

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061819\
 Data File : VN056357.D
 Acq On : 18 Jun 2019 11:45
 Operator : JC/SP
 Sample : VN0618WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 19 01:58:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 18 04:23:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	359427	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	549371	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	492656	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	194035	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	205143	50.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.52%	
35) Dibromofluoromethane	7.59	113	175829	49.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.82%	
50) Toluene-d8	10.09	98	679704	50.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.00%	
62) 4-Bromofluorobenzene	12.40	95	224239	50.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.56%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.85	85	64504	20.412	ug/l	99
3) Chloromethane	2.06	50	82243	19.410	ug/l	100
4) Vinyl Chloride	2.18	62	82308	19.766	ug/l	100
5) Bromomethane	2.52	94	44768	18.482	ug/l	98
6) Chloroethane	2.67	64	41881	17.365	ug/l	97
7) Trichlorofluoromethane	3.00	101	104080	19.571	ug/l	96
8) Diethyl Ether	3.40	74	41693	19.765	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.74	101	66742	19.404	ug/l	100
10) Methyl Iodide	3.94	142	84096	19.105	ug/l	99
11) Tert butyl alcohol	4.82	59	59931	94.240	ug/l	98
12) 1,1-Dichloroethene	3.72	96	63509	19.040	ug/l	97
13) Acrolein	3.60	56	16752	94.050	ug/l	99
14) Allyl chloride	4.31	41	103765	18.550	ug/l	97
15) Acrylonitrile	4.99	53	185097	101.840	ug/l	99
16) Acetone	3.82	43	196687	88.076	ug/l	100
17) Carbon Disulfide	4.04	76	138346	15.501	ug/l	98
18) Methyl Acetate	4.33	43	79333	19.285	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	204617	20.115	ug/l	98
20) Methylene Chloride	4.54	84	76713	19.454	ug/l	97
21) trans-1,2-Dichloroethene	5.03	96	67897	19.137	ug/l	96
22) Diisopropyl ether	5.95	45	222699	20.252	ug/l	99
23) Vinyl Acetate	5.90	43	889366	99.409	ug/l	100
24) 1,1-Dichloroethane	5.84	63	126852	19.676	ug/l	99
25) 2-Butanone	6.85	43	262488	96.975	ug/l	100
26) 2,2-Dichloropropane	6.82	77	83330	17.874	ug/l	99
27) cis-1,2-Dichloroethene	6.82	96	79106	19.250	ug/l	99
28) Bromochloromethane	7.19	49	66558	20.616	ug/l	98
29) Tetrahydrofuran	7.22	42	164385	102.241	ug/l	99
30) Chloroform	7.37	83	125319	19.514	ug/l	99
31) Cyclohexane	7.65	56	121788	19.552	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	97138	18.260	ug/l	99
36) 1,1-Dichloropropene	7.79	75	95896	19.398	ug/l	98
37) Ethyl Acetate	6.94	43	100215	21.390	ug/l	99
38) Carbon Tetrachloride	7.77	117	81958	17.272	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	116025	19.241	ug/l	98
40) Benzene	8.04	78	293701	19.584	ug/l	99
41) Methacrylonitrile	7.18	41	42592	19.798	ug/l	95
42) 1,2-Dichloroethane	8.12	62	97617	19.849	ug/l	99
43) Isopropyl Acetate	8.17	43	141418	18.870	ug/l	99
44) Trichloroethene	8.83	130	79686	19.539	ug/l	96
45) 1,2-Dichloropropane	9.12	63	80062	20.200	ug/l	99
46) Dibromomethane	9.21	93	51478	19.545	ug/l	98
47) Bromodichloromethane	9.40	83	87677	17.424	ug/l	100
48) Methyl methacrylate	9.20	41	70130	18.547	ug/l	97
49) 1,4-Dioxane	9.21	88	29881	391.751	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	476650	99.791	ug/l	100
52) Toluene	10.16	92	181203	19.796	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	84884	16.989	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	105565	18.318	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	73507	19.540	ug/l	98
56) Ethyl methacrylate	10.43	69	105963	19.586	ug/l	99
57) 1,3-Dichloropropane	10.71	76	125333	19.780	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	192946	105.159	ug/l	99
59) 2-Hexanone	10.75	43	343410	96.942	ug/l	99
60) Dibromochloromethane	10.90	129	64520	16.352	ug/l	99
61) 1,2-Dibromoethane	11.00	107	74240	19.199	ug/l	99
64) Tetrachloroethene	10.63	164	76911	19.037	ug/l	98
65) Chlorobenzene	11.43	112	195147	19.511	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	66468	17.801	ug/l	98
67) Ethyl Benzene	11.51	91	341297	19.824	ug/l	100
68) m/p-Xylenes	11.62	106	253294	39.529	ug/l	99
69) o-Xylene	11.95	106	124528	19.715	ug/l	98
70) Styrene	11.96	104	204316	20.035	ug/l	100
71) Bromoform	12.13	173	43379	14.949	ug/l #	99
73) Isopropylbenzene	12.25	105	331511	20.756	ug/l	100
74) N-amyl acetate	12.07	43	118007	19.353	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	101600	20.224	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	117088	28.244	ug/l #	100
77) Bromobenzene	12.53	156	89896	21.572	ug/l	94
78) n-propylbenzene	12.59	91	350905	20.147	ug/l	100
79) 2-Chlorotoluene	12.67	91	218175	20.634	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	271121	20.028	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	20100	15.064	ug/l #	81
82) 4-Chlorotoluene	12.77	91	204588	20.011	ug/l	99
83) tert-Butylbenzene	12.99	119	238041	20.762	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	260429	20.660	ug/l	100
85) sec-Butylbenzene	13.17	105	306529	20.066	ug/l	100
86) p-Isopropyltoluene	13.29	119	267773	20.478	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	130233	19.720	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	121396	19.129	ug/l	99
89) n-Butylbenzene	13.61	91	188129	19.243	ug/l	99
90) Hexachloroethane	13.87	117	37570	15.177	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	130483	20.176	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	13350	15.923	ug/l	97

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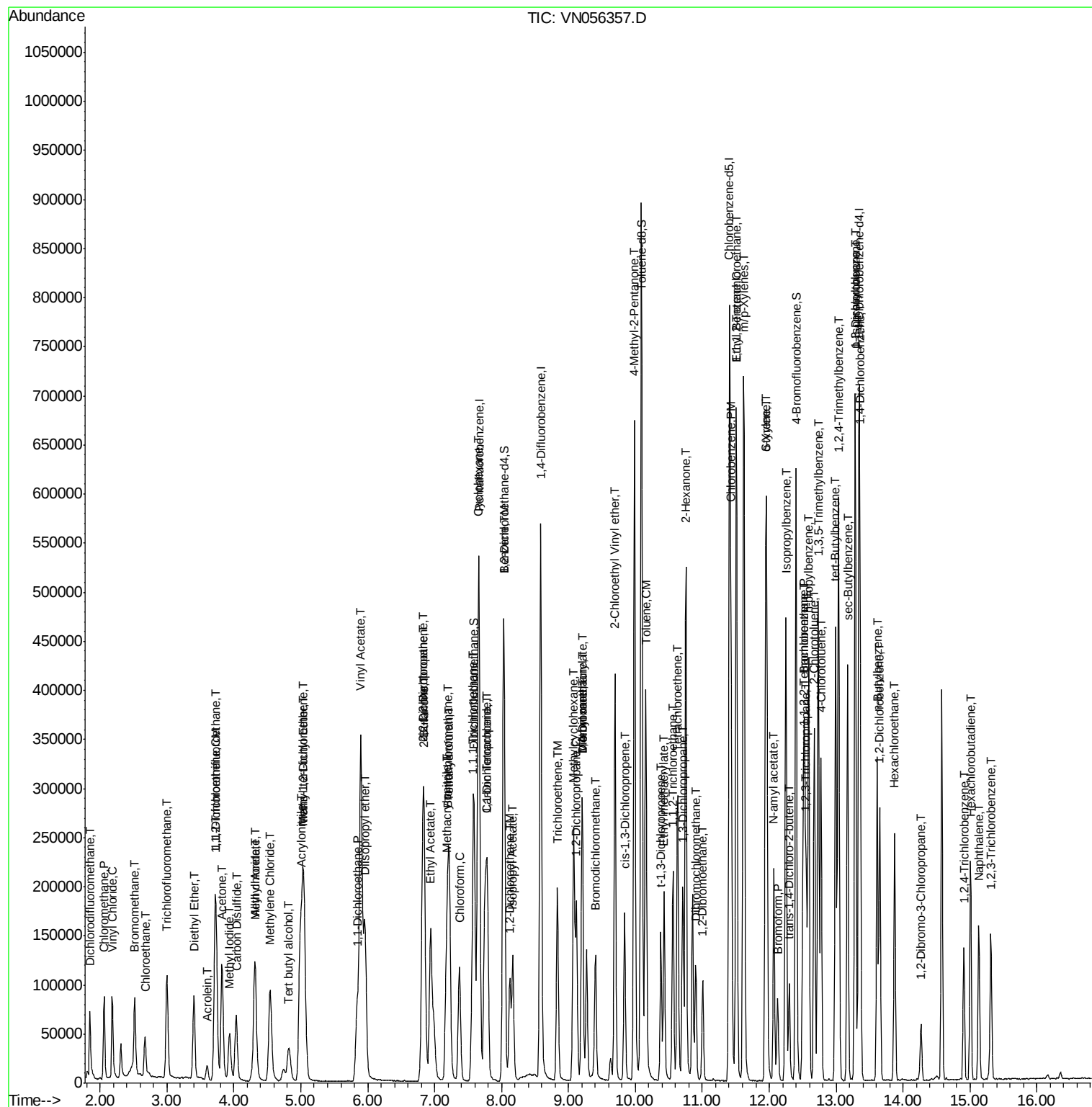
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	47942	18.048	ug/l	99
94) Hexachlorobutadiene	15.01	225	47266	19.874	ug/l	98
95) Naphthalene	15.13	128	141488	19.114	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	57619	18.925	ug/l	100

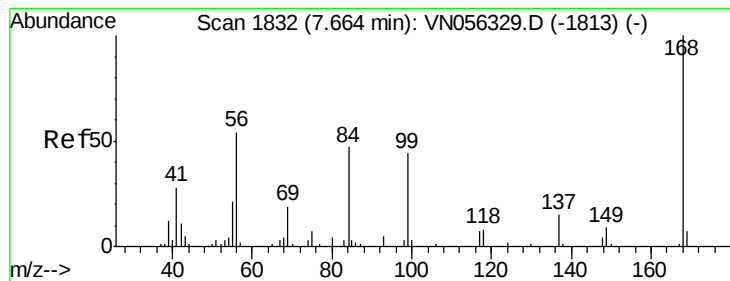
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056357.D

Acq: 18 Jun 2019 11:45

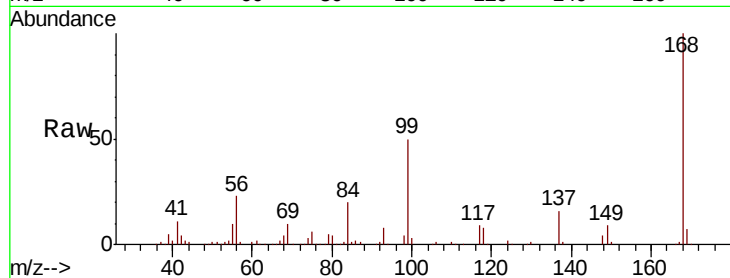
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 359427

Ion Ratio Lower Upper

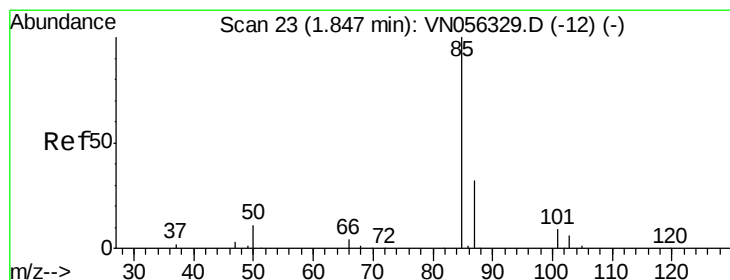
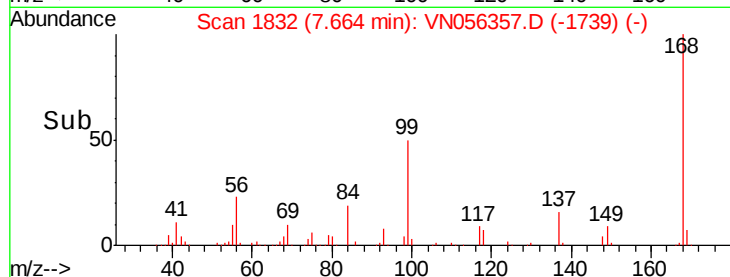
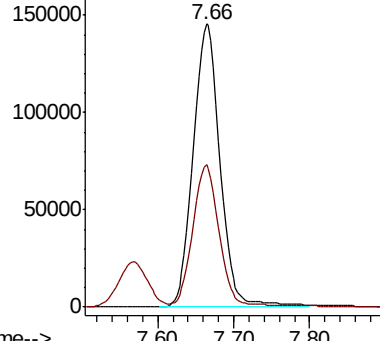
168 100

99 49.9 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 20.412 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN056357.D

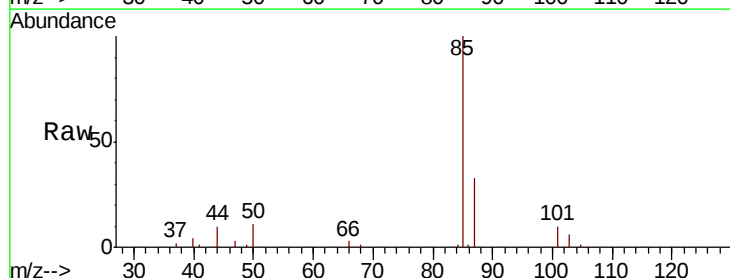
Acq: 18 Jun 2019 11:45

Tgt Ion: 85 Resp: 64504

Ion Ratio Lower Upper

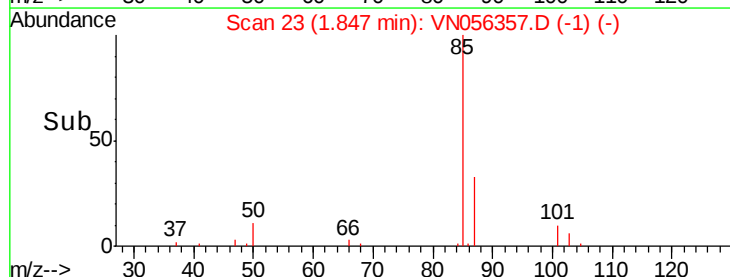
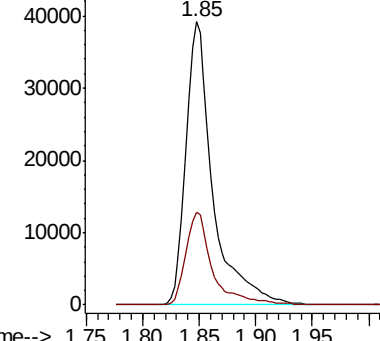
85 100

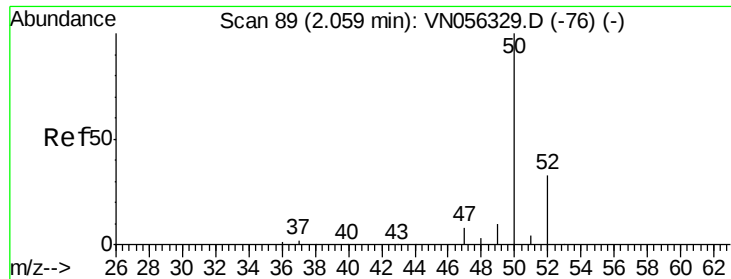
87 32.9 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 19.410 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN056357.D

Acq: 18 Jun 2019 11:45

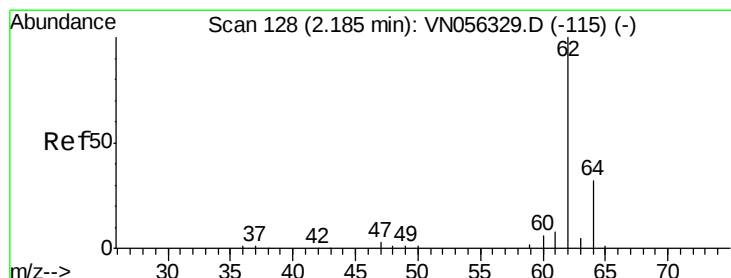
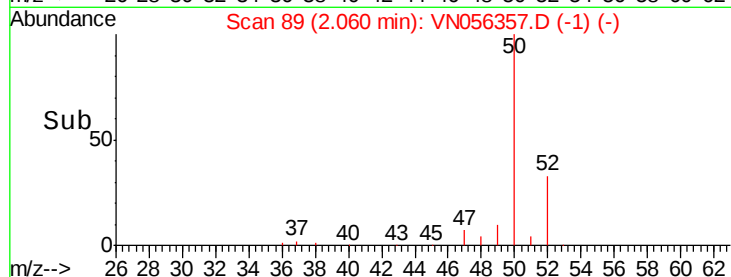
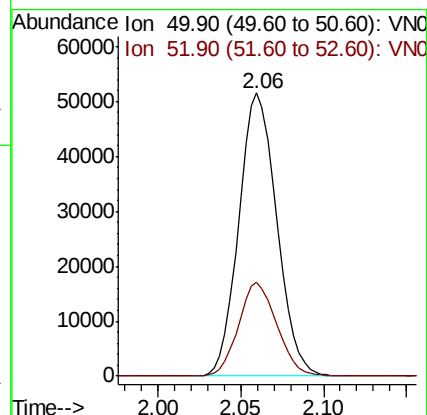
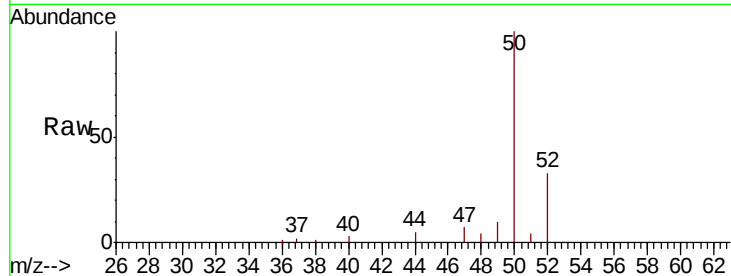
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 50 Resp: 82243

Ion Ratio Lower Upper

50 100

52 33.2 26.3 39.5



#4

Vinyl Chloride

Concen: 19.766 ug/l

RT: 2.18 min Scan# 127

Delta R.T. -0.00 min

Lab File: VN056357.D

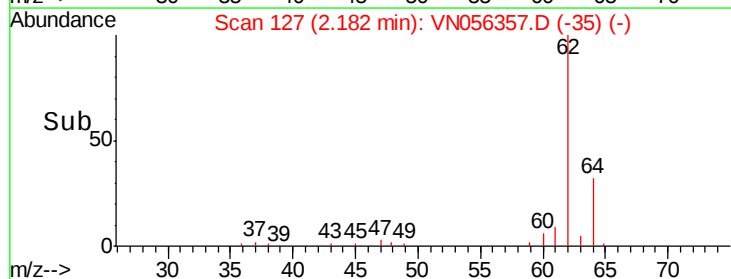
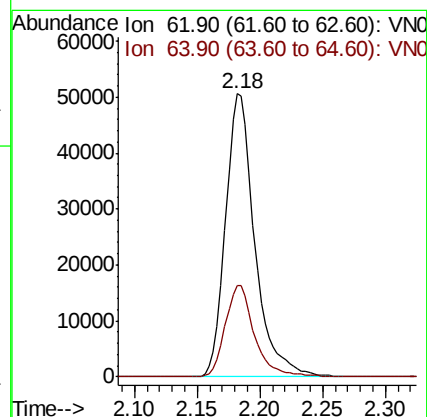
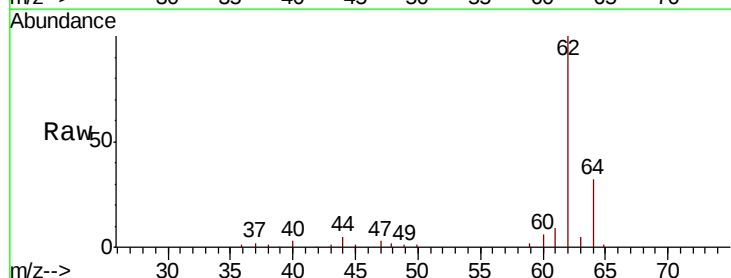
Acq: 18 Jun 2019 11:45

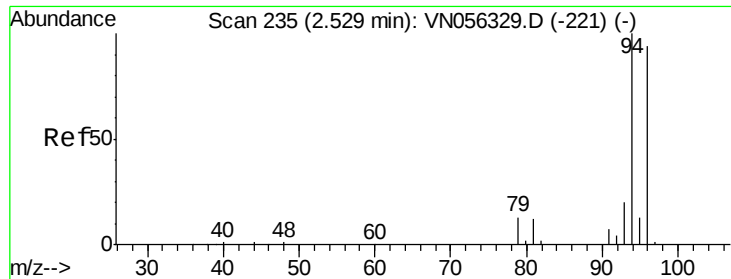
Tgt Ion: 62 Resp: 82308

Ion Ratio Lower Upper

62 100

64 32.2 25.7 38.5

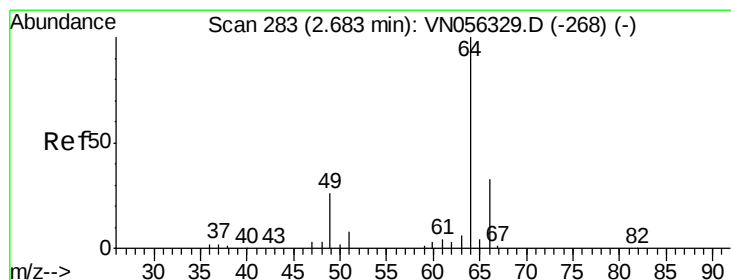
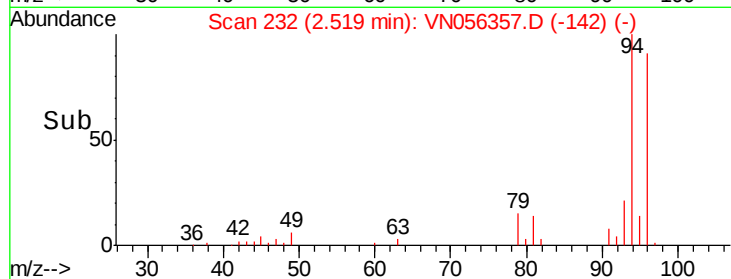
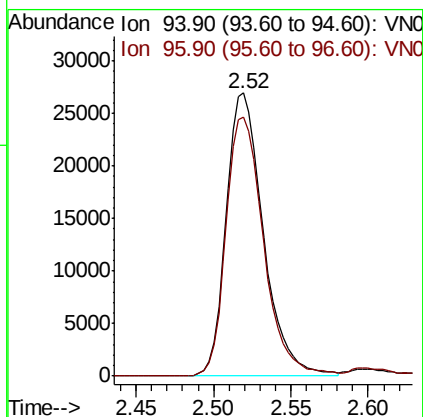
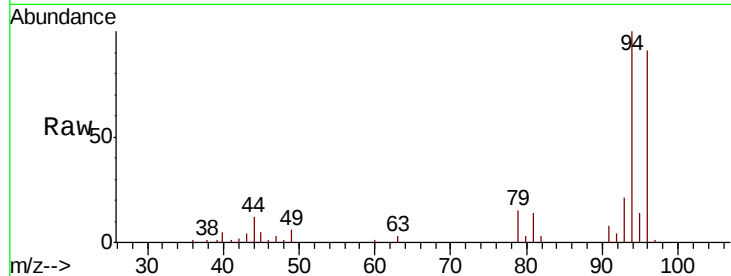




#5
Bromomethane
Concen: 18.482 ug/l
RT: 2.52 min Scan# 232
Delta R.T. -0.01 min
Lab File: VN056357.D
Acq: 18 Jun 2019 11:45

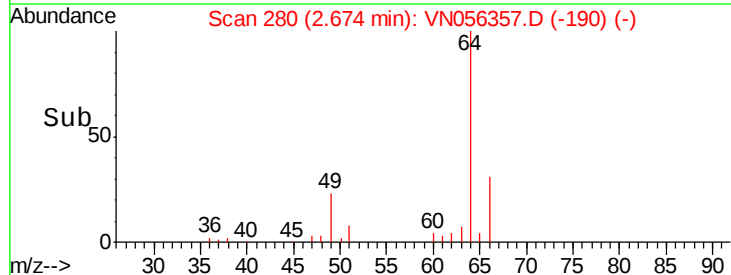
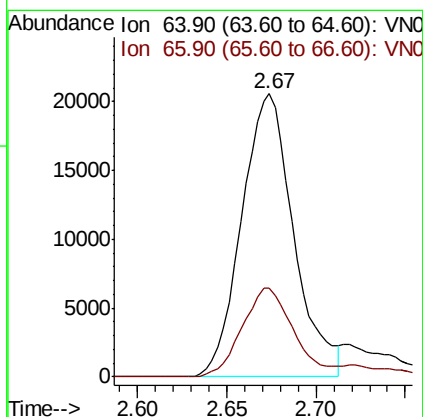
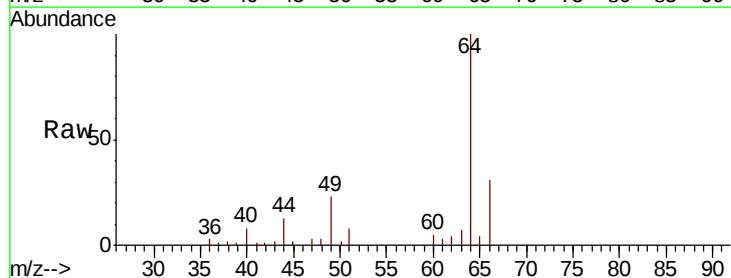
Instrument :
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ClientSampled :

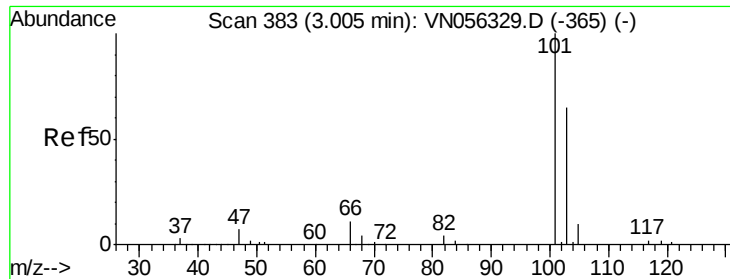
Tot Ion: 94 Resp: 44768
Ion Ratio Lower Upper
94 100
96 91.4 74.9 112.3



#6
Chloroethane
Concen: 17.365 ug/l
RT: 2.67 min Scan# 280
Delta R.T. -0.01 min
Lab File: VN056357.D
Acq: 18 Jun 2019 11:45

Tgt Ion: 64 Resp: 41881
Ion Ratio Lower Upper
64 100
66 31.3 26.3 39.5



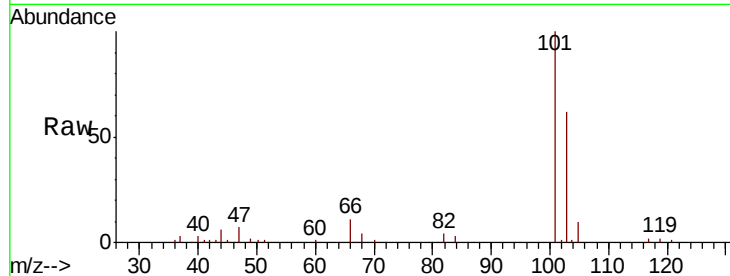


#7

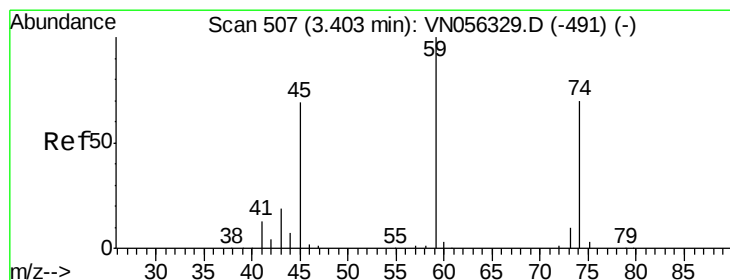
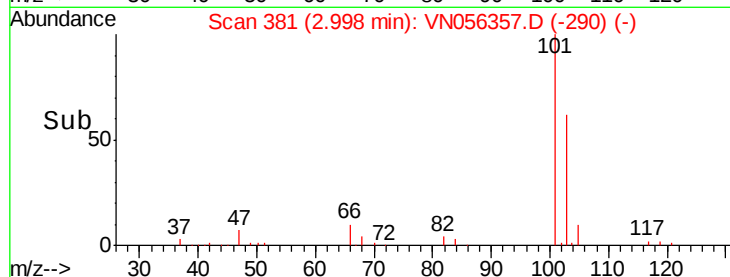
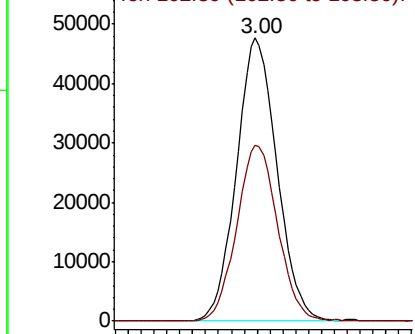
Trichlorofluoromethane
Concen: 19.571 ug/l
RT: 3.00 min Scan# 381
Delta R.T. -0.01 min
Lab File: VN056357.D
Acq: 18 Jun 2019 11:45

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:101 Resp: 104080
Ion Ratio Lower Upper
101 100
103 62.1 52.1 78.1



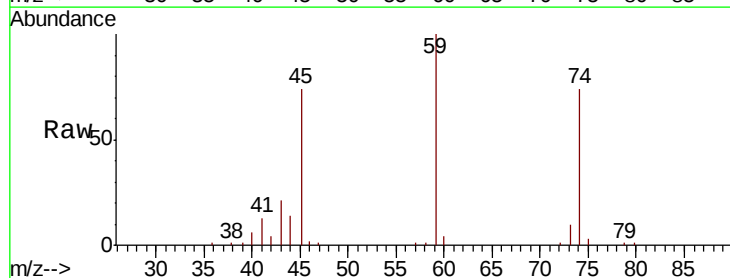
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



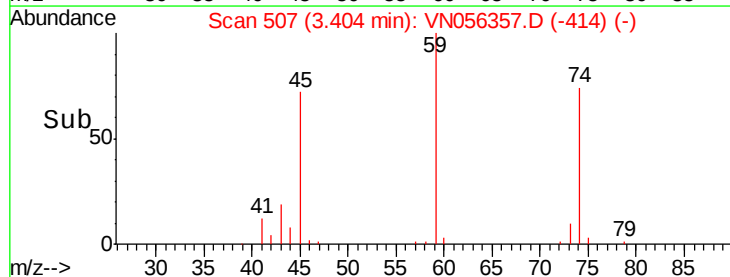
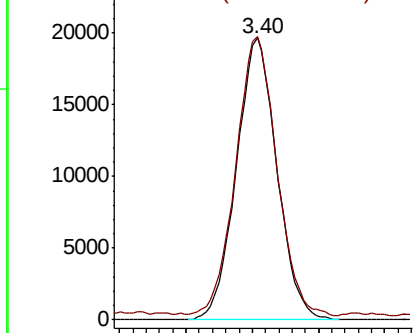
#8

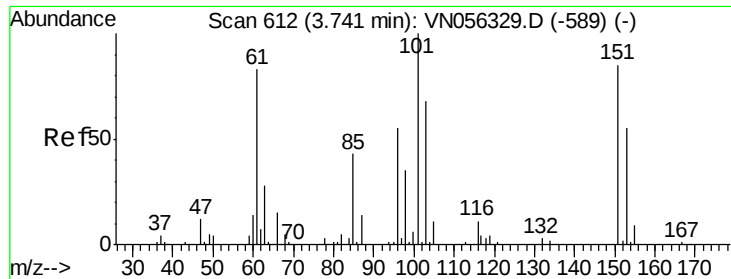
Diethyl Ether
Concen: 19.765 ug/l
RT: 3.40 min Scan# 507
Delta R.T. 0.00 min
Lab File: VN056357.D
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Tgt Ion: 74 Resp: 41693
Ion Ratio Lower Upper
74 100
45 99.9 49.0 147.0



Abundance Ion 74.00 (73.70 to 74.70): V
Ion 45.00 (44.70 to 45.70): V





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.404 ug/l

RT: 3.74 min Scan# 611

Delta R.T. -0.00 min

Lab File: VN056357.D

Acq: 18 Jun 2019 11:45

Instrument :

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ClientSampled :

