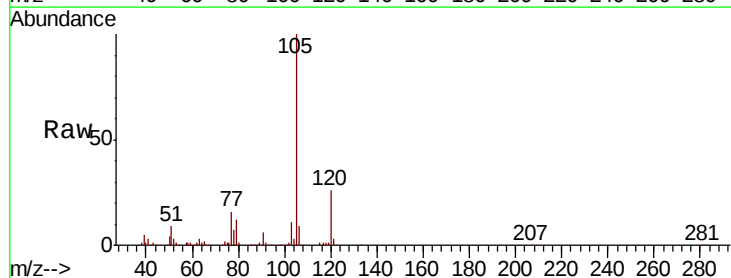
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

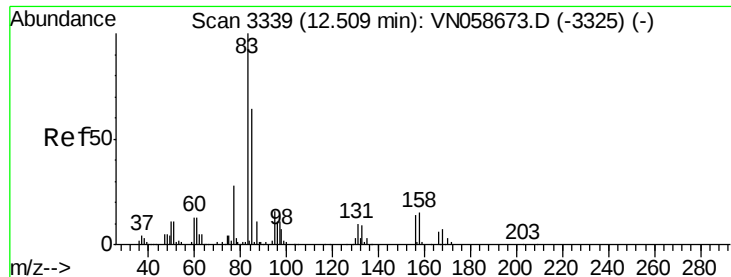
Tot Ion	Ratio	Lower	Upper
104	100		
78	51.7	42.4	63.6
103	54.7	44.6	66.8



#70
Isopropylbenzene
Concen: 20.472 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. -0.00 min
Lab File: VN059127.D
Acq: 7 Nov 2019 17:22

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.0	18.4	34.2

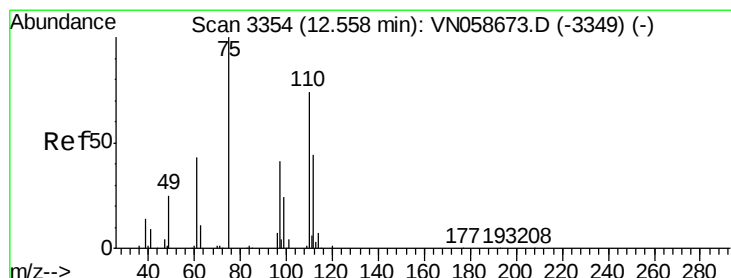
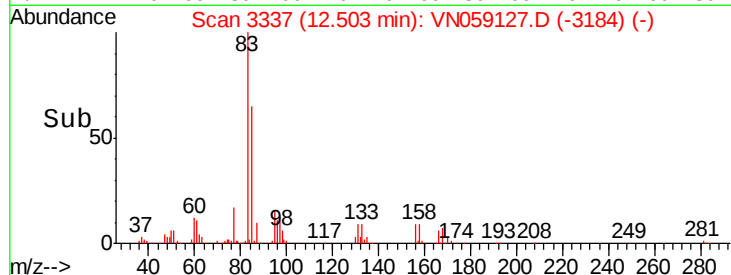
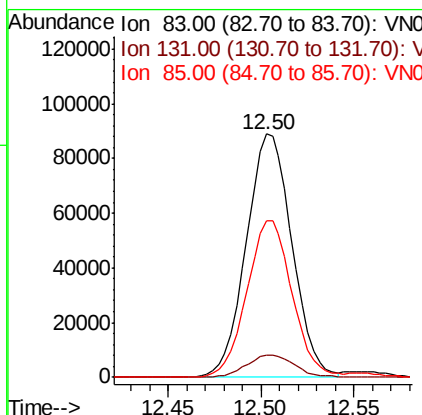
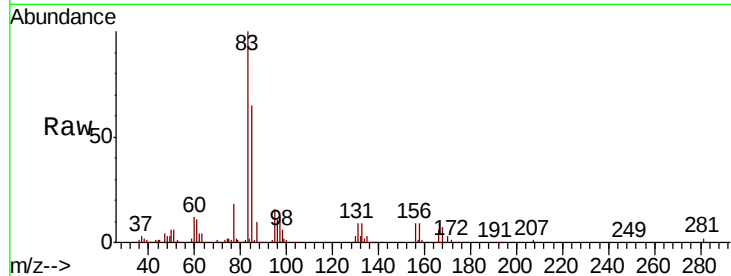




#71
 1,1,2,2-Tetrachloroethane
 Concen: 21.192 ug/l
 RT: 12.50 min Scan# 3337
 Delta R.T. -0.01 min
 Lab File: VN059127.D
 Acq: 7 Nov 2019 17:22

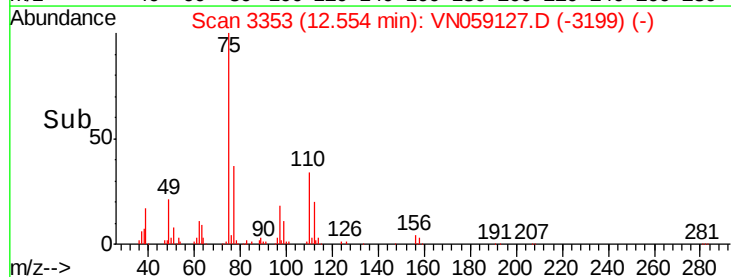
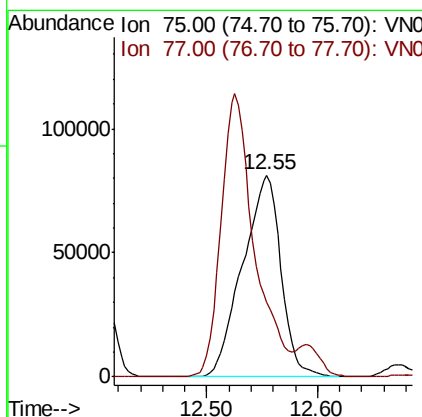
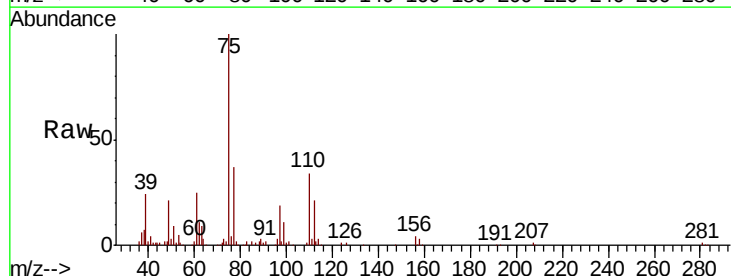
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

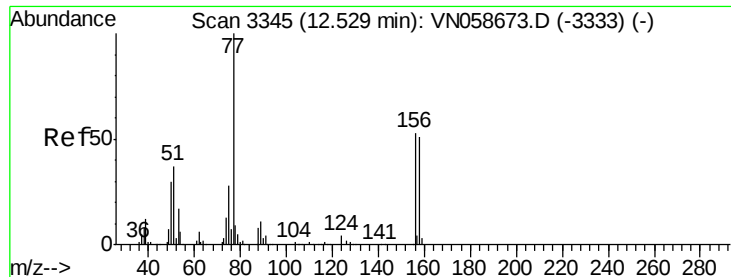
Tot Ion	83	Resp	153016
Ion Ratio	Lower	Upper	
83	100		
131	9.7	4.9	14.7
85	63.7	31.6	94.7



#72
 1,2,3-Trichloropropane
 Concen: 29.985 ug/l
 RT: 12.55 min Scan# 3353
 Delta R.T. -0.00 min
 Lab File: VN059127.D
 Acq: 7 Nov 2019 17:22

