

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072719\
 Data File : VN056953.D
 Acq On : 26 Jul 2019 20:06
 Operator : JC/SP
 Sample : VN0727WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727WBSD01

Quant Time: Jul 27 00:56:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:47:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	567495	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	864763	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	758900	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	290544	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	293905	50.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.18%	
35) Dibromofluoromethane	7.58	113	269469	48.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.36%	
50) Toluene-d8	10.08	98	1031040	48.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.68%	
62) 4-Bromofluorobenzene	12.40	95	322137	46.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	120260	20.962	ug/l	100
3) Chloromethane	2.05	50	149582	21.774	ug/l	100
4) Vinyl Chloride	2.18	62	133478	20.721	ug/l	99
5) Bromomethane	2.55	94	83540	20.861	ug/l	98
6) Chloroethane	2.69	64	73033	20.567	ug/l	97
7) Trichlorofluoromethane	3.00	101	172120	20.412	ug/l	96
8) Diethyl Ether	3.40	74	65734	20.830	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.74	101	101485	19.412	ug/l	99
10) Methyl Iodide	3.94	142	121632	17.412	ug/l	100
11) Tert butyl alcohol	4.77	59	82522	105.096	ug/l	99
12) 1,1-Dichloroethene	3.72	96	101231	20.294	ug/l	99
13) Acrolein	3.60	56	31864	77.376	ug/l	94
14) Allyl chloride	4.31	41	163790	20.186	ug/l	100
15) Acrylonitrile	4.97	53	247623	107.538	ug/l	99
16) Acetone	3.80	43	184262	87.556	ug/l	99
17) Carbon Disulfide	4.04	76	258530	19.504	ug/l	99
18) Methyl Acetate	4.31	43	134628	20.053	ug/l	99
19) Methyl tert-butyl Ether	5.02	73	310819	20.897	ug/l	100
20) Methylene Chloride	4.53	84	119216	19.666	ug/l	99
21) trans-1,2-Dichloroethene	5.02	96	110020	20.767	ug/l	98
22) Diisopropyl ether	5.93	45	353691	21.156	ug/l	97
23) Vinyl Acetate	5.88	43	1215285	104.915	ug/l	100
24) 1,1-Dichloroethane	5.83	63	200587	20.335	ug/l	99
25) 2-Butanone	6.82	43	302874	101.492	ug/l	97
26) 2,2-Dichloropropane	6.81	77	134621	17.949	ug/l	100
27) cis-1,2-Dichloroethene	6.81	96	128281	20.473	ug/l	99
28) Bromochloromethane	7.18	49	100636	21.705	ug/l	99
29) Tetrahydrofuran	7.20	42	206308	105.960	ug/l	99
30) Chloroform	7.36	83	203037	20.132	ug/l	99
31) Cyclohexane	7.64	56	185467	19.430	ug/l	95
32) 1,1,1-Trichloroethane	7.56	97	166647	20.709	ug/l	98
36) 1,1-Dichloropropene	7.78	75	148466	19.511	ug/l	100
37) Ethyl Acetate	6.91	43	129365	21.227	ug/l	99
38) Carbon Tetrachloride	7.76	117	140691	19.547	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	179475	18.454	ug/l	99
40) Benzene	8.03	78	470505	20.075	ug/l	99
41) Methacrylonitrile	7.16	41	57576	20.436	ug/l	92
42) 1,2-Dichloroethane	8.11	62	146771	19.981	ug/l	99
43) Isopropyl Acetate	8.15	43	203960	20.248	ug/l	98
44) Trichloroethene	8.82	130	126400	19.576	ug/l	97
45) 1,2-Dichloropropane	9.11	63	126642	20.202	ug/l	100
46) Dibromomethane	9.20	93	77075	20.387	ug/l	100
47) Bromodichloromethane	9.39	83	149639	20.132	ug/l	98
48) Methyl methacrylate	9.19	41	100036	20.570	ug/l	99
49) 1,4-Dioxane	9.19	88	42545	424.515	ug/l	96
51) 4-Methyl-2-Pentanone	9.98	43	620354	103.652	ug/l	100
52) Toluene	10.15	92	287097	20.389	ug/l	98
53) t-1,3-Dichloropropene	10.37	75	150575	19.521	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	176719	19.705	ug/l	98
55) 1,1,2-Trichloroethane	10.55	97	113826	20.157	ug/l	99
56) Ethyl methacrylate	10.42	69	157116	19.535	ug/l	100
57) 1,3-Dichloropropane	10.70	76	186149	19.879	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.69	63	328521	97.082	ug/l	100
59) 2-Hexanone	10.74	43	421069	92.944	ug/l	100
60) Dibromochloromethane	10.89	129	116852	20.198	ug/l	99
61) 1,2-Dibromoethane	11.00	107	113810	20.652	ug/l	100
64) Tetrachloroethene	10.62	164	124403	19.022	ug/l	95
65) Chlorobenzene	11.43	112	303450	19.619	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	116401	19.994	ug/l	99
67) Ethyl Benzene	11.50	91	524734	19.629	ug/l	98
68) m/p-Xylenes	11.61	106	392906	39.825	ug/l	100
69) o-Xylene	11.94	106	192138	19.906	ug/l	98
70) Styrene	11.96	104	309385	19.324	ug/l	99
71) Bromoform	12.12	173	80511	19.808	ug/l #	99
73) Isopropylbenzene	12.24	105	510693	20.338	ug/l	100
74) N-amyl acetate	12.06	43	146365	20.075	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	150231	22.253	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	171056	28.990	ug/l #	100
77) Bromobenzene	12.52	156	131473	20.061	ug/l	100
78) n-propylbenzene	12.59	91	542467	20.233	ug/l	99
79) 2-Chlorotoluene	12.67	91	329777	19.976	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	418630	20.313	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	34707	18.899	ug/l	94
82) 4-Chlorotoluene	12.77	91	311488	20.162	ug/l	99
83) tert-Butylbenzene	12.99	119	365756	20.048	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	413214	20.838	ug/l	99
85) sec-Butylbenzene	13.17	105	467209	19.854	ug/l	100
86) p-Isopropyltoluene	13.28	119	416540	19.937	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	198738	19.936	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	184687	19.245	ug/l	98
89) n-Butylbenzene	13.61	91	309710	19.235	ug/l	99
90) Hexachloroethane	13.87	117	70251	19.528	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	203247	20.716	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	21420	21.448	ug/l	95

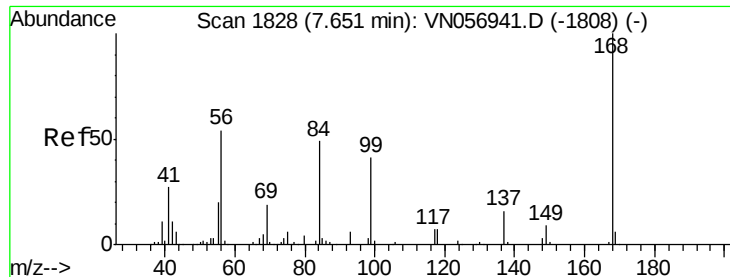
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Quant Title : SW846 8260
QLast Update : Sat Jul 27 00:47:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	84631	18.526	ug/l	98
94) Hexachlorobutadiene	15.00	225	74811	19.825	ug/l	99
95) Naphthalene	15.12	128	197171	18.414	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	92840	19.457	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN056953.D

Acq: 26 Jul 2019 20:06

Instrument :

MSVOA_N

ClientSampleId :

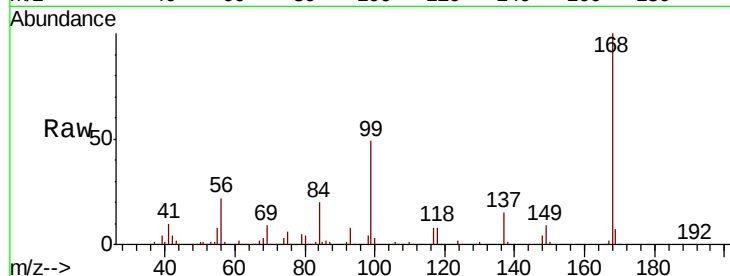
VN0727WBSD01

Tot Ion:168 Resp: 567495

Ion Ratio Lower Upper

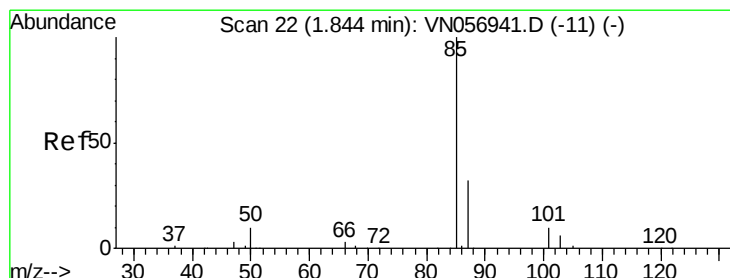
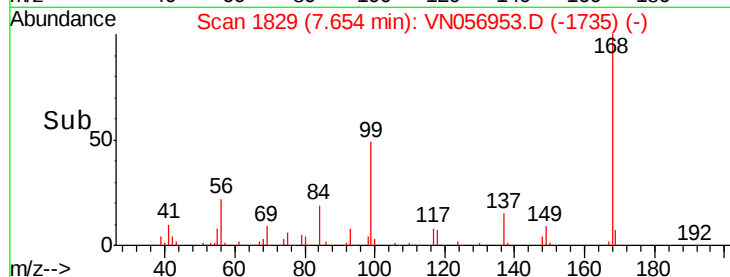
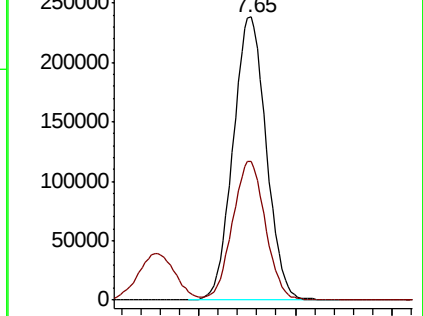
168 100

99 49.0 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#2

Dichlorodifluoromethane

Concen: 20.962 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN056953.D

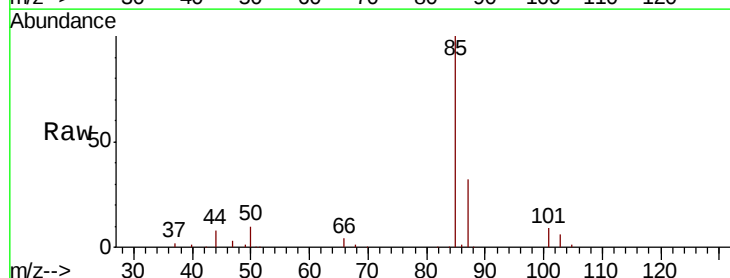
Acq: 26 Jul 2019 20:06

Tgt Ion: 85 Resp: 120260

Ion Ratio Lower Upper

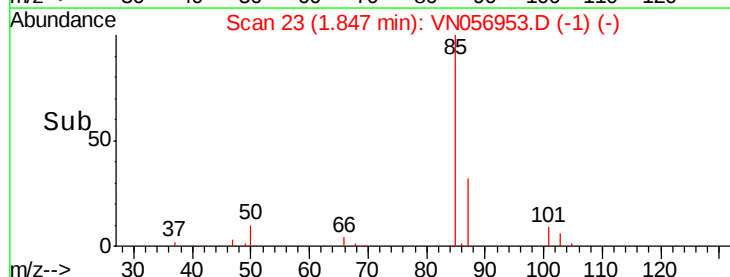
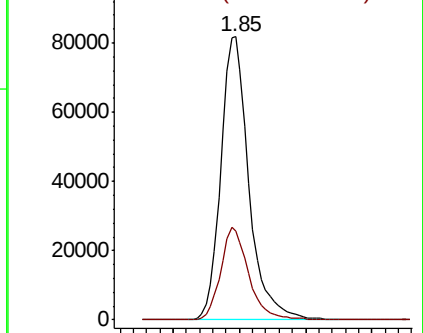
85 100

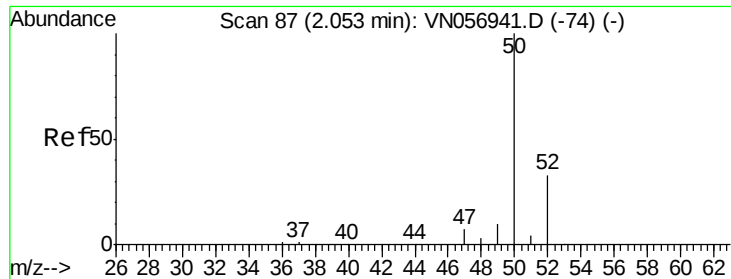
87 31.5 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0





#3

Chloromethane

Concen: 21.774 ug/l

RT: 2.05 min Scan# 87

Delta R.T. -0.00 min

Lab File: VN056953.D

Acq: 26 Jul 2019 20:06

Instrument :

MSVOA_N

ClientSampleId :

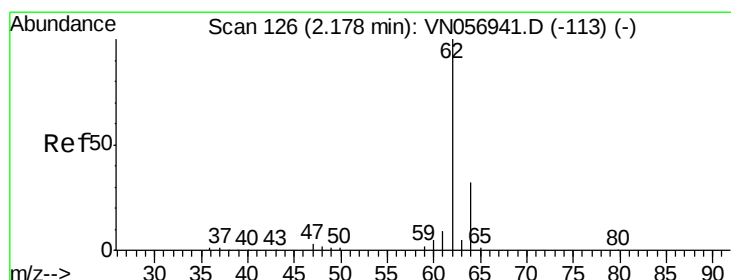
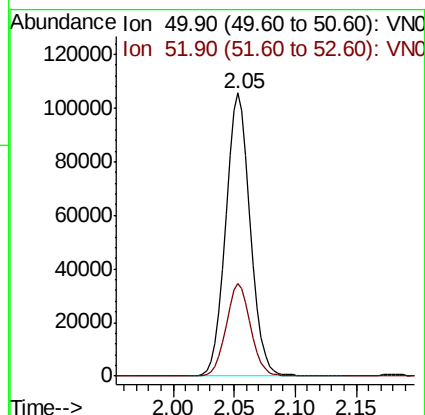
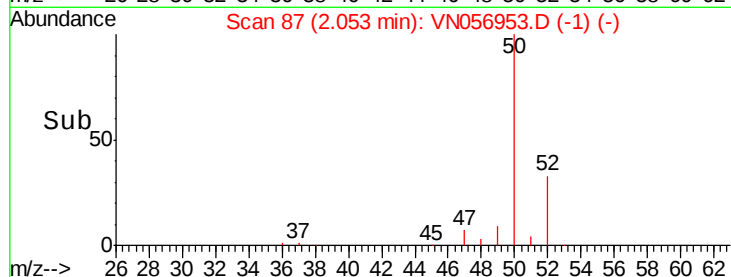
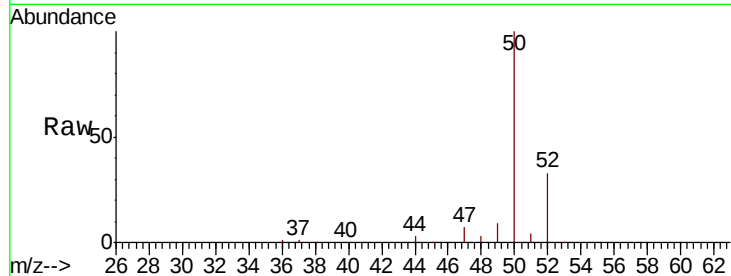
VN0727WBSD01

Tot Ion: 50 Resp: 149582

Ion Ratio Lower Upper

50 100

52 32.6 26.2 39.2



#4

Vinyl Chloride

Concen: 20.721 ug/l

RT: 2.18 min Scan# 126

Delta R.T. -0.00 min

Lab File: VN056953.D

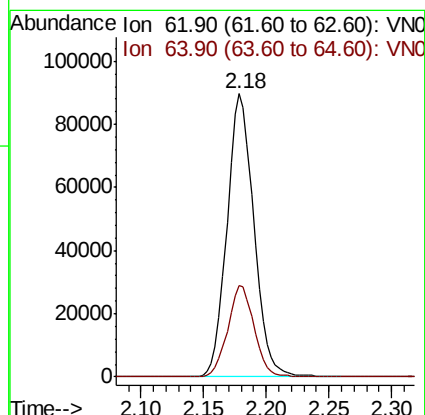
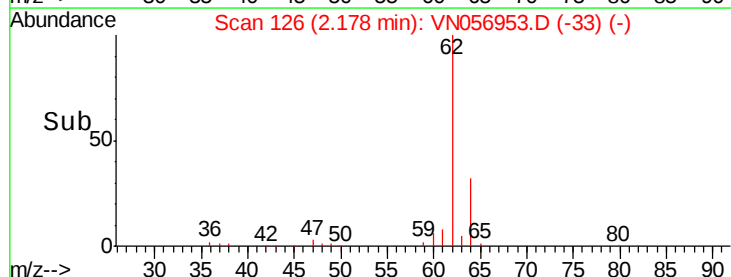
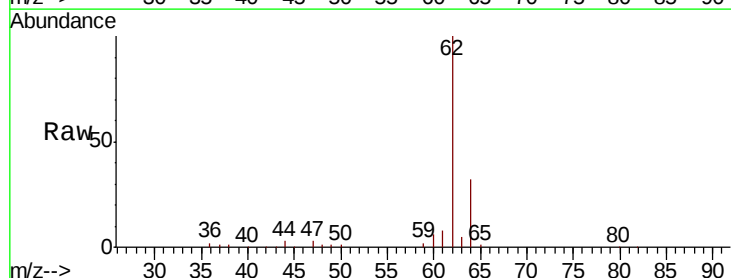
Acq: 26 Jul 2019 20:06

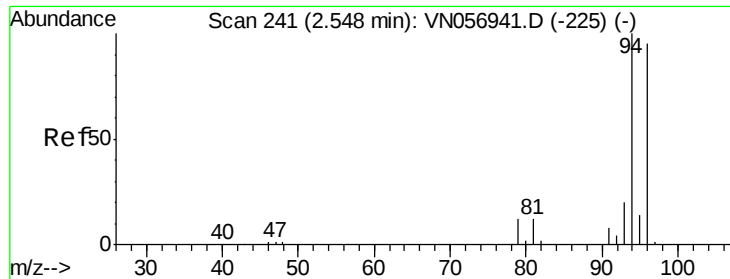
Tgt Ion: 62 Resp: 133478

Ion Ratio Lower Upper

62 100

64 32.5 25.4 38.0

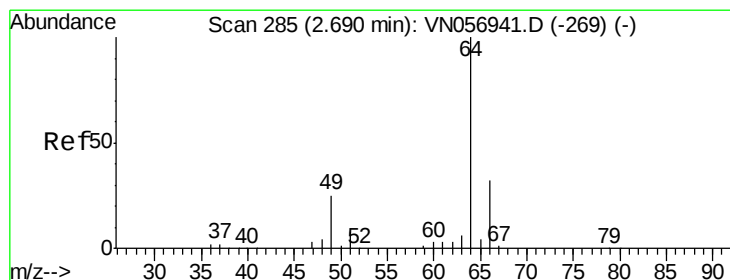
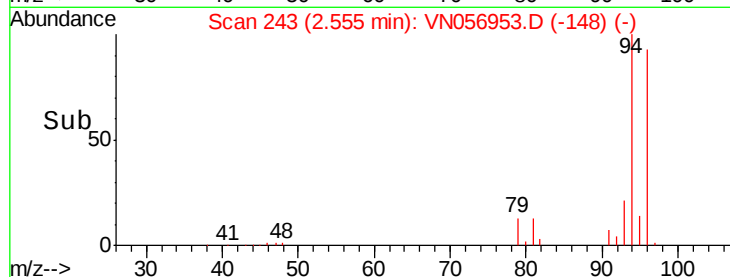
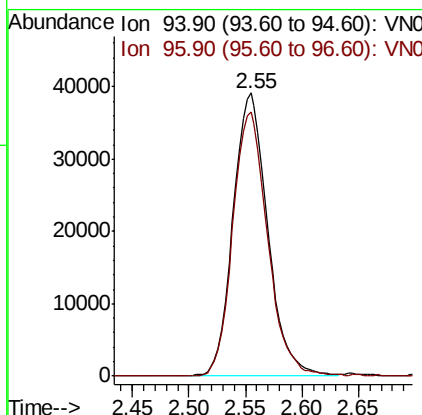
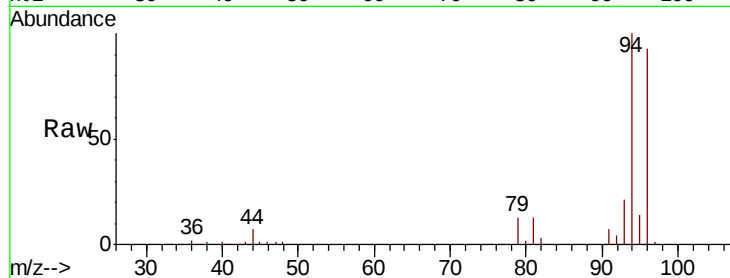




#5
Bromomethane
Concen: 20.861 ug/l
RT: 2.55 min Scan# 243
Delta R.T. 0.01 min
Lab File: VN056953.D
Acq: 26 Jul 2019 20:06

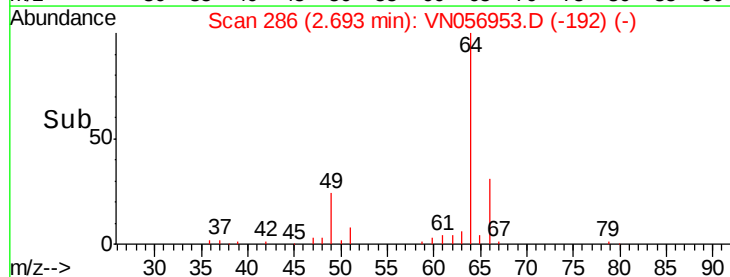
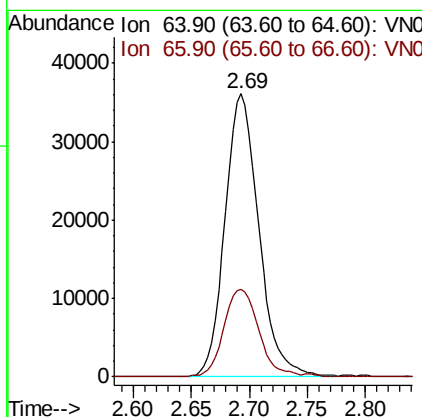
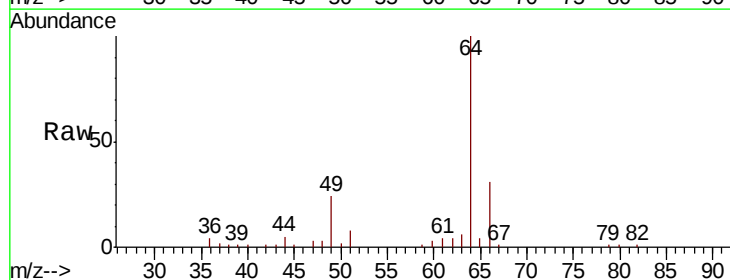
Instrument :
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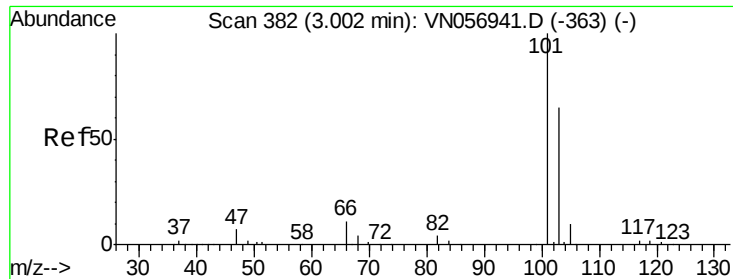
Tot Ion: 94 Resp: 83540
Ion Ratio Lower Upper
94 100
96 93.4 76.2 114.2



#6
Chloroethane
Concen: 20.567 ug/l
RT: 2.69 min Scan# 286
Delta R.T. 0.00 min
Lab File: VN056953.D
Acq: 26 Jul 2019 20:06

Tgt Ion: 64 Resp: 73033
Ion Ratio Lower Upper
64 100
66 30.7 25.8 38.8



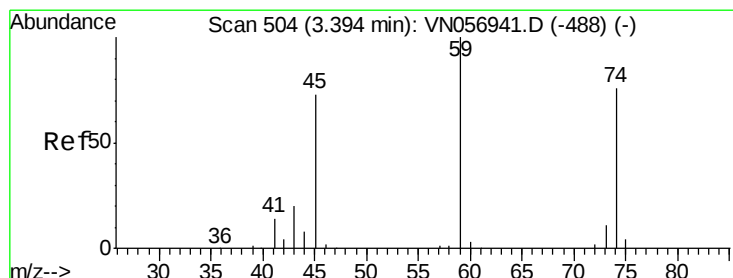
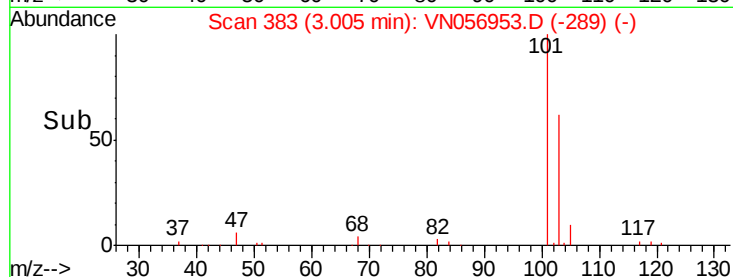
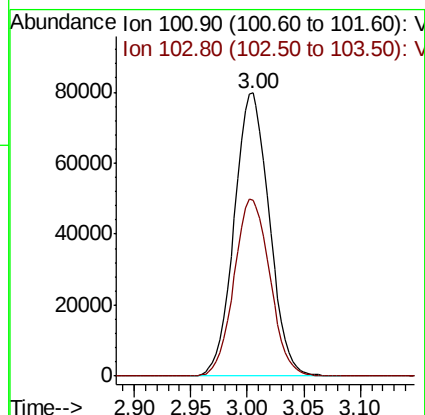
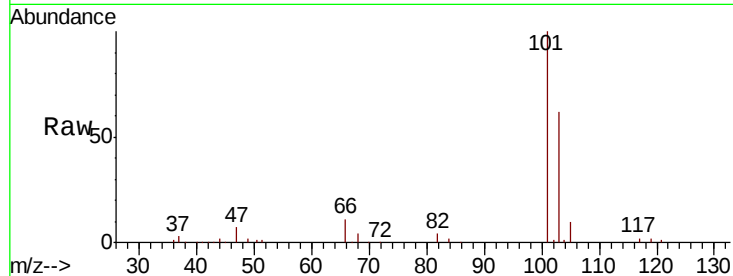


#7

Trichlorofluoromethane
 Concen: 20.412 ug/l
 RT: 3.00 min Scan# 383
 Delta R.T. 0.00 min
 Lab File: VN056953.D
 Acq: 26 Jul 2019 20:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727WBSD01

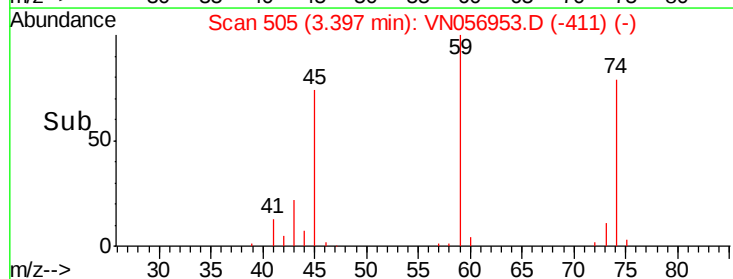
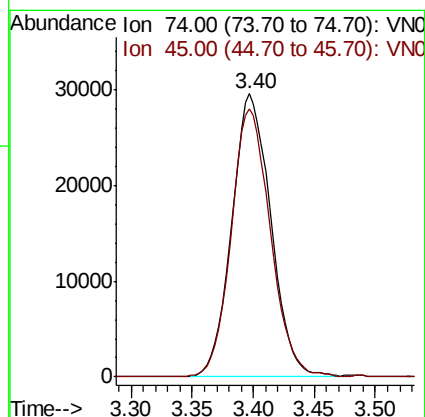
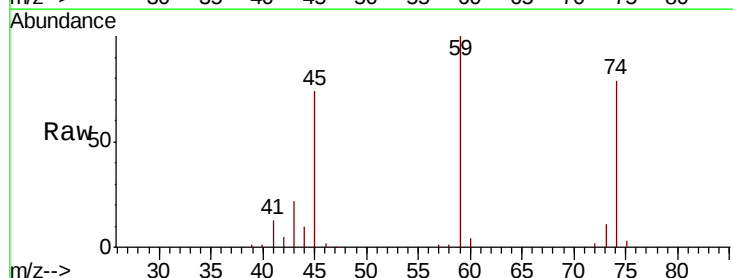
Tot Ion:101 Resp: 172120
 Ion Ratio Lower Upper
 101 100
 103 62.3 52.1 78.1

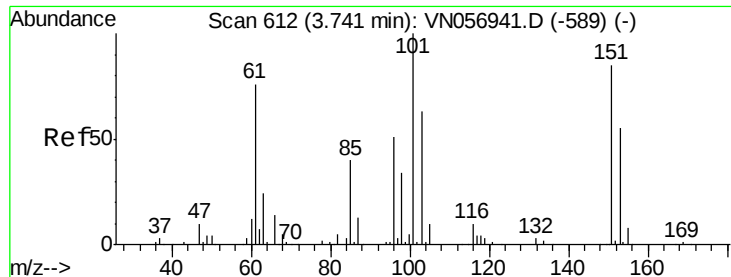


#8

Diethyl Ether
 Concen: 20.830 ug/l
 RT: 3.40 min Scan# 505
 Delta R.T. 0.00 min
 Lab File: VN056953.D
 Acq: 26 Jul 2019 20:06

Tgt Ion: 74 Resp: 65734
 Ion Ratio Lower Upper
 74 100
 45 95.1 48.1 144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.412 ug/l

RT: 3.74 min Scan# 613

Delta R.T. 0.00 min

Lab File: VN056953.D

Acq: 26 Jul 2019 20:06

Instrument :

MSVOA_N

ClientSampleId :

VN0727WBSD01

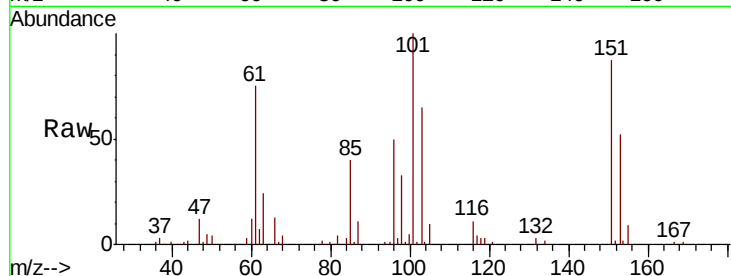
Tot Ion:101 Resp: 101485

Ion Ratio Lower Upper

101 100

85 41.3 32.3 48.5

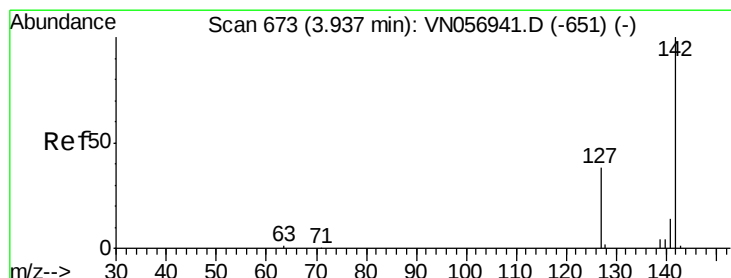
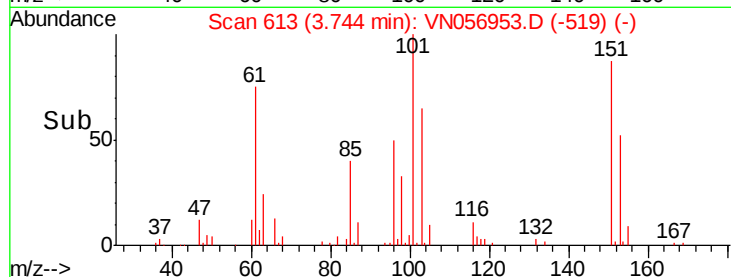
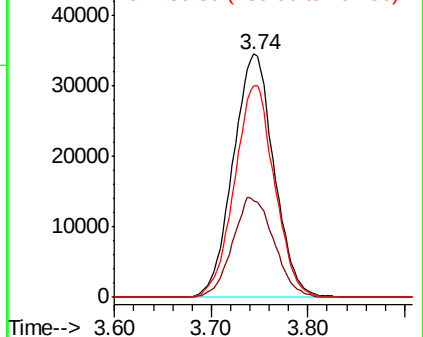
151 85.2 68.0 102.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.412 ug/l

RT: 3.94 min Scan# 674

Delta R.T. 0.00 min

Lab File: VN056953.D

Acq: 26 Jul 2019 20:06

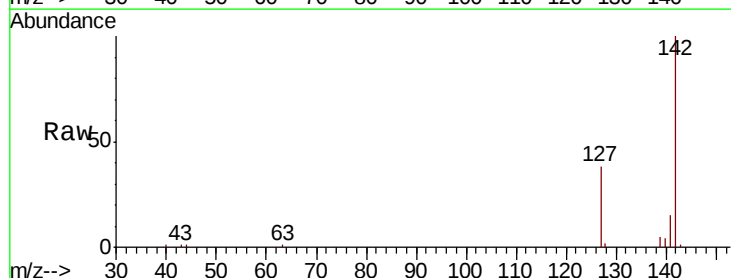
Tgt Ion:142 Resp: 121632

Ion Ratio Lower Upper

142 100

127 38.1 30.4 45.6

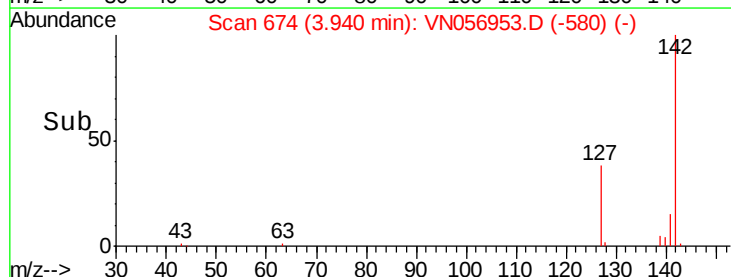
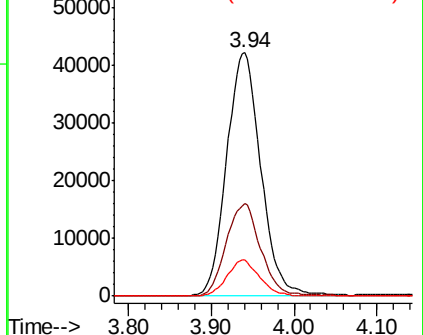
141 14.1 11.1 16.7

