

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072619\
 Data File : VN056934.D
 Acq On : 25 Jul 2019 21:14
 Operator : JC/SP
 Sample : VN0726WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0726WBS01

Quant Time: Jul 26 04:16:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072619W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 26 04:10:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	448181	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	667262	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	581506	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	225853	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	250140	53.94	ug/l	0.00
Spiked Amount			Recovery	=	107.88%	
35) Dibromofluoromethane	7.58	113	225436	52.95	ug/l	0.00
Spiked Amount			Recovery	=	105.90%	
50) Toluene-d8	10.08	98	854462	52.86	ug/l	0.00
Spiked Amount			Recovery	=	105.72%	
62) 4-Bromofluorobenzene	12.39	95	262961	49.82	ug/l	0.00
Spiked Amount			Recovery	=	99.64%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.84	85	106929	20.440	ug/l	99
3) Chloromethane	2.05	50	119736	20.729	ug/l	99
4) Vinyl Chloride	2.17	62	111763	20.548	ug/l	97
5) Bromomethane	2.55	94	68999	20.973	ug/l	97
6) Chloroethane	2.69	64	61469	20.360	ug/l	97
7) Trichlorofluoromethane	3.00	101	148727	20.980	ug/l	99
8) Diethyl Ether	3.39	74	54195	20.414	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.74	101	85757	19.688	ug/l	98
10) Methyl Iodide	3.93	142	120835	18.880	ug/l	99
11) Tert butyl alcohol	4.77	59	66402	99.251	ug/l	99
12) 1,1-Dichloroethene	3.72	96	87264	20.748	ug/l	100
13) Acrolein	3.59	56	33916	90.460	ug/l	97
14) Allyl chloride	4.30	41	133192	19.518	ug/l	99
15) Acrylonitrile	4.96	53	200087	103.925	ug/l	99
16) Acetone	3.80	43	145589	91.928	ug/l	99
17) Carbon Disulfide	4.03	76	213252	18.825	ug/l	100
18) Methyl Acetate	4.31	43	110170	19.870	ug/l	99
19) Methyl tert-butyl Ether	5.02	73	257934	20.856	ug/l	99
20) Methylene Chloride	4.53	84	99567	19.853	ug/l	98
21) trans-1,2-Dichloroethene	5.02	96	91289	20.283	ug/l	97
22) Diisopropyl ether	5.93	45	292945	21.079	ug/l	98
23) Vinyl Acetate	5.88	43	984623	102.851	ug/l	100
24) 1,1-Dichloroethane	5.83	63	167091	20.464	ug/l	99
25) 2-Butanone	6.82	43	237420	97.391	ug/l	99
26) 2,2-Dichloropropane	6.81	77	103340	17.246	ug/l	97
27) cis-1,2-Dichloroethene	6.82	96	105364	20.515	ug/l	98
28) Bromochloromethane	7.18	49	84590	22.449	ug/l	97
29) Tetrahydrofuran	7.20	42	168538	105.508	ug/l	99
30) Chloroform	7.36	83	164985	19.620	ug/l	99
31) Cyclohexane	7.64	56	157784	19.858	ug/l	97
32) 1,1,1-Trichloroethane	7.55	97	135456	20.114	ug/l	99
36) 1,1-Dichloropropene	7.78	75	120904	19.819	ug/l	100
37) Ethyl Acetate	6.91	43	99355	20.099	ug/l	98
38) Carbon Tetrachloride	7.76	117	115517	19.908	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Fri Jul 26 04:10:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	149097	20.054	ug/l	98
40) Benzene	8.03	78	386649	20.325	ug/l	97
41) Methacrylonitrile	7.19	41	148212	68.172	ug/l #	100
42) 1,2-Dichloroethane	8.11	62	119763	20.383	ug/l	99
43) Isopropyl Acetate	8.15	43	164355	20.209	ug/l #	91
44) Trichloroethene	8.82	130	107362	20.688	ug/l	99
45) 1,2-Dichloropropane	9.11	63	104199	20.382	ug/l	98
46) Dibromomethane	9.20	93	62846	20.391	ug/l	98
47) Bromodichloromethane	9.39	83	120738	20.061	ug/l	99
48) Methyl methacrylate	9.19	41	79550	20.376	ug/l	100
49) 1,4-Dioxane	9.19	88	33234	406.529	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	499493	103.297	ug/l	100
52) Toluene	10.15	92	237612	20.826	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	118378	19.509	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	138795	19.430	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	91327	19.973	ug/l	97
56) Ethyl methacrylate	10.42	69	130570	21.238	ug/l	97
57) 1,3-Dichloropropane	10.70	76	152798	20.417	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	262634	99.374	ug/l	100
59) 2-Hexanone	10.74	43	336507	101.509	ug/l	100
60) Dibromochloromethane	10.89	129	91111	19.612	ug/l	99
61) 1,2-Dibromoethane	11.00	107	93450	20.590	ug/l	98
64) Tetrachloroethene	10.62	164	111038	20.904	ug/l	99
65) Chlorobenzene	11.43	112	248009	20.385	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	93175	20.593	ug/l	98
67) Ethyl Benzene	11.50	91	431026	20.577	ug/l	100
68) m/p-Xylenes	11.62	106	323071	41.361	ug/l	98
69) o-Xylene	11.94	106	161592	21.142	ug/l	97
70) Styrene	11.96	104	253419	19.536	ug/l	99
71) Bromoform	12.12	173	61132	19.452	ug/l #	100
73) Isopropylbenzene	12.24	105	421763	21.705	ug/l	99
74) N-amyl acetate	12.06	43	122510	20.302	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	118118	22.520	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	134311	29.388	ug/l #	100
77) Bromobenzene	12.52	156	106483	20.272	ug/l	98
78) n-propylbenzene	12.59	91	443354	20.422	ug/l	100
79) 2-Chlorotoluene	12.67	91	272929	21.388	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	351768	20.723	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	27233	18.994	ug/l	94
82) 4-Chlorotoluene	12.77	91	253314	20.400	ug/l	99
83) tert-Butylbenzene	12.99	119	303300	21.720	ug/l	98
84) 1,2,4-Trimethylbenzene	13.03	105	339606	21.127	ug/l	100
85) sec-Butylbenzene	13.17	105	386601	20.442	ug/l	99
86) p-Isopropyltoluene	13.28	119	342446	20.491	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	160900	20.473	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	152296	20.237	ug/l	99
89) n-Butylbenzene	13.61	91	253894	19.670	ug/l	100
90) Hexachloroethane	13.87	117	55006	20.132	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	164043	20.607	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.26	75	15948	19.730	ug/l	98

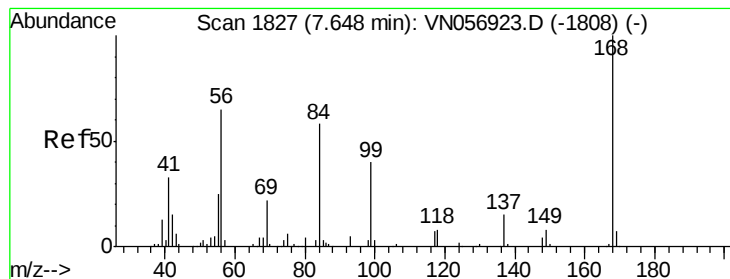
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072619\
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Quant Title : SW846 8260
QLast Update : Fri Jul 26 04:10:25 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	60329	17.507	ug/l	99
94) Hexachlorobutadiene	15.00	225	61587	20.825	ug/l	99
95) Naphthalene	15.12	128	148964	17.362	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	69664	18.199	ug/l	99

(#) = 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: VN056934.D

Acq: 25 Jul 2019 21:14

Instrument :

MSVOA_N

ClientSampleId :

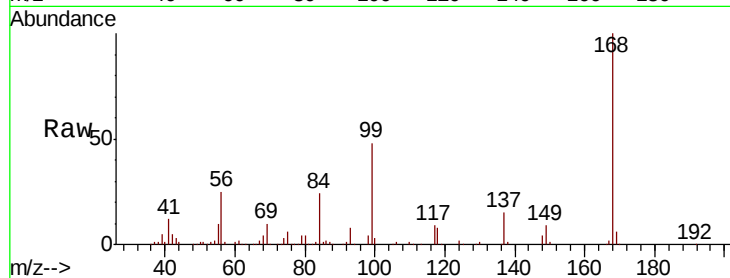
VN0726WBS01

Tot Ion:168 Resp: 448181

Ion Ratio Lower Upper

168 100

99 48.1 38.6 58.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

200000

150000

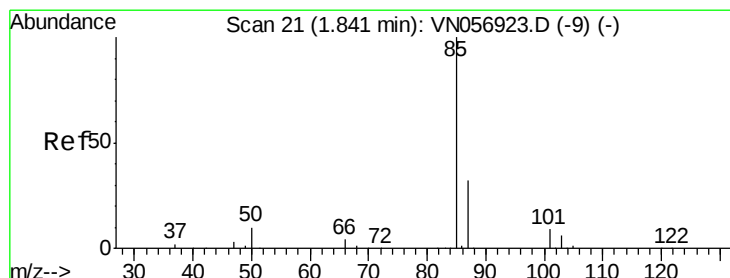
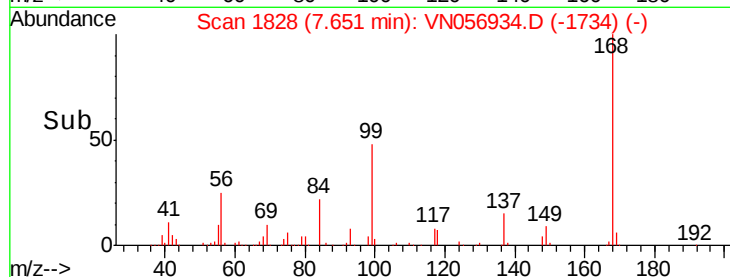
100000

50000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 20.440 ug/l

RT: 1.84 min Scan# 21

Delta R.T. -0.00 min

Lab File: VN056934.D

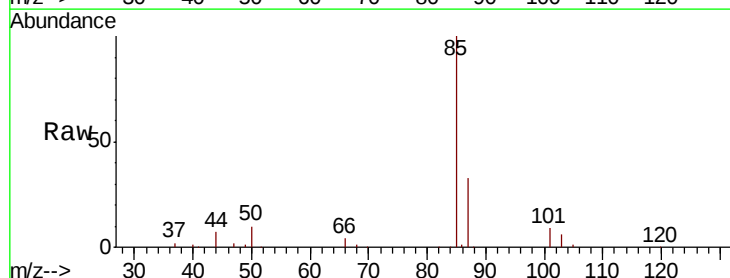
Acq: 25 Jul 2019 21:14

Tgt Ion: 85 Resp: 106929

Ion Ratio Lower Upper

85 100

87 32.6 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.84

80000

60000

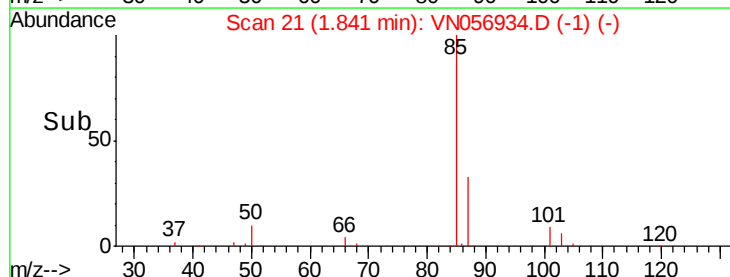
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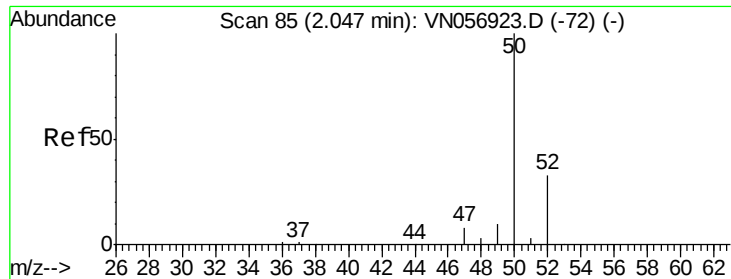
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1.80 1.85 1.90

Time-->

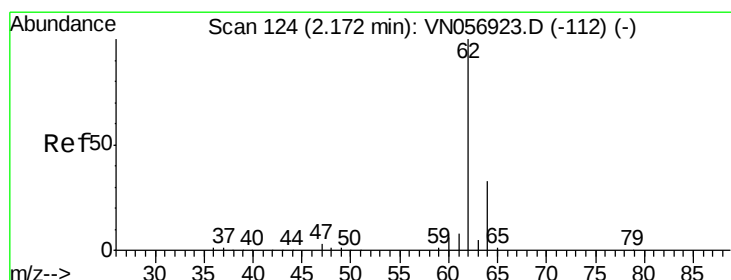
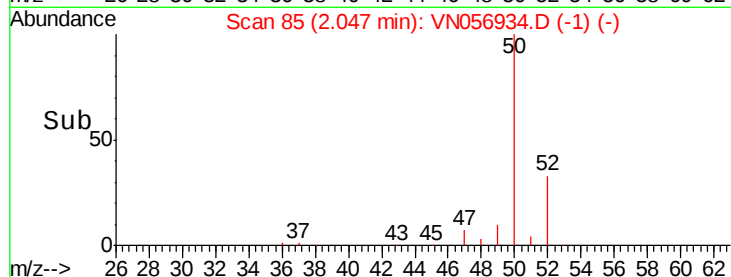
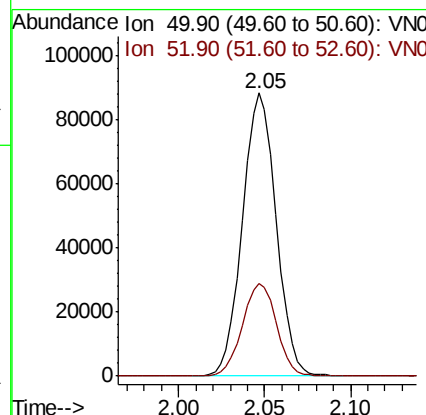
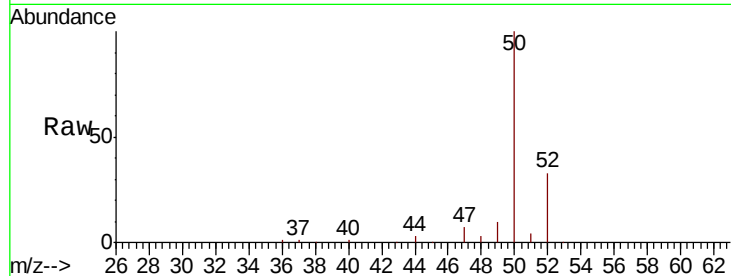




#3
 Chloromethane
 Concen: 20.729 ug/l
 RT: 2.05 min Scan# 85
 Delta R.T. -0.00 min
 Lab File: VN056934.D
 Acq: 25 Jul 2019 21:14

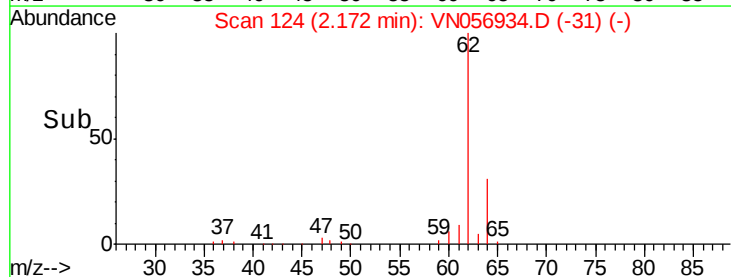
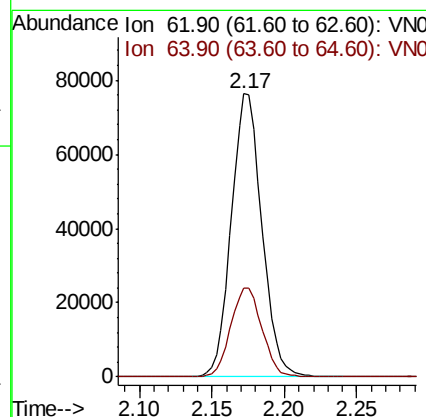
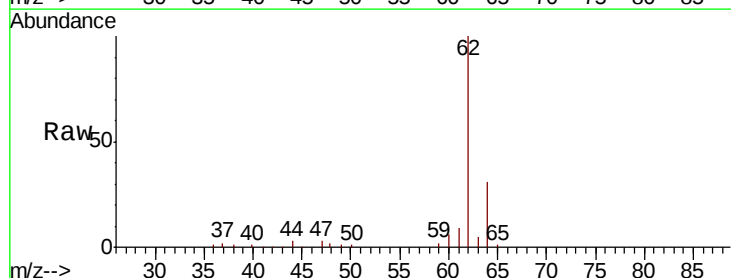
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0726WBS01

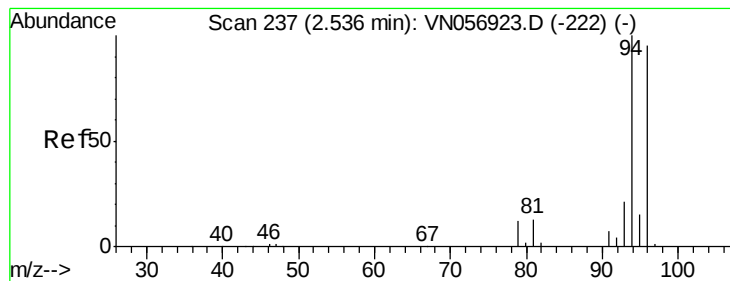
Tot Ion: 50 Resp: 119736
 Ion Ratio Lower Upper
 50 100
 52 32.7 26.8 40.2



#4
 Vinyl Chloride
 Concen: 20.548 ug/l
 RT: 2.17 min Scan# 124
 Delta R.T. -0.00 min
 Lab File: VN056934.D
 Acq: 25 Jul 2019 21:14

Tgt Ion: 62 Resp: 111763
 Ion Ratio Lower Upper
 62 100
 64 31.4 26.4 39.6





#5

Bromomethane

Concen: 20.973 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.01 min

Lab File: VN056934.D

Acq: 25 Jul 2019 21:14

Instrument :

MSVOA_N

ClientSampleId :

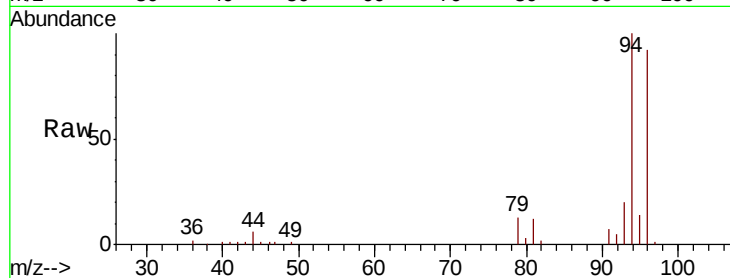
VN0726WBS01

Tot Ion: 94 Resp: 68999

Ion Ratio Lower Upper

94 100

96 92.0 75.7 113.5



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.55

30000

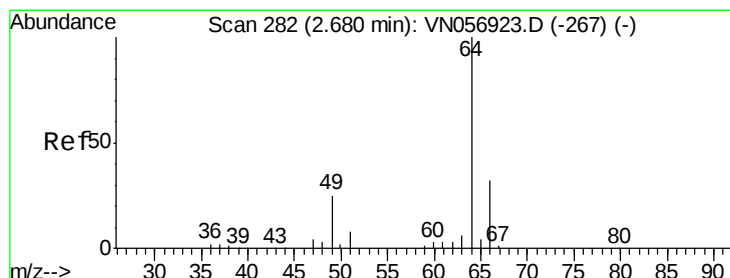
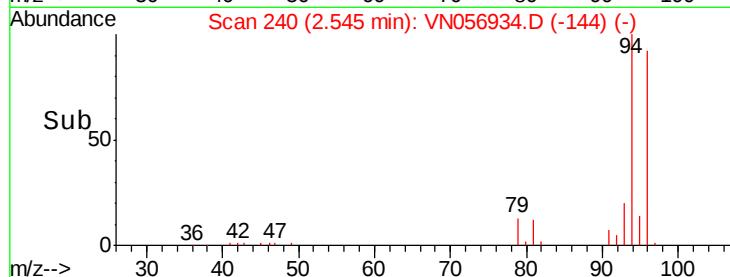
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10000

0

Time-->

2.45 2.50 2.55 2.60 2.65



#6

Chloroethane

Concen: 20.360 ug/l

RT: 2.69 min Scan# 284

Delta R.T. 0.01 min

Lab File: VN056934.D

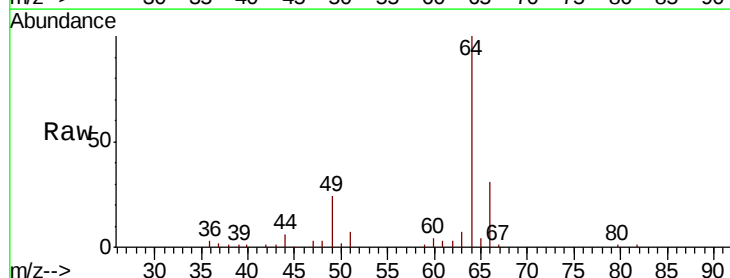
Acq: 25 Jul 2019 21:14

Tgt Ion: 64 Resp: 61469

Ion Ratio Lower Upper

64 100

66 30.8 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.69

30000

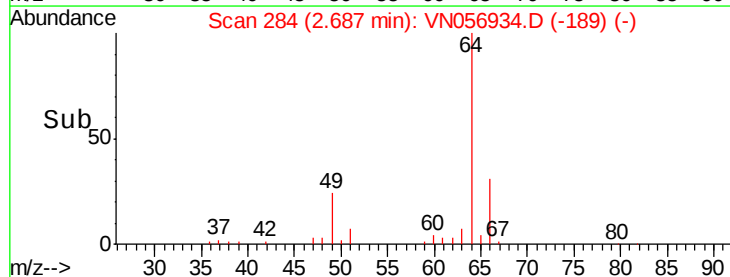
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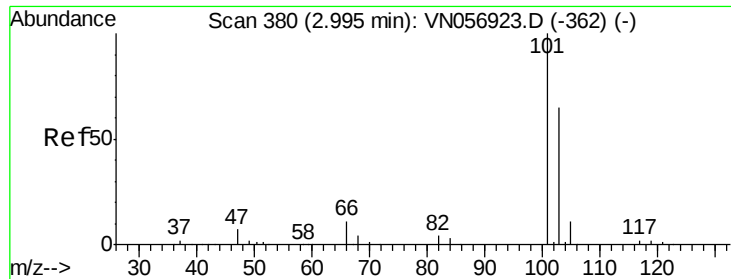
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Time-->

2.60 2.65 2.70 2.75 2.80



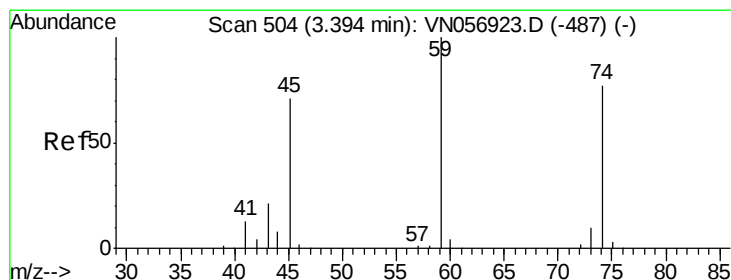
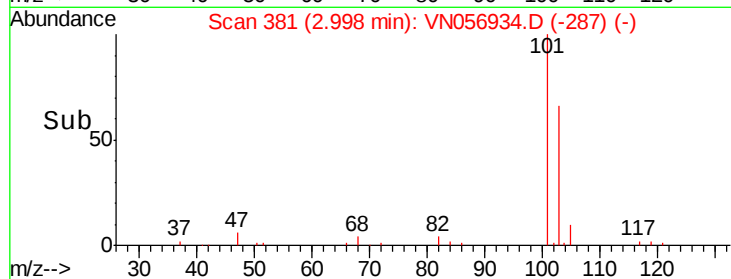
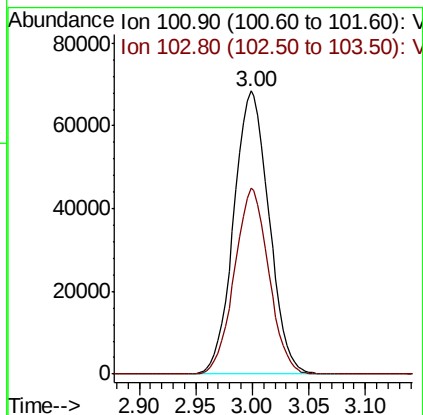
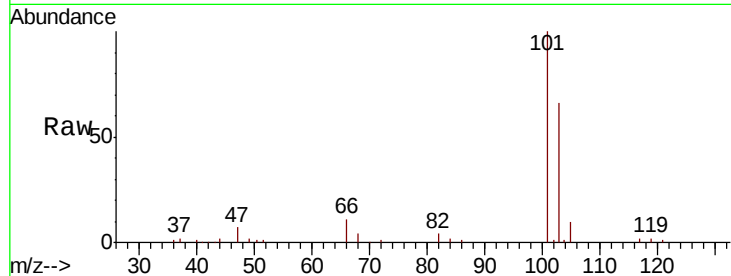


#7

Trichlorofluoromethane
 Concen: 20.980 ug/l
 RT: 3.00 min Scan# 381
 Delta R.T. 0.00 min
 Lab File: VN056934.D
 Acq: 25 Jul 2019 21:14

Instrument :
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 ClientSampleId :
 VN0726WBS01

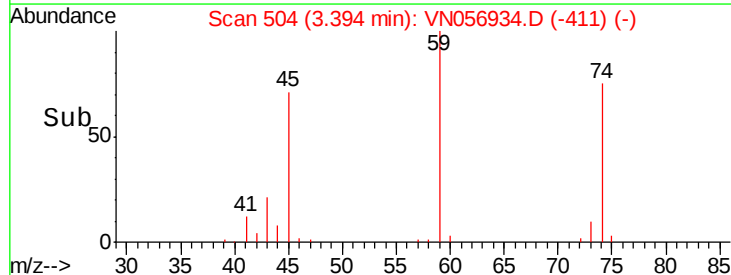
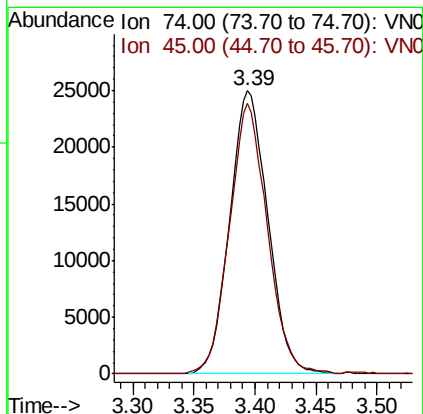
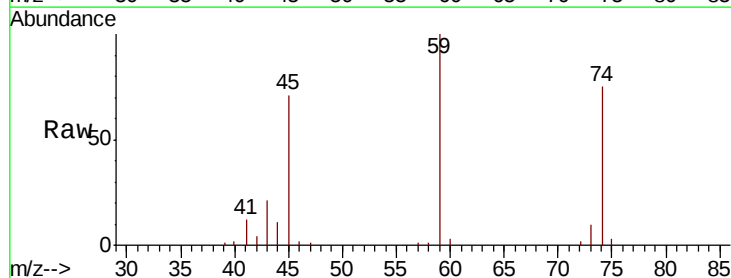
Tot Ion:101 Resp: 148727
 Ion Ratio Lower Upper
 101 100
 103 65.6 52.0 78.0

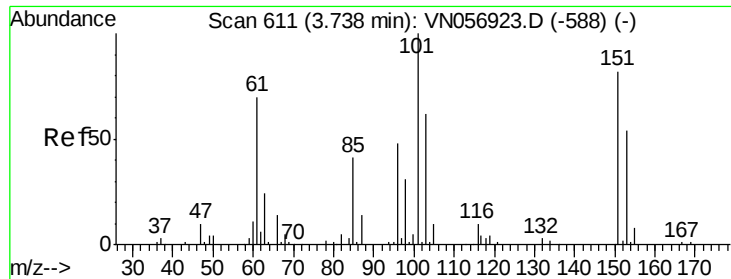


#8

Diethyl Ether
 Concen: 20.414 ug/l
 RT: 3.39 min Scan# 504
 Delta R.T. -0.00 min
 Lab File: VN056934.D
 Acq: 25 Jul 2019 21:14

Tgt Ion: 74 Resp: 54195
 Ion Ratio Lower Upper
 74 100
 45 95.0 48.1 144.4

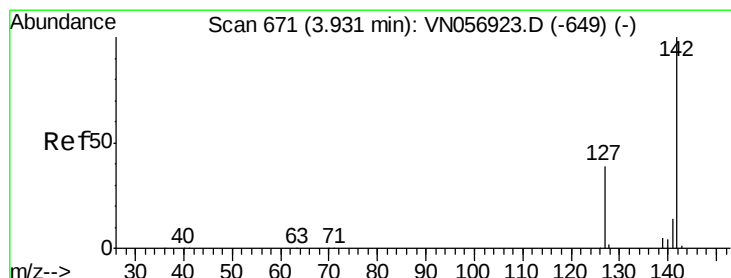
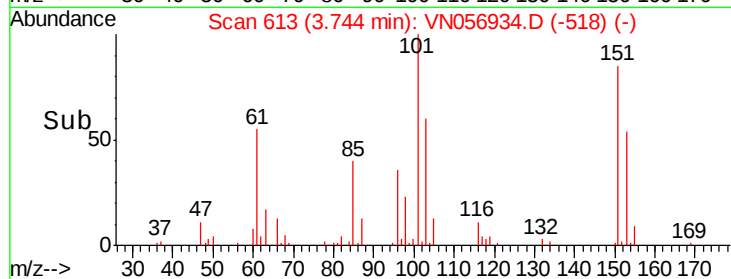
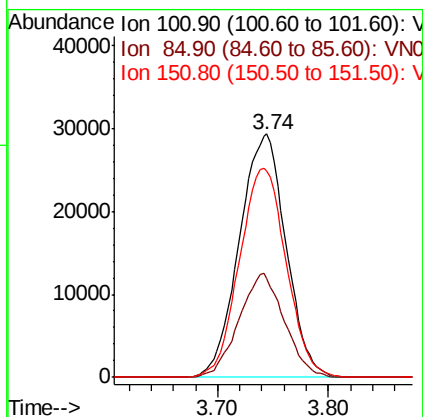
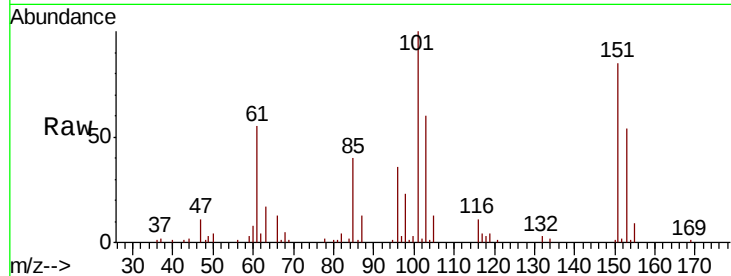




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.688 ug/l
 RT: 3.74 min Scan# 613
 Delta R.T. 0.01 min
 Lab File: VN056934.D
 Acq: 25 Jul 2019 21:14

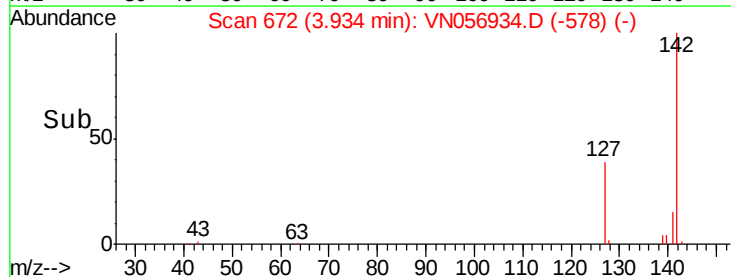
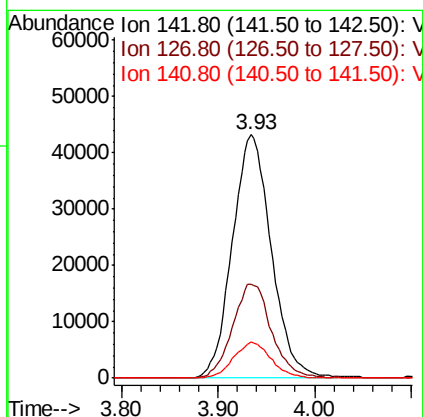
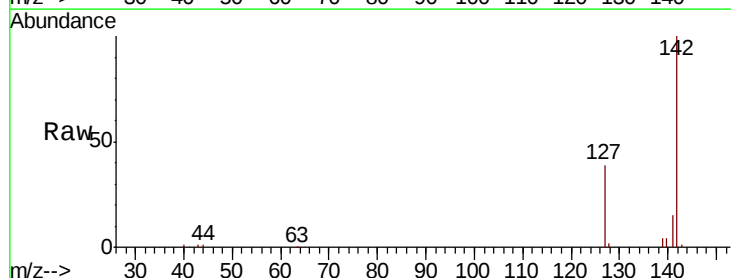
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0726WBS01

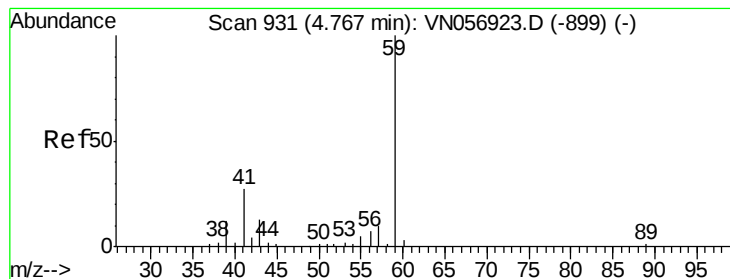
Tot Ion:101 Resp: 85757
 Ion Ratio Lower Upper
 101 100
 85 41.6 32.7 49.1
 151 86.3 67.4 101.0



#10
 Methyl Iodide
 Concen: 18.880 ug/l
 RT: 3.93 min Scan# 672
 Delta R.T. 0.00 min
 Lab File: VN056934.D
 Acq: 25 Jul 2019 21:14

Tgt Ion:142 Resp: 120835
 Ion Ratio Lower Upper
 142 100
 127 38.6 30.5 45.7
 141 14.1 11.1 16.7