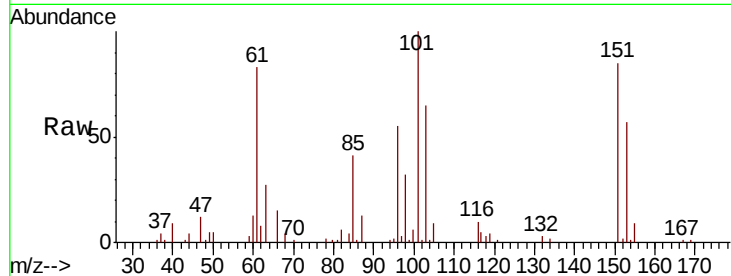
Tot Ion:101 Resp: 66742

Ion Ratio Lower Upper

101 100

85 41.9 33.8 50.8

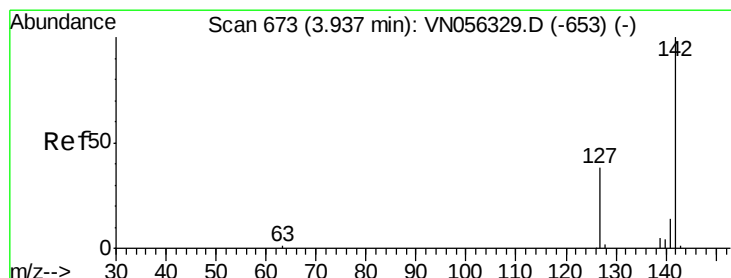
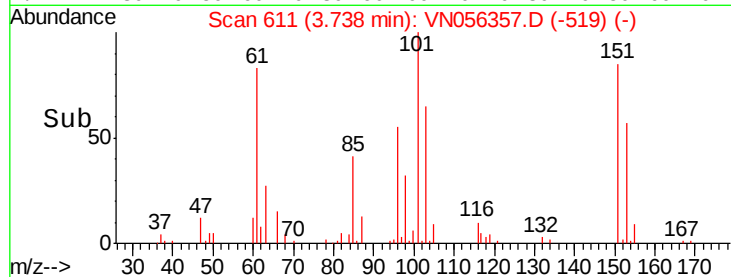
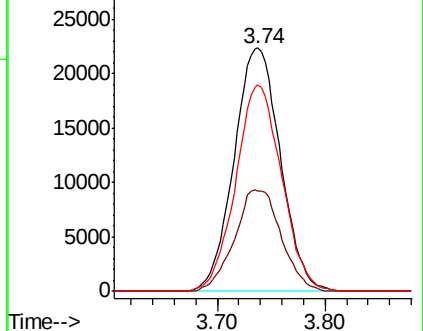
151 84.0 67.4 101.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.105 ug/l

RT: 3.94 min Scan# 673

Delta R.T. 0.00 min

Lab File: VN056357.D

Acq: 18 Jun 2019 11:45

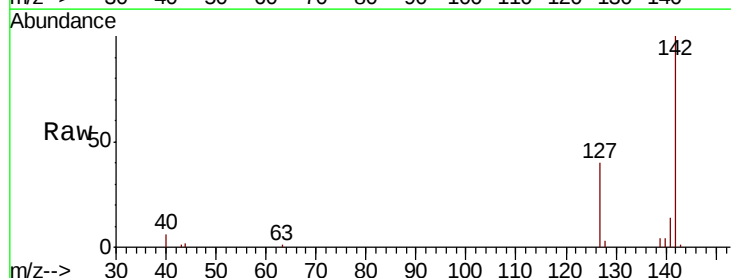
Tgt Ion:142 Resp: 84096

Ion Ratio Lower Upper

142 100

127 39.4 30.8 46.2

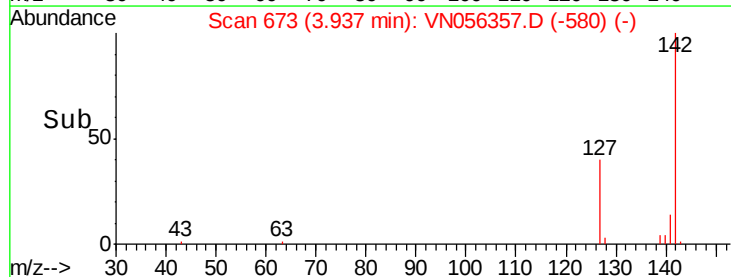
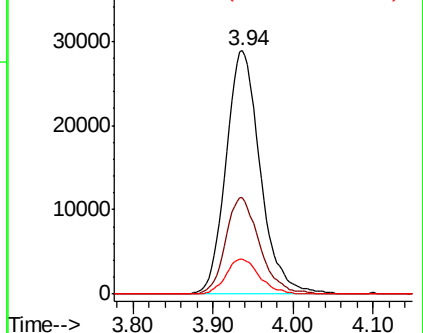
141 14.0 11.4 17.2

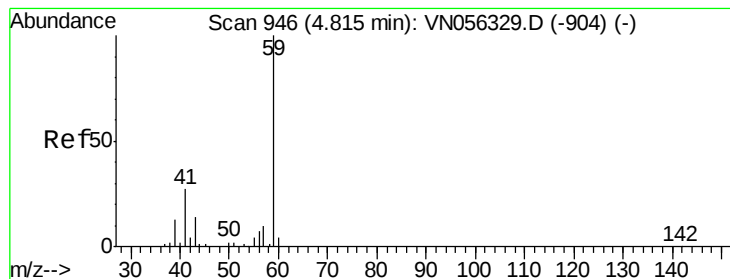


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 94.240 ug/l

RT: 4.82 min Scan# 946

Delta R.T. 0.00 min

Lab File: VN056357.D

Acq: 18 Jun 2019 11:45

Instrument :

MSVOA_N

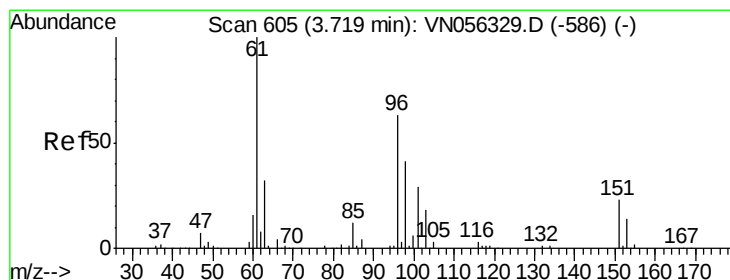
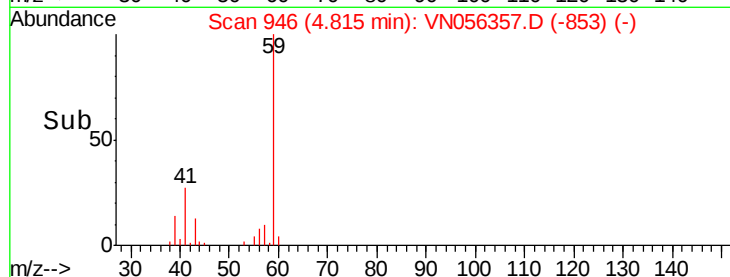
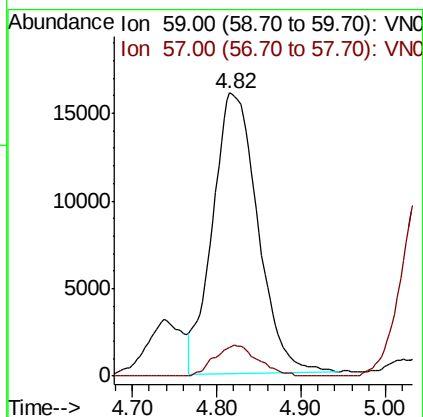
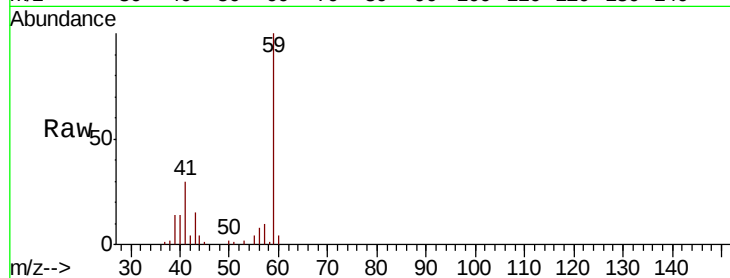
ClientSampleId :

Tot Ion: 59 Resp: 59931

Ion Ratio Lower Upper

59 100

57 10.5 7.8 11.8



#12

1,1-Dichloroethene

Concen: 19.040 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN056357.D

Acq: 18 Jun 2019 11:45

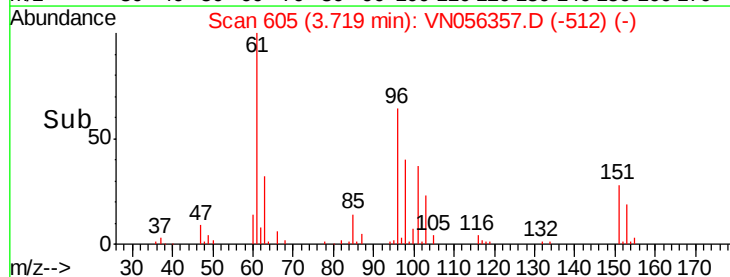
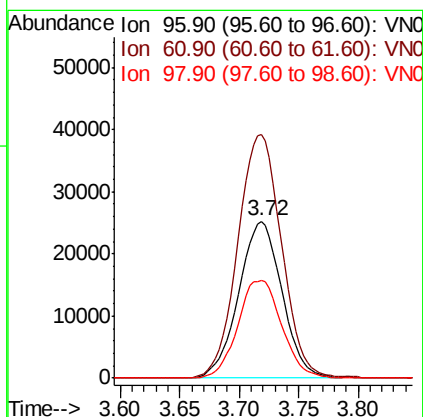
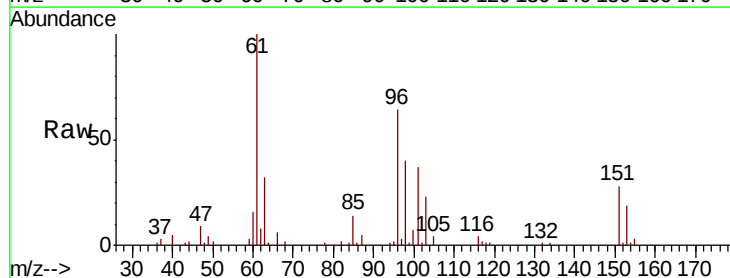
Tgt Ion: 96 Resp: 63509

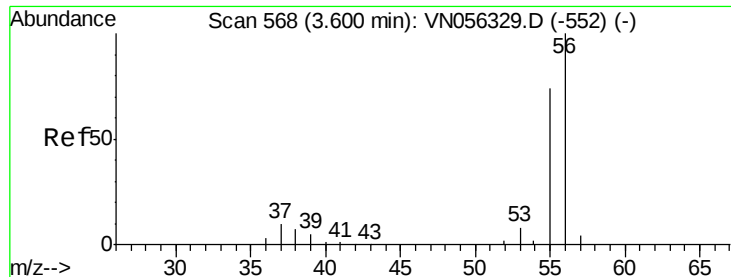
Ion Ratio Lower Upper

96 100

61 155.5 127.4 191.2

98 62.1 51.7 77.5





#13

Acrolein

Concen: 94.050 ug/l

RT: 3.60 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN056357.D

Acq: 18 Jun 2019 11:45

Instrument :

MSVOA_N

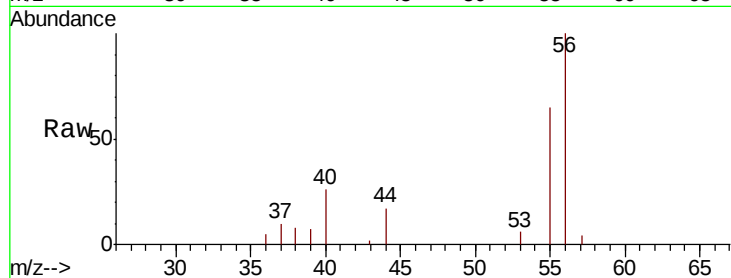
ClientSampleId :

Tot Ion: 56 Resp: 16752

Ion Ratio Lower Upper

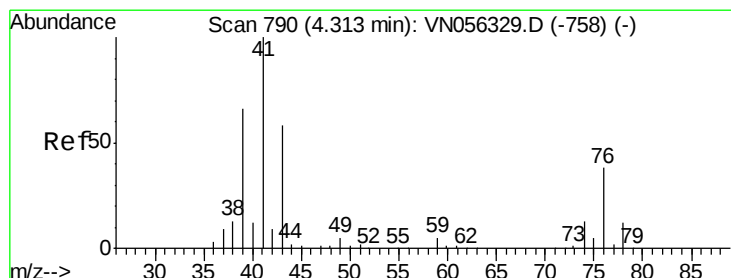
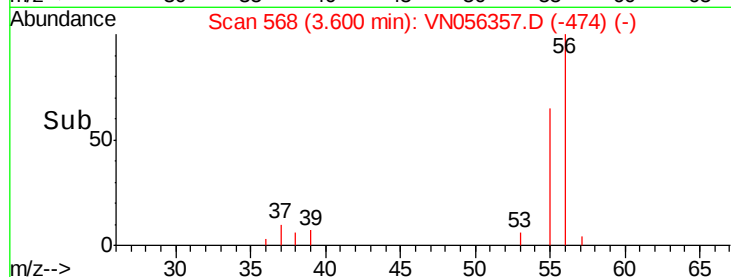
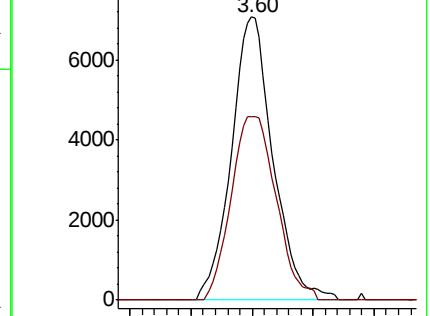
56 100

55 70.0 56.4 84.6



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 18.550 ug/l

RT: 4.31 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN056357.D

Acq: 18 Jun 2019 11:45

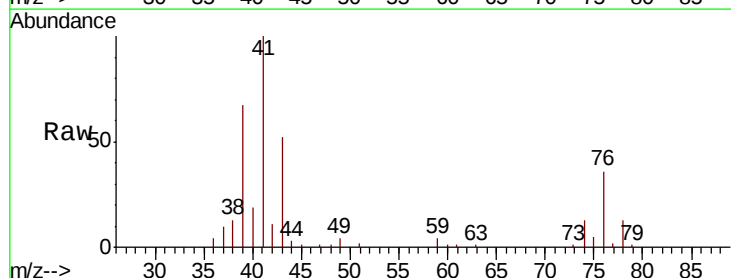
Tgt Ion: 41 Resp: 103765

Ion Ratio Lower Upper

41 100

39 62.8 48.9 73.3

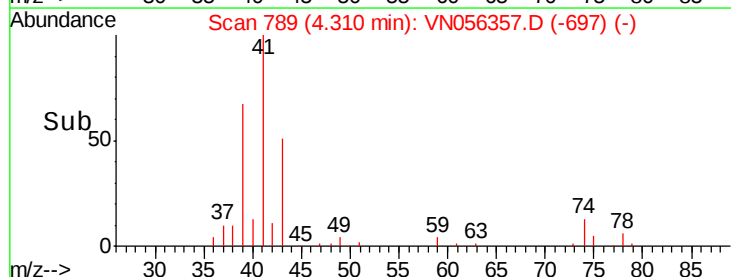
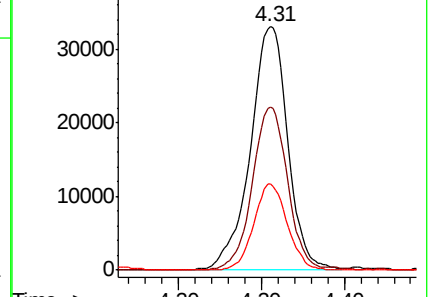
76 31.6 27.2 40.8

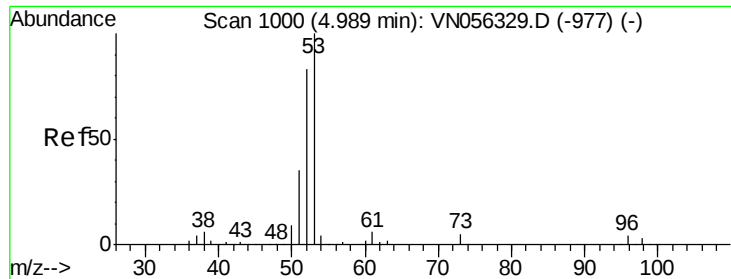


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0



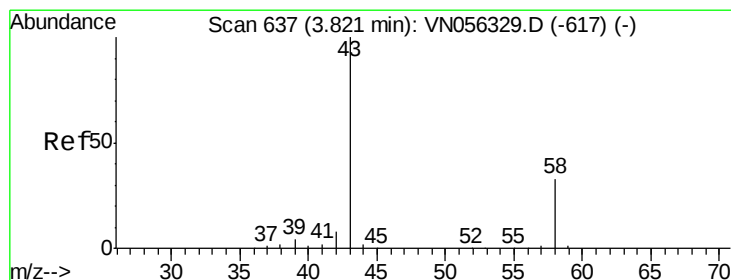
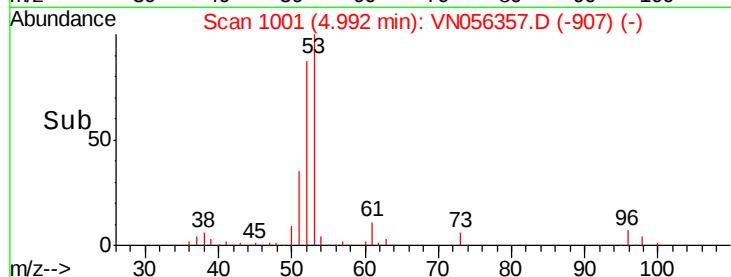
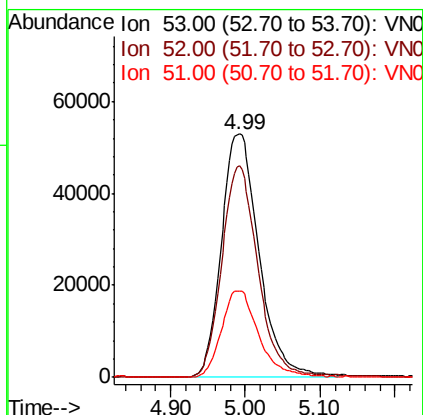
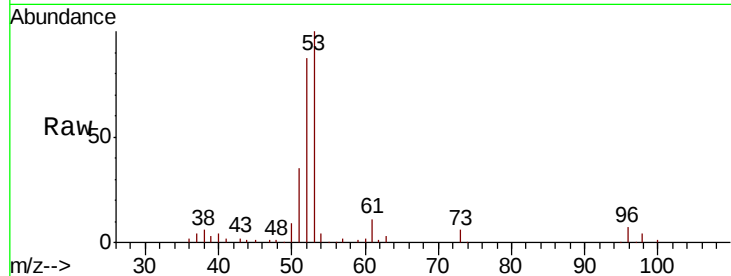


#15
 Acrylonitrile
 Concen: 101.840 ug/l
 RT: 4.99 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VN056357.D
 Acq: 18 Jun 2019 11:45

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 53 Resp: 185097

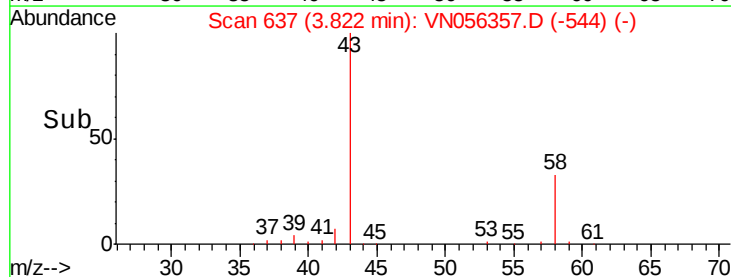
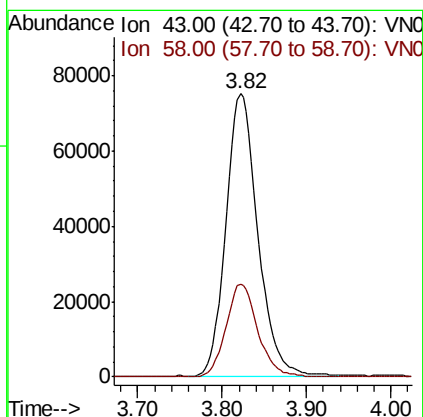
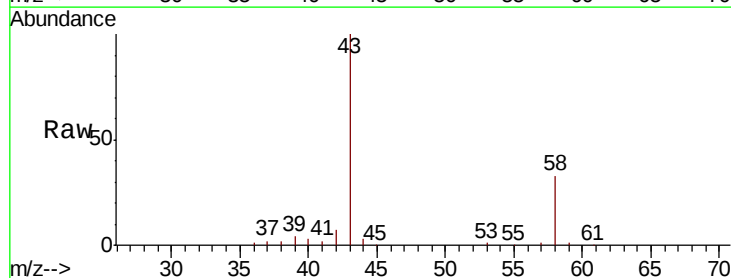
Ion	Ratio	Lower	Upper
53	100		
52	83.3	65.4	98.2
51	35.1	28.5	42.7

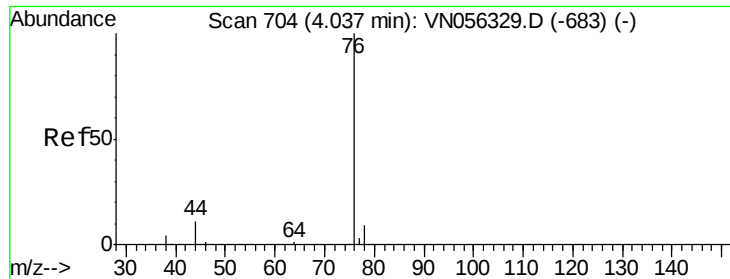


#16
 Acetone
 Concen: 88.076 ug/l
 RT: 3.82 min Scan# 637
 Delta R.T. 0.00 min
 Lab File: VN056357.D
 Acq: 18 Jun 2019 11:45

Tgt Ion: 43 Resp: 196687

Ion	Ratio	Lower	Upper
43	100		
58	33.0	26.5	39.7

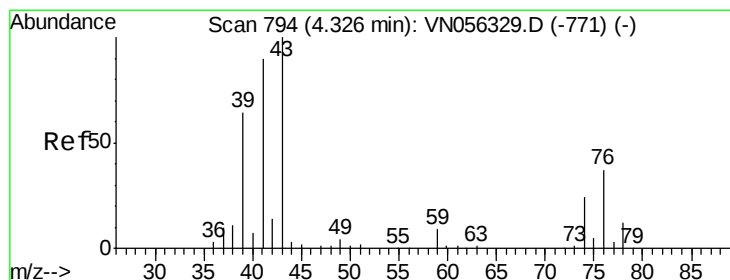
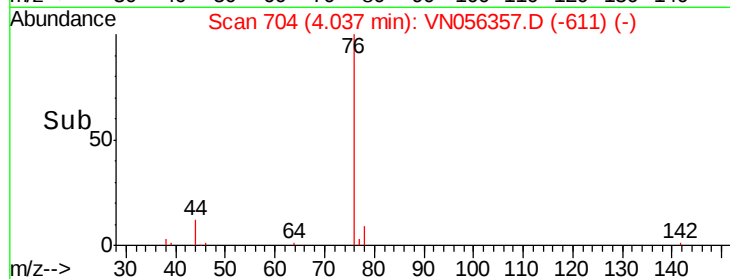
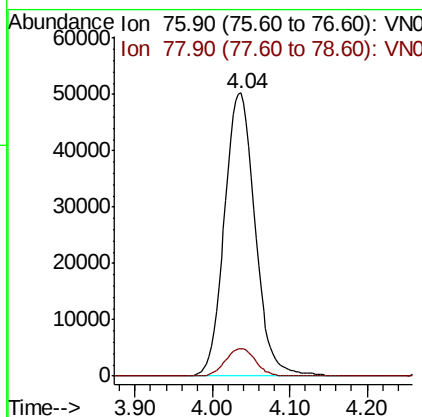
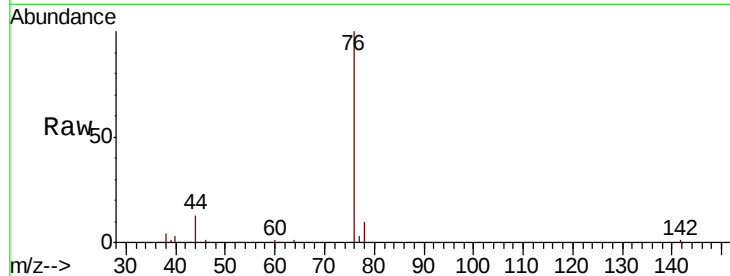




#17
Carbon Disulfide
Concen: 15.501 ug/l
RT: 4.04 min Scan# 704
Delta R.T. 0.00 min
Lab File: VN056357.D
Acq: 18 Jun 2019 11:45

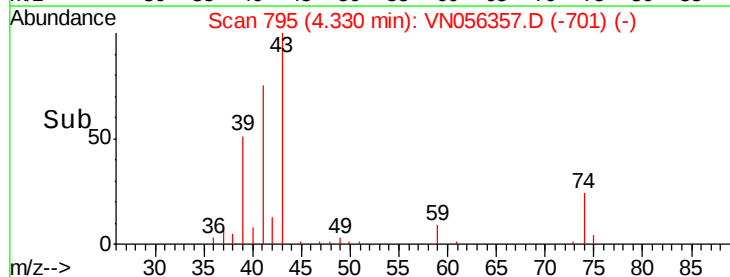
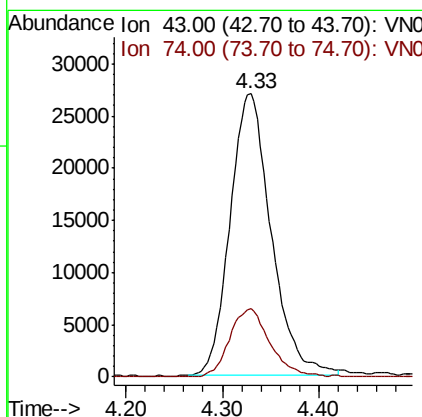
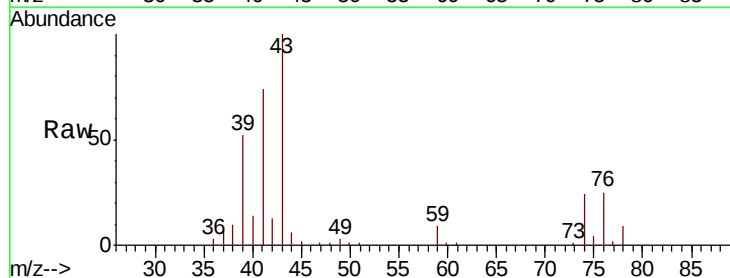
Instrument :
MSVOA_N
ClientSampleId :

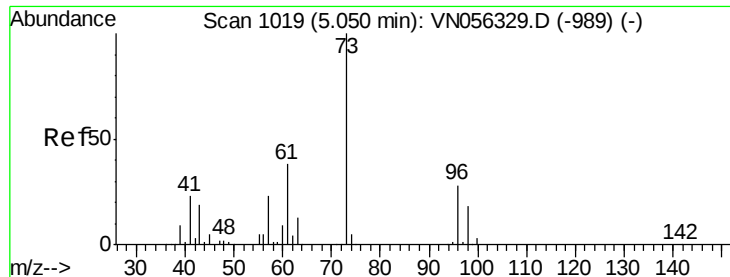
Tot Ion: 76 Resp: 138346
Ion Ratio Lower Upper
76 100
78 9.8 7.3 10.9



#18
Methyl Acetate
Concen: 19.285 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN056357.D
Acq: 18 Jun 2019 11:45

Tgt Ion: 43 Resp: 79333
Ion Ratio Lower Upper
43 100
74 23.8 19.4 29.2



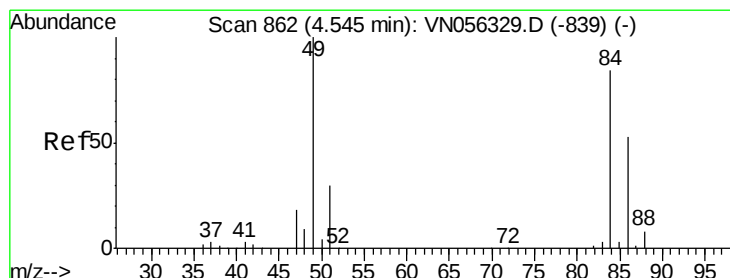
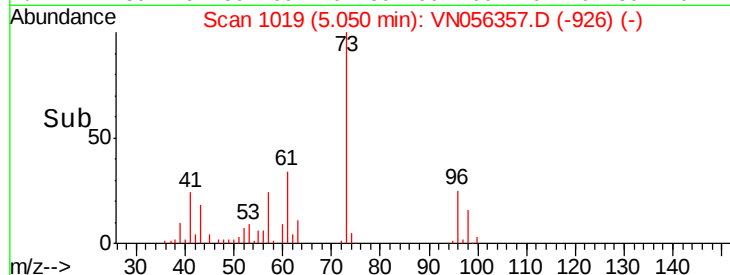
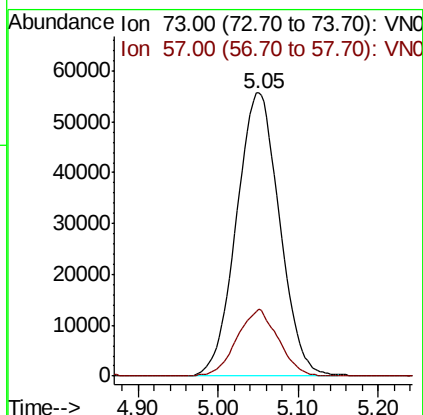
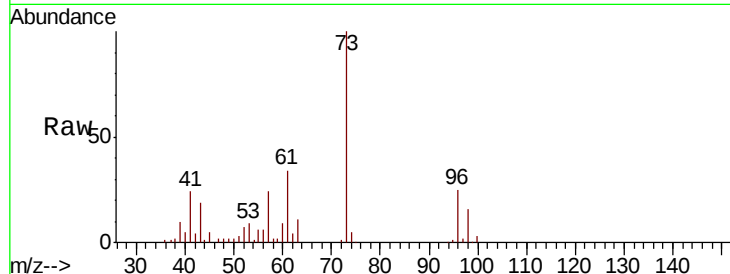


#19

Methyl tert-butyl Ether
 Concen: 20.115 ug/l
 RT: 5.05 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VN056357.D
 Acq: 18 Jun 2019 11:45

Instrument :
 MSVOA_N
 ClientSampleId :

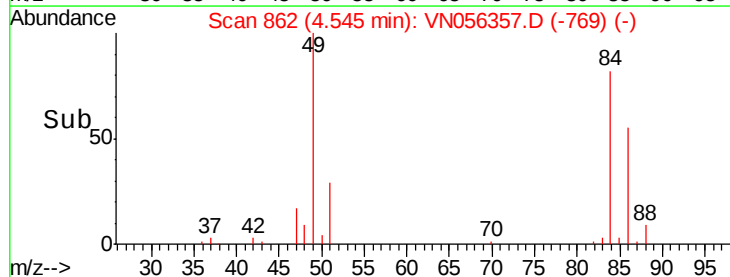
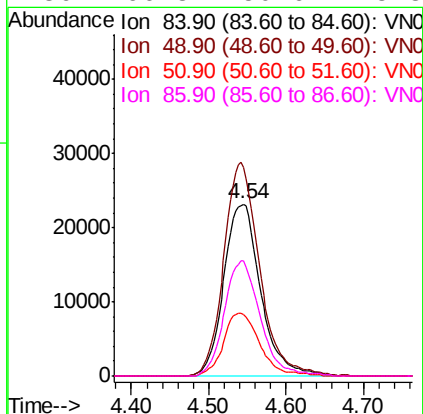
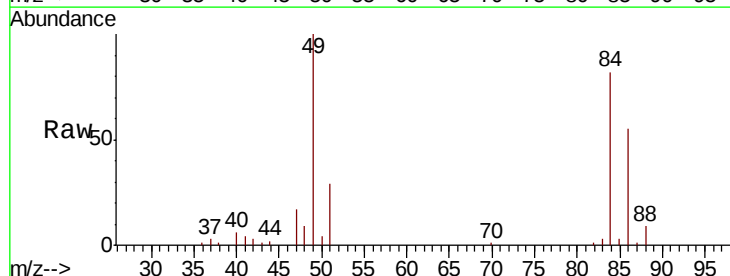
Tot Ion: 73 Resp: 204617
 Ion Ratio Lower Upper
 73 100
 57 23.5 18.1 27.1

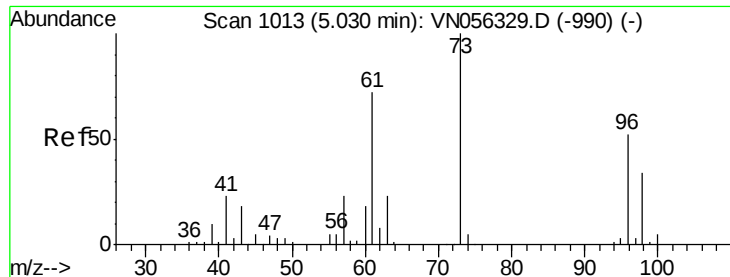


#20

Methylene Chloride
 Concen: 19.454 ug/l
 RT: 4.54 min Scan# 862
 Delta R.T. 0.00 min
 Lab File: VN056357.D
 Acq: 18 Jun 2019 11:45

Tgt Ion: 84 Resp: 76713
 Ion Ratio Lower Upper
 84 100
 49 121.5 95.0 142.6
 51 35.7 28.2 42.4
 86 66.8 50.6 75.8

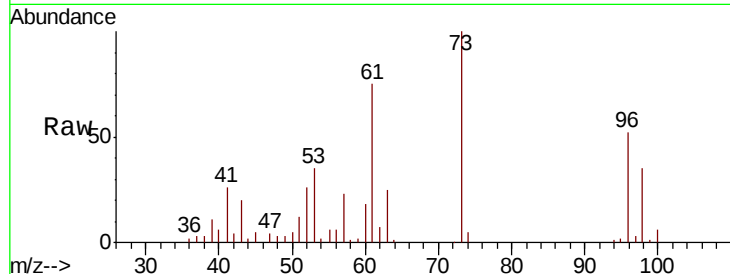




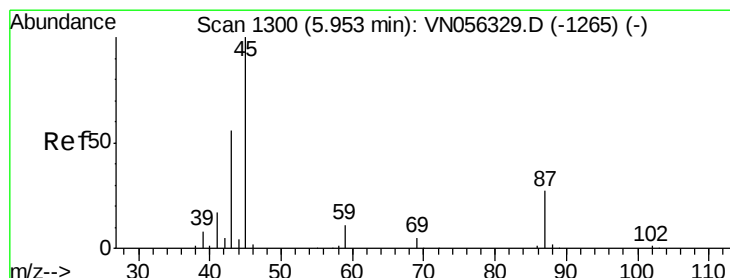
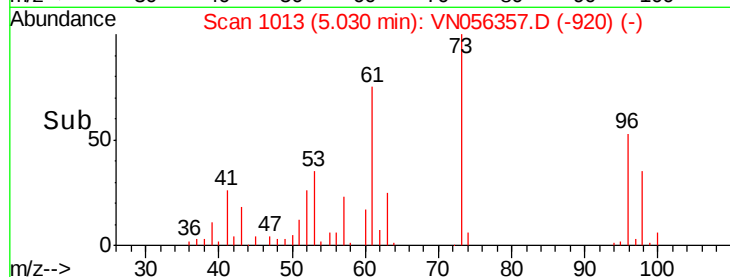
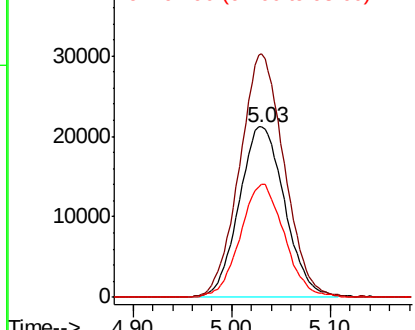
#21
trans-1,2-Dichloroethene
Concen: 19.137 ug/l
RT: 5.03 min Scan# 1013
Delta R.T. 0.00 min
Lab File: VN056357.D
Acq: 18 Jun 2019 11:45

