

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092619\
 Data File : VN058379.D
 Acq On : 26 Sep 2019 12:45
 Operator : JC/SP
 Sample : VN0926WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0926WBSD01

Quant Time: Sep 27 02:28:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N092419W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Sep 25 01:36:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.18	128	76213	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.57	114	449319	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	402295	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.01	65	208513	30.95	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	103.17%
60) 4-Bromofluorobenzene	12.41	95	202135	29.04	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	96.80%
63) Toluene-d8	10.08	98	576557	30.03	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.10%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	93062	20.305	ug/l 95
3) Chloromethane	2.04	50	109970	20.781	ug/l 100
4) Vinyl Chloride	2.17	62	106978	20.259	ug/l 96
5) Bromomethane	2.55	94	58820	20.515	ug/l 98
6) Chloroethane	2.69	64	65299	20.924	ug/l 92
7) Trichlorofluoromethane	3.00	101	129176	20.776	ug/l 95
8) Diethyl Ether	3.39	74	56947	20.603	ug/l 95
9) 1,1,2-Trichlorotrifluoroet	3.74	101	85332	19.938	ug/l 99
10) 1,1-Dichloroethene	3.72	96	83548	19.969	ug/l 98
11) Methyl Iodide	3.93	142	91875	21.418	ug/l 98
12) Methyl Acetate	4.30	43	109573	19.663	ug/l 99
13) Acrolein	3.59	56	14327	90.417	ug/l 96
14) Acrylonitrile	4.96	53	228949	99.505	ug/l 98
15) Acetone	3.79	58	64493	101.091	ug/l 96
16) Carbon Disulfide	4.03	76	218426	18.786	ug/l 98
17) Allyl chloride	4.30	41	151869	19.433	ug/l 92
18) Methylene Chloride	4.53	84	102864	20.841	ug/l 93
19) trans-1,2-Dichloroethene	5.02	96	93235	19.877	ug/l 95
20) Diisopropyl ether	5.93	45	327555	19.671	ug/l 98
21) 1,1-Dichloroethane	5.83	63	189373	20.323	ug/l 97
22) cis-1,2-Dichloroethene	6.81	96	109529	20.104	ug/l 99
23) tert-Butyl Alcohol	4.76	59	81225	95.628	ug/l # 100
24) Methyl tert-Butyl Ether	5.02	73	303350	20.199	ug/l 100
25) Chloroform	7.36	83	190664	20.207	ug/l 99
26) Cyclohexane	7.64	56	170791	19.610	ug/l # 98
29) 1,1-Dichloropropene	7.78	75	145896	19.892	ug/l 99
30) 2-Butanone	6.81	43	325329	97.689	ug/l # 61
31) 2,2-Dichloropropane	6.80	77	144779	19.174	ug/l 99
32) 1,1,1-Trichloroethane	7.55	97	158204	19.999	ug/l 98
33) Carbon Tetrachloride	7.76	117	132131	19.660	ug/l 100
34) Benzene	8.03	78	416727	20.029	ug/l 98
35) Methacrylonitrile	7.19	41	203059	70.890	ug/l # 62
36) 1,2-Dichloroethane	8.11	62	165667	20.326	ug/l 100
37) Trichloroethene	8.82	130	104099	19.985	ug/l 96
38) Methylcyclohexane	9.07	83	168698	19.022	ug/l 99
39) 1,2-Dichloropropane	9.11	63	114660	20.204	ug/l 99
40) Dibromomethane	9.20	93	72153	20.144	ug/l 97

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 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
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 VN0926WBSD01

Quant Time: Sep 27 02:28:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N092419W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Sep 25 01:36:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.40	83	142093	20.070	ug/l	99
42) Vinyl Acetate	5.87	43	1370817	107.808	ug/l	100
43) Ethyl Acetate	6.91	43	122886	18.585	ug/l	95
44) Isopropyl Acetate	8.15	43	234139	19.781	ug/l	100
45) 1,4-Dioxane	9.19	88	39414	394.707	ug/l	95
46) Methyl methacrylate	9.19	41	108661	19.370	ug/l	94
47) n-amyl Acetate	12.07	43	188642	18.309	ug/l	98
48) t-1,3-Dichloropropene	10.38	75	148662	19.217	ug/l	99
49) cis-1,3-Dichloropropene	9.83	75	166502	19.331	ug/l	98
50) 1,1,2-Trichloroethane	10.56	97	100322	20.041	ug/l	96
51) Ethyl methacrylate	10.43	69	152612	19.269	ug/l	99
52) 1,3-Dichloropropane	10.71	76	177688	19.986	ug/l	97
53) Dibromochloromethane	10.90	129	95547	18.999	ug/l	99
54) 1,2-Dibromoethane	11.00	107	101821	19.932	ug/l	97
55) 2-Chloroethyl vinyl ether	9.69	63	325642	97.101	ug/l	99
56) Bromoform	12.13	173	59700	18.820	ug/l	97
58) 4-Methyl-2-Pentanone	9.98	43	681935	108.184	ug/l	99
59) 2-Hexanone	10.75	43	489802	102.784	ug/l	99
61) Tetrachloroethene	10.63	164	83530	19.819	ug/l	97
62) Toluene	10.15	91	454861	20.645	ug/l	99
64) Chlorobenzene	11.43	112	266908	19.713	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.51	131	93485	19.696	ug/l	99
66) Ethyl Benzene	11.51	91	499956	20.810	ug/l	99
67) m/p-Xylenes	11.62	106	357775	38.789	ug/l	97
68) o-Xylene	11.95	106	172681	19.253	ug/l	95
69) Styrene	11.97	104	290419	19.364	ug/l	98
70) Isopropylbenzene	12.25	105	483659	20.810	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.51	83	147832	20.012	ug/l	99
72) 1,2,3-Trichloropropane	12.56	75	178443	28.088	ug/l	64
73) Bromobenzene	12.53	156	107251	19.051	ug/l	96
74) n-propylbenzene	12.60	91	562187	20.981	ug/l	99
75) 2-Chlorotoluene	12.68	91	333390	19.891	ug/l	99
76) 1,3,5-Trimethylbenzene	12.74	105	403016	20.138	ug/l	100
77) t-1,4-Dichloro-2-butene	12.31	75	35353	17.060	ug/l	98
78) 4-Chlorotoluene	12.78	91	333603	19.420	ug/l	100
79) tert-butylbenzene	13.00	119	346555	20.001	ug/l	99
80) 1,2,4-Trimethylbenzene	13.05	105	398240	19.936	ug/l	99
81) sec-Butylbenzene	13.18	105	462915	20.369	ug/l	100
82) p-Isopropyltoluene	13.30	119	404500	19.764	ug/l	100
83) 1,3-Dichlorobenzene	13.29	146	196159	18.886	ug/l	100
84) 1,4-Dichlorobenzene	13.37	146	194954	18.859	ug/l	100
85) n-Butylbenzene	13.62	91	362735	19.077	ug/l	99
86) Hexachloroethane	13.88	117	62533	18.917	ug/l	100
87) 1,2-Dichlorobenzene	13.66	146	194506	19.178	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	14.28	75	25912	17.973	ug/l	100
89) 1,2,4-Trichlorobenzene	14.92	180	109888	16.585	ug/l	97
90) Hexachlorobutadiene	15.02	225	58130	18.132	ug/l	98
91) Naphthalene	15.13	128	306789	16.860	ug/l	100
92) 1,2,3-Trichlorobenzene	15.30	180	106529	16.740	ug/l	99

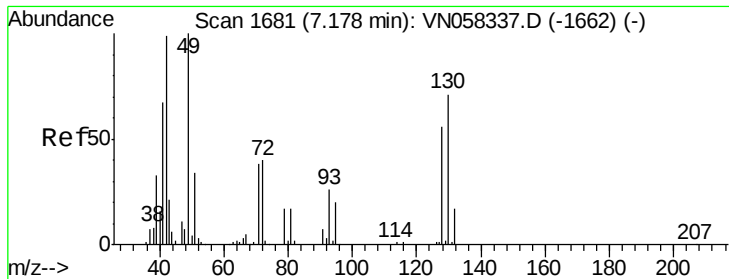
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092619\
Data File : VN058379.D
Acq On : 26 Sep 2019 12:45
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.18 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VN058379.D

Acq: 26 Sep 2019 12:45

Instrument :

MSVOA_N

ClientSampled :

VN0926WBSD01

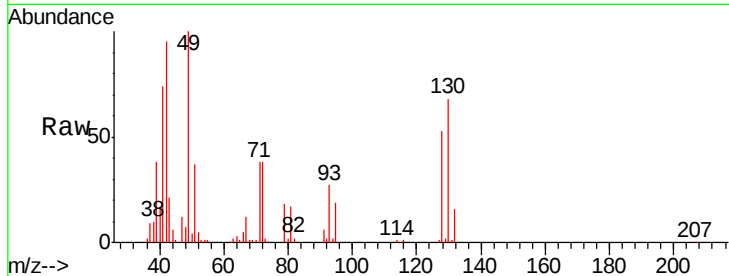
Tgt Ion:128 Resp: 76213

Ion Ratio Lower Upper

128 100

49 192.4 0.0 458.5

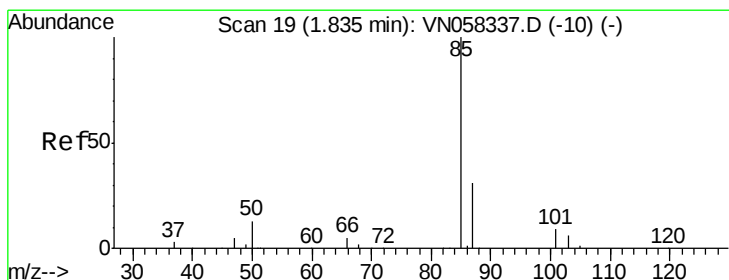
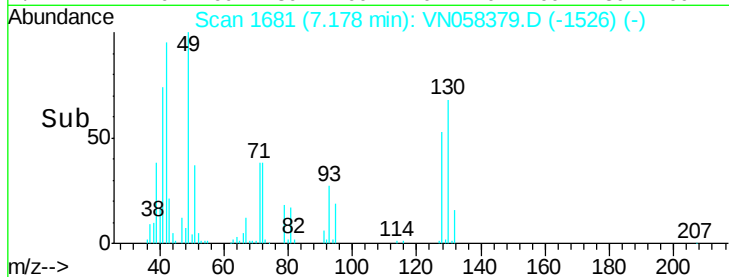
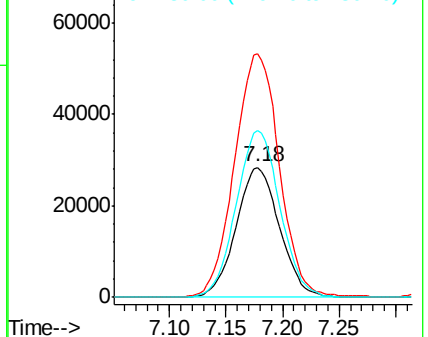
130 128.8 0.0 320.7



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: 20.305 ug/l

RT: 1.83 min Scan# 19

Delta R.T. -0.00 min

Lab File: VN058379.D

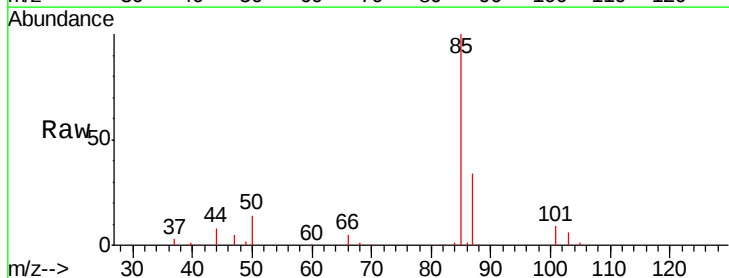
Acq: 26 Sep 2019 12:45

Tgt Ion: 85 Resp: 93062

Ion Ratio Lower Upper

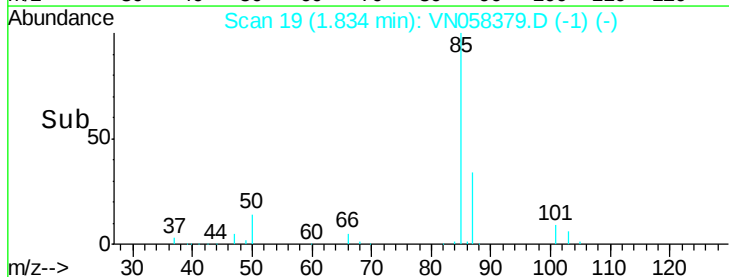
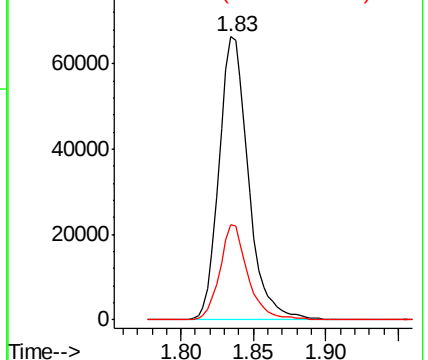
85 100

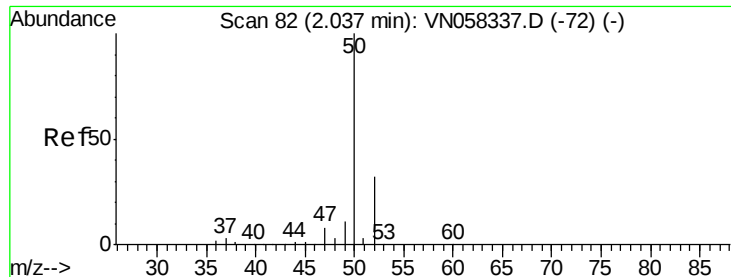
87 33.7 15.5 46.5



Abundance Ion 85.00 (84.70 to 85.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

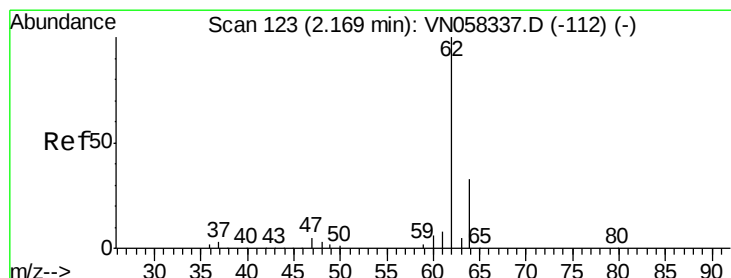
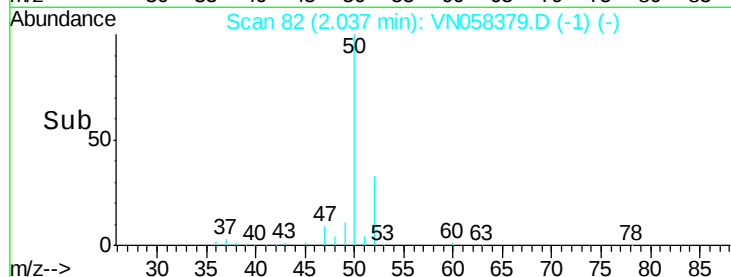
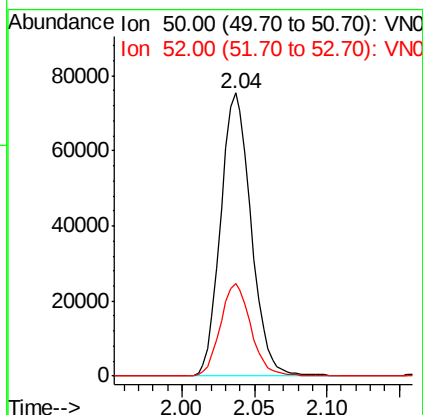
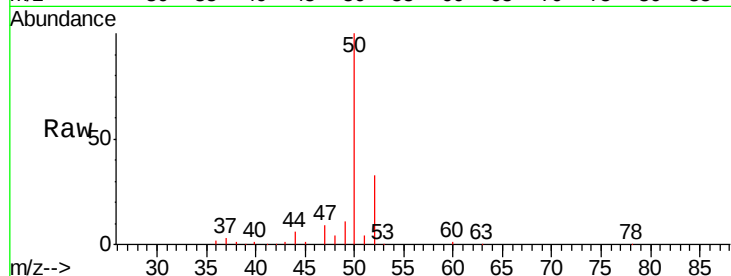




#3
Chloromethane
Concen: 20.781 ug/l
RT: 2.04 min Scan# 82
Delta R.T. -0.00 min
Lab File: VN058379.D
Acq: 26 Sep 2019 12:45

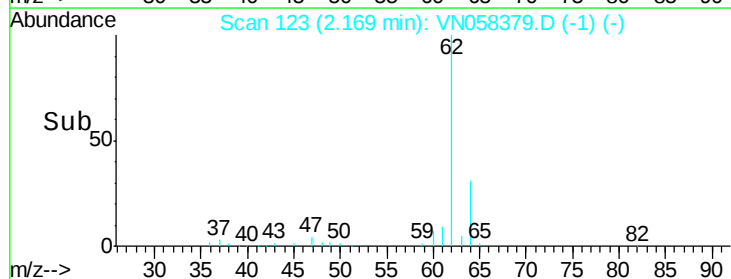
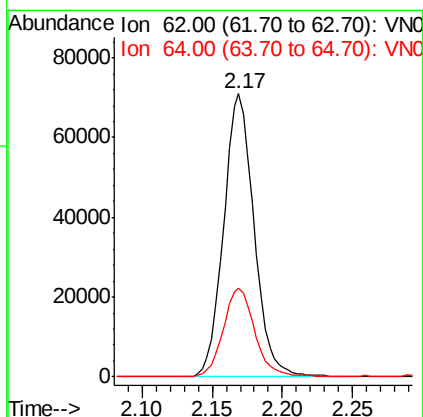
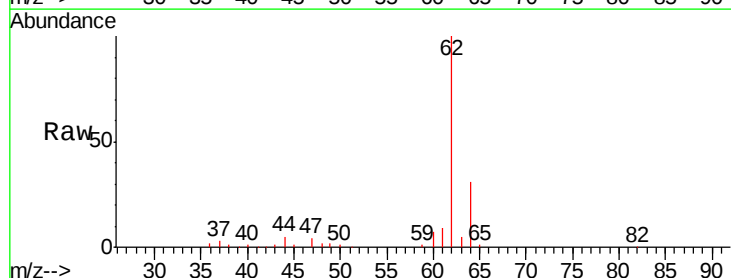
Instrument :
MSVOA_N
ClientSampleId :
VN0926WBSD01

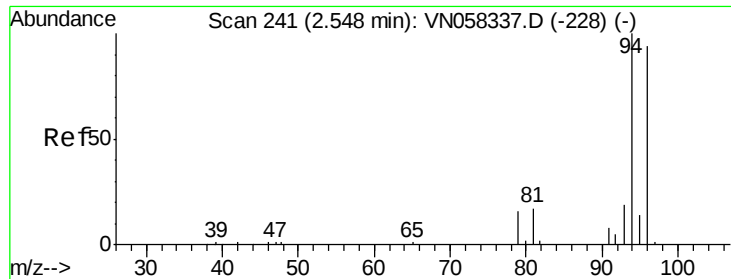
Tgt Ion: 50 Resp: 109970
Ion Ratio Lower Upper
50 100
52 32.5 25.9 38.9



#4
Vinyl Chloride
Concen: 20.259 ug/l
RT: 2.17 min Scan# 123
Delta R.T. -0.00 min
Lab File: VN058379.D
Acq: 26 Sep 2019 12:45

Tgt Ion: 62 Resp: 106978
Ion Ratio Lower Upper
62 100
64 31.1 26.6 40.0





#5

Bromomethane

Concen: 20.515 ug/l

RT: 2.55 min Scan# 242

Delta R.T. 0.00 min

Lab File: VN058337.D

Acq: 26 Sep 2019 12:45

Instrument :

MSVOA_N

ClientSampleId :

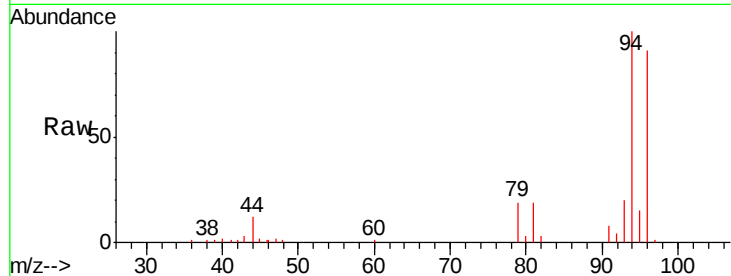
VN0926WBSD01

Tgt Ion: 94 Resp: 58820

Ion Ratio Lower Upper

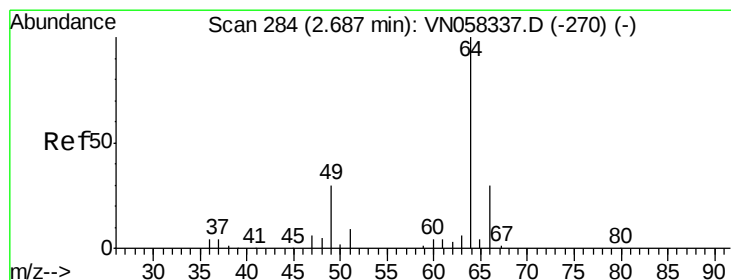
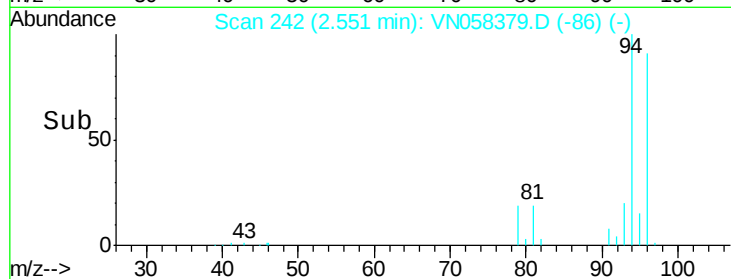
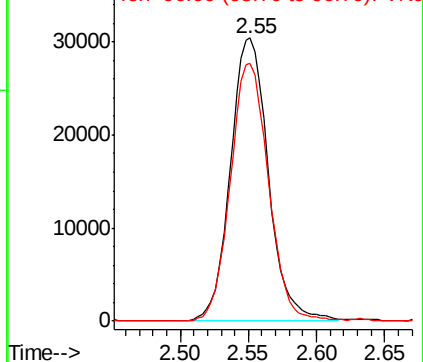
94 100

96 91.3 74.8 112.2



Abundance Ion 94.00 (93.70 to 94.70): VN0

Ion 96.00 (95.70 to 96.70): VN0



#6

Chloroethane

Concen: 20.924 ug/l

RT: 2.69 min Scan# 284

Delta R.T. -0.00 min

Lab File: VN058337.D

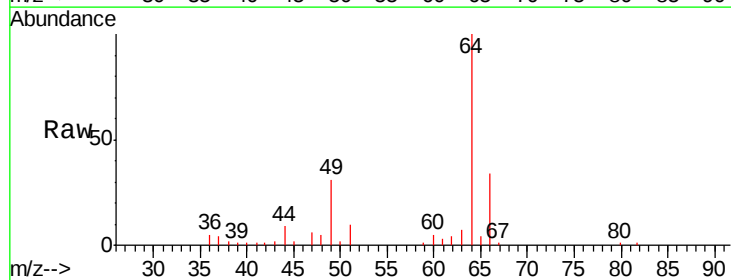
Acq: 26 Sep 2019 12:45

Tgt Ion: 64 Resp: 65299

Ion Ratio Lower Upper

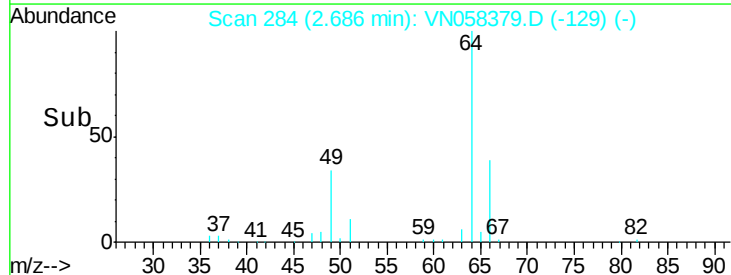
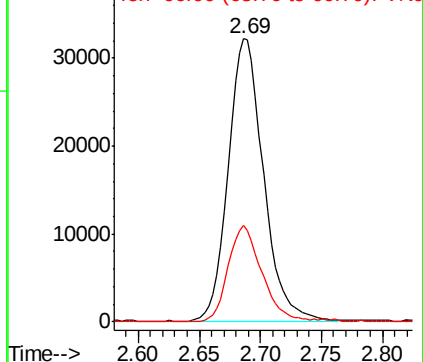
64 100

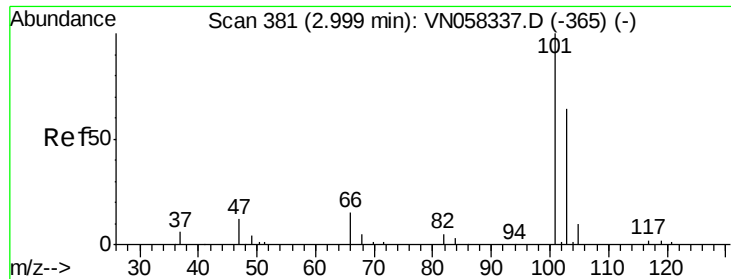
66 33.9 23.8 35.6



Abundance Ion 64.00 (63.70 to 64.70): VN0

Ion 66.00 (65.70 to 66.70): VN0



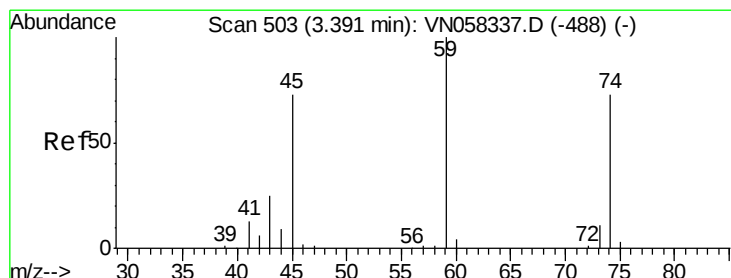
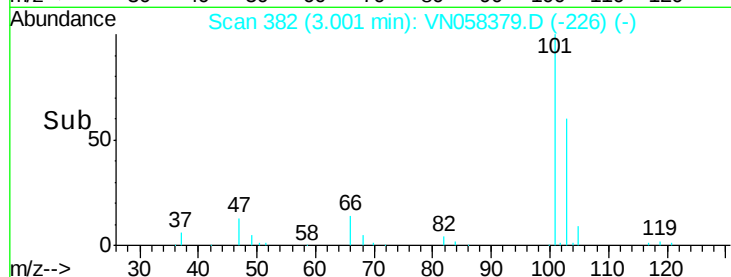
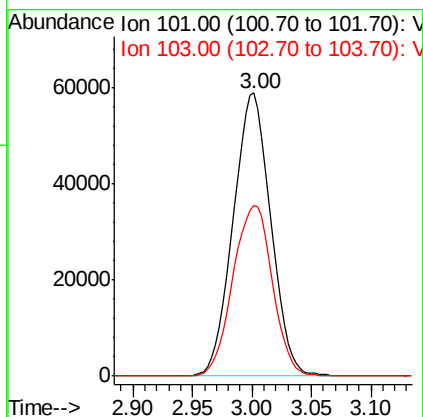
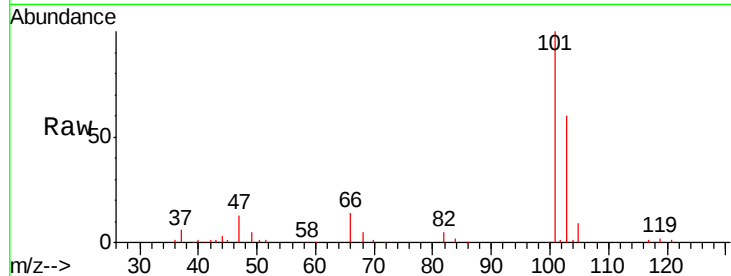


#7

Trichlorofluoromethane
 Concen: 20.776 ug/l
 RT: 3.00 min Scan# 382
 Delta R.T. 0.00 min
 Lab File: VN058379.D
 Acq: 26 Sep 2019 12:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0926WBSD01

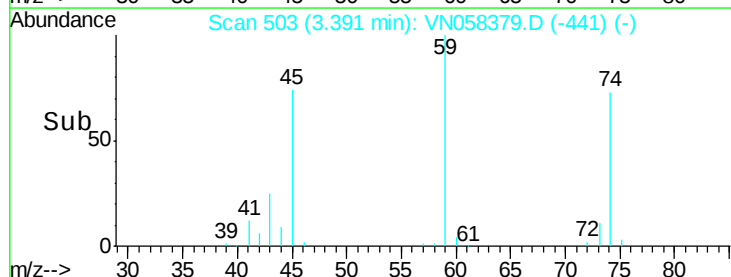
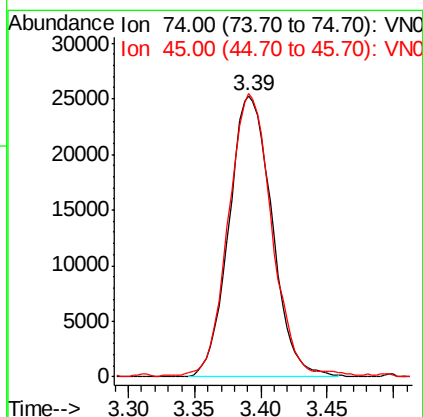
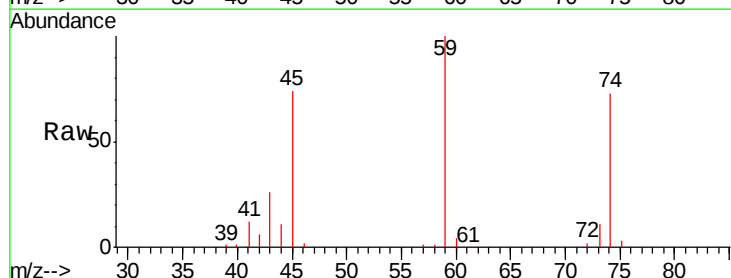
Tgt Ion:101 Resp: 129176
 Ion Ratio Lower Upper
 101 100
 103 60.3 51.5 77.3

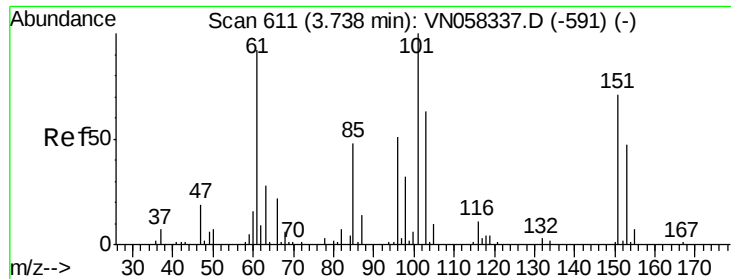


#8

Diethyl Ether
 Concen: 20.603 ug/l
 RT: 3.39 min Scan# 503
 Delta R.T. -0.00 min
 Lab File: VN058379.D
 Acq: 26 Sep 2019 12:45

Tgt Ion: 74 Resp: 56947
 Ion Ratio Lower Upper
 74 100
 45 98.9 20.8 187.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.938 ug/l

RT: 3.74 min Scan# 612

Delta R.T. 0.00 min

Lab File: VN058379.D

Acq: 26 Sep 2019 12:45

Instrument :

MSVOA_N

ClientSampleId :

VN0926WBSD01

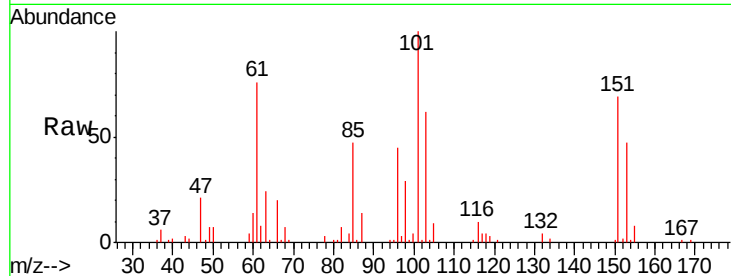
Tgt Ion:101 Resp: 85332

Ion Ratio Lower Upper

101 100

85 47.4 0.0 93.0

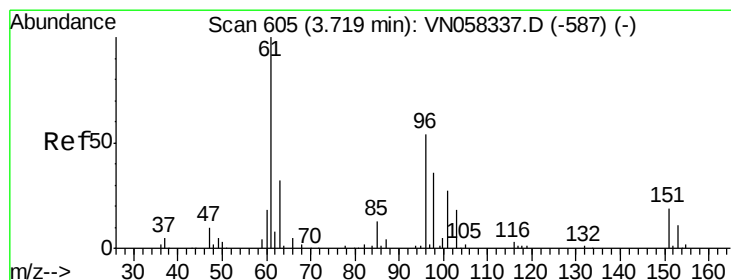
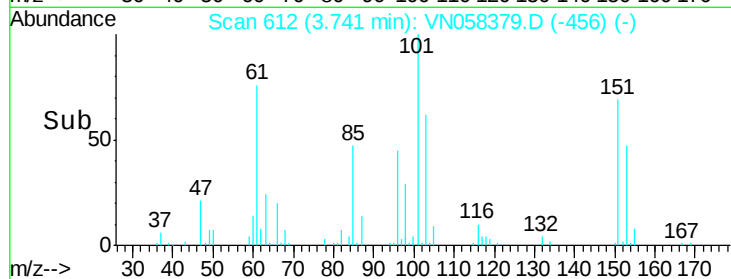
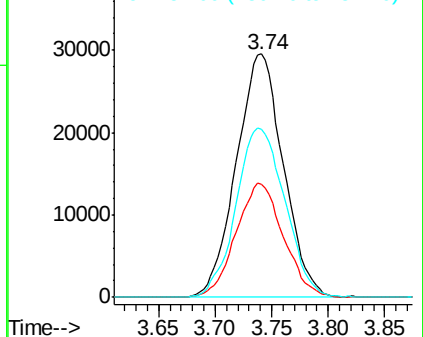
151 72.4 0.0 147.2