Tgt Ion	75	Resp	196176
Ion Ratio	Lower	Upper	
75	100		
77	122.4	0.0	359.4





#73

Bromobenzene

Concen: 20.444 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN059127.D

Acq: 7 Nov 2019 17:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

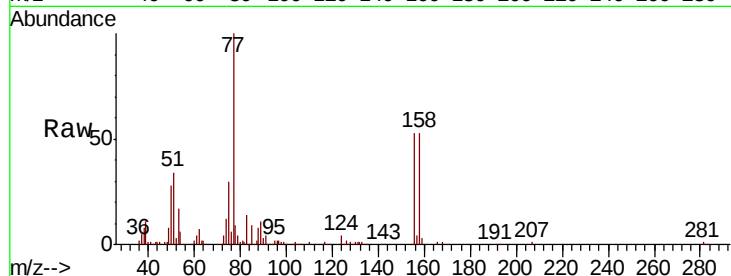
Tot Ion:156 Resp: 106500

Ion Ratio Lower Upper

156 100

77 225.5 0.0 456.0

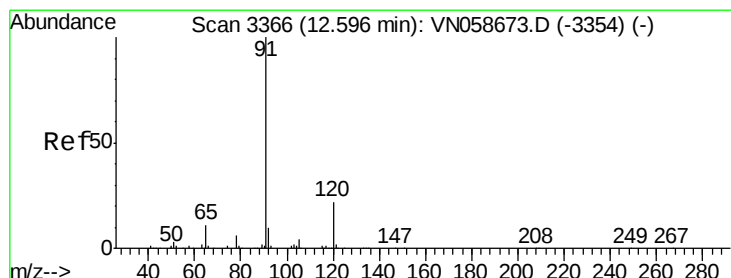
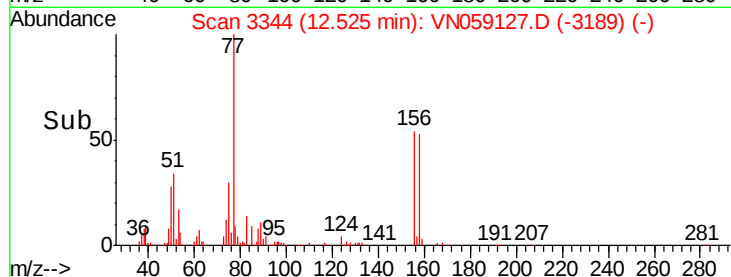
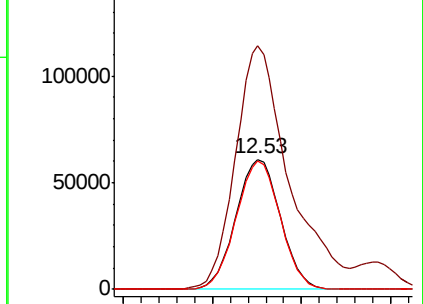
158 97.7 0.0 195.4



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VN

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 20.422 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. -0.00 min

Lab File: VN059127.D

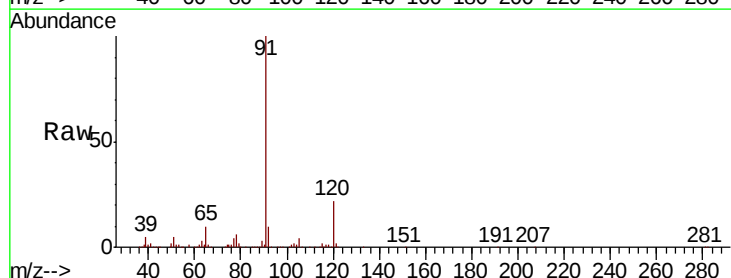
Acq: 7 Nov 2019 17:22

Tgt Ion: 91 Resp: 512669

Ion Ratio Lower Upper

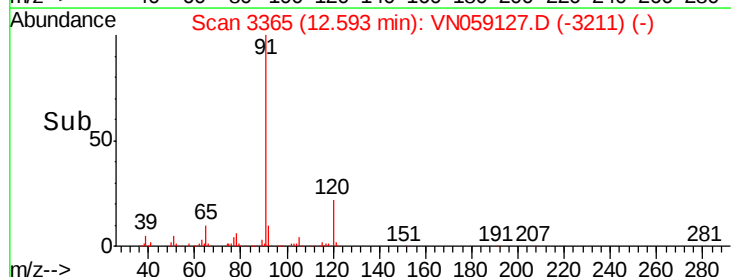
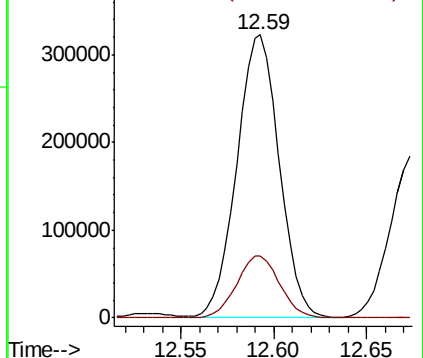
91 100

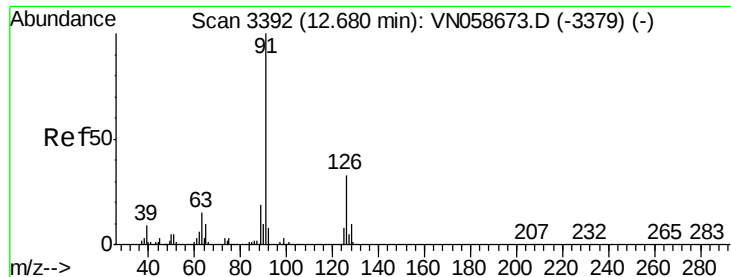
120 22.1 0.0 43.6



Abundance Ion 91.00 (90.70 to 91.70): VN

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 20.408 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. -0.00 min

Lab File: VN059127.D

Acq: 7 Nov 2019 17:22

Instrument :

MSVOA_N

ClientSampleId :

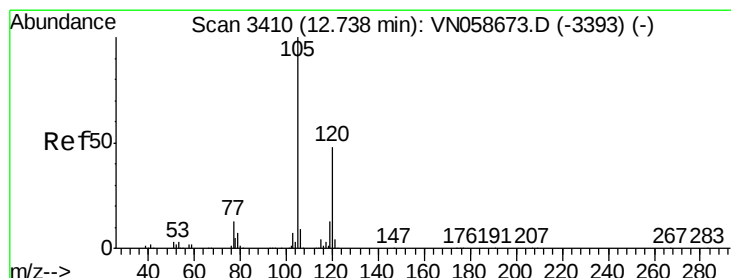
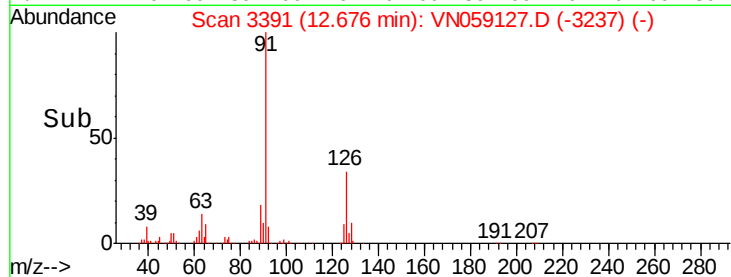
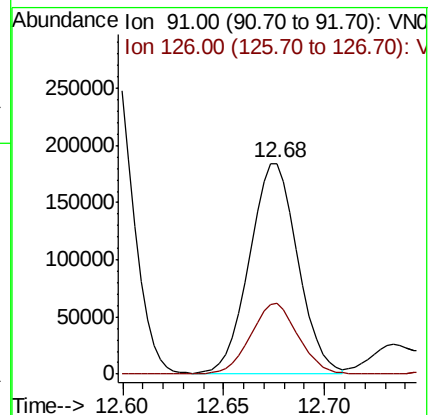
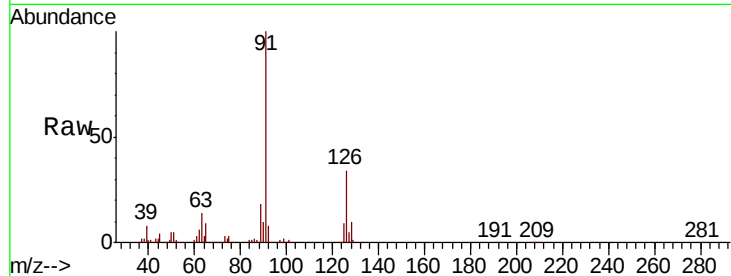
VSTDCCC020EC

