

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071919\
 Data File : VN056825.D
 Acq On : 19 Jul 2019 12:35
 Operator : JC/SP
 Sample : VN0719WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 19 23:13:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 16 07:03:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	301470	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	466627	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	414644	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	168954	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	170299	51.07	ug/l	0.00
Spiked Amount						
			Recovery	=	102.14%	
35) Dibromofluoromethane	7.59	113	148662	51.19	ug/l	0.00
Spiked Amount						
			Recovery	=	102.38%	
50) Toluene-d8	10.09	98	566665	50.52	ug/l	0.00
Spiked Amount						
			Recovery	=	101.04%	
62) 4-Bromofluorobenzene	12.40	95	183391	48.49	ug/l	0.00
Spiked Amount						
			Recovery	=	96.98%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	52653	18.600	ug/l	100
3) Chloromethane	2.06	50	71333	18.743	ug/l	99
4) Vinyl Chloride	2.18	62	67820	18.505	ug/l	100
5) Bromomethane	2.55	94	40967	19.008	ug/l	95
6) Chloroethane	2.70	64	39632	18.557	ug/l	98
7) Trichlorofluoromethane	3.01	101	91008	19.352	ug/l	98
8) Diethyl Ether	3.41	74	36135	19.709	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	55753	19.733	ug/l	100
10) Methyl Iodide	3.95	142	70826	18.742	ug/l	99
11) Tert butyl alcohol	4.79	59	54913	98.932	ug/l	99
12) 1,1-Dichloroethene	3.73	96	54691	19.298	ug/l	96
13) Acrolein	3.61	56	17196	97.505	ug/l	98
14) Allyl chloride	4.32	41	93124	19.001	ug/l	99
15) Acrylonitrile	4.99	53	162467	101.357	ug/l	99
16) Acetone	3.82	43	136494	88.823	ug/l	100
17) Carbon Disulfide	4.05	76	127721	17.054	ug/l	98
18) Methyl Acetate	4.33	43	72710	20.493	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	180047	19.939	ug/l	99
20) Methylene Chloride	4.55	84	66033	19.663	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	57948	19.344	ug/l	97
22) Diisopropyl ether	5.96	45	197217	20.386	ug/l	99
23) Vinyl Acetate	5.90	43	787366	100.439	ug/l	99
24) 1,1-Dichloroethane	5.85	63	111553	19.889	ug/l	99
25) 2-Butanone	6.84	43	212198	94.450	ug/l	99
26) 2,2-Dichloropropane	6.82	77	79543	19.669	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	71054	20.613	ug/l	97
28) Bromochloromethane	7.20	49	45502	17.255	ug/l	97
29) Tetrahydrofuran	7.21	42	145350	99.192	ug/l	99
30) Chloroform	7.37	83	113514	20.225	ug/l	95
31) Cyclohexane	7.65	56	103419	19.400	ug/l	93
32) 1,1,1-Trichloroethane	7.57	97	89205	20.097	ug/l	100
36) 1,1-Dichloropropene	7.79	75	79276	18.359	ug/l	99
37) Ethyl Acetate	6.93	43	85119	20.001	ug/l	98
38) Carbon Tetrachloride	7.77	117	77782	19.208	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	96486	18.097	ug/l	99
40) Benzene	8.04	78	258709	19.554	ug/l	99
41) Methacrylonitrile	7.17	41	37032	19.810	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	82796	19.801	ug/l	99
43) Isopropyl Acetate	8.17	43	131291	19.624	ug/l #	91
44) Trichloroethene	8.83	130	69598	19.371	ug/l	96
45) 1,2-Dichloropropane	9.12	63	69463	19.759	ug/l	97
46) Dibromomethane	9.21	93	43798	20.104	ug/l	99
47) Bromodichloromethane	9.40	83	83087	20.070	ug/l	97
48) Methyl methacrylate	9.20	41	64267	19.862	ug/l	99
49) 1,4-Dioxane	9.20	88	25352	381.859	ug/l	99
51) 4-Methyl-2-Pentanone	9.98	43	424031	97.854	ug/l	99
52) Toluene	10.16	92	159221	20.264	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	84469	19.556	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	96698	19.293	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	66086	20.053	ug/l	97
56) Ethyl methacrylate	10.43	69	96743	20.402	ug/l	98
57) 1,3-Dichloropropane	10.71	76	109263	20.299	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	198366	86.992	ug/l	100
59) 2-Hexanone	10.75	43	299619	96.362	ug/l	100
60) Dibromochloromethane	10.90	129	63856	19.702	ug/l	99
61) 1,2-Dibromoethane	11.00	107	67735	20.681	ug/l	98
64) Tetrachloroethene	10.63	164	72531	20.276	ug/l	98
65) Chlorobenzene	11.43	112	169689	20.014	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	62240	19.938	ug/l	98
67) Ethyl Benzene	11.51	91	290317	19.484	ug/l	100
68) m/p-Xylenes	11.62	106	217905	39.132	ug/l	99
69) o-Xylene	11.95	106	106443	19.443	ug/l	99
70) Styrene	11.96	104	173946	19.653	ug/l	99
71) Bromoform	12.13	173	46170	19.438	ug/l #	98
73) Isopropylbenzene	12.25	105	279855	20.543	ug/l	100
74) N-amyl acetate	12.07	43	97659	19.249	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	93181	22.554	ug/l	97
76) 1,2,3-Trichloropropane	12.55	75	108896	29.469	ug/l #	100
77) Bromobenzene	12.53	156	73717	20.688	ug/l	98
78) n-propylbenzene	12.59	91	297647	19.681	ug/l	100
79) 2-Chlorotoluene	12.67	91	186727	21.404	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	237571	20.576	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	22411	18.730	ug/l	93
82) 4-Chlorotoluene	12.77	91	176205	19.853	ug/l	99
83) tert-Butylbenzene	12.99	119	203387	21.783	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	231042	20.483	ug/l	99
85) sec-Butylbenzene	13.17	105	260518	20.306	ug/l	99
86) p-Isopropyltoluene	13.29	119	235284	20.244	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	112815	19.319	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	109757	19.323	ug/l	99
89) n-Butylbenzene	13.61	91	175079	18.701	ug/l	100
90) Hexachloroethane	13.87	117	36833	19.597	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	117348	19.648	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.26	75	14522	19.880	ug/l	97

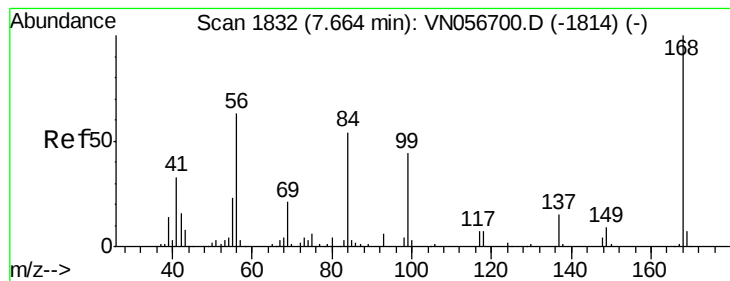
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	46429	16.724	ug/l	99
94) Hexachlorobutadiene	15.01	225	41882	21.587	ug/l	98
95) Naphthalene	15.13	128	112700	15.849	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	50627	17.750	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN056825.D

Acq: 19 Jul 2019 12:35

Instrument :

MSVOA_N

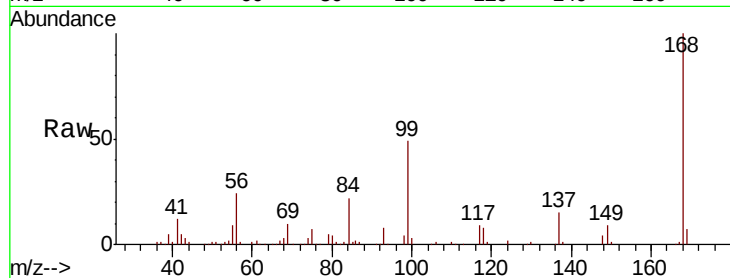
ClientSampleId :

Tot Ion:168 Resp: 301470

Ion Ratio Lower Upper

168 100

99 49.0 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

150000

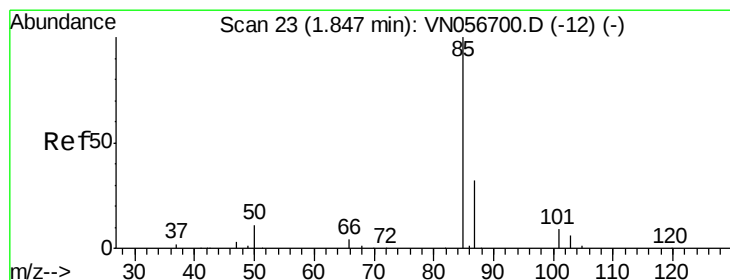
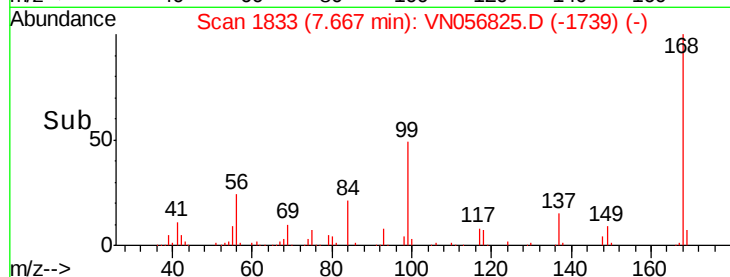
100000

50000

0

Time-->

7.60 7.70 7.80



#2

Dichlorodifluoromethane

Concen: 18.600 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN056825.D

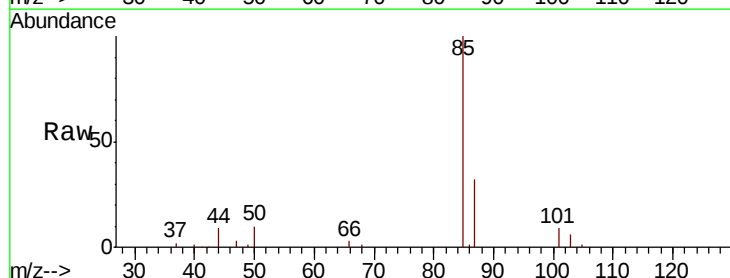
Acq: 19 Jul 2019 12:35

Tgt Ion: 85 Resp: 52653

Ion Ratio Lower Upper

85 100

87 32.0 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

40000

30000

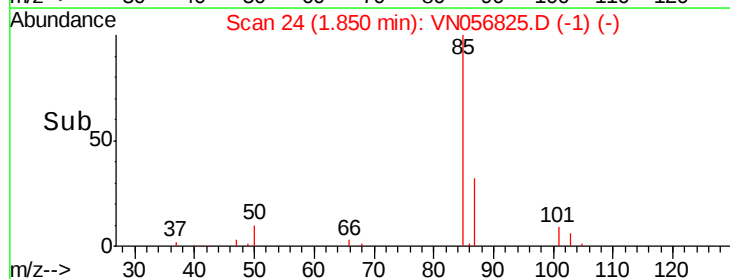
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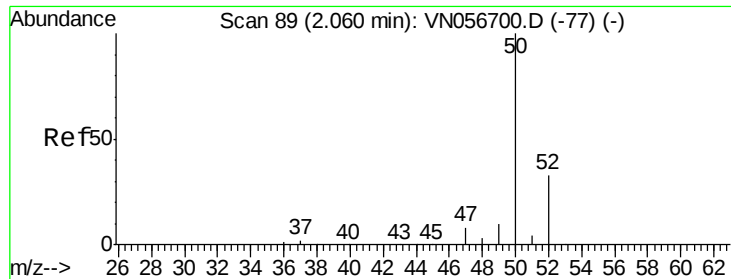
10000

0

Time-->

1.80 1.85 1.90





#3

Chloromethane

Concen: 18.743 ug/l

RT: 2.06 min Scan# 88

Delta R.T. -0.00 min

Lab File: VN056825.D

Acq: 19 Jul 2019 12:35

Instrument :

MSVOA_N

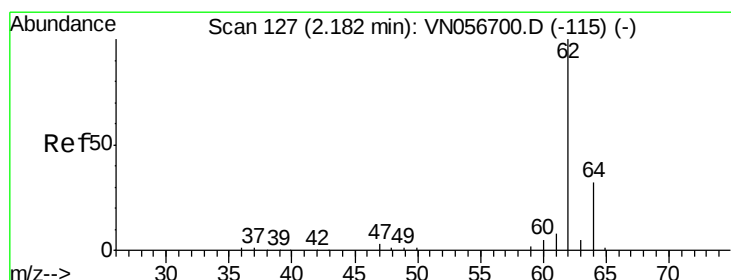
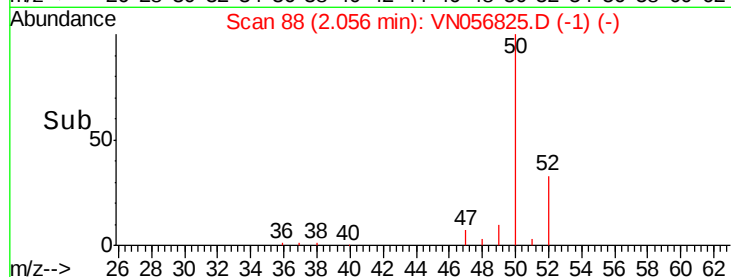
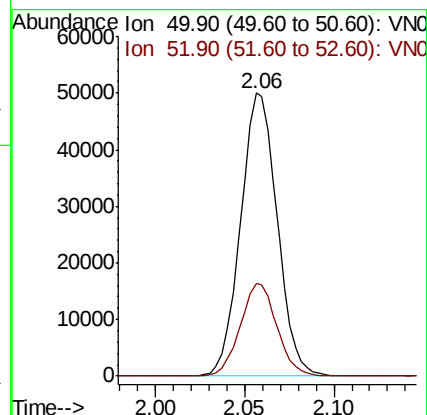
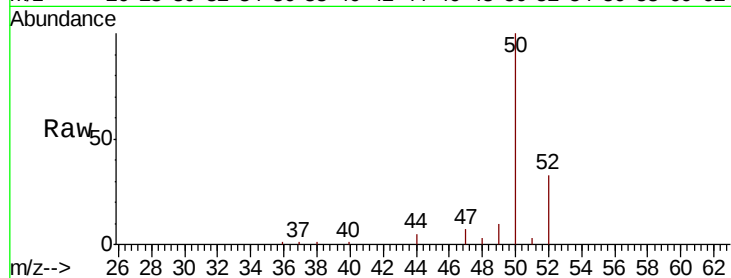
ClientSampled :

Tot Ion: 50 Resp: 71333

Ion Ratio Lower Upper

50 100

52 32.7 26.5 39.7



#4

Vinyl Chloride

Concen: 18.505 ug/l

RT: 2.18 min Scan# 127

Delta R.T. -0.00 min

Lab File: VN056825.D

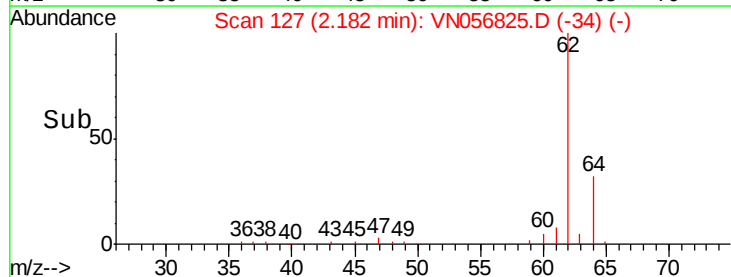
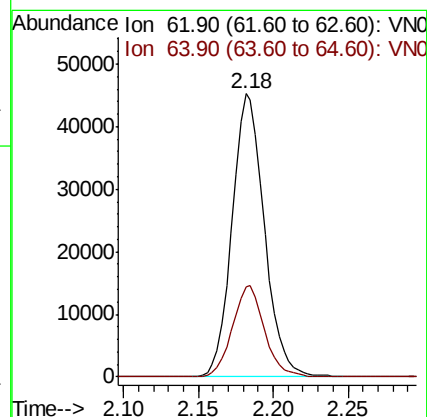
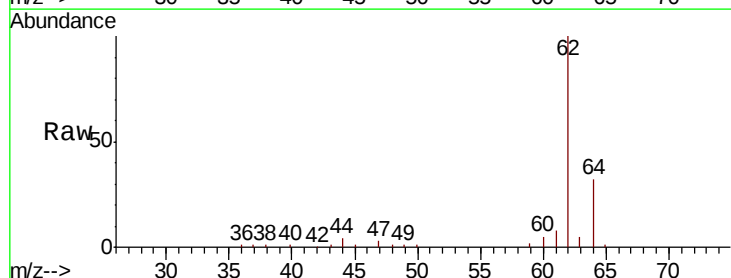
Acq: 19 Jul 2019 12:35

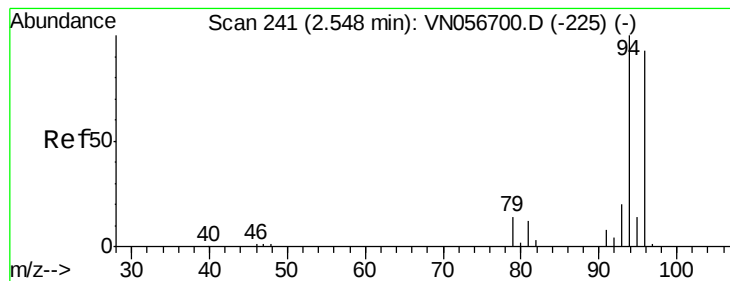
Tgt Ion: 62 Resp: 67820

Ion Ratio Lower Upper

62 100

64 31.9 25.6 38.4





#5

Bromomethane

Concen: 19.008 ug/l

RT: 2.55 min Scan# 242

Delta R.T. 0.00 min

Lab File: VN056825.D

Acq: 19 Jul 2019 12:35

Instrument :

MSVOA_N

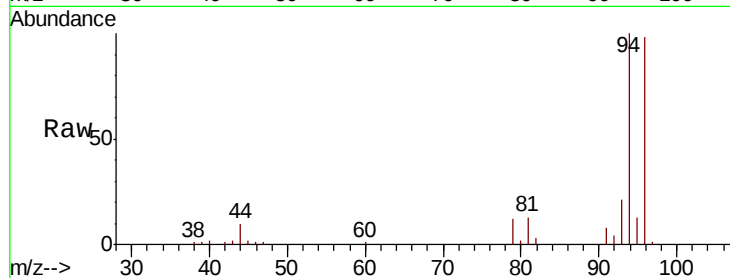
ClientSampled :

Tot Ion: 94 Resp: 40967

Ion Ratio Lower Upper

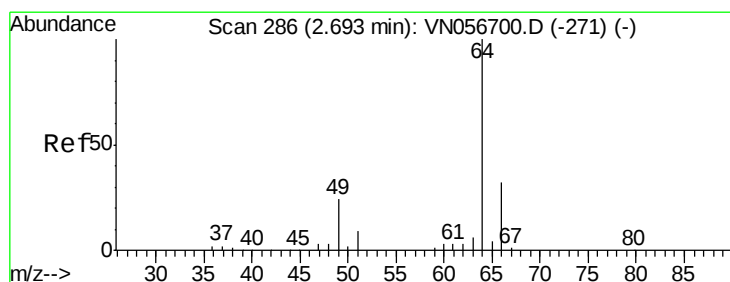
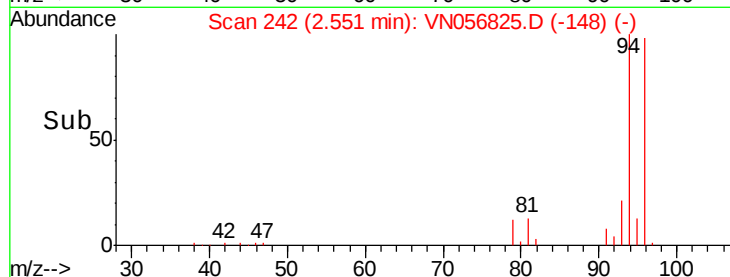
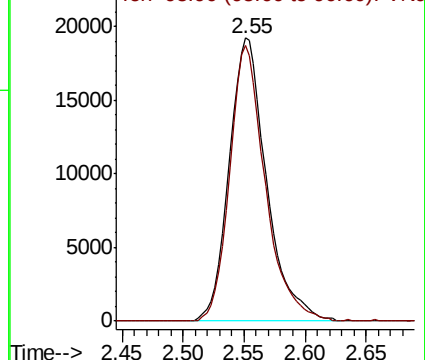
94 100

96 97.6 74.0 111.0



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 18.557 ug/l

RT: 2.70 min Scan# 287

Delta R.T. 0.00 min

Lab File: VN056825.D

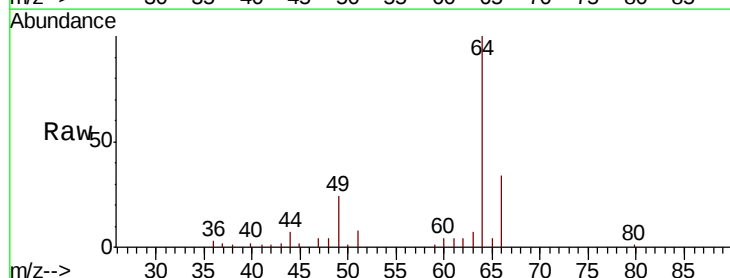
Acq: 19 Jul 2019 12:35

Tgt Ion: 64 Resp: 39632

Ion Ratio Lower Upper

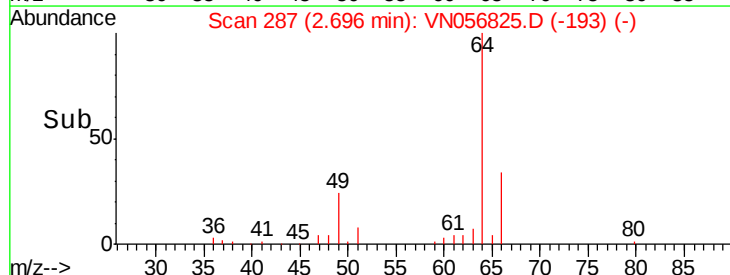
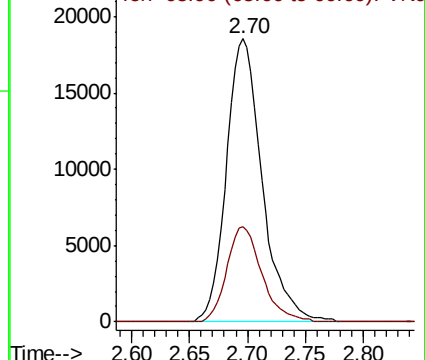
64 100

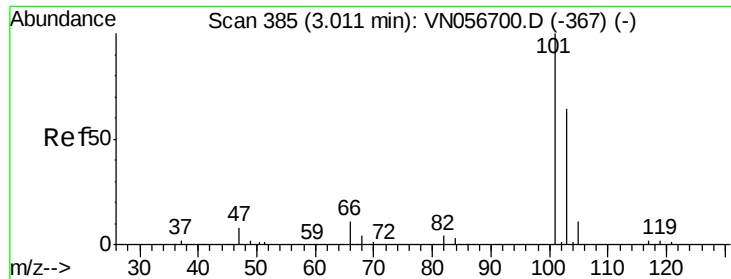
66 33.6 25.8 38.8



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



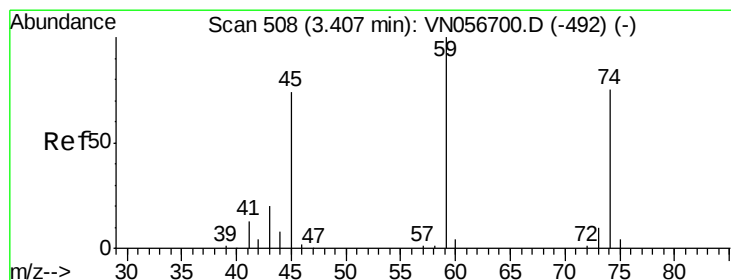
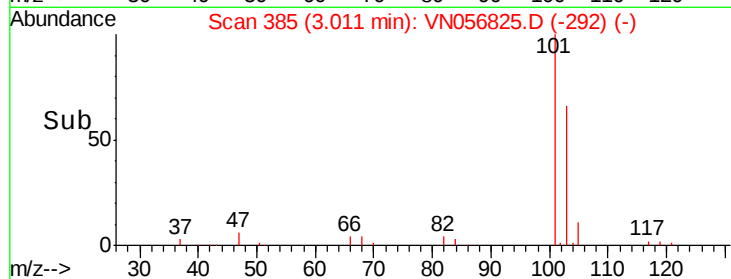
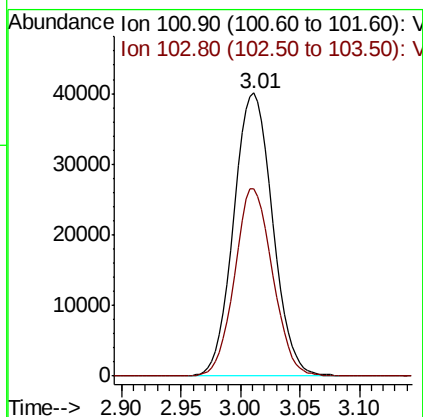
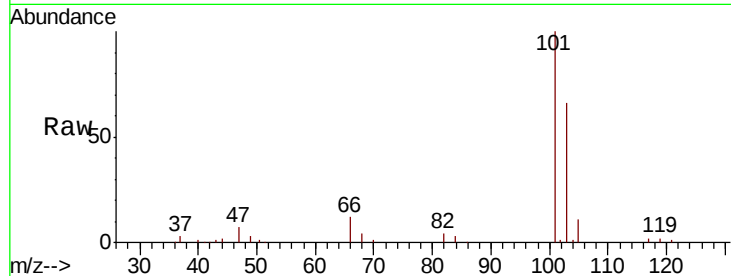


#7

Trichlorofluoromethane
 Concen: 19.352 ug/l
 RT: 3.01 min Scan# 385
 Delta R.T. -0.00 min
 Lab File: VN056825.D
 Acq: 19 Jul 2019 12:35

Instrument :
 MSVOA_N
 ClientSampled :

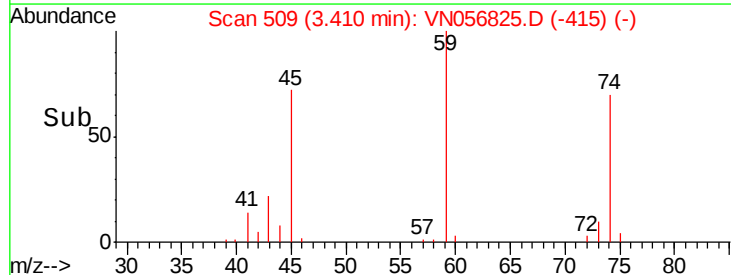
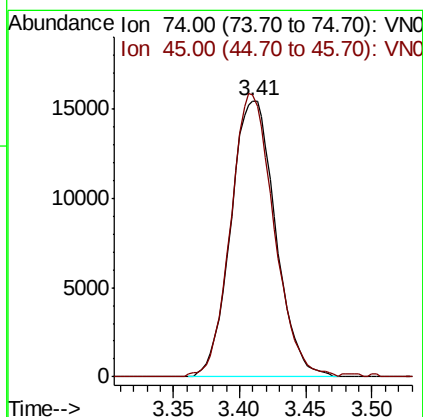
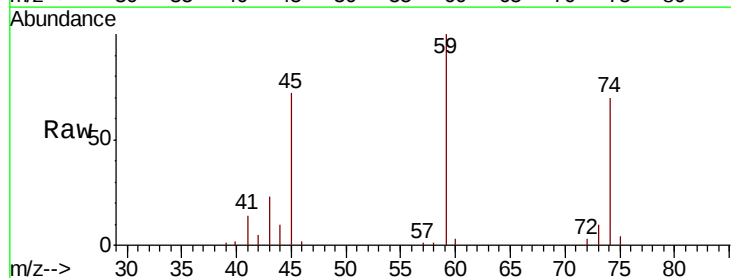
Tot Ion:101 Resp: 91008
 Ion Ratio Lower Upper
 101 100
 103 66.1 51.5 77.3

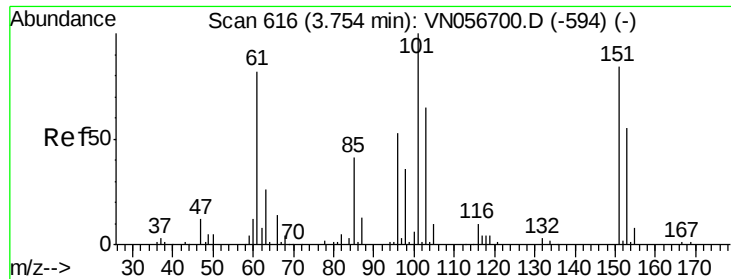


#8

Diethyl Ether
 Concen: 19.709 ug/l
 RT: 3.41 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN056825.D
 Acq: 19 Jul 2019 12:35

Tgt Ion: 74 Resp: 36135
 Ion Ratio Lower Upper
 74 100
 45 99.5 49.4 148.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.733 ug/l

RT: 3.76 min Scan# 617

Delta R.T. 0.00 min

Lab File: VN056825.D

Acq: 19 Jul 2019 12:35

Instrument :

MSVOA_N

ClientSampleId :

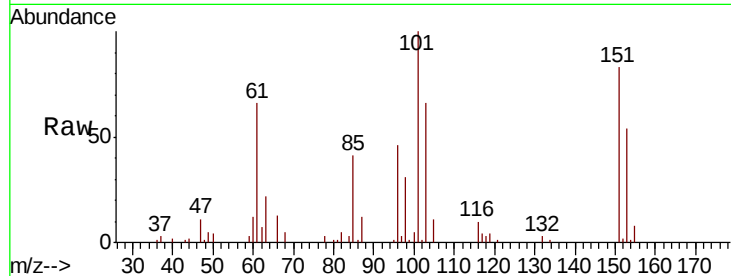
Tot Ion:101 Resp: 55753

Ion Ratio Lower Upper

101 100

85 41.7 33.3 49.9

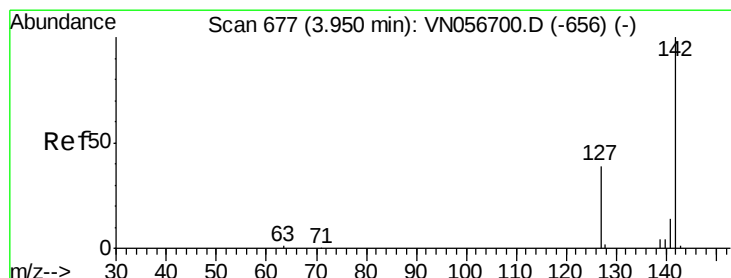
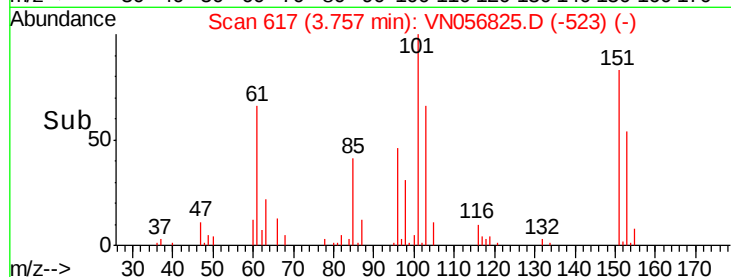
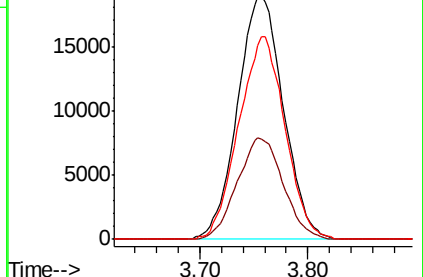
151 84.0 67.0 100.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.742 ug/l

RT: 3.95 min Scan# 678

Delta R.T. 0.00 min

Lab File: VN056825.D

Acq: 19 Jul 2019 12:35

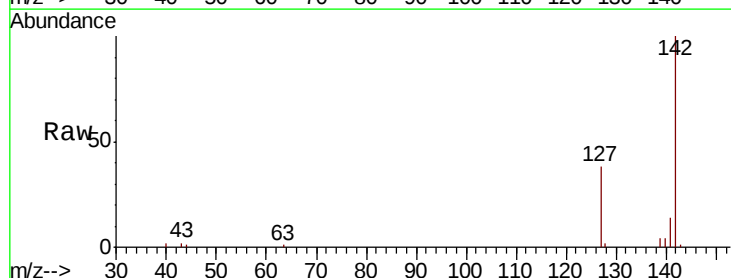
Tgt Ion:142 Resp: 70826

Ion Ratio Lower Upper

142 100

127 37.7 30.7 46.1

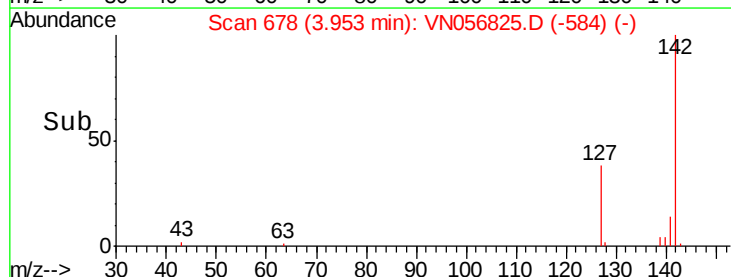
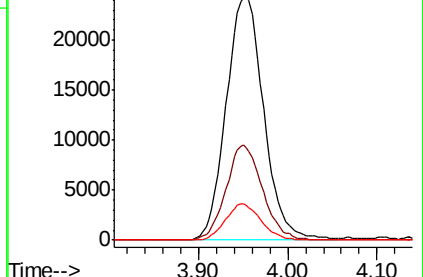
141 14.0 11.3 16.9