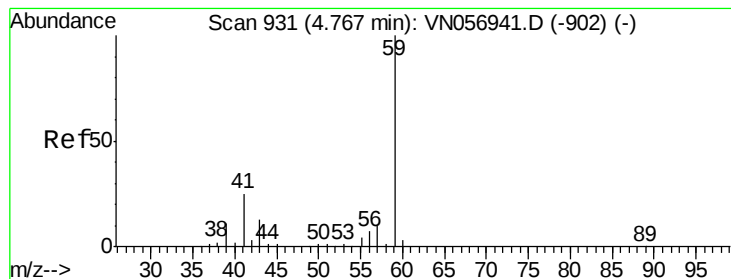


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



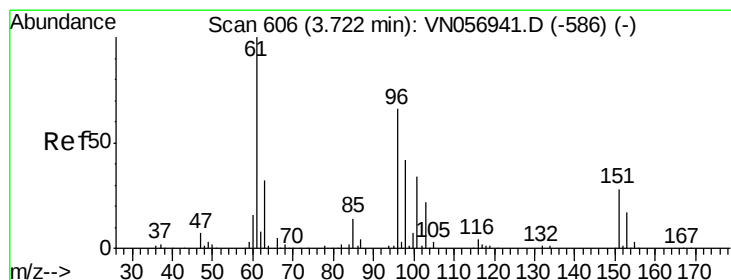
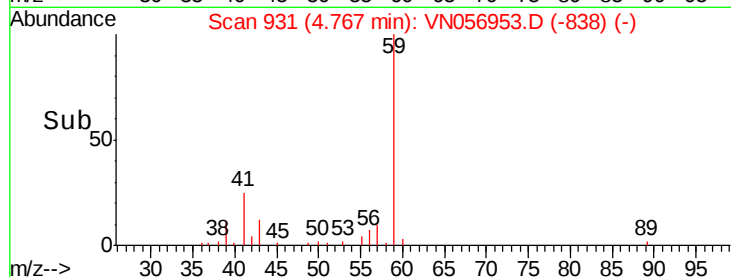
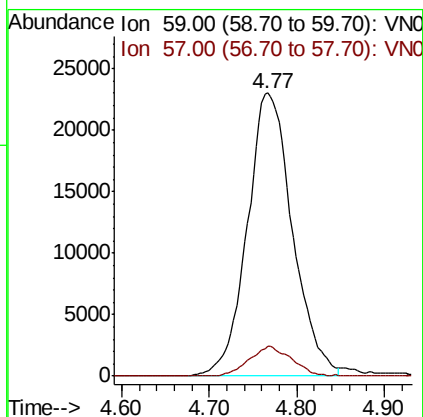
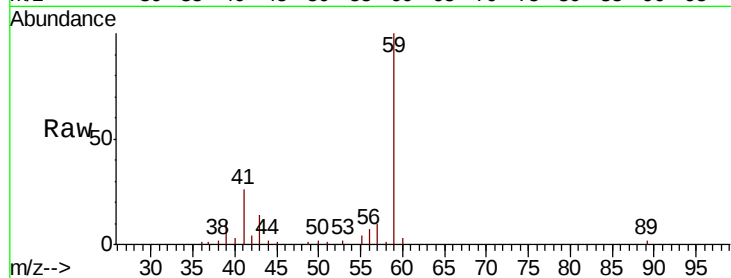


#11

Tert butyl alcohol
 Concen: 105.096 ug/l
 RT: 4.77 min Scan# 931
 Delta R.T. -0.00 min
 Lab File: VN056953.D
 Acq: 26 Jul 2019 20:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727WBSD01

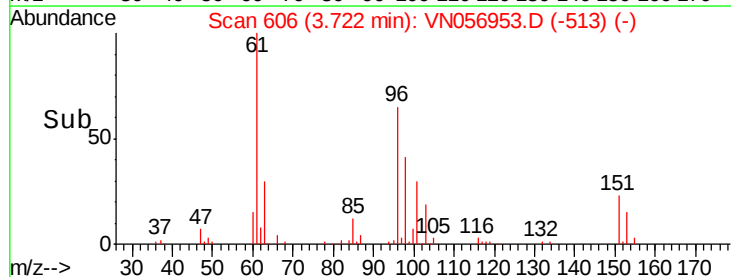
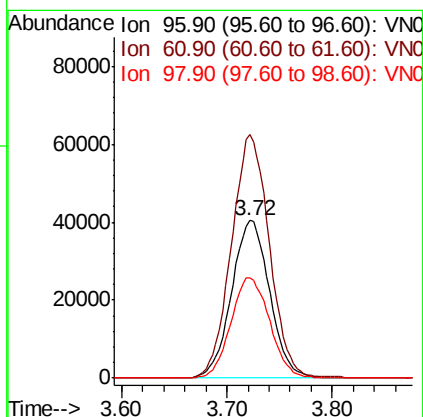
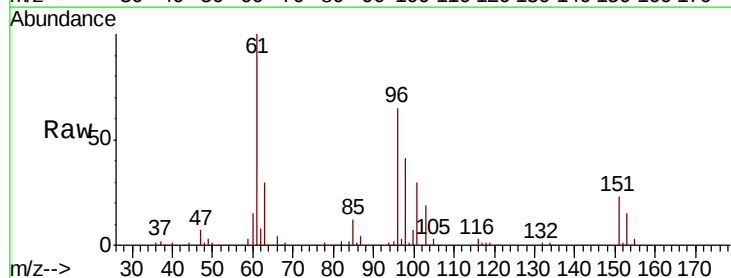
Tot Ion: 59 Resp: 82522
 Ion Ratio Lower Upper
 59 100
 57 9.9 7.5 11.3

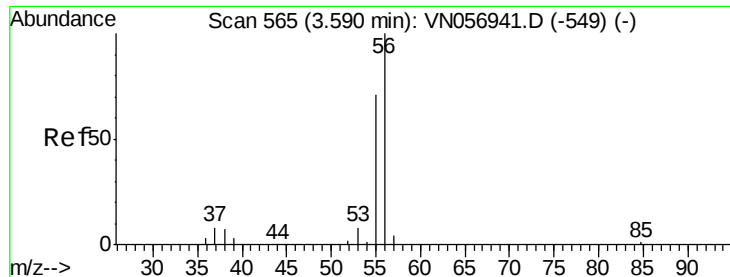


#12

1,1-Dichloroethene
 Concen: 20.294 ug/l
 RT: 3.72 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: VN056953.D
 Acq: 26 Jul 2019 20:06

Tgt Ion: 96 Resp: 101231
 Ion Ratio Lower Upper
 96 100
 61 154.4 121.8 182.8
 98 63.9 51.7 77.5





#13

Acrolein

Concen: 77.376 ug/l

RT: 3.60 min Scan# 568

Delta R.T. 0.01 min

Lab File: VN056953.D

Acq: 26 Jul 2019 20:06

Instrument :

MSVOA_N

ClientSampleId :

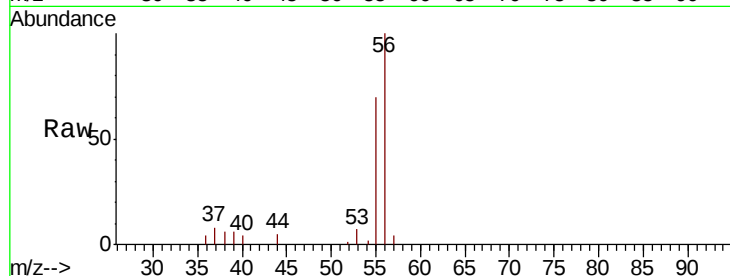
VN0727WBSD01

Tot Ion: 56 Resp: 31864

Ion Ratio Lower Upper

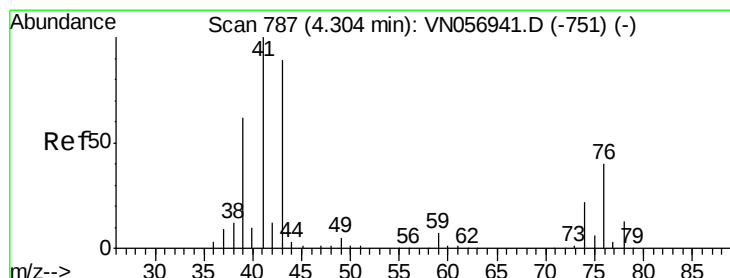
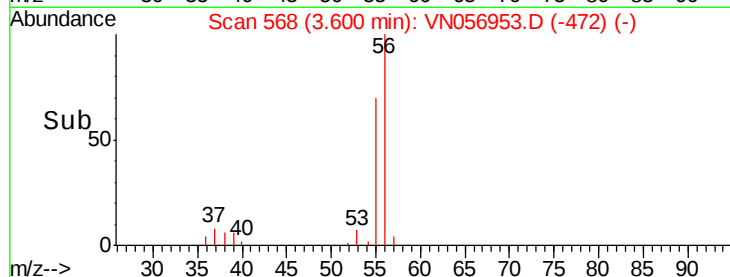
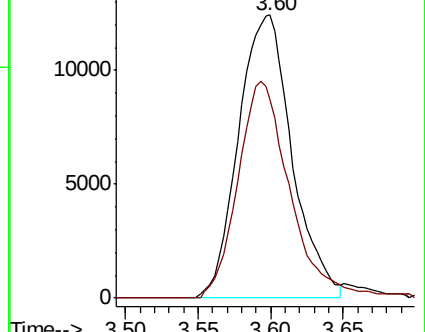
56 100

55 75.0 55.8 83.6



Abundance Ion 56.00 (55.70 to 56.70): VN056953.D (-549) (-)

Ion 55.00 (54.70 to 55.70): VN056953.D (-549) (-)



#14

Allyl chloride

Concen: 20.186 ug/l

RT: 4.31 min Scan# 789

Delta R.T. 0.01 min

Lab File: VN056953.D

Acq: 26 Jul 2019 20:06

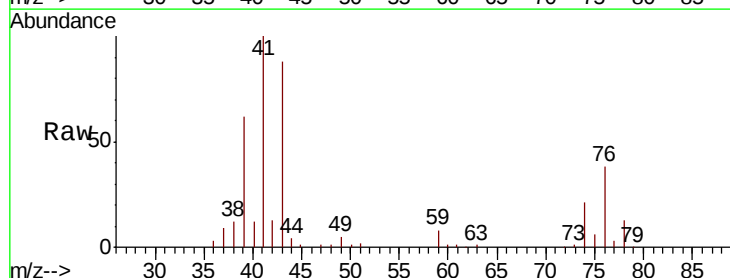
Tgt Ion: 41 Resp: 163790

Ion Ratio Lower Upper

41 100

39 58.1 46.4 69.6

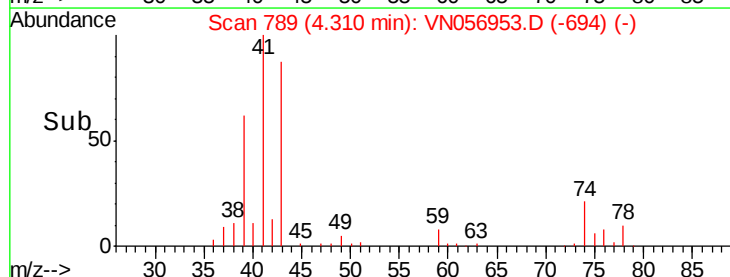
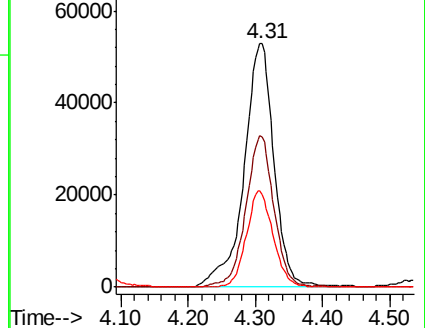
76 35.1 28.4 42.6

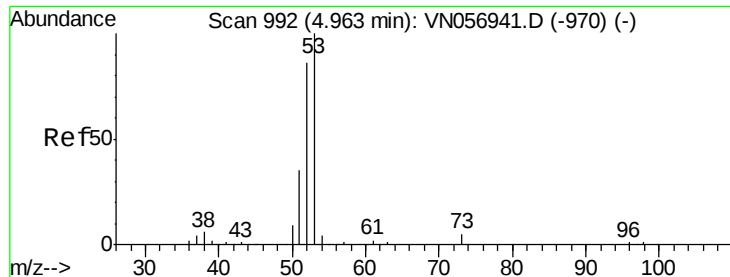


Abundance Ion 41.00 (40.70 to 41.70): VN056953.D (-694) (-)

Ion 39.00 (38.70 to 39.70): VN056953.D (-694) (-)

Ion 75.90 (75.60 to 76.60): VN056953.D (-694) (-)





#15

Acrylonitrile

Concen: 107.538 ug/l

RT: 4.97 min Scan# 994

Delta R.T. 0.01 min

Lab File: VN056953.D

Acq: 26 Jul 2019 20:06

Instrument :

MSVOA_N

ClientSampleId :

VN0727WBSD01

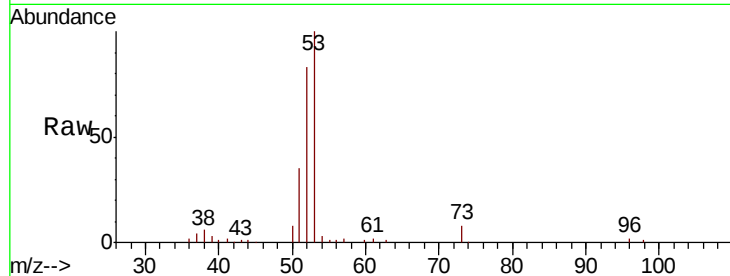
Tot Ion: 53 Resp: 247623

Ion Ratio Lower Upper

53 100

52 82.0 66.5 99.7

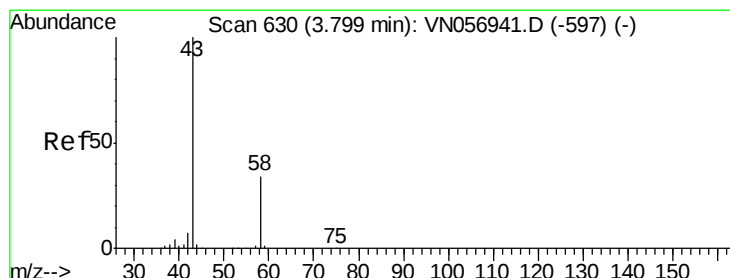
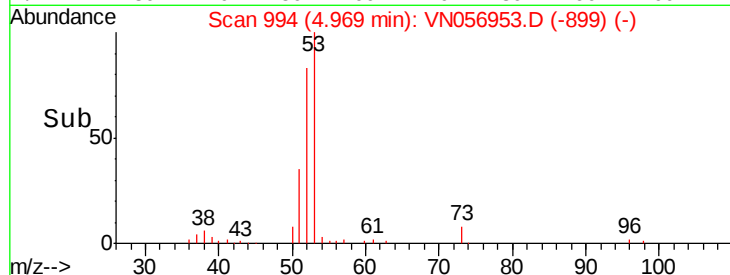
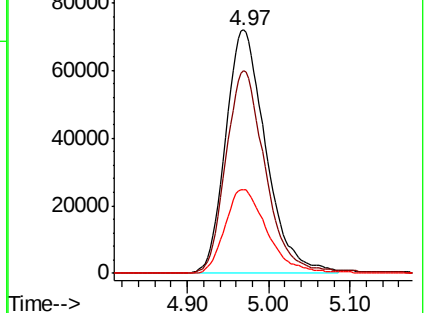
51 36.0 28.4 42.6



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: 87.556 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.00 min

Lab File: VN056953.D

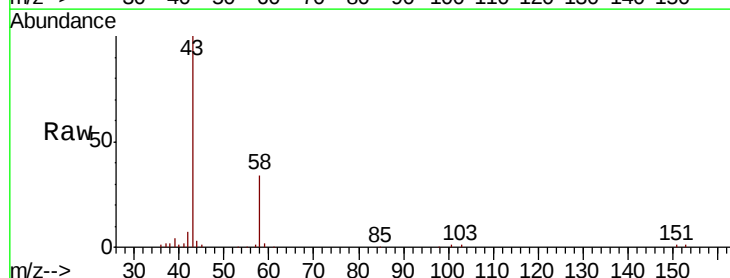
Acq: 26 Jul 2019 20:06

Tgt Ion: 43 Resp: 184262

Ion Ratio Lower Upper

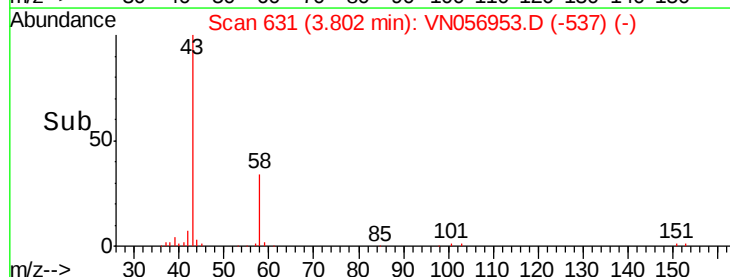
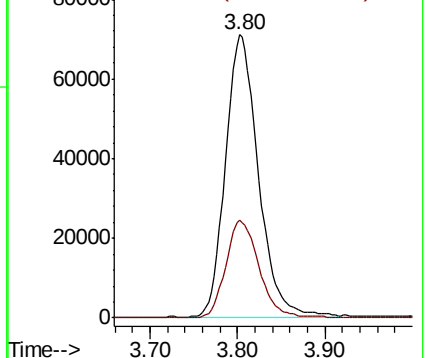
43 100

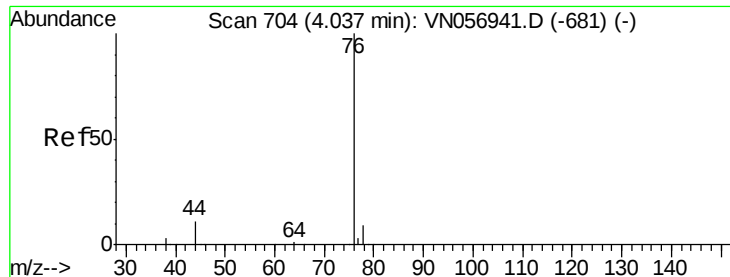
58 34.5 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

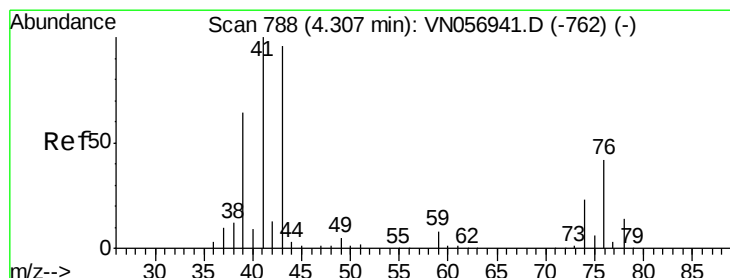
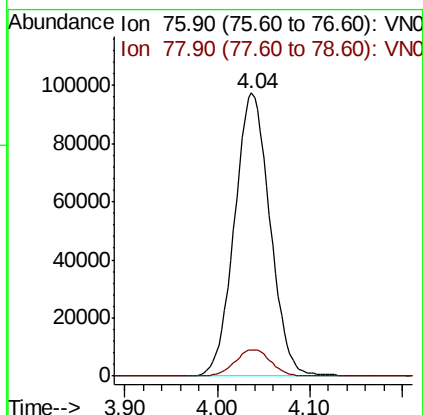
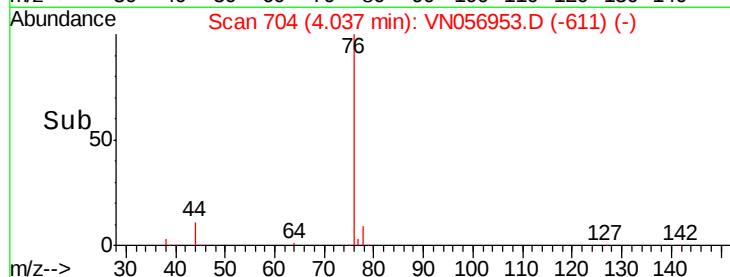
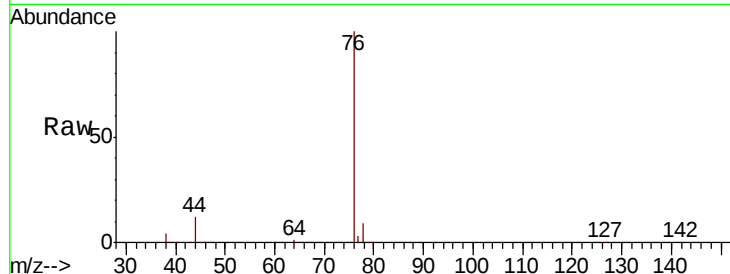




#17
Carbon Disulfide
Concen: 19.504 ug/l
RT: 4.04 min Scan# 704
Delta R.T. -0.00 min
Lab File: VN056953.D
Acq: 26 Jul 2019 20:06

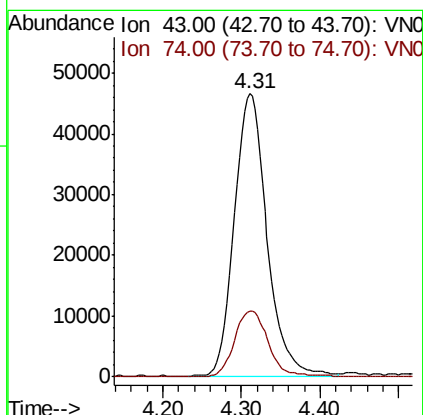
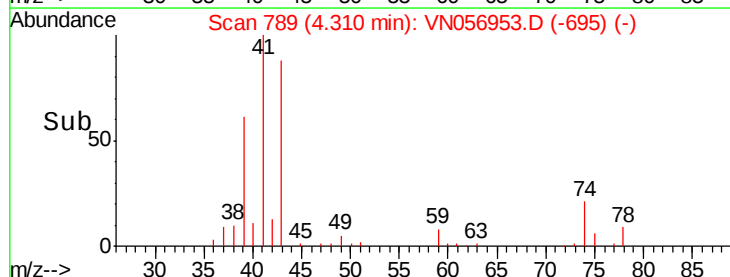
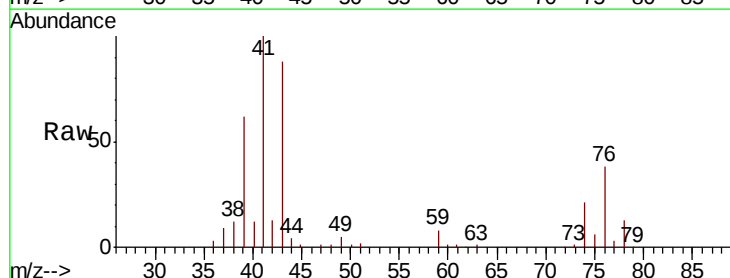
Instrument :
MSVOA_N
ClientSampled :
VN0727WBSD01

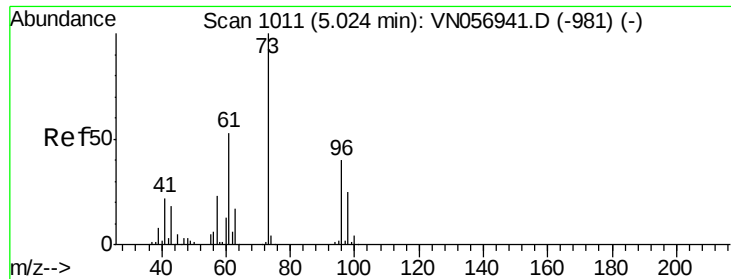
Tot Ion: 76 Resp: 258530
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8



#18
Methyl Acetate
Concen: 20.053 ug/l
RT: 4.31 min Scan# 789
Delta R.T. 0.00 min
Lab File: VN056953.D
Acq: 26 Jul 2019 20:06

Tgt Ion: 43 Resp: 134628
Ion Ratio Lower Upper
43 100
74 24.1 19.7 29.5

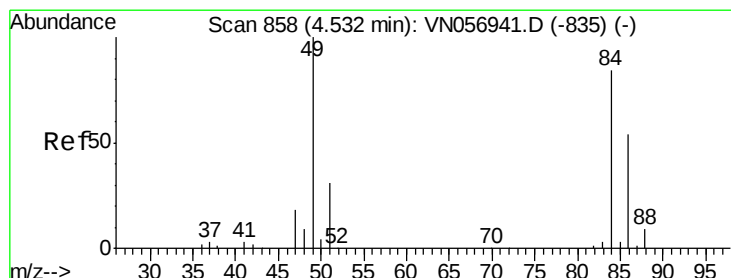
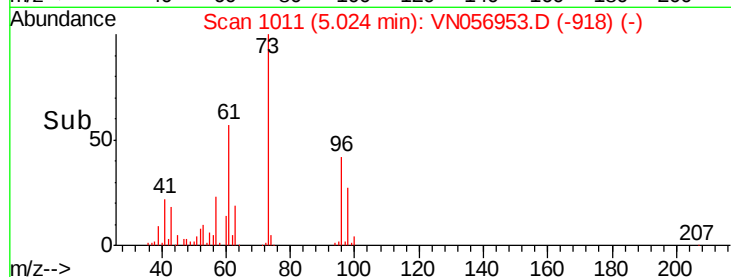
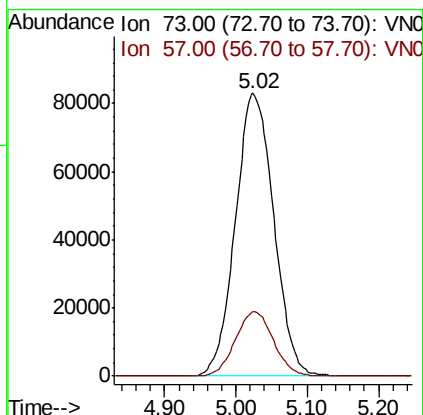
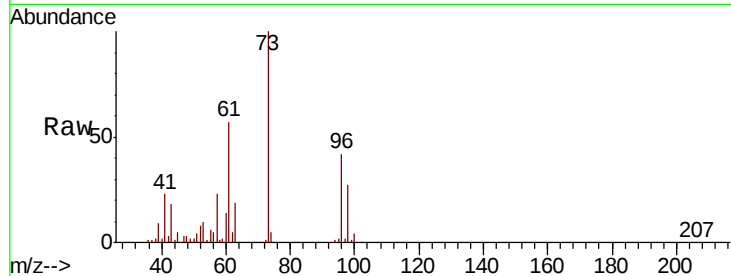




#19
Methyl tert-butyl Ether
Concen: 20.897 ug/l
RT: 5.02 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VN056953.D
Acq: 26 Jul 2019 20:06

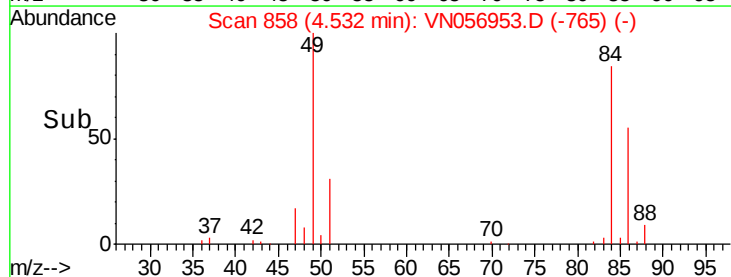
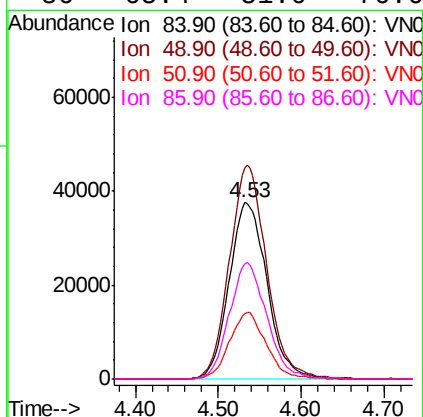
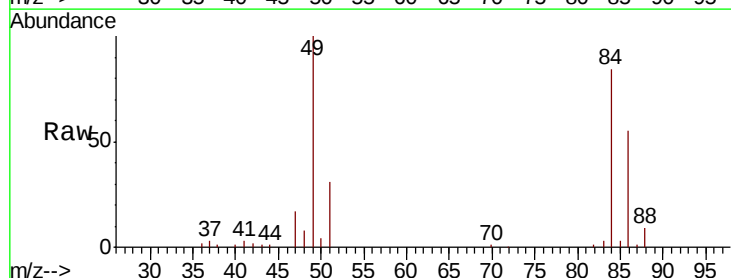
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBSD01

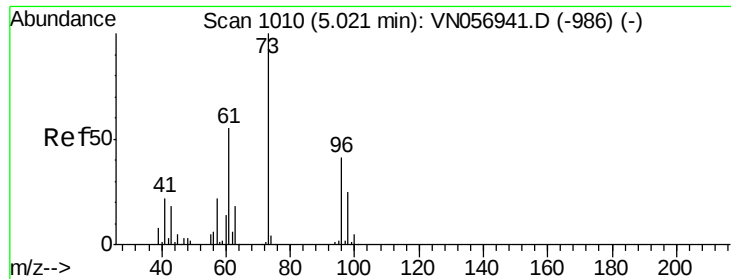
Tot Ion: 73 Resp: 310819
Ion Ratio Lower Upper
73 100
57 23.0 18.3 27.5



#20
Methylene Chloride
Concen: 19.666 ug/l
RT: 4.53 min Scan# 858
Delta R.T. -0.00 min
Lab File: VN056953.D
Acq: 26 Jul 2019 20:06

Tgt Ion: 84 Resp: 119216
Ion Ratio Lower Upper
84 100
49 119.5 95.2 142.8
51 37.0 29.7 44.5
86 65.4 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 20.767 ug/l

RT: 5.02 min Scan# 1011

Delta R.T. 0.00 min

Lab File: VN056953.D

Acq: 26 Jul 2019 20:06

Instrument :

MSVOA_N

ClientSampleId :

VN0727WBSD01

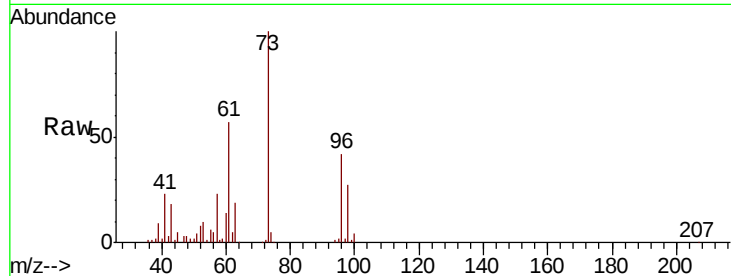
Tot Ion: 96 Resp: 110020

Ion Ratio Lower Upper

96 100

61 135.8 107.5 161.3

98 64.7 49.9 74.9

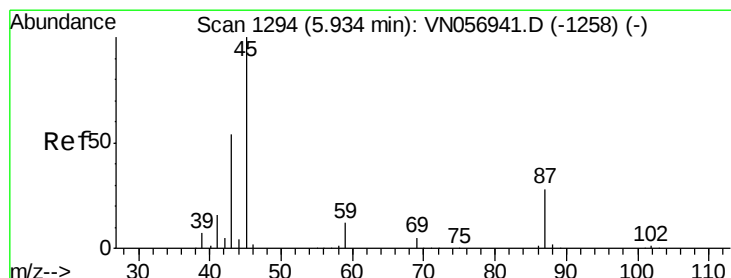
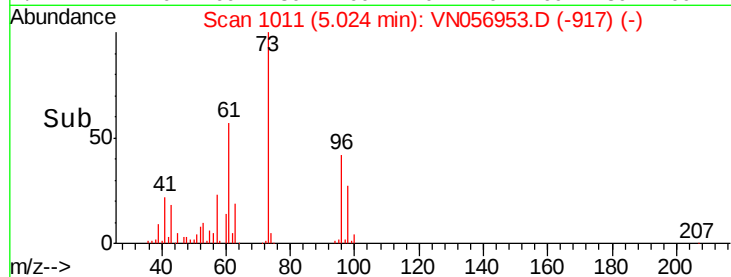
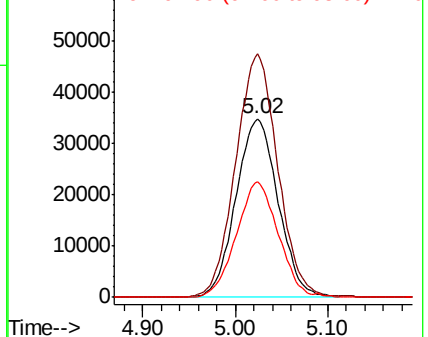


Abundance

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: 21.156 ug/l

RT: 5.93 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VN056953.D

Acq: 26 Jul 2019 20:06

Tgt Ion: 45 Resp: 353691

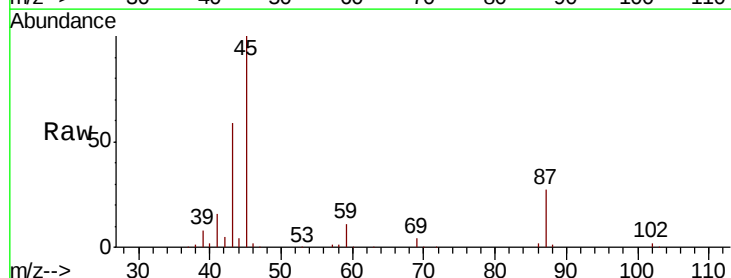
Ion Ratio Lower Upper

45 100

43 57.6 44.7 67.1

87 27.2 23.0 34.6

59 10.9 9.8 14.8



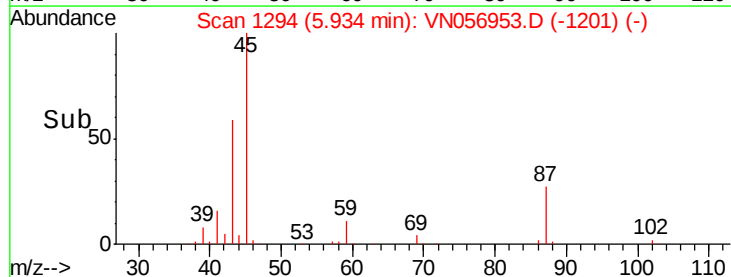
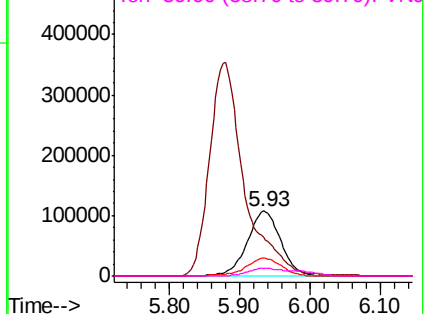
Abundance