Tot Ion: 91 Resp: 308245

Ion Ratio Lower Upper

91 100

126 33.3 0.0 65.4



#76

1,3,5-Trimethylbenzene

Concen: 20.240 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. -0.00 min

Lab File: VN059127.D

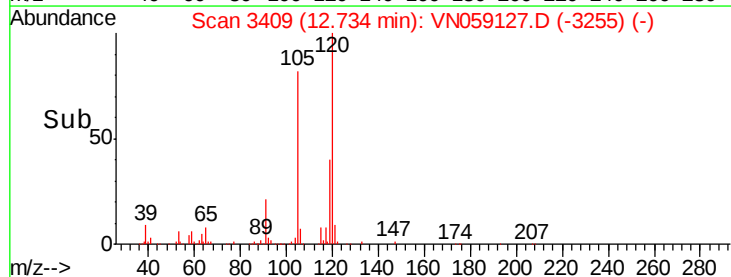
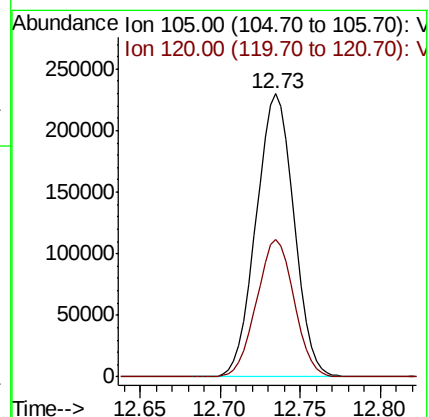
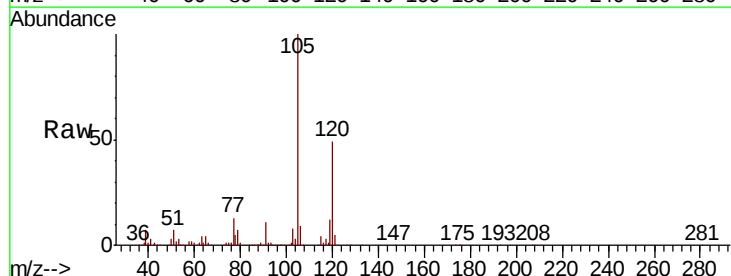
Acq: 7 Nov 2019 17:22

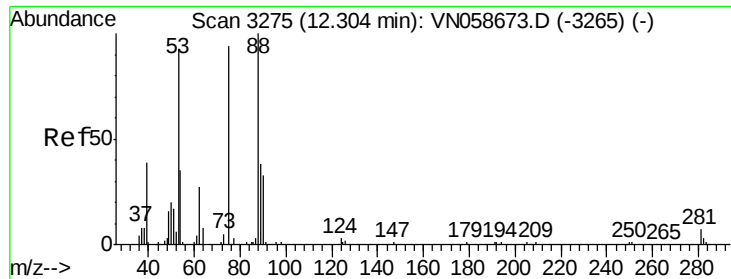
Tgt Ion: 105 Resp: 371803

Ion Ratio Lower Upper

105 100

120 48.4 0.0 94.0

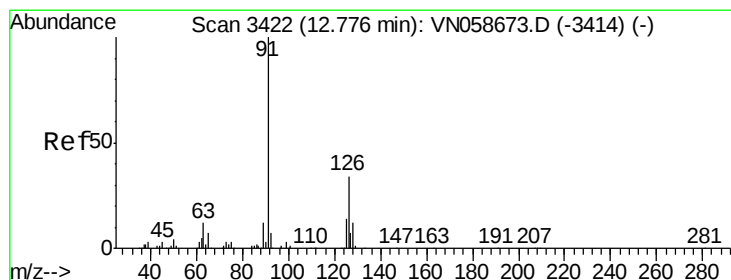
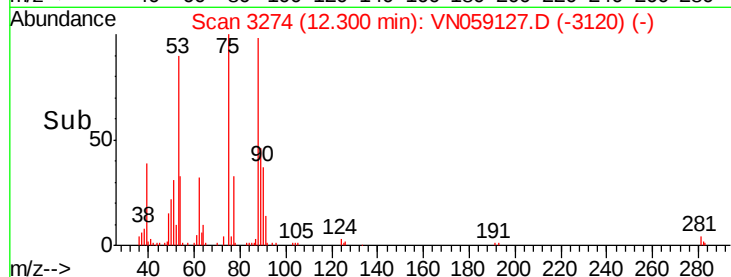
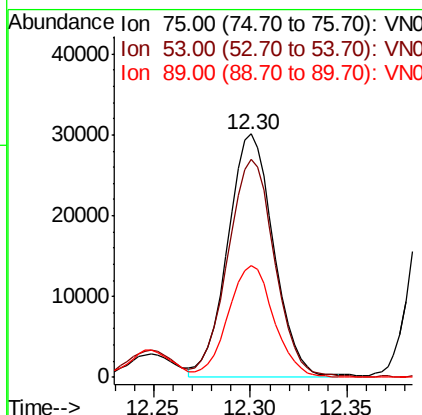
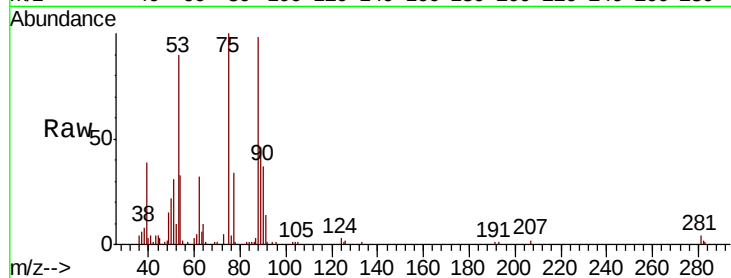




#77
t-1,4-Dichloro-2-butene
Concen: 20.019 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. -0.00 min
Lab File: VN059127.D
Acq: 7 Nov 2019 17:22

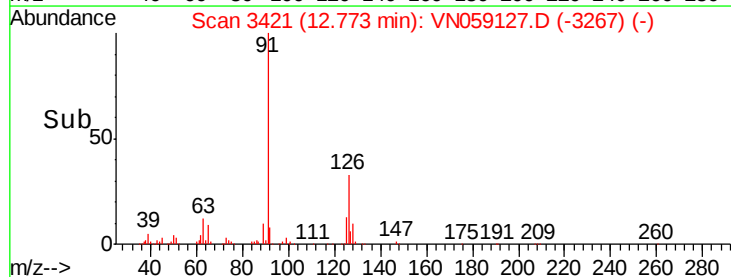
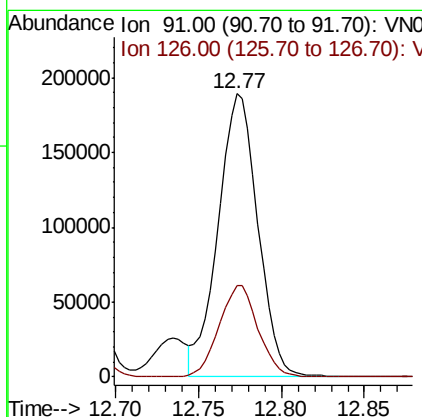
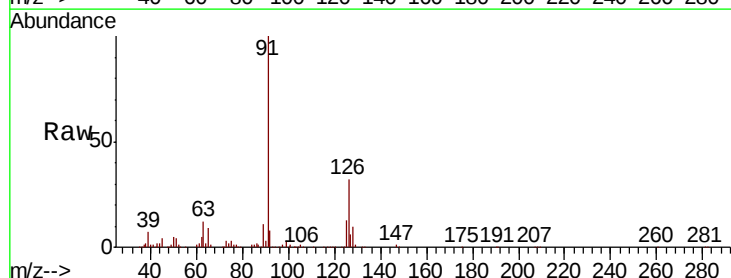
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