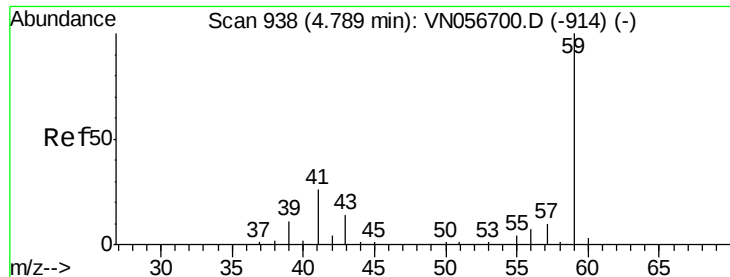


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

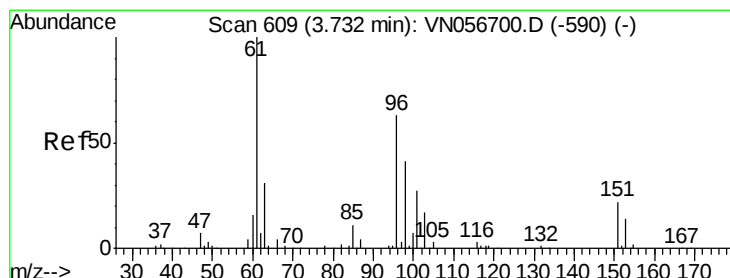
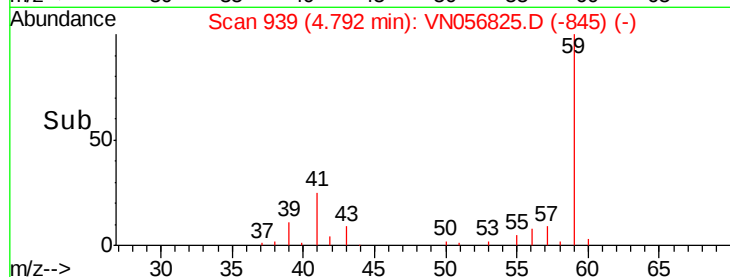
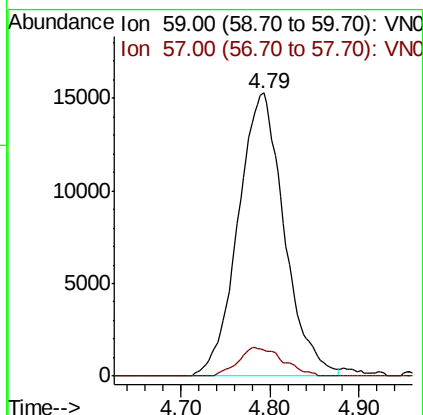
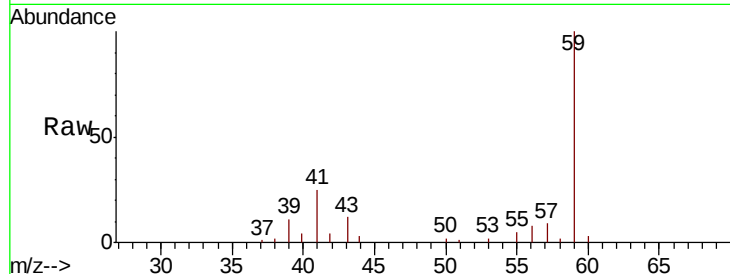




#11
Tert butyl alcohol
Concen: 98.932 ug/l
RT: 4.79 min Scan# 939
Delta R.T. 0.00 min
Lab File: VN056825.D
Acq: 19 Jul 2019 12:35

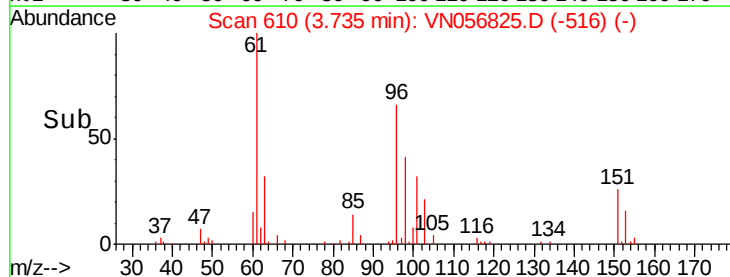
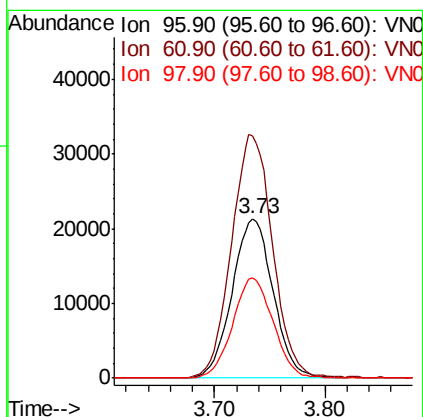
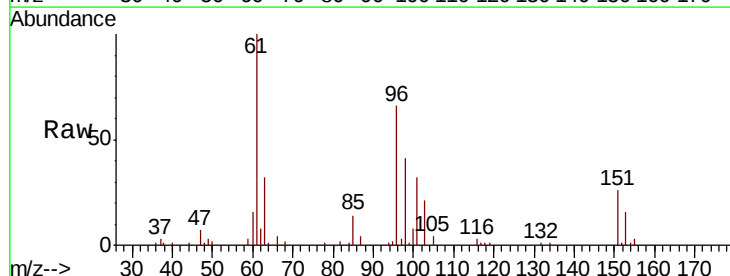
Instrument :
MSVOA_N
ClientSampled :

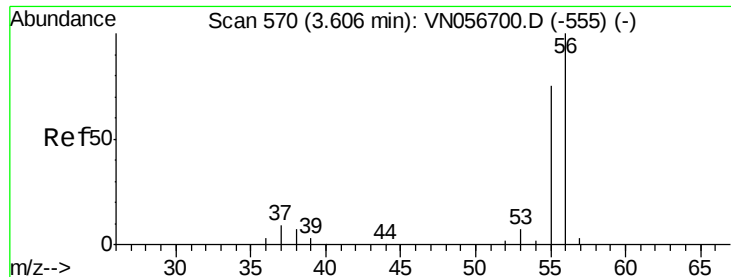
Tot Ion: 59 Resp: 54913
Ion Ratio Lower Upper
59 100
57 9.8 8.0 12.0



#12
1,1-Dichloroethene
Concen: 19.298 ug/l
RT: 3.73 min Scan# 610
Delta R.T. 0.00 min
Lab File: VN056825.D
Acq: 19 Jul 2019 12:35

Tgt Ion: 96 Resp: 54691
Ion Ratio Lower Upper
96 100
61 152.2 126.6 189.8
98 62.9 51.4 77.2





#13

Acrolein

Concen: 97.505 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN056825.D

Acq: 19 Jul 2019 12:35

Instrument :

MSVOA_N

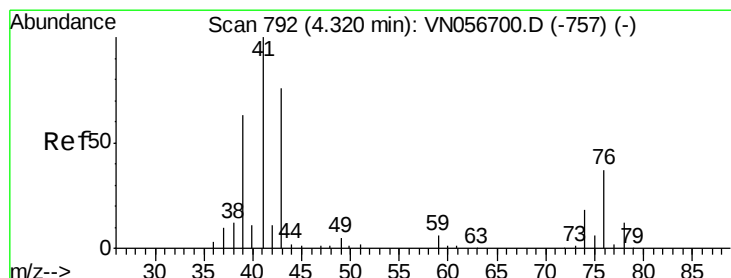
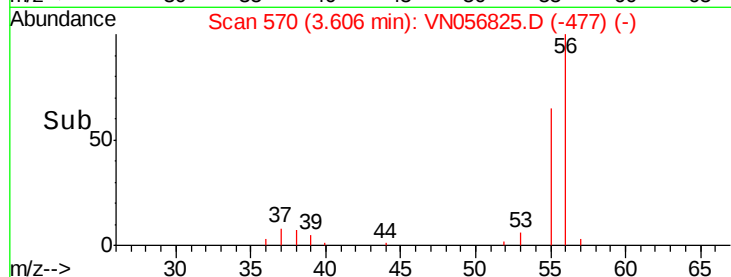
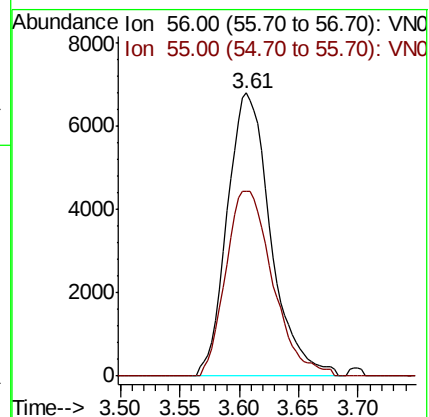
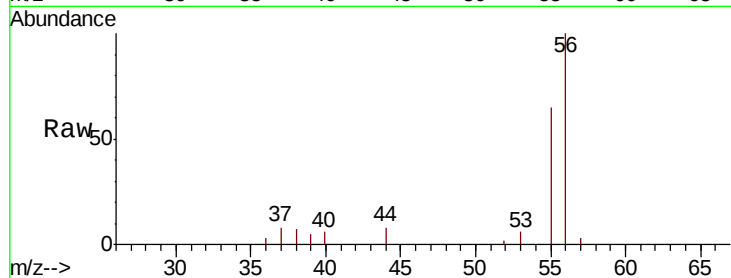
ClientSampleId :

Tot Ion: 56 Resp: 17196

Ion Ratio Lower Upper

56 100

55 70.4 58.0 87.0



#14

Allyl chloride

Concen: 19.001 ug/l

RT: 4.32 min Scan# 792

Delta R.T. -0.00 min

Lab File: VN056825.D

Acq: 19 Jul 2019 12:35

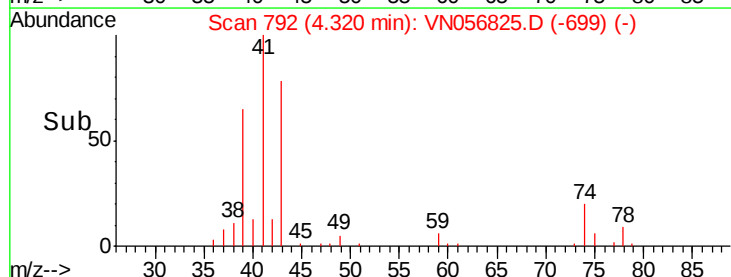
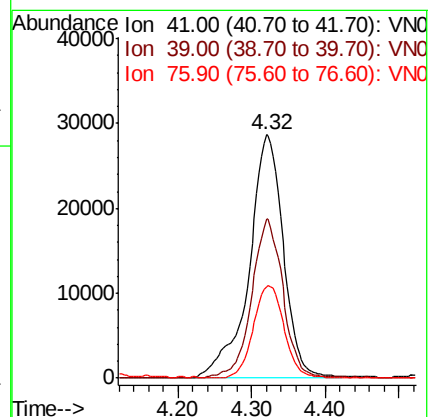
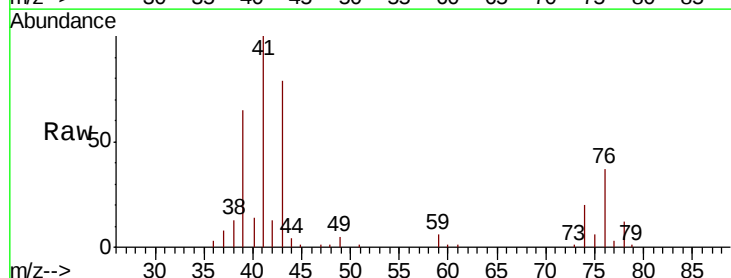
Tgt Ion: 41 Resp: 93124

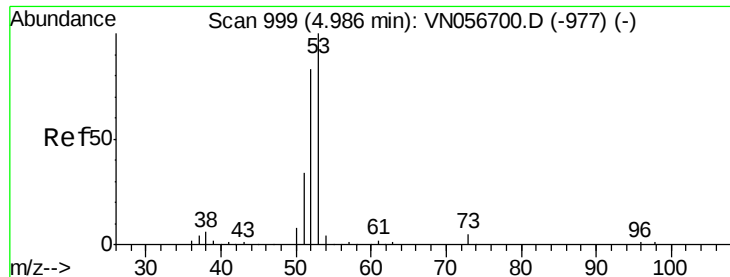
Ion Ratio Lower Upper

41 100

39 59.5 46.9 70.3

76 33.8 26.5 39.7





#15

Acrylonitrile

Concen: 101.357 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN056825.D

Acq: 19 Jul 2019 12:35

Instrument :

MSVOA_N

ClientSampled :

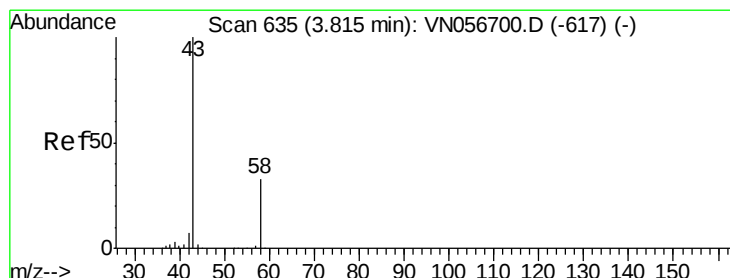
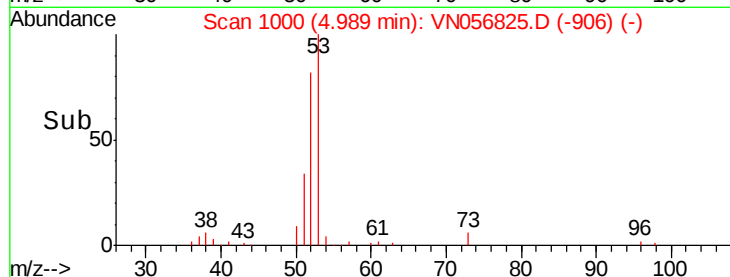
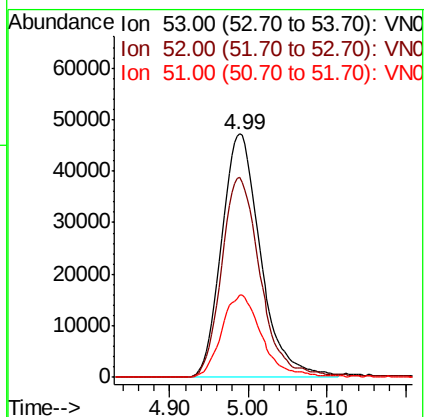
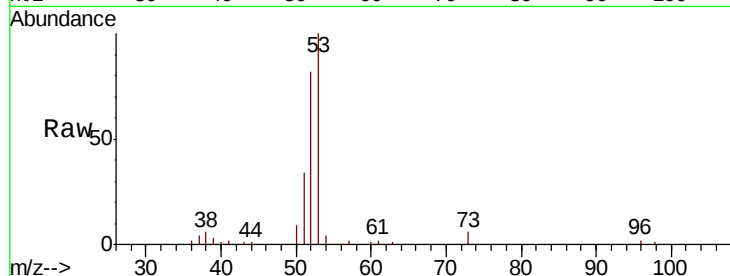
Tot Ion: 53 Resp: 162467

Ion Ratio Lower Upper

53 100

52 81.8 66.6 99.8

51 34.8 28.4 42.6



#16

Acetone

Concen: 88.823 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN056825.D

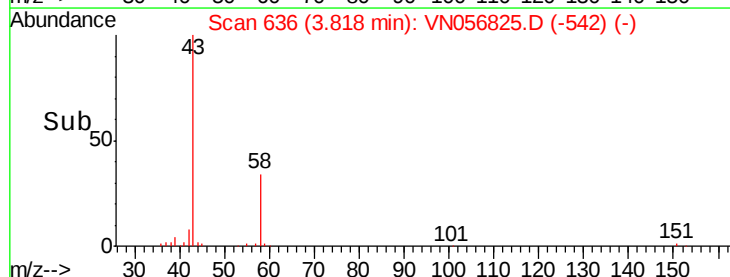
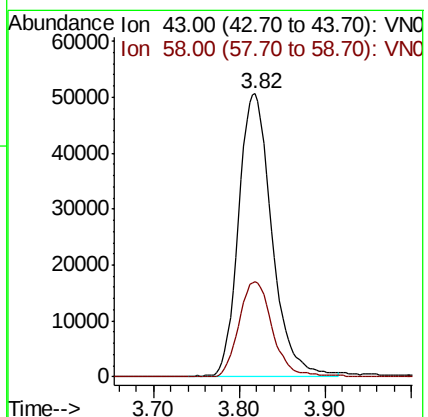
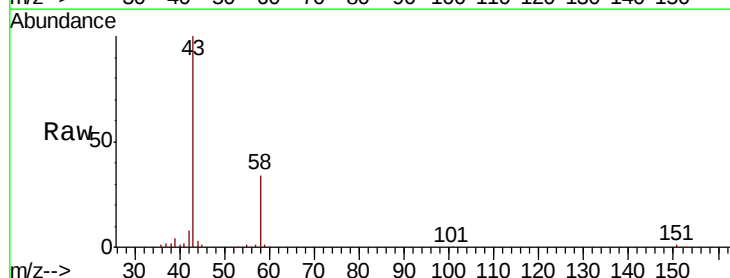
Acq: 19 Jul 2019 12:35

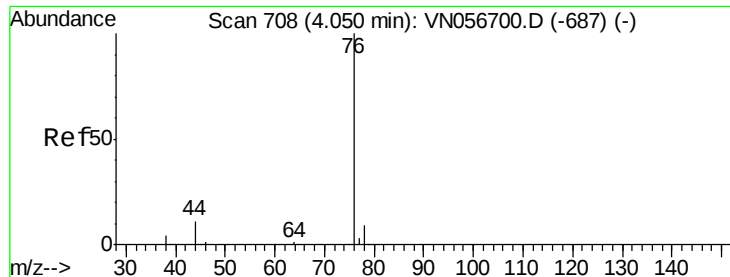
Tgt Ion: 43 Resp: 136494

Ion Ratio Lower Upper

43 100

58 33.5 26.7 40.1





#17

Carbon Disulfide

Concen: 17.054 ug/l

RT: 4.05 min Scan# 708

Delta R.T. -0.00 min

Lab File: VN056825.D

Acq: 19 Jul 2019 12:35

Instrument :

MSVOA_N

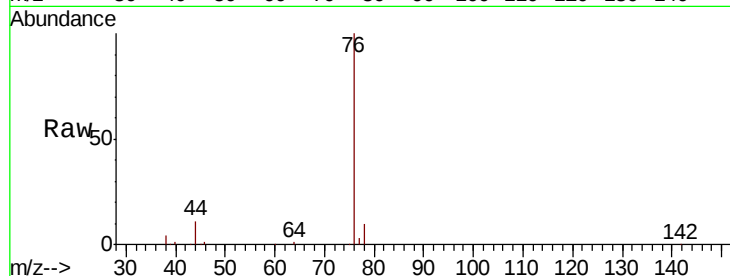
ClientSampleId :

Tot Ion: 76 Resp: 127721

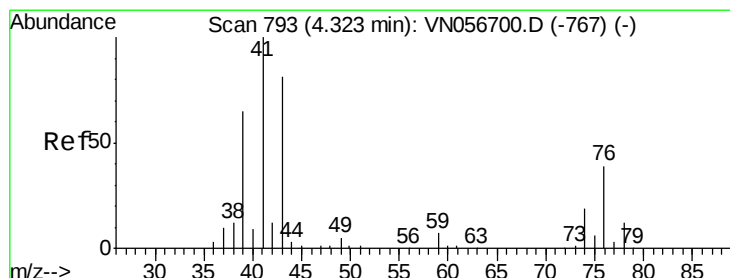
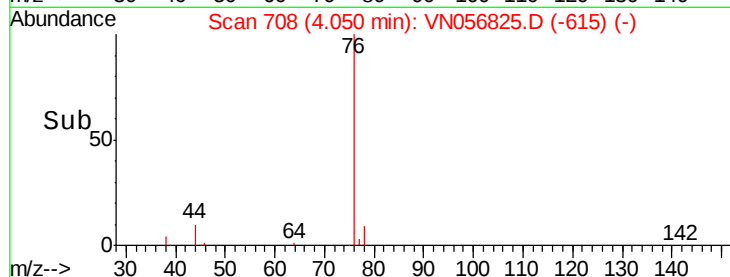
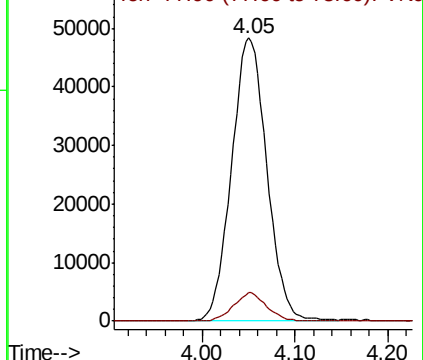
Ion Ratio Lower Upper

76 100

78 10.0 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VNC
Ion 77.90 (77.60 to 78.60): VNC



#18

Methyl Acetate

Concen: 20.493 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN056825.D

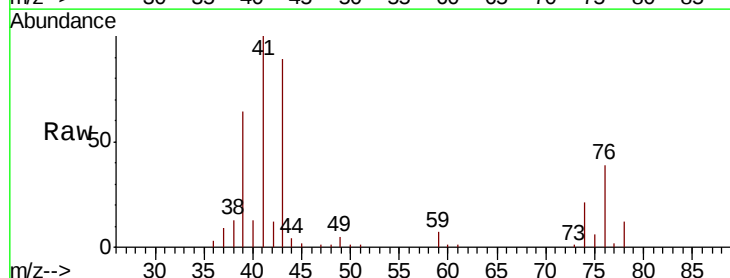
Acq: 19 Jul 2019 12:35

Tgt Ion: 43 Resp: 72710

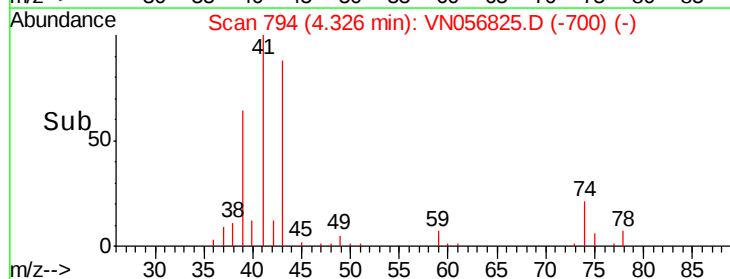
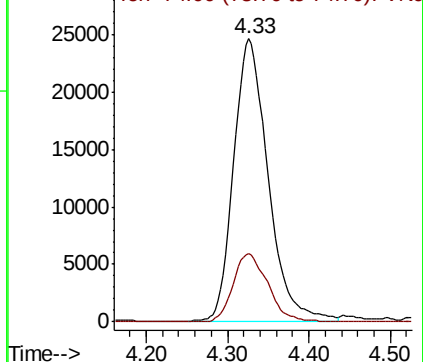
Ion Ratio Lower Upper

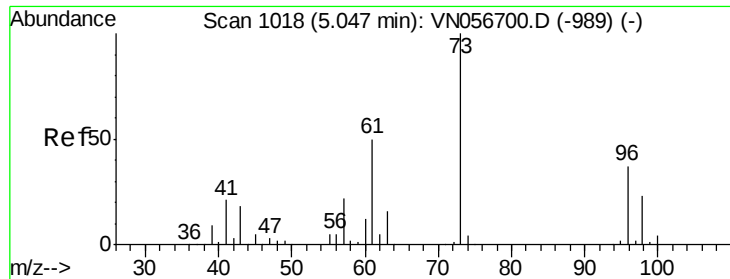
43 100

74 24.0 18.9 28.3



Abundance Ion 43.00 (42.70 to 43.70): VNC
Ion 74.00 (73.70 to 74.70): VNC

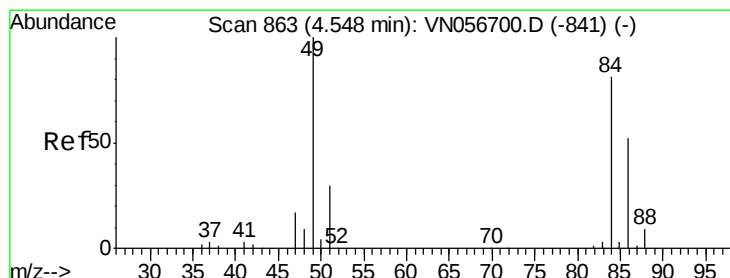
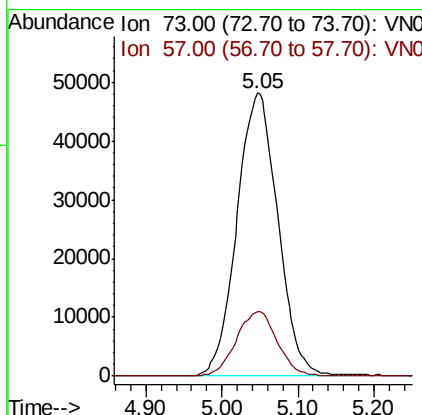
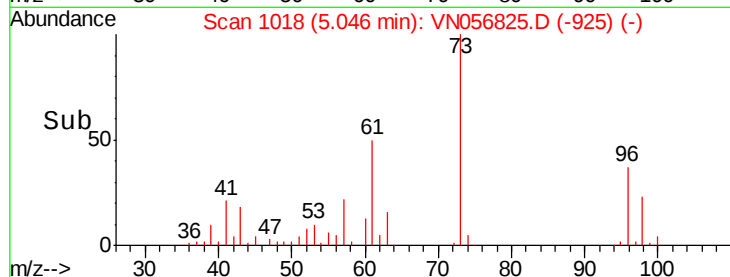
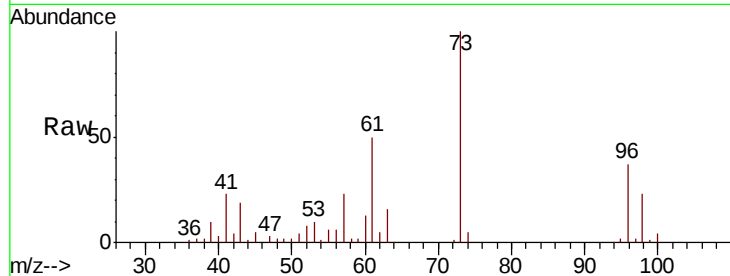




#19
Methyl tert-butyl Ether
Concen: 19.939 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VN056825.D
Acq: 19 Jul 2019 12:35

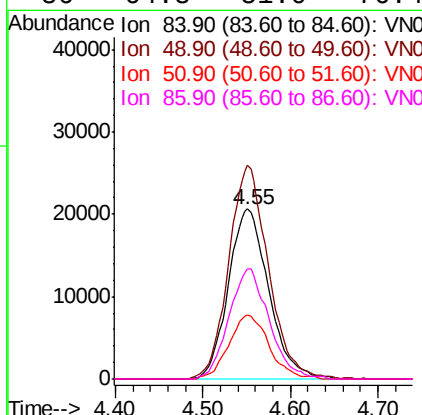
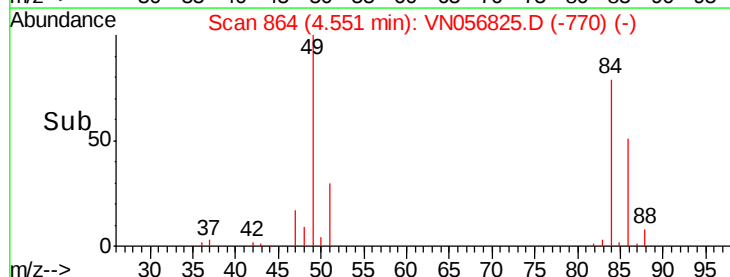
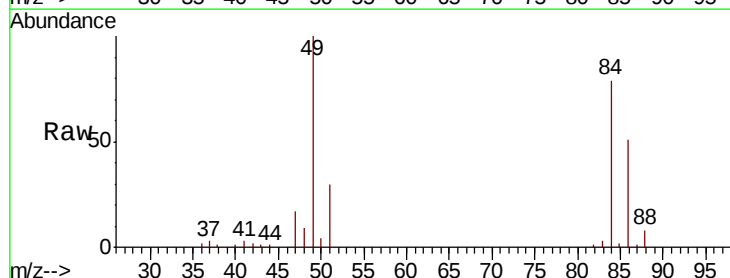
Instrument :
MSVOA_N
ClientSampled :

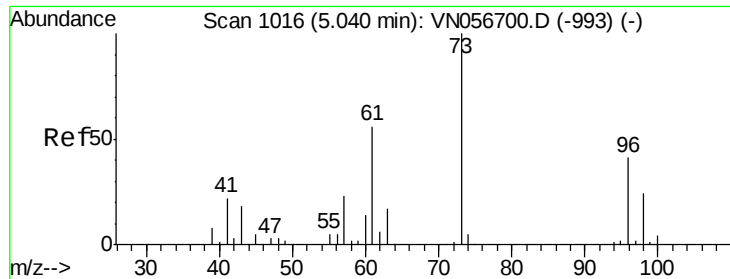
Tot Ion: 73 Resp: 180047
Ion Ratio Lower Upper
73 100
57 22.7 17.9 26.9



#20
Methylene Chloride
Concen: 19.663 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.00 min
Lab File: VN056825.D
Acq: 19 Jul 2019 12:35

Tgt Ion: 84 Resp: 66033
Ion Ratio Lower Upper
84 100
49 125.9 98.2 147.4
51 37.5 29.6 44.4
86 64.8 51.0 76.4

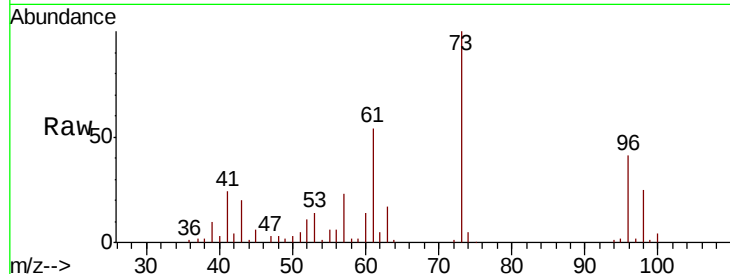




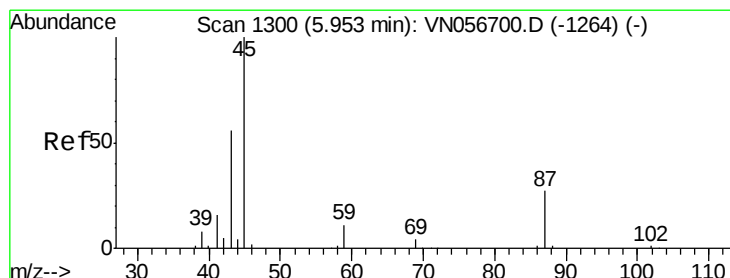
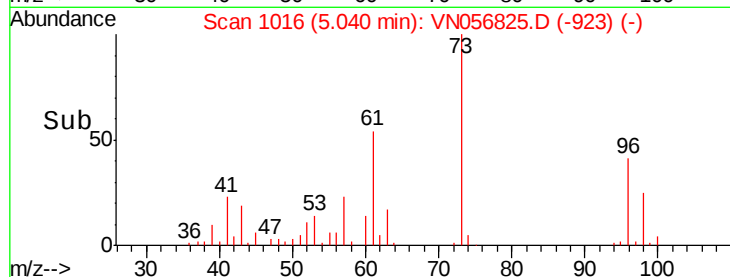
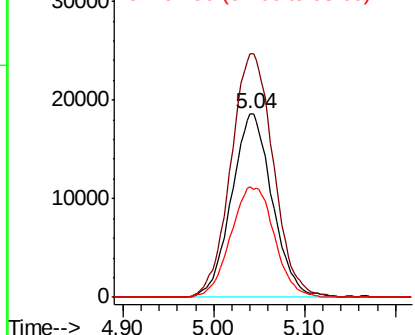
#21
trans-1,2-Dichloroethene
Concen: 19.344 ug/l
RT: 5.04 min Scan# 1016
Delta R.T. -0.00 min
Lab File: VN056825.D
Acq: 19 Jul 2019 12:35

