

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN082619\
 Data File : VN057517.D
 Acq On : 26 Aug 2019 18:15
 Operator : JC/SP
 Sample : VN0826WBS02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0826WBS02

Quant Time: Aug 27 07:15:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 05:07:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	346105	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	640400	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	565425	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	179677	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	328564	53.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.94%	
35) Dibromofluoromethane	7.57	113	211128	48.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.62%	
50) Toluene-d8	10.09	98	852496	52.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.24%	
62) 4-Bromofluorobenzene	12.40	95	260048	46.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.84%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.84	85	77994	19.096	ug/l 98
3) Chloromethane	2.05	50	106687	18.289	ug/l 100
4) Vinyl Chloride	2.17	62	135280	19.053	ug/l 100
5) Bromomethane	2.55	94	94220	21.533	ug/l 96
6) Chloroethane	2.69	64	87006	19.051	ug/l 96
7) Trichlorofluoromethane	3.00	101	206614	18.747	ug/l 94
8) Diethyl Ether	3.39	74	74079	19.081	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	3.73	101	111307	19.649	ug/l 100
10) Methyl Iodide	3.92	142	73369	16.303	ug/l 99
11) Tert butyl alcohol	4.78	59	65740	86.904	ug/l # 89
12) 1,1-Dichloroethene	3.71	96	106533	18.084	ug/l 99
13) Acrolein	3.59	56	66910	100.590	ug/l 96
14) Allyl chloride	4.29	41	144034	18.483	ug/l 98
15) Acrylonitrile	4.96	53	195337	95.752	ug/l 99
16) Acetone	3.80	43	298017	106.585	ug/l 94
17) Carbon Disulfide	4.02	76	179302	15.955	ug/l 98
18) Methyl Acetate	4.31	43	131685	21.276	ug/l 99
19) Methyl tert-butyl Ether	5.02	73	249629	17.554	ug/l 97
20) Methylene Chloride	4.52	84	79054	19.023	ug/l 98
21) trans-1,2-Dichloroethene	5.01	96	74050	17.813	ug/l 91
22) Diisopropyl ether	5.93	45	314982	18.845	ug/l 98
23) Vinyl Acetate	5.88	43	1169811	89.605	ug/l 98
24) 1,1-Dichloroethane	5.82	63	163927	18.506	ug/l 98
25) 2-Butanone	6.82	43	273935	90.225	ug/l 100
26) 2,2-Dichloropropane	6.80	77	126711	16.518	ug/l 99
27) cis-1,2-Dichloroethene	6.81	96	92326	18.735	ug/l 95
28) Bromochloromethane	7.17	49	98514	20.651	ug/l 96
29) Tetrahydrofuran	7.20	42	184560	92.187	ug/l 99
30) Chloroform	7.36	83	158928	19.382	ug/l 99
31) Cyclohexane	7.64	56	160674	18.787	ug/l 97
32) 1,1,1-Trichloroethane	7.55	97	133387	17.554	ug/l 98
36) 1,1-Dichloropropene	7.78	75	115078	17.586	ug/l 99
37) Ethyl Acetate	6.91	43	120024	18.562	ug/l 97
38) Carbon Tetrachloride	7.76	117	109110	16.784	ug/l 98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN082619\
 Data File : VN057517.D
 Acq On : 26 Aug 2019 18:15
 Operator : JC/SP
 Sample : VN0826WBS02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0826WBS02

Quant Time: Aug 27 07:15:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 05:07:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	143101	18.413	ug/l	99
40) Benzene	8.02	78	360017	18.331	ug/l	99
41) Methacrylonitrile	7.16	41	57293	18.582	ug/l	91
42) 1,2-Dichloroethane	8.11	62	141435	18.703	ug/l	98
43) Isopropyl Acetate	8.16	43	209772	17.693	ug/l	98
44) Trichloroethene	8.82	130	80152	18.282	ug/l	95
45) 1,2-Dichloropropane	9.11	63	102768	18.579	ug/l	100
46) Dibromomethane	9.20	93	63360	19.313	ug/l	99
47) Bromodichloromethane	9.40	83	126137	17.285	ug/l	97
48) Methyl methacrylate	9.19	41	100737	17.868	ug/l	96
49) 1,4-Dioxane	9.20	88	24542	336.629	ug/l	97
51) 4-Methyl-2-Pentanone	9.98	43	596552	90.283	ug/l	99
52) Toluene	10.15	92	211777	18.709	ug/l	97
53) t-1,3-Dichloropropene	10.38	75	127361	16.662	ug/l	97
54) cis-1,3-Dichloropropene	9.83	75	148775	17.481	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	83343	18.206	ug/l	98
56) Ethyl methacrylate	10.43	69	130389	18.107	ug/l	97
57) 1,3-Dichloropropane	10.71	76	154041	19.335	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	204135	111.902	ug/l	99
59) 2-Hexanone	10.75	43	403299	88.988	ug/l	100
60) Dibromochloromethane	10.90	129	81722	16.893	ug/l	96
61) 1,2-Dibromoethane	11.00	107	81457	18.143	ug/l	99
64) Tetrachloroethene	10.63	164	72418	18.307	ug/l	96
65) Chlorobenzene	11.43	112	207306	18.137	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	75669	17.262	ug/l	99
67) Ethyl Benzene	11.51	91	399697	18.067	ug/l	99
68) m/p-Xylenes	11.62	106	277948	36.943	ug/l	97
69) o-Xylene	11.95	106	136149	18.267	ug/l	99
70) Styrene	11.96	104	211293	17.904	ug/l	98
71) Bromoform	12.12	173	43967	14.838	ug/l #	100
73) Isopropylbenzene	12.25	105	372057	21.047	ug/l	99
74) N-amyl acetate	12.07	43	159213	19.116	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.51	83	107225	21.131	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	131502	31.697	ug/l #	100
77) Bromobenzene	12.53	156	71815	19.957	ug/l	98
78) n-propylbenzene	12.59	91	394334	20.100	ug/l	98
79) 2-Chlorotoluene	12.67	91	240357	20.542	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	296380	20.608	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	28665	15.614	ug/l	92
82) 4-Chlorotoluene	12.77	91	219908	19.382	ug/l	100
83) tert-Butylbenzene	12.99	119	256893	21.091	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	280146	20.055	ug/l	99
85) sec-Butylbenzene	13.17	105	327805	20.521	ug/l	100
86) p-Isopropyltoluene	13.29	119	275626	19.625	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	106908	18.421	ug/l	96
88) 1,4-Dichlorobenzene	13.37	146	99838	17.566	ug/l	97
89) n-Butylbenzene	13.62	91	225760	18.995	ug/l	98
90) Hexachloroethane	13.88	117	52767	17.791	ug/l	97
91) 1,2-Dichlorobenzene	13.66	146	104157	18.800	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	15712	17.980	ug/l	90

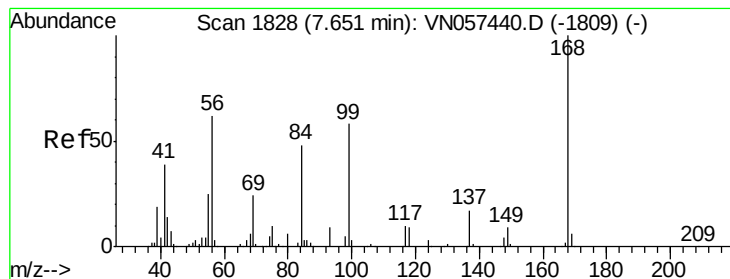
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN082619\
Data File : VN057517.D
Acq On : 26 Aug 2019 18:15
Operator : JC/SP
Sample : VN0826WBS02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS02

Quant Time: Aug 27 07:15:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082219W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 23 05:07:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	26158	15.787	ug/l	98
94) Hexachlorobutadiene	15.01	225	31096	20.102	ug/l	97
95) Naphthalene	15.13	128	89360	15.756	ug/l	97
96) 1,2,3-Trichlorobenzene	15.29	180	27776	16.247	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN057517.D

Acq: 26 Aug 2019 18:15

Instrument :

MSVOA_N

ClientSampleId :

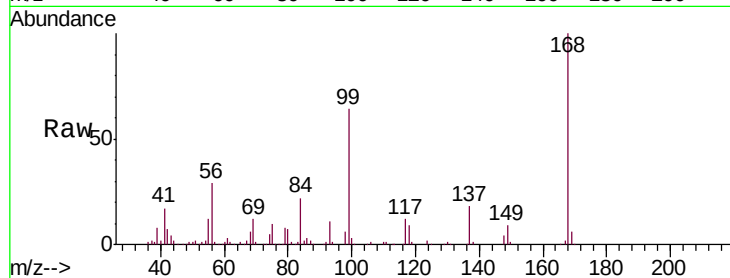
VN0826WBS02

Tgt Ion:168 Resp: 346105

Ion Ratio Lower Upper

168 100

99 64.0 50.6 76.0



Abundance Ion 167.90 (167.60 to 168.60): VN057440.D (-1809) (-)

Ion 98.90 (98.60 to 99.60): VN057440.D (-1809) (-)

7.65

150000

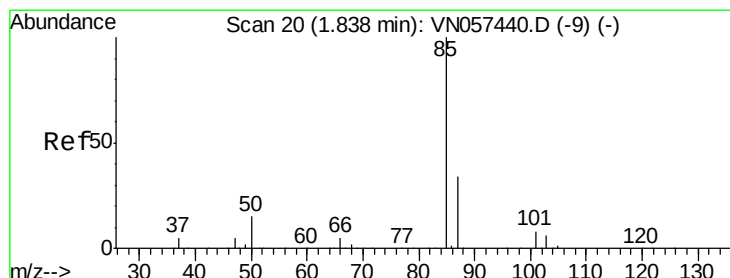
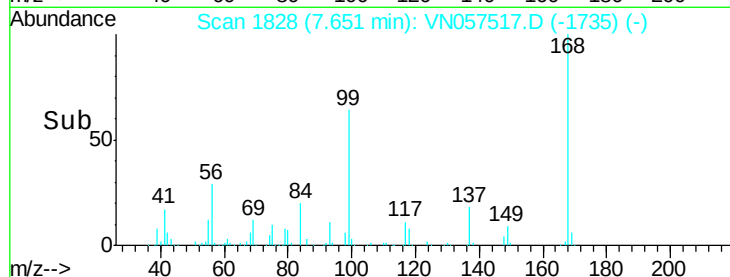
100000

50000

0

7.55 7.60 7.65 7.70 7.75

Time-->



#2

Dichlorodifluoromethane

Concen: 19.096 ug/l

RT: 1.84 min Scan# 20

Delta R.T. 0.00 min

Lab File: VN057517.D

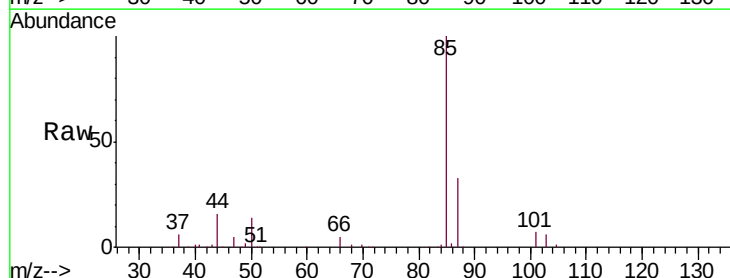
Acq: 26 Aug 2019 18:15

Tgt Ion: 85 Resp: 77994

Ion Ratio Lower Upper

85 100

87 32.9 17.1 51.2



Abundance Ion 84.90 (84.60 to 85.60): VN057440.D (-9) (-)

Ion 86.90 (86.60 to 87.60): VN057440.D (-9) (-)

1.84

60000

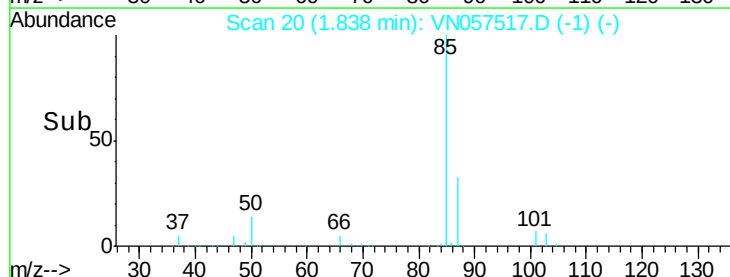
40000

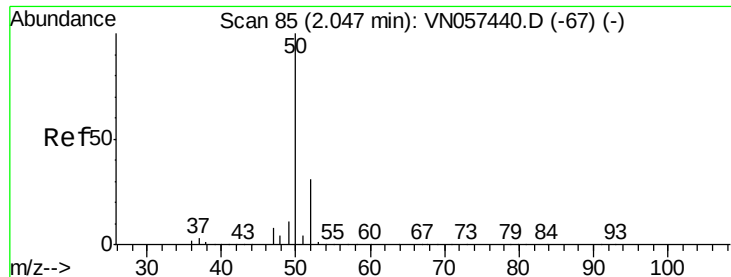
20000

0

1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 18.289 ug/l

RT: 2.05 min Scan# 85

Delta R.T. 0.00 min

Lab File: VN057517.D

Acq: 26 Aug 2019 18:15

Instrument :

MSVOA_N

ClientSampleId :

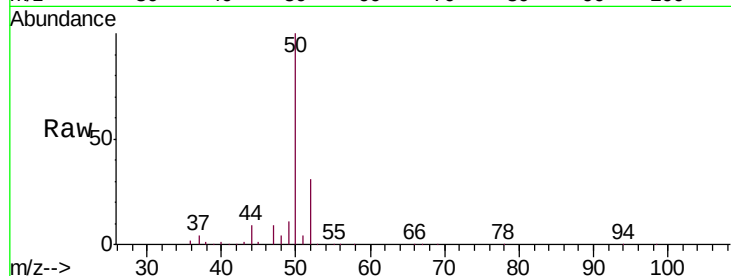
VN0826WBS02

Tgt Ion: 50 Resp: 106687

Ion Ratio Lower Upper

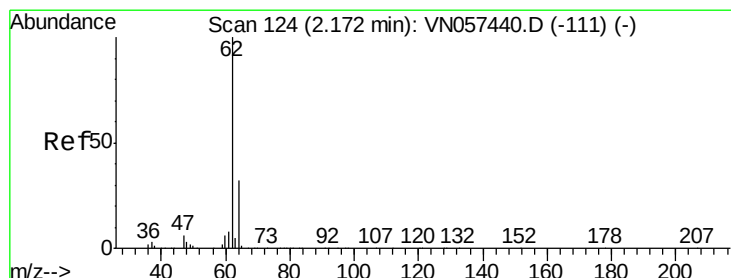
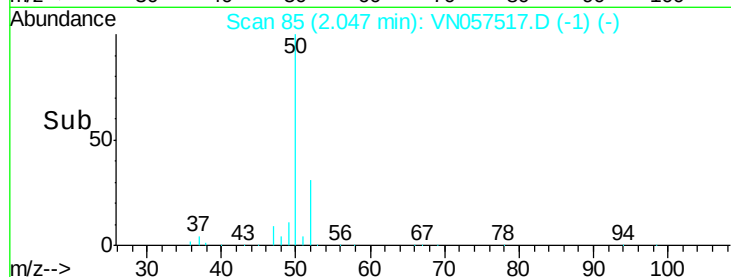
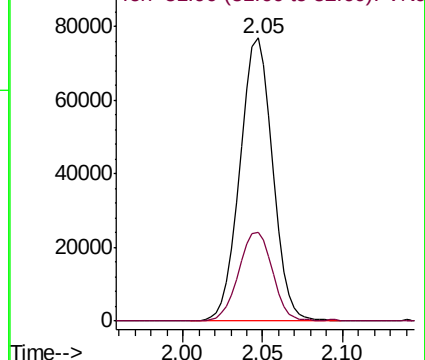
50 100

52 31.4 25.1 37.7



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 19.053 ug/l

RT: 2.17 min Scan# 124

Delta R.T. 0.00 min

Lab File: VN057517.D

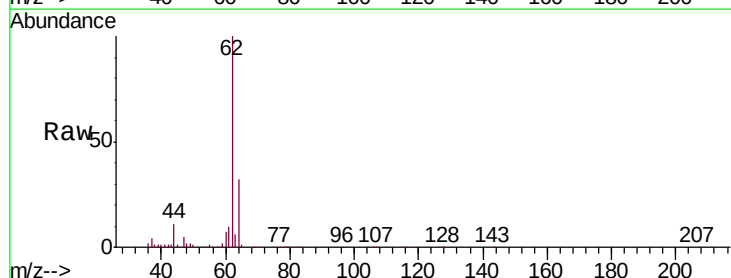
Acq: 26 Aug 2019 18:15

Tgt Ion: 62 Resp: 135280

Ion Ratio Lower Upper

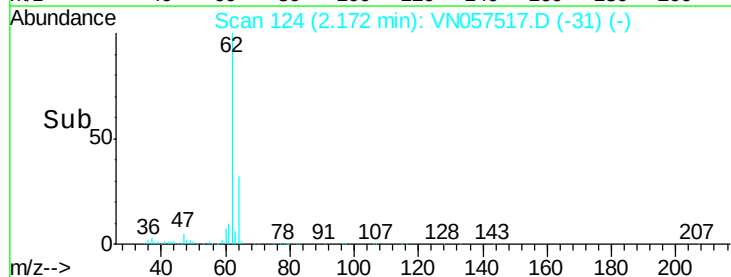
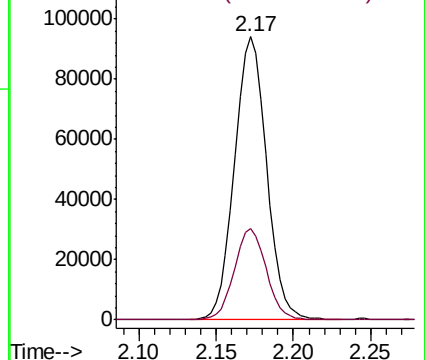
62 100

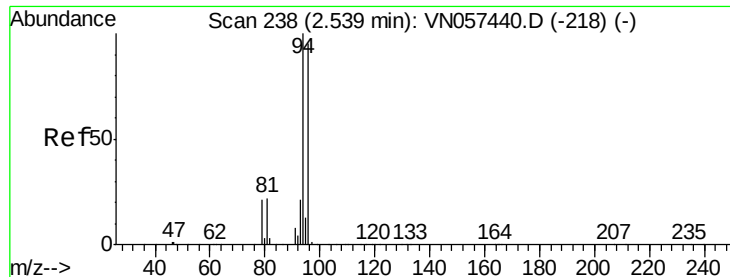
64 32.2 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 21.533 ug/l

RT: 2.55 min Scan# 241

Delta R.T. 0.01 min

Lab File: VN057517.D

Acq: 26 Aug 2019 18:15

Instrument :

MSVOA_N

ClientSampleId :

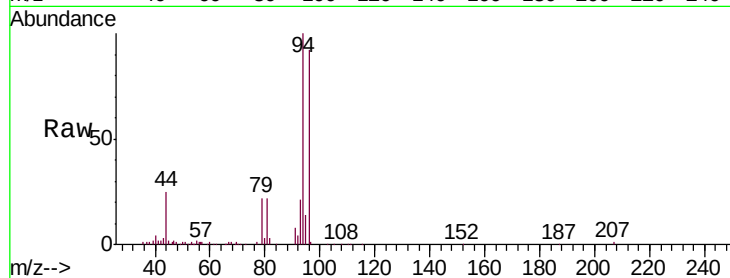
VN0826WBS02

Tgt Ion: 94 Resp: 94220

Ion Ratio Lower Upper

94 100

96 91.0 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.55

50000

40000

30000

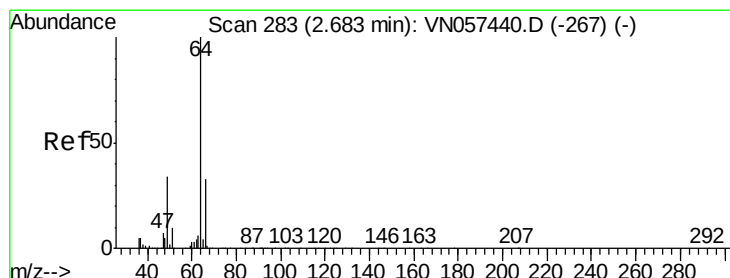
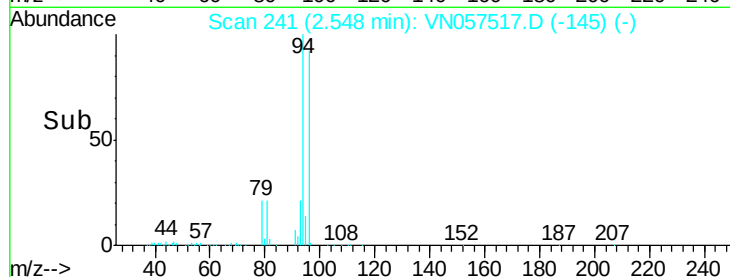
20000

10000

0

Time-->

2.45 2.50 2.55 2.60 2.65



#6

Chloroethane

Concen: 19.051 ug/l

RT: 2.69 min Scan# 285

Delta R.T. 0.01 min

Lab File: VN057517.D

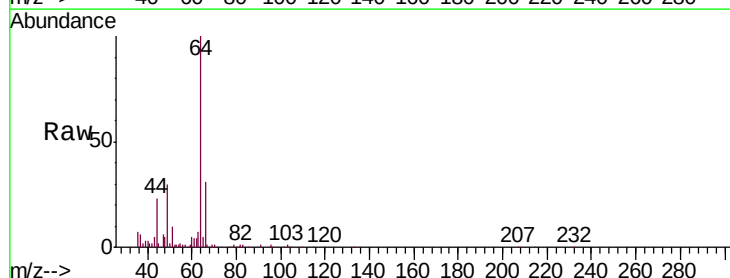
Acq: 26 Aug 2019 18:15

Tgt Ion: 64 Resp: 87006

Ion Ratio Lower Upper

64 100

66 31.1 26.8 40.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.69

50000

40000

30000

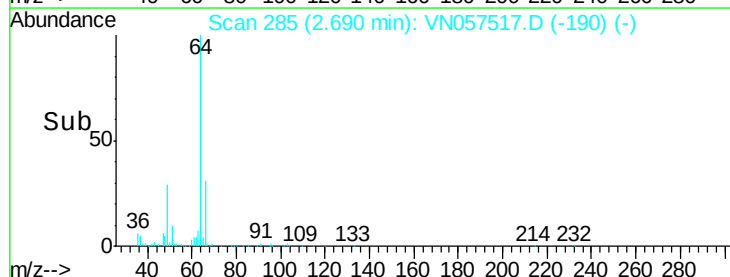
20000

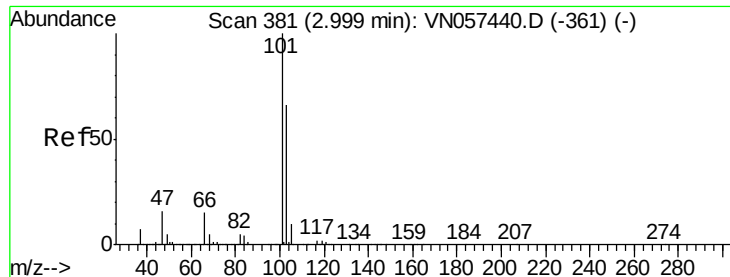
10000

0

Time-->

2.60 2.65 2.70 2.75 2.80



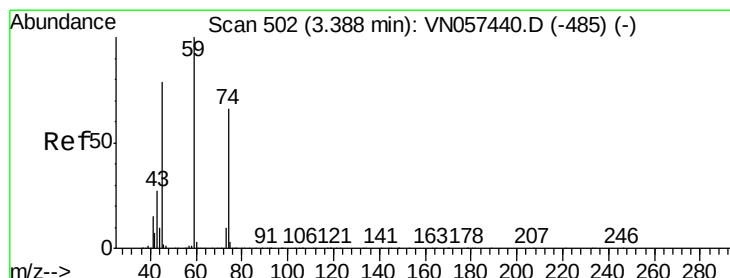
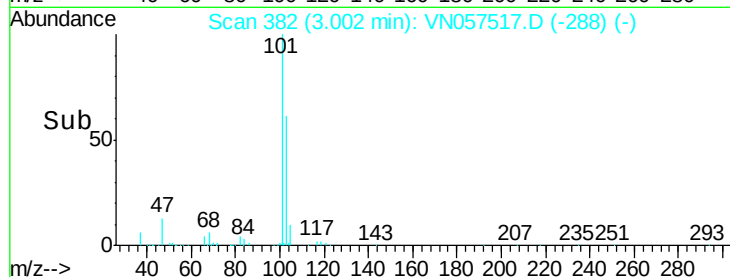
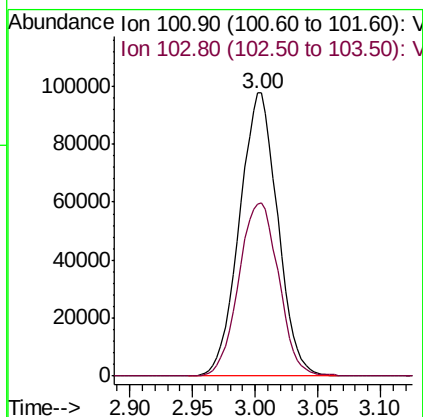
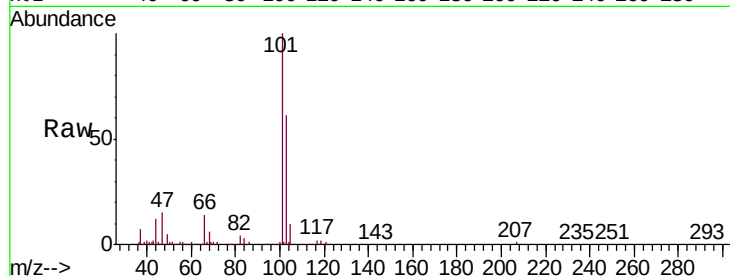


#7

Trichlorofluoromethane
 Concen: 18.747 ug/l
 RT: 3.00 min Scan# 382
 Delta R.T. 0.00 min
 Lab File: VN057517.D
 Acq: 26 Aug 2019 18:15

Instrument :
 MSVOA_N
 ClientSampled :
 VN0826WBS02

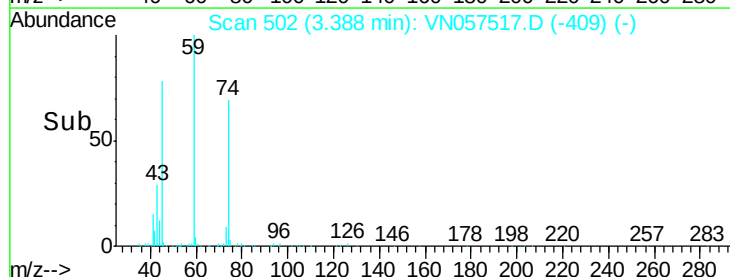
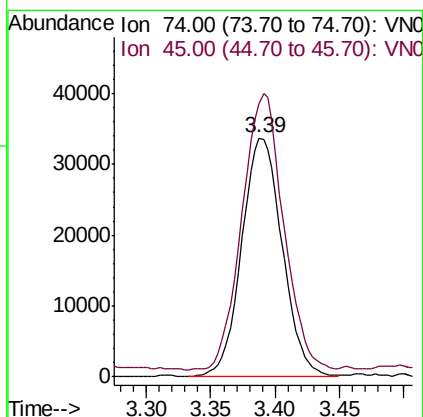
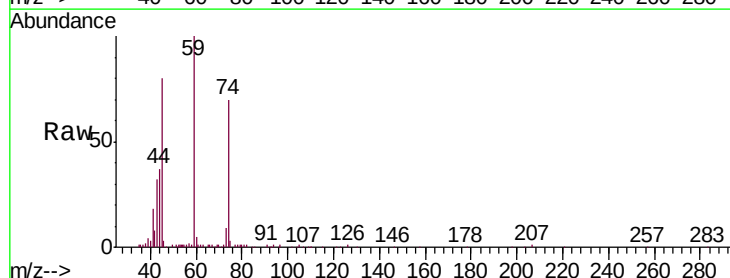
Tgt Ion:101 Resp: 206614
 Ion Ratio Lower Upper
 101 100
 103 60.8 52.6 78.8

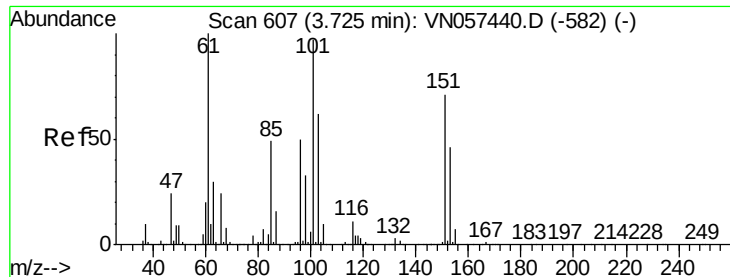


#8

Diethyl Ether
 Concen: 19.081 ug/l
 RT: 3.39 min Scan# 502
 Delta R.T. 0.00 min
 Lab File: VN057517.D
 Acq: 26 Aug 2019 18:15

Tgt Ion: 74 Resp: 74079
 Ion Ratio Lower Upper
 74 100
 45 118.1 57.9 173.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.649 ug/l

RT: 3.73 min Scan# 607

Delta R.T. 0.00 min

Lab File: VN057517.D

Acq: 26 Aug 2019 18:15

Instrument :

MSVOA_N

ClientSampleId :

VN0826WBS02

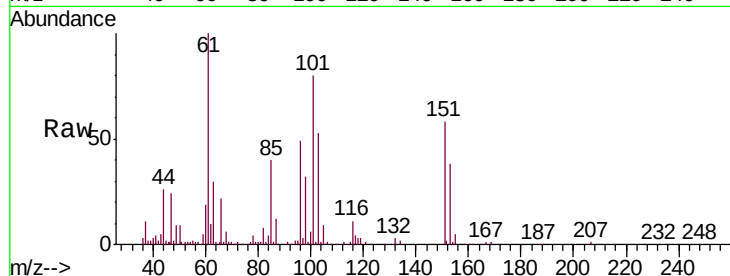
Tgt Ion:101 Resp: 111307

Ion Ratio Lower Upper

101 100

85 50.1 40.0 60.0

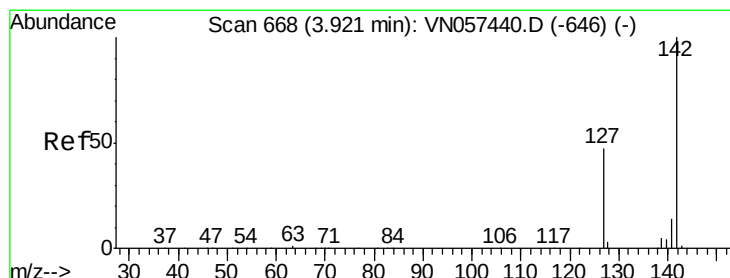
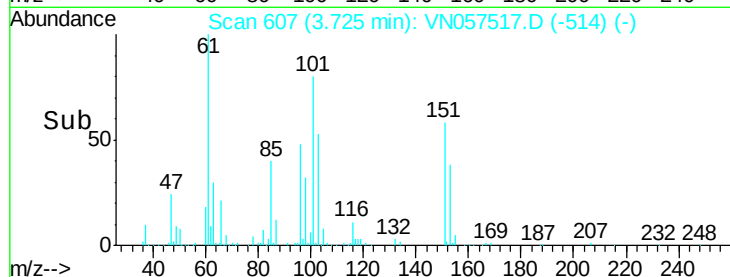
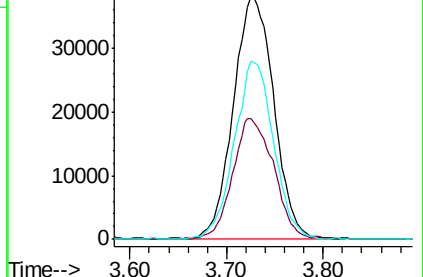
151 70.8 57.0 85.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.303 ug/l

RT: 3.92 min Scan# 668

Delta R.T. 0.00 min

Lab File: VN057517.D

Acq: 26 Aug 2019 18:15

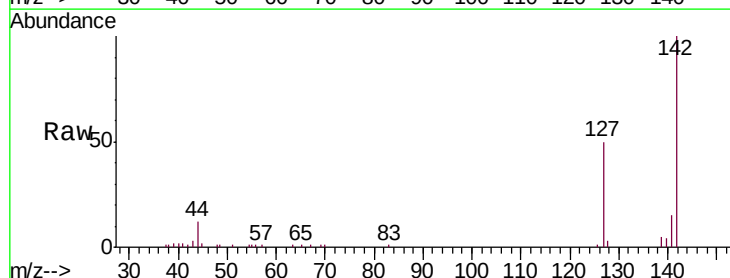
Tgt Ion:142 Resp: 73369

Ion Ratio Lower Upper

142 100

127 47.9 37.8 56.8

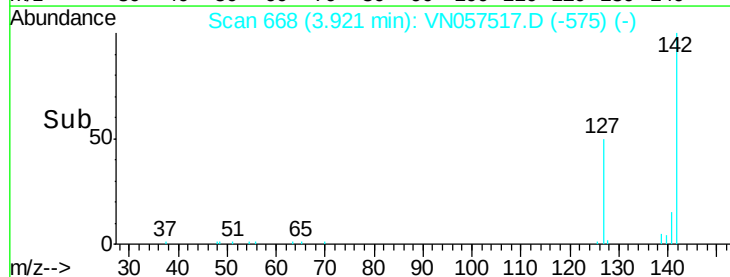
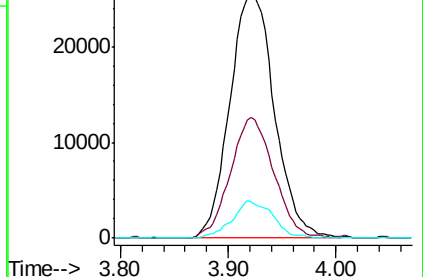
141 13.9 11.9 17.9