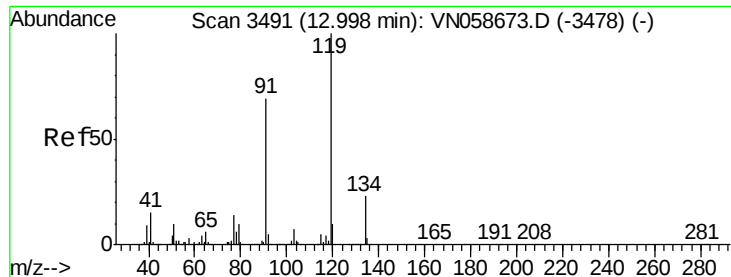
Tot Ion: 75 Resp: 49896
Ion Ratio Lower Upper
75 100
53 89.5 50.0 150.0
89 46.6 20.7 62.1



#78
4-Chlorotoluene
Concen: 20.062 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. -0.00 min
Lab File: VN059127.D
Acq: 7 Nov 2019 17:22

Tgt Ion: 91 Resp: 312307
Ion Ratio Lower Upper
91 100
126 32.1 0.0 63.4





#79

tert-butylbenzene

Concen: 20.248 ug/l

RT: 12.99 min Scan# 3490

Delta R.T. -0.00 min

Lab File: VN059127.D

Acq: 7 Nov 2019 17:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

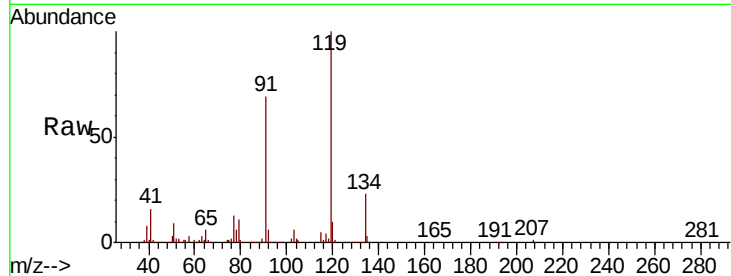
Tot Ion:119 Resp: 317777

Ion Ratio Lower Upper

119 100

91 66.7 0.0 136.4

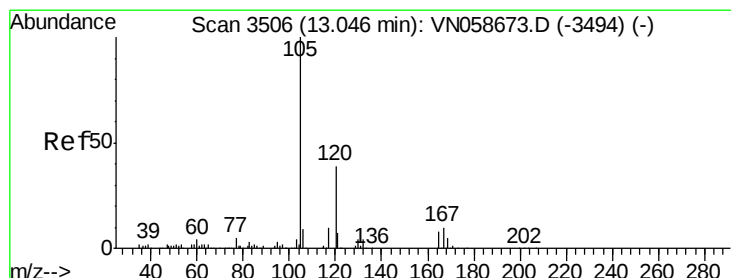
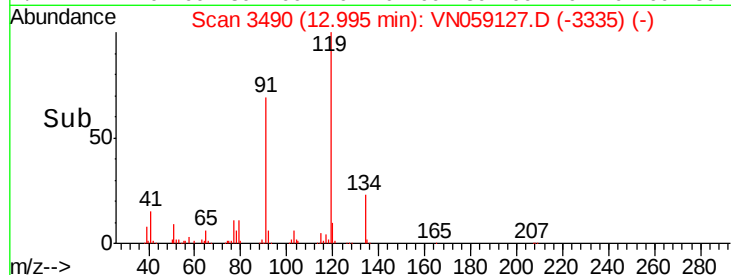
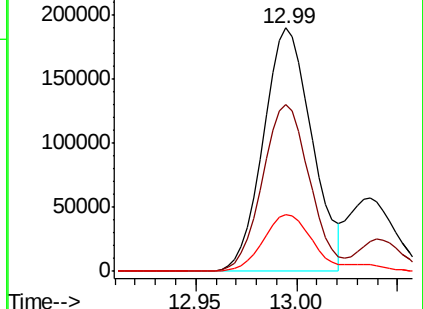
134 23.4 0.0 47.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#80

1,2,4-Trimethylbenzene

Concen: 20.167 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.01 min

Lab File: VN059127.D

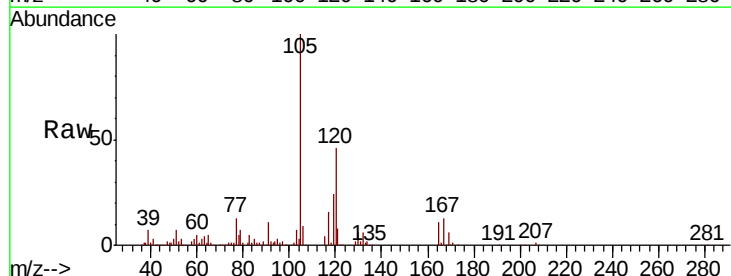
Acq: 7 Nov 2019 17:22

Tgt Ion:105 Resp: 368119

Ion Ratio Lower Upper

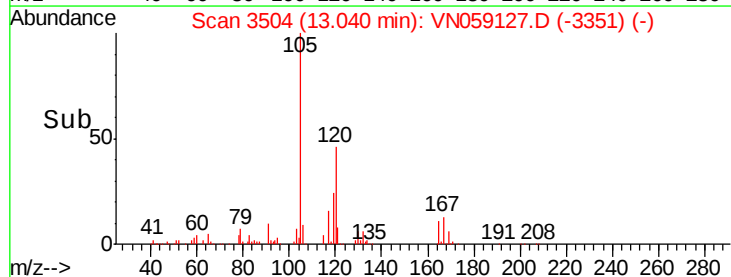
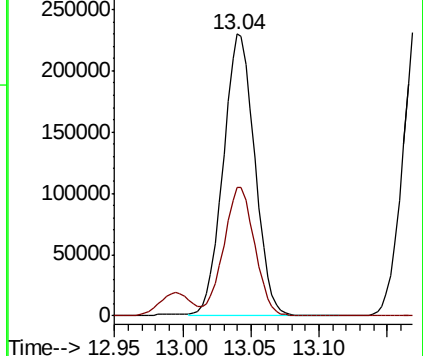
105 100

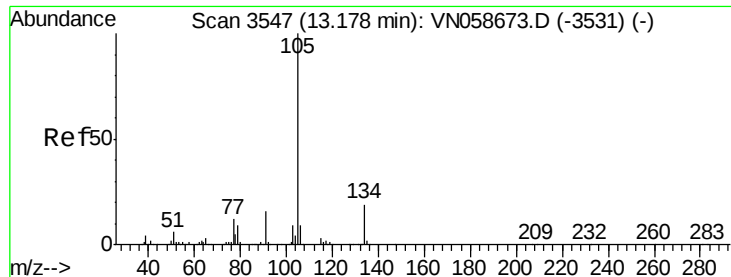
120 45.0 0.0 89.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

sec-Butylbenzene

Concen: 19.837 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. -0.00 min

Lab File: VN059127.D

Acq: 7 Nov 2019 17:22

Instrument :

MSVOA_N

ClientSampleId :