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: 19.969 ug/l

RT: 3.72 min Scan# 605

Delta R.T. -0.00 min

Lab File: VN058379.D

Acq: 26 Sep 2019 12:45

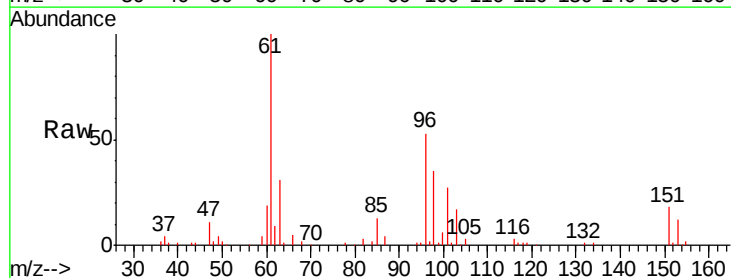
Tgt Ion: 96 Resp: 83548

Ion Ratio Lower Upper

96 100

61 188.2 146.9 220.3

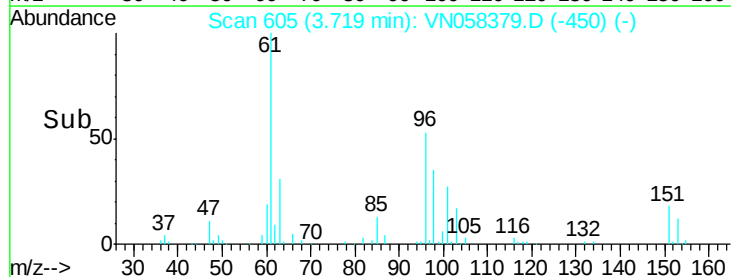
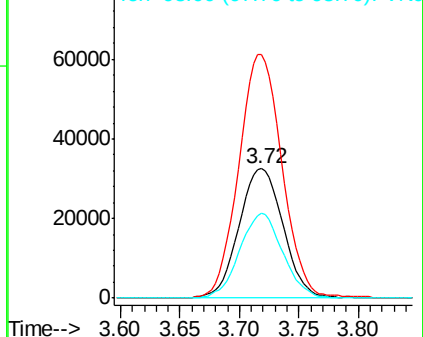
98 65.2 52.3 78.5

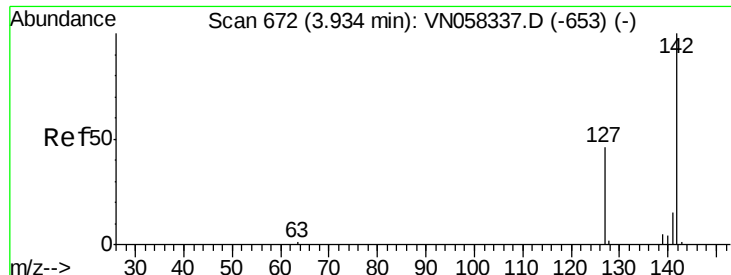


Abundance Ion 96.00 (95.70 to 96.70): VN

Ion 61.00 (60.70 to 61.70): VN

Ion 98.00 (97.70 to 98.70): VN

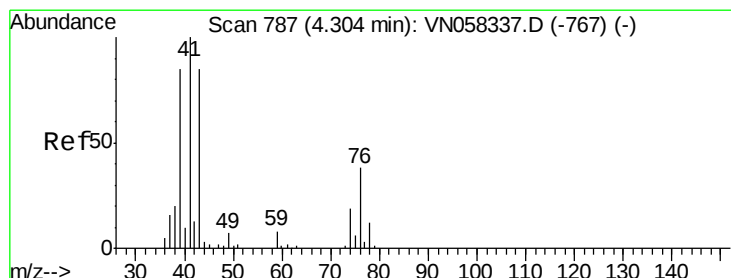
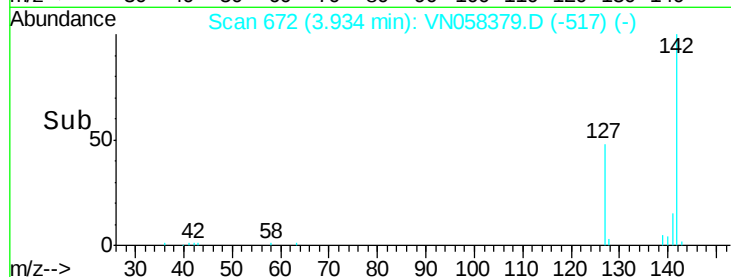
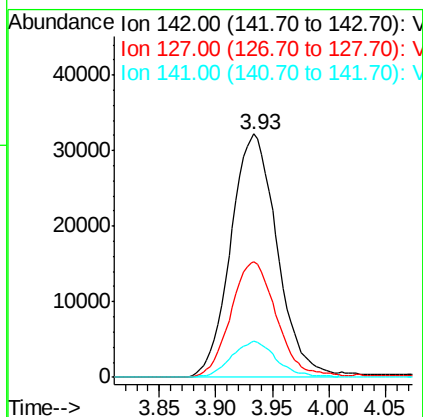
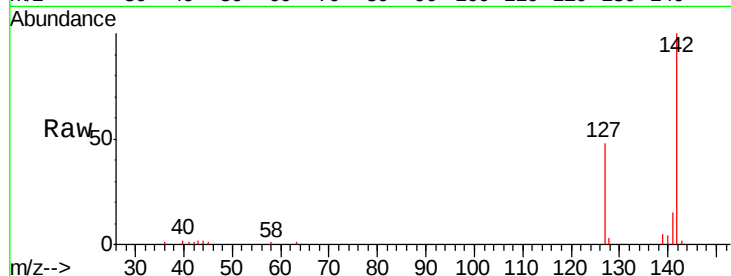




#11
Methyl Iodide
Concen: 21.418 ug/l
RT: 3.93 min Scan# 672
Delta R.T. -0.00 min
Lab File: VN058379.D
Acq: 26 Sep 2019 12:45

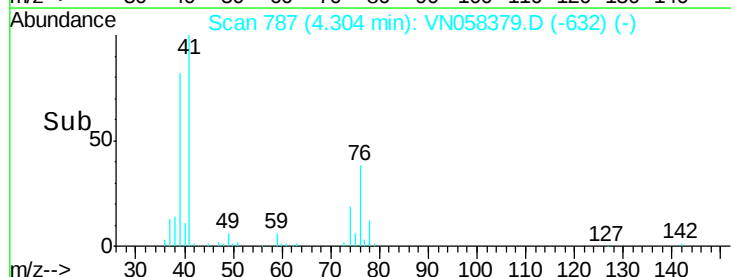
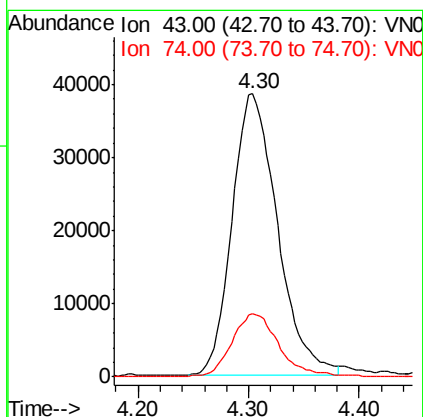
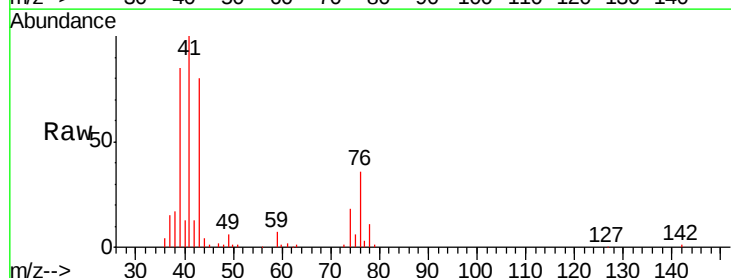
Instrument :
MSVOA_N
ClientSampleId :
VN0926WBSD01

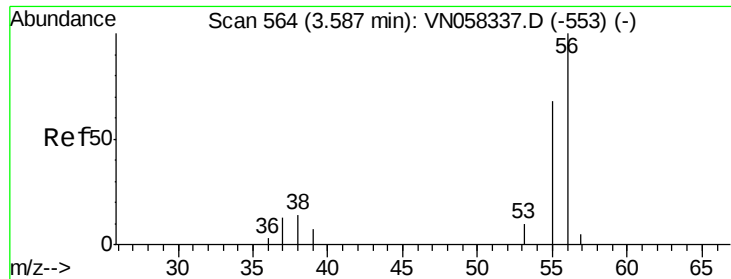
Tgt Ion: 142 Resp: 91875
Ion Ratio Lower Upper
142 100
127 47.5 22.9 68.7
141 15.0 7.4 22.3



#12
Methyl Acetate
Concen: 19.663 ug/l
RT: 4.30 min Scan# 787
Delta R.T. -0.00 min
Lab File: VN058379.D
Acq: 26 Sep 2019 12:45

Tgt Ion: 43 Resp: 109573
Ion Ratio Lower Upper
43 100
74 22.5 17.8 26.6





#13

Acrolein

Concen: 90.417 ug/l

RT: 3.59 min Scan# 566

Delta R.T. 0.01 min

Lab File: VN058379.D

Acq: 26 Sep 2019 12:45

Instrument :

MSVOA_N

ClientSampleId :

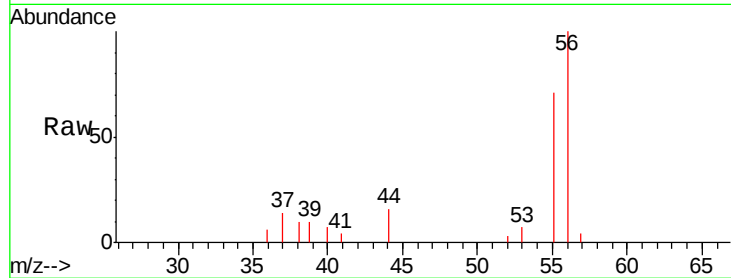
VN0926WBSD01

Tgt Ion: 56 Resp: 14327

Ion Ratio Lower Upper

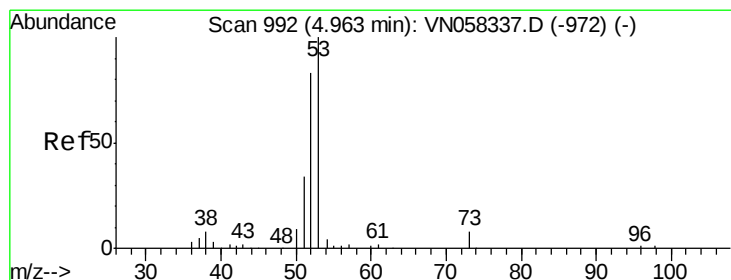
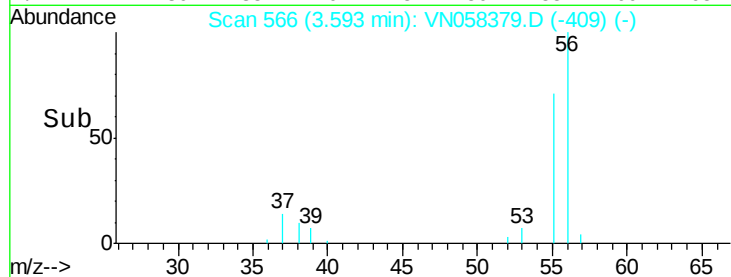
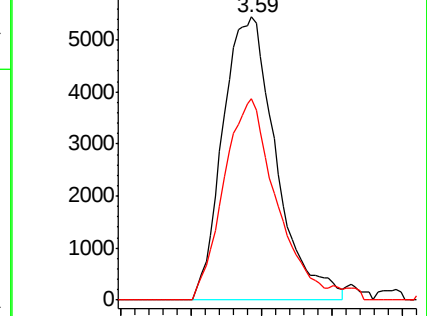
56 100

55 69.6 58.4 87.6



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Acrylonitrile

Concen: 99.505 ug/l

RT: 4.96 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN058379.D

Acq: 26 Sep 2019 12:45

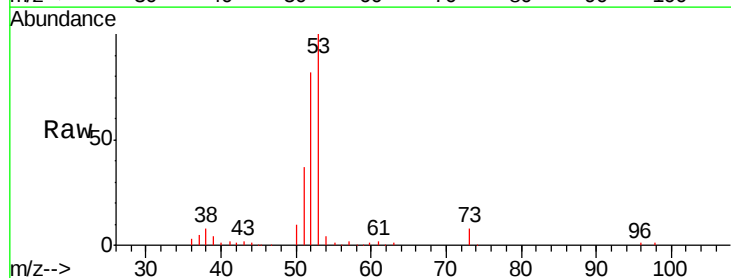
Tgt Ion: 53 Resp: 228949

Ion Ratio Lower Upper

53 100

52 83.8 41.3 123.7

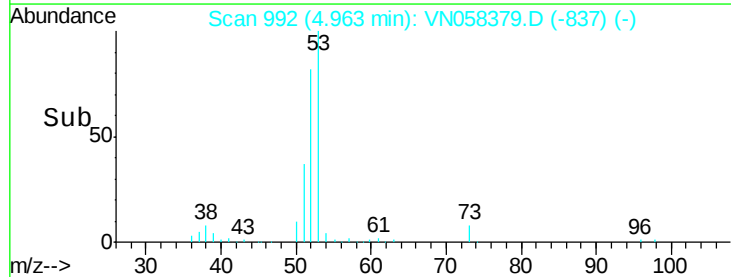
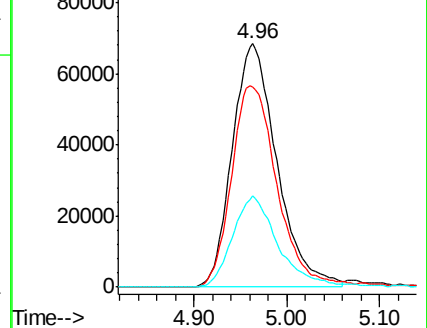
51 37.6 18.3 54.8

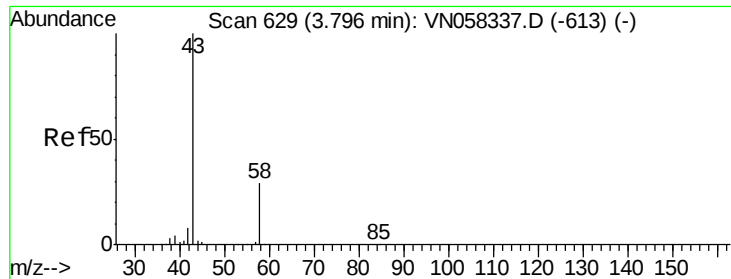


Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0





#15

Acetone

Concen: 101.091 ug/l

RT: 3.79 min Scan# 628

Delta R.T. -0.00 min

Lab File: VN058379.D

Acq: 26 Sep 2019 12:45

Instrument :

MSVOA_N

ClientSampleId :

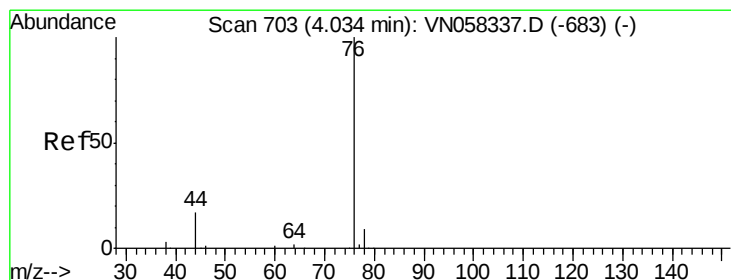
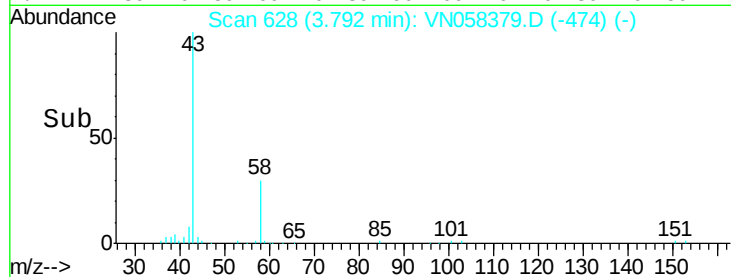
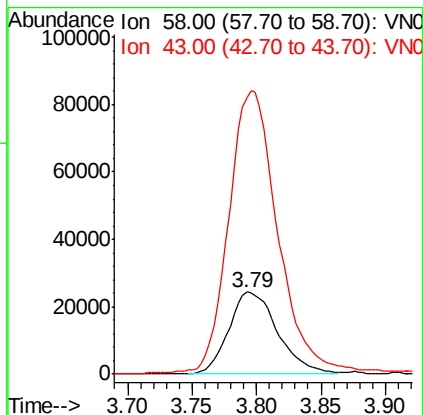
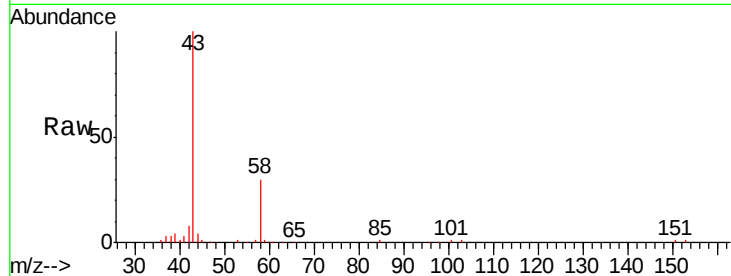
VN0926WBSD01

Tgt Ion: 58 Resp: 64493

Ion Ratio Lower Upper

58 100

43 332.3 272.6 409.0



#16

Carbon Disulfide

Concen: 18.786 ug/l

RT: 4.03 min Scan# 703

Delta R.T. -0.00 min

Lab File: VN058379.D

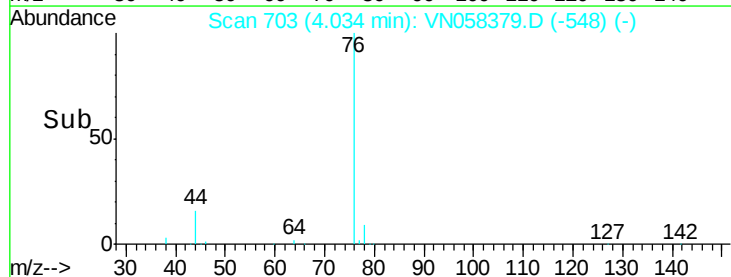
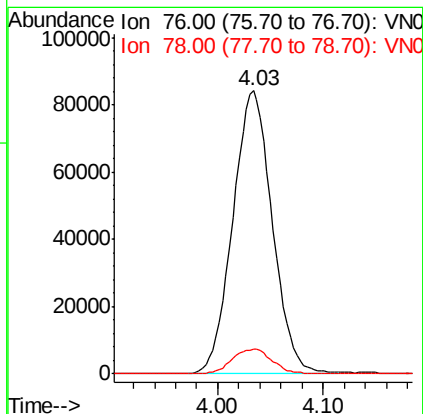
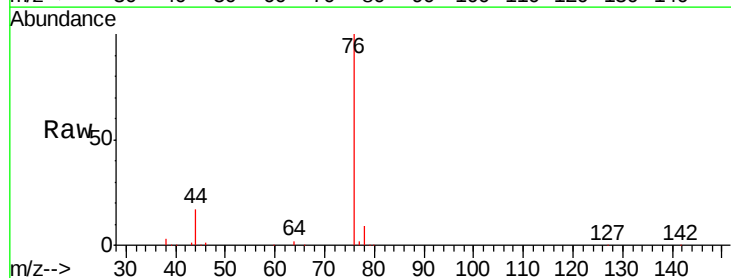
Acq: 26 Sep 2019 12:45

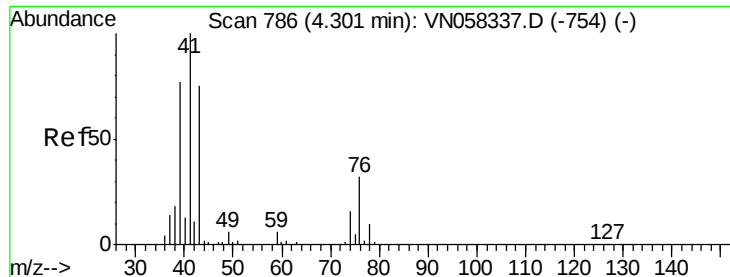
Tgt Ion: 76 Resp: 218426

Ion Ratio Lower Upper

76 100

78 8.6 7.4 11.2





#17

Allyl chloride

Concen: 19.433 ug/l

RT: 4.30 min Scan# 787

Delta R.T. 0.00 min

Lab File: VN058379.D

Acq: 26 Sep 2019 12:45

Instrument :

MSVOA_N

ClientSampleId :

VN0926WBSD01

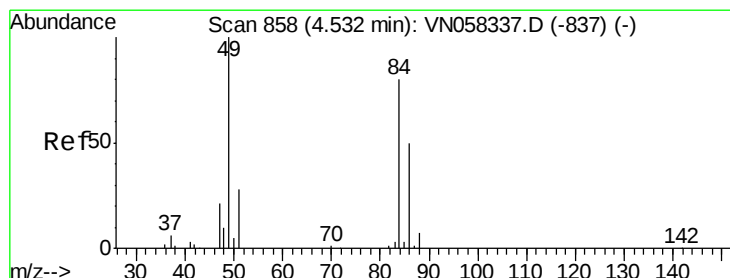
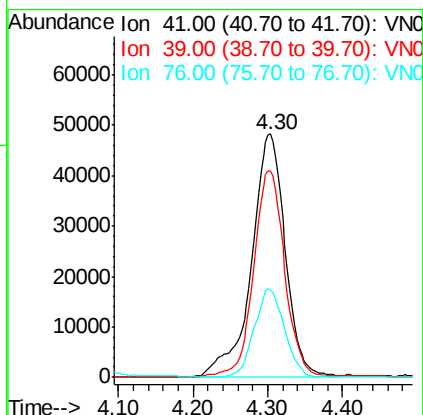
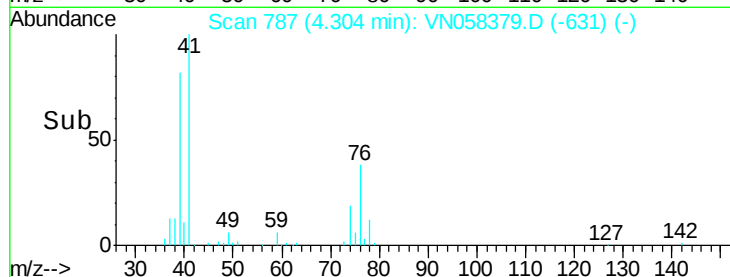
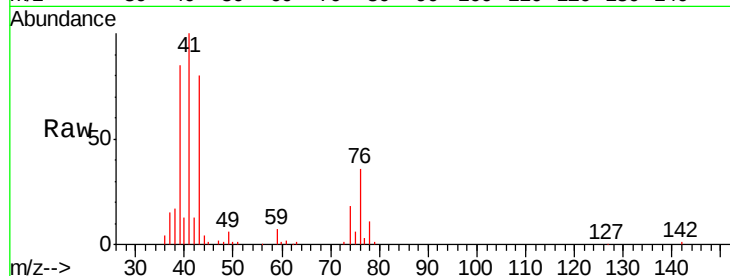
Tgt Ion: 41 Resp: 151869

Ion Ratio Lower Upper

41 100

39 85.0 38.7 116.1

76 36.2 16.4 49.1



#18

Methylene Chloride

Concen: 20.841 ug/l

RT: 4.53 min Scan# 857

Delta R.T. -0.00 min

Lab File: VN058379.D

Acq: 26 Sep 2019 12:45

Tgt Ion: 84 Resp: 102864

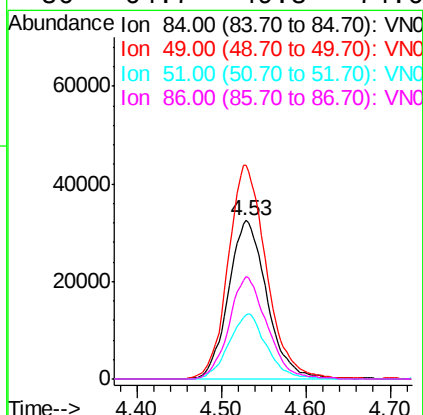
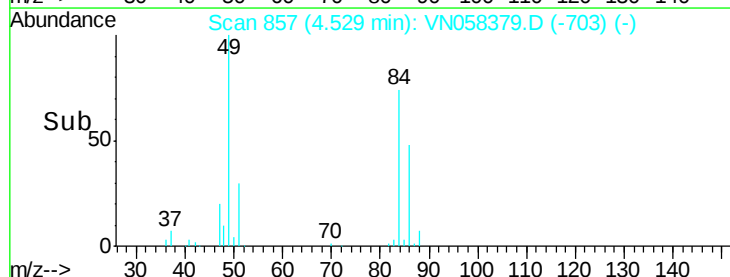
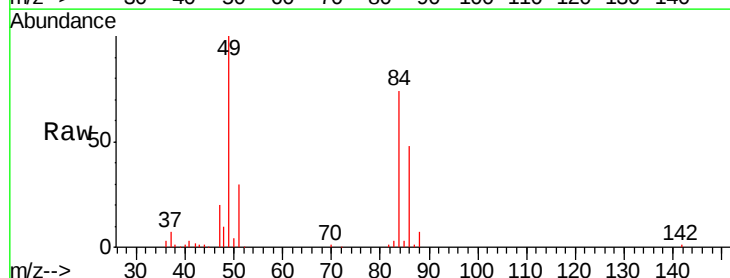
Ion Ratio Lower Upper

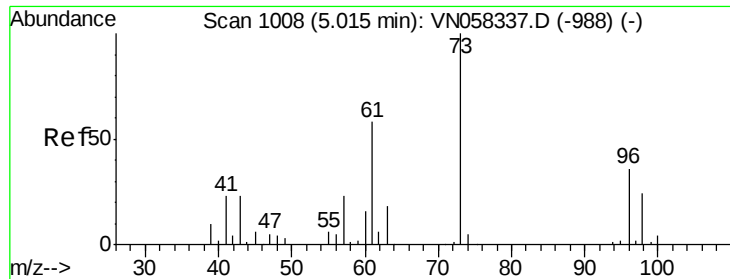
84 100

49 134.2 99.8 149.6

51 40.8 28.3 42.5

86 64.7 49.8 74.6

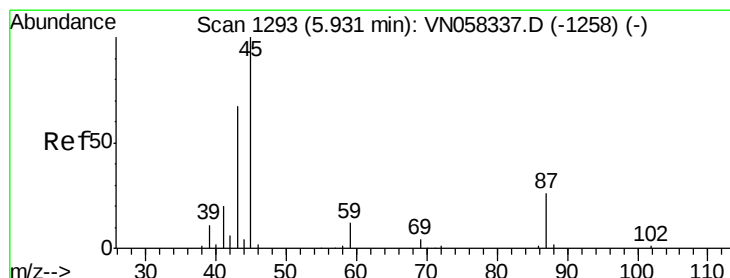
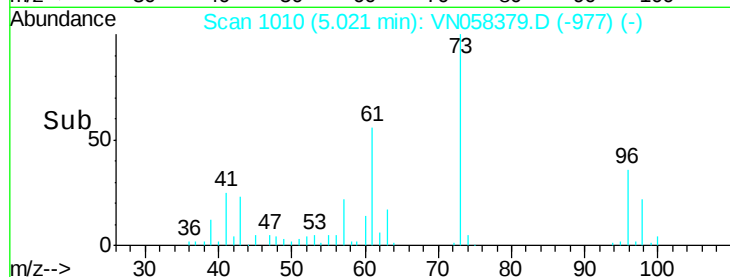
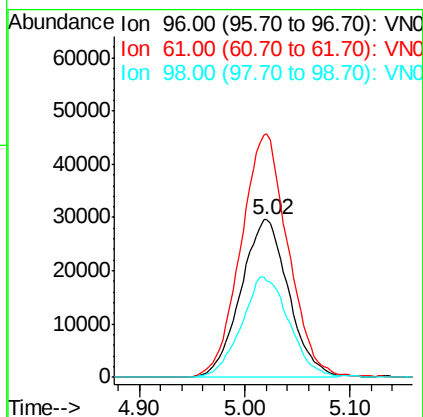
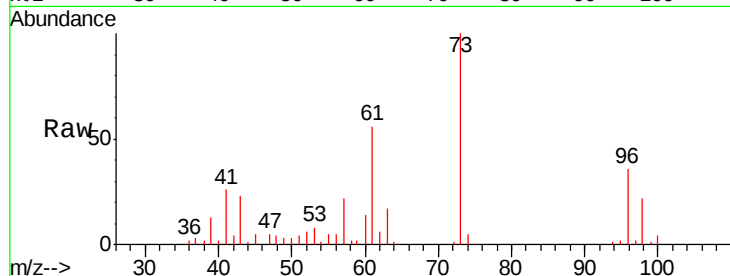




#19
trans-1,2-Dichloroethene
Concen: 19.877 ug/l
RT: 5.02 min Scan# 1010
Delta R.T. 0.01 min
Lab File: VN058379.D
Acq: 26 Sep 2019 12:45

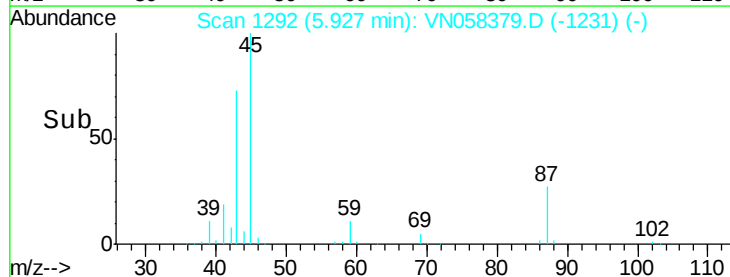
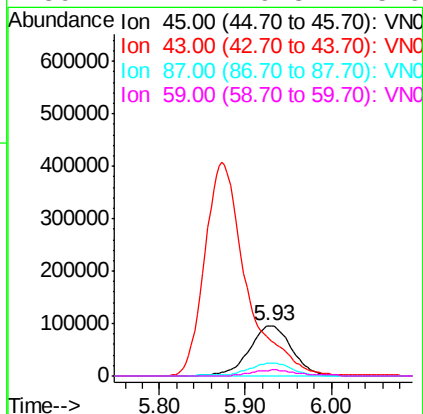
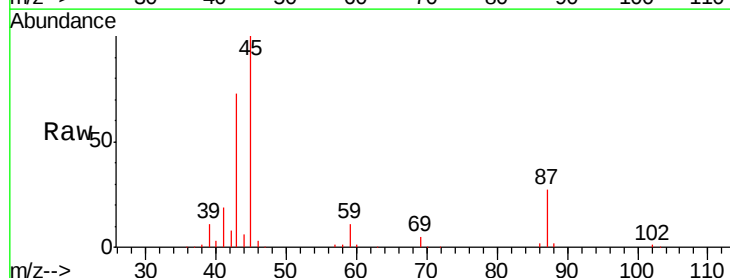
Instrument :
MSVOA_N
ClientSampleId :
VN0926WBSD01

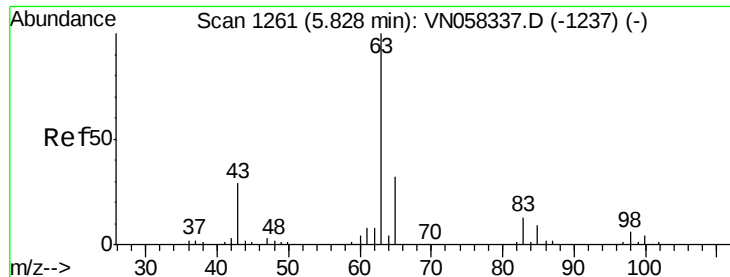
Tgt Ion: 96 Resp: 93235
Ion Ratio Lower Upper
96 100
61 154.5 128.0 192.0
98 61.5 53.0 79.6



#20
Diisopropyl ether
Concen: 19.671 ug/l
RT: 5.93 min Scan# 1292
Delta R.T. -0.00 min
Lab File: VN058379.D
Acq: 26 Sep 2019 12:45

Tgt Ion: 45 Resp: 327555
Ion Ratio Lower Upper
45 100
43 70.0 54.1 81.1
87 26.2 21.4 32.2
59 11.2 9.3 13.9