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 96 Resp: 57948
Ion Ratio Lower Upper
96 100
61 132.4 109.4 164.2
98 60.0 48.0 72.0

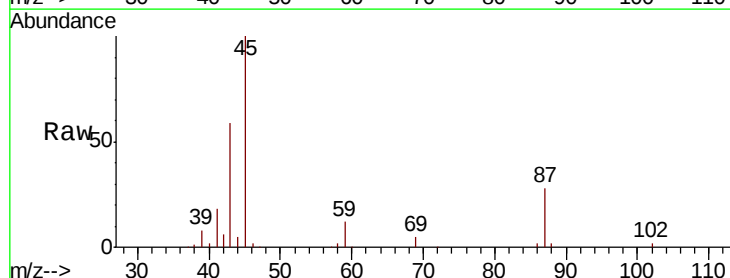


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

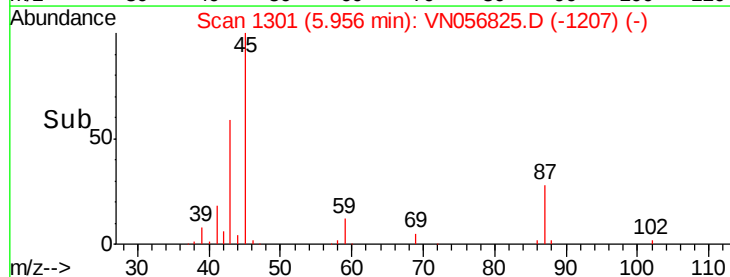
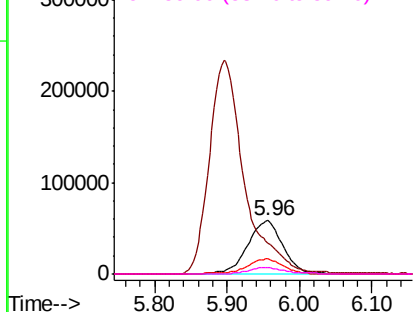


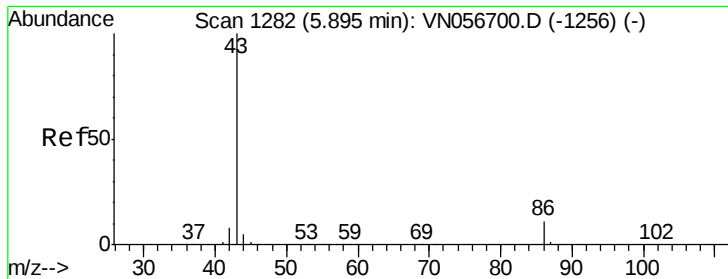
#22
Diisopropyl ether
Concen: 20.386 ug/l
RT: 5.96 min Scan# 1301
Delta R.T. 0.00 min
Lab File: VN056825.D
Acq: 19 Jul 2019 12:35

Tgt Ion: 45 Resp: 197217
Ion Ratio Lower Upper
45 100
43 56.1 45.6 68.4
87 27.5 22.0 33.0
59 11.7 9.3 13.9



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

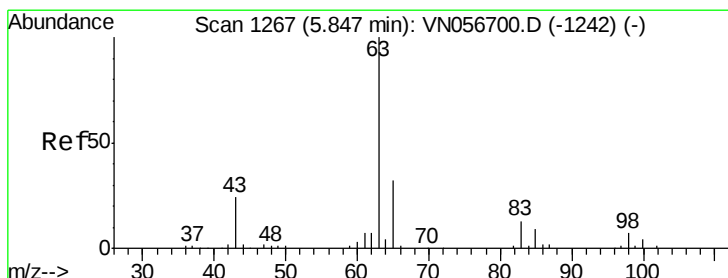
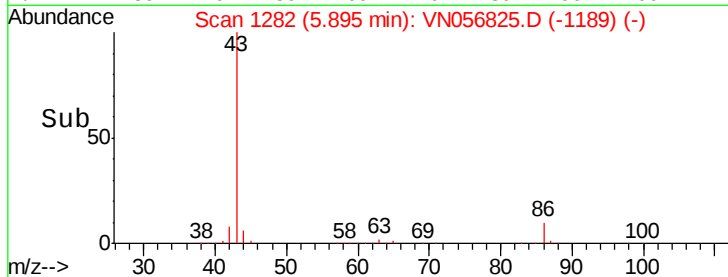
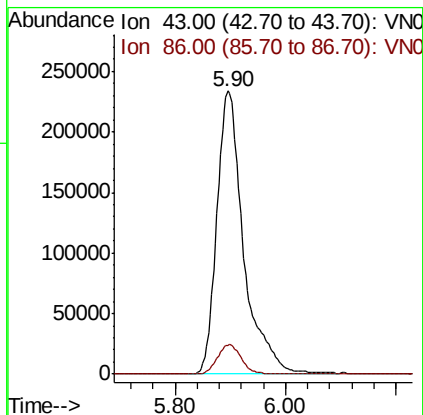
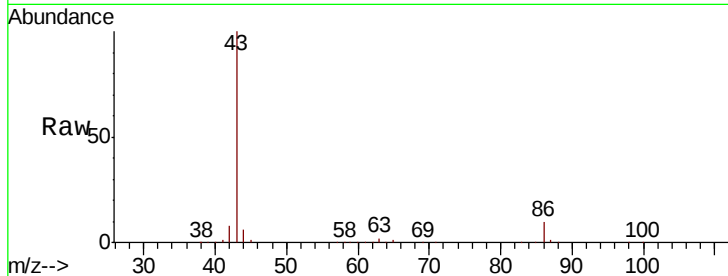




#23
 Vinyl Acetate
 Concen: 100.439 ug/l
 RT: 5.90 min Scan# 1282
 Delta R.T. -0.00 min
 Lab File: VN056825.D
 Acq: 19 Jul 2019 12:35

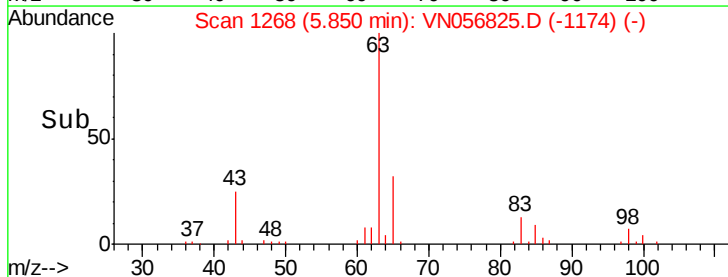
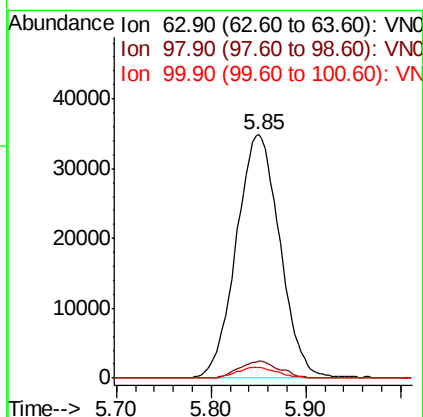
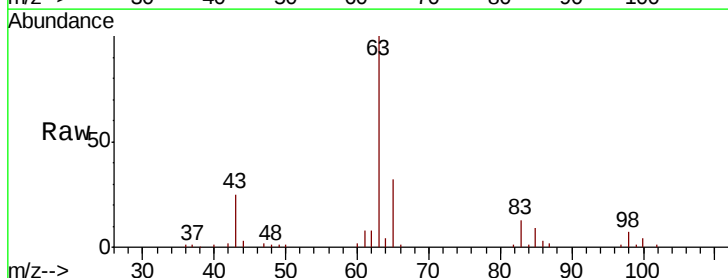
Instrument :
 MSVOA_N
 ClientSampled :

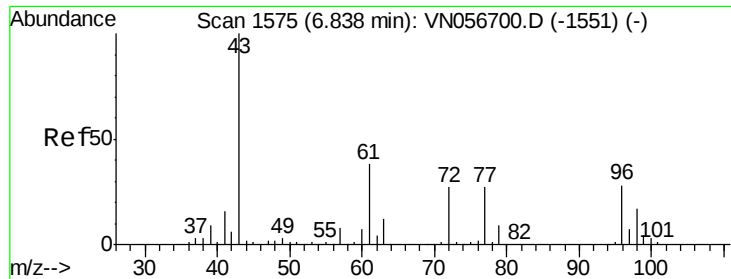
Tot Ion: 43 Resp: 787366
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 19.889 ug/l
 RT: 5.85 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VN056825.D
 Acq: 19 Jul 2019 12:35

Tgt Ion: 63 Resp: 111553
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.3 9.9
 100 4.3 2.0 5.8

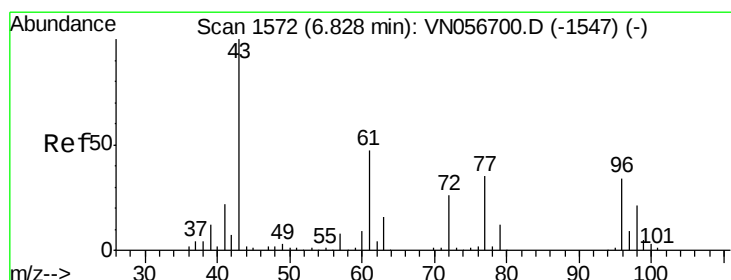
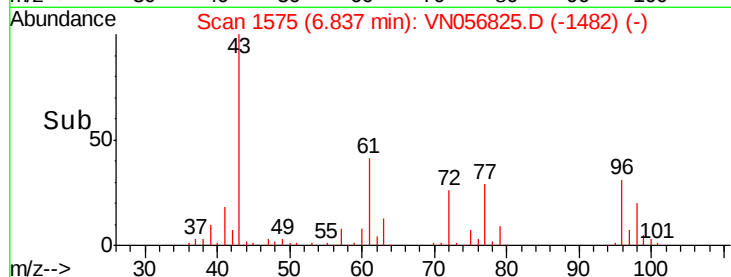
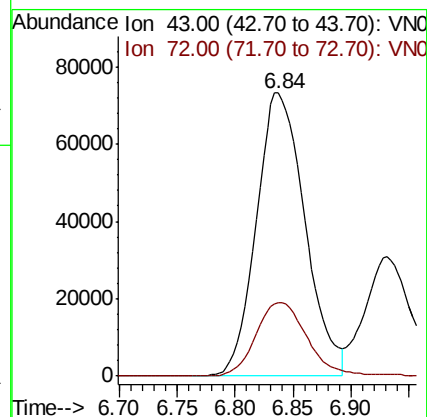
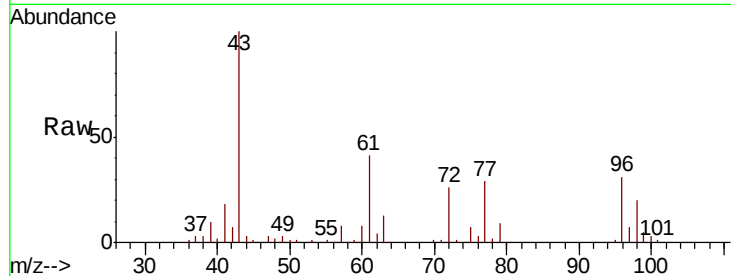




#25
2-Butanone
Concen: 94.450 ug/l
RT: 6.84 min Scan# 1575
Delta R.T. -0.00 min
Lab File: VN056825.D
Acq: 19 Jul 2019 12:35

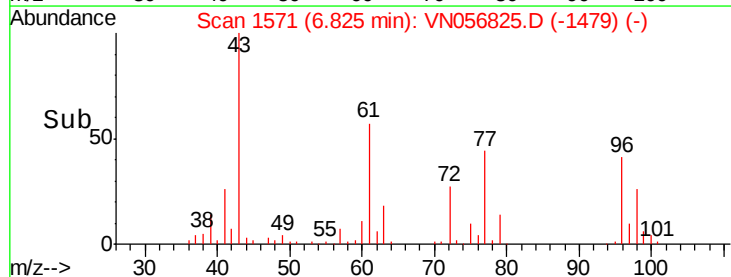
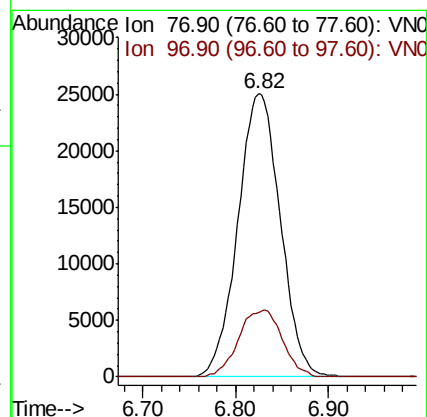
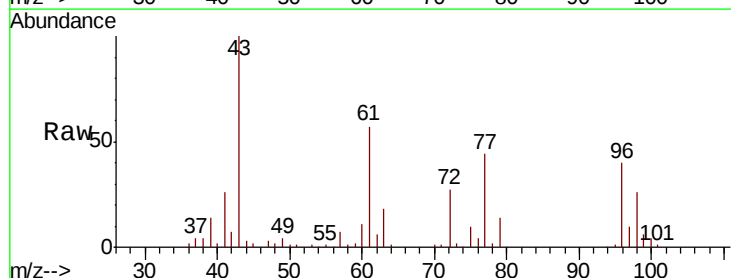
Instrument :
MSVOA_N
ClientSampleId :

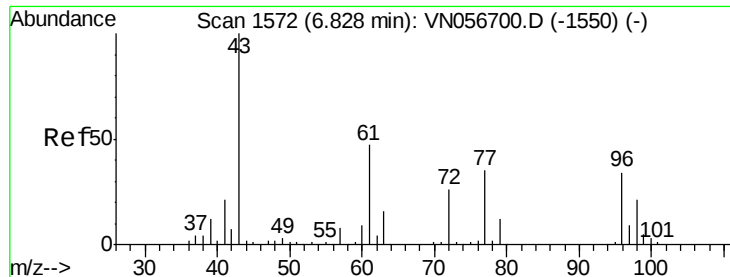
Tot Ion: 43 Resp: 212198
Ion Ratio Lower Upper
43 100
72 26.1 21.2 31.8



#26
2,2-Dichloropropane
Concen: 19.669 ug/l
RT: 6.82 min Scan# 1571
Delta R.T. -0.00 min
Lab File: VN056825.D
Acq: 19 Jul 2019 12:35

Tgt Ion: 77 Resp: 79543
Ion Ratio Lower Upper
77 100
97 24.3 12.2 36.6





#27

cis-1,2-Dichloroethene

Concen: 20.613 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN056825.D

Acq: 19 Jul 2019 12:35

Instrument :

MSVOA_N

ClientSampleId :

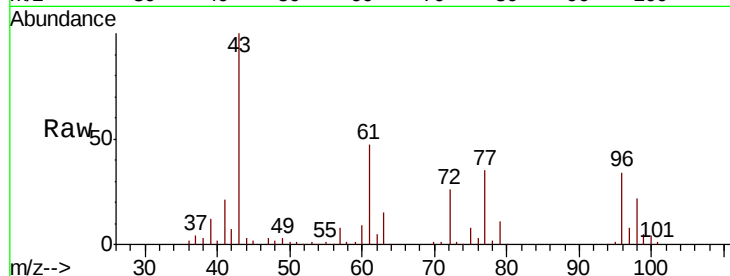
Tot Ion: 96 Resp: 71054

Ion Ratio Lower Upper

96 100

61 136.2 0.0 281.4

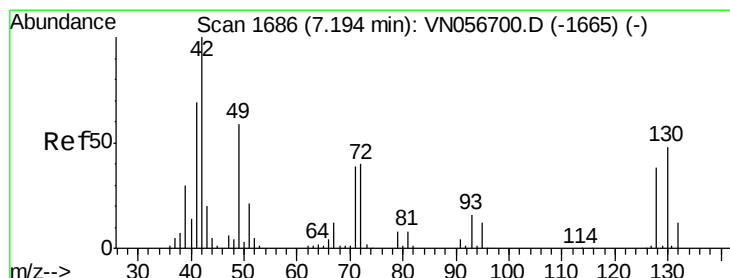
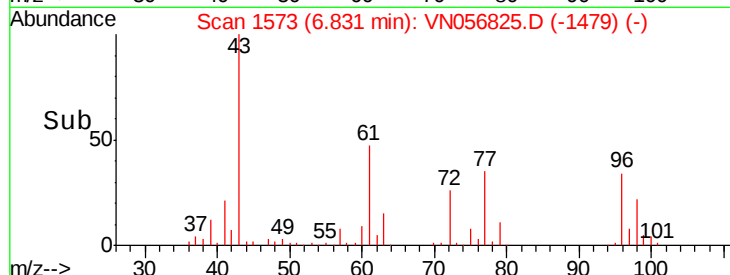
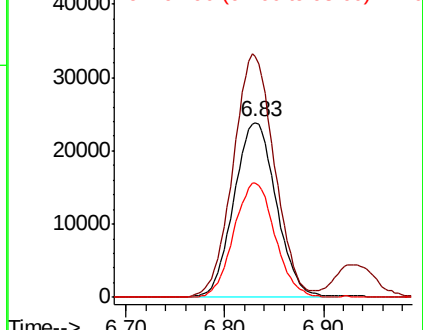
98 63.4 0.0 127.8



Abundance Ion 95.90 (95.60 to 96.60): VN056700.D (-1550) (-)

Ion 60.90 (60.60 to 61.60): VN056700.D (-1550) (-)

Ion 97.90 (97.60 to 98.60): VN056700.D (-1550) (-)



#28

Bromochloromethane

Concen: 17.255 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN056825.D

Acq: 19 Jul 2019 12:35

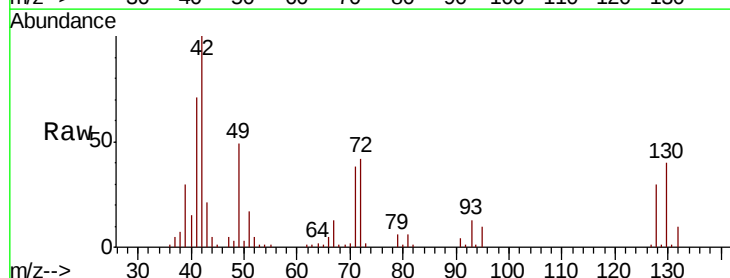
Tgt Ion: 49 Resp: 45502

Ion Ratio Lower Upper

49 100

129 1.5 0.0 4.0

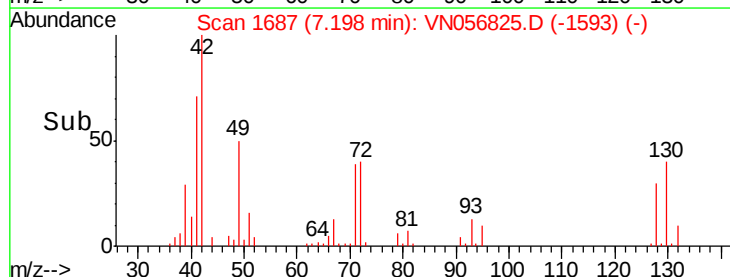
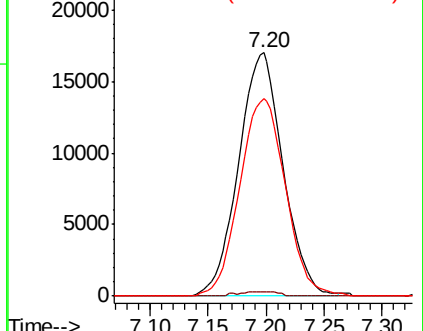
130 83.3 64.7 97.1

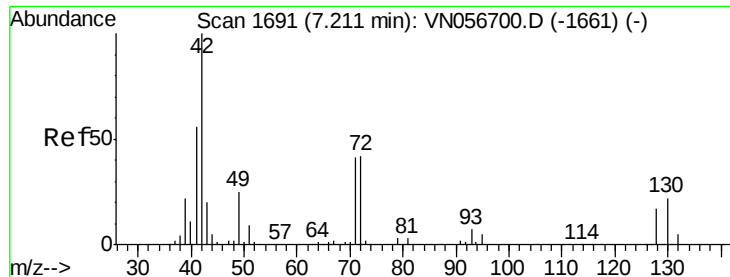


Abundance Ion 48.90 (48.60 to 49.60): VN056700.D (-1665) (-)

Ion 128.80 (128.50 to 129.50): VN056700.D (-1665) (-)

Ion 129.80 (129.50 to 130.50): VN056700.D (-1665) (-)

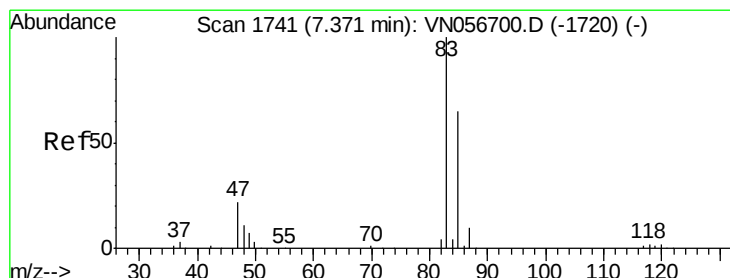
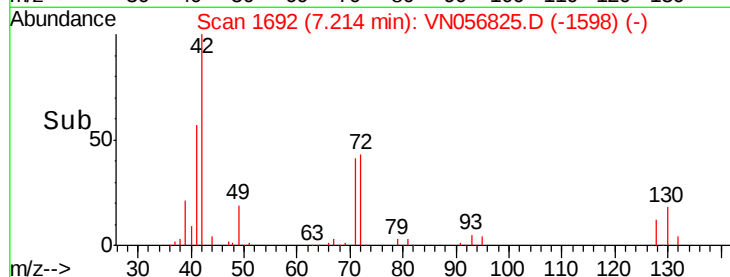
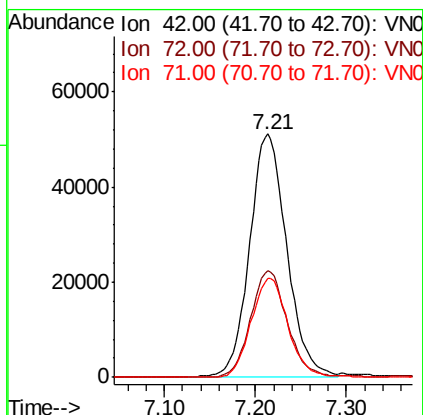
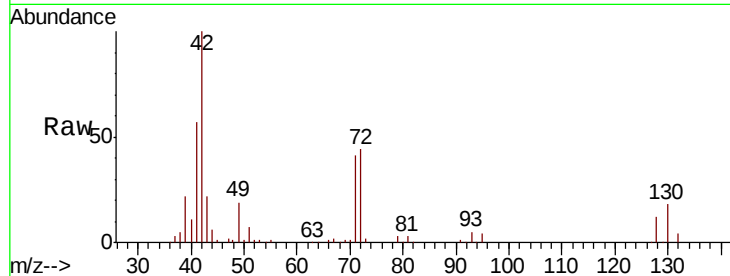




#29
Tetrahydrofuran
Concen: 99.192 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VN056825.D
Acq: 19 Jul 2019 12:35

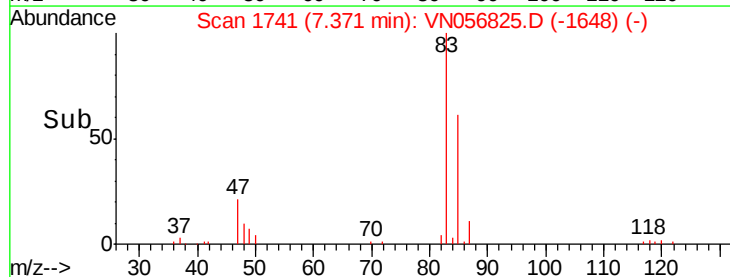
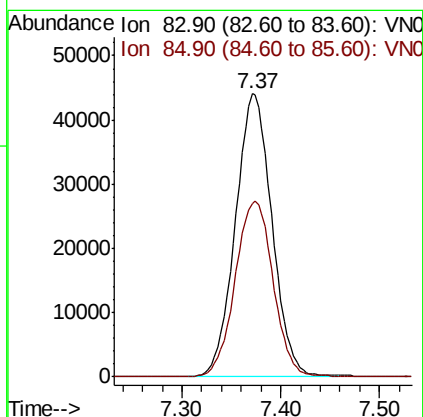
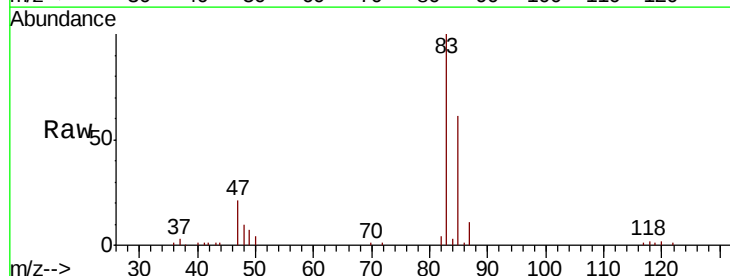
Instrument :
MSVOA_N
ClientSampleId :

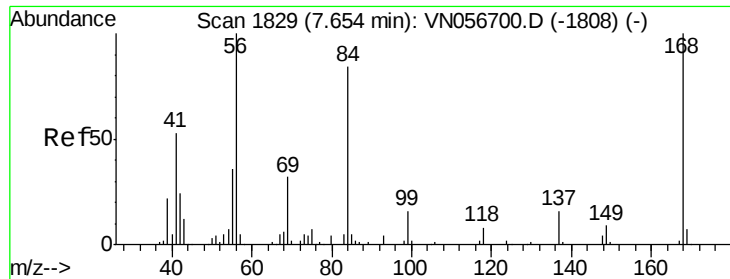
Tot Ion: 42 Resp: 145350
Ion Ratio Lower Upper
42 100
72 43.0 33.5 50.3
71 40.4 31.8 47.8



#30
Chloroform
Concen: 20.225 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN056825.D
Acq: 19 Jul 2019 12:35

Tgt Ion: 83 Resp: 113514
Ion Ratio Lower Upper
83 100
85 61.3 51.9 77.9

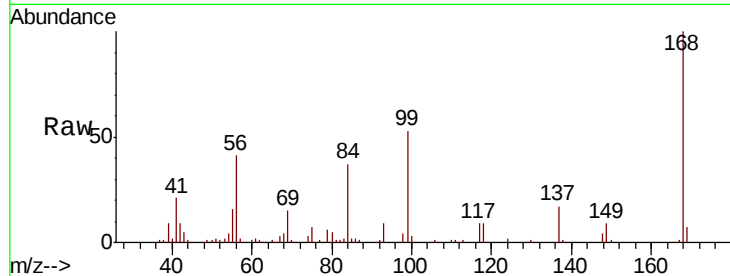




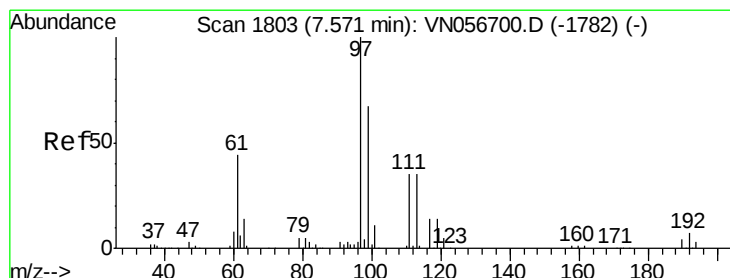
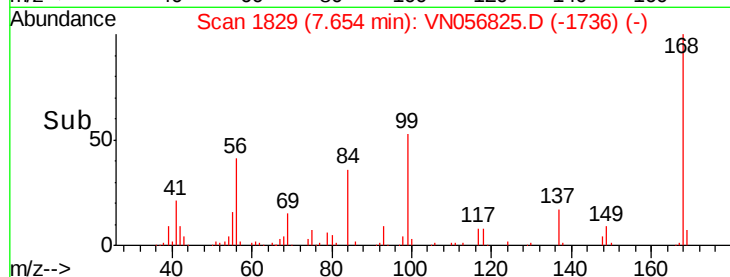
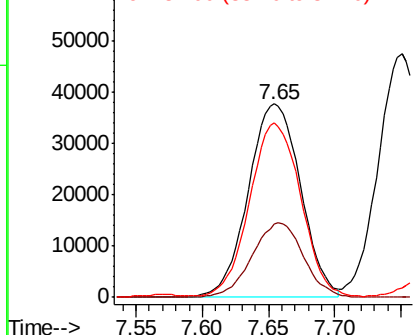
#31
Cyclohexane
Concen: 19.400 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. -0.00 min
Lab File: VN056825.D
Acq: 19 Jul 2019 12:35

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 103419
Ion Ratio Lower Upper
56 100
69 37.6 25.8 38.8
84 89.4 67.4 101.0

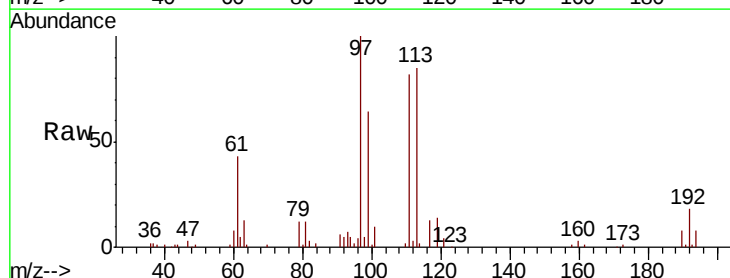


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

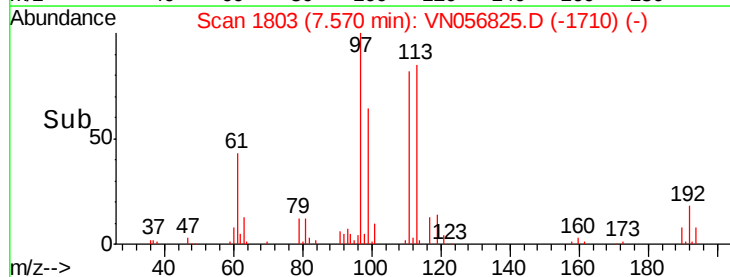
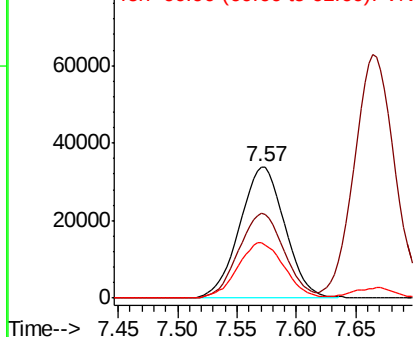


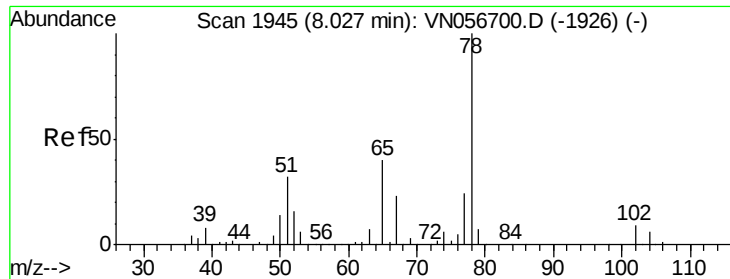
#32
1,1,1-Trichloroethane
Concen: 20.097 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VN056825.D
Acq: 19 Jul 2019 12:35

Tgt Ion: 97 Resp: 89205
Ion Ratio Lower Upper
97 100
99 64.7 52.0 78.0
61 43.3 34.3 51.5