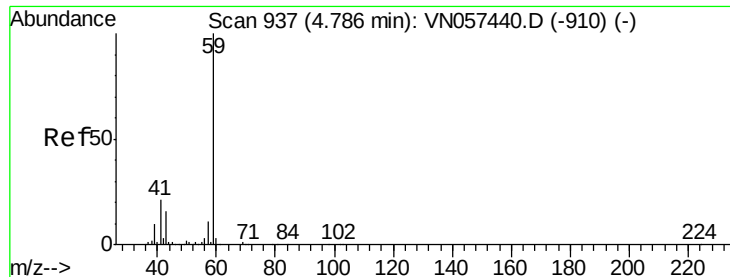


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

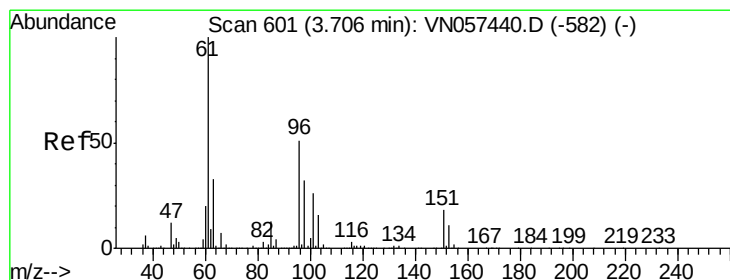
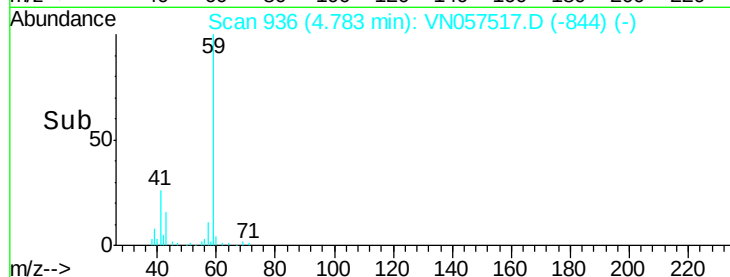
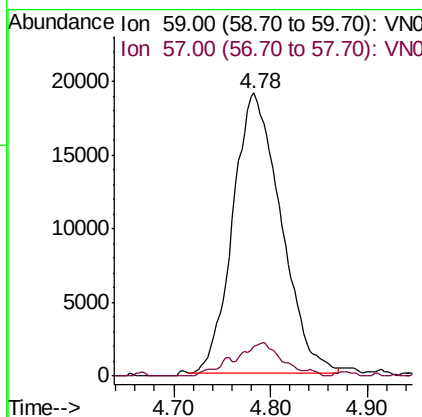
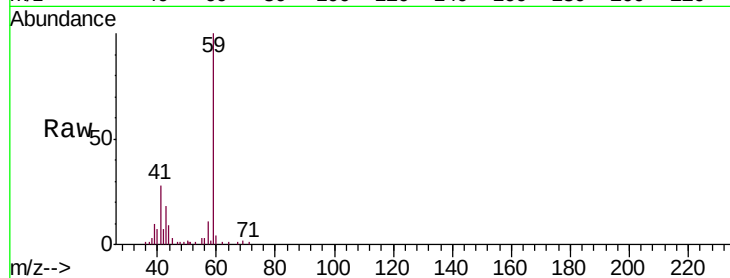




#11
Tert butyl alcohol
Concen: 86.904 ug/l
RT: 4.78 min Scan# 936
Delta R.T. -0.00 min
Lab File: VN057517.D
Acq: 26 Aug 2019 18:15

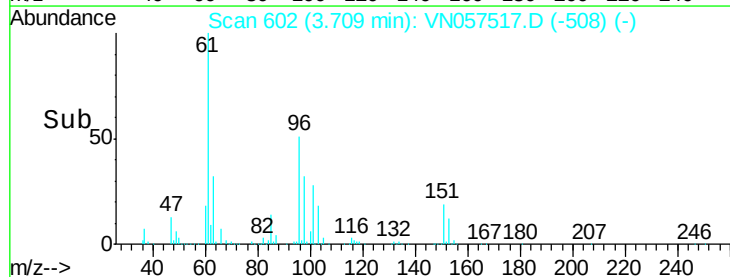
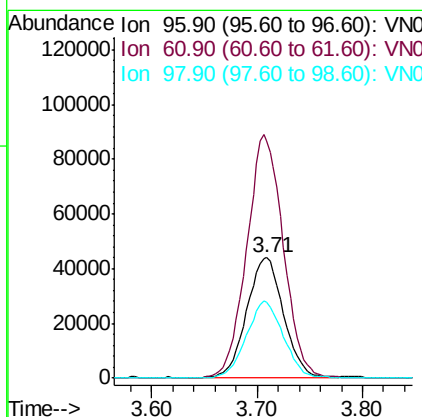
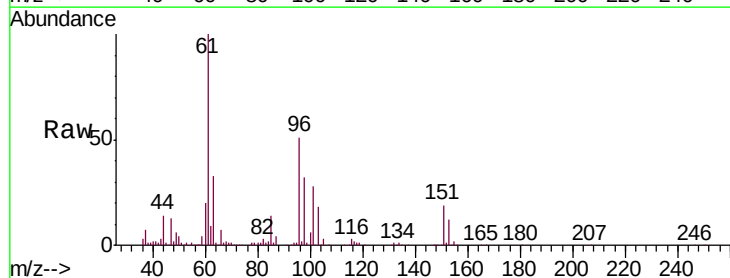
Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS02

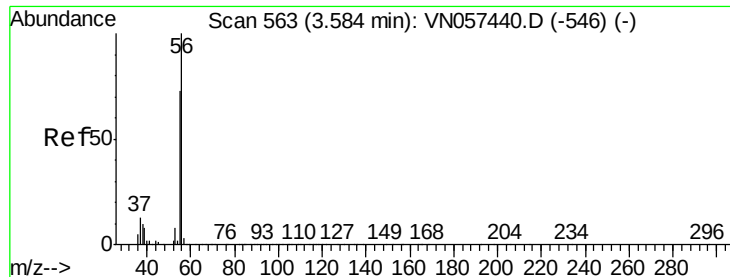
Tgt Ion: 59 Resp: 65740
Ion Ratio Lower Upper
59 100
57 7.4 9.1 13.7#



#12
1,1-Dichloroethene
Concen: 18.084 ug/l
RT: 3.71 min Scan# 602
Delta R.T. 0.00 min
Lab File: VN057517.D
Acq: 26 Aug 2019 18:15

Tgt Ion: 96 Resp: 106533
Ion Ratio Lower Upper
96 100
61 196.8 155.3 232.9
98 62.8 50.2 75.2





#13

Acrolein

Concen: 100.590 ug/l

RT: 3.59 min Scan# 564

Delta R.T. 0.00 min

Lab File: VN057517.D

Acq: 26 Aug 2019 18:15

Instrument :

MSVOA_N

ClientSampleId :

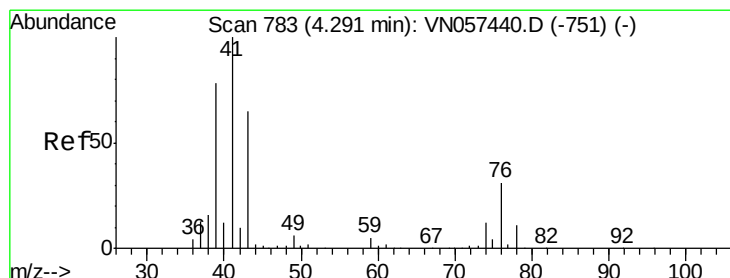
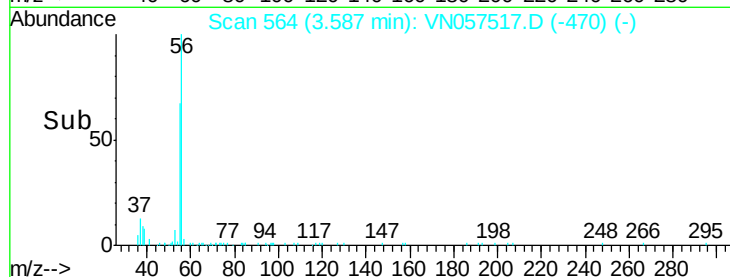
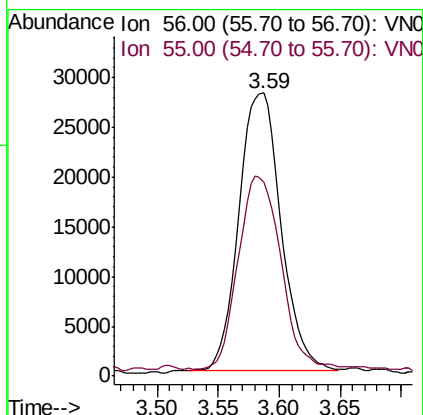
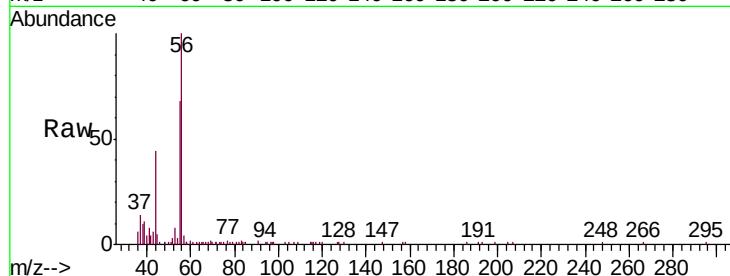
VN0826WBS02

Tgt Ion: 56 Resp: 66910

Ion Ratio Lower Upper

56 100

55 70.2 59.0 88.4



#14

Allyl chloride

Concen: 18.483 ug/l

RT: 4.29 min Scan# 783

Delta R.T. 0.00 min

Lab File: VN057517.D

Acq: 26 Aug 2019 18:15

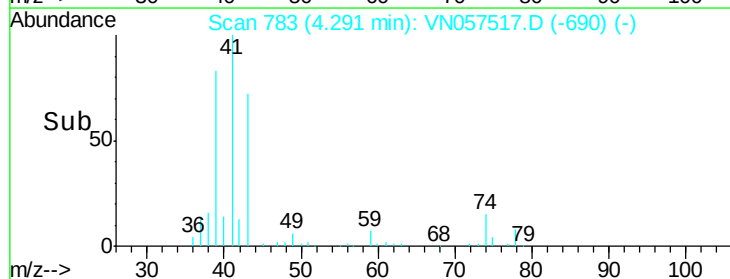
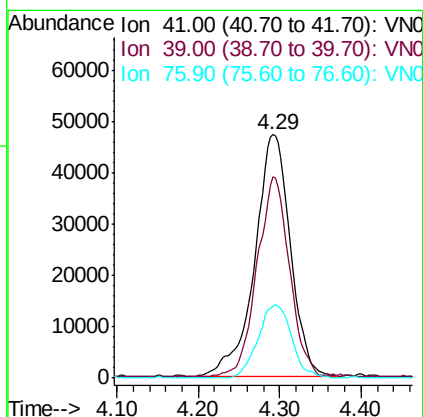
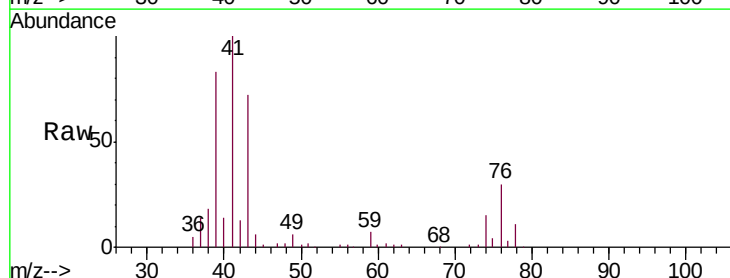
Tgt Ion: 41 Resp: 144034

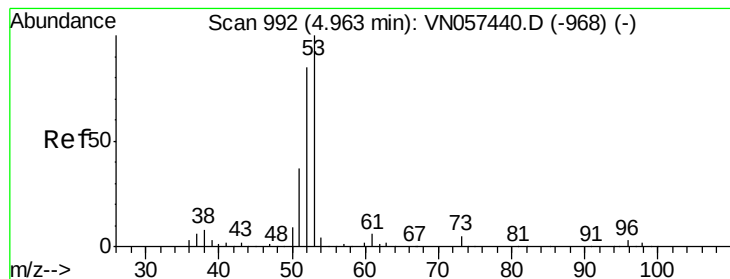
Ion Ratio Lower Upper

41 100

39 74.2 57.4 86.2

76 28.6 22.9 34.3





#15

Acrylonitrile

Concen: 95.752 ug/l

RT: 4.96 min Scan# 992

Delta R.T. 0.00 min

Lab File: VN057517.D

Acq: 26 Aug 2019 18:15

Instrument :

MSVOA_N

ClientSampleId :

VN0826WBS02

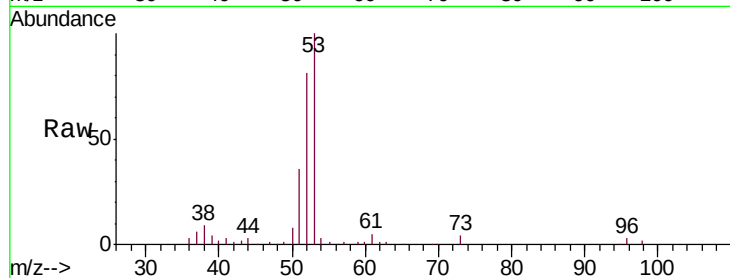
Tgt Ion: 53 Resp: 195337

Ion Ratio Lower Upper

53 100

52 82.7 67.0 100.6

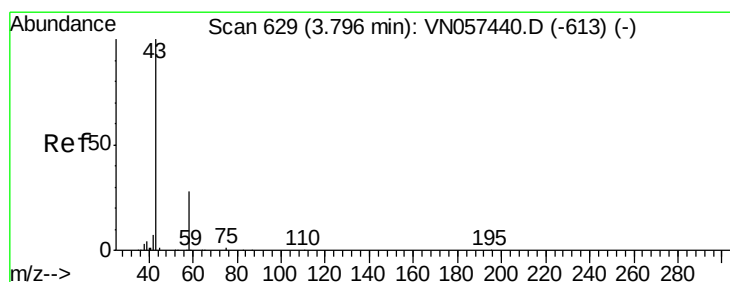
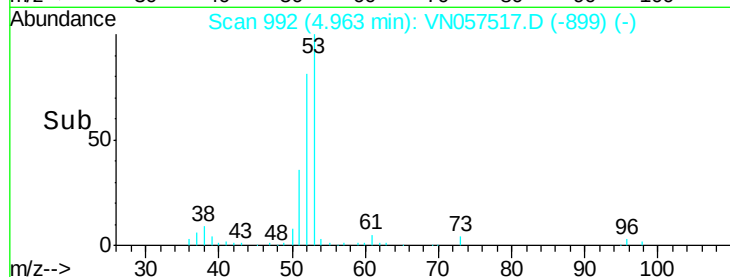
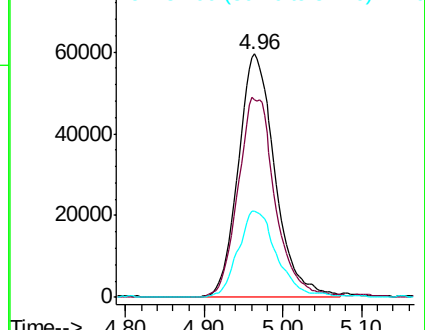
51 37.6 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 106.585 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.00 min

Lab File: VN057517.D

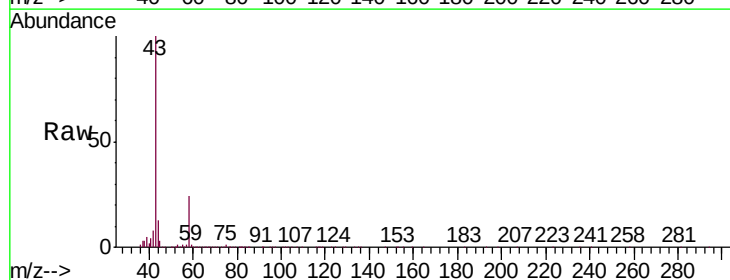
Acq: 26 Aug 2019 18:15

Tgt Ion: 43 Resp: 298017

Ion Ratio Lower Upper

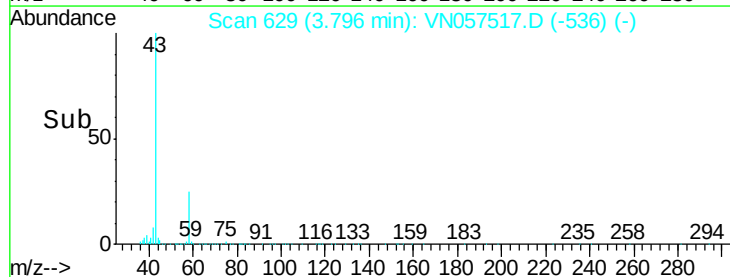
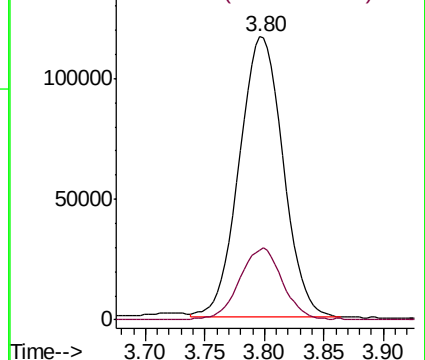
43 100

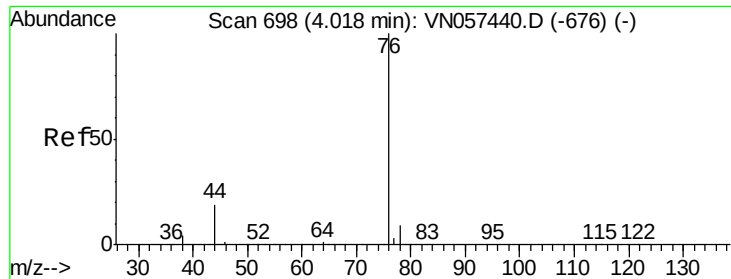
58 24.3 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 15.955 ug/l

RT: 4.02 min Scan# 698

Delta R.T. 0.00 min

Lab File: VN057517.D

Acq: 26 Aug 2019 18:15

Instrument :

MSVOA_N

ClientSampleId :

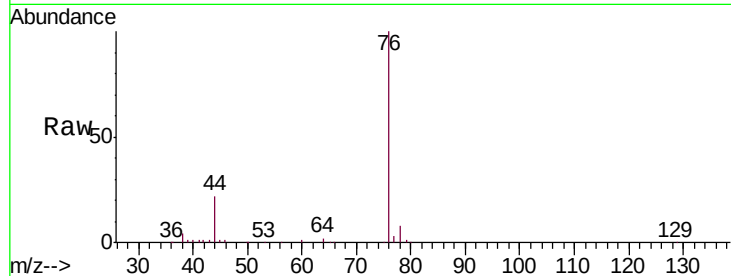
VN0826WBS02

Tgt Ion: 76 Resp: 179302

Ion Ratio Lower Upper

76 100

78 8.2 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

4.02

80000

60000

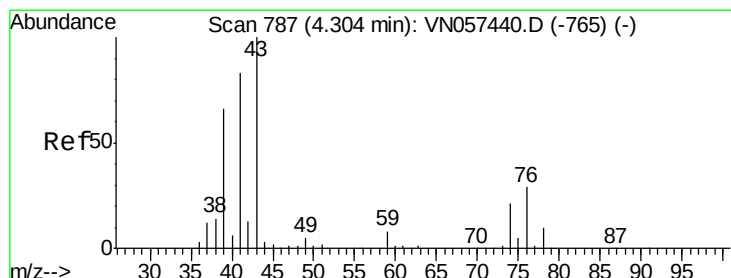
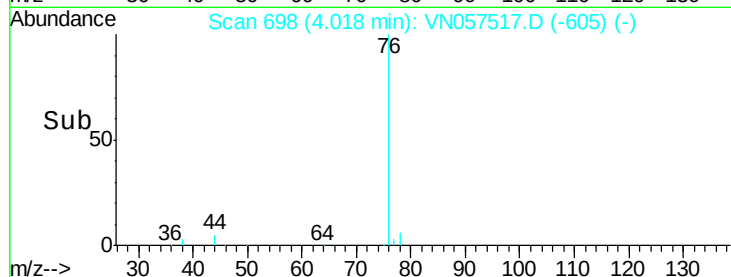
40000

20000

0

Time-->

3.90 4.00 4.10



#18

Methyl Acetate

Concen: 21.276 ug/l

RT: 4.31 min Scan# 788

Delta R.T. 0.00 min

Lab File: VN057517.D

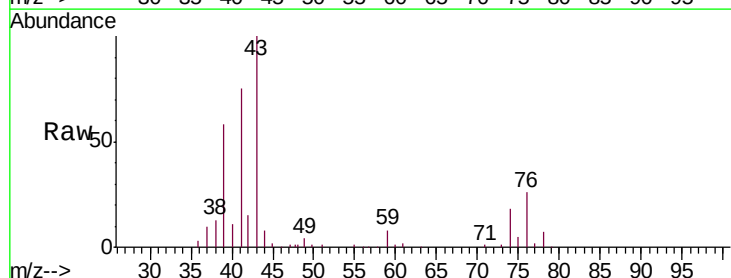
Acq: 26 Aug 2019 18:15

Tgt Ion: 43 Resp: 131685

Ion Ratio Lower Upper

43 100

74 19.4 15.9 23.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.31

50000

40000

30000

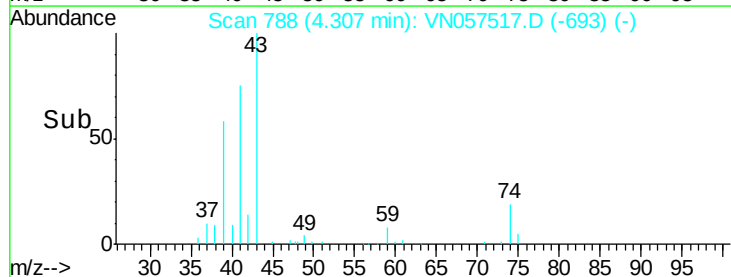
20000

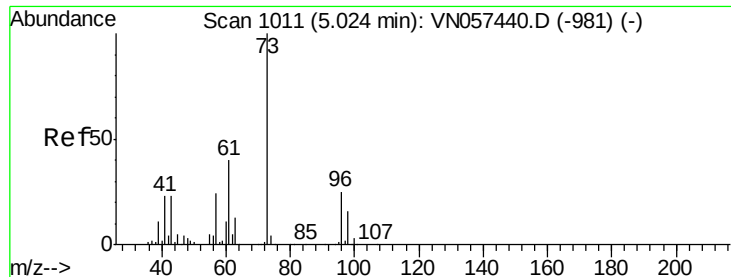
10000

0

Time-->

4.20 4.30 4.40

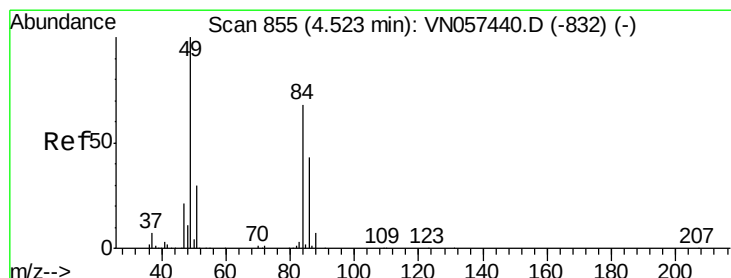
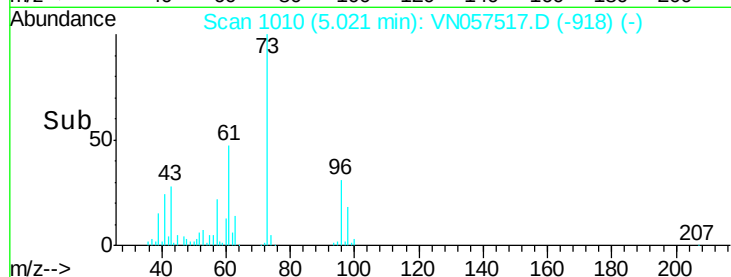
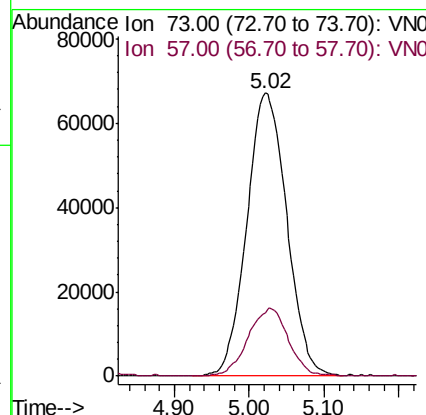
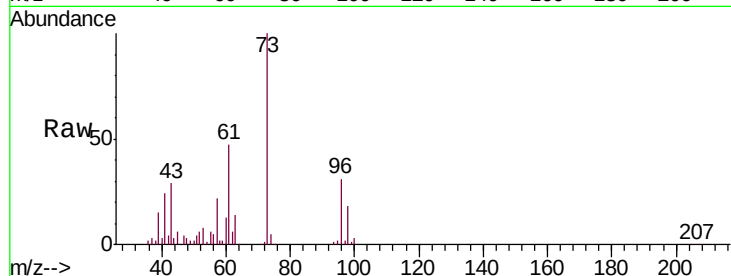




#19
Methyl tert-butyl Ether
Concen: 17.554 ug/l
RT: 5.02 min Scan# 1010
Delta R.T. -0.00 min
Lab File: VN057517.D
Acq: 26 Aug 2019 18:15

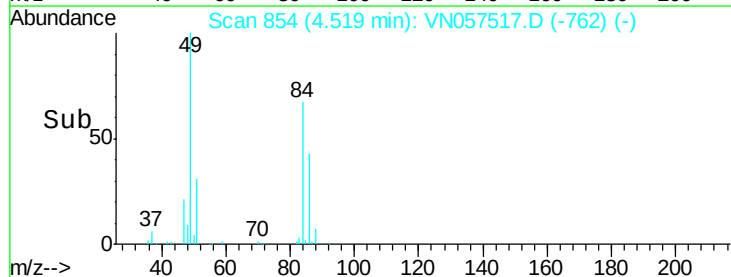
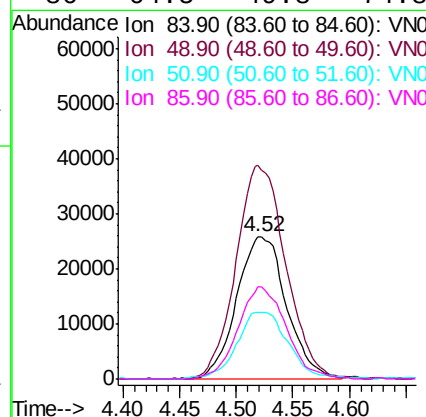
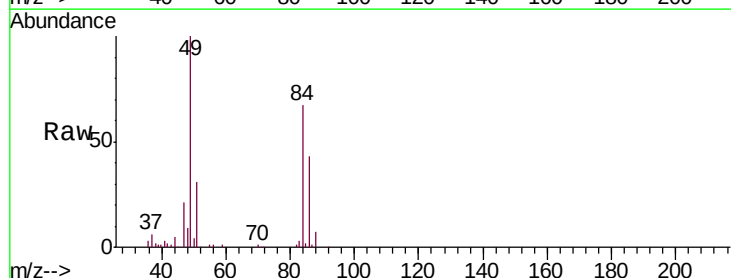
Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS02

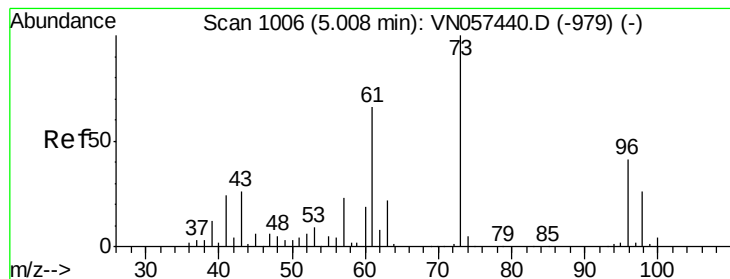
Tgt Ion: 73 Resp: 249629
Ion Ratio Lower Upper
73 100
57 22.4 19.1 28.7



#20
Methylene Chloride
Concen: 19.023 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN057517.D
Acq: 26 Aug 2019 18:15

Tgt Ion: 84 Resp: 79054
Ion Ratio Lower Upper
84 100
49 148.5 117.0 175.4
51 45.1 35.5 53.3
86 64.5 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 17.813 ug/l

RT: 5.01 min Scan# 1006

Delta R.T. 0.00 min

Lab File: VN057517.D

Acq: 26 Aug 2019 18:15

Instrument :

MSVOA_N

ClientSampled :

VN0826WBS02

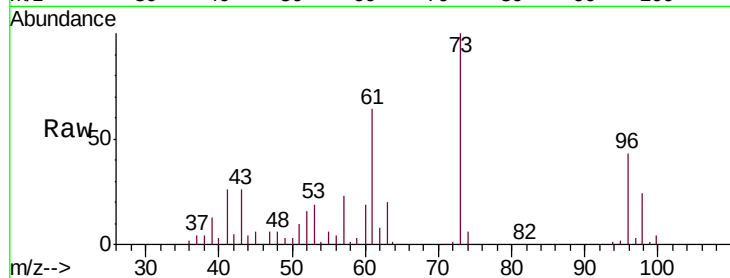
Tgt Ion: 96 Resp: 74050

Ion Ratio Lower Upper

96 100

61 149.4 127.9 191.9

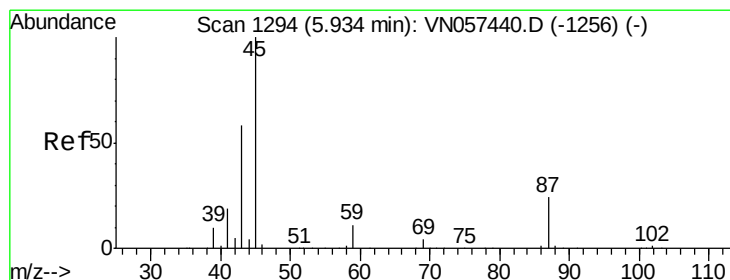
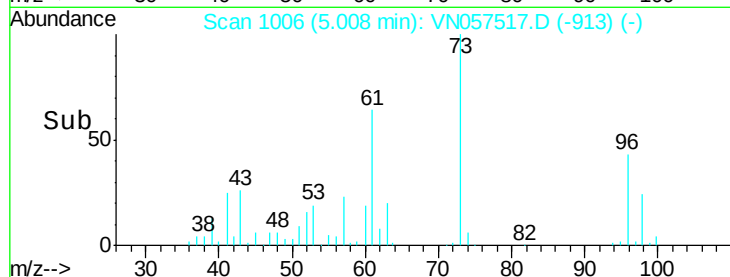
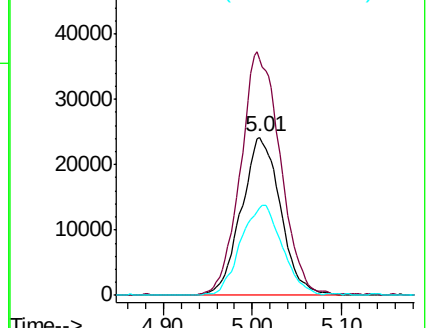
98 55.0 50.6 76.0



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 18.845 ug/l

RT: 5.93 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VN057517.D

Acq: 26 Aug 2019 18:15

Tgt Ion: 45 Resp: 314982

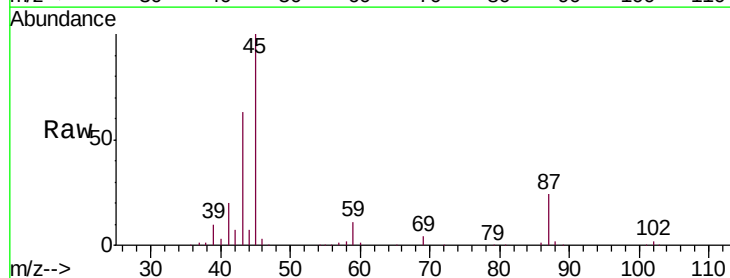
Ion Ratio Lower Upper

45 100

43 61.2 46.9 70.3

87 24.0 19.3 28.9

59 10.7 8.7 13.1

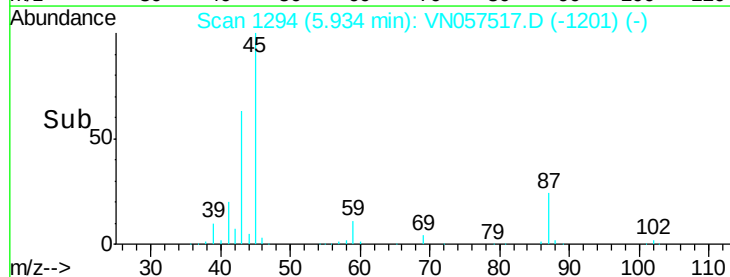
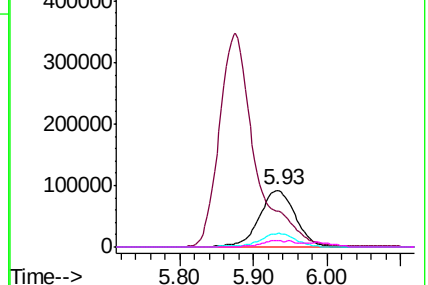


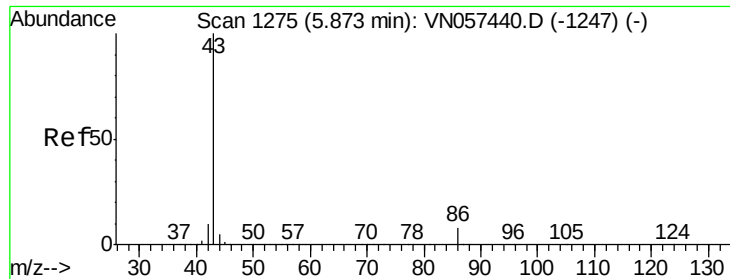
Abundance Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 89.605 ug/l

RT: 5.88 min Scan# 1276

Delta R.T. 0.00 min

Lab File: VN057517.D

Acq: 26 Aug 2019 18:15

Instrument :

MSVOA_N

ClientSampleId :