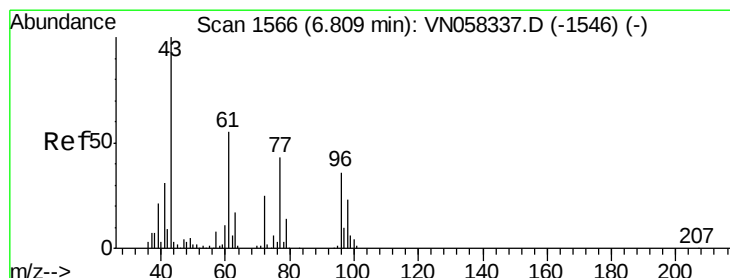
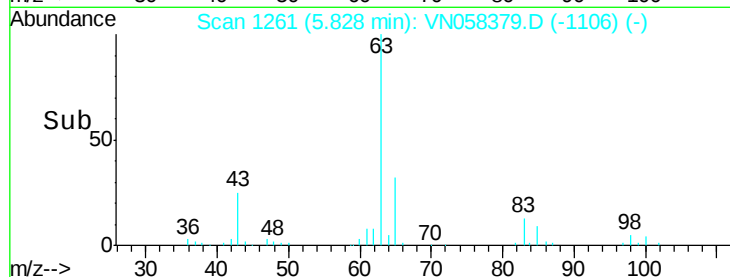
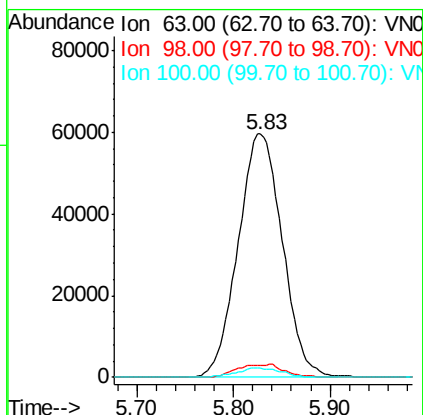
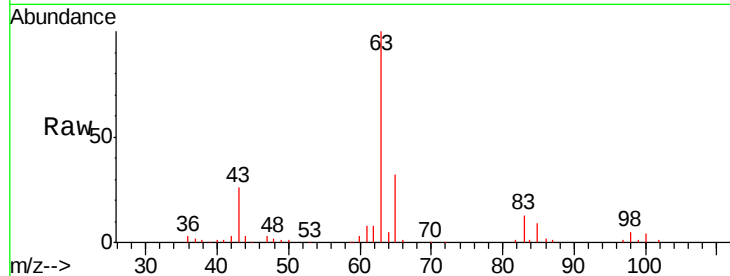




#21
 1,1-Dichloroethane
 Concen: 20.323 ug/l
 RT: 5.83 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: VN058379.D
 Acq: 26 Sep 2019 12:45

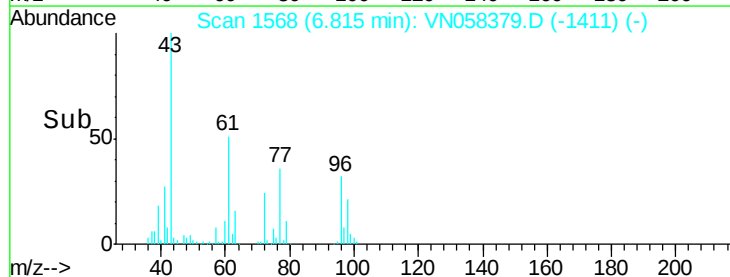
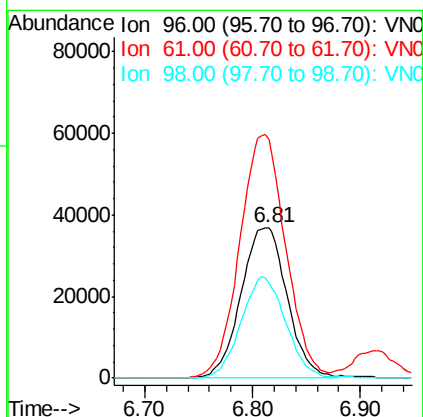
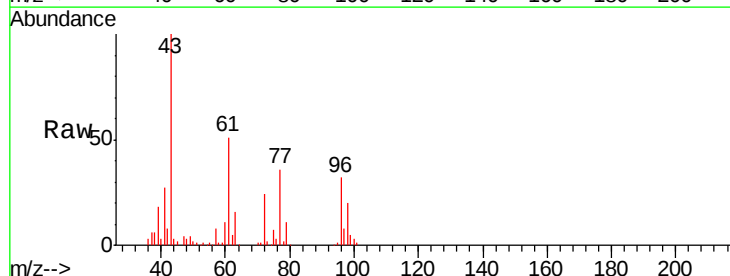
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0926WBSD01

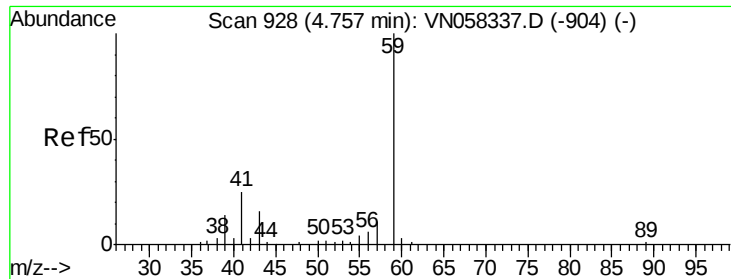
Tgt Ion: 63 Resp: 189373
 Ion Ratio Lower Upper
 63 100
 98 4.8 3.0 9.2
 100 3.7 2.1 6.5



#22
 cis-1,2-Dichloroethene
 Concen: 20.104 ug/l
 RT: 6.81 min Scan# 1568
 Delta R.T. 0.01 min
 Lab File: VN058379.D
 Acq: 26 Sep 2019 12:45

Tgt Ion: 96 Resp: 109529
 Ion Ratio Lower Upper
 96 100
 61 161.1 128.2 192.2
 98 65.0 50.6 76.0

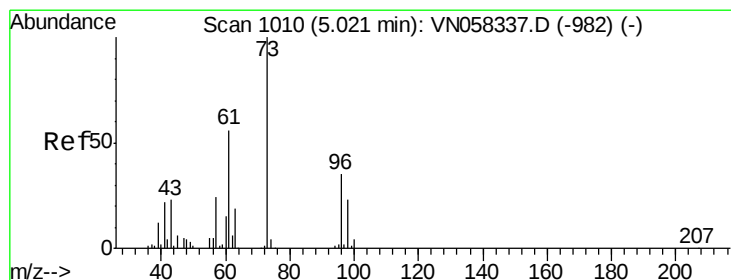
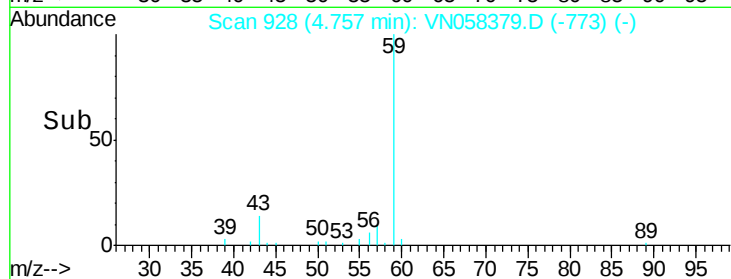
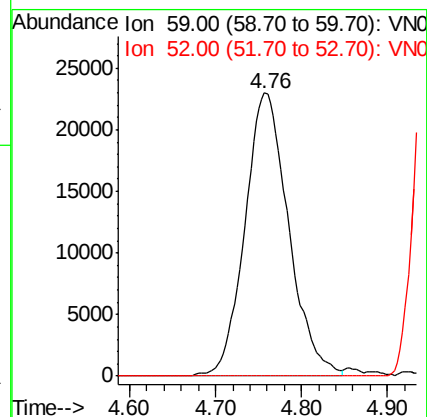
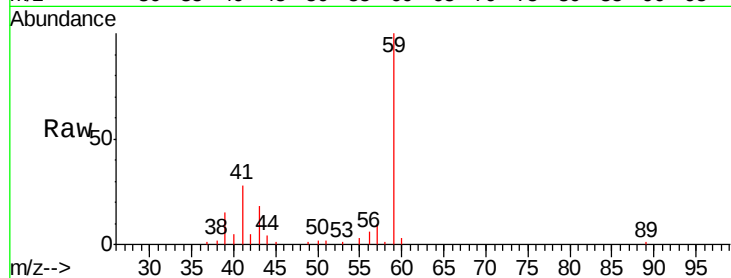




#23
 tert-Butyl Alcohol
 Concen: 95.628 ug/l
 RT: 4.76 min Scan# 928
 Delta R.T. -0.00 min
 Lab File: VN058379.D
 Acq: 26 Sep 2019 12:45

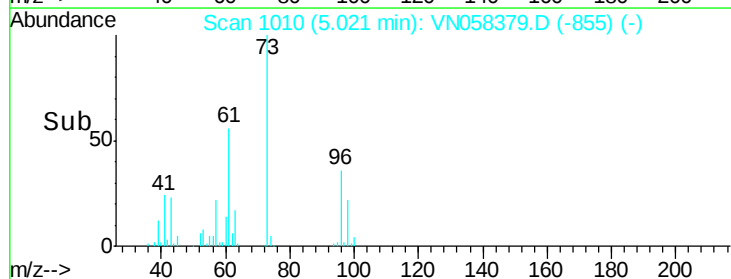
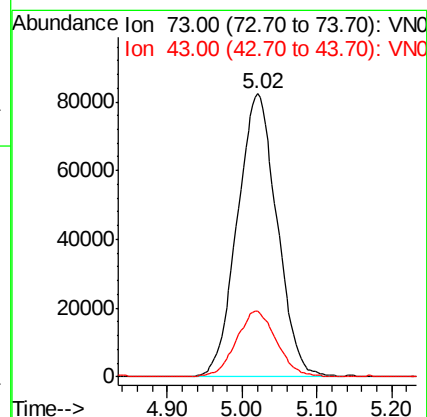
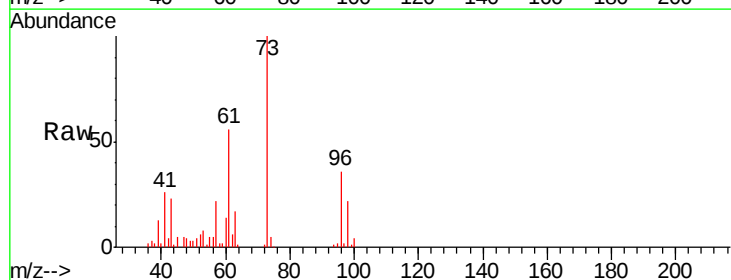
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0926WBSD01

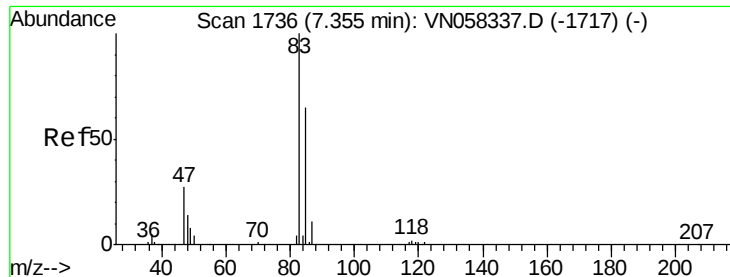
Tgt Ion: 59 Resp: 81225
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.1 0.1#



#24
 Methyl tert-Butyl Ether
 Concen: 20.199 ug/l
 RT: 5.02 min Scan# 1010
 Delta R.T. -0.00 min
 Lab File: VN058379.D
 Acq: 26 Sep 2019 12:45

Tgt Ion: 73 Resp: 303350
 Ion Ratio Lower Upper
 73 100
 43 23.1 18.4 27.6





#25

Chloroform

Concen: 20.207 ug/l

RT: 7.36 min Scan# 1736

Delta R.T. -0.00 min

Lab File: VN058379.D

Acq: 26 Sep 2019 12:45

Instrument :

MSVOA_N

ClientSampleId :

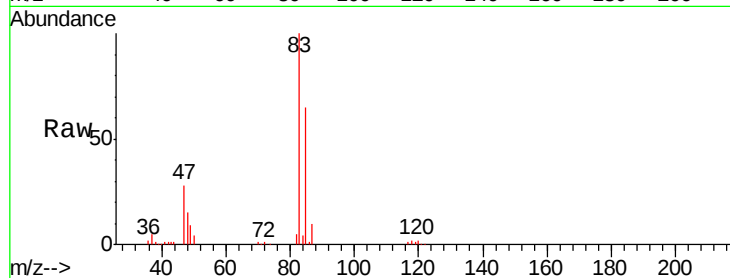
VN0926WBSD01

Tgt Ion: 83 Resp: 190664

Ion Ratio Lower Upper

83 100

85 65.4 51.8 77.6



Abundance Ion 83.00 (82.70 to 83.70): VNO

Ion 85.00 (84.70 to 85.70): VNO

7.36

80000

60000

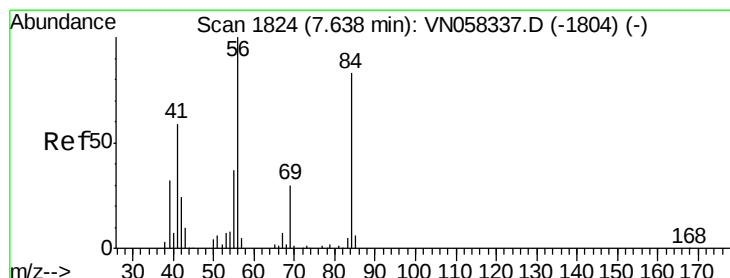
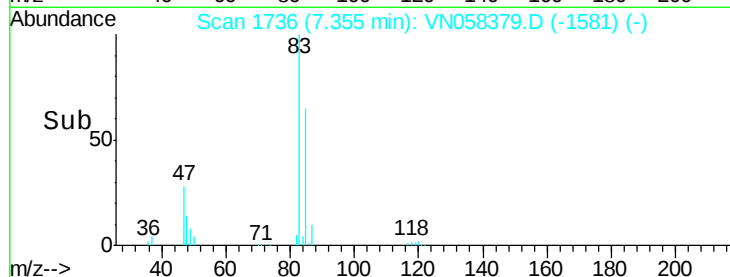
40000

20000

0

7.30 7.40

Time-->



#26

Cyclohexane

Concen: 19.610 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. -0.00 min

Lab File: VN058379.D

Acq: 26 Sep 2019 12:45

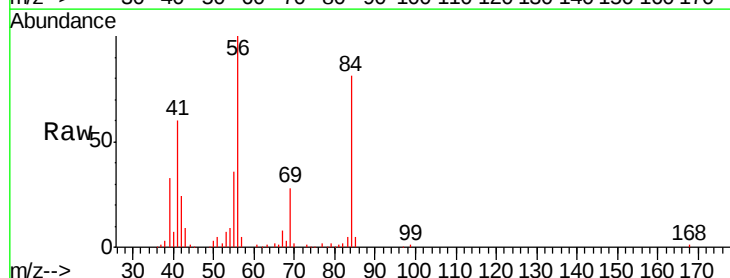
Tgt Ion: 56 Resp: 170791

Ion Ratio Lower Upper

56 100

89 0.0 0.1 0.1#

84 82.0 66.9 100.3



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

120000

100000

80000

60000

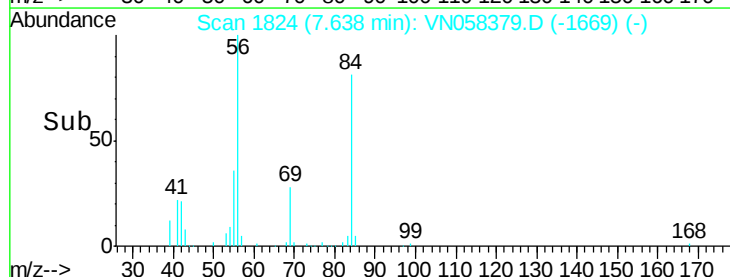
40000

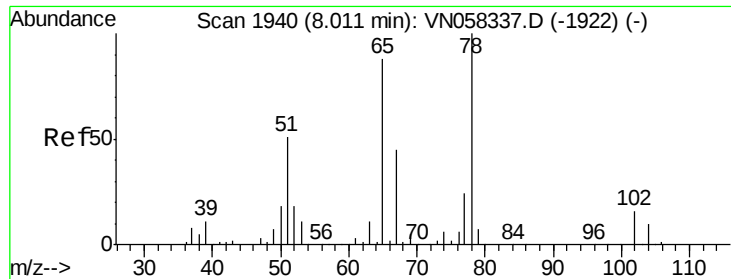
20000

0

7.55 7.60 7.65 7.70

Time-->

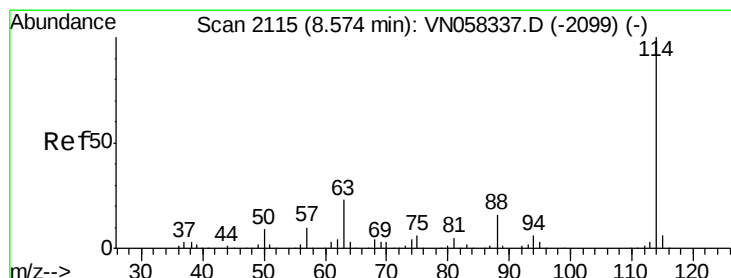
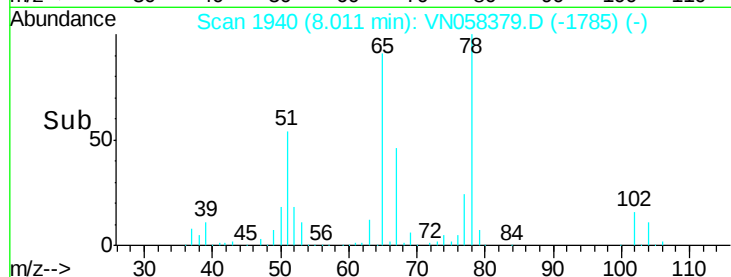
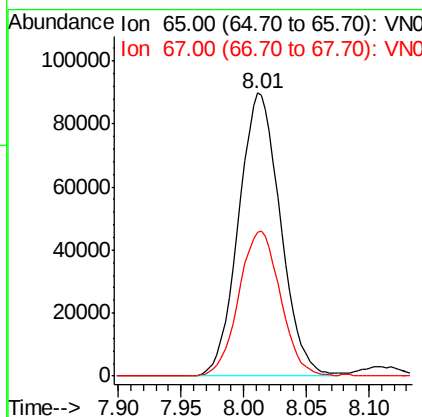
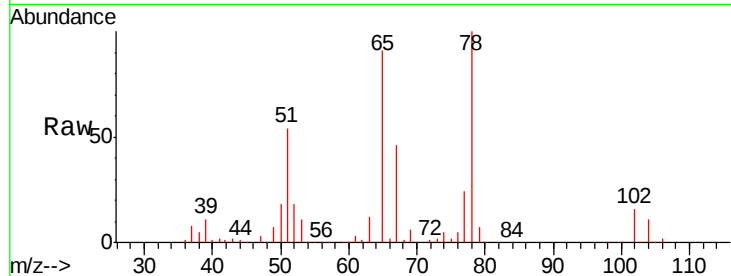




#27
 1,2-Dichloroethane-d4
 Concen: 30.950 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. -0.00 min
 Lab File: VN058379.D
 Acq: 26 Sep 2019 12:45

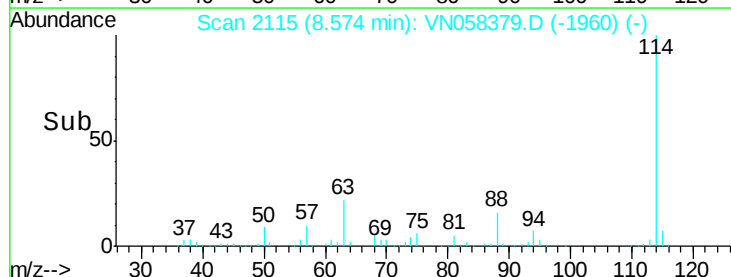
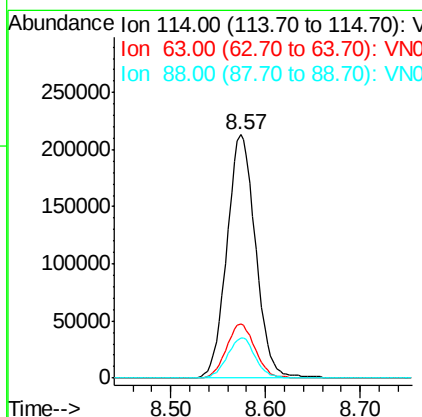
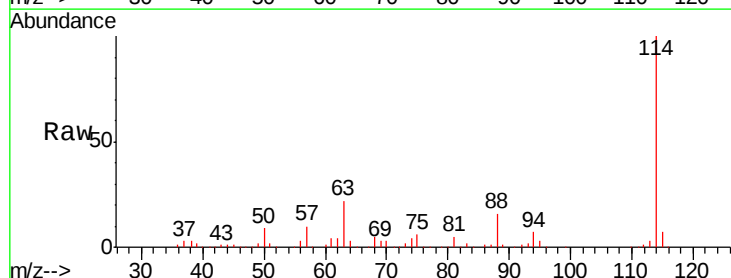
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0926WBSD01

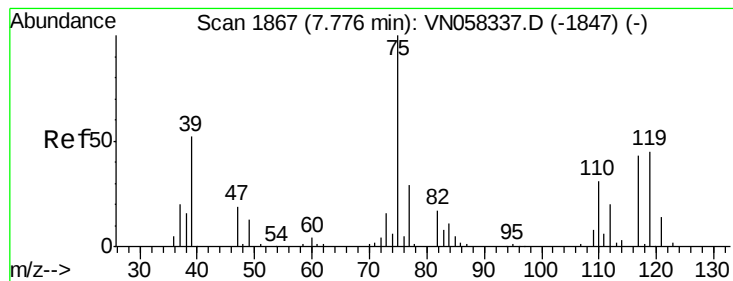
Tgt Ion: 65 Resp: 208513
 Ion Ratio Lower Upper
 65 100
 67 51.0 40.4 60.6



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN058379.D
 Acq: 26 Sep 2019 12:45

Tgt Ion: 114 Resp: 449319
 Ion Ratio Lower Upper
 114 100
 63 22.3 17.8 26.8
 88 16.1 12.7 19.1

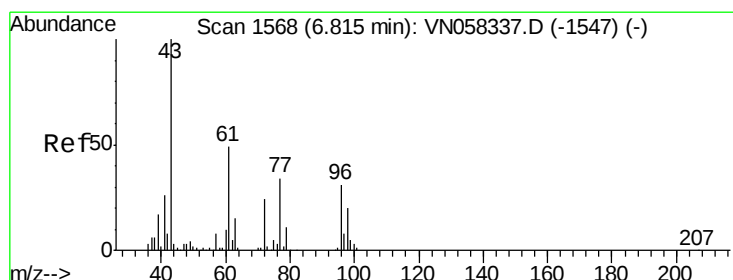
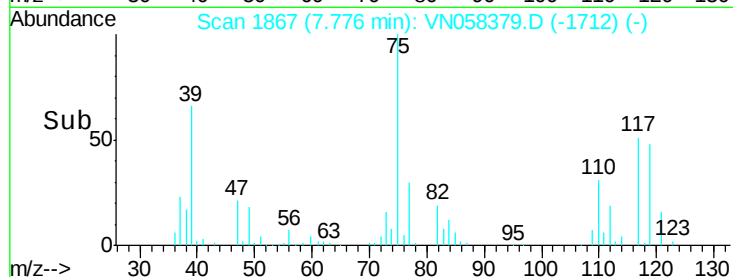
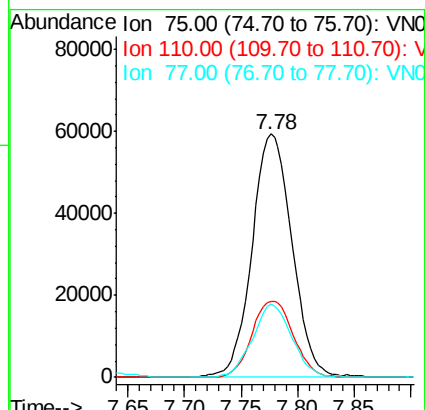
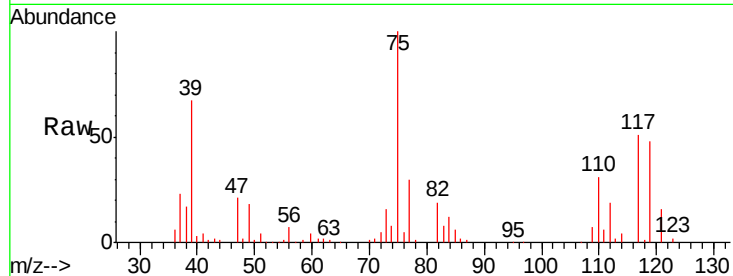




#29
 1,1-Dichloropropene
 Concen: 19.892 ug/l
 RT: 7.78 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN058379.D
 Acq: 26 Sep 2019 12:45

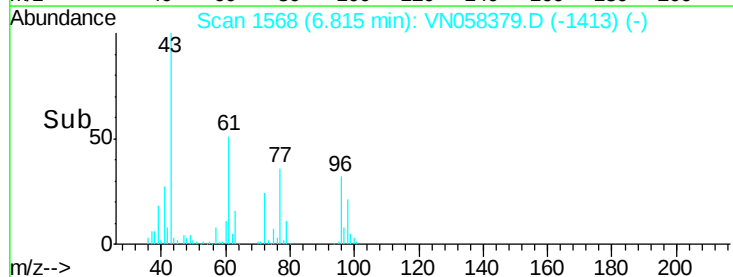
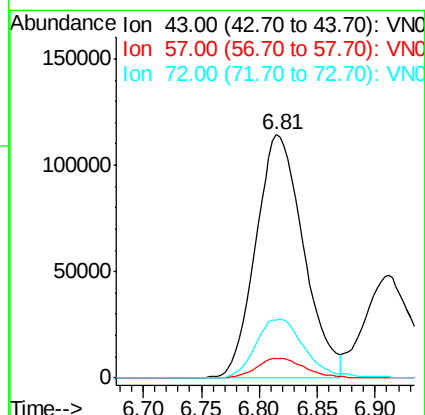
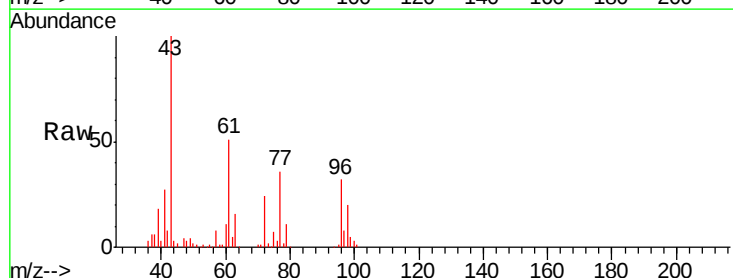
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0926WBSD01

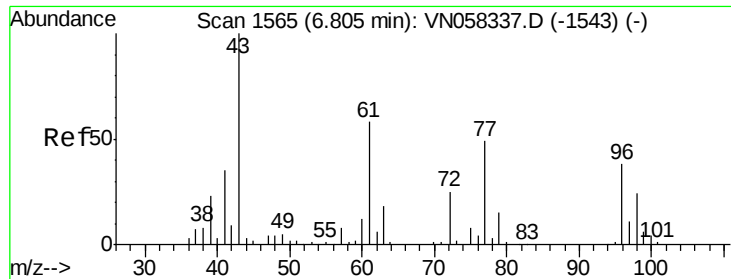
Tgt Ion	Ratio	Lower	Upper
75	100		
110	32.6	0.0	63.6
77	29.0	0.0	59.4



#30
 2-Butanone
 Concen: 97.689 ug/l
 RT: 6.81 min Scan# 1568
 Delta R.T. -0.00 min
 Lab File: VN058379.D
 Acq: 26 Sep 2019 12:45

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.3	6.2	9.4
72	0.0	20.3	30.5#





#31

2,2-Dichloropropane

Concen: 19.174 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VN058379.D

Acq: 26 Sep 2019 12:45

Instrument :

MSVOA_N

ClientSampleId :

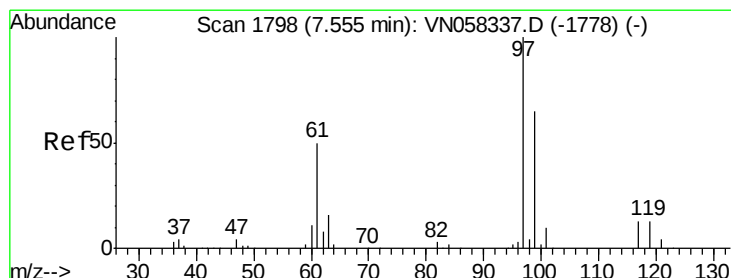
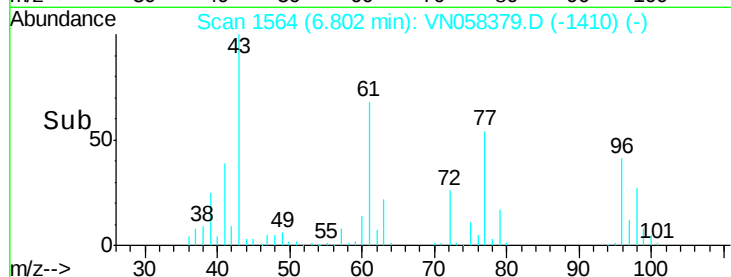
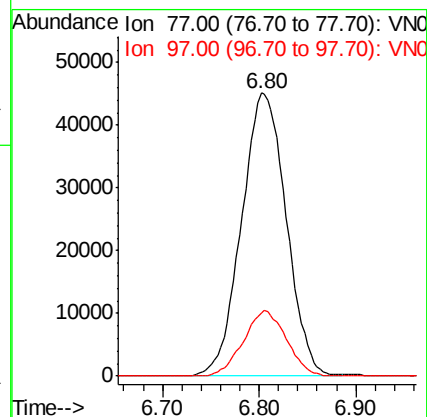
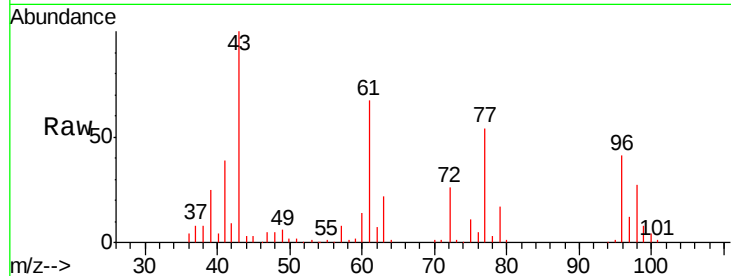
VN0926WBSD01

Tgt Ion: 77 Resp: 144779

Ion Ratio Lower Upper

77 100

97 22.3 17.6 26.4



#32

1,1,1-Trichloroethane

Concen: 19.999 ug/l

RT: 7.55 min Scan# 1797

Delta R.T. -0.00 min

Lab File: VN058379.D

Acq: 26 Sep 2019 12:45

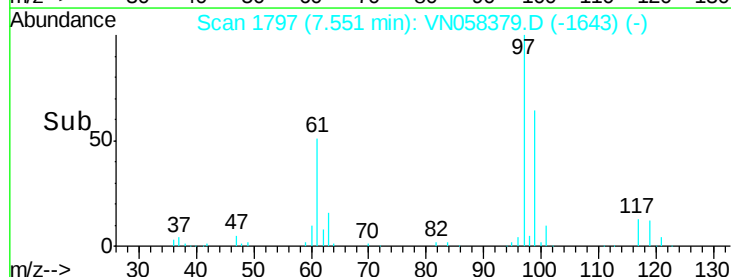
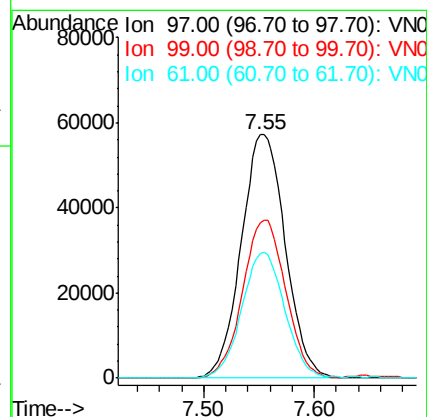
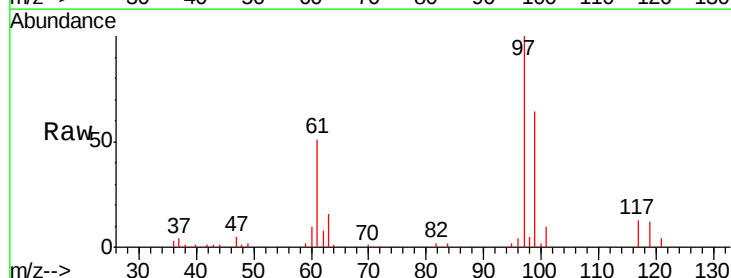
Tgt Ion: 97 Resp: 158204

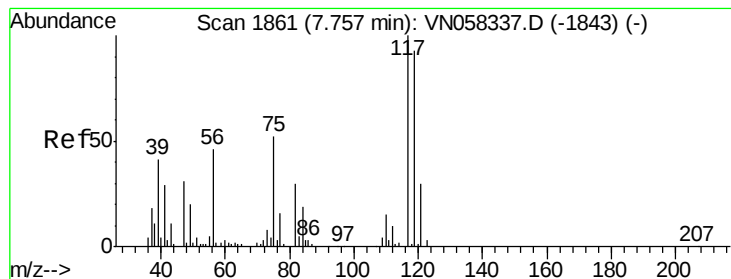
Ion Ratio Lower Upper

97 100

99 63.5 51.8 77.6

61 50.5 39.4 59.2





#33

Carbon Tetrachloride

Concen: 19.660 ug/l

RT: 7.76 min Scan# 1861

Delta R.T. -0.00 min

Lab File: VN058379.D

Acq: 26 Sep 2019 12:45

Instrument :

MSVOA_N

ClientSampled :