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 96 Resp: 67897
Ion Ratio Lower Upper
96 100
61 142.7 109.8 164.6
98 66.5 52.0 78.0

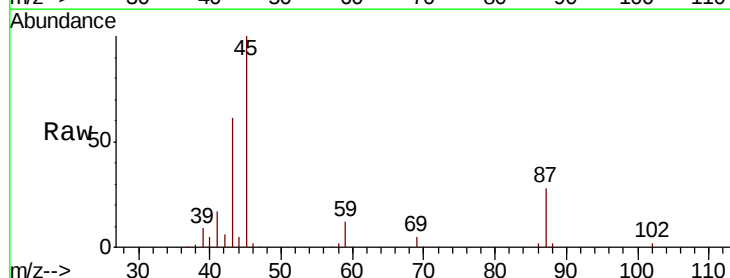


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

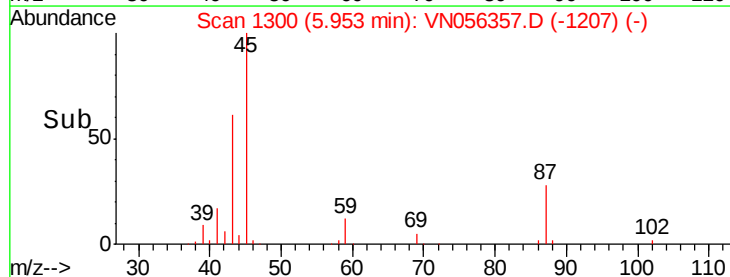
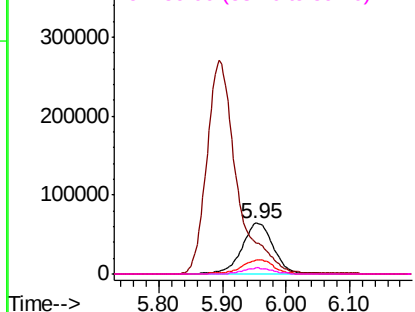


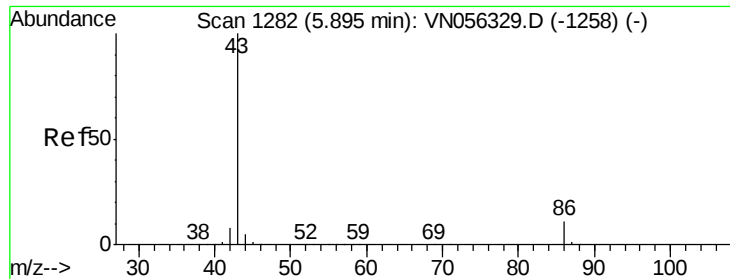
#22
Diisopropyl ether
Concen: 20.252 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: VN056357.D
Acq: 18 Jun 2019 11:45

Tgt Ion: 45 Resp: 222699
Ion Ratio Lower Upper
45 100
43 59.6 47.0 70.6
87 27.6 22.4 33.6
59 11.6 9.2 13.8



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

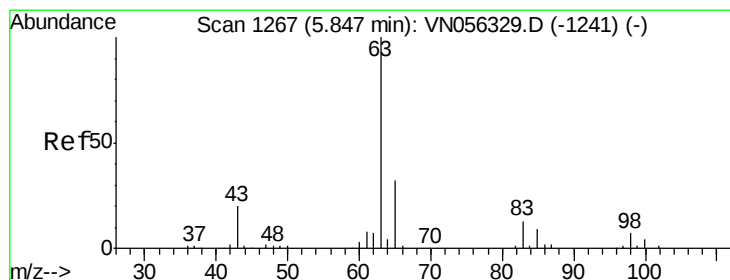
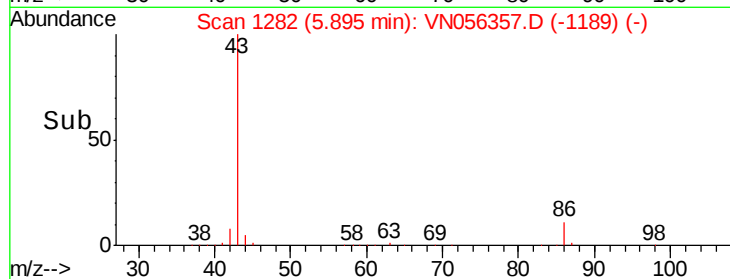
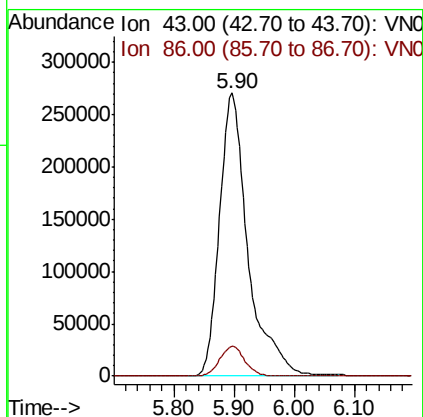
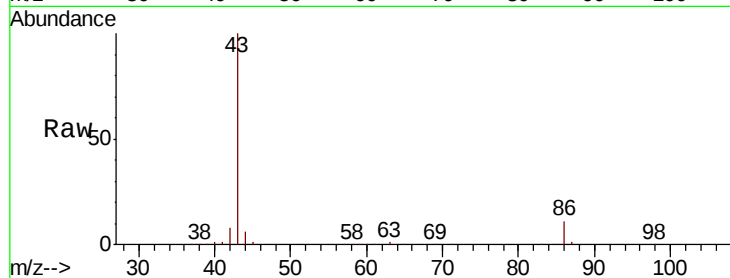




#23
 Vinyl Acetate
 Concen: 99.409 ug/l
 RT: 5.90 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: VN056357.D
 Acq: 18 Jun 2019 11:45

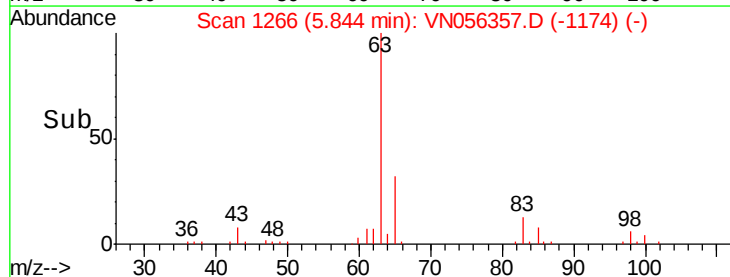
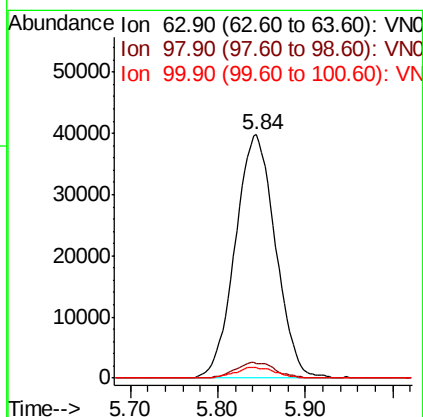
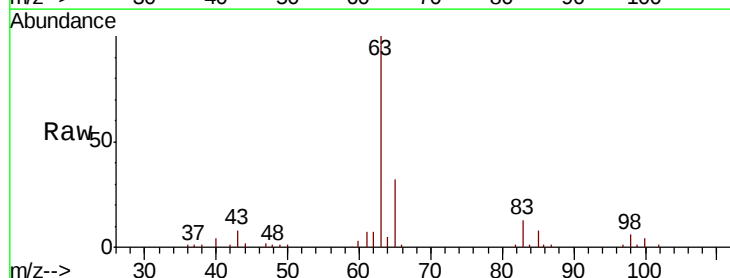
Instrument :
 MSVOA_N
 ClientSampled :

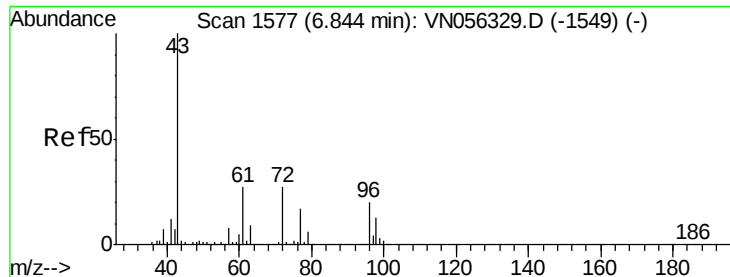
Tot Ion: 43 Resp: 889366
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 19.676 ug/l
 RT: 5.84 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: VN056357.D
 Acq: 18 Jun 2019 11:45

Tgt Ion: 63 Resp: 126852
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.3 9.8
 100 4.3 2.2 6.6





#25

2-Butanone

Concen: 96.975 ug/l

RT: 6.85 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VN056357.D

Acq: 18 Jun 2019 11:45

Instrument :

MSVOA_N

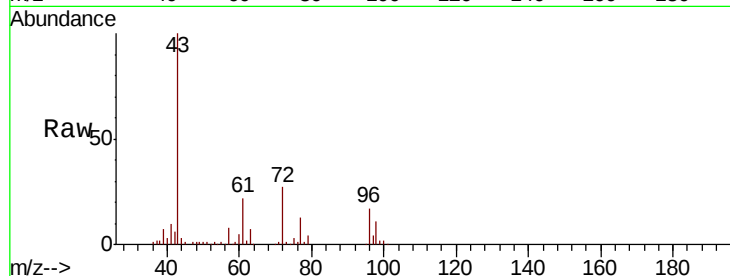
ClientSampled :

Tot Ion: 43 Resp: 262488

Ion Ratio Lower Upper

43 100

72 26.6 21.4 32.2



Abundance Ion 43.00 (42.70 to 43.70): VN056329.D (-1549) (-)

Ion 72.00 (71.70 to 72.70): VN056329.D (-1549) (-)

6.85

100000

80000

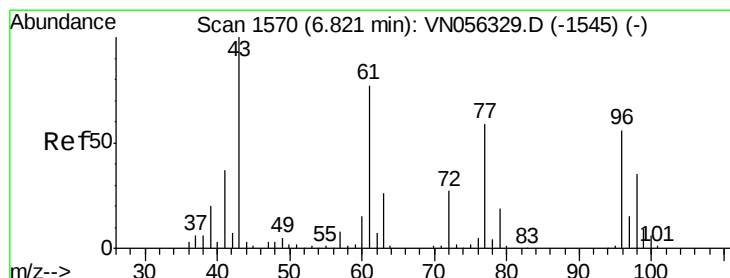
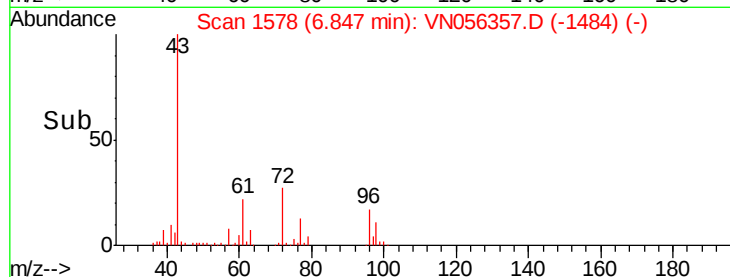
60000

40000

20000

0

Time-->



#26

2,2-Dichloropropane

Concen: 17.874 ug/l

RT: 6.82 min Scan# 1570

Delta R.T. 0.00 min

Lab File: VN056357.D

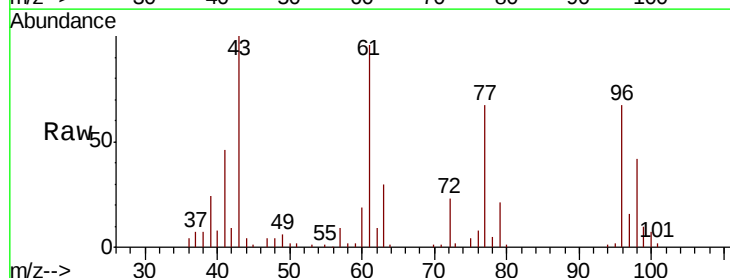
Acq: 18 Jun 2019 11:45

Tgt Ion: 77 Resp: 83330

Ion Ratio Lower Upper

77 100

97 24.8 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VN056329.D (-1545) (-)

Ion 96.90 (96.60 to 97.60): VN056329.D (-1545) (-)

6.82

30000

25000

20000

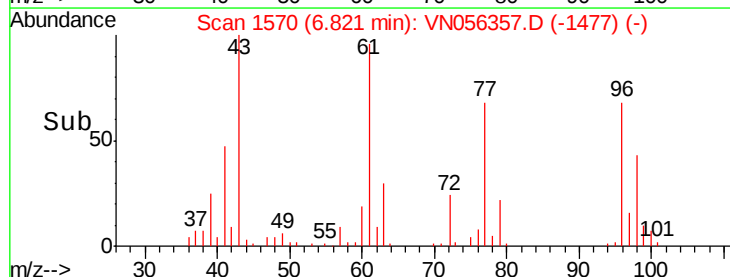
15000

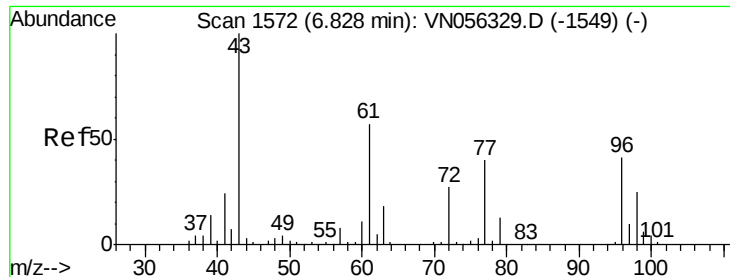
10000

5000

0

Time-->





#27

cis-1,2-Dichloroethene

Concen: 19.250 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. -0.00 min

Lab File: VN056357.D

Acq: 18 Jun 2019 11:45

Instrument :

MSVOA_N

ClientSampleId :

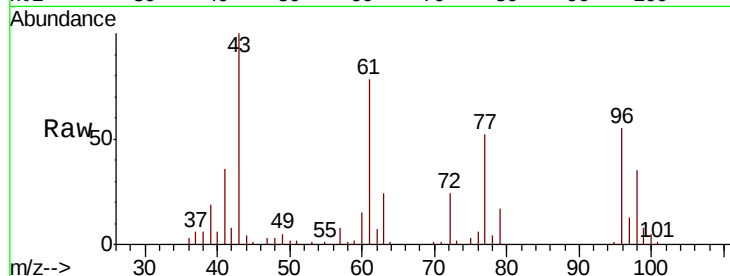
Tot Ion: 96 Resp: 79106

Ion Ratio Lower Upper

96 100

61 139.6 0.0 278.6

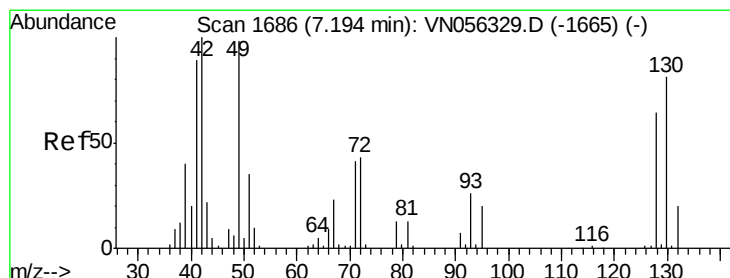
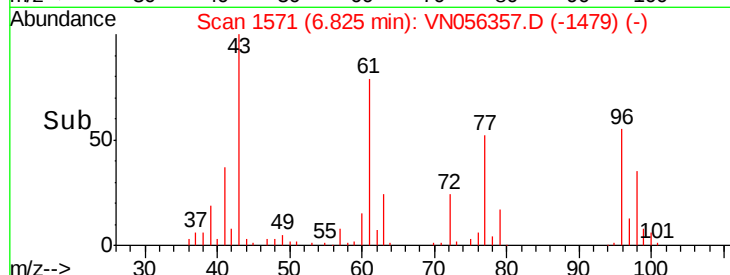
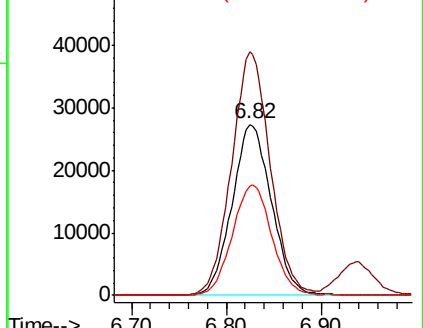
98 64.4 0.0 127.0



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 20.616 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VN056357.D

Acq: 18 Jun 2019 11:45

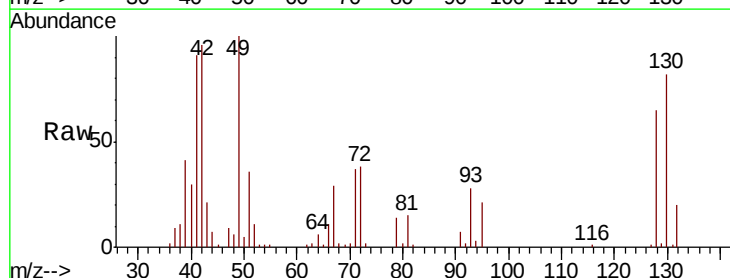
Tgt Ion: 49 Resp: 66558

Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.4

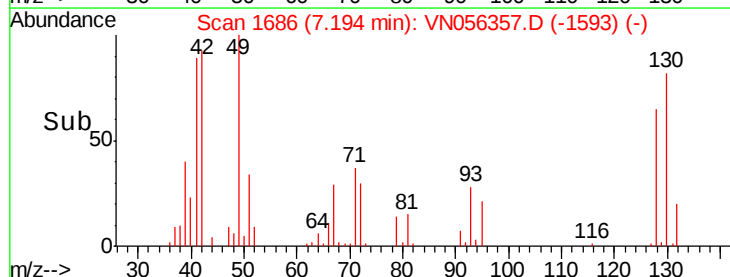
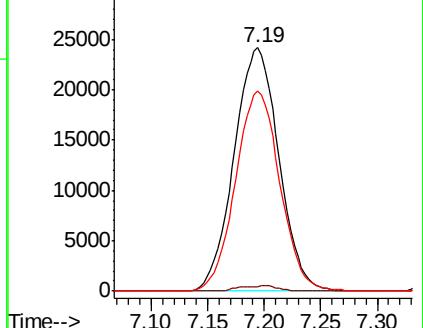
130 81.4 66.4 99.6

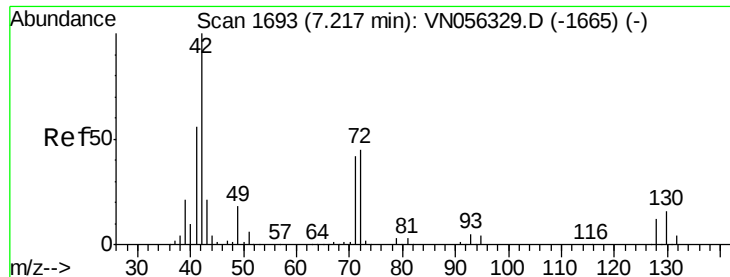


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

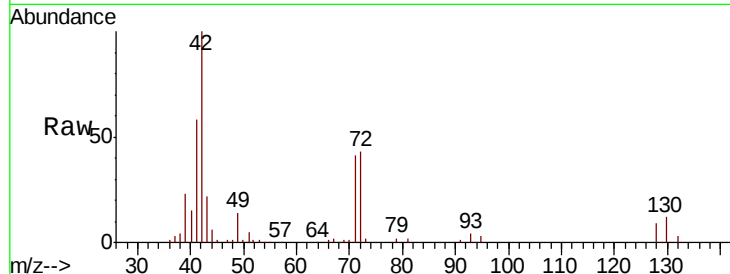




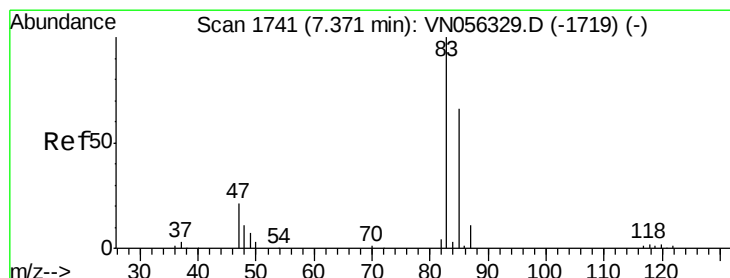
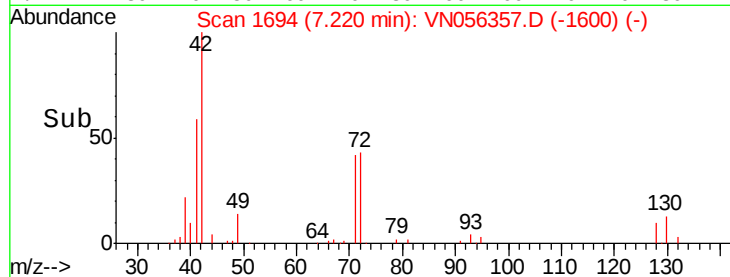
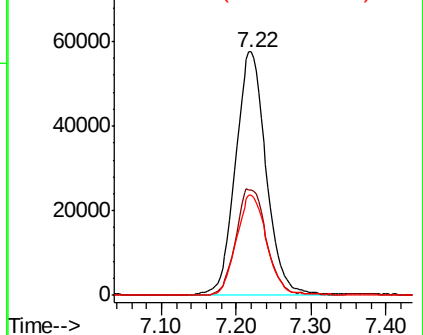
#29
Tetrahydrofuran
Concen: 102.241 ug/l
RT: 7.22 min Scan# 1694
Delta R.T. 0.00 min
Lab File: VN056357.D
Acq: 18 Jun 2019 11:45

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 42 Resp: 164385
Ion Ratio Lower Upper
42 100
72 43.4 35.3 52.9
71 40.6 32.7 49.1

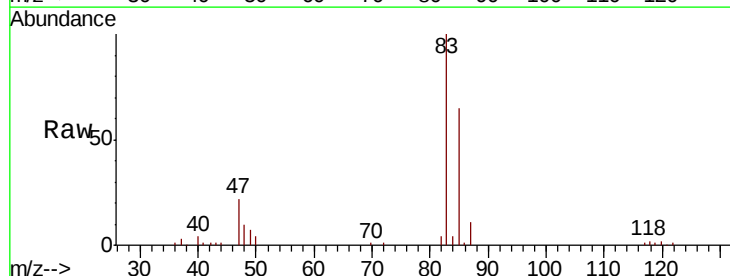


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

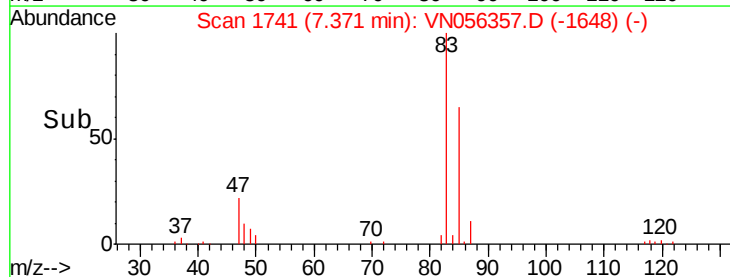
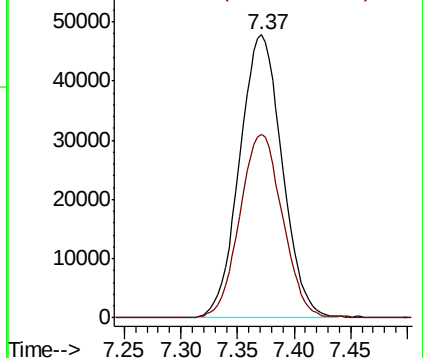


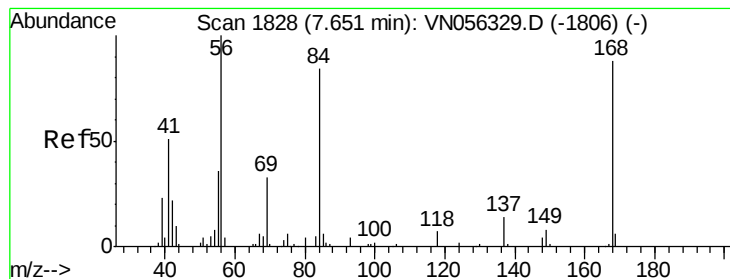
#30
Chloroform
Concen: 19.514 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN056357.D
Acq: 18 Jun 2019 11:45

Tgt Ion: 83 Resp: 125319
Ion Ratio Lower Upper
83 100
85 64.7 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 19.552 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VN056357.D

Acq: 18 Jun 2019 11:45

Instrument :
MSVOA_N
ClientSampleId :

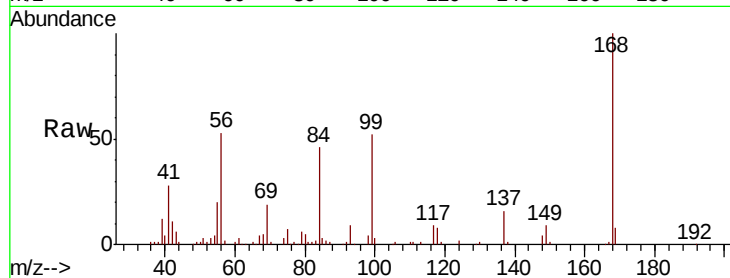
Tot Ion: 56 Resp: 121788

Ion Ratio Lower Upper

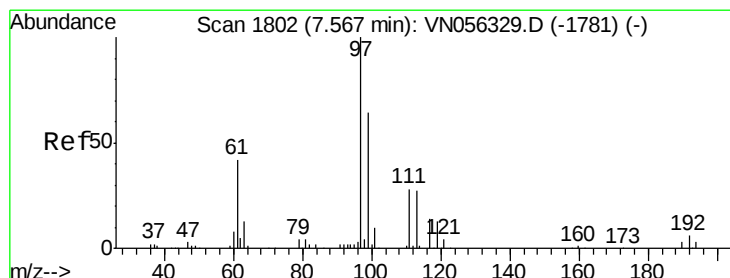
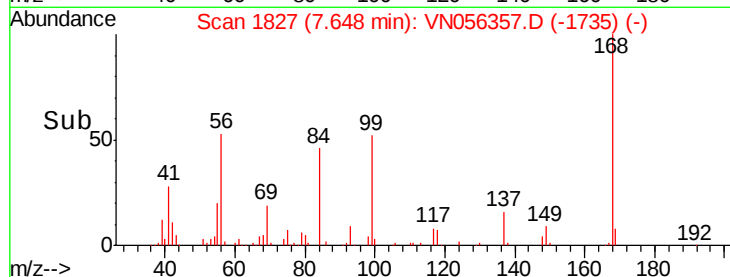
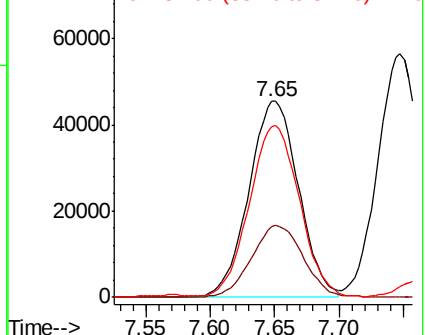
56 100

69 36.1 26.0 39.0

84 86.4 67.4 101.0



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: 18.260 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN056357.D

Acq: 18 Jun 2019 11:45

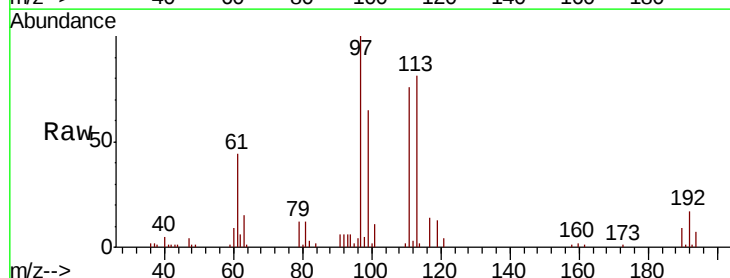
Tgt Ion: 97 Resp: 97138

Ion Ratio Lower Upper

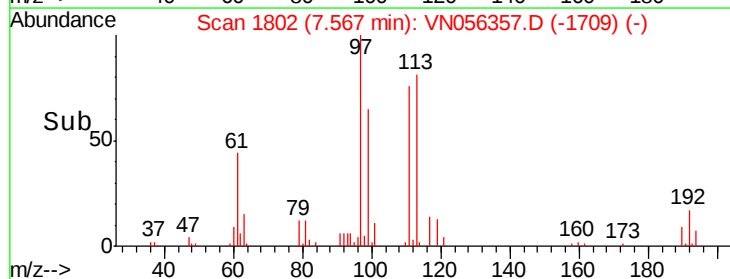
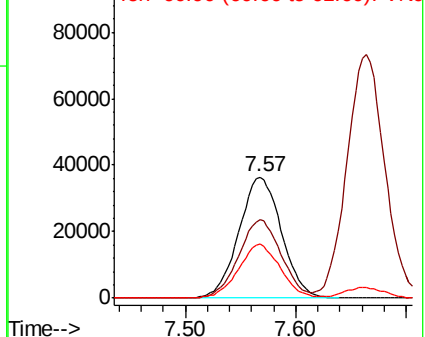
97 100

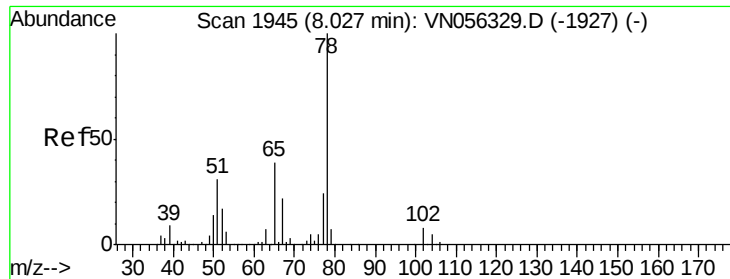
99 64.8 51.4 77.0

61 43.7 34.4 51.6



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

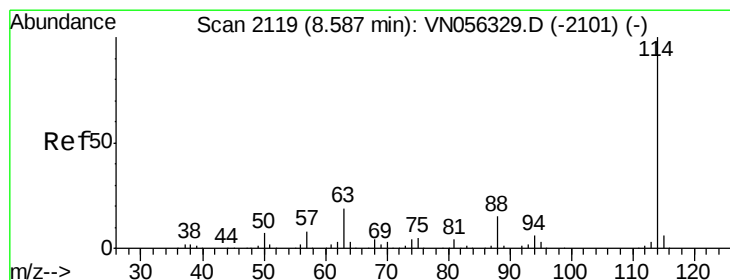
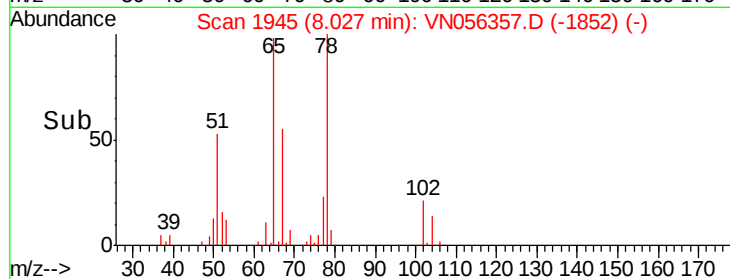
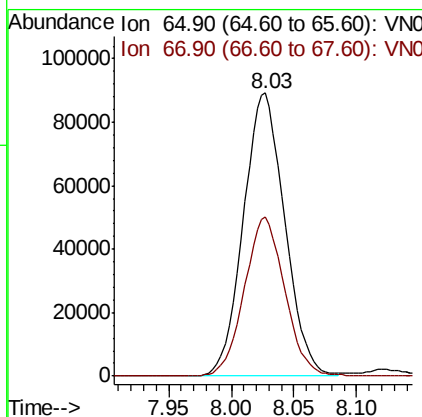
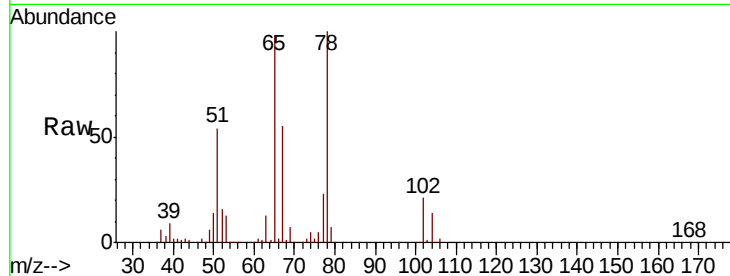




#33
 1,2-Dichloroethane-d4
 Concen: 50.760 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN056357.D
 Acq: 18 Jun 2019 11:45