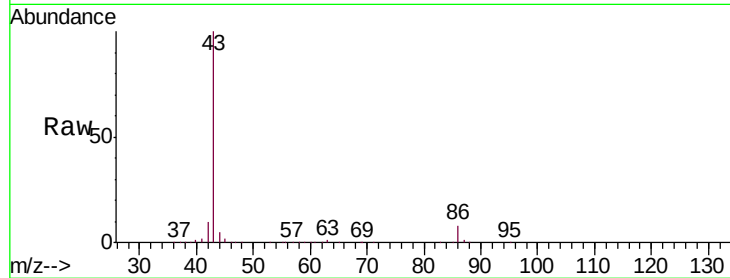
VN0826WBS02

Tgt Ion: 43 Resp: 1169811

Ion Ratio Lower Upper

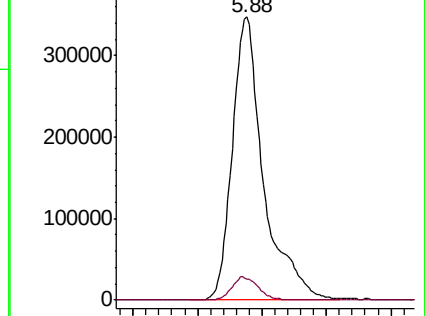
43 100

86 7.6 6.7 10.1

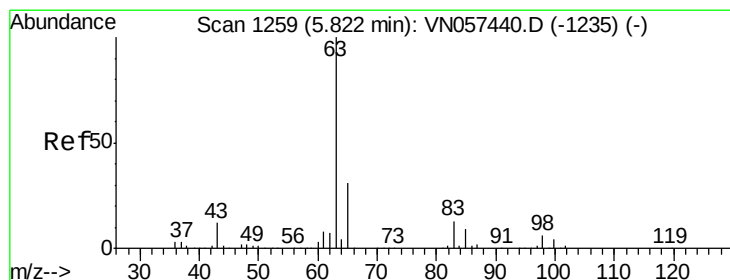
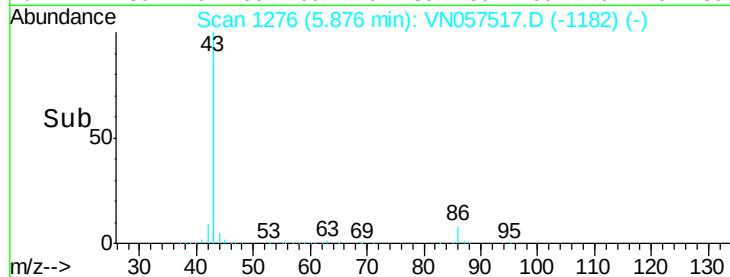


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



Time-->



#24

1,1-Dichloroethane

Concen: 18.506 ug/l

RT: 5.82 min Scan# 1260

Delta R.T. 0.00 min

Lab File: VN057517.D

Acq: 26 Aug 2019 18:15

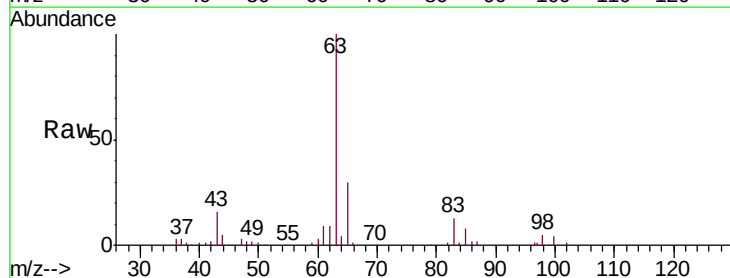
Tgt Ion: 63 Resp: 163927

Ion Ratio Lower Upper

63 100

98 5.0 2.9 8.6

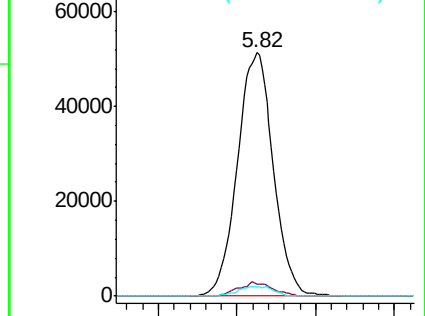
100 4.0 2.1 6.3



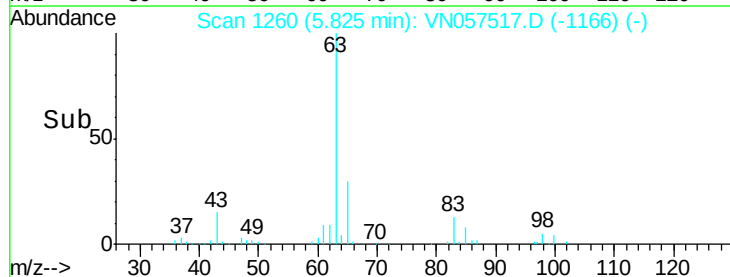
Abundance Ion 62.90 (62.60 to 63.60): VN0

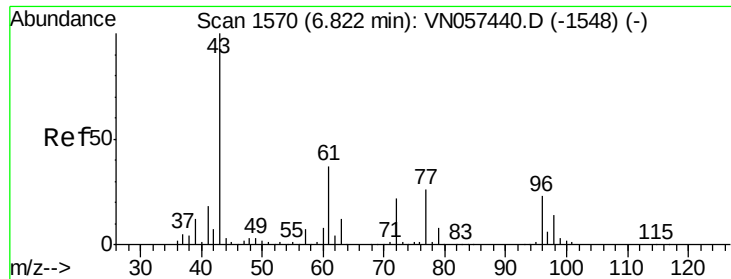
Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0



Time-->





#25

2-Butanone

Concen: 90.225 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. 0.00 min

Lab File: VN057517.D

Acq: 26 Aug 2019 18:15

Instrument :

MSVOA_N

ClientSampled :

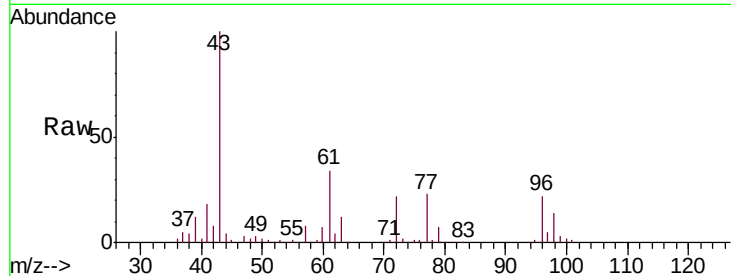
VN0826WBS02

Tgt Ion: 43 Resp: 273935

Ion Ratio Lower Upper

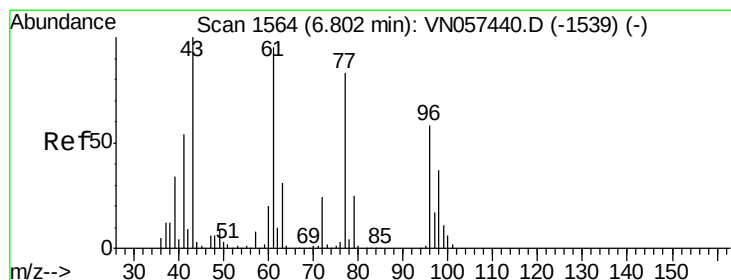
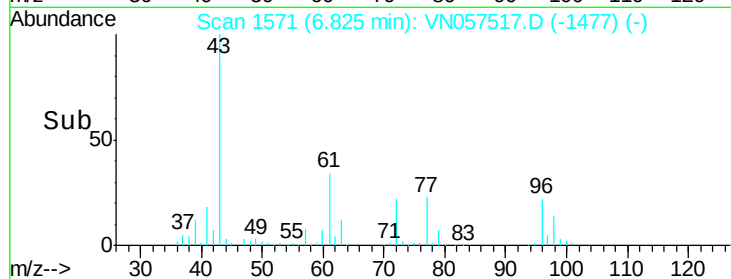
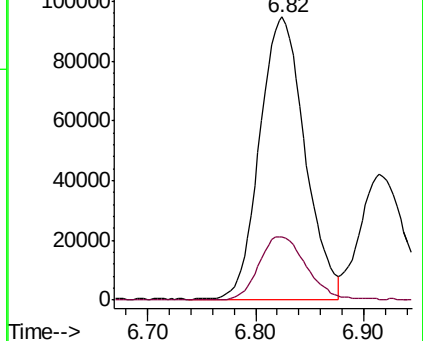
43 100

72 22.3 17.8 26.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 16.518 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. 0.00 min

Lab File: VN057517.D

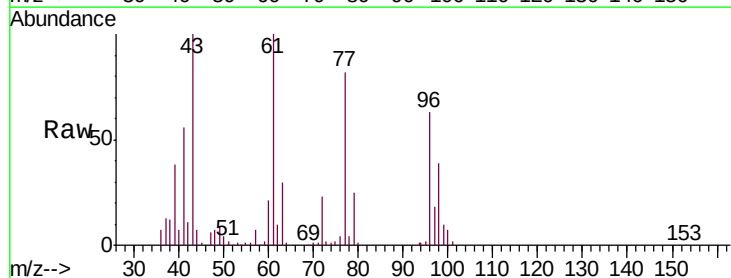
Acq: 26 Aug 2019 18:15

Tgt Ion: 77 Resp: 126711

Ion Ratio Lower Upper

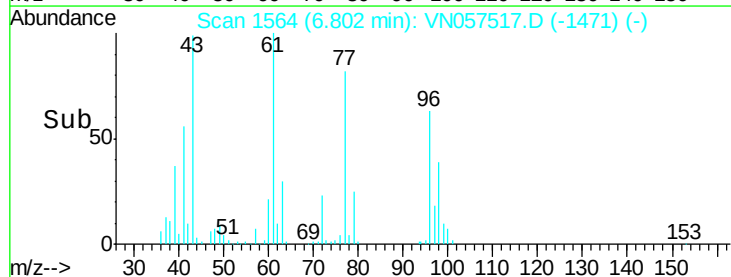
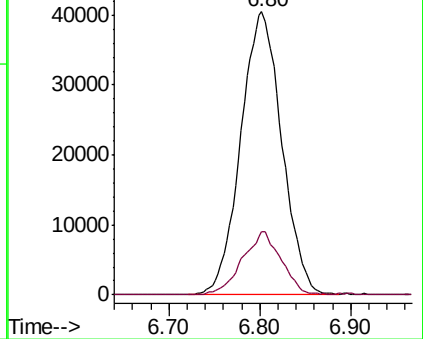
77 100

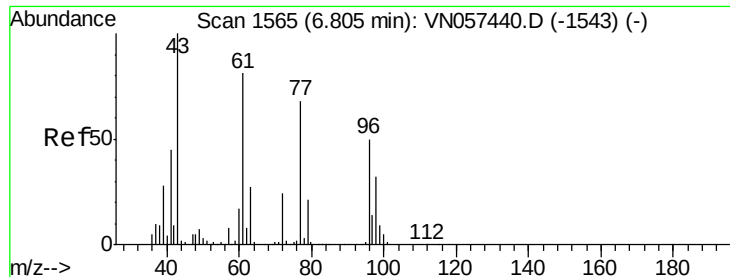
97 21.2 10.8 32.3



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0

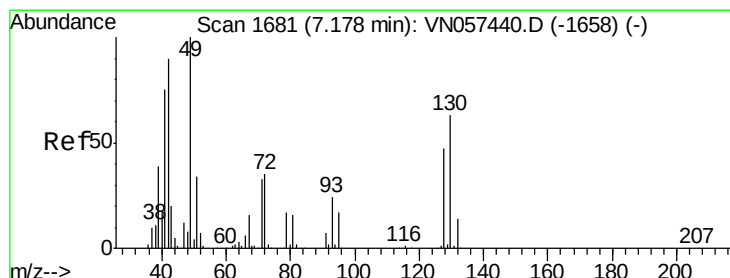
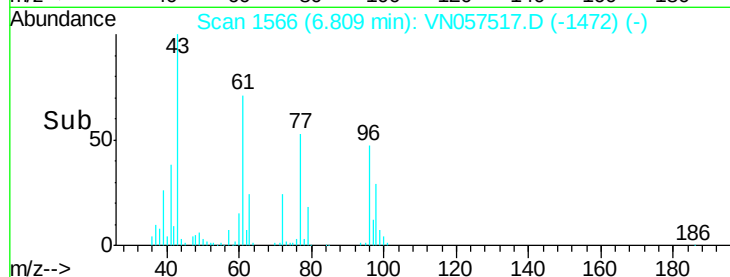
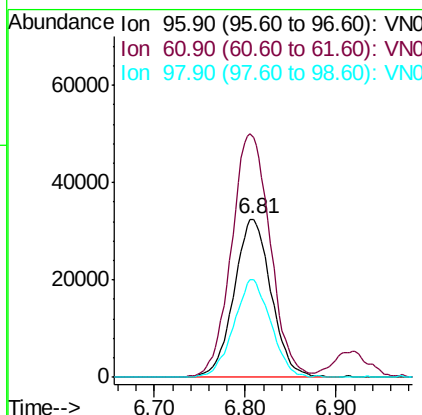
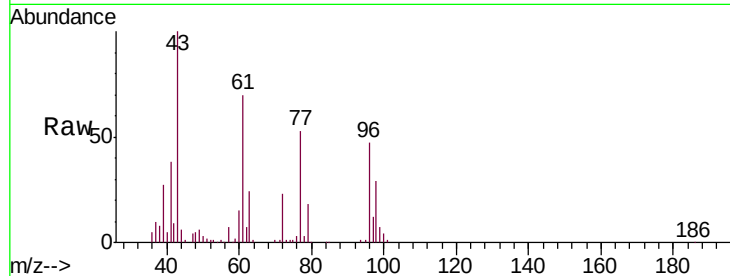




#27
 cis-1,2-Dichloroethene
 Concen: 18.735 ug/l
 RT: 6.81 min Scan# 1566
 Delta R.T. 0.00 min
 Lab File: VN057517.D
 Acq: 26 Aug 2019 18:15

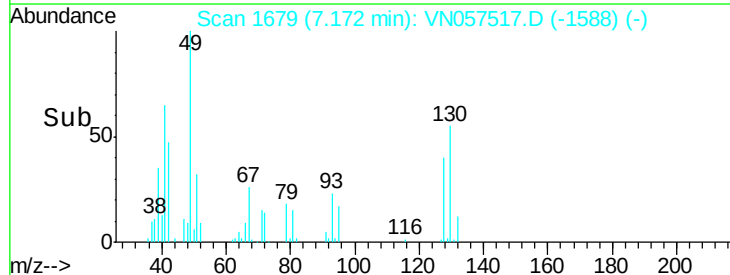
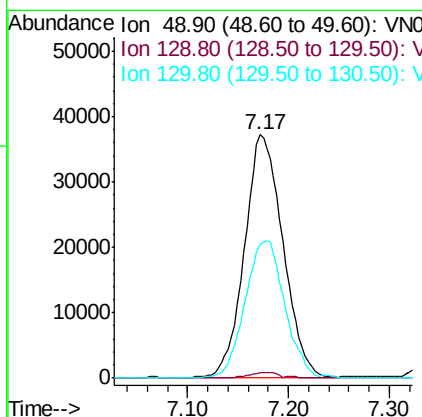
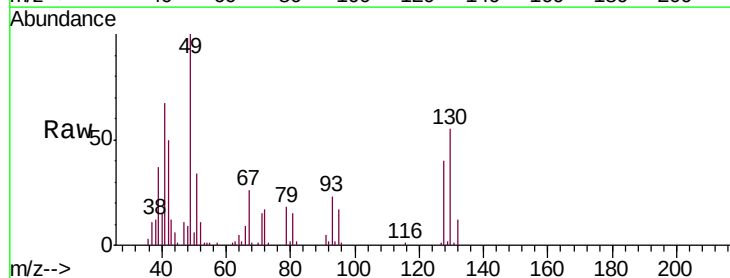
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0826WBS02

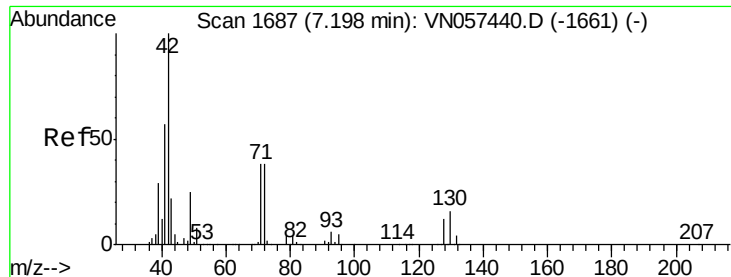
Tgt Ion: 96 Resp: 92326
 Ion Ratio Lower Upper
 96 100
 61 160.2 0.0 334.8
 98 61.3 0.0 127.4



#28
 Bromochloromethane
 Concen: 20.651 ug/l
 RT: 7.17 min Scan# 1679
 Delta R.T. -0.01 min
 Lab File: VN057517.D
 Acq: 26 Aug 2019 18:15

Tgt Ion: 49 Resp: 98514
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 3.6
 130 57.9 48.6 72.8

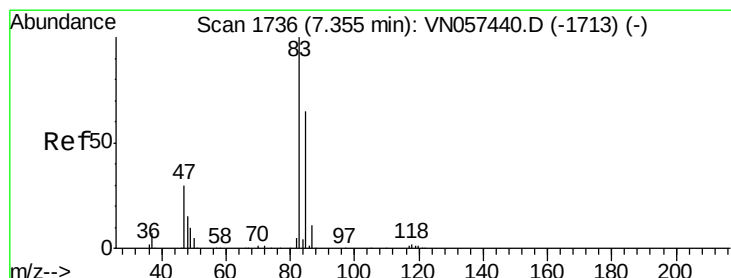
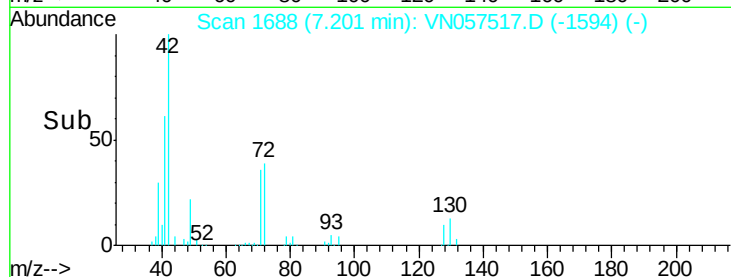
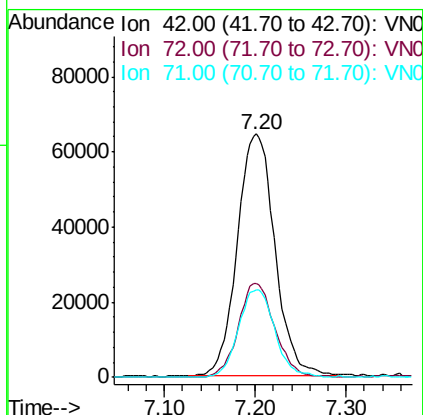
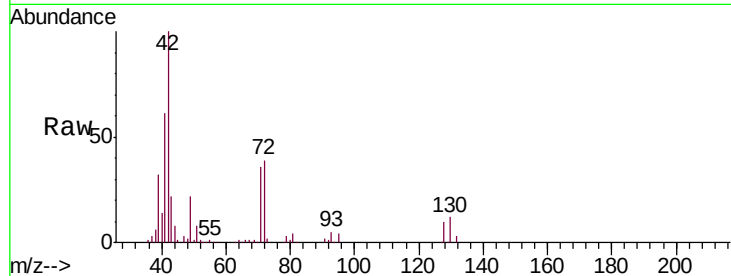




#29
Tetrahydrofuran
Concen: 92.187 ug/l
RT: 7.20 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VN057517.D
Acq: 26 Aug 2019 18:15

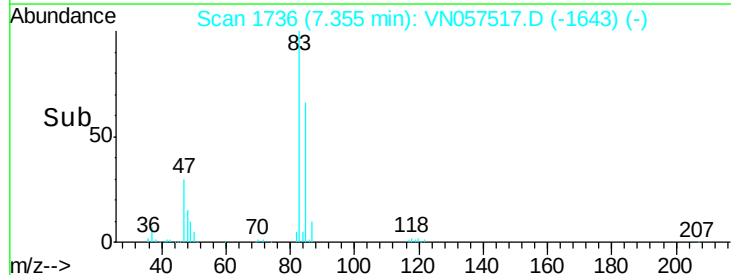
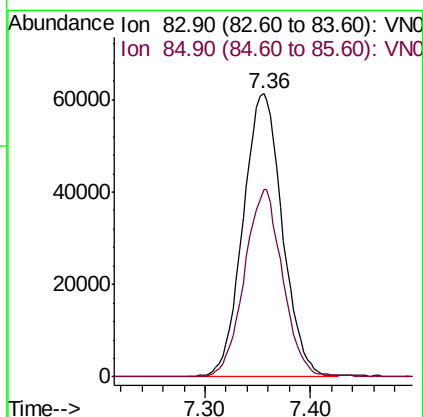
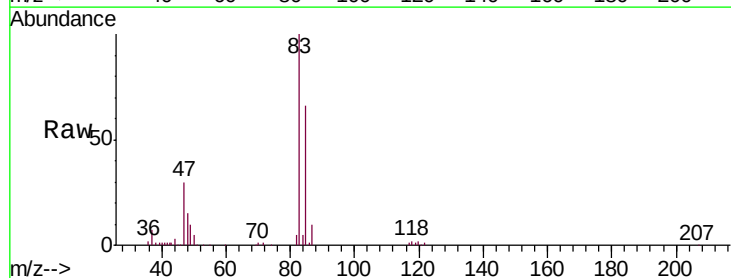
Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS02

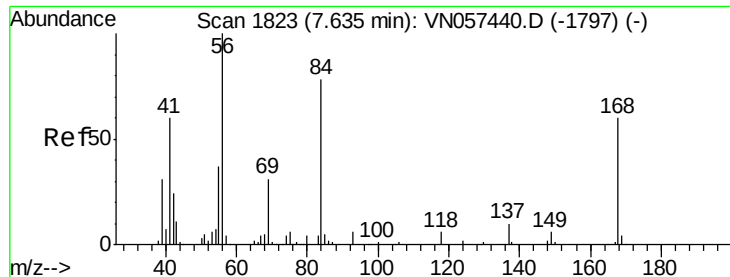
Tgt Ion: 42 Resp: 184560
Ion Ratio Lower Upper
42 100
72 37.9 30.1 45.1
71 35.3 28.8 43.2



#30
Chloroform
Concen: 19.382 ug/l
RT: 7.36 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VN057517.D
Acq: 26 Aug 2019 18:15

Tgt Ion: 83 Resp: 158928
Ion Ratio Lower Upper
83 100
85 66.1 51.9 77.9

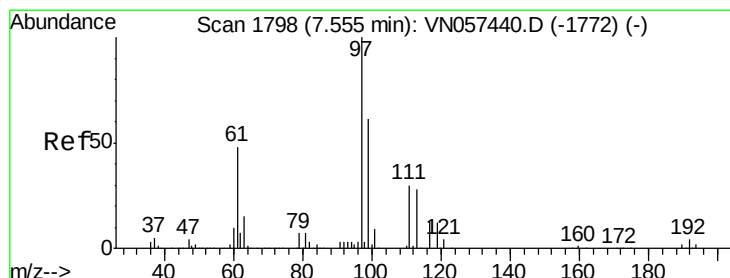
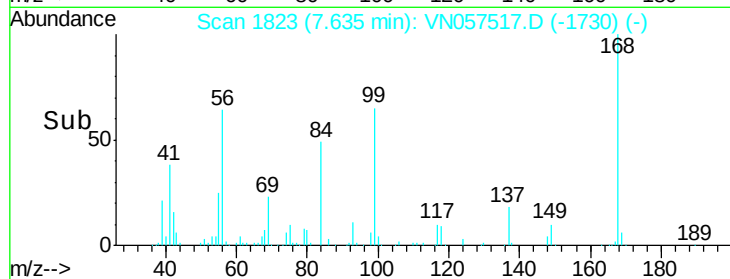
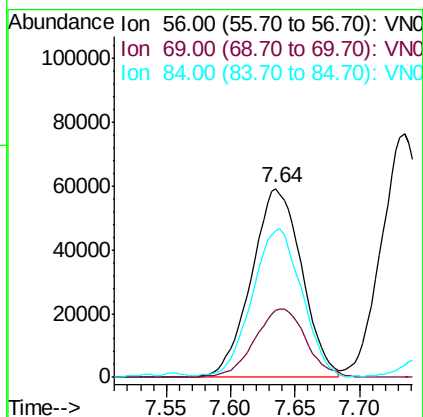
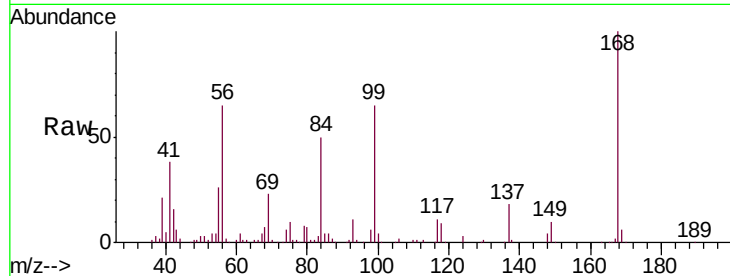




#31
Cyclohexane
Concen: 18.787 ug/l
RT: 7.64 min Scan# 1823
Delta R.T. 0.00 min
Lab File: VN057517.D
Acq: 26 Aug 2019 18:15

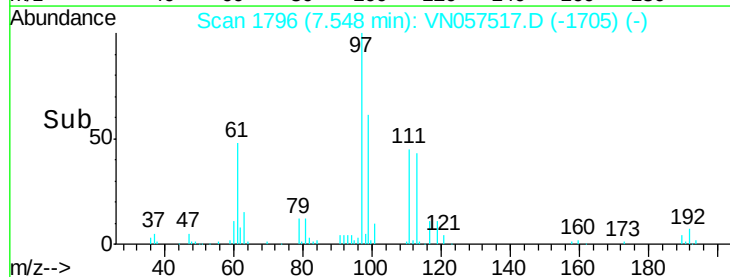
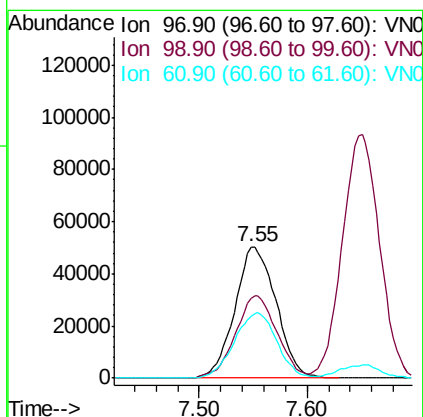
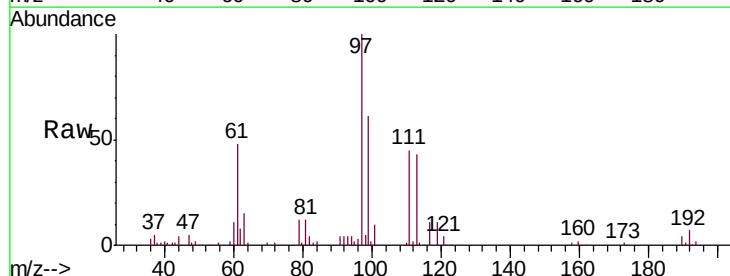
Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS02

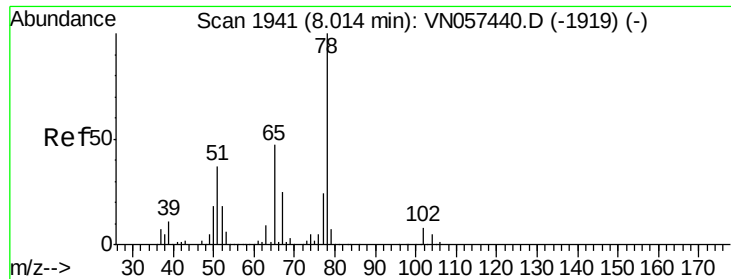
Tgt Ion: 56 Resp: 160674
Ion Ratio Lower Upper
56 100
69 35.4 25.0 37.6
84 76.5 62.5 93.7



#32
1,1,1-Trichloroethane
Concen: 17.554 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. -0.01 min
Lab File: VN057517.D
Acq: 26 Aug 2019 18:15

Tgt Ion: 97 Resp: 133387
Ion Ratio Lower Upper
97 100
99 63.1 51.0 76.6
61 51.7 39.8 59.6

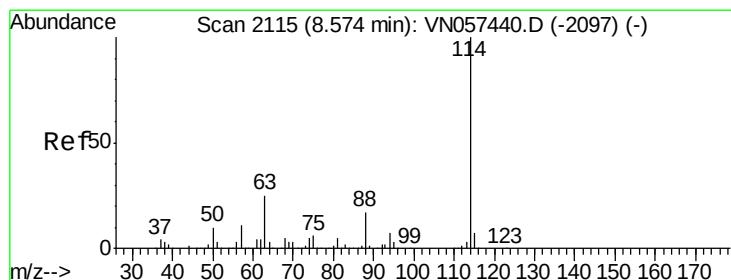
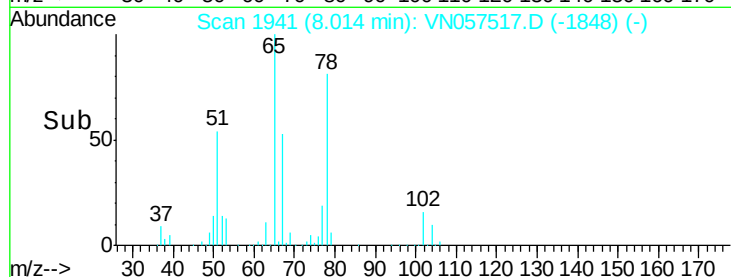
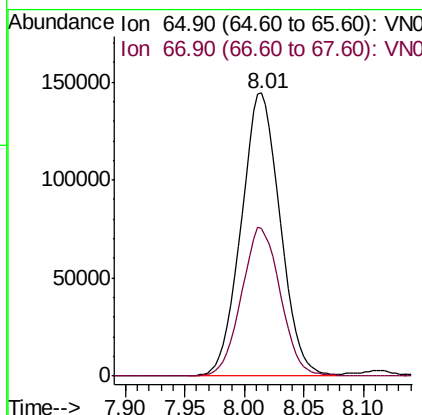
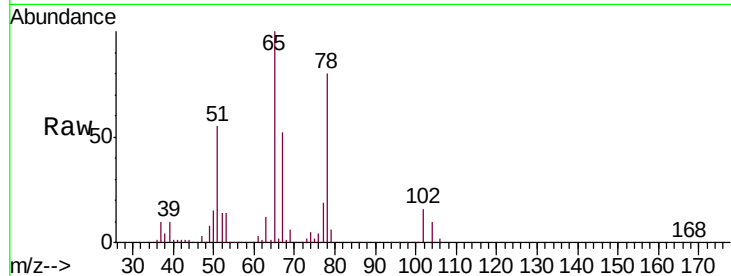




#33
 1,2-Dichloroethane-d4
 Concen: 53.965 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN057517.D
 Acq: 26 Aug 2019 18:15

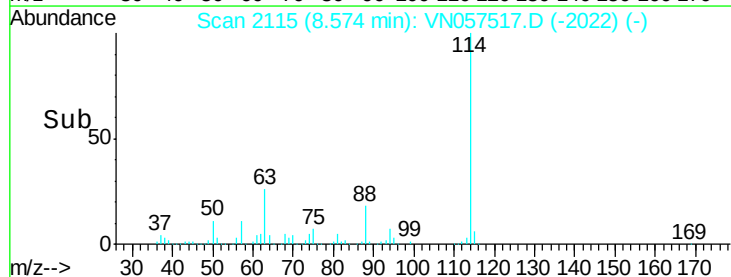
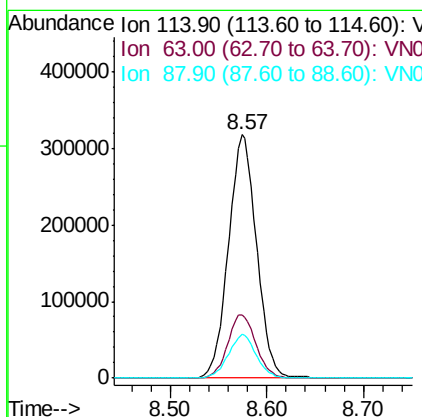
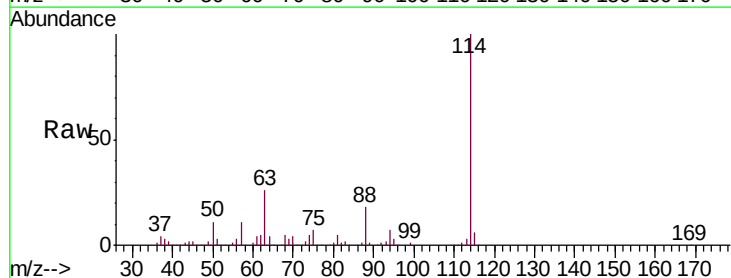
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0826WBS02

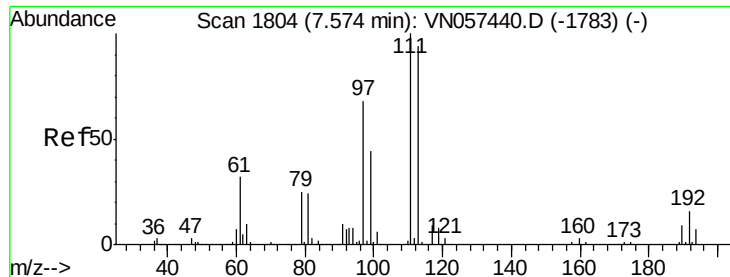
Tgt Ion: 65 Resp: 328564
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN057517.D
 Acq: 26 Aug 2019 18:15

Tgt Ion: 114 Resp: 640400
 Ion Ratio Lower Upper
 114 100
 63 26.2 0.0 50.2
 88 17.8 0.0 34.6