VN0926WBSD01

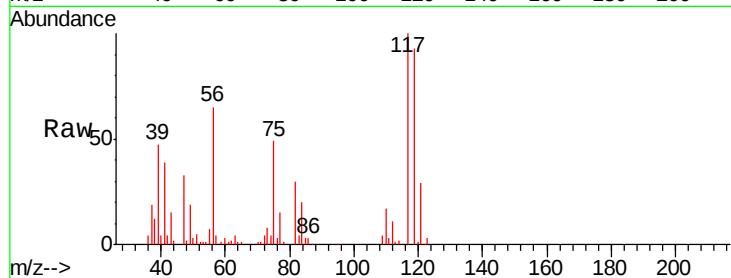
Tgt Ion:117 Resp: 132131

Ion Ratio Lower Upper

117 100

119 93.0 74.2 111.4

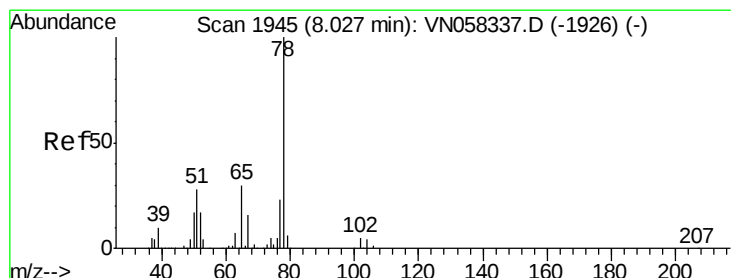
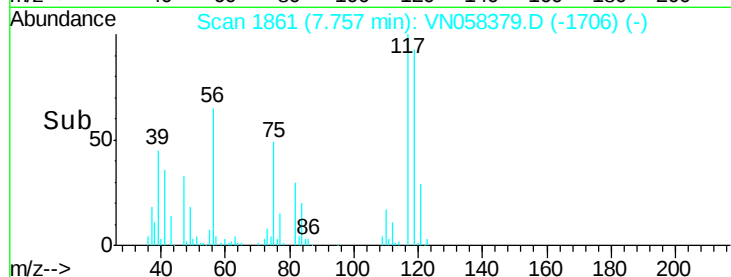
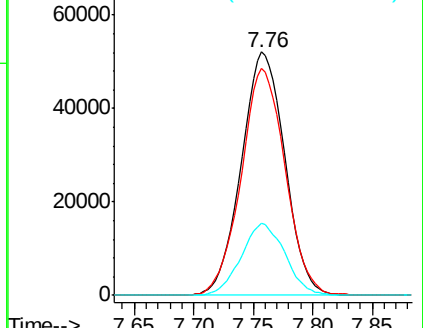
121 29.5 23.9 35.9



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: 20.029 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN058379.D

Acq: 26 Sep 2019 12:45

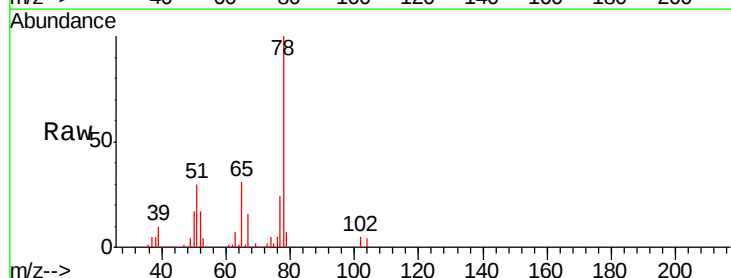
Tgt Ion: 78 Resp: 416727

Ion Ratio Lower Upper

78 100

77 24.0 18.8 28.2

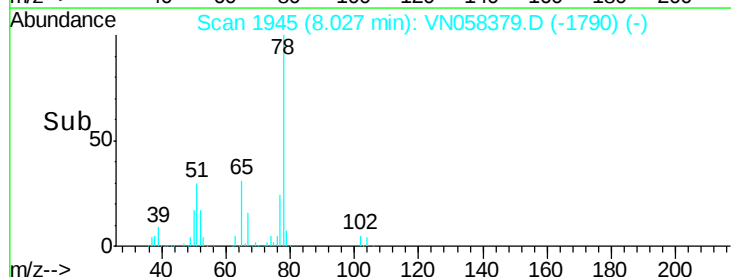
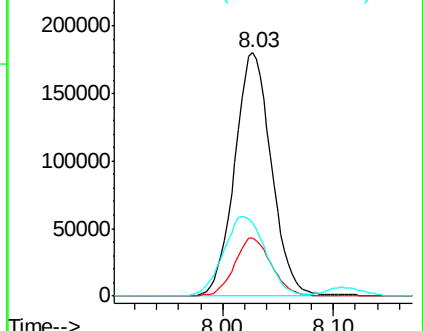
51 29.6 22.4 33.6

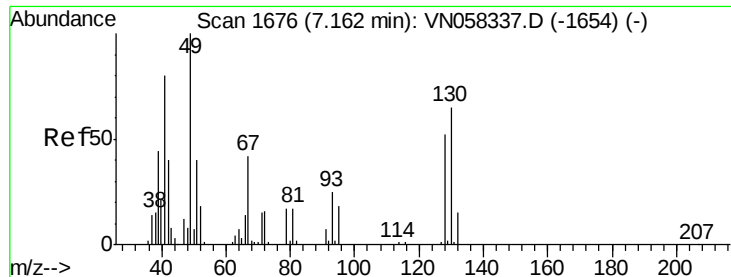


Abundance Ion 78.10 (77.80 to 78.80): V

Ion 77.00 (76.70 to 77.70): V

Ion 51.00 (50.70 to 51.70): V

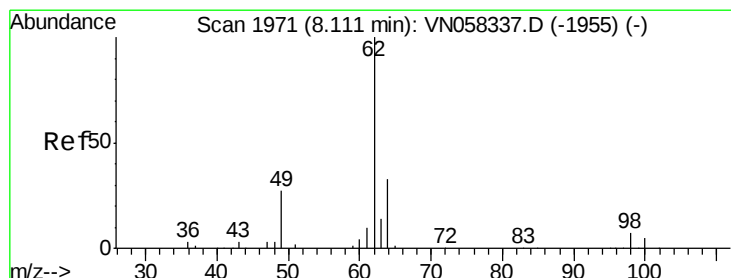
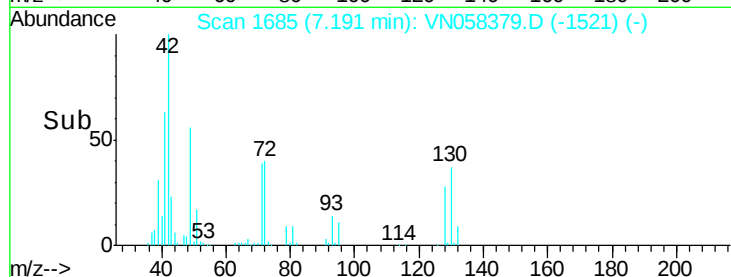
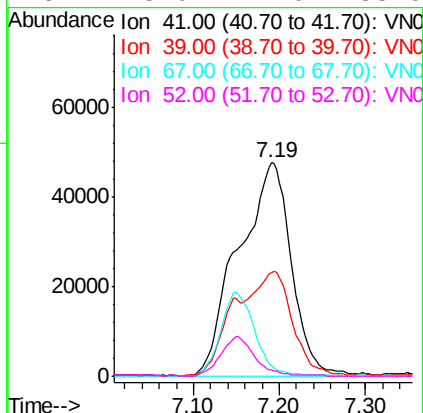
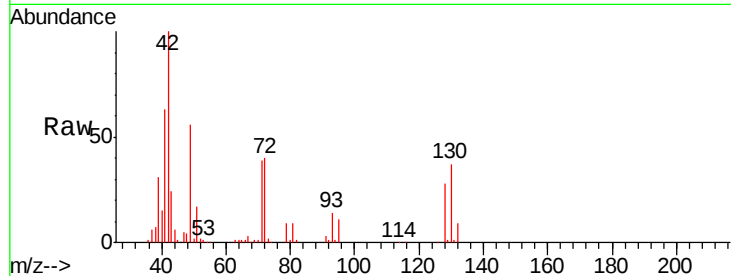




#35
Methacrylonitrile
Concen: 70.890 ug/l
RT: 7.19 min Scan# 1685
Delta R.T. 0.03 min
Lab File: VN058379.D
Acq: 26 Sep 2019 12:45

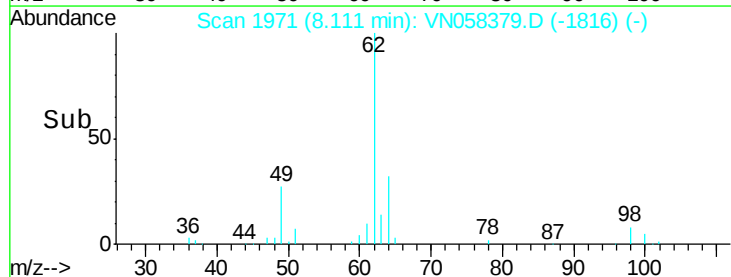
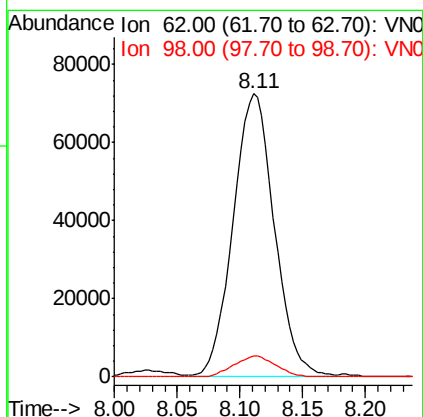
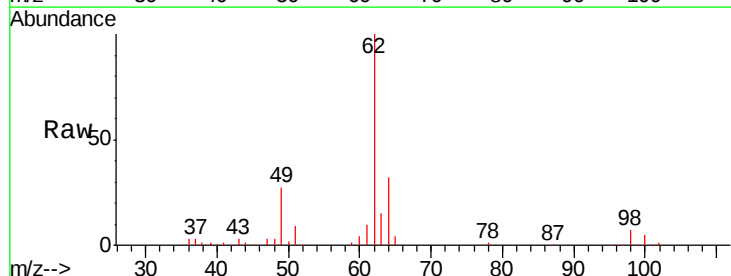
Instrument :
MSVOA_N
ClientSampled :
VN0926WBSD01

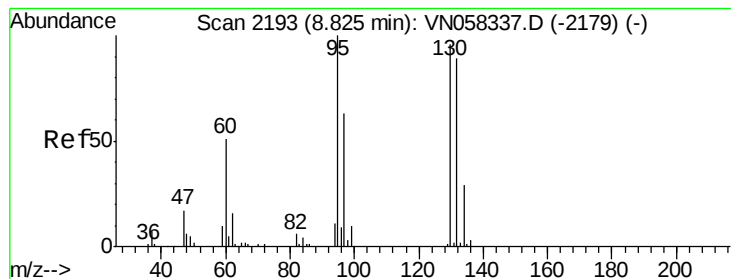
Tgt Ion:	41	Resp:	203059
Ion	Ratio	Lower	Upper
41	100		
39	48.1	27.3	81.9
67	4.5	26.3	78.9#
52	3.0	11.0	33.0#



#36
1,2-Dichloroethane
Concen: 20.326 ug/l
RT: 8.11 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VN058379.D
Acq: 26 Sep 2019 12:45

Tgt Ion:	62	Resp:	165667
Ion	Ratio	Lower	Upper
62	100		
98	7.6	6.0	9.0





#37

Trichloroethene

Concen: 19.985 ug/l

RT: 8.82 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VN058379.D

Acq: 26 Sep 2019 12:45

Instrument :

MSVOA_N

ClientSampleId :

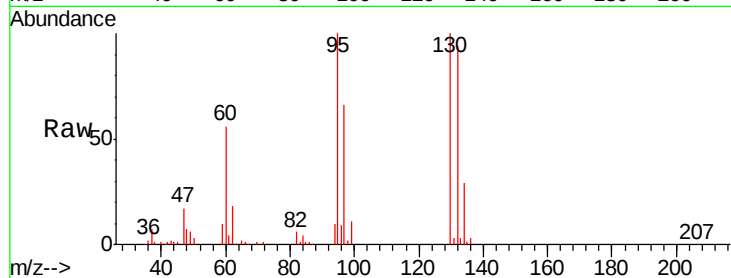
VN0926WBSD01

Tgt Ion: 130 Resp: 104099

Ion Ratio Lower Upper

130 100

95 99.8 83.3 124.9

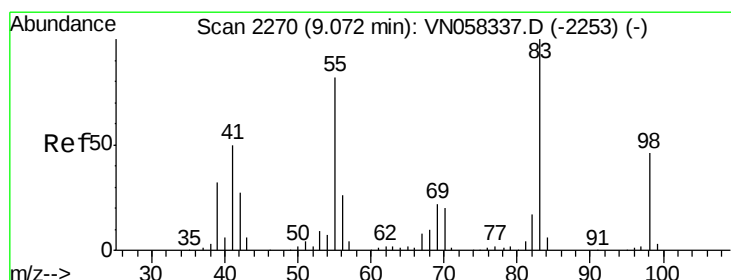
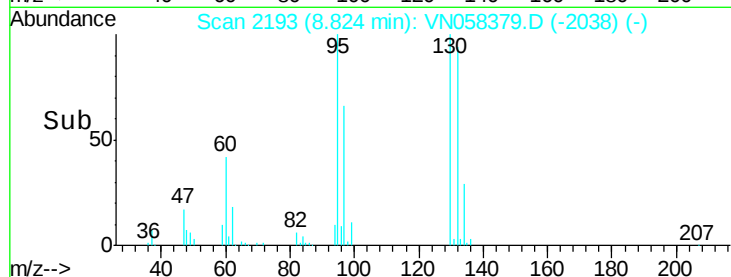


Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VN

8.82

Time-->



#38

Methylcyclohexane

Concen: 19.022 ug/l

RT: 9.07 min Scan# 2270

Delta R.T. -0.00 min

Lab File: VN058379.D

Acq: 26 Sep 2019 12:45

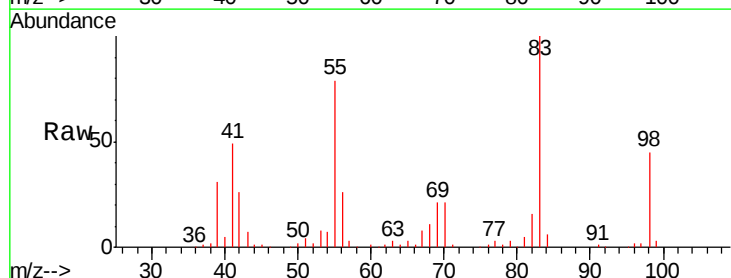
Tgt Ion: 83 Resp: 168698

Ion Ratio Lower Upper

83 100

55 80.2 40.5 121.4

98 45.1 23.1 69.2



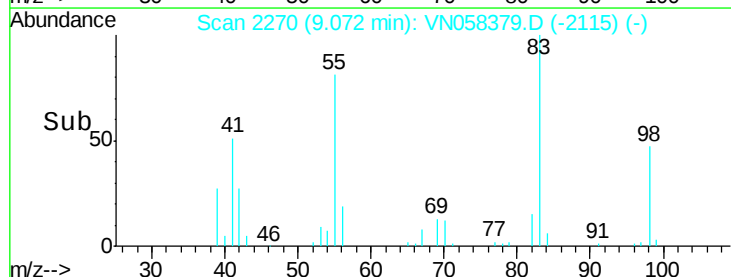
Abundance Ion 83.00 (82.70 to 83.70): VN

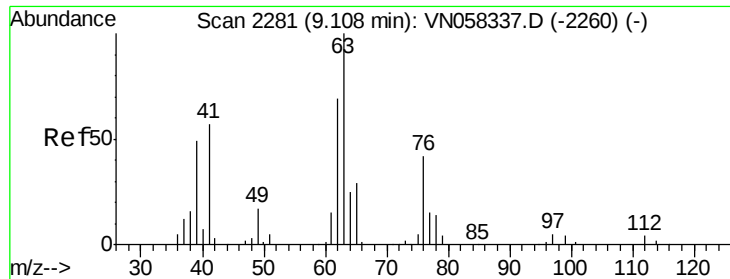
Ion 55.00 (54.70 to 55.70): VN

Ion 98.00 (97.70 to 98.70): VN

9.07

Time-->

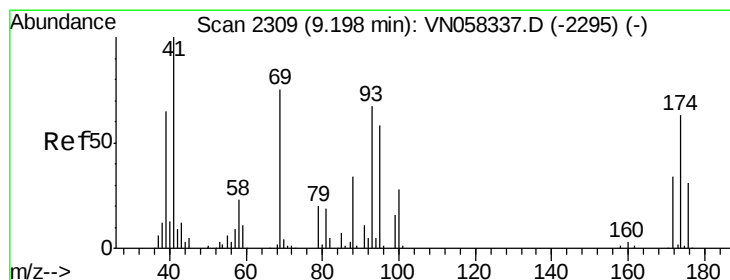
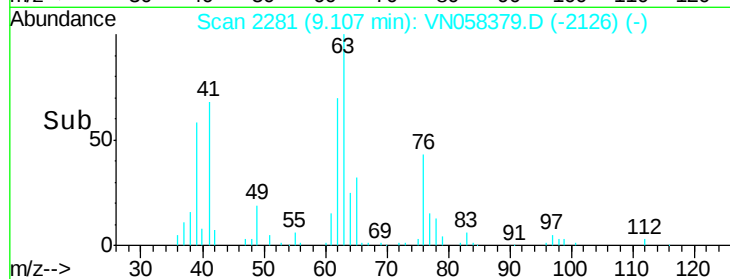
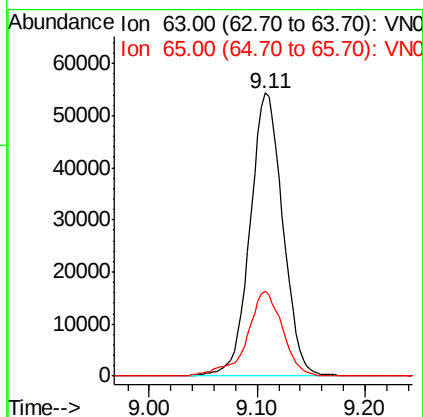
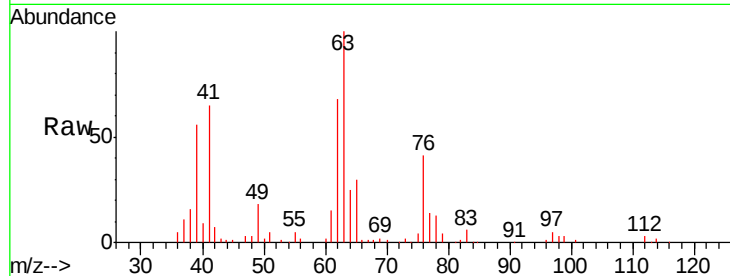




#39
 1,2-Dichloropropane
 Concen: 20.204 ug/l
 RT: 9.11 min Scan# 2281
 Delta R.T. -0.00 min
 Lab File: VN058337.D
 Acq: 26 Sep 2019 12:45

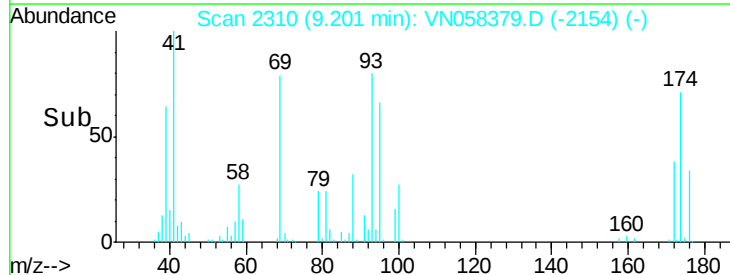
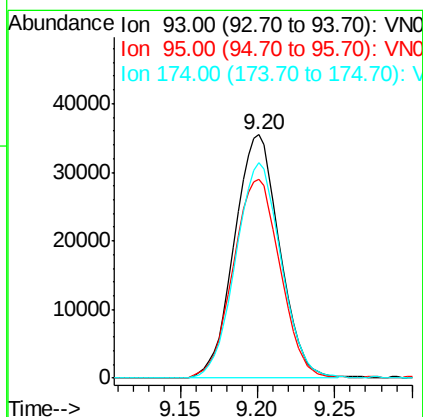
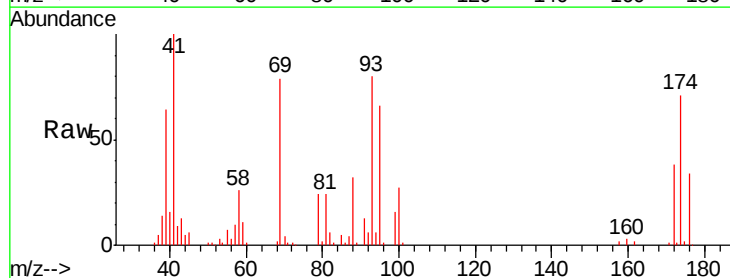
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0926WBSD01

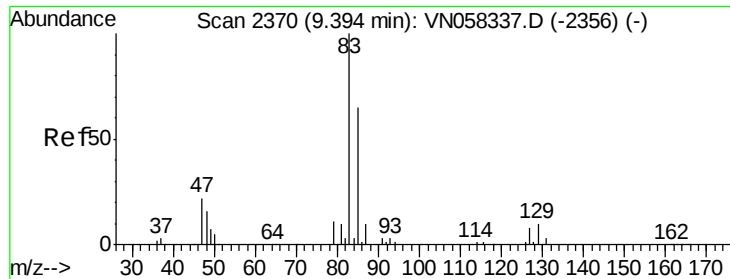
Tgt Ion: 63 Resp: 114660
 Ion Ratio Lower Upper
 63 100
 65 29.9 23.4 35.0



#40
 Dibromomethane
 Concen: 20.144 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN058379.D
 Acq: 26 Sep 2019 12:45

Tgt Ion: 93 Resp: 72153
 Ion Ratio Lower Upper
 93 100
 95 84.5 0.0 166.8
 174 88.9 0.0 187.2





#41

Bromodichloromethane

Concen: 20.070 ug/l

RT: 9.40 min Scan# 2371

Delta R.T. 0.00 min

Lab File: VN058379.D

Acq: 26 Sep 2019 12:45

Instrument :

MSVOA_N

ClientSampleId :

VN0926WBSD01

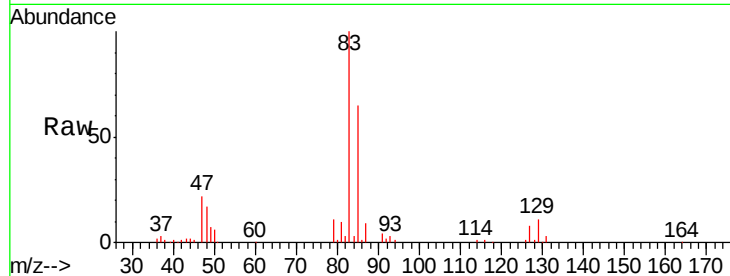
Tgt Ion: 83 Resp: 142093

Ion Ratio Lower Upper

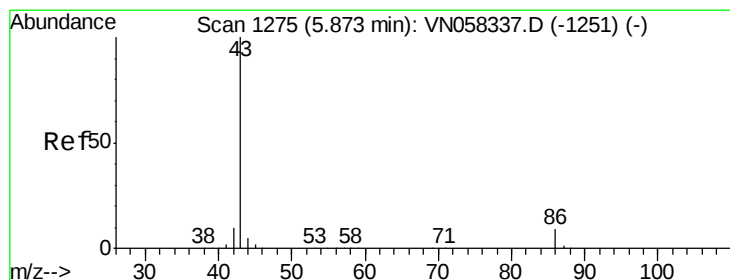
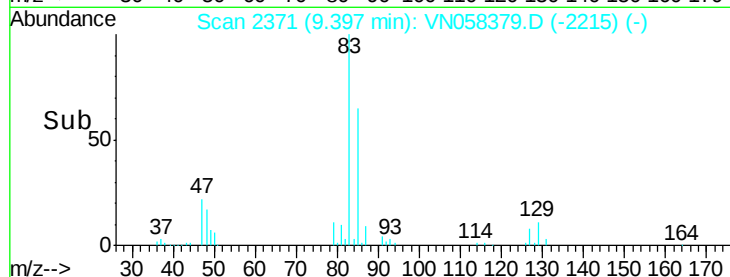
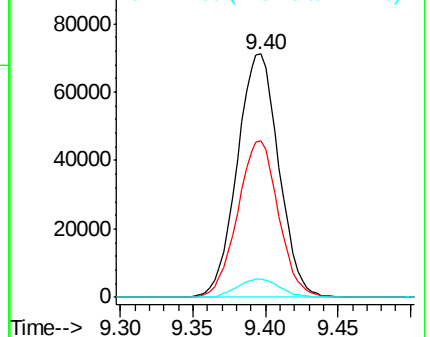
83 100

85 64.6 52.0 78.0

127 7.6 6.1 9.1



Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 85.00 (84.70 to 85.70): VN0
Ion 127.00 (126.70 to 127.70): VN0



#42

Vinyl Acetate

Concen: 107.808 ug/l

RT: 5.87 min Scan# 1275

Delta R.T. -0.00 min

Lab File: VN058379.D

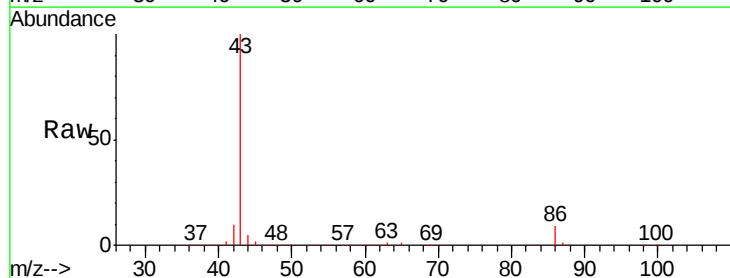
Acq: 26 Sep 2019 12:45

Tgt Ion: 43 Resp: 1370817

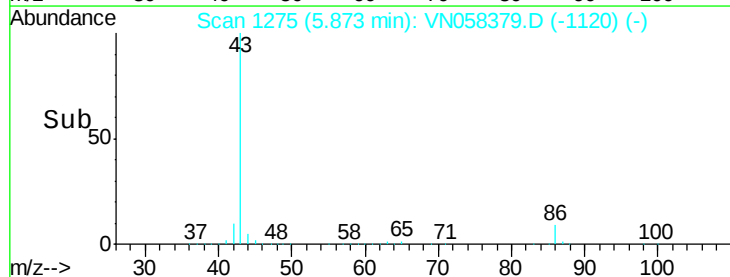
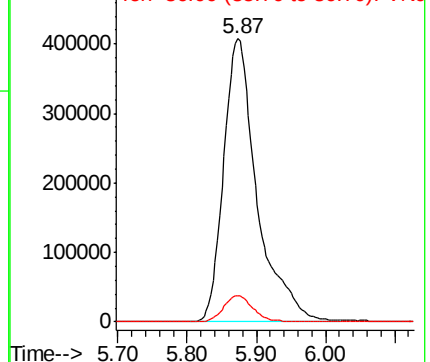
Ion Ratio Lower Upper

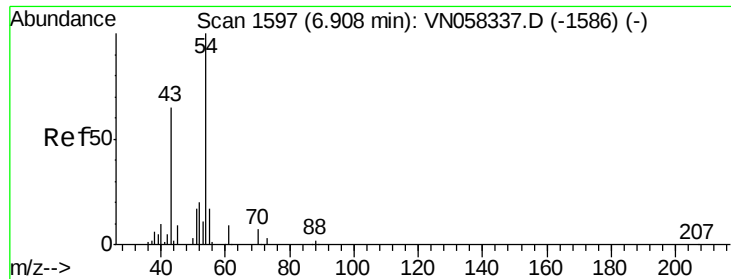
43 100

86 8.2 6.6 9.8



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 86.00 (85.70 to 86.70): VN0





#43

Ethyl Acetate

Concen: 18.585 ug/l

RT: 6.91 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VN058379.D

Acq: 26 Sep 2019 12:45

Instrument :

MSVOA_N

ClientSampleId :

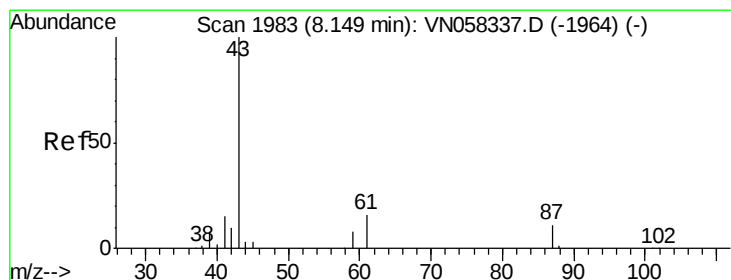
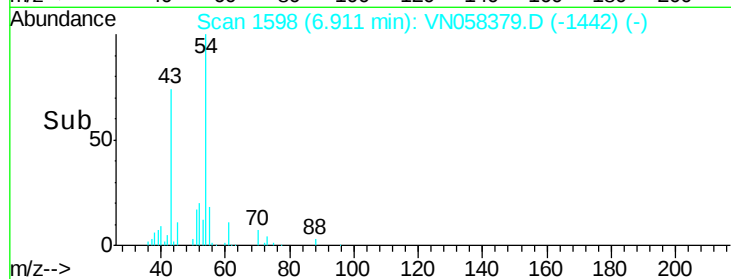
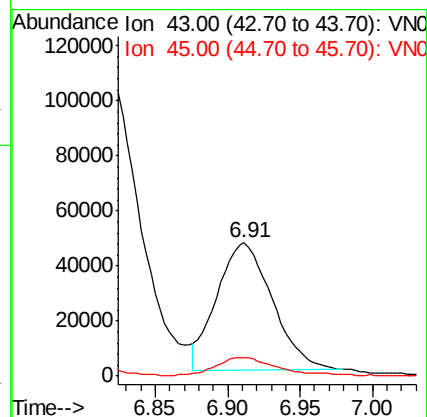
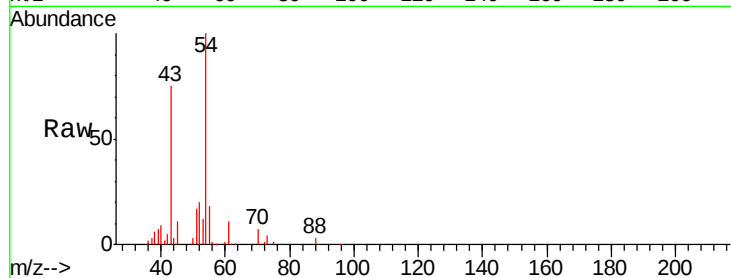
VN0926WBSD01

Tgt Ion: 43 Resp: 122886

Ion Ratio Lower Upper

43 100

45 14.1 9.8 14.6



#44

Isopropyl Acetate

Concen: 19.781 ug/l

RT: 8.15 min Scan# 1983

Delta R.T. -0.00 min

Lab File: VN058379.D

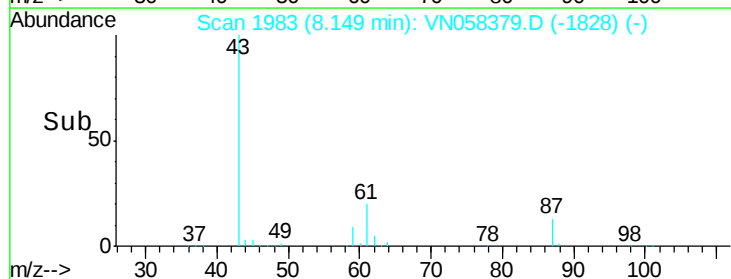
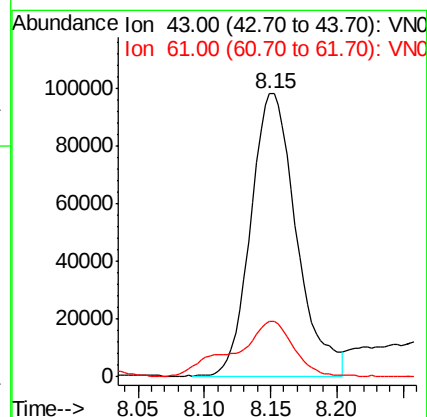
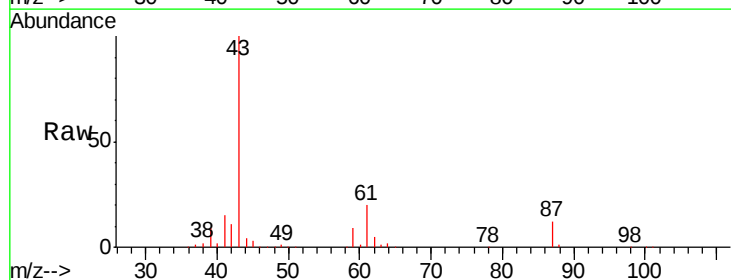
Acq: 26 Sep 2019 12:45