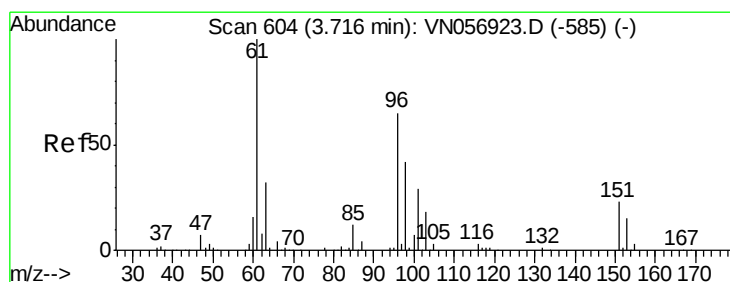
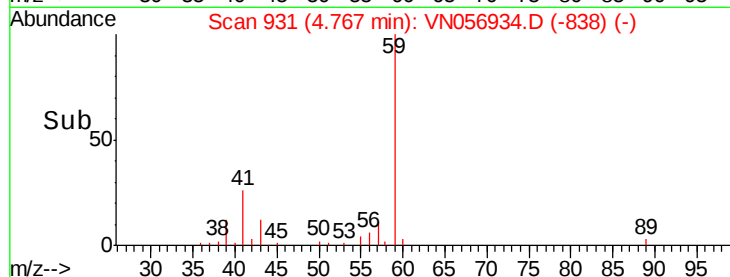
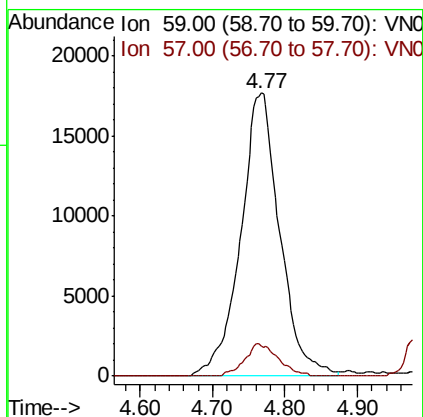
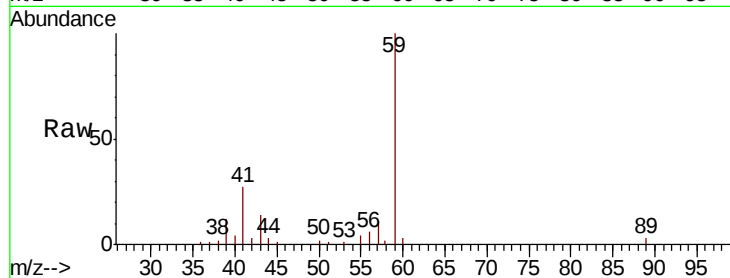


#11

Tert butyl alcohol
 Concen: 99.251 ug/l
 RT: 4.77 min Scan# 931
 Delta R.T. -0.00 min
 Lab File: VN056934.D
 Acq: 25 Jul 2019 21:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0726WBS01

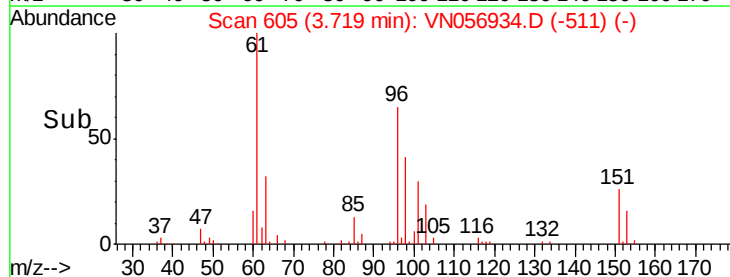
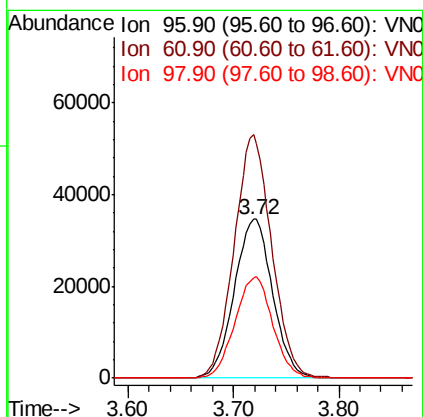
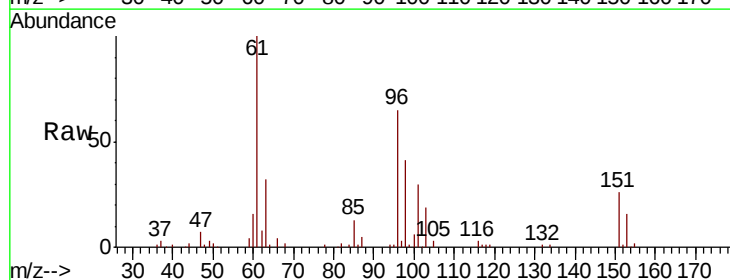
Tot Ion: 59 Resp: 66402
 Ion Ratio Lower Upper
 59 100
 57 9.9 7.6 11.4

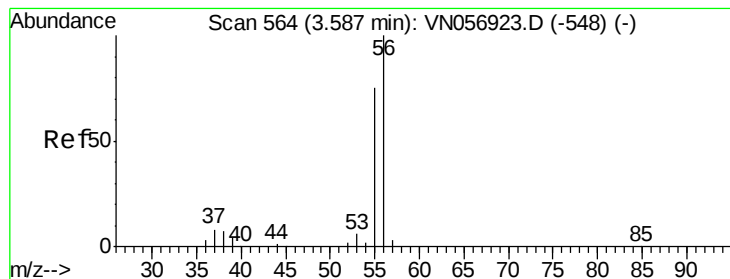


#12

1,1-Dichloroethene
 Concen: 20.748 ug/l
 RT: 3.72 min Scan# 605
 Delta R.T. 0.00 min
 Lab File: VN056934.D
 Acq: 25 Jul 2019 21:14

Tgt Ion: 96 Resp: 87264
 Ion Ratio Lower Upper
 96 100
 61 153.1 122.4 183.6
 98 63.3 51.3 76.9





#13

Acrolein

Concen: 90.460 ug/l

RT: 3.59 min Scan# 565

Delta R.T. 0.00 min

Lab File: VN056934.D

Acq: 25 Jul 2019 21:14

Instrument :

MSVOA_N

ClientSampleId :

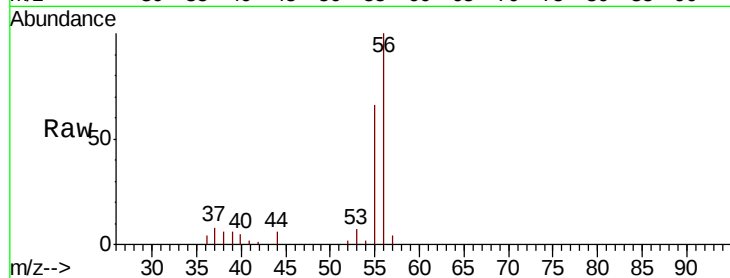
VN0726WBS01

Tot Ion: 56 Resp: 33916

Ion Ratio Lower Upper

56 100

55 69.8 57.5 86.3



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

15000

10000

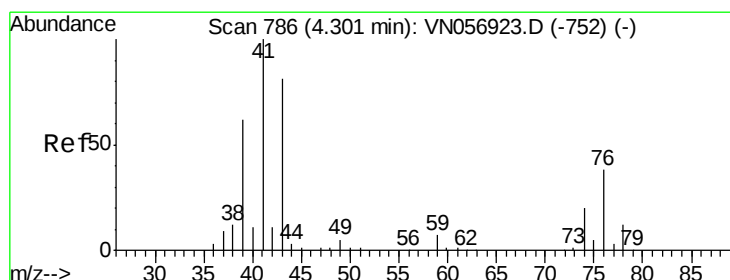
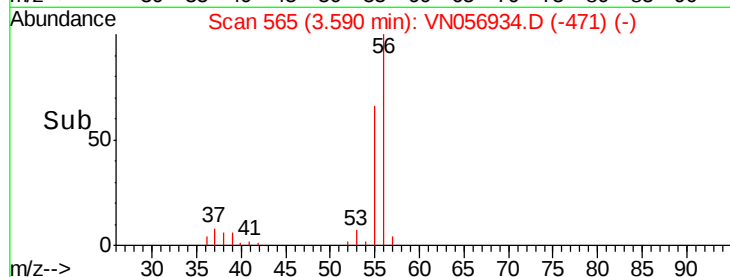
5000

0

3.59

3.50 3.55 3.60 3.65 3.70

Time-->



#14

Allyl chloride

Concen: 19.518 ug/l

RT: 4.30 min Scan# 787

Delta R.T. 0.00 min

Lab File: VN056934.D

Acq: 25 Jul 2019 21:14

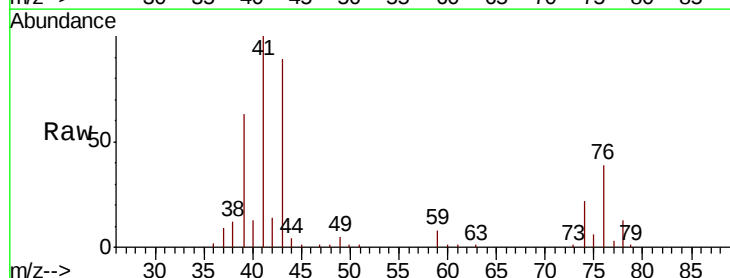
Tgt Ion: 41 Resp: 133192

Ion Ratio Lower Upper

41 100

39 58.2 47.5 71.3

76 35.6 28.0 42.0



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

50000

40000

30000

20000

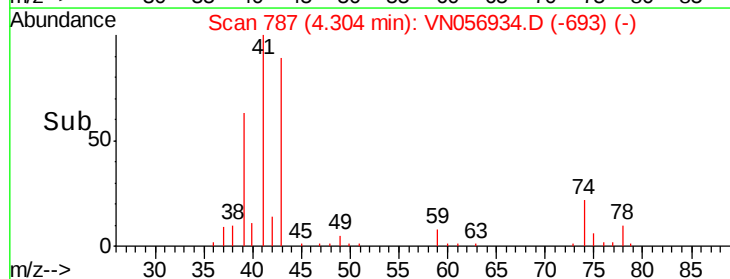
10000

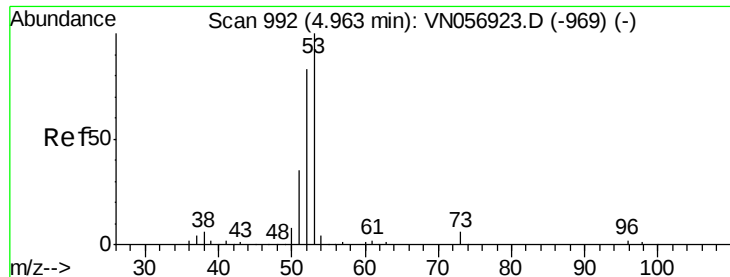
0

4.30

4.20 4.30 4.40

Time-->





#15

Acrylonitrile

Concen: 103.925 ug/l

RT: 4.96 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN056934.D

Acq: 25 Jul 2019 21:14

Instrument :

MSVOA_N

ClientSampleId :

VN0726WBS01

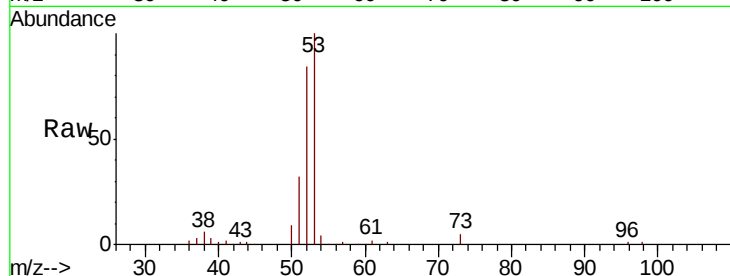
Tot Ion: 53 Resp: 200087

Ion Ratio Lower Upper

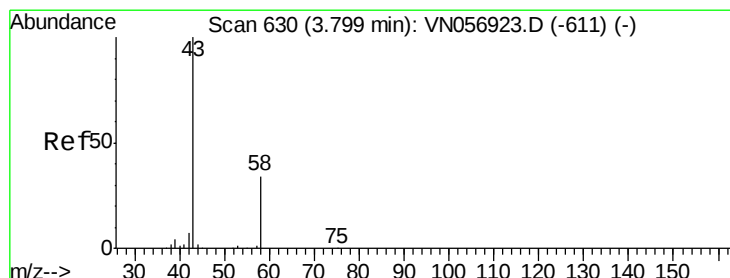
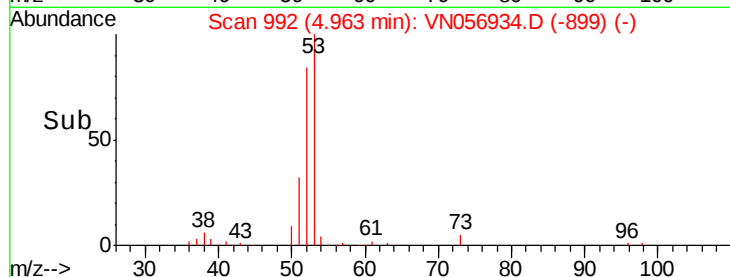
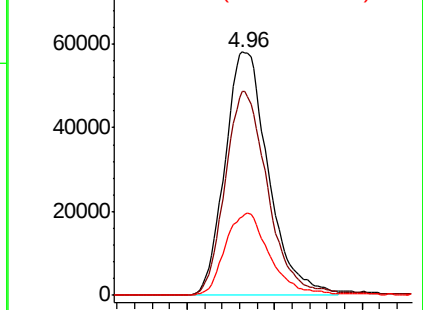
53 100

52 82.9 65.5 98.3

51 34.7 28.1 42.1



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: 91.928 ug/l

RT: 3.80 min Scan# 630

Delta R.T. -0.00 min

Lab File: VN056934.D

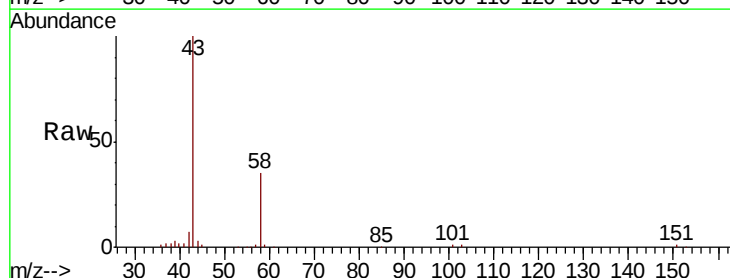
Acq: 25 Jul 2019 21:14

Tgt Ion: 43 Resp: 145589

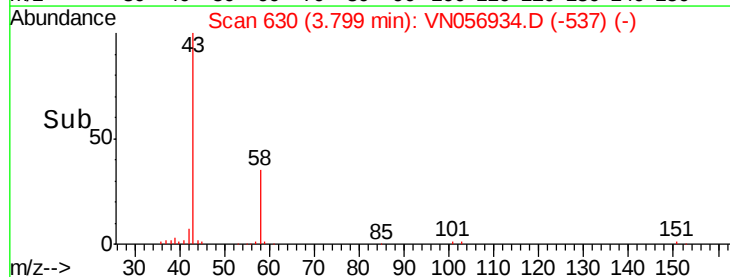
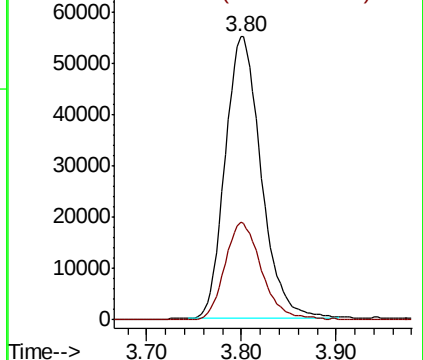
Ion Ratio Lower Upper

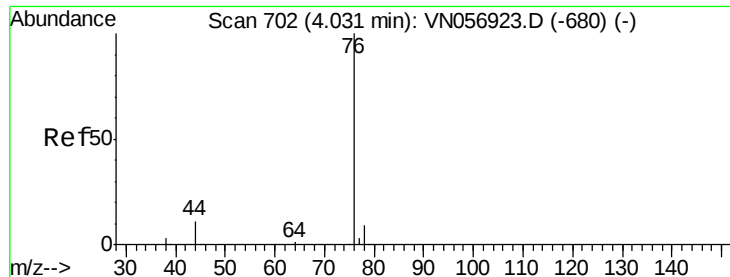
43 100

58 34.8 27.3 40.9



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





#17

Carbon Disulfide

Concen: 18.825 ug/l

RT: 4.03 min Scan# 703

Delta R.T. 0.00 min

Lab File: VN056934.D

Acq: 25 Jul 2019 21:14

Instrument :

MSVOA_N

ClientSampleId :

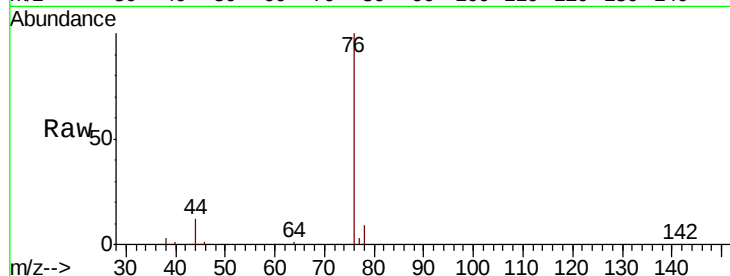
VN0726WBS01

Tot Ion: 76 Resp: 213252

Ion Ratio Lower Upper

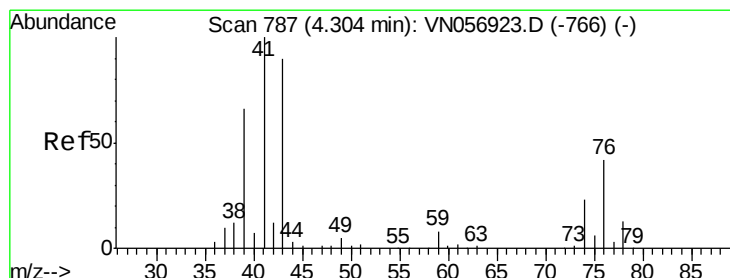
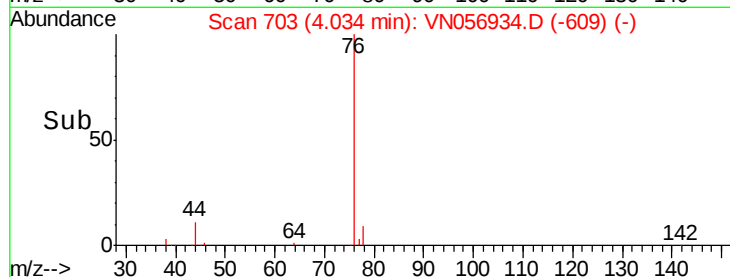
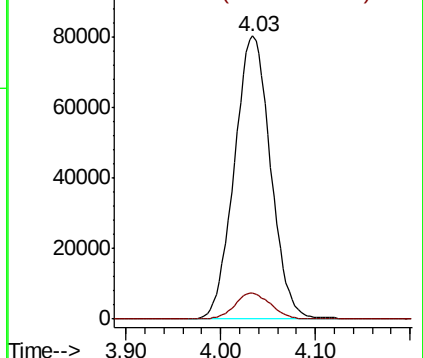
76 100

78 9.2 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 19.870 ug/l

RT: 4.31 min Scan# 788

Delta R.T. 0.00 min

Lab File: VN056934.D

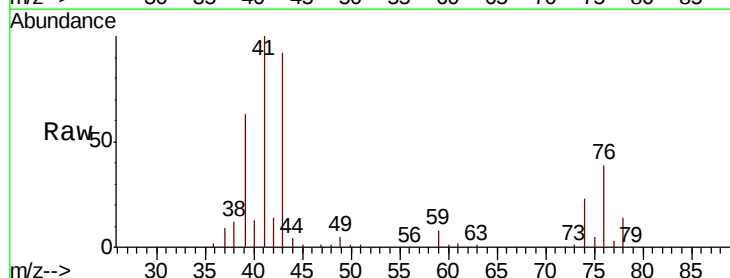
Acq: 25 Jul 2019 21:14

Tgt Ion: 43 Resp: 110170

Ion Ratio Lower Upper

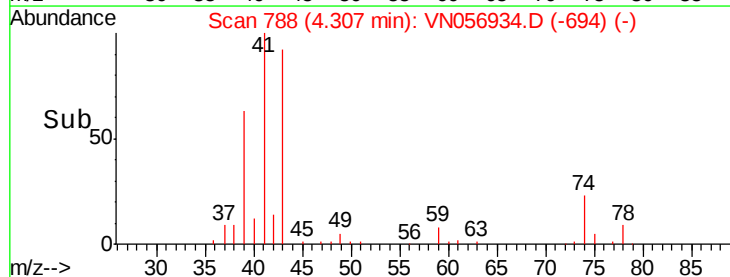
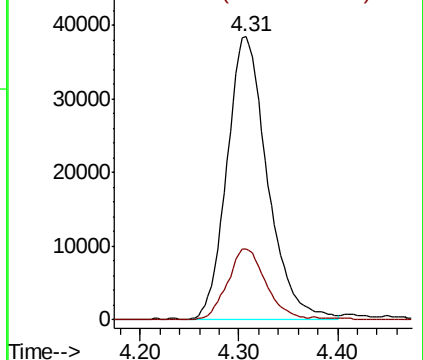
43 100

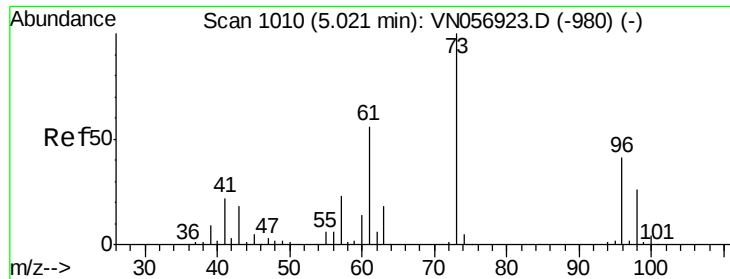
74 23.7 19.4 29.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

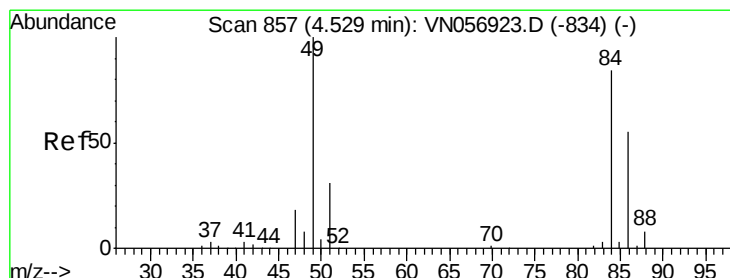
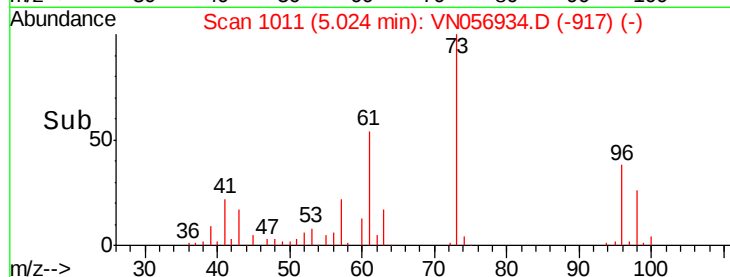
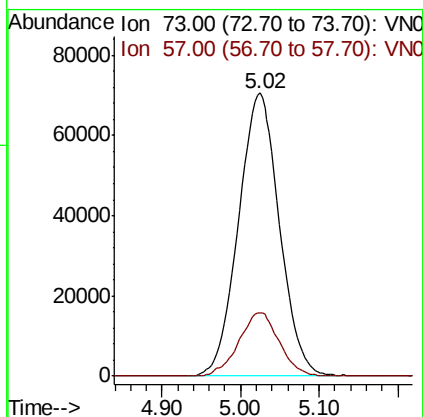
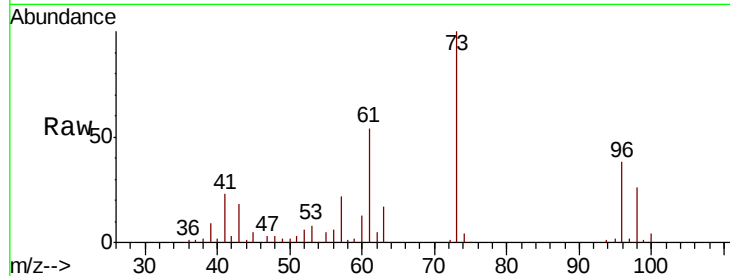




#19
Methvl tert-butvl Ether
Concen: 20.856 ug/l
RT: 5.02 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN056934.D
Acq: 25 Jul 2019 21:14

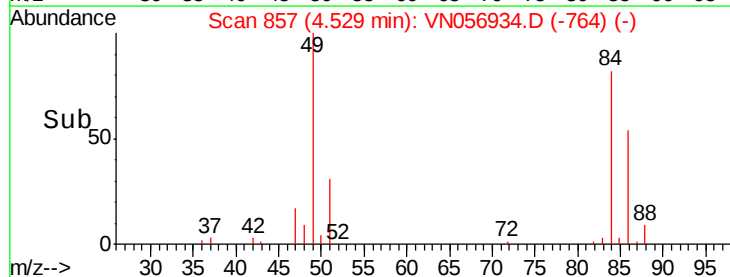
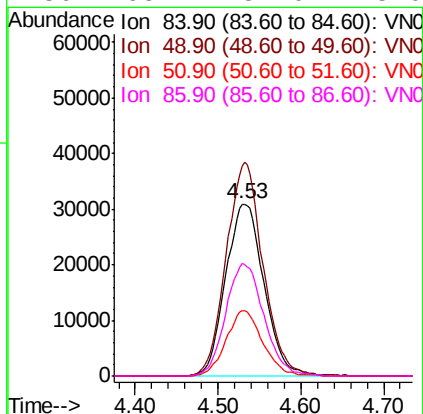
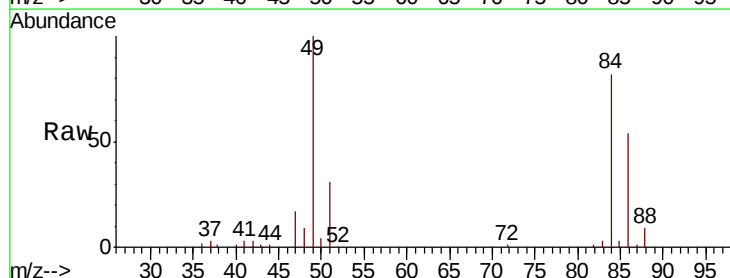
Instrument :
MSVOA_N
ClientSampleId :
VN0726WBS01

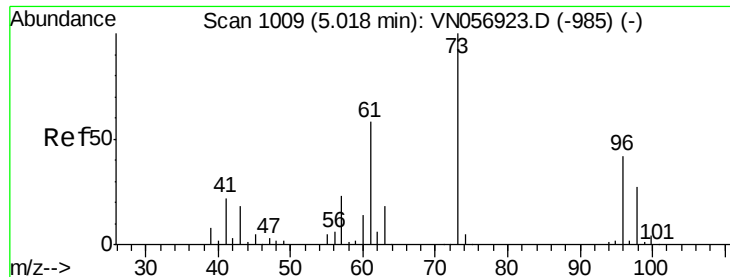
Tot Ion: 73 Resp: 257934
Ion Ratio Lower Upper
73 100
57 22.5 18.2 27.4



#20
Methylene Chloride
Concen: 19.853 ug/l
RT: 4.53 min Scan# 857
Delta R.T. -0.00 min
Lab File: VN056934.D
Acq: 25 Jul 2019 21:14

Tgt Ion: 84 Resp: 99567
Ion Ratio Lower Upper
84 100
49 122.1 95.0 142.6
51 37.9 29.8 44.8
86 65.7 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 20.283 ug/l

RT: 5.02 min Scan# 1009

Delta R.T. -0.00 min

Lab File: VN056934.D

Acq: 25 Jul 2019 21:14

Instrument :

MSVOA_N

ClientSampled :

VN0726WBS01

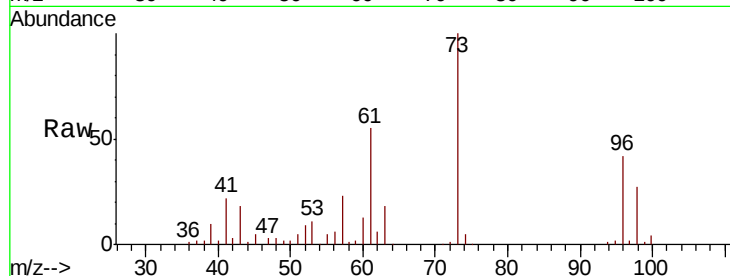
Tot Ion: 96 Resp: 91289

Ion Ratio Lower Upper

96 100

61 132.5 109.9 164.9

98 63.9 51.0 76.4

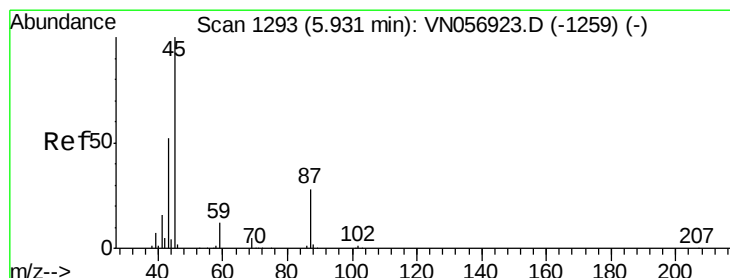
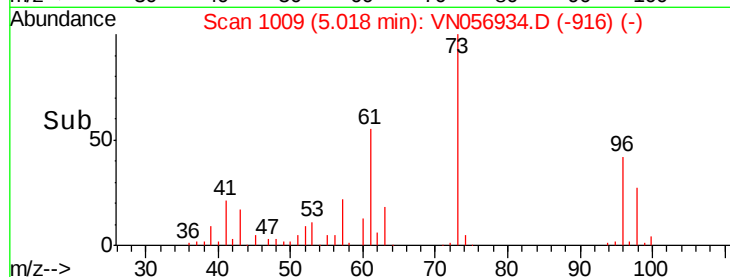
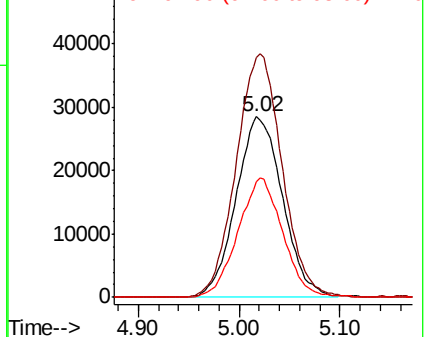


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 21.079 ug/l

RT: 5.93 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VN056934.D

Acq: 25 Jul 2019 21:14

Tgt Ion: 45 Resp: 292945

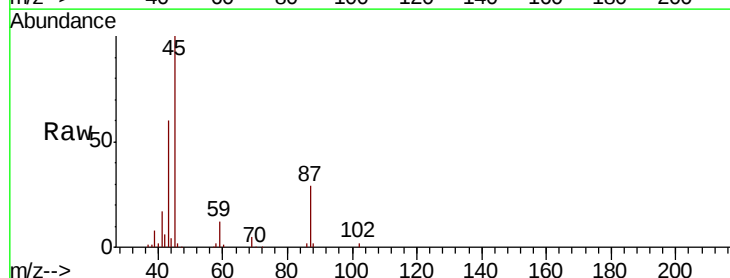
Ion Ratio Lower Upper

45 100

43 58.3 44.7 67.1

87 28.8 23.1 34.7

59 11.9 9.7 14.5



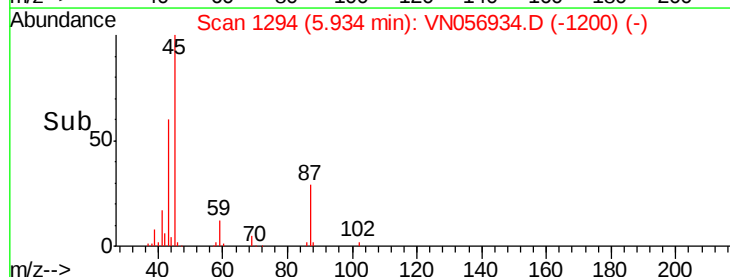
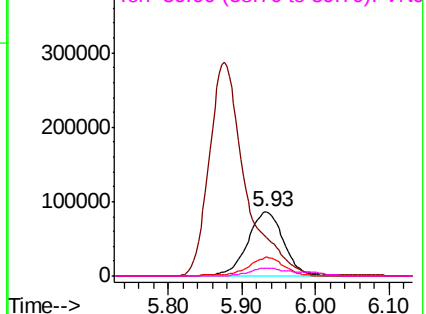
Abundance

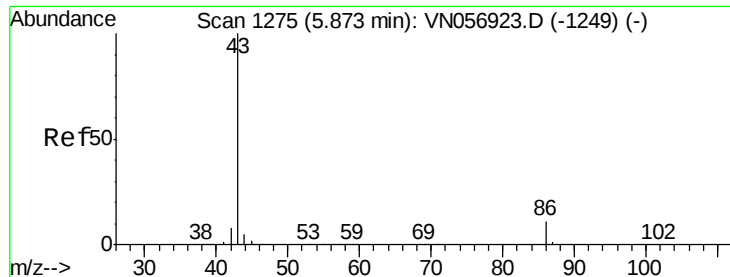
Ion 45.00 (44.70 to 45.70): VN0

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: 102.851 ug/l

RT: 5.88 min Scan# 1276

Delta R.T. 0.00 min

Lab File: VN056934.D

Acq: 25 Jul 2019 21:14

Instrument :

MSVOA_N

ClientSampleId :