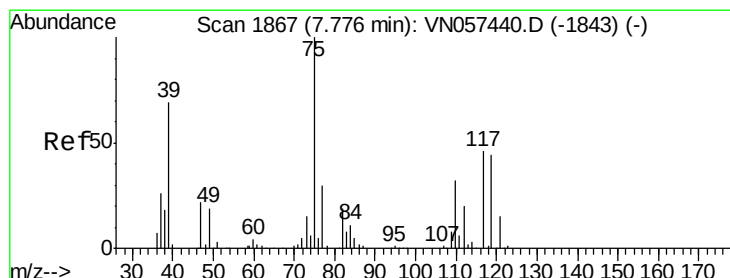
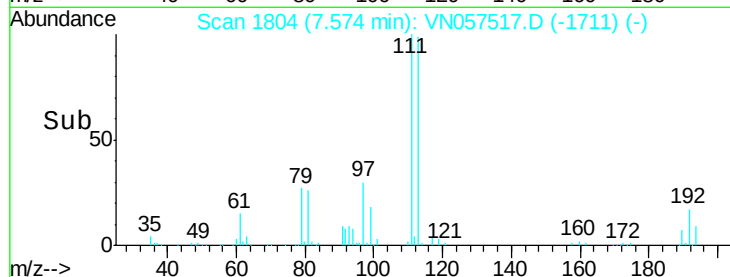
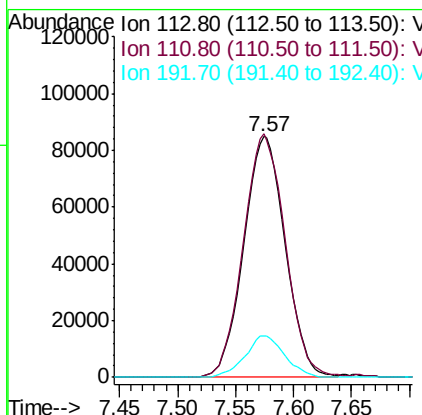
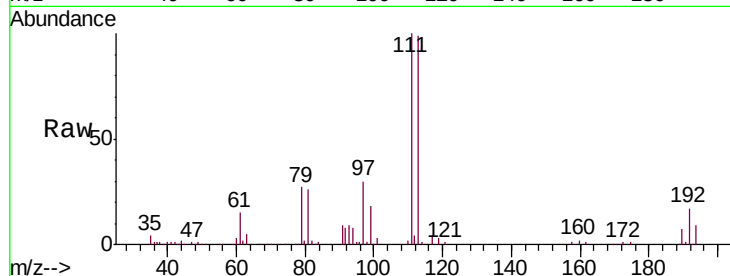




#35
 Dibromofluoromethane
 Concen: 48.809 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN057517.D
 Acq: 26 Aug 2019 18:15

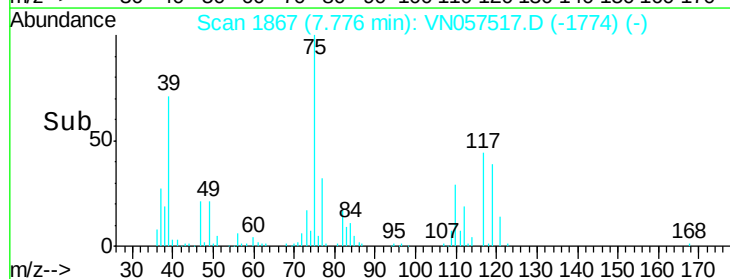
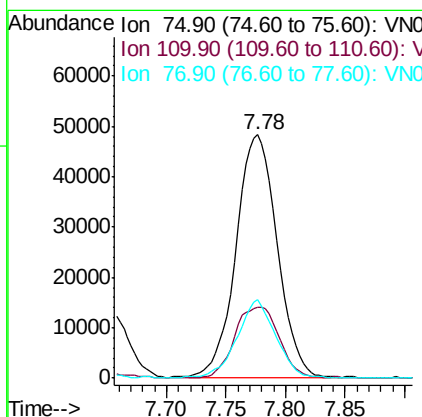
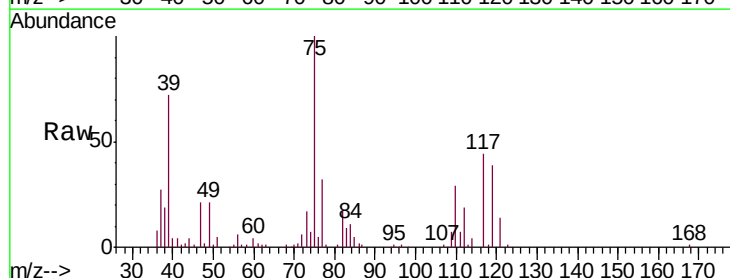
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0826WBS02

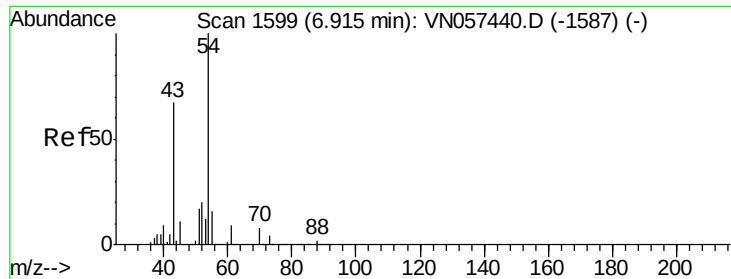
Tgt Ion: 113 Resp: 211128
 Ion Ratio Lower Upper
 113 100
 111 102.1 83.8 125.6
 192 16.5 13.5 20.3



#36
 1,1-Dichloropropene
 Concen: 17.586 ug/l
 RT: 7.78 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN057517.D
 Acq: 26 Aug 2019 18:15

Tgt Ion: 75 Resp: 115078
 Ion Ratio Lower Upper
 75 100
 110 31.9 16.1 48.3
 77 30.7 24.8 37.2

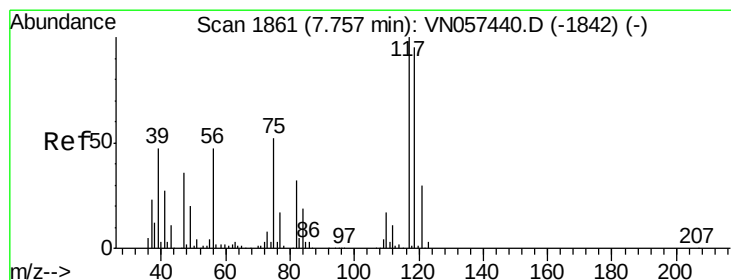
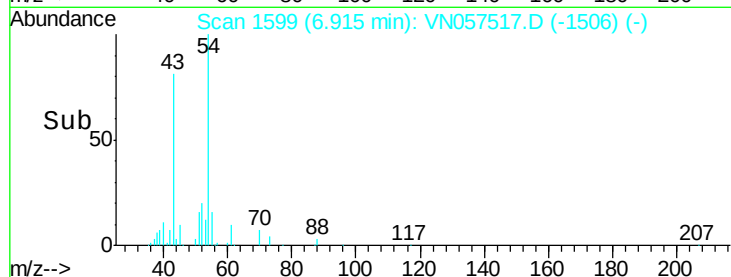
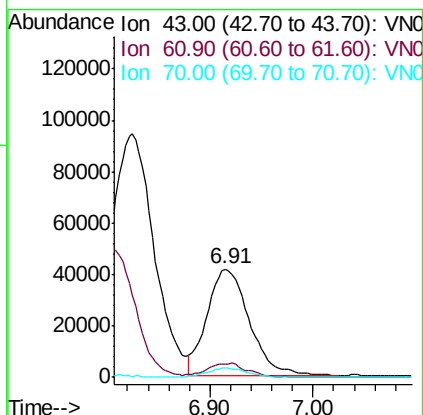
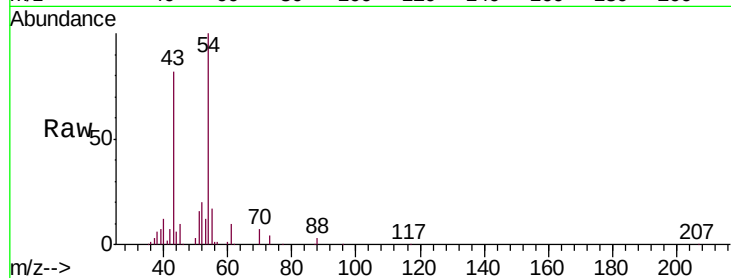




#37
Ethyl Acetate
Concen: 18.562 ug/l
RT: 6.91 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VN057517.D
Acq: 26 Aug 2019 18:15

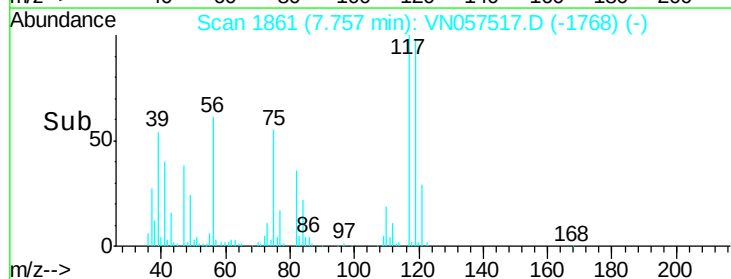
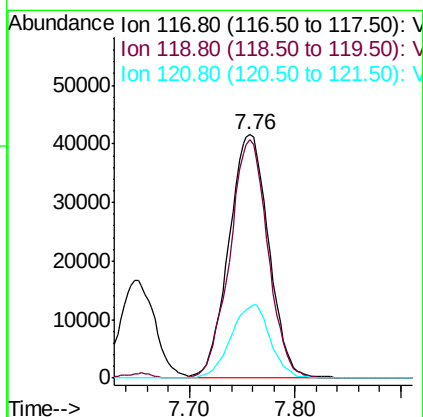
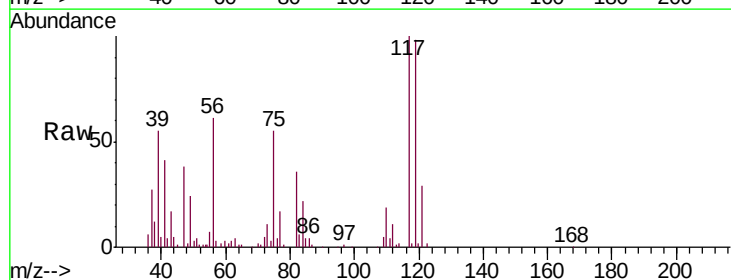
Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS02

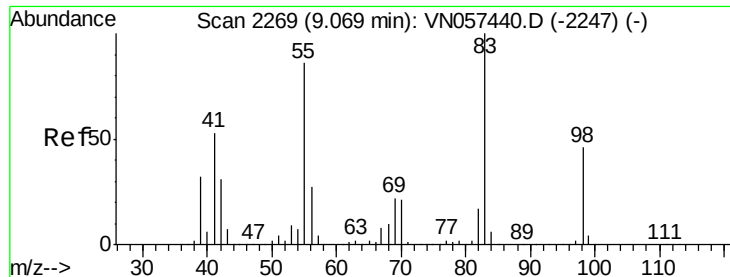
Tgt Ion: 43 Resp: 120024
Ion Ratio Lower Upper
43 100
61 11.2 9.9 14.9
70 8.1 7.0 10.6



#38
Carbon Tetrachloride
Concen: 16.784 ug/l
RT: 7.76 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VN057517.D
Acq: 26 Aug 2019 18:15

Tgt Ion: 117 Resp: 109110
Ion Ratio Lower Upper
117 100
119 97.7 76.2 114.4
121 29.3 23.8 35.6

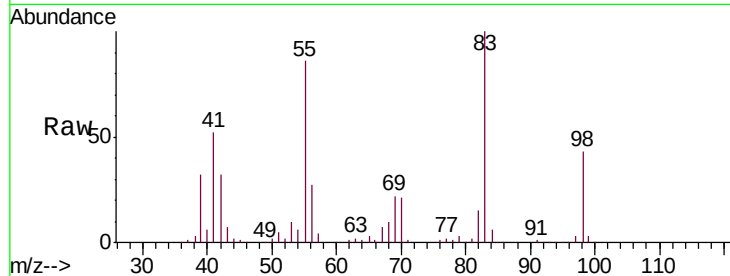




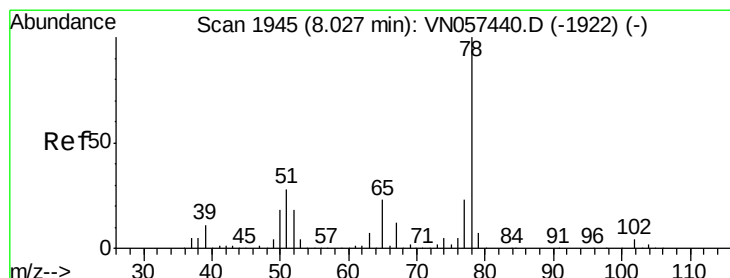
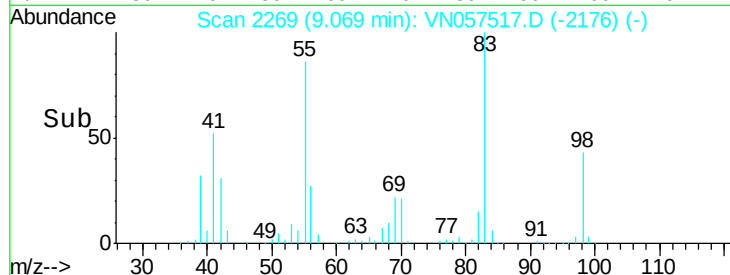
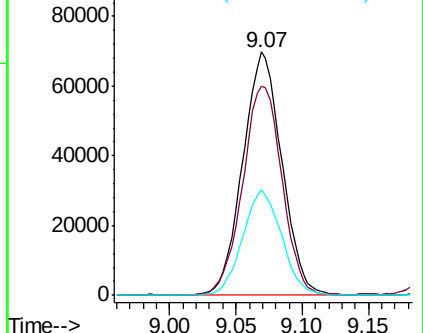
#39
Methylcyclohexane
Concen: 18.413 ug/l
RT: 9.07 min Scan# 2269
Delta R.T. 0.00 min
Lab File: VN057517.D
Acq: 26 Aug 2019 18:15

Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS02

Tgt Ion: 83 Resp: 143101
Ion Ratio Lower Upper
83 100
55 85.6 68.6 102.8
98 43.1 36.6 54.8

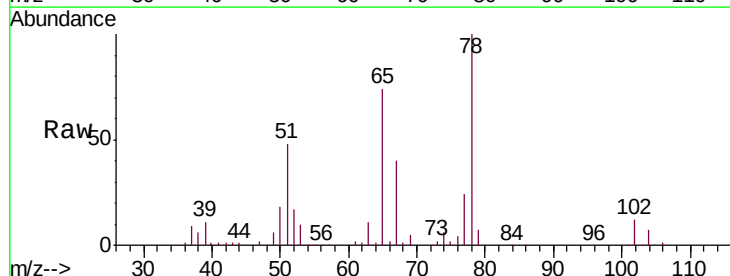


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

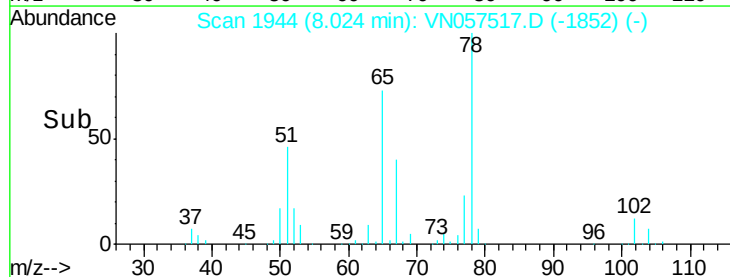
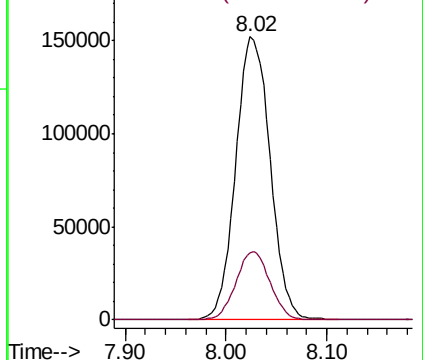


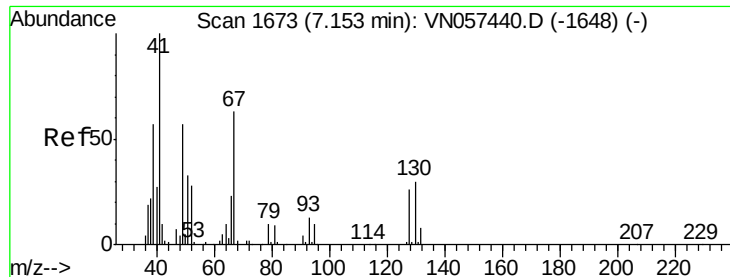
#40
Benzene
Concen: 18.331 ug/l
RT: 8.02 min Scan# 1944
Delta R.T. -0.00 min
Lab File: VN057517.D
Acq: 26 Aug 2019 18:15

Tgt Ion: 78 Resp: 360017
Ion Ratio Lower Upper
78 100
77 23.7 18.5 27.7



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

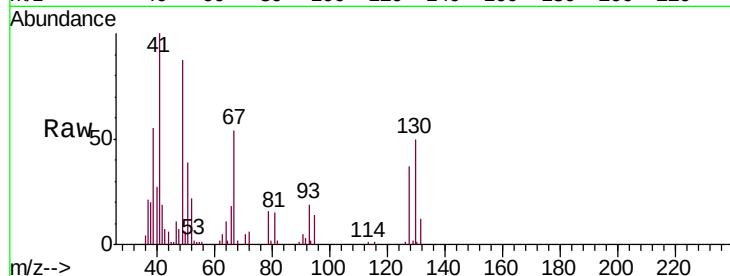




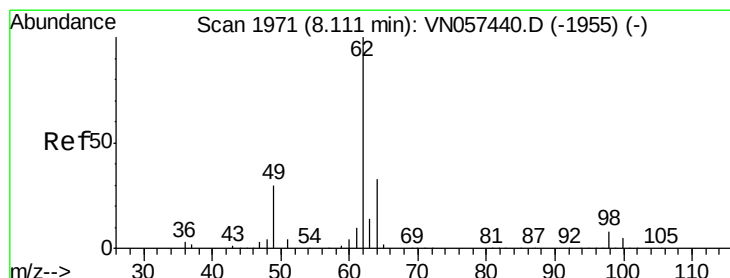
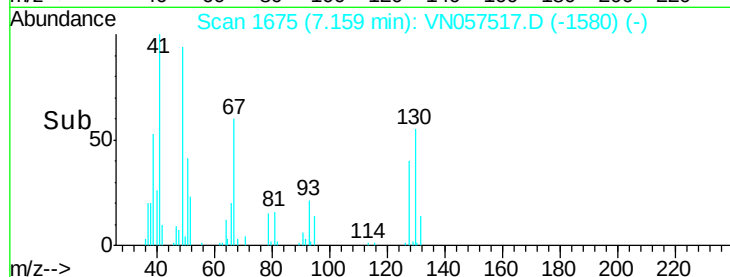
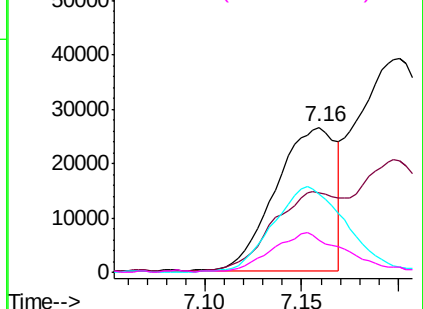
#41
Methacrylonitrile
Concen: 18.582 ug/l
RT: 7.16 min Scan# 1675
Delta R.T. 0.01 min
Lab File: VN057517.D
Acq: 26 Aug 2019 18:15

Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS02

Tgt Ion:	41	Resp:	57293
Ion	Ratio	Lower	Upper
41	100		
39	58.1	53.6	80.4
67	74.0	65.4	98.2
52	34.3	29.8	44.6

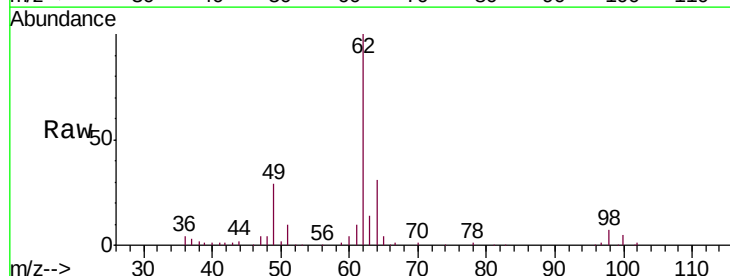


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

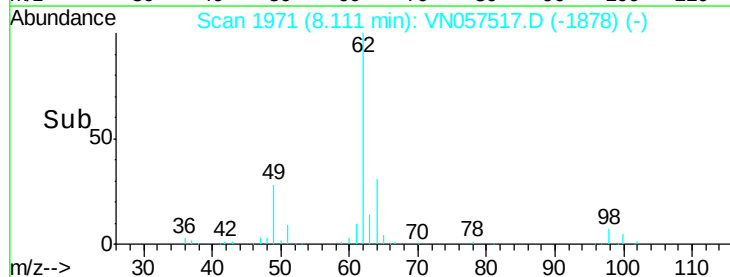
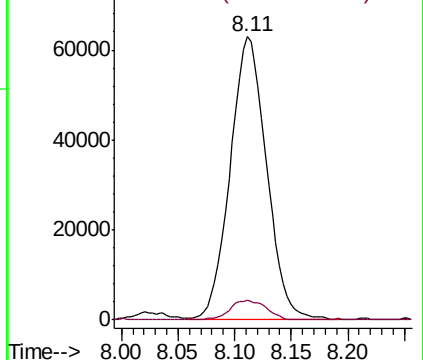


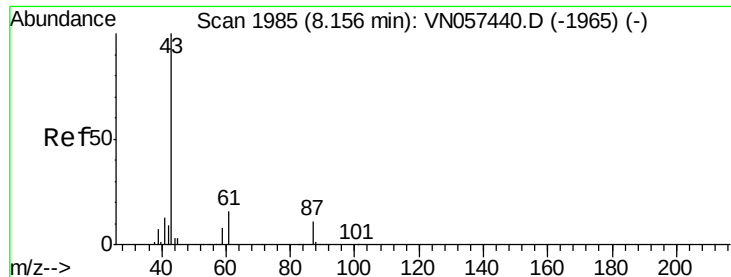
#42
1,2-Dichloroethane
Concen: 18.703 ug/l
RT: 8.11 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VN057517.D
Acq: 26 Aug 2019 18:15

Tgt Ion:	62	Resp:	141435
Ion	Ratio	Lower	Upper
62	100		
98	7.0	0.0	15.4



Abundance Ion 61.90 (61.60 to 62.60): VNO
Ion 97.90 (97.60 to 98.60): VNO





#43

Isopropyl Acetate

Concen: 17.693 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.00 min

Lab File: VN057517.D

Acq: 26 Aug 2019 18:15

Instrument :

MSVOA_N

ClientSampleId :

VN0826WBS02

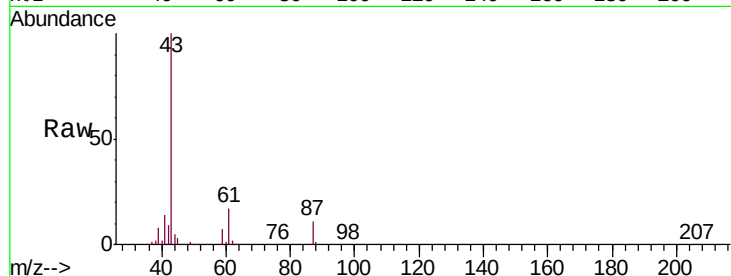
Tgt Ion: 43 Resp: 209772

Ion Ratio Lower Upper

43 100

61 16.9 14.5 21.7

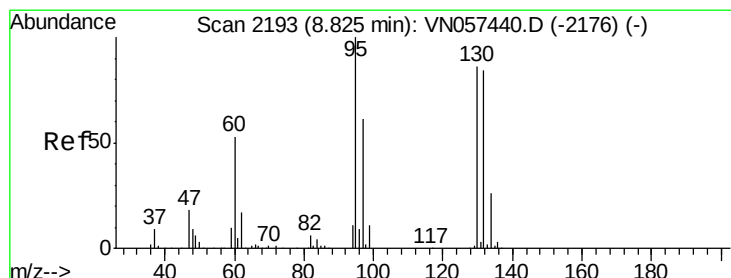
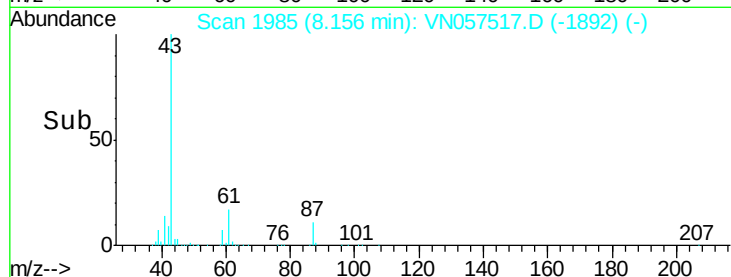
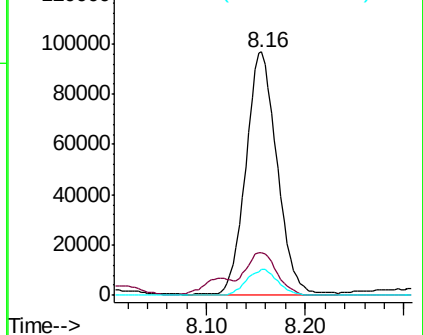
87 10.7 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#44

Trichloroethene

Concen: 18.282 ug/l

RT: 8.82 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VN057517.D

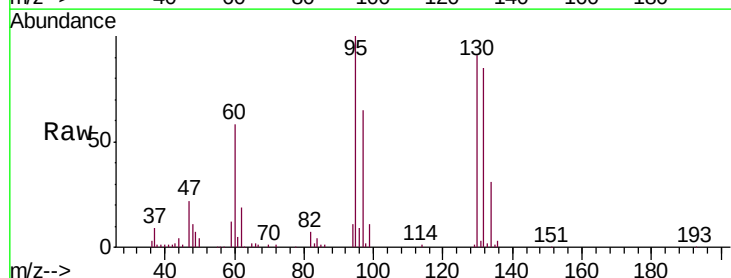
Acq: 26 Aug 2019 18:15

Tgt Ion: 130 Resp: 80152

Ion Ratio Lower Upper

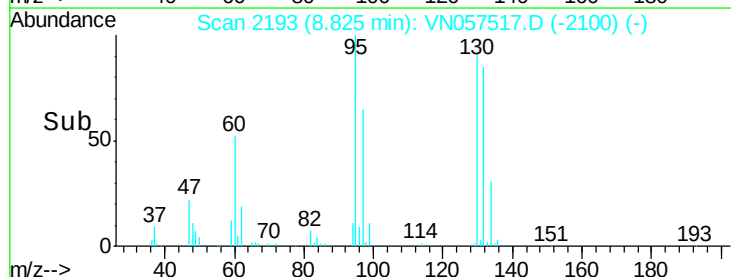
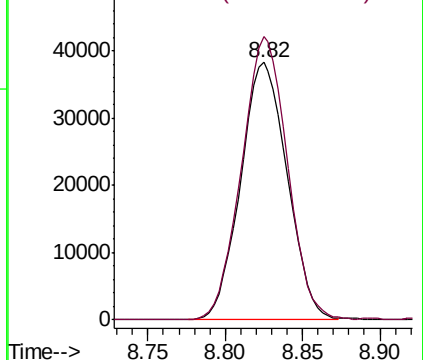
130 100

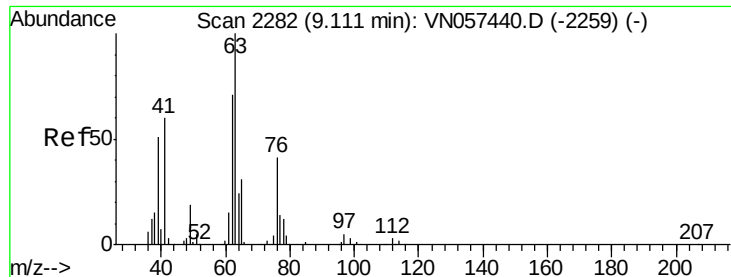
95 109.8 0.0 231.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0

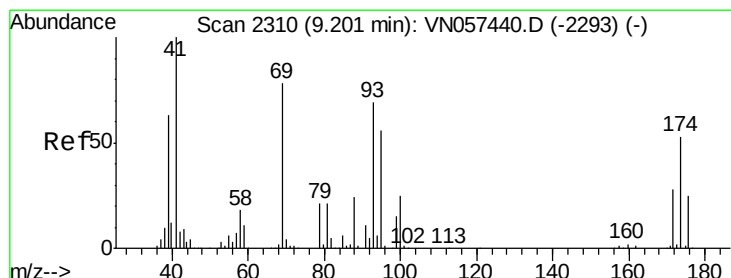
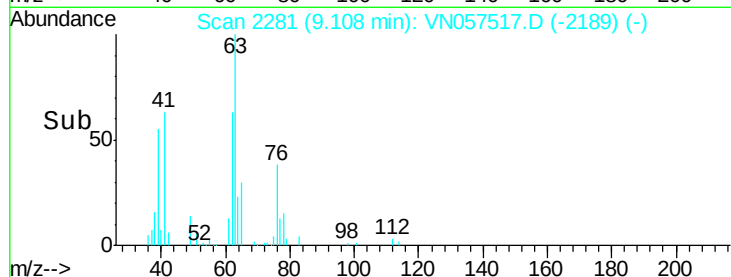
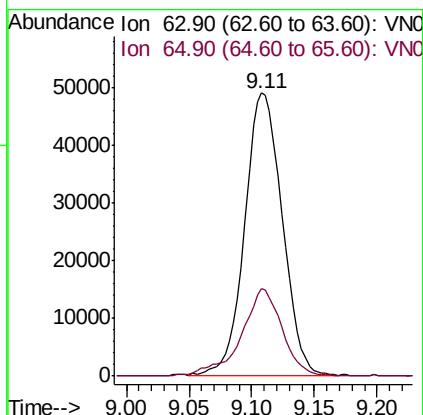
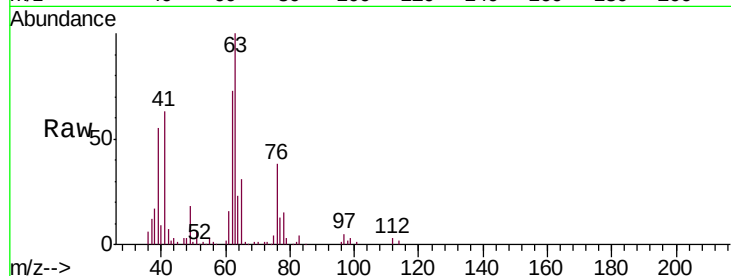




#45
 1,2-Dichloropropane
 Concen: 18.579 ug/l
 RT: 9.11 min Scan# 2281
 Delta R.T. -0.00 min
 Lab File: VN057517.D
 Acq: 26 Aug 2019 18:15

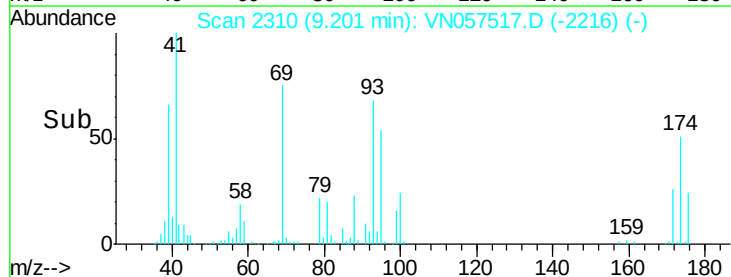
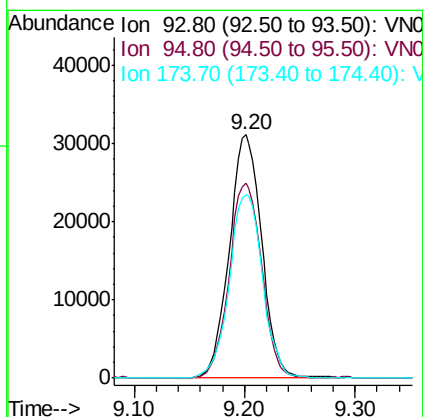
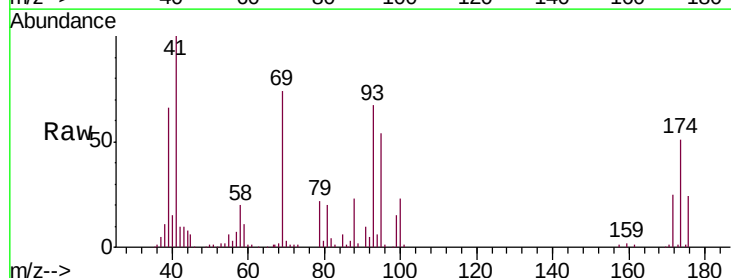
Instrument :
 MSVOA_N
 ClientSampled :
 VN0826WBS02

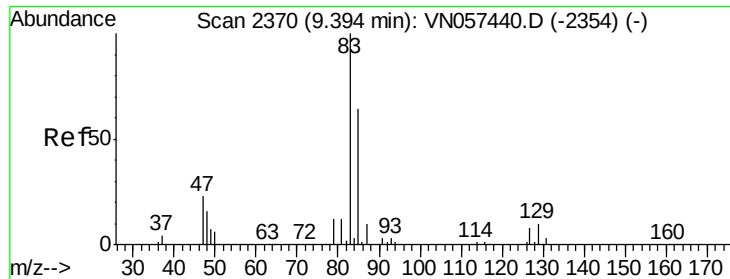
Tgt Ion: 63 Resp: 102768
 Ion Ratio Lower Upper
 63 100
 65 30.6 24.7 37.1



#46
 Dibromomethane
 Concen: 19.313 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN057517.D
 Acq: 26 Aug 2019 18:15

Tgt Ion: 93 Resp: 63360
 Ion Ratio Lower Upper
 93 100
 95 80.4 64.7 97.1
 174 77.2 62.3 93.5





#47

Bromodichloromethane

Concen: 17.285 ug/l

RT: 9.40 min Scan# 2371

Delta R.T. 0.00 min

Lab File: VN057517.D

Acq: 26 Aug 2019 18:15

Instrument :

MSVOA_N

ClientSampleId :