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

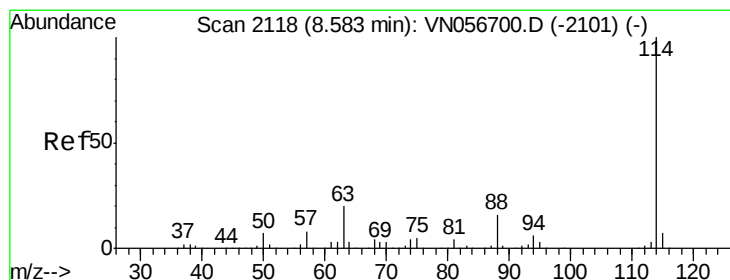
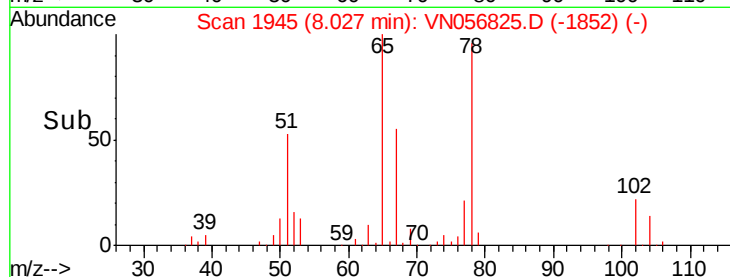
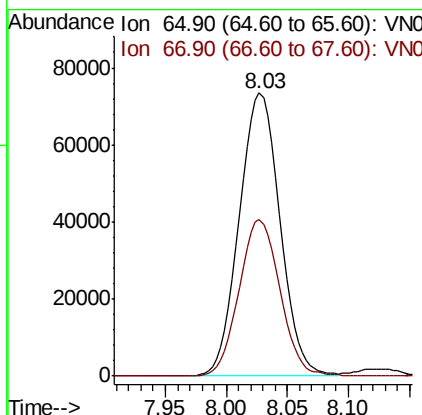
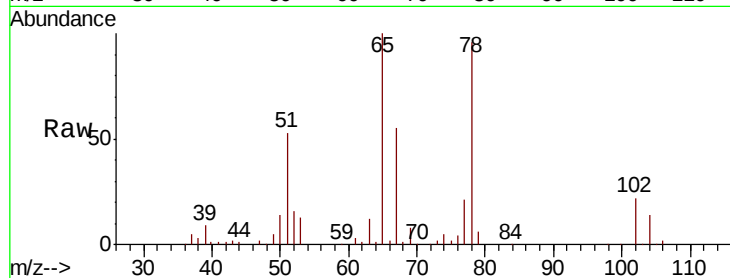




#33
 1,2-Dichloroethane-d4
 Concen: 51.069 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN056825.D
 Acq: 19 Jul 2019 12:35

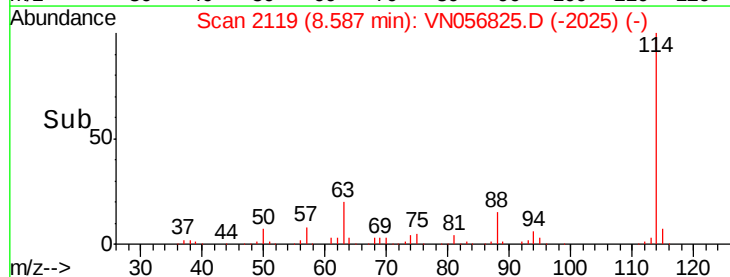
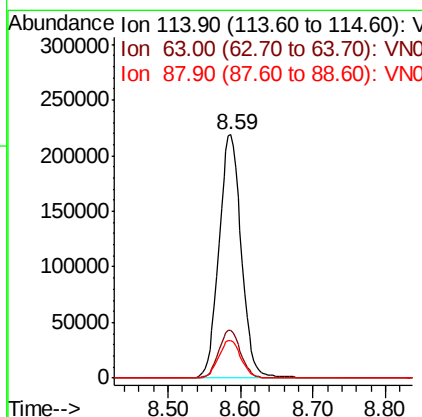
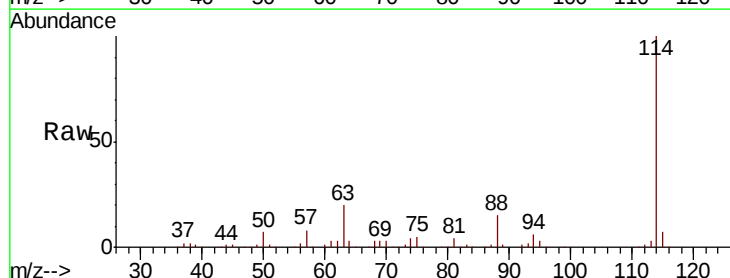
Instrument :
 MSVOA_N
 ClientSampled :

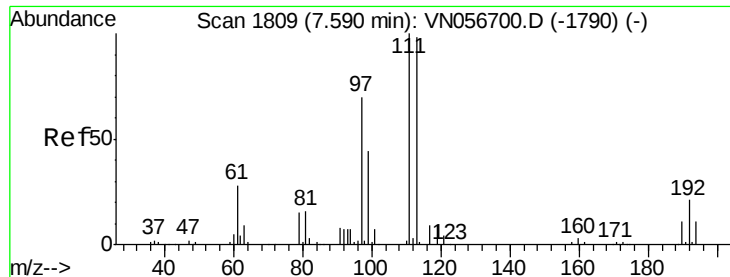
Tot Ion: 65 Resp: 170299
 Ion Ratio Lower Upper
 65 100
 67 55.4 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056825.D
 Acq: 19 Jul 2019 12:35

Tgt Ion: 114 Resp: 466627
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.4
 88 15.5 0.0 31.2

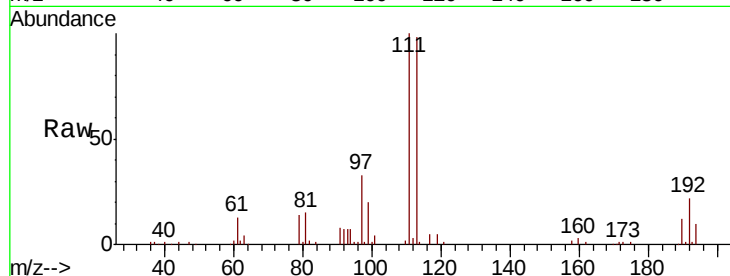




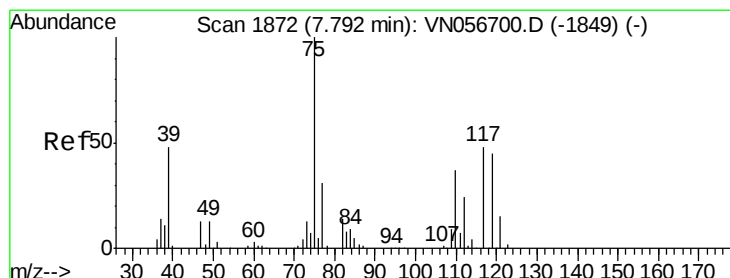
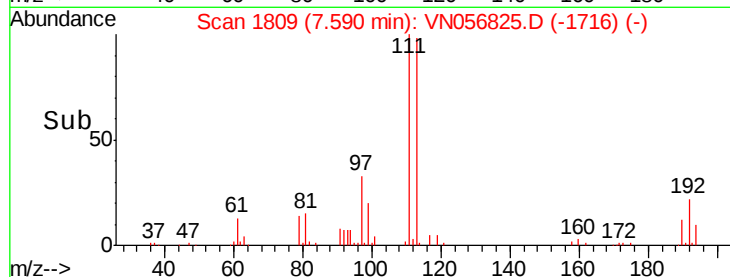
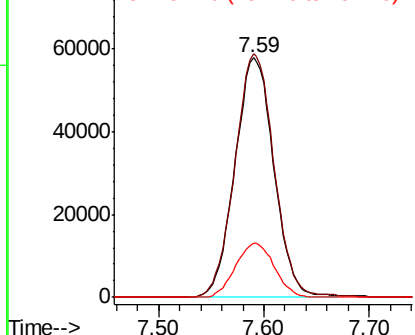
#35
 Dibromofluoromethane
 Concen: 51.194 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN056825.D
 Acq: 19 Jul 2019 12:35

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.8	122.6
192	22.4	17.5	26.3

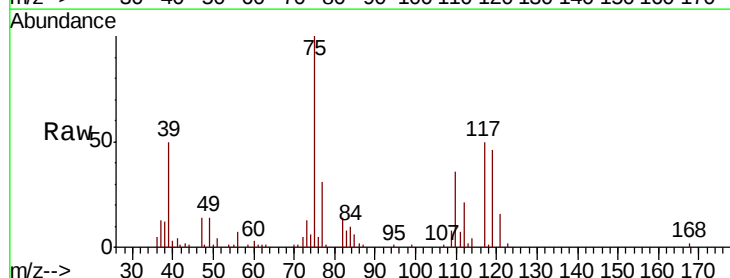


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

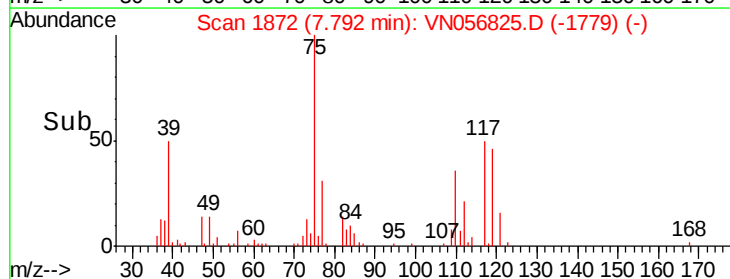
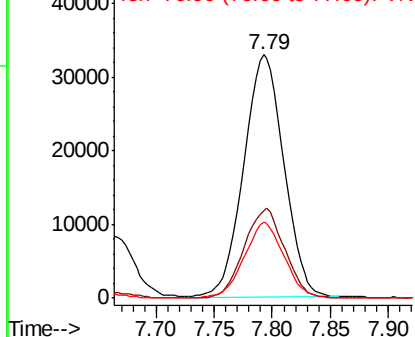


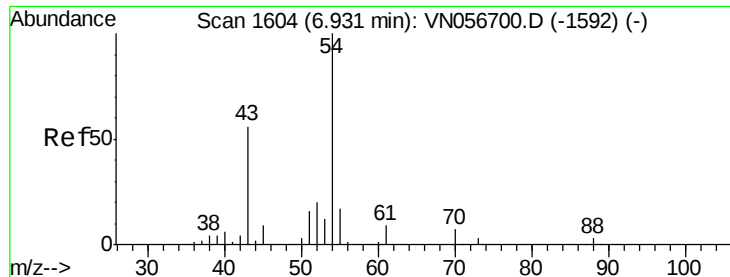
#36
 1,1-Dichloropropene
 Concen: 18.359 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: VN056825.D
 Acq: 19 Jul 2019 12:35

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.2	18.4	55.4
77	31.1	24.6	36.8



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

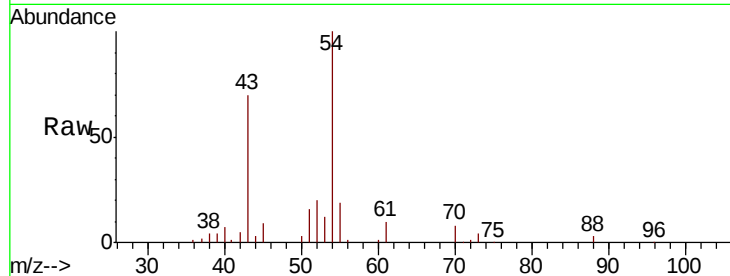




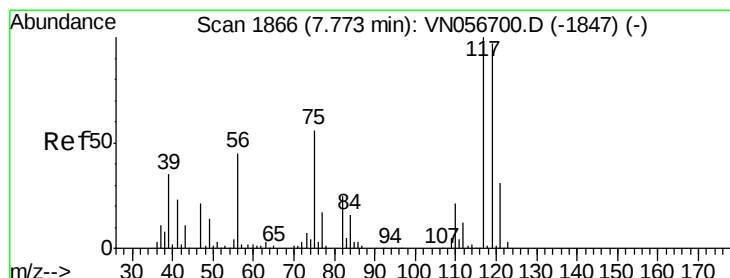
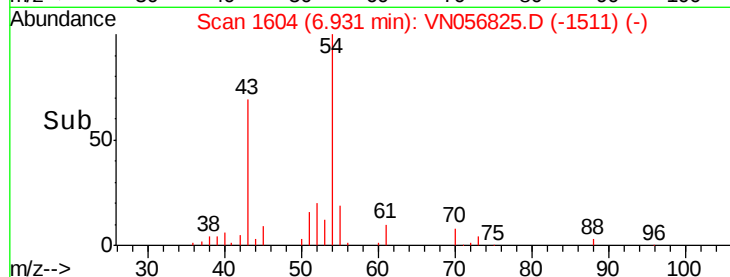
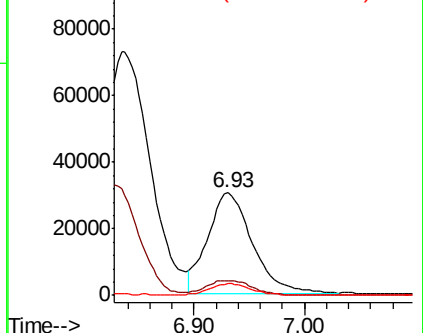
#37
Ethyl Acetate
Concen: 20.001 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VN056825.D
Acq: 19 Jul 2019 12:35

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 85119
Ion Ratio Lower Upper
43 100
61 15.7 11.3 16.9
70 10.7 8.5 12.7

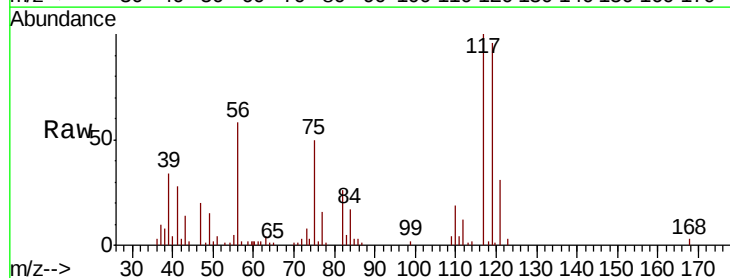


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

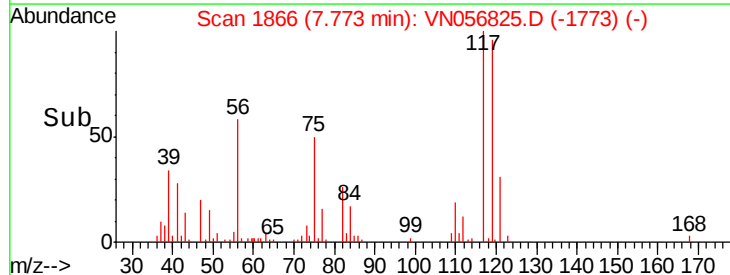
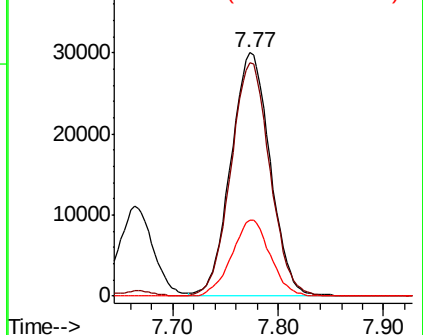


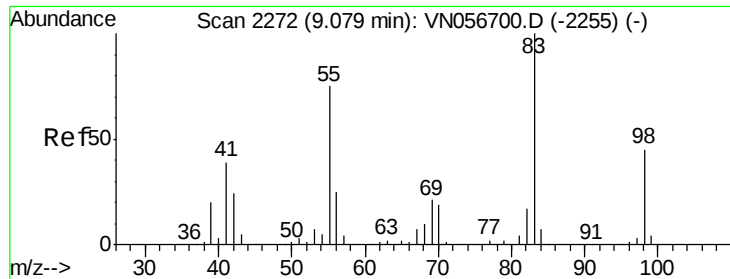
#38
Carbon Tetrachloride
Concen: 19.208 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN056825.D
Acq: 19 Jul 2019 12:35

Tgt Ion: 117 Resp: 77782
Ion Ratio Lower Upper
117 100
119 95.6 77.5 116.3
121 31.3 24.7 37.1



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

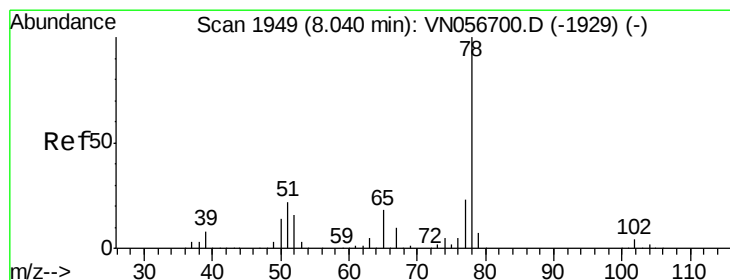
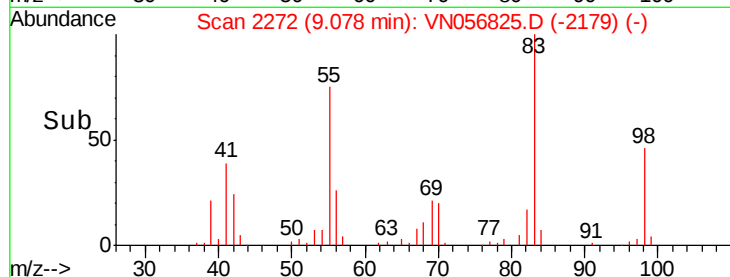
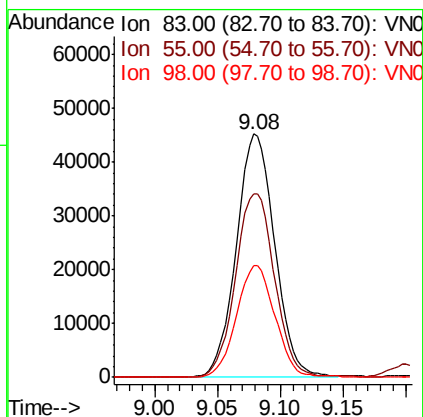
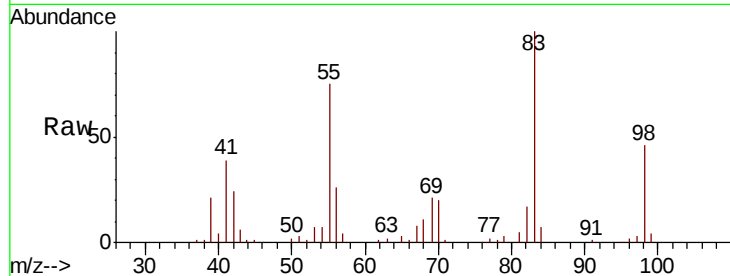




#39
Methvlcvclohexane
Concen: 18.097 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN056825.D
Acq: 19 Jul 2019 12:35

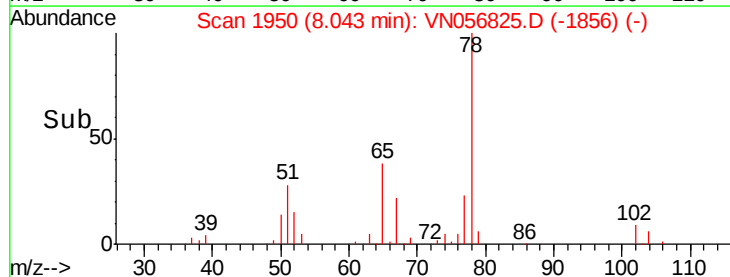
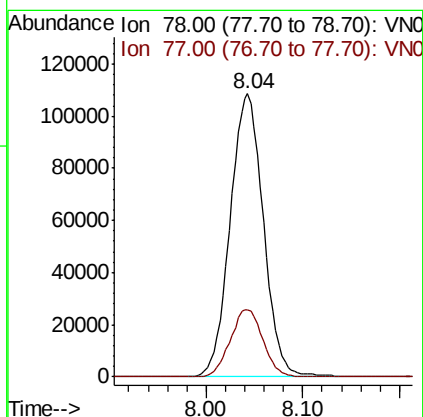
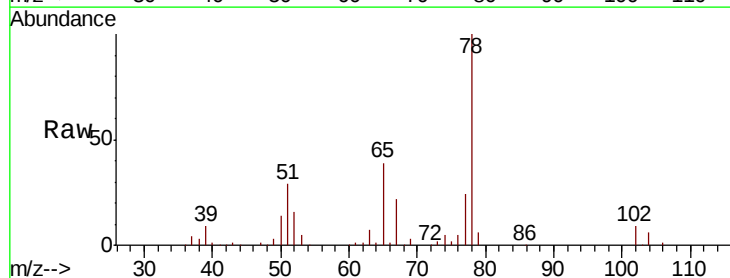
Instrument :
MSVOA_N
ClientSampled :

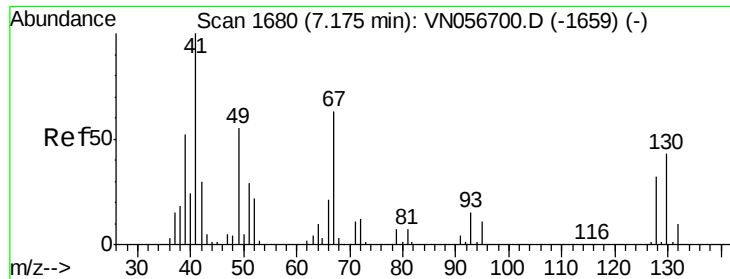
Tot Ion: 83 Resp: 96486
Ion Ratio Lower Upper
83 100
55 75.4 60.4 90.6
98 45.7 35.8 53.8



#40
Benzene
Concen: 19.554 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN056825.D
Acq: 19 Jul 2019 12:35

Tgt Ion: 78 Resp: 258709
Ion Ratio Lower Upper
78 100
77 23.7 18.6 27.8

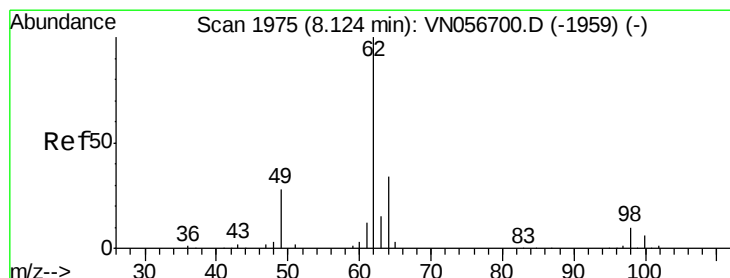
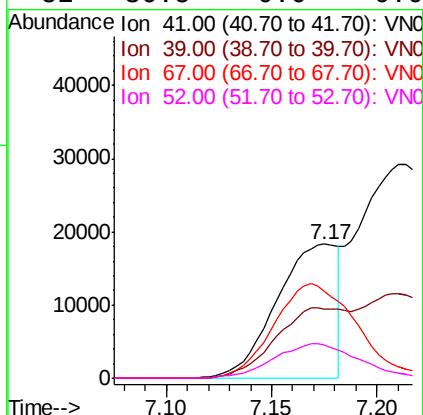
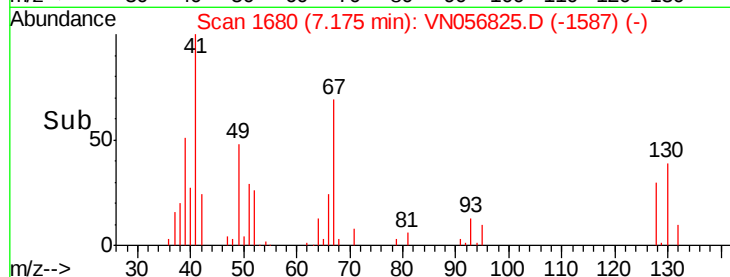
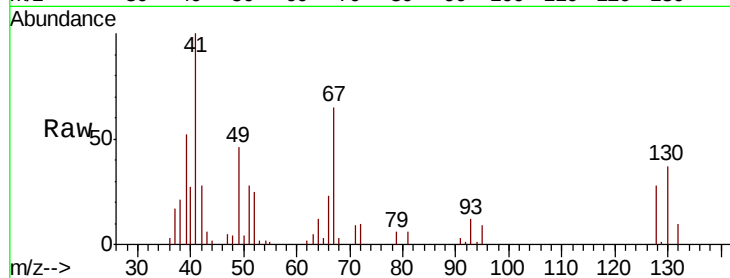




#41
Methacrylonitrile
Concen: 19.810 ug/l
RT: 7.17 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VN056825.D
Acq: 19 Jul 2019 12:35

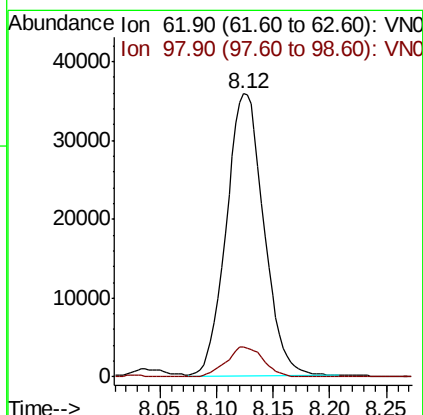
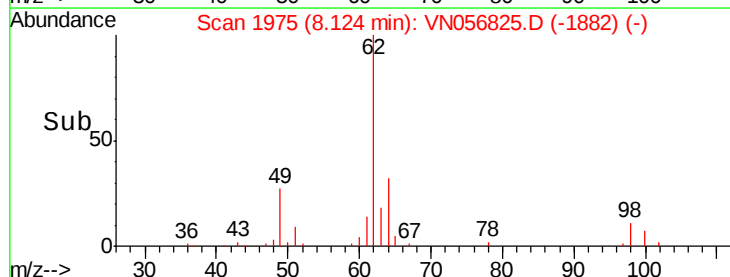
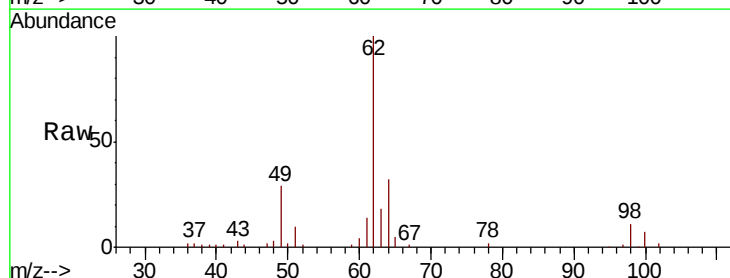
Instrument :
MSVOA_N
ClientSampleId :

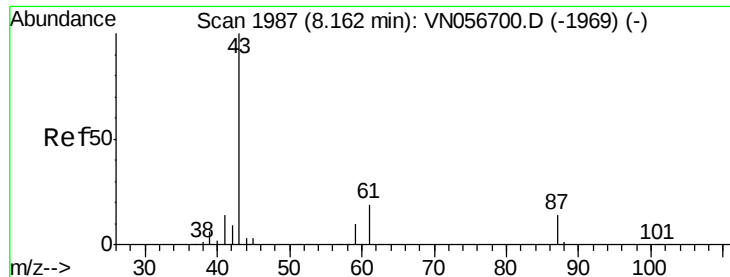
Tot Ion: 41 Resp: 37032
Ion Ratio Lower Upper
41 100
39 62.2 0.0 0.0#
67 96.7 0.0 0.0#
52 36.5 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 19.801 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN056825.D
Acq: 19 Jul 2019 12:35

Tgt Ion: 62 Resp: 82796
Ion Ratio Lower Upper
62 100
98 10.4 0.0 19.8





#43

Isopropyl Acetate

Concen: 19.624 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN056825.D

Acq: 19 Jul 2019 12:35

Instrument :

MSVOA_N

ClientSampleId :

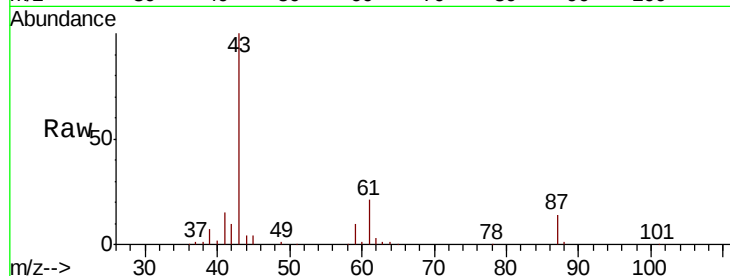
Tot Ion: 43 Resp: 131291

Ion Ratio Lower Upper

43 100

61 21.0 22.3 33.5#

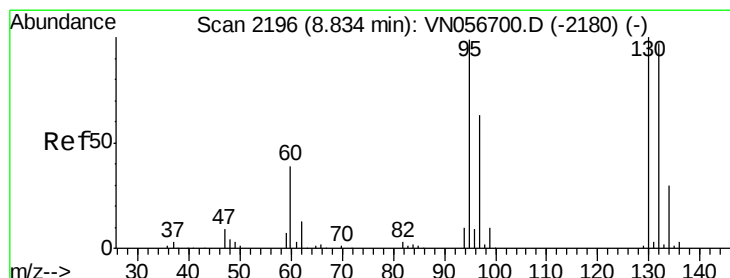
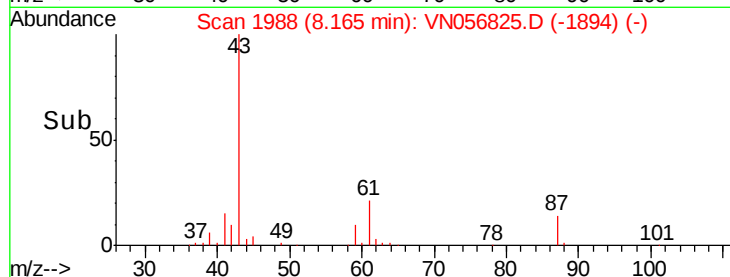
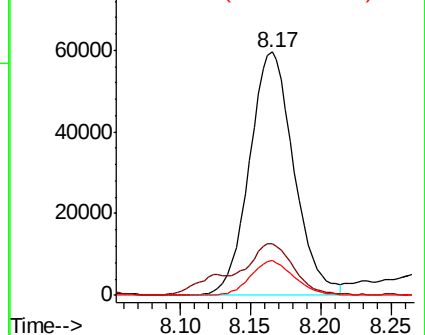
87 13.9 11.1 16.7



Abundance Ion 43.00 (42.70 to 43.70): VN056700.D (-1969) (-)

Ion 61.00 (60.70 to 61.70): VN056700.D (-1969) (-)

Ion 87.00 (86.70 to 87.70): VN056700.D (-1969) (-)



#44

Trichloroethene

Concen: 19.371 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN056825.D

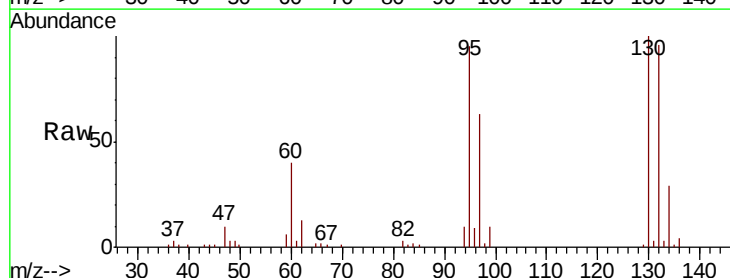
Acq: 19 Jul 2019 12:35

Tgt Ion:130 Resp: 69598

Ion Ratio Lower Upper

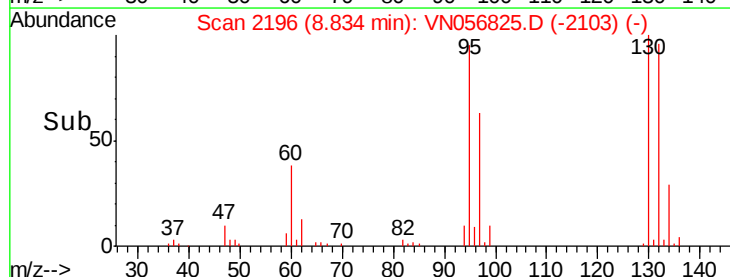
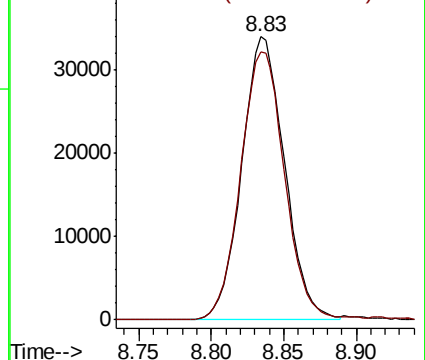
130 100

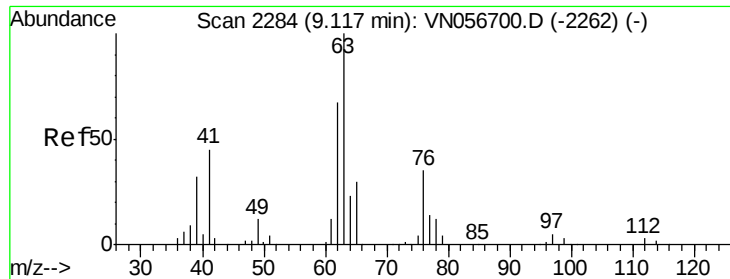
95 94.8 0.0 197.2



Abundance Ion 129.80 (129.50 to 130.50): VN056700.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN056700.D (-2180) (-)