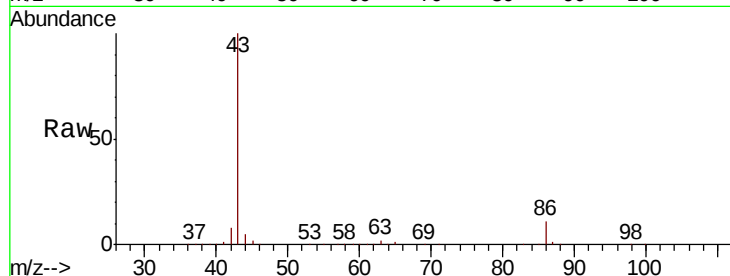
VN0726WBS01

Tot Ion: 43 Resp: 984623

Ion Ratio Lower Upper

43 100

86 10.9 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.88

300000

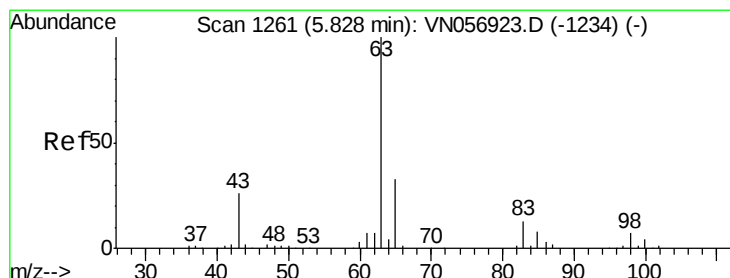
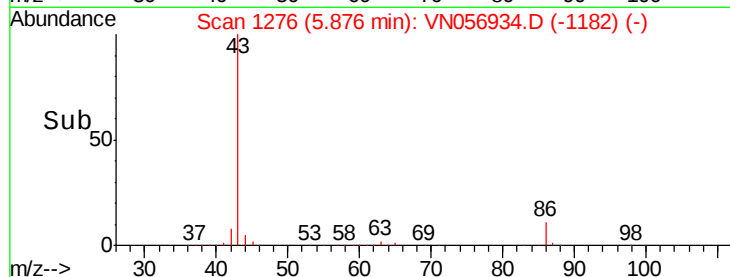
200000

100000

0

5.70 5.80 5.90 6.00 6.10

Time-->



#24

1,1-Dichloroethane

Concen: 20.464 ug/l

RT: 5.83 min Scan# 1261

Delta R.T. -0.00 min

Lab File: VN056934.D

Acq: 25 Jul 2019 21:14

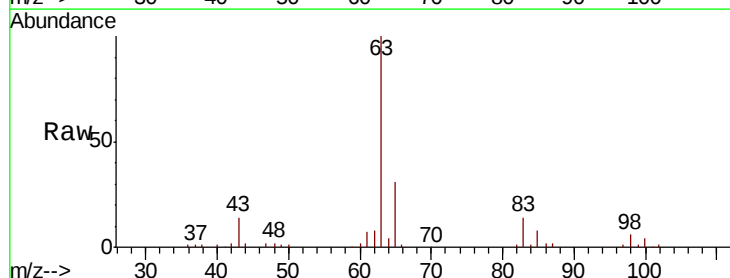
Tgt Ion: 63 Resp: 167091

Ion Ratio Lower Upper

63 100

98 6.3 3.4 10.1

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

5.83

60000

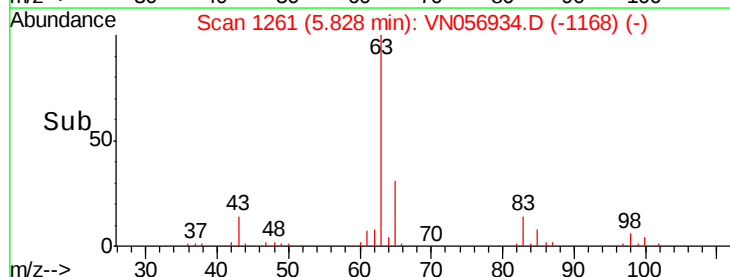
40000

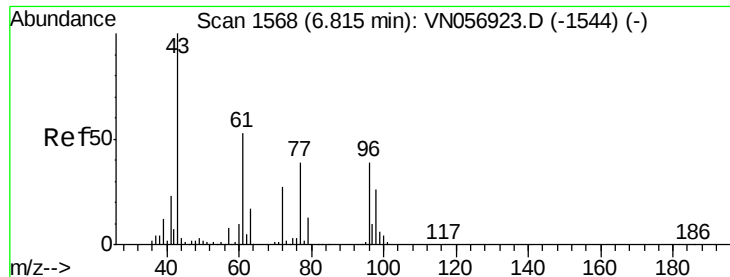
20000

0

5.70 5.80 5.90

Time-->





#25

2-Butanone

Concen: 97.391 ug/l

RT: 6.82 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VN056934.D

Acq: 25 Jul 2019 21:14

Instrument :

MSVOA_N

ClientSampled :

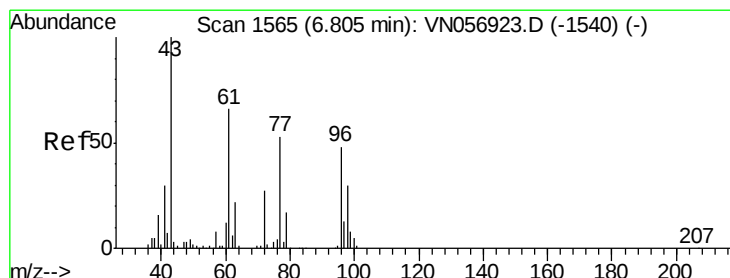
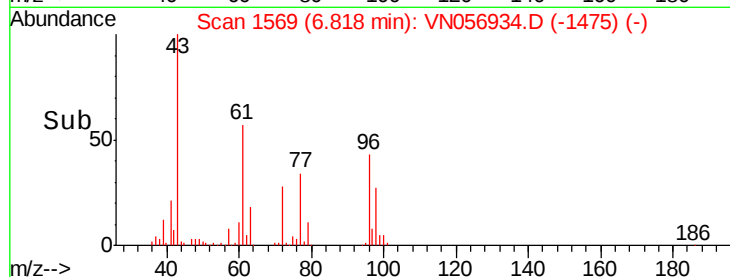
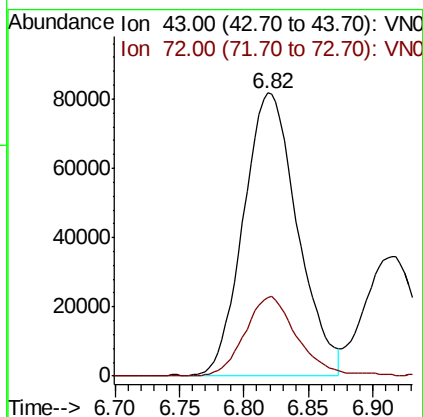
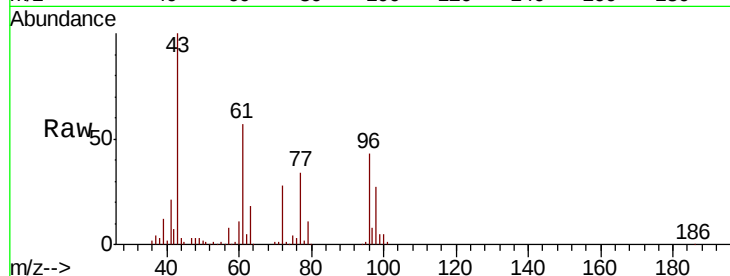
VN0726WBS01

Tot Ion: 43 Resp: 237420

Ion Ratio Lower Upper

43 100

72 28.0 21.9 32.9



#26

2,2-Dichloropropane

Concen: 17.246 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN056934.D

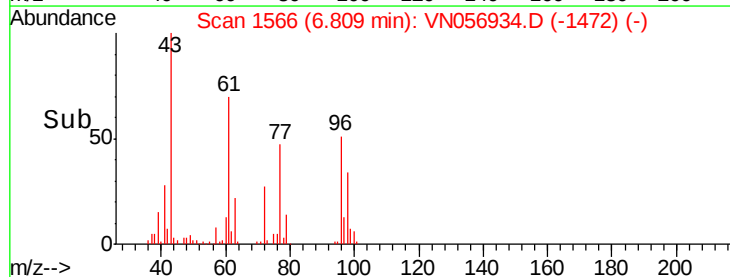
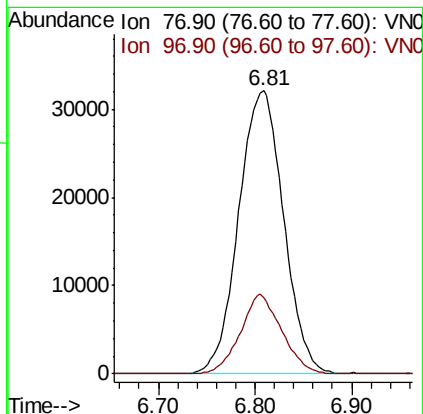
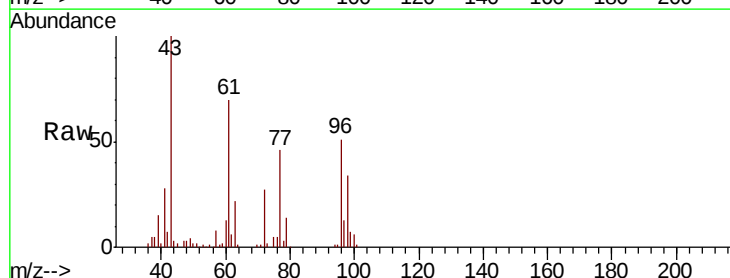
Acq: 25 Jul 2019 21:14

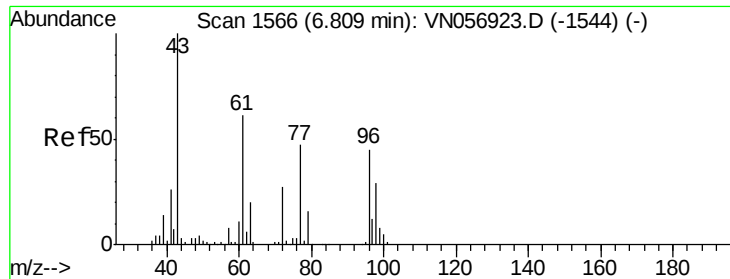
Tgt Ion: 77 Resp: 103340

Ion Ratio Lower Upper

77 100

97 25.8 12.3 36.8





#27

cis-1,2-Dichloroethene

Concen: 20.515 ug/l

RT: 6.82 min Scan# 1568

Delta R.T. 0.01 min

Lab File: VN056934.D

Acq: 25 Jul 2019 21:14

Instrument :

MSVOA_N

ClientSampleId :

VN0726WBS01

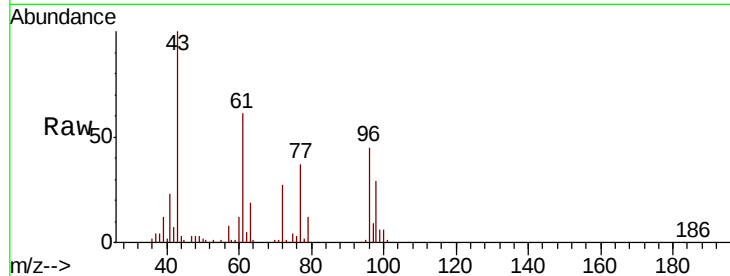
Tot Ion: 96 Resp: 105364

Ion Ratio Lower Upper

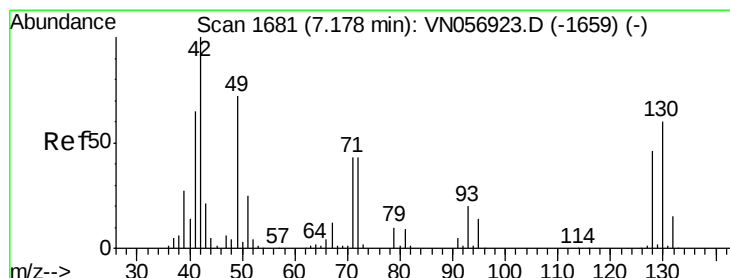
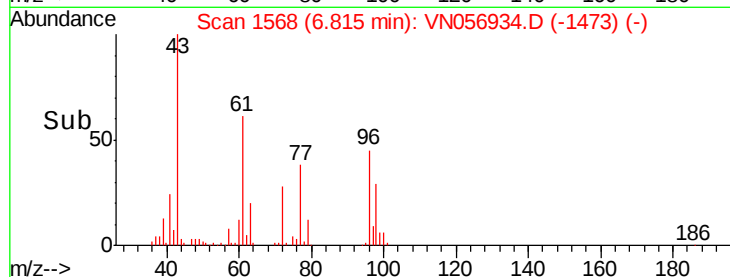
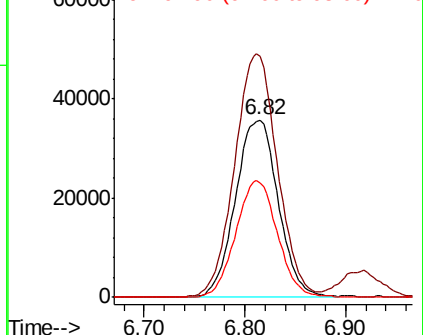
96 100

61 137.1 0.0 278.8

98 64.2 0.0 130.0



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



#28

Bromochloromethane

Concen: 22.449 ug/l

RT: 7.18 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VN056934.D

Acq: 25 Jul 2019 21:14

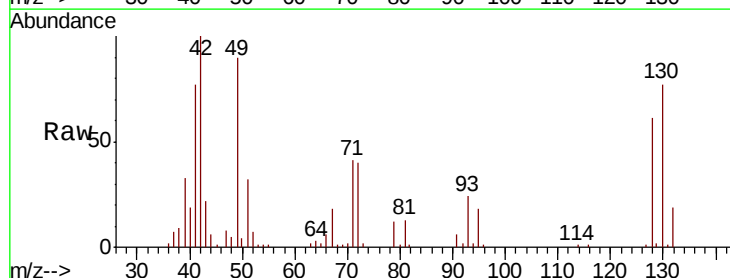
Tgt Ion: 49 Resp: 84590

Ion Ratio Lower Upper

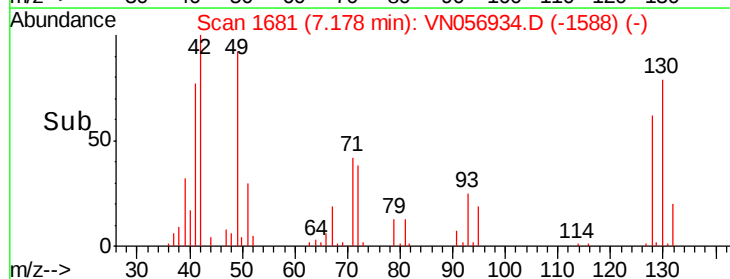
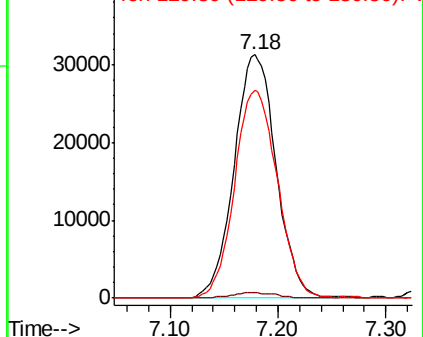
49 100

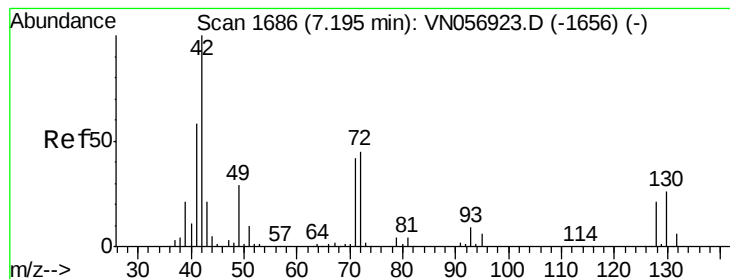
129 2.3 0.0 4.4

130 87.1 67.3 100.9



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





#29

Tetrahydrofuran

Concen: 105.508 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN056934.D

Acq: 25 Jul 2019 21:14

Instrument :

MSVOA_N

ClientSampleId :

VN0726WBS01

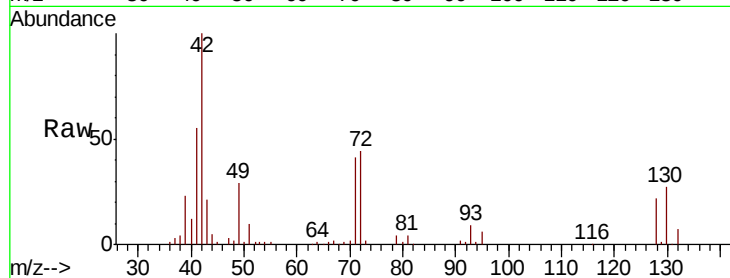
Tot Ion: 42 Resp: 168538

Ion Ratio Lower Upper

42 100

72 43.7 35.5 53.3

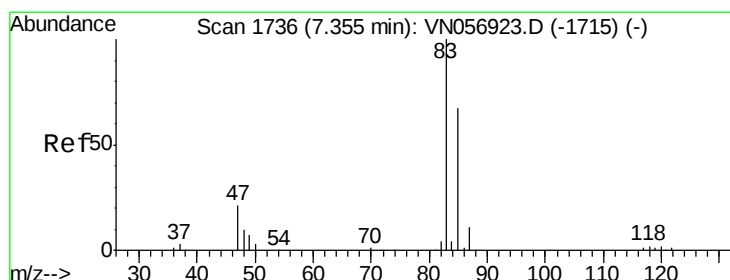
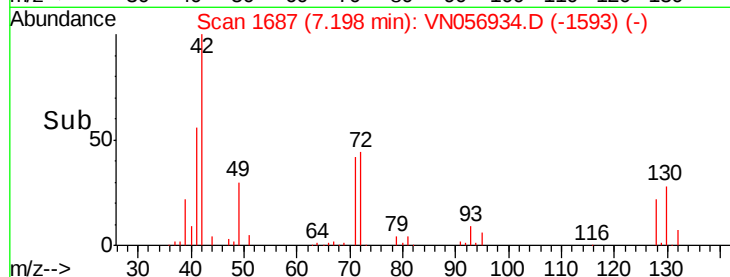
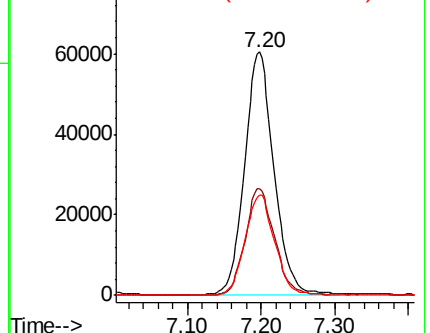
71 41.2 33.0 49.6



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 19.620 ug/l

RT: 7.36 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VN056934.D

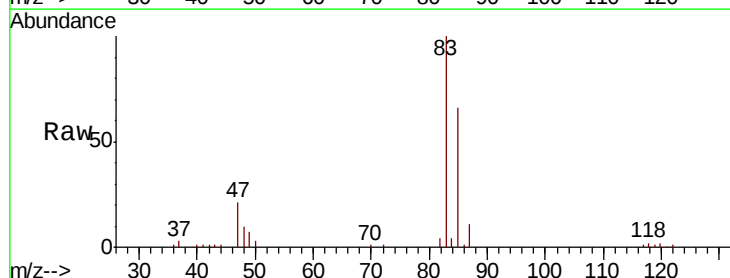
Acq: 25 Jul 2019 21:14

Tgt Ion: 83 Resp: 164985

Ion Ratio Lower Upper

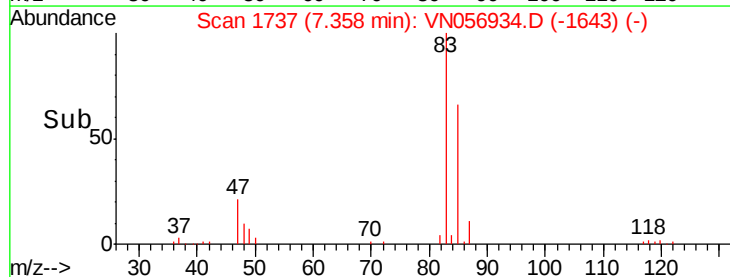
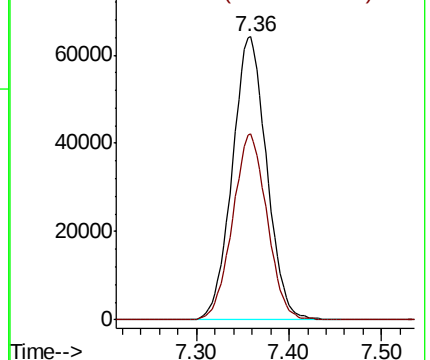
83 100

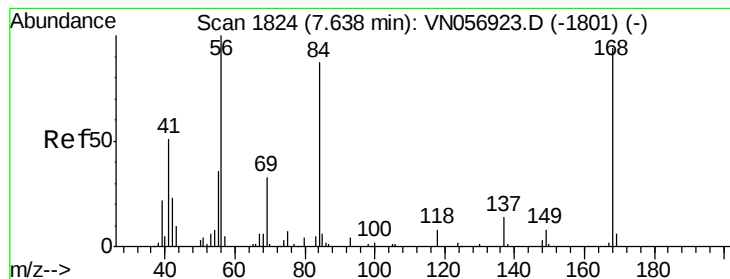
85 65.9 53.5 80.3



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 19.858 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. -0.00 min

Lab File: VN056934.D

Acq: 25 Jul 2019 21:14

Instrument :

MSVOA_N

ClientSampleId :

VN0726WBS01

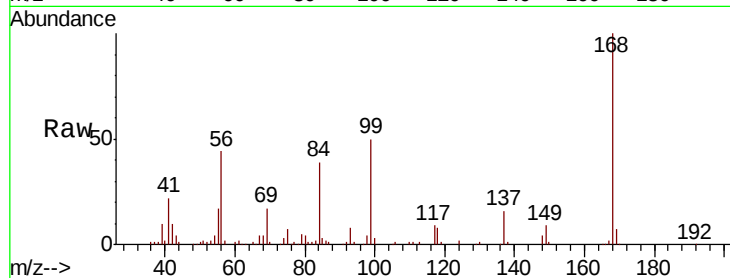
Tot Ion: 56 Resp: 157784

Ion Ratio Lower Upper

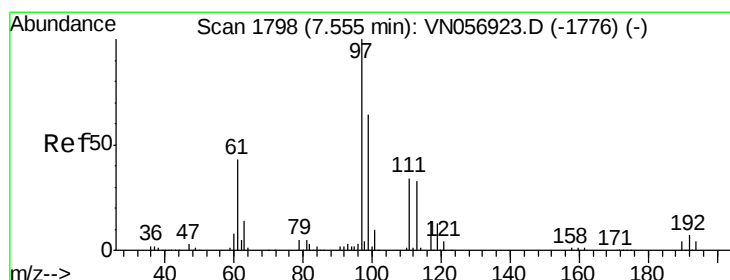
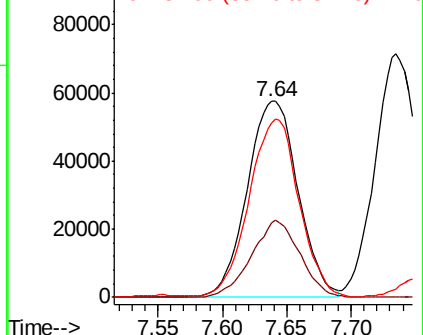
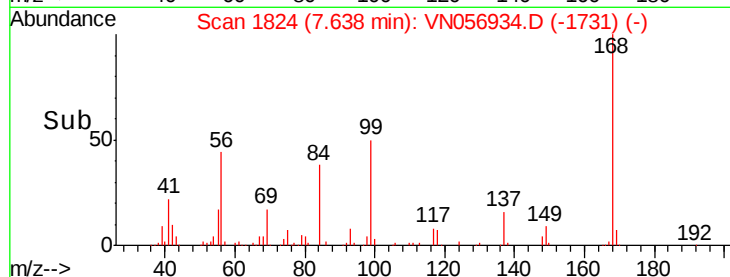
56 100

69 37.9 26.3 39.5

84 88.3 69.6 104.4



Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 20.114 ug/l

RT: 7.55 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VN056934.D

Acq: 25 Jul 2019 21:14

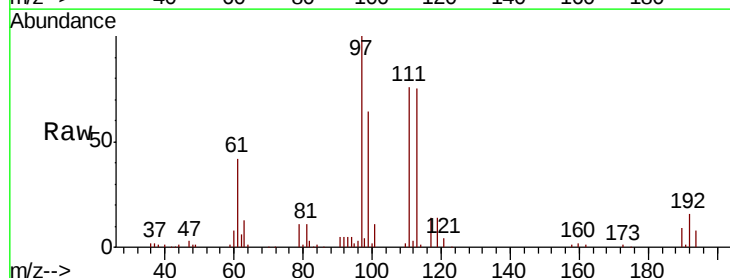
Tgt Ion: 97 Resp: 135456

Ion Ratio Lower Upper

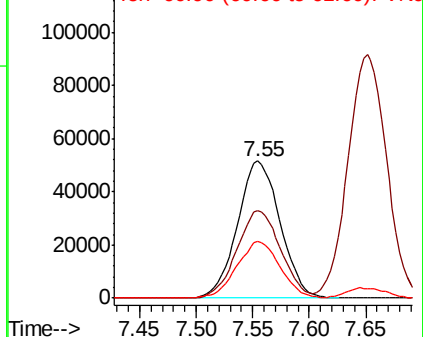
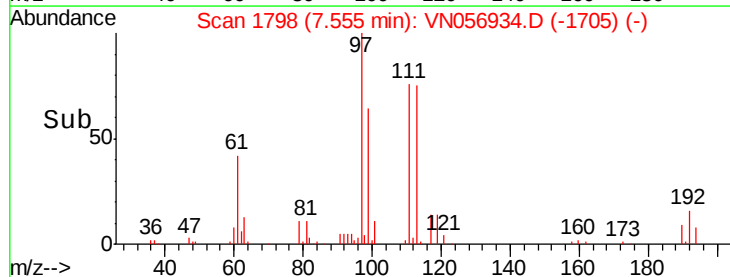
97 100

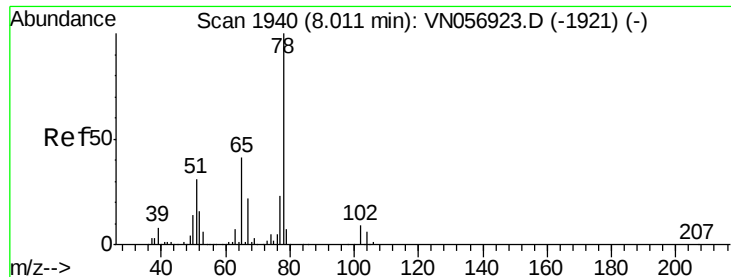
99 65.3 51.6 77.4

61 41.7 33.8 50.6



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0

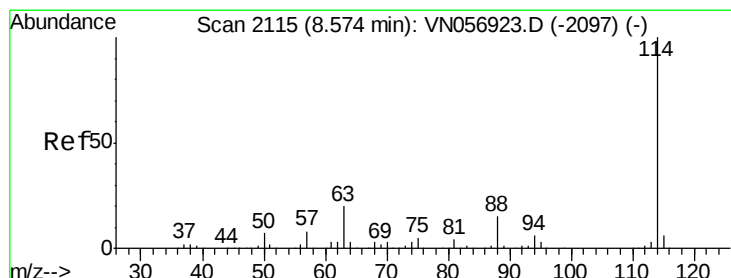
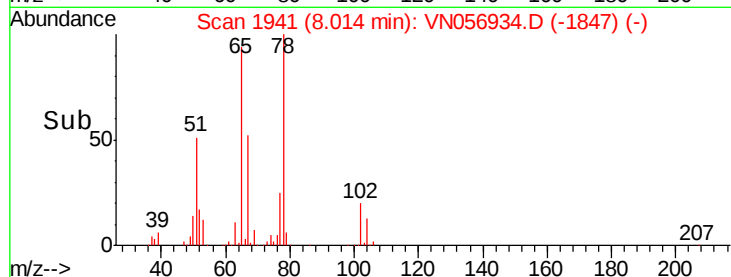
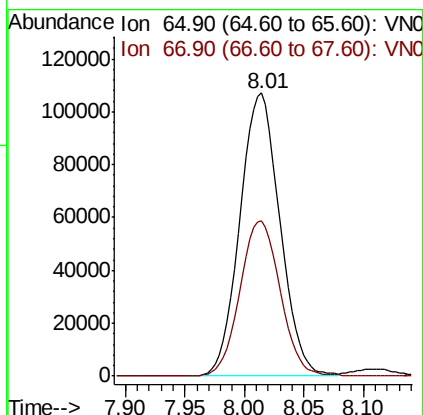
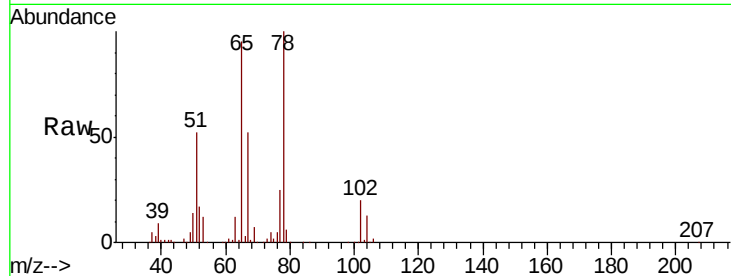




#33
 1,2-Dichloroethane-d4
 Concen: 53.936 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN056934.D
 Acq: 25 Jul 2019 21:14

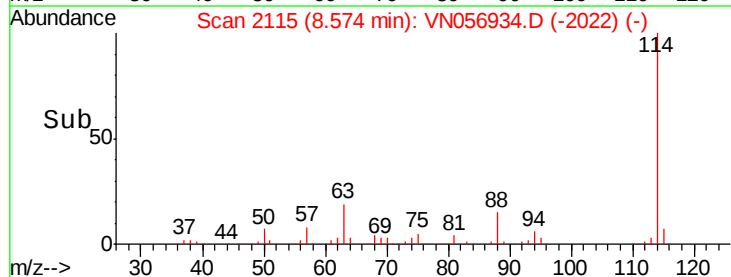
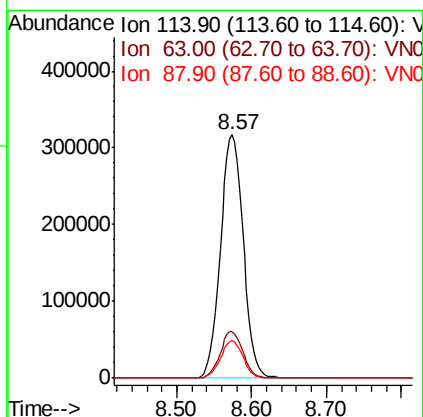
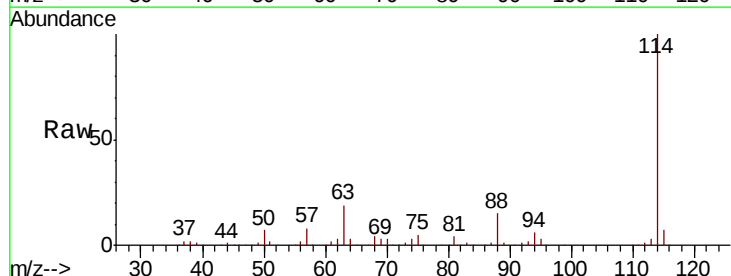
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0726WBS01

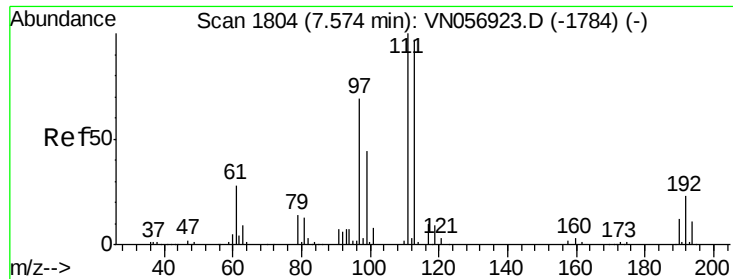
Tot Ion: 65 Resp: 250140
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN056934.D
 Acq: 25 Jul 2019 21:14

Tgt Ion: 114 Resp: 667262
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 39.4
 88 15.3 0.0 30.4

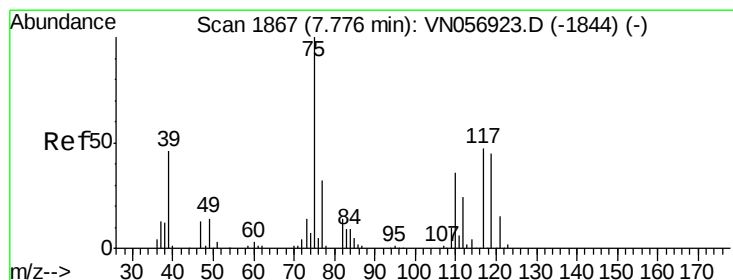
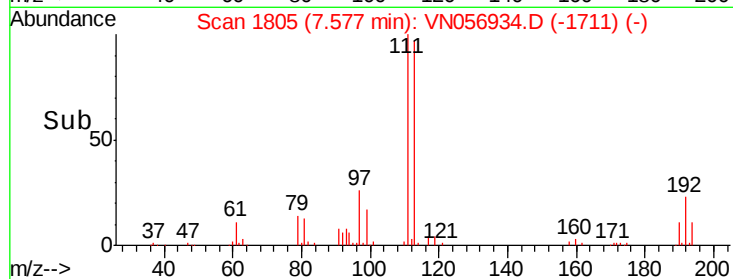
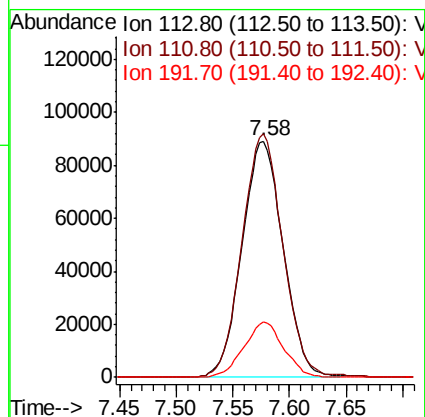
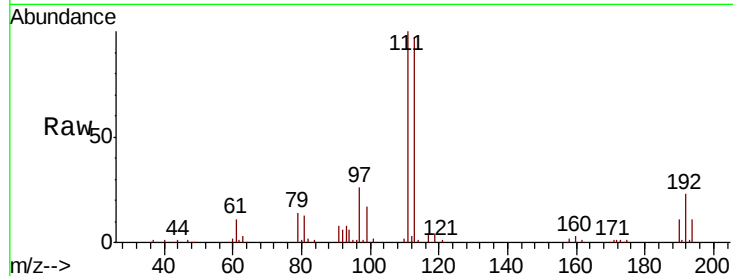