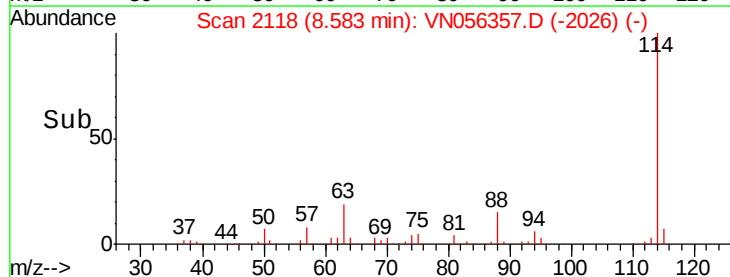
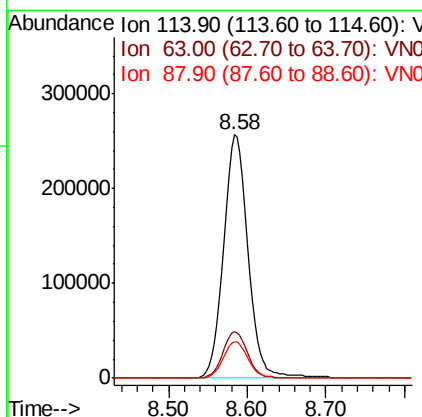
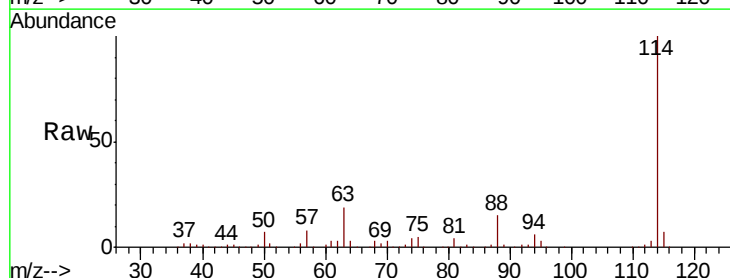
Instrument :
 MSVOA_N
 ClientSampleId :

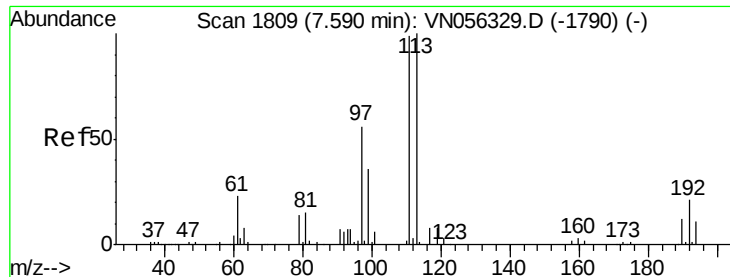
Tot Ion: 65 Resp: 205143
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 110.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN056357.D
 Acq: 18 Jun 2019 11:45

Tgt Ion: 114 Resp: 549371
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 38.8
 88 14.9 0.0 30.6

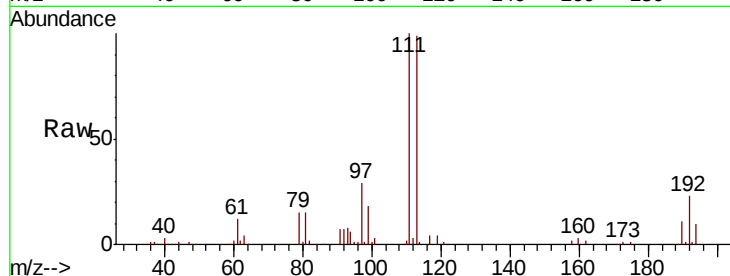




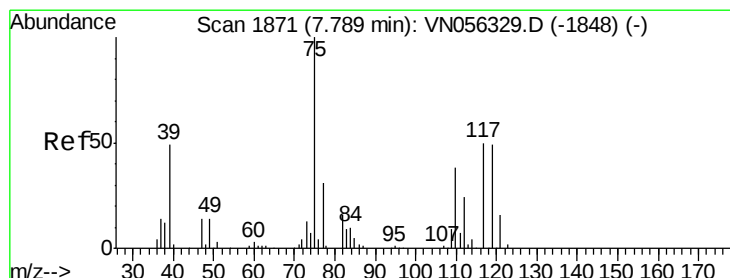
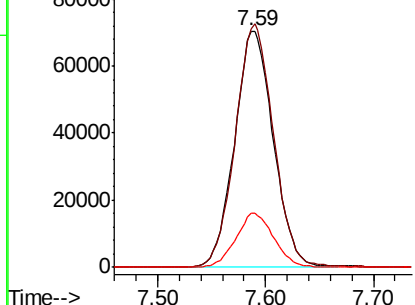
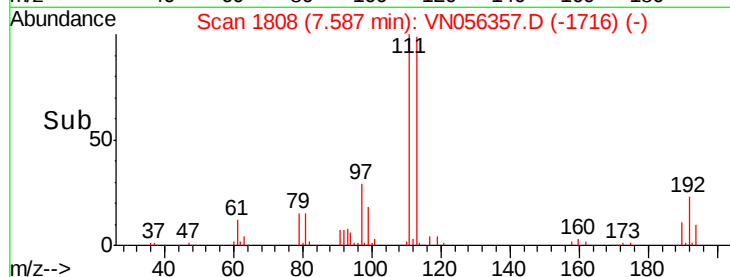
#35
 Dibromofluoromethane
 Concen: 49.909 ug/l
 RT: 7.59 min Scan# 1808
 Delta R.T. -0.00 min
 Lab File: VN056357.D
 Acq: 18 Jun 2019 11:45

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:113 Resp: 175829
 Ion Ratio Lower Upper
 113 100
 111 101.8 82.1 123.1
 192 22.4 17.6 26.4

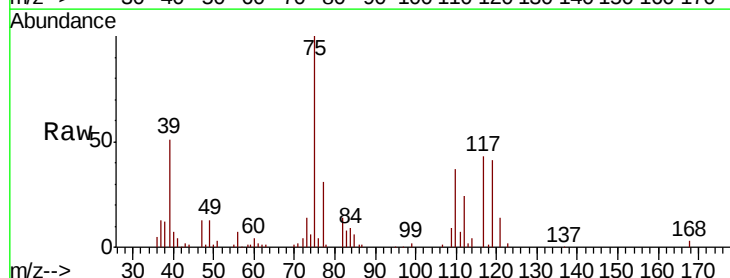


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

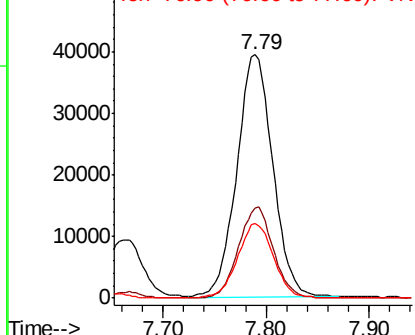
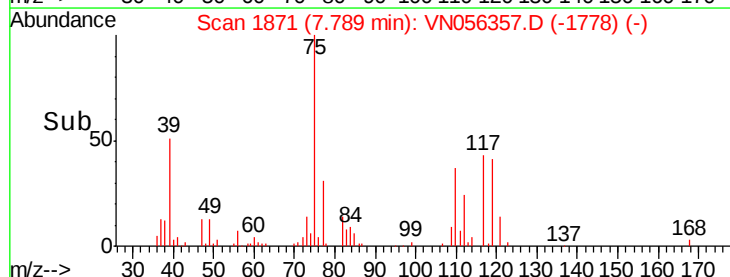


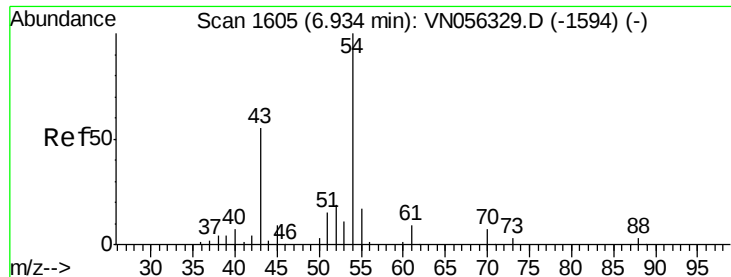
#36
 1,1-Dichloropropene
 Concen: 19.398 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: VN056357.D
 Acq: 18 Jun 2019 11:45

Tgt Ion: 75 Resp: 95896
 Ion Ratio Lower Upper
 75 100
 110 36.1 18.6 56.0
 77 30.7 25.0 37.6



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

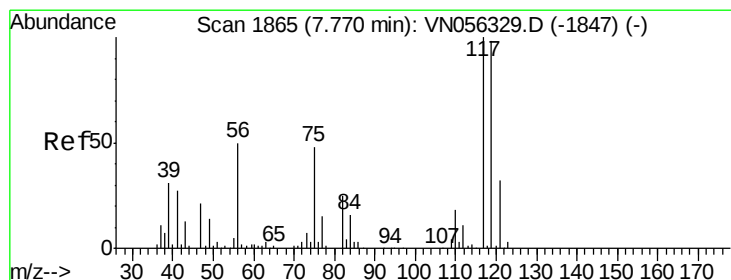
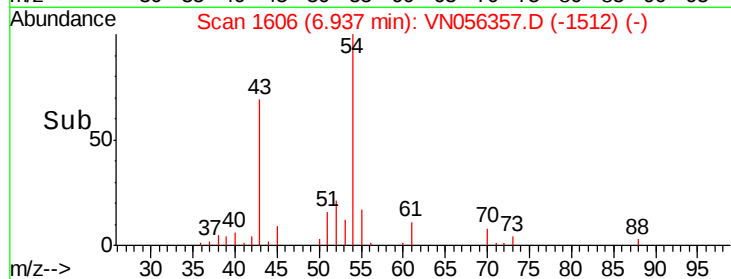
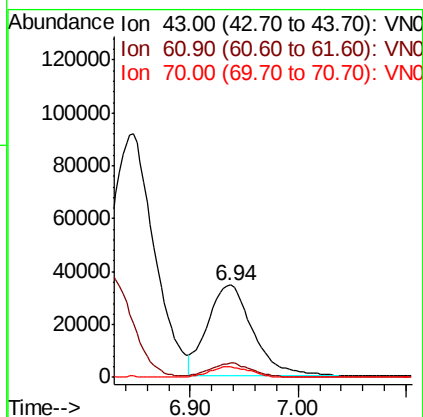
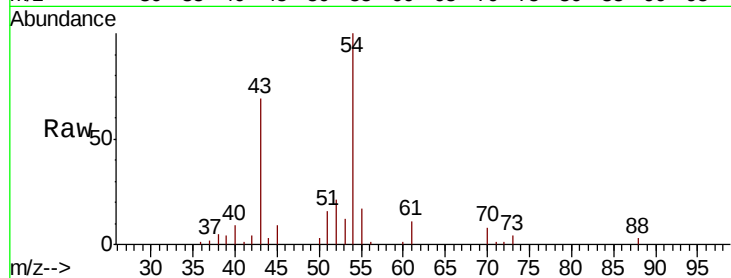




#37
Ethyl Acetate
Concen: 21.390 ug/l
RT: 6.94 min Scan# 1606
Delta R.T. 0.00 min
Lab File: VN056357.D
Acq: 18 Jun 2019 11:45

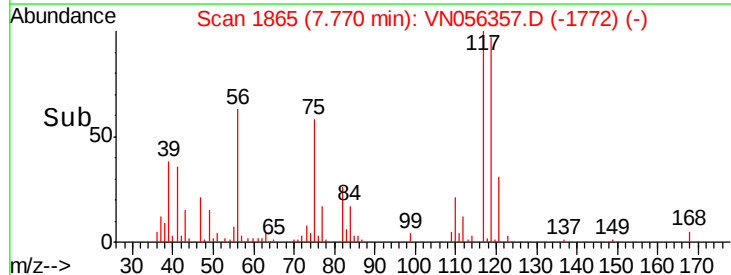
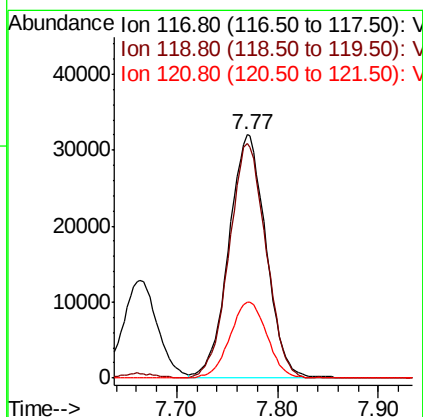
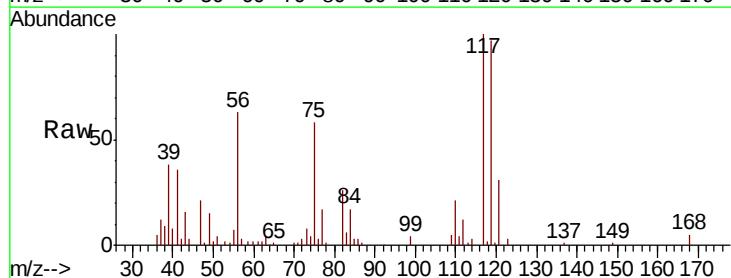
Instrument :
MSVOA_N
ClientSampleId :

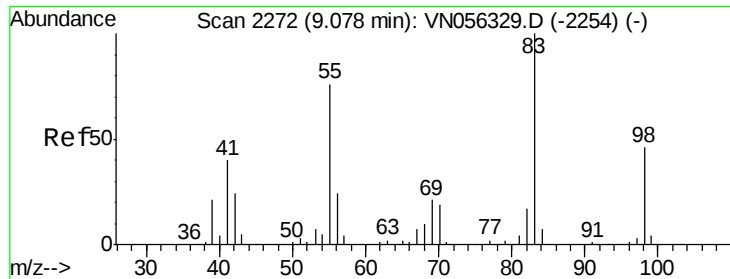
Tot Ion: 43 Resp: 100215
Ion Ratio Lower Upper
43 100
61 13.9 11.7 17.5
70 10.7 8.3 12.5



#38
Carbon Tetrachloride
Concen: 17.272 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN056357.D
Acq: 18 Jun 2019 11:45

Tgt Ion: 117 Resp: 81958
Ion Ratio Lower Upper
117 100
119 96.5 77.8 116.8
121 31.4 25.3 37.9

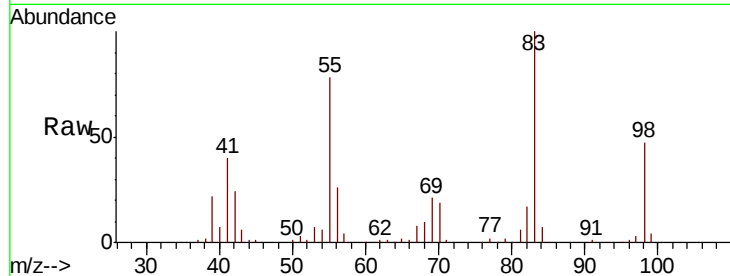




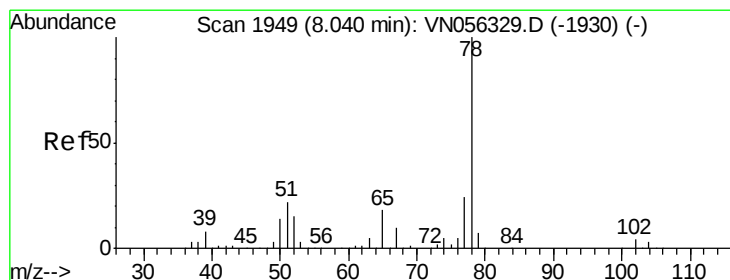
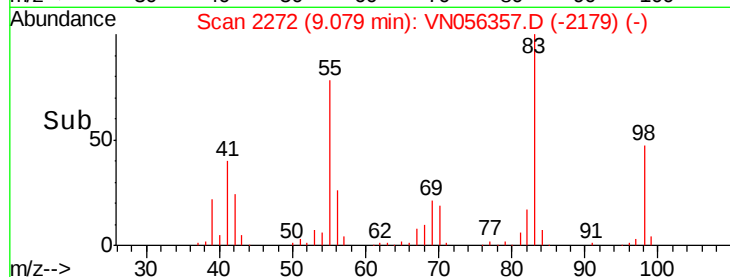
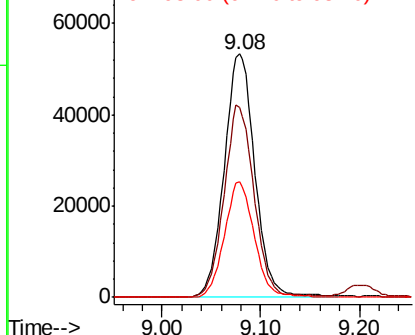
#39
Methvlcvclohexane
Concen: 19.241 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN056357.D
Acq: 18 Jun 2019 11:45

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 83 Resp: 116025
Ion Ratio Lower Upper
83 100
55 78.2 60.8 91.2
98 47.5 36.8 55.2

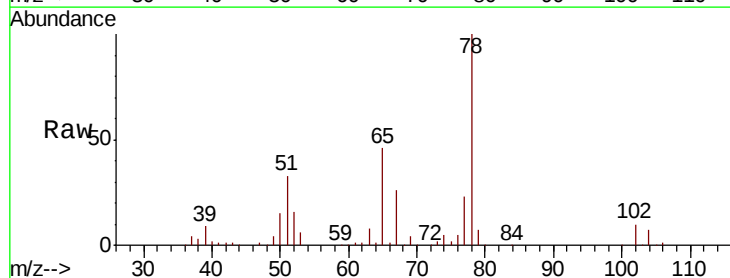


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

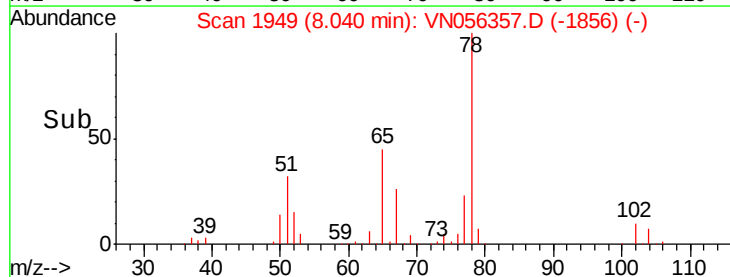
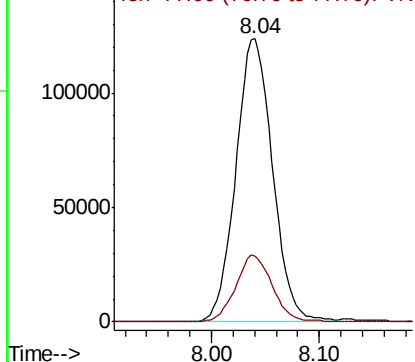


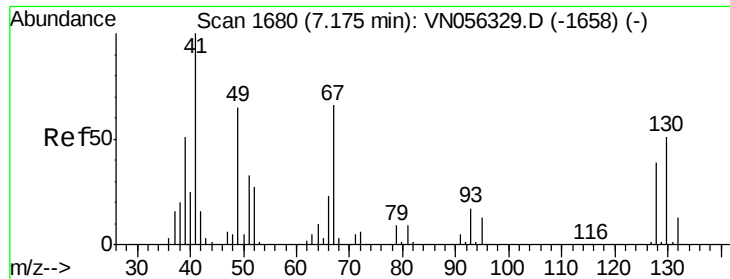
#40
Benzene
Concen: 19.584 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN056357.D
Acq: 18 Jun 2019 11:45

Tgt Ion: 78 Resp: 293701
Ion Ratio Lower Upper
78 100
77 23.3 19.2 28.8



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

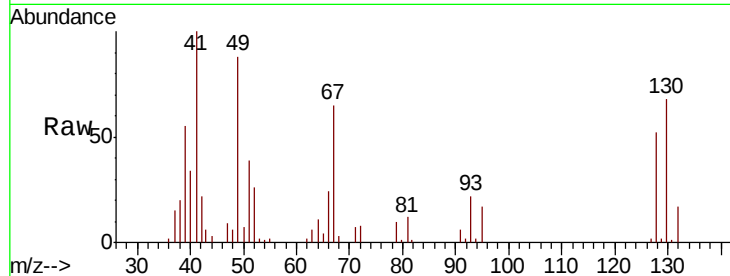




#41
Methacrylonitrile
Concen: 19.798 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VN056357.D
Acq: 18 Jun 2019 11:45

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:	41	Resp:	42592
Ion	Ratio	Lower	Upper
41	100		
39	58.2	44.5	66.7
67	92.8	69.0	103.4
52	36.7	28.1	42.1



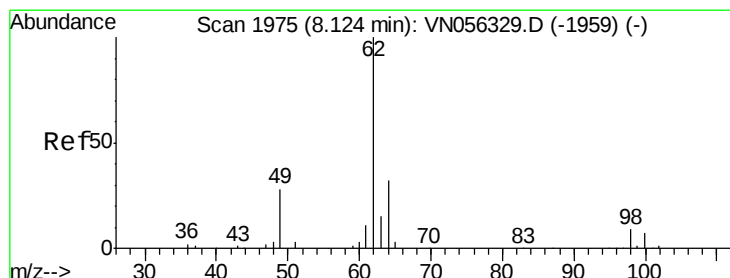
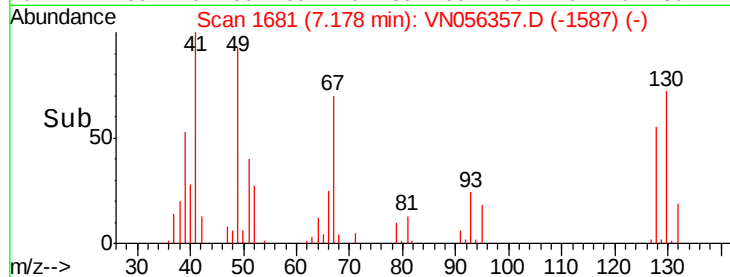
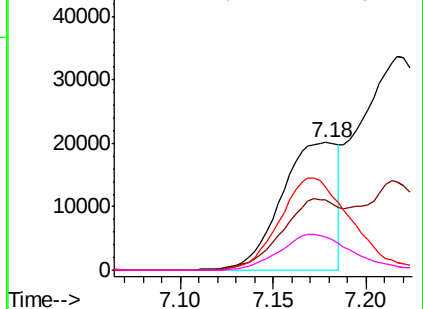
Abundance

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

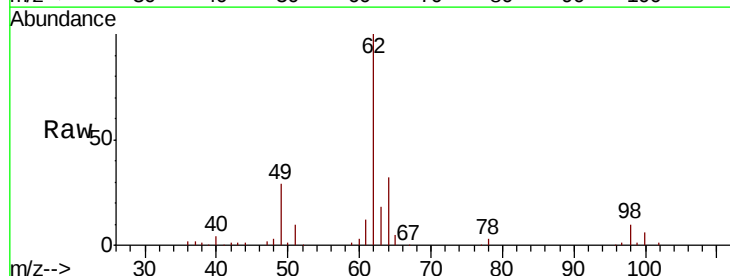
Ion 67.00 (66.70 to 67.70): VNO

Ion 52.00 (51.70 to 52.70): VNO



#42
1,2-Dichloroethane
Concen: 19.849 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN056357.D
Acq: 18 Jun 2019 11:45

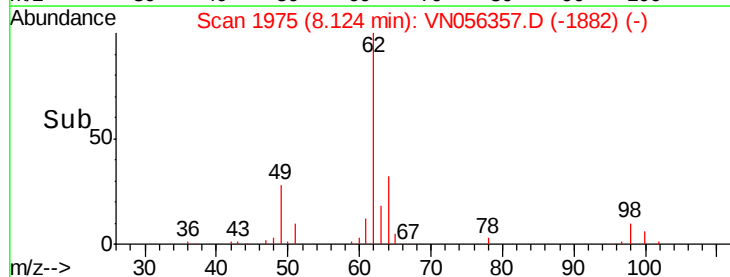
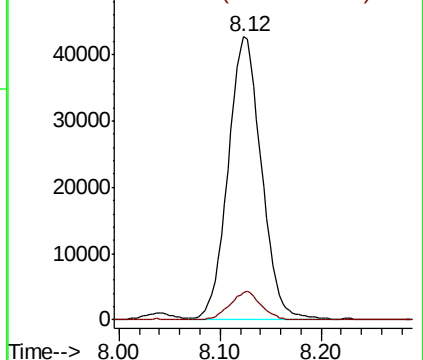
Tgt Ion:	62	Resp:	97617
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	19.4

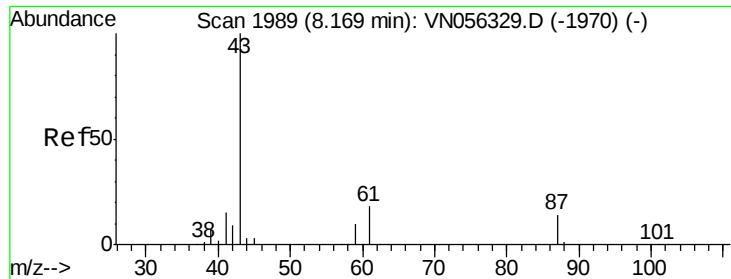


Abundance

Ion 61.90 (61.60 to 62.60): VNO

Ion 97.90 (97.60 to 98.60): VNO





#43

Isopropyl Acetate

Concen: 18.870 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN056357.D

Acq: 18 Jun 2019 11:45

Instrument :

MSVOA_N

ClientSampleId :

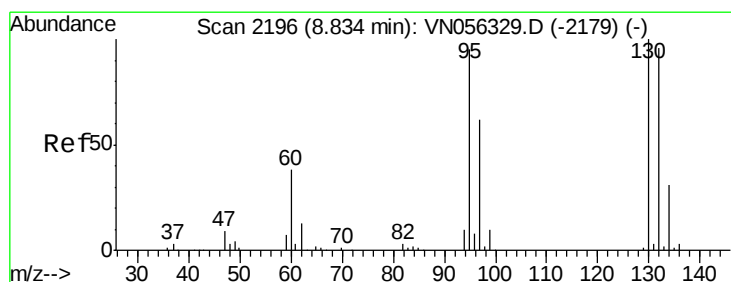
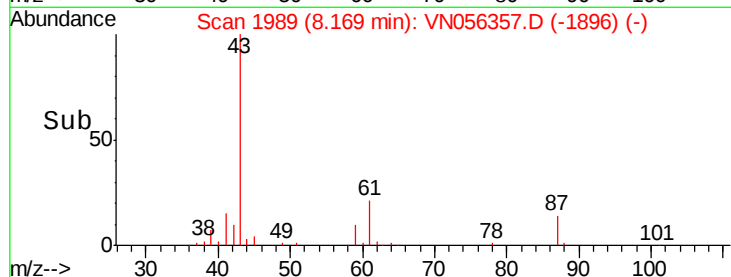
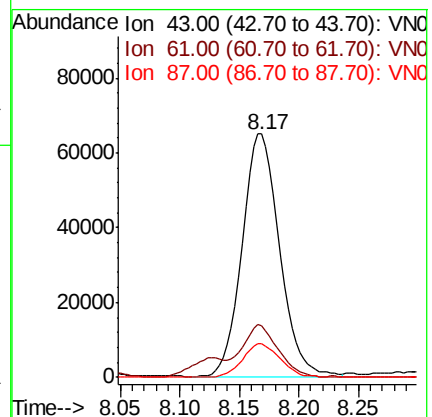
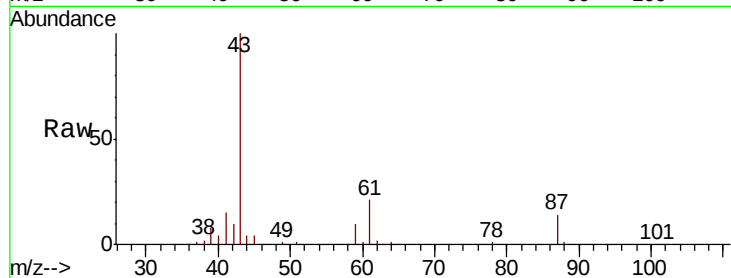
Tot Ion: 43 Resp: 141418

Ion Ratio Lower Upper

43 100

61 20.3 16.6 25.0

87 14.0 11.0 16.4



#44

Trichloroethene

Concen: 19.539 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN056357.D

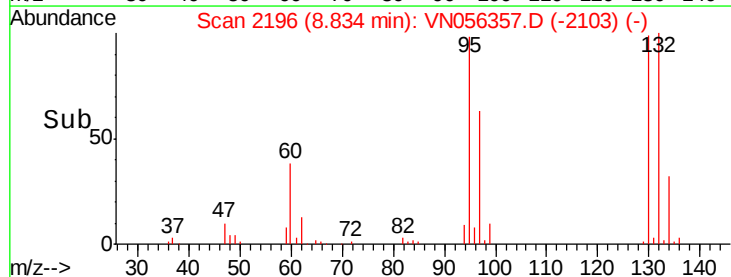
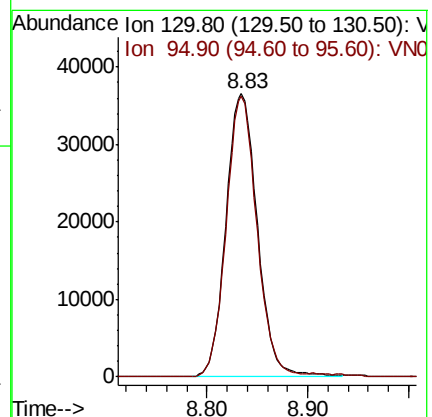
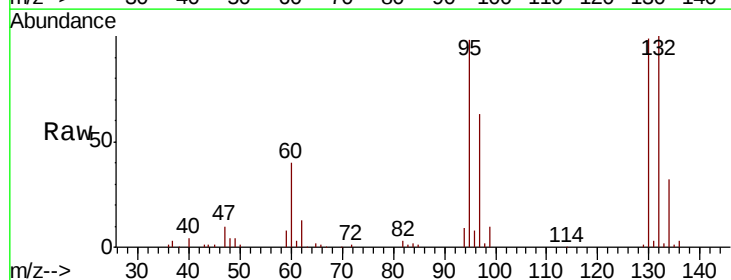
Acq: 18 Jun 2019 11:45

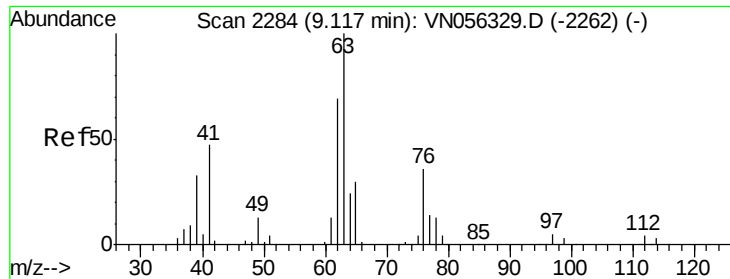
Tgt Ion: 130 Resp: 79686

Ion Ratio Lower Upper

130 100

95 99.4 0.0 190.4

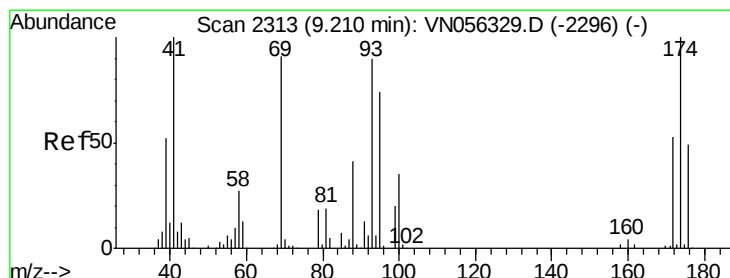
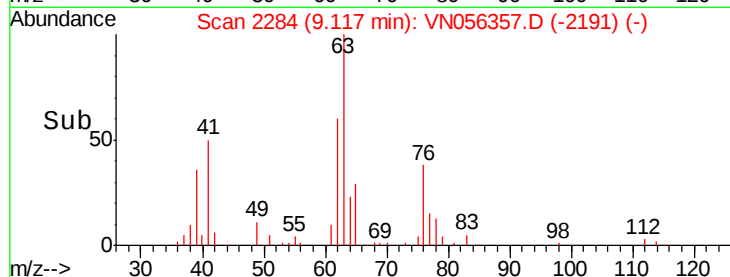
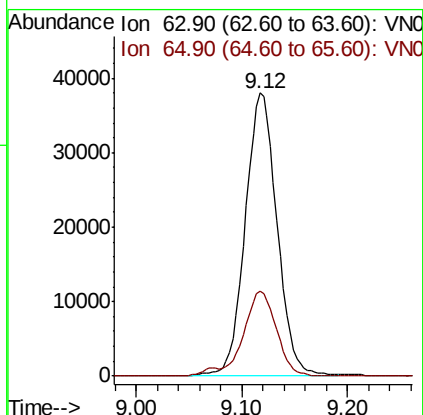
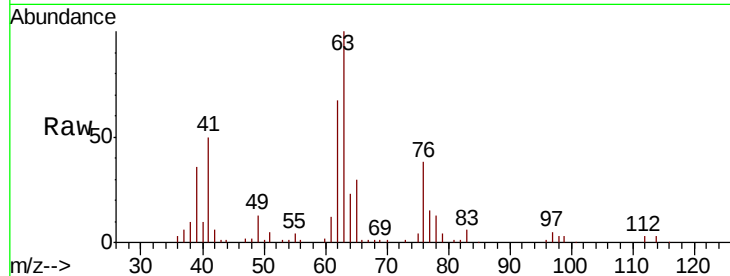




#45
 1,2-Dichloropropane
 Concen: 20.200 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN056357.D
 Acq: 18 Jun 2019 11:45

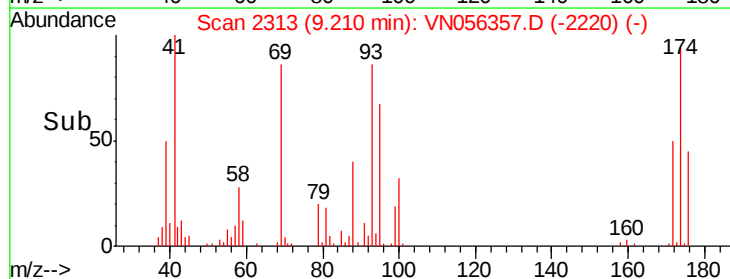
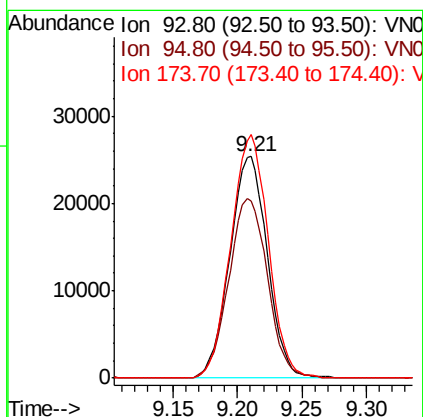
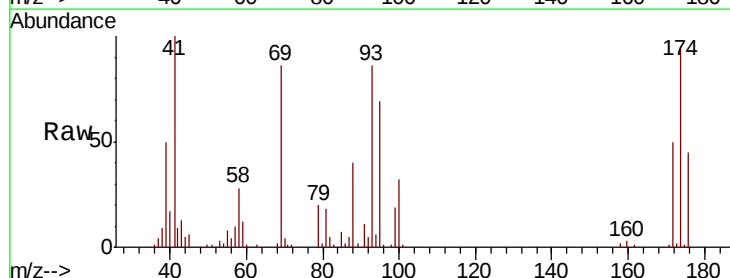
Instrument :
 MSVOA_N
 ClientSampled :