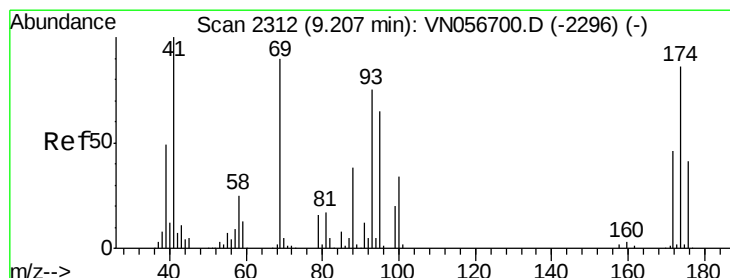
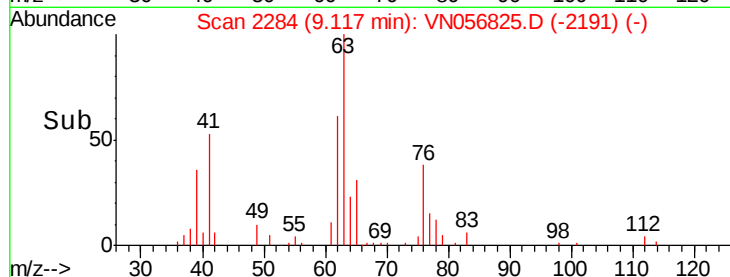
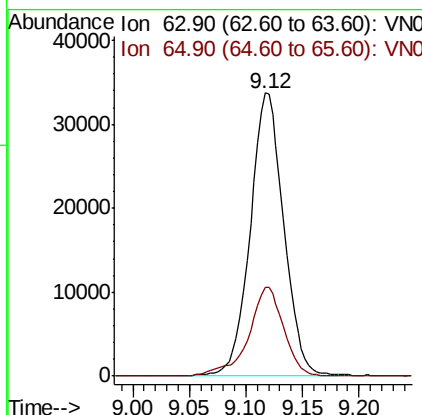
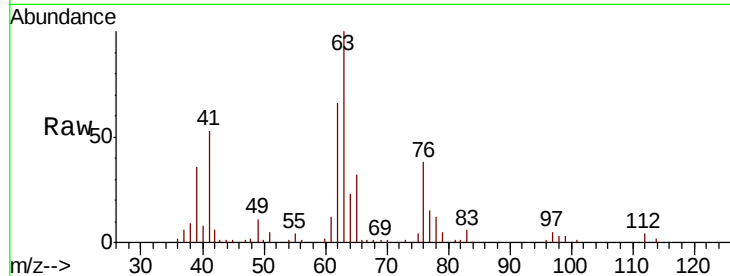




#45
 1,2-Dichloropropane
 Concen: 19.759 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN056825.D
 Acq: 19 Jul 2019 12:35

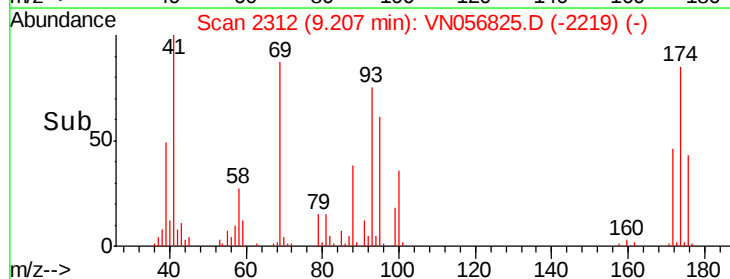
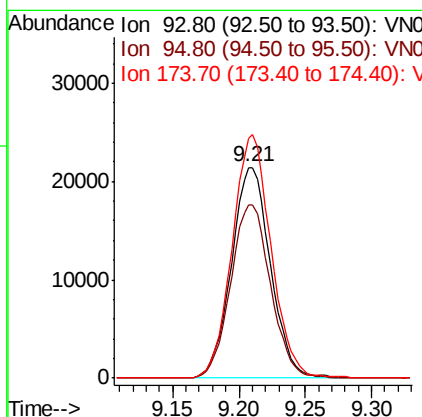
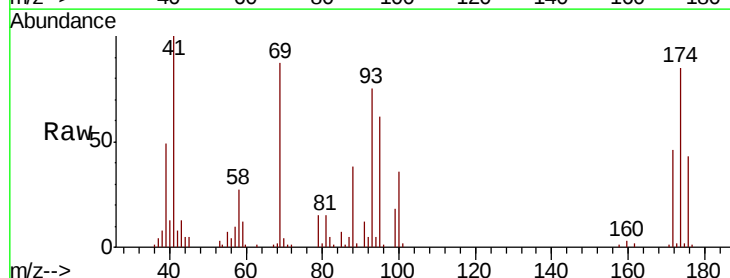
Instrument :
 MSVOA_N
 ClientSampleId :

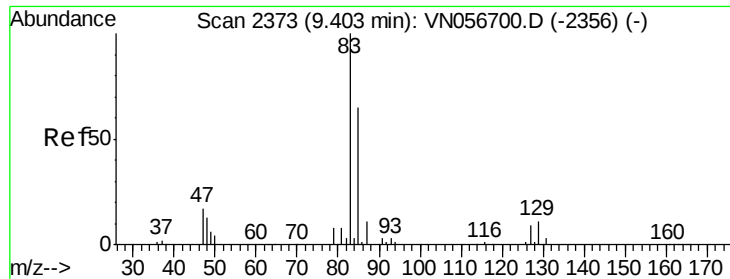
Tot Ion: 63 Resp: 69463
 Ion Ratio Lower Upper
 63 100
 65 31.6 24.0 36.0



#46
 Dibromomethane
 Concen: 20.104 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN056825.D
 Acq: 19 Jul 2019 12:35

Tgt Ion: 93 Resp: 43798
 Ion Ratio Lower Upper
 93 100
 95 83.9 67.4 101.0
 174 115.1 90.3 135.5





#47

Bromodichloromethane

Concen: 20.070 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN056825.D

Acq: 19 Jul 2019 12:35

Instrument :

MSVOA_N

ClientSampled :

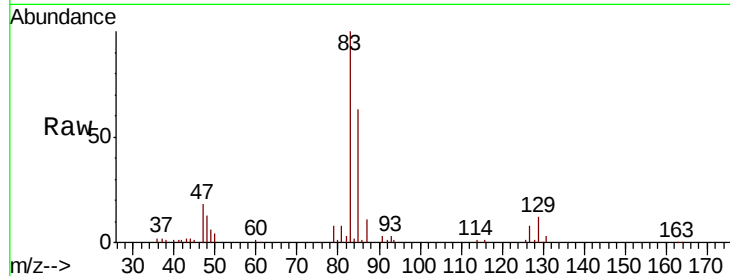
Tot Ion: 83 Resp: 83087

Ion Ratio Lower Upper

83 100

85 62.8 52.3 78.5

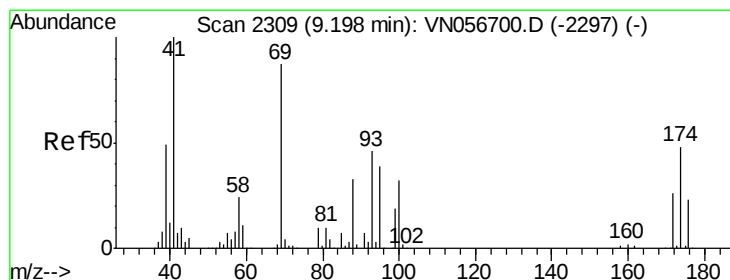
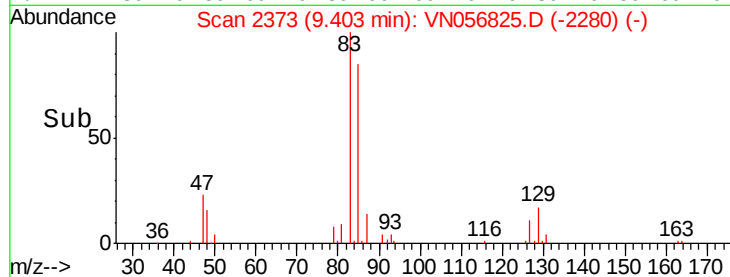
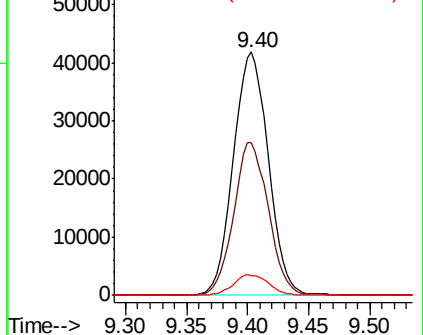
127 8.2 7.6 11.4



Abundance Ion 82.90 (82.60 to 83.60): VN056825.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN056825.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN056825.D (-2280) (-)



#48

Methyl methacrylate

Concen: 19.862 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN056825.D

Acq: 19 Jul 2019 12:35

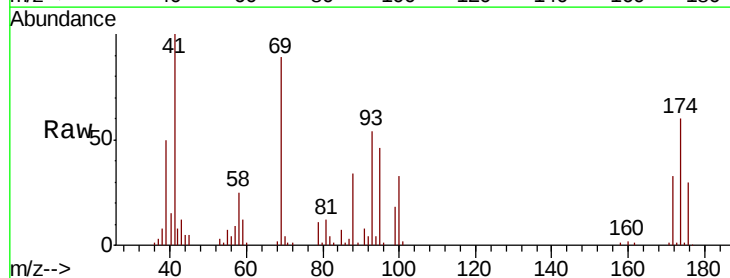
Tgt Ion: 41 Resp: 64267

Ion Ratio Lower Upper

41 100

69 89.5 71.4 107.0

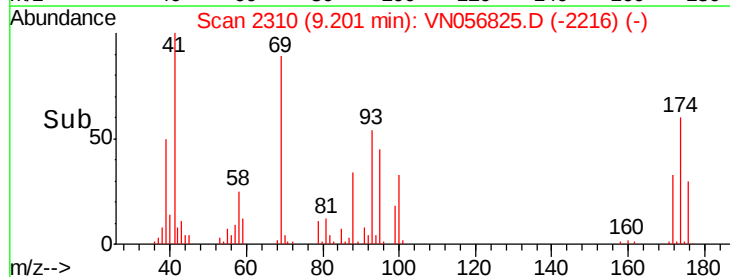
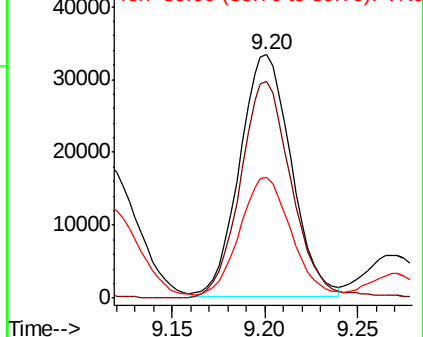
39 50.9 41.2 61.8

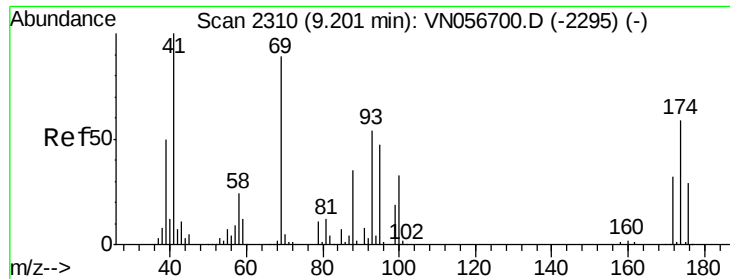


Abundance Ion 41.00 (40.70 to 41.70): VN056825.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN056825.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN056825.D (-2216) (-)

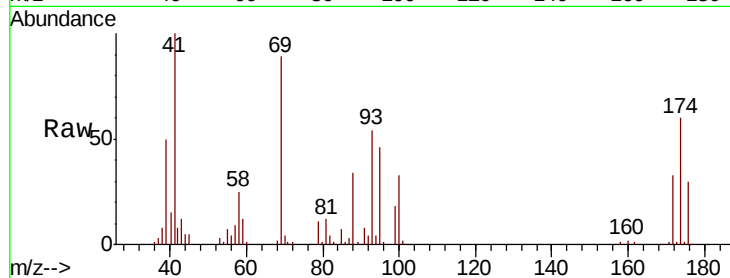




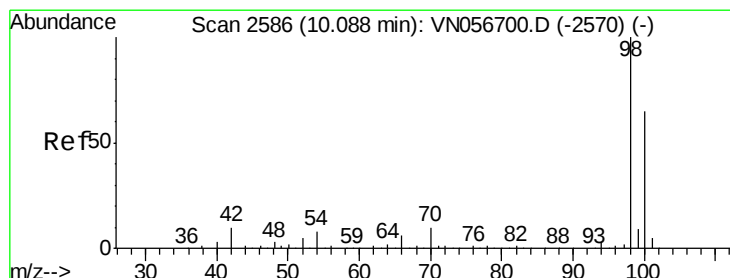
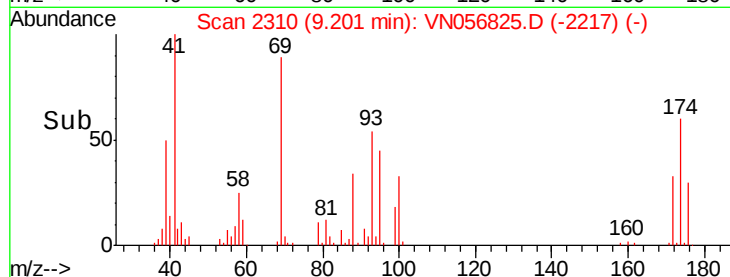
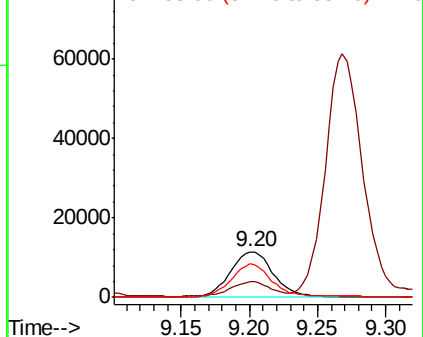
#49
1,4-Dioxane
Concen: 381.859 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN056825.D
Acq: 19 Jul 2019 12:35

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 88 Resp: 25352
Ion Ratio Lower Upper
88 100
43 30.1 23.7 35.5
58 68.6 55.6 83.4

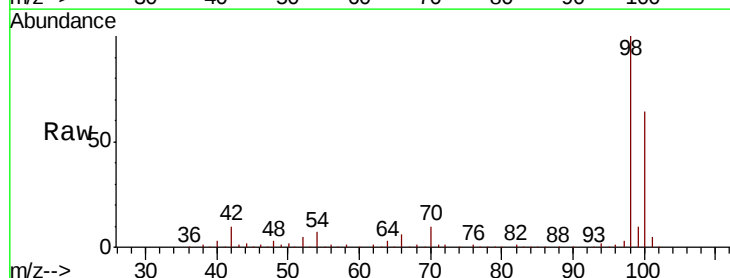


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

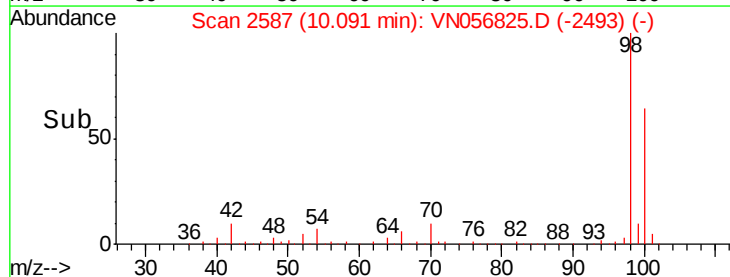
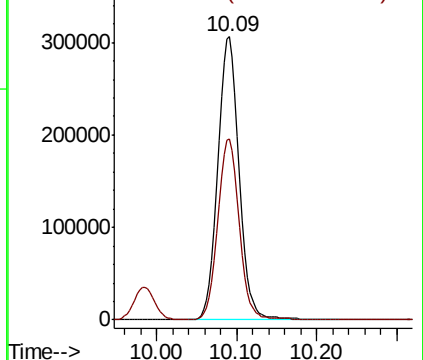


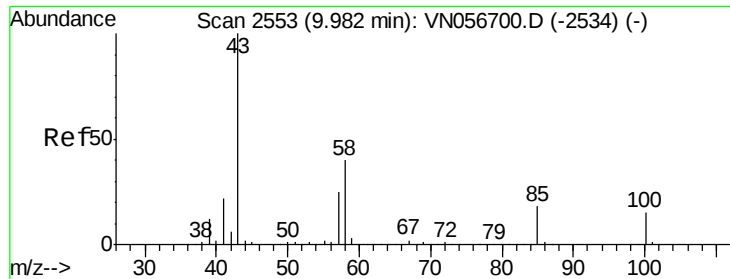
#50
Toluene-d8
Concen: 50.525 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN056825.D
Acq: 19 Jul 2019 12:35

Tgt Ion: 98 Resp: 566665
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0



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: 97.854 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN056825.D

Acq: 19 Jul 2019 12:35

Instrument :

MSVOA_N

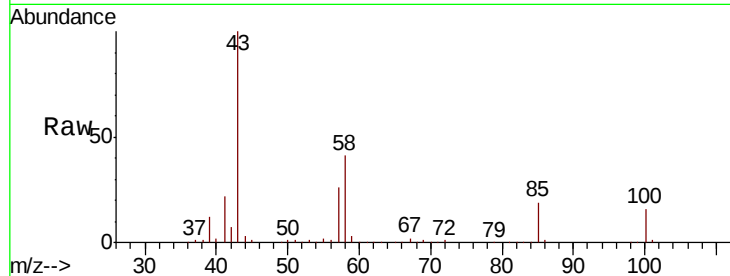
ClientSampleId :

Tot Ion: 43 Resp: 424031

Ion Ratio Lower Upper

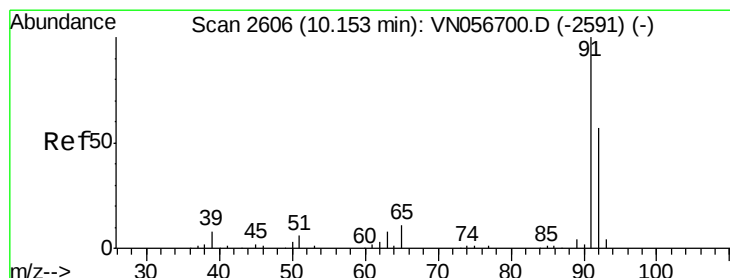
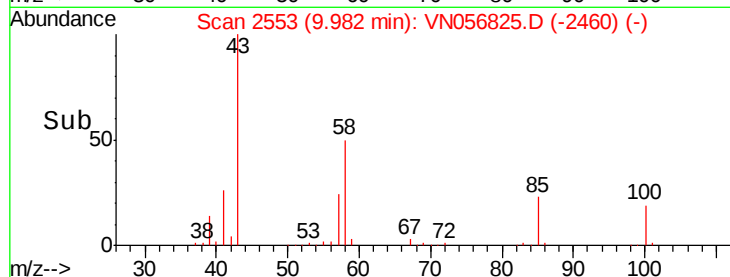
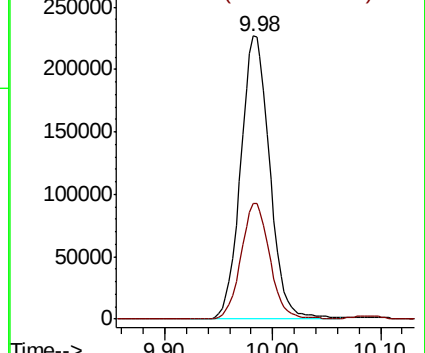
43 100

58 40.6 32.0 48.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 20.264 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN056825.D

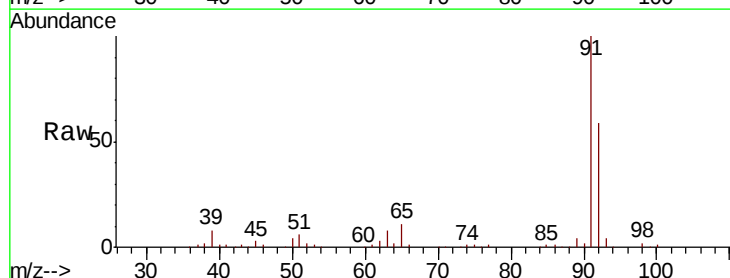
Acq: 19 Jul 2019 12:35

Tgt Ion: 92 Resp: 159221

Ion Ratio Lower Upper

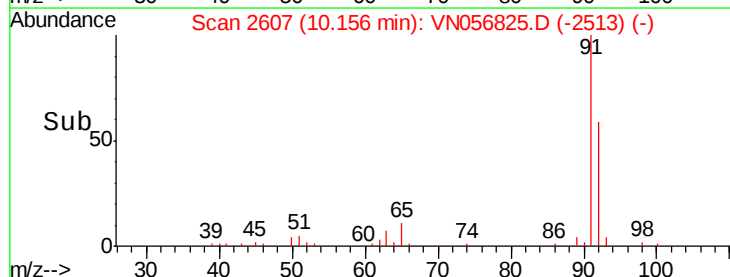
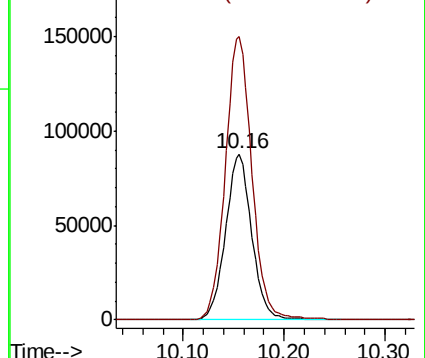
92 100

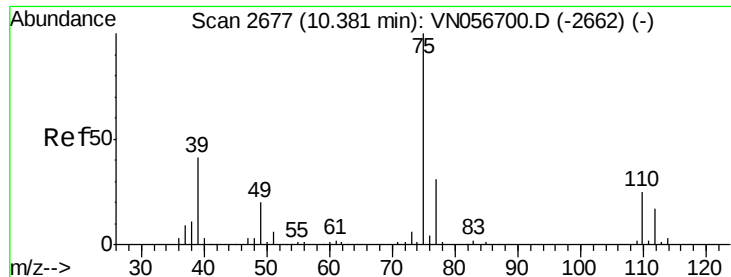
91 173.5 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 19.556 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN056825.D

Acq: 19 Jul 2019 12:35

Instrument :

MSVOA_N

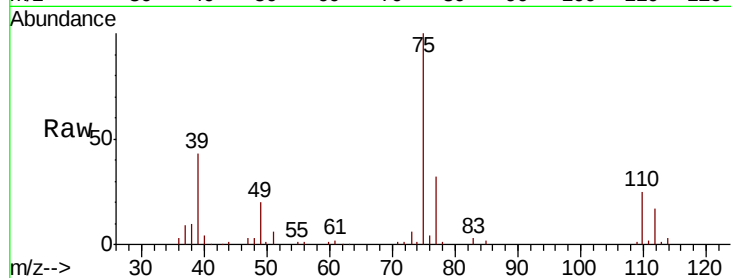
ClientSampled :

Tot Ion: 75 Resp: 84469

Ion Ratio Lower Upper

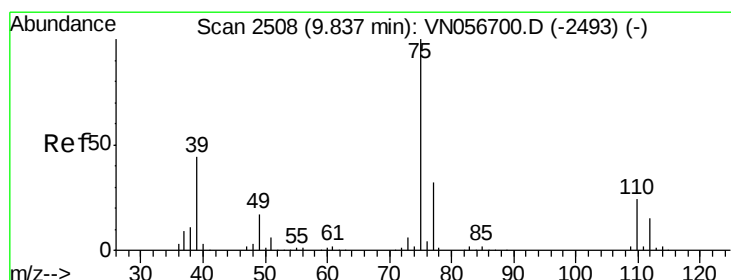
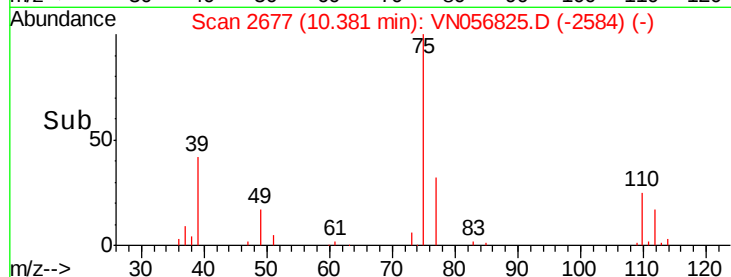
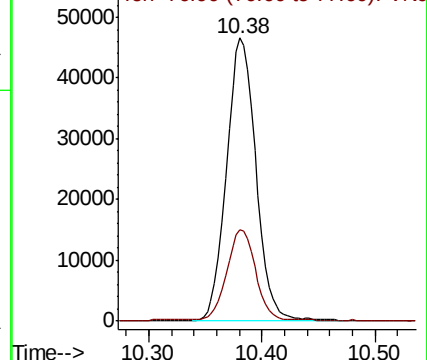
75 100

77 32.2 25.0 37.6



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: 19.293 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN056825.D

Acq: 19 Jul 2019 12:35

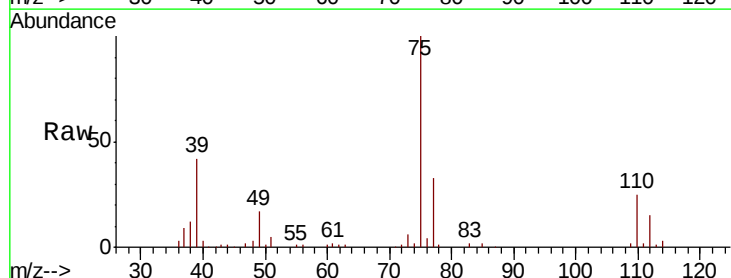
Tgt Ion: 75 Resp: 96698

Ion Ratio Lower Upper

75 100

77 32.9 26.0 39.0

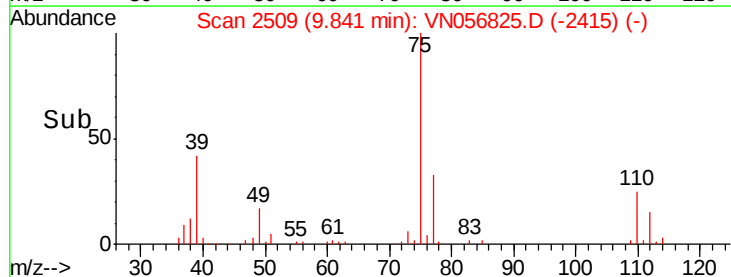
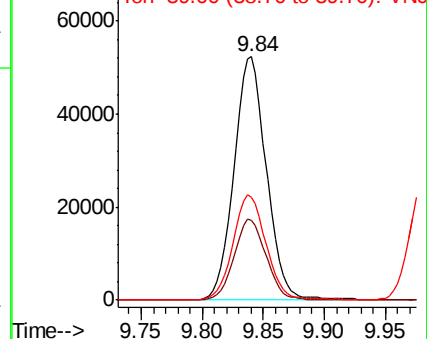
39 42.5 35.1 52.7

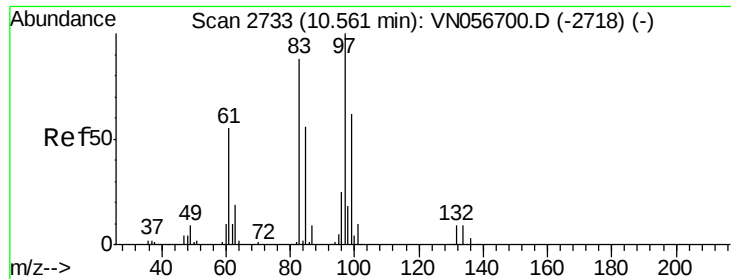


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 20.053 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VN056825.D

Acq: 19 Jul 2019 12:35

Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 97 Resp: 66086

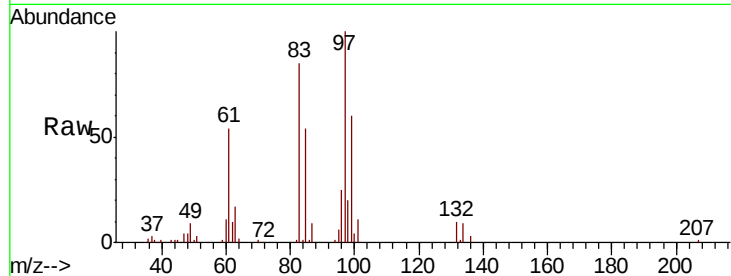
Ion Ratio Lower Upper

97 100

83 85.1 70.3 105.5

85 53.6 44.8 67.2

99 59.6 49.6 74.4

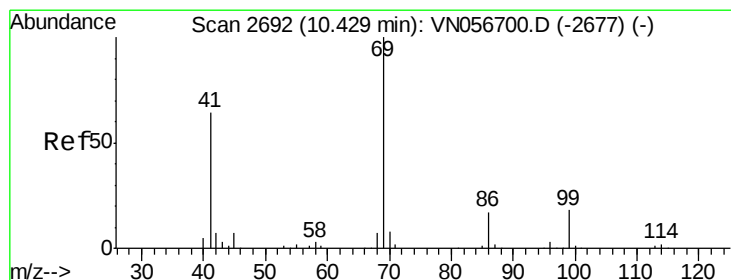
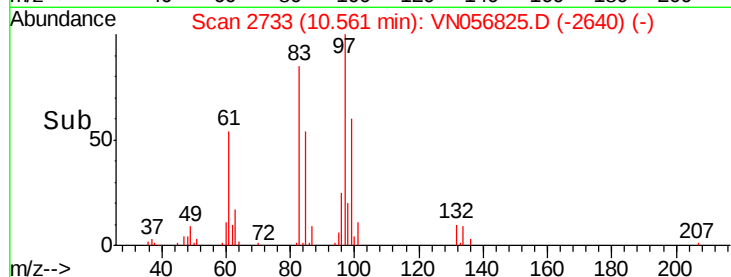
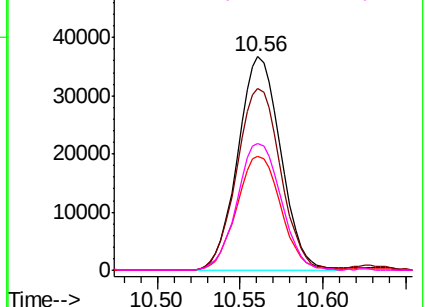


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 20.402 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. -0.00 min

Lab File: VN056825.D

Acq: 19 Jul 2019 12:35

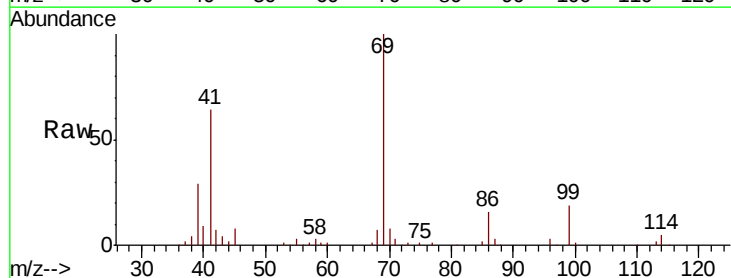
Tgt Ion: 69 Resp: 96743

Ion Ratio Lower Upper

69 100

41 61.3 51.0 76.4

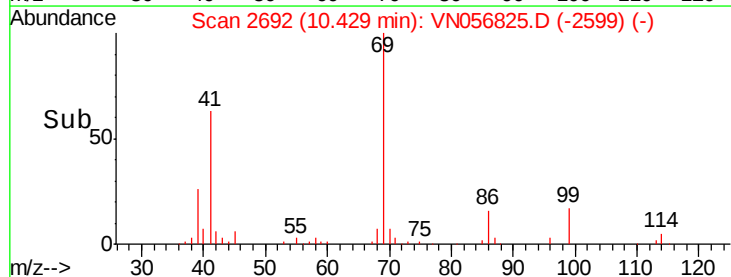
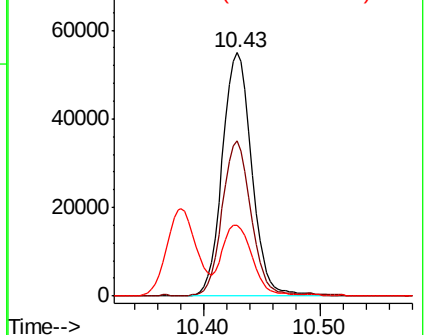
39 30.0 24.6 36.8