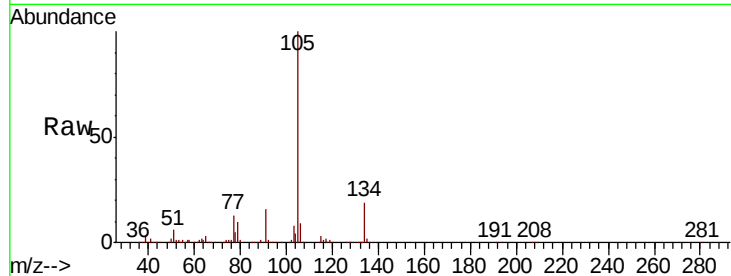
VSTDCCC020EC

Tot Ion:105 Resp: 418974

Ion Ratio Lower Upper

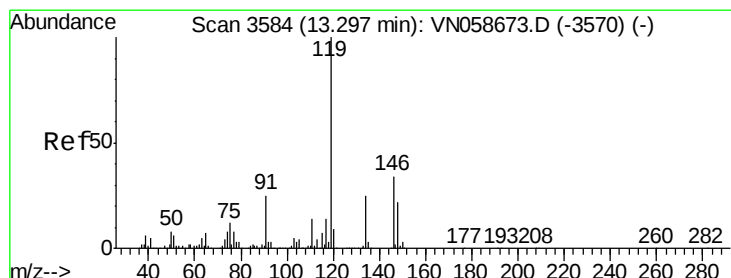
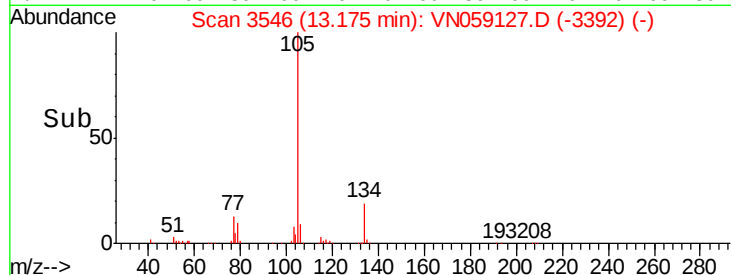
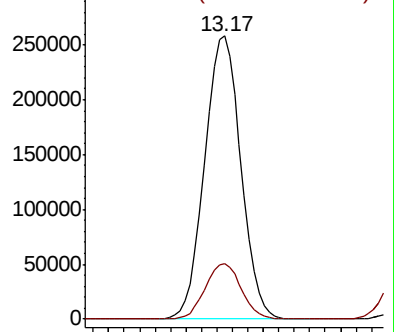
105 100

134 19.5 0.0 38.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 19.991 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. -0.01 min

Lab File: VN059127.D

Acq: 7 Nov 2019 17:22

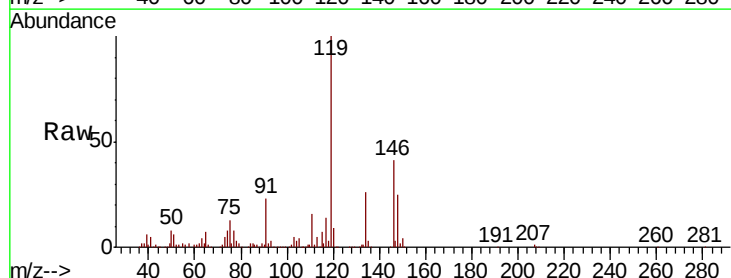
Tgt Ion:119 Resp: 379157

Ion Ratio Lower Upper

119 100

134 25.8 0.0 50.8

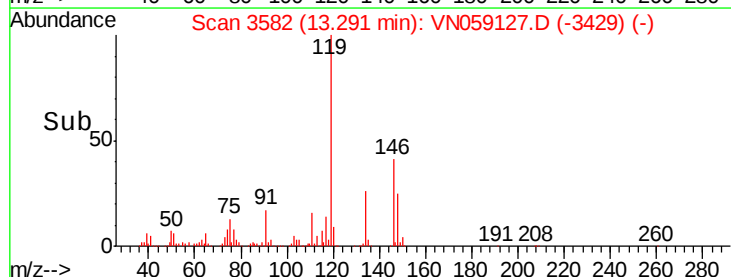
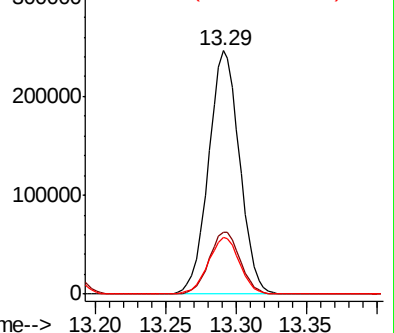
91 23.6 0.0 49.4

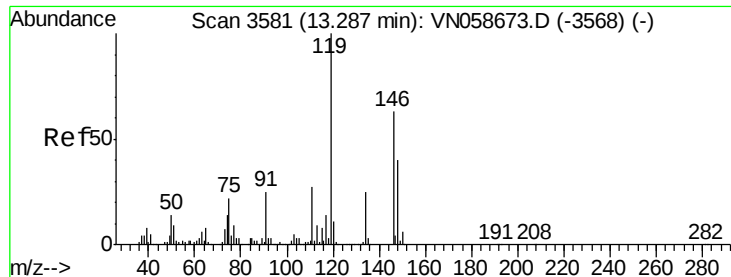


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#83

1,3-Dichlorobenzene

Concen: 19.949 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN059127.D

Acq: 7 Nov 2019 17:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

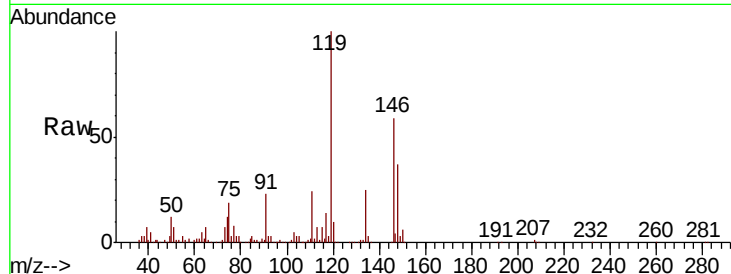
Tot Ion:146 Resp: 188055

Ion Ratio Lower Upper

146 100

111 41.2 21.0 63.0

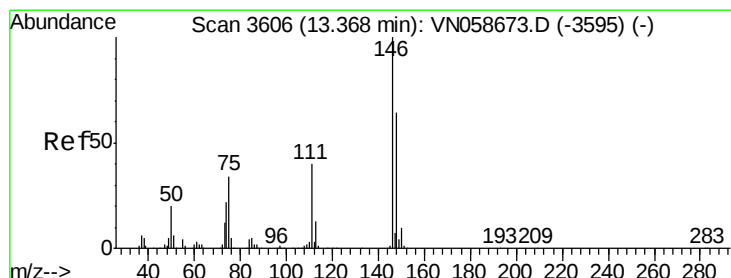
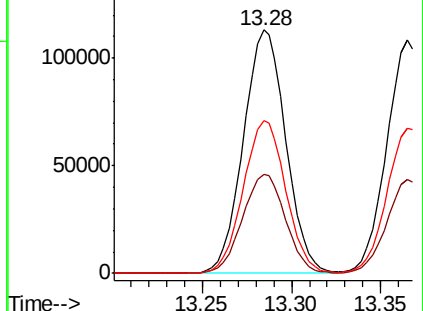
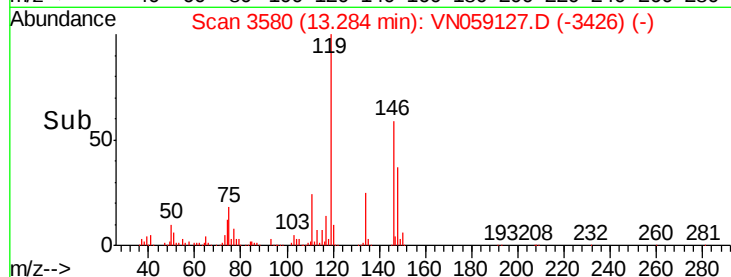
148 62.9 31.7 95.1