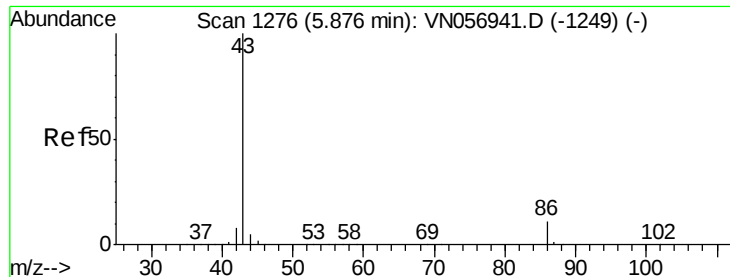
Ion 45.00 (44.70 to 45.70): VN0

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

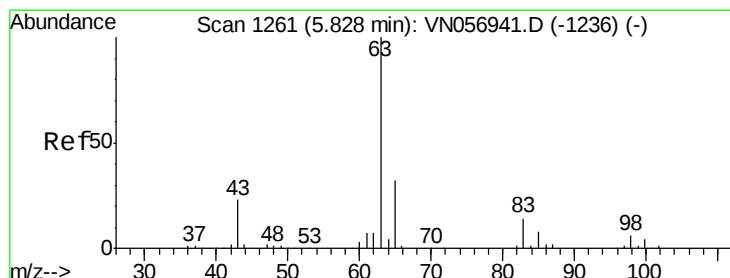
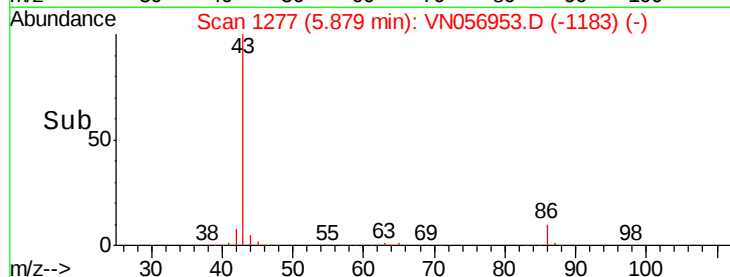
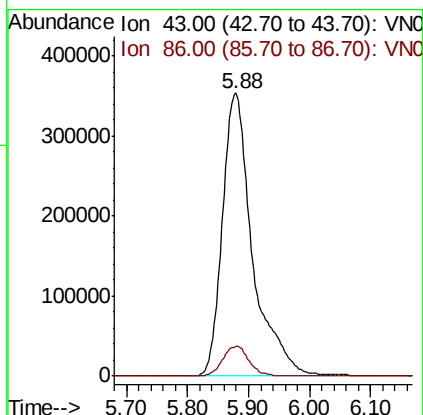
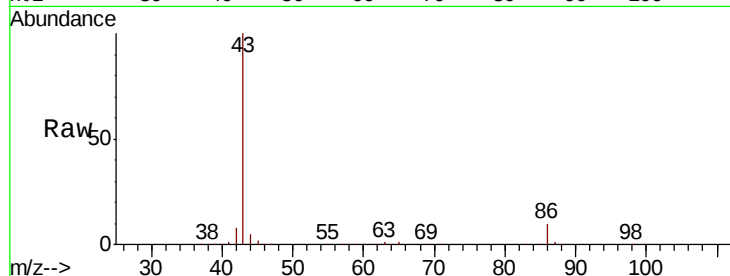




#23
 Vinyl Acetate
 Concen: 104.915 ug/l
 RT: 5.88 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VN056953.D
 Acq: 26 Jul 2019 20:06

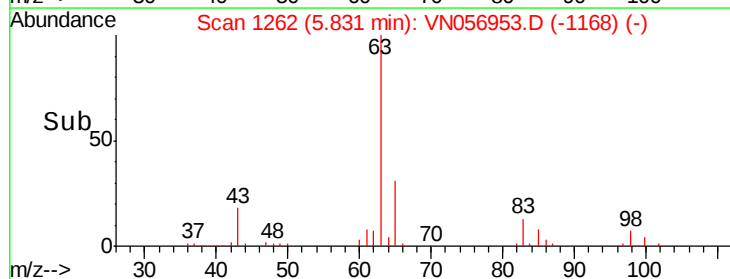
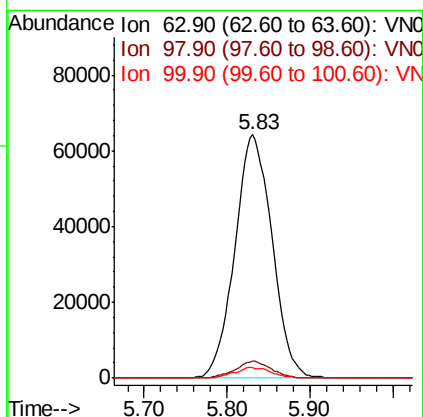
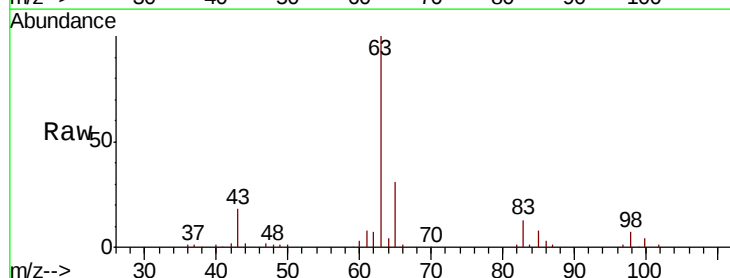
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727WBSD01

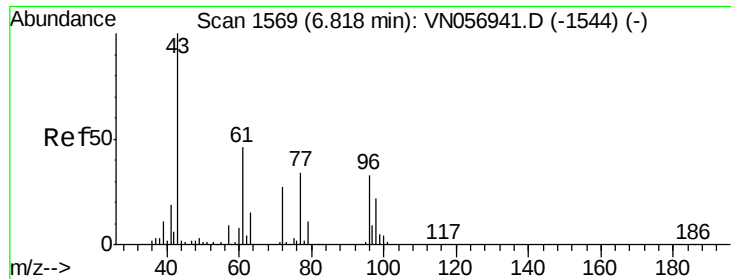
Tot Ion: 43 Resp: 1215285
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 20.335 ug/l
 RT: 5.83 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: VN056953.D
 Acq: 26 Jul 2019 20:06

Tgt Ion: 63 Resp: 200587
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.2 9.6
 100 4.2 2.1 6.3

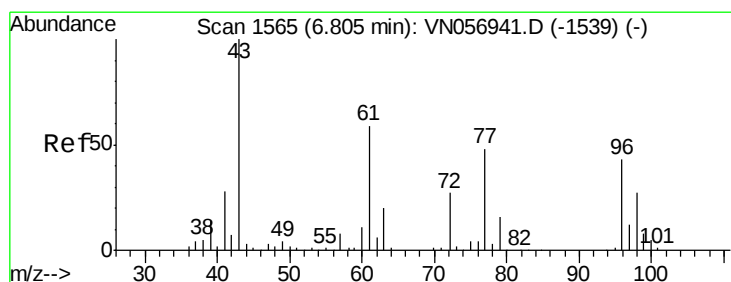
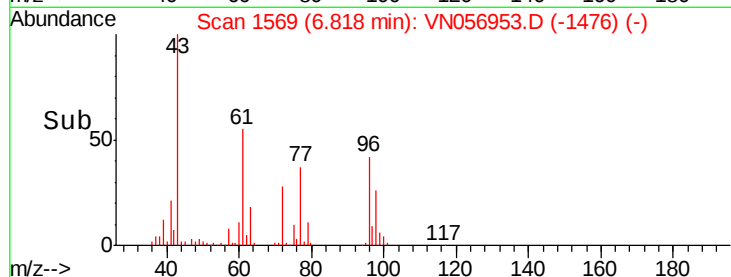
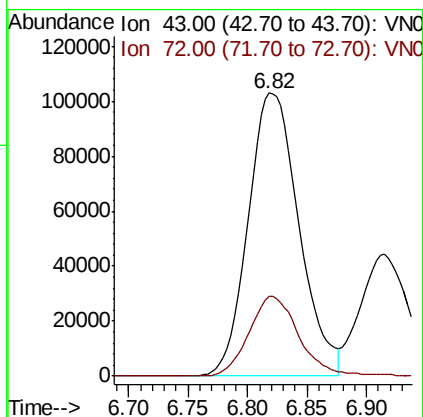
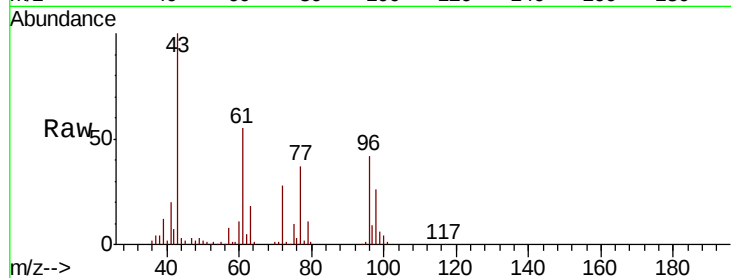




#25
2-Butanone
Concen: 101.492 ug/l
RT: 6.82 min Scan# 1569
Delta R.T. -0.00 min
Lab File: VN056953.D
Acq: 26 Jul 2019 20:06

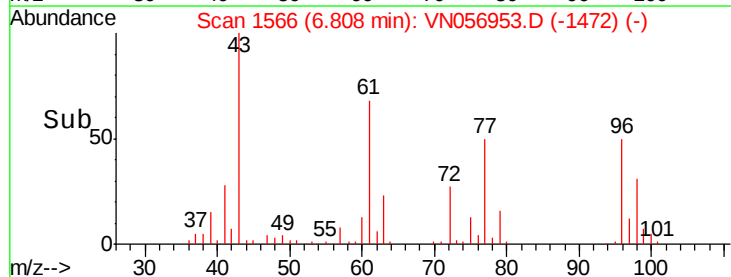
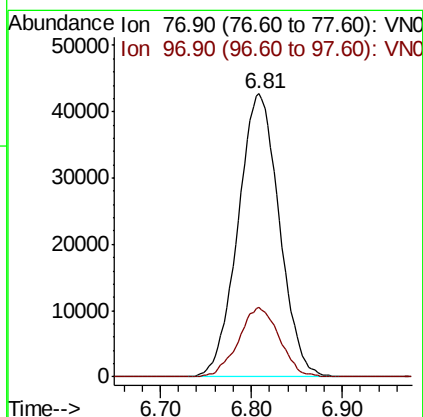
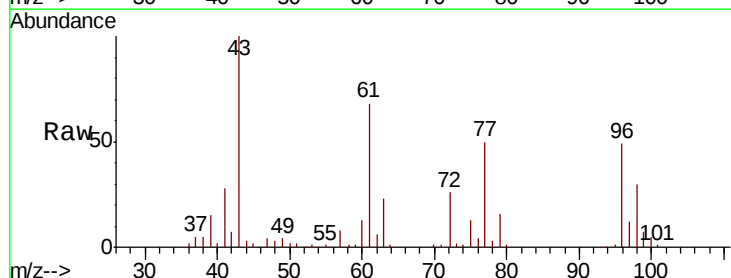
Instrument :
MSVOA_N
ClientSampled :
VN0727WBSD01

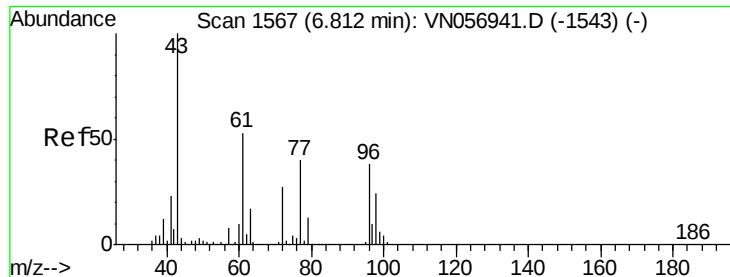
Tot Ion: 43 Resp: 302874
Ion Ratio Lower Upper
43 100
72 28.3 21.5 32.3



#26
2,2-Dichloropropane
Concen: 17.949 ug/l
RT: 6.81 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VN056953.D
Acq: 26 Jul 2019 20:06

Tgt Ion: 77 Resp: 134621
Ion Ratio Lower Upper
77 100
97 24.3 12.2 36.6

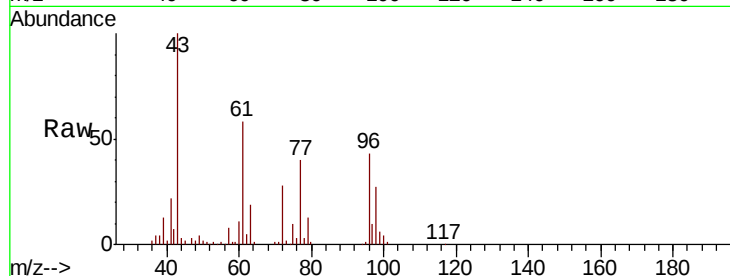




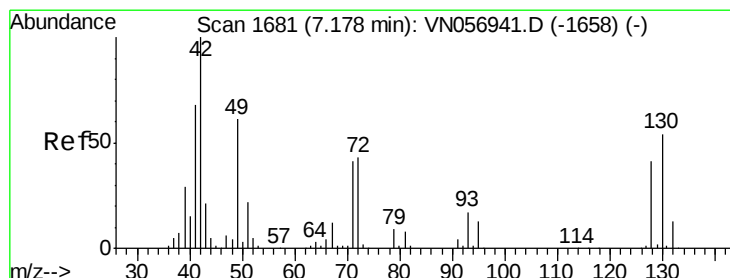
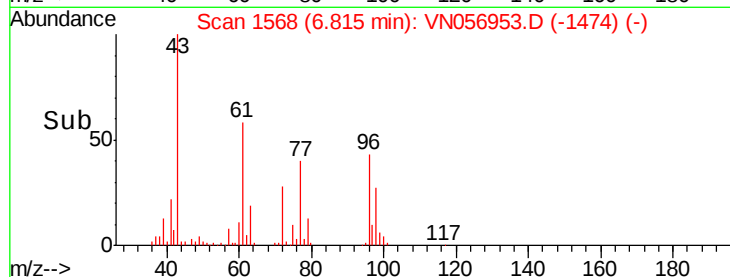
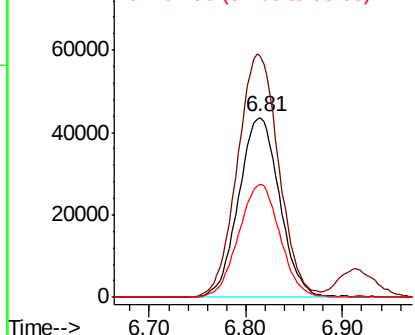
#27
 cis-1,2-Dichloroethene
 Concen: 20.473 ug/l
 RT: 6.81 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: VN056953.D
 Acq: 26 Jul 2019 20:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727WBSD01

Tot Ion: 96 Resp: 128281
 Ion Ratio Lower Upper
 96 100
 61 136.7 0.0 277.2
 98 63.3 0.0 128.4

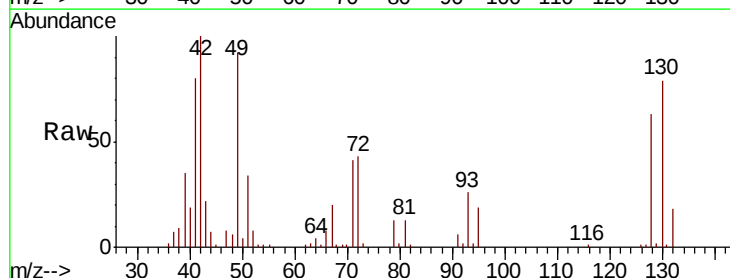


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

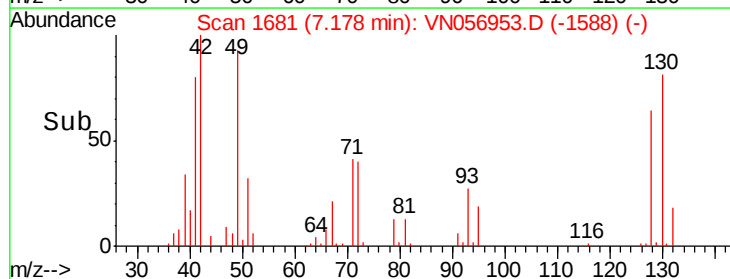
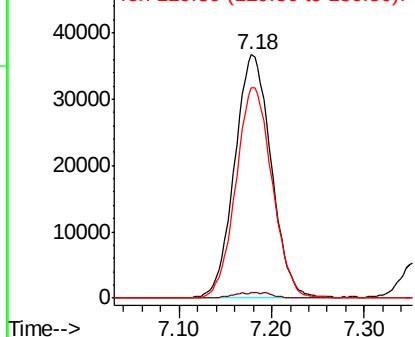


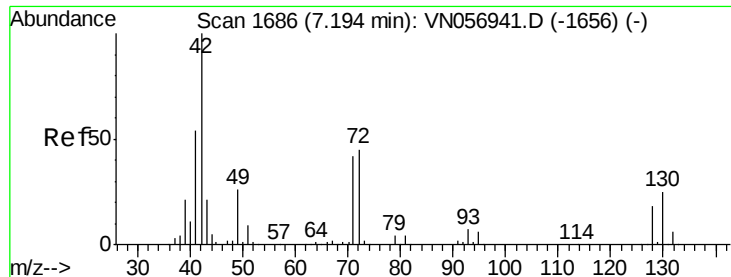
#28
 Bromochloromethane
 Concen: 21.705 ug/l
 RT: 7.18 min Scan# 1681
 Delta R.T. -0.00 min
 Lab File: VN056953.D
 Acq: 26 Jul 2019 20:06

Tgt Ion: 49 Resp: 100636
 Ion Ratio Lower Upper
 49 100
 129 1.1 0.0 4.6
 130 85.7 69.0 103.4



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

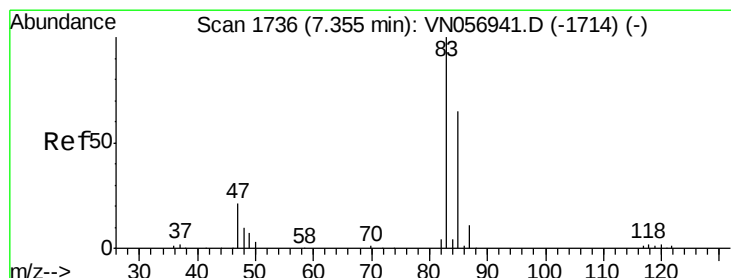
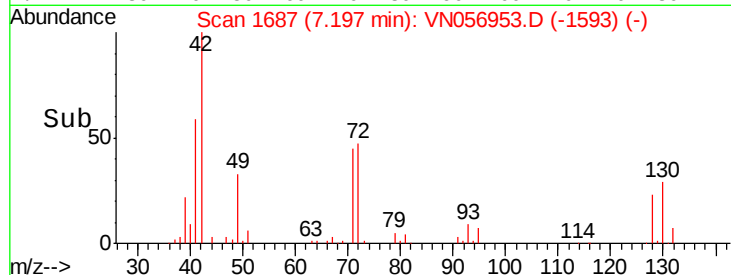
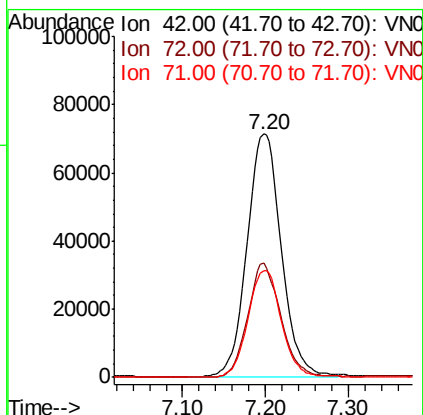
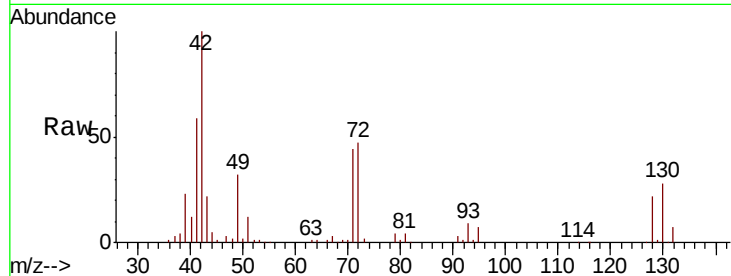




#29
Tetrahydrofuran
Concen: 105.960 ug/l
RT: 7.20 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VN056953.D
Acq: 26 Jul 2019 20:06

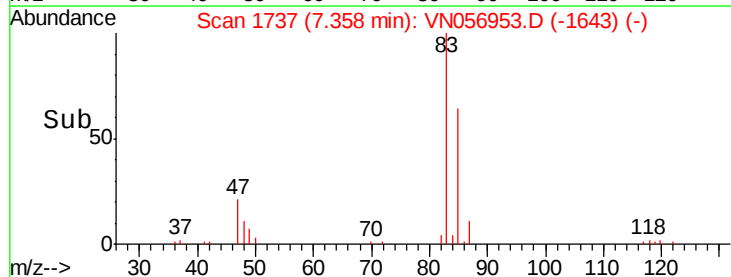
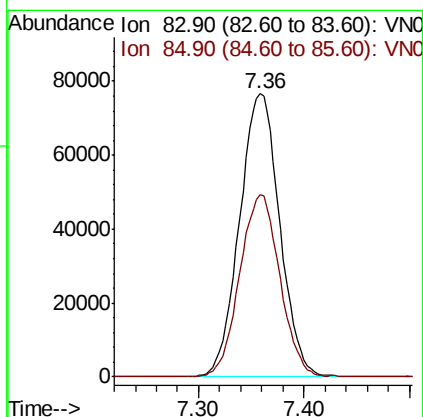
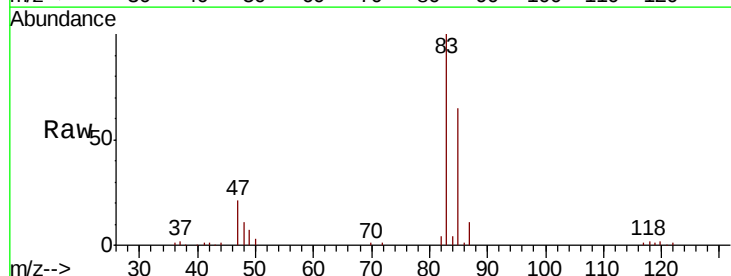
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBSD01

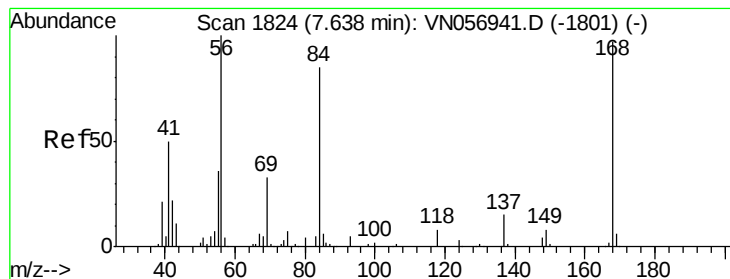
Tot Ion: 42 Resp: 206308
Ion Ratio Lower Upper
42 100
72 44.8 35.6 53.4
71 42.7 33.5 50.3



#30
Chloroform
Concen: 20.132 ug/l
RT: 7.36 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VN056953.D
Acq: 26 Jul 2019 20:06

Tgt Ion: 83 Resp: 203037
Ion Ratio Lower Upper
83 100
85 64.5 52.2 78.2





#31

Cyclohexane

Concen: 19.430 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN056953.D

Acq: 26 Jul 2019 20:06

Instrument :

MSVOA_N

ClientSampleId :

VN0727WBSD01

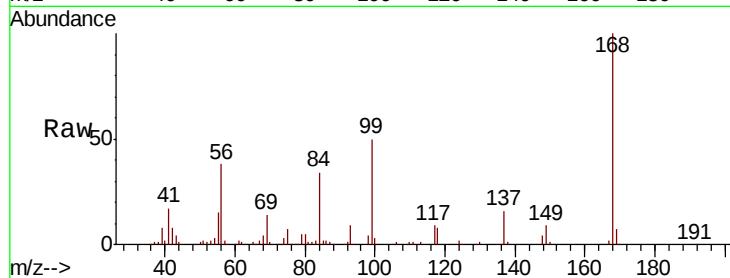
Tot Ion: 56 Resp: 185467

Ion Ratio Lower Upper

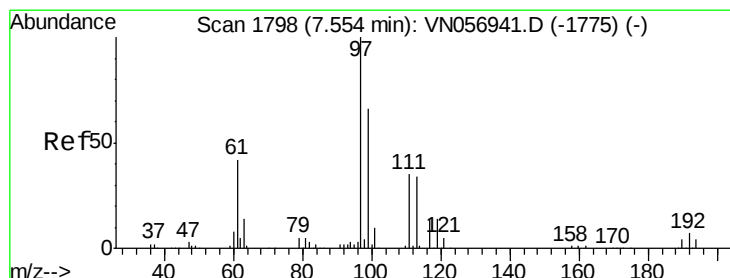
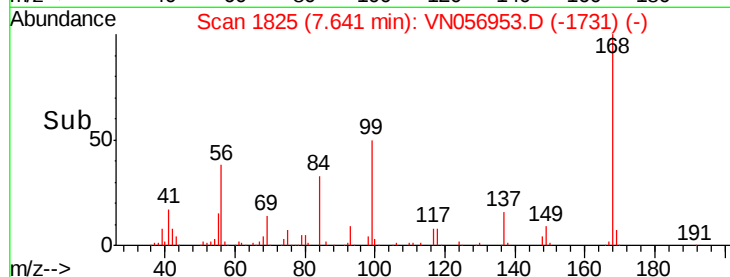
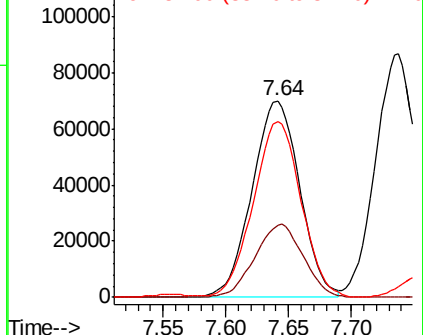
56 100

69 36.7 26.2 39.2

84 88.9 68.2 102.2



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: 20.709 ug/l

RT: 7.56 min Scan# 1799

Delta R.T. 0.00 min

Lab File: VN056953.D

Acq: 26 Jul 2019 20:06

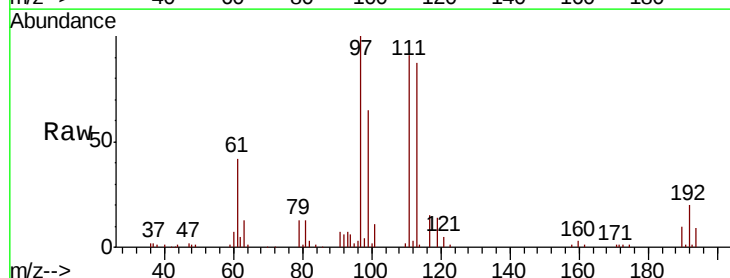
Tgt Ion: 97 Resp: 166647

Ion Ratio Lower Upper

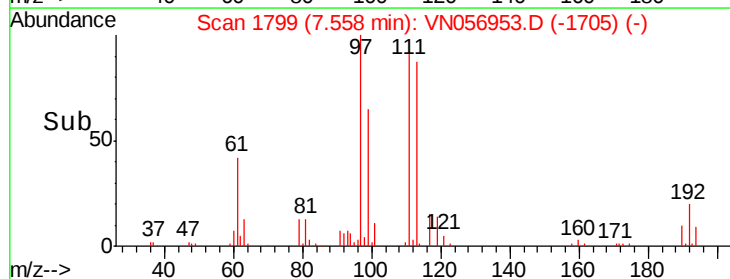
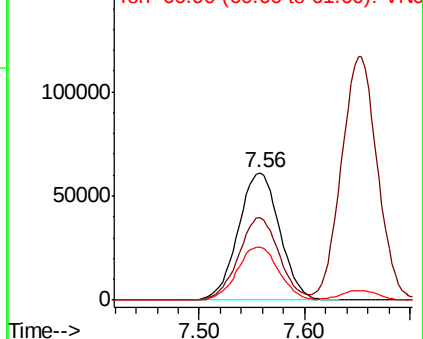
97 100

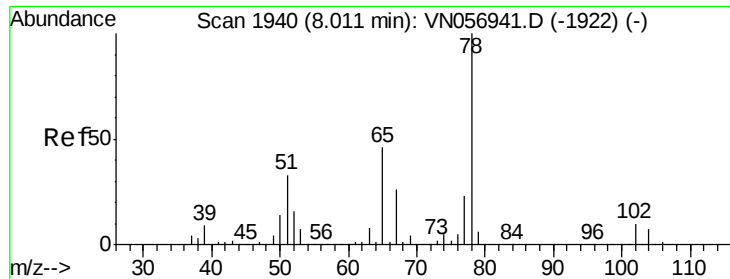
99 63.5 52.3 78.5

61 41.9 33.9 50.9



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: 50.594 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN056953.D

Acq: 26 Jul 2019 20:06

Instrument :

MSVOA_N

ClientSampleId :

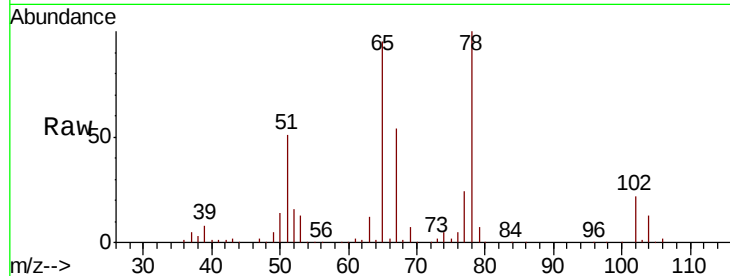
VN0727WBSD01

Tot Ion: 65 Resp: 293905

Ion Ratio Lower Upper

65 100

67 55.8 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VN056941.D (-1922) (-)

Ion 66.90 (66.60 to 67.60): VN056941.D (-1922) (-)

8.01

150000

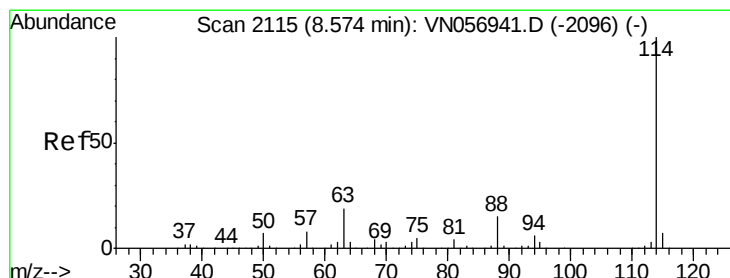
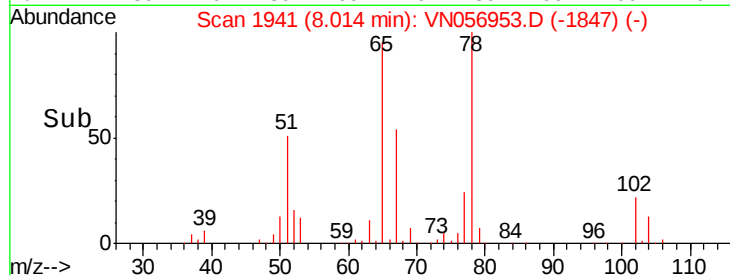
100000

50000

0

7.90 7.95 8.00 8.05 8.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2115

Delta R.T. -0.00 min

Lab File: VN056953.D

Acq: 26 Jul 2019 20:06

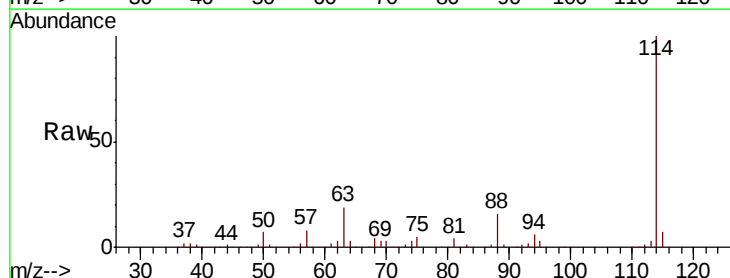
Tgt Ion: 114 Resp: 864763

Ion Ratio Lower Upper

114 100

63 18.9 0.0 38.0

88 15.6 0.0 30.0



Abundance Ion 113.90 (113.60 to 114.60): VN056941.D (-2096) (-)

Ion 63.00 (62.70 to 63.70): VN056941.D (-2096) (-)

Ion 87.90 (87.60 to 88.60): VN056941.D (-2096) (-)

8.57

500000

400000

300000

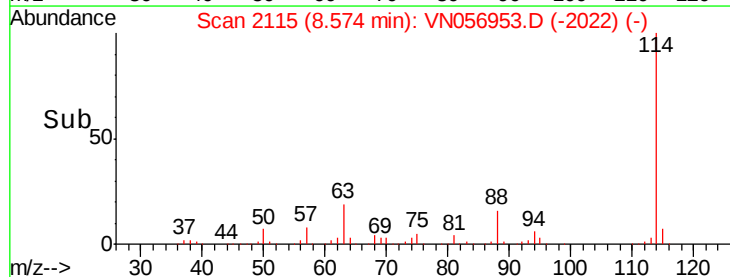
200000

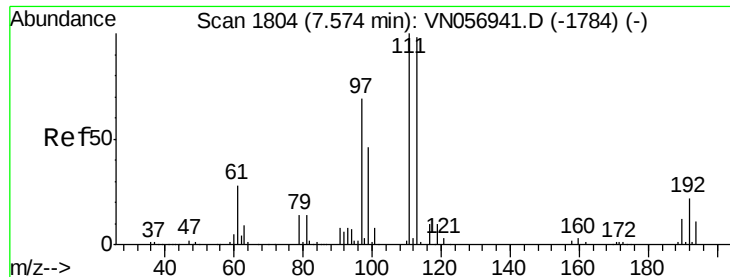
100000

0

8.50 8.55 8.60 8.65 8.70

Time-->





#35

Dibromofluoromethane

Concen: 48.676 ug/l

RT: 7.58 min Scan# 1805

Delta R.T. 0.00 min

Lab File: VN056953.D

Acq: 26 Jul 2019 20:06

Instrument :

MSVOA_N

ClientSampleId :