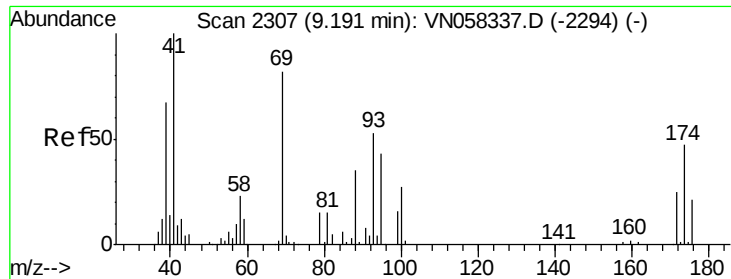
Tgt Ion: 43 Resp: 234139

Ion Ratio Lower Upper

43 100

61 17.9 14.4 21.6

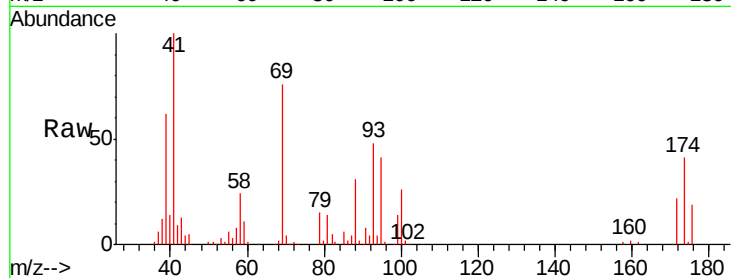




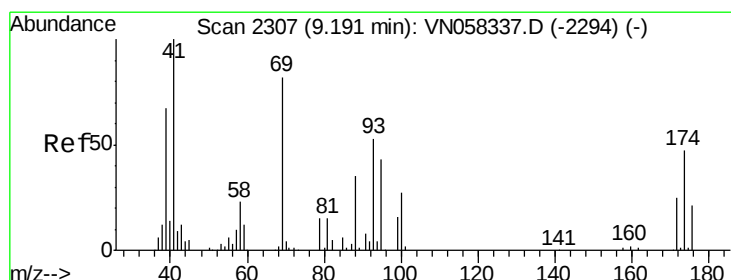
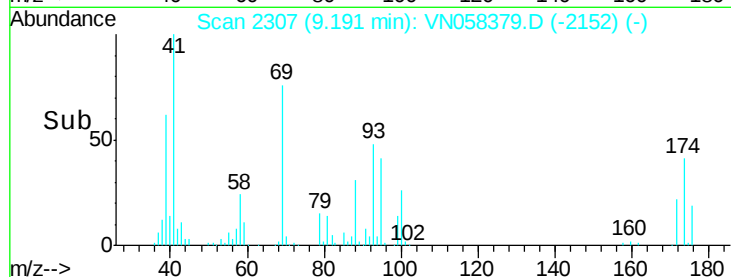
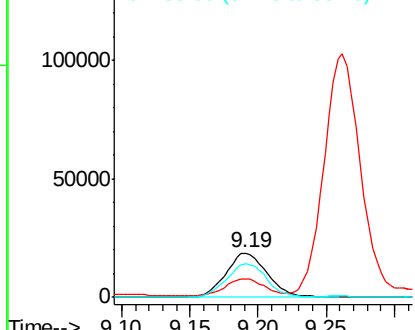
#45
 1,4-Dioxane
 Concen: 394.707 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. -0.00 min
 Lab File: VN058379.D
 Acq: 26 Sep 2019 12:45

Instrument :
 MSVOA_N
 ClientSampled :
 VN0926WBSD01

Tgt Ion: 88 Resp: 39414
 Ion Ratio Lower Upper
 88 100
 43 36.9 27.2 40.8
 58 73.7 55.4 83.0

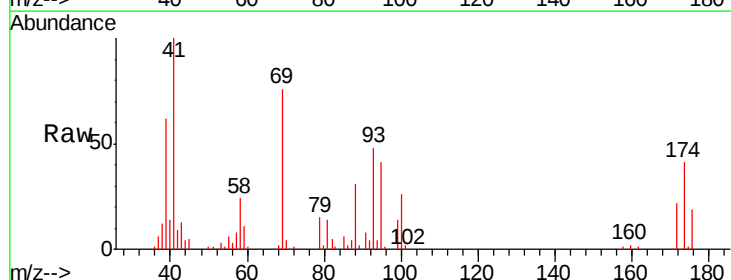


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

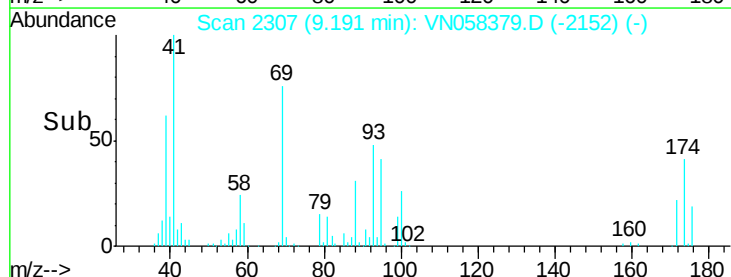
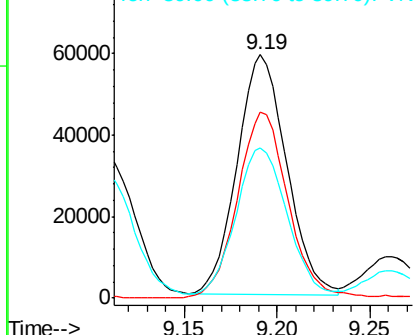


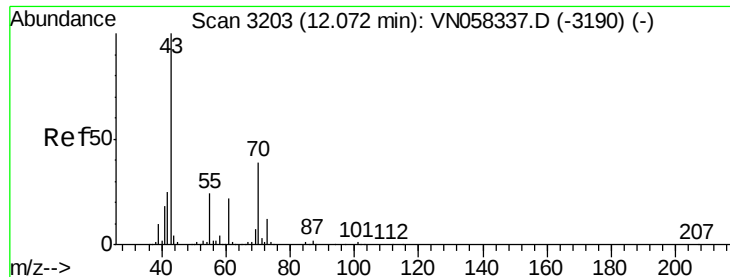
#46
 Methyl methacrylate
 Concen: 19.370 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. -0.00 min
 Lab File: VN058379.D
 Acq: 26 Sep 2019 12:45

Tgt Ion: 41 Resp: 108661
 Ion Ratio Lower Upper
 41 100
 69 77.0 40.9 122.7
 39 61.4 33.6 100.6



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

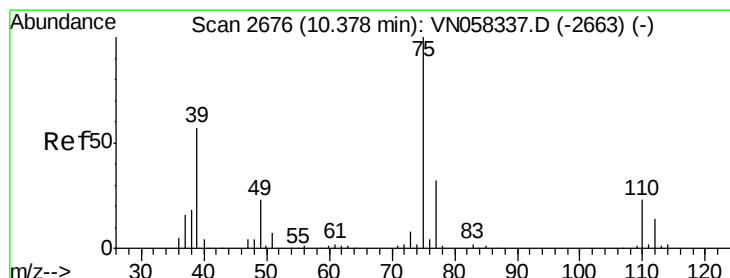
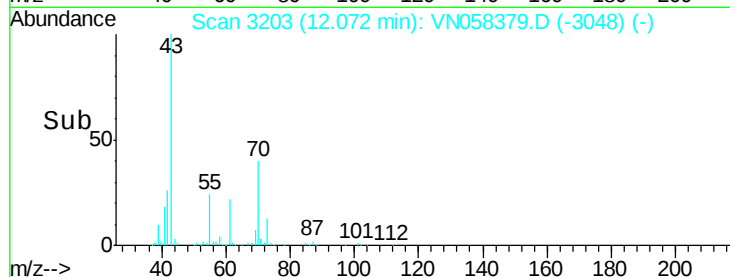
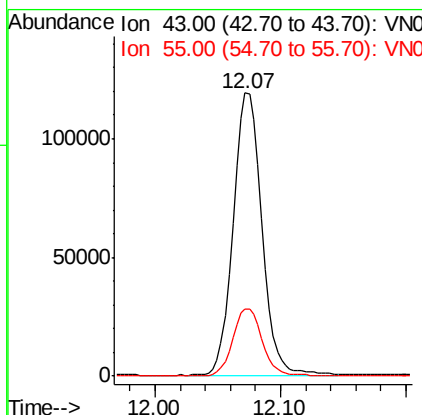
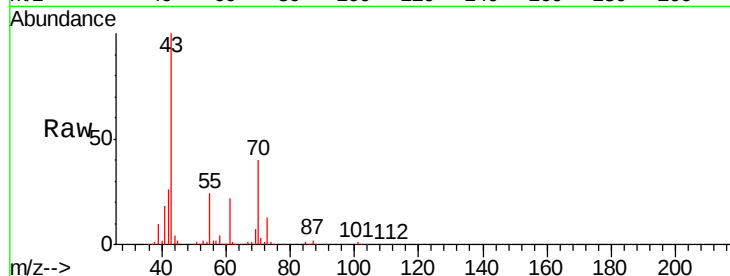




#47
n-amy1 Acetate
Concen: 18.309 ug/l
RT: 12.07 min Scan# 3203
Delta R.T. -0.00 min
Lab File: VN058379.D
Acq: 26 Sep 2019 12:45

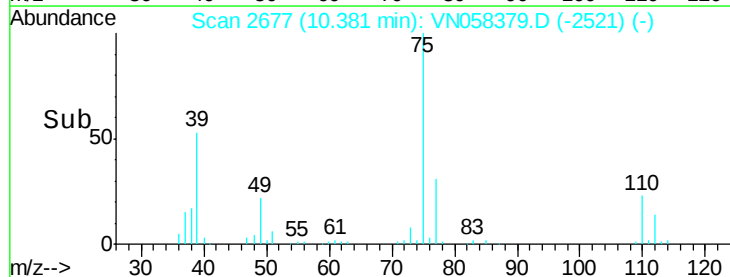
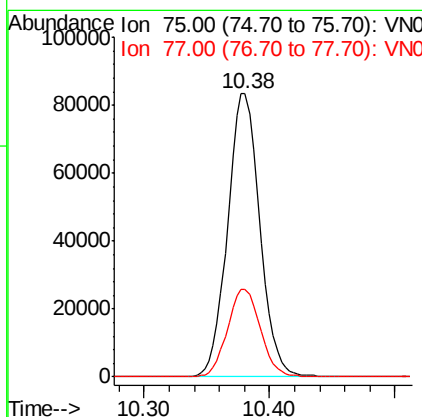
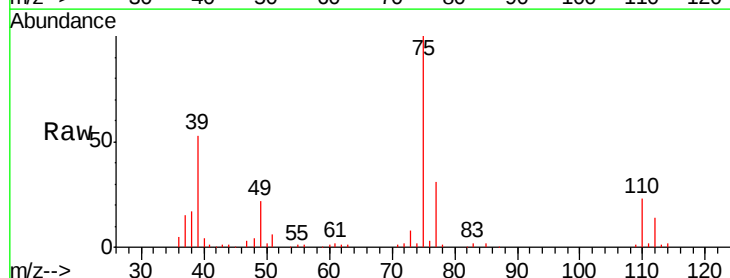
Instrument :
MSVOA_N
ClientSampleId :
VN0926WBSD01

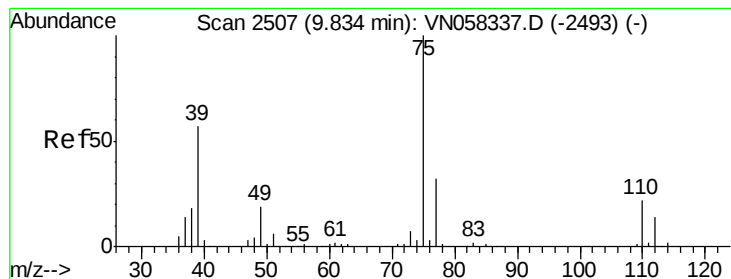
Tgt Ion: 43 Resp: 188642
Ion Ratio Lower Upper
43 100
55 24.6 19.0 28.4



#48
t-1,3-Dichloropropene
Concen: 19.217 ug/l
RT: 10.38 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VN058379.D
Acq: 26 Sep 2019 12:45

Tgt Ion: 75 Resp: 148662
Ion Ratio Lower Upper
75 100
77 31.1 25.4 38.0



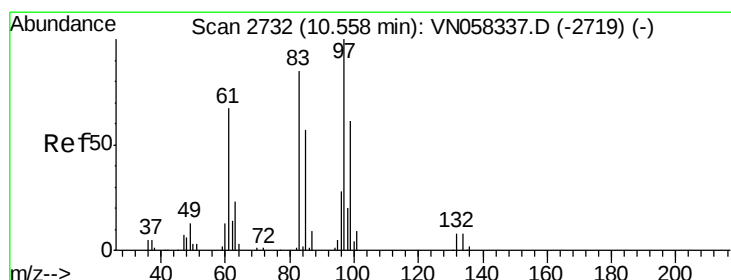
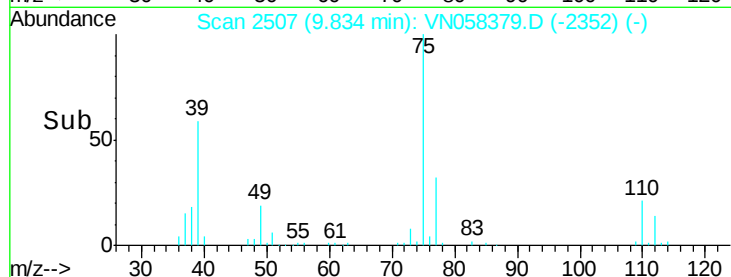
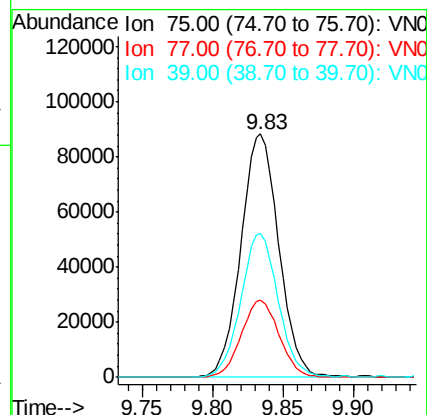
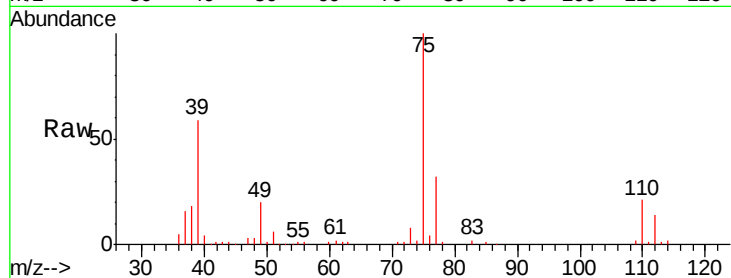


#49

cis-1,3-Dichloropropene
 Concen: 19.331 ug/l
 RT: 9.83 min Scan# 2507
 Delta R.T. -0.00 min
 Lab File: VN058379.D
 Acq: 26 Sep 2019 12:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0926WBSD01

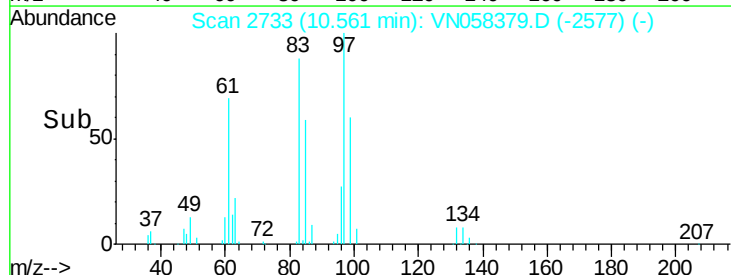
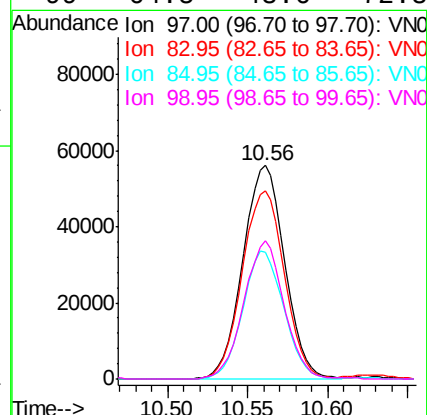
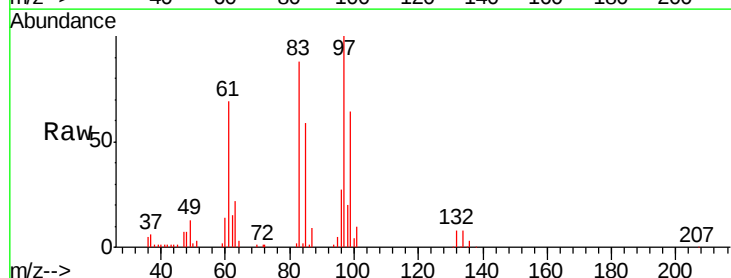
Tgt Ion:	75	Resp:	166502
Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.2	37.8
39	59.1	45.8	68.6

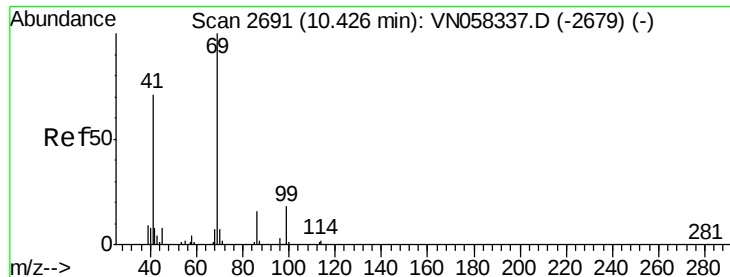


#50

1,1,2-Trichloroethane
 Concen: 20.041 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN058379.D
 Acq: 26 Sep 2019 12:45

Tgt Ion:	97	Resp:	100322
Ion	Ratio	Lower	Upper
97	100		
83	88.0	67.8	101.6
85	59.2	45.8	68.6
99	64.5	48.6	72.8





#51

Ethyl methacrylate

Concen: 19.269 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN058379.D

Acq: 26 Sep 2019 12:45

Instrument :

MSVOA_N

ClientSampleId :

VN0926WBSD01

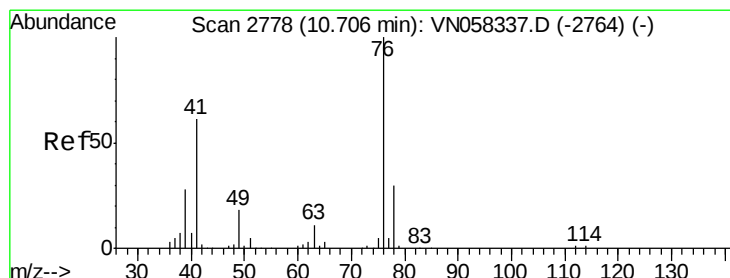
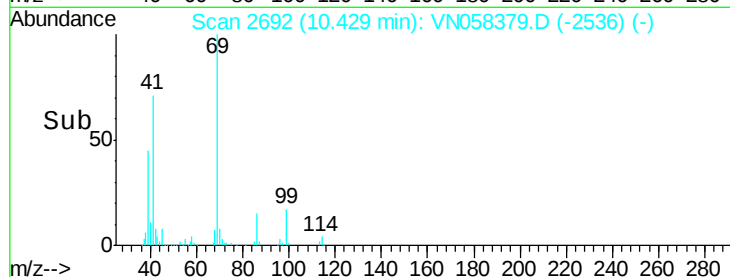
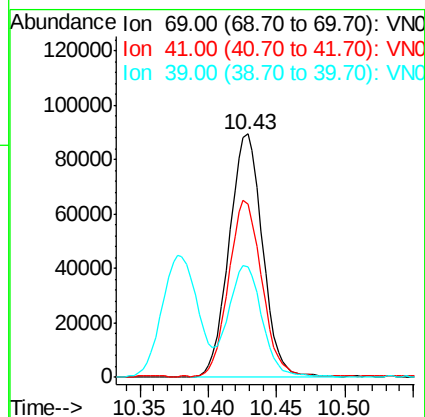
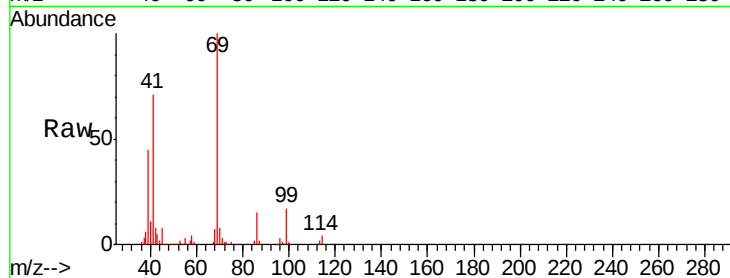
Tgt Ion: 69 Resp: 152612

Ion Ratio Lower Upper

69 100

41 70.7 35.4 106.1

39 45.1 23.5 70.5



#52

1,3-Dichloropropane

Concen: 19.986 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. -0.00 min

Lab File: VN058379.D

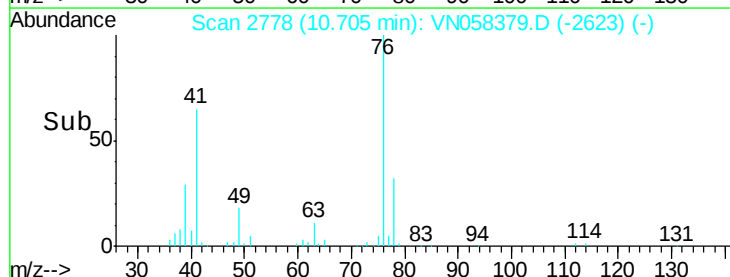
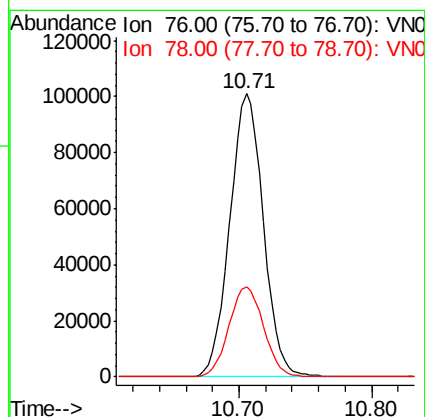
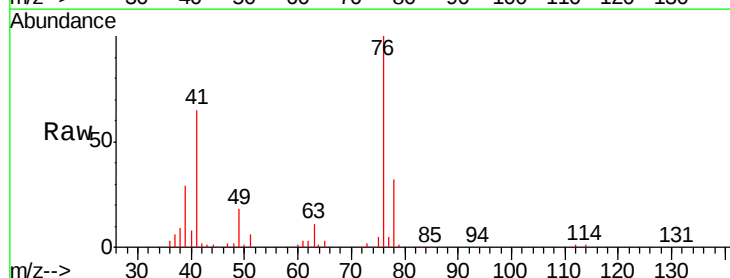
Acq: 26 Sep 2019 12:45

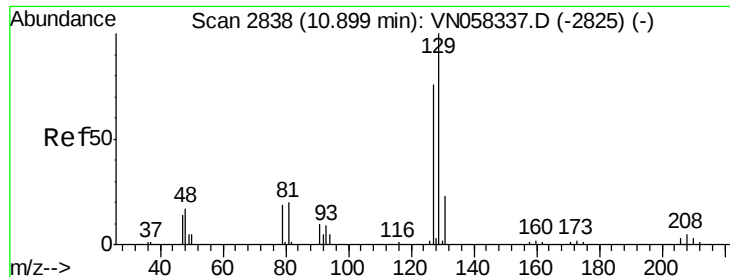
Tgt Ion: 76 Resp: 177688

Ion Ratio Lower Upper

76 100

78 33.1 0.0 63.0





#53

Dibromochloromethane

Concen: 18.999 ug/l

RT: 10.90 min Scan# 2839

Delta R.T. 0.00 min

Lab File: VN058379.D

Acq: 26 Sep 2019 12:45

Instrument :

MSVOA_N

ClientSampleId :

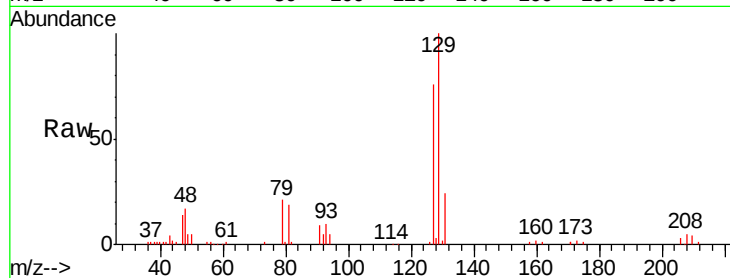
VN0926WBSD01

Tgt Ion:129 Resp: 95547

Ion Ratio Lower Upper

129 100

127 78.0 38.4 115.2



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

10.90

60000

50000

40000

30000

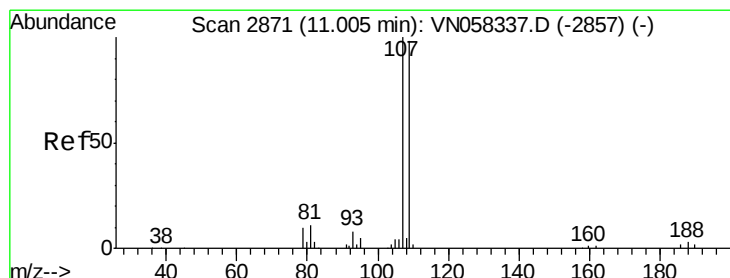
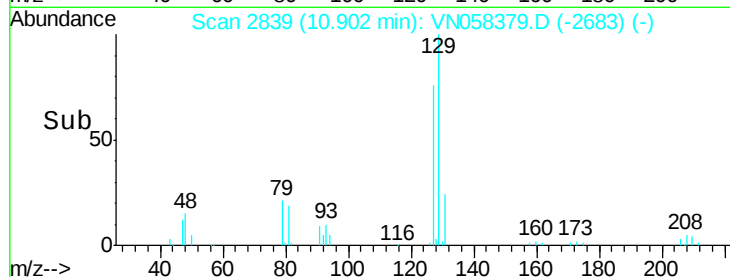
20000

10000

0

Time-->

10.85 10.90 10.95



#54

1,2-Dibromoethane

Concen: 19.932 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. -0.00 min

Lab File: VN058379.D

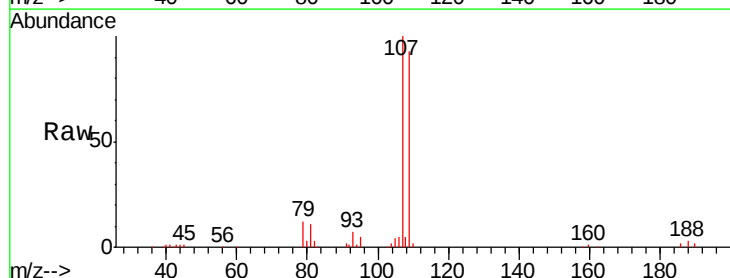
Acq: 26 Sep 2019 12:45

Tgt Ion:107 Resp: 101821

Ion Ratio Lower Upper

107 100

109 92.5 76.5 114.7



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

11.00

60000

50000

40000

30000

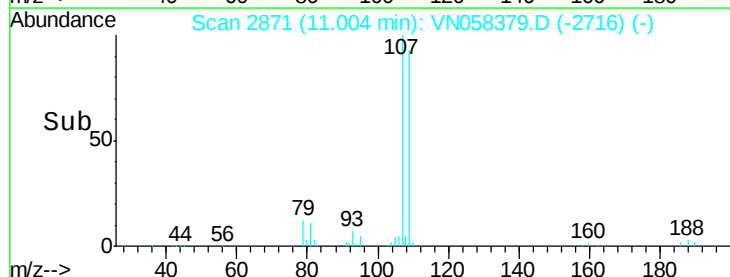
20000

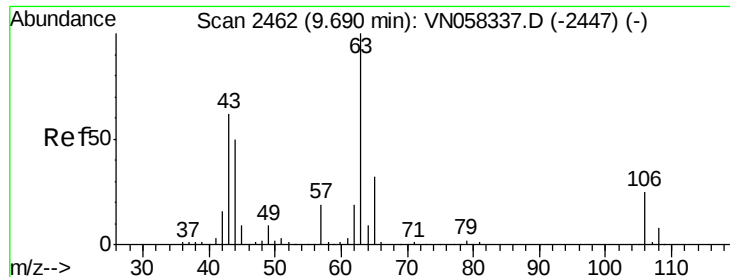
10000

0

Time-->

10.95 11.00 11.05

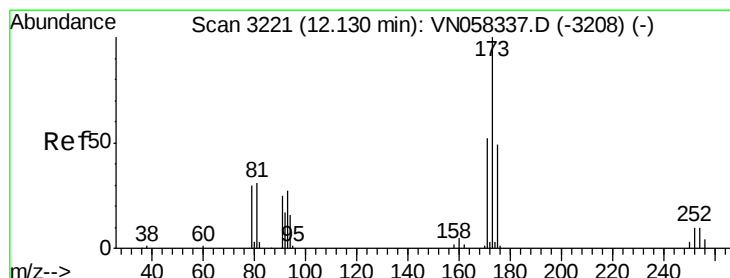
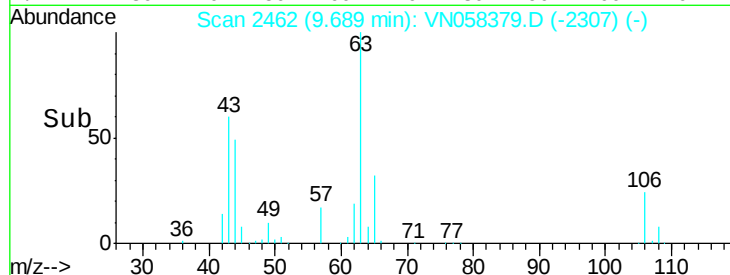
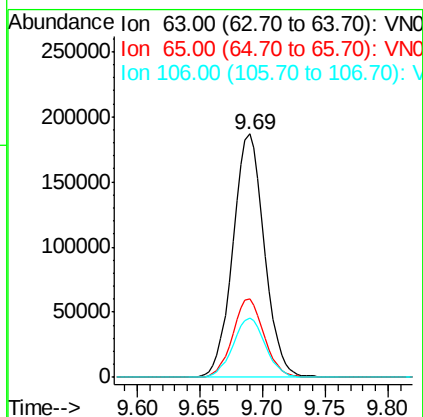
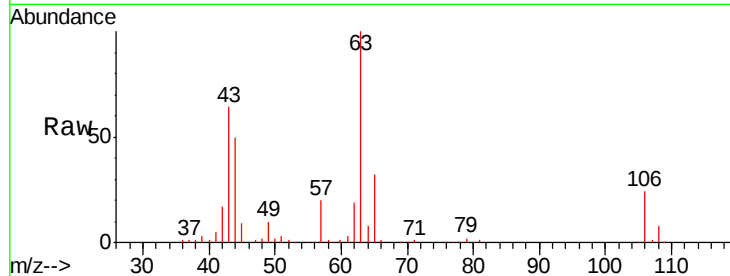




#55
 2-Chloroethyl vinyl ether
 Concen: 97.101 ug/l
 RT: 9.69 min Scan# 2462
 Delta R.T. -0.00 min
 Lab File: VN058379.D
 Acq: 26 Sep 2019 12:45

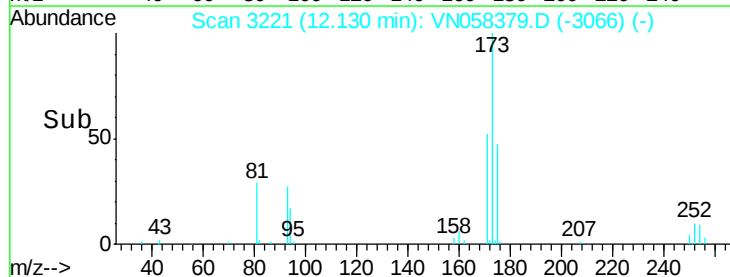
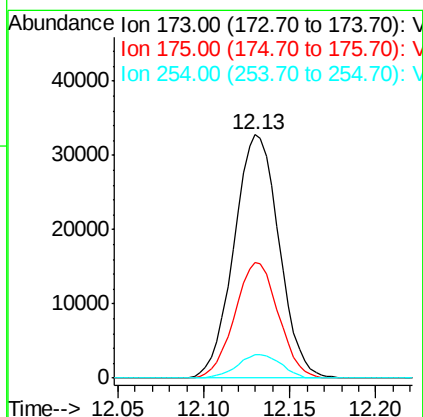
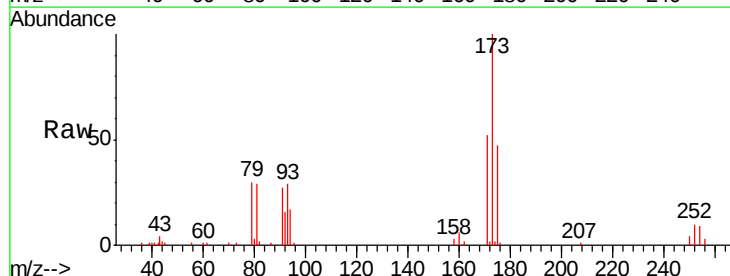
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0926WBSD01

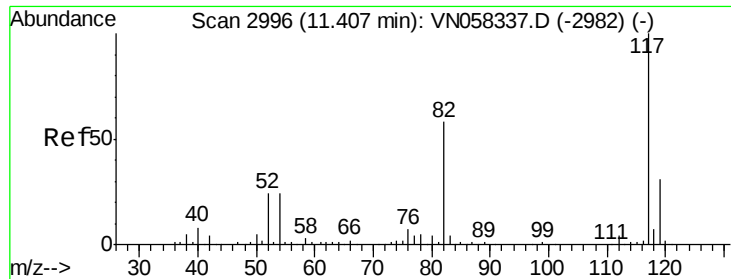
Tgt Ion: 63 Resp: 325642
 Ion Ratio Lower Upper
 63 100
 65 32.1 25.4 38.2
 106 25.0 20.4 30.6



#56
 Bromoform
 Concen: 18.820 ug/l
 RT: 12.13 min Scan# 3221
 Delta R.T. -0.00 min
 Lab File: VN058379.D
 Acq: 26 Sep 2019 12:45

Tgt Ion: 173 Resp: 59700
 Ion Ratio Lower Upper
 173 100
 175 46.1 38.8 58.2
 254 9.2 7.8 11.8