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#84

1,4-Dichlorobenzene

Concen: 19.015 ug/l

RT: 13.36 min Scan# 3605

Delta R.T. -0.00 min

Lab File: VN059127.D

Acq: 7 Nov 2019 17:22

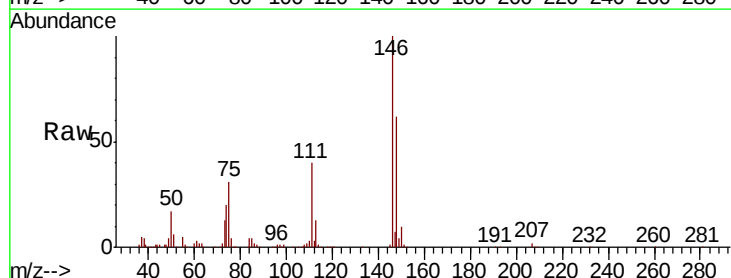
Tgt Ion:146 Resp: 179042

Ion Ratio Lower Upper

146 100

111 39.8 19.8 59.4

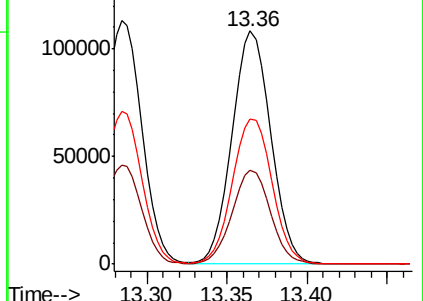
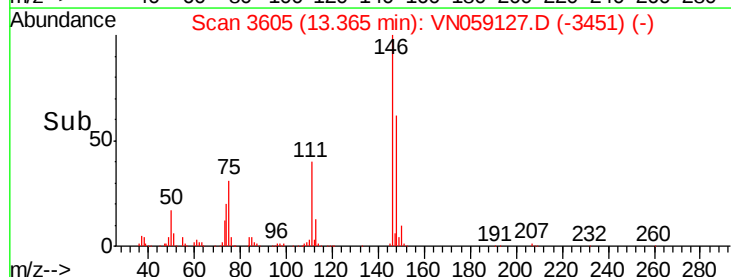
148 64.0 31.6 94.8

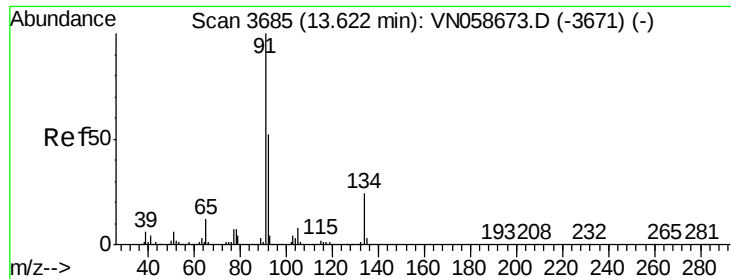


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

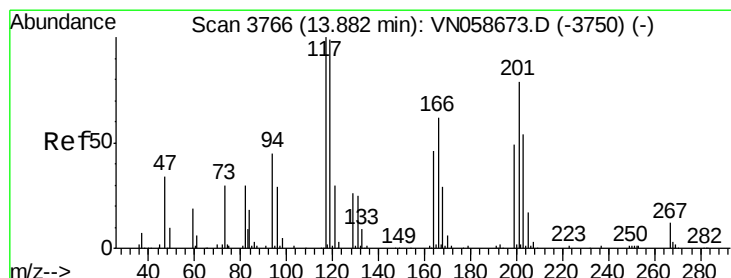
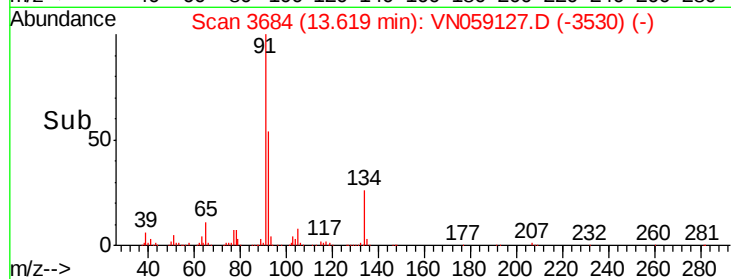
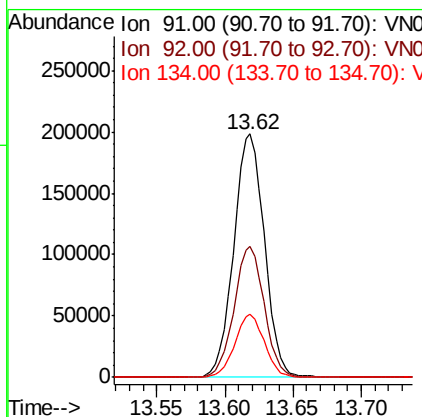
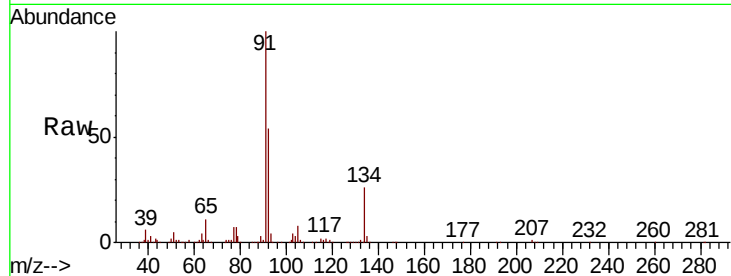




#85
n-Butylbenzene
Concen: 17.842 ug/l
RT: 13.62 min Scan# 3684
Delta R.T. -0.00 min
Lab File: VN059127.D
Acq: 7 Nov 2019 17:22

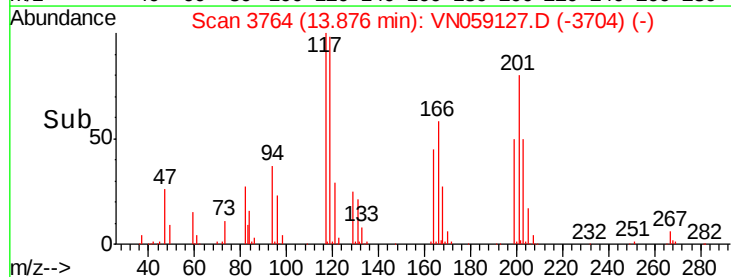
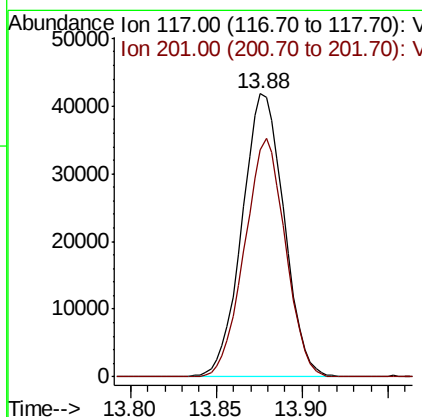
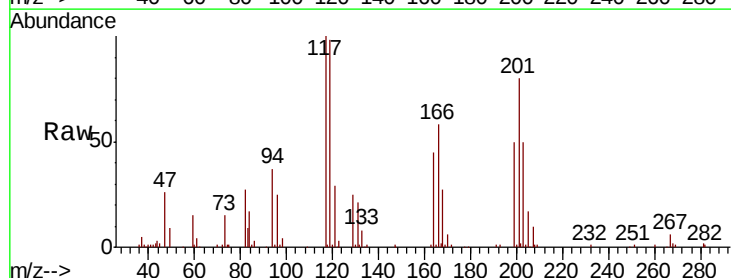
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