VN0727WBSD01

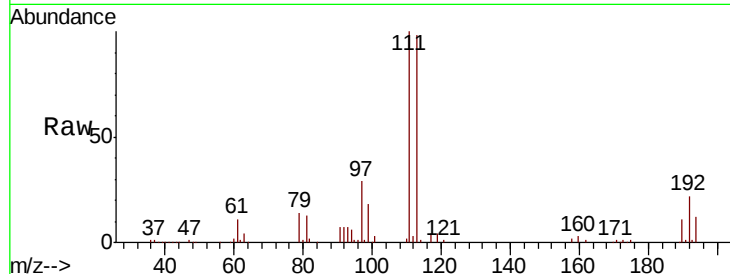
Tot Ion:113 Resp: 269469

Ion Ratio Lower Upper

113 100

111 102.9 82.0 123.0

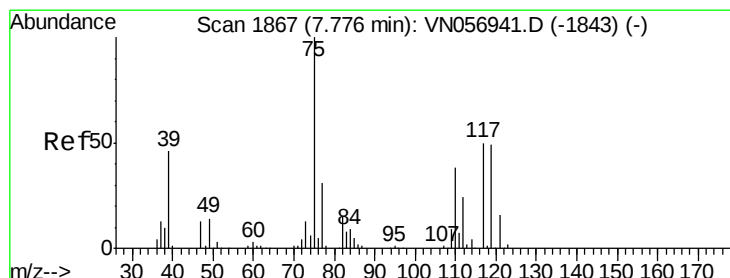
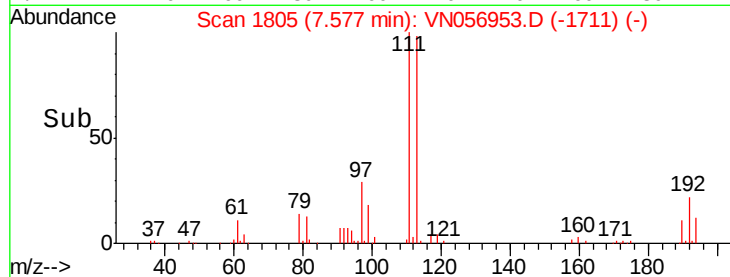
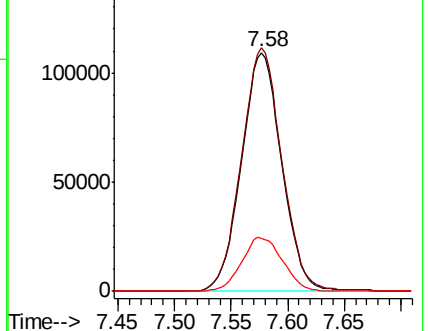
192 23.3 18.4 27.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.511 ug/l

RT: 7.78 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VN056953.D

Acq: 26 Jul 2019 20:06

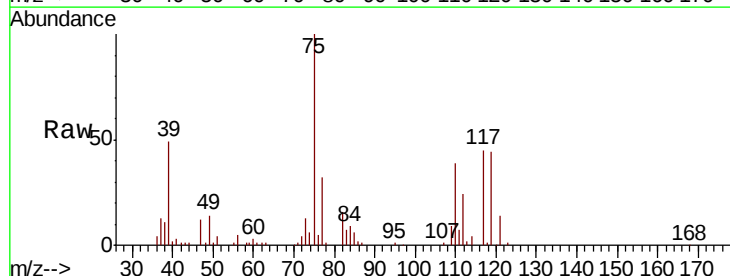
Tgt Ion: 75 Resp: 148466

Ion Ratio Lower Upper

75 100

110 37.3 18.6 55.8

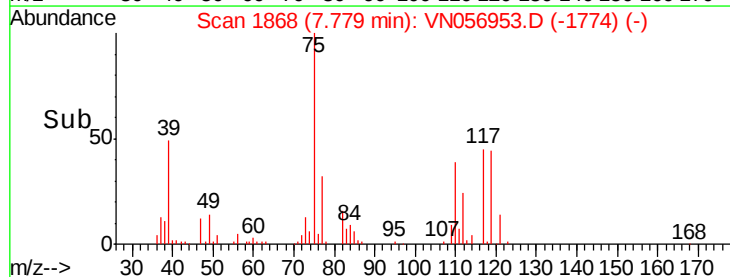
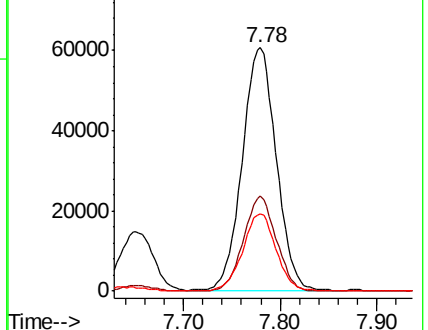
77 31.1 25.2 37.8

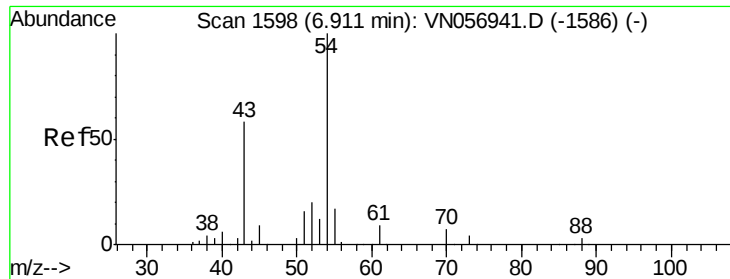


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

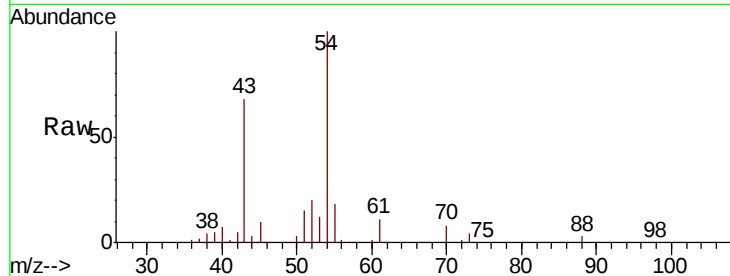




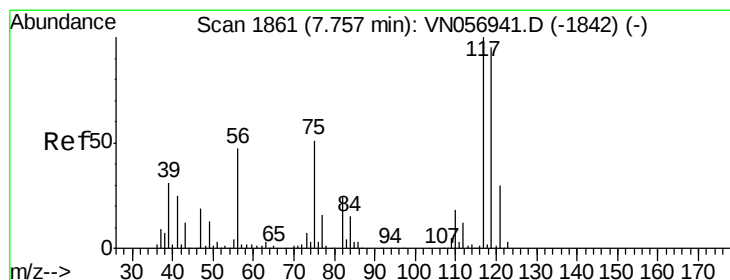
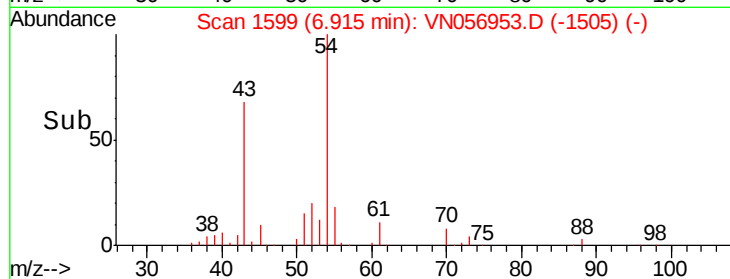
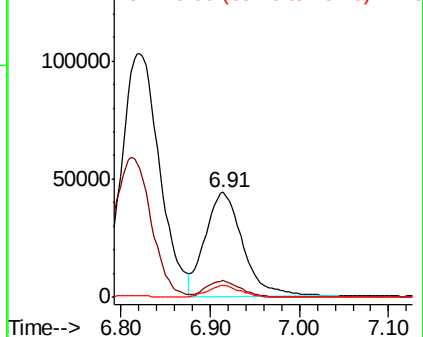
#37
Ethyl Acetate
Concen: 21.227 ug/l
RT: 6.91 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VN056953.D
Acq: 26 Jul 2019 20:06

Instrument :
MSVOA_N
ClientSampled :
VN0727WBSD01

Tot Ion: 43 Resp: 129365
Ion Ratio Lower Upper
43 100
61 14.0 11.8 17.6
70 10.2 8.5 12.7

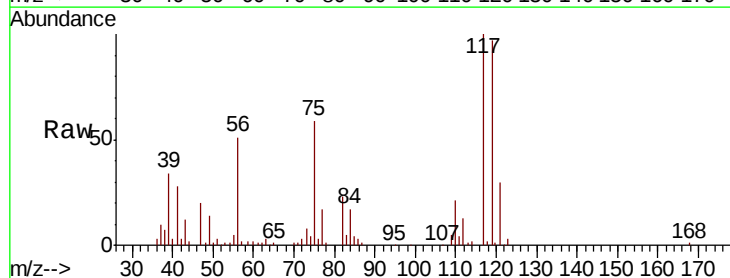


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

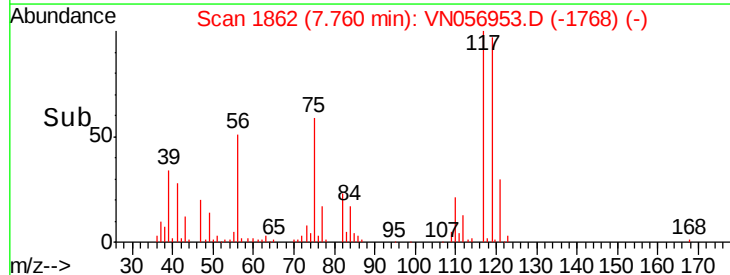
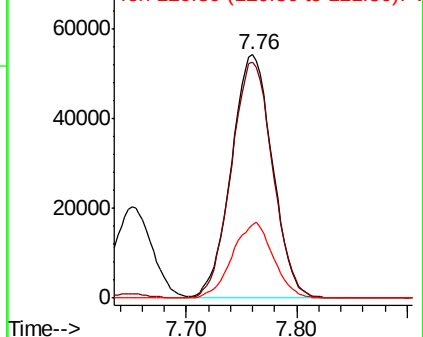


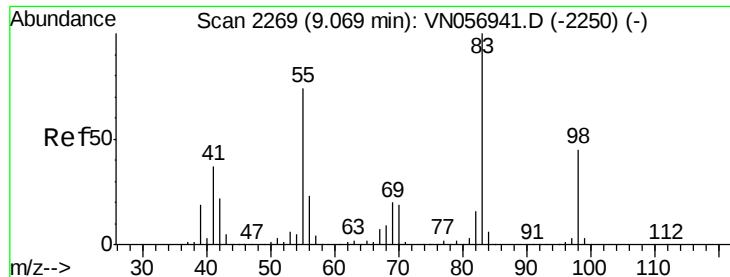
#38
Carbon Tetrachloride
Concen: 19.547 ug/l
RT: 7.76 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VN056953.D
Acq: 26 Jul 2019 20:06

Tgt Ion: 117 Resp: 140691
Ion Ratio Lower Upper
117 100
119 97.2 75.3 112.9
121 30.3 24.2 36.4



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

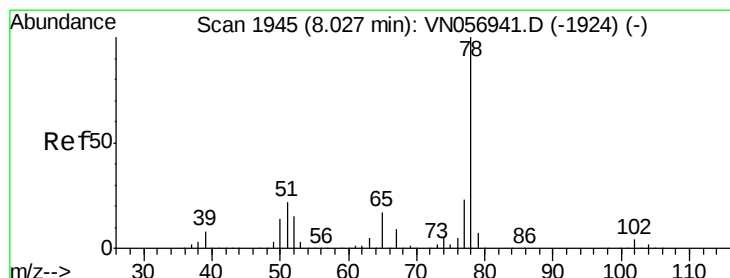
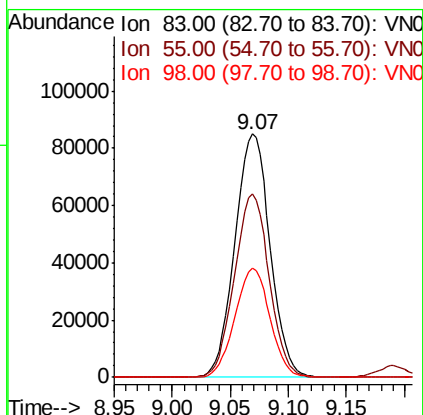
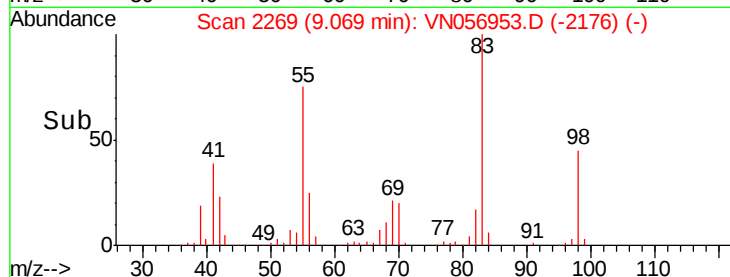
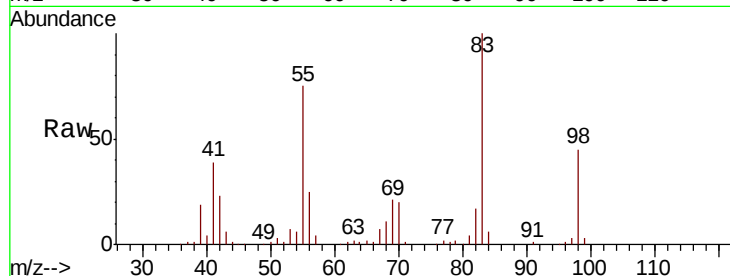




#39
Methvlcvclohexane
Concen: 18.454 ug/l
RT: 9.07 min Scan# 2269
Delta R.T. -0.00 min
Lab File: VN056953.D
Acq: 26 Jul 2019 20:06

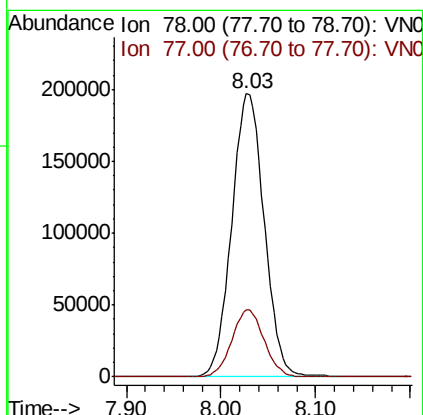
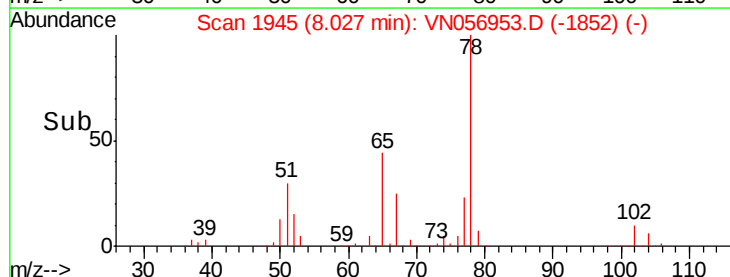
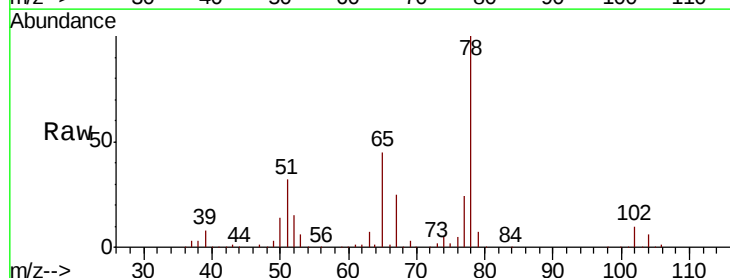
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBSD01

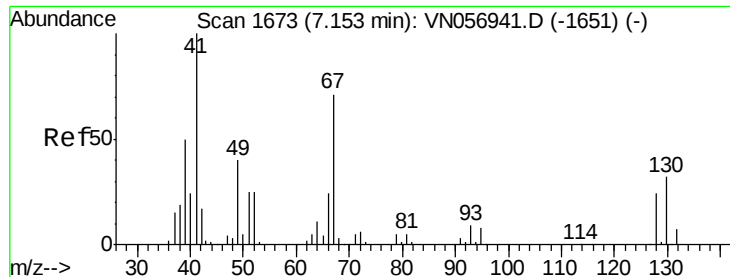
Tot Ion: 83 Resp: 179475
Ion Ratio Lower Upper
83 100
55 75.2 59.0 88.6
98 45.0 36.2 54.4



#40
Benzene
Concen: 20.075 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN056953.D
Acq: 26 Jul 2019 20:06

Tgt Ion: 78 Resp: 470505
Ion Ratio Lower Upper
78 100
77 23.6 18.3 27.5

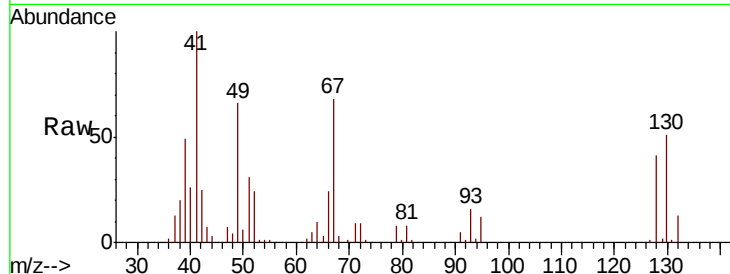




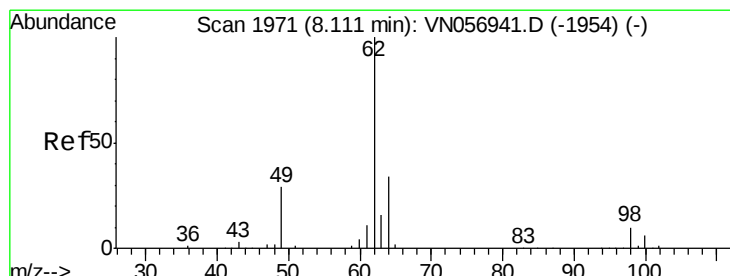
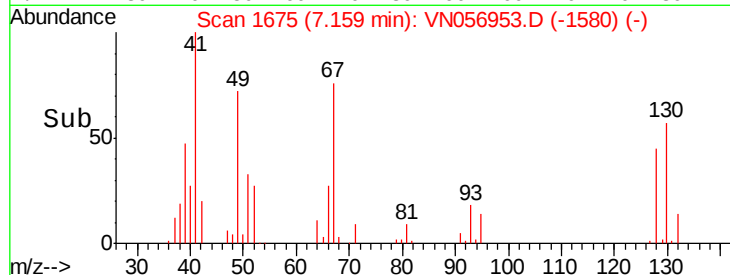
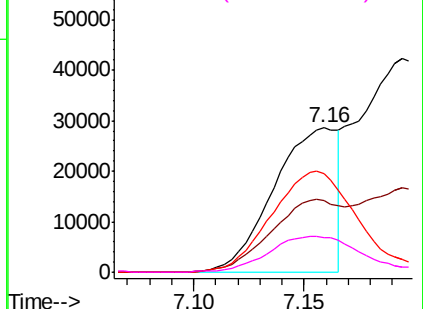
#41
Methacrylonitrile
Concen: 20.436 ug/l
RT: 7.16 min Scan# 1675
Delta R.T. 0.01 min
Lab File: VN056953.D
Acq: 26 Jul 2019 20:06

Instrument :
MSVOA_N
ClientSampleId :
VN0727WBSD01

Tot Ion: 41 Resp: 57576
Ion Ratio Lower Upper
41 100
39 55.7 48.9 73.3
67 94.4 83.4 125.0
52 36.9 30.9 46.3

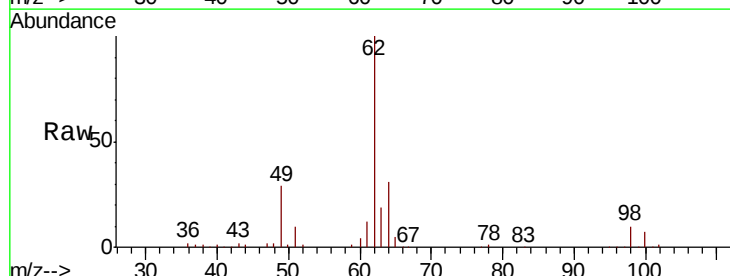


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

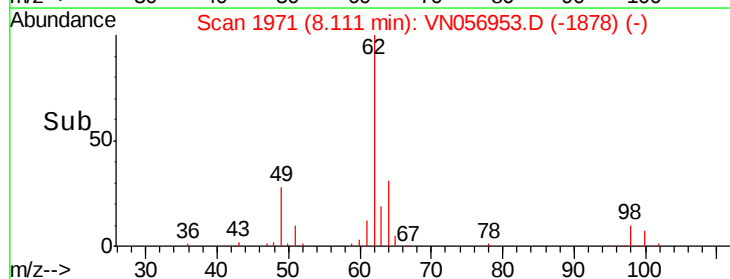
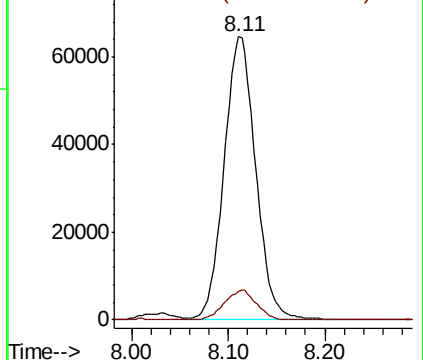


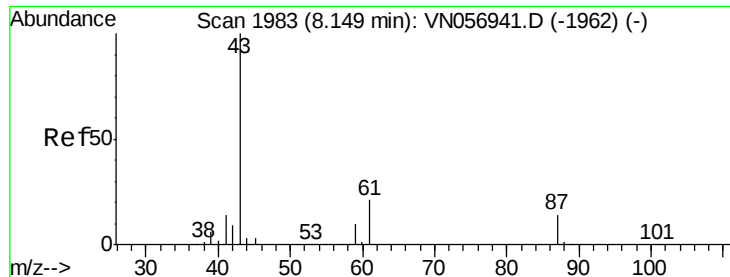
#42
1,2-Dichloroethane
Concen: 19.981 ug/l
RT: 8.11 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VN056953.D
Acq: 26 Jul 2019 20:06

Tgt Ion: 62 Resp: 146771
Ion Ratio Lower Upper
62 100
98 10.6 0.0 20.6



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



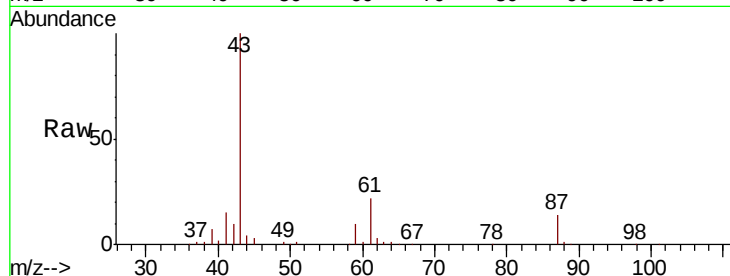


#43

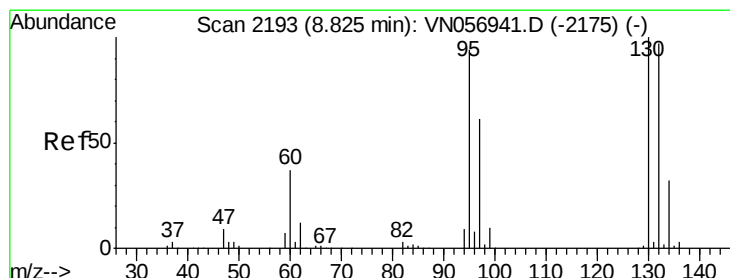
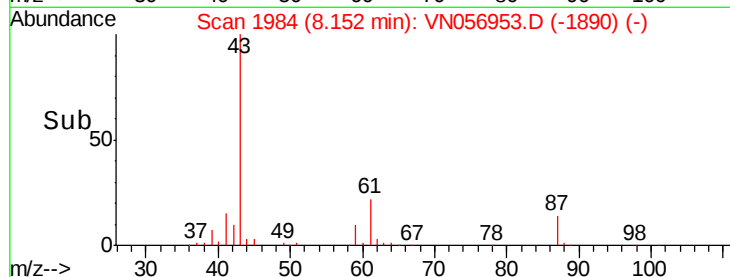
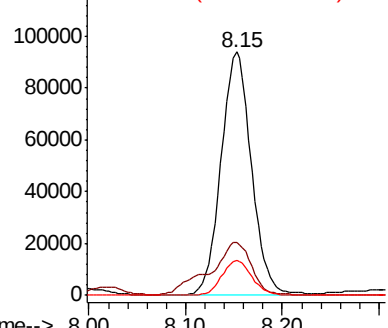
Isopropyl Acetate
 Concen: 20.248 ug/l
 RT: 8.15 min Scan# 1984
 Delta R.T. 0.00 min
 Lab File: VN056953.D
 Acq: 26 Jul 2019 20:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727WBSD01

Tot Ion: 43 Resp: 203960
 Ion Ratio Lower Upper
 43 100
 61 30.2 23.0 34.6
 87 14.3 11.7 17.5



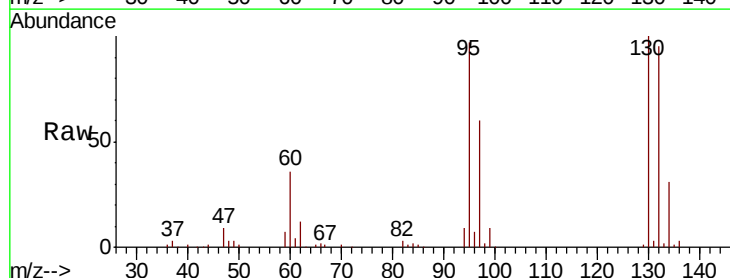
Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 61.00 (60.70 to 61.70): VN0
 Ion 87.00 (86.70 to 87.70): VN0



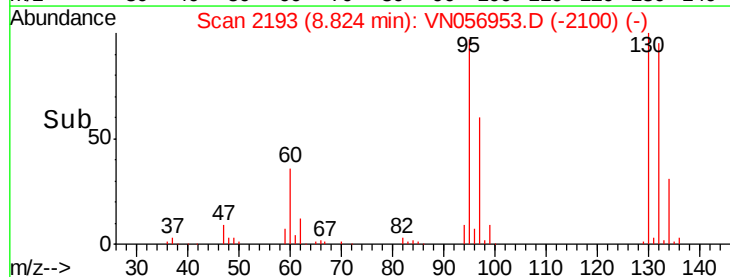
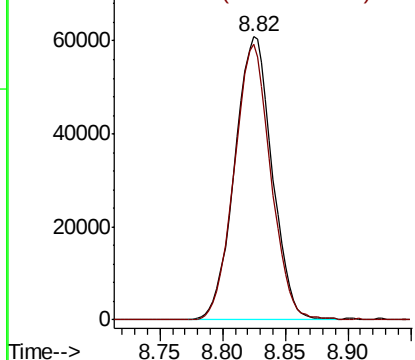
#44

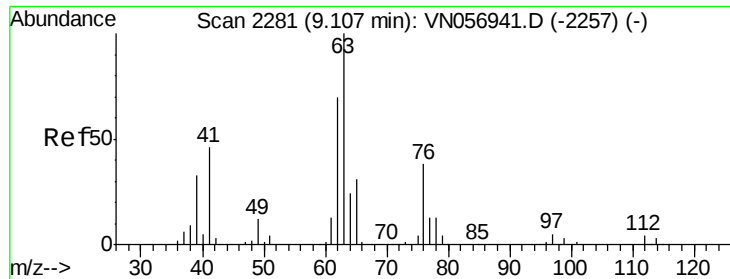
Trichloroethene
 Concen: 19.576 ug/l
 RT: 8.82 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: VN056953.D
 Acq: 26 Jul 2019 20:06

Tgt Ion:130 Resp: 126400
 Ion Ratio Lower Upper
 130 100
 95 97.3 0.0 189.0



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VN0

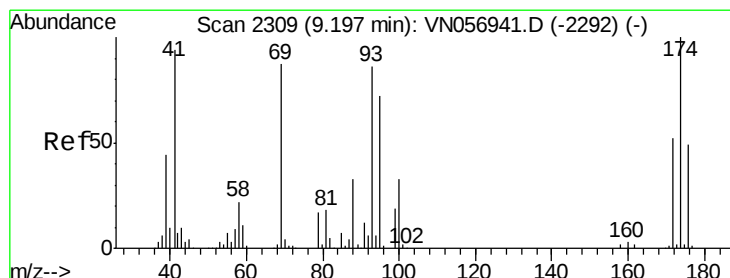
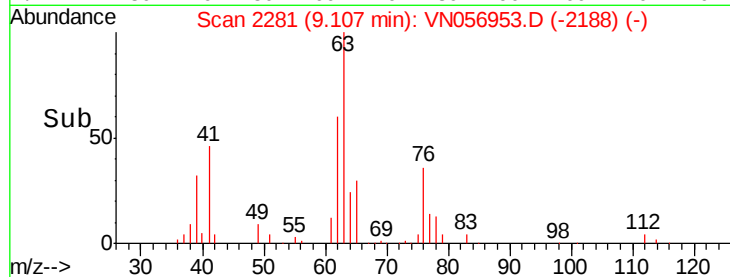
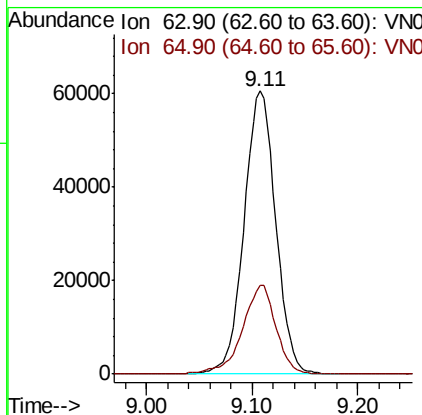
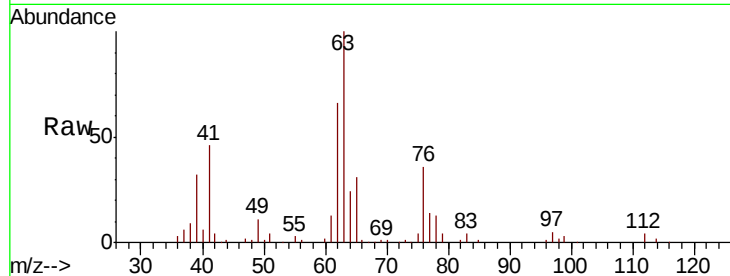




#45
 1,2-Dichloropropane
 Concen: 20.202 ug/l
 RT: 9.11 min Scan# 2281
 Delta R.T. -0.00 min
 Lab File: VN056953.D
 Acq: 26 Jul 2019 20:06

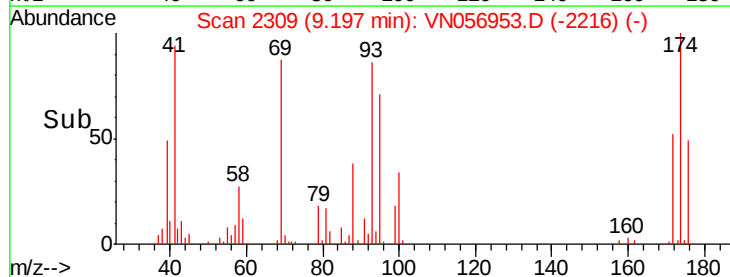
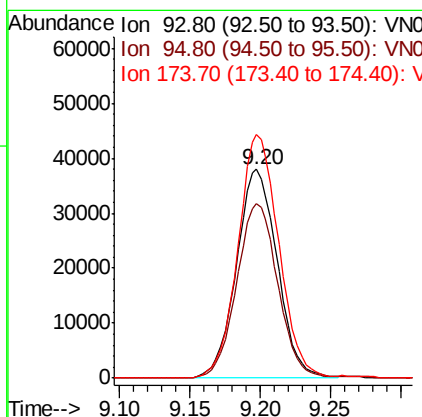
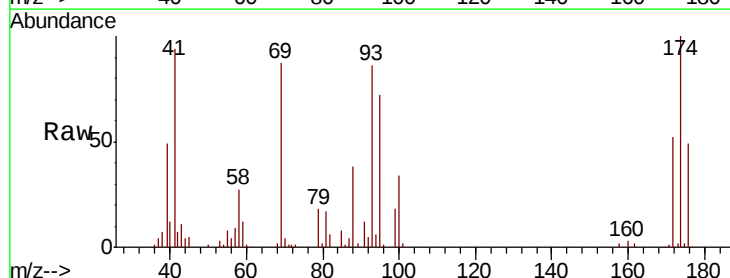
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727WBSD01

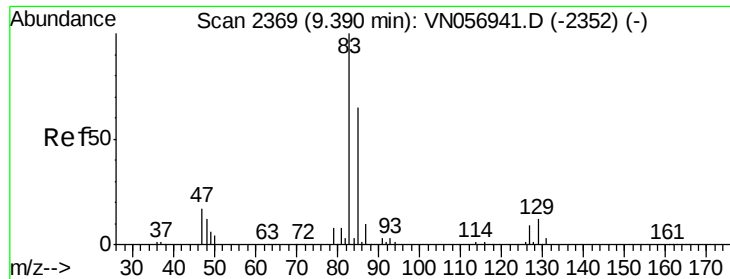
Tot Ion: 63 Resp: 126642
 Ion Ratio Lower Upper
 63 100
 65 31.2 24.8 37.2



#46
 Dibromomethane
 Concen: 20.387 ug/l
 RT: 9.20 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: VN056953.D
 Acq: 26 Jul 2019 20:06

Tgt Ion: 93 Resp: 77075
 Ion Ratio Lower Upper
 93 100
 95 84.3 67.0 100.6
 174 116.4 92.7 139.1





#47

Bromodichloromethane

Concen: 20.132 ug/l

RT: 9.39 min Scan# 2370

Delta R.T. 0.00 min

Lab File: VN056953.D

Acq: 26 Jul 2019 20:06

Instrument :

MSVOA_N

ClientSampleId :