VN0826WBS02

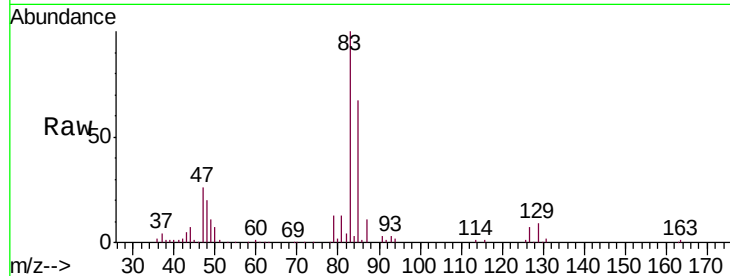
Tgt Ion: 83 Resp: 126137

Ion Ratio Lower Upper

83 100

85 66.5 51.2 76.8

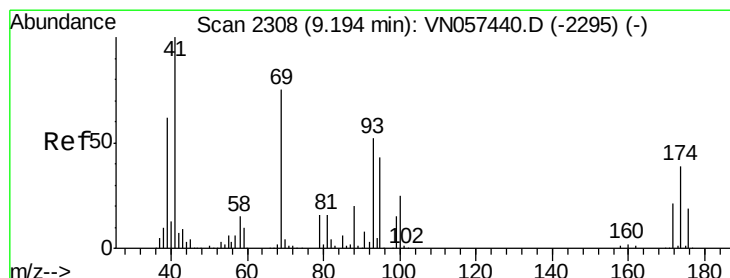
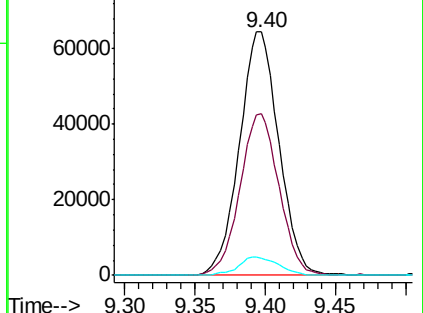
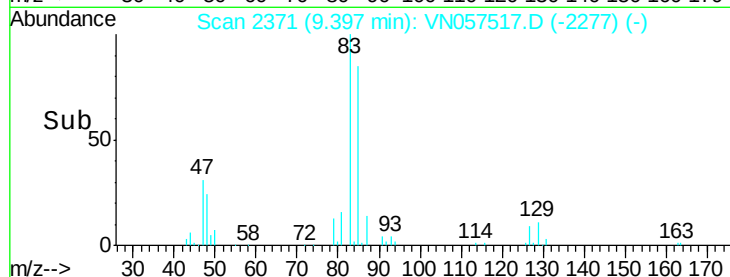
127 7.3 6.6 10.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 17.868 ug/l

RT: 9.19 min Scan# 2308

Delta R.T. 0.00 min

Lab File: VN057517.D

Acq: 26 Aug 2019 18:15

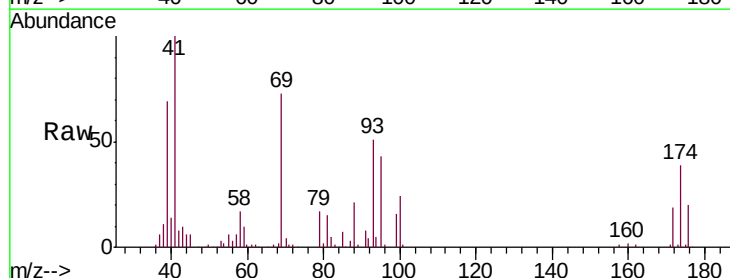
Tgt Ion: 41 Resp: 100737

Ion Ratio Lower Upper

41 100

69 75.1 59.3 88.9

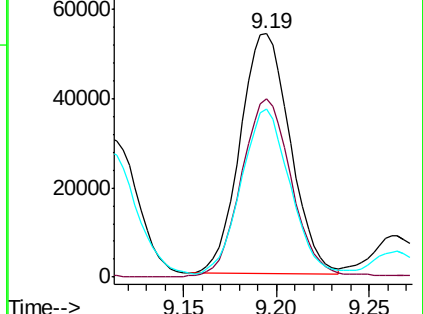
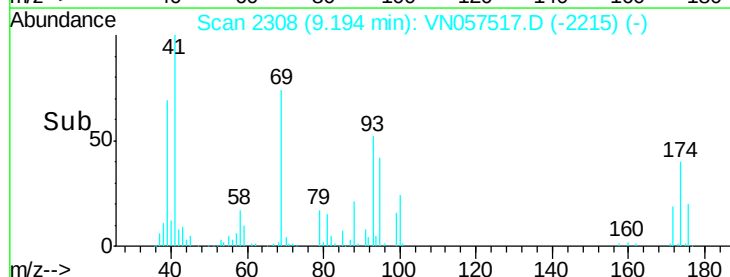
39 68.8 50.6 75.8

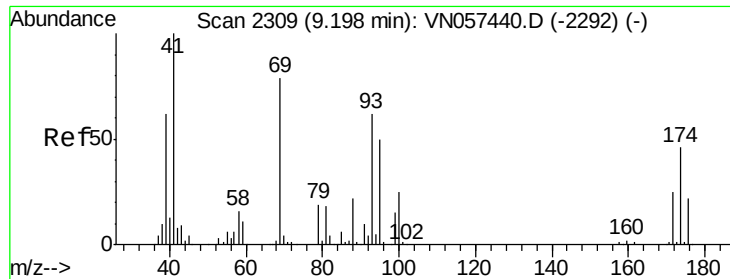


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 336.629 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN057517.D

Acq: 26 Aug 2019 18:15

Instrument :

MSVOA_N

ClientSampleId :

VN0826WBS02

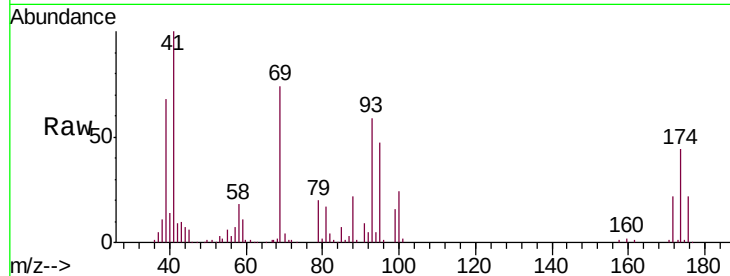
Tgt Ion: 88 Resp: 24542

Ion Ratio Lower Upper

88 100

43 38.0 31.0 46.6

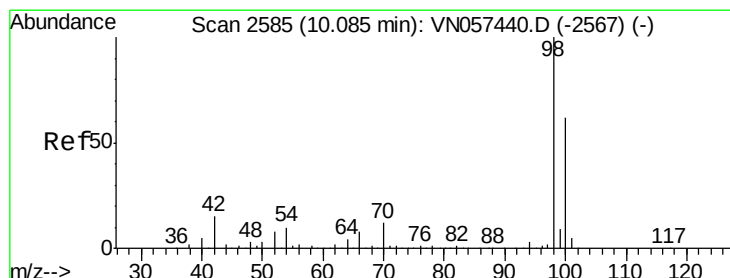
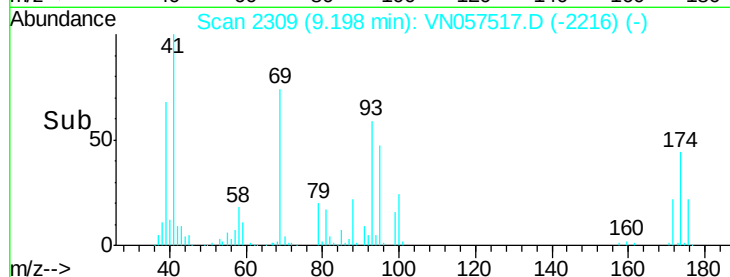
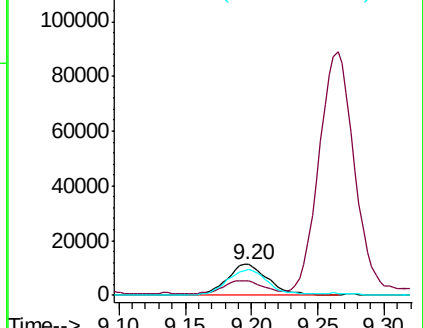
58 84.1 64.5 96.7



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



#50

Toluene-d8

Concen: 52.121 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN057517.D

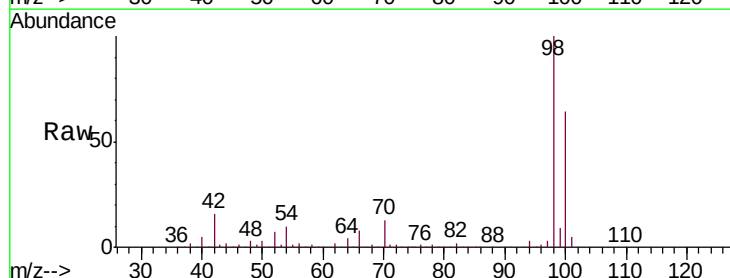
Acq: 26 Aug 2019 18:15

Tgt Ion: 98 Resp: 852496

Ion Ratio Lower Upper

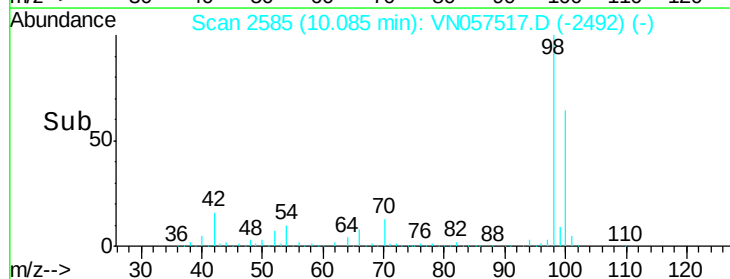
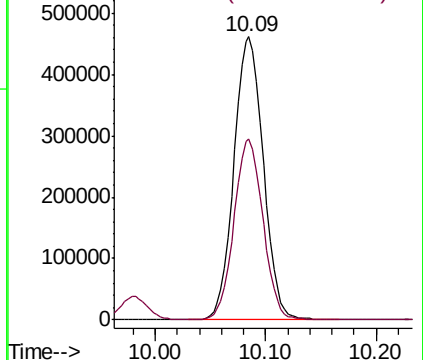
98 100

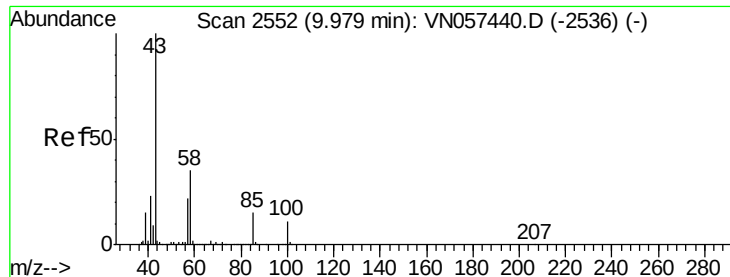
100 62.8 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

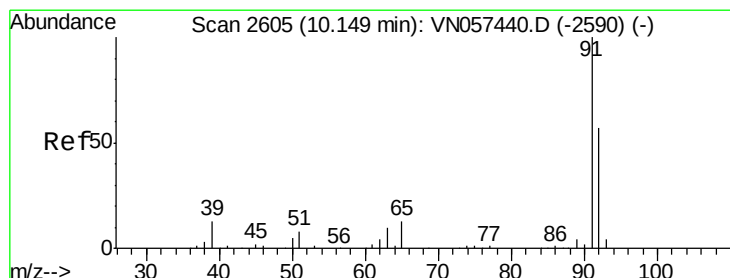
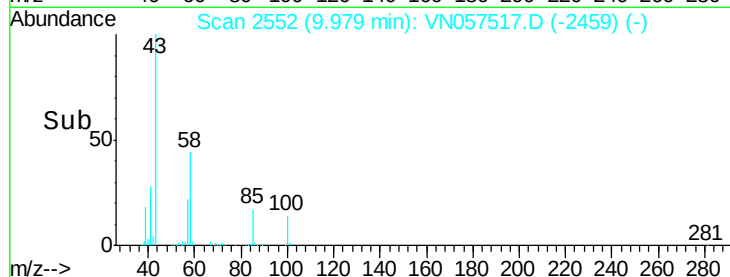
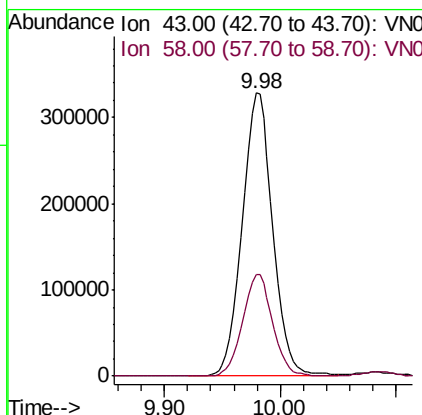
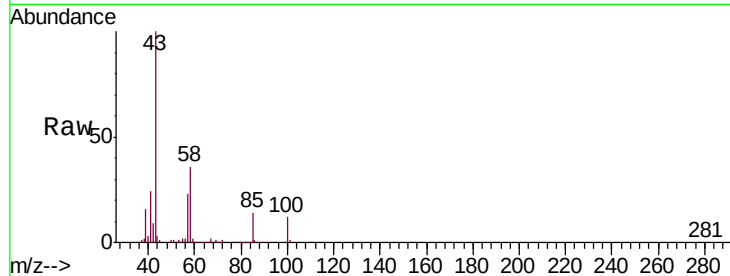




#51
 4-Methyl-2-Pentanone
 Concen: 90.283 ug/l
 RT: 9.98 min Scan# 2552
 Delta R.T. 0.00 min
 Lab File: VN057517.D
 Acq: 26 Aug 2019 18:15

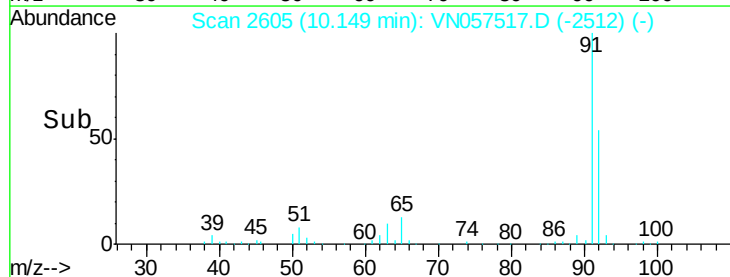
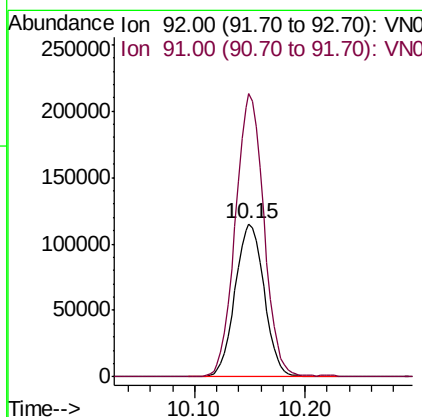
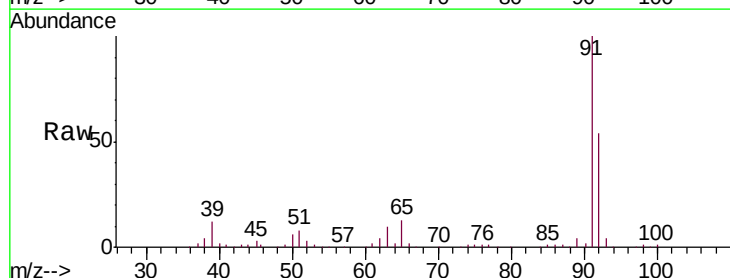
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0826WBS02

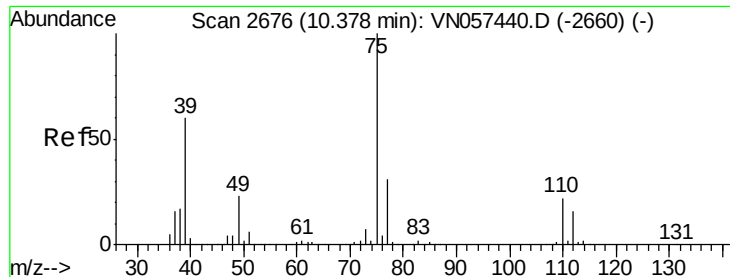
Tgt Ion: 43 Resp: 596552
 Ion Ratio Lower Upper
 43 100
 58 35.7 27.9 41.9



#52
 Toluene
 Concen: 18.709 ug/l
 RT: 10.15 min Scan# 2605
 Delta R.T. 0.00 min
 Lab File: VN057517.D
 Acq: 26 Aug 2019 18:15

Tgt Ion: 92 Resp: 211777
 Ion Ratio Lower Upper
 92 100
 91 180.2 140.9 211.3





#53

t-1,3-Dichloropropene

Concen: 16.662 ug/l

RT: 10.38 min Scan# 2676

Delta R.T. 0.00 min

Lab File: VN057517.D

Acq: 26 Aug 2019 18:15

Instrument :

MSVOA_N

ClientSampleId :

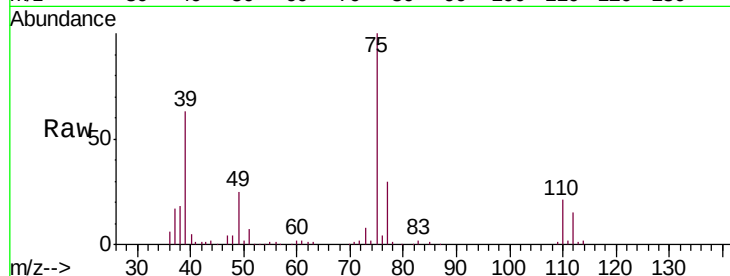
VN0826WBS02

Tgt Ion: 75 Resp: 127361

Ion Ratio Lower Upper

75 100

77 29.9 25.0 37.6



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.38

80000

60000

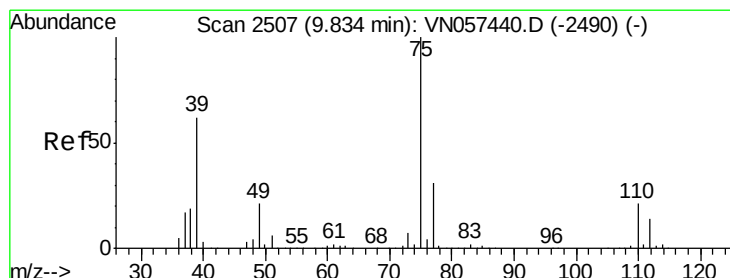
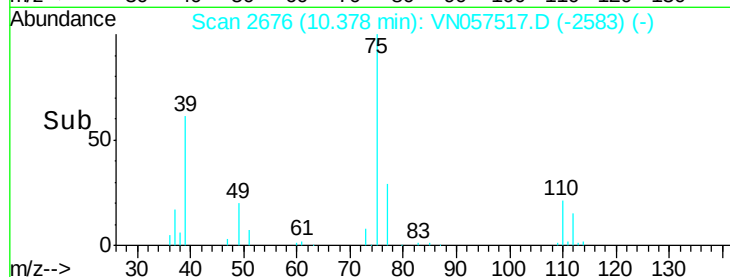
40000

20000

0

Time-->

10.30 10.35 10.40 10.45



#54

cis-1,3-Dichloropropene

Concen: 17.481 ug/l

RT: 9.83 min Scan# 2507

Delta R.T. 0.00 min

Lab File: VN057517.D

Acq: 26 Aug 2019 18:15

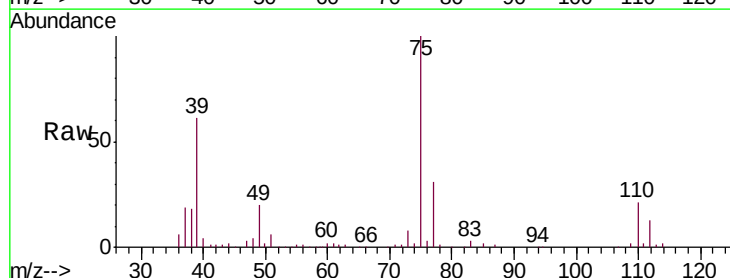
Tgt Ion: 75 Resp: 148775

Ion Ratio Lower Upper

75 100

77 31.0 25.0 37.6

39 60.3 49.2 73.8



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

9.83

100000

80000

60000

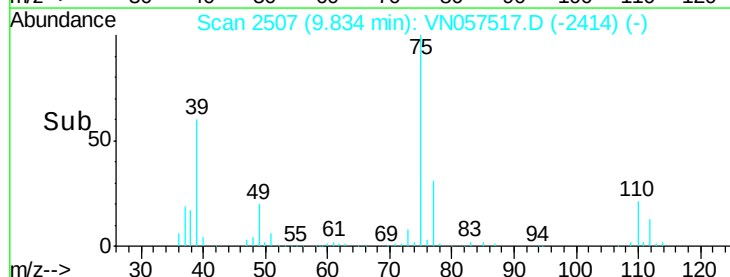
40000

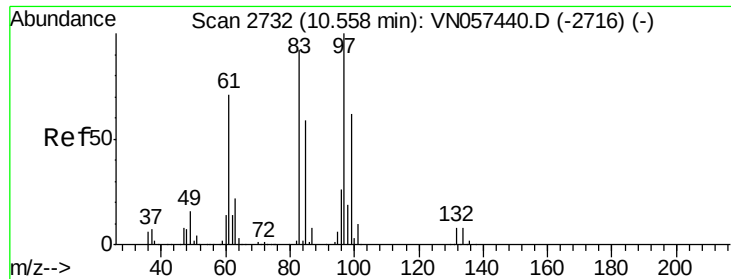
20000

0

Time-->

9.75 9.80 9.85 9.90

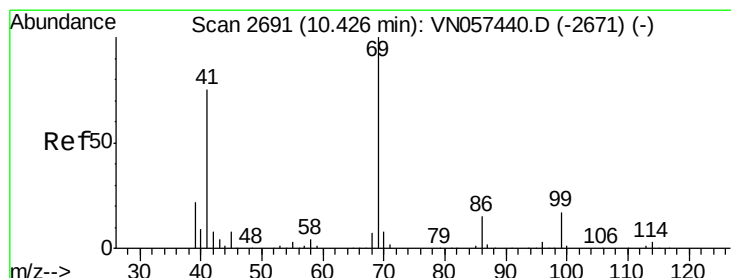
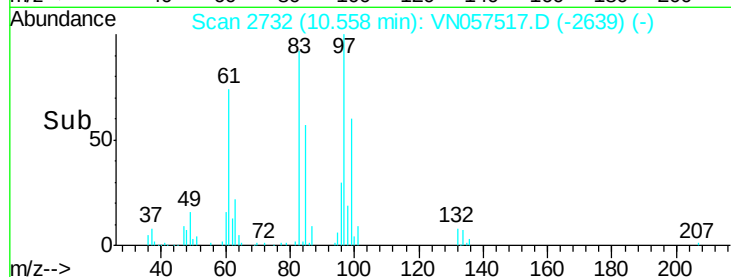
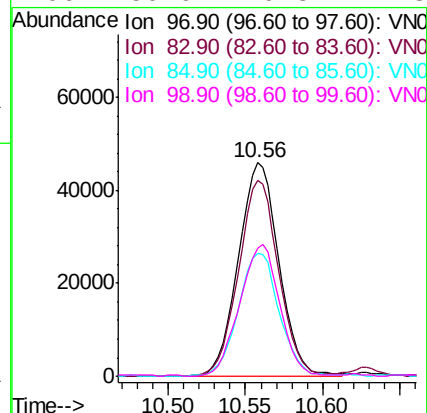
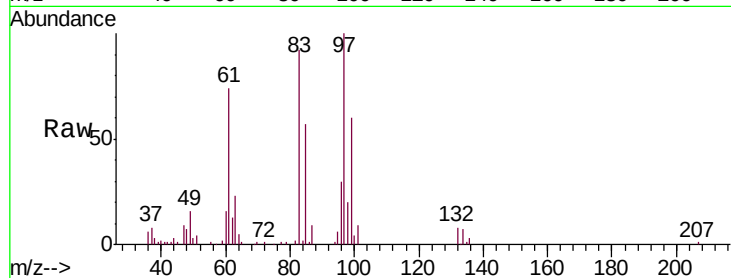




#55
 1,1,2-Trichloroethane
 Concen: 18.206 ug/l
 RT: 10.56 min Scan# 2732
 Delta R.T. 0.00 min
 Lab File: VN057517.D
 Acq: 26 Aug 2019 18:15

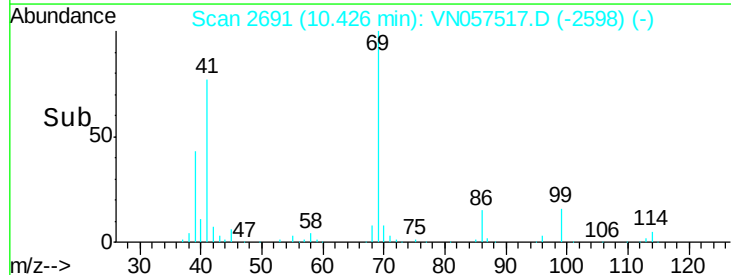
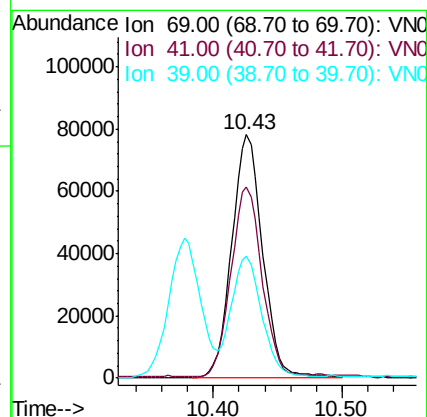
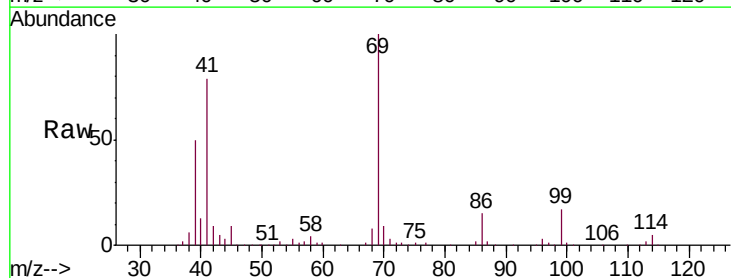
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0826WBS02

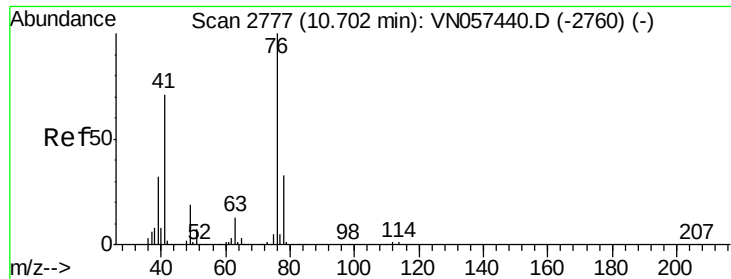
Tgt Ion: 97 Resp: 83343
 Ion Ratio Lower Upper
 97 100
 83 91.6 73.7 110.5
 85 56.9 46.8 70.2
 99 59.9 49.8 74.8



#56
 Ethyl methacrylate
 Concen: 18.107 ug/l
 RT: 10.43 min Scan# 2691
 Delta R.T. 0.00 min
 Lab File: VN057517.D
 Acq: 26 Aug 2019 18:15

Tgt Ion: 69 Resp: 130389
 Ion Ratio Lower Upper
 69 100
 41 77.4 60.8 91.2
 39 48.2 36.5 54.7





#57

1,3-Dichloropropane

Concen: 19.335 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN057517.D

Acq: 26 Aug 2019 18:15

Instrument :

MSVOA_N

ClientSampleId :

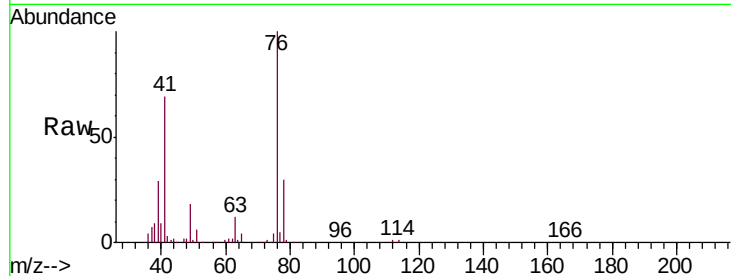
VN0826WBS02

Tgt Ion: 76 Resp: 154041

Ion Ratio Lower Upper

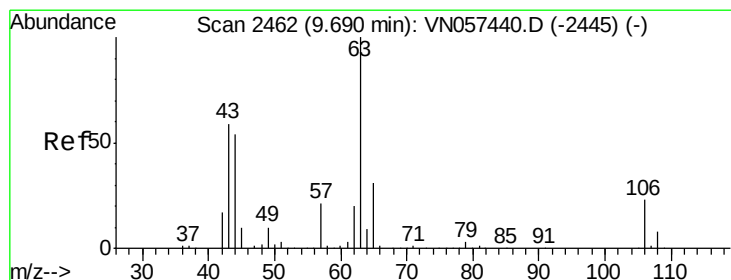
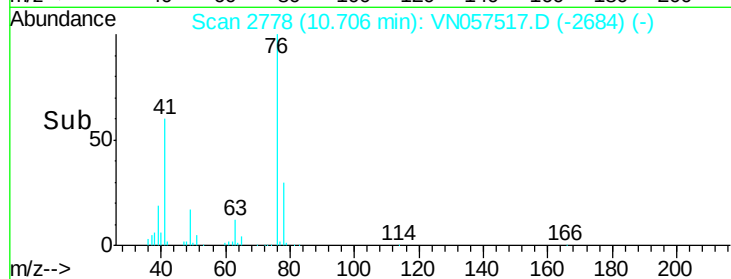
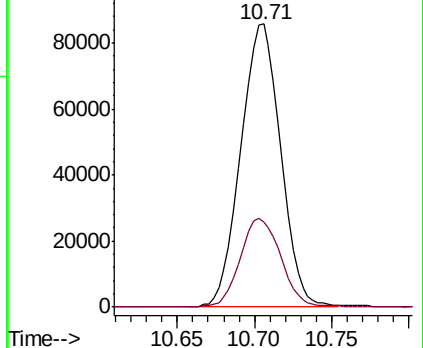
76 100

78 31.7 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 111.902 ug/l

RT: 9.69 min Scan# 2462

Delta R.T. 0.00 min

Lab File: VN057517.D

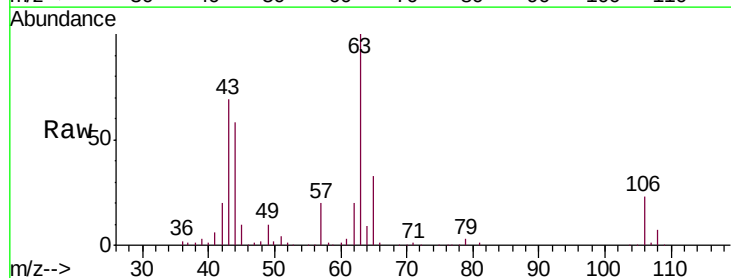
Acq: 26 Aug 2019 18:15

Tgt Ion: 63 Resp: 204135

Ion Ratio Lower Upper

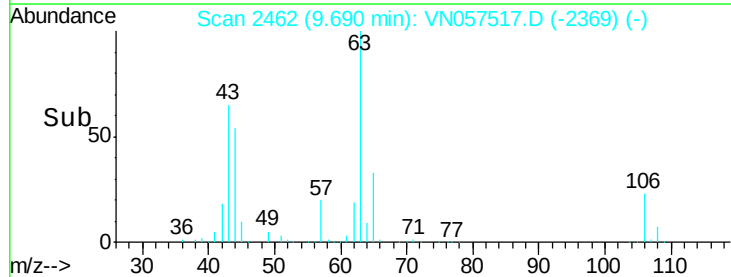
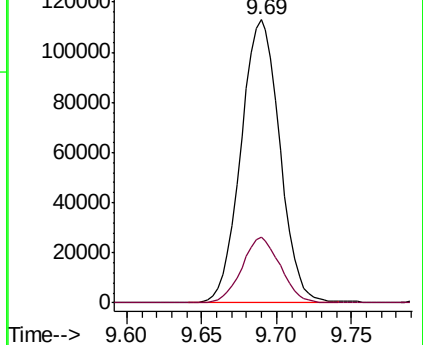
63 100

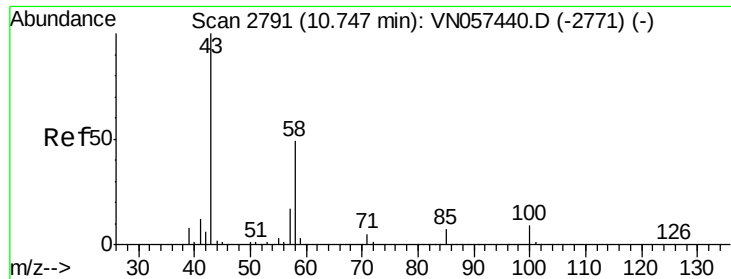
106 22.9 18.6 27.8



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

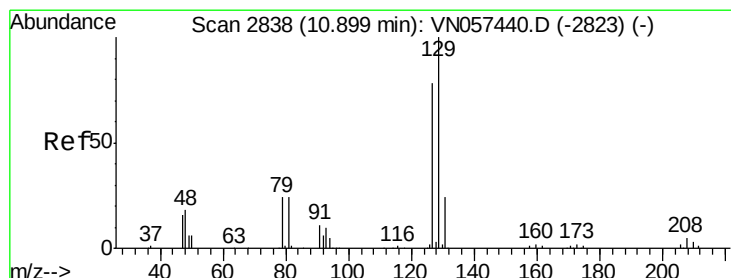
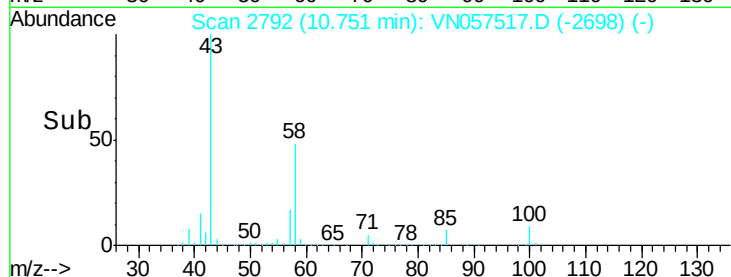
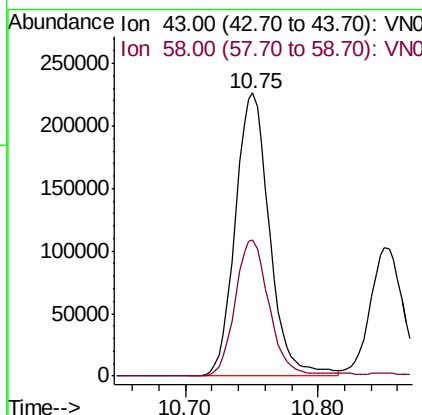
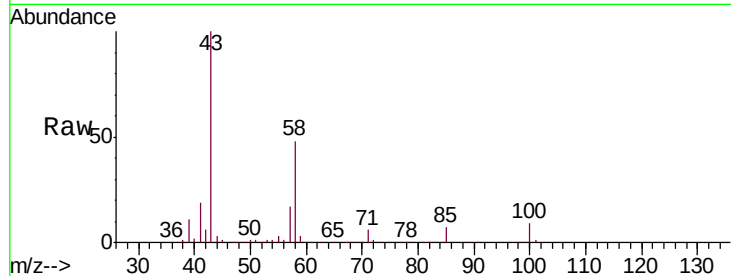