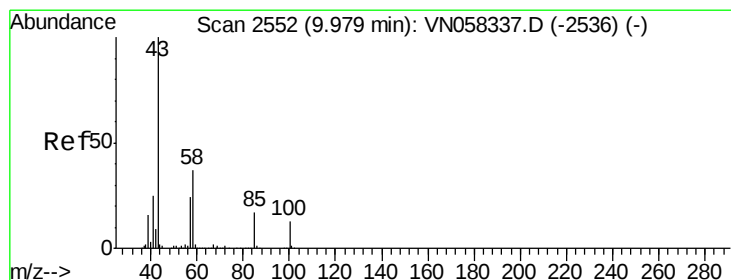
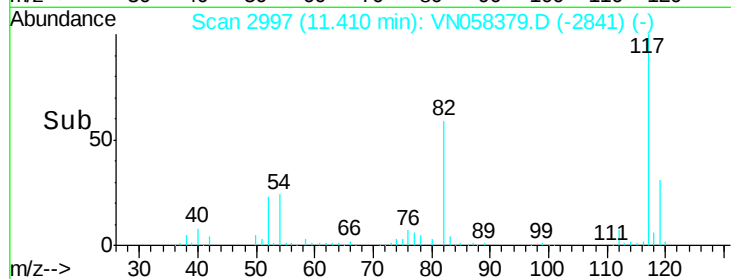
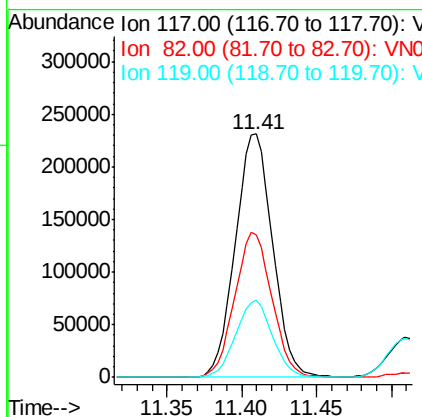
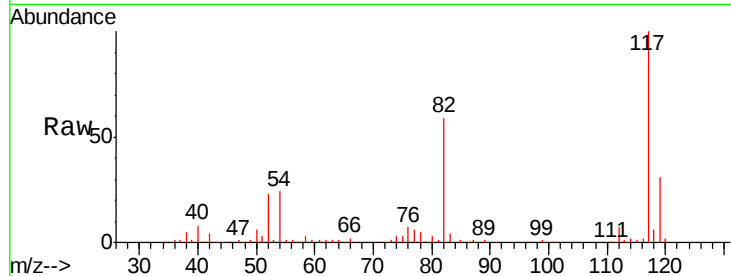




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN058379.D
Acq: 26 Sep 2019 12:45

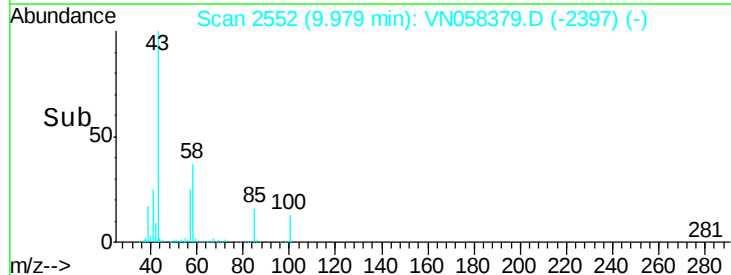
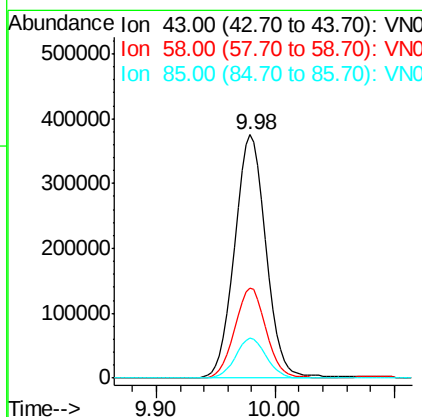
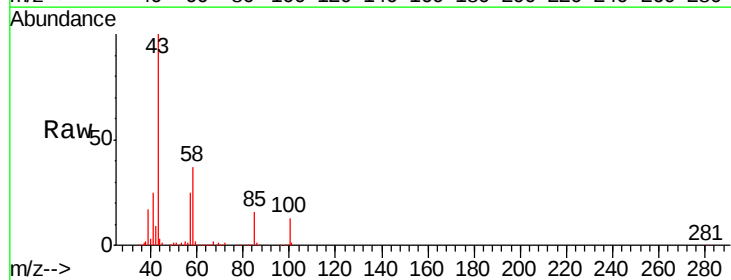
Instrument :
MSVOA_N
ClientSampleId :
VN0926WBSD01

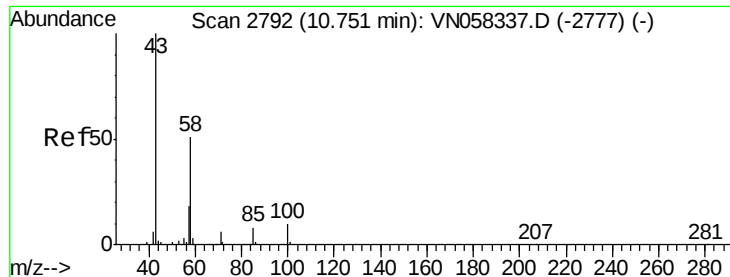
Tgt Ion: 117 Resp: 402295
Ion Ratio Lower Upper
117 100
82 59.3 46.4 69.6
119 31.3 25.1 37.7



#58
4-Methyl-2-Pentanone
Concen: 108.184 ug/l
RT: 9.98 min Scan# 2552
Delta R.T. -0.00 min
Lab File: VN058379.D
Acq: 26 Sep 2019 12:45

Tgt Ion: 43 Resp: 681935
Ion Ratio Lower Upper
43 100
58 37.2 29.3 43.9
85 16.2 13.1 19.7

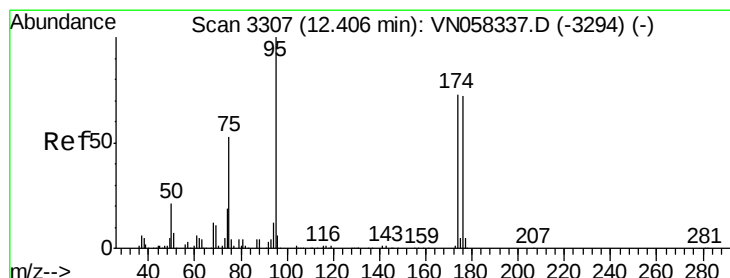
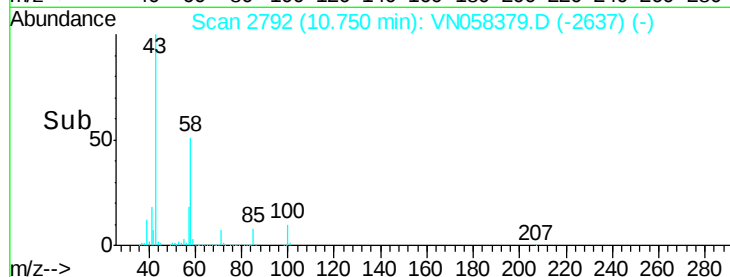
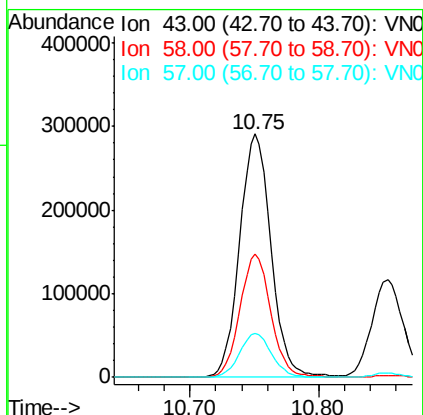
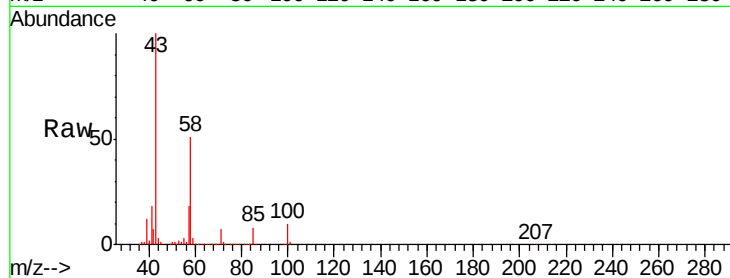




#59
2-Hexanone
Concen: 102.784 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN058379.D
Acq: 26 Sep 2019 12:45

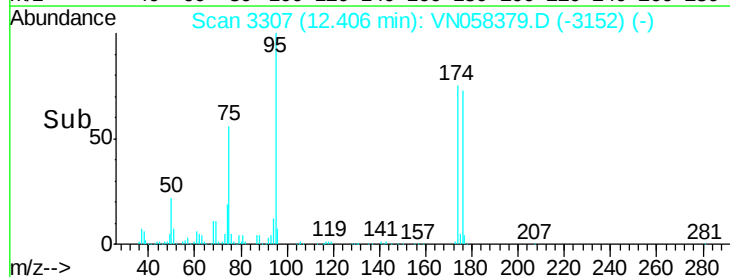
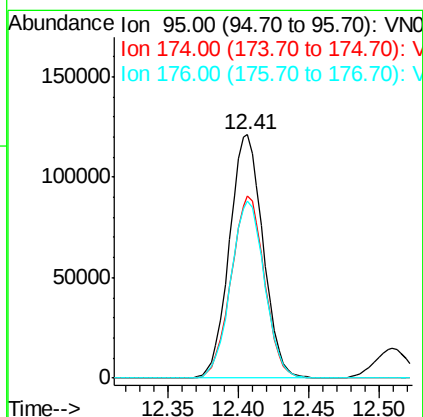
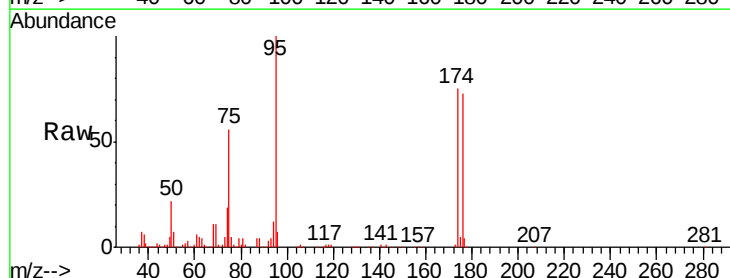
Instrument :
MSVOA_N
ClientSampleId :
VN0926WBSD01

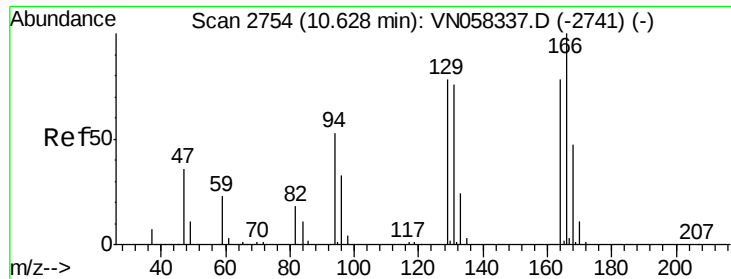
Tgt Ion: 43 Resp: 489802
Ion Ratio Lower Upper
43 100
58 50.2 40.7 61.1
57 18.6 14.7 22.1



#60
4-Bromofluorobenzene
Concen: 29.039 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. -0.00 min
Lab File: VN058379.D
Acq: 26 Sep 2019 12:45

Tgt Ion: 95 Resp: 202135
Ion Ratio Lower Upper
95 100
174 74.2 59.0 88.6
176 73.0 58.2 87.2

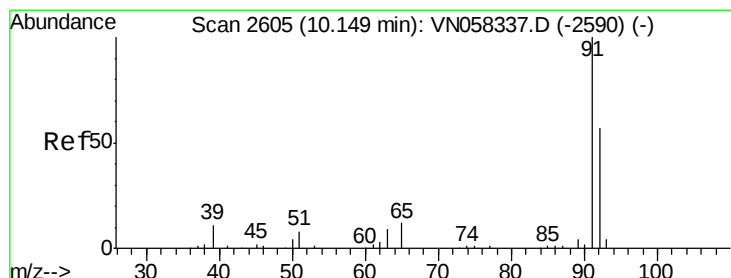
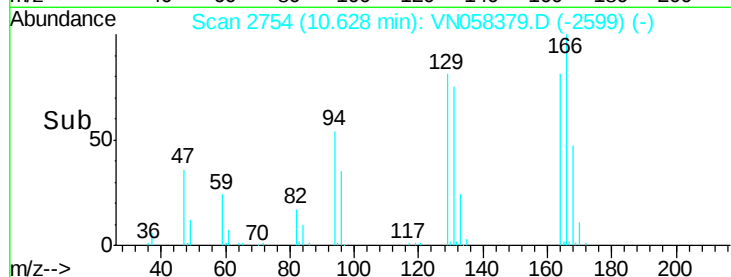
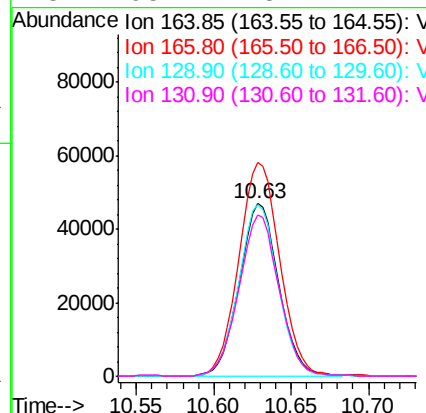
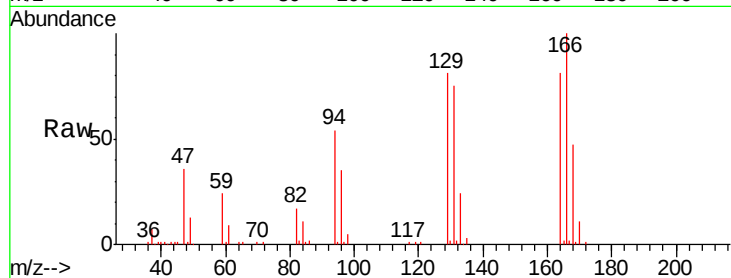




#61
 Tetrachloroethene
 Concen: 19.819 ug/l
 RT: 10.63 min Scan# 2754
 Delta R.T. -0.00 min
 Lab File: VN058379.D
 Acq: 26 Sep 2019 12:45

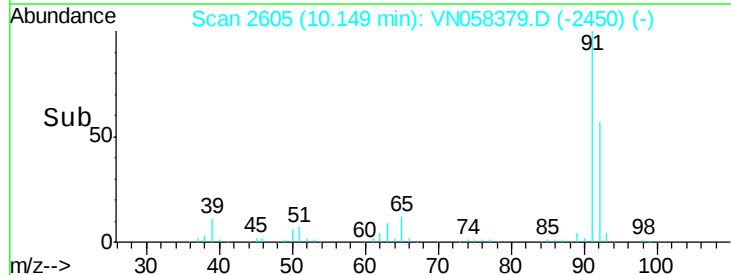
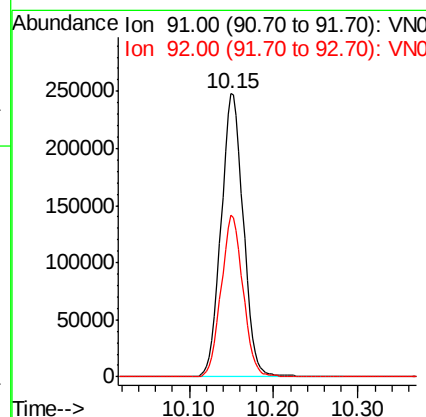
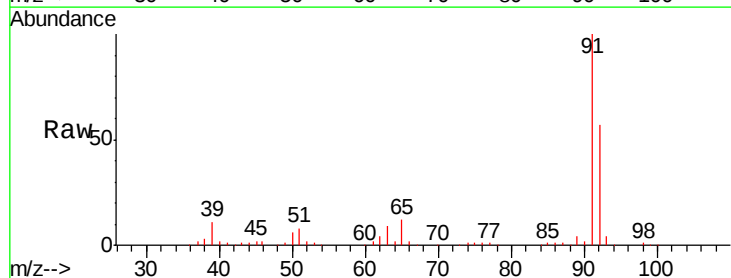
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0926WBSD01

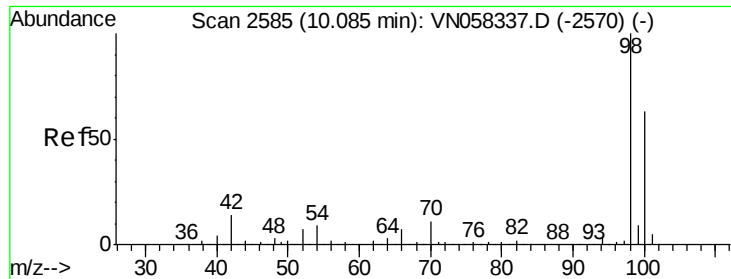
Tgt Ion:	164	Resp:	83530
Ion	Ratio	Lower	Upper
164	100		
166	123.8	102.6	154.0
129	99.7	79.8	119.6
131	93.4	78.1	117.1



#62
 Toluene
 Concen: 20.645 ug/l
 RT: 10.15 min Scan# 2605
 Delta R.T. -0.00 min
 Lab File: VN058379.D
 Acq: 26 Sep 2019 12:45

Tgt Ion:	91	Resp:	454861
Ion	Ratio	Lower	Upper
91	100		
92	56.3	45.5	68.3





#63

Toluene-d8

Concen: 30.030 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058379.D

Acq: 26 Sep 2019 12:45

Instrument :

MSVOA_N

ClientSampleId :

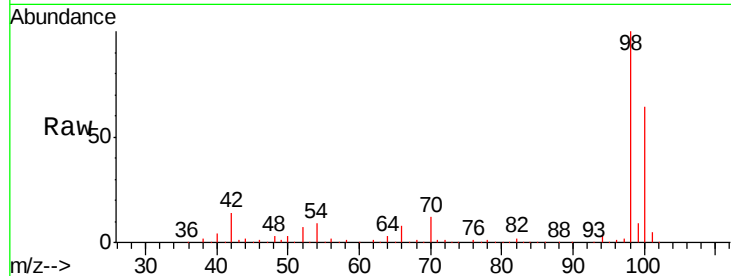
VN0926WBSD01

Tgt Ion: 98 Resp: 576557

Ion Ratio Lower Upper

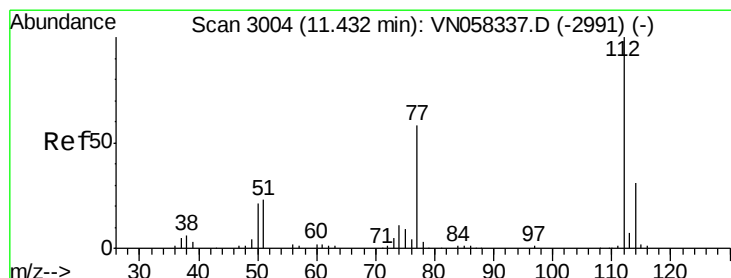
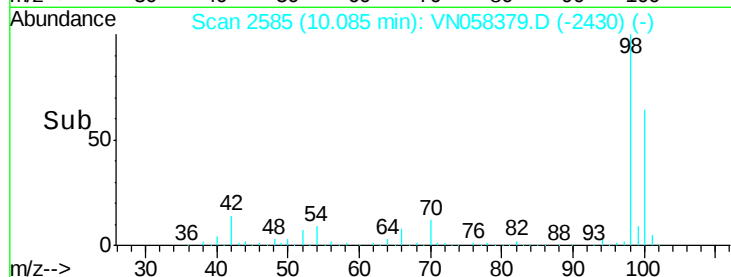
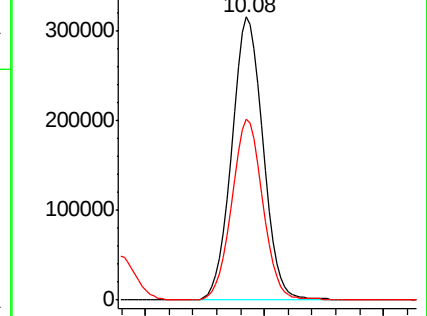
98 100

100 63.1 50.2 75.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#64

Chlorobenzene

Concen: 19.713 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. -0.00 min

Lab File: VN058379.D

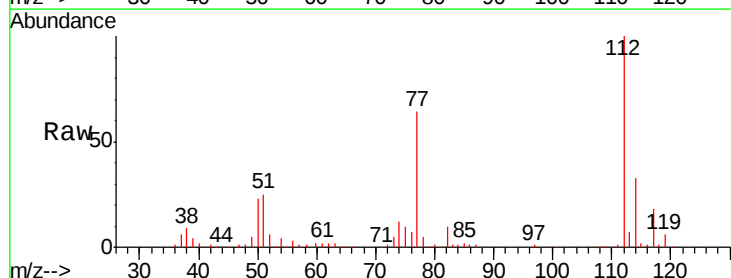
Acq: 26 Sep 2019 12:45

Tgt Ion: 112 Resp: 266908

Ion Ratio Lower Upper

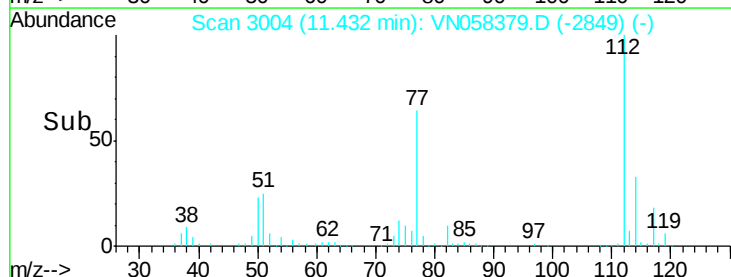
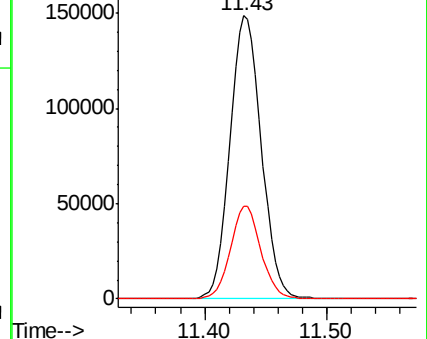
112 100

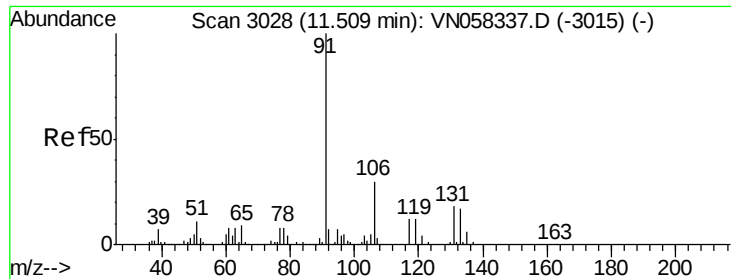
114 32.9 25.1 37.7



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: 19.696 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. -0.00 min

Lab File: VN058379.D

Acq: 26 Sep 2019 12:45

Instrument :

MSVOA_N

ClientSampleId :

VN0926WBSD01

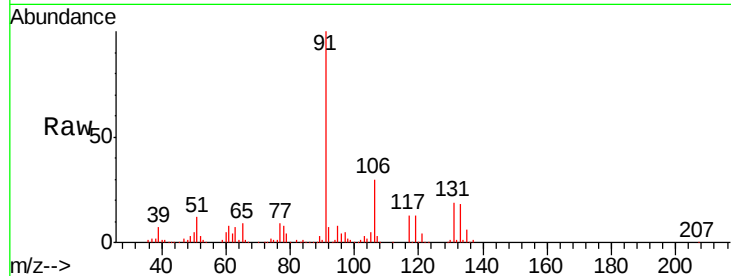
Tgt Ion:131 Resp: 93485

Ion Ratio Lower Upper

131 100

133 96.2 0.0 191.8

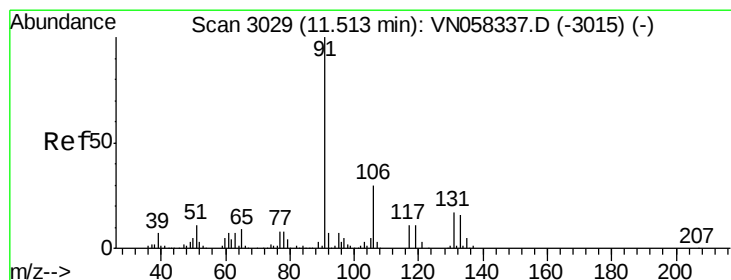
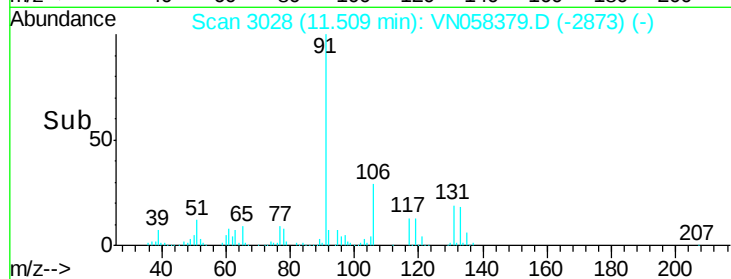
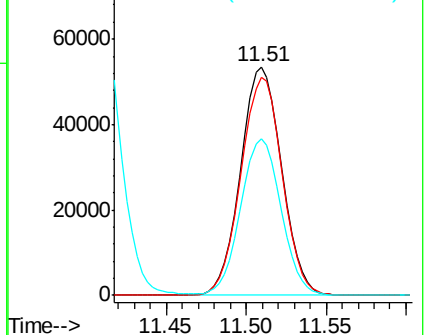
119 67.9 0.0 134.2



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: 20.810 ug/l

RT: 11.51 min Scan# 3029

Delta R.T. -0.00 min

Lab File: VN058379.D

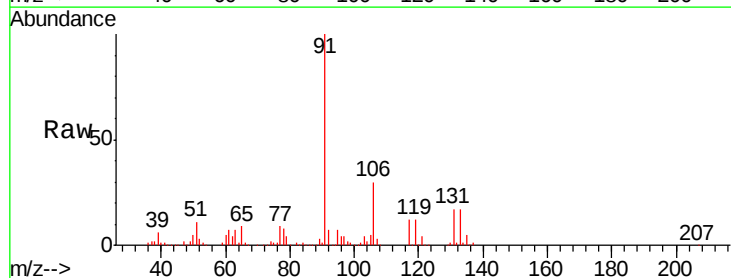
Acq: 26 Sep 2019 12:45

Tgt Ion: 91 Resp: 499956

Ion Ratio Lower Upper

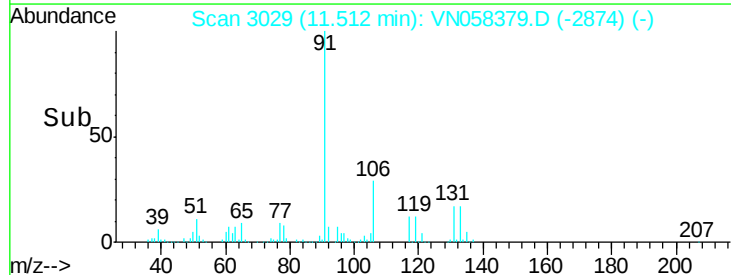
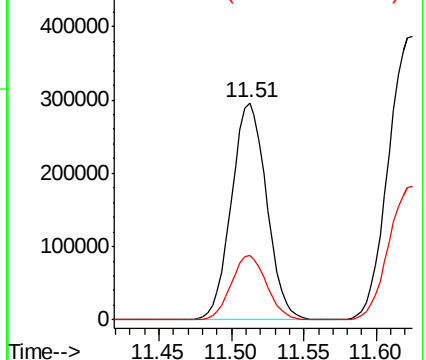
91 100

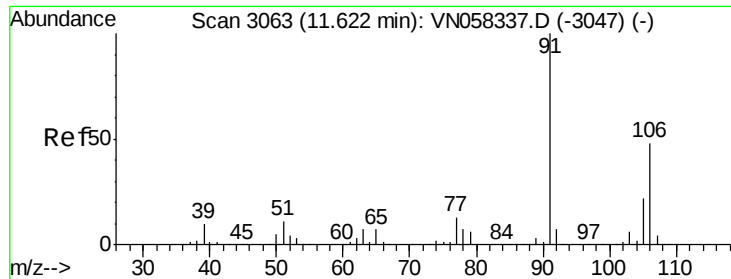
106 29.7 24.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V

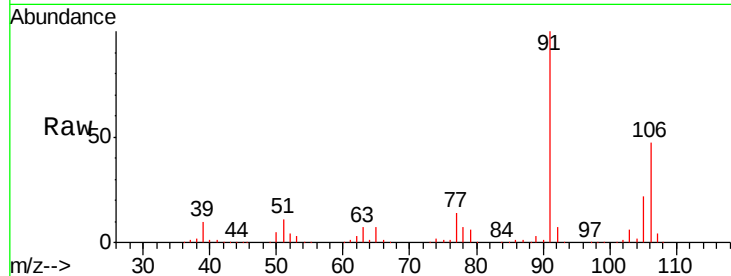




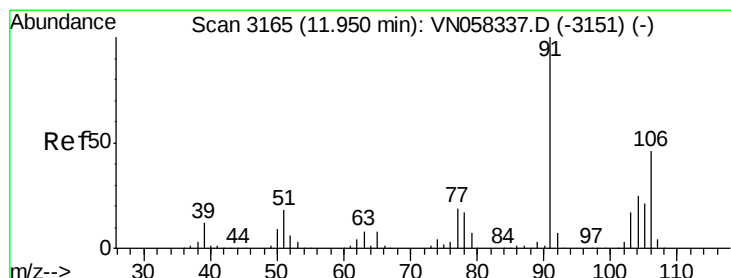
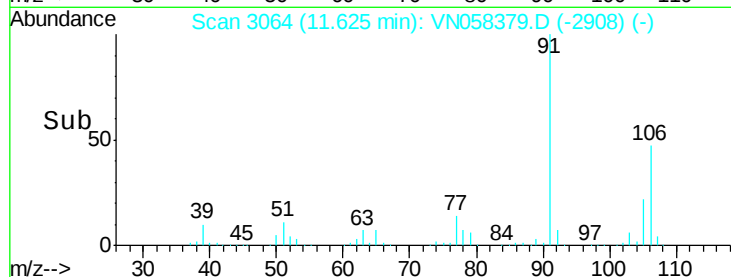
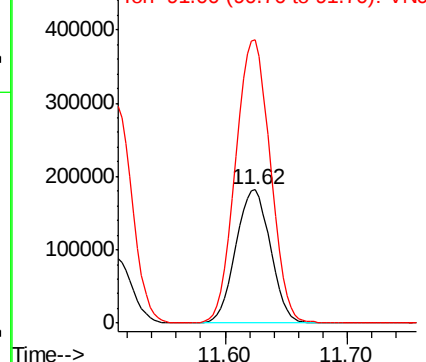
#67
m/p-Xylenes
Concen: 38.789 ug/l
RT: 11.62 min Scan# 3064
Delta R.T. 0.00 min
Lab File: VN058379.D
Acq: 26 Sep 2019 12:45

Instrument :
MSVOA_N
ClientSampled :
VN0926WBSD01

Tgt Ion:106 Resp: 357775
Ion Ratio Lower Upper
106 100
91 213.7 167.8 251.6

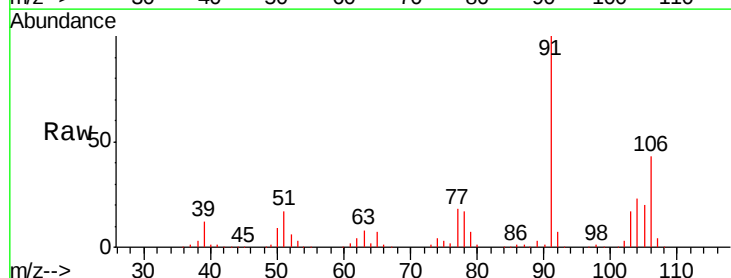


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

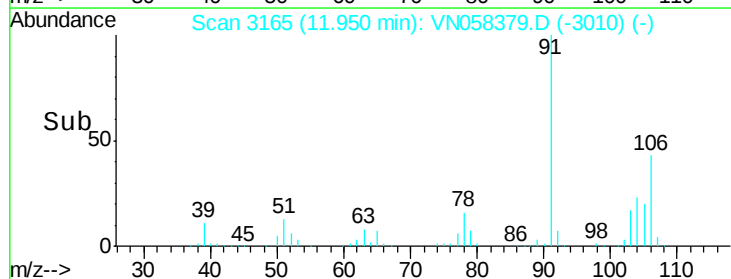
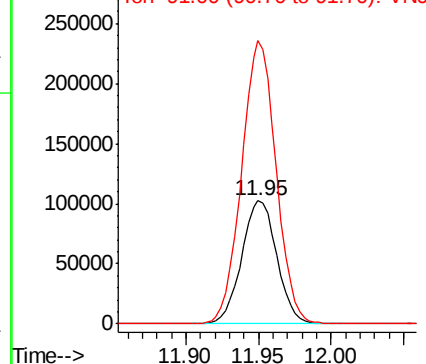


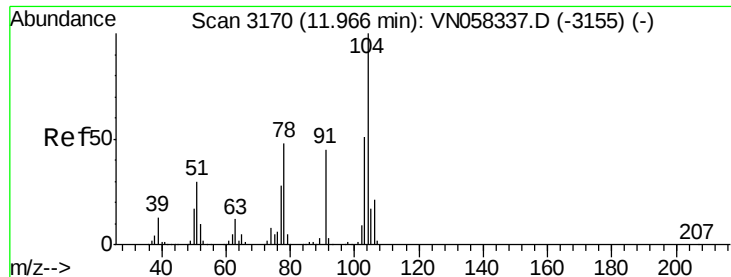
#68
o-Xylene
Concen: 19.253 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. -0.00 min
Lab File: VN058379.D
Acq: 26 Sep 2019 12:45