#35
 Dibromofluoromethane
 Concen: 52.952 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN056934.D
 Acq: 25 Jul 2019 21:14

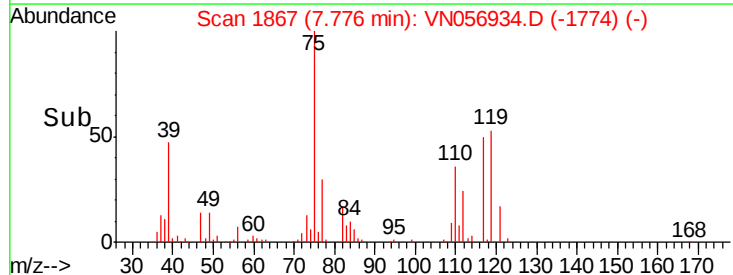
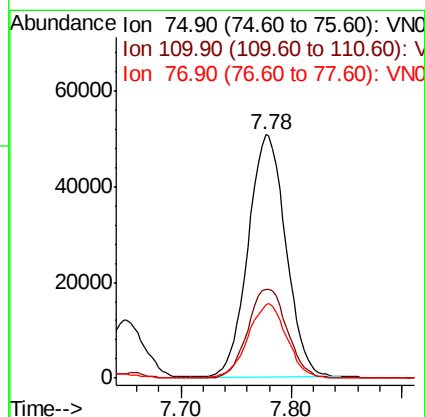
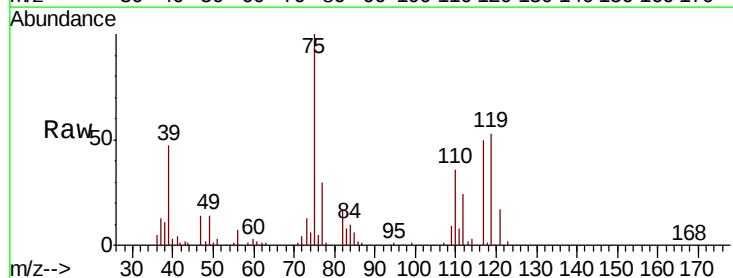
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0726WBS01

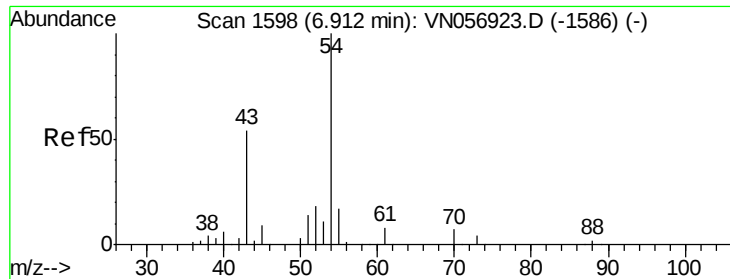
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.2	123.2
192	22.7	18.3	27.5



#36
 1,1-Dichloropropene
 Concen: 19.819 ug/l
 RT: 7.78 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN056934.D
 Acq: 25 Jul 2019 21:14

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.1	18.9	56.9
77	31.4	25.4	38.0

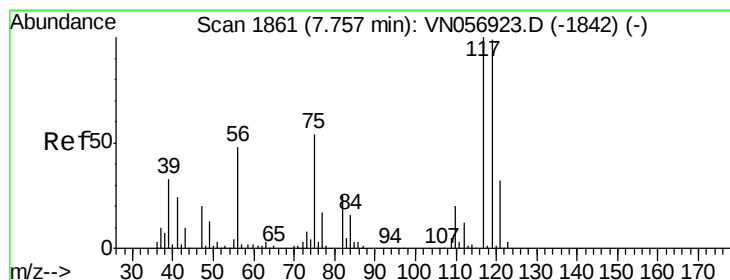
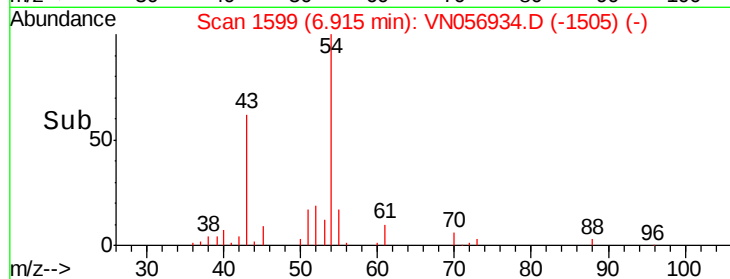
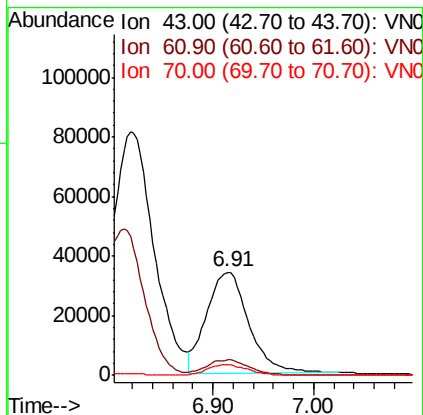
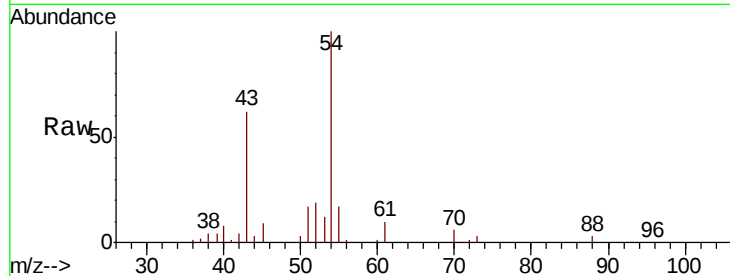




#37
Ethyl Acetate
Concen: 20.099 ug/l
RT: 6.91 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VN056934.D
Acq: 25 Jul 2019 21:14

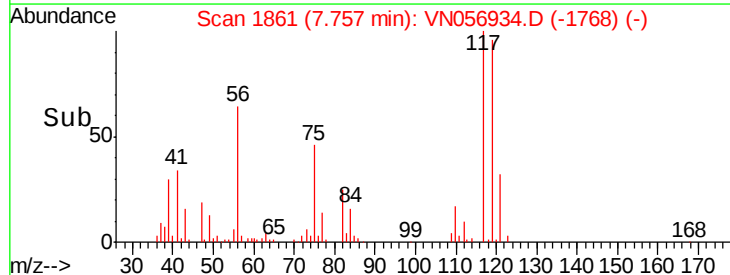
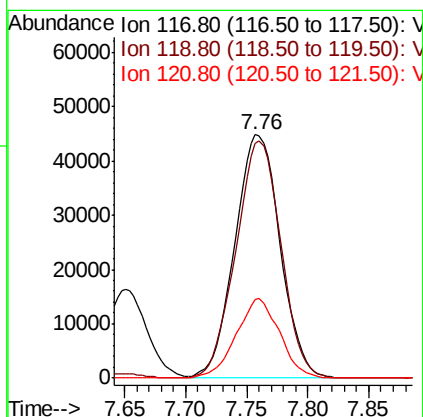
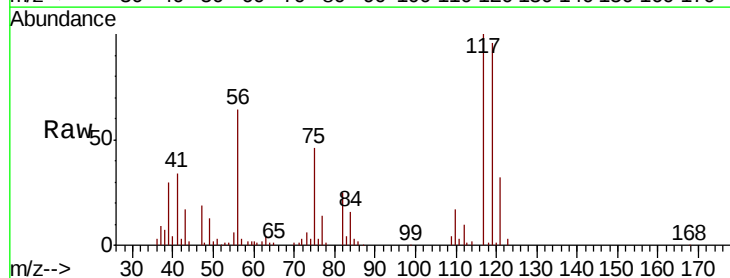
Instrument :
MSVOA_N
ClientSampleId :
VN0726WBS01

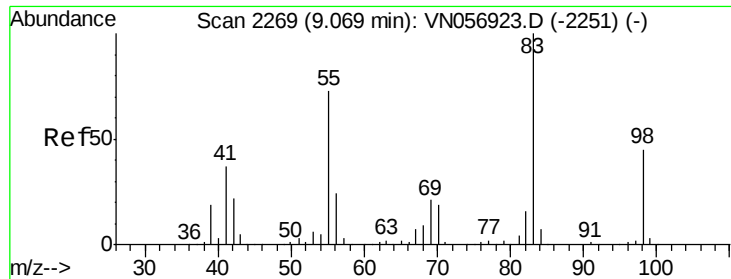
Tot Ion: 43 Resp: 99355
Ion Ratio Lower Upper
43 100
61 15.8 11.9 17.9
70 10.2 8.8 13.2



#38
Carbon Tetrachloride
Concen: 19.908 ug/l
RT: 7.76 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VN056934.D
Acq: 25 Jul 2019 21:14

Tgt Ion: 117 Resp: 115517
Ion Ratio Lower Upper
117 100
119 96.2 79.0 118.6
121 32.3 25.1 37.7

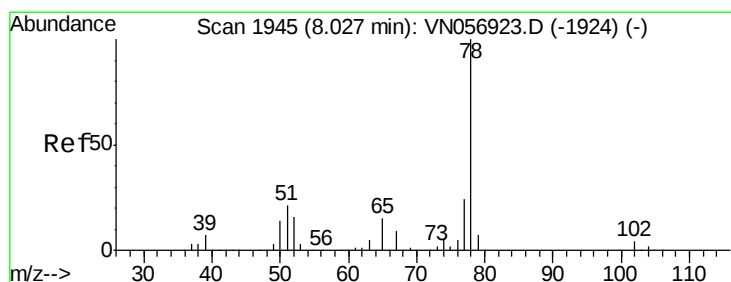
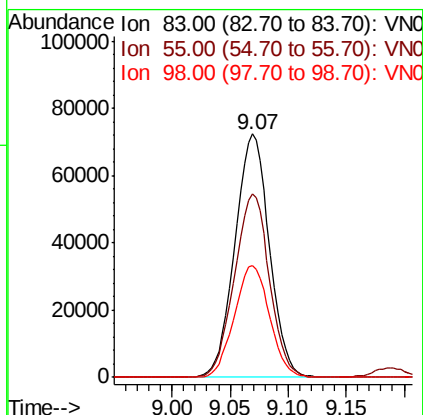
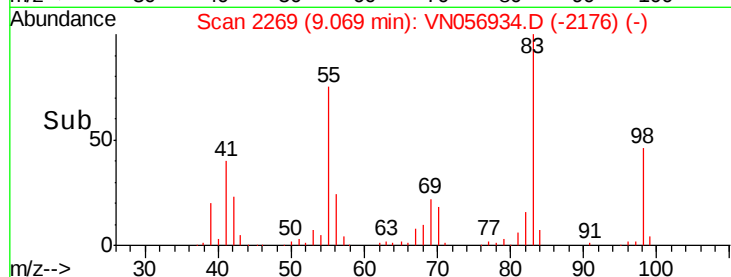
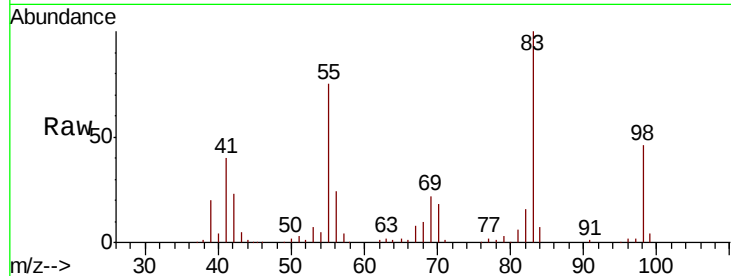




#39
Methvlcvclohexane
Concen: 20.054 ug/l
RT: 9.07 min Scan# 2269
Delta R.T. -0.00 min
Lab File: VN056934.D
Acq: 25 Jul 2019 21:14

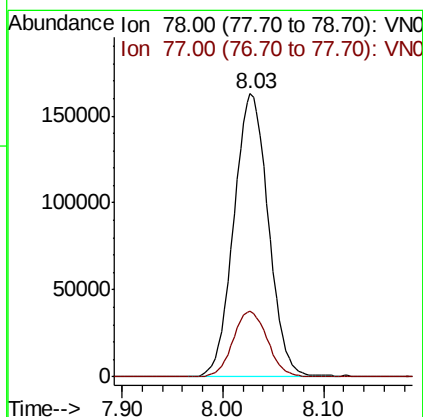
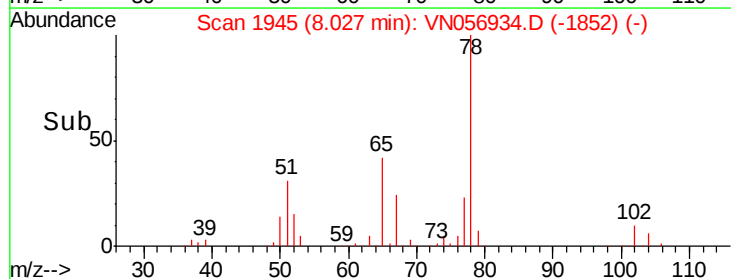
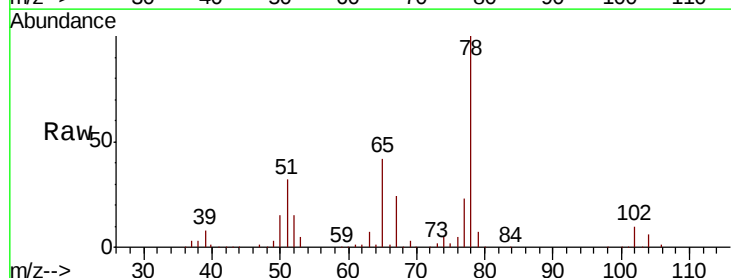
Instrument :
MSVOA_N
ClientSampleId :
VN0726WBS01

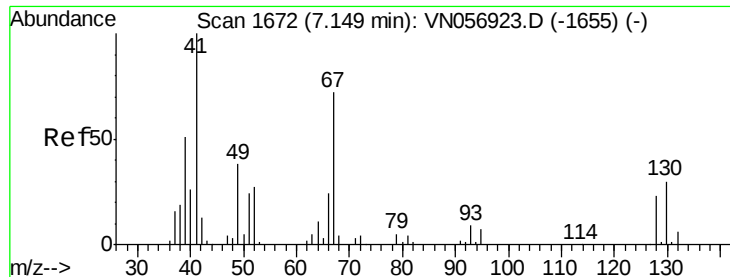
Tot Ion: 83 Resp: 149097
Ion Ratio Lower Upper
83 100
55 75.3 58.8 88.2
98 46.1 35.8 53.6



#40
Benzene
Concen: 20.325 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN056934.D
Acq: 25 Jul 2019 21:14

Tgt Ion: 78 Resp: 386649
Ion Ratio Lower Upper
78 100
77 23.1 19.5 29.3





#41

Methacrylonitrile

Concen: 68.172 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.04 min

Lab File: VN056934.D

Acq: 25 Jul 2019 21:14

Instrument :

MSVOA_N

ClientSampleId :

VN0726WBS01

Tot Ion: 41 Resp: 148212

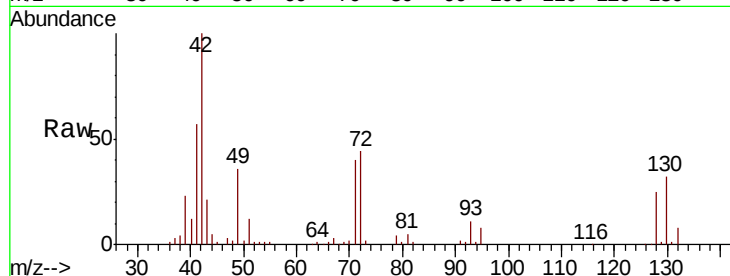
Ion Ratio Lower Upper

41 100

39 0.0 0.0 0.0

67 0.0 0.0 0.0

52 0.0 0.0 0.0

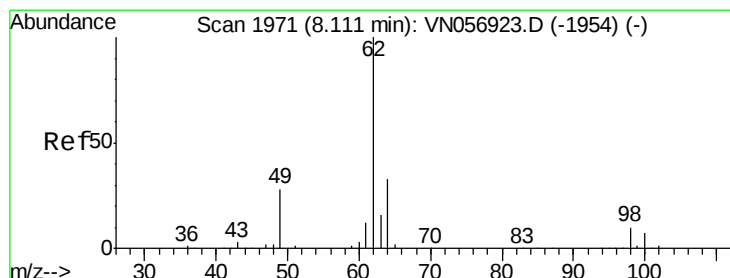
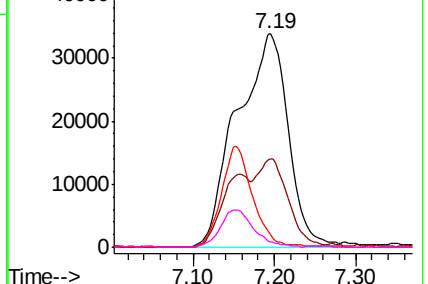
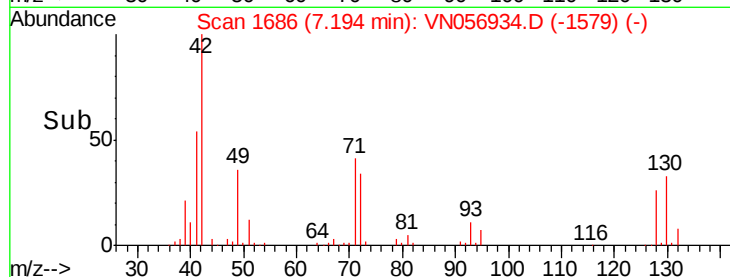


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#42

1,2-Dichloroethane

Concen: 20.383 ug/l

RT: 8.11 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VN056934.D

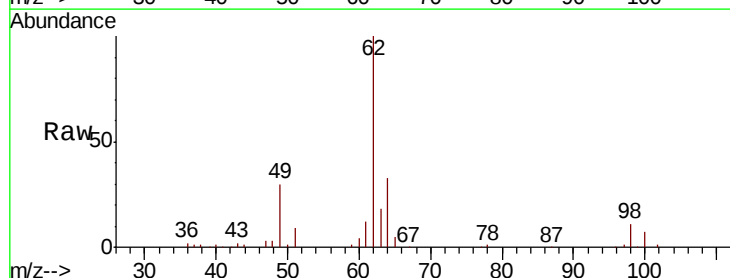
Acq: 25 Jul 2019 21:14

Tgt Ion: 62 Resp: 119763

Ion Ratio Lower Upper

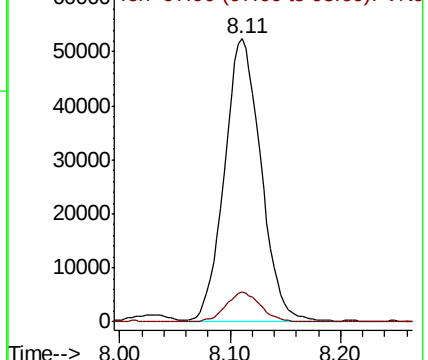
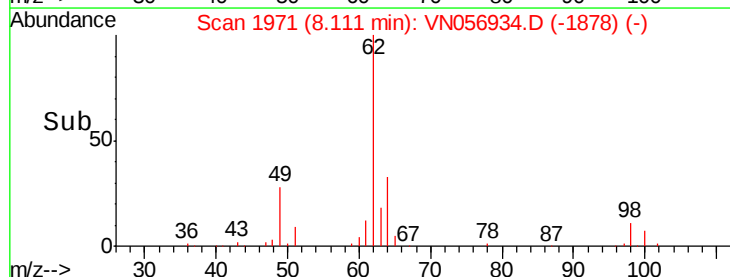
62 100

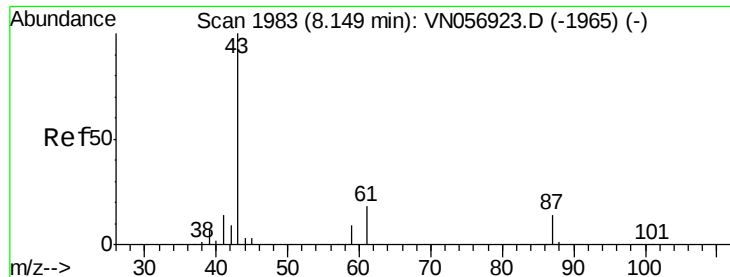
98 10.0 0.0 20.8



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 20.209 ug/l

RT: 8.15 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VN056934.D

Acq: 25 Jul 2019 21:14

Instrument :

MSVOA_N

ClientSampleId :

VN0726WBS01

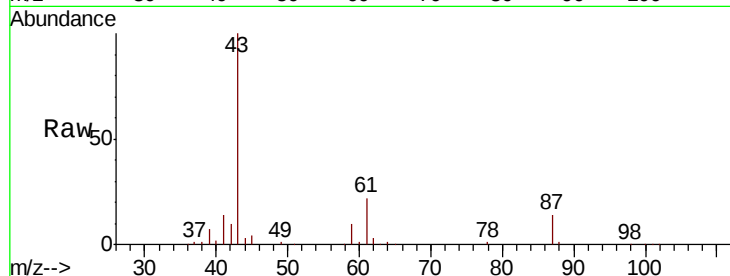
Tot Ion: 43 Resp: 164355

Ion Ratio Lower Upper

43 100

61 22.8 23.8 35.6#

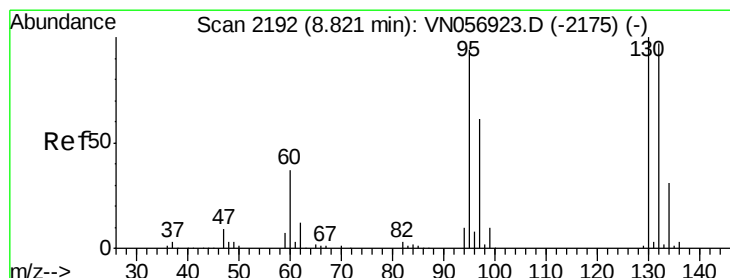
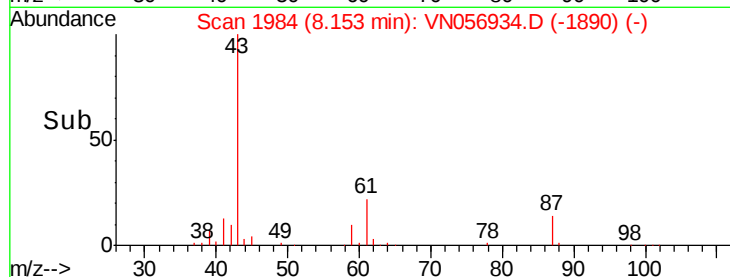
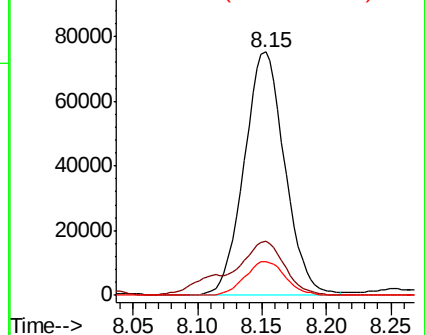
87 13.9 11.8 17.6



Abundance Ion 43.00 (42.70 to 43.70): VN056923.D (-1965) (-)

Ion 61.00 (60.70 to 61.70): VN056923.D (-1965) (-)

Ion 87.00 (86.70 to 87.70): VN056923.D (-1965) (-)



#44

Trichloroethene

Concen: 20.688 ug/l

RT: 8.82 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VN056934.D

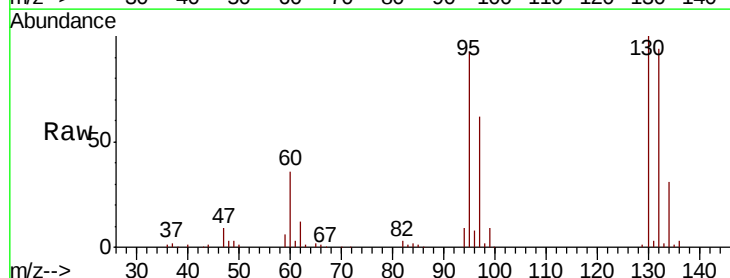
Acq: 25 Jul 2019 21:14

Tgt Ion: 130 Resp: 107362

Ion Ratio Lower Upper

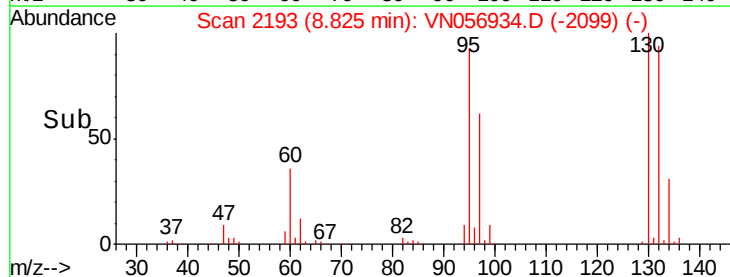
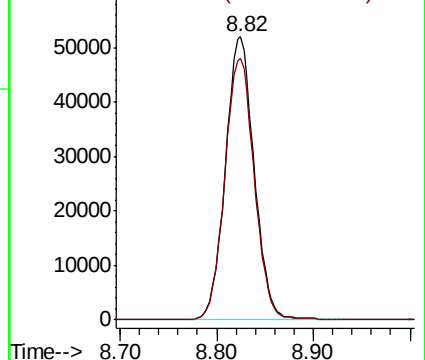
130 100

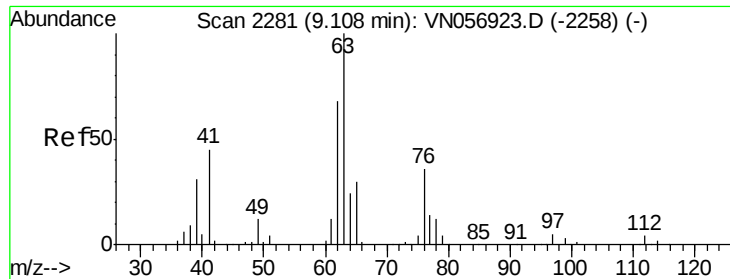
95 92.5 0.0 187.6



Abundance Ion 129.80 (129.50 to 130.50): VN056923.D (-2175) (-)

Ion 94.90 (94.60 to 95.60): VN056923.D (-2175) (-)





#45

1,2-Dichloropropane

Concen: 20.382 ug/l

RT: 9.11 min Scan# 2281

Delta R.T. -0.00 min

Lab File: VN056934.D

Acq: 25 Jul 2019 21:14

Instrument :

MSVOA_N

ClientSampleId :

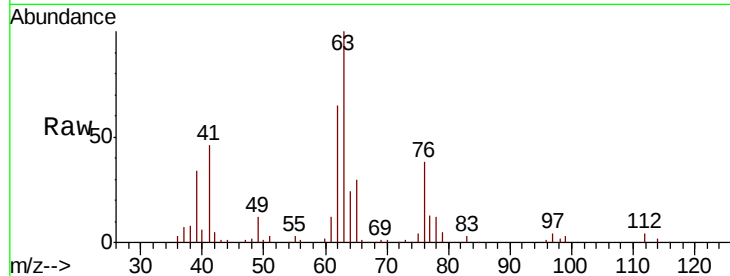
VN0726WBS01

Tot Ion: 63 Resp: 104199

Ion Ratio Lower Upper

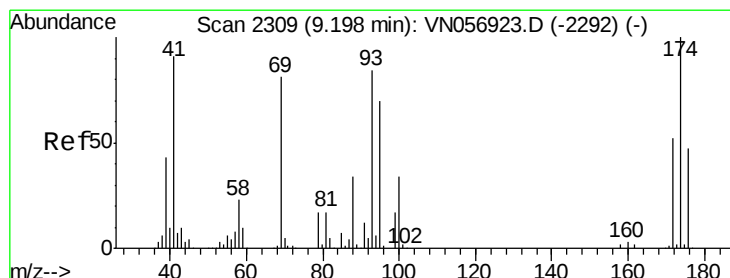
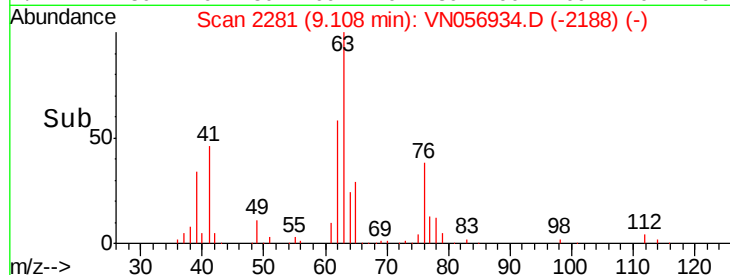
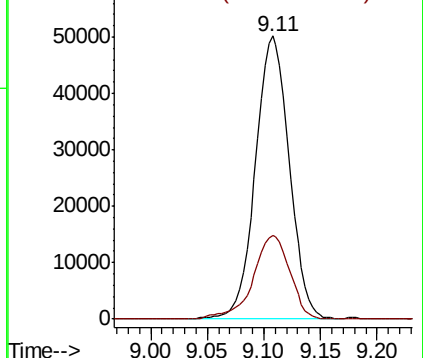
63 100

65 29.7 24.5 36.7



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 20.391 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN056934.D

Acq: 25 Jul 2019 21:14

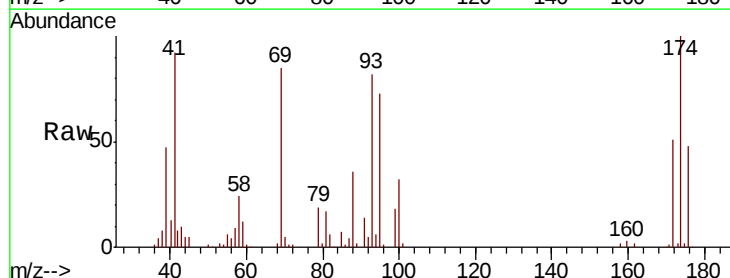
Tgt Ion: 93 Resp: 62846

Ion Ratio Lower Upper

93 100

95 85.4 66.8 100.2

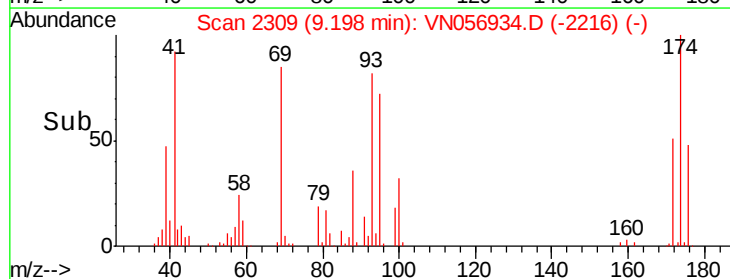
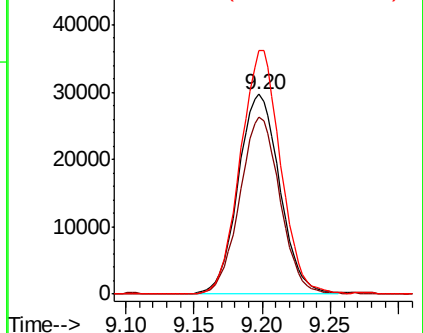
174 117.9 92.9 139.3

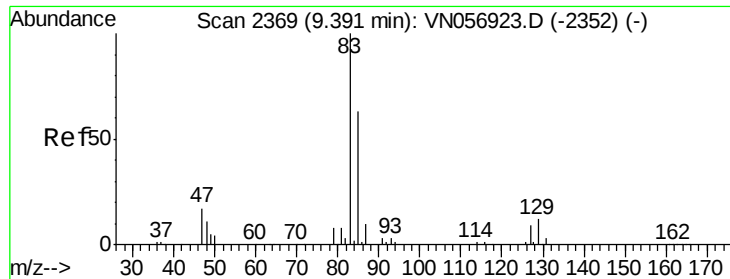


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

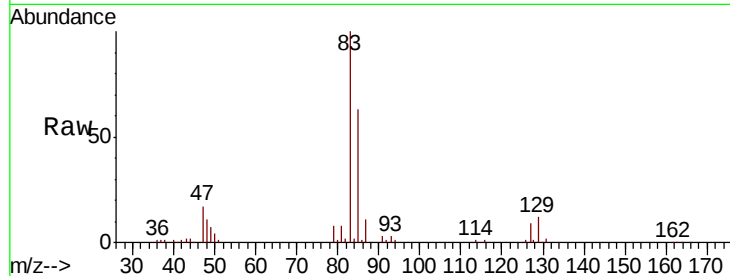




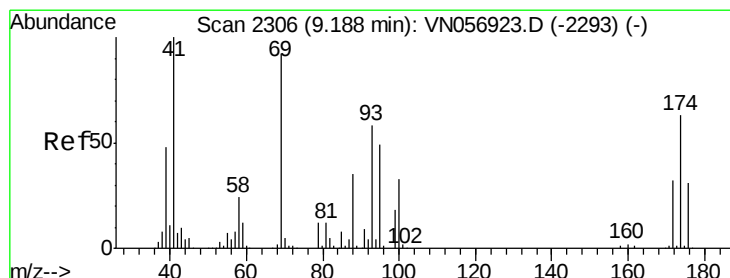
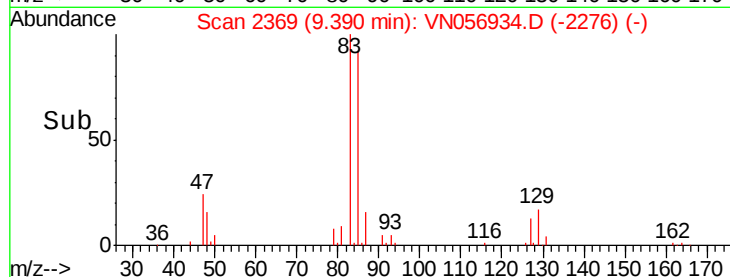
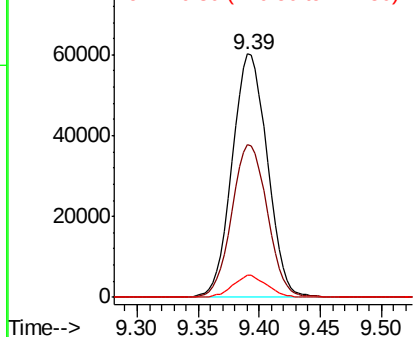
#47
Bromodichloromethane
Concen: 20.061 ug/l
RT: 9.39 min Scan# 2369
Delta R.T. -0.00 min
Lab File: VN056934.D
Acq: 25 Jul 2019 21:14