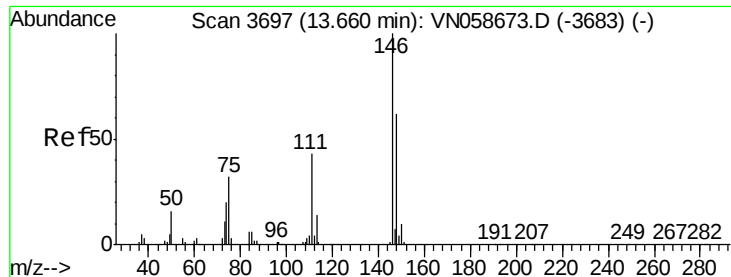
Tot Ion: 91 Resp: 309814
Ion Ratio Lower Upper
91 100
92 52.6 0.0 102.8
134 24.8 0.0 48.6



#86
Hexachloroethane
Concen: 20.530 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. -0.01 min
Lab File: VN059127.D
Acq: 7 Nov 2019 17:22

Tgt Ion: 117 Resp: 70861
Ion Ratio Lower Upper
117 100
201 81.6 38.7 116.1

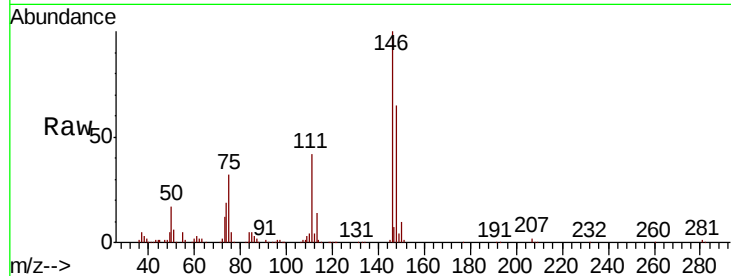




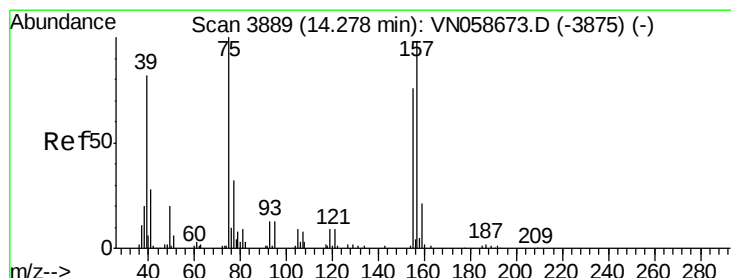
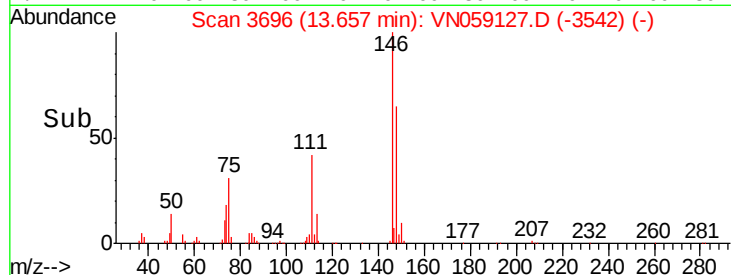
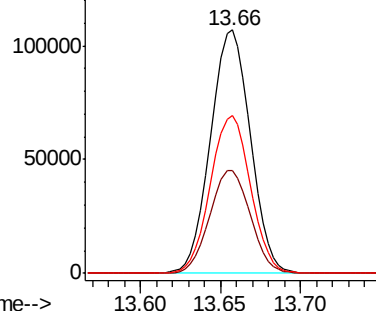
#87
 1,2-Dichlorobenzene
 Concen: 19.569 ug/l
 RT: 13.66 min Scan# 3696
 Delta R.T. -0.00 min
 Lab File: VN059127.D
 Acq: 7 Nov 2019 17:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.9	21.8	65.4
148	65.1	32.1	96.5

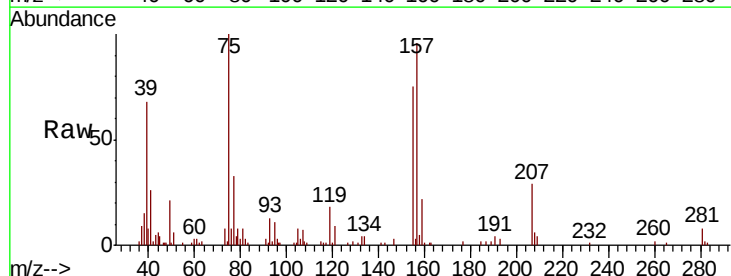


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

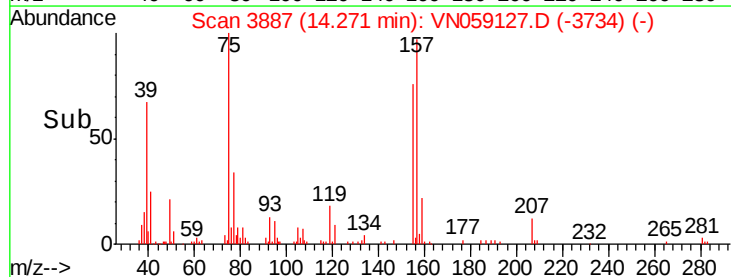
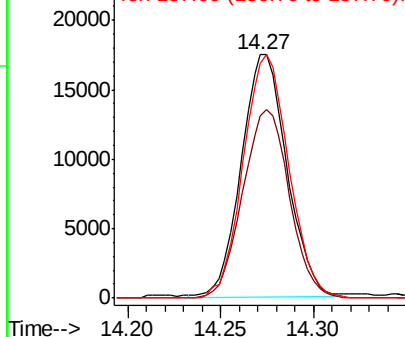


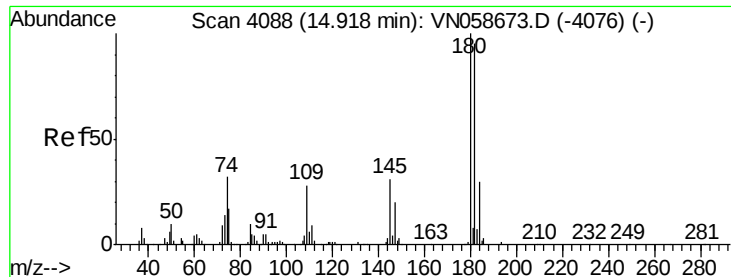
#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.646 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. -0.01 min
 Lab File: VN059127.D
 Acq: 7 Nov 2019 17:22

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.3	58.3	87.5
157	100.0	75.0	112.6



Abundance Ion 75.00 (74.70 to 75.70): V
 Ion 155.00 (154.70 to 155.70): V
 Ion 157.00 (156.70 to 157.70): V

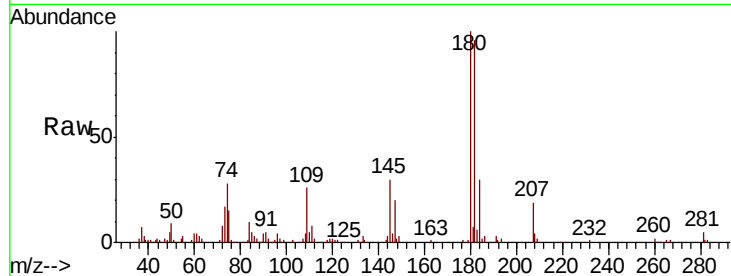




#89
 1,2,4-Trichlorobenzene
 Concen: 16.500 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN059127.D
 Acq: 7 Nov 2019 17:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.3	75.3	112.9
145	30.1	24.8	37.2