Tgt Ion:106 Resp: 172681
Ion Ratio Lower Upper
106 100
91 225.0 108.7 325.9



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

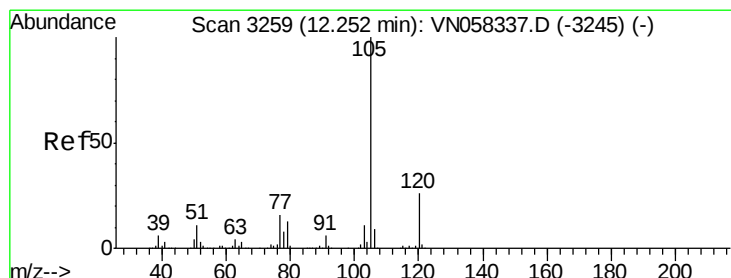
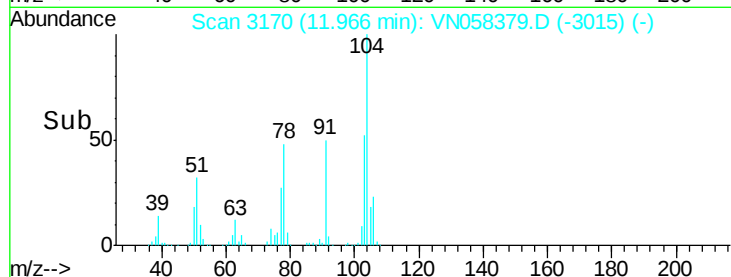
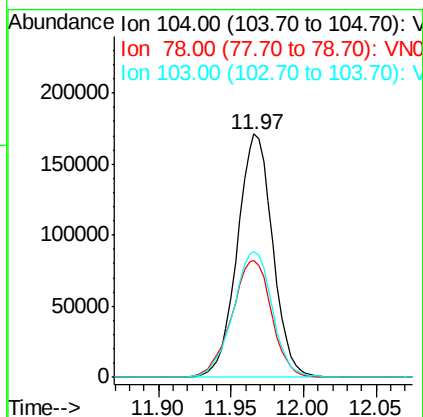
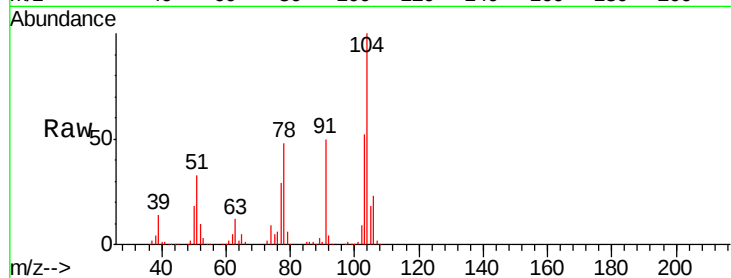




#69
Styrene
Concen: 19.364 ug/l
RT: 11.97 min Scan# 3170
Delta R.T. -0.00 min
Lab File: VN058379.D
Acq: 26 Sep 2019 12:45

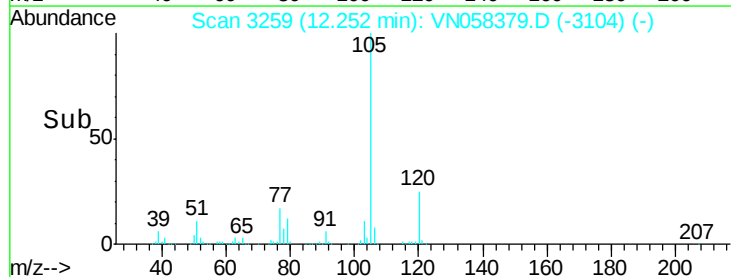
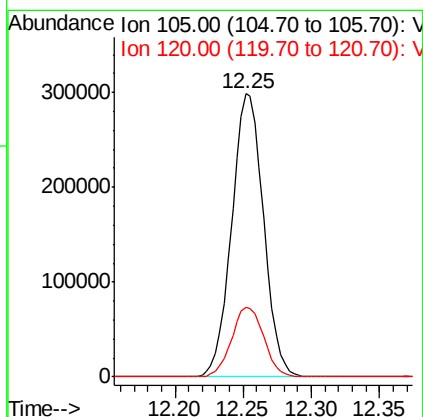
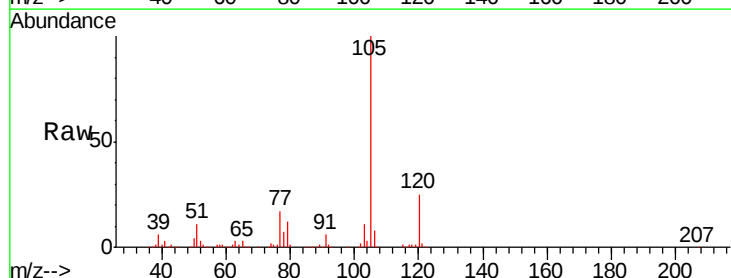
Instrument :
MSVOA_N
ClientSampleId :
VN0926WBSD01

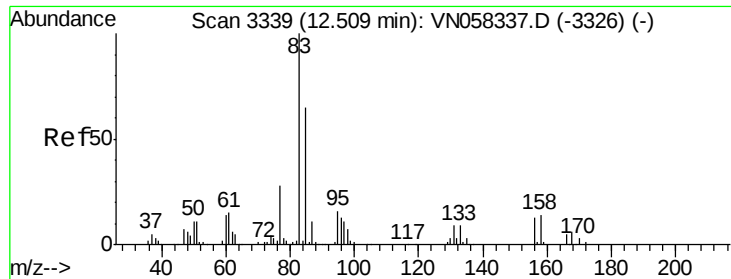
Tgt Ion:104 Resp: 290419
Ion Ratio Lower Upper
104 100
78 53.9 42.3 63.5
103 57.0 44.1 66.1



#70
Isopropylbenzene
Concen: 20.810 ug/l
RT: 12.25 min Scan# 3259
Delta R.T. -0.00 min
Lab File: VN058379.D
Acq: 26 Sep 2019 12:45

Tgt Ion:105 Resp: 483659
Ion Ratio Lower Upper
105 100
120 24.9 18.2 33.8

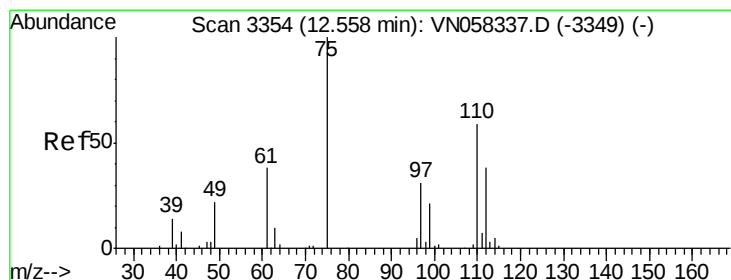
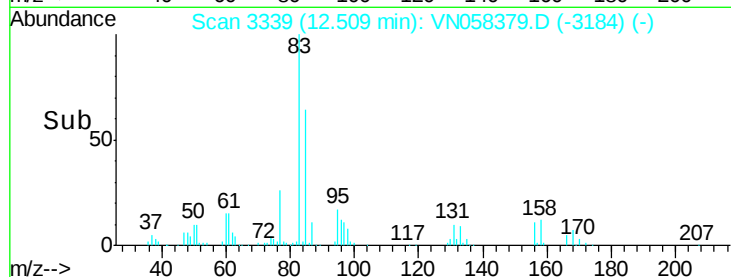
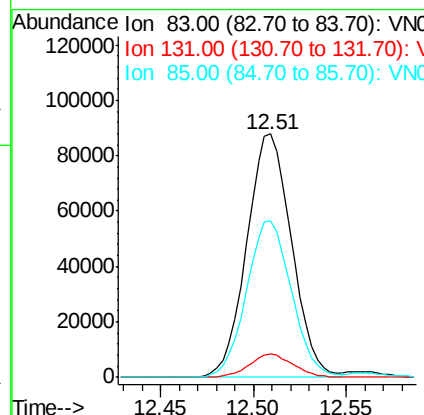
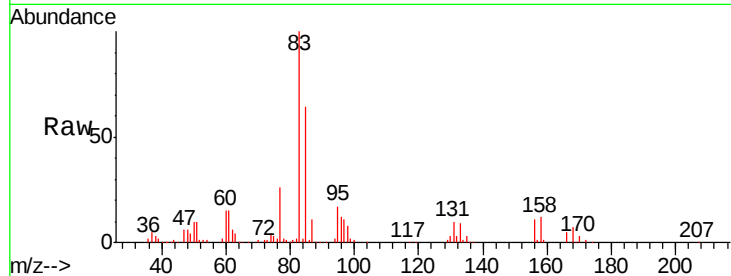




#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.012 ug/l
 RT: 12.51 min Scan# 3339
 Delta R.T. -0.00 min
 Lab File: VN058379.D
 Acq: 26 Sep 2019 12:45

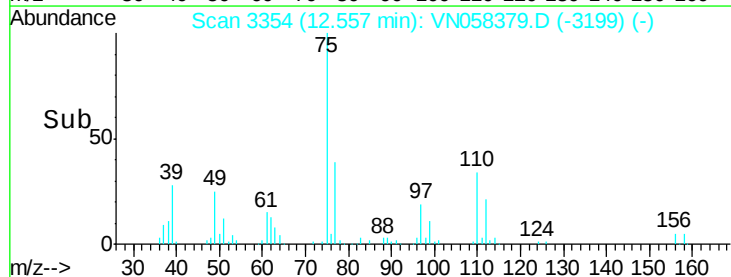
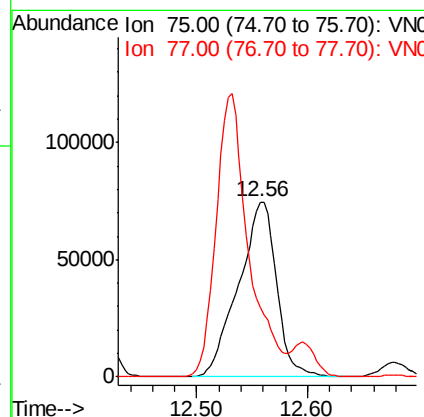
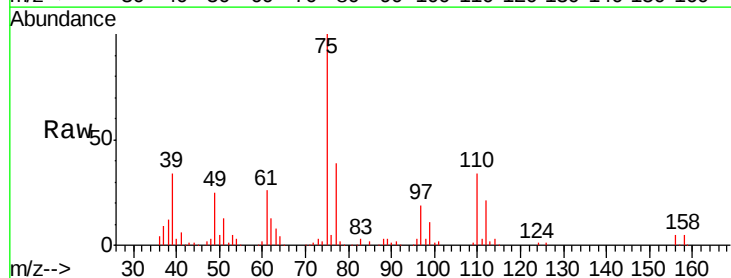
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0926WBSD01

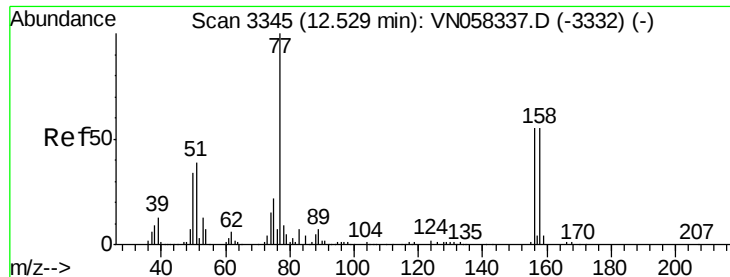
Tgt Ion: 83 Resp: 147832
 Ion Ratio Lower Upper
 83 100
 131 9.3 4.8 14.3
 85 64.3 32.6 97.7



#72
 1,2,3-Trichloropropane
 Concen: 28.088 ug/l
 RT: 12.56 min Scan# 3354
 Delta R.T. -0.00 min
 Lab File: VN058379.D
 Acq: 26 Sep 2019 12:45

Tgt Ion: 75 Resp: 178443
 Ion Ratio Lower Upper
 75 100
 77 137.8 0.0 382.4





#73

Bromobenzene

Concen: 19.051 ug/l

RT: 12.53 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN058379.D

Acq: 26 Sep 2019 12:45

Instrument :

MSVOA_N

ClientSampled :

VN0926WBSD01

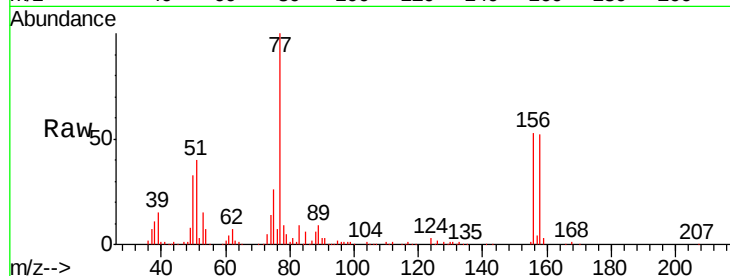
Tgt Ion:156 Resp: 107251

Ion Ratio Lower Upper

156 100

77 229.3 0.0 438.8

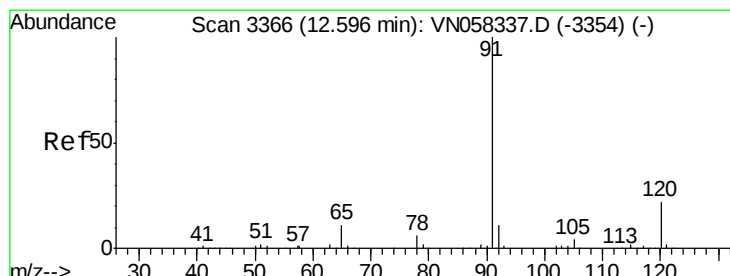
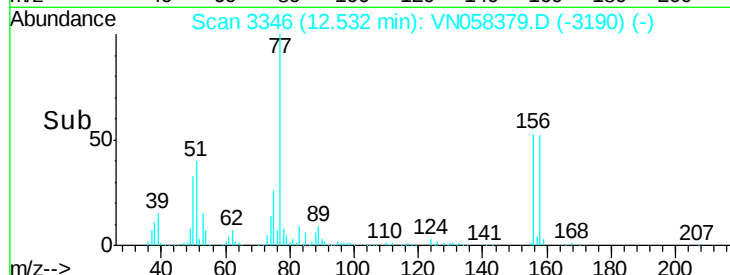
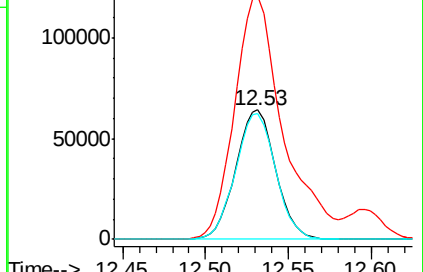
158 97.9 0.0 195.6



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 20.981 ug/l

RT: 12.60 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN058379.D

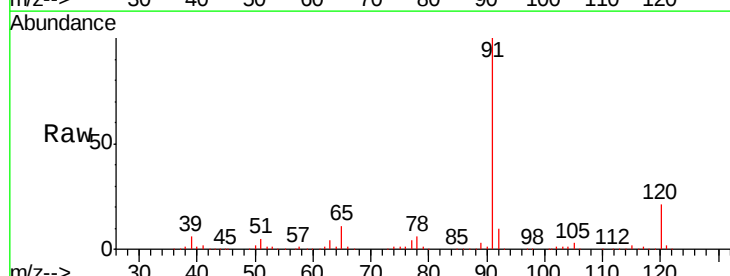
Acq: 26 Sep 2019 12:45

Tgt Ion: 91 Resp: 562187

Ion Ratio Lower Upper

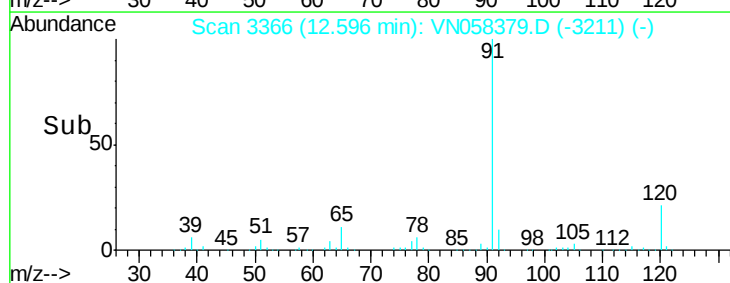
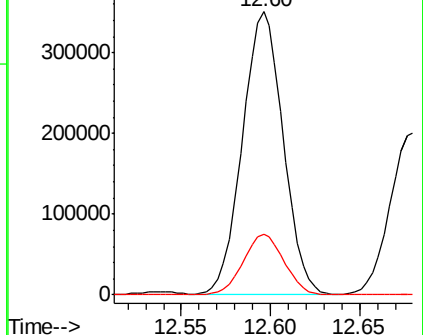
91 100

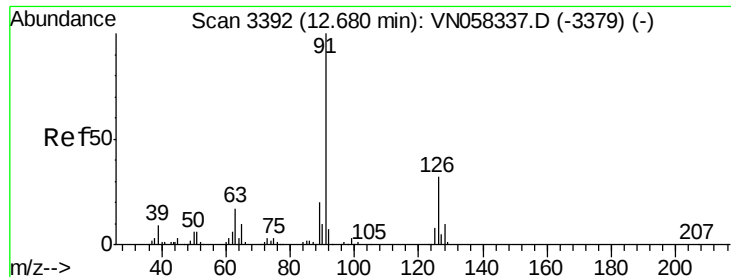
120 21.4 0.0 44.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.891 ug/l

RT: 12.68 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN058379.D

Acq: 26 Sep 2019 12:45

Instrument :

MSVOA_N

ClientSampleId :

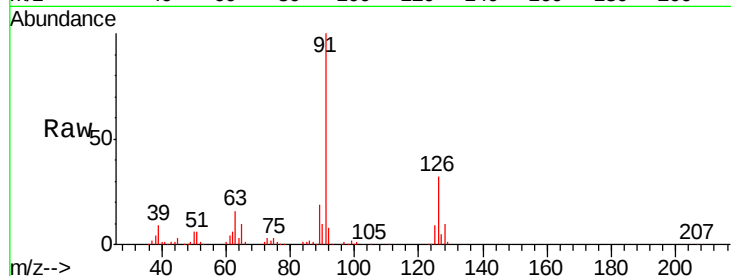
VN0926WBSD01

Tgt Ion: 91 Resp: 333390

Ion Ratio Lower Upper

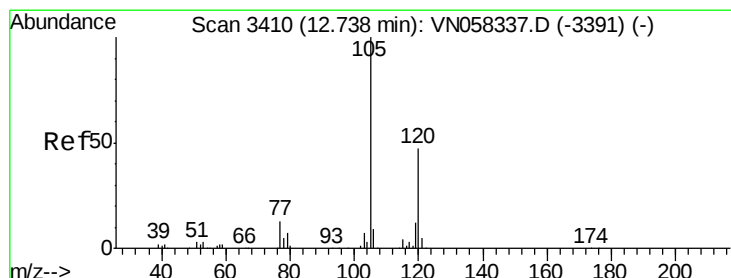
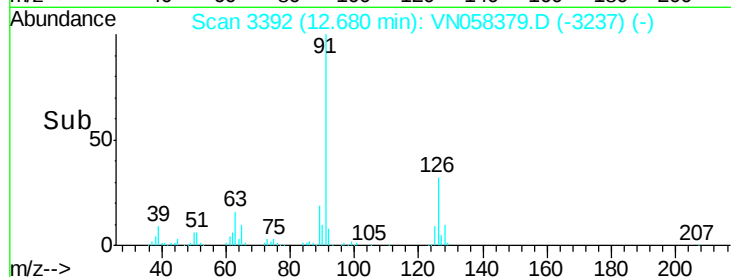
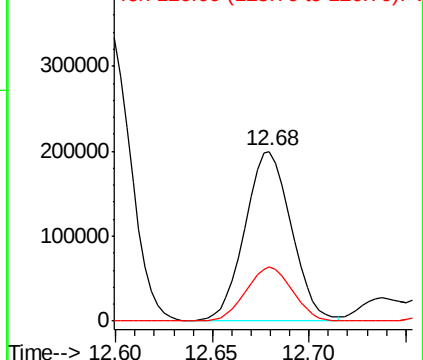
91 100

126 31.8 0.0 65.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 126.00 (125.70 to 126.70): V



#76

1,3,5-Trimethylbenzene

Concen: 20.138 ug/l

RT: 12.74 min Scan# 3410

Delta R.T. -0.00 min

Lab File: VN058379.D

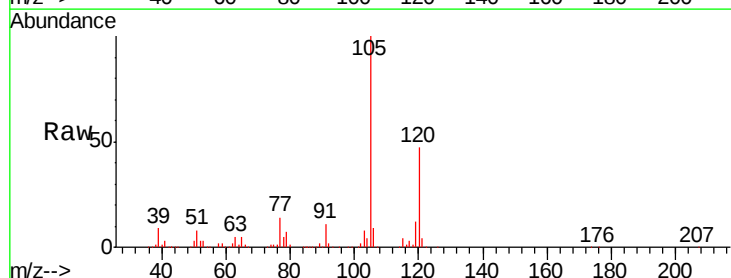
Acq: 26 Sep 2019 12:45

Tgt Ion: 105 Resp: 403016

Ion Ratio Lower Upper

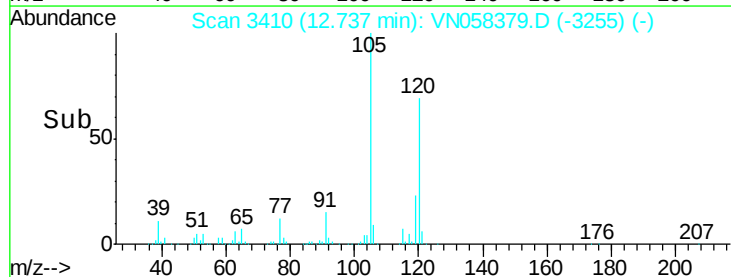
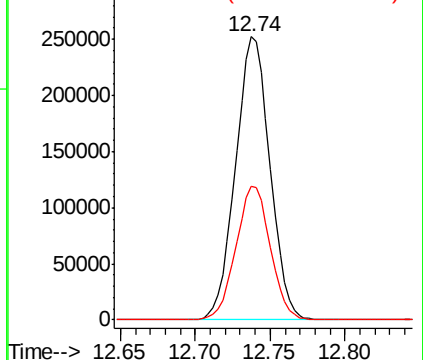
105 100

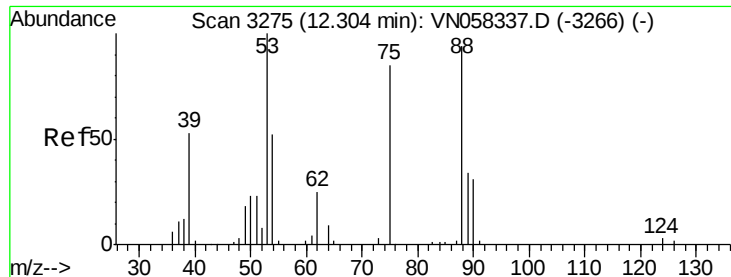
120 47.2 0.0 94.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#77

t-1,4-Dichloro-2-butene

Concen: 17.060 ug/l

RT: 12.31 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN058379.D

Acq: 26 Sep 2019 12:45

Instrument :

MSVOA_N

ClientSampleId :

VN0926WBSD01

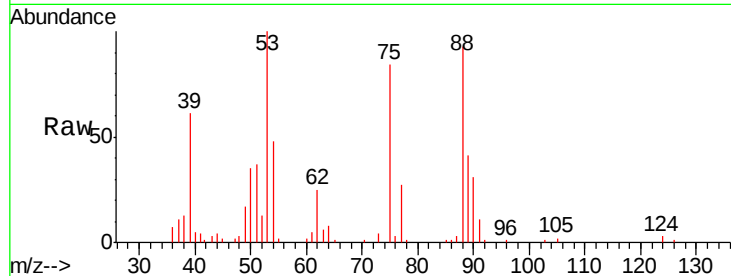
Tgt Ion: 75 Resp: 35353

Ion Ratio Lower Upper

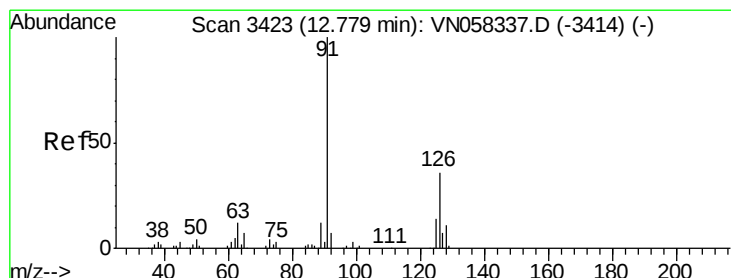
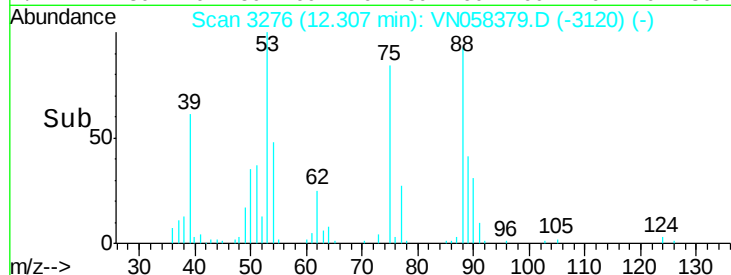
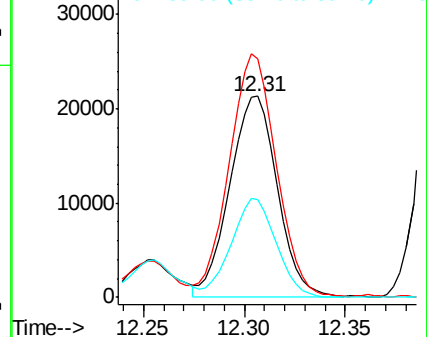
75 100

53 118.0 59.0 176.8

89 48.4 21.6 65.0



Abundance Ion 75.00 (74.70 to 75.70): VN0
Ion 53.00 (52.70 to 53.70): VN0
Ion 89.00 (88.70 to 89.70): VN0



#78

4-Chlorotoluene

Concen: 19.420 ug/l

RT: 12.78 min Scan# 3423

Delta R.T. -0.00 min

Lab File: VN058379.D

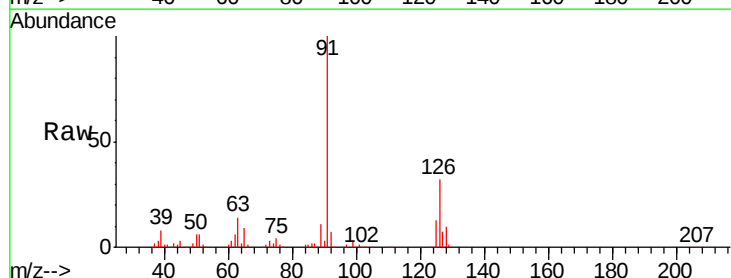
Acq: 26 Sep 2019 12:45

Tgt Ion: 91 Resp: 333603

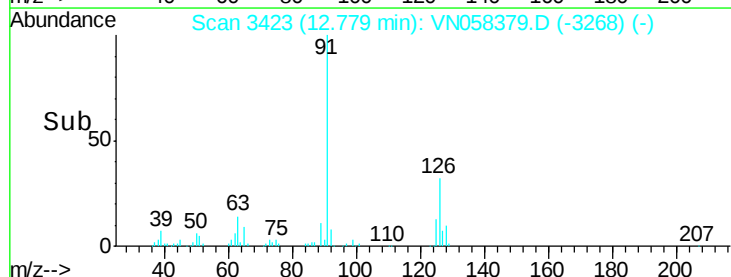
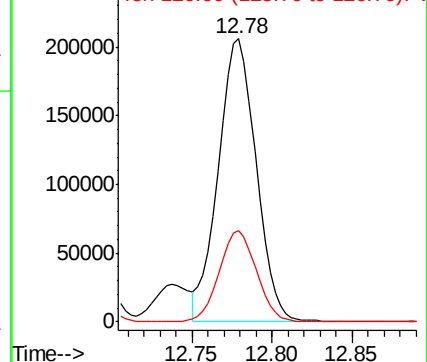
Ion Ratio Lower Upper

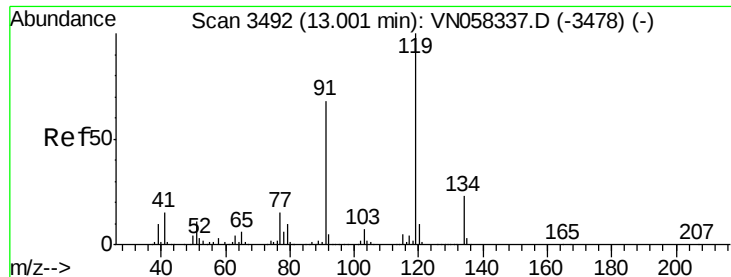
91 100

126 31.7 0.0 63.8



Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 126.00 (125.70 to 126.70): V

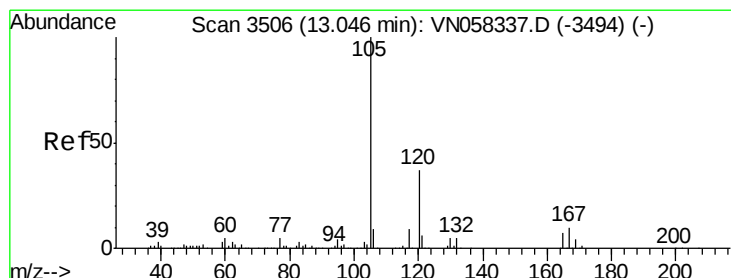
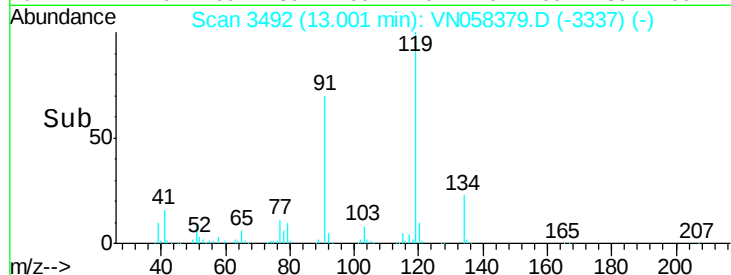
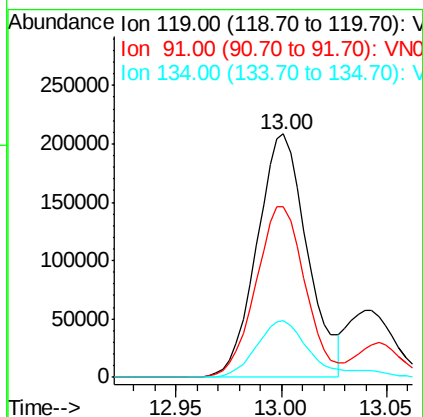
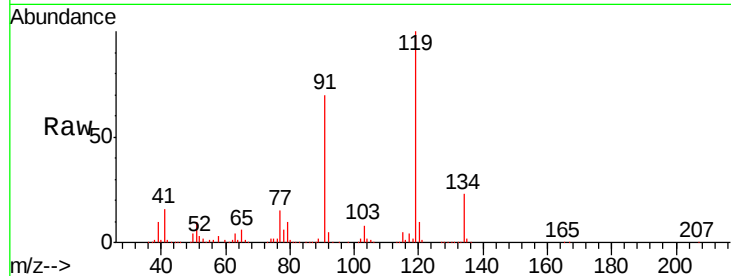




#79
tert-butylbenzene
Concen: 20.001 ug/l
RT: 13.00 min Scan# 3492
Delta R.T. -0.00 min
Lab File: VN058379.D
Acq: 26 Sep 2019 12:45

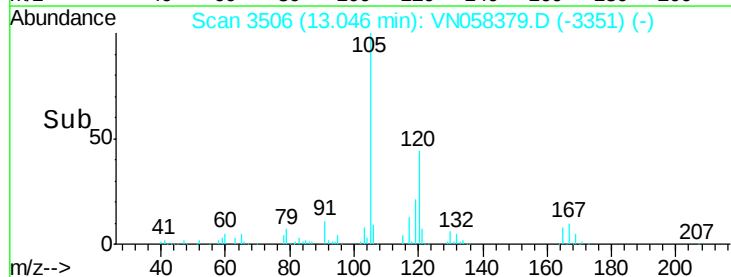
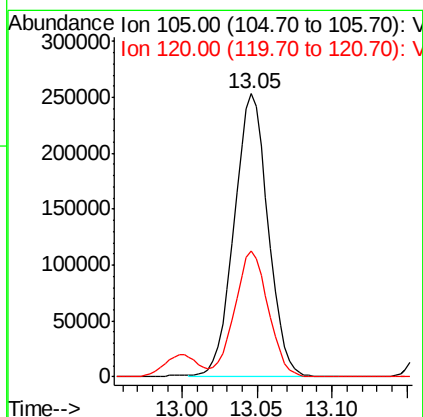
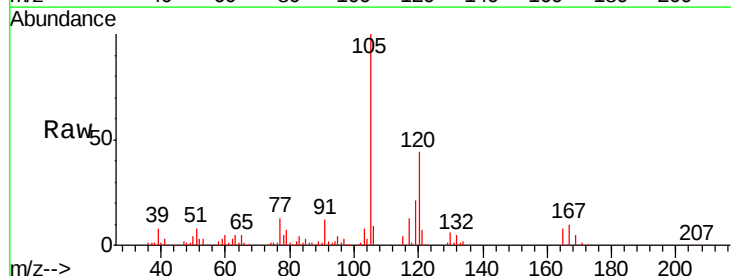
Instrument :
MSVOA_N
ClientSampleId :
VN0926WBSD01