Instrument :
MSVOA_N
ClientSampleId :
VN0726WBS01

Tot Ion: 83 Resp: 120738
Ion Ratio Lower Upper
83 100
85 62.6 50.5 75.7
127 9.0 7.4 11.0

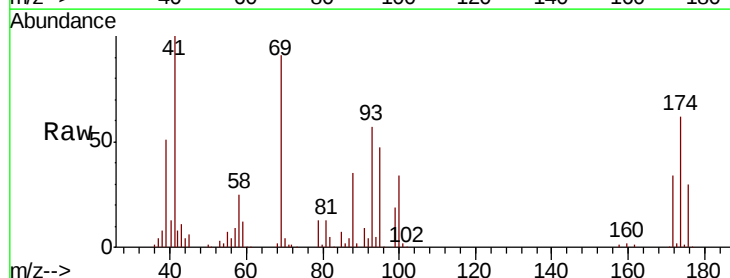


Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): V

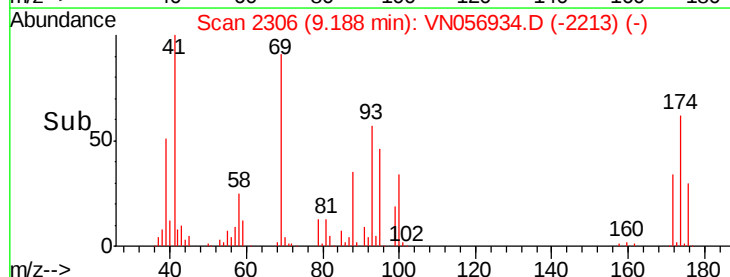
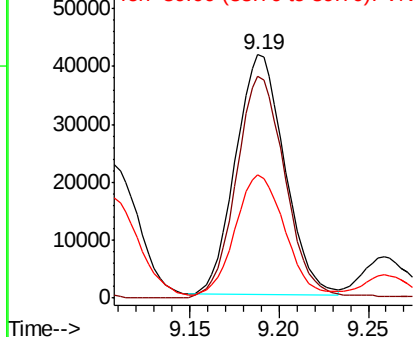


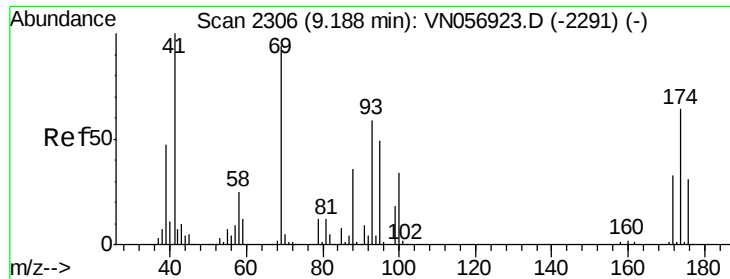
#48
Methyl methacrylate
Concen: 20.376 ug/l
RT: 9.19 min Scan# 2306
Delta R.T. -0.00 min
Lab File: VN056934.D
Acq: 25 Jul 2019 21:14

Tgt Ion: 41 Resp: 79550
Ion Ratio Lower Upper
41 100
69 92.1 73.4 110.0
39 50.4 40.1 60.1



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: 406.529 ug/l

RT: 9.19 min Scan# 2306

Delta R.T. -0.00 min

Lab File: VN056934.D

Acq: 25 Jul 2019 21:14

Instrument :

MSVOA_N

ClientSampleId :

VN0726WBS01

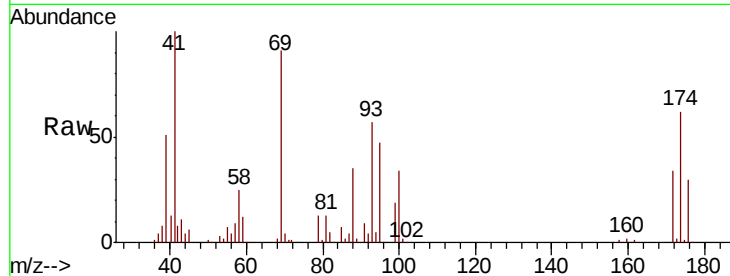
Tot Ion: 88 Resp: 33234

Ion Ratio Lower Upper

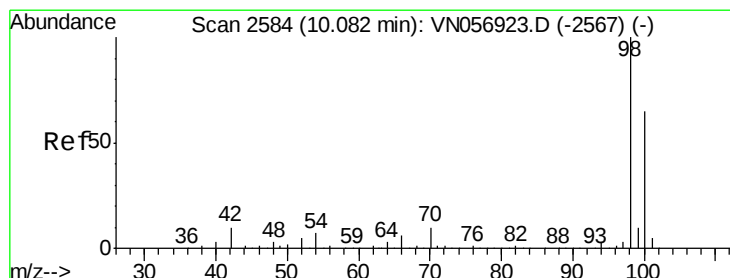
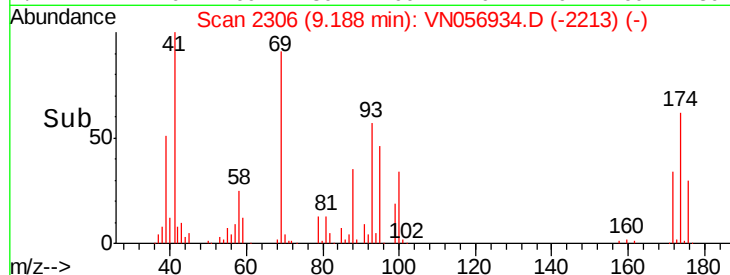
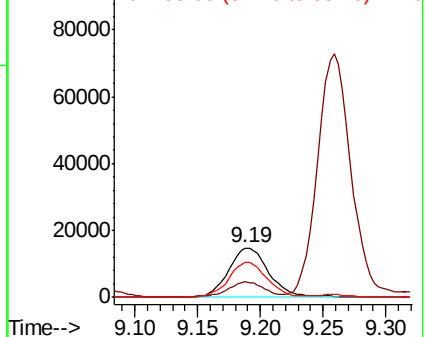
88 100

43 27.1 21.1 31.7

58 67.2 52.5 78.7



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: 52.855 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. -0.00 min

Lab File: VN056934.D

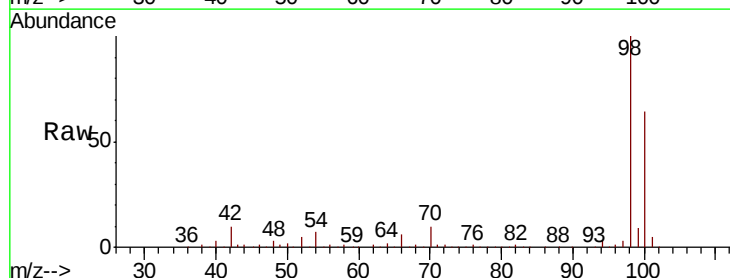
Acq: 25 Jul 2019 21:14

Tgt Ion: 98 Resp: 854462

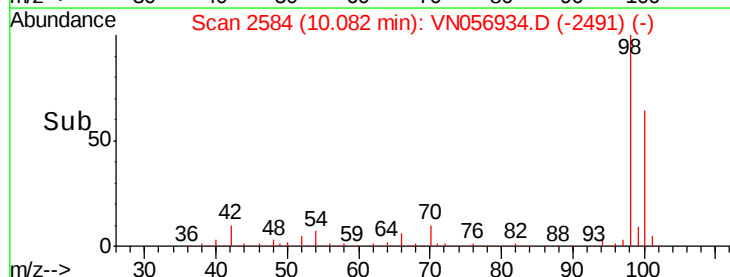
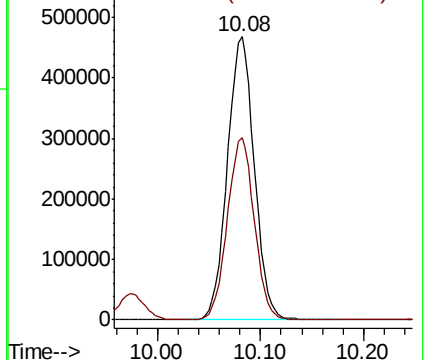
Ion Ratio Lower Upper

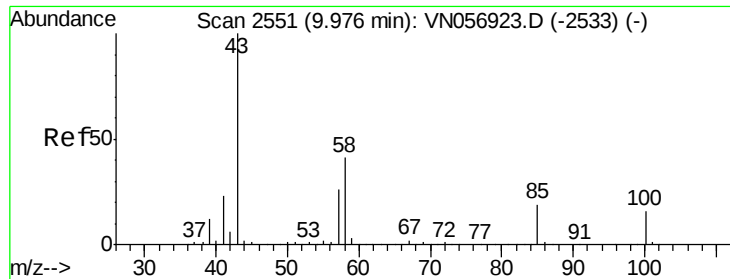
98 100

100 64.1 51.4 77.2



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: 103.297 ug/l

RT: 9.97 min Scan# 2550

Delta R.T. -0.00 min

Lab File: VN056934.D

Acq: 25 Jul 2019 21:14

Instrument :

MSVOA_N

ClientSampleId :

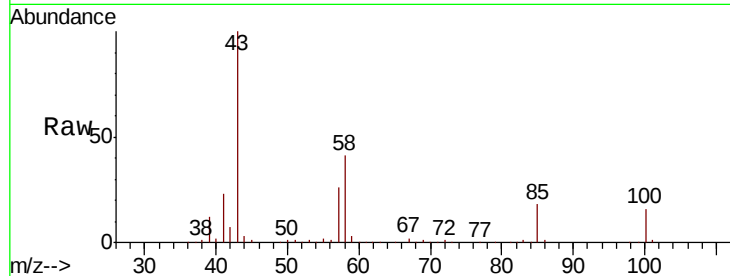
VN0726WBS01

Tot Ion: 43 Resp: 499493

Ion Ratio Lower Upper

43 100

58 40.9 32.8 49.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

9.97

250000

200000

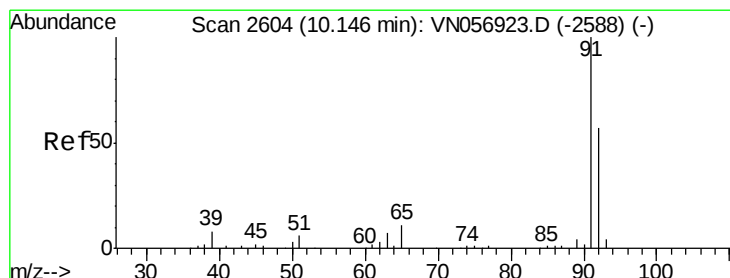
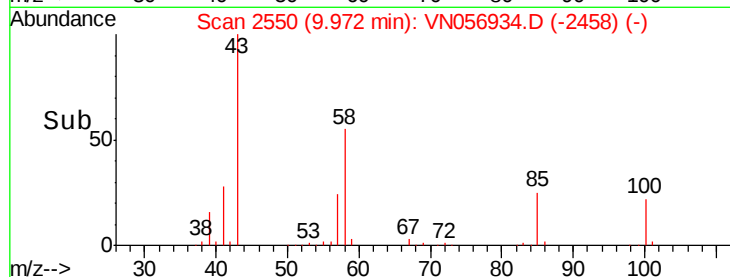
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 20.826 ug/l

RT: 10.15 min Scan# 2604

Delta R.T. -0.00 min

Lab File: VN056934.D

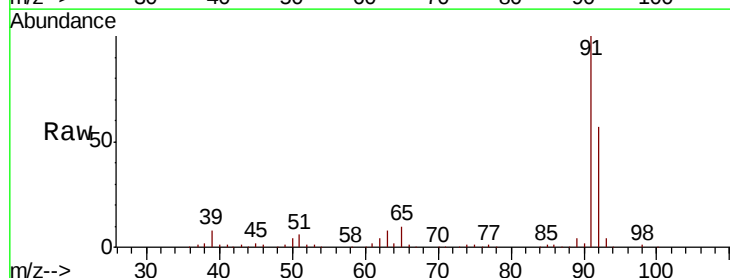
Acq: 25 Jul 2019 21:14

Tgt Ion: 92 Resp: 237612

Ion Ratio Lower Upper

92 100

91 173.6 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

10.15

250000

200000

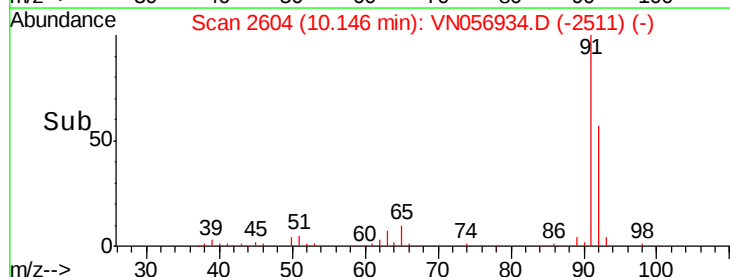
150000

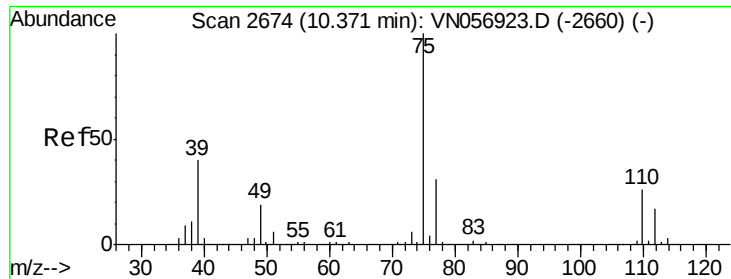
100000

50000

0

Time-->

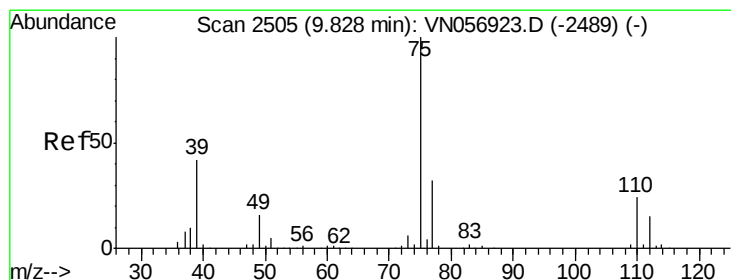
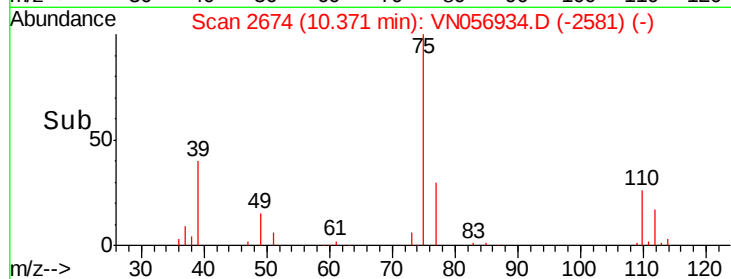
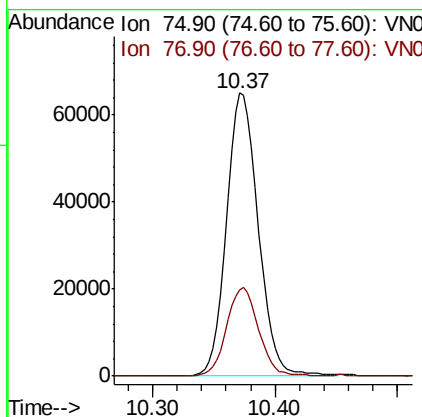
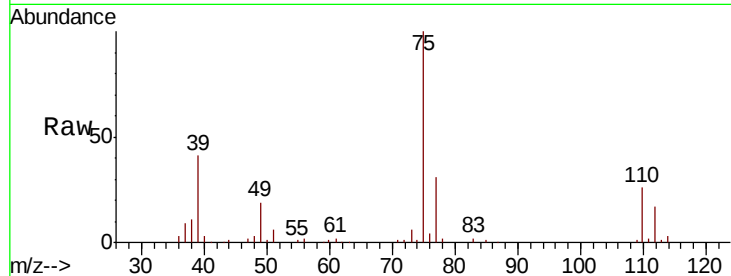




#53
 t-1,3-Dichloropropene
 Concen: 19.509 ug/l
 RT: 10.37 min Scan# 2674
 Delta R.T. -0.00 min
 Lab File: VN056934.D
 Acq: 25 Jul 2019 21:14

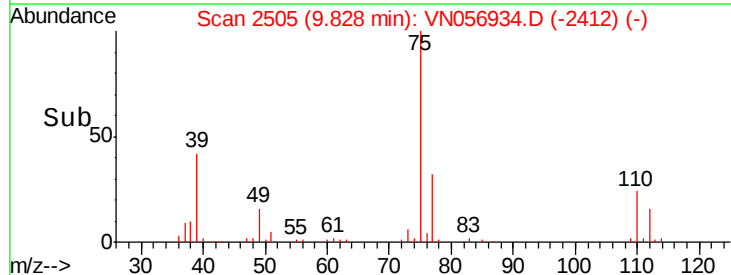
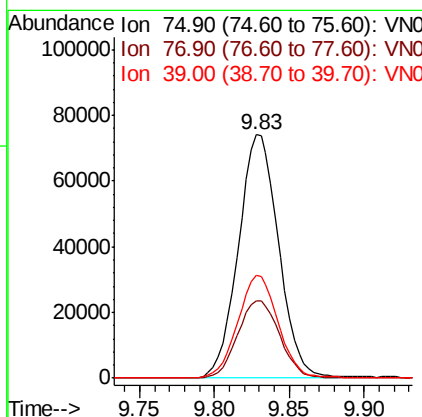
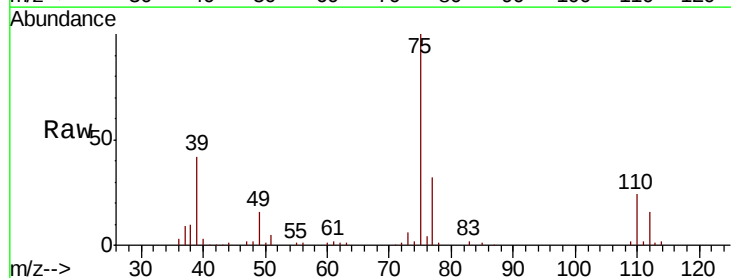
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0726WBS01

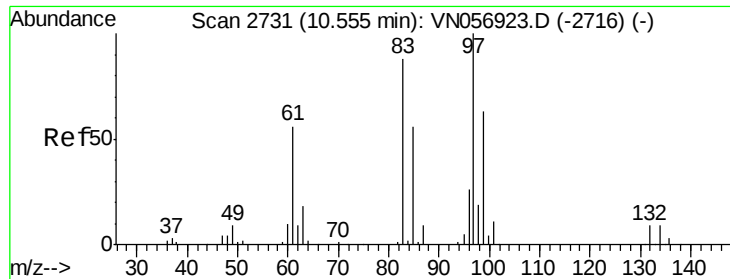
Tot Ion: 75 Resp: 118378
 Ion Ratio Lower Upper
 75 100
 77 30.5 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 19.430 ug/l
 RT: 9.83 min Scan# 2505
 Delta R.T. -0.00 min
 Lab File: VN056934.D
 Acq: 25 Jul 2019 21:14

Tgt Ion: 75 Resp: 138795
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.4 38.0
 39 42.3 33.4 50.0

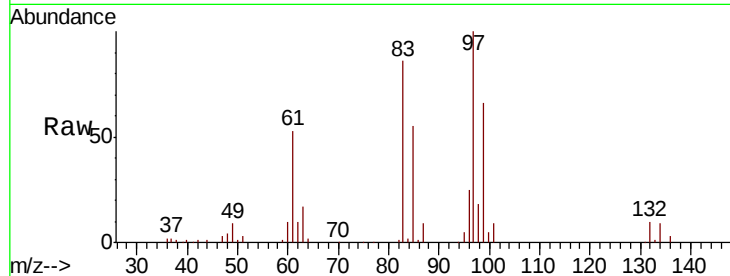




#55
 1,1,2-Trichloroethane
 Concen: 19.973 ug/l
 RT: 10.55 min Scan# 2731
 Delta R.T. -0.00 min
 Lab File: VN056934.D
 Acq: 25 Jul 2019 21:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0726WBS01

Tot Ion:	97	Resp:	91327
Ion	Ratio	Lower	Upper
97	100		
83	86.0	70.1	105.1
85	54.8	45.1	67.7
99	66.2	50.6	75.8



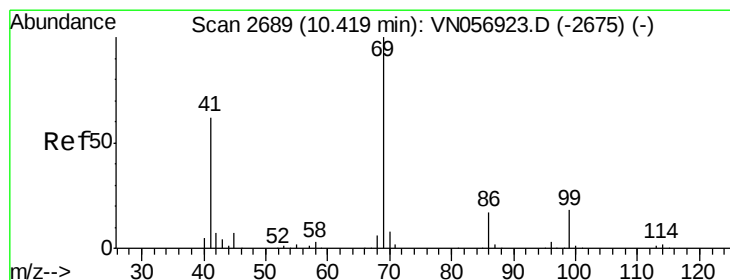
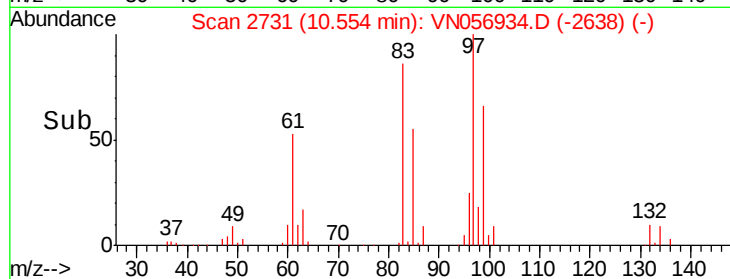
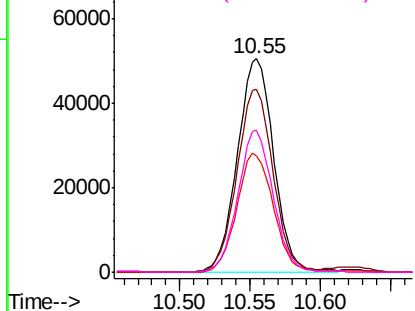
Abundance

Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

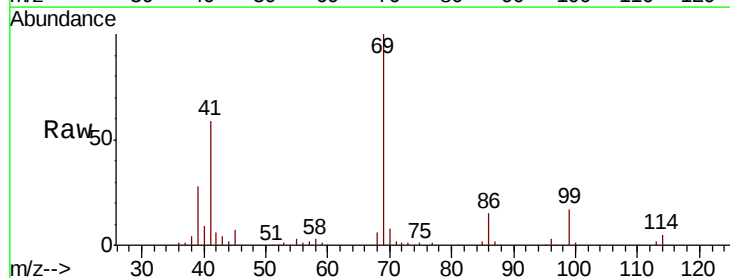
Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56
 Ethyl methacrylate
 Concen: 21.238 ug/l
 RT: 10.42 min Scan# 2689
 Delta R.T. -0.00 min
 Lab File: VN056934.D
 Acq: 25 Jul 2019 21:14

Tgt Ion:	69	Resp:	130570
Ion	Ratio	Lower	Upper
69	100		
41	60.1	49.7	74.5
39	27.6	23.6	35.4

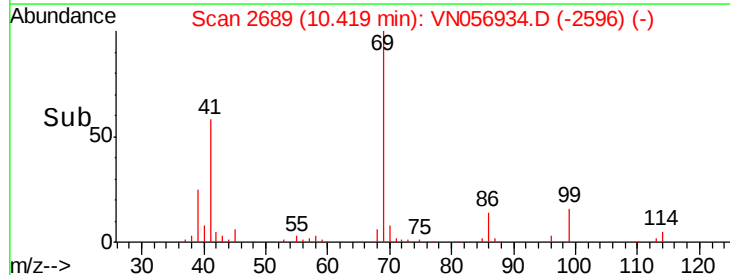
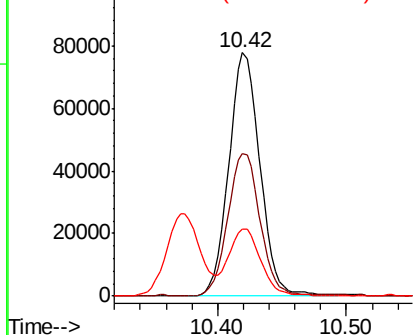


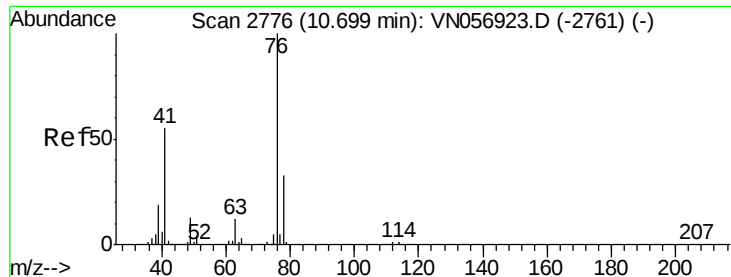
Abundance

Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

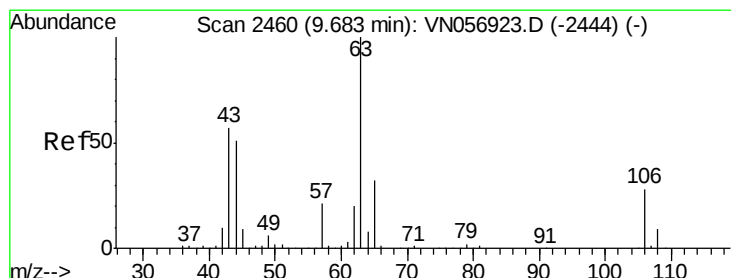
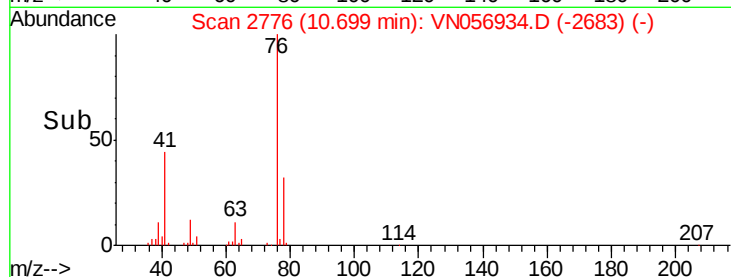
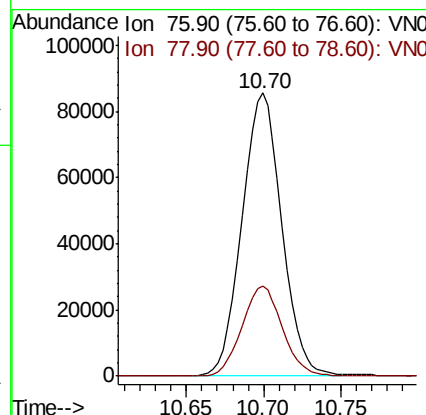
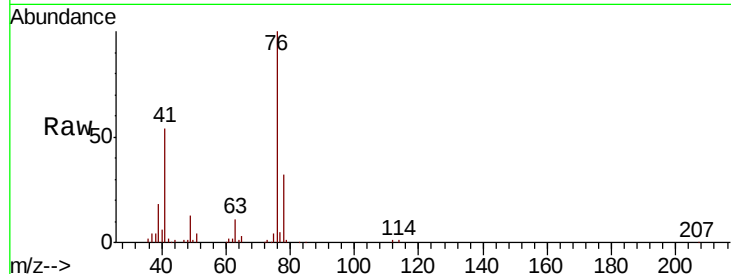




#57
 1,3-Dichloropropane
 Concen: 20.417 ug/l
 RT: 10.70 min Scan# 2776
 Delta R.T. -0.00 min
 Lab File: VN056934.D
 Acq: 25 Jul 2019 21:14

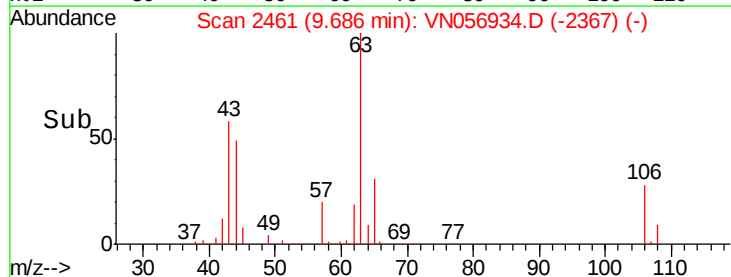
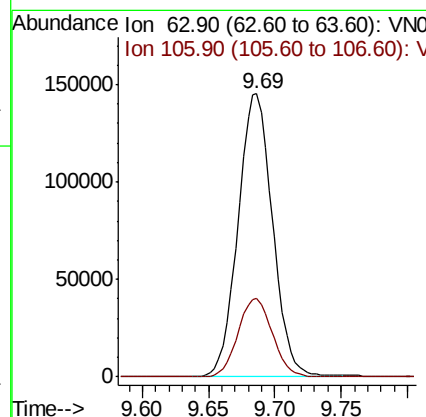
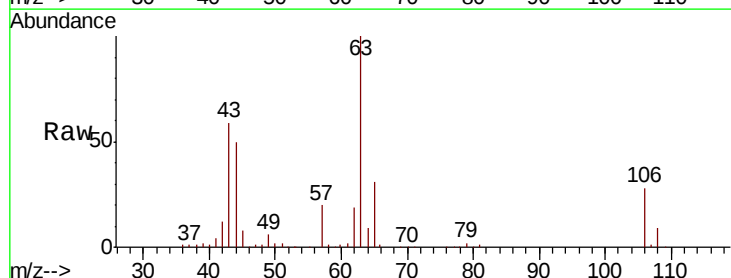
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0726WBS01

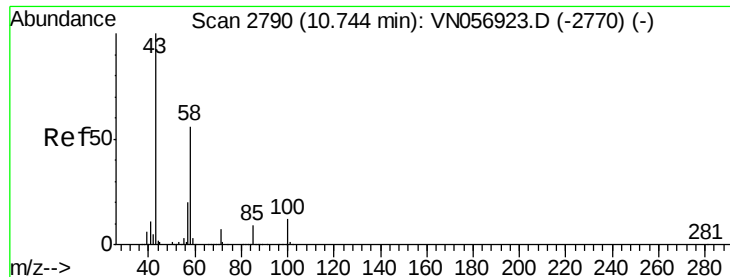
Tot Ion: 76 Resp: 152798
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 99.374 ug/l
 RT: 9.69 min Scan# 2461
 Delta R.T. 0.00 min
 Lab File: VN056934.D
 Acq: 25 Jul 2019 21:14

Tgt Ion: 63 Resp: 262634
 Ion Ratio Lower Upper
 63 100
 106 27.7 22.2 33.4

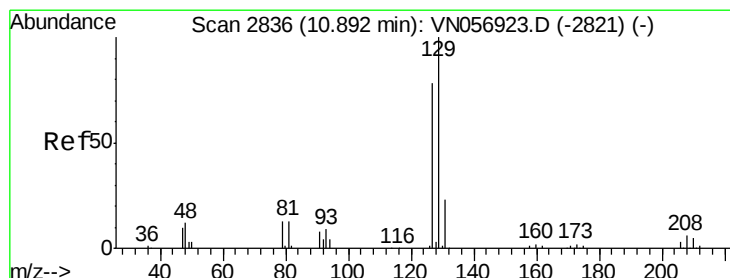
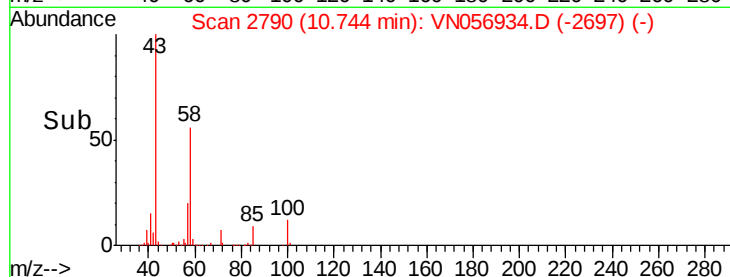
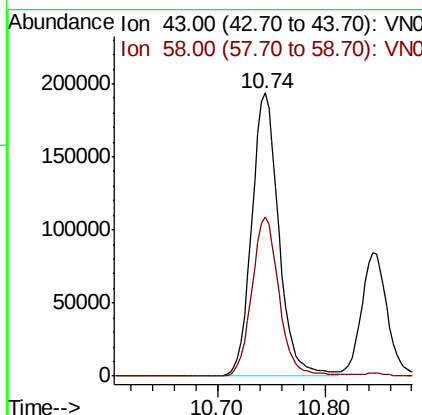
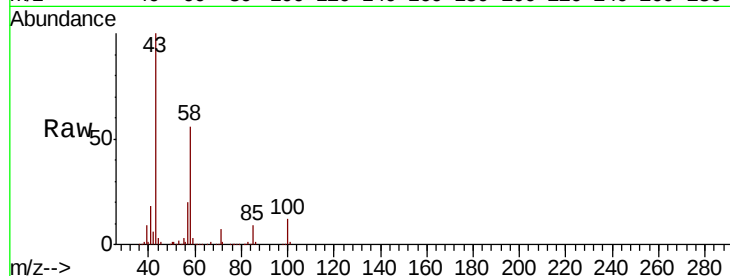




#59
2-Hexanone
Concen: 101.509 ug/l
RT: 10.74 min Scan# 2790
Delta R.T. -0.00 min
Lab File: VN056934.D
Acq: 25 Jul 2019 21:14