#59
2-Hexanone
Concen: 88.988 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN057517.D
Acq: 26 Aug 2019 18:15

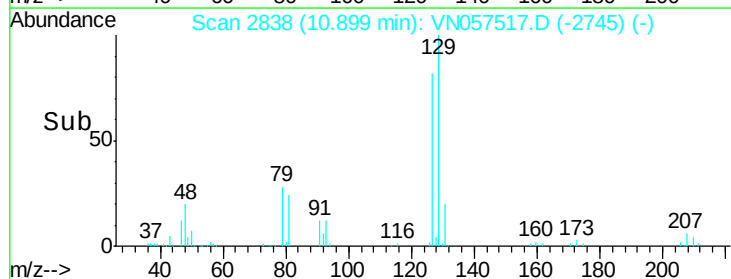
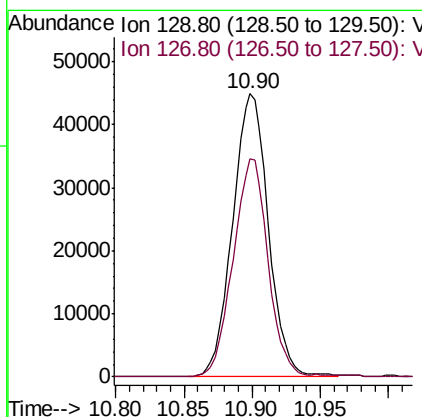
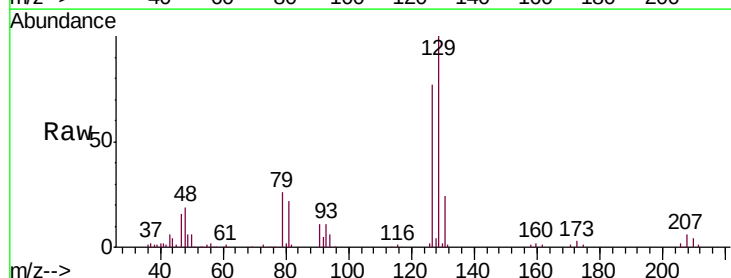
Instrument :
MSVOA_N
ClientSampled :
VN0826WBS02

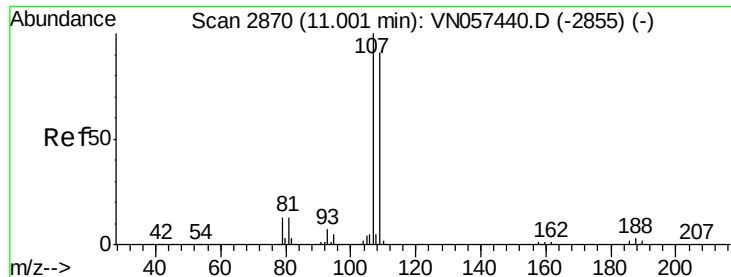
Tgt Ion: 43 Resp: 403299
Ion Ratio Lower Upper
43 100
58 48.8 24.6 73.6



#60
Dibromochloromethane
Concen: 16.893 ug/l
RT: 10.90 min Scan# 2838
Delta R.T. 0.00 min
Lab File: VN057517.D
Acq: 26 Aug 2019 18:15

Tgt Ion: 129 Resp: 81722
Ion Ratio Lower Upper
129 100
127 74.7 39.0 116.9





#61

1,2-Dibromoethane

Concen: 18.143 ug/l

RT: 11.00 min Scan# 2870

Delta R.T. 0.00 min

Lab File: VN057517.D

Acq: 26 Aug 2019 18:15

Instrument :

MSVOA_N

ClientSampleId :

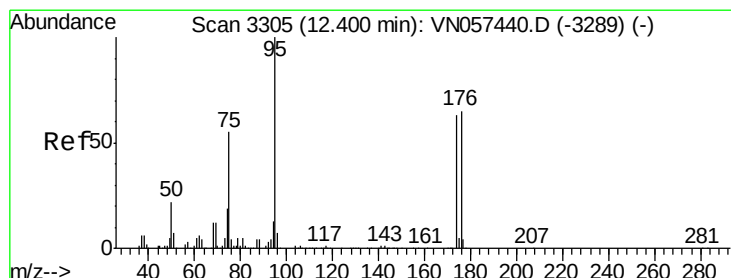
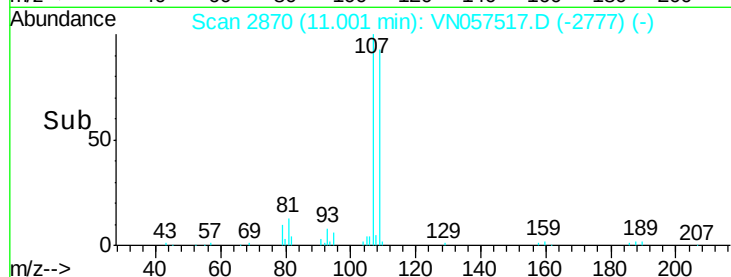
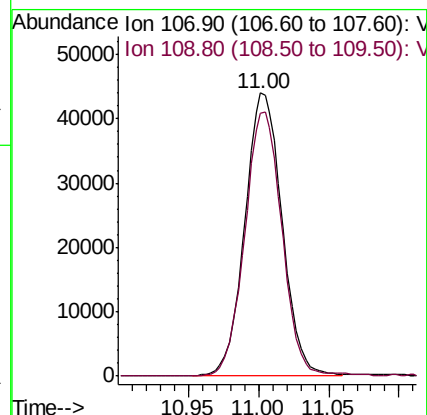
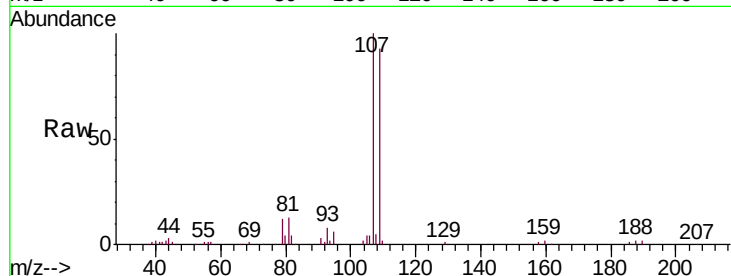
VN0826WBS02

Tgt Ion: 107 Resp: 81457

Ion Ratio Lower Upper

107 100

109 93.4 73.8 110.8



#62

4-Bromofluorobenzene

Concen: 46.916 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057517.D

Acq: 26 Aug 2019 18:15

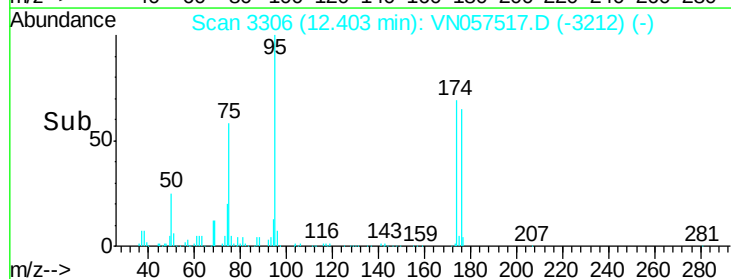
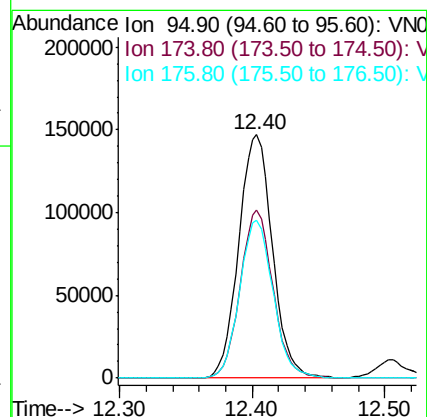
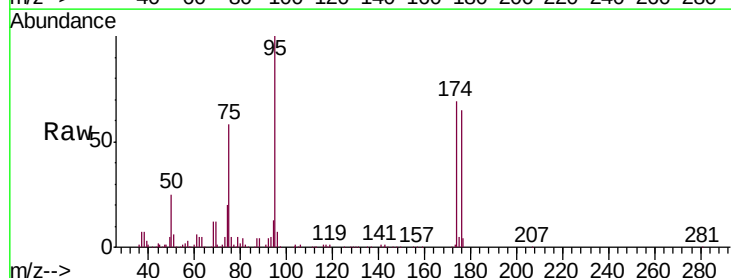
Tgt Ion: 95 Resp: 260048

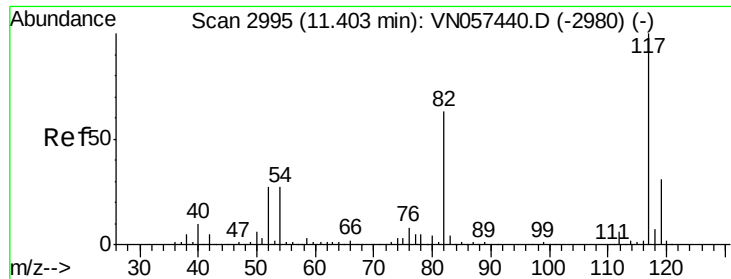
Ion Ratio Lower Upper

95 100

174 67.1 0.0 133.0

176 64.4 0.0 130.8

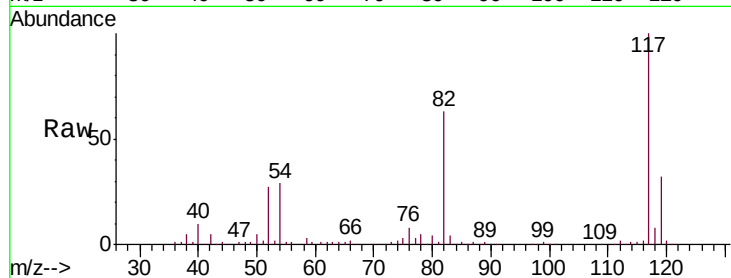




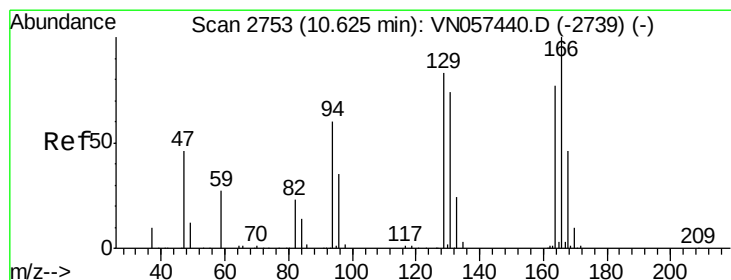
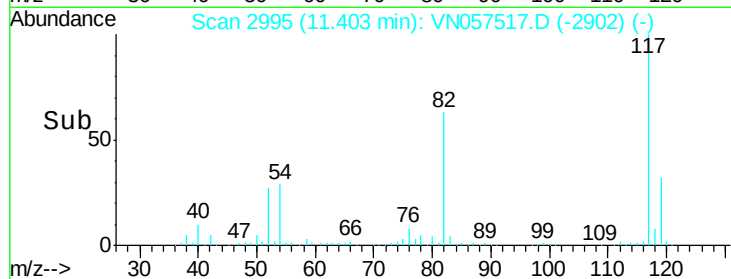
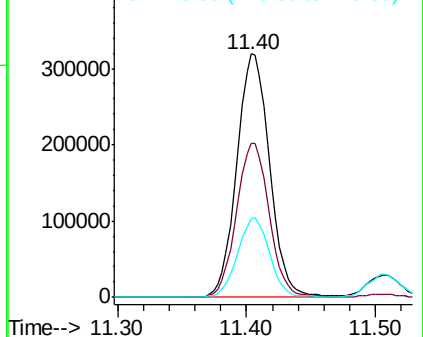
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. 0.00 min
Lab File: VN057517.D
Acq: 26 Aug 2019 18:15

Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS02

Tgt Ion:117 Resp: 565425
Ion Ratio Lower Upper
117 100
82 63.4 50.6 75.8
119 32.0 24.6 36.8

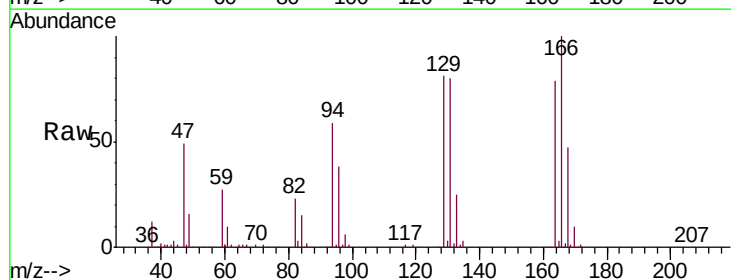


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

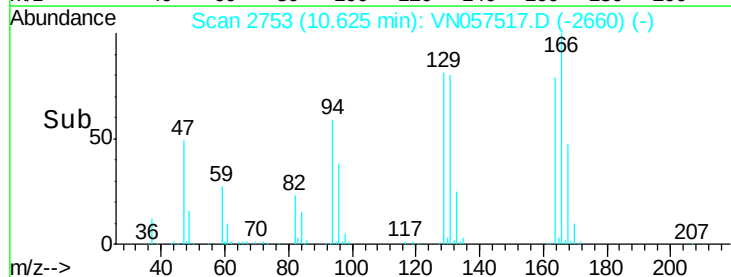
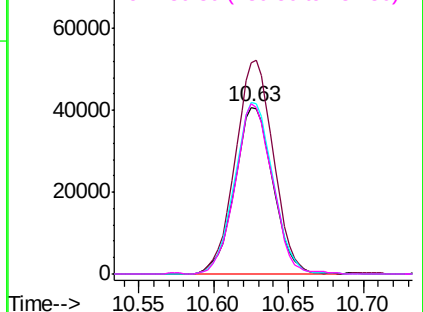


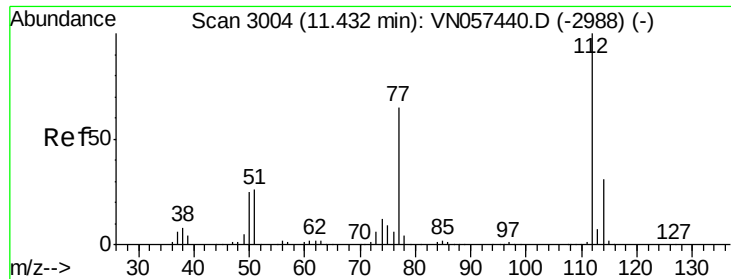
#64
Tetrachloroethene
Concen: 18.307 ug/l
RT: 10.63 min Scan# 2753
Delta R.T. 0.00 min
Lab File: VN057517.D
Acq: 26 Aug 2019 18:15

Tgt Ion:164 Resp: 72418
Ion Ratio Lower Upper
164 100
166 126.9 104.4 156.6
129 102.6 86.6 130.0
131 102.0 77.6 116.4



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

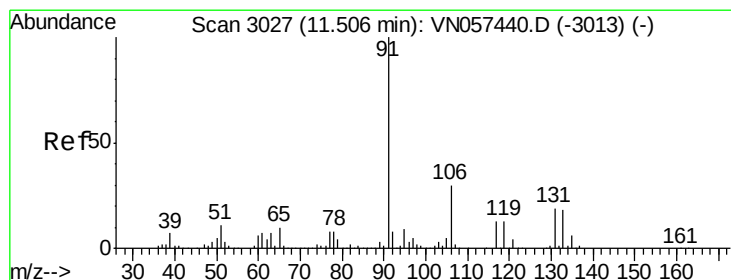
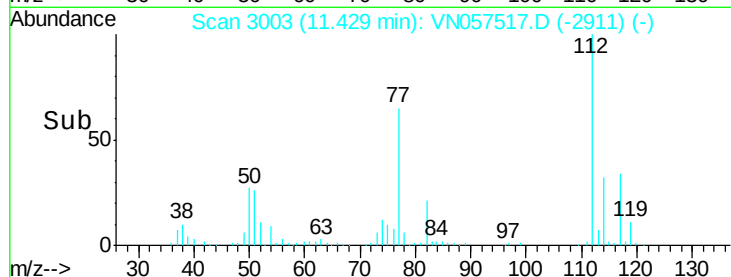
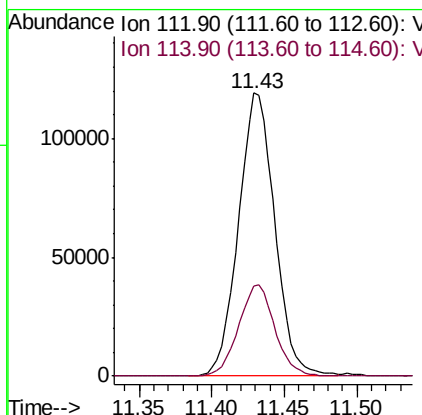
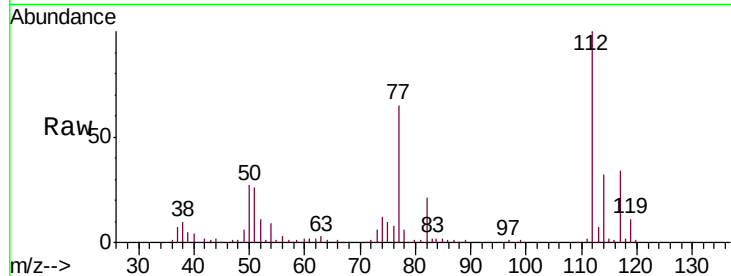




#65
Chlorobenzene
Concen: 18.137 ug/l
RT: 11.43 min Scan# 3003
Delta R.T. -0.00 min
Lab File: VN057517.D
Acq: 26 Aug 2019 18:15

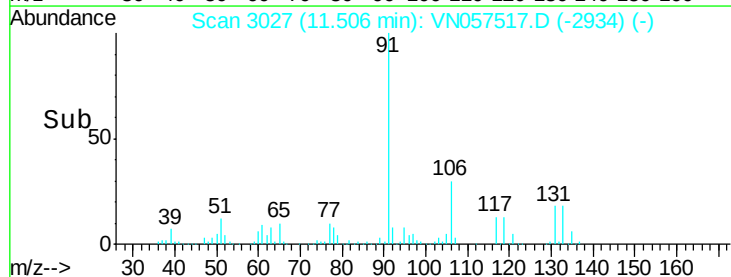
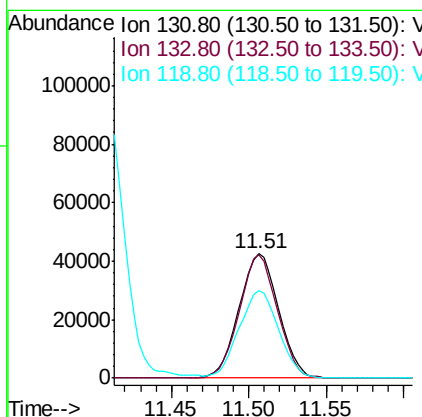
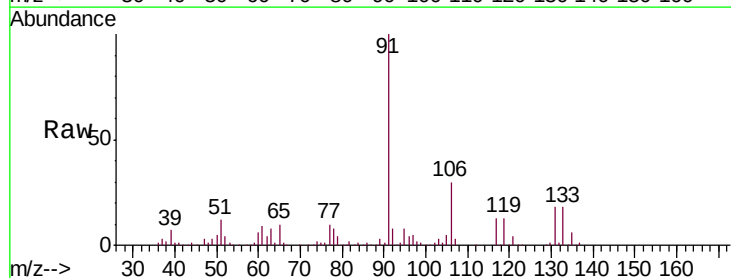
Instrument :
MSVOA_N
ClientSampled :
VN0826WBS02

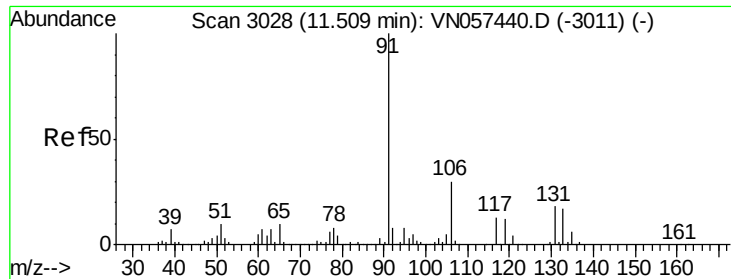
Tgt Ion:112 Resp: 207306
Ion Ratio Lower Upper
112 100
114 31.9 24.8 37.2



#66
1,1,1,2-Tetrachloroethane
Concen: 17.262 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN057517.D
Acq: 26 Aug 2019 18:15

Tgt Ion:131 Resp: 75669
Ion Ratio Lower Upper
131 100
133 95.2 47.6 142.8
119 70.5 34.4 103.2

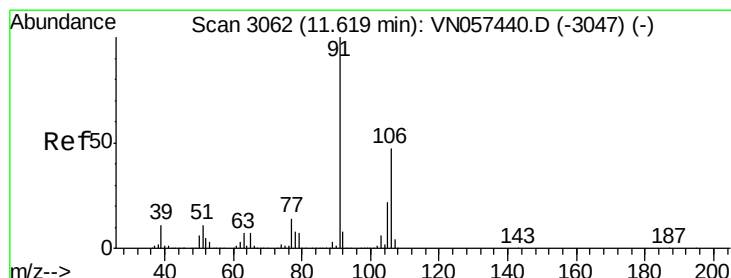
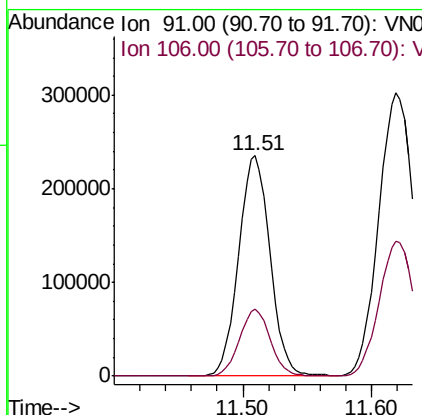
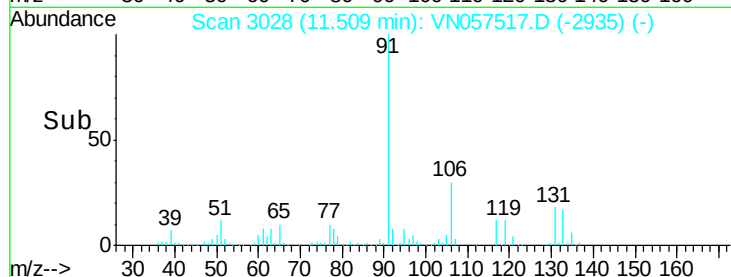
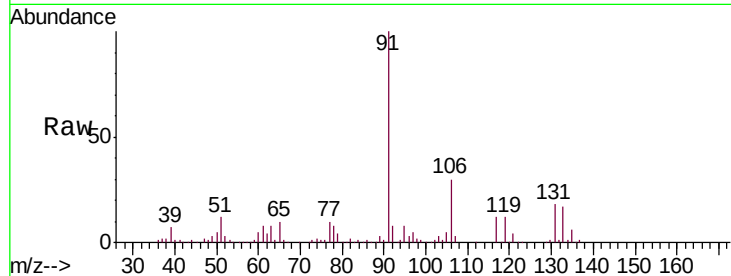




#67
Ethyl Benzene
Concen: 18.067 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN057517.D
Acq: 26 Aug 2019 18:15

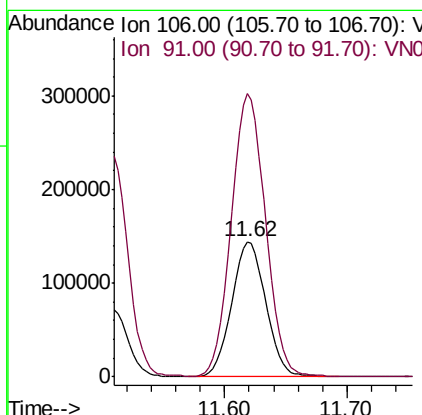
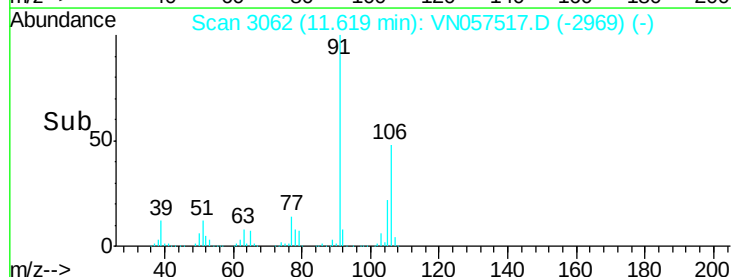
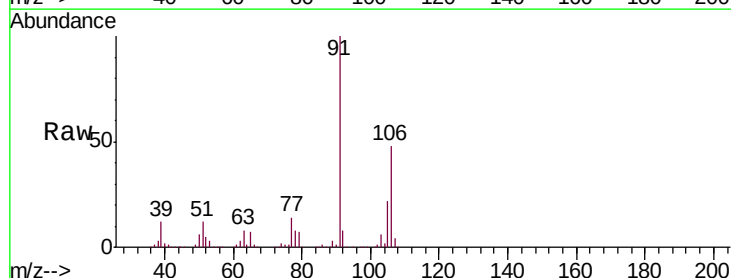
Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS02

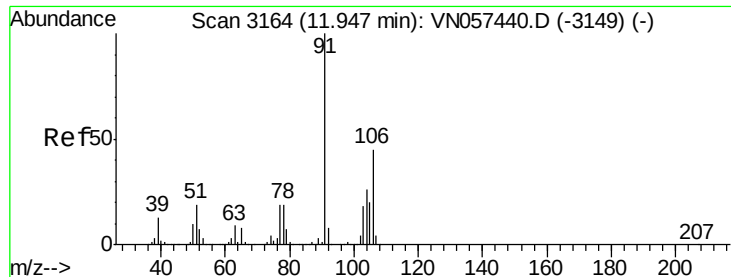
Tgt Ion: 91 Resp: 399697
Ion Ratio Lower Upper
91 100
106 30.4 24.1 36.1



#68
m/p-Xylenes
Concen: 36.943 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN057517.D
Acq: 26 Aug 2019 18:15

Tgt Ion: 106 Resp: 277948
Ion Ratio Lower Upper
106 100
91 210.3 171.8 257.6

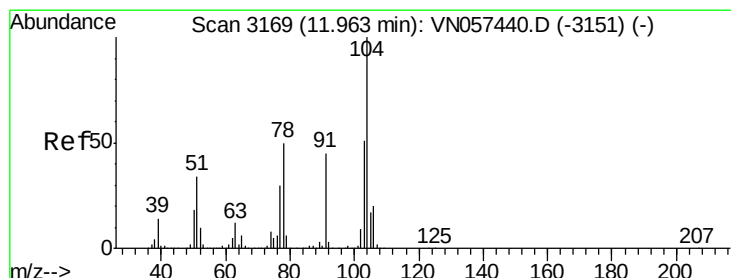
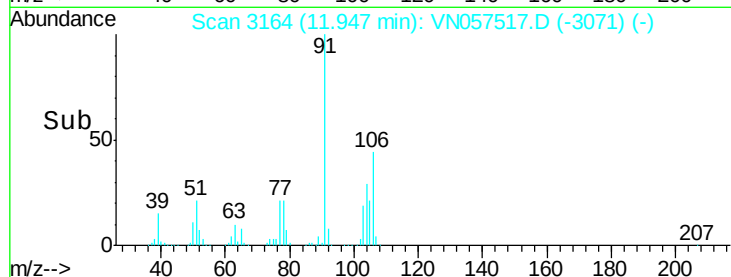
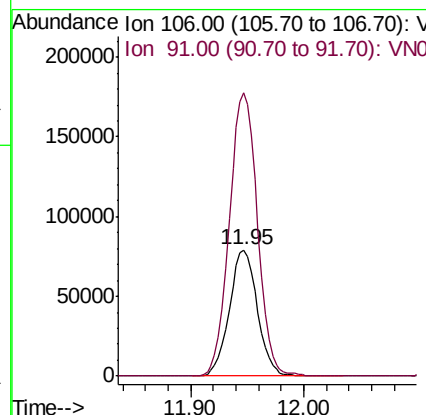
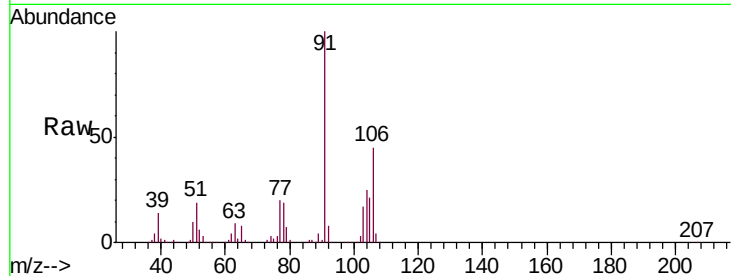




#69
o-Xylene
Concen: 18.267 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN057517.D
Acq: 26 Aug 2019 18:15

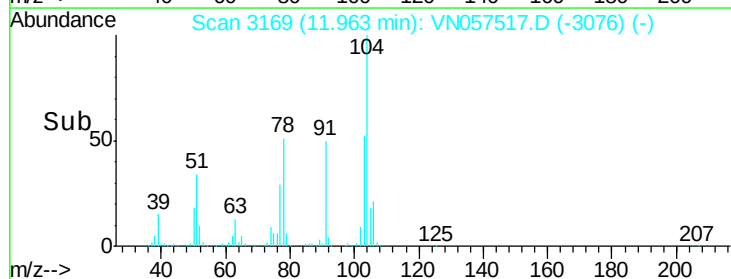
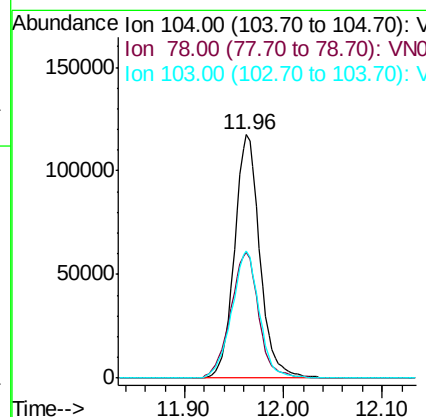
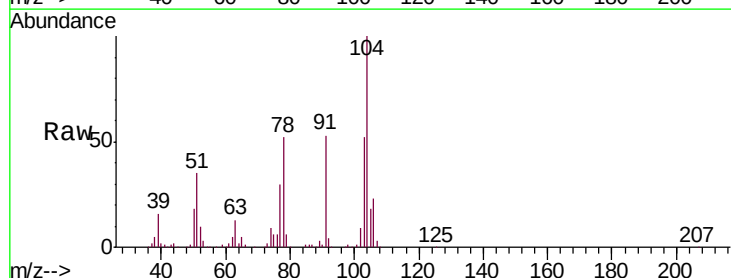
Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS02

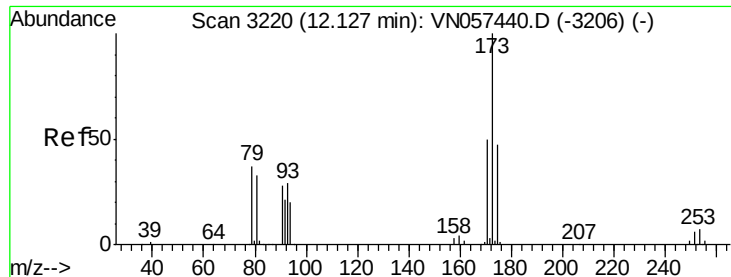
Tgt Ion:106 Resp: 136149
Ion Ratio Lower Upper
106 100
91 225.8 112.3 336.9



#70
Styrene
Concen: 17.904 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN057517.D
Acq: 26 Aug 2019 18:15

Tgt Ion:104 Resp: 211293
Ion Ratio Lower Upper
104 100
78 57.1 44.7 67.1
103 56.5 44.4 66.6





#71

Bromoform

Concen: 14.838 ug/l

RT: 12.12 min Scan# 3219

Delta R.T. -0.00 min

Lab File: VN057517.D

Acq: 26 Aug 2019 18:15

Instrument :

MSVOA_N

ClientSampleId :

VN0826WBS02

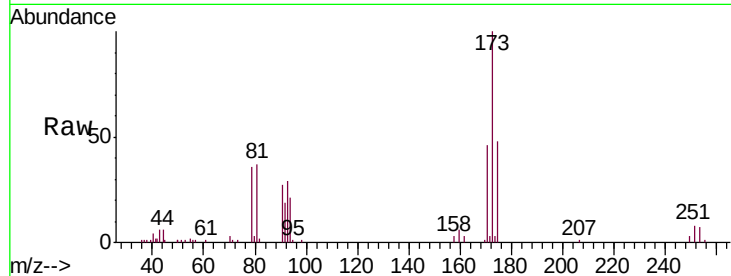
Tgt Ion:173 Resp: 43967

Ion Ratio Lower Upper

173 100

175 47.8 23.9 71.8

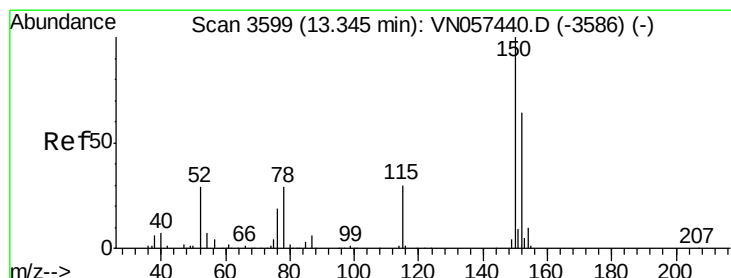
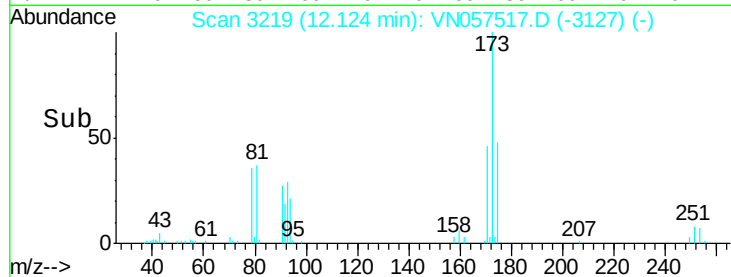
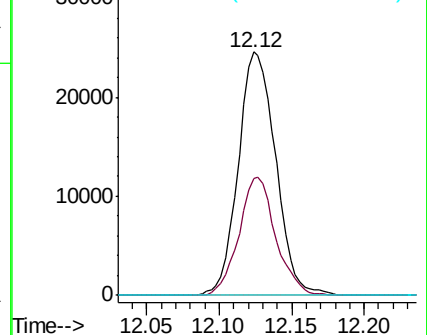
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN057517.D