VN0727WBSD01

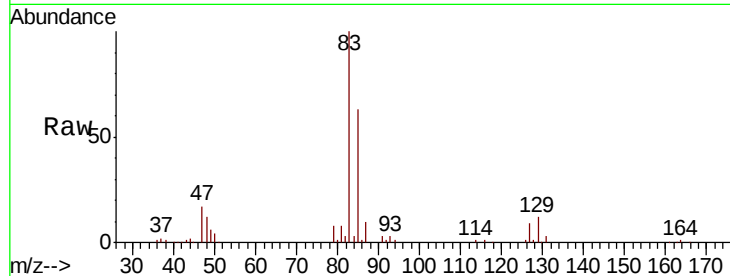
Tot Ion: 83 Resp: 149639

Ion Ratio Lower Upper

83 100

85 62.9 51.6 77.4

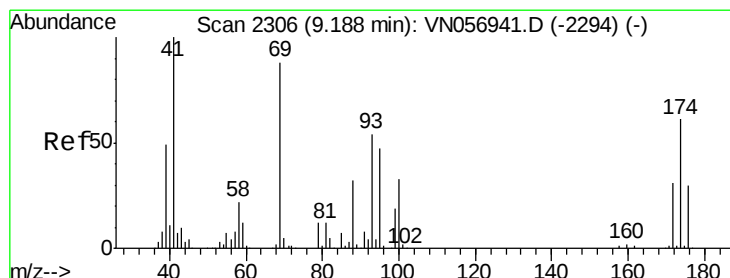
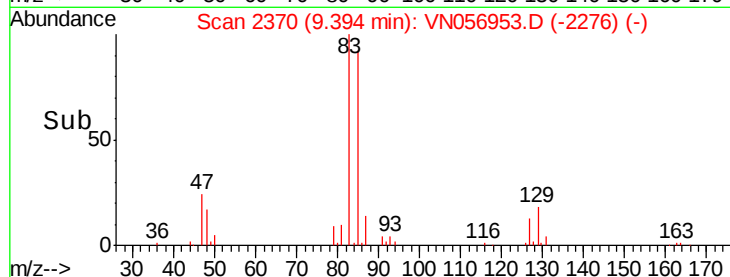
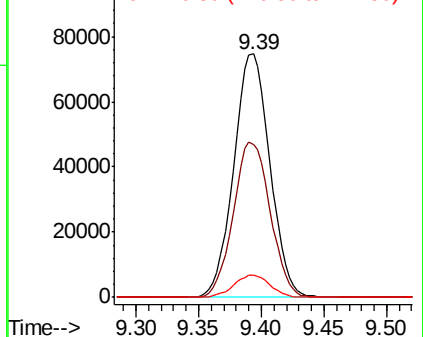
127 9.1 7.3 10.9



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 20.570 ug/l

RT: 9.19 min Scan# 2306

Delta R.T. -0.00 min

Lab File: VN056953.D

Acq: 26 Jul 2019 20:06

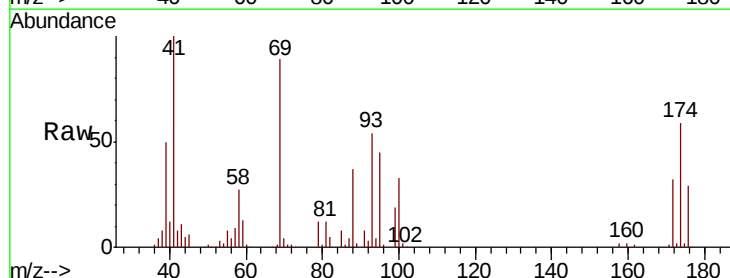
Tgt Ion: 41 Resp: 100036

Ion Ratio Lower Upper

41 100

69 91.5 73.4 110.0

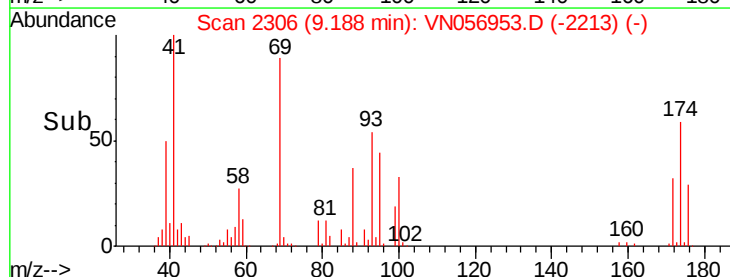
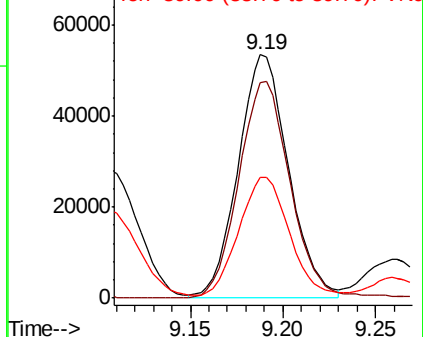
39 51.1 39.9 59.9

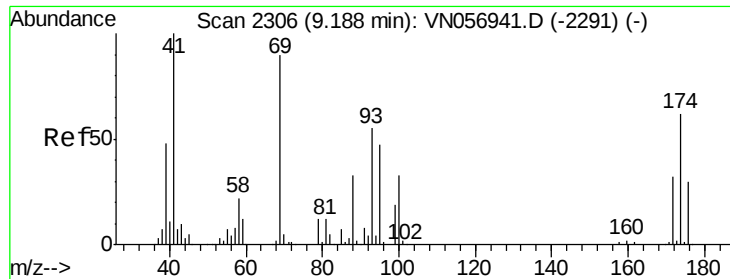


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 424.515 ug/l

RT: 9.19 min Scan# 2306

Delta R.T. -0.00 min

Lab File: VN056953.D

Acq: 26 Jul 2019 20:06

Instrument :

MSVOA_N

ClientSampleId :

VN0727WBSD01

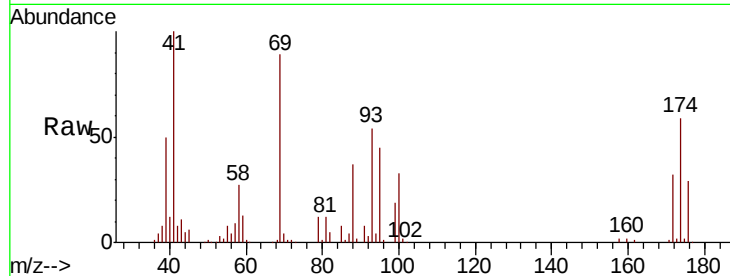
Tot Ion: 88 Resp: 42545

Ion Ratio Lower Upper

88 100

43 28.0 22.2 33.2

58 72.1 54.1 81.1

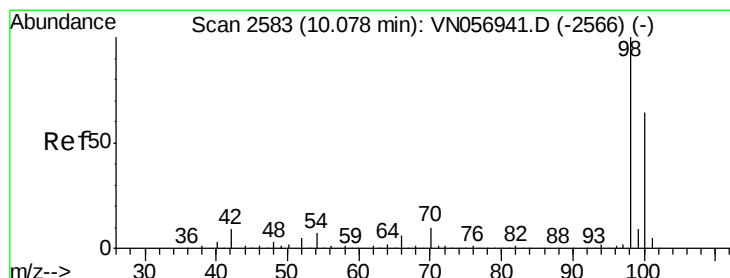
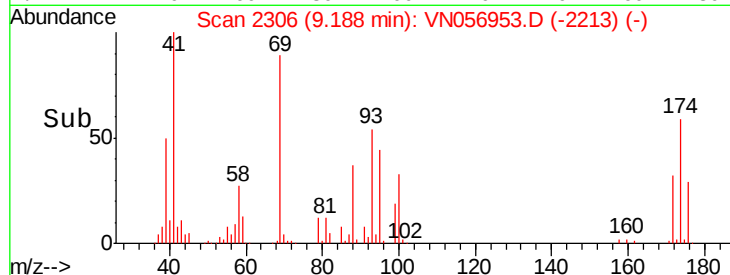
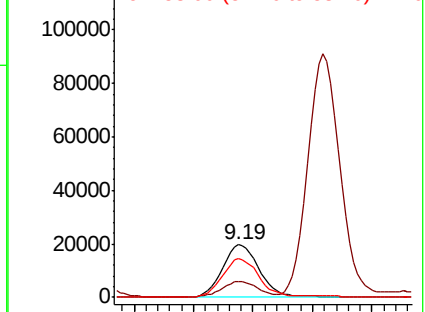


Abundance

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: 48.839 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN056953.D

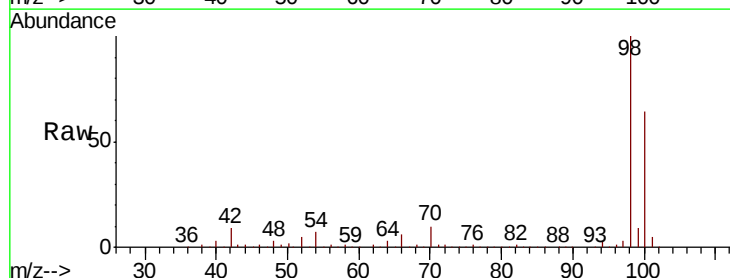
Acq: 26 Jul 2019 20:06

Tgt Ion: 98 Resp: 1031040

Ion Ratio Lower Upper

98 100

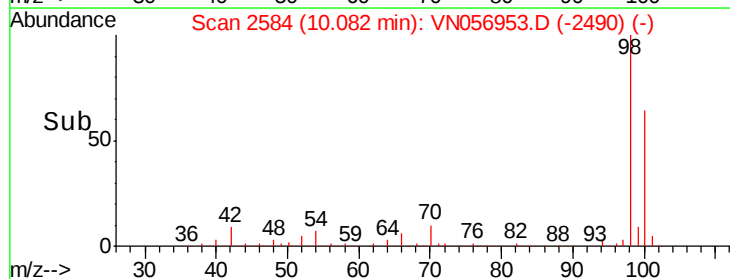
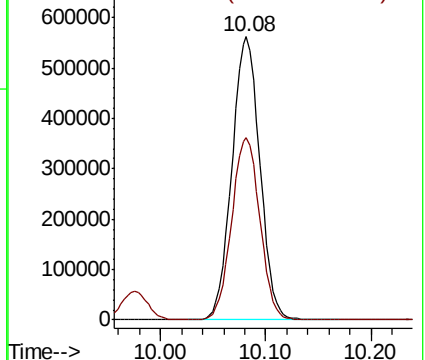
100 64.7 51.3 76.9

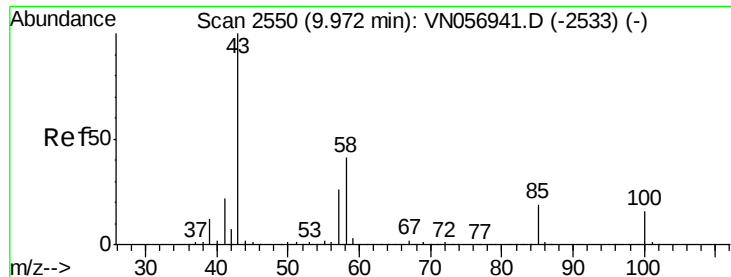


Abundance

Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 103.652 ug/l

RT: 9.98 min Scan# 2551

Delta R.T. 0.00 min

Lab File: VN056953.D

Acq: 26 Jul 2019 20:06

Instrument :

MSVOA_N

ClientSampleId :

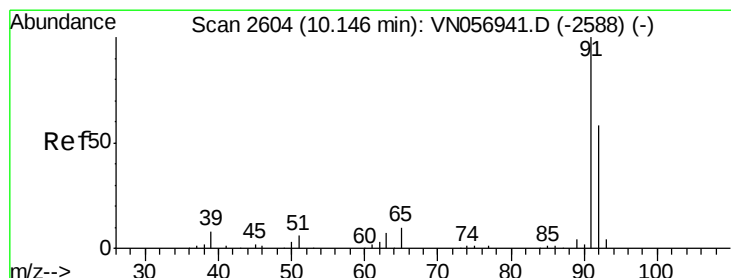
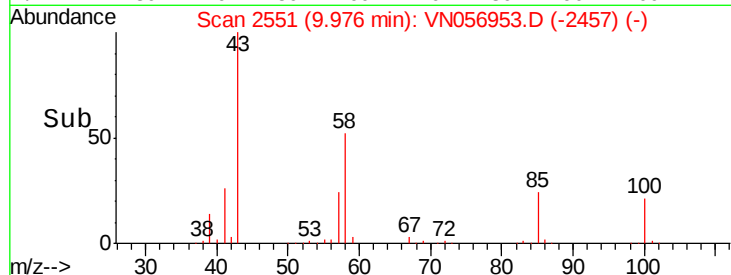
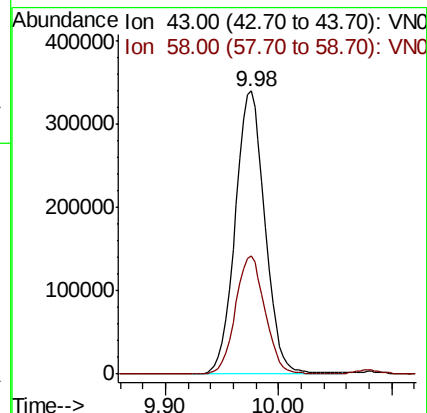
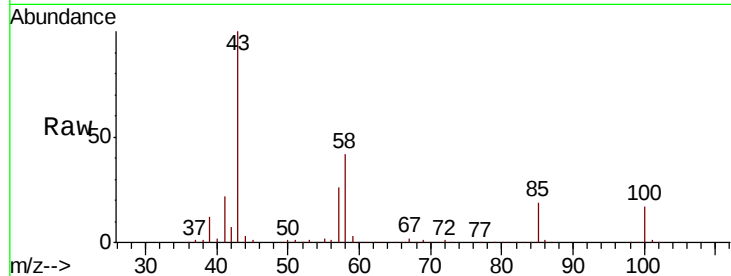
VN0727WBSD01

Tot Ion: 43 Resp: 620354

Ion Ratio Lower Upper

43 100

58 41.6 33.1 49.7



#52

Toluene

Concen: 20.389 ug/l

RT: 10.15 min Scan# 2604

Delta R.T. -0.00 min

Lab File: VN056953.D

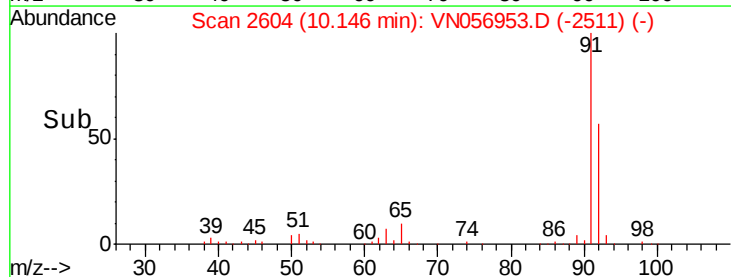
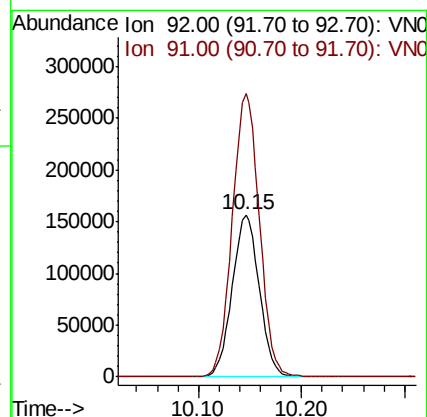
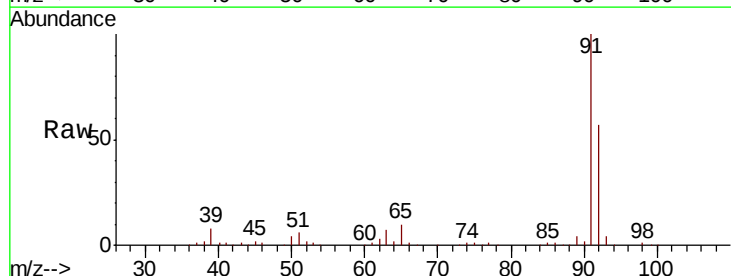
Acq: 26 Jul 2019 20:06

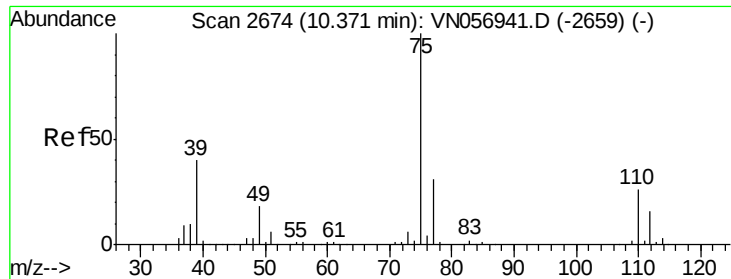
Tgt Ion: 92 Resp: 287097

Ion Ratio Lower Upper

92 100

91 174.7 138.0 207.0

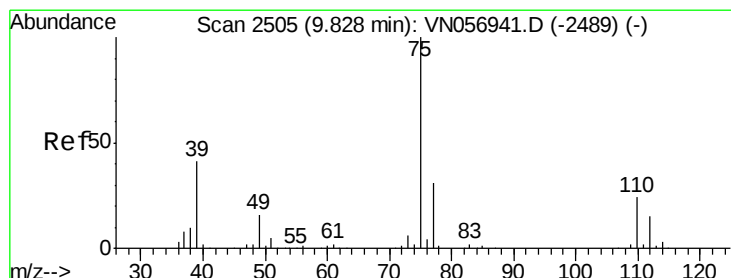
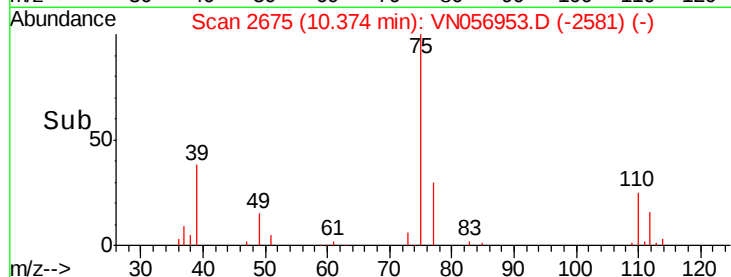
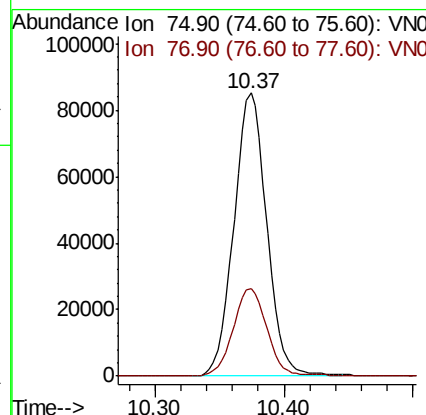
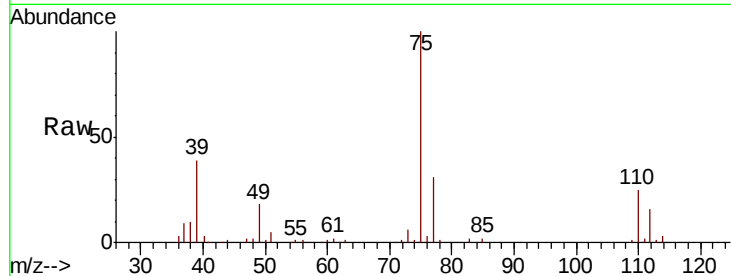




#53
 t-1,3-Dichloropropene
 Concen: 19.521 ug/l
 RT: 10.37 min Scan# 2675
 Delta R.T. 0.00 min
 Lab File: VN056953.D
 Acq: 26 Jul 2019 20:06

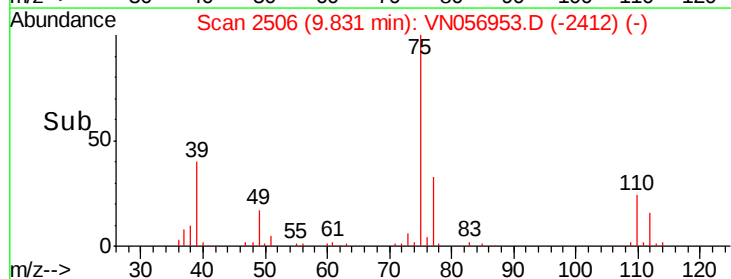
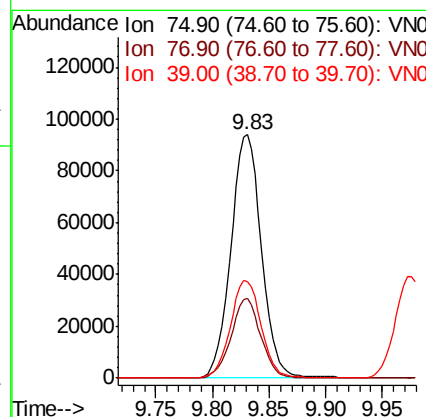
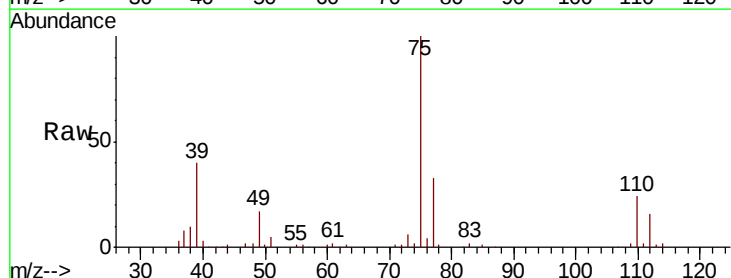
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727WBSD01

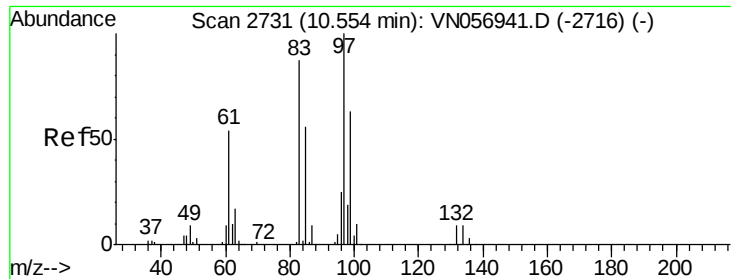
Tot Ion: 75 Resp: 150575
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 19.705 ug/l
 RT: 9.83 min Scan# 2506
 Delta R.T. 0.00 min
 Lab File: VN056953.D
 Acq: 26 Jul 2019 20:06

Tgt Ion: 75 Resp: 176719
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.0 37.6
 39 39.8 32.6 49.0

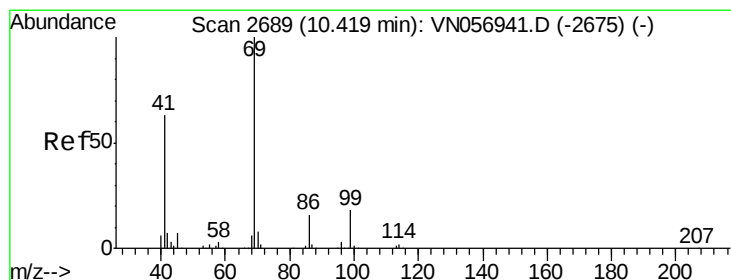
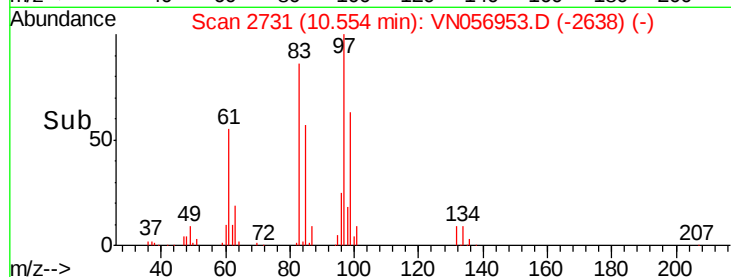
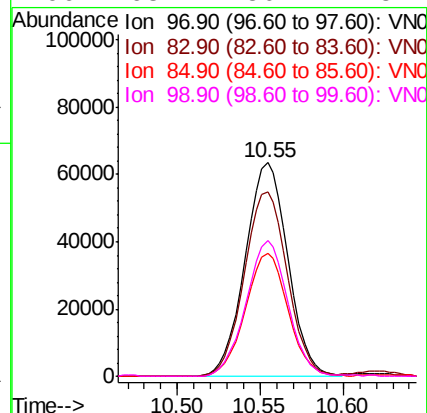
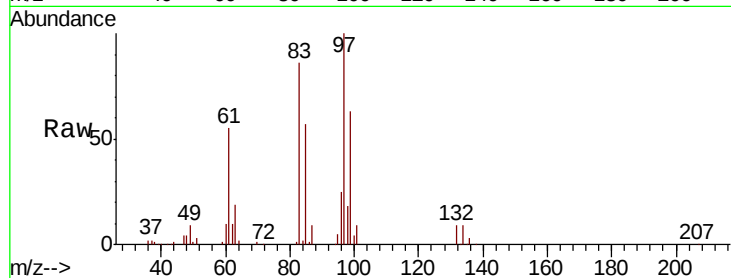




#55
 1,1,2-Trichloroethane
 Concen: 20.157 ug/l
 RT: 10.55 min Scan# 2731
 Delta R.T. -0.00 min
 Lab File: VN056953.D
 Acq: 26 Jul 2019 20:06

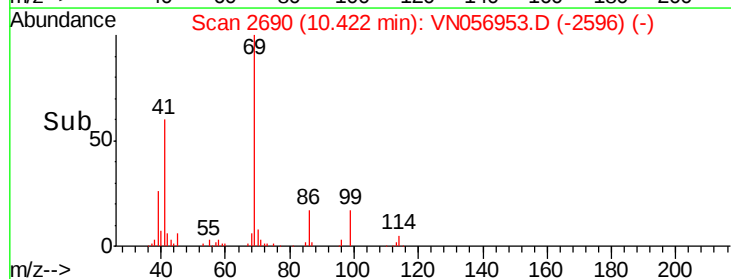
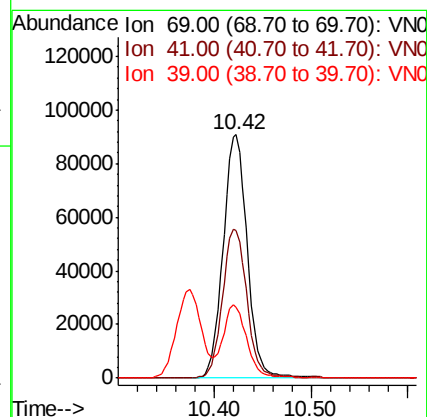
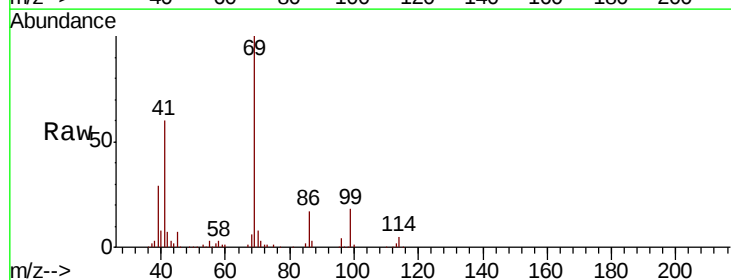
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727WBSD01

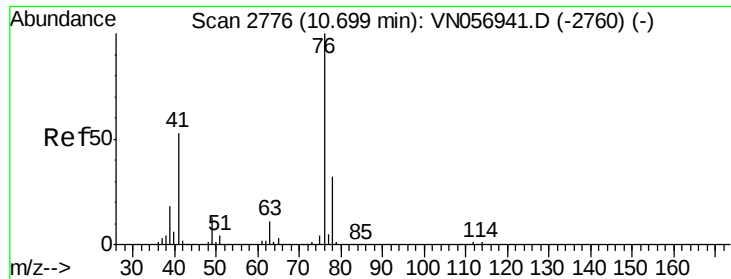
Tot Ion	97	Resp	113826
Ion	Ratio	Lower	Upper
97	100		
83	86.3	69.4	104.0
85	57.4	44.7	67.1
99	63.4	50.1	75.1



#56
 Ethyl methacrylate
 Concen: 19.535 ug/l
 RT: 10.42 min Scan# 2690
 Delta R.T. 0.00 min
 Lab File: VN056953.D
 Acq: 26 Jul 2019 20:06

Tgt Ion	69	Resp	157116
Ion	Ratio	Lower	Upper
69	100		
41	61.3	49.2	73.8
39	29.2	23.1	34.7





#57

1,3-Dichloropropane

Concen: 19.879 ug/l

RT: 10.70 min Scan# 2776

Delta R.T. -0.00 min

Lab File: VN056953.D

Acq: 26 Jul 2019 20:06

Instrument :

MSVOA_N

ClientSampleId :

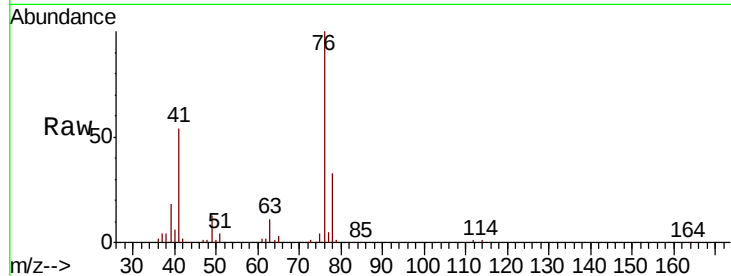
VN0727WBSD01

Tot Ion: 76 Resp: 186149

Ion Ratio Lower Upper

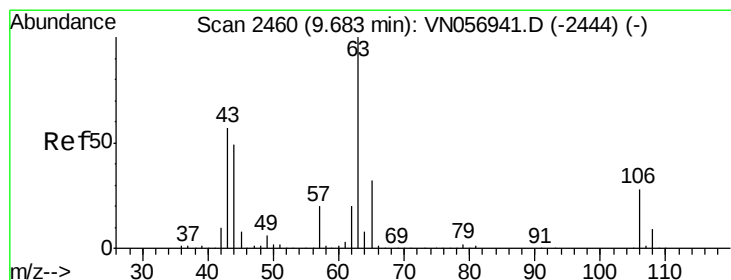
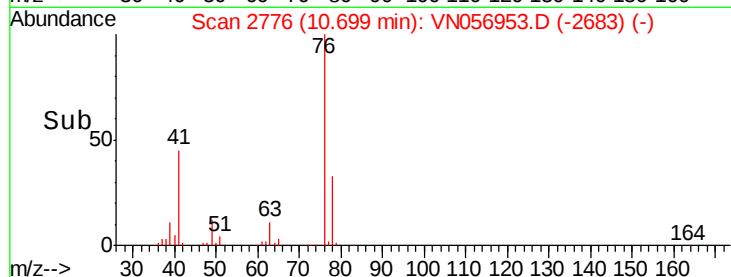
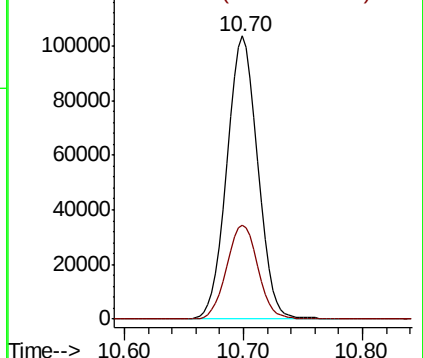
76 100

78 33.6 25.9 38.9



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 97.082 ug/l

RT: 9.69 min Scan# 2461

Delta R.T. 0.00 min

Lab File: VN056953.D

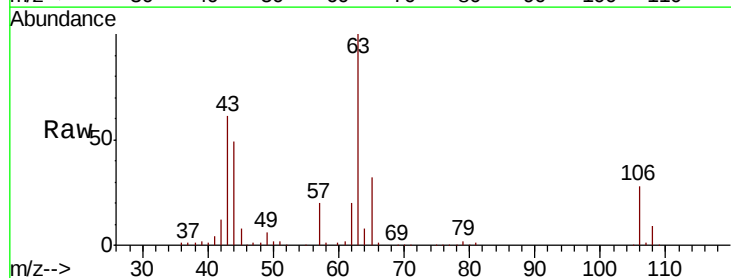
Acq: 26 Jul 2019 20:06

Tgt Ion: 63 Resp: 328521

Ion Ratio Lower Upper

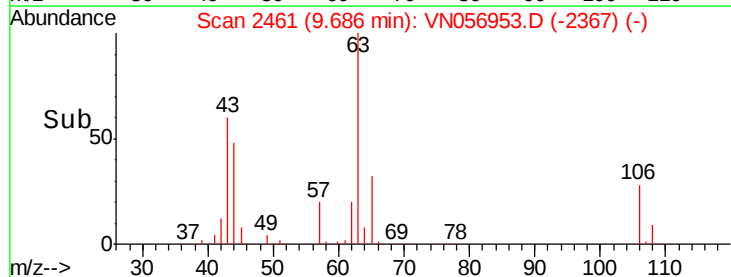
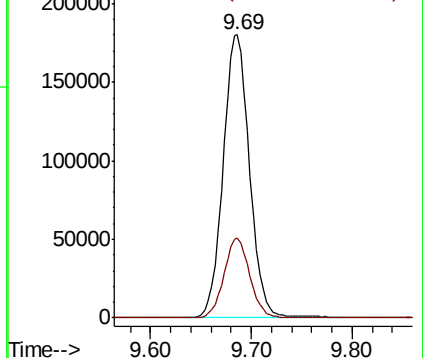
63 100

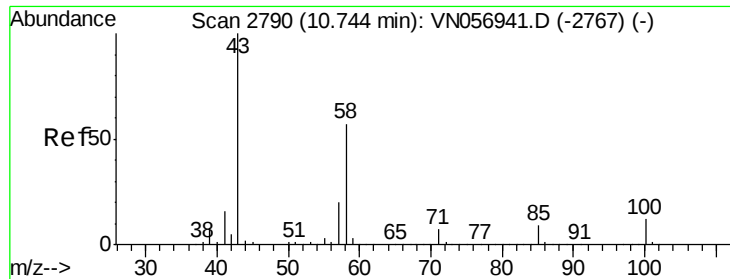
106 27.7 22.0 33.0



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V





#59

2-Hexanone

Concen: 92.944 ug/l

RT: 10.74 min Scan# 2790

Delta R.T. -0.00 min

Lab File: VN056953.D

Acq: 26 Jul 2019 20:06

Instrument :

MSVOA_N

ClientSampleId :