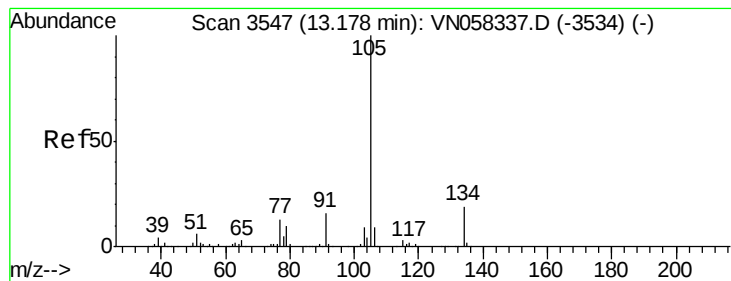
Tgt Ion:119 Resp: 346555
Ion Ratio Lower Upper
119 100
91 68.4 0.0 138.2
134 23.8 0.0 46.8



#80
1,2,4-Trimethylbenzene
Concen: 19.936 ug/l
RT: 13.05 min Scan# 3506
Delta R.T. -0.00 min
Lab File: VN058379.D
Acq: 26 Sep 2019 12:45

Tgt Ion:105 Resp: 398240
Ion Ratio Lower Upper
105 100
120 44.1 0.0 86.6





#81

sec-Butylbenzene

Concen: 20.369 ug/l

RT: 13.18 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN058379.D

Acq: 26 Sep 2019 12:45

Instrument :

MSVOA_N

ClientSampleId :

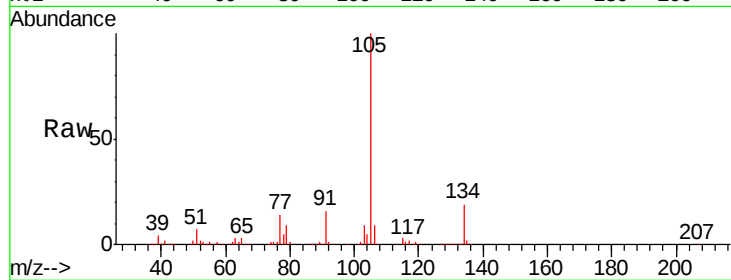
VN0926WBSD01

Tgt Ion:105 Resp: 462915

Ion Ratio Lower Upper

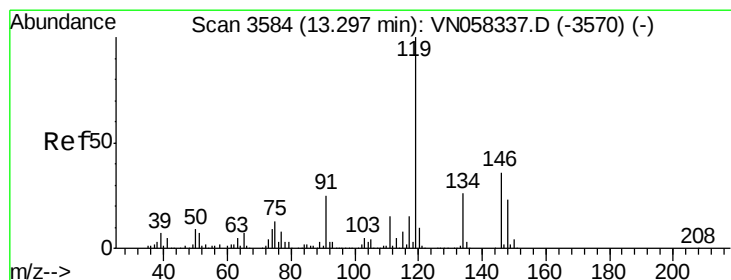
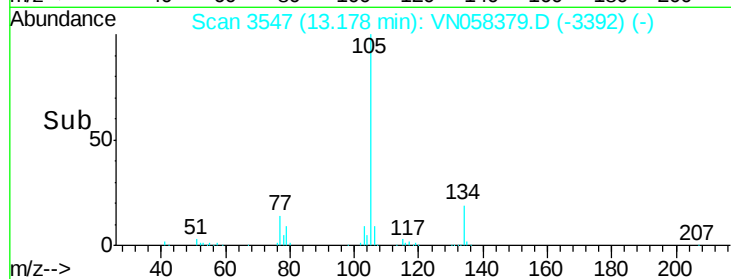
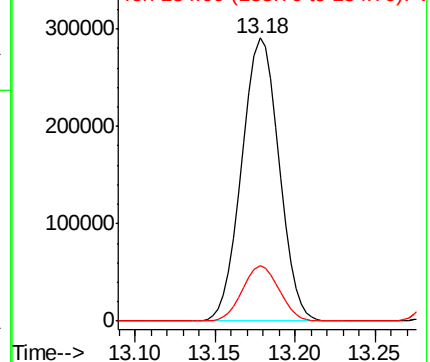
105 100

134 19.2 0.0 38.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 19.764 ug/l

RT: 13.30 min Scan# 3584

Delta R.T. -0.00 min

Lab File: VN058379.D

Acq: 26 Sep 2019 12:45

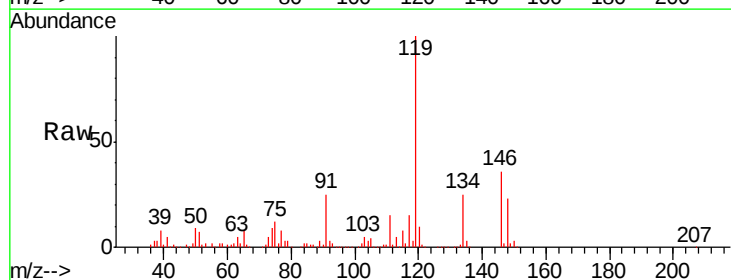
Tgt Ion:119 Resp: 404500

Ion Ratio Lower Upper

119 100

134 25.4 0.0 51.6

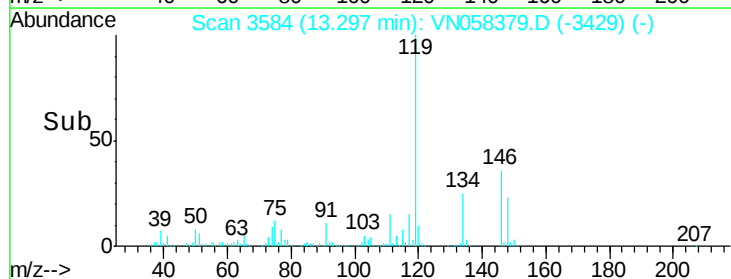
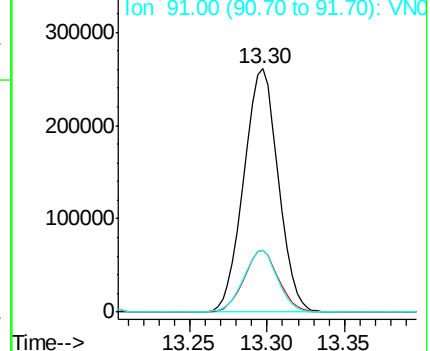
91 24.8 0.0 49.6

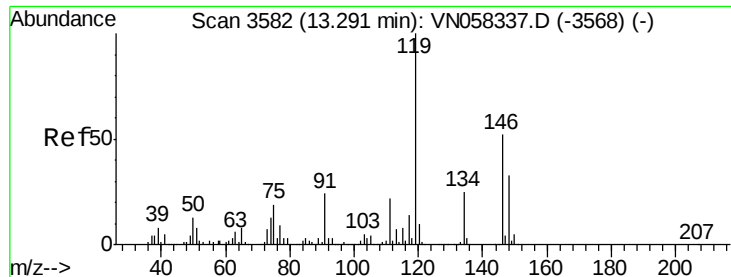


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

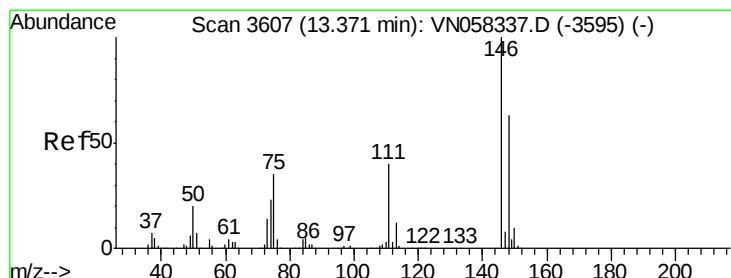
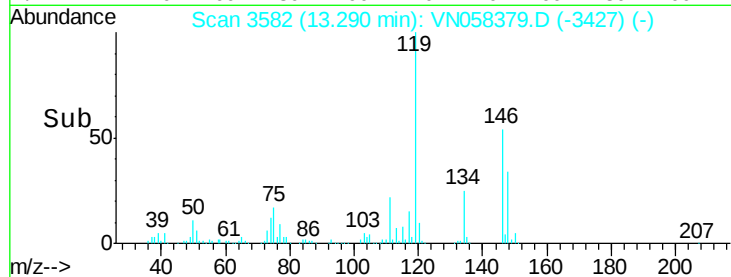
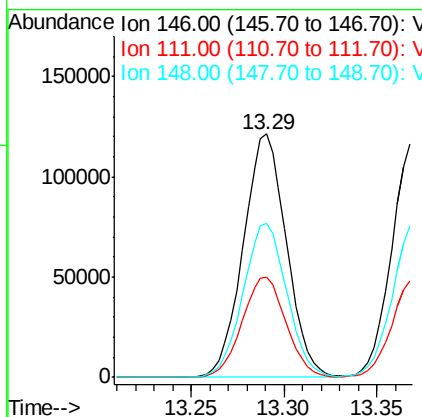
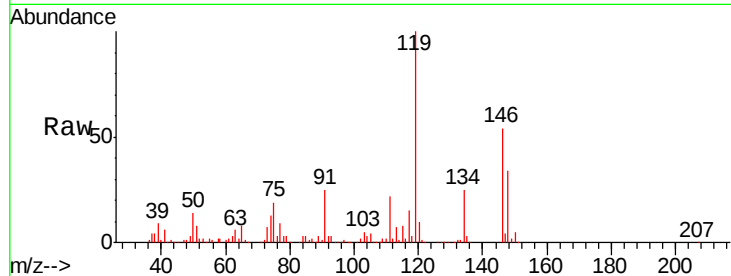




#83
 1,3-Dichlorobenzene
 Concen: 18.886 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN058379.D
 Acq: 26 Sep 2019 12:45

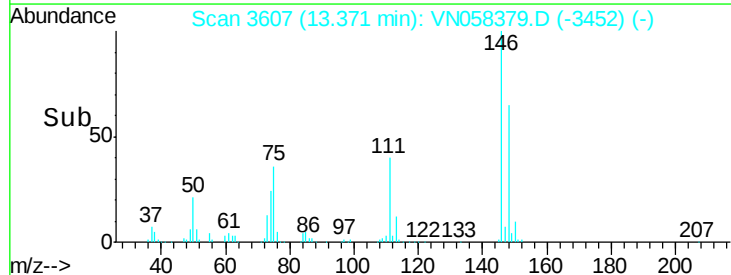
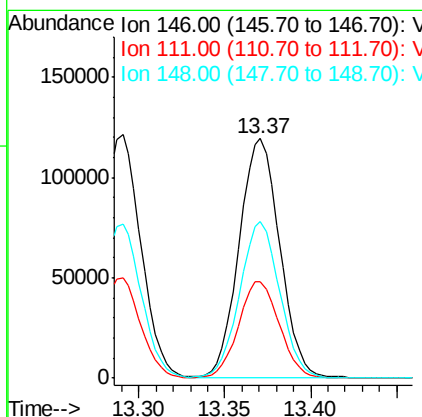
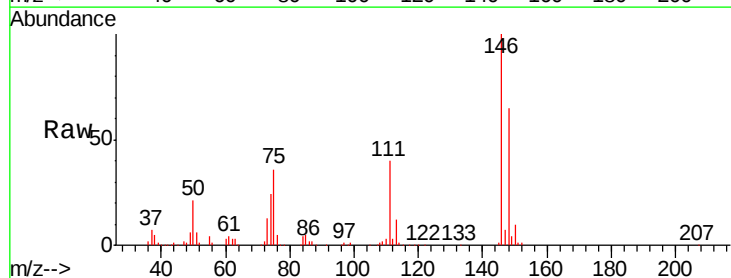
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0926WBSD01

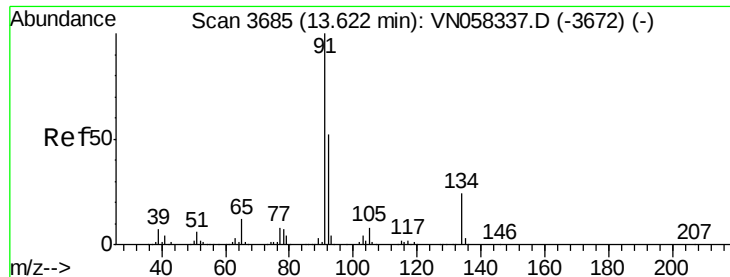
Tgt Ion:146 Resp: 196159
 Ion Ratio Lower Upper
 146 100
 111 41.8 20.9 62.8
 148 64.3 32.0 96.2



#84
 1,4-Dichlorobenzene
 Concen: 18.859 ug/l
 RT: 13.37 min Scan# 3607
 Delta R.T. -0.00 min
 Lab File: VN058379.D
 Acq: 26 Sep 2019 12:45

Tgt Ion:146 Resp: 194954
 Ion Ratio Lower Upper
 146 100
 111 40.9 20.4 61.3
 148 64.3 31.9 95.7





#85

n-Butylbenzene

Concen: 19.077 ug/l

RT: 13.62 min Scan# 3685

Delta R.T. -0.00 min

Lab File: VN058379.D

Acq: 26 Sep 2019 12:45

Instrument :

MSVOA_N

ClientSampleId :

VN0926WBSD01

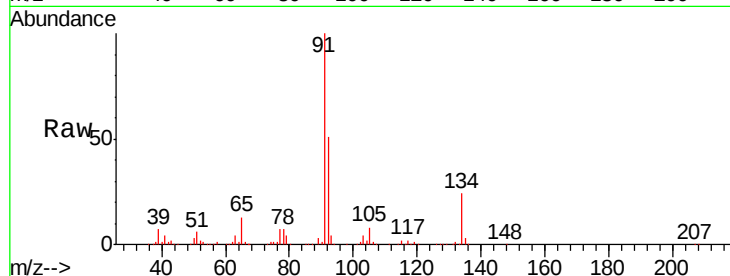
Tgt Ion: 91 Resp: 362735

Ion Ratio Lower Upper

91 100

92 50.6 0.0 102.6

134 23.9 0.0 47.8

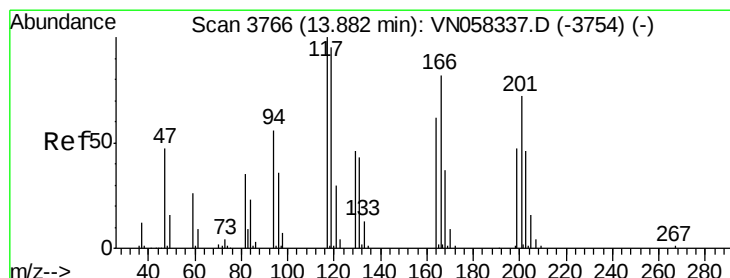
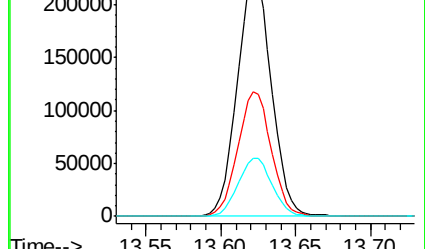
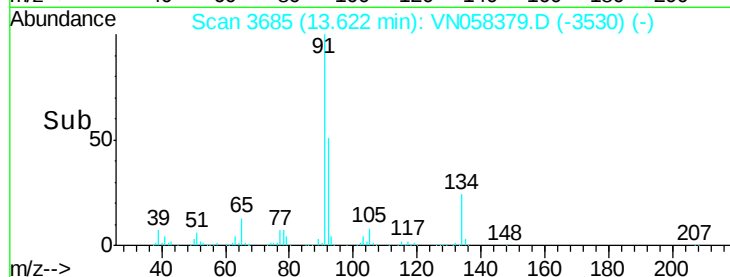


Abundance Ion 91.00 (90.70 to 91.70): VN058337.D (-3672) (-)

Ion 92.00 (91.70 to 92.70): VN058337.D (-3672) (-)

Ion 134.00 (133.70 to 134.70): VN058337.D (-3672) (-)

Time-->



#86

Hexachloroethane

Concen: 18.917 ug/l

RT: 13.88 min Scan# 3766

Delta R.T. -0.00 min

Lab File: VN058379.D

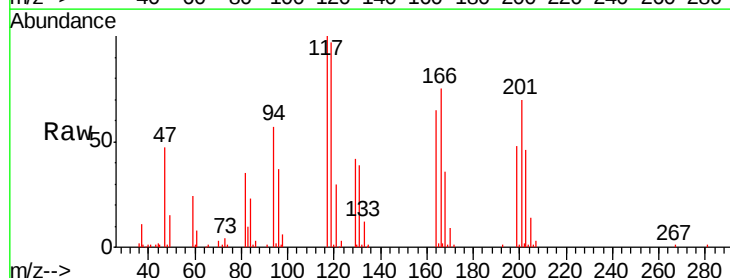
Acq: 26 Sep 2019 12:45

Tgt Ion: 117 Resp: 62533

Ion Ratio Lower Upper

117 100

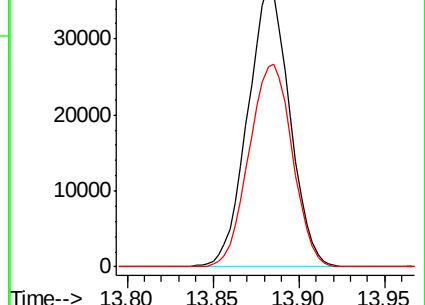
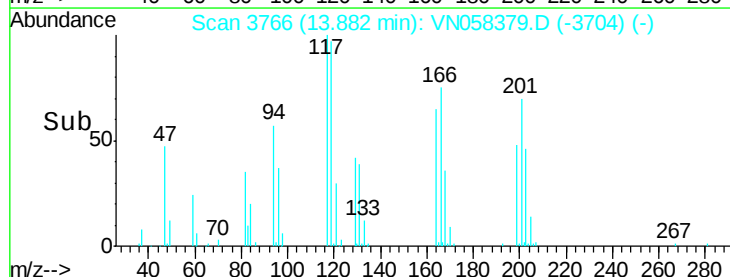
201 74.4 37.2 111.6

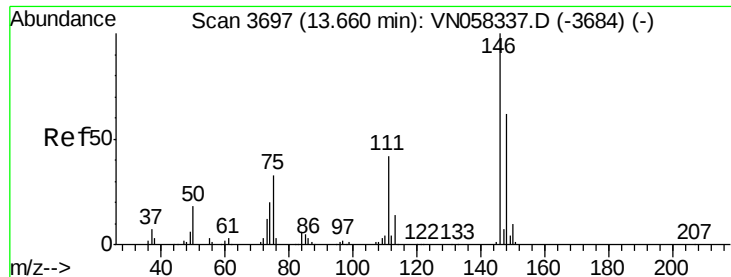


Abundance Ion 117.00 (116.70 to 117.70): VN058337.D (-3754) (-)

Ion 201.00 (200.70 to 201.70): VN058337.D (-3754) (-)

Time-->

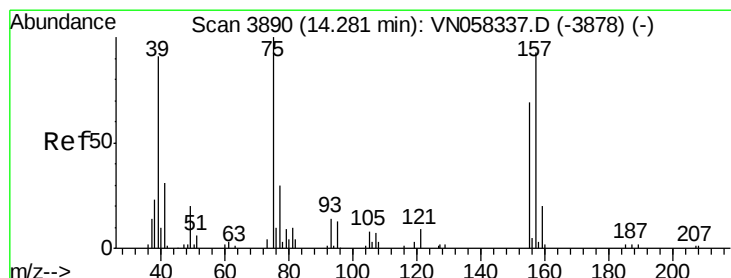
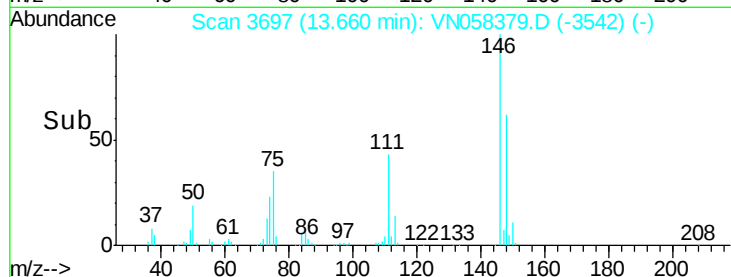
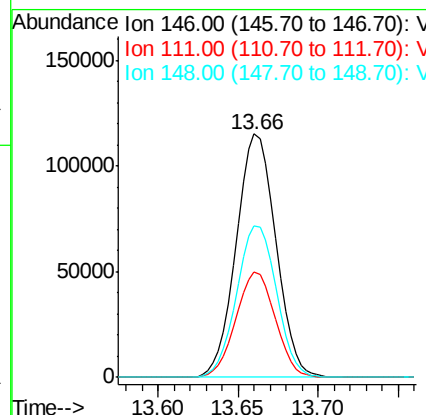
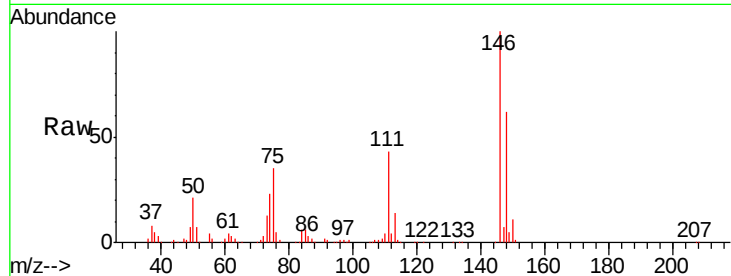




#87
 1,2-Dichlorobenzene
 Concen: 19.178 ug/l
 RT: 13.66 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: VN058379.D
 Acq: 26 Sep 2019 12:45

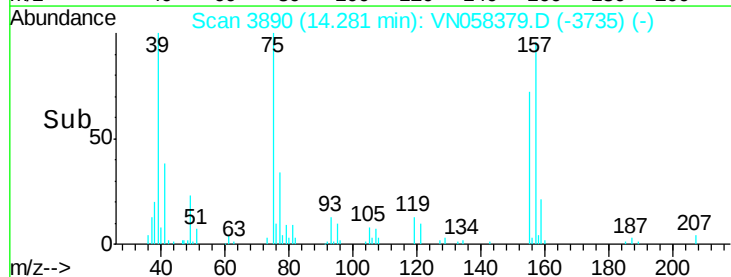
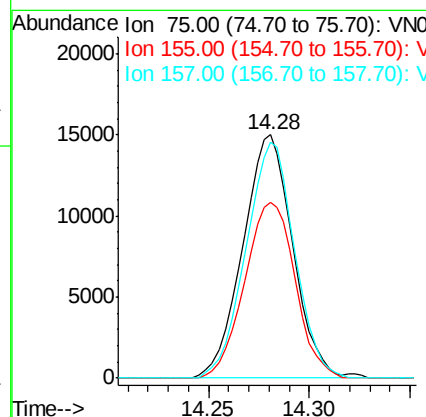
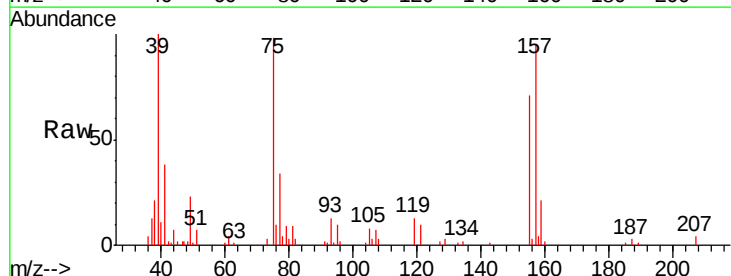
Instrument :
 MSVOA_N
 ClientSampled :
 VN0926WBSD01

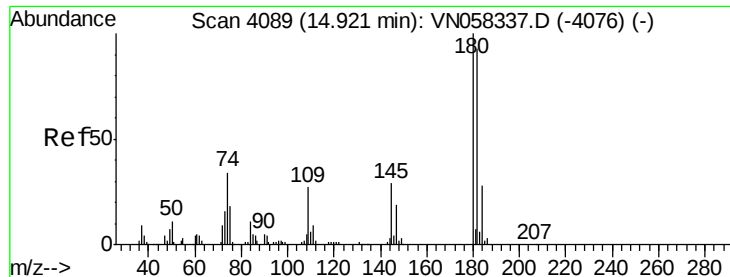
Tgt Ion: 146 Resp: 194506
 Ion Ratio Lower Upper
 146 100
 111 43.1 21.1 63.3
 148 62.9 31.9 95.7



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 17.973 ug/l
 RT: 14.28 min Scan# 3890
 Delta R.T. -0.00 min
 Lab File: VN058379.D
 Acq: 26 Sep 2019 12:45

Tgt Ion: 75 Resp: 25912
 Ion Ratio Lower Upper
 75 100
 155 73.1 58.5 87.7
 157 94.7 75.4 113.2

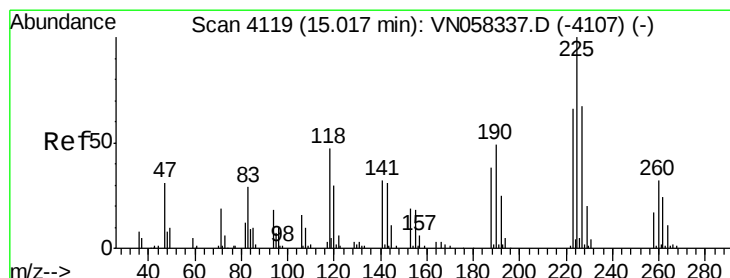
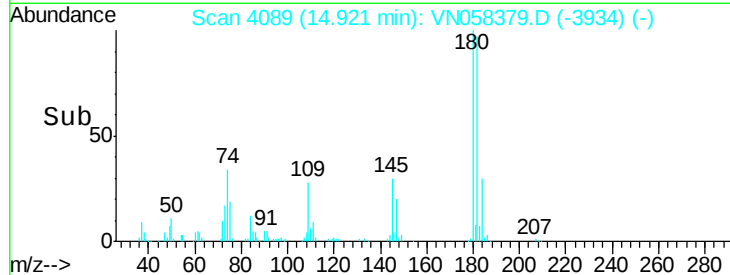
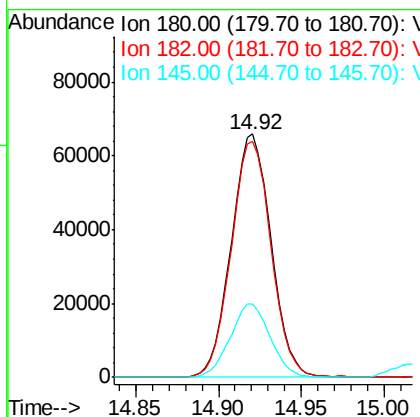
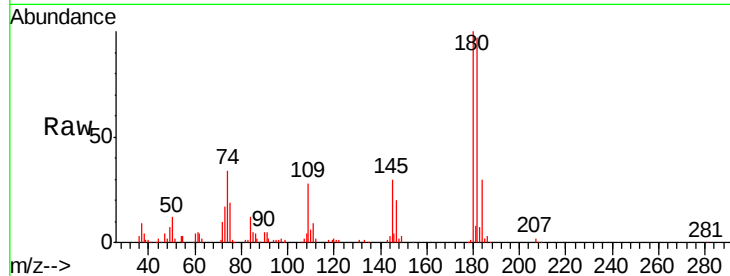




#89
 1,2,4-Trichlorobenzene
 Concen: 16.585 ug/l
 RT: 14.92 min Scan# 4089
 Delta R.T. -0.00 min
 Lab File: VN058379.D
 Acq: 26 Sep 2019 12:45

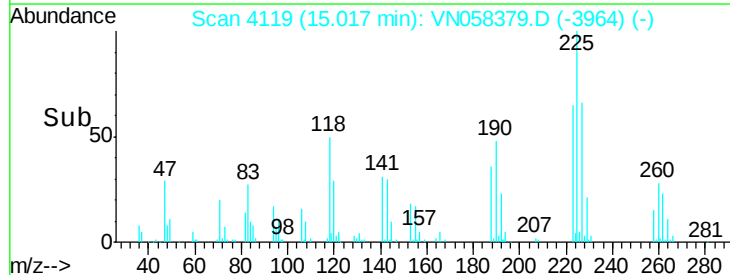
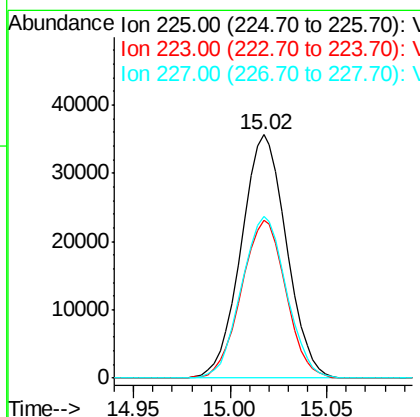
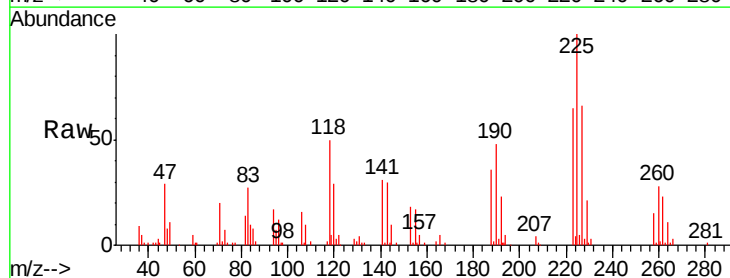
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0926WBSD01

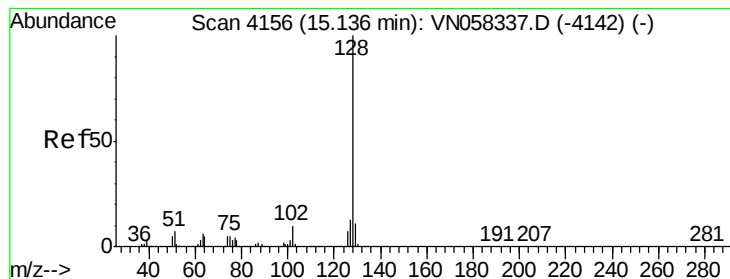
Tgt Ion:180 Resp: 109888
 Ion Ratio Lower Upper
 180 100
 182 96.9 75.2 112.8
 145 30.3 25.1 37.7



#90
 Hexachlorobutadiene
 Concen: 18.132 ug/l
 RT: 15.02 min Scan# 4119
 Delta R.T. -0.00 min
 Lab File: VN058379.D
 Acq: 26 Sep 2019 12:45

Tgt Ion:225 Resp: 58130
 Ion Ratio Lower Upper
 225 100
 223 63.6 0.0 132.6
 227 65.7 0.0 129.2





#91

Naphthalene

Concen: 16.860 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN058379.D

Acq: 26 Sep 2019 12:45

Instrument :

MSVOA_N

ClientSampleId :

VN0926WBSD01

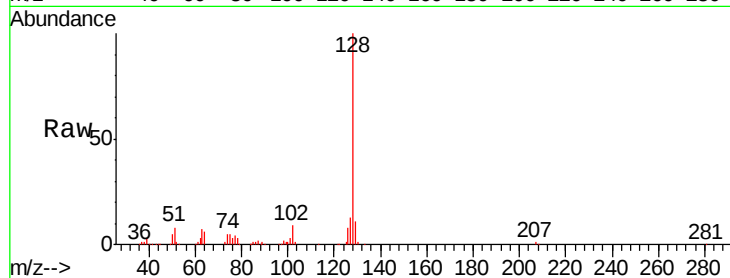
Tgt Ion:128 Resp: 306789

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

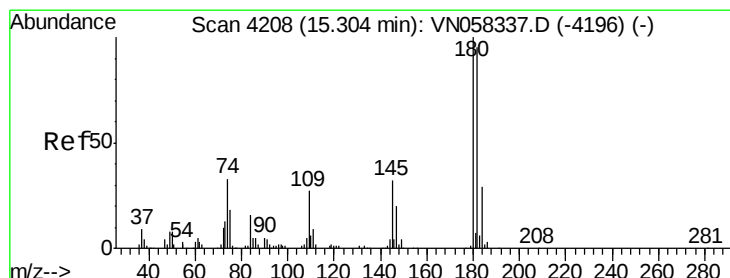
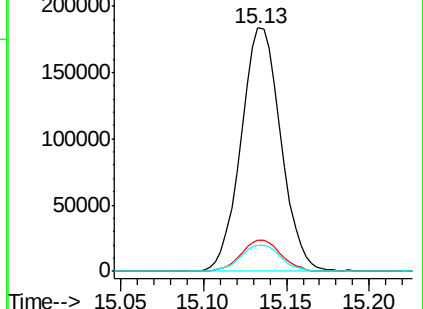
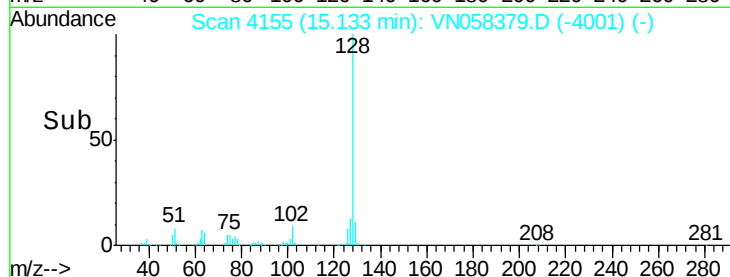
129 10.9 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 16.740 ug/l

RT: 15.30 min Scan# 4208

Delta R.T. -0.00 min

Lab File: VN058379.D

Acq: 26 Sep 2019 12:45

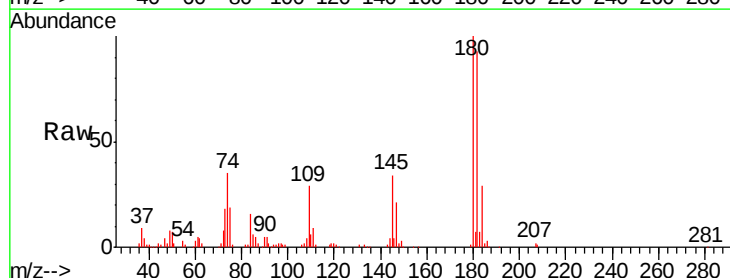
Tgt Ion:180 Resp: 106529

Ion Ratio Lower Upper

180 100

182 95.2 0.0 189.4

145 33.1 0.0 64.0



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