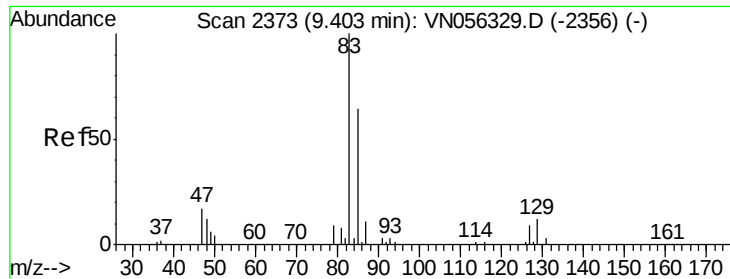
Tot Ion: 63 Resp: 80062
 Ion Ratio Lower Upper
 63 100
 65 30.2 24.4 36.6



#46
 Dibromomethane
 Concen: 19.545 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN056357.D
 Acq: 18 Jun 2019 11:45

Tgt Ion: 93 Resp: 51478
 Ion Ratio Lower Upper
 93 100
 95 83.5 67.2 100.8
 174 109.4 90.3 135.5





#47

Bromodichloromethane

Concen: 17.424 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN056357.D

Acq: 18 Jun 2019 11:45

Instrument :

MSVOA_N

ClientSampled :

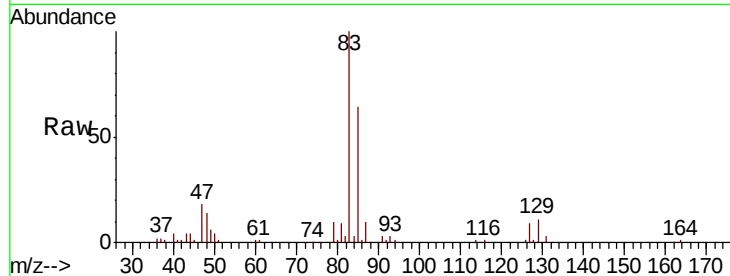
Tot Ion: 83 Resp: 87677

Ion Ratio Lower Upper

83 100

85 63.6 51.1 76.7

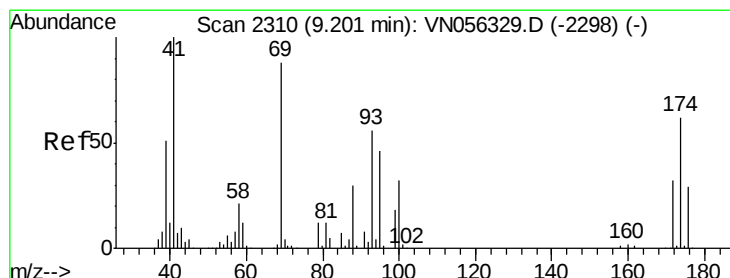
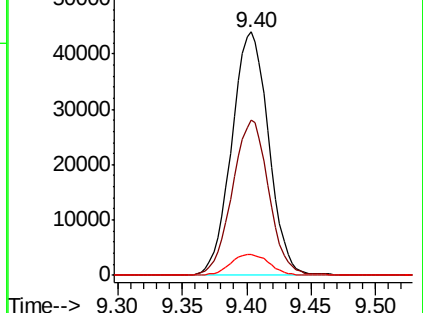
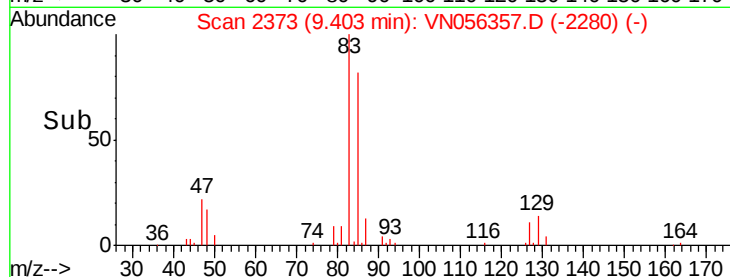
127 8.6 7.1 10.7



Abundance Ion 82.90 (82.60 to 83.60): VN056357.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN056357.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN056357.D (-2280) (-)



#48

Methyl methacrylate

Concen: 18.547 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN056357.D

Acq: 18 Jun 2019 11:45

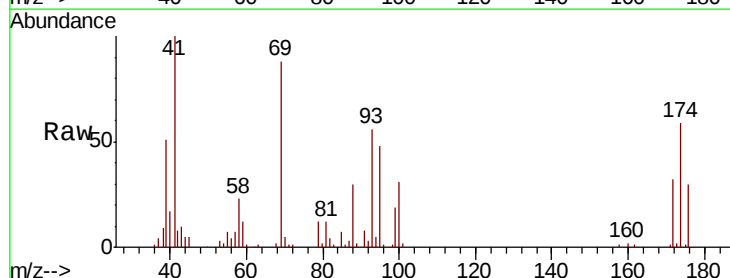
Tgt Ion: 41 Resp: 70130

Ion Ratio Lower Upper

41 100

69 91.3 71.0 106.6

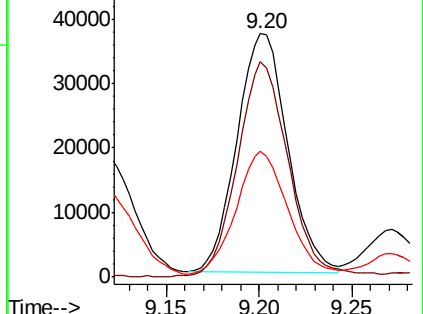
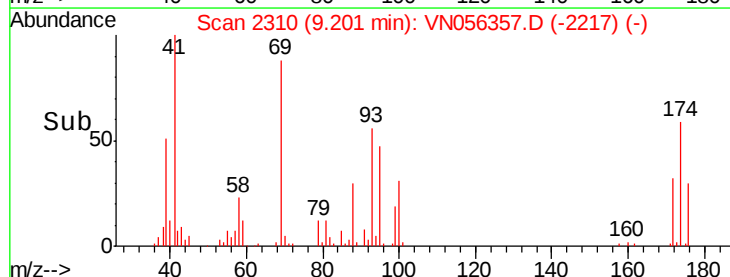
39 55.2 41.7 62.5

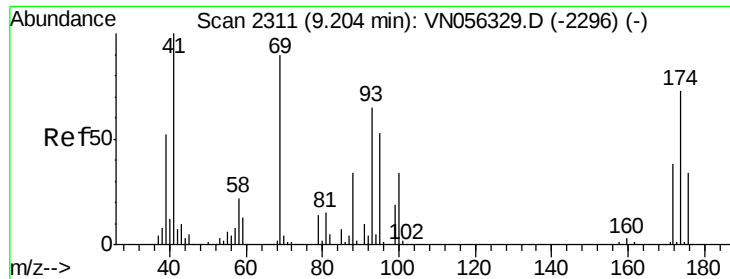


Abundance Ion 41.00 (40.70 to 41.70): VN056357.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN056357.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN056357.D (-2217) (-)





#49

1,4-Dioxane

Concen: 391.751 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN056357.D

Acq: 18 Jun 2019 11:45

Instrument :
MSVOA_N
ClientSampleId :

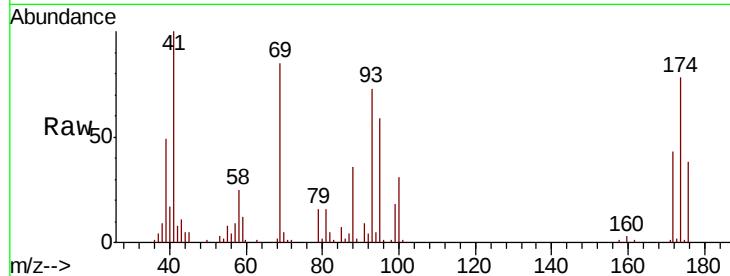
Tot Ion: 88 Resp: 29881

Ion Ratio Lower Upper

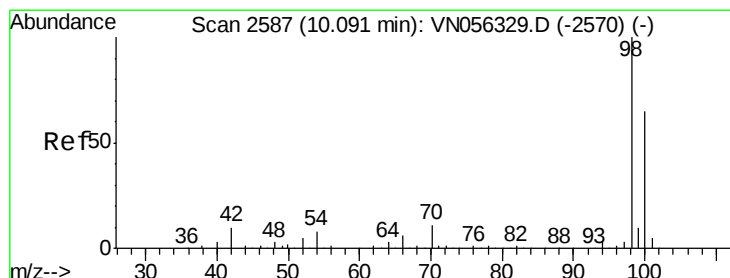
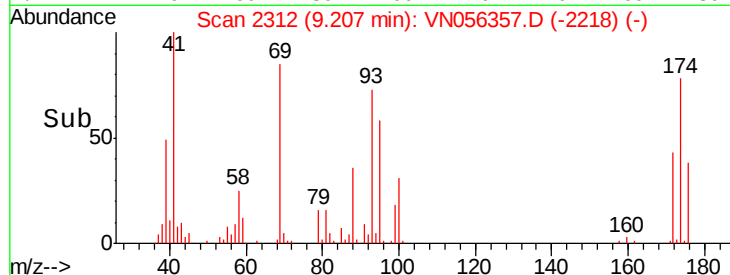
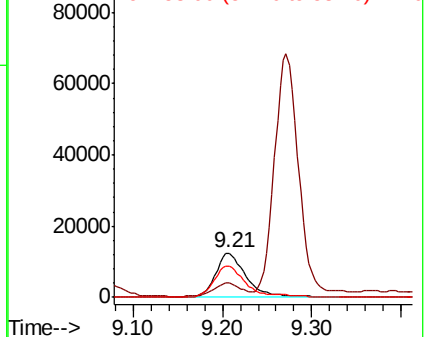
88 100

43 27.6 21.9 32.9

58 69.0 57.3 85.9



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: 50.503 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056357.D

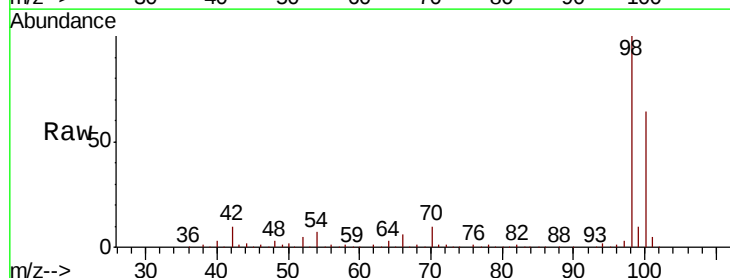
Acq: 18 Jun 2019 11:45

Tgt Ion: 98 Resp: 679704

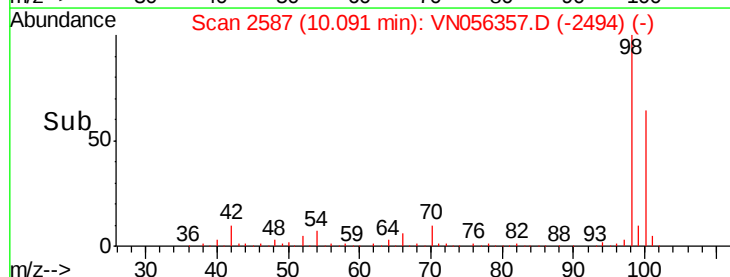
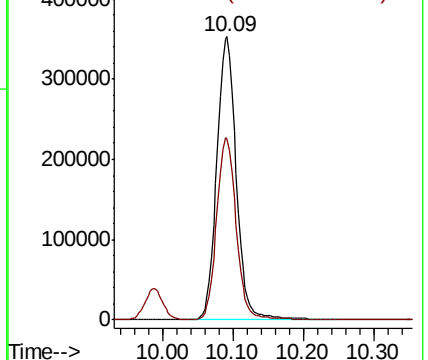
Ion Ratio Lower Upper

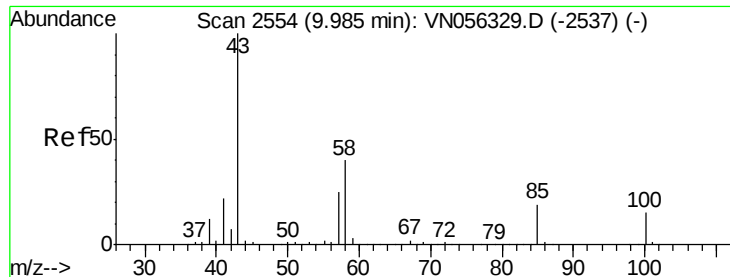
98 100

100 64.7 51.6 77.4



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: 99.791 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN056357.D

Acq: 18 Jun 2019 11:45

Instrument :

MSVOA_N

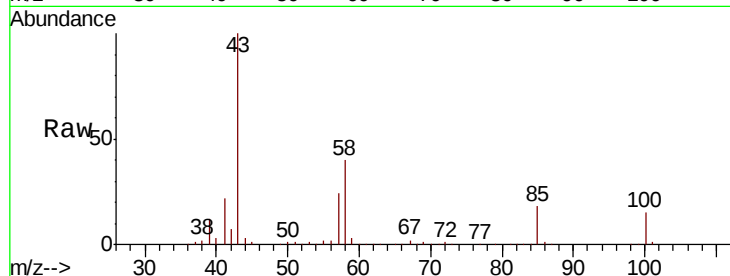
ClientSampled :

Tot Ion: 43 Resp: 476650

Ion Ratio Lower Upper

43 100

58 39.4 31.8 47.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

9.99

250000

200000

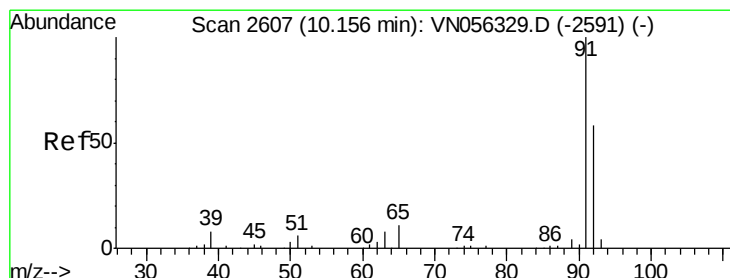
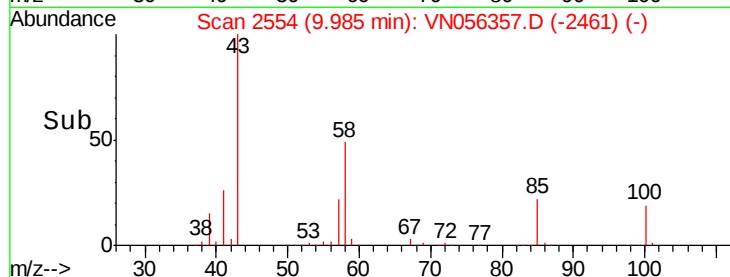
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 19.796 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN056357.D

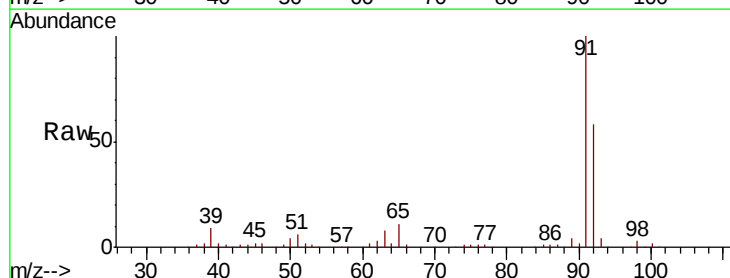
Acq: 18 Jun 2019 11:45

Tgt Ion: 92 Resp: 181203

Ion Ratio Lower Upper

92 100

91 177.3 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

10.16

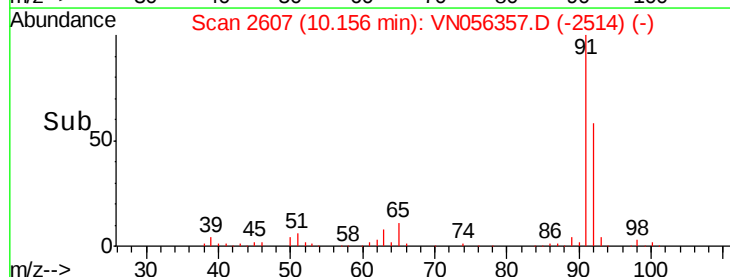
150000

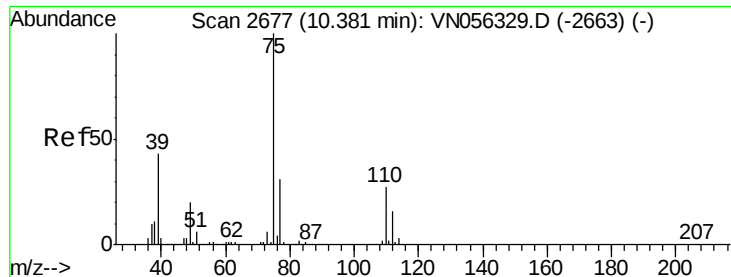
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 16.989 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN056357.D

Acq: 18 Jun 2019 11:45

Instrument :

MSVOA_N

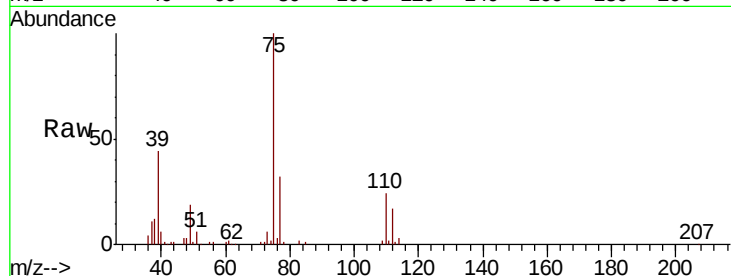
ClientSampled :

Tot Ion: 75 Resp: 84884

Ion Ratio Lower Upper

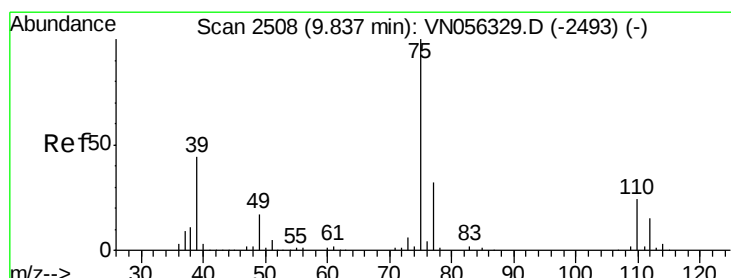
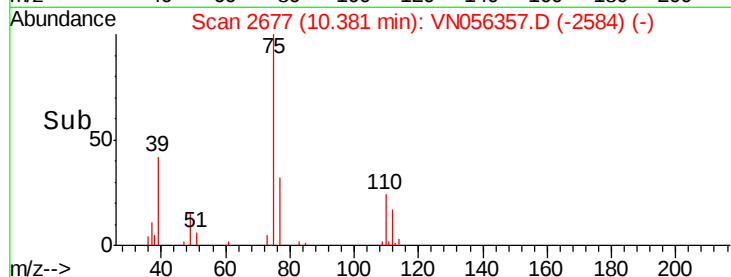
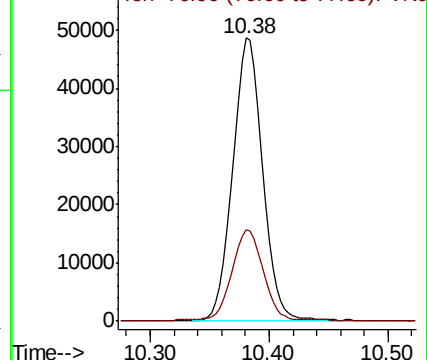
75 100

77 31.9 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 18.318 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. 0.00 min

Lab File: VN056357.D

Acq: 18 Jun 2019 11:45

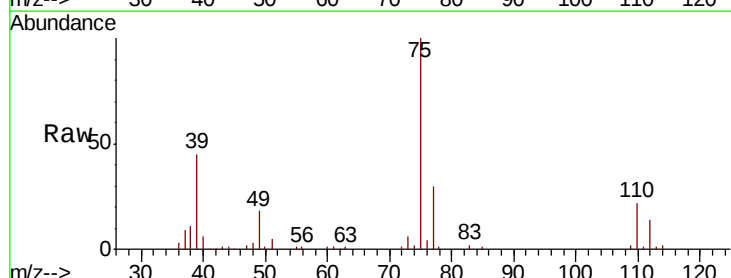
Tgt Ion: 75 Resp: 105565

Ion Ratio Lower Upper

75 100

77 30.5 25.7 38.5

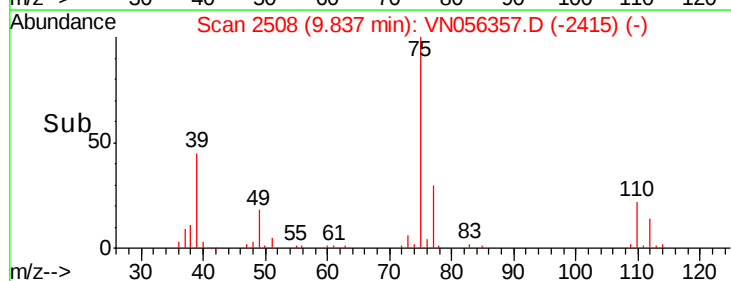
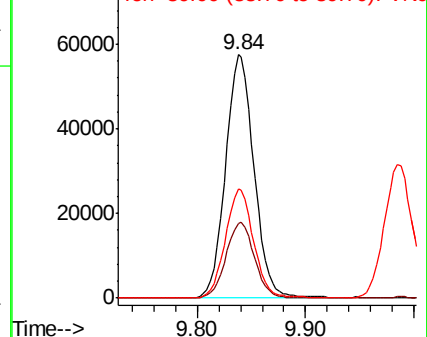
39 44.7 35.4 53.0

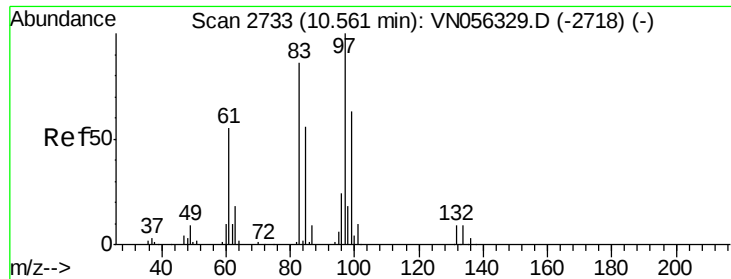


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

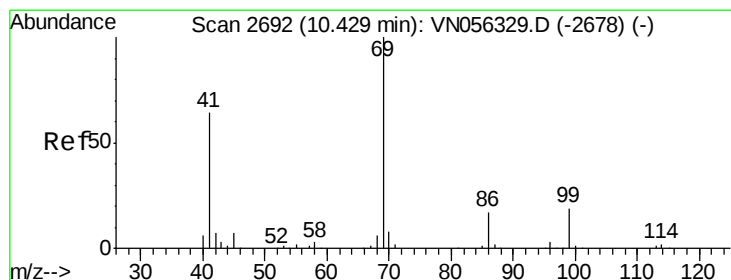
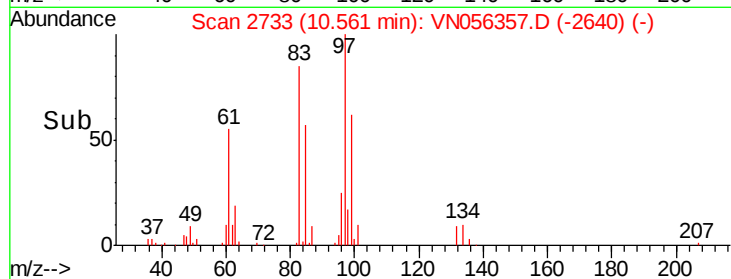
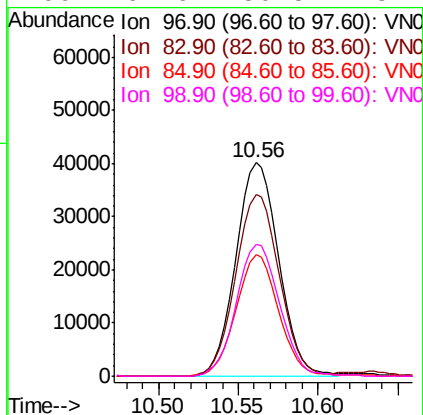
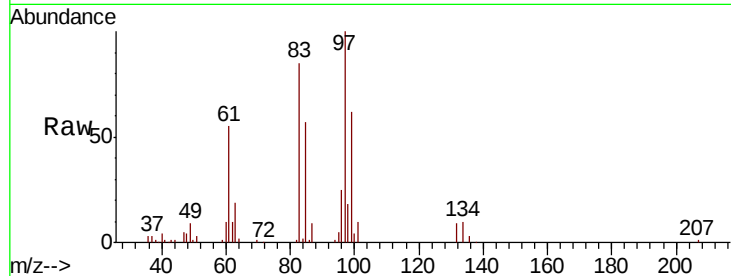




#55
 1,1,2-Trichloroethane
 Concen: 19.540 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN056357.D
 Acq: 18 Jun 2019 11:45

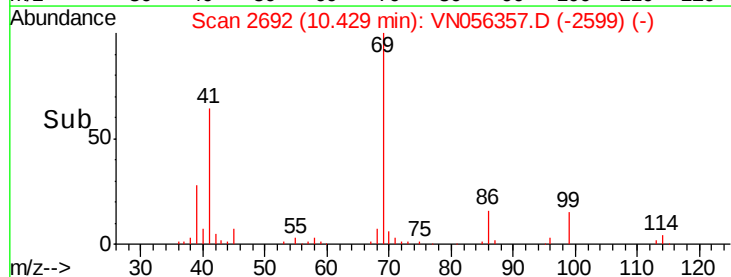
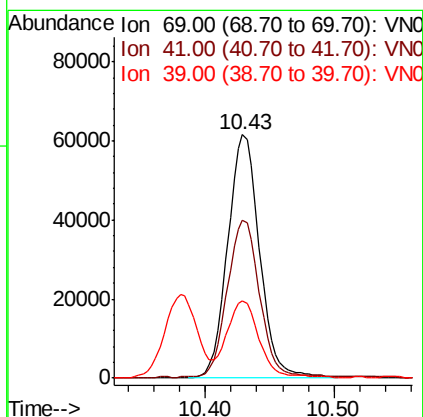
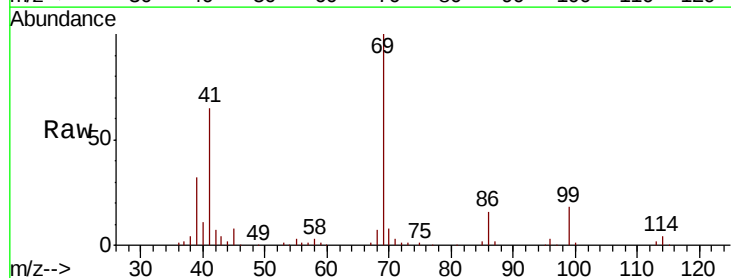
Instrument :
 MSVOA_N
 ClientSampleId :

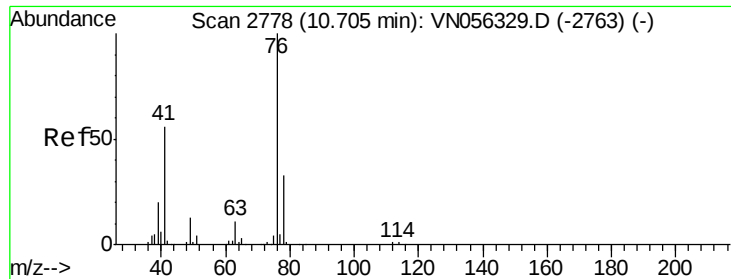
Tot Ion:	97	Resp:	73507
Ion	Ratio	Lower	Upper
97	100		
83	85.0	69.0	103.4
85	56.8	44.6	67.0
99	61.6	50.5	75.7



#56
 Ethyl methacrylate
 Concen: 19.586 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN056357.D
 Acq: 18 Jun 2019 11:45

Tgt Ion:	69	Resp:	105963
Ion	Ratio	Lower	Upper
69	100		
41	65.1	52.0	78.0
39	31.4	24.4	36.6

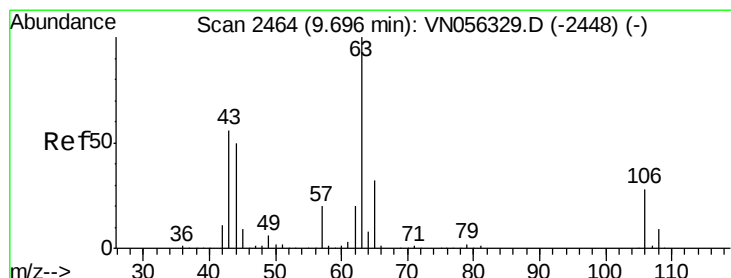
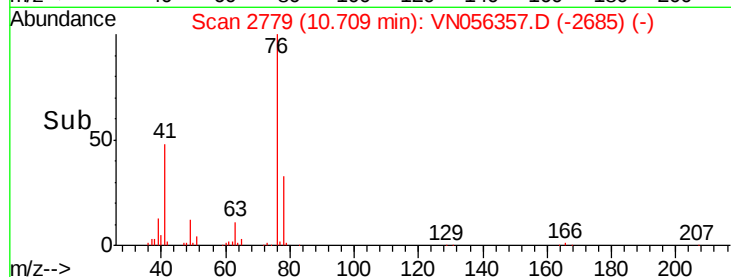
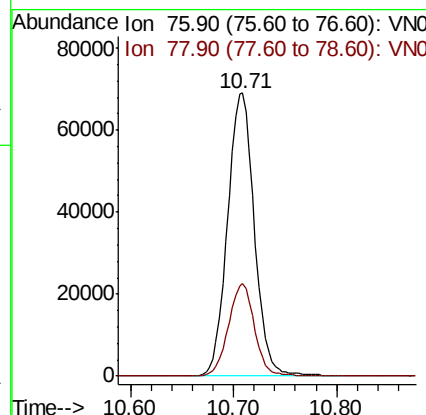
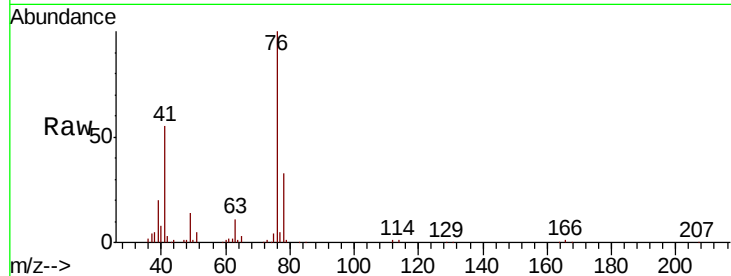




#57
 1,3-Dichloropropane
 Concen: 19.780 ug/l
 RT: 10.71 min Scan# 2779
 Delta R.T. 0.00 min
 Lab File: VN056357.D
 Acq: 18 Jun 2019 11:45

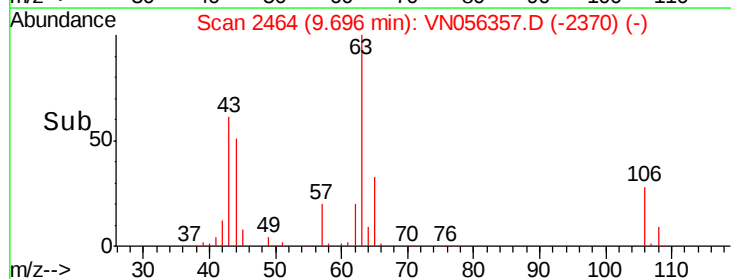
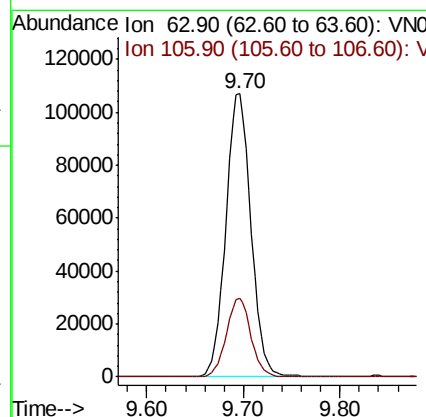
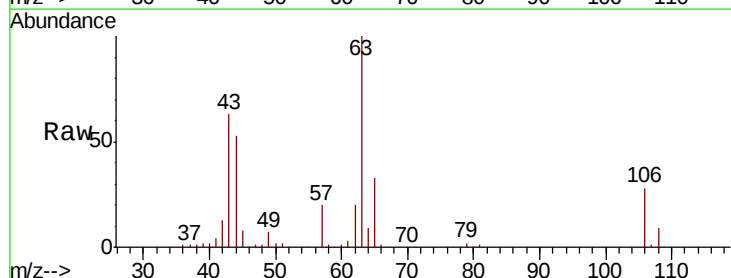
Instrument :
 MSVOA_N
 ClientSampled :

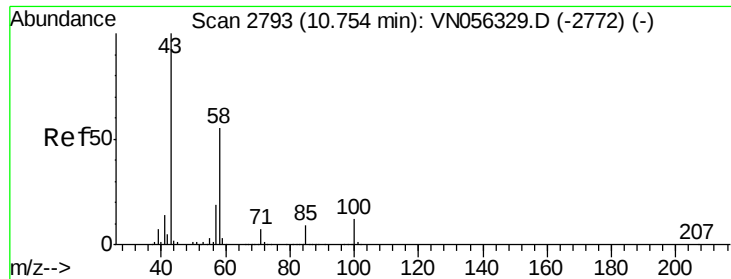
Tot Ion: 76 Resp: 125333
 Ion Ratio Lower Upper
 76 100
 78 31.6 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 105.159 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN056357.D
 Acq: 18 Jun 2019 11:45