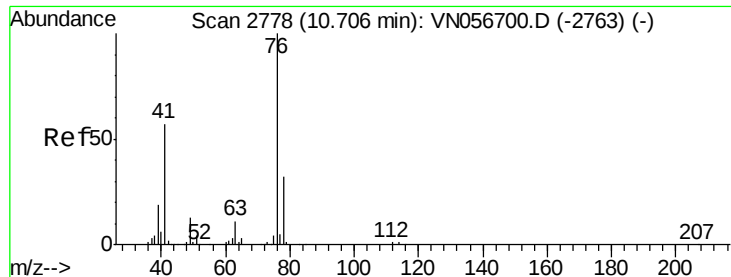


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

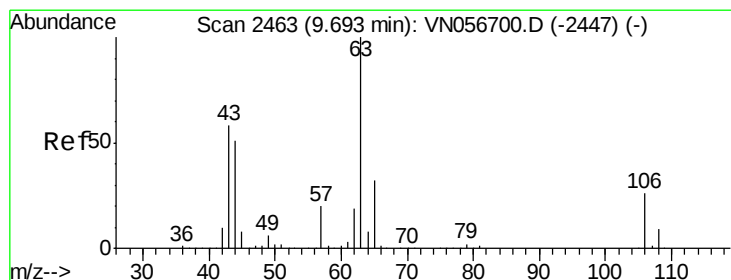
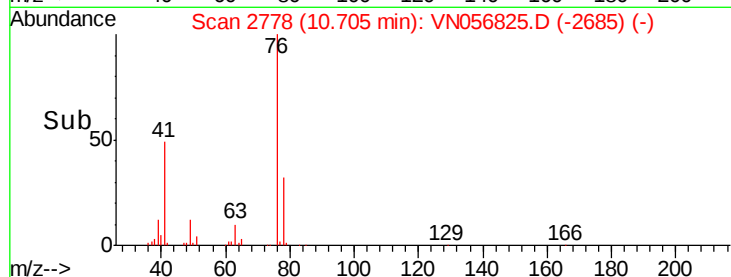
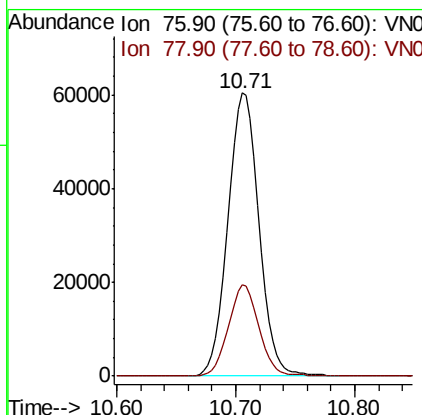
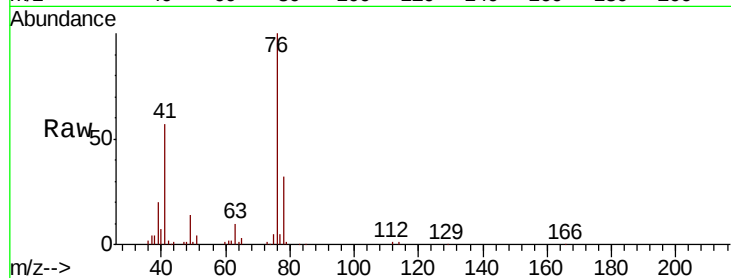




#57
 1,3-Dichloropropane
 Concen: 20.299 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. -0.00 min
 Lab File: VN056825.D
 Acq: 19 Jul 2019 12:35

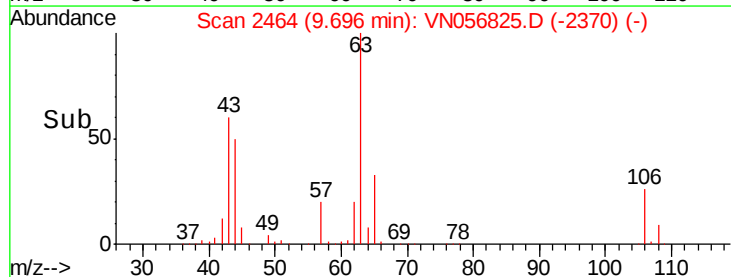
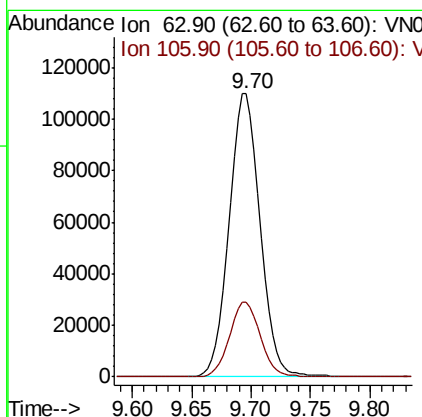
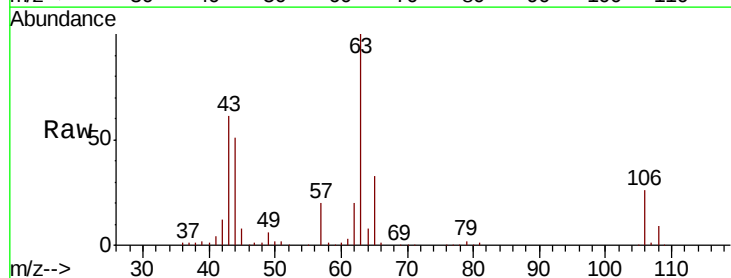
Instrument :
 MSVOA_N
 ClientSampleId :

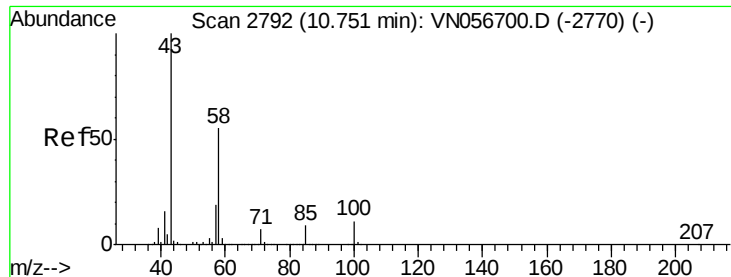
Tot Ion: 76 Resp: 109263
 Ion Ratio Lower Upper
 76 100
 78 31.6 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 86.992 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN056825.D
 Acq: 19 Jul 2019 12:35

Tgt Ion: 63 Resp: 198366
 Ion Ratio Lower Upper
 63 100
 106 26.3 21.2 31.8

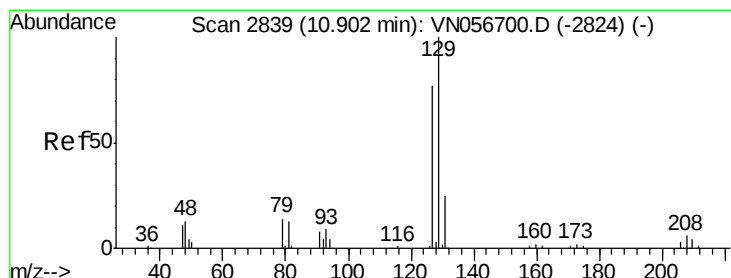
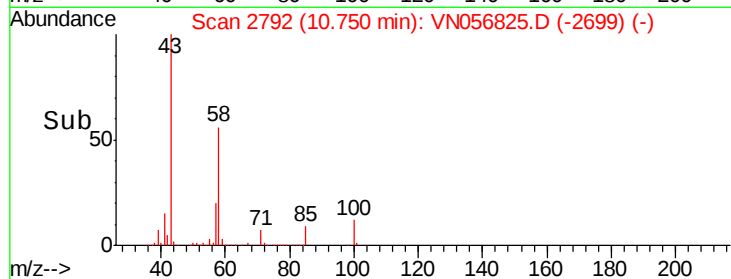
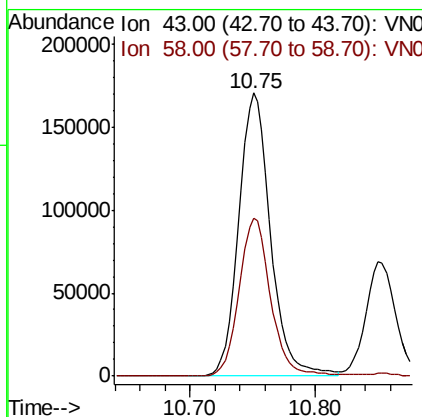
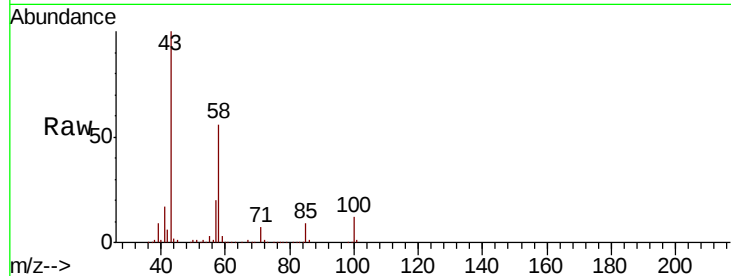




#59
2-Hexanone
Concen: 96.362 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN056825.D
Acq: 19 Jul 2019 12:35

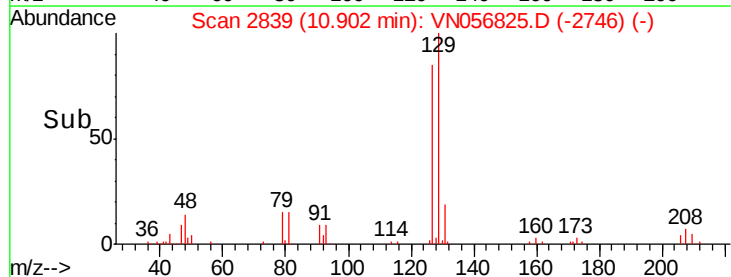
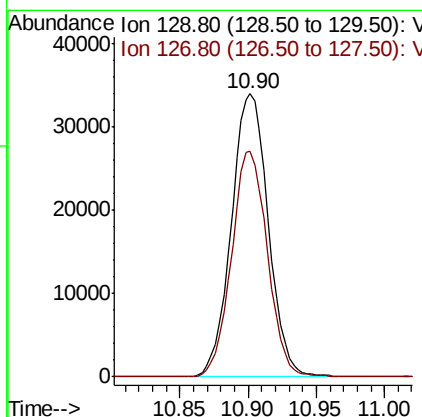
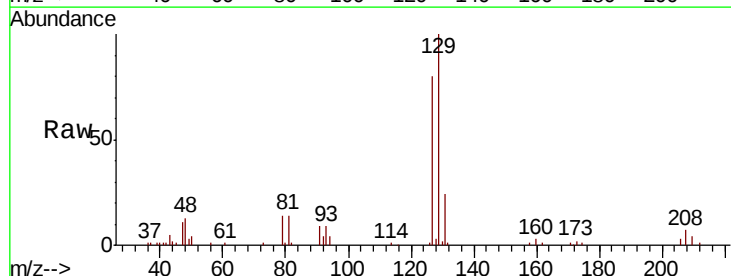
Instrument :
MSVOA_N
ClientSampleId :

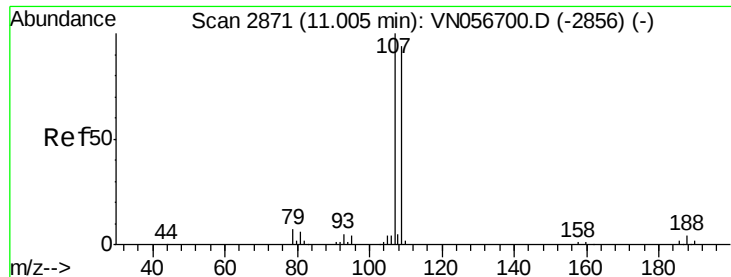
Tot Ion: 43 Resp: 299619
Ion Ratio Lower Upper
43 100
58 55.7 27.9 83.6



#60
Dibromochloromethane
Concen: 19.702 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN056825.D
Acq: 19 Jul 2019 12:35

Tgt Ion: 129 Resp: 63856
Ion Ratio Lower Upper
129 100
127 77.5 38.2 114.6





#61

1,2-Dibromoethane

Concen: 20.681 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. -0.00 min

Lab File: VN056825.D

Acq: 19 Jul 2019 12:35

Instrument :

MSVOA_N

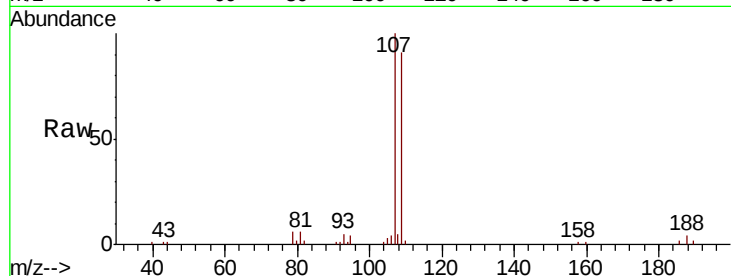
ClientSampleId :

Tot Ion:107 Resp: 67735

Ion Ratio Lower Upper

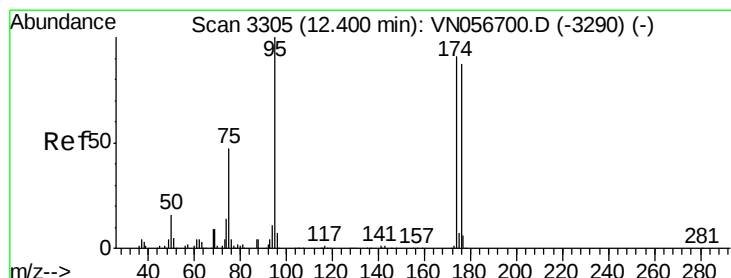
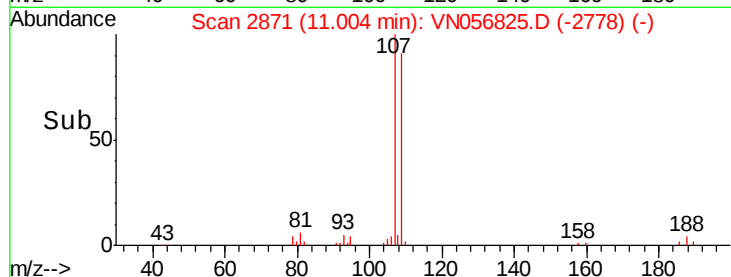
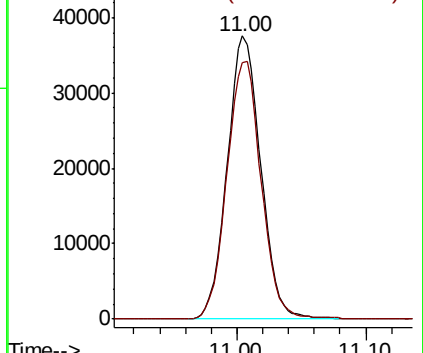
107 100

109 93.3 76.2 114.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.487 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056825.D

Acq: 19 Jul 2019 12:35

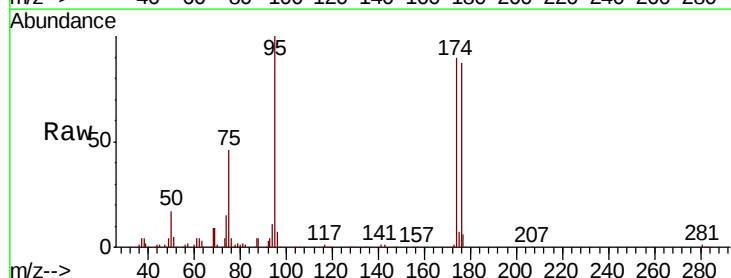
Tgt Ion: 95 Resp: 183391

Ion Ratio Lower Upper

95 100

174 90.5 0.0 180.0

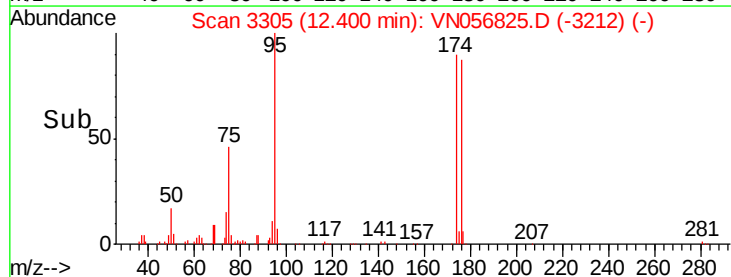
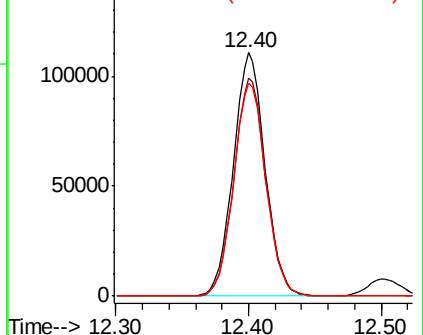
176 88.5 0.0 173.2

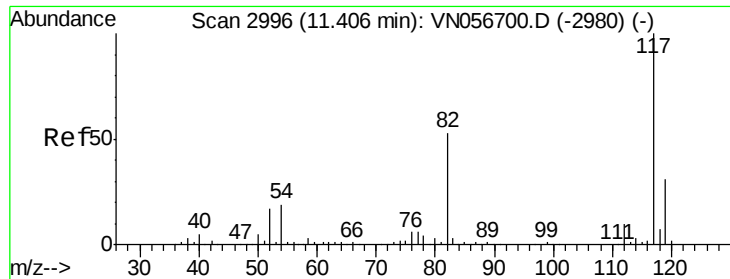


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

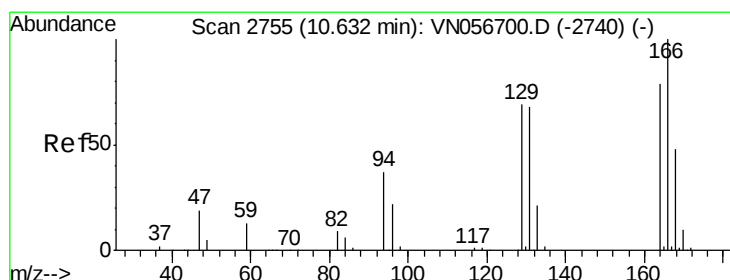
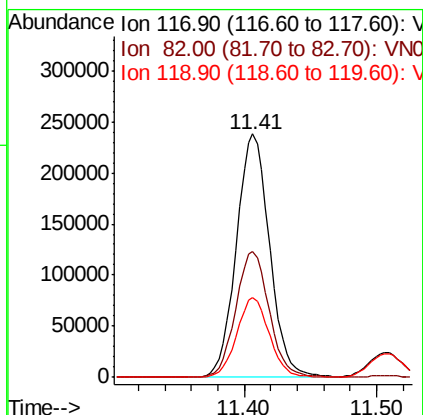
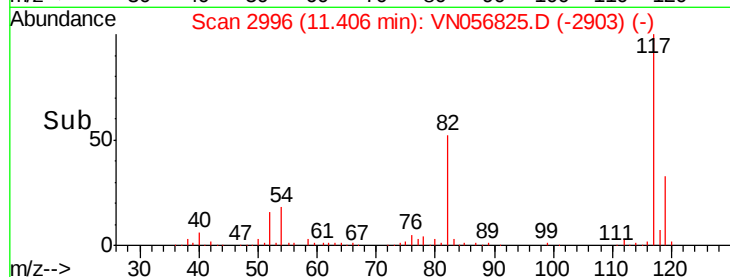
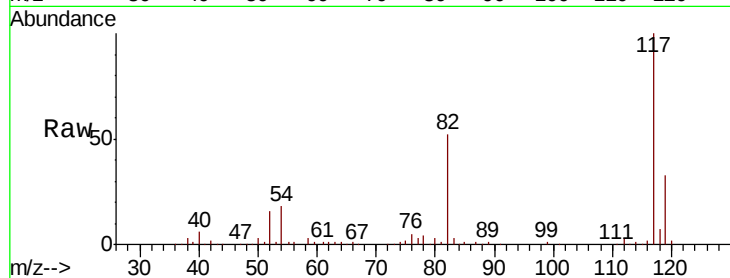




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056825.D
Acq: 19 Jul 2019 12:35

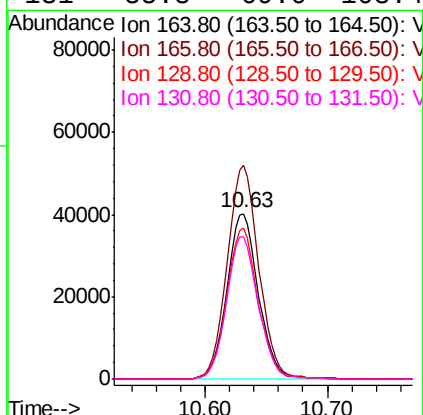
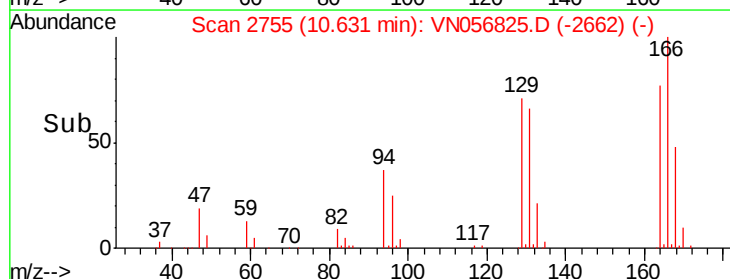
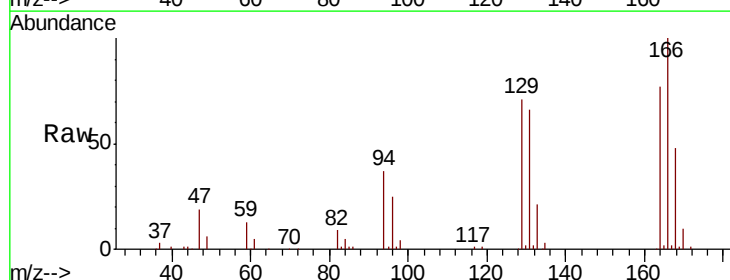
Instrument :
MSVOA_N
ClientSampleId :

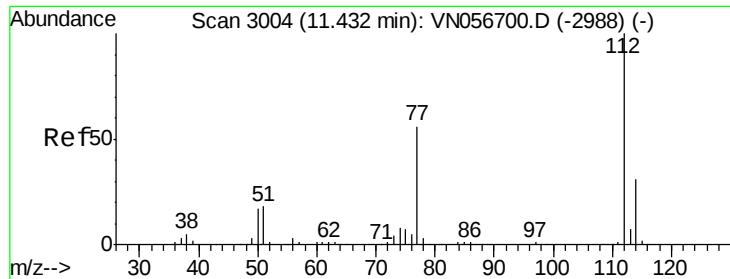
Tot Ion:117 Resp: 414644
Ion Ratio Lower Upper
117 100
82 51.8 42.2 63.2
119 32.8 25.2 37.8



#64
Tetrachloroethene
Concen: 20.276 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN056825.D
Acq: 19 Jul 2019 12:35

Tgt Ion:164 Resp: 72531
Ion Ratio Lower Upper
164 100
166 129.1 101.4 152.2
129 91.4 69.6 104.4
131 85.8 69.0 103.4

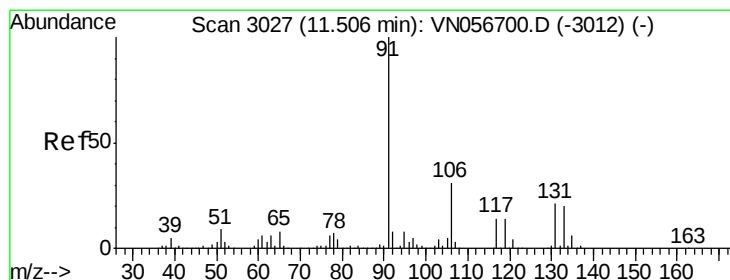
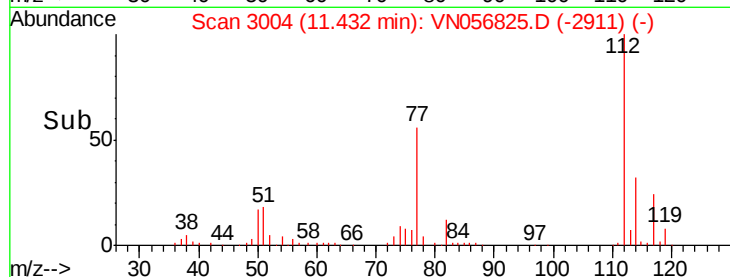
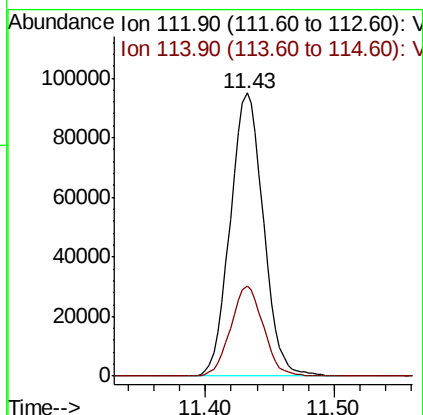
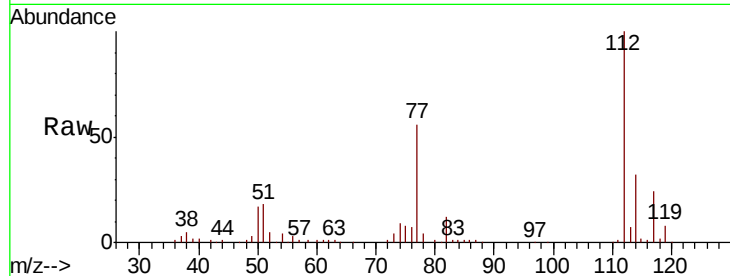




#65
Chlorobenzene
Concen: 20.014 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN056825.D
Acq: 19 Jul 2019 12:35

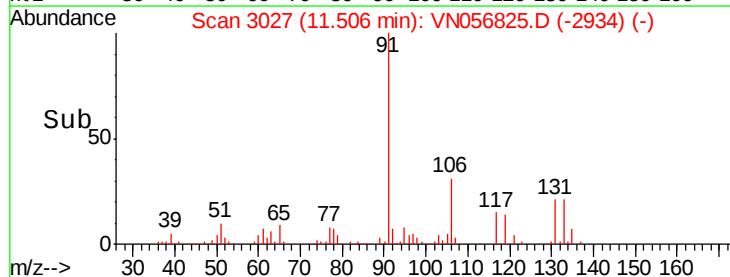
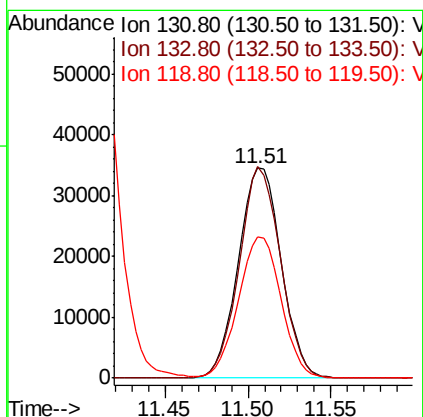
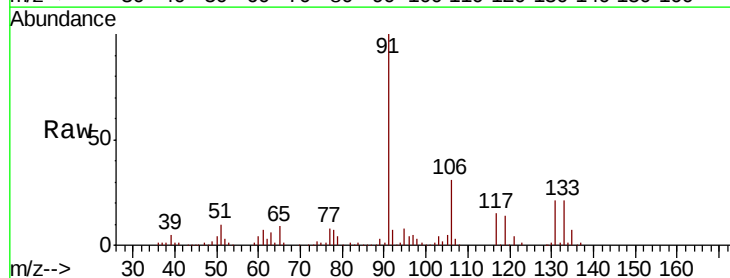
Instrument :
MSVOA_N
ClientSampled :

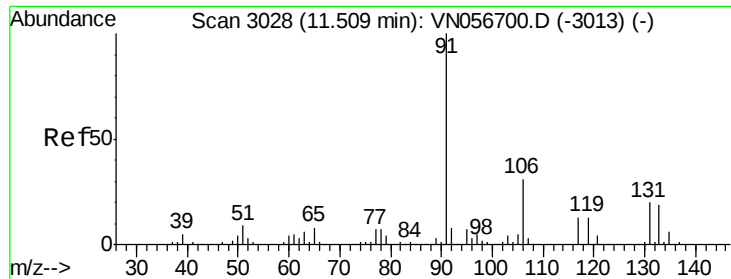
Tot Ion:112 Resp: 169689
Ion Ratio Lower Upper
112 100
114 32.0 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 19.938 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN056825.D
Acq: 19 Jul 2019 12:35

Tgt Ion:131 Resp: 62240
Ion Ratio Lower Upper
131 100
133 96.6 46.9 140.7
119 67.0 32.8 98.3

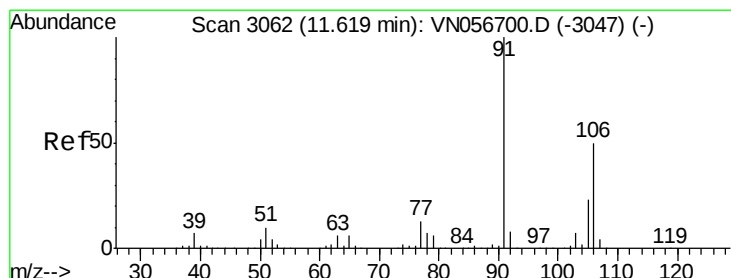
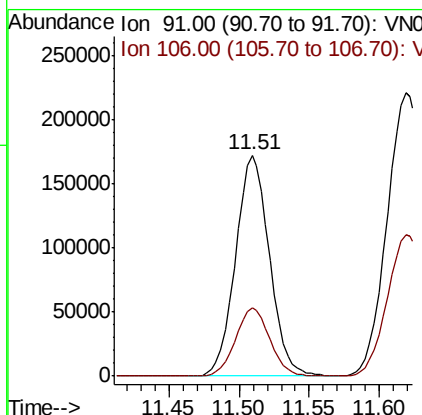
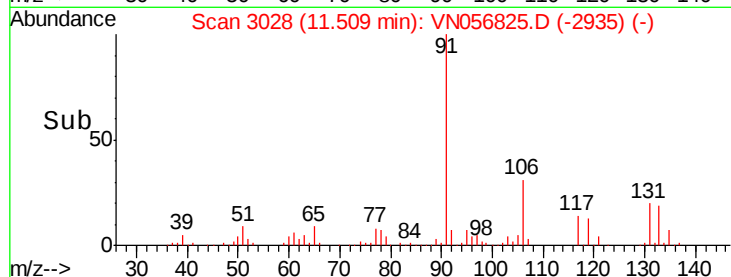
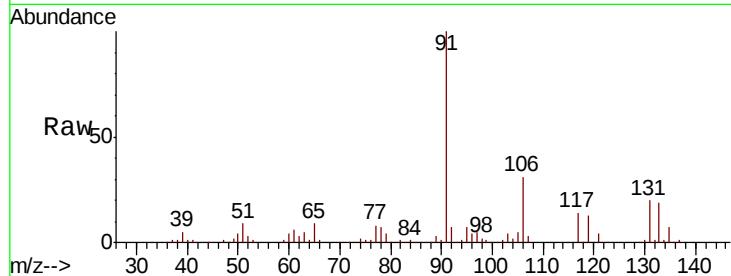




#67
Ethyl Benzene
Concen: 19.484 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN056825.D
Acq: 19 Jul 2019 12:35

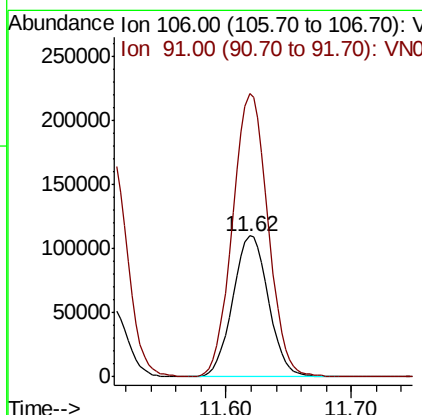
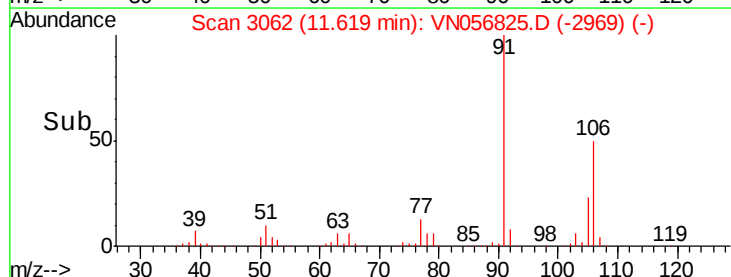
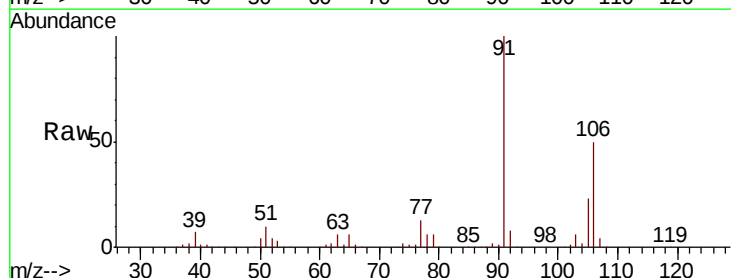
Instrument :
MSVOA_N
ClientSampled :

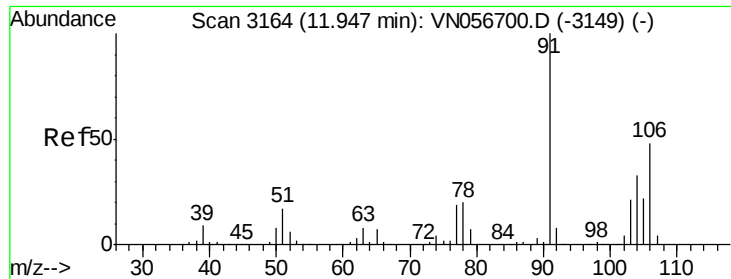
Tot Ion: 91 Resp: 290317
Ion Ratio Lower Upper
91 100
106 30.8 24.8 37.2