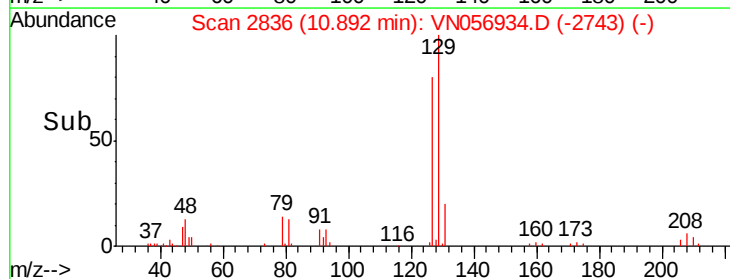
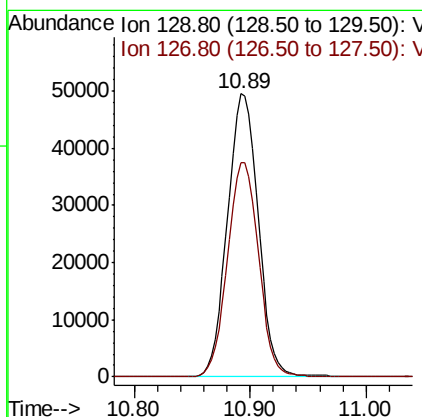
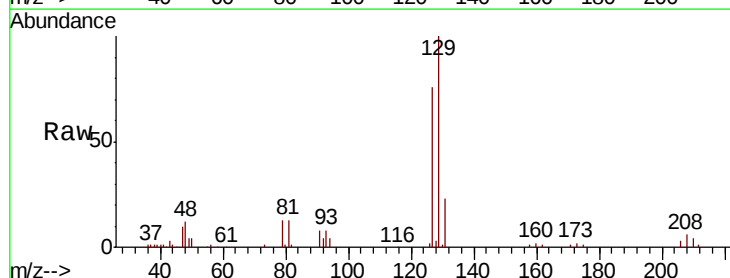
Instrument :
MSVOA_N
ClientSampleId :
VN0726WBS01

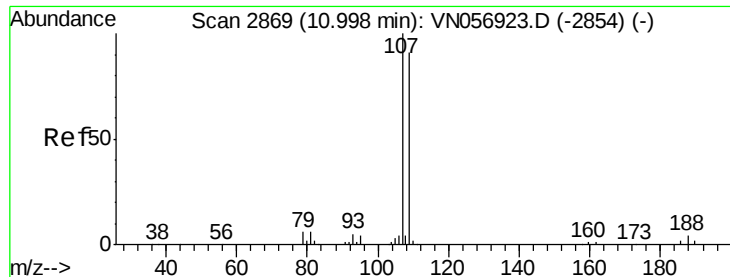
Tot Ion: 43 Resp: 336507
Ion Ratio Lower Upper
43 100
58 56.5 28.2 84.6



#60
Dibromochloromethane
Concen: 19.612 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. -0.00 min
Lab File: VN056934.D
Acq: 25 Jul 2019 21:14

Tgt Ion: 129 Resp: 91111
Ion Ratio Lower Upper
129 100
127 76.3 38.4 115.2

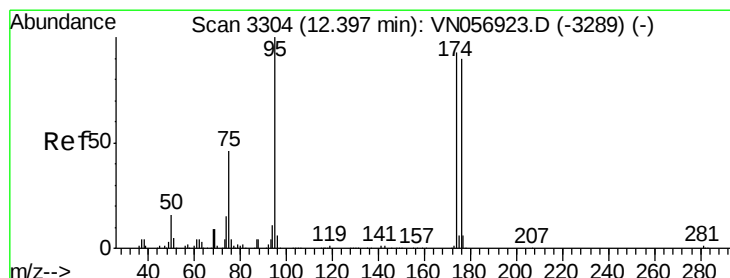
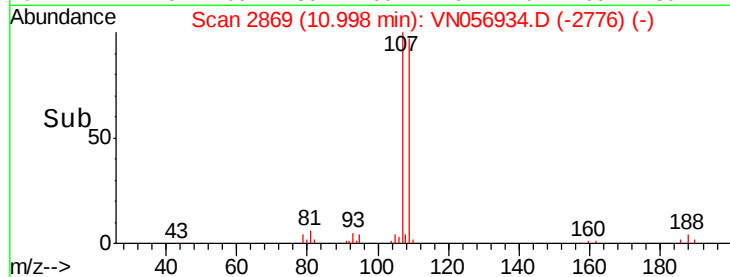
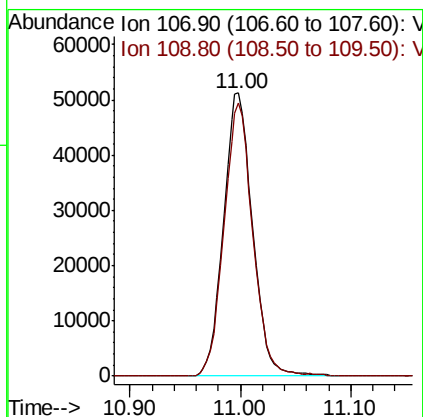
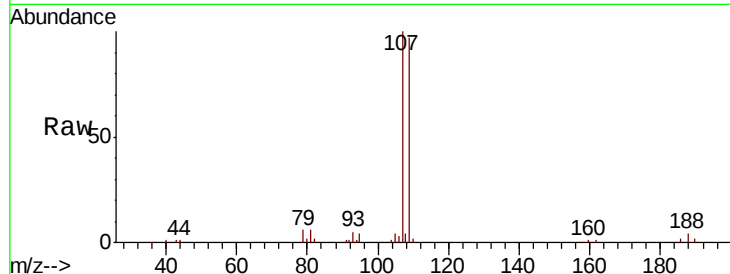




#61
 1,2-Dibromoethane
 Concen: 20.590 ug/l
 RT: 11.00 min Scan# 2869
 Delta R.T. -0.00 min
 Lab File: VN056934.D
 Acq: 25 Jul 2019 21:14

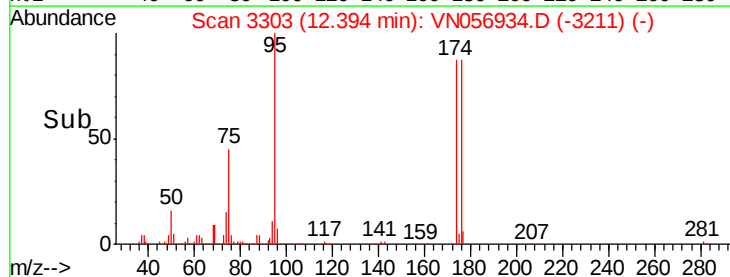
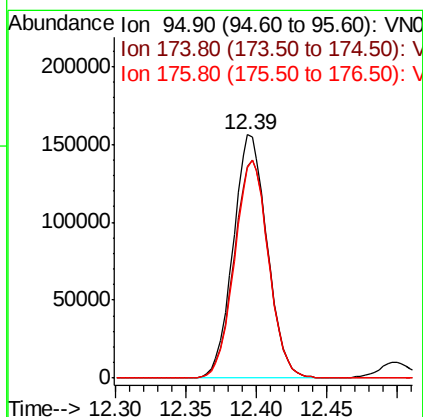
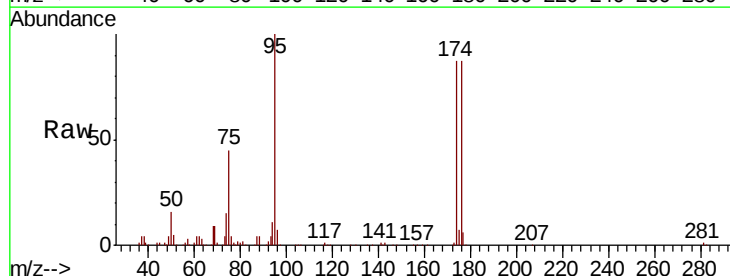
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0726WBS01

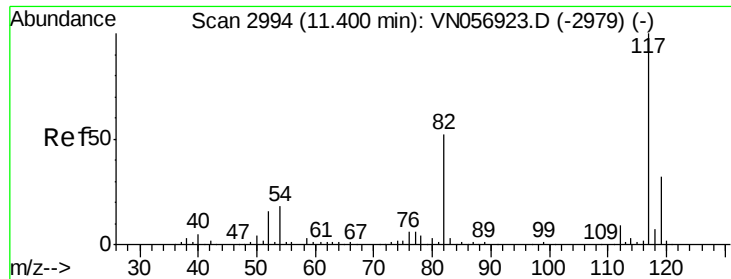
Tot Ion: 107 Resp: 93450
 Ion Ratio Lower Upper
 107 100
 109 95.3 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 49.817 ug/l
 RT: 12.39 min Scan# 3303
 Delta R.T. -0.00 min
 Lab File: VN056934.D
 Acq: 25 Jul 2019 21:14

Tgt Ion: 95 Resp: 262961
 Ion Ratio Lower Upper
 95 100
 174 91.6 0.0 186.2
 176 89.3 0.0 179.6

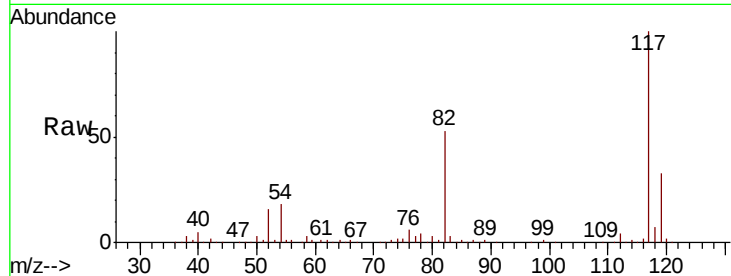




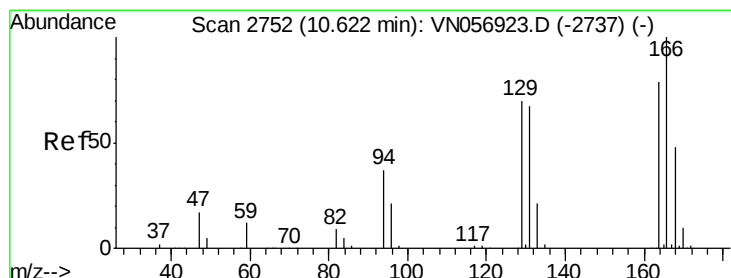
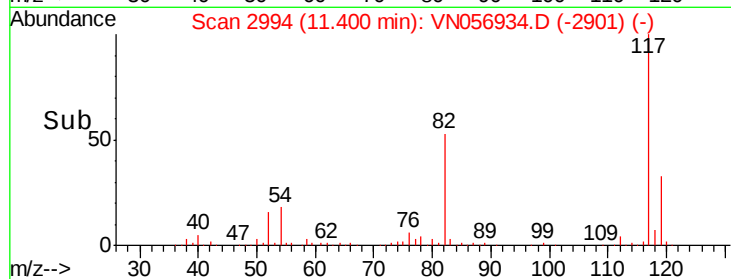
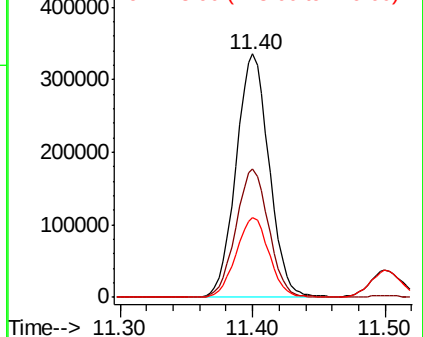
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN056934.D
Acq: 25 Jul 2019 21:14

Instrument :
MSVOA_N
ClientSampleId :
VN0726WBS01

Tot Ion:117 Resp: 581506
Ion Ratio Lower Upper
117 100
82 52.6 41.7 62.5
119 32.8 25.5 38.3

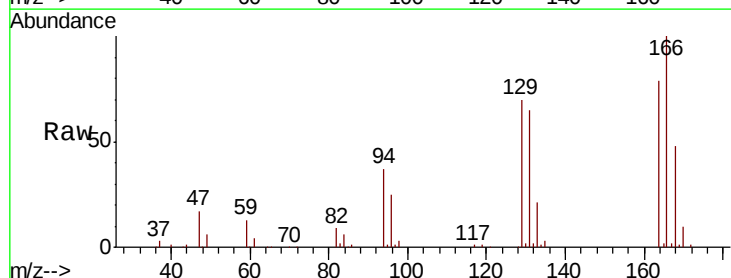


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

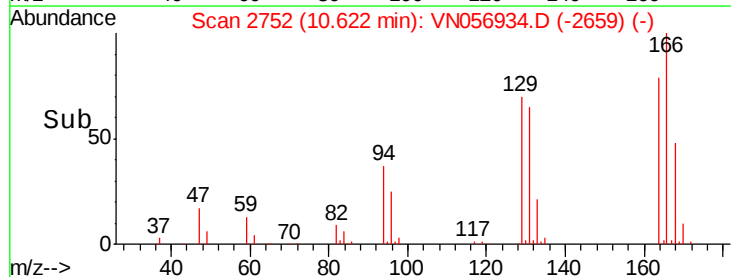
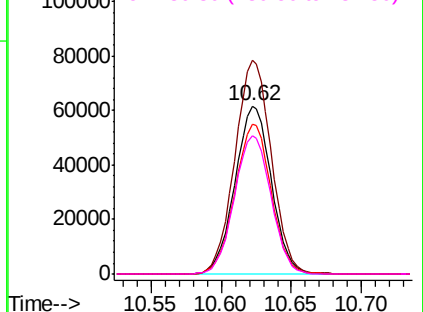


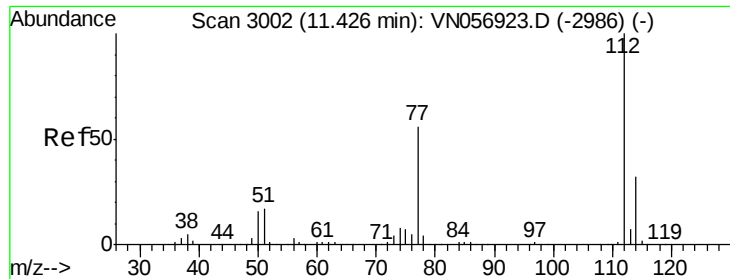
#64
Tetrachloroethene
Concen: 20.904 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. -0.00 min
Lab File: VN056934.D
Acq: 25 Jul 2019 21:14

Tgt Ion:164 Resp: 111038
Ion Ratio Lower Upper
164 100
166 127.4 101.6 152.4
129 89.0 70.9 106.3
131 82.4 68.4 102.6



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

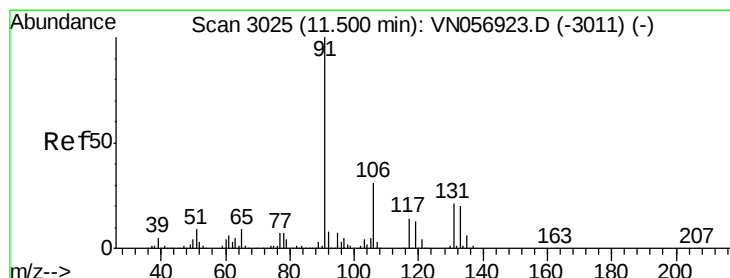
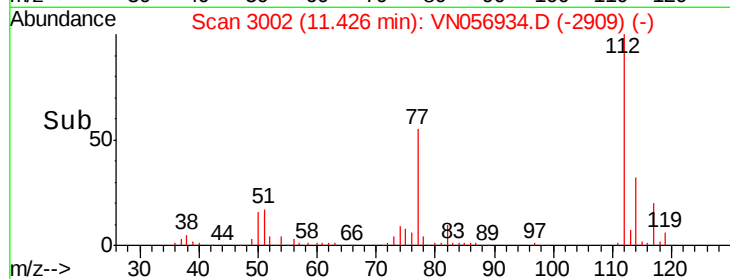
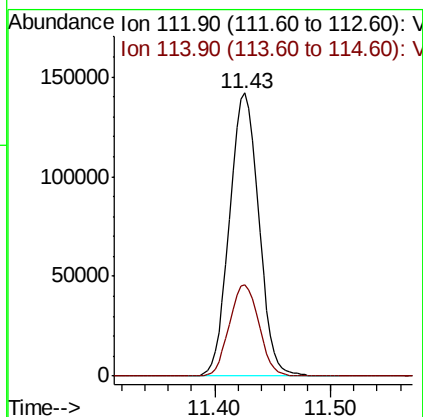
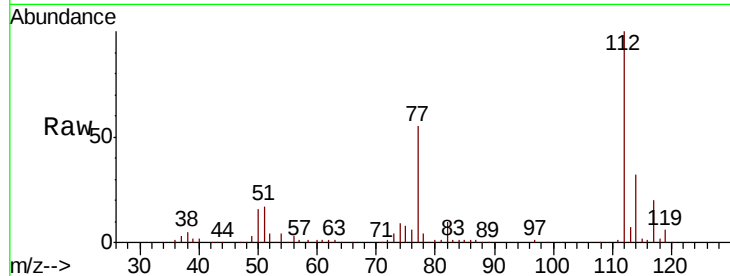




#65
Chlorobenzene
Concen: 20.385 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. -0.00 min
Lab File: VN056934.D
Acq: 25 Jul 2019 21:14

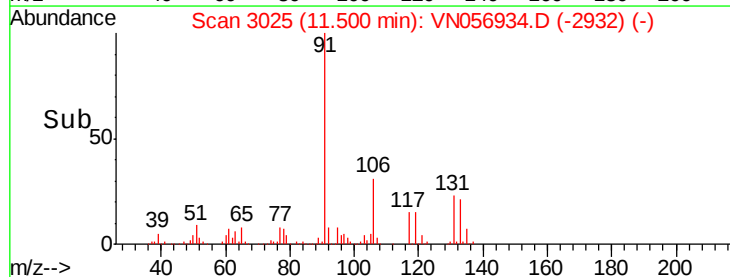
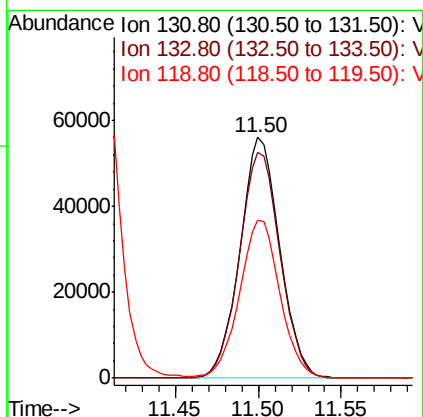
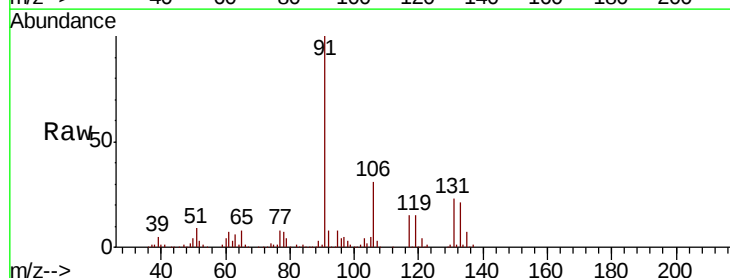
Instrument :
MSVOA_N
ClientSampleId :
VN0726WBS01

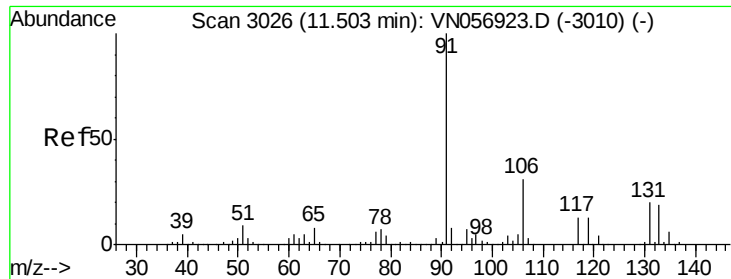
Tot Ion:112 Resp: 248009
Ion Ratio Lower Upper
112 100
114 32.4 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 20.593 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. -0.00 min
Lab File: VN056934.D
Acq: 25 Jul 2019 21:14

Tgt Ion:131 Resp: 93175
Ion Ratio Lower Upper
131 100
133 96.0 47.1 141.4
119 66.9 32.6 98.0

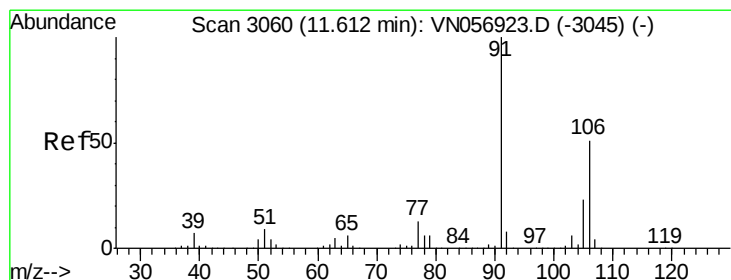
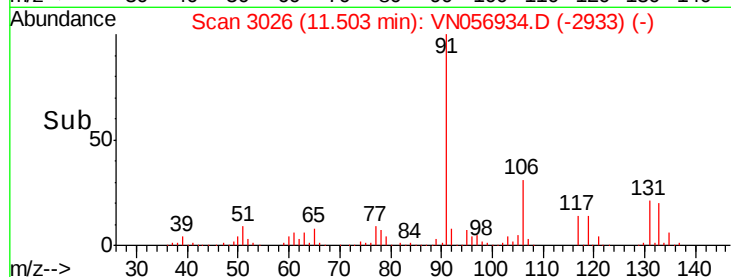
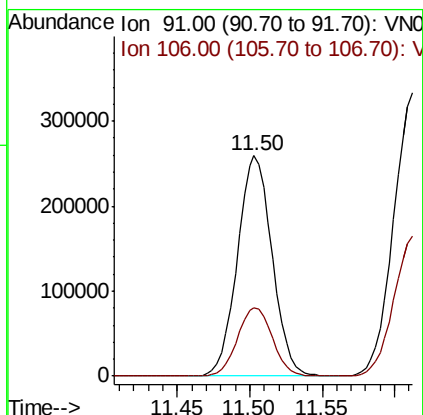
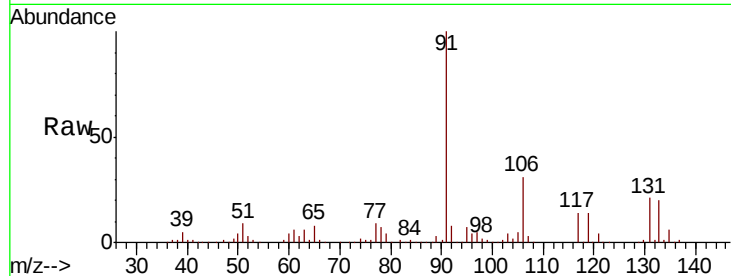




#67
Ethyl Benzene
Concen: 20.577 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. -0.00 min
Lab File: VN056934.D
Acq: 25 Jul 2019 21:14

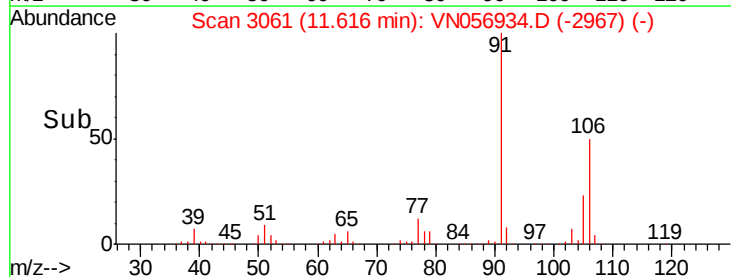
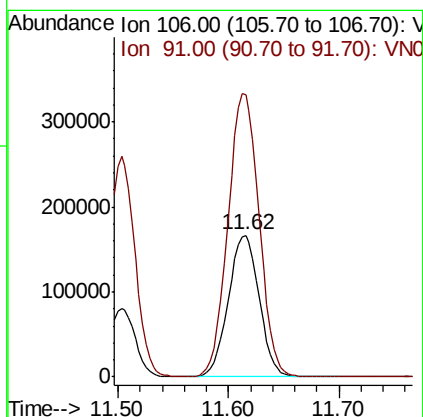
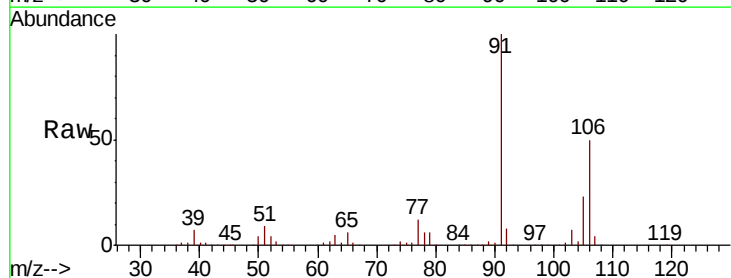
Instrument :
MSVOA_N
ClientSampled :
VN0726WBS01

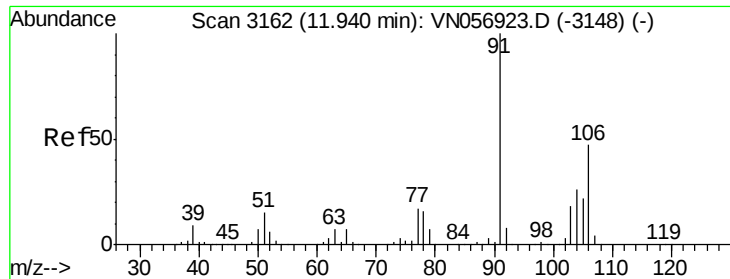
Tot Ion: 91 Resp: 431026
Ion Ratio Lower Upper
91 100
106 31.2 24.9 37.3



#68
m/p-Xylenes
Concen: 41.361 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. 0.00 min
Lab File: VN056934.D
Acq: 25 Jul 2019 21:14

Tgt Ion: 106 Resp: 323071
Ion Ratio Lower Upper
106 100
91 201.8 159.6 239.4

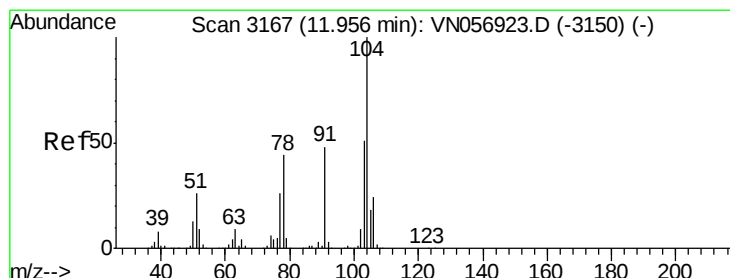
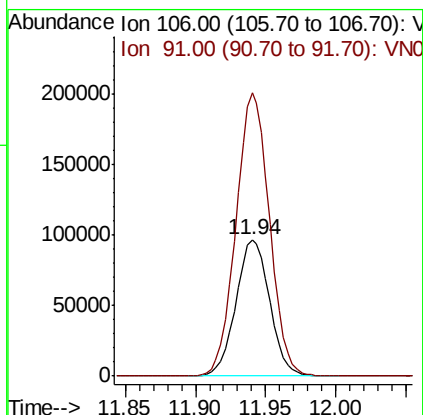
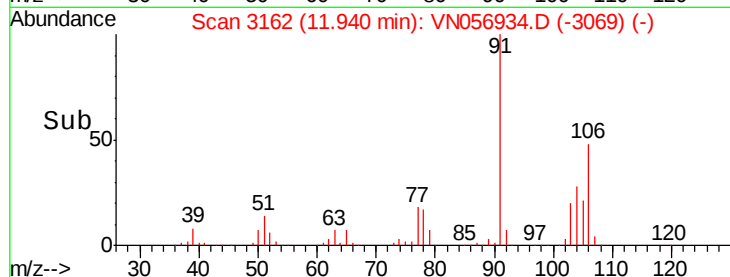
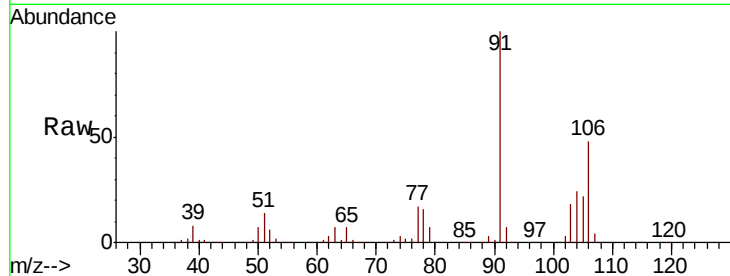




#69
o-Xylene
Concen: 21.142 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN056934.D
Acq: 25 Jul 2019 21:14

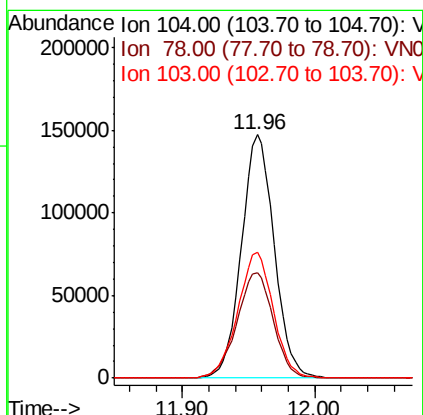
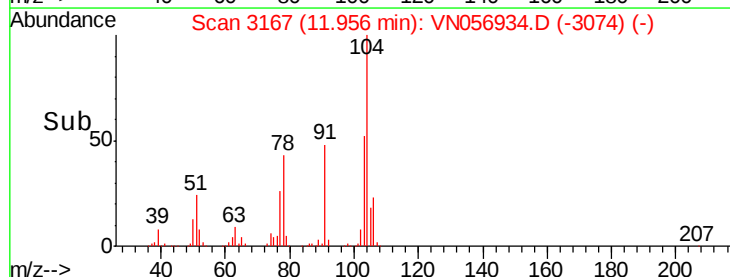
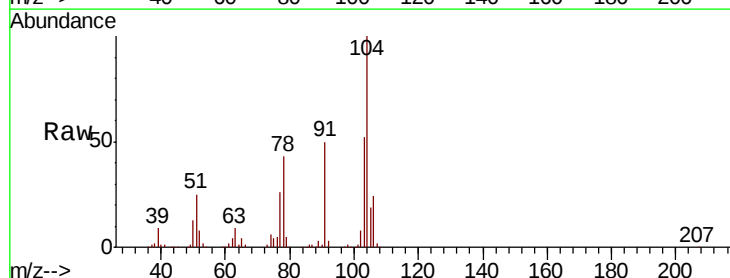
Instrument :
MSVOA_N
ClientSampled :
VN0726WBS01

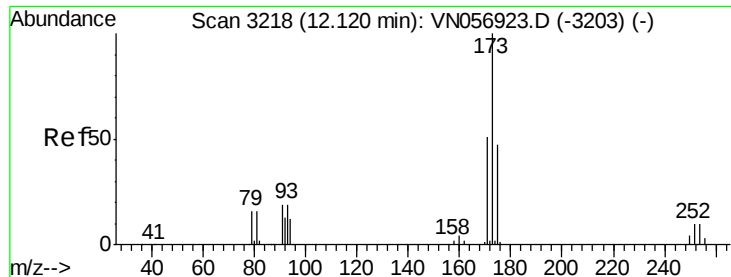
Tot Ion:106 Resp: 161592
Ion Ratio Lower Upper
106 100
91 206.8 105.7 317.0



#70
Styrene
Concen: 19.536 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN056934.D
Acq: 25 Jul 2019 21:14

Tgt Ion:104 Resp: 253419
Ion Ratio Lower Upper
104 100
78 48.0 38.5 57.7
103 55.9 44.1 66.1





#71

Bromoform

Concen: 19.452 ug/l

RT: 12.12 min Scan# 3218

Delta R.T. -0.00 min

Lab File: VN056934.D

Acq: 25 Jul 2019 21:14

Instrument :

MSVOA_N

ClientSampleId :

VN0726WBS01

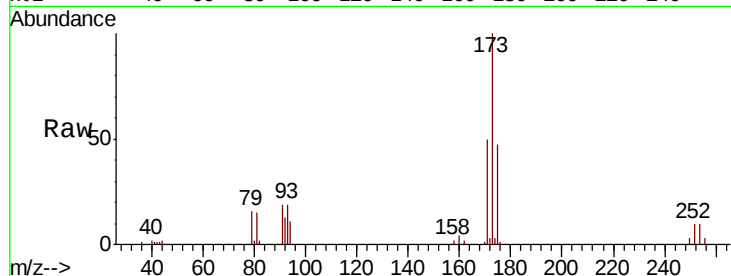
Tot Ion:173 Resp: 61132

Ion Ratio Lower Upper

173 100

175 48.1 24.2 72.6

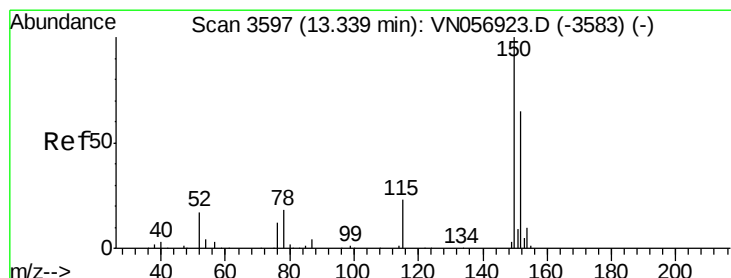
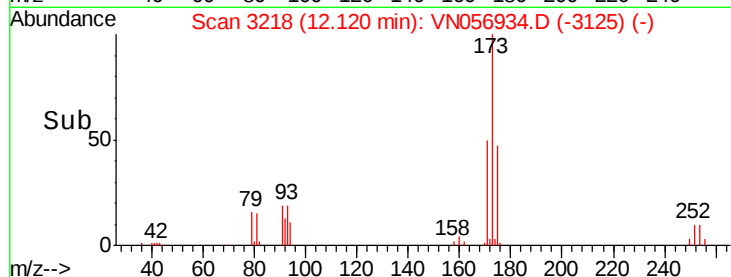
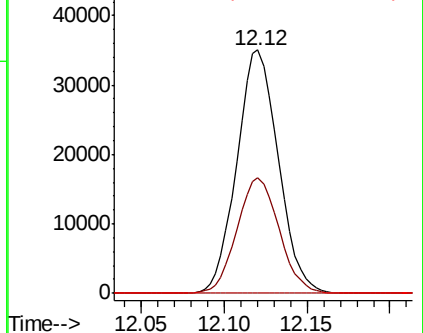
254 0.0 0.1 0.1#



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: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN056934.D