Acq: 26 Aug 2019 18:15

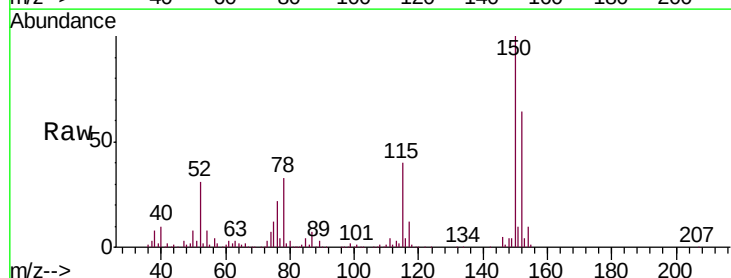
Tgt Ion:152 Resp: 179677

Ion Ratio Lower Upper

152 100

115 62.7 32.0 96.0

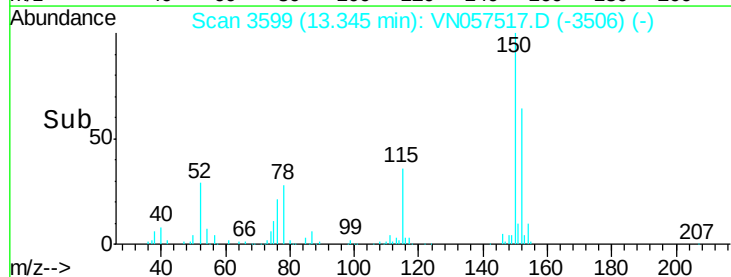
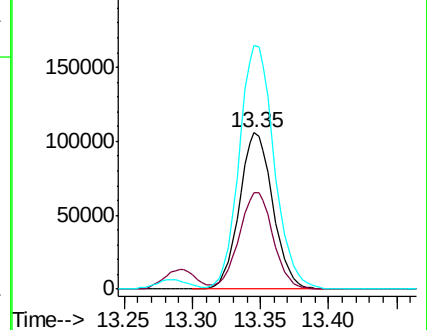
150 163.4 0.0 346.6

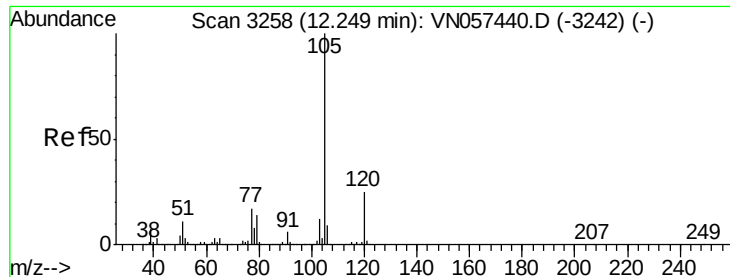


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.047 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN057517.D

Acq: 26 Aug 2019 18:15

Instrument :

MSVOA_N

ClientSampleId :

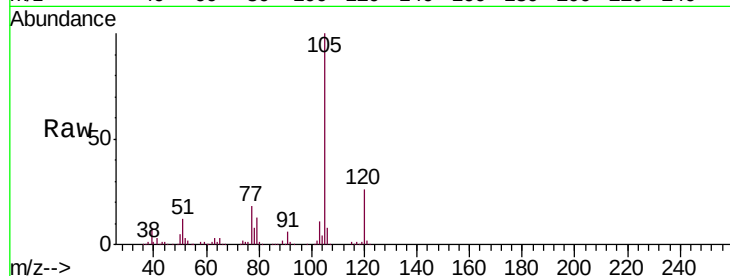
VN0826WBS02

Tgt Ion:105 Resp: 372057

Ion Ratio Lower Upper

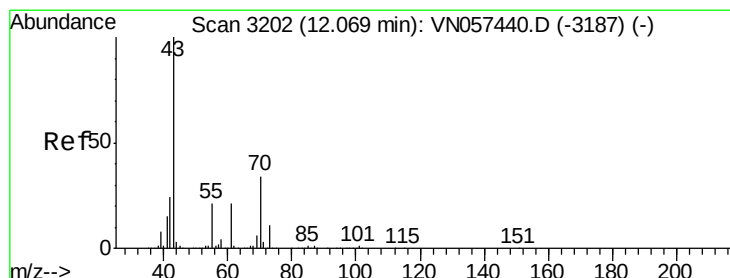
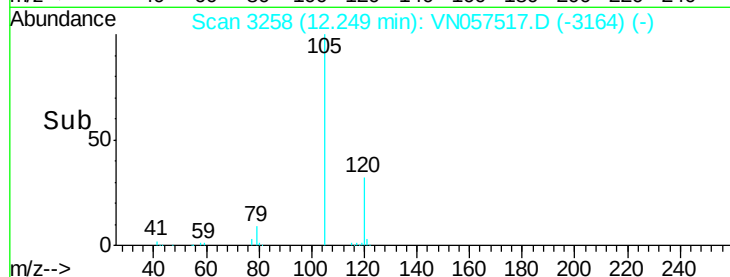
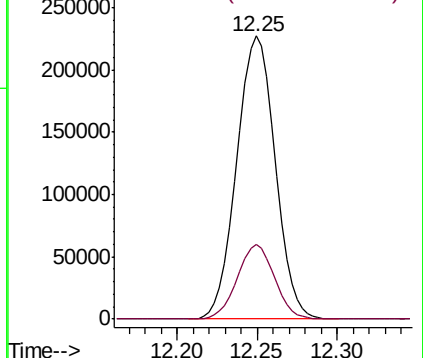
105 100

120 25.6 12.7 38.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.116 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN057517.D

Acq: 26 Aug 2019 18:15

Tgt Ion: 43 Resp: 159213

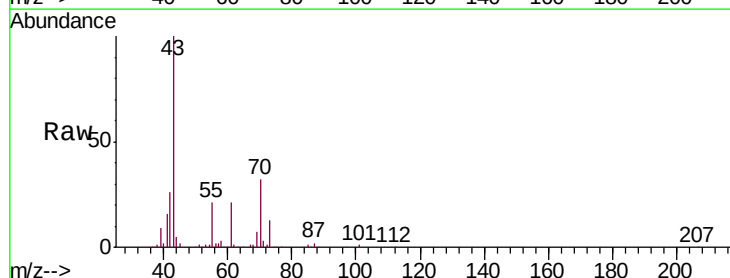
Ion Ratio Lower Upper

43 100

70 34.8 27.8 41.6

55 21.4 17.0 25.4

61 21.1 17.0 25.6

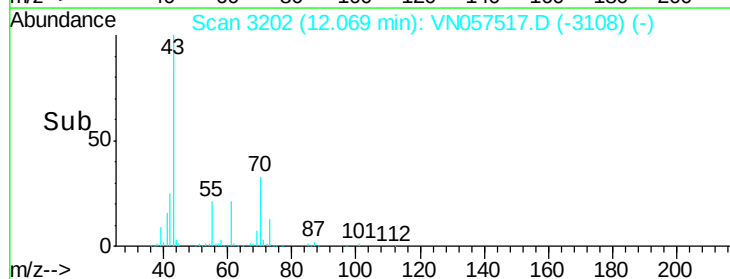
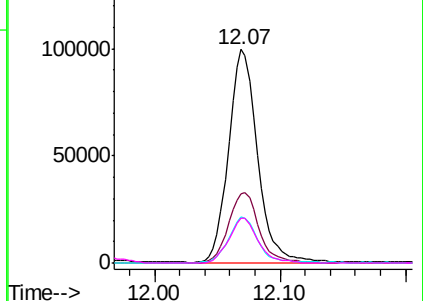


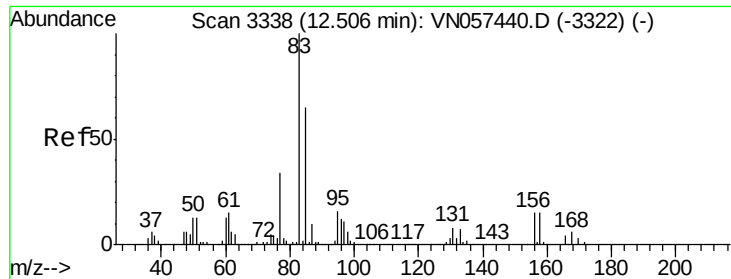
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 21.131 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN057517.D

Acq: 26 Aug 2019 18:15

Instrument :

MSVOA_N

ClientSampleId :

VN0826WBS02

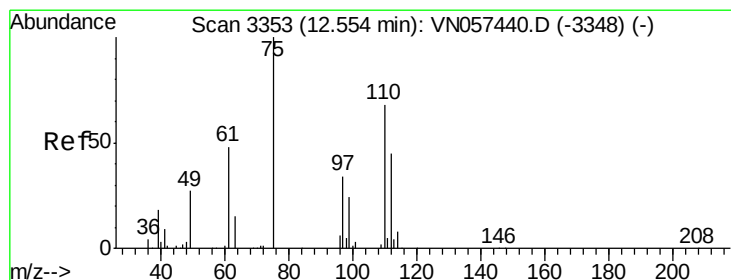
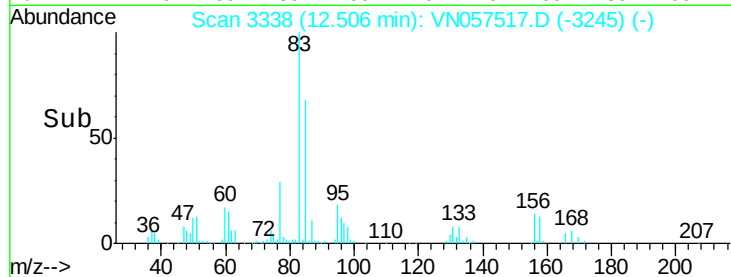
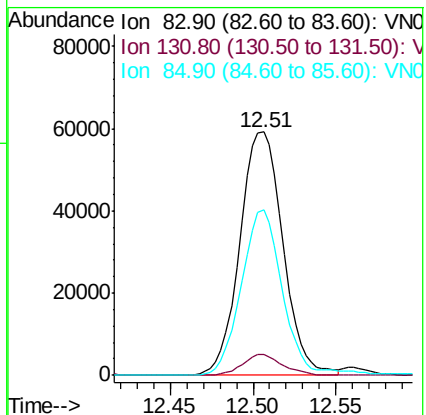
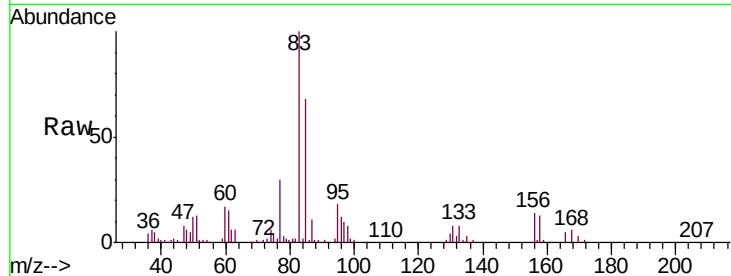
Tgt Ion: 83 Resp: 107225

Ion Ratio Lower Upper

83 100

131 7.9 4.3 13.1

85 65.2 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 31.697 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN057517.D

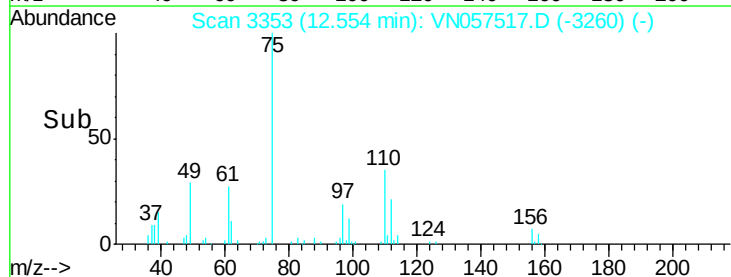
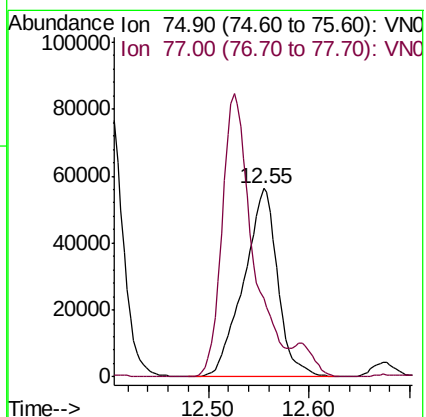
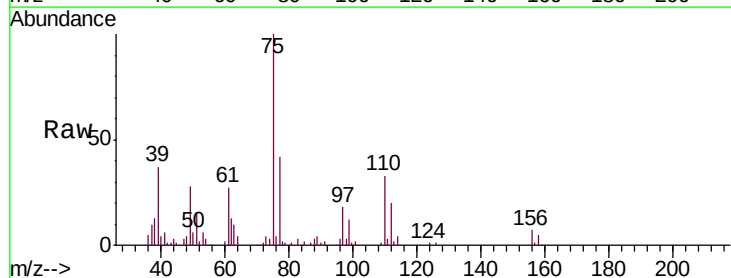
Acq: 26 Aug 2019 18:15

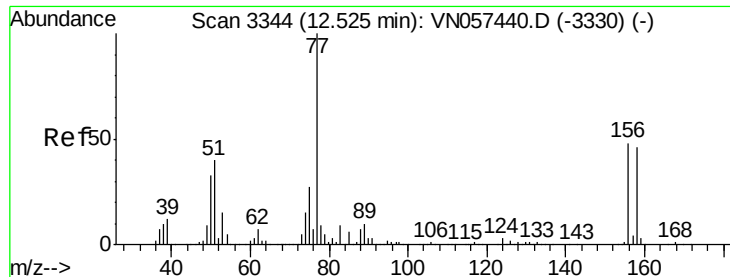
Tgt Ion: 75 Resp: 131502

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.957 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN057517.D

Acq: 26 Aug 2019 18:15

Instrument :

MSVOA_N

ClientSampleId :

VN0826WBS02

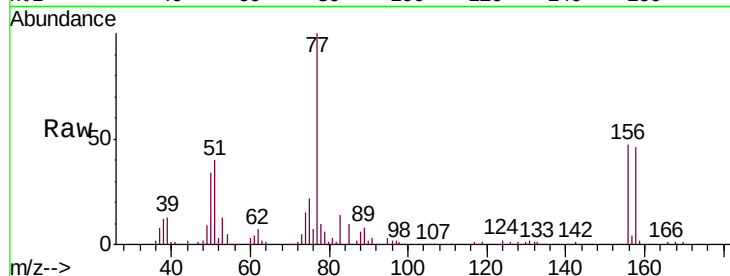
Tgt Ion:156 Resp: 71815

Ion Ratio Lower Upper

156 100

77 252.8 124.4 373.3

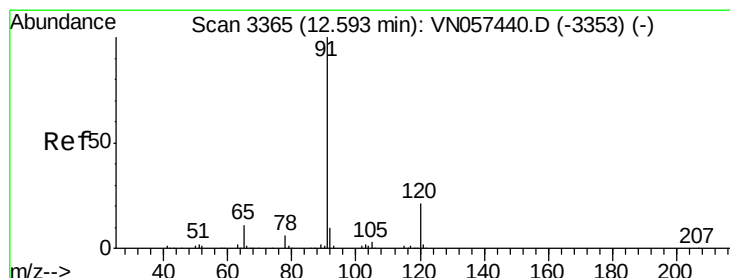
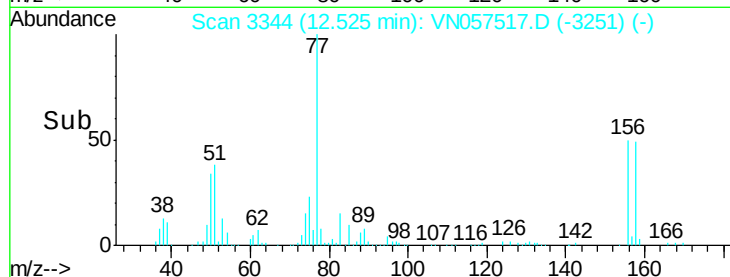
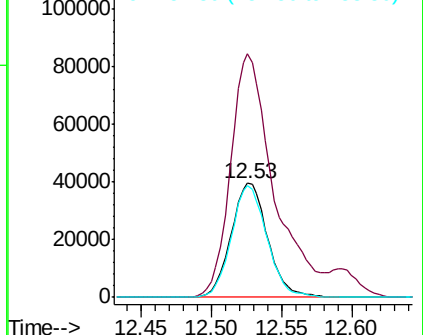
158 95.3 48.3 144.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.100 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN057517.D

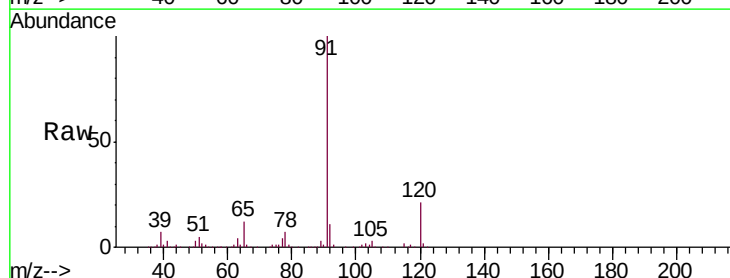
Acq: 26 Aug 2019 18:15

Tgt Ion: 91 Resp: 394334

Ion Ratio Lower Upper

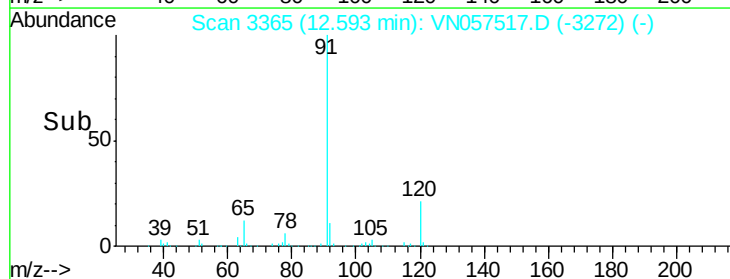
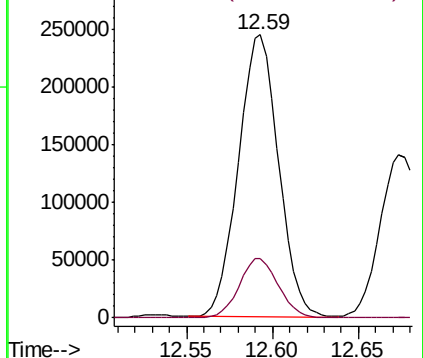
91 100

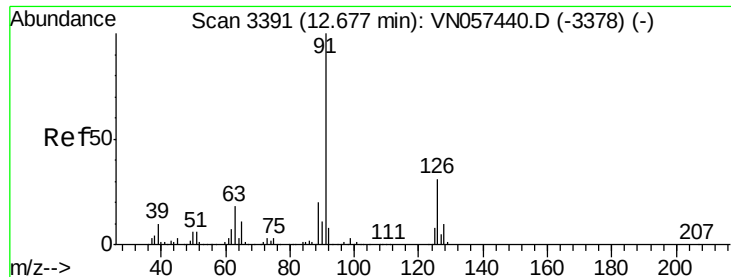
120 20.6 10.7 32.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.542 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN057517.D

Acq: 26 Aug 2019 18:15

Instrument :

MSVOA_N

ClientSampleId :

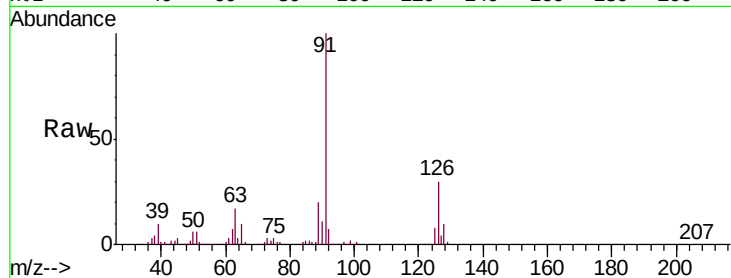
VN0826WBS02

Tgt Ion: 91 Resp: 240357

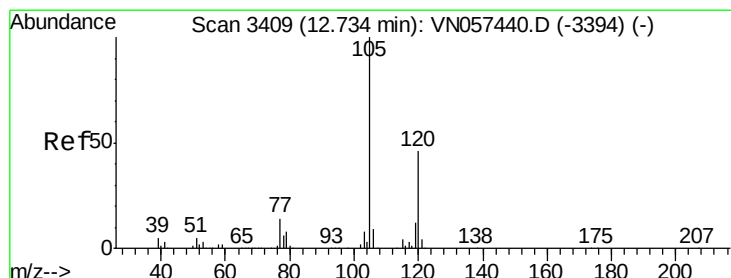
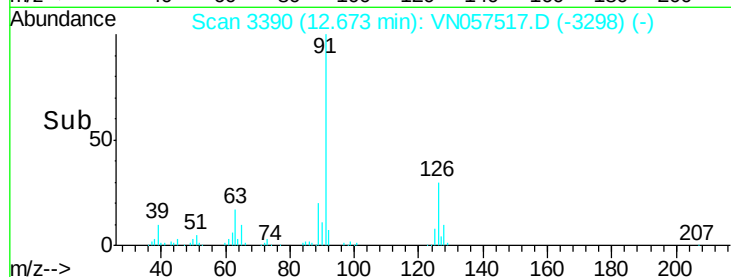
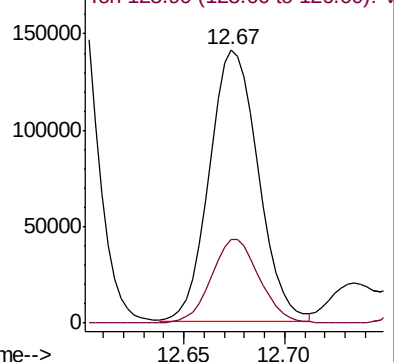
Ion Ratio Lower Upper

91 100

126 30.3 15.3 45.8



Abundance Ion 91.00 (90.70 to 91.70): VN057517.D (-3298) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.608 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN057517.D

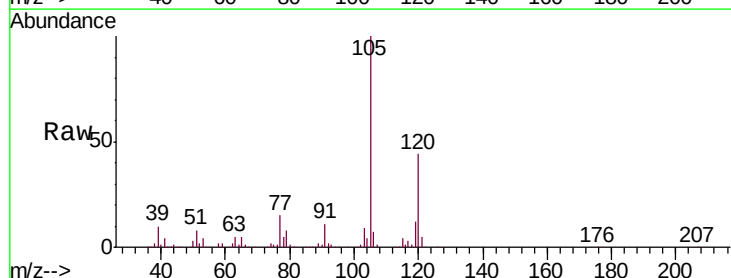
Acq: 26 Aug 2019 18:15

Tgt Ion: 105 Resp: 296380

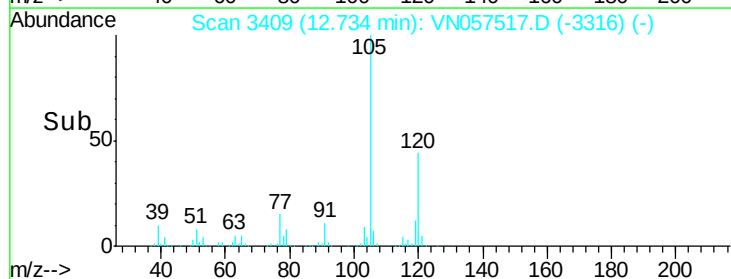
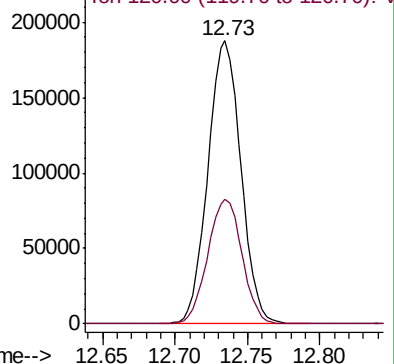
Ion Ratio Lower Upper

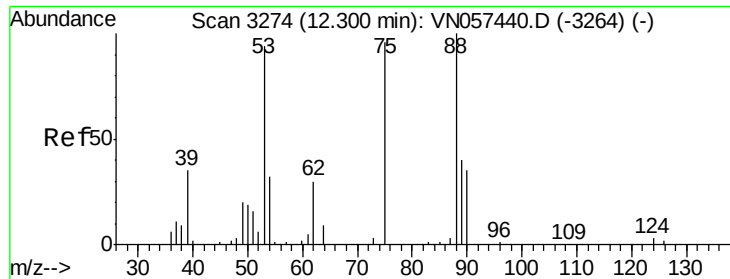
105 100

120 45.9 23.3 69.8



Abundance Ion 105.00 (104.70 to 105.70): VN057517.D (-3316) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 15.614 ug/l

RT: 12.30 min Scan# 3275

Delta R.T. 0.00 min

Lab File: VN057517.D

Acq: 26 Aug 2019 18:15

Instrument :

MSVOA_N

ClientSampleId :

VN0826WBS02

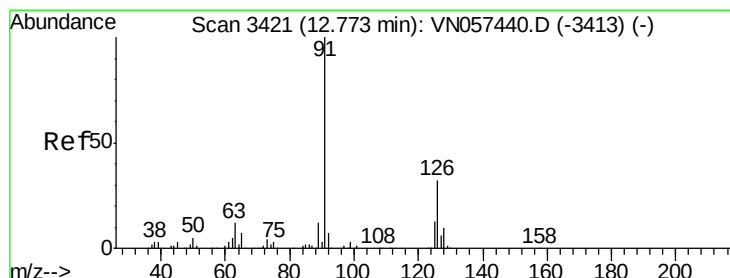
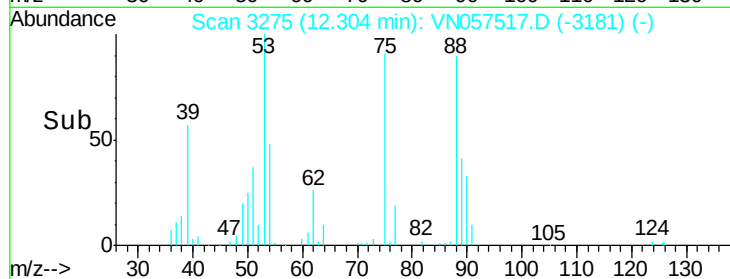
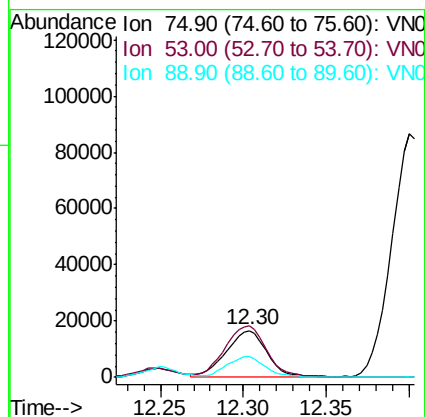
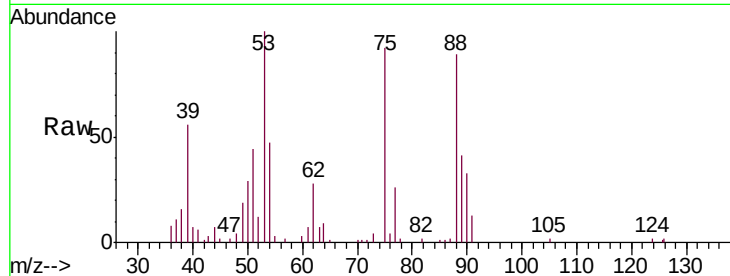
Tgt Ion: 75 Resp: 28665

Ion Ratio Lower Upper

75 100

53 113.3 82.7 124.1

89 42.7 35.8 53.8



#82

4-Chlorotoluene

Concen: 19.382 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN057517.D

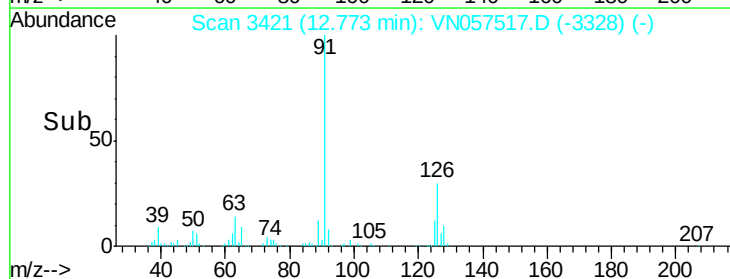
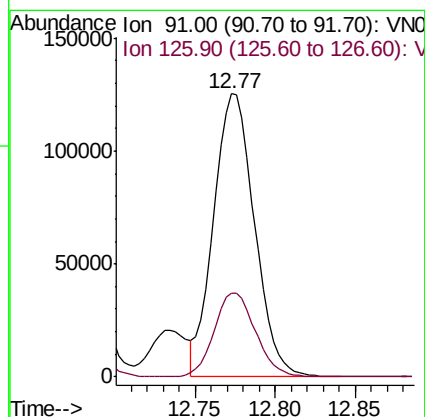
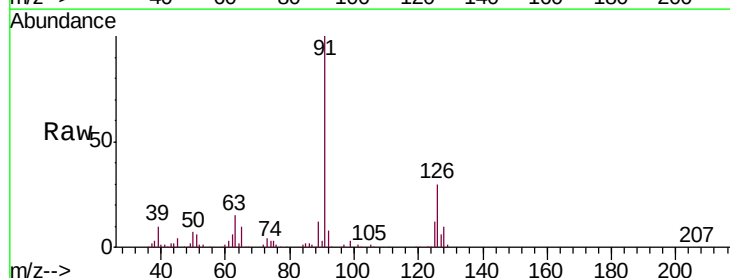
Acq: 26 Aug 2019 18:15

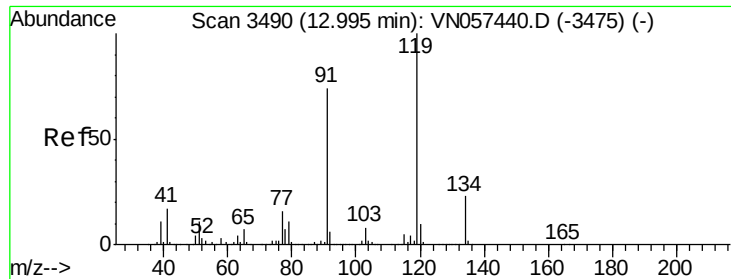
Tgt Ion: 91 Resp: 219908

Ion Ratio Lower Upper

91 100

126 30.0 15.0 45.0

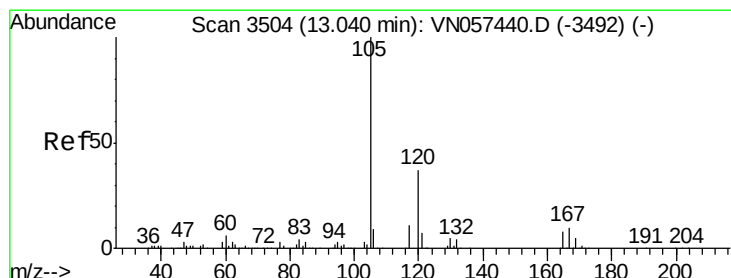
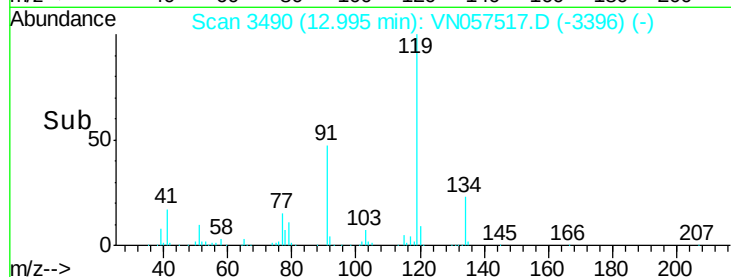
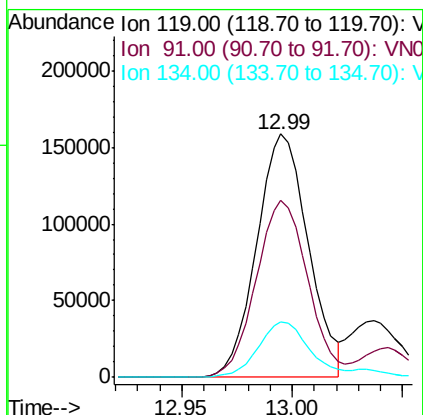
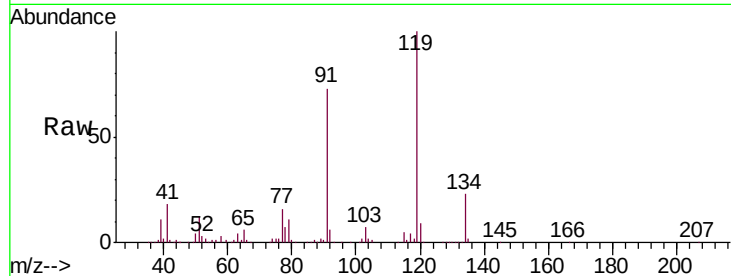




#83
 tert-Butylbenzene
 Concen: 21.091 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN057517.D
 Acq: 26 Aug 2019 18:15