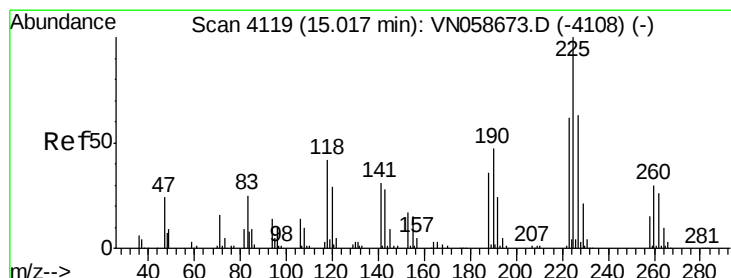
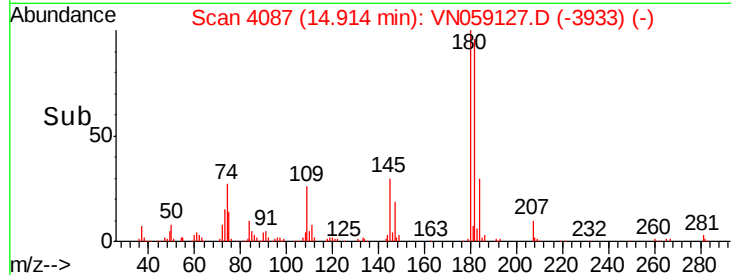
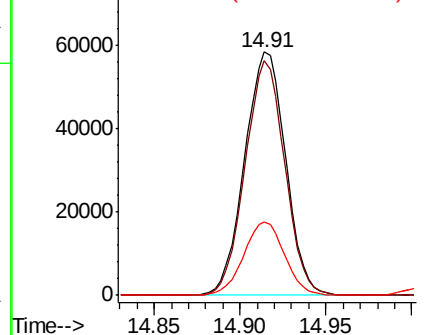


Abundance

Ion 180.00 (179.70 to 180.70): V

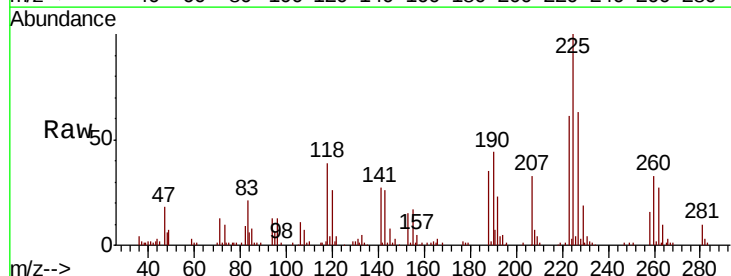
Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V



#90
 Hexachlorobutadiene
 Concen: 20.311 ug/l
 RT: 15.01 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN059127.D
 Acq: 7 Nov 2019 17:22

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	0.0	126.2
227	62.3	0.0	127.0

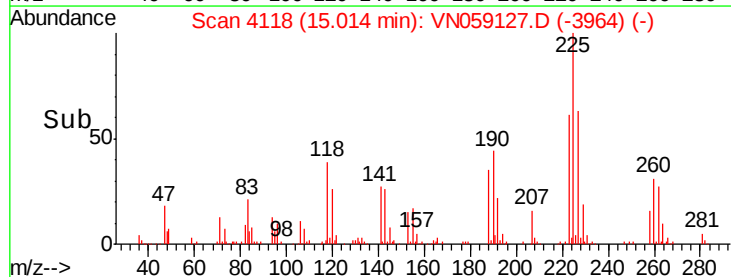
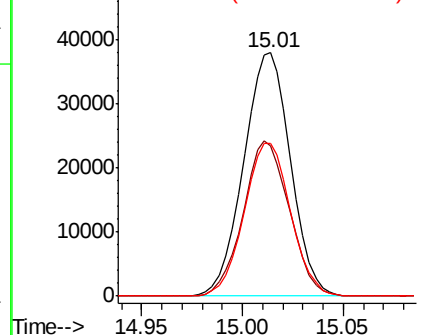


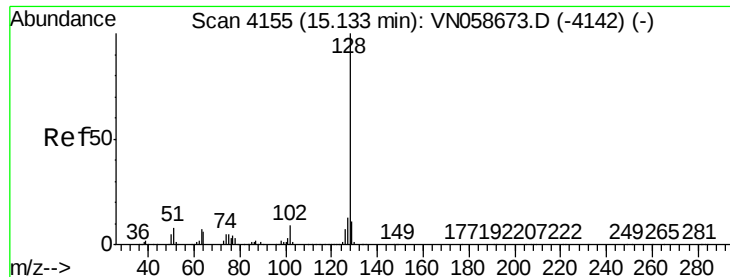
Abundance

Ion 225.00 (224.70 to 225.70): V

Ion 223.00 (222.70 to 223.70): V

Ion 227.00 (226.70 to 227.70): V

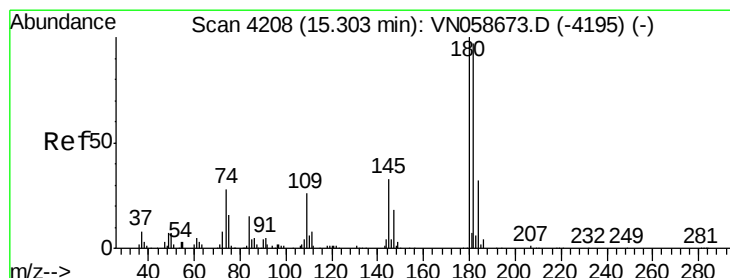
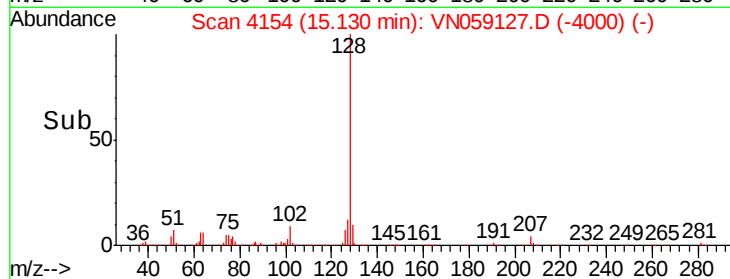
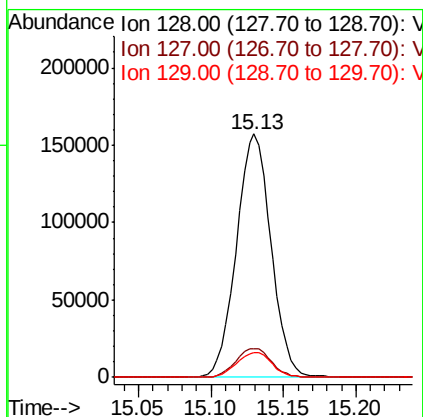
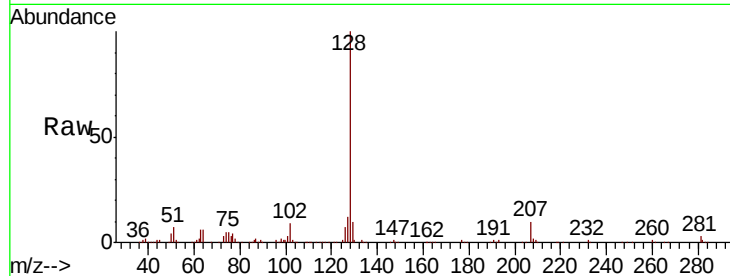




#91
Naphthalene
Concen: 15.025 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. -0.00 min
Lab File: VN059127.D
Acq: 7 Nov 2019 17:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion:128 Resp: 260671
Ion Ratio Lower Upper
128 100
127 12.4 10.2 15.2
129 10.6 8.6 13.0



#92
1,2,3-Trichlorobenzene
Concen: 17.166 ug/l
RT: 15.30 min Scan# 4207
Delta R.T. -0.00 min
Lab File: VN059127.D
Acq: 7 Nov 2019 17:22

Tgt Ion:180 Resp: 98191
Ion Ratio Lower Upper
180 100
182 94.7 0.0 193.4
145 33.3 0.0 65.8