#68
m/p-Xylenes
Concen: 39.132 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN056825.D
Acq: 19 Jul 2019 12:35

Tgt Ion: 106 Resp: 217905
Ion Ratio Lower Upper
106 100
91 199.4 160.5 240.7

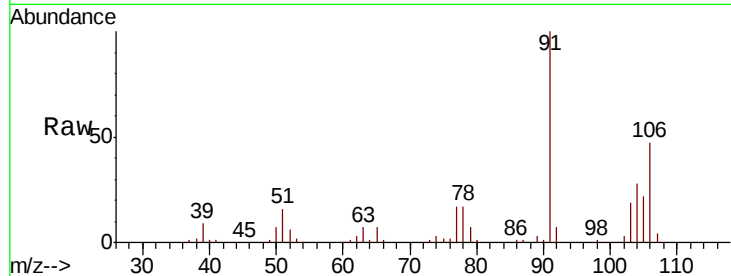




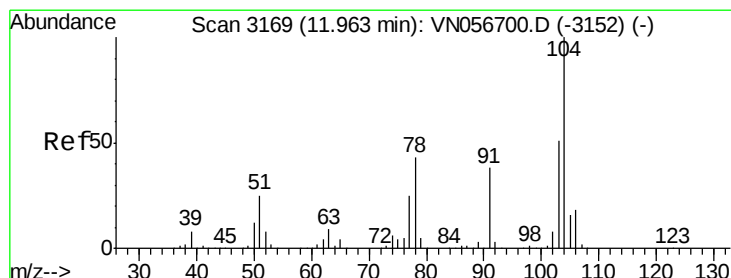
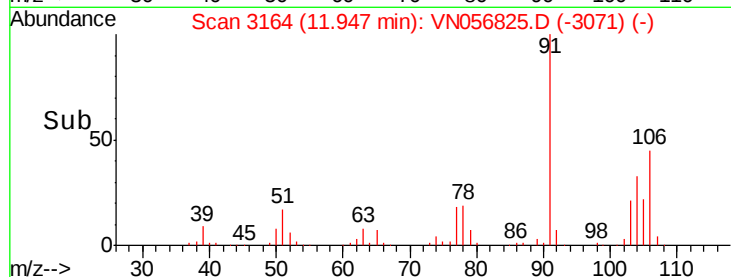
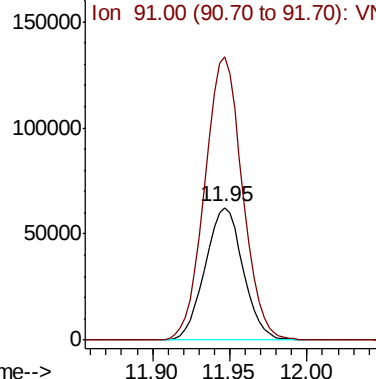
#69
o-Xylene
Concen: 19.443 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN056825.D
Acq: 19 Jul 2019 12:35

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:106 Resp: 106443
Ion Ratio Lower Upper
106 100
91 212.3 105.6 316.8

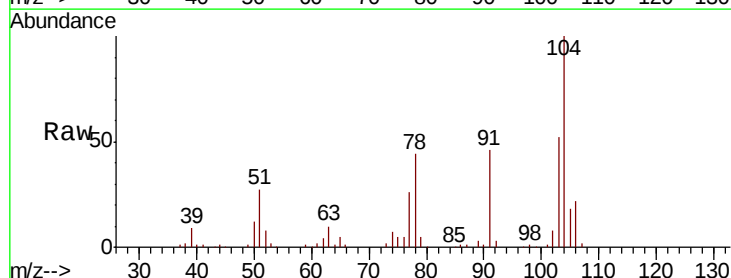


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

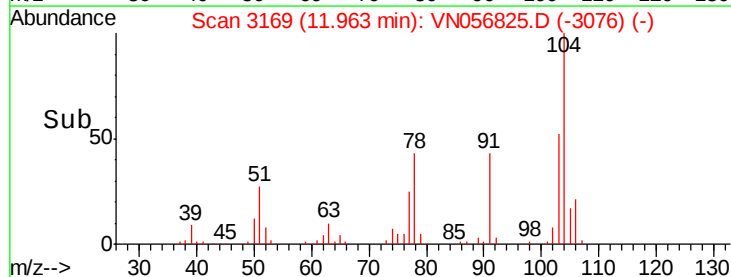
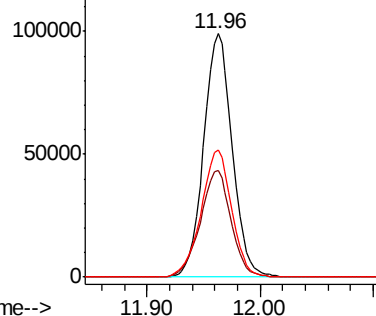


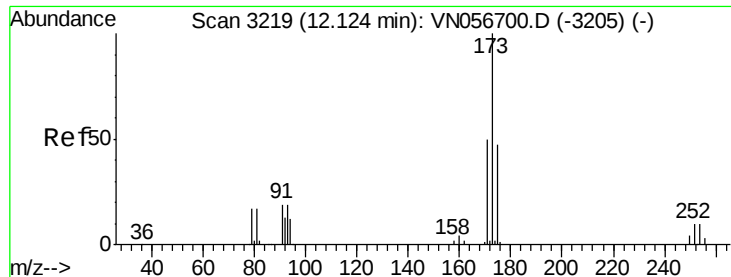
#70
Styrene
Concen: 19.653 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN056825.D
Acq: 19 Jul 2019 12:35

Tgt Ion:104 Resp: 173946
Ion Ratio Lower Upper
104 100
78 47.2 38.6 57.8
103 55.8 44.2 66.4



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 19.438 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN056825.D

Acq: 19 Jul 2019 12:35

Instrument :

MSVOA_N

ClientSampleId :

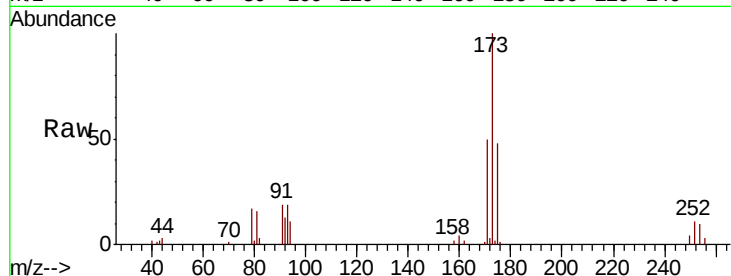
Tot Ion:173 Resp: 46170

Ion Ratio Lower Upper

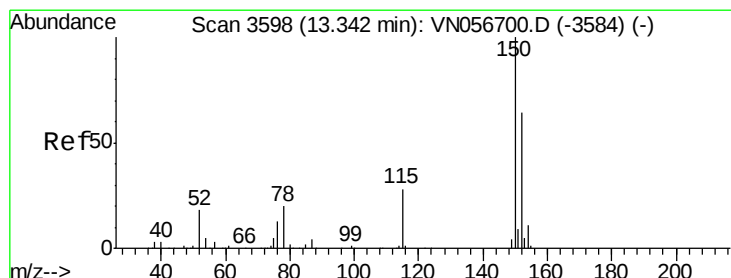
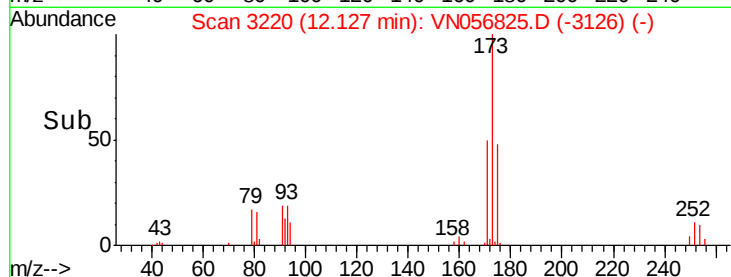
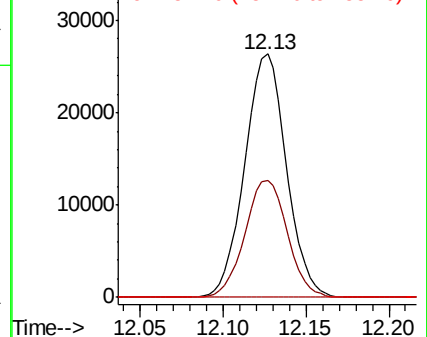
173 100

175 49.1 23.8 71.4

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: VN056825.D

Acq: 19 Jul 2019 12:35

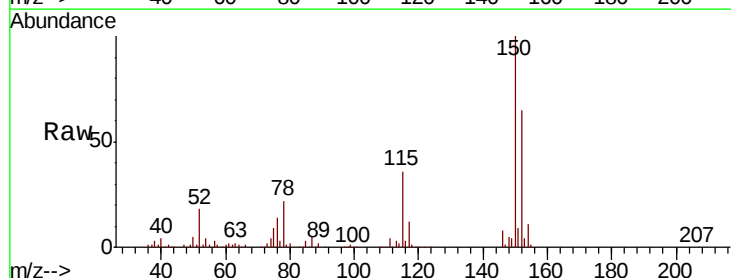
Tgt Ion:152 Resp: 168954

Ion Ratio Lower Upper

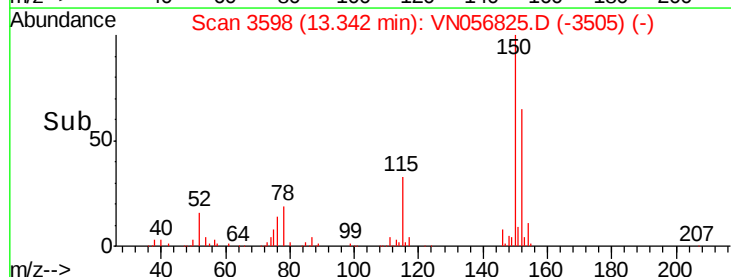
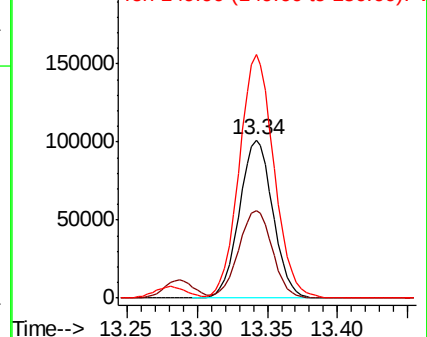
152 100

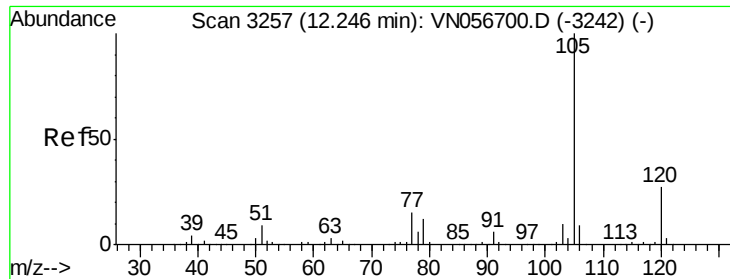
115 55.7 28.2 84.7

150 159.4 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: 20.543 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN056825.D

Acq: 19 Jul 2019 12:35

Instrument :

MSVOA_N

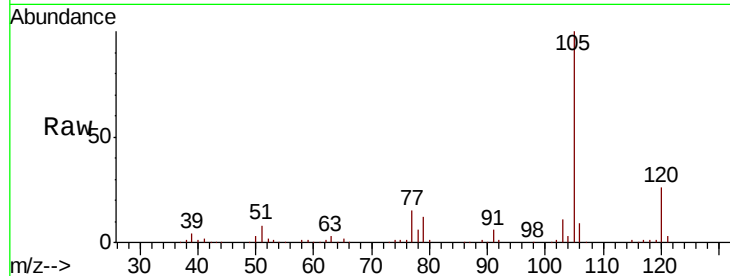
ClientSampleId :

Tot Ion:105 Resp: 279855

Ion Ratio Lower Upper

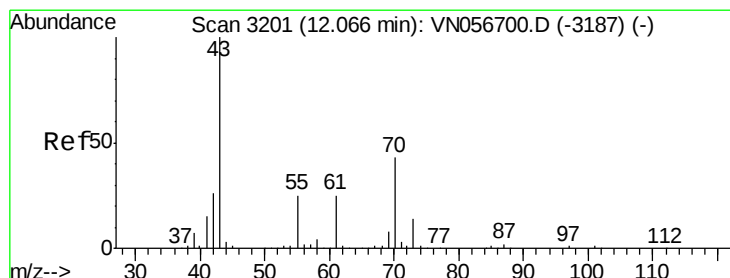
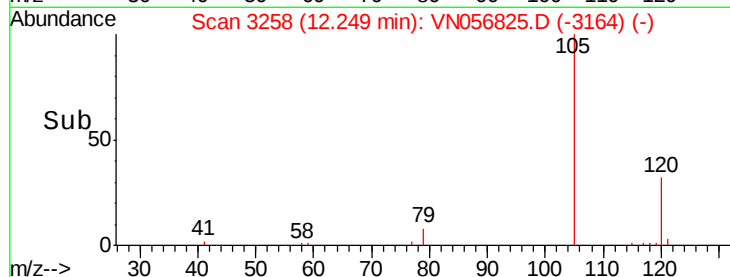
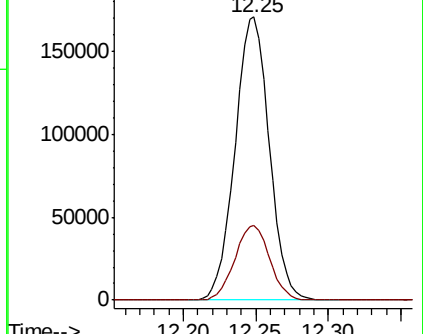
105 100

120 26.8 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.249 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN056825.D

Acq: 19 Jul 2019 12:35

Tgt Ion: 43 Resp: 97659

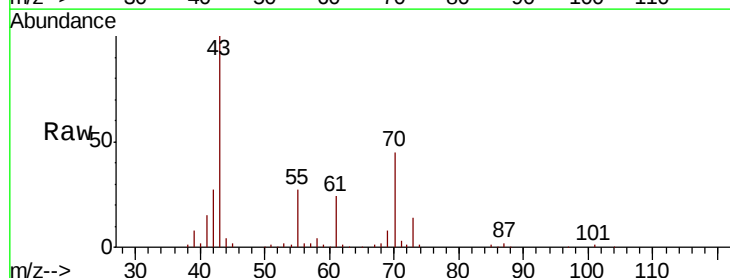
Ion Ratio Lower Upper

43 100

70 43.5 34.5 51.7

55 26.5 20.2 30.2

61 24.2 19.9 29.9

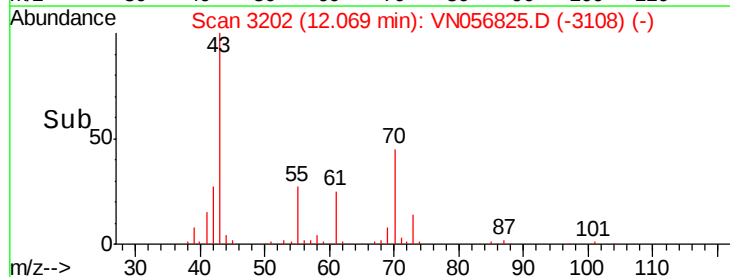
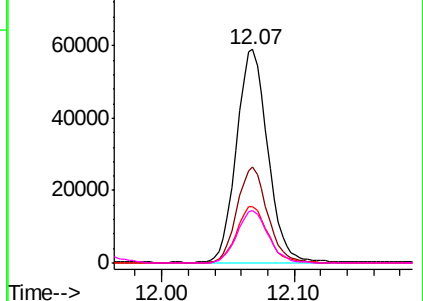


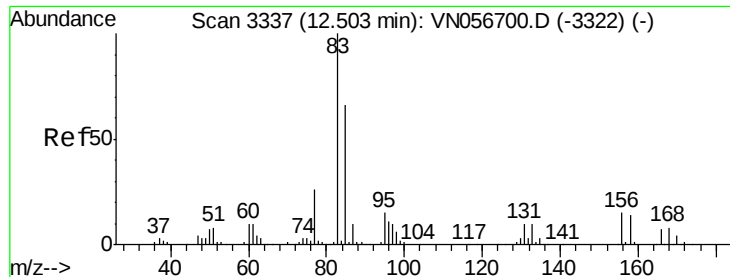
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 22.554 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN056825.D

Acq: 19 Jul 2019 12:35

Instrument :

MSVOA_N

ClientSampleId :

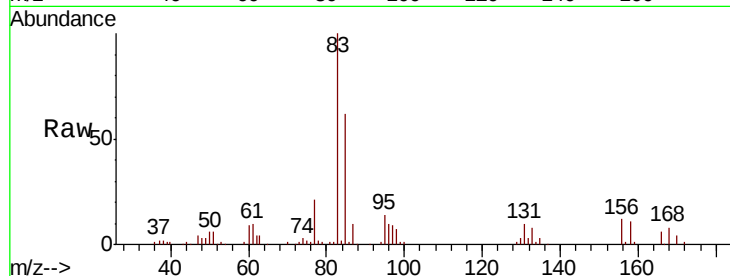
Tot Ion: 83 Resp: 93181

Ion Ratio Lower Upper

83 100

131 10.1 5.3 15.8

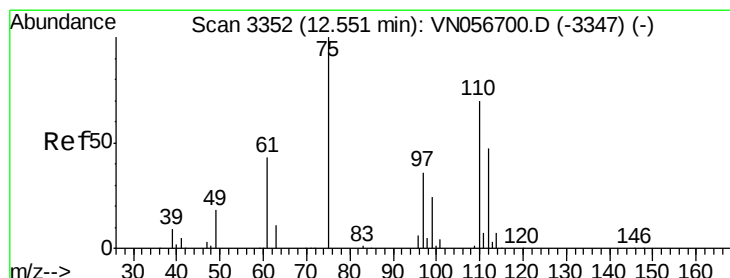
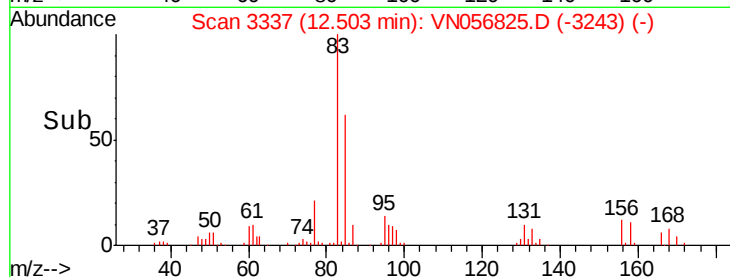
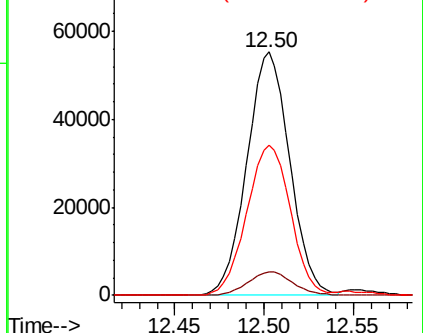
85 62.7 32.6 97.8



Abundance Ion 82.90 (82.60 to 83.60): VN056825.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN056825.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN056825.D (-3243) (-)



#76

1,2,3-Trichloropropane

Concen: 29.469 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN056825.D

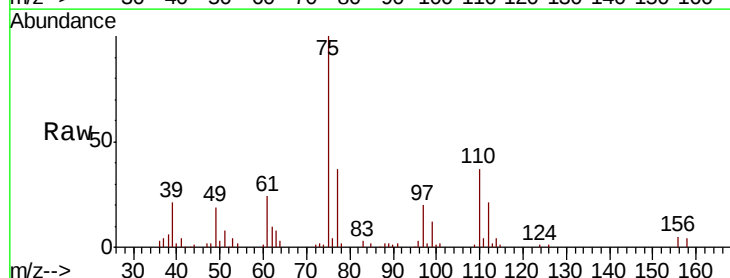
Acq: 19 Jul 2019 12:35

Tgt Ion: 75 Resp: 108896

Ion Ratio Lower Upper

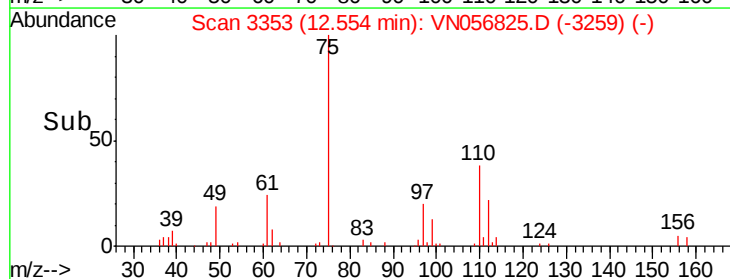
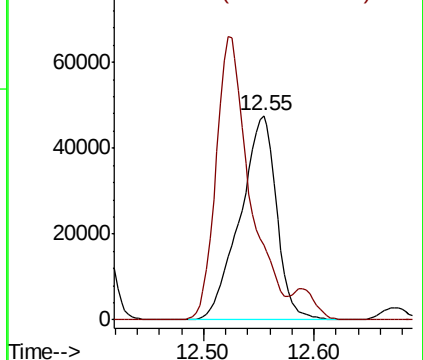
75 100

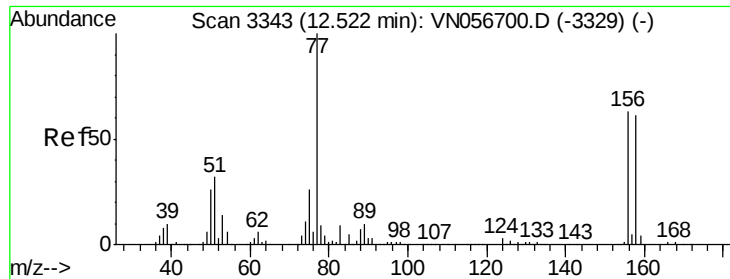
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN056825.D (-3259) (-)

Ion 77.00 (76.70 to 77.70): VN056825.D (-3259) (-)





#77

Bromobenzene

Concen: 20.688 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN056825.D

Acq: 19 Jul 2019 12:35

Instrument :

MSVOA_N

ClientSampled :

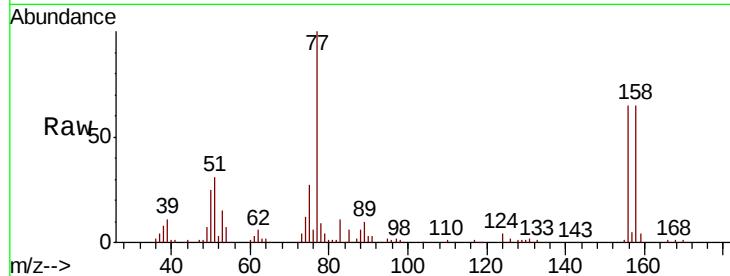
Tot Ion:156 Resp: 73717

Ion Ratio Lower Upper

156 100

77 190.2 97.2 291.6

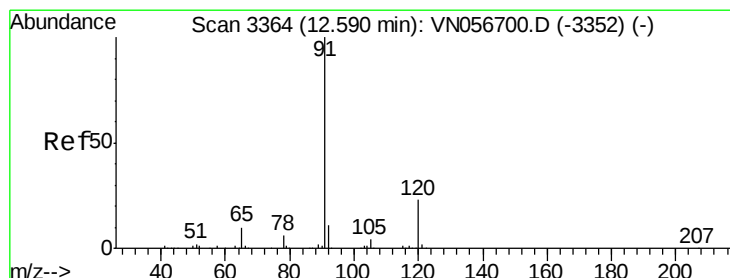
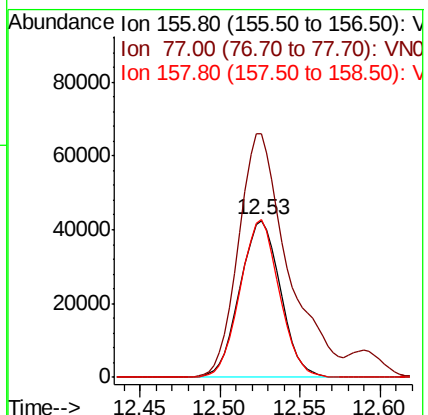
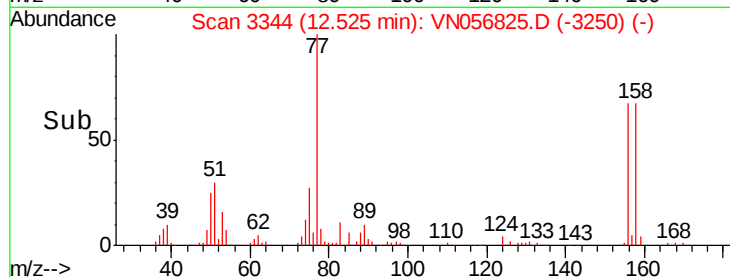
158 97.3 48.9 146.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.681 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN056825.D

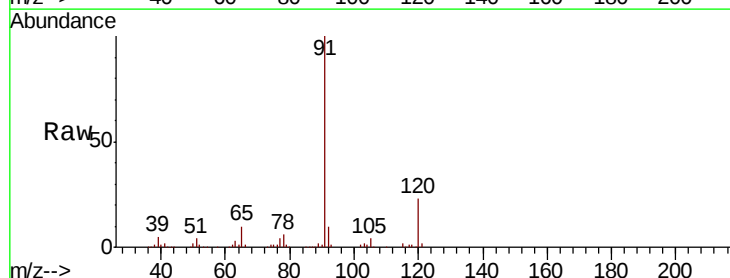
Acq: 19 Jul 2019 12:35

Tgt Ion: 91 Resp: 297647

Ion Ratio Lower Upper

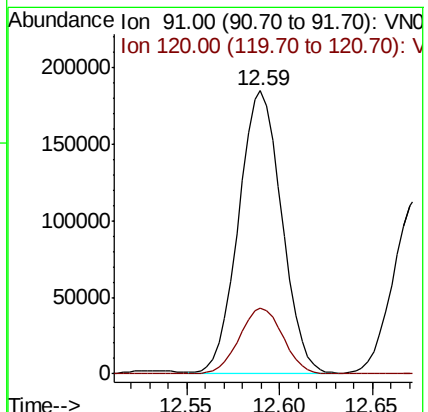
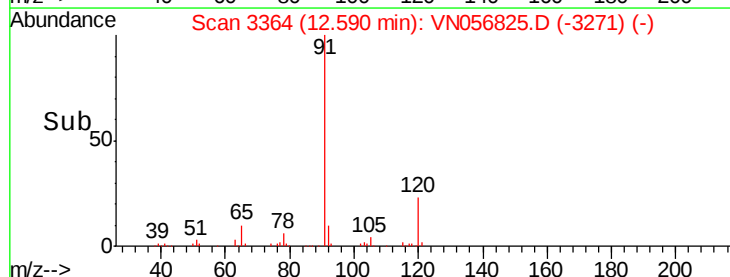
91 100

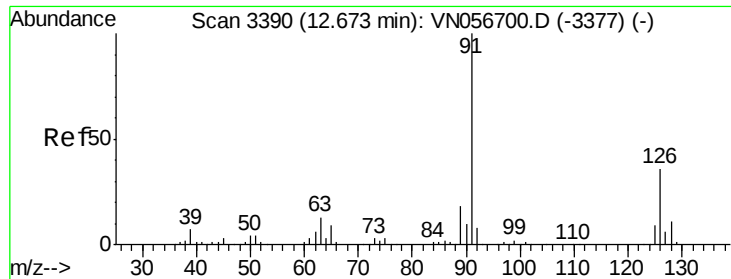
120 23.7 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

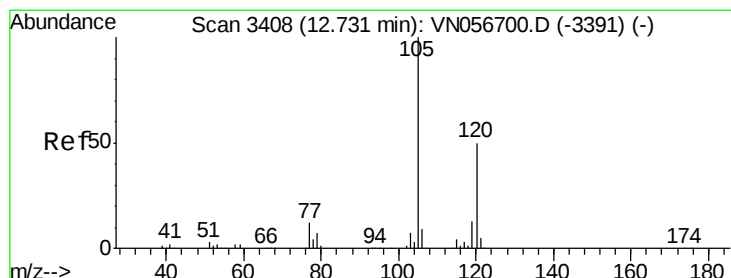
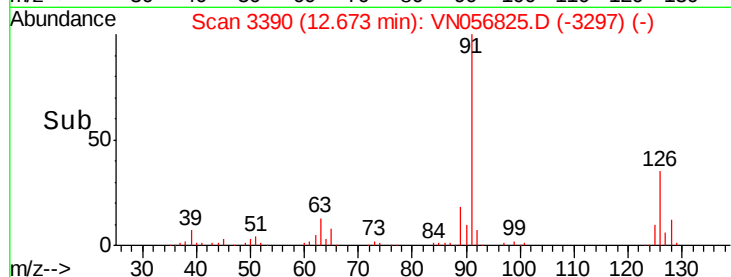
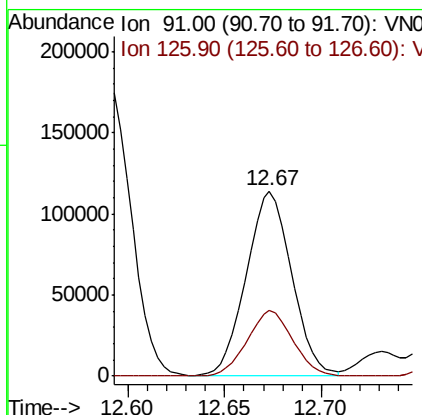
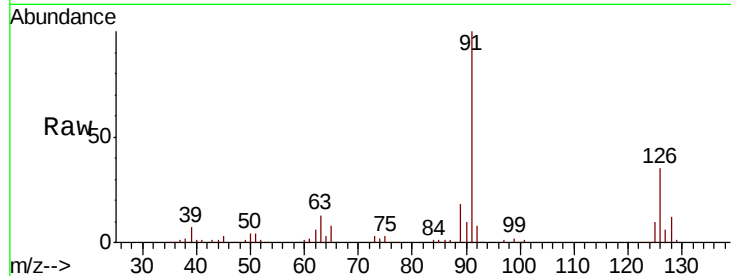




#79
 2-Chlorotoluene
 Concen: 21.404 ug/l
 RT: 12.67 min Scan# 3390
 Delta R.T. 0.00 min
 Lab File: VN056825.D
 Acq: 19 Jul 2019 12:35

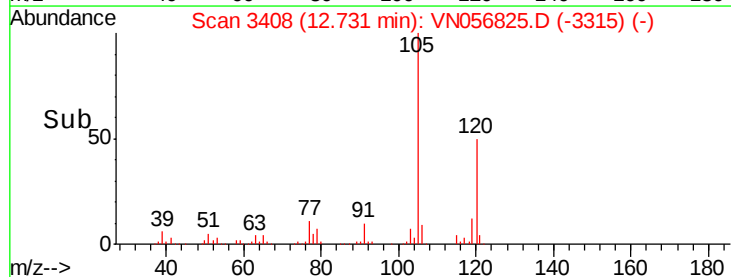
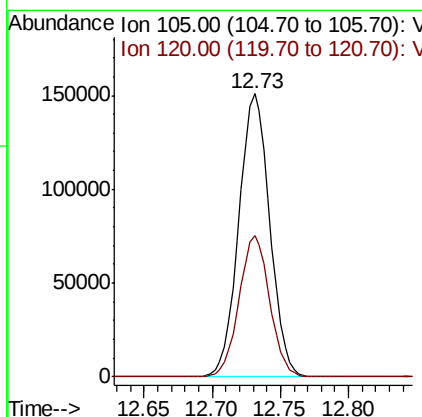
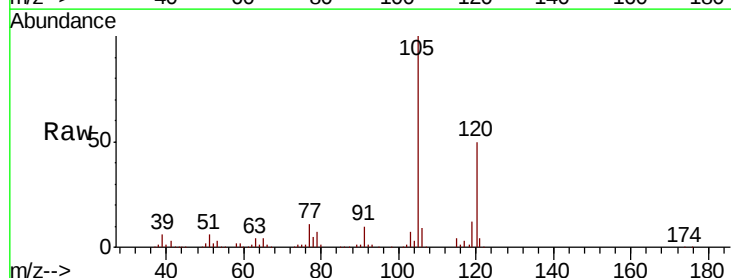
Instrument :
 MSVOA_N
 ClientSampled :