Tgt Ion: 63 Resp: 192946
 Ion Ratio Lower Upper
 63 100
 106 26.9 22.2 33.2

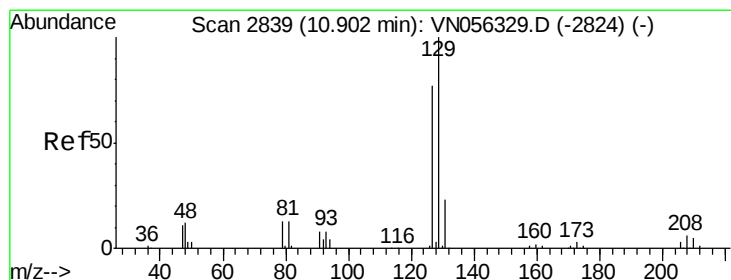
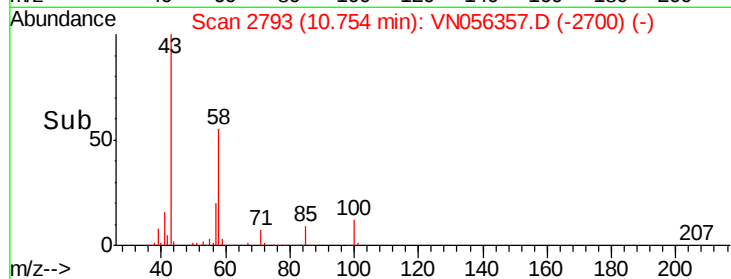
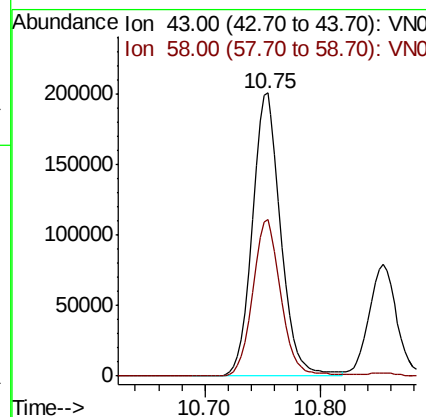
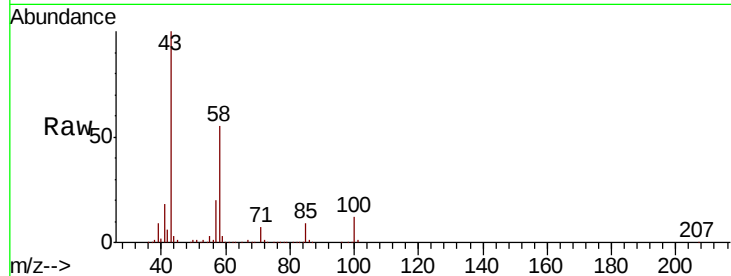




#59
2-Hexanone
Concen: 96.942 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN056357.D
Acq: 18 Jun 2019 11:45

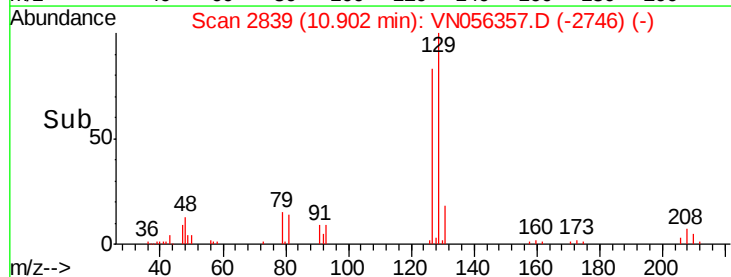
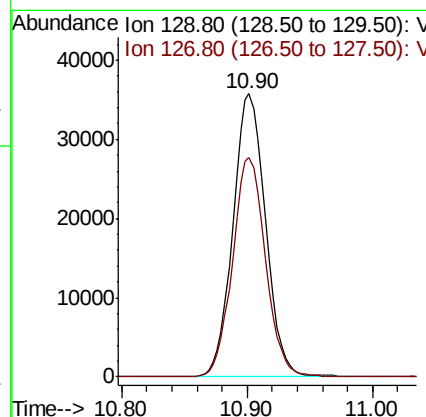
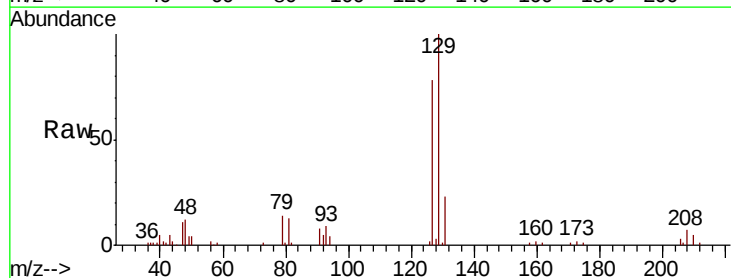
Instrument :
MSVOA_N
ClientSampleId :

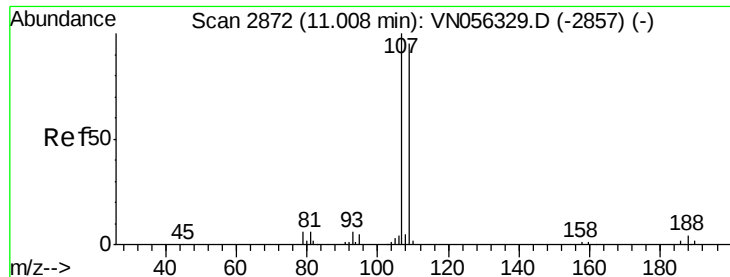
Tot Ion: 43 Resp: 343410
Ion Ratio Lower Upper
43 100
58 55.0 27.8 83.4



#60
Dibromochloromethane
Concen: 16.352 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN056357.D
Acq: 18 Jun 2019 11:45

Tgt Ion: 129 Resp: 64520
Ion Ratio Lower Upper
129 100
127 78.2 38.6 116.0

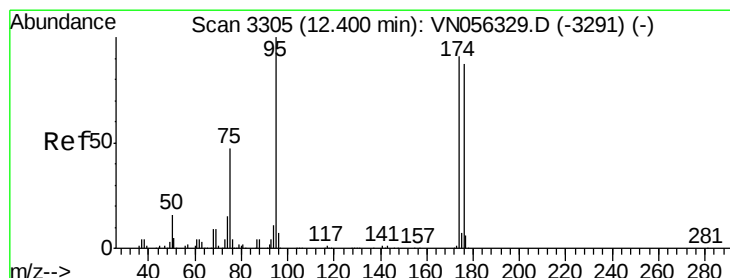
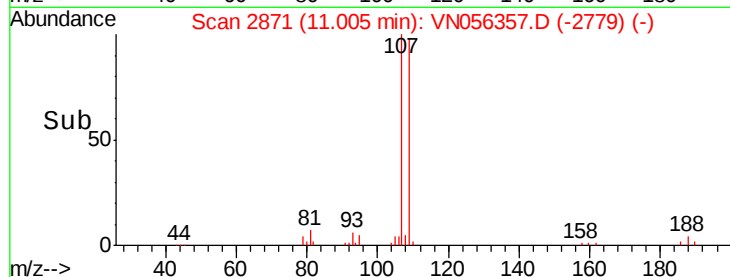
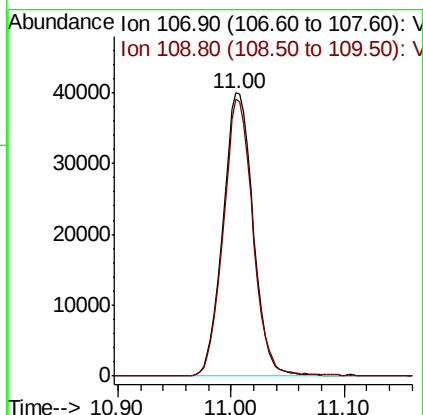
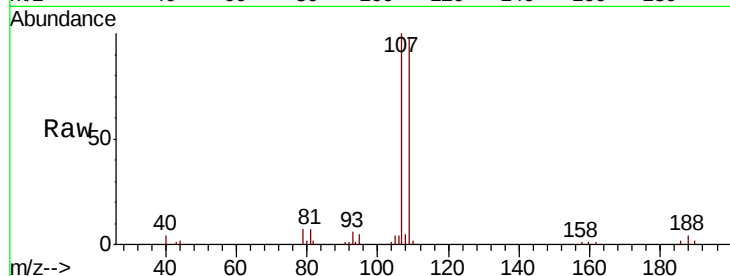




#61
 1,2-Dibromoethane
 Concen: 19.199 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: VN056357.D
 Acq: 18 Jun 2019 11:45

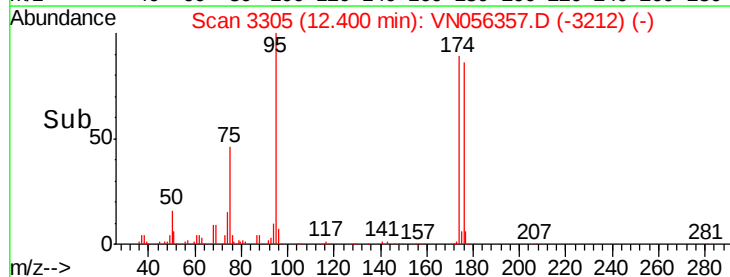
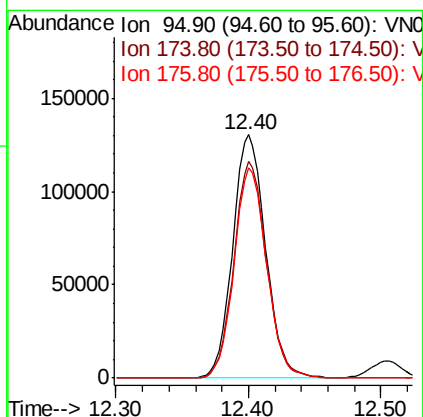
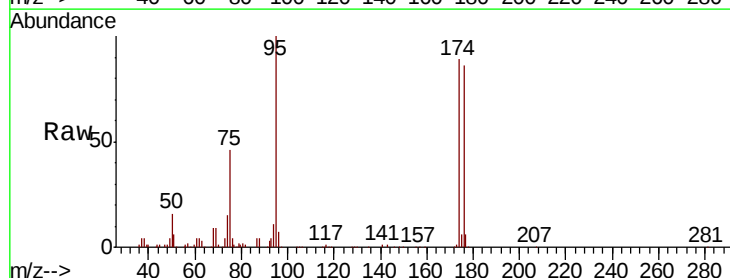
Instrument :
 MSVOA_N
 ClientSampleId :

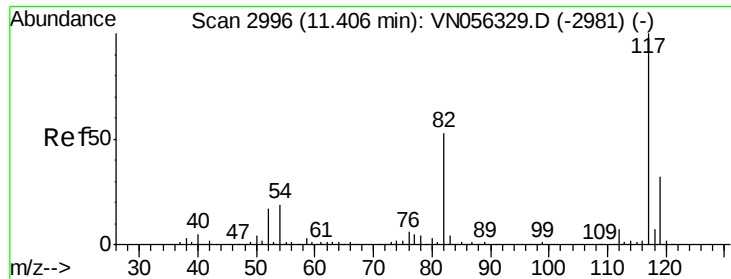
Tot Ion:107 Resp: 74240
 Ion Ratio Lower Upper
 107 100
 109 95.7 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 50.279 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN056357.D
 Acq: 18 Jun 2019 11:45

Tgt Ion: 95 Resp: 224239
 Ion Ratio Lower Upper
 95 100
 174 88.7 0.0 182.6
 176 85.8 0.0 176.8

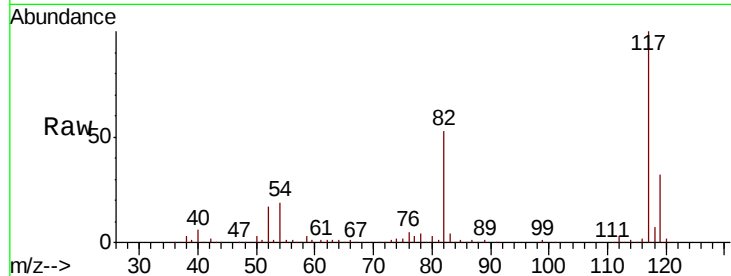




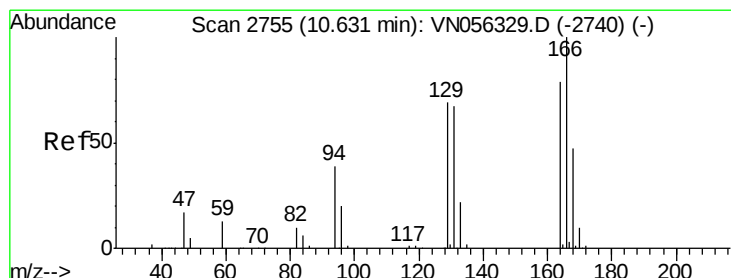
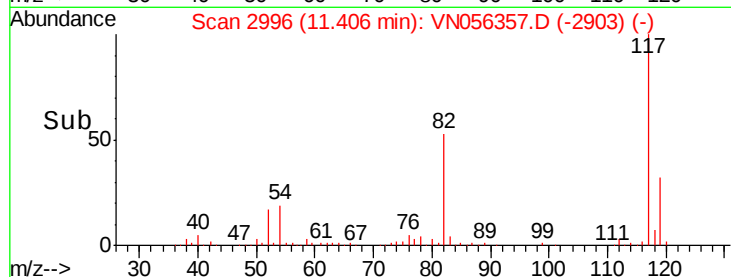
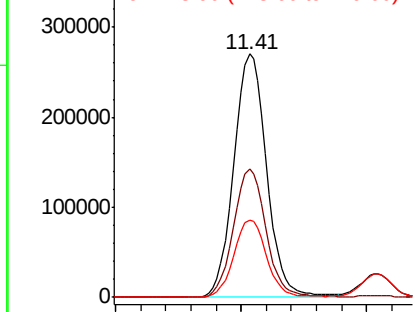
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056357.D
Acq: 18 Jun 2019 11:45

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 492656
Ion Ratio Lower Upper
117 100
82 52.7 42.4 63.6
119 31.8 26.0 39.0

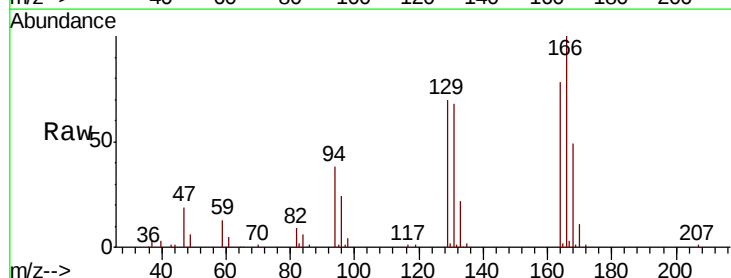


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

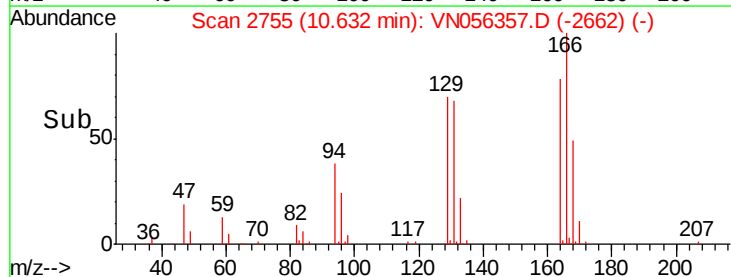
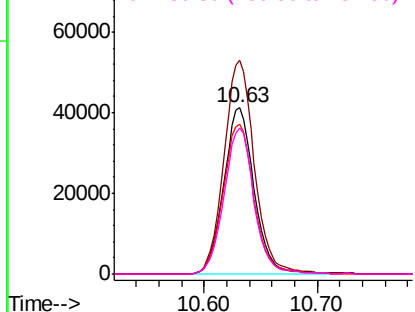


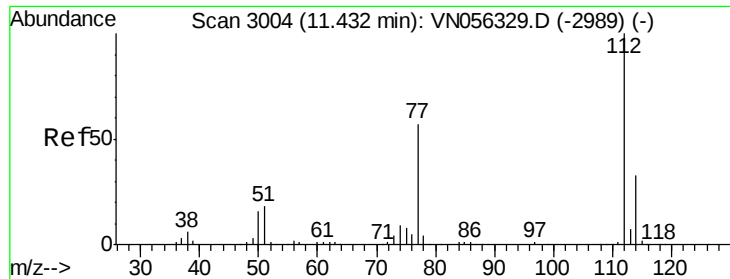
#64
Tetrachloroethene
Concen: 19.037 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN056357.D
Acq: 18 Jun 2019 11:45

Tgt Ion:164 Resp: 76911
Ion Ratio Lower Upper
164 100
166 128.4 101.8 152.6
129 90.1 70.3 105.5
131 87.9 68.2 102.4



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





#65

Chlorobenzene

Concen: 19.511 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. 0.00 min

Lab File: VN056357.D

Acq: 18 Jun 2019 11:45

Instrument :

MSVOA_N

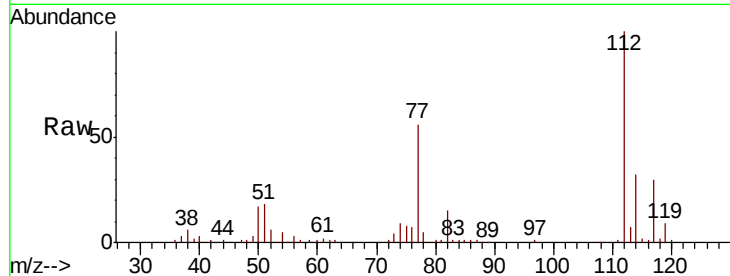
ClientSampled :

Tot Ion:112 Resp: 195147

Ion Ratio Lower Upper

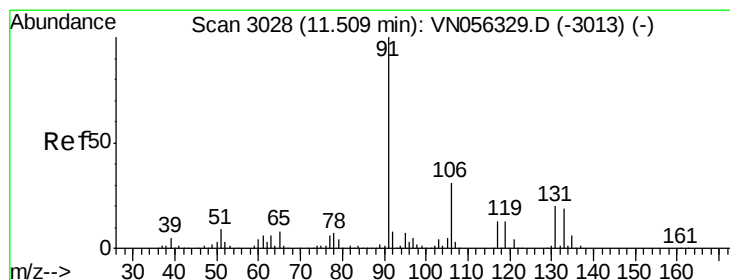
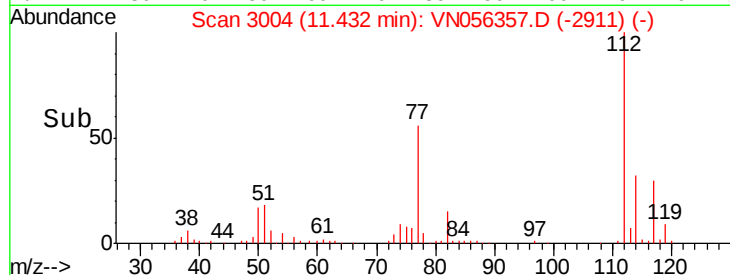
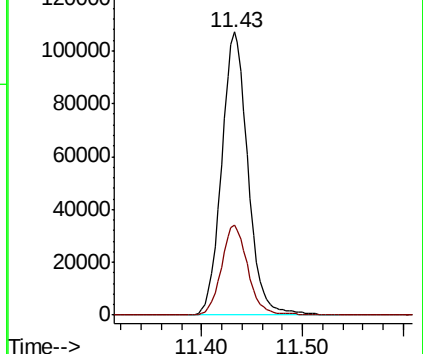
112 100

114 32.0 26.1 39.1



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 17.801 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. -0.00 min

Lab File: VN056357.D

Acq: 18 Jun 2019 11:45

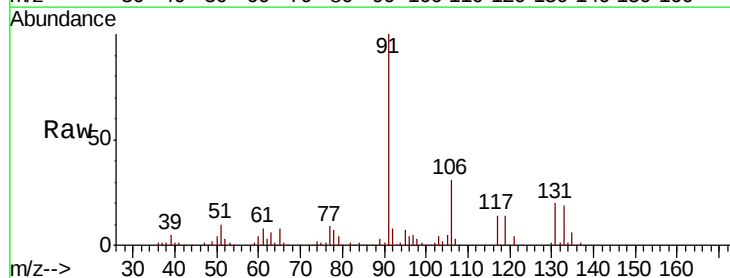
Tgt Ion:131 Resp: 66468

Ion Ratio Lower Upper

131 100

133 95.0 47.9 143.7

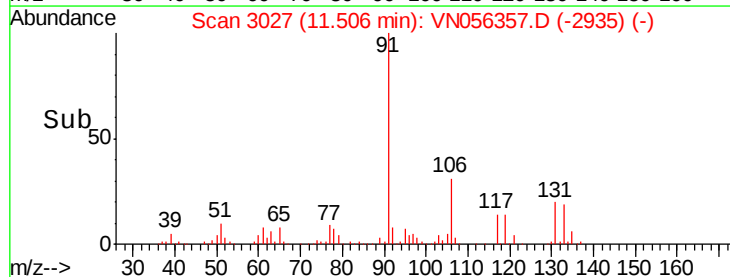
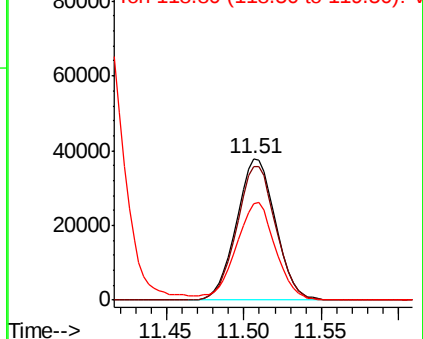
119 69.0 33.5 100.5

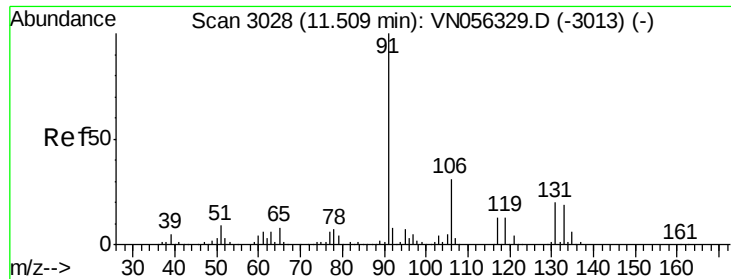


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

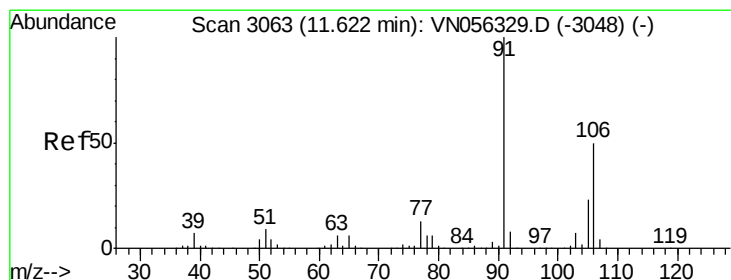
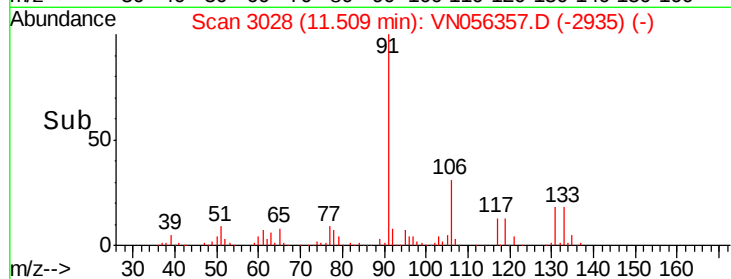
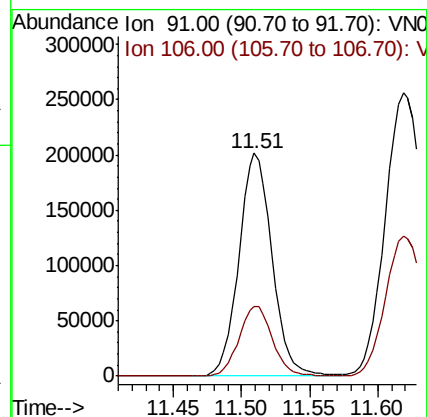
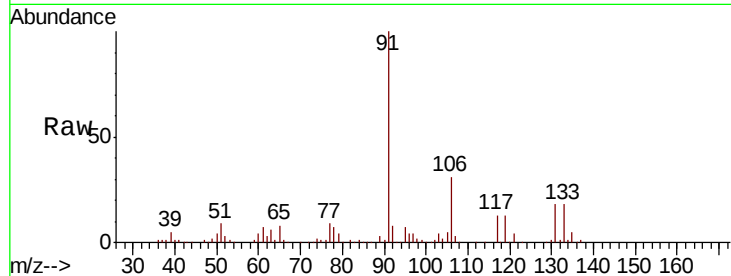




#67
Ethyl Benzene
Concen: 19.824 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN056357.D
Acq: 18 Jun 2019 11:45

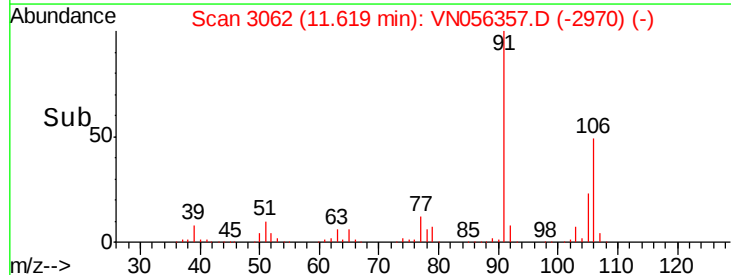
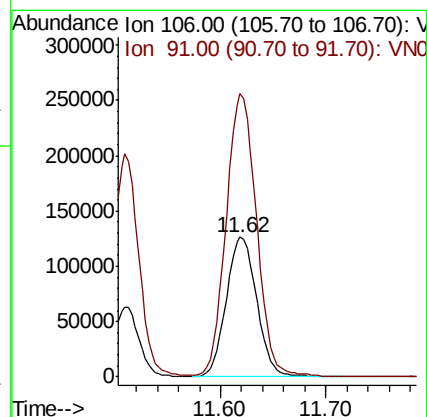
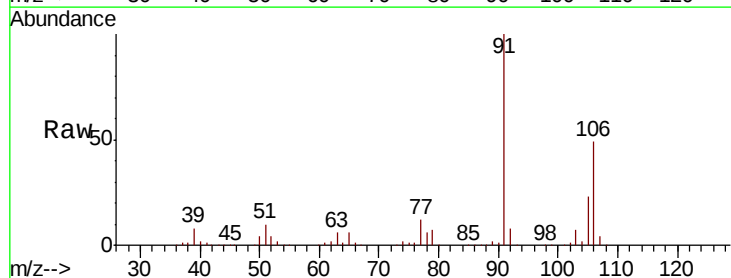
Instrument :
MSVOA_N
ClientSampled :

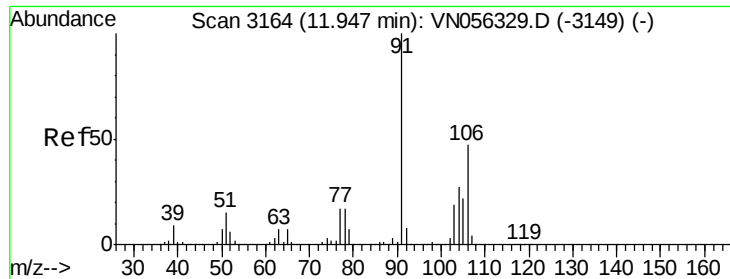
Tot Ion: 91 Resp: 341297
Ion Ratio Lower Upper
91 100
106 31.4 25.0 37.6



#68
m/p-Xylenes
Concen: 39.529 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN056357.D
Acq: 18 Jun 2019 11:45

Tgt Ion: 106 Resp: 253294
Ion Ratio Lower Upper
106 100
91 202.0 160.7 241.1

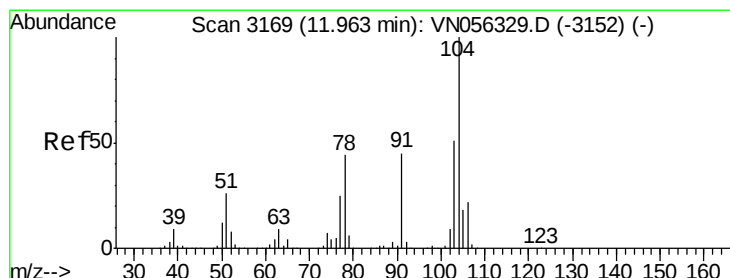
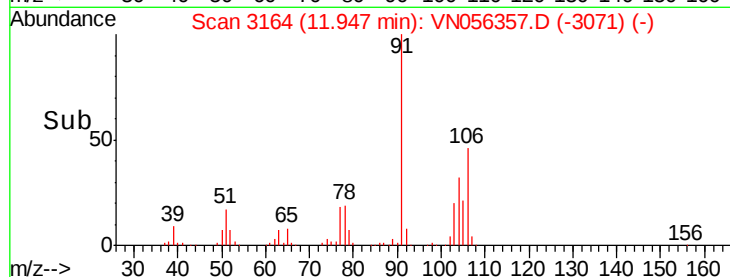
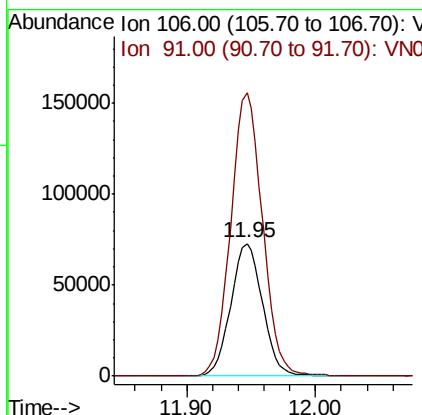
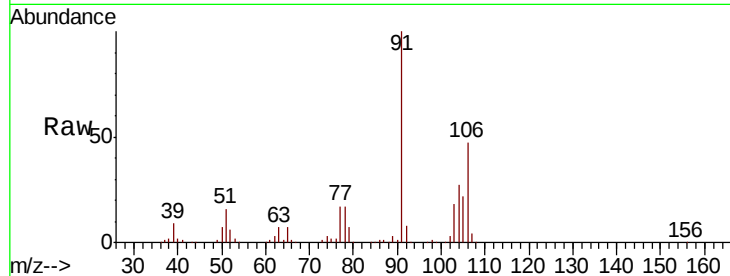




#69
o-Xylene
Concen: 19.715 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN056357.D
Acq: 18 Jun 2019 11:45

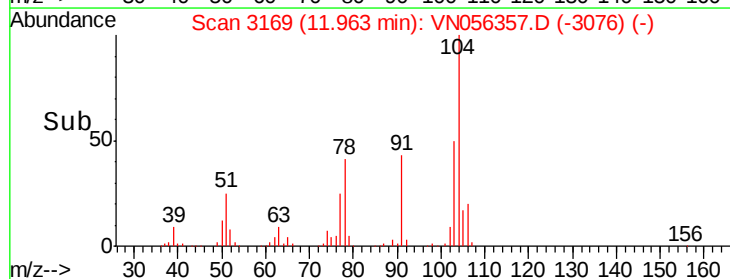
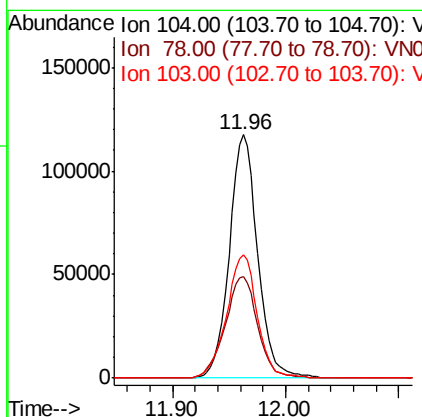
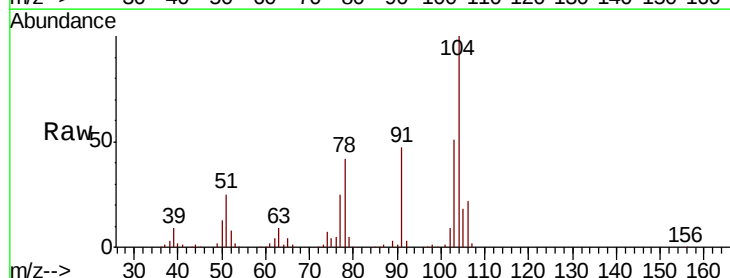
Instrument :
MSVOA_N
ClientSampled :

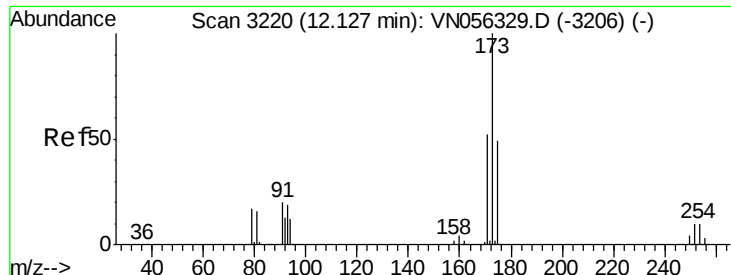
Tot Ion:106 Resp: 124528
Ion Ratio Lower Upper
106 100
91 213.9 105.6 316.7



#70
Styrene
Concen: 20.035 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN056357.D
Acq: 18 Jun 2019 11:45

Tgt Ion:104 Resp: 204316
Ion Ratio Lower Upper
104 100
78 47.8 38.4 57.6
103 54.9 44.0 66.0





#71

Bromoform

Concen: 14.949 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN056357.D

Acq: 18 Jun 2019 11:45

Instrument :

MSVOA_N

ClientSampleId :