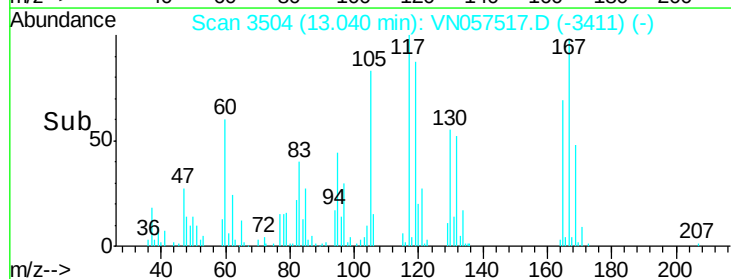
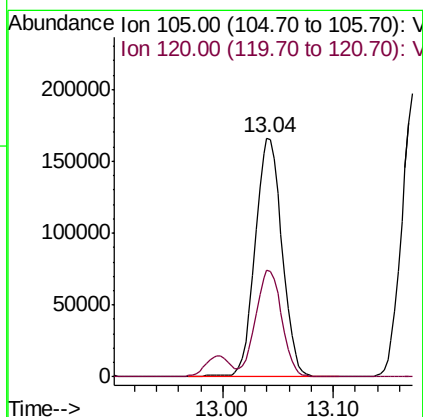
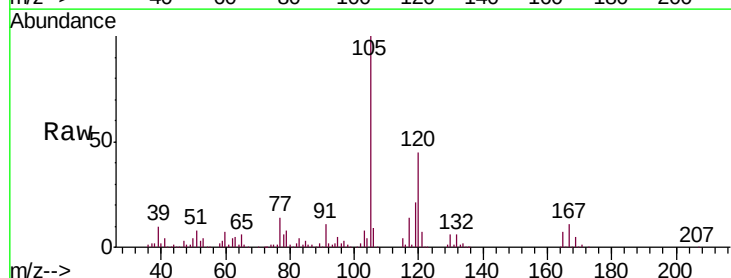
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0826WBS02

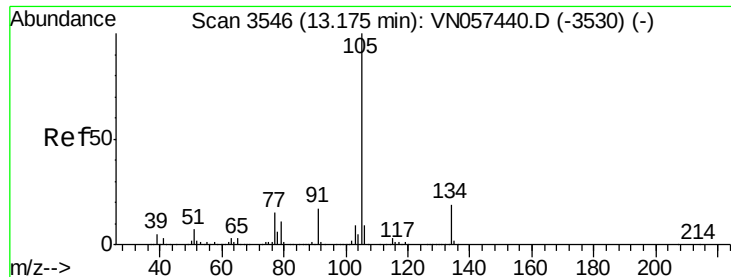
Tgt Ion:119 Resp: 256893
 Ion Ratio Lower Upper
 119 100
 91 72.9 37.0 111.0
 134 22.6 12.2 36.6



#84
 1,2,4-Trimethylbenzene
 Concen: 20.055 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN057517.D
 Acq: 26 Aug 2019 18:15

Tgt Ion:105 Resp: 280146
 Ion Ratio Lower Upper
 105 100
 120 43.4 21.9 65.7





#85

sec-Butylbenzene

Concen: 20.521 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN057517.D

Acq: 26 Aug 2019 18:15

Instrument :

MSVOA_N

ClientSampleId :

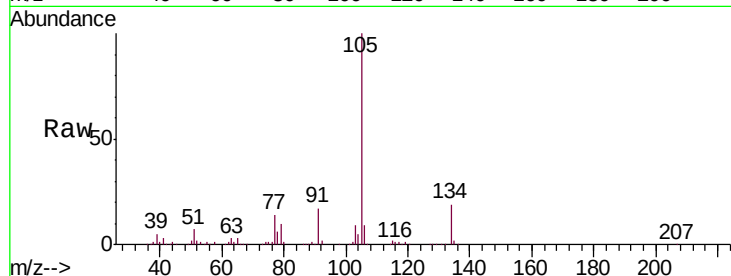
VN0826WBS02

Tgt Ion:105 Resp: 327805

Ion Ratio Lower Upper

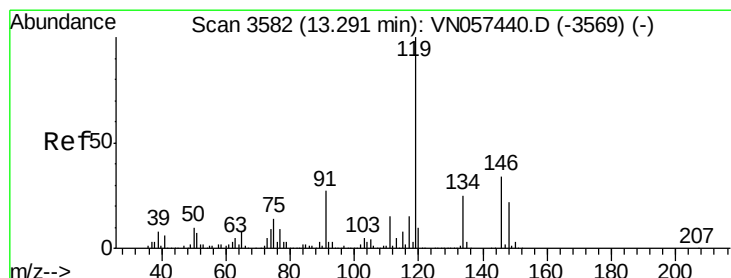
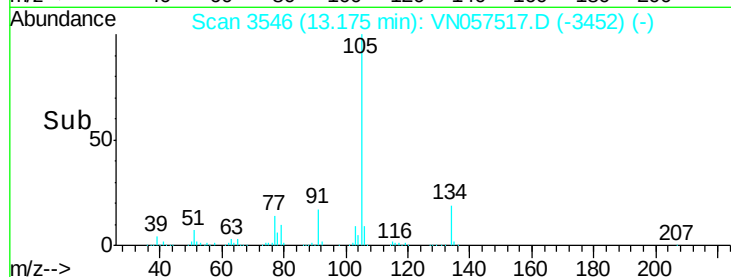
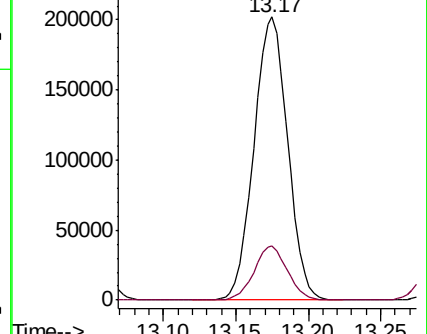
105 100

134 18.8 9.3 27.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.625 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN057517.D

Acq: 26 Aug 2019 18:15

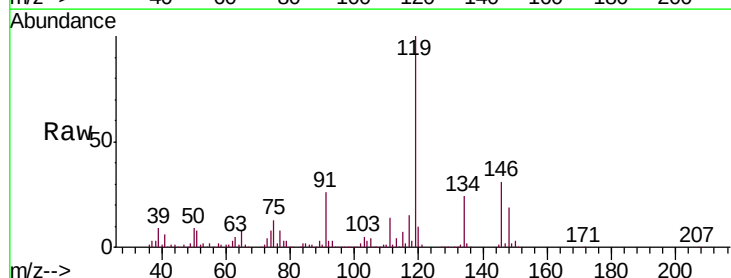
Tgt Ion:119 Resp: 275626

Ion Ratio Lower Upper

119 100

134 24.9 12.7 38.1

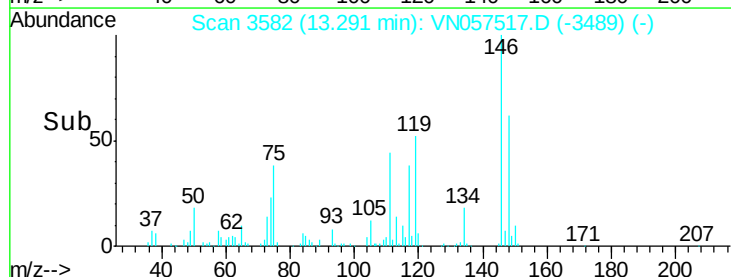
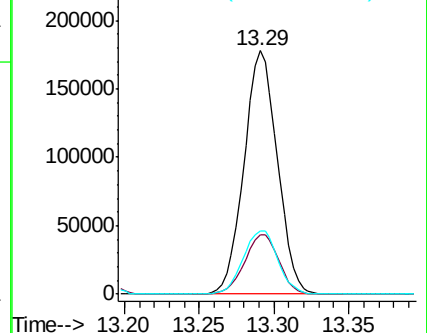
91 27.2 13.9 41.6

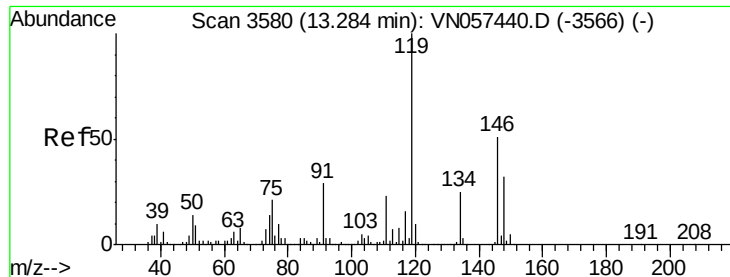


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

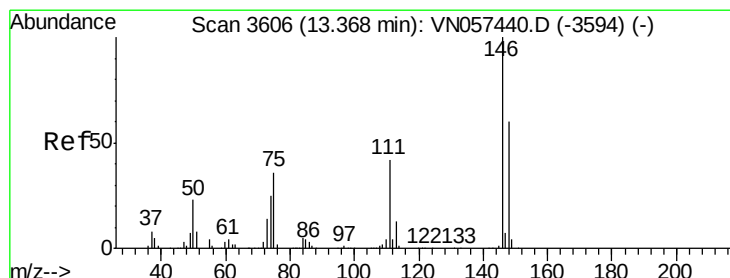
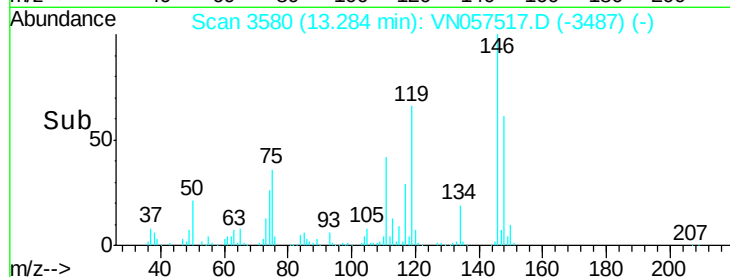
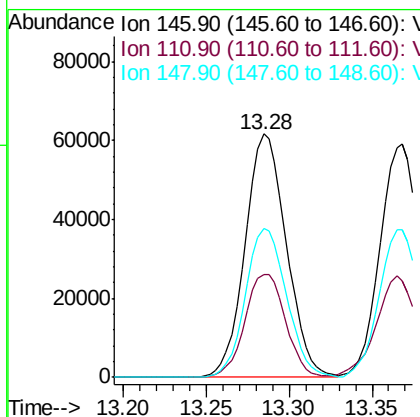
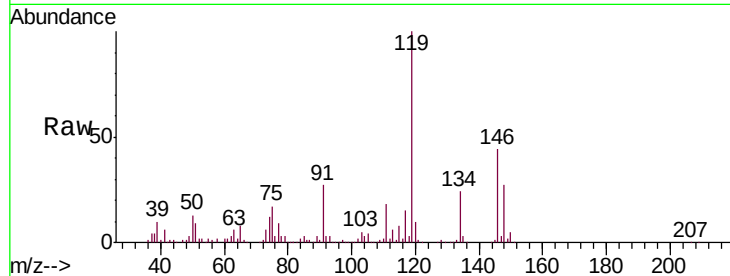




#87
 1,3-Dichlorobenzene
 Concen: 18.421 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN057517.D
 Acq: 26 Aug 2019 18:15

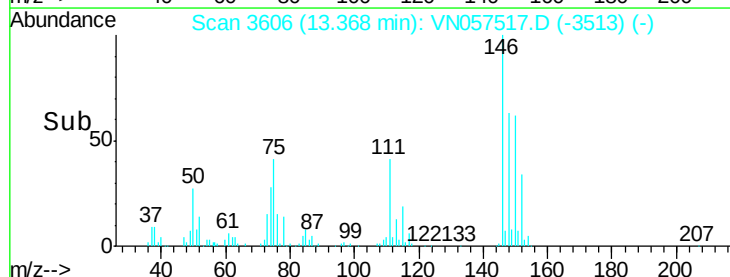
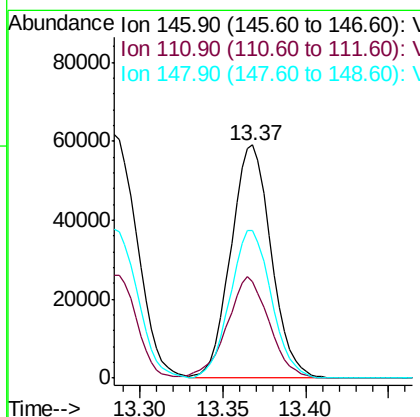
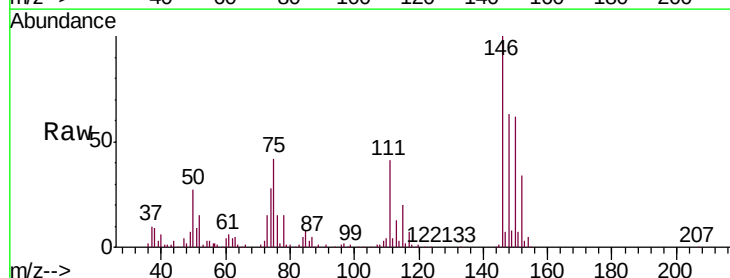
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0826WBS02

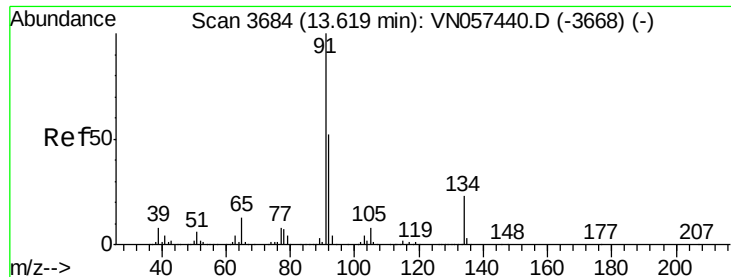
Tgt Ion:146 Resp: 106908
 Ion Ratio Lower Upper
 146 100
 111 41.6 22.1 66.1
 148 60.8 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 17.566 ug/l
 RT: 13.37 min Scan# 3606
 Delta R.T. 0.00 min
 Lab File: VN057517.D
 Acq: 26 Aug 2019 18:15

Tgt Ion:146 Resp: 99838
 Ion Ratio Lower Upper
 146 100
 111 45.3 21.9 65.5
 148 64.7 31.1 93.2





#89

n-Butylbenzene

Concen: 18.995 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. -0.00 min

Lab File: VN057517.D

Acq: 26 Aug 2019 18:15

Instrument :

MSVOA_N

ClientSampleId :

VN0826WBS02

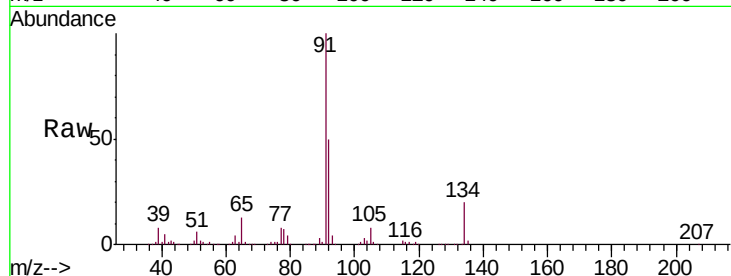
Tgt Ion: 91 Resp: 225760

Ion Ratio Lower Upper

91 100

92 49.7 25.7 77.0

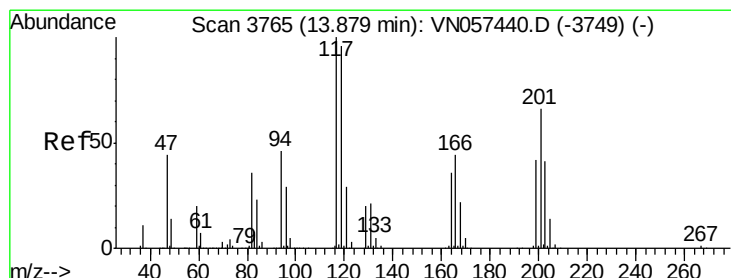
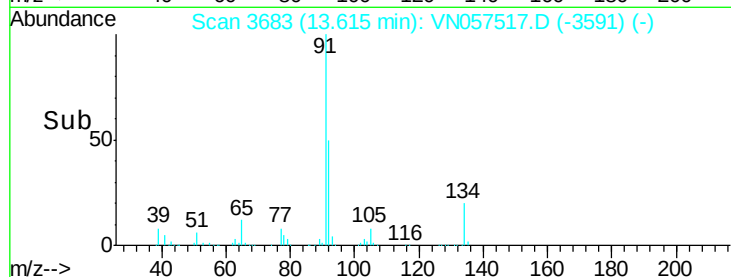
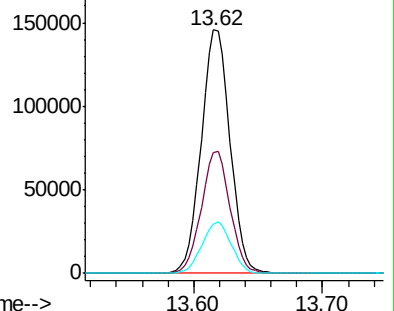
134 21.4 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VN057517.D (-3683) (-)

Ion 92.00 (91.70 to 92.70): VN057517.D (-3683) (-)

Ion 134.00 (133.70 to 134.70): VN057517.D (-3683) (-)



#90

Hexachloroethane

Concen: 17.791 ug/l

RT: 13.88 min Scan# 3764

Delta R.T. -0.00 min

Lab File: VN057517.D

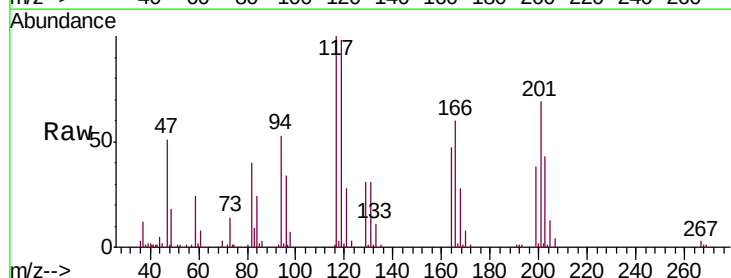
Acq: 26 Aug 2019 18:15

Tgt Ion: 117 Resp: 52767

Ion Ratio Lower Upper

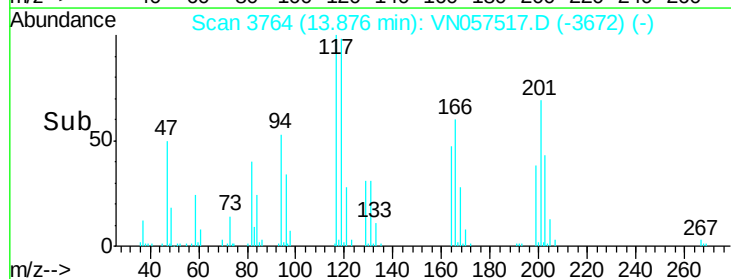
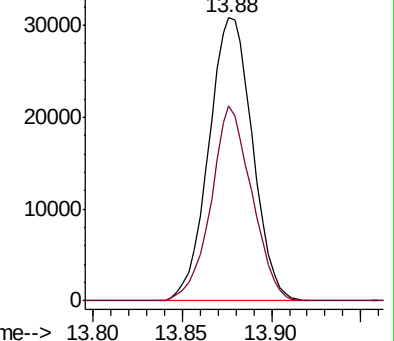
117 100

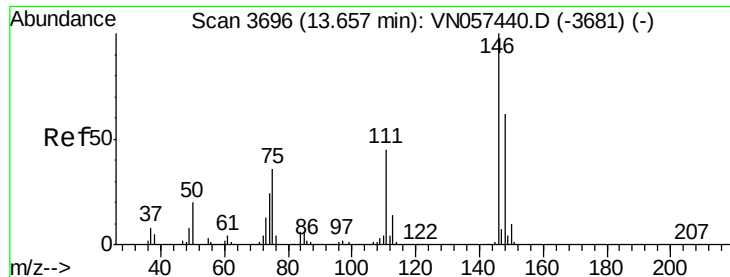
201 64.1 33.1 99.3



Abundance Ion 116.80 (116.50 to 117.50): VN057517.D (-3765) (-)

Ion 200.70 (200.40 to 201.40): VN057517.D (-3765) (-)

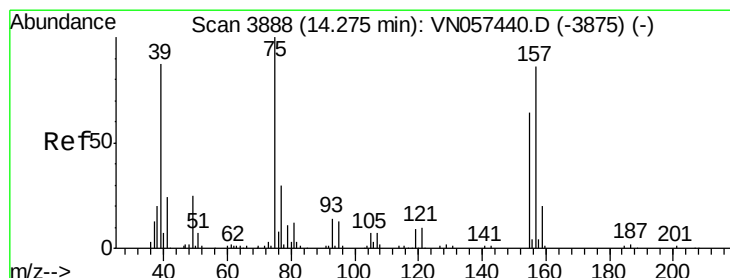
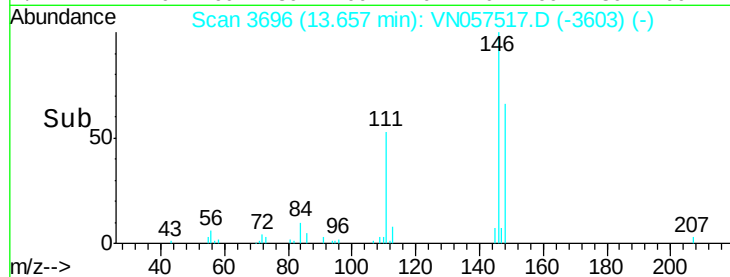
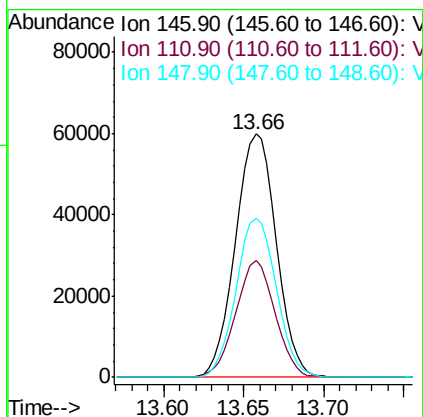
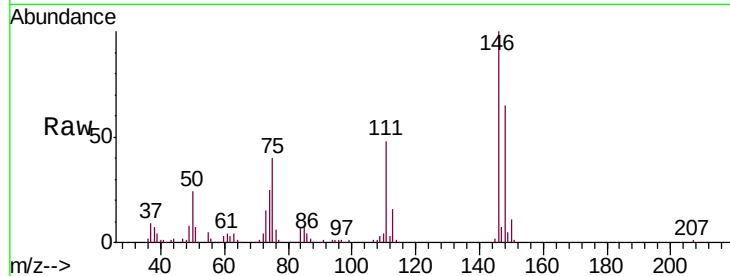




#91
 1,2-Dichlorobenzene
 Concen: 18.800 ug/l
 RT: 13.66 min Scan# 3696
 Delta R.T. 0.00 min
 Lab File: VN057517.D
 Acq: 26 Aug 2019 18:15

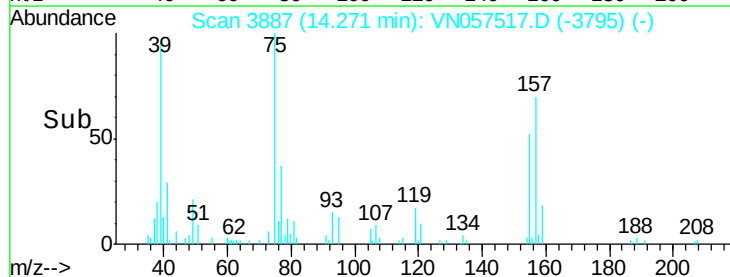
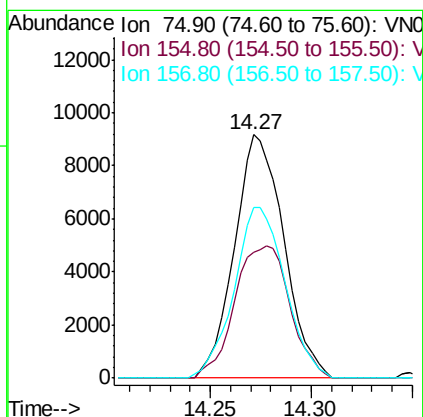
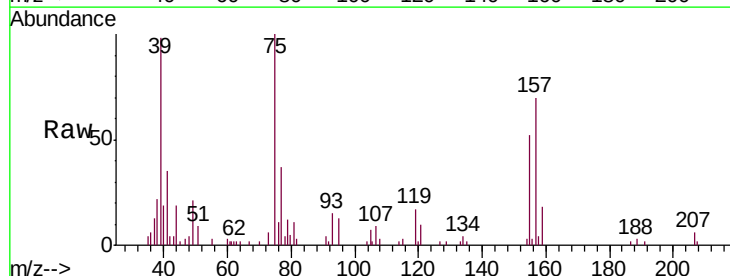
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0826WBS02

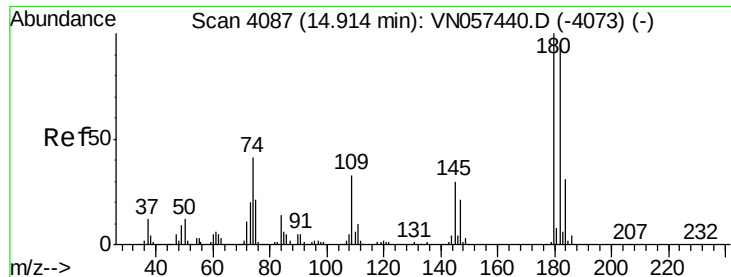
Tgt Ion:146 Resp: 104157
 Ion Ratio Lower Upper
 146 100
 111 46.2 23.1 69.2
 148 64.6 31.8 95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.980 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. -0.00 min
 Lab File: VN057517.D
 Acq: 26 Aug 2019 18:15

Tgt Ion: 75 Resp: 15712
 Ion Ratio Lower Upper
 75 100
 155 60.8 31.6 94.7
 157 72.6 43.3 129.8

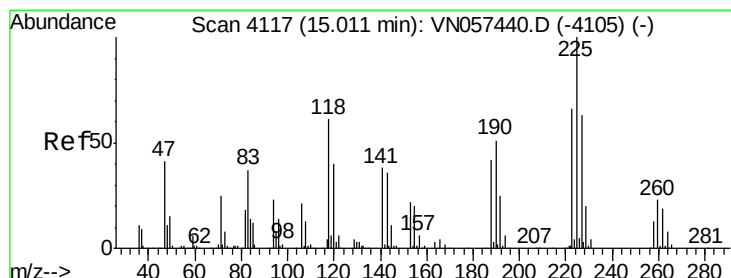
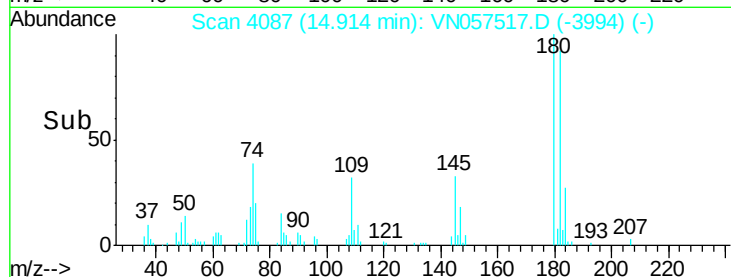
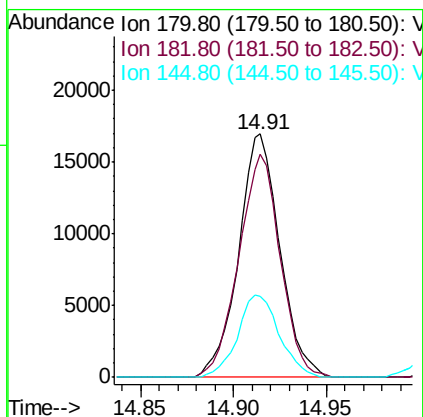
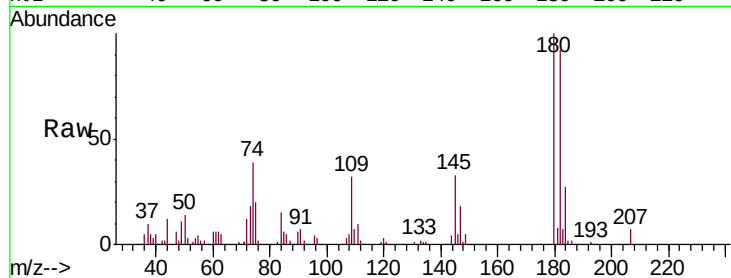




#93
 1,2,4-Trichlorobenzene
 Concen: 15.787 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN057517.D
 Acq: 26 Aug 2019 18:15

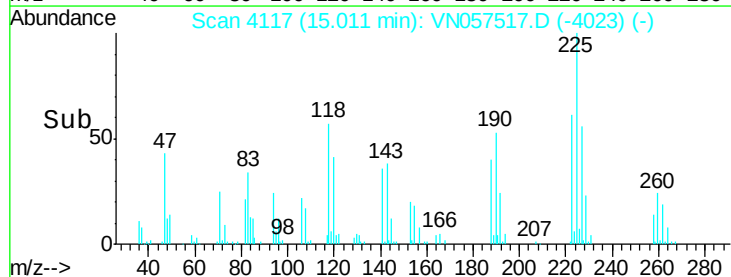
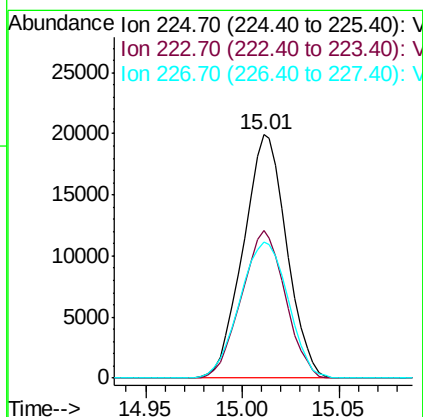
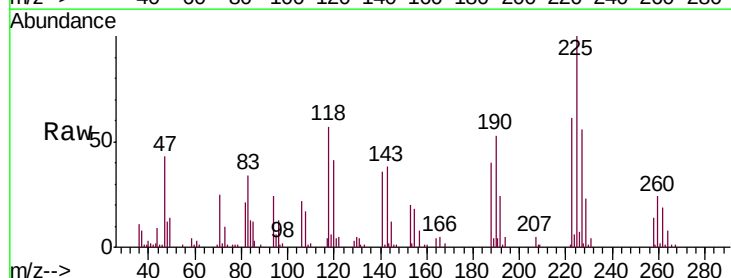
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0826WBS02

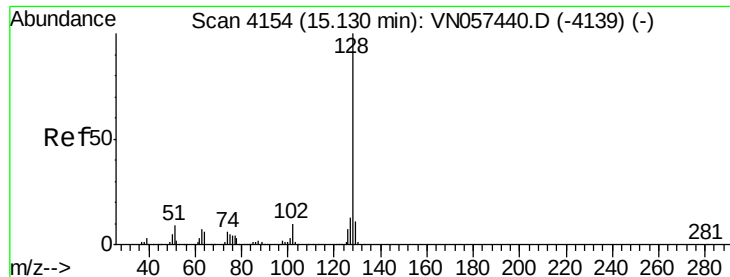
Tgt Ion:180 Resp: 26158
 Ion Ratio Lower Upper
 180 100
 182 92.1 46.7 140.1
 145 34.1 15.6 46.8



#94
 Hexachlorobutadiene
 Concen: 20.102 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN057517.D
 Acq: 26 Aug 2019 18:15

Tgt Ion:225 Resp: 31096
 Ion Ratio Lower Upper
 225 100
 223 61.0 32.0 96.2
 227 62.2 31.5 94.5

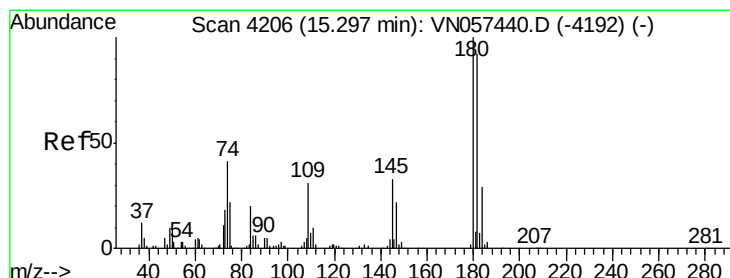
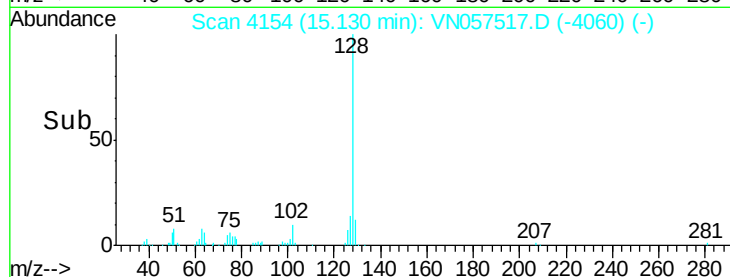
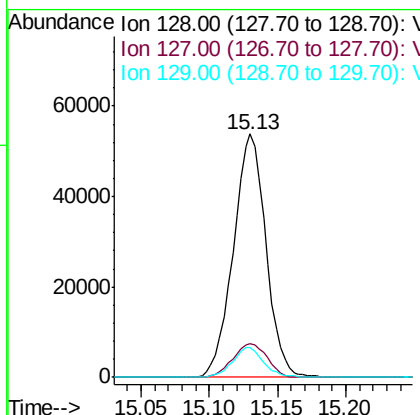
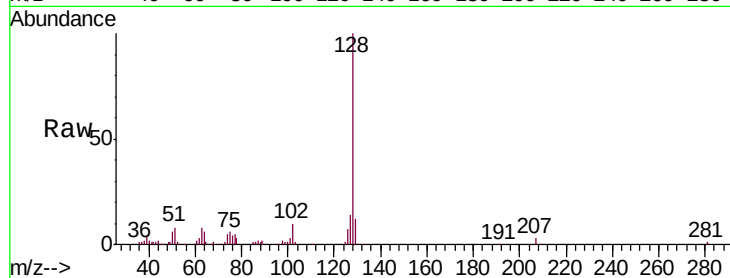




#95
Naphthalene
Concen: 15.756 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN057517.D
Acq: 26 Aug 2019 18:15

Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS02

Tgt Ion:128 Resp: 89360
Ion Ratio Lower Upper
128 100
127 14.4 10.5 15.7
129 11.6 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 16.247 ug/l
RT: 15.29 min Scan# 4205
Delta R.T. -0.00 min
Lab File: VN057517.D
Acq: 26 Aug 2019 18:15

Tgt Ion:180 Resp: 27776
Ion Ratio Lower Upper
180 100
182 89.7 46.7 140.1
145 30.8 16.8 50.3