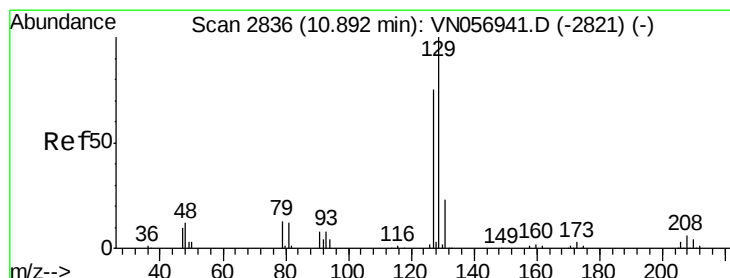
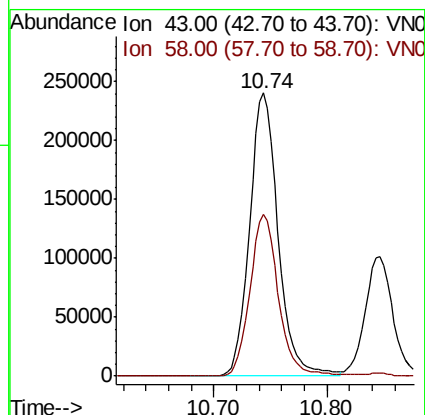
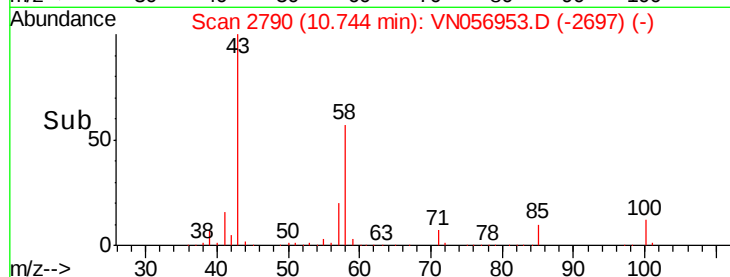
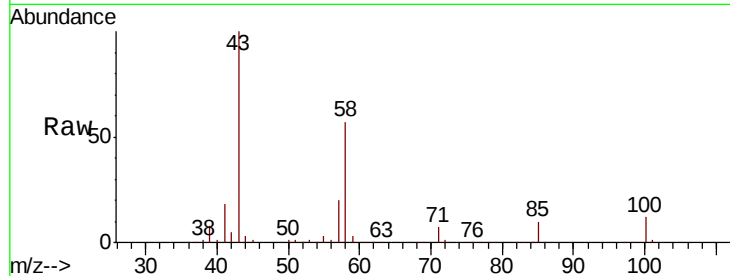
VN0727WBSD01

Tot Ion: 43 Resp: 421069

Ion Ratio Lower Upper

43 100

58 57.3 28.5 85.5



#60

Dibromochloromethane

Concen: 20.198 ug/l

RT: 10.89 min Scan# 2836

Delta R.T. -0.00 min

Lab File: VN056953.D

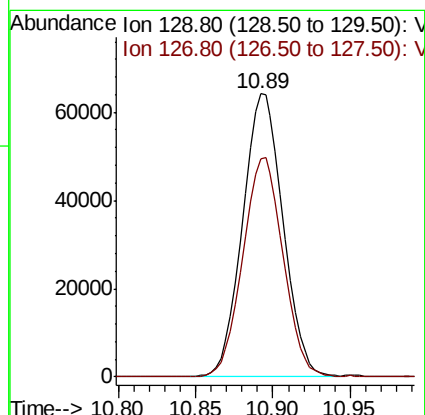
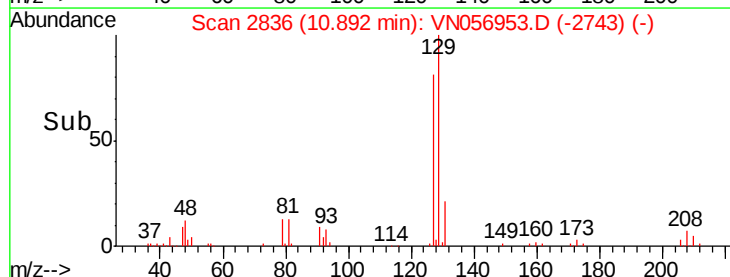
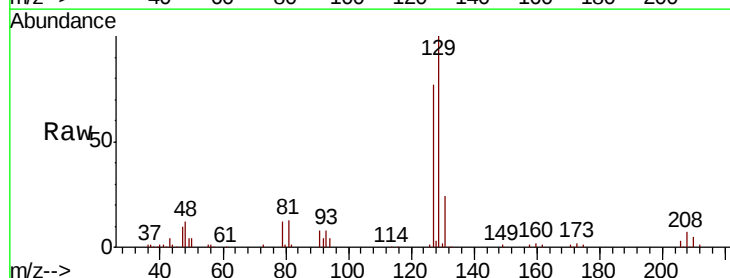
Acq: 26 Jul 2019 20:06

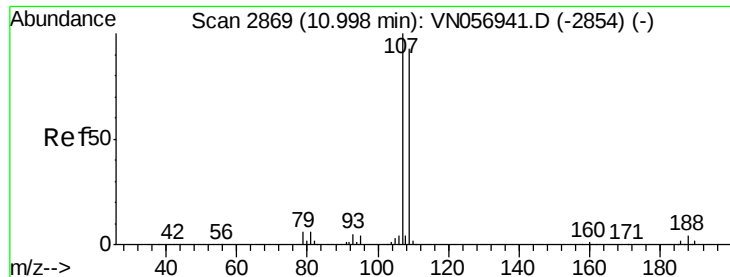
Tgt Ion: 129 Resp: 116852

Ion Ratio Lower Upper

129 100

127 77.1 38.0 113.9

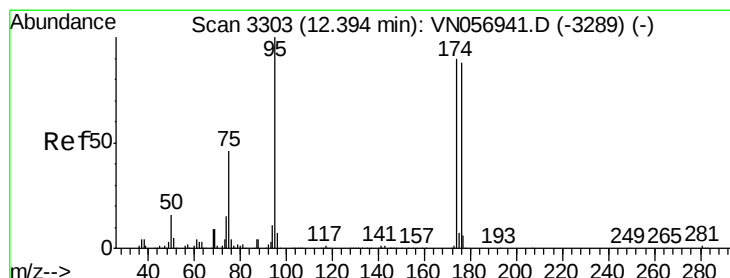
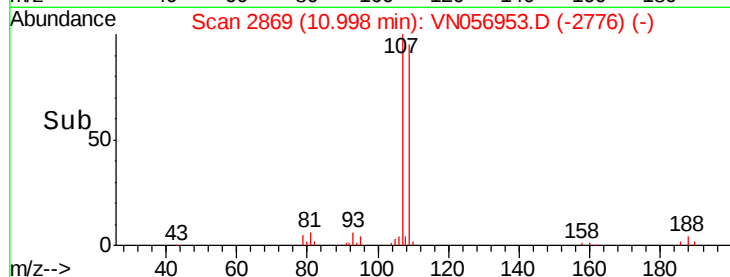
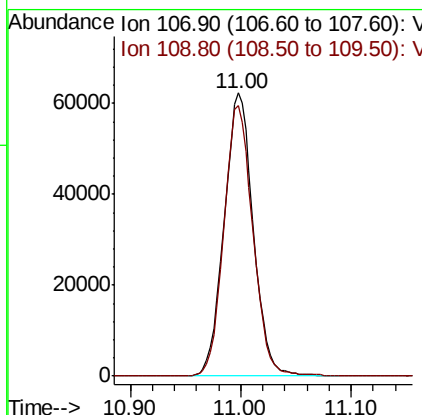
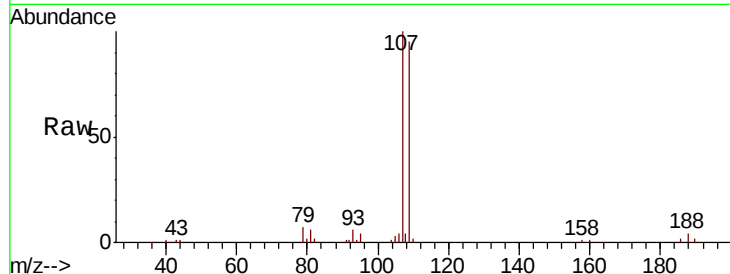




#61
 1,2-Dibromoethane
 Concen: 20.652 ug/l
 RT: 11.00 min Scan# 2869
 Delta R.T. -0.00 min
 Lab File: VN056953.D
 Acq: 26 Jul 2019 20:06

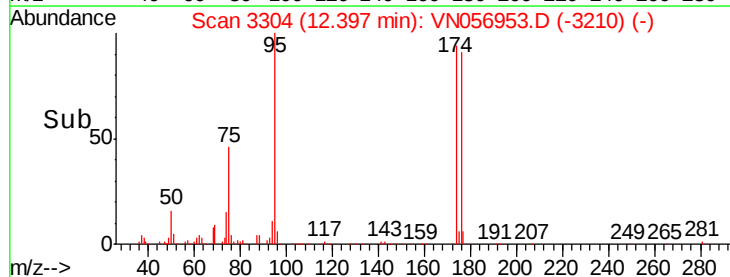
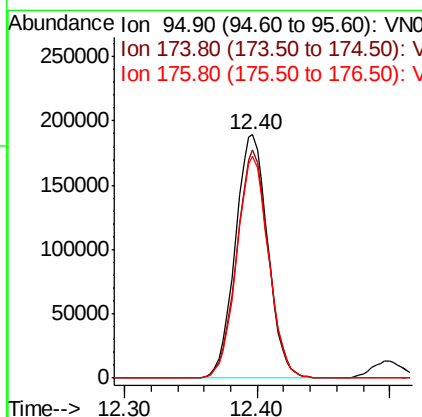
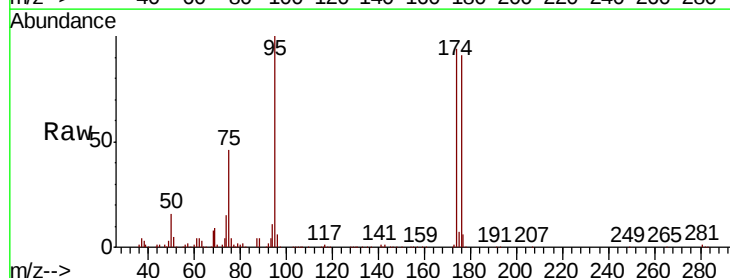
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727WBSD01

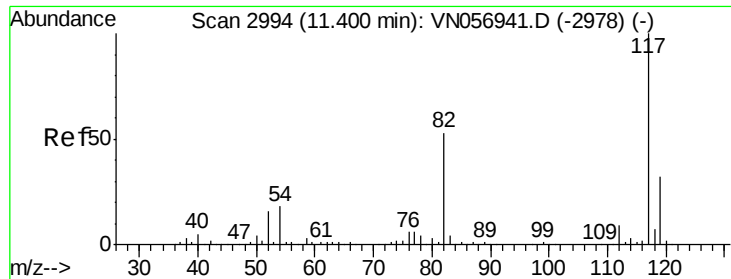
Tot Ion: 107 Resp: 113810
 Ion Ratio Lower Upper
 107 100
 109 95.3 76.0 114.0



#62
 4-Bromofluorobenzene
 Concen: 46.873 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.00 min
 Lab File: VN056953.D
 Acq: 26 Jul 2019 20:06

Tgt Ion: 95 Resp: 322137
 Ion Ratio Lower Upper
 95 100
 174 91.5 0.0 182.2
 176 89.3 0.0 179.4

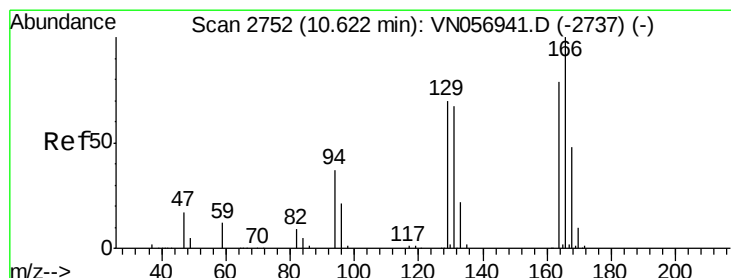
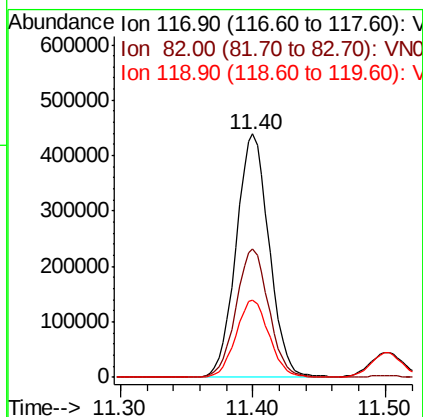
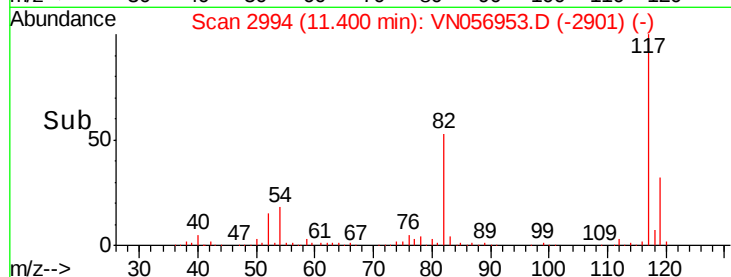
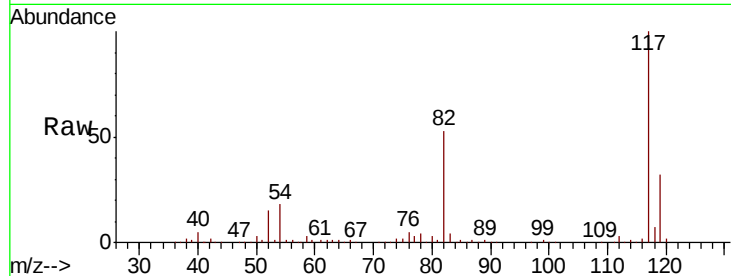




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN056953.D
Acq: 26 Jul 2019 20:06

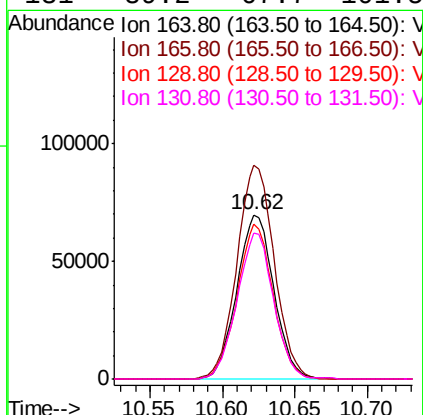
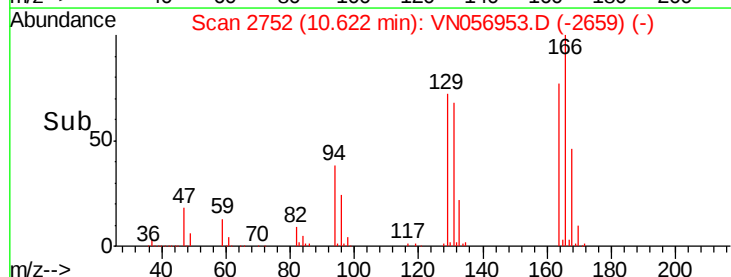
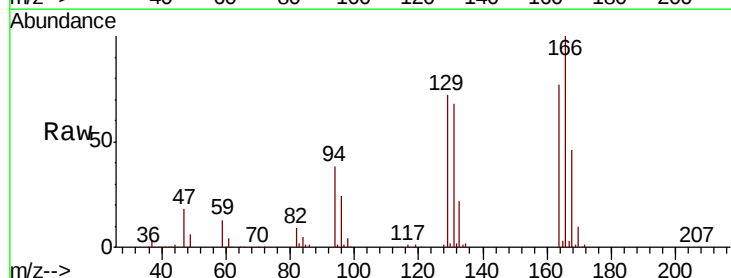
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBSD01

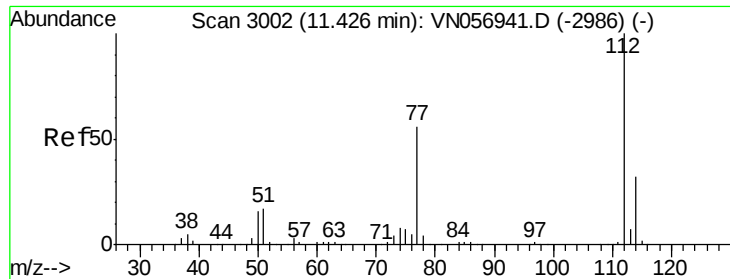
Tot Ion:117 Resp: 758900
Ion Ratio Lower Upper
117 100
82 52.8 42.2 63.4
119 31.8 25.8 38.6



#64
Tetrachloroethene
Concen: 19.022 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. -0.00 min
Lab File: VN056953.D
Acq: 26 Jul 2019 20:06

Tgt Ion:164 Resp: 124403
Ion Ratio Lower Upper
164 100
166 130.4 101.1 151.7
129 94.3 70.9 106.3
131 89.2 67.7 101.5





#65

Chlorobenzene

Concen: 19.619 ug/l

RT: 11.43 min Scan# 3002

Delta R.T. -0.00 min

Lab File: VN056953.D

Acq: 26 Jul 2019 20:06

Instrument :

MSVOA_N

ClientSampleId :

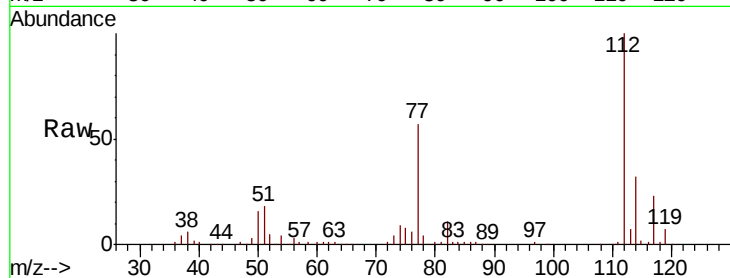
VN0727WBSD01

Tot Ion:112 Resp: 303450

Ion Ratio Lower Upper

112 100

114 32.3 26.0 39.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.43

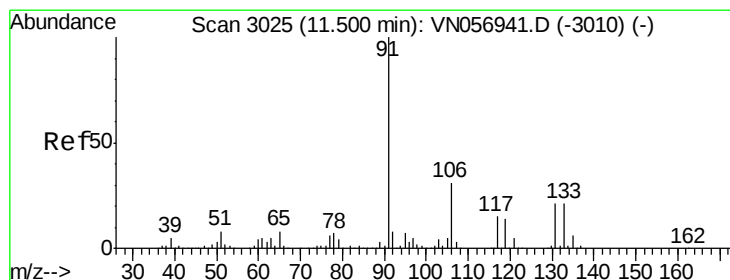
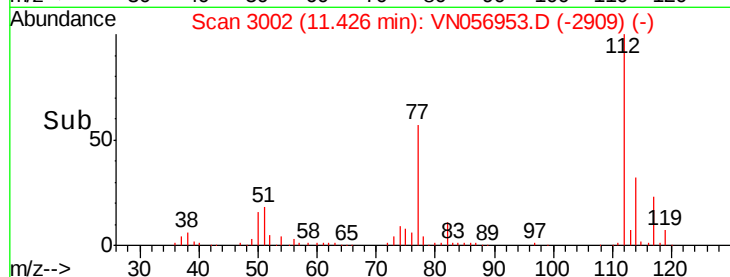
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 19.994 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. 0.00 min

Lab File: VN056953.D

Acq: 26 Jul 2019 20:06

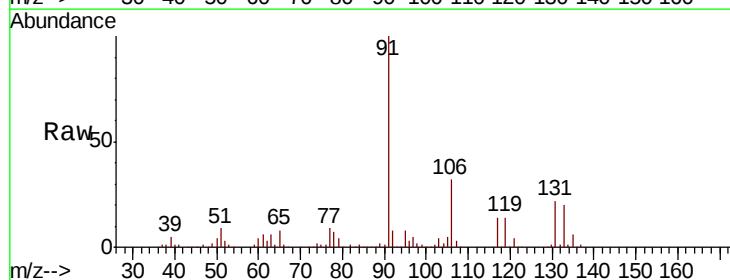
Tgt Ion:131 Resp: 116401

Ion Ratio Lower Upper

131 100

133 94.4 48.0 144.0

119 65.5 33.2 99.6



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

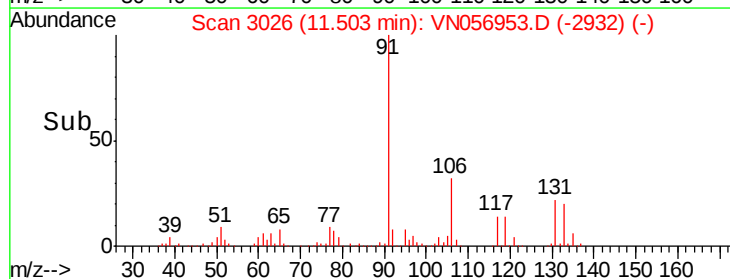
150000

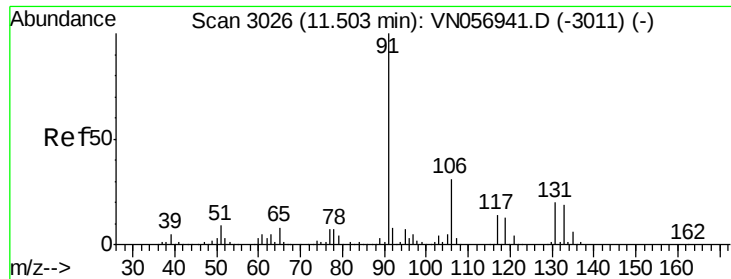
100000

50000

0

Time-->

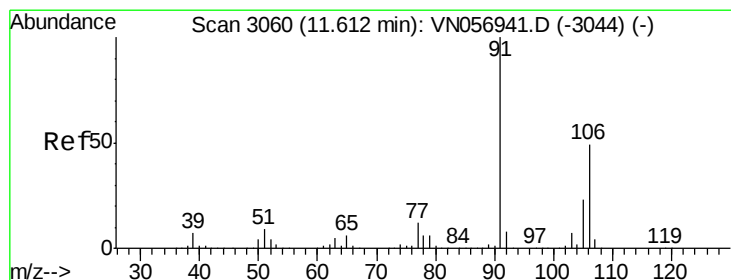
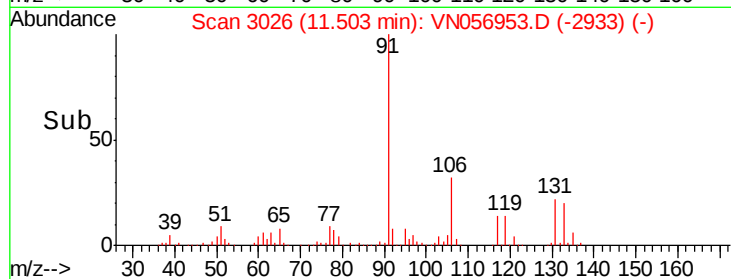
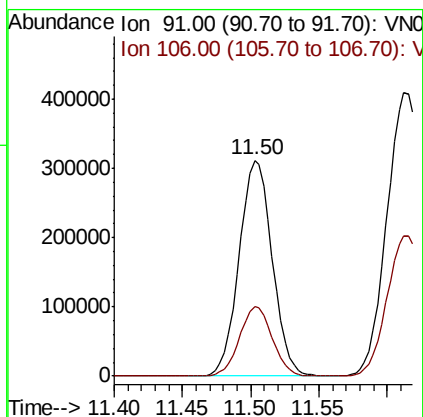
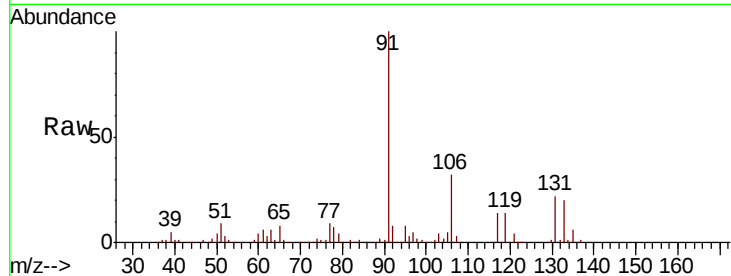




#67
Ethyl Benzene
Concen: 19.629 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. -0.00 min
Lab File: VN056953.D
Acq: 26 Jul 2019 20:06

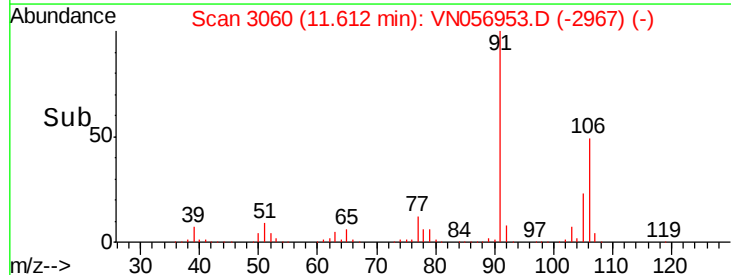
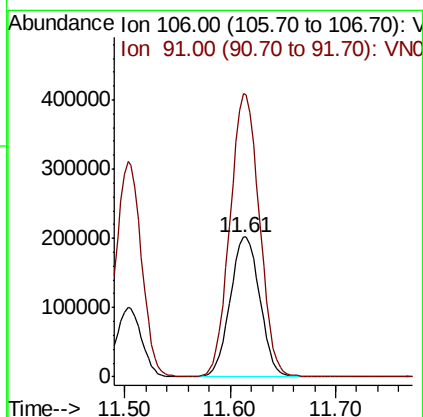
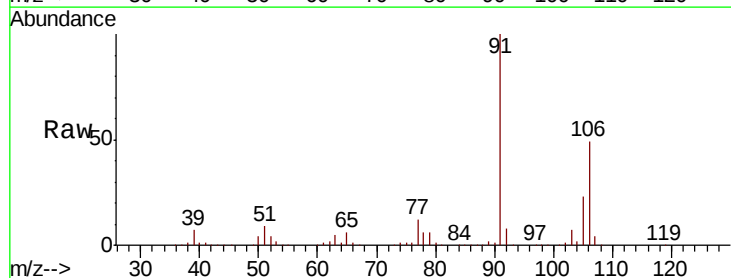
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBSD01

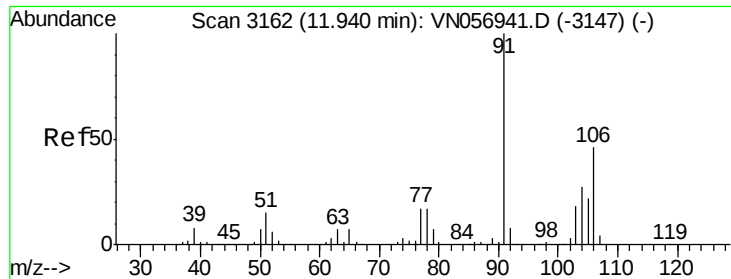
Tot Ion: 91 Resp: 524734
Ion Ratio Lower Upper
91 100
106 32.2 25.1 37.7



#68
m/p-Xylenes
Concen: 39.825 ug/l
RT: 11.61 min Scan# 3060
Delta R.T. -0.00 min
Lab File: VN056953.D
Acq: 26 Jul 2019 20:06

Tgt Ion: 106 Resp: 392906
Ion Ratio Lower Upper
106 100
91 200.7 160.0 240.0

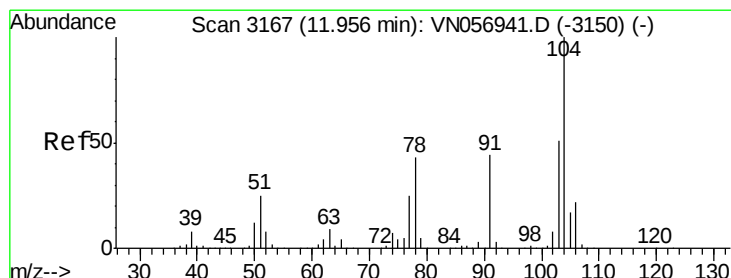
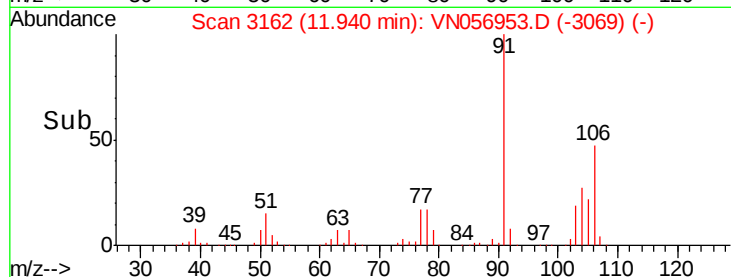
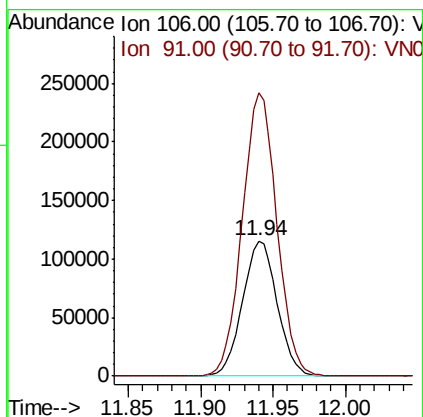
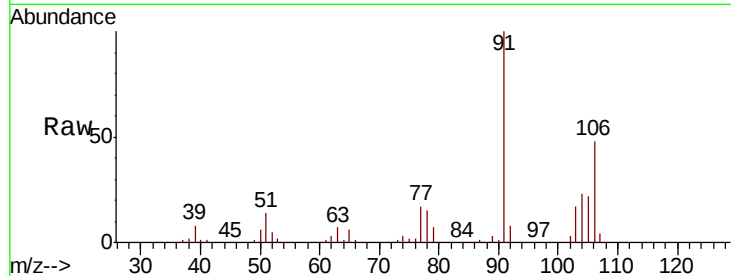




#69
o-Xylene
Concen: 19.906 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN056953.D
Acq: 26 Jul 2019 20:06

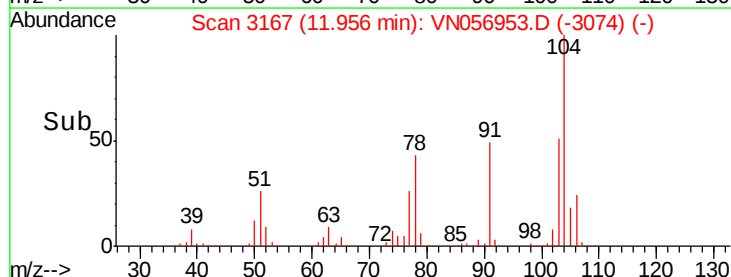
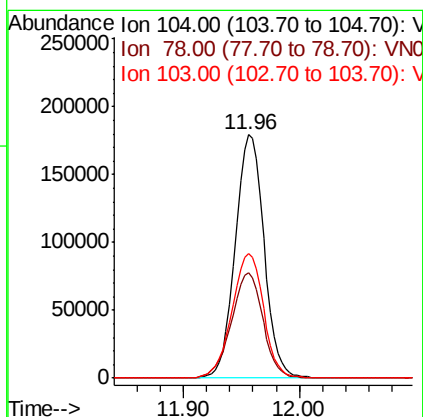
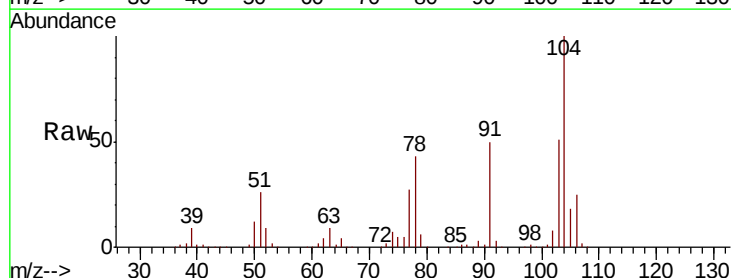
Instrument :
MSVOA_N
ClientSampled :
VN0727WBSD01

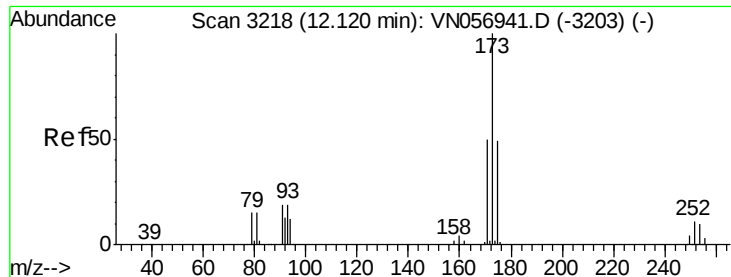
Tot Ion:106 Resp: 192138
Ion Ratio Lower Upper
106 100
91 209.0 106.2 318.6



#70
Styrene
Concen: 19.324 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN056953.D
Acq: 26 Jul 2019 20:06

Tgt Ion:104 Resp: 309385
Ion Ratio Lower Upper
104 100
78 47.5 38.1 57.1
103 56.0 44.3 66.5





#71

Bromoform

Concen: 19.808 ug/l

RT: 12.12 min Scan# 3218

Delta R.T. -0.00 min

Lab File: VN056953.D

Acq: 26 Jul 2019 20:06

Instrument :

MSVOA_N

ClientSampleId :

VN0727WBSD01

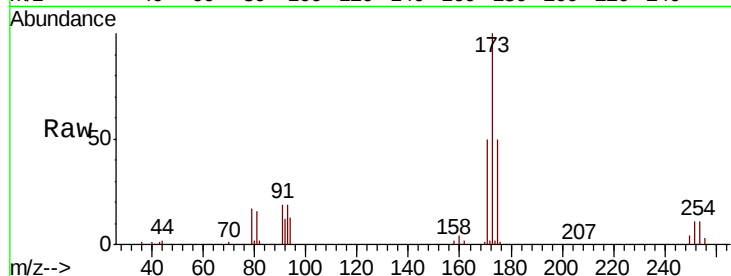
Tot Ion:173 Resp: 80511

Ion Ratio Lower Upper

173 100

175 49.1 24.1 72.4

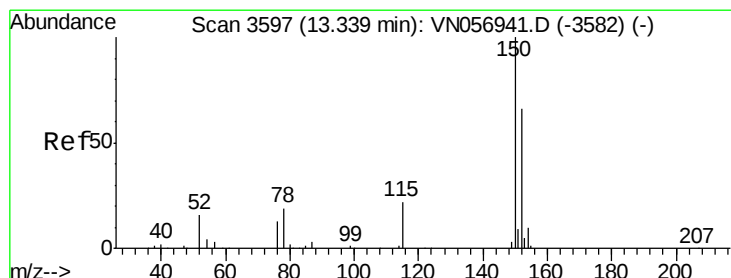
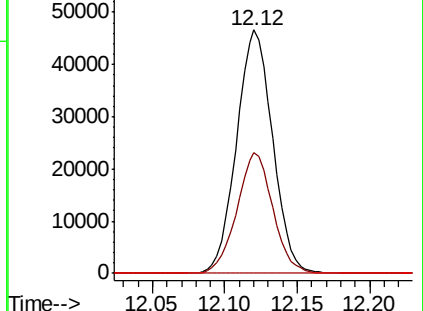
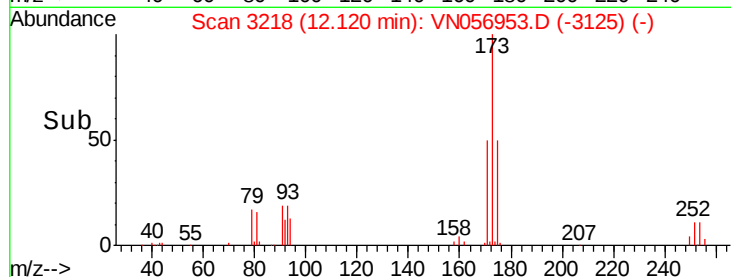
254 0.0 0.1 0.1#