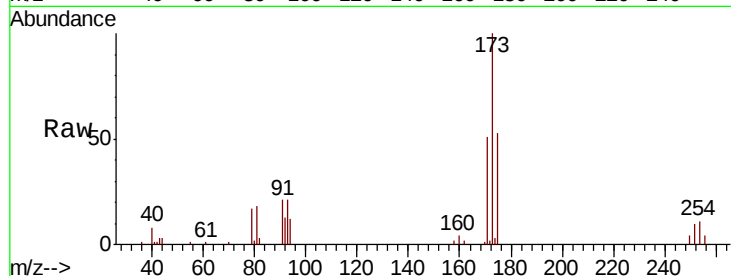
Tot Ion:173 Resp: 43379

Ion Ratio Lower Upper

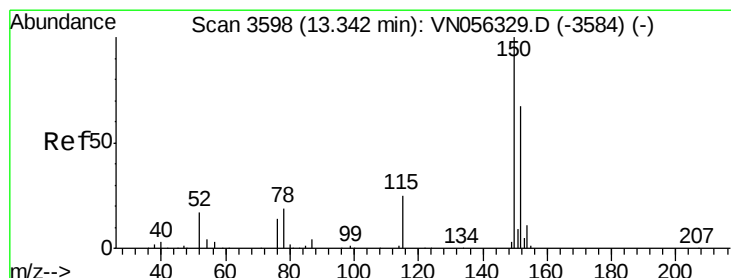
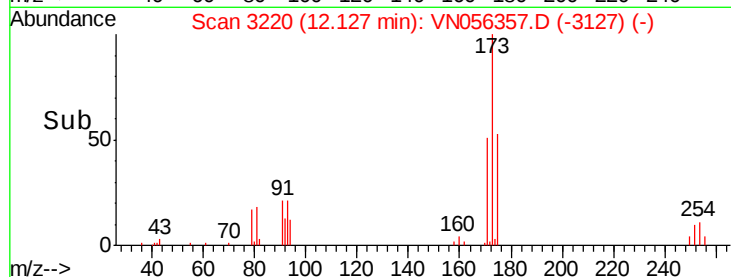
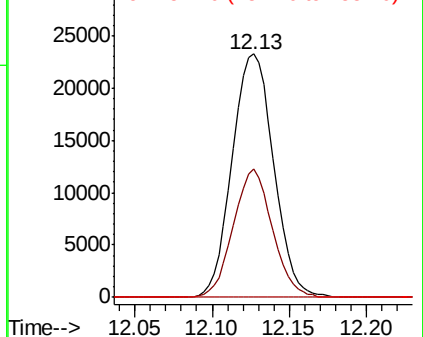
173 100

175 49.5 24.3 73.0

254 0.0 0.0 0.0



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# 3598

Delta R.T. 0.00 min

Lab File: VN056357.D

Acq: 18 Jun 2019 11:45

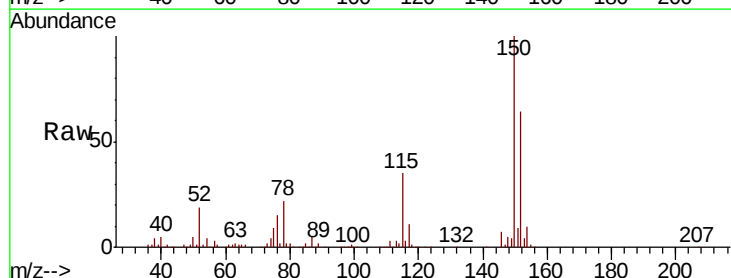
Tgt Ion:152 Resp: 194035

Ion Ratio Lower Upper

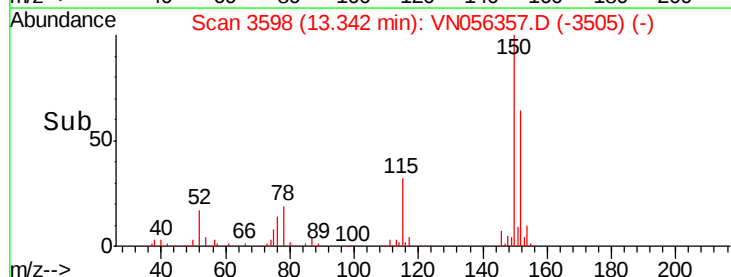
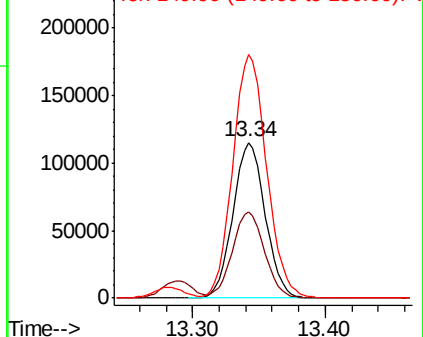
152 100

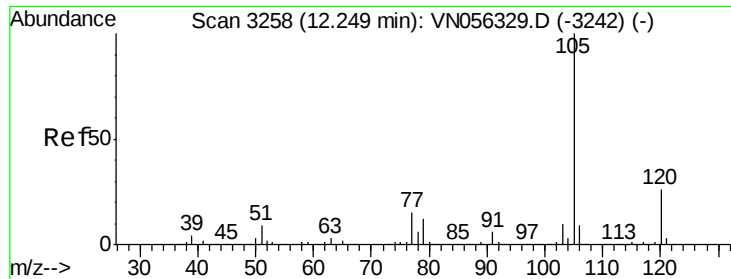
115 55.5 27.8 83.3

150 164.4 0.0 345.8



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: 20.756 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN056357.D

Acq: 18 Jun 2019 11:45

Instrument :

MSVOA_N

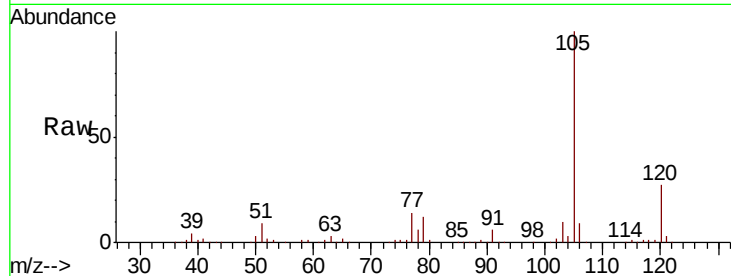
ClientSampleId :

Tot Ion:105 Resp: 331511

Ion Ratio Lower Upper

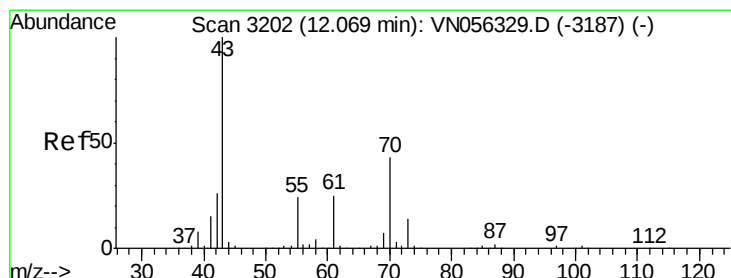
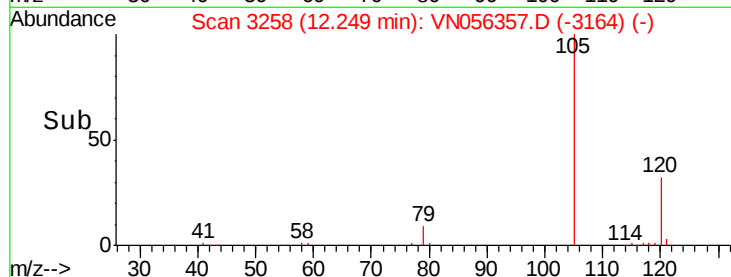
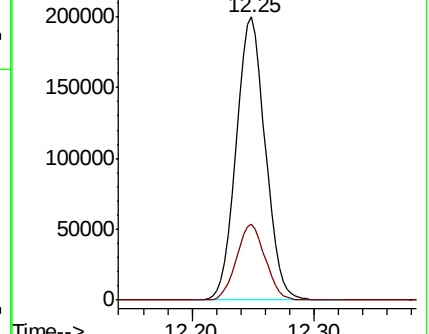
105 100

120 26.5 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.353 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN056357.D

Acq: 18 Jun 2019 11:45

Tgt Ion: 43 Resp: 118007

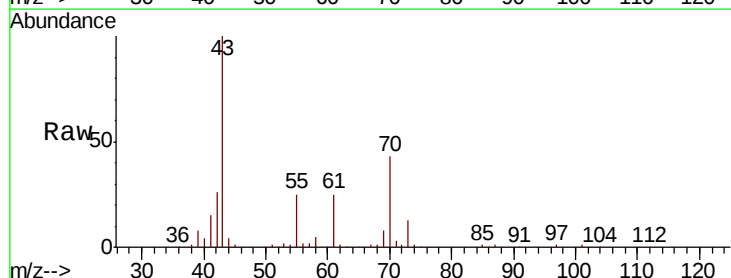
Ion Ratio Lower Upper

43 100

70 43.0 34.2 51.2

55 25.9 19.9 29.9

61 24.0 19.7 29.5

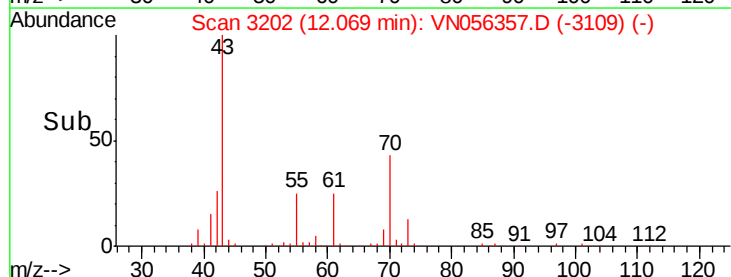
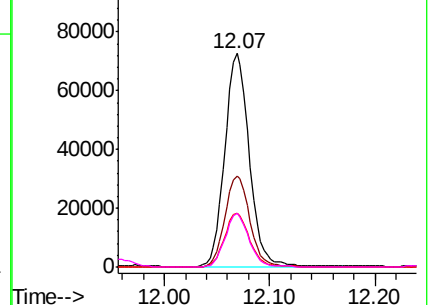


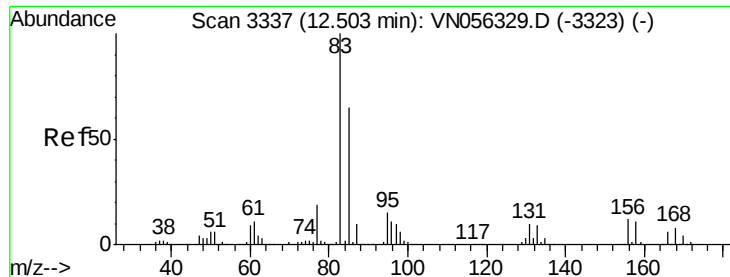
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.224 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN056357.D

Acq: 18 Jun 2019 11:45

Instrument :

MSVOA_N

ClientSampleId :

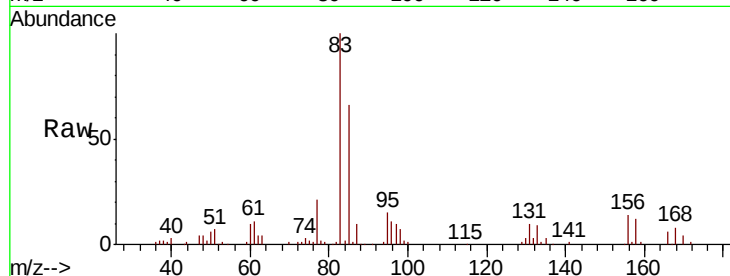
Tot Ion: 83 Resp: 101600

Ion Ratio Lower Upper

83 100

131 10.5 5.3 15.8

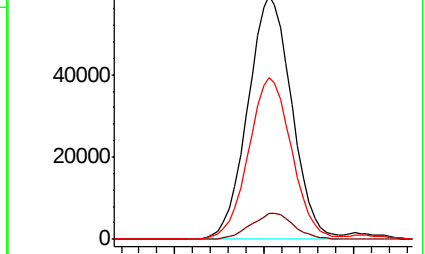
85 65.4 32.2 96.6



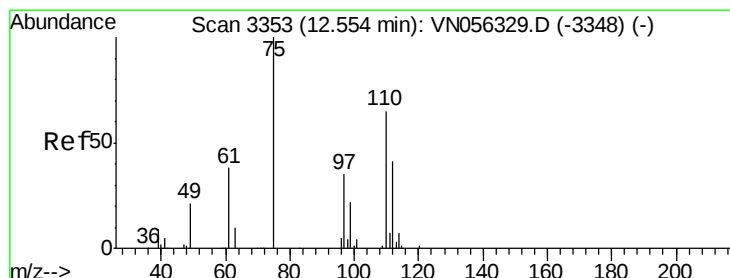
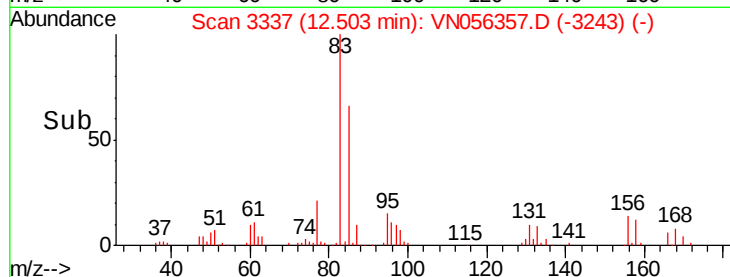
Abundance Ion 82.90 (82.60 to 83.60): VN056329.D (-3323) (-)

Ion 130.80 (130.50 to 131.50): VN056329.D (-3323) (-)

Ion 84.90 (84.60 to 85.60): VN056329.D (-3323) (-)



Time-->



#76

1,2,3-Trichloropropane

Concen: 28.244 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN056357.D

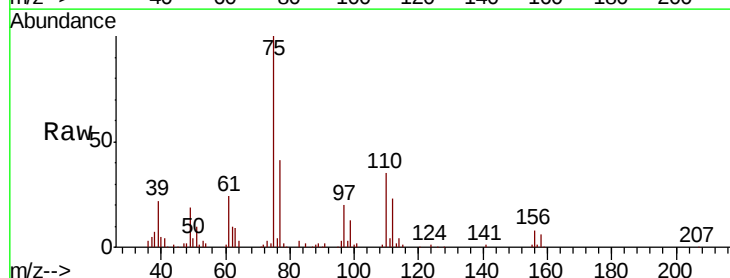
Acq: 18 Jun 2019 11:45

Tgt Ion: 75 Resp: 117088

Ion Ratio Lower Upper

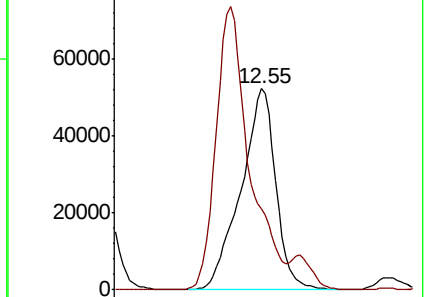
75 100

77 0.0 0.0 0.0

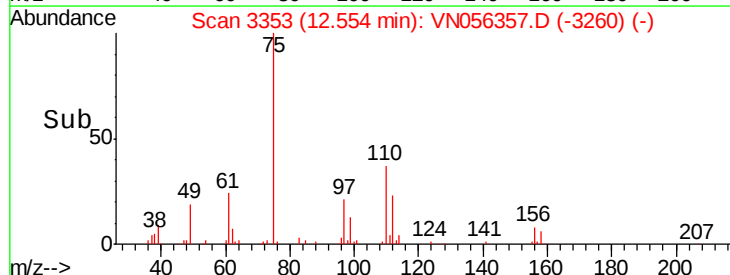


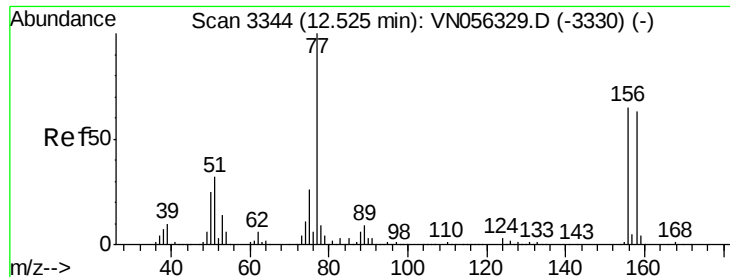
Abundance Ion 74.90 (74.60 to 75.60): VN056329.D (-3348) (-)

Ion 77.00 (76.70 to 77.70): VN056329.D (-3348) (-)



Time-->





#77

Bromobenzene

Concen: 21.572 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN056357.D

Acq: 18 Jun 2019 11:45

Instrument :

MSVOA_N

ClientSampled :

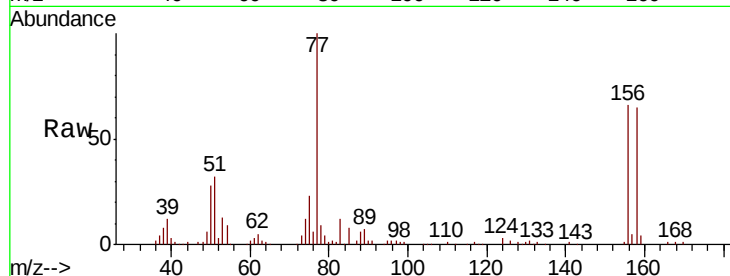
Tot Ion:156 Resp: 89896

Ion Ratio Lower Upper

156 100

77 175.7 92.9 278.7

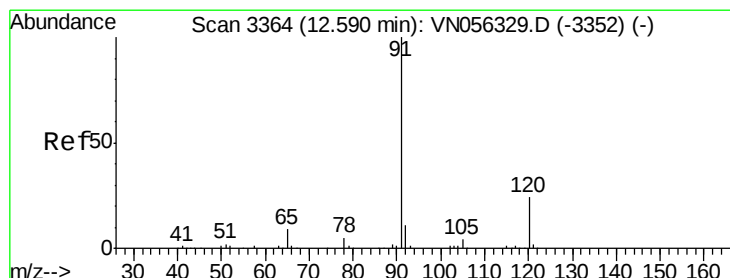
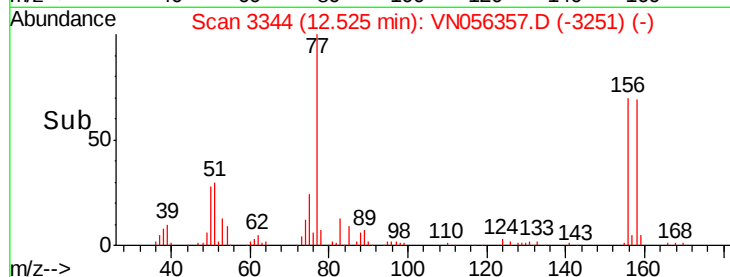
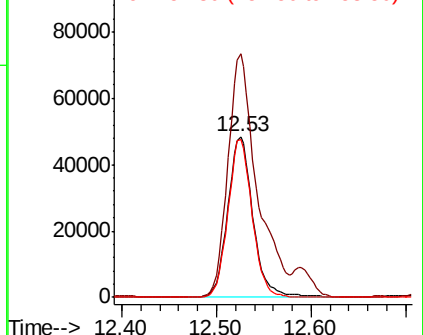
158 93.6 49.0 147.2



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: 20.147 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN056357.D

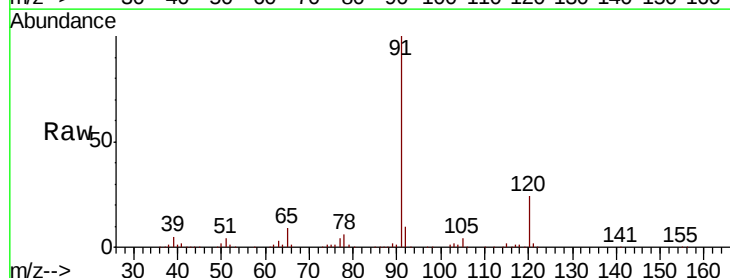
Acq: 18 Jun 2019 11:45

Tgt Ion: 91 Resp: 350905

Ion Ratio Lower Upper

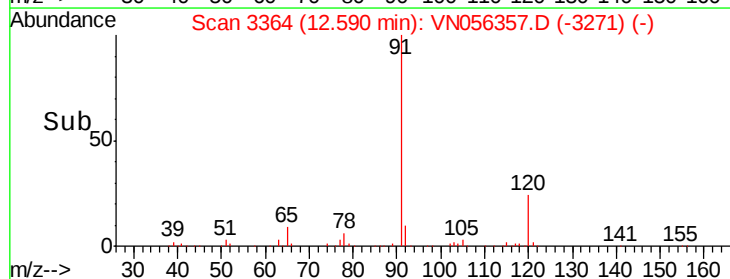
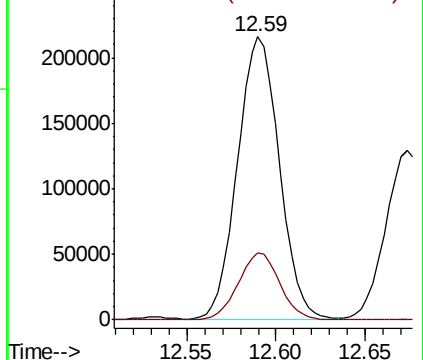
91 100

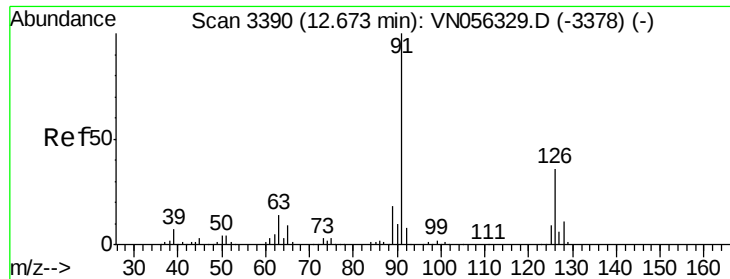
120 23.7 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.634 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN056357.D

Acq: 18 Jun 2019 11:45

Instrument :

MSVOA_N

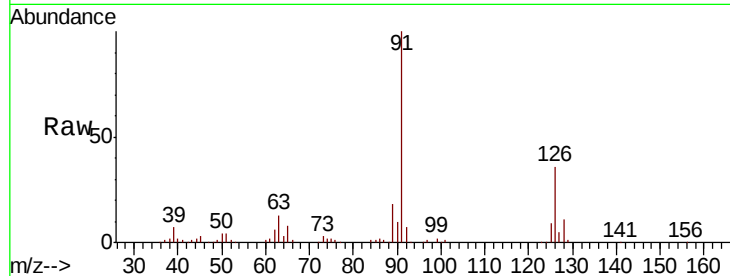
ClientSampled :

Tot Ion: 91 Resp: 218175

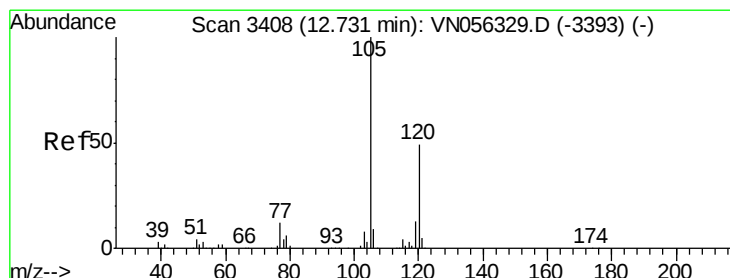
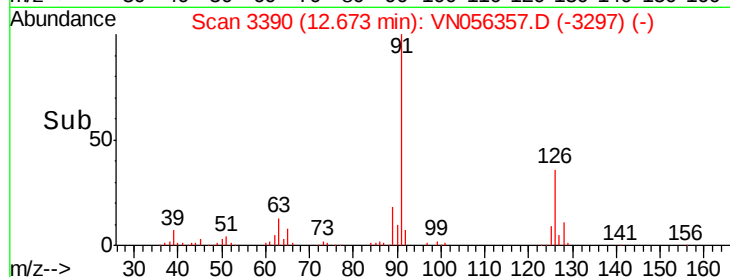
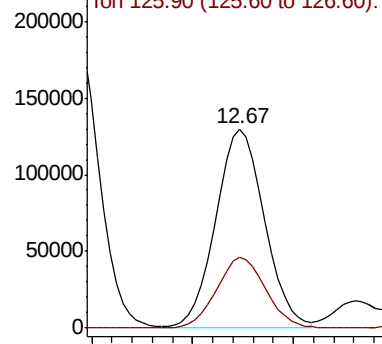
Ion Ratio Lower Upper

91 100

126 36.0 18.0 54.0



Abundance Ion 91.00 (90.70 to 91.70): VN056329.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.028 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN056357.D

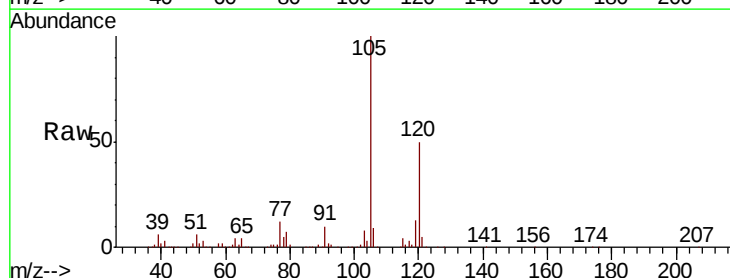
Acq: 18 Jun 2019 11:45

Tgt Ion: 105 Resp: 271121

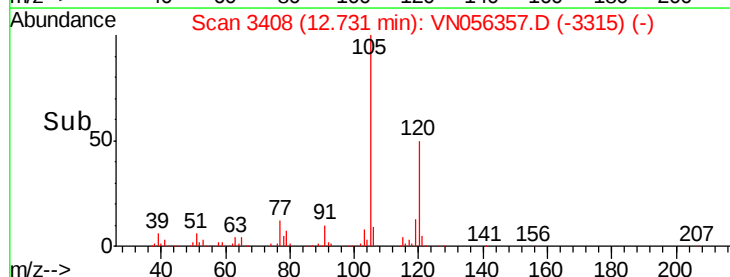
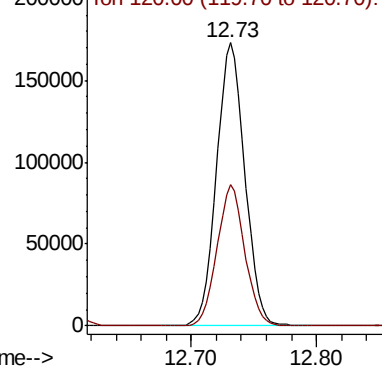
Ion Ratio Lower Upper

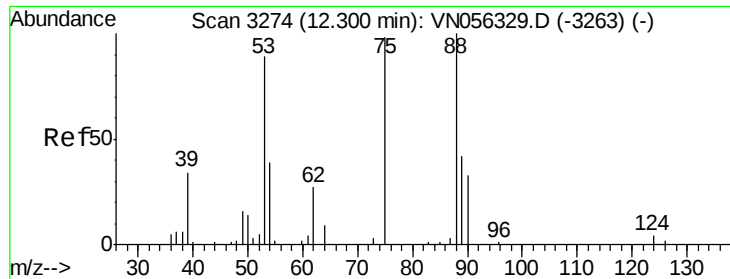
105 100

120 49.0 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): VN056329.D (-3393) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 15.064 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN056357.D

Acq: 18 Jun 2019 11:45

Instrument :

MSVOA_N

ClientSampleId :

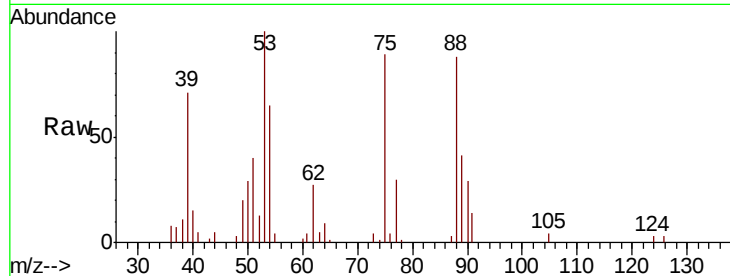
Tot Ion: 75 Resp: 20100

Ion Ratio Lower Upper

75 100

53 117.8 73.5 110.3#

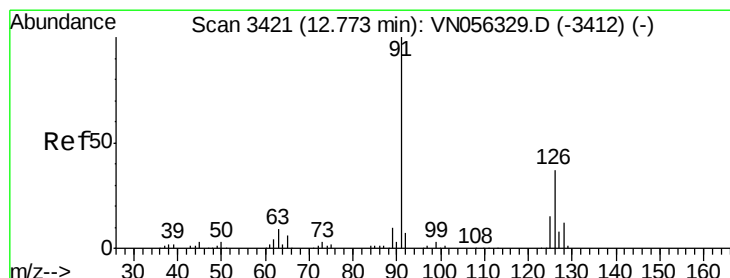
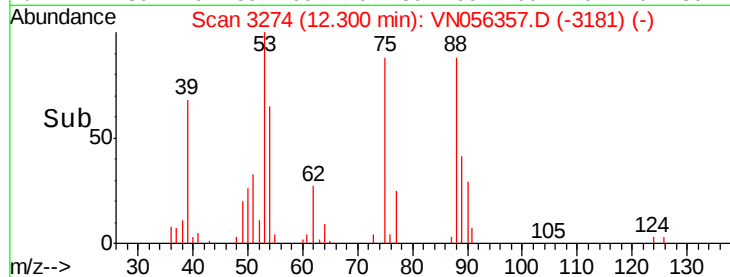
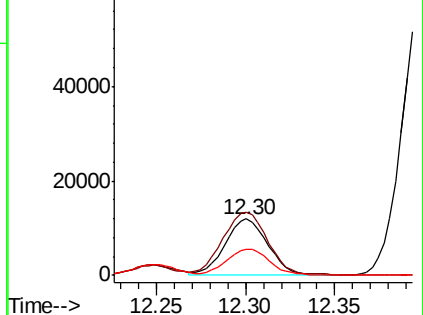
89 46.0 35.4 53.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 20.011 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN056357.D

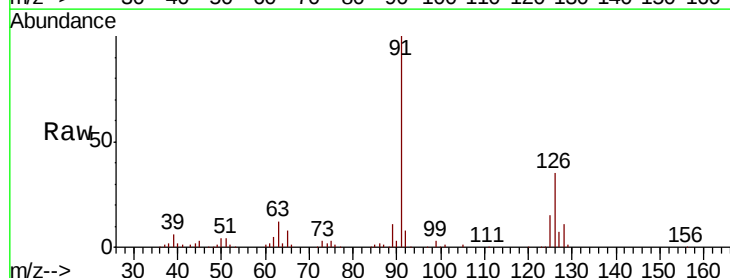
Acq: 18 Jun 2019 11:45

Tgt Ion: 91 Resp: 204588

Ion Ratio Lower Upper

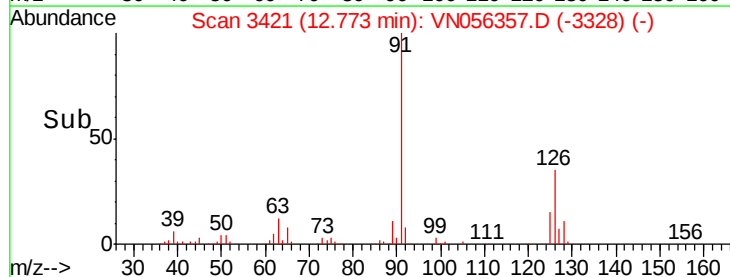
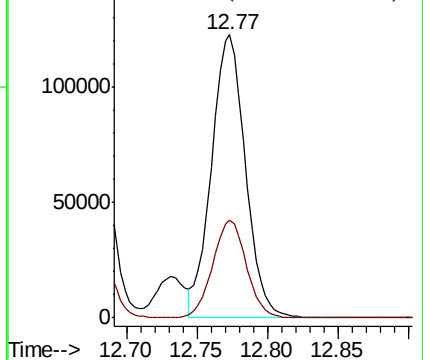
91 100

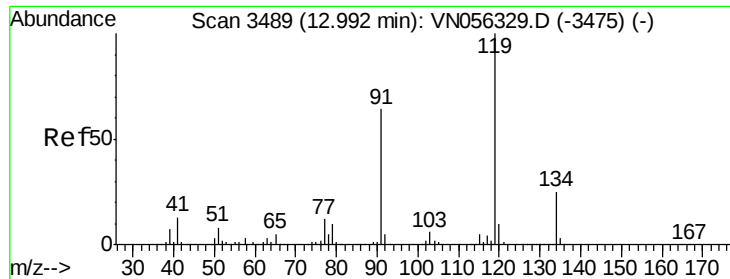
126 34.4 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

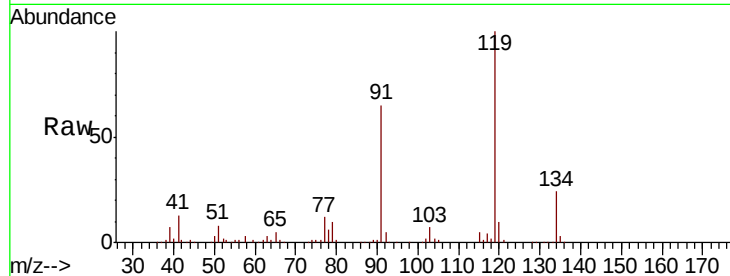




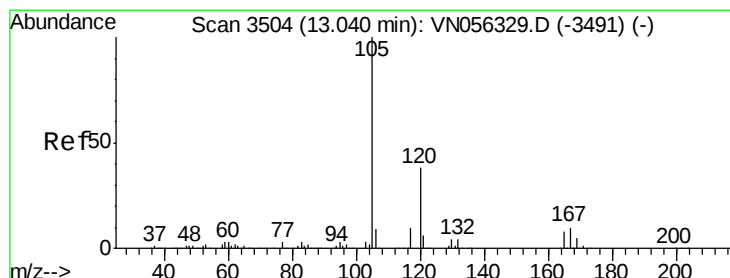
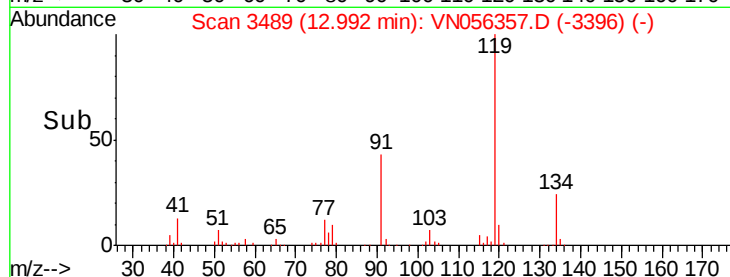
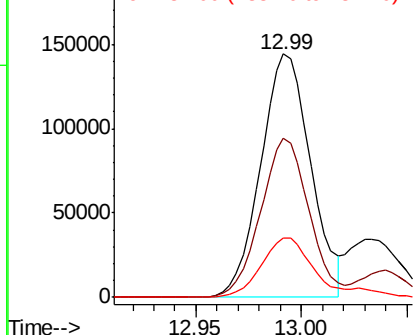
#83
tert-Butylbenzene
Concen: 20.762 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN056357.D
Acq: 18 Jun 2019 11:45