Acq: 25 Jul 2019 21:14

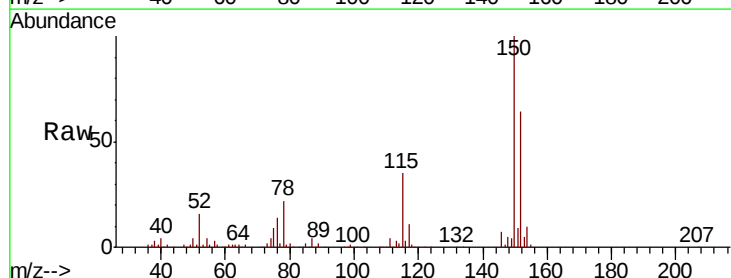
Tgt Ion:152 Resp: 225853

Ion Ratio Lower Upper

152 100

115 55.6 27.9 83.7

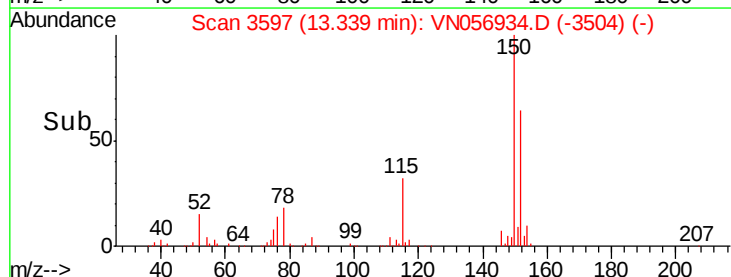
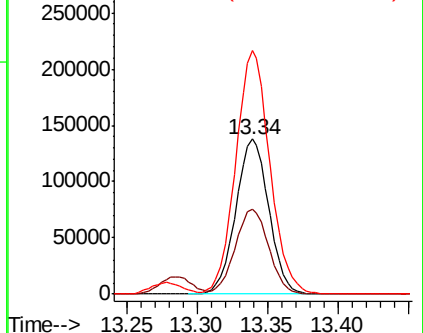
150 162.5 0.0 354.2

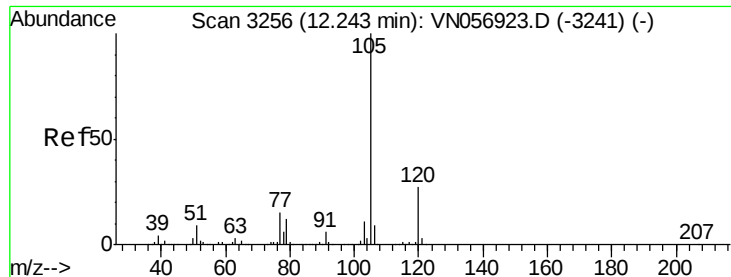


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.705 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. 0.00 min

Lab File: VN056934.D

Acq: 25 Jul 2019 21:14

Instrument :

MSVOA_N

ClientSampleId :

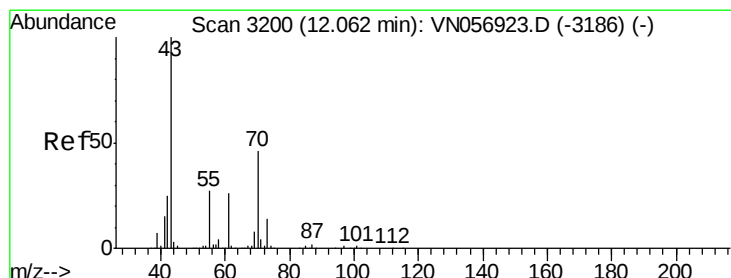
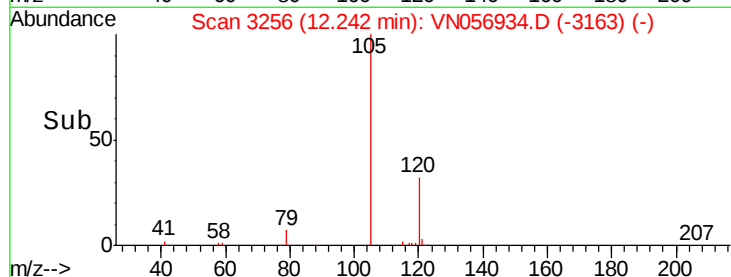
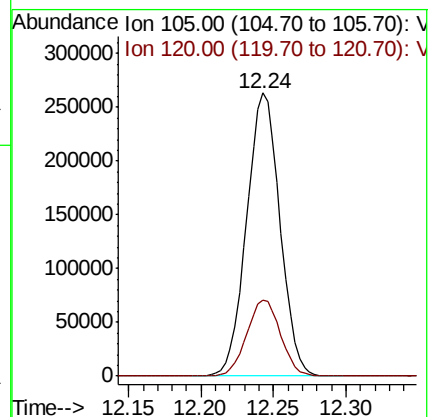
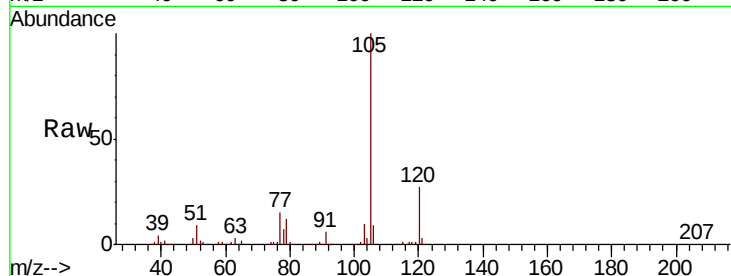
VN0726WBS01

Tot Ion:105 Resp: 421763

Ion Ratio Lower Upper

105 100

120 27.1 13.4 40.1



#74

N-ethyl acetate

Concen: 20.302 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. -0.00 min

Lab File: VN056934.D

Acq: 25 Jul 2019 21:14

Tgt Ion: 43 Resp: 122510

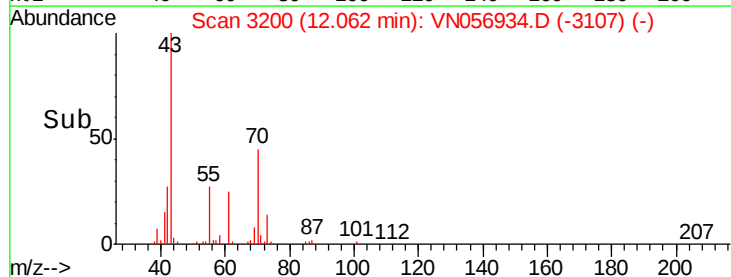
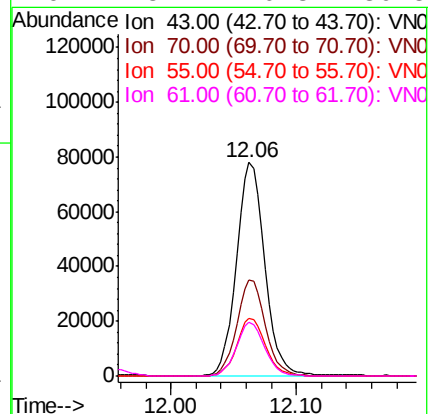
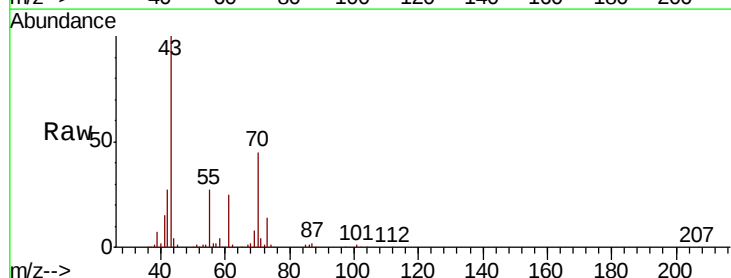
Ion Ratio Lower Upper

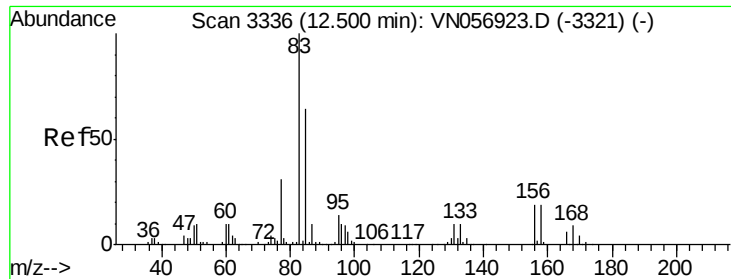
43 100

70 45.2 35.9 53.9

55 27.4 21.4 32.2

61 25.1 20.3 30.5





#75

1,1,2,2-Tetrachloroethane

Concen: 22.520 ug/l

RT: 12.50 min Scan# 3335

Delta R.T. -0.00 min

Lab File: VN056934.D

Acq: 25 Jul 2019 21:14

Instrument :

MSVOA_N

ClientSampleId :

VN0726WBS01

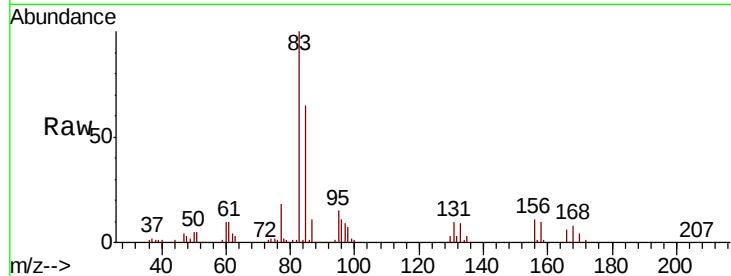
Tot Ion: 83 Resp: 118118

Ion Ratio Lower Upper

83 100

131 10.2 5.3 15.8

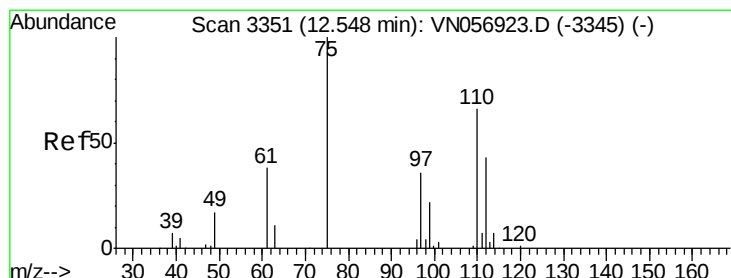
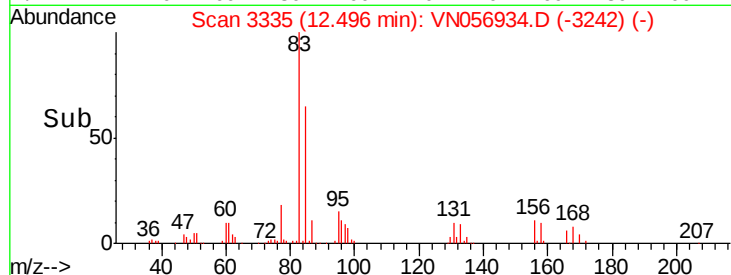
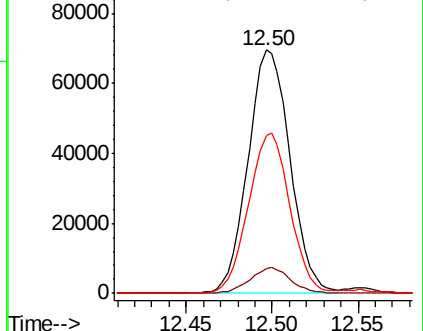
85 64.7 32.3 96.9



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 29.388 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN056934.D

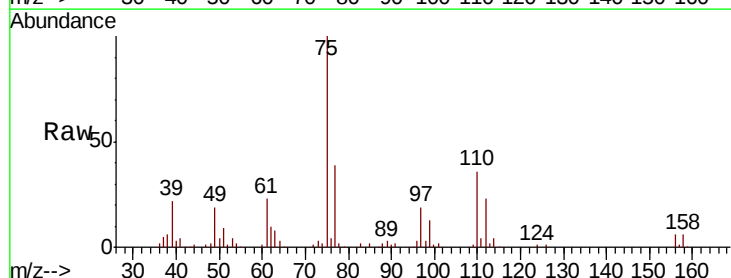
Acq: 25 Jul 2019 21:14

Tgt Ion: 75 Resp: 134311

Ion Ratio Lower Upper

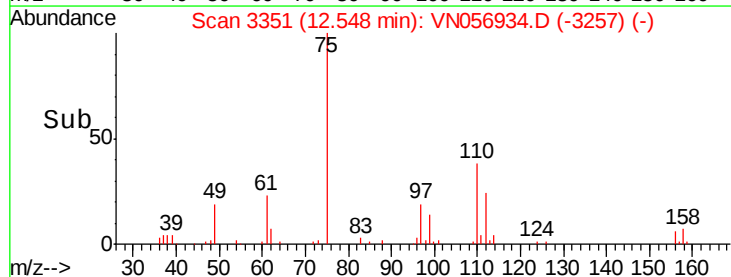
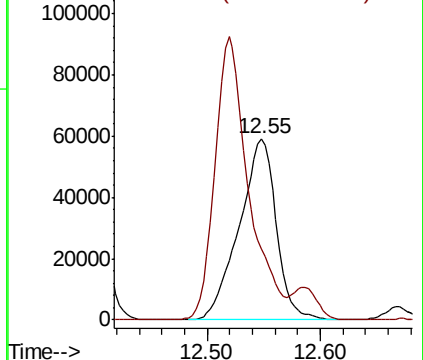
75 100

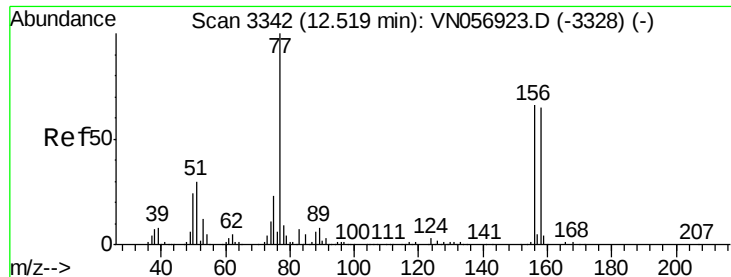
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 20.272 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. -0.00 min

Lab File: VN056934.D

Acq: 25 Jul 2019 21:14

Instrument :

MSVOA_N

ClientSampleId :

VN0726WBS01

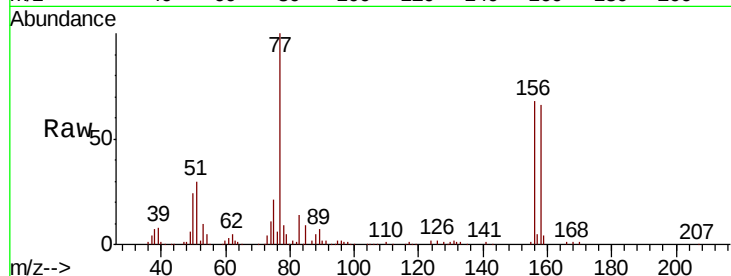
Tot Ion:156 Resp: 106483

Ion Ratio Lower Upper

156 100

77 178.9 90.8 272.3

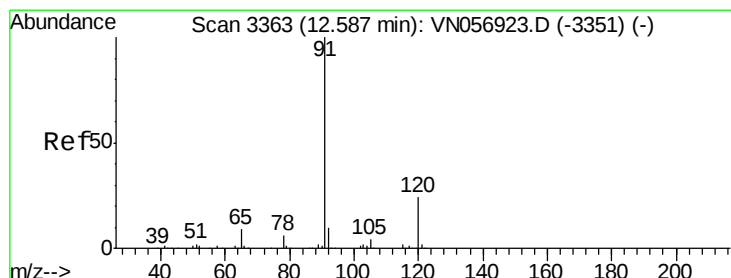
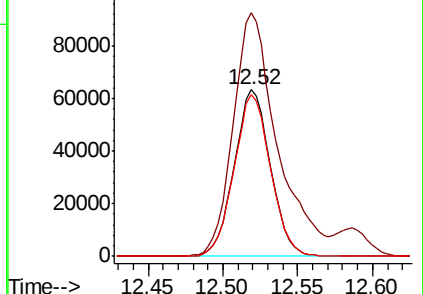
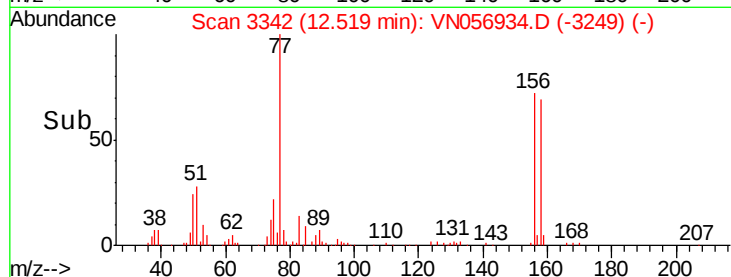
158 97.8 49.5 148.5



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: 20.422 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN056934.D

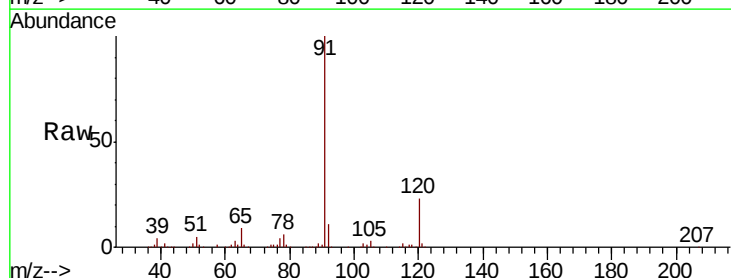
Acq: 25 Jul 2019 21:14

Tgt Ion: 91 Resp: 443354

Ion Ratio Lower Upper

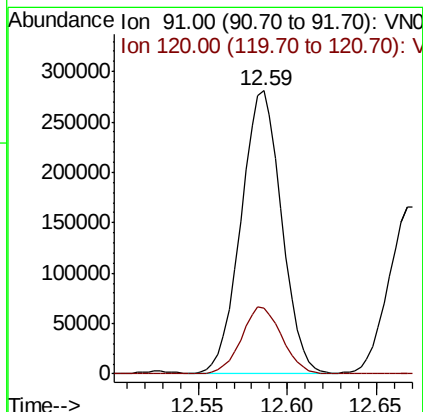
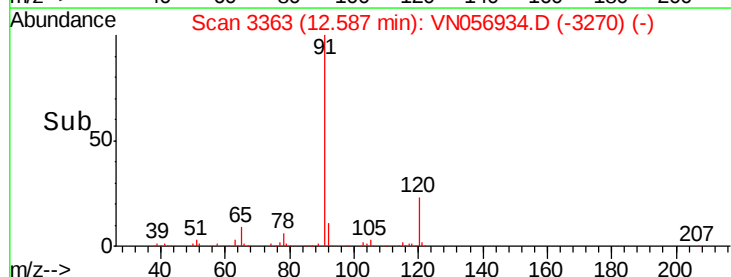
91 100

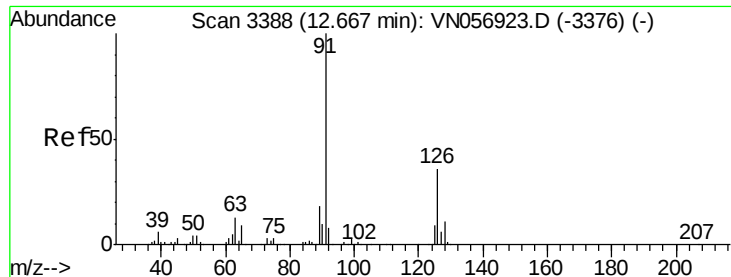
120 23.7 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

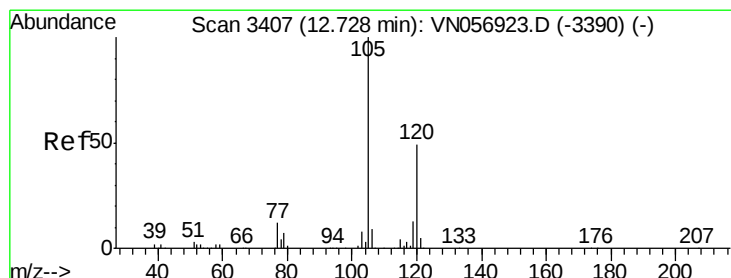
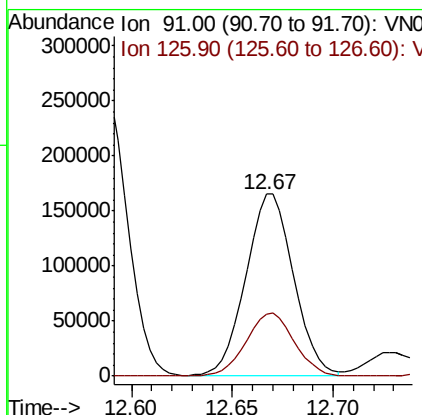
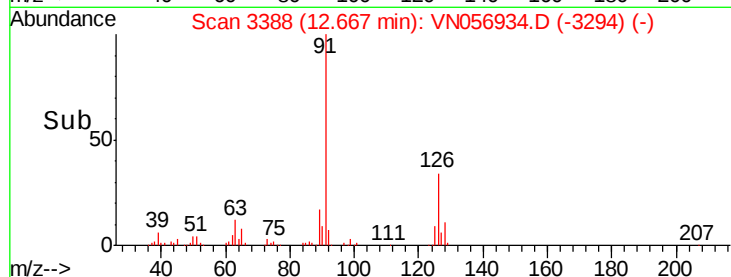
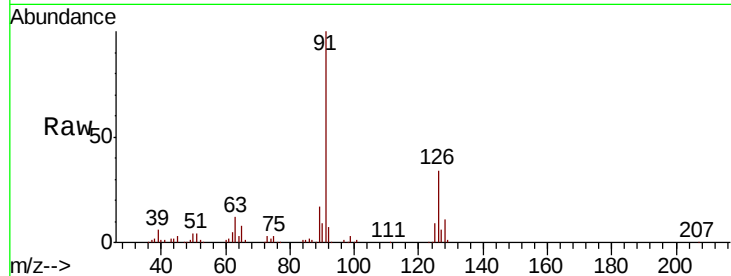




#79
 2-Chlorotoluene
 Concen: 21.388 ug/l
 RT: 12.67 min Scan# 3388
 Delta R.T. 0.00 min
 Lab File: VN056934.D
 Acq: 25 Jul 2019 21:14

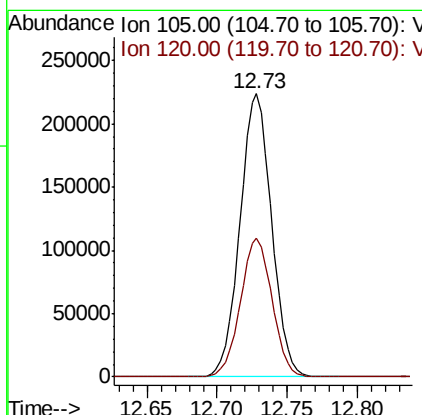
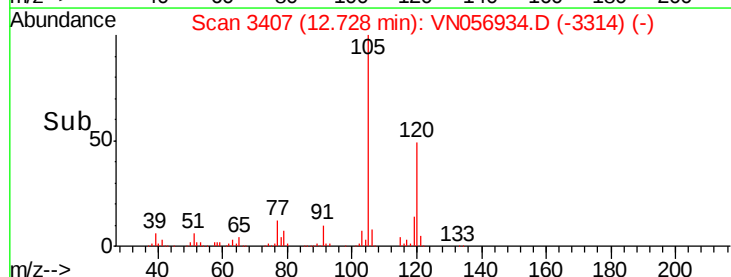
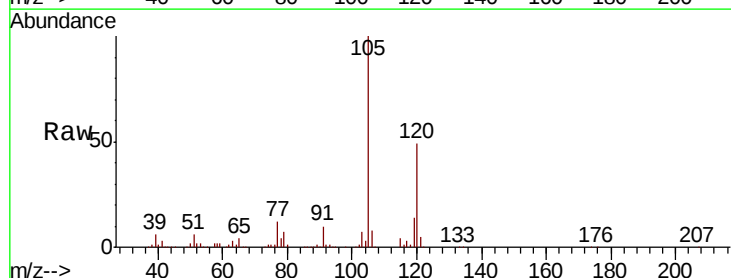
Instrument :
 MSVOA_N
 ClientSampled :
 VN0726WBS01

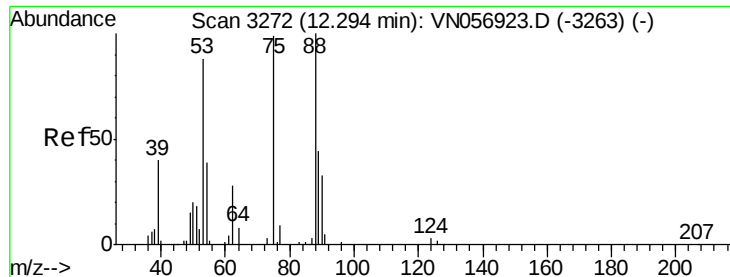
Tot Ion: 91 Resp: 272929
 Ion Ratio Lower Upper
 91 100
 126 35.2 17.9 53.7



#80
 1,3,5-Trimethylbenzene
 Concen: 20.723 ug/l
 RT: 12.73 min Scan# 3407
 Delta R.T. -0.00 min
 Lab File: VN056934.D
 Acq: 25 Jul 2019 21:14

Tgt Ion: 105 Resp: 351768
 Ion Ratio Lower Upper
 105 100
 120 48.9 24.9 74.7





#81

trans-1,4-Dichloro-2-butene

Concen: 18.994 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. -0.00 min

Lab File: VN056934.D

Acq: 25 Jul 2019 21:14

Instrument :

MSVOA_N

ClientSampled :

VN0726WBS01

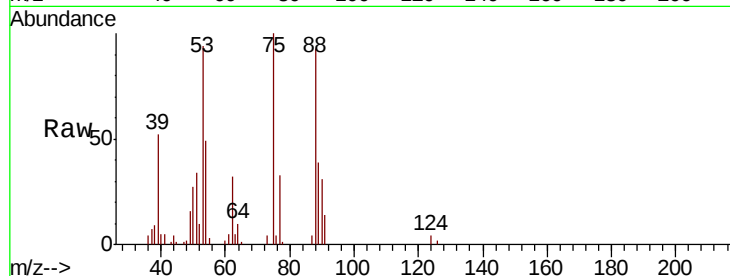
Tot Ion: 75 Resp: 27233

Ion Ratio Lower Upper

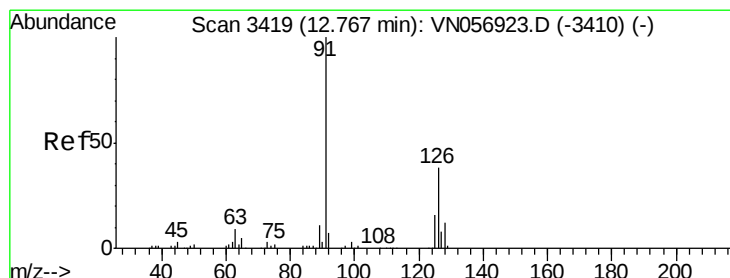
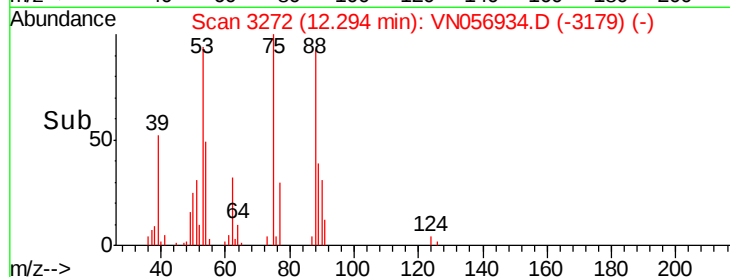
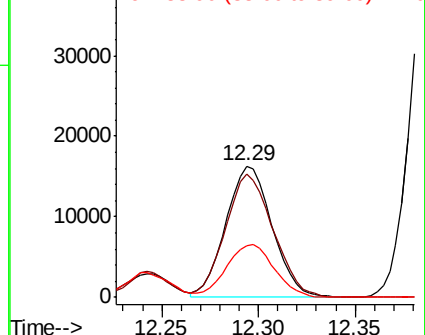
75 100

53 96.4 72.3 108.5

89 41.7 36.2 54.2



Abundance Ion 74.90 (74.60 to 75.60): VN0
Ion 53.00 (52.70 to 53.70): VN0
Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 20.400 ug/l

RT: 12.77 min Scan# 3419

Delta R.T. -0.00 min

Lab File: VN056934.D

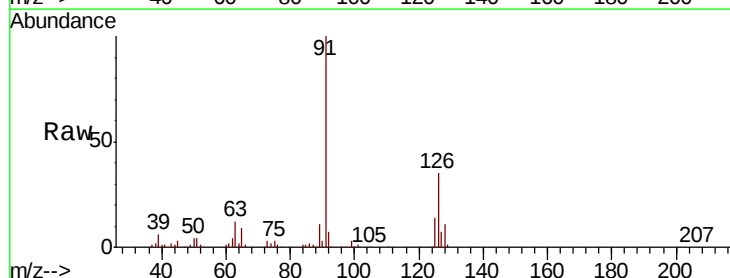
Acq: 25 Jul 2019 21:14

Tgt Ion: 91 Resp: 253314

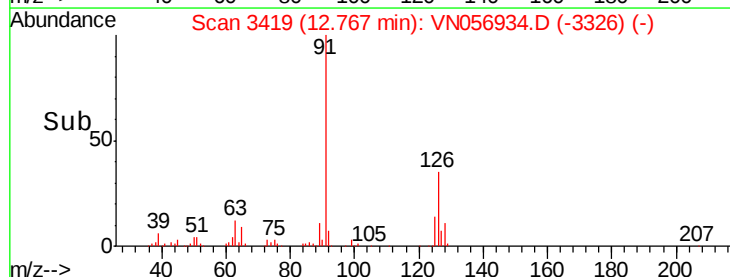
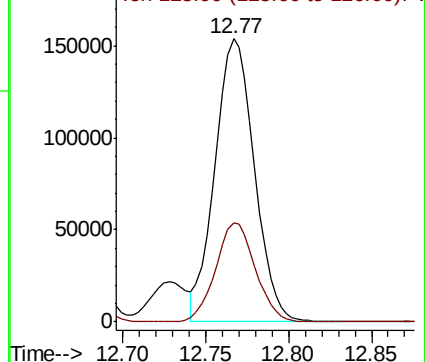
Ion Ratio Lower Upper

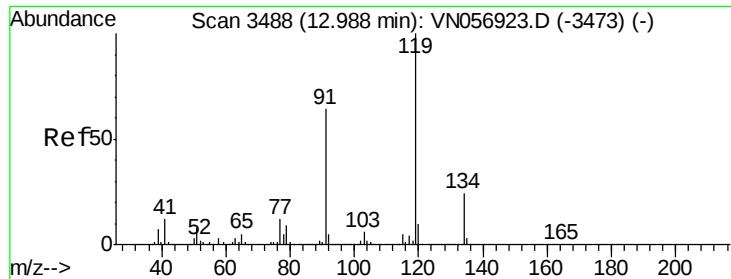
91 100

126 35.3 17.3 51.7



Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 125.90 (125.60 to 126.60): V

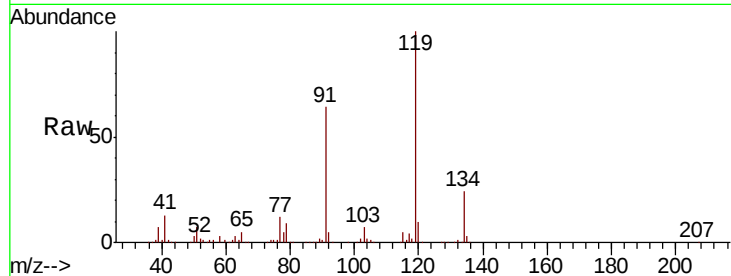




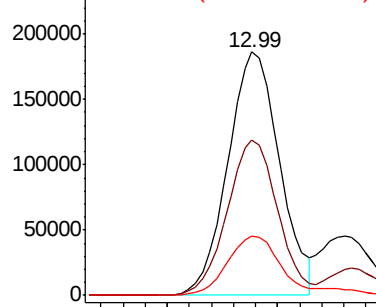
#83
 tert-Butylbenzene
 Concen: 21.720 ug/l
 RT: 12.99 min Scan# 3488
 Delta R.T. 0.00 min
 Lab File: VN056934.D
 Acq: 25 Jul 2019 21:14

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0726WBS01

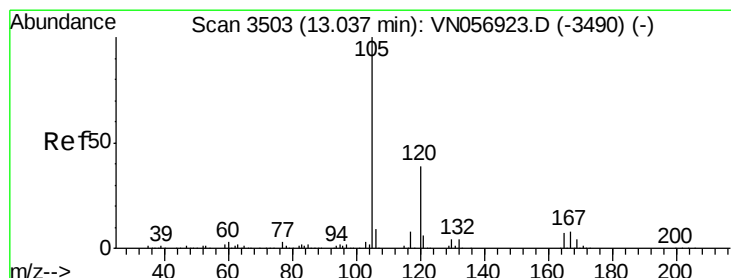
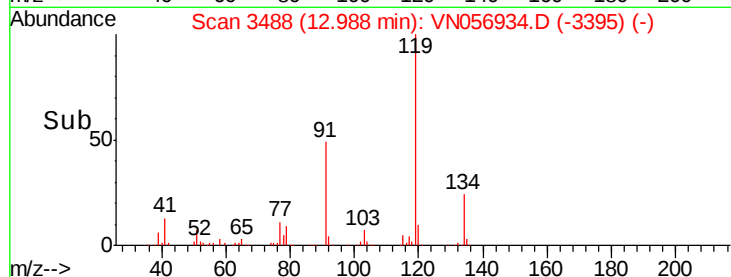
Tot Ion:119 Resp: 303300
 Ion Ratio Lower Upper
 119 100
 91 62.2 31.6 95.0
 134 24.4 13.2 39.5



Abundance Ion 119.00 (118.70 to 119.70): V
 250000 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

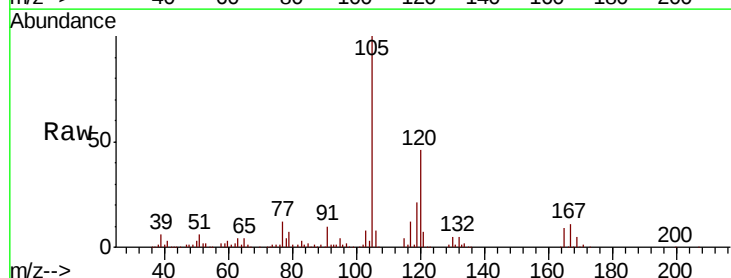


Time-->

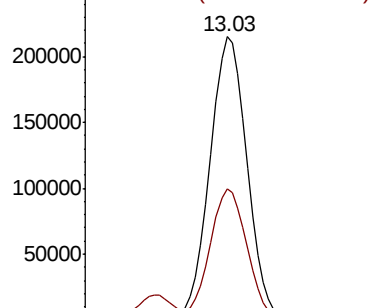


#84
 1,2,4-Trimethylbenzene
 Concen: 21.127 ug/l
 RT: 13.03 min Scan# 3502
 Delta R.T. -0.00 min
 Lab File: VN056934.D
 Acq: 25 Jul 2019 21:14