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: VN056953.D

Acq: 26 Jul 2019 20:06

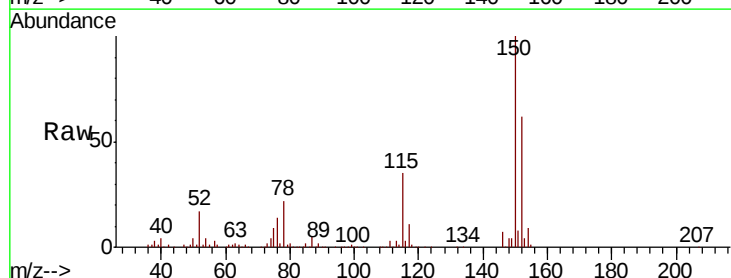
Tgt Ion:152 Resp: 290544

Ion Ratio Lower Upper

152 100

115 55.5 28.2 84.6

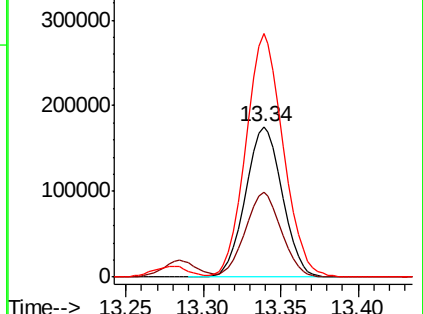
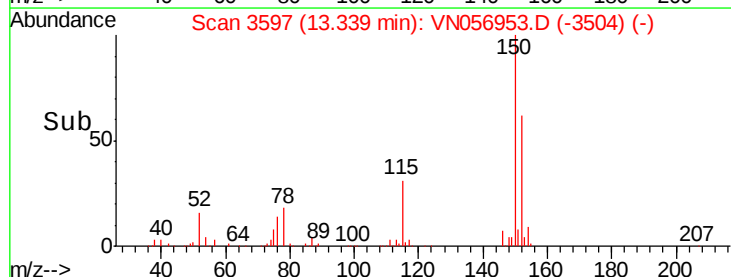
150 164.6 0.0 349.4

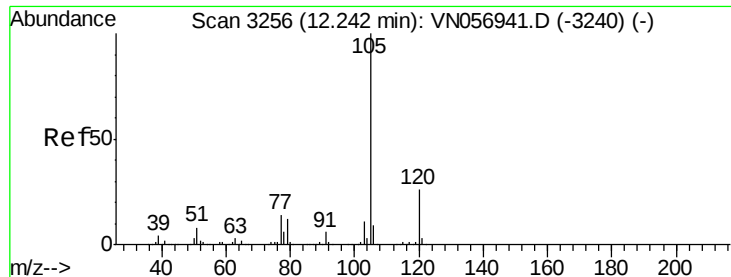


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.338 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. -0.00 min

Lab File: VN056953.D

Acq: 26 Jul 2019 20:06

Instrument :

MSVOA_N

ClientSampleId :

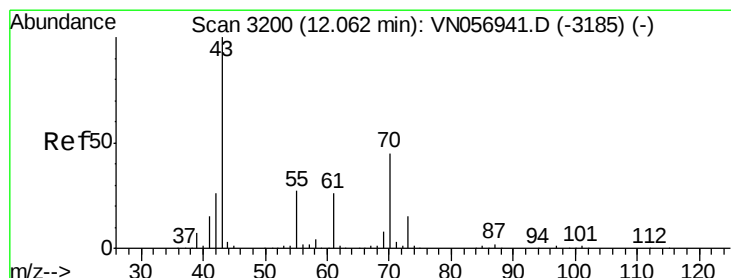
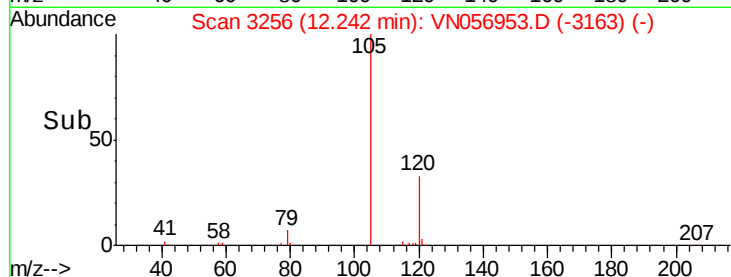
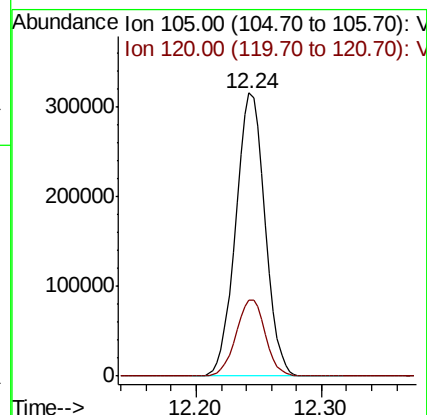
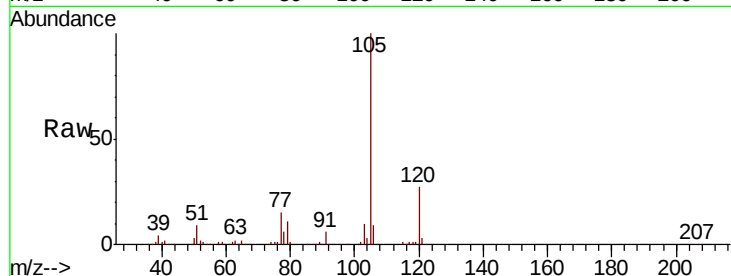
VN0727WBSD01

Tot Ion:105 Resp: 510693

Ion Ratio Lower Upper

105 100

120 27.0 13.5 40.5



#74

N-ethyl acetate

Concen: 20.075 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. -0.00 min

Lab File: VN056953.D

Acq: 26 Jul 2019 20:06

Tgt Ion: 43 Resp: 146365

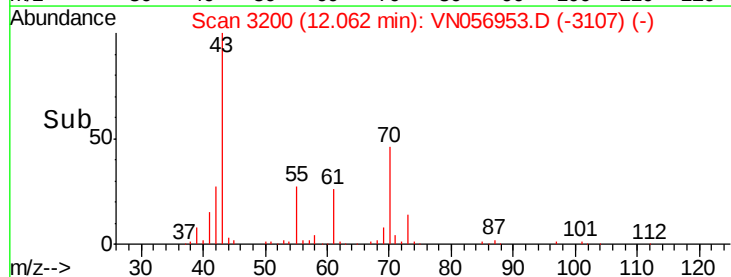
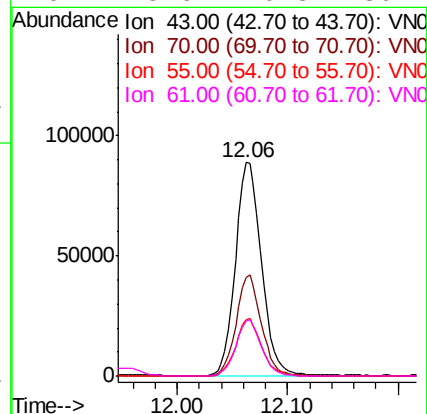
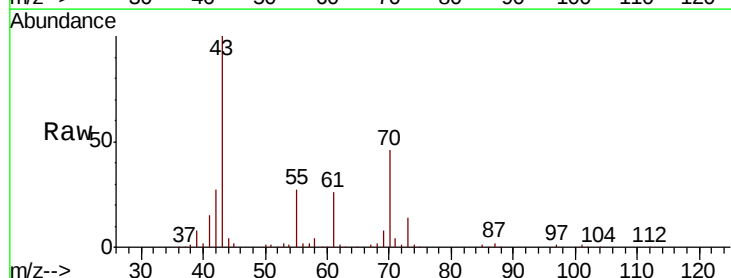
Ion Ratio Lower Upper

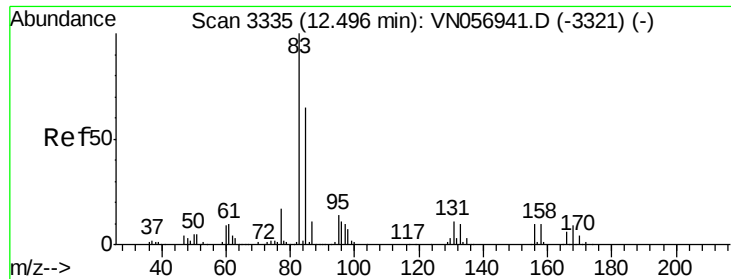
43 100

70 45.4 36.5 54.7

55 26.4 21.4 32.0

61 25.6 20.5 30.7





#75

1,1,2,2-Tetrachloroethane

Concen: 22.253 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN056953.D

Acq: 26 Jul 2019 20:06

Instrument :

MSVOA_N

ClientSampleId :

VN0727WBSD01

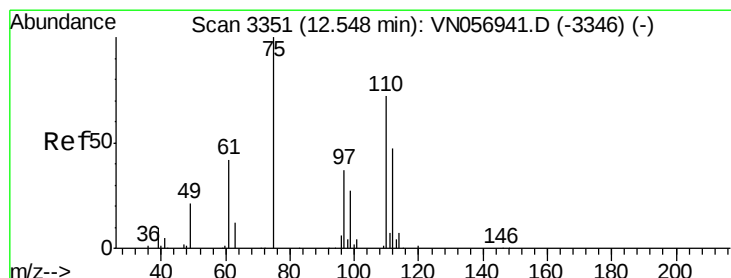
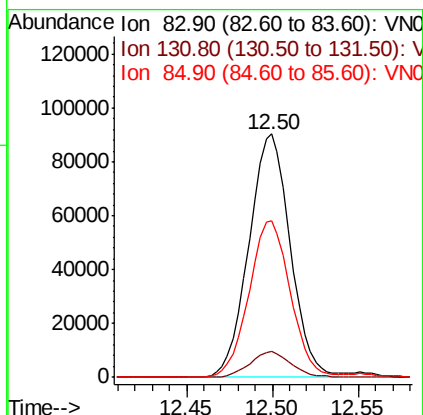
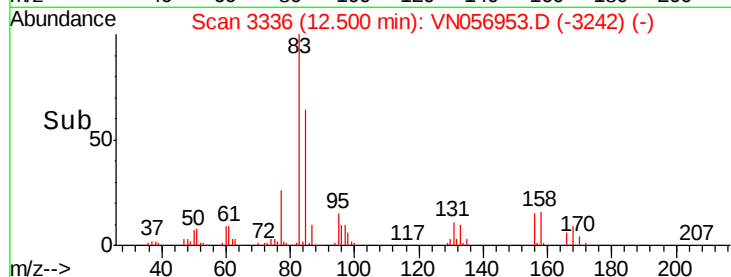
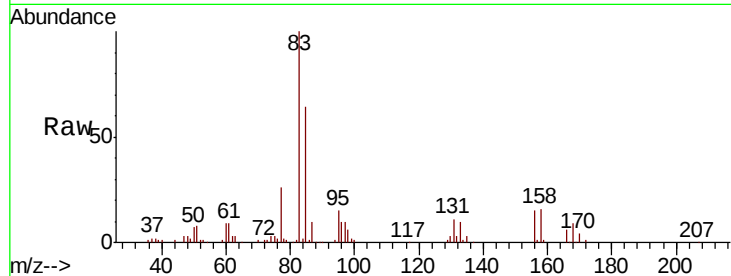
Tot Ion: 83 Resp: 150231

Ion Ratio Lower Upper

83 100

131 10.7 5.3 16.1

85 64.6 32.5 97.4



#76

1,2,3-Trichloropropane

Concen: 28.990 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. -0.00 min

Lab File: VN056953.D

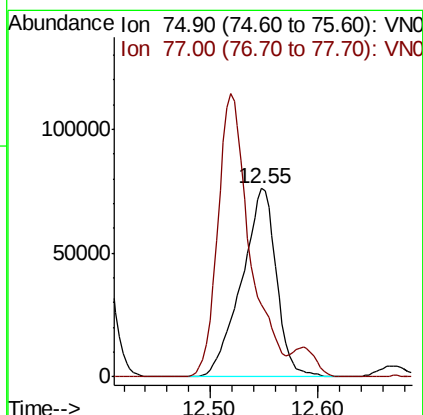
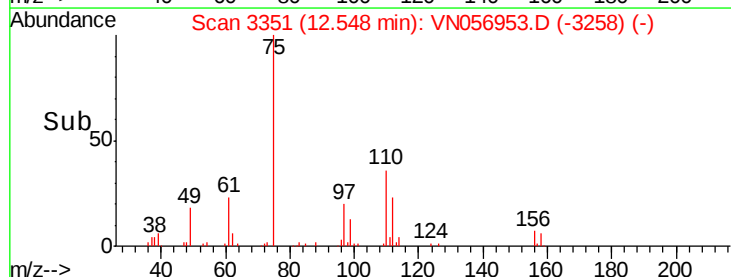
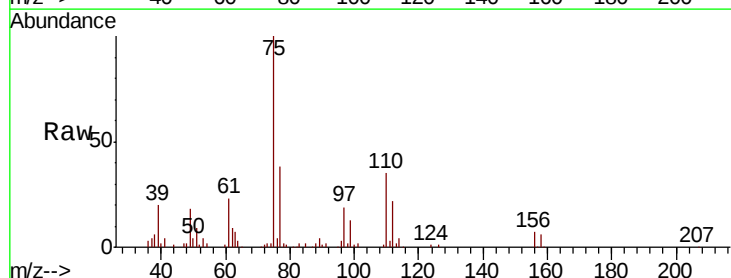
Acq: 26 Jul 2019 20:06

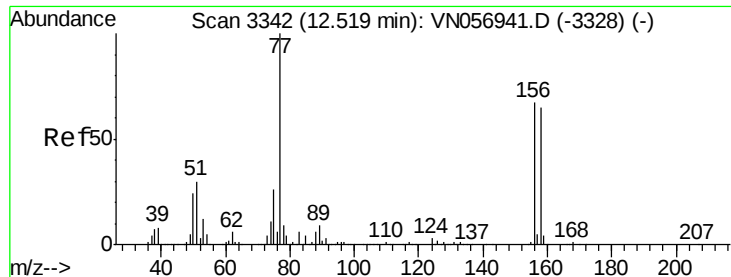
Tgt Ion: 75 Resp: 171056

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.061 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. -0.00 min

Lab File: VN056953.D

Acq: 26 Jul 2019 20:06

Instrument :

MSVOA_N

ClientSampleId :

VN0727WBSD01

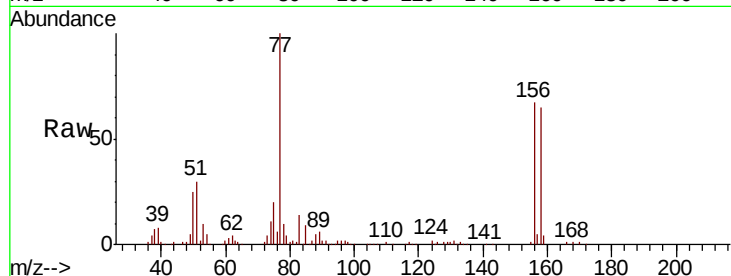
Tot Ion:156 Resp: 131473

Ion Ratio Lower Upper

156 100

77 179.5 89.5 268.5

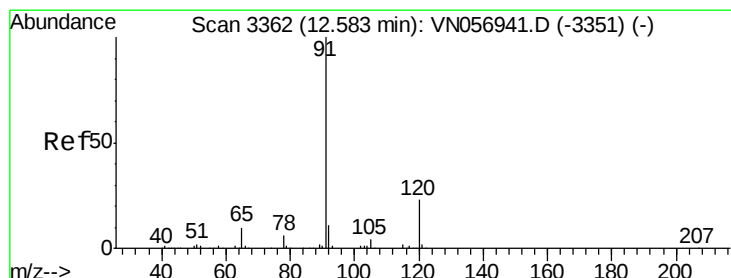
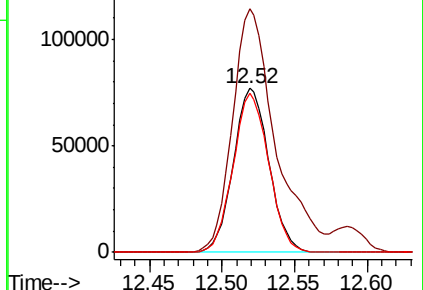
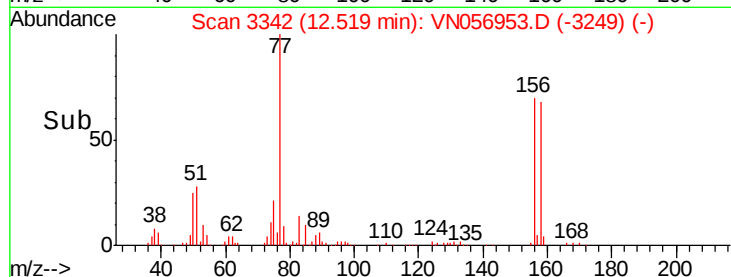
158 97.1 48.4 145.3



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: 20.233 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN056953.D

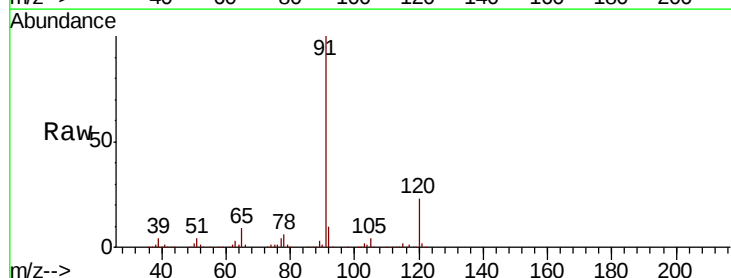
Acq: 26 Jul 2019 20:06

Tgt Ion: 91 Resp: 542467

Ion Ratio Lower Upper

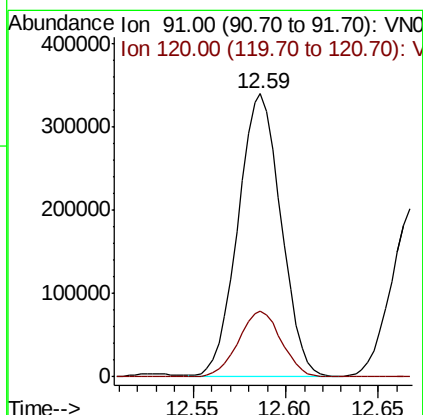
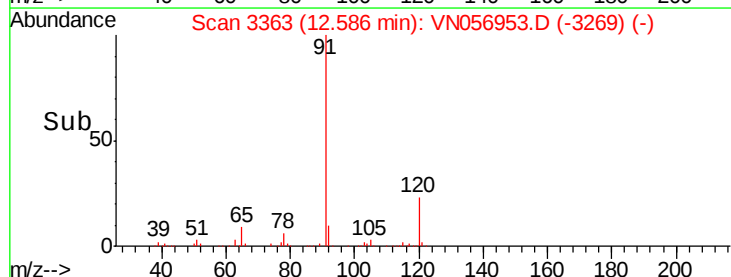
91 100

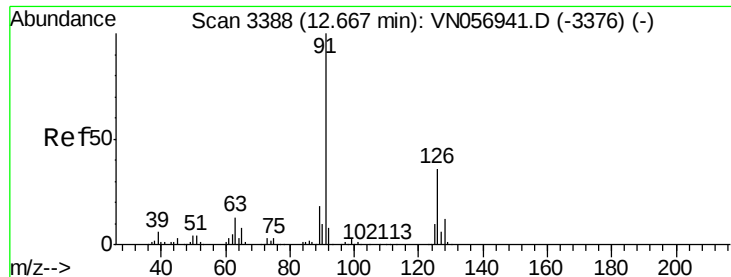
120 23.3 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.976 ug/l

RT: 12.67 min Scan# 3388

Delta R.T. -0.00 min

Lab File: VN056953.D

Acq: 26 Jul 2019 20:06

Instrument :

MSVOA_N

ClientSampleId :

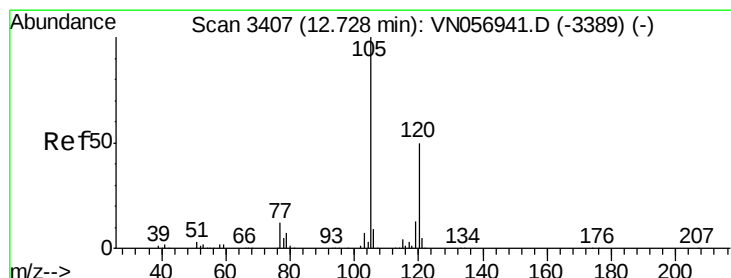
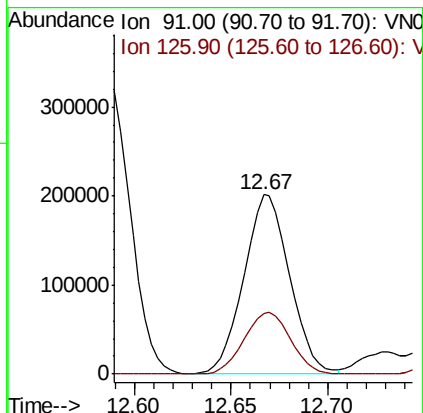
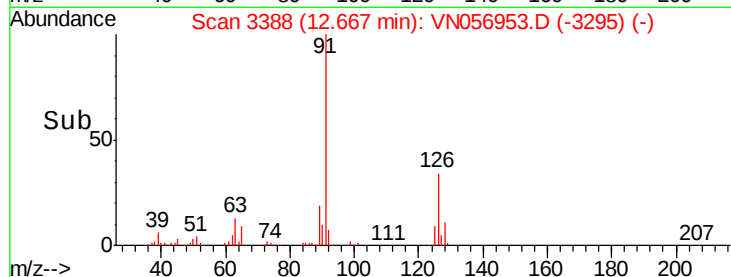
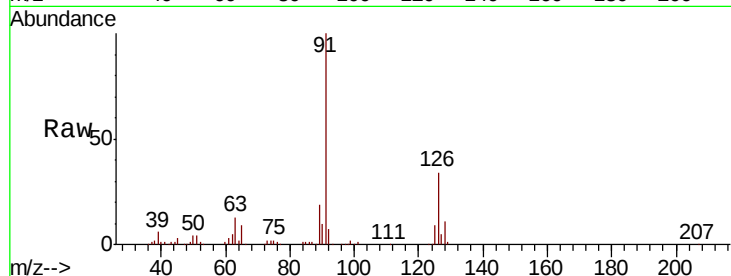
VN0727WBSD01

Tot Ion: 91 Resp: 329777

Ion Ratio Lower Upper

91 100

126 35.5 17.9 53.7



#80

1,3,5-Trimethylbenzene

Concen: 20.313 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. -0.00 min

Lab File: VN056953.D

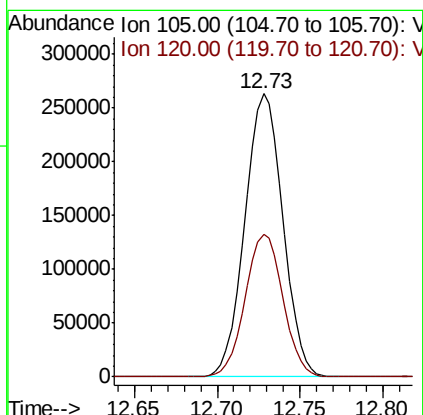
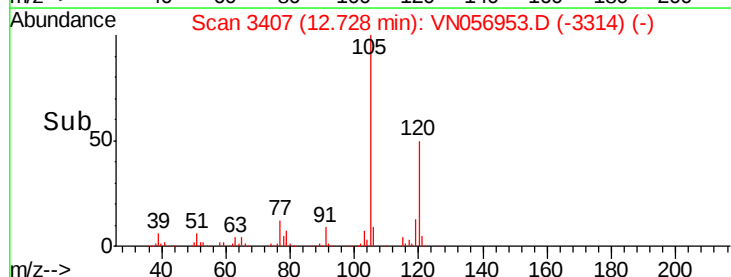
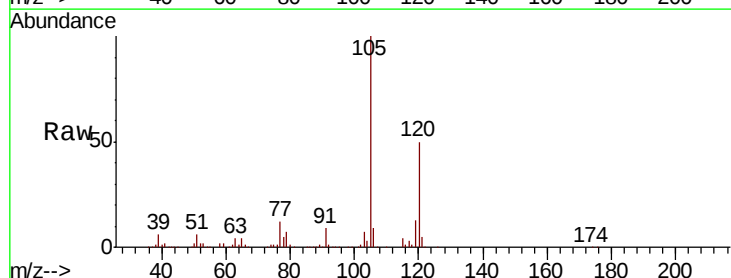
Acq: 26 Jul 2019 20:06

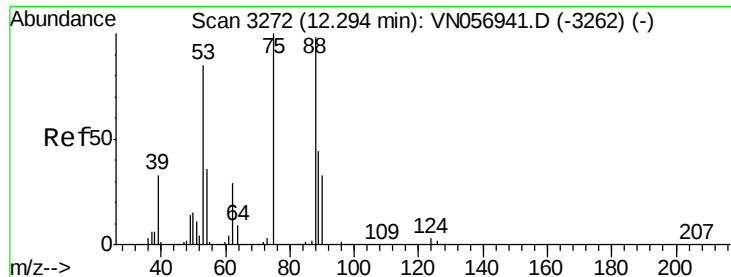
Tgt Ion:105 Resp: 418630

Ion Ratio Lower Upper

105 100

120 50.3 24.8 74.3





#81

trans-1,4-Dichloro-2-butene

Concen: 18.899 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. 0.00 min

Lab File: VN056953.D

Acq: 26 Jul 2019 20:06

Instrument :

MSVOA_N

ClientSampleId :

VN0727WBSD01

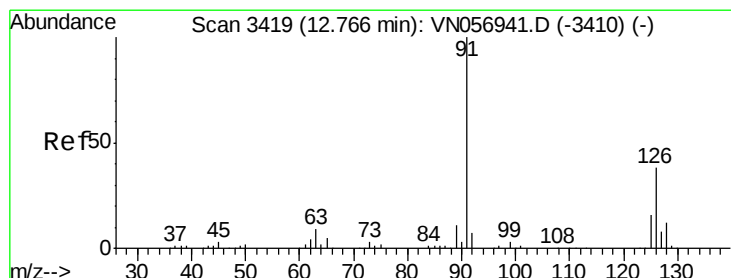
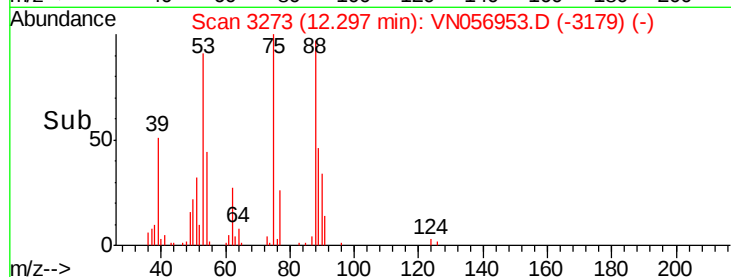
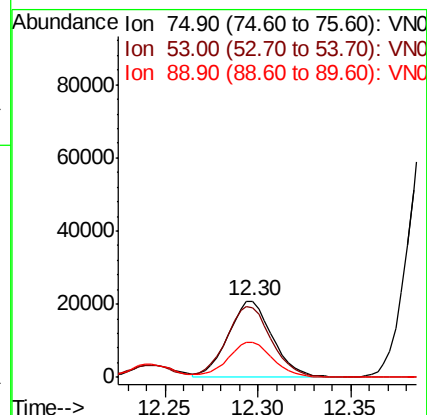
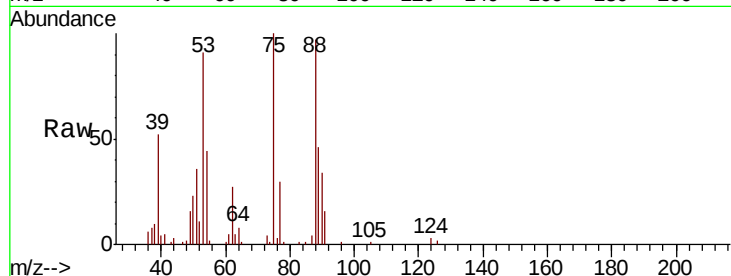
Tot Ion: 75 Resp: 34707

Ion Ratio Lower Upper

75 100

53 93.8 69.3 103.9

89 46.7 35.8 53.6



#82

4-Chlorotoluene

Concen: 20.162 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. 0.00 min

Lab File: VN056953.D

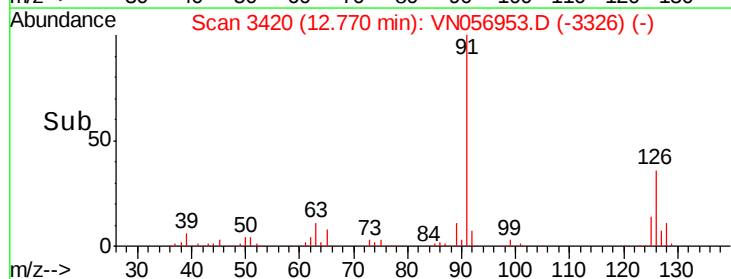
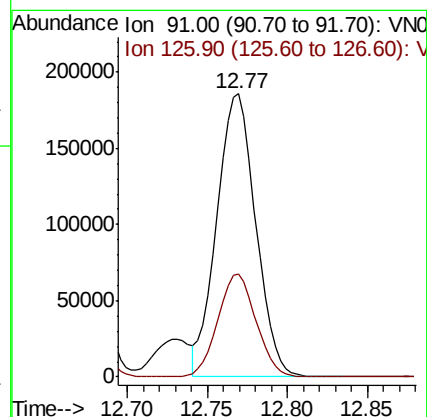
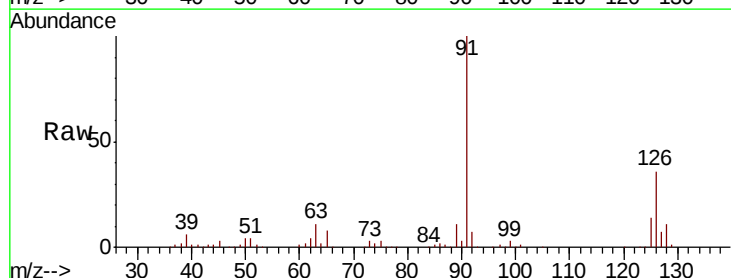
Acq: 26 Jul 2019 20:06

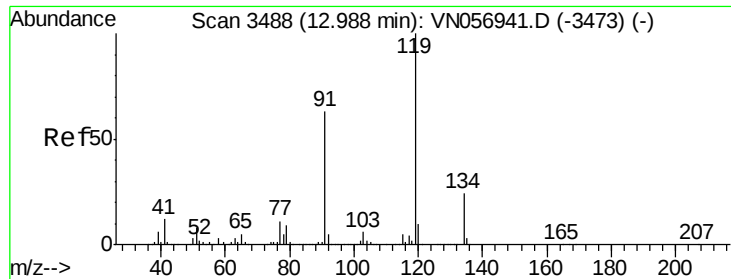
Tgt Ion: 91 Resp: 311488

Ion Ratio Lower Upper

91 100

126 35.7 17.5 52.5

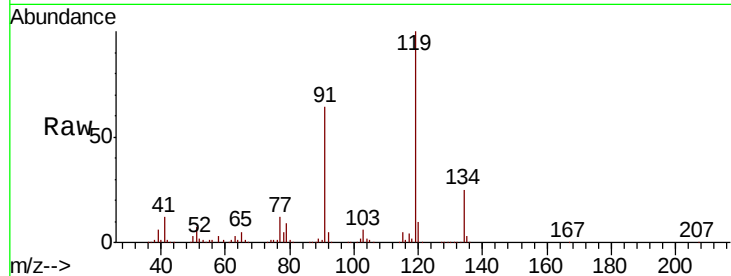




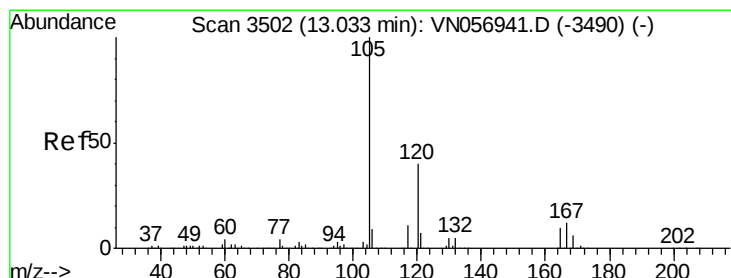
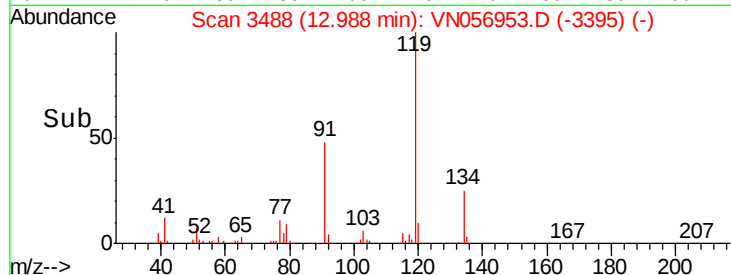
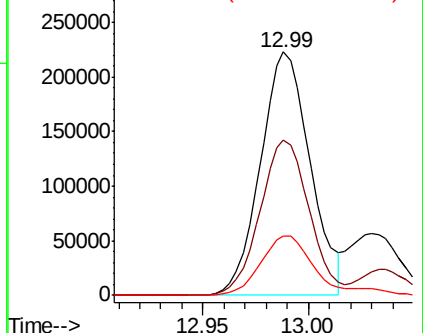
#83
 tert-Butylbenzene
 Concen: 20.048 ug/l
 RT: 12.99 min Scan# 3488
 Delta R.T. -0.00 min
 Lab File: VN056953.D
 Acq: 26 Jul 2019 20:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727WBSD01

Tot Ion:119 Resp: 365756
 Ion Ratio Lower Upper
 119 100
 91 63.0 31.3 93.8
 134 27.0 13.3 39.8