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:119 Resp: 238041
Ion Ratio Lower Upper
119 100
91 63.2 31.5 94.5
134 24.6 13.6 40.7

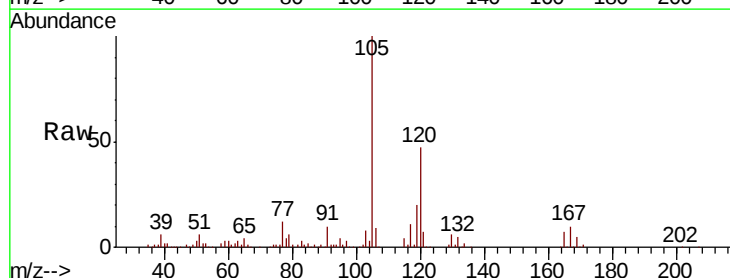


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

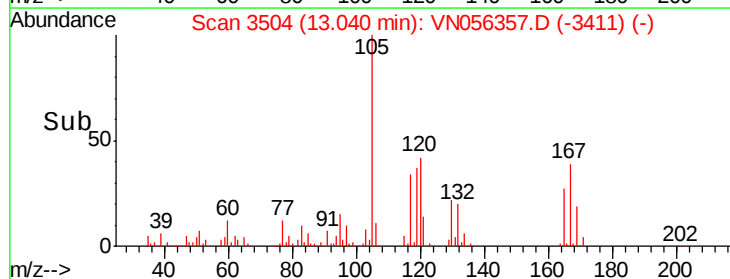
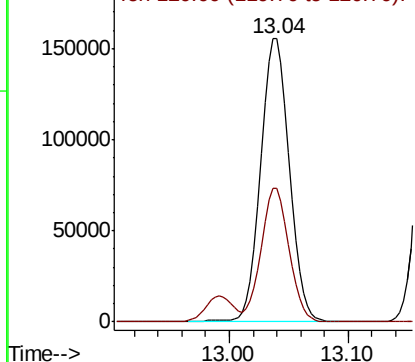


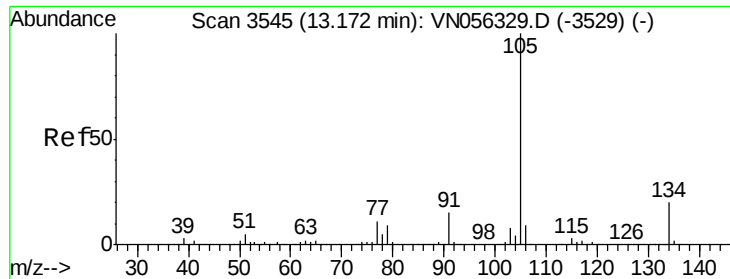
#84
1,2,4-Trimethylbenzene
Concen: 20.660 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN056357.D
Acq: 18 Jun 2019 11:45

Tgt Ion:105 Resp: 260429
Ion Ratio Lower Upper
105 100
120 45.8 23.1 69.2



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





#85

sec-Butylbenzene

Concen: 20.066 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN056357.D

Acq: 18 Jun 2019 11:45

Instrument :

MSVOA_N

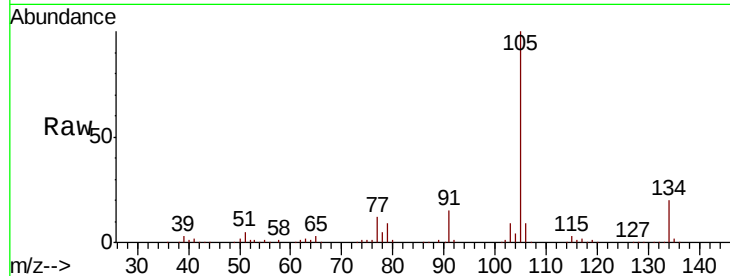
ClientSampleId :

Tot Ion:105 Resp: 306529

Ion Ratio Lower Upper

105 100

134 20.1 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

200000

150000

100000

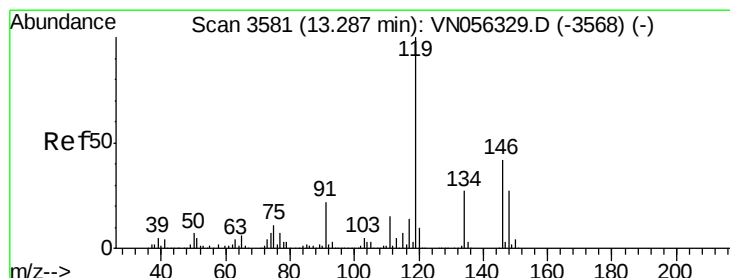
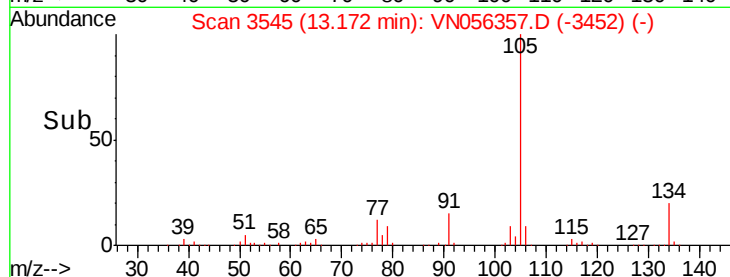
50000

0

13.10

13.20

Time-->



#86

p-Isopropyltoluene

Concen: 20.478 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN056357.D

Acq: 18 Jun 2019 11:45

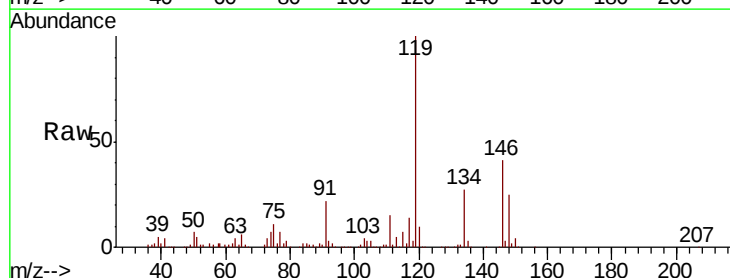
Tgt Ion:119 Resp: 267773

Ion Ratio Lower Upper

119 100

134 26.7 13.5 40.4

91 22.0 11.0 33.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

200000

150000

100000

50000

0

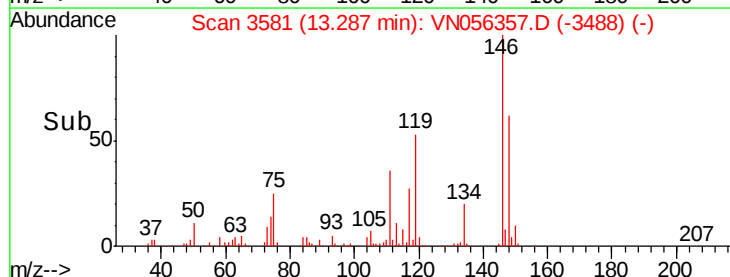
13.20

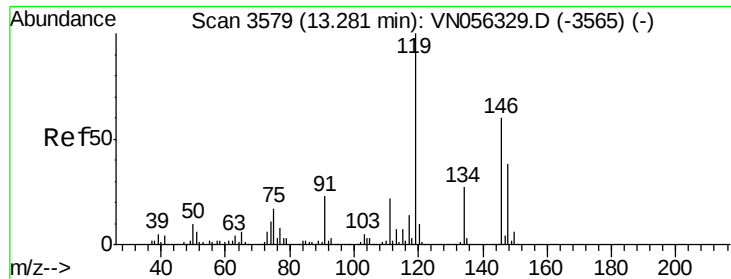
13.25

13.30

13.35

Time-->





#87

1,3-Dichlorobenzene

Concen: 19.720 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. 0.00 min

Lab File: VN056357.D

Acq: 18 Jun 2019 11:45

Instrument :

MSVOA_N

ClientSampleId :

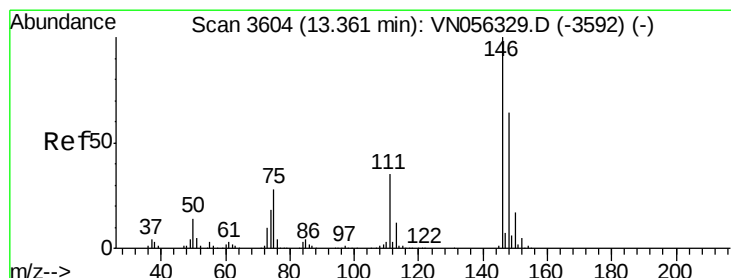
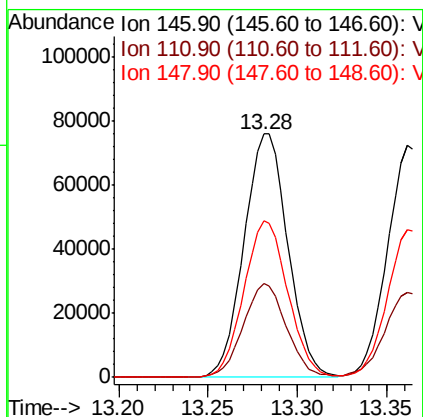
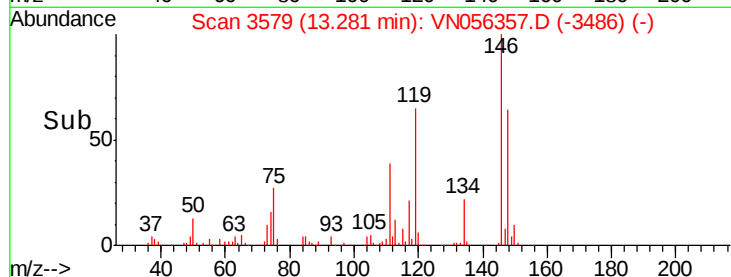
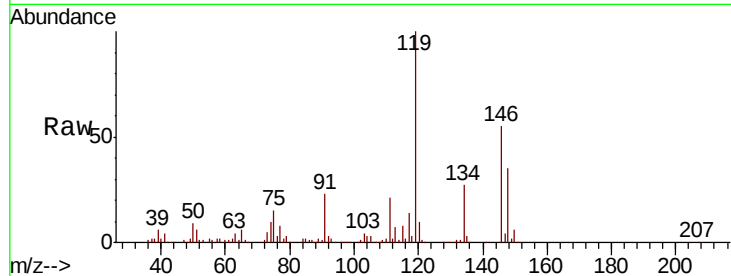
Tot Ion:146 Resp: 130233

Ion Ratio Lower Upper

146 100

111 38.0 18.9 56.7

148 64.3 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 19.129 ug/l

RT: 13.36 min Scan# 3604

Delta R.T. 0.00 min

Lab File: VN056357.D

Acq: 18 Jun 2019 11:45

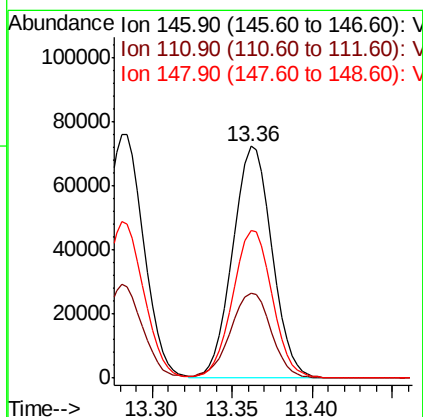
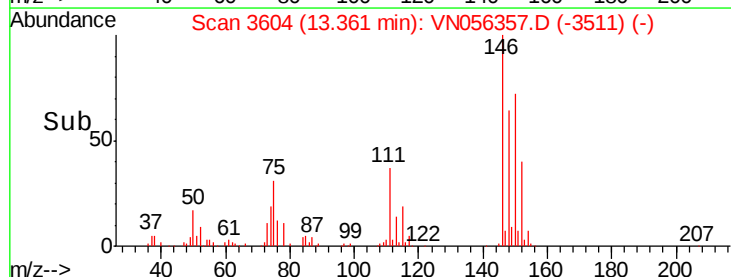
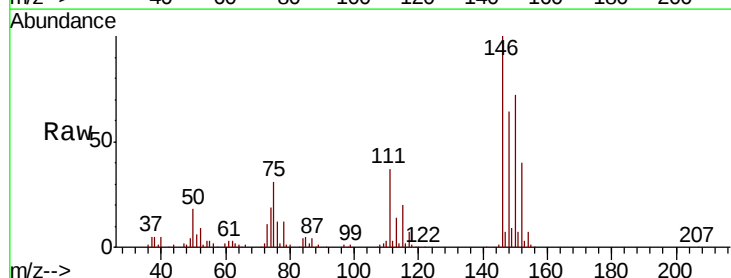
Tgt Ion:146 Resp: 121396

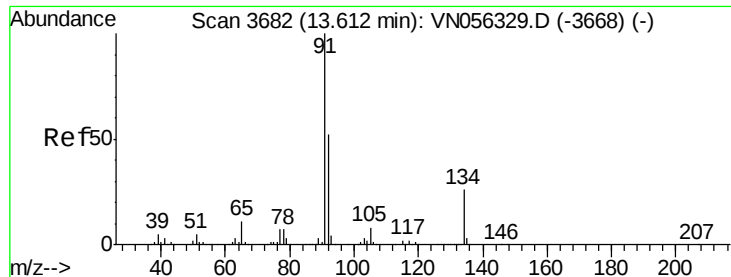
Ion Ratio Lower Upper

146 100

111 38.3 18.1 54.1

148 64.2 32.1 96.5





#89

n-Butylbenzene

Concen: 19.243 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN056357.D

Acq: 18 Jun 2019 11:45

Instrument :

MSVOA_N

ClientSampleId :

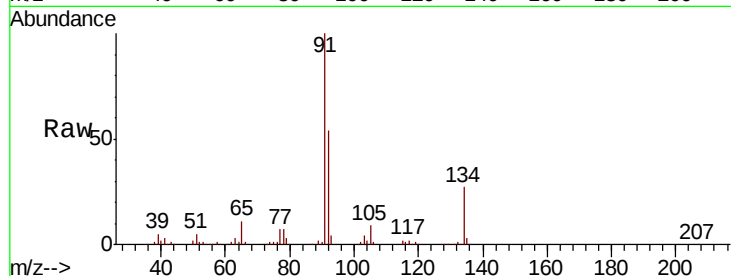
Tot Ion: 91 Resp: 188129

Ion Ratio Lower Upper

91 100

92 52.6 26.0 78.0

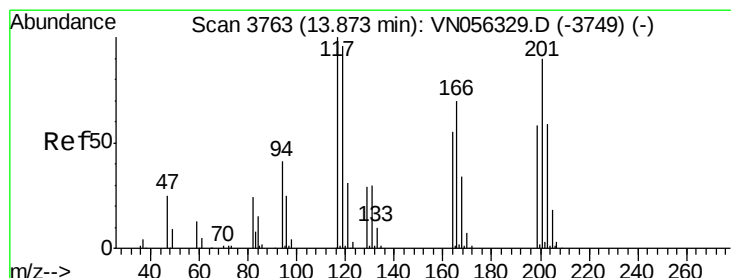
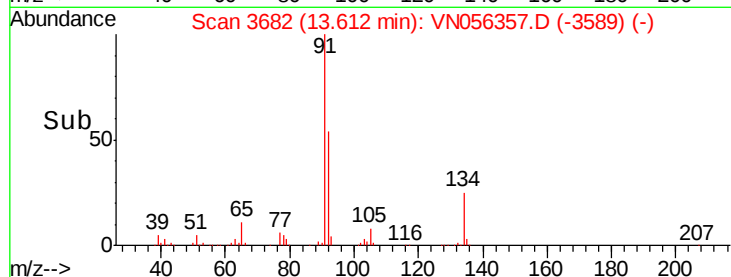
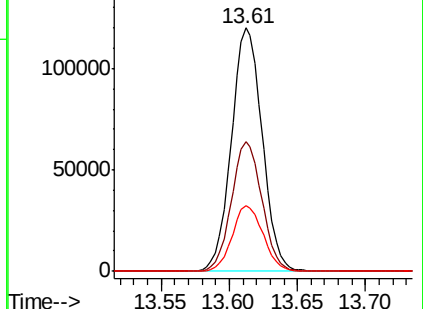
134 27.1 13.2 39.5



Abundance Ion 91.00 (90.70 to 91.70): VN056329.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN056329.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN056329.D (-3668) (-)



#90

Hexachloroethane

Concen: 15.177 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN056357.D

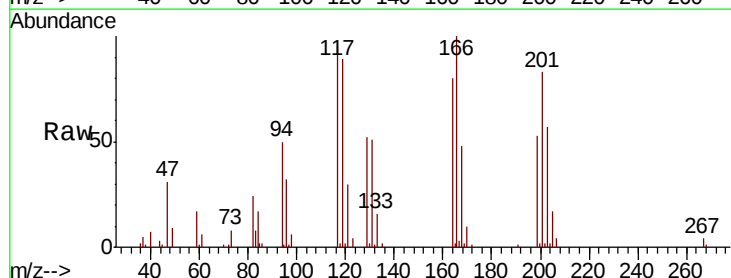
Acq: 18 Jun 2019 11:45

Tgt Ion: 117 Resp: 37570

Ion Ratio Lower Upper

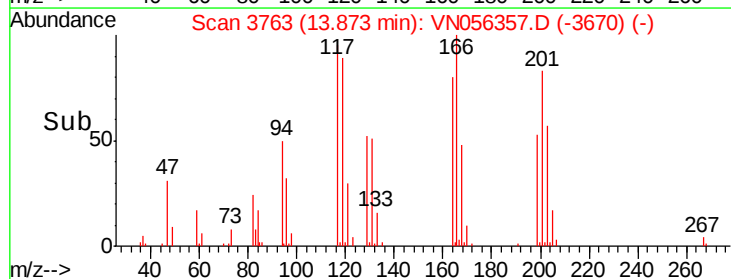
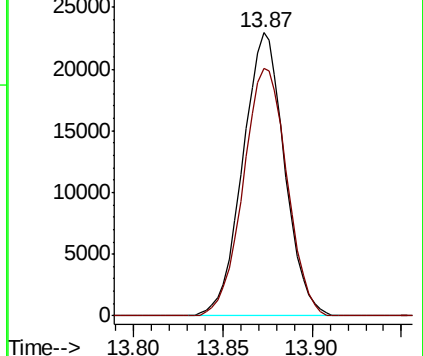
117 100

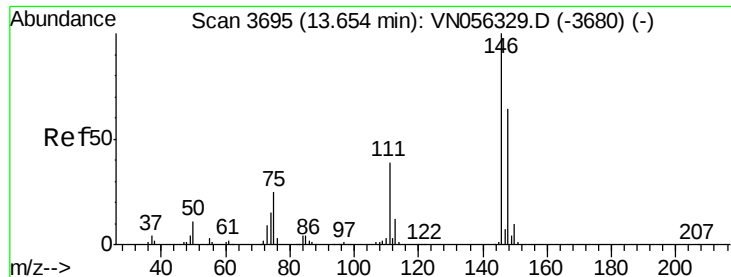
201 91.2 45.8 137.3



Abundance Ion 116.80 (116.50 to 117.50): VN056329.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN056329.D (-3749) (-)





#91

1,2-Dichlorobenzene

Concen: 20.176 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN056357.D

Acq: 18 Jun 2019 11:45

Instrument :

MSVOA_N

ClientSampled :

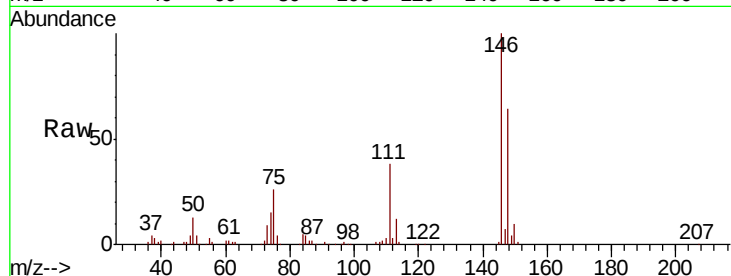
Tot Ion:146 Resp: 130483

Ion Ratio Lower Upper

146 100

111 38.9 19.4 58.2

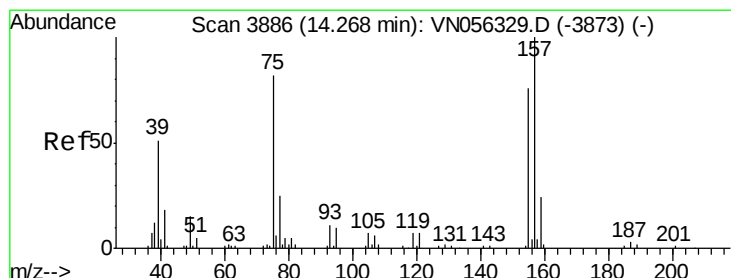
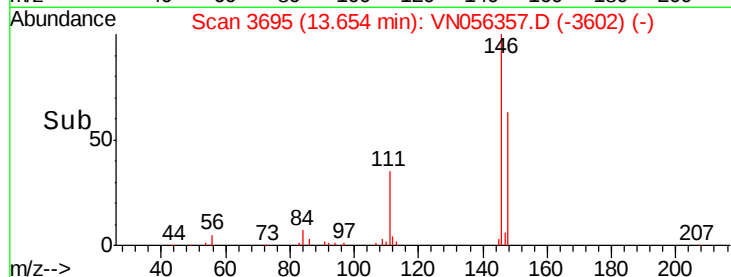
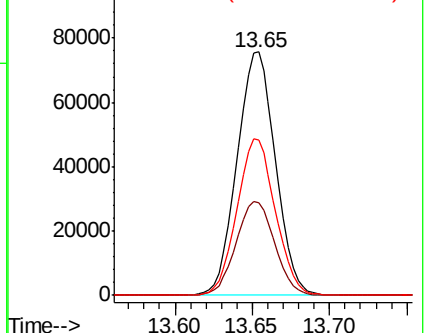
148 64.0 32.4 97.2



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: 15.923 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN056357.D

Acq: 18 Jun 2019 11:45

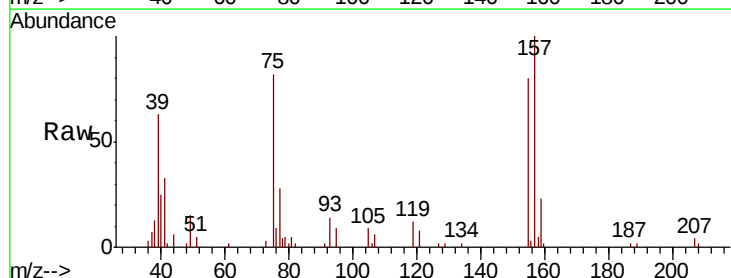
Tgt Ion: 75 Resp: 13350

Ion Ratio Lower Upper

75 100

155 99.2 47.8 143.4

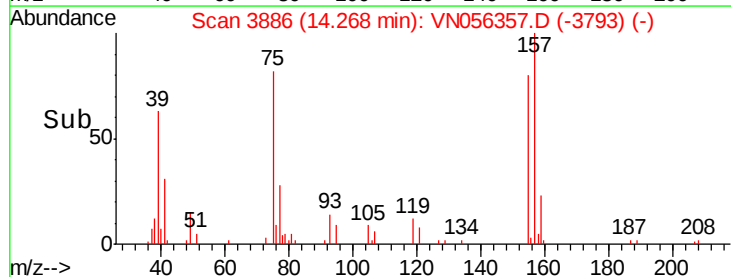
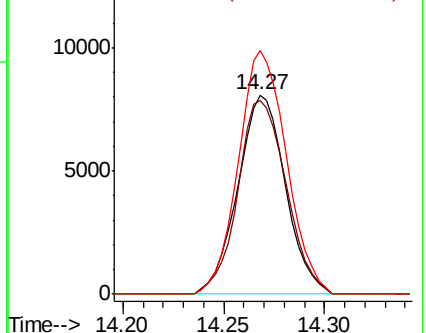
157 123.6 62.8 188.5

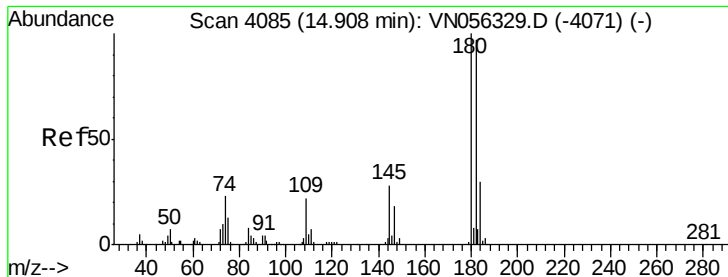


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

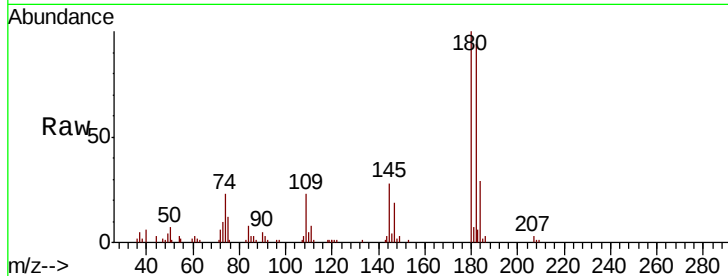




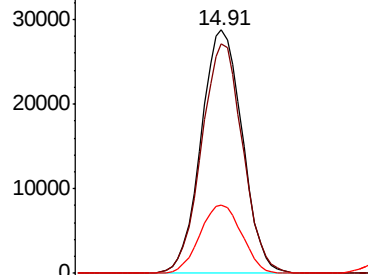
#93
 1,2,4-Trichlorobenzene
 Concen: 18.048 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056357.D
 Acq: 18 Jun 2019 11:45

Instrument :
 MSVOA_N
 ClientSampleId :

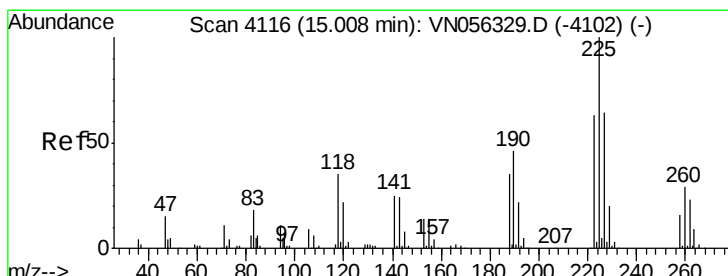
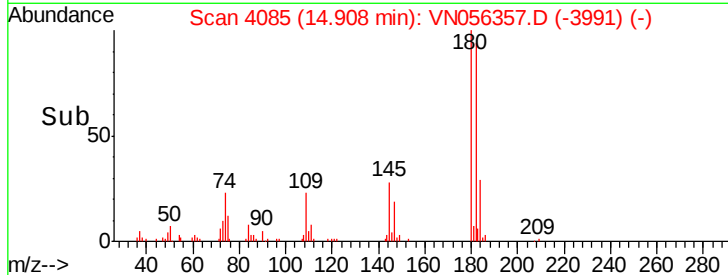
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.0	47.4	142.3
145	28.5	14.0	41.9



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

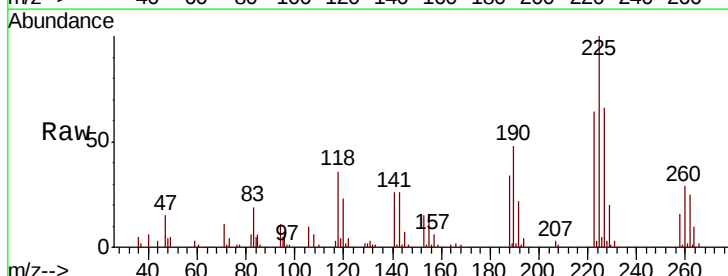


Time-->

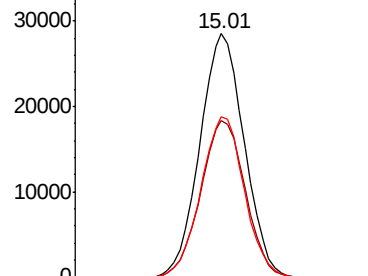


#94
 Hexachlorobutadiene
 Concen: 19.874 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN056357.D
 Acq: 18 Jun 2019 11:45

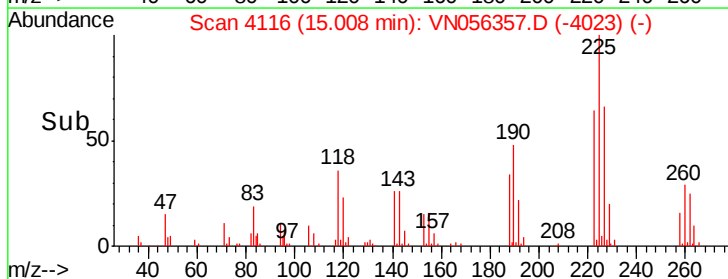
Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.7	31.2	93.6
227	64.7	31.7	95.1

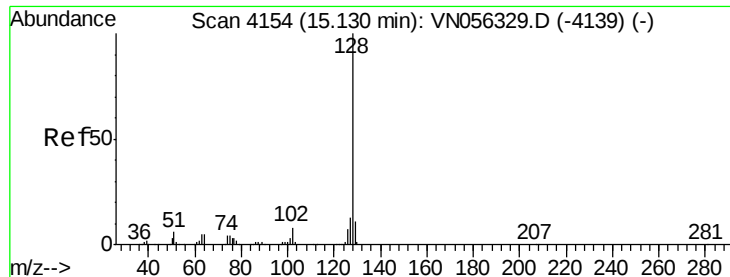


Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V



Time-->





#95

Naphthalene

Concen: 19.114 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN056357.D

Acq: 18 Jun 2019 11:45

Instrument :

MSVOA_N

ClientSampled :

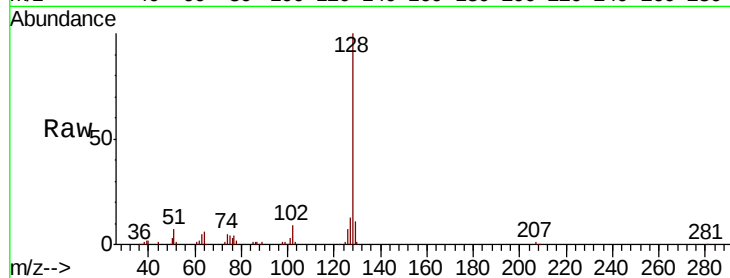
Tot Ion:128 Resp: 141488

Ion Ratio Lower Upper

128 100

127 13.0 10.6 15.8

129 11.6 8.6 12.8

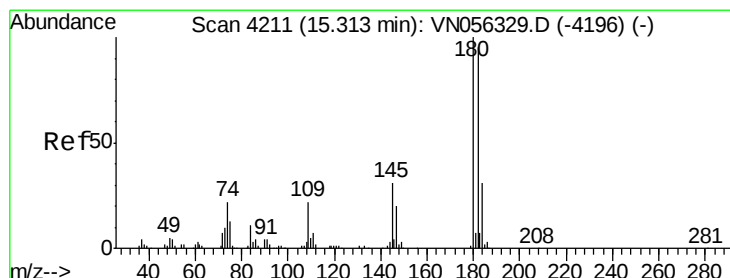
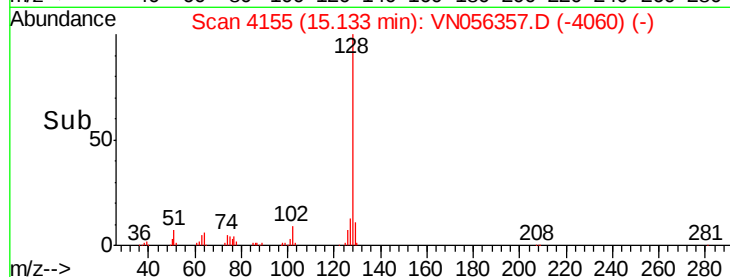
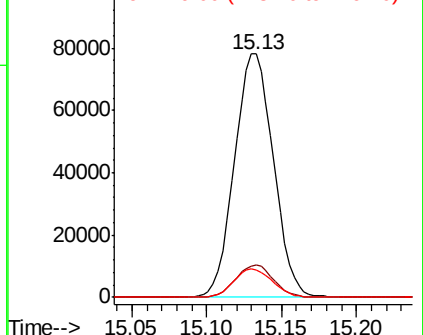


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.925 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN056357.D

Acq: 18 Jun 2019 11:45

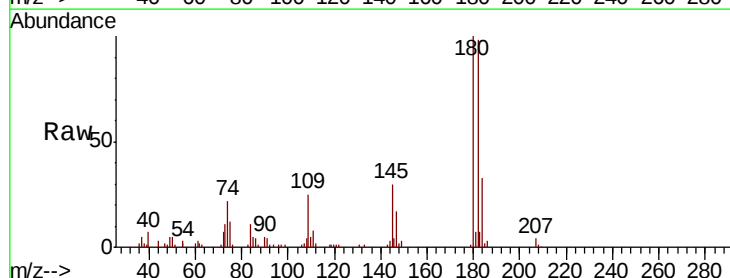
Tgt Ion:180 Resp: 57619

Ion Ratio Lower Upper

180 100

182 94.6 47.1 141.4

145 29.5 14.9 44.9



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