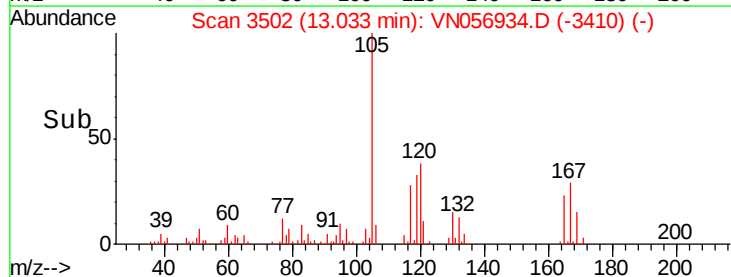
Tgt Ion:105 Resp: 339606
 Ion Ratio Lower Upper
 105 100
 120 46.2 23.1 69.2

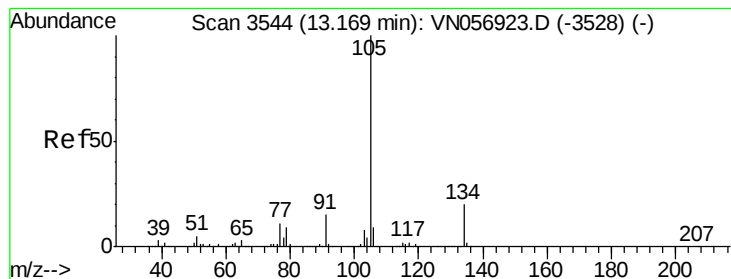


Abundance Ion 105.00 (104.70 to 105.70): V
 250000 Ion 120.00 (119.70 to 120.70): V



Time-->





#85

sec-Butylbenzene

Concen: 20.442 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. -0.00 min

Lab File: VN056934.D

Acq: 25 Jul 2019 21:14

Instrument :

MSVOA_N

ClientSampled :

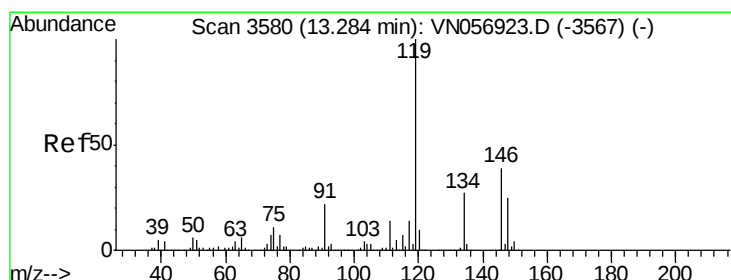
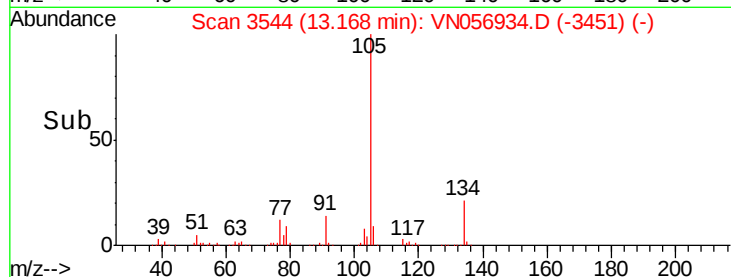
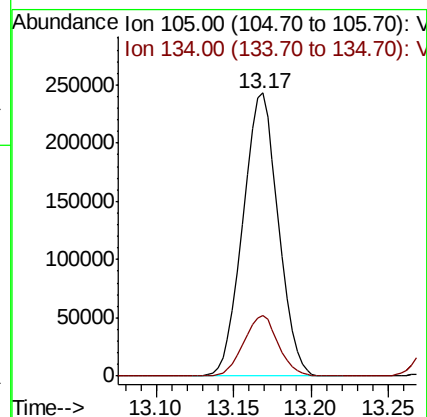
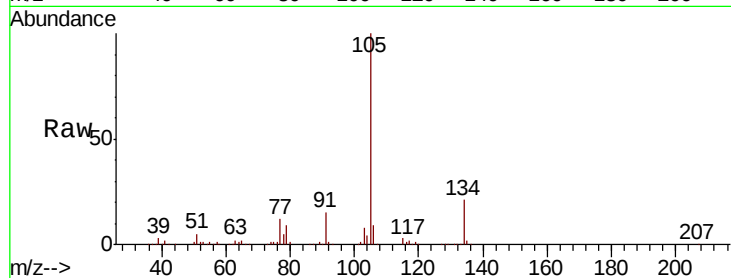
VN0726WBS01

Tot Ion:105 Resp: 386601

Ion Ratio Lower Upper

105 100

134 20.8 10.3 30.8



#86

p-Isopropyltoluene

Concen: 20.491 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN056934.D

Acq: 25 Jul 2019 21:14

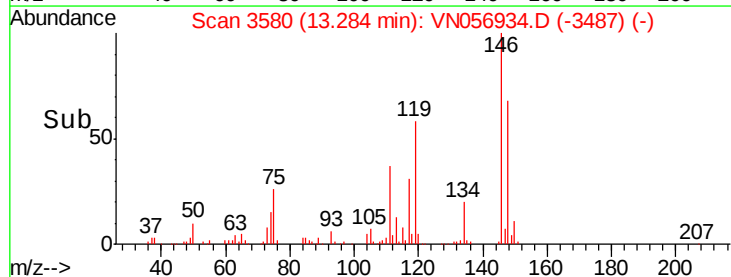
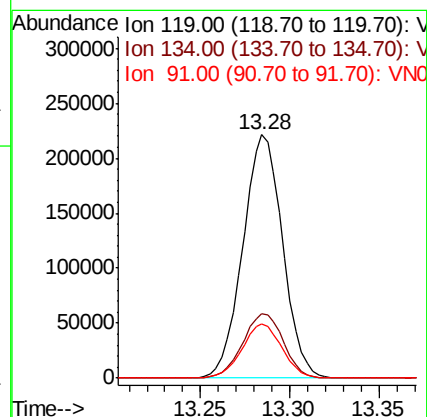
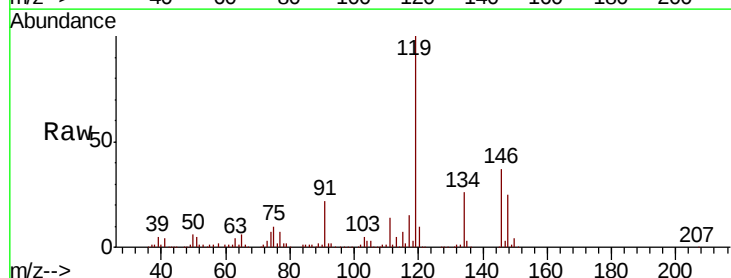
Tgt Ion:119 Resp: 342446

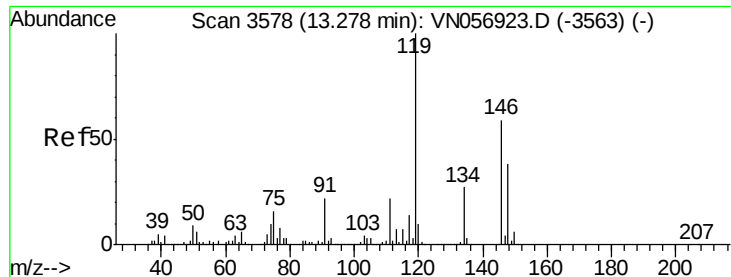
Ion Ratio Lower Upper

119 100

134 27.1 13.5 40.5

91 22.2 11.0 33.0

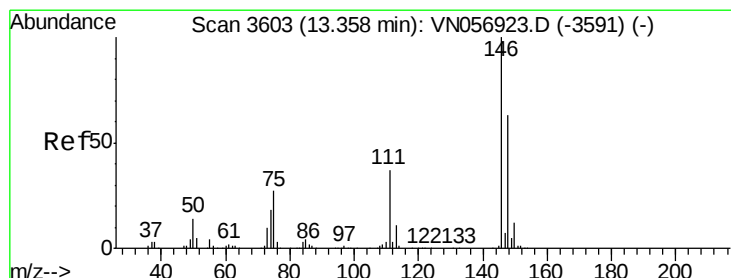
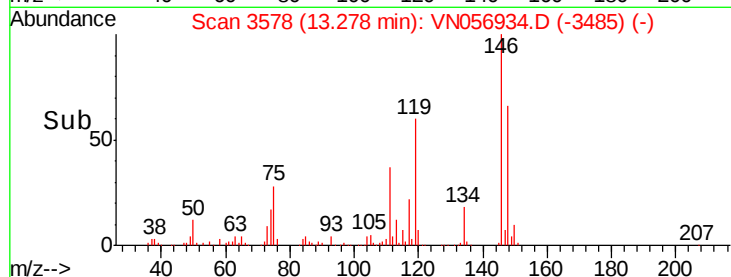
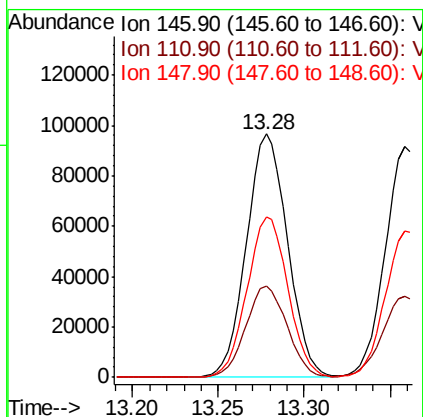
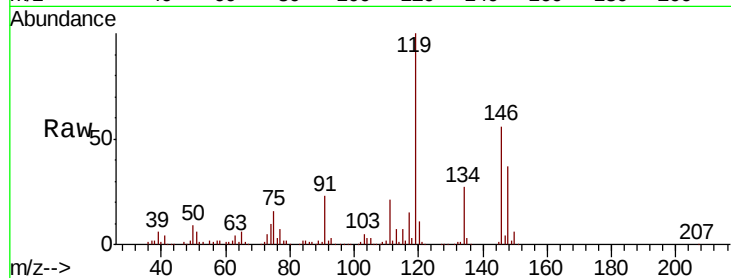




#87
 1,3-Dichlorobenzene
 Concen: 20.473 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. -0.00 min
 Lab File: VN056934.D
 Acq: 25 Jul 2019 21:14

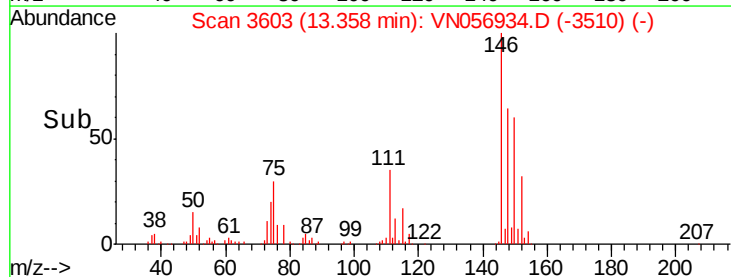
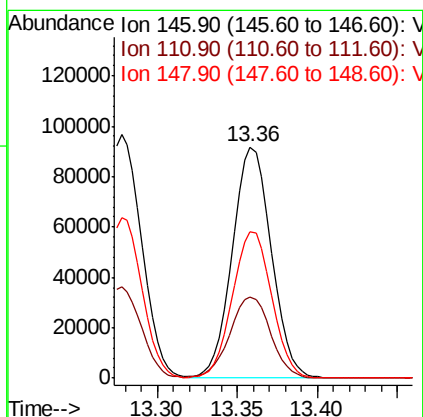
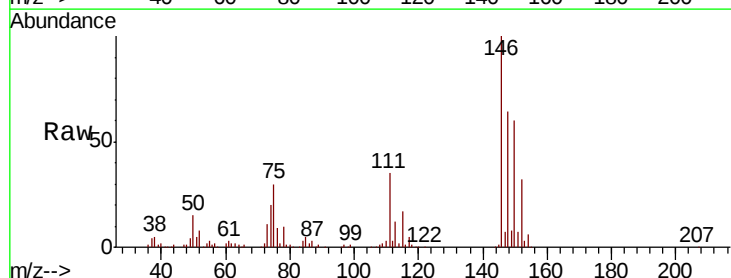
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0726WBS01

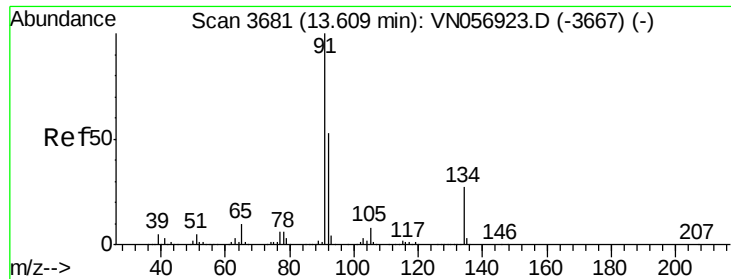
Tot Ion:146 Resp: 160900
 Ion Ratio Lower Upper
 146 100
 111 37.5 18.6 56.0
 148 65.4 31.6 94.7



#88
 1,4-Dichlorobenzene
 Concen: 20.237 ug/l
 RT: 13.36 min Scan# 3603
 Delta R.T. -0.00 min
 Lab File: VN056934.D
 Acq: 25 Jul 2019 21:14

Tgt Ion:146 Resp: 152296
 Ion Ratio Lower Upper
 146 100
 111 36.9 18.9 56.5
 148 63.9 32.1 96.3





#89

n-Butylbenzene

Concen: 19.670 ug/l

RT: 13.61 min Scan# 3681

Delta R.T. -0.00 min

Lab File: VN056934.D

Acq: 25 Jul 2019 21:14

Instrument :

MSVOA_N

ClientSampled :

VN0726WBS01

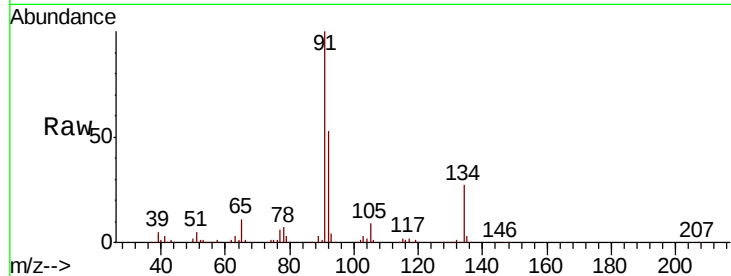
Tot Ion: 91 Resp: 253894

Ion Ratio Lower Upper

91 100

92 53.1 26.5 79.5

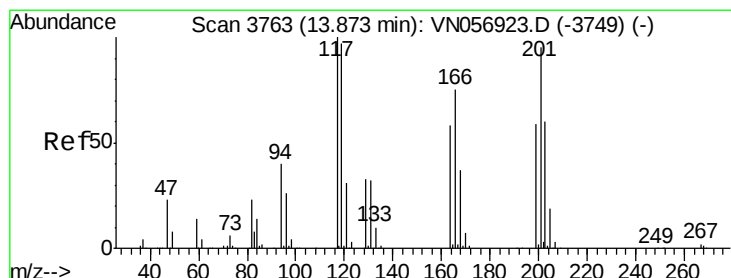
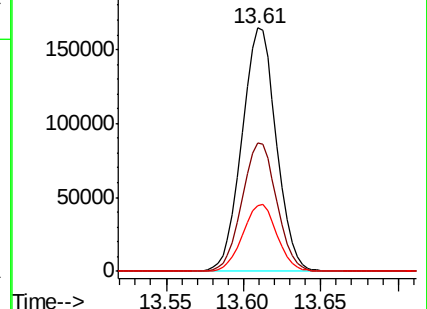
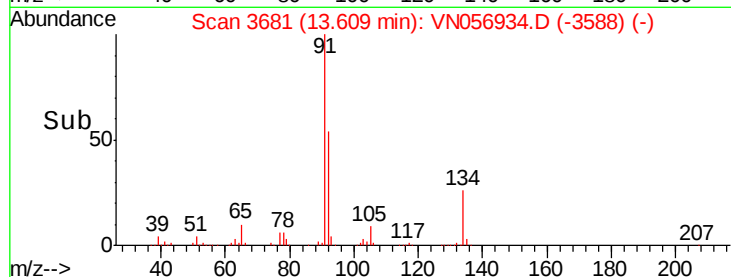
134 27.5 13.5 40.5



Abundance Ion 91.00 (90.70 to 91.70): VN056923.D (-3667) (-)

Ion 92.00 (91.70 to 92.70): VN056923.D (-3667) (-)

Ion 134.00 (133.70 to 134.70): VN056923.D (-3667) (-)



#90

Hexachloroethane

Concen: 20.132 ug/l

RT: 13.87 min Scan# 3762

Delta R.T. -0.00 min

Lab File: VN056934.D

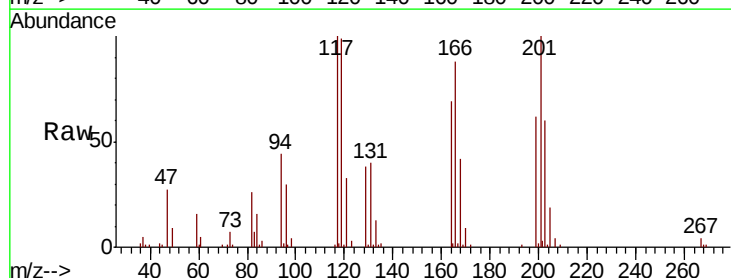
Acq: 25 Jul 2019 21:14

Tgt Ion: 117 Resp: 55006

Ion Ratio Lower Upper

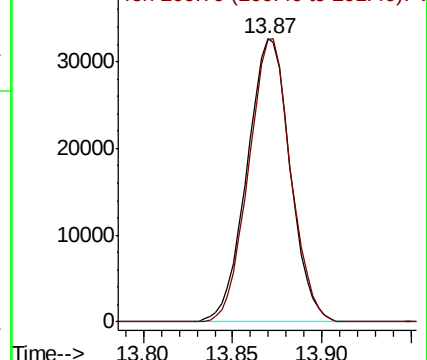
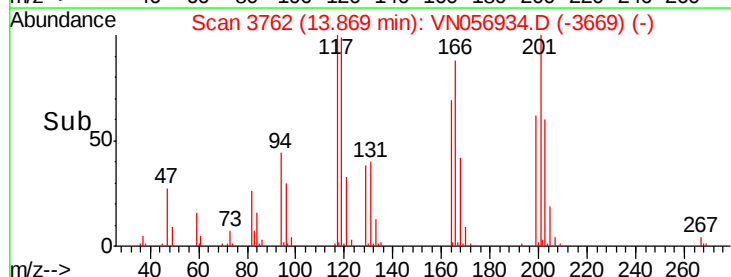
117 100

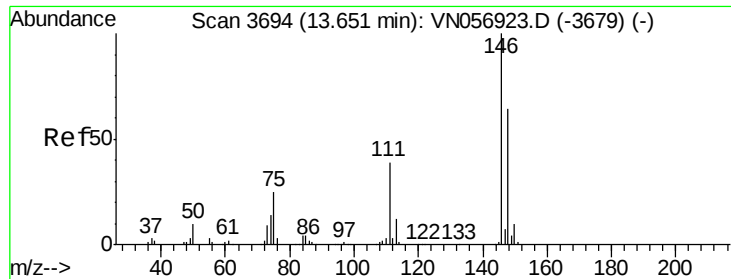
201 97.2 47.3 142.0



Abundance Ion 116.80 (116.50 to 117.50): VN056923.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN056923.D (-3749) (-)

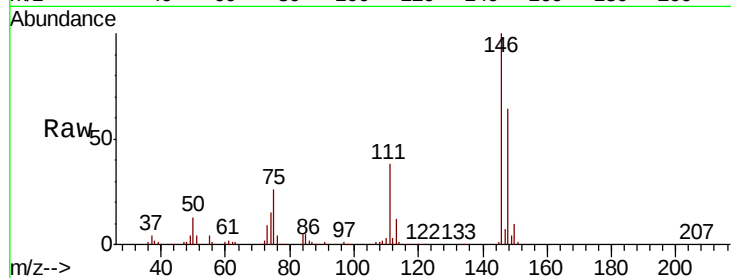




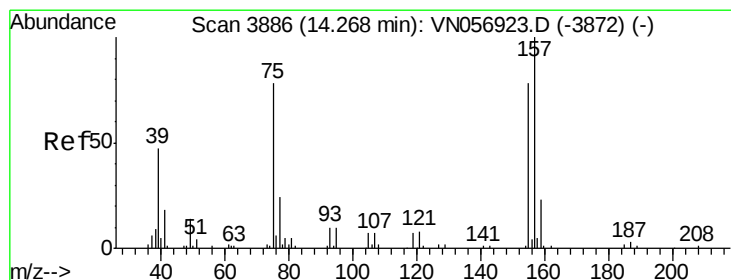
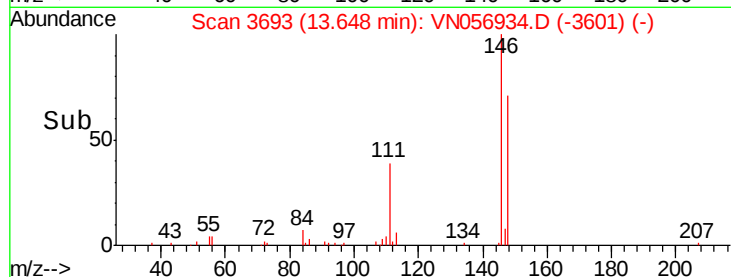
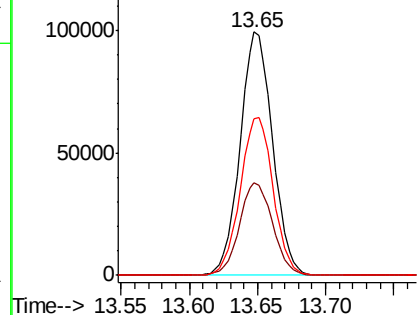
#91
 1,2-Dichlorobenzene
 Concen: 20.607 ug/l
 RT: 13.65 min Scan# 3693
 Delta R.T. -0.00 min
 Lab File: VN056934.D
 Acq: 25 Jul 2019 21:14

Instrument :
 MSVOA_N
 ClientSampled :
 VN0726WBS01

Tot Ion:146 Resp: 164043
 Ion Ratio Lower Upper
 146 100
 111 38.8 19.6 58.8
 148 65.7 32.2 96.6

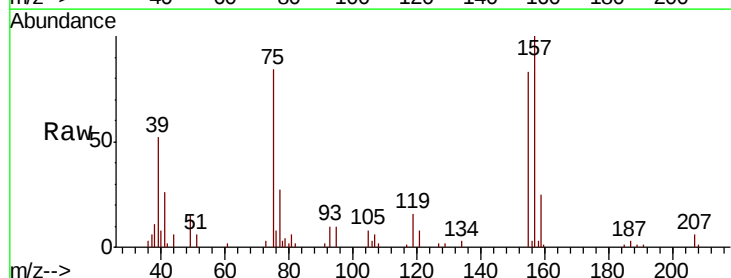


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

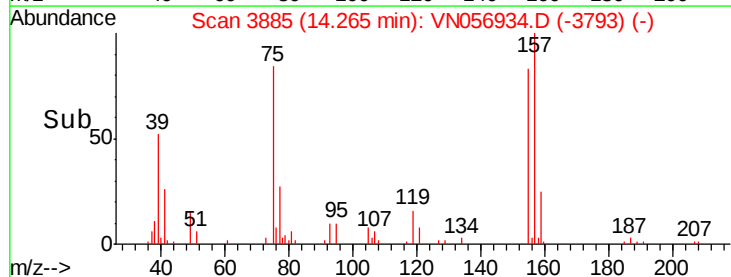
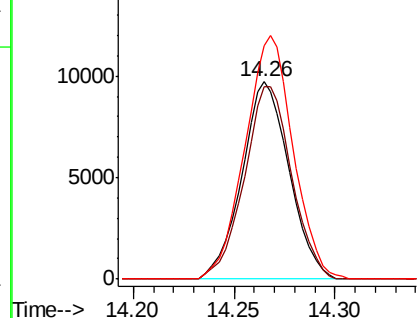


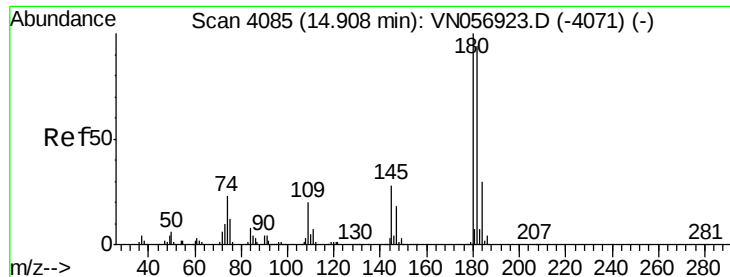
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.730 ug/l
 RT: 14.26 min Scan# 3885
 Delta R.T. -0.00 min
 Lab File: VN056934.D
 Acq: 25 Jul 2019 21:14

Tgt Ion: 75 Resp: 15948
 Ion Ratio Lower Upper
 75 100
 155 97.5 47.3 141.9
 157 125.4 63.0 189.0



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

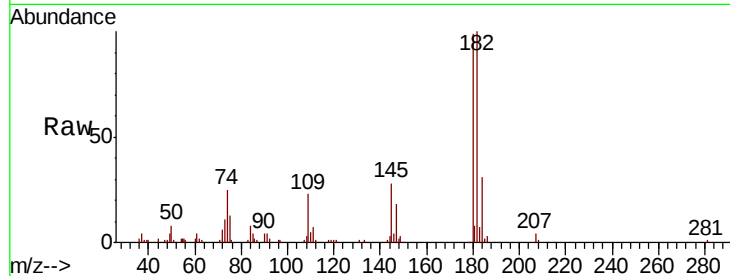




#93
 1,2,4-Trichlorobenzene
 Concen: 17.507 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. -0.00 min
 Lab File: VN056934.D
 Acq: 25 Jul 2019 21:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0726WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.0	47.9	143.8
145	27.4	14.1	42.4

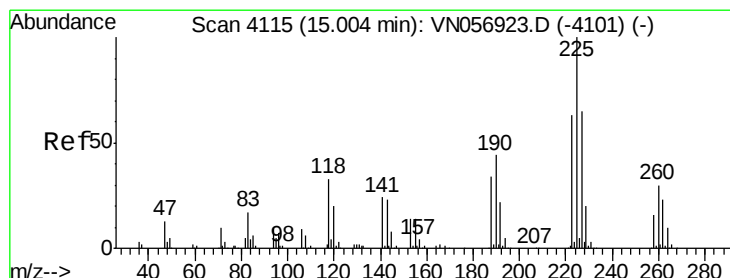
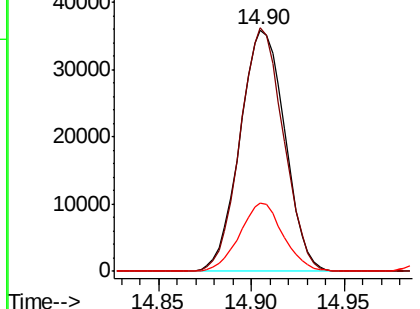
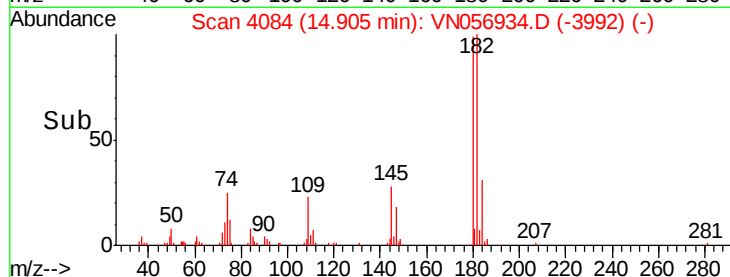


Abundance

Ion 179.80 (179.50 to 180.50): V

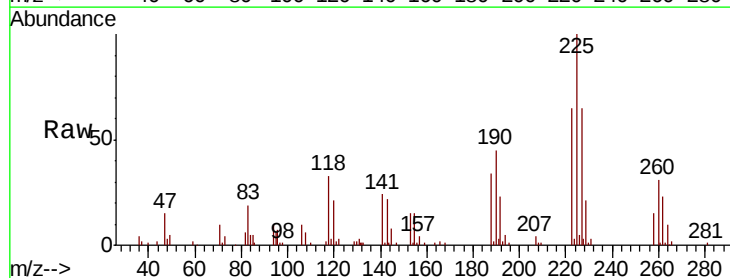
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 20.825 ug/l
 RT: 15.00 min Scan# 4114
 Delta R.T. -0.00 min
 Lab File: VN056934.D
 Acq: 25 Jul 2019 21:14

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	31.3	93.9
227	63.2	31.9	95.7

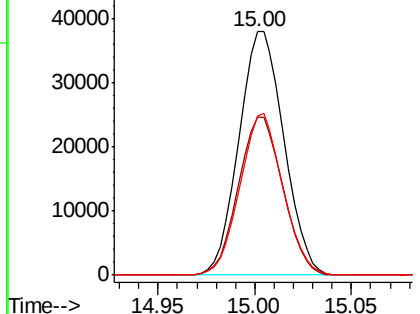
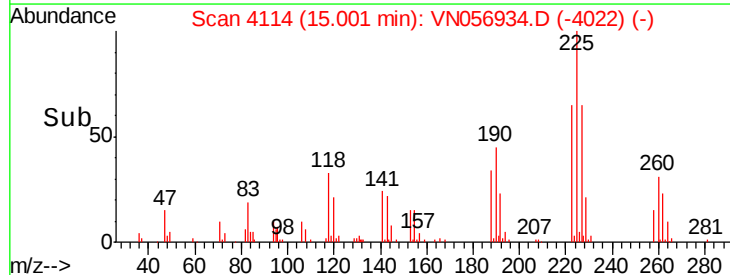


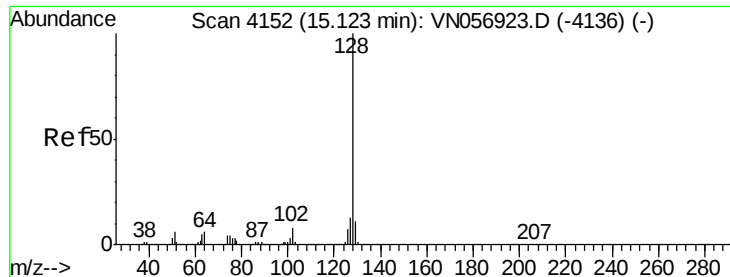
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

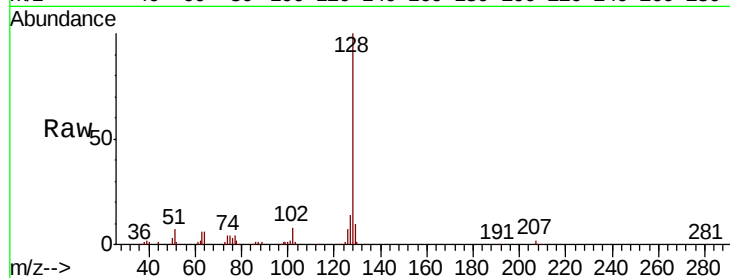




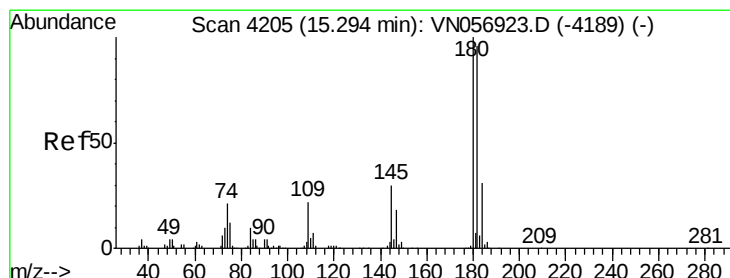
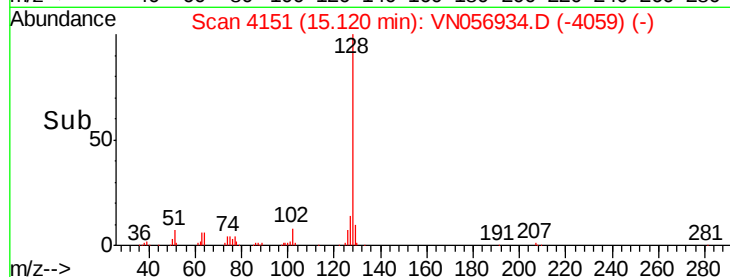
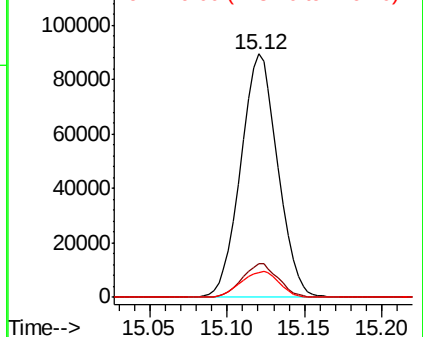
#95
Naphthalene
Concen: 17.362 ug/l
RT: 15.12 min Scan# 4151
Delta R.T. -0.00 min
Lab File: VN056934.D
Acq: 25 Jul 2019 21:14

Instrument :
MSVOA_N
ClientSampleId :
VN0726WBS01

Tot Ion:128 Resp: 148964
Ion Ratio Lower Upper
128 100
127 13.5 10.2 15.2
129 11.1 8.6 13.0

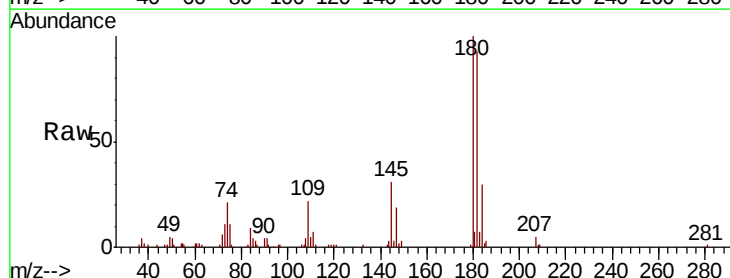


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 18.199 ug/l
RT: 15.29 min Scan# 4204
Delta R.T. -0.00 min
Lab File: VN056934.D
Acq: 25 Jul 2019 21:14

Tgt Ion:180 Resp: 69664
Ion Ratio Lower Upper
180 100
182 96.1 48.4 145.3
145 29.9 15.1 45.3



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