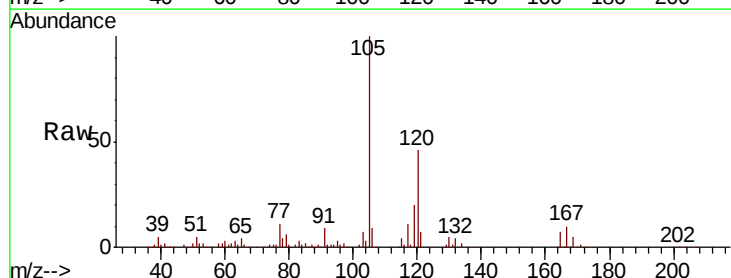


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

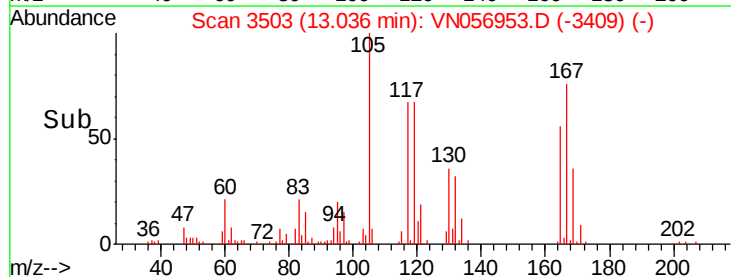
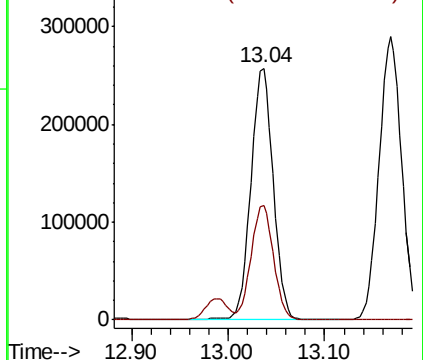


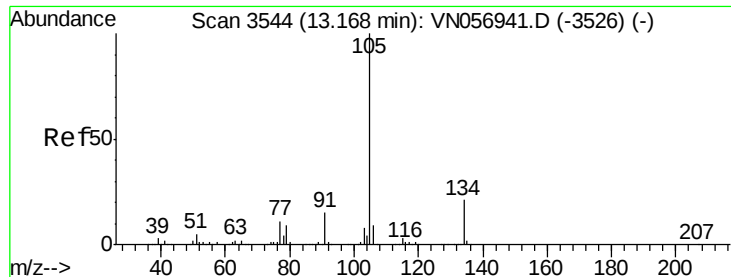
#84
 1,2,4-Trimethylbenzene
 Concen: 20.838 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. 0.00 min
 Lab File: VN056953.D
 Acq: 26 Jul 2019 20:06

Tgt Ion:105 Resp: 413214
 Ion Ratio Lower Upper
 105 100
 120 45.7 23.2 69.6



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

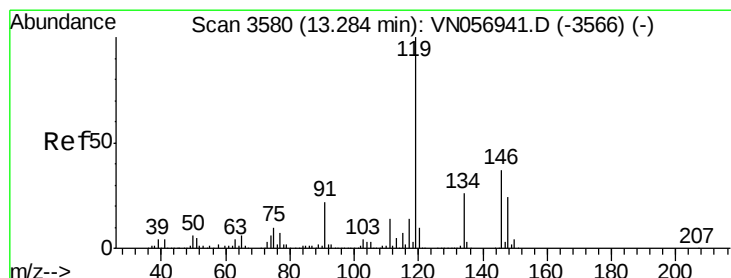
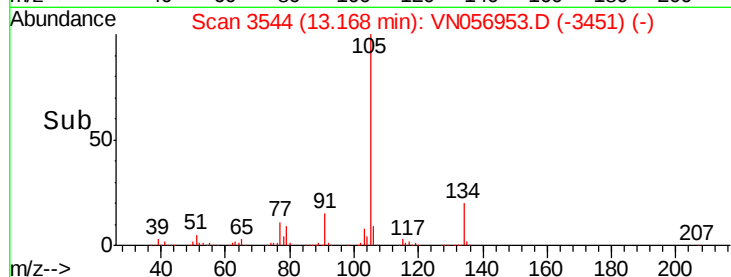
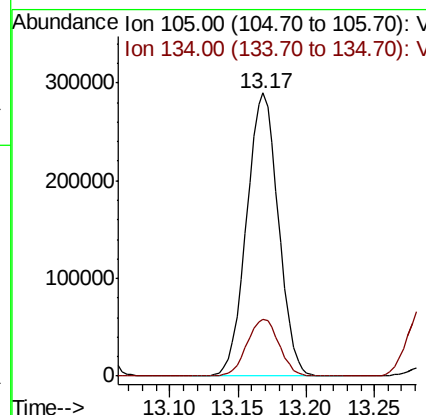
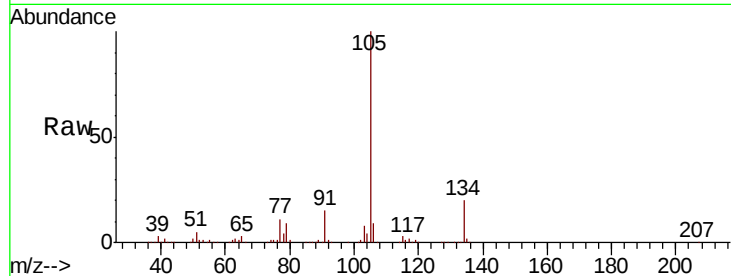




#85
 sec-Butylbenzene
 Concen: 19.854 ug/l
 RT: 13.17 min Scan# 3544
 Delta R.T. -0.00 min
 Lab File: VN056953.D
 Acq: 26 Jul 2019 20:06

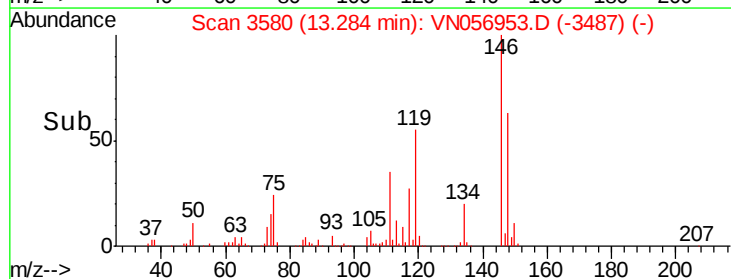
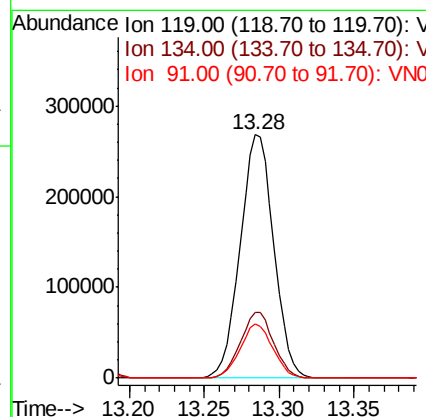
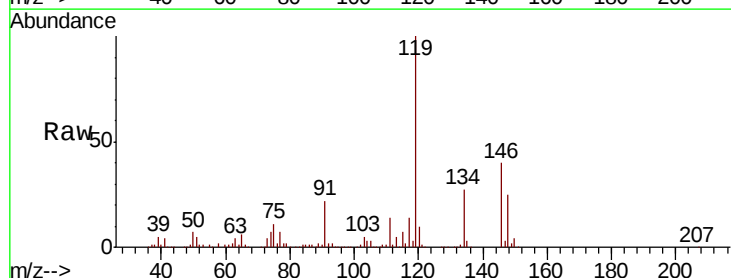
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727WBSD01

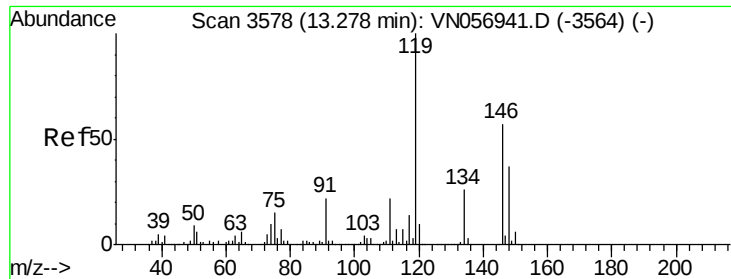
Tot Ion:105 Resp: 467209
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 19.937 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. -0.00 min
 Lab File: VN056953.D
 Acq: 26 Jul 2019 20:06

Tgt Ion:119 Resp: 416540
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.4 40.1
 91 21.9 11.0 33.0

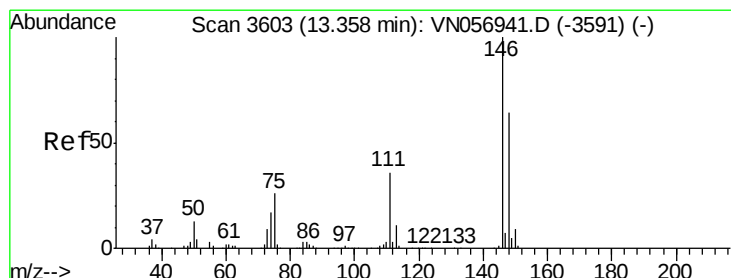
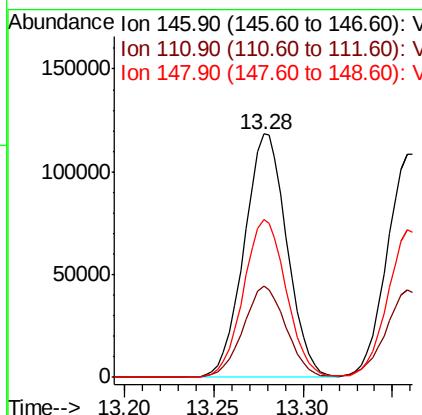
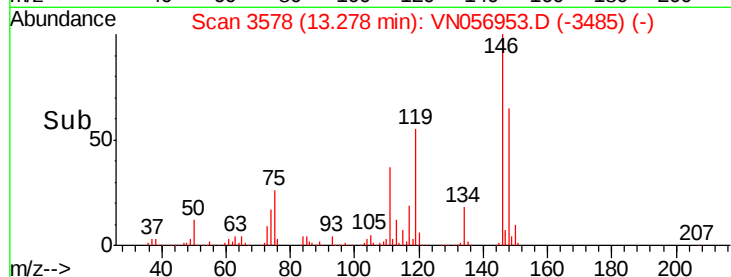
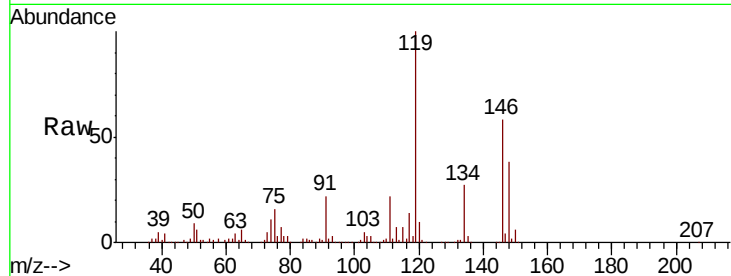




#87
 1,3-Dichlorobenzene
 Concen: 19.936 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. -0.00 min
 Lab File: VN056953.D
 Acq: 26 Jul 2019 20:06

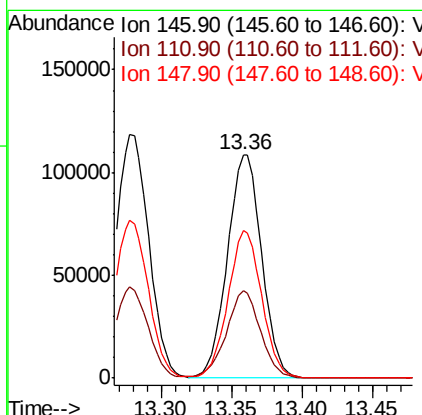
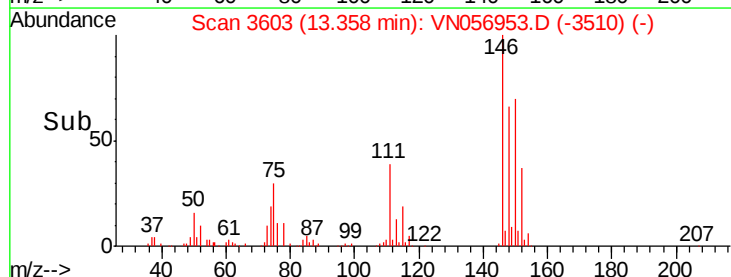
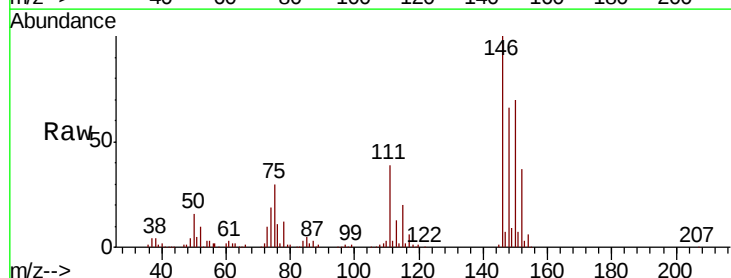
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727WBSD01

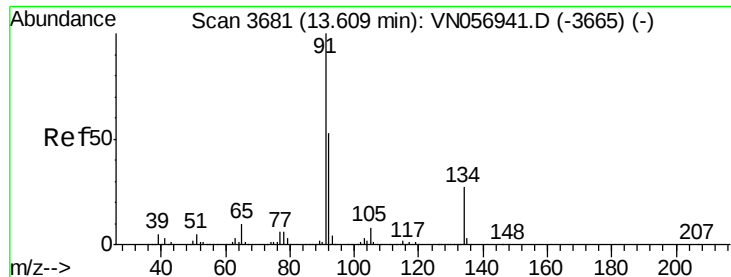
Tot Ion:146 Resp: 198738
 Ion Ratio Lower Upper
 146 100
 111 37.3 18.6 55.8
 148 64.8 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 19.245 ug/l
 RT: 13.36 min Scan# 3603
 Delta R.T. -0.00 min
 Lab File: VN056953.D
 Acq: 26 Jul 2019 20:06

Tgt Ion:146 Resp: 184687
 Ion Ratio Lower Upper
 146 100
 111 39.1 18.4 55.2
 148 65.0 32.3 96.9





#89

n-Butylbenzene

Concen: 19.235 ug/l

RT: 13.61 min Scan# 3681

Delta R.T. -0.00 min

Lab File: VN056953.D

Acq: 26 Jul 2019 20:06

Instrument :

MSVOA_N

ClientSampled :

VN0727WBSD01

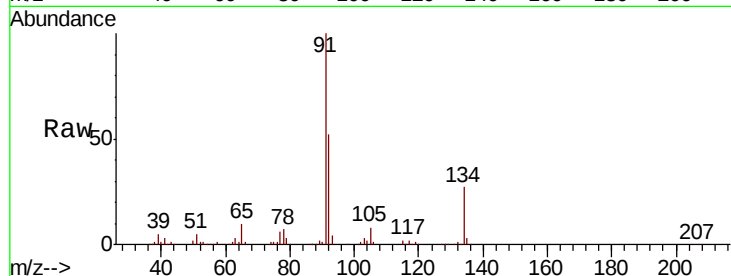
Tot Ion: 91 Resp: 309710

Ion Ratio Lower Upper

91 100

92 52.8 26.2 78.5

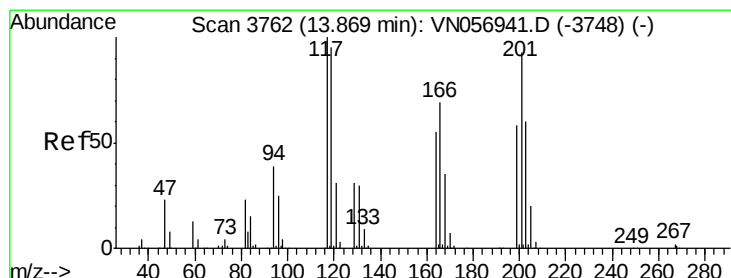
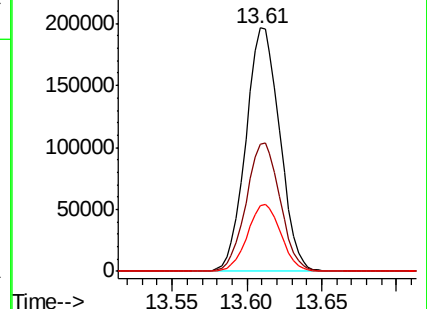
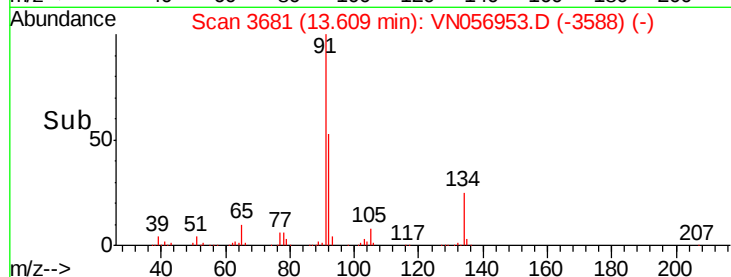
134 27.1 13.5 40.4



Abundance Ion 91.00 (90.70 to 91.70): VN056941.D (-3665) (-)

Ion 92.00 (91.70 to 92.70): VN056941.D (-3665) (-)

Ion 134.00 (133.70 to 134.70): VN056941.D (-3665) (-)



#90

Hexachloroethane

Concen: 19.528 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN056953.D

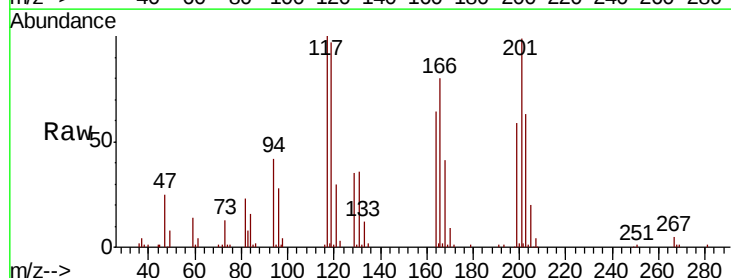
Acq: 26 Jul 2019 20:06

Tgt Ion: 117 Resp: 70251

Ion Ratio Lower Upper

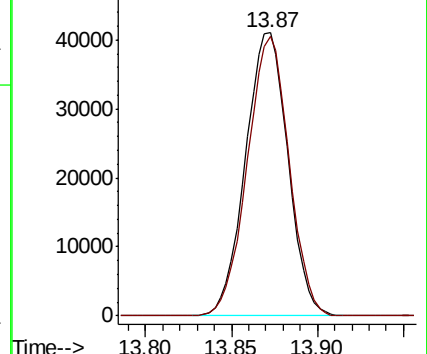
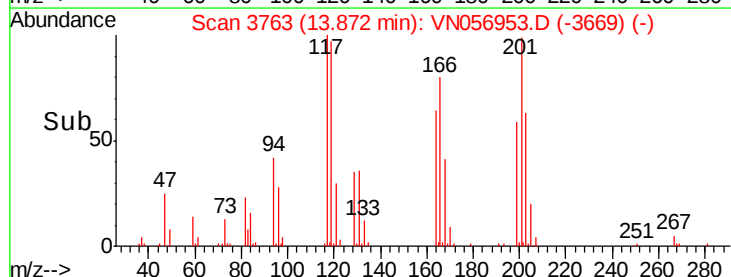
117 100

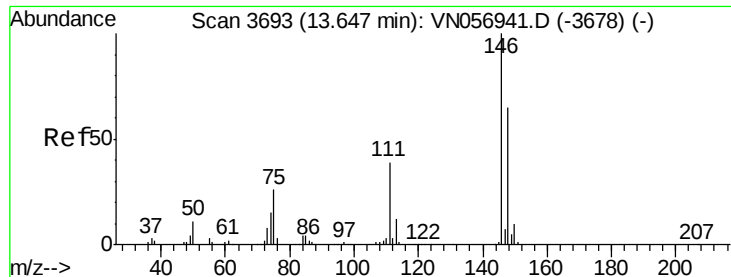
201 96.9 47.0 141.2



Abundance Ion 116.80 (116.50 to 117.50): VN056941.D (-3748) (-)

Ion 200.70 (200.40 to 201.40): VN056941.D (-3748) (-)





#91

1,2-Dichlorobenzene

Concen: 20.716 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN056953.D

Acq: 26 Jul 2019 20:06

Instrument :

MSVOA_N

ClientSampleId :

VN0727WBSD01

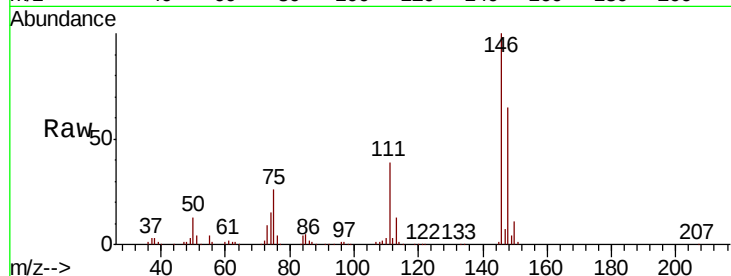
Tot Ion:146 Resp: 203247

Ion Ratio Lower Upper

146 100

111 38.7 19.4 58.4

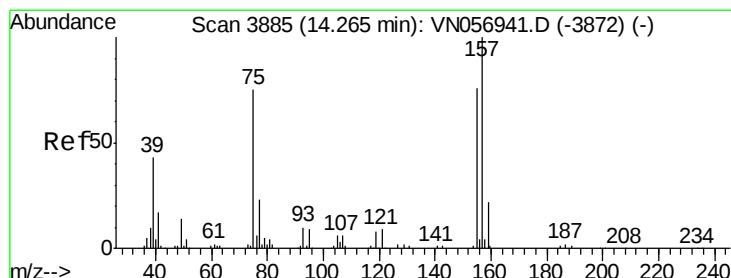
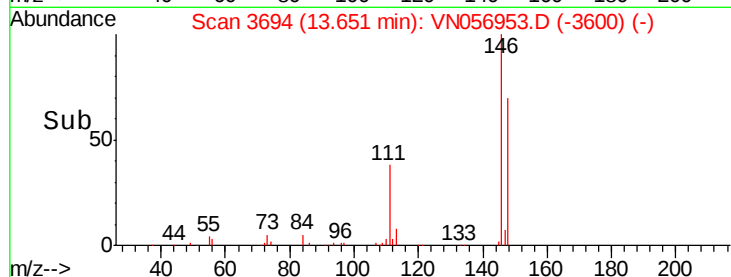
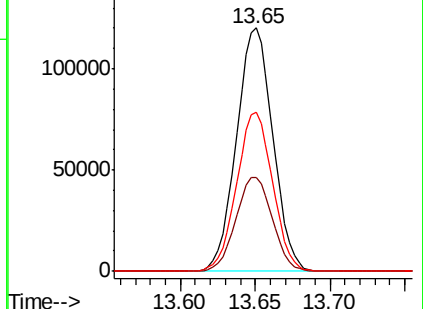
148 64.6 32.2 96.6



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: 21.448 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN056953.D

Acq: 26 Jul 2019 20:06

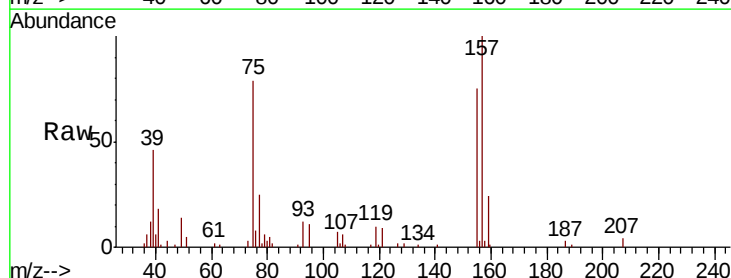
Tgt Ion: 75 Resp: 21420

Ion Ratio Lower Upper

75 100

155 94.5 50.2 150.6

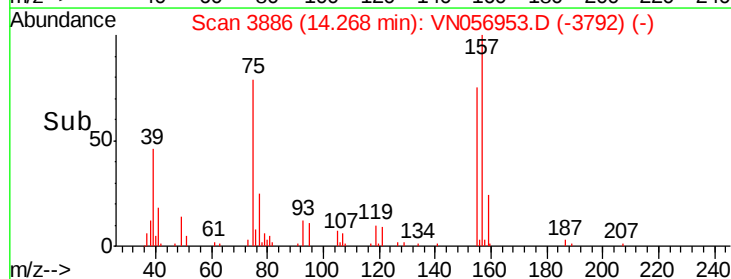
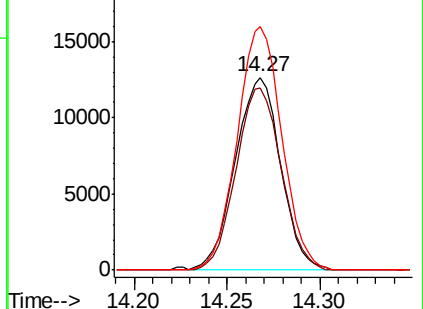
157 124.6 65.1 195.4

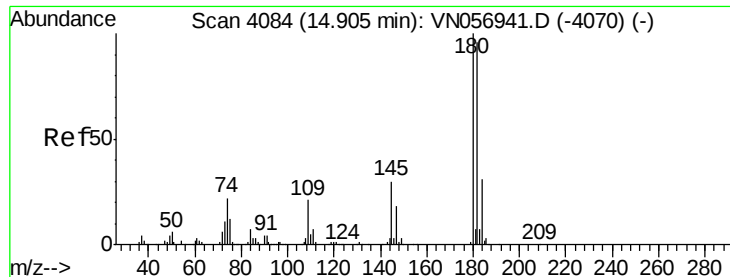


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

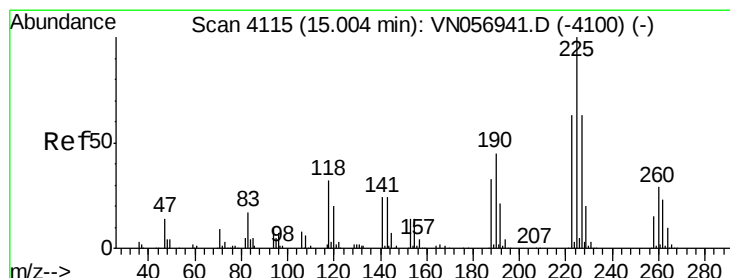
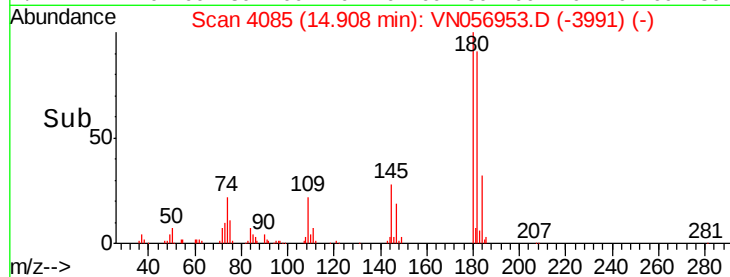
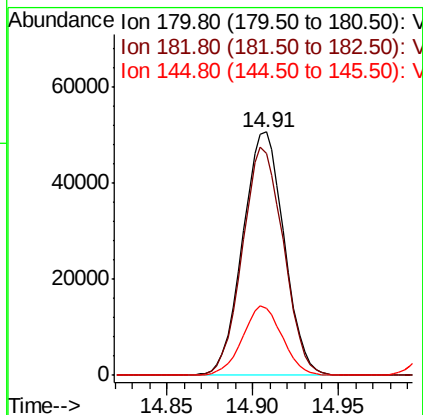
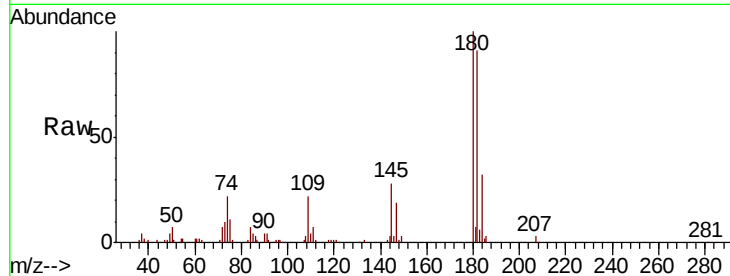




#93
 1,2,4-Trichlorobenzene
 Concen: 18.526 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056953.D
 Acq: 26 Jul 2019 20:06

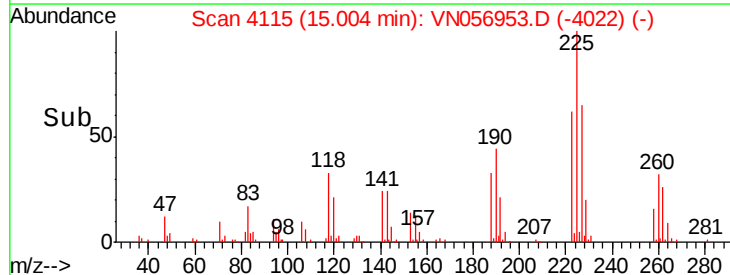
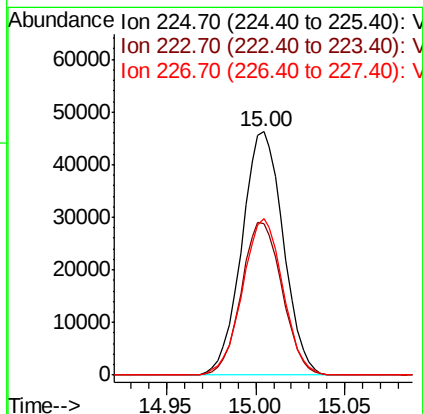
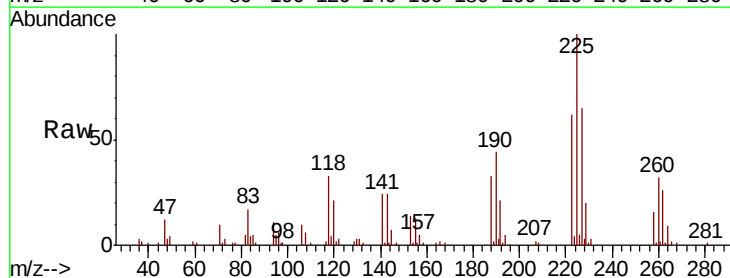
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727WBSD01

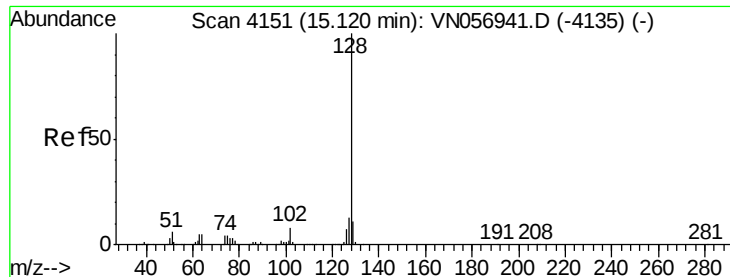
Tot Ion:180 Resp: 84631
 Ion Ratio Lower Upper
 180 100
 182 92.9 47.6 142.8
 145 27.4 14.2 42.8



#94
 Hexachlorobutadiene
 Concen: 19.825 ug/l
 RT: 15.00 min Scan# 4115
 Delta R.T. 0.00 min
 Lab File: VN056953.D
 Acq: 26 Jul 2019 20:06

Tgt Ion:225 Resp: 74811
 Ion Ratio Lower Upper
 225 100
 223 61.7 30.8 92.4
 227 63.1 31.1 93.5





#95

Naphthalene

Concen: 18.414 ug/l

RT: 15.12 min Scan# 4152

Delta R.T. 0.00 min

Lab File: VN056953.D

Acq: 26 Jul 2019 20:06

Instrument :

MSVOA_N

ClientSampleId :

VN0727WBSD01

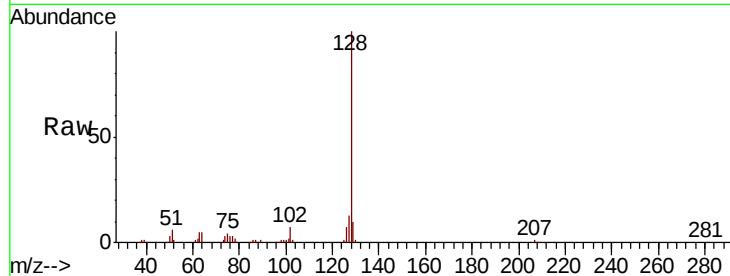
Tot Ion:128 Resp: 197171

Ion Ratio Lower Upper

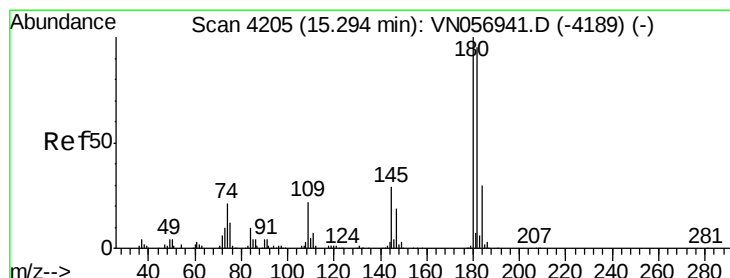
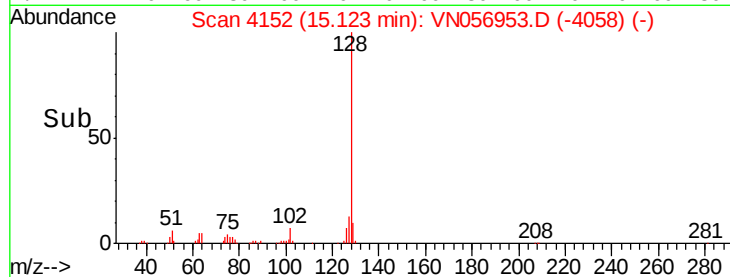
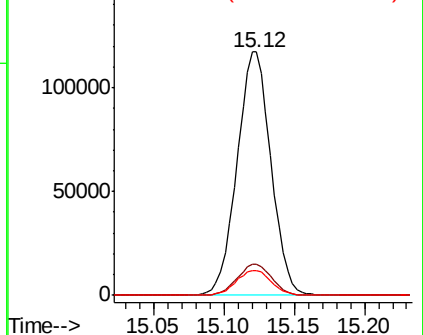
128 100

127 13.0 10.0 15.0

129 10.6 8.7 13.1



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



#96

1,2,3-Trichlorobenzene

Concen: 19.457 ug/l

RT: 15.29 min Scan# 4205

Delta R.T. 0.00 min

Lab File: VN056953.D

Acq: 26 Jul 2019 20:06

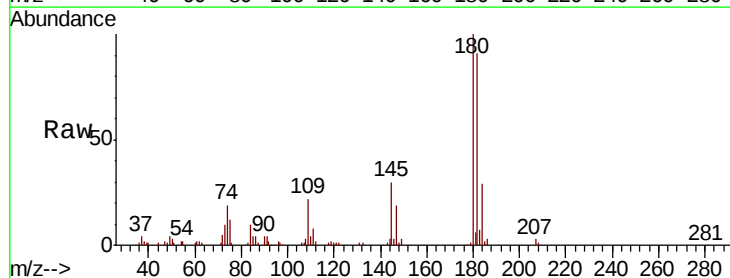
Tgt Ion:180 Resp: 92840

Ion Ratio Lower Upper

180 100

182 92.8 48.0 144.2

145 29.7 15.0 45.0



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