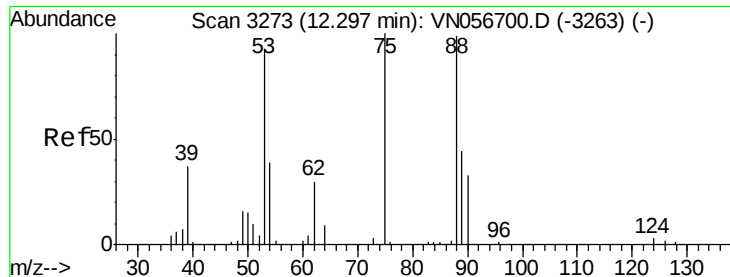
Tot Ion: 91 Resp: 186727
 Ion Ratio Lower Upper
 91 100
 126 35.5 17.9 53.7



#80
 1,3,5-Trimethylbenzene
 Concen: 20.576 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. -0.00 min
 Lab File: VN056825.D
 Acq: 19 Jul 2019 12:35

Tgt Ion: 105 Resp: 237571
 Ion Ratio Lower Upper
 105 100
 120 49.2 24.8 74.3





#81

trans-1,4-Dichloro-2-butene

Concen: 18.730 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN056825.D

Acq: 19 Jul 2019 12:35

Instrument :

MSVOA_N

ClientSampleId :

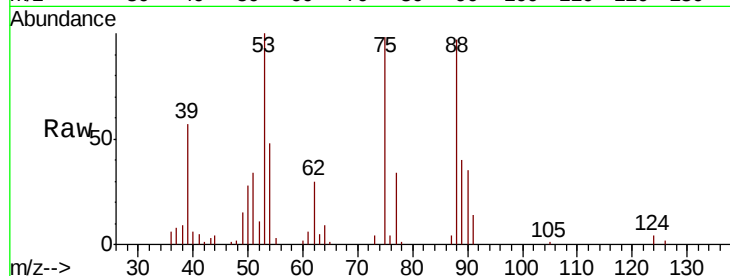
Tot Ion: 75 Resp: 22411

Ion Ratio Lower Upper

75 100

53 99.5 73.7 110.5

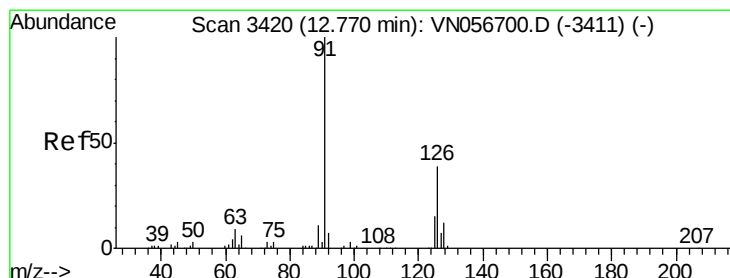
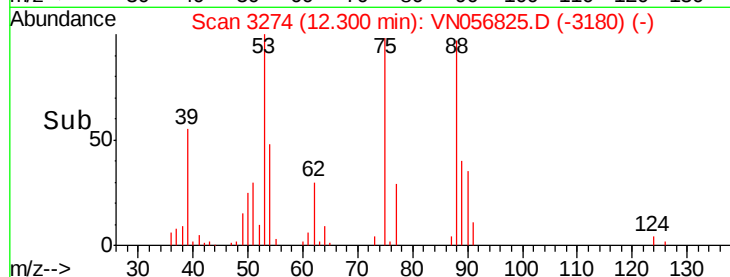
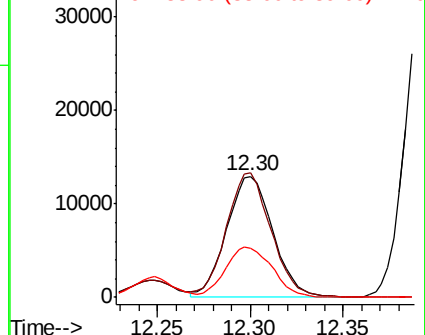
89 42.2 36.2 54.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 19.853 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN056825.D

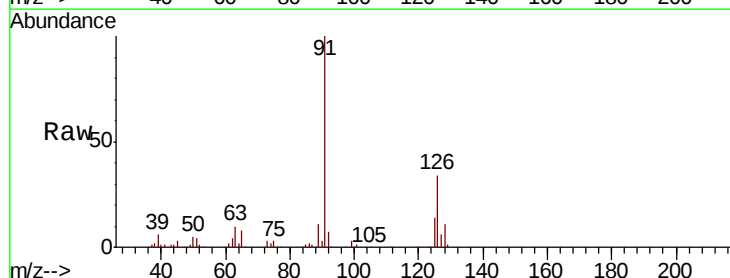
Acq: 19 Jul 2019 12:35

Tgt Ion: 91 Resp: 176205

Ion Ratio Lower Upper

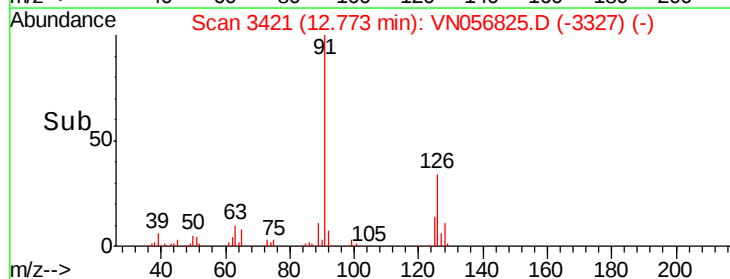
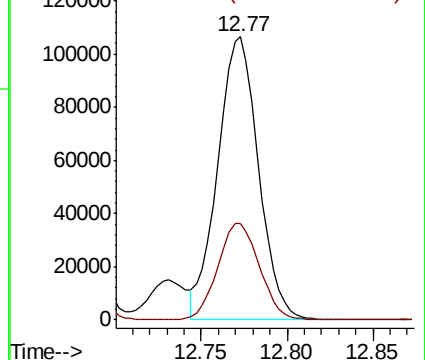
91 100

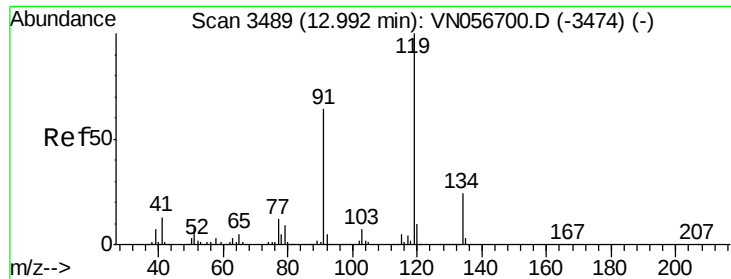
126 34.7 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

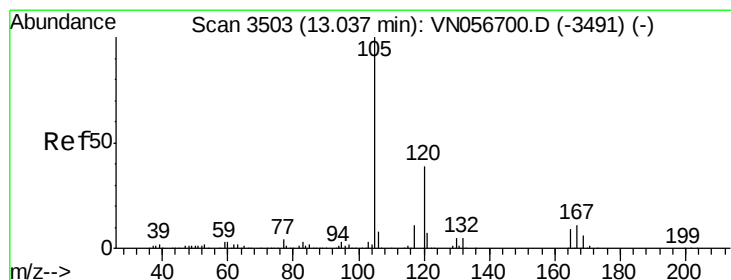
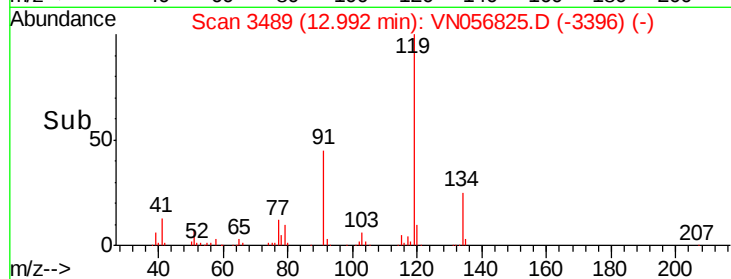
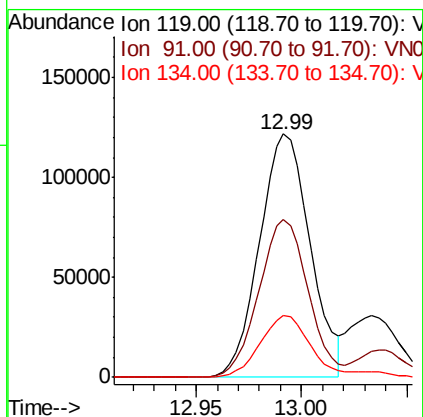
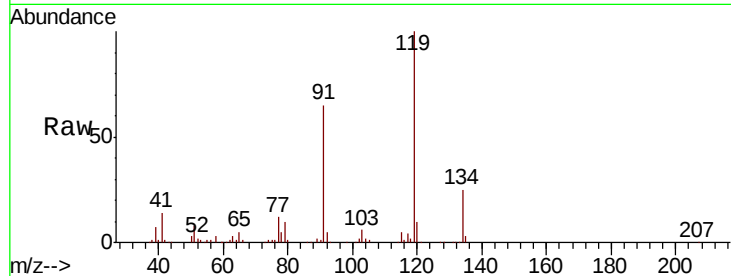




#83
 tert-Butylbenzene
 Concen: 21.783 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN056825.D
 Acq: 19 Jul 2019 12:35

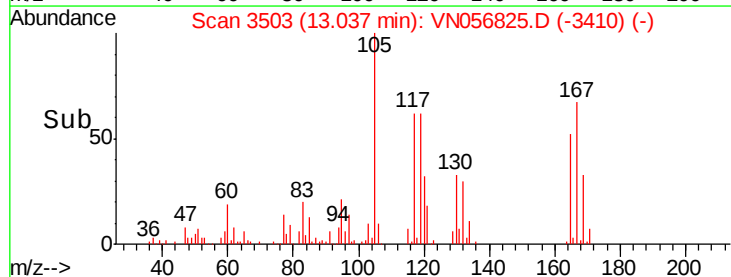
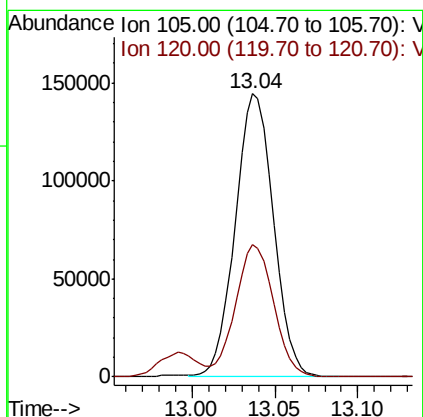
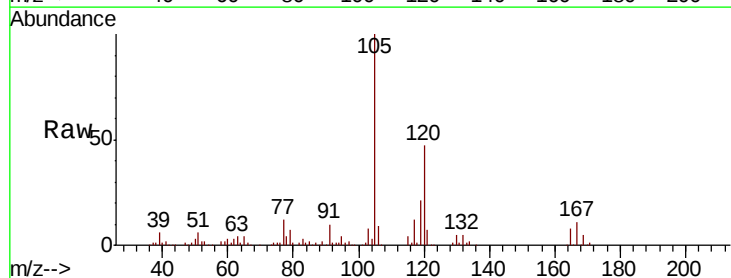
Instrument :
 MSVOA_N
 ClientSampled :

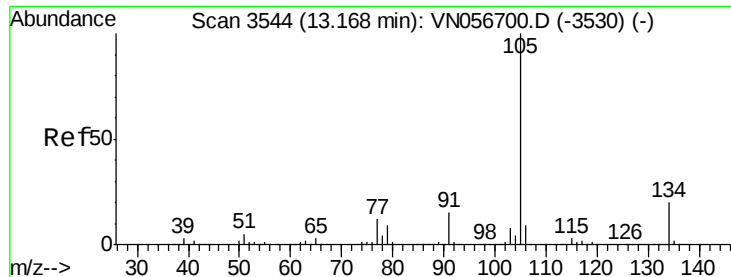
Tot Ion:119 Resp: 203387
 Ion Ratio Lower Upper
 119 100
 91 63.2 31.8 95.4
 134 26.7 13.0 38.9



#84
 1,2,4-Trimethylbenzene
 Concen: 20.483 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. -0.00 min
 Lab File: VN056825.D
 Acq: 19 Jul 2019 12:35

Tgt Ion:105 Resp: 231042
 Ion Ratio Lower Upper
 105 100
 120 46.6 22.9 68.8

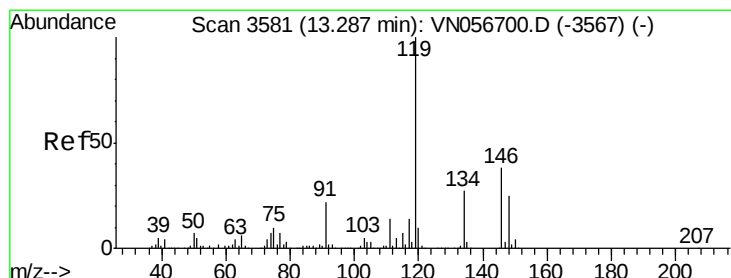
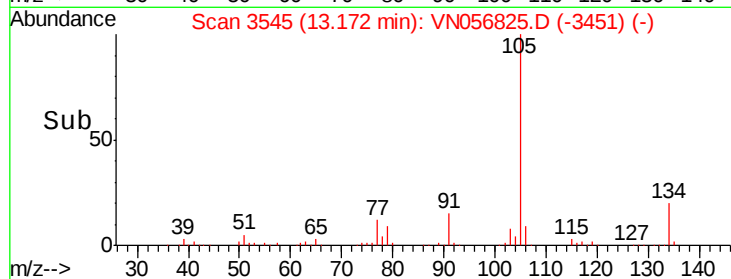
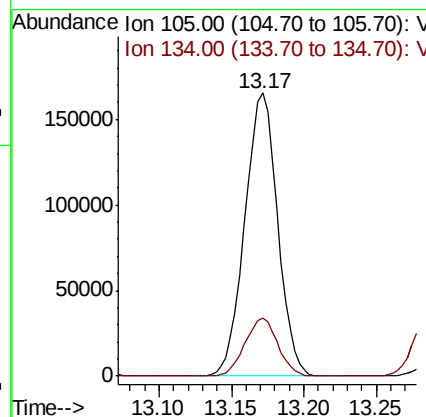
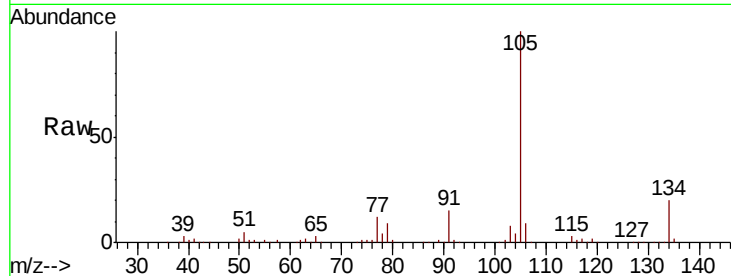




#85
 sec-Butylbenzene
 Concen: 20.306 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN056825.D
 Acq: 19 Jul 2019 12:35

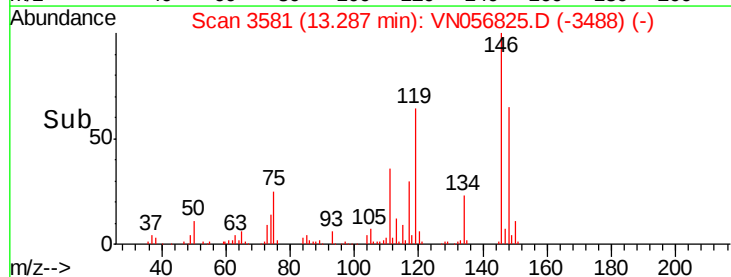
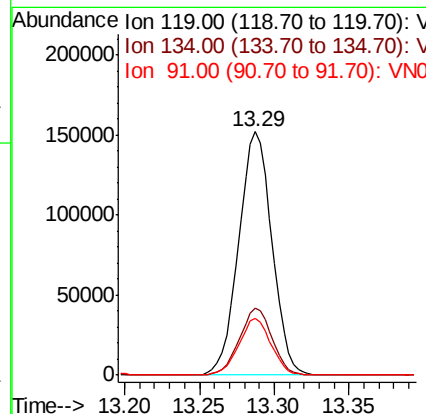
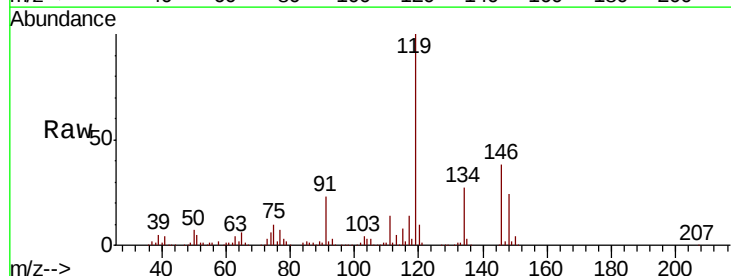
Instrument :
 MSVOA_N
 ClientSampleId :

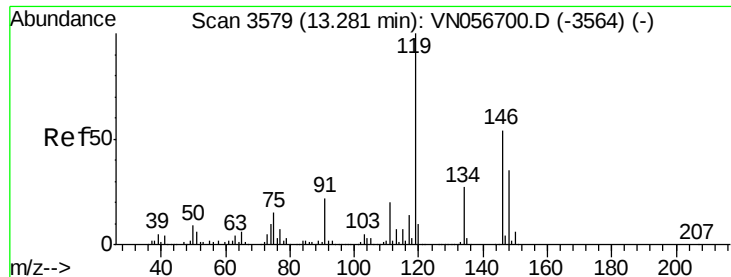
Tot Ion:105 Resp: 260518
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 20.244 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN056825.D
 Acq: 19 Jul 2019 12:35

Tgt Ion:119 Resp: 235284
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.6 40.7
 91 22.5 11.2 33.5

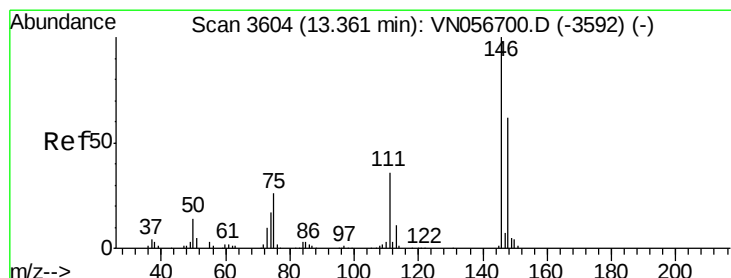
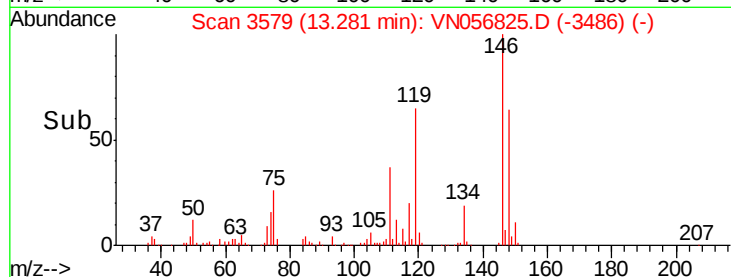
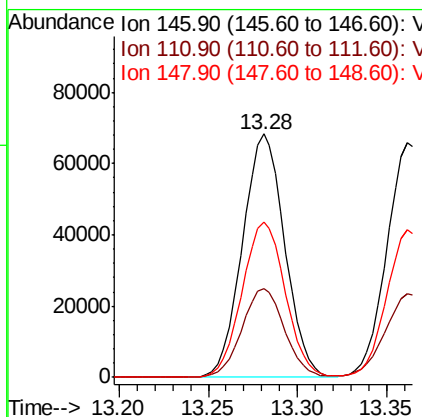
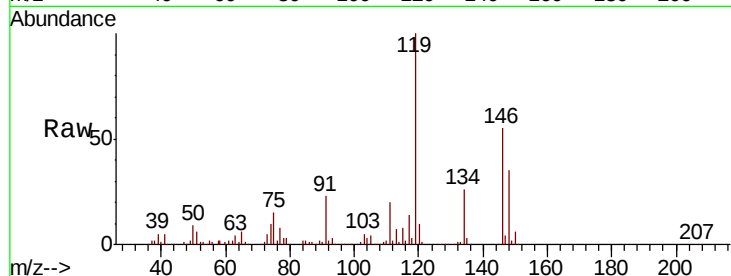




#87
 1,3-Dichlorobenzene
 Concen: 19.319 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.00 min
 Lab File: VN056825.D
 Acq: 19 Jul 2019 12:35

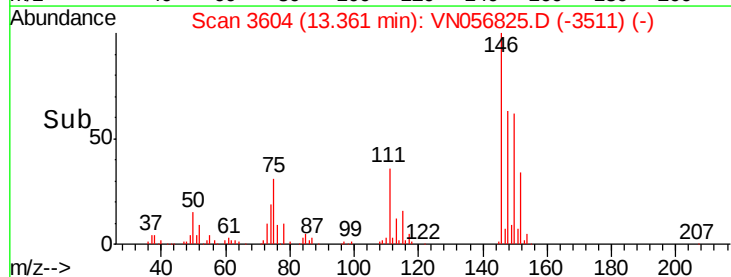
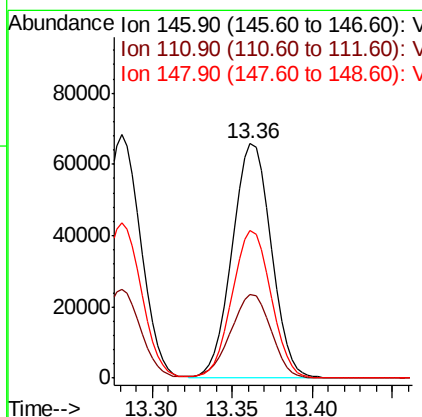
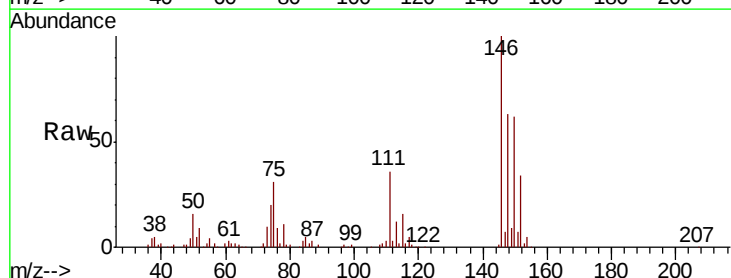
Instrument :
 MSVOA_N
 ClientSampled :

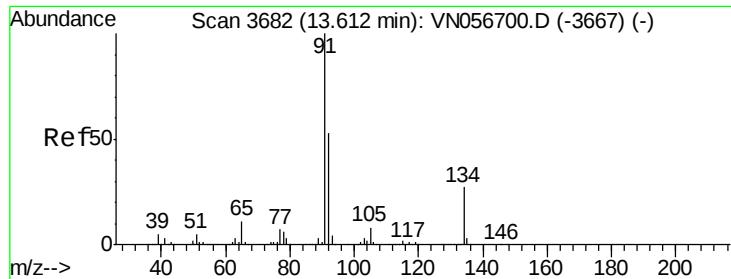
Tot Ion:146 Resp: 112815
 Ion Ratio Lower Upper
 146 100
 111 36.8 18.8 56.3
 148 65.3 32.3 96.8



#88
 1,4-Dichlorobenzene
 Concen: 19.323 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. -0.00 min
 Lab File: VN056825.D
 Acq: 19 Jul 2019 12:35

Tgt Ion:146 Resp: 109757
 Ion Ratio Lower Upper
 146 100
 111 37.1 18.6 55.8
 148 62.8 31.9 95.7

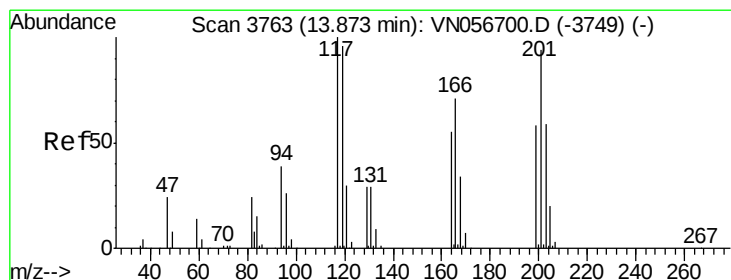
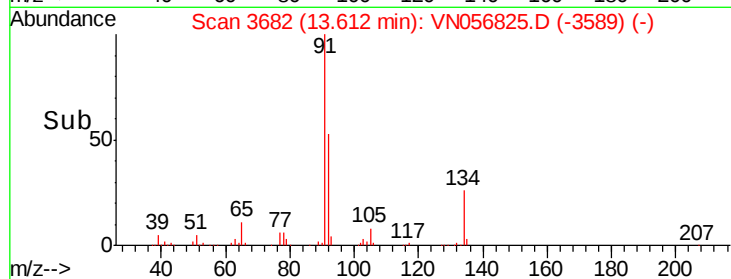
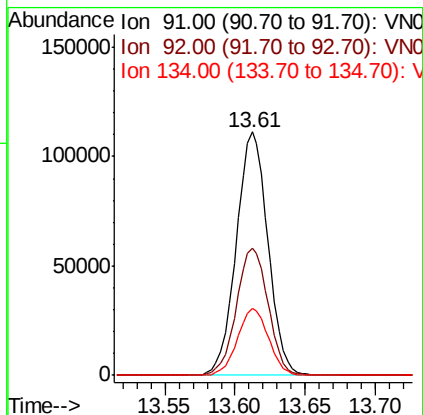
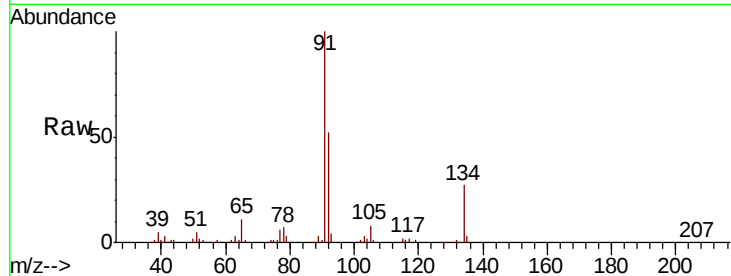




#89
n-Butylbenzene
Concen: 18.701 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN056825.D
Acq: 19 Jul 2019 12:35

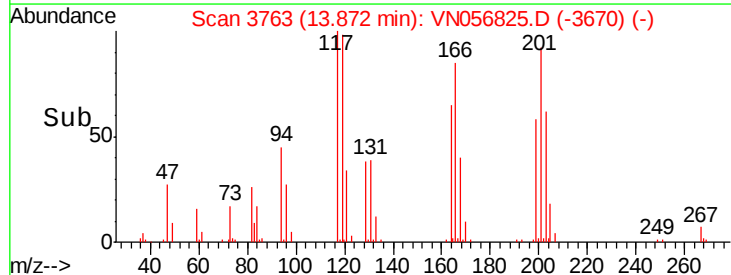
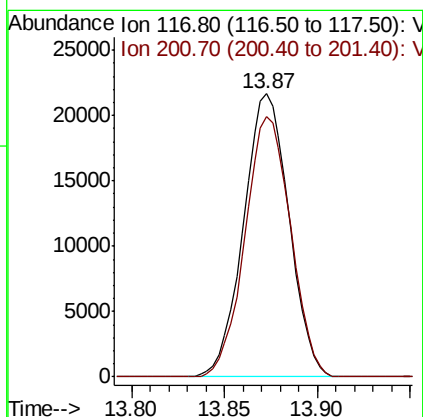
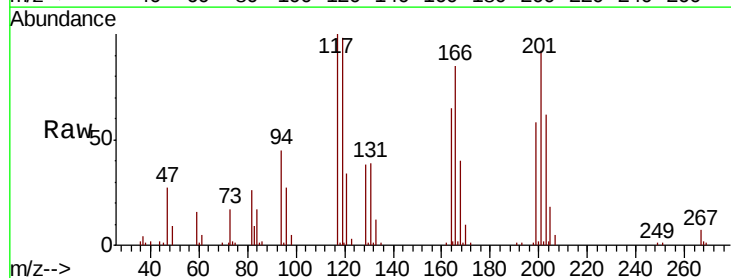
Instrument :
MSVOA_N
ClientSampled :

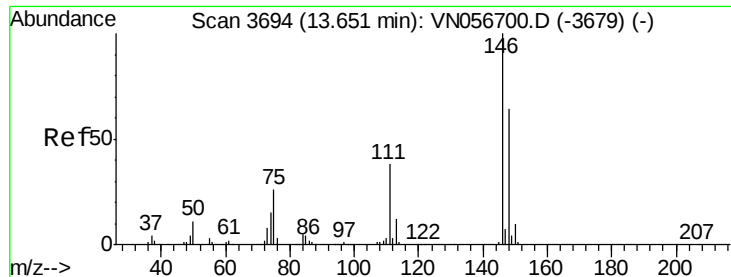
Tot Ion: 91 Resp: 175079
Ion Ratio Lower Upper
91 100
92 52.4 26.0 78.0
134 26.9 13.4 40.2



#90
Hexachloroethane
Concen: 19.597 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. -0.00 min
Lab File: VN056825.D
Acq: 19 Jul 2019 12:35

Tgt Ion: 117 Resp: 36833
Ion Ratio Lower Upper
117 100
201 92.4 46.5 139.5





#91

1,2-Dichlorobenzene

Concen: 19.648 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. -0.00 min

Lab File: VN056825.D

Acq: 19 Jul 2019 12:35

Instrument :

MSVOA_N

ClientSampleId :

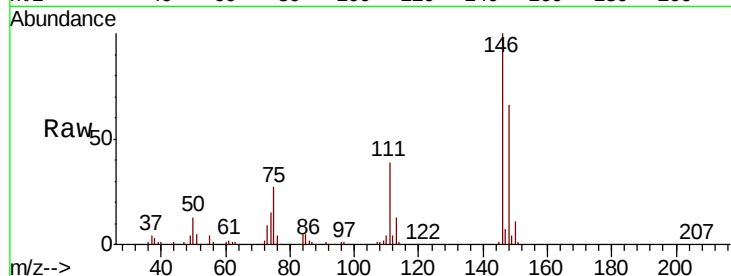
Tot Ion:146 Resp: 117348

Ion Ratio Lower Upper

146 100

111 39.3 19.1 57.1

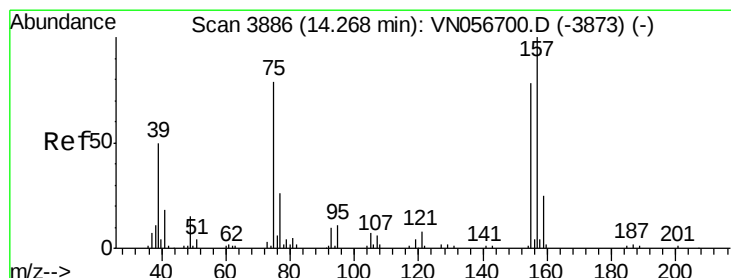
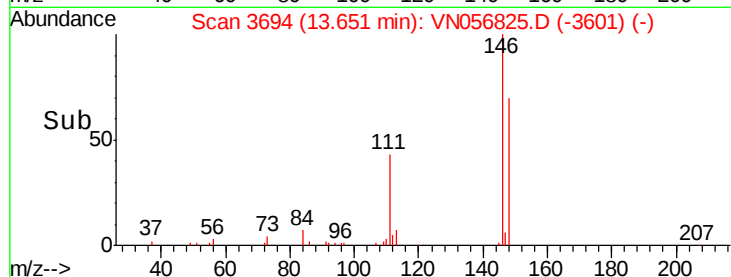
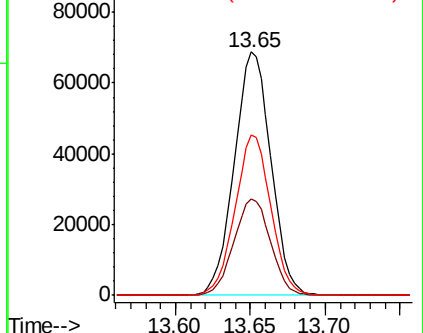
148 64.2 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.880 ug/l

RT: 14.26 min Scan# 3885

Delta R.T. -0.00 min

Lab File: VN056825.D

Acq: 19 Jul 2019 12:35

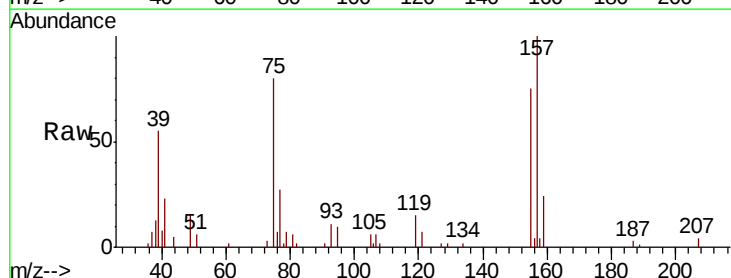
Tgt Ion: 75 Resp: 14522

Ion Ratio Lower Upper

75 100

155 93.3 49.3 147.9

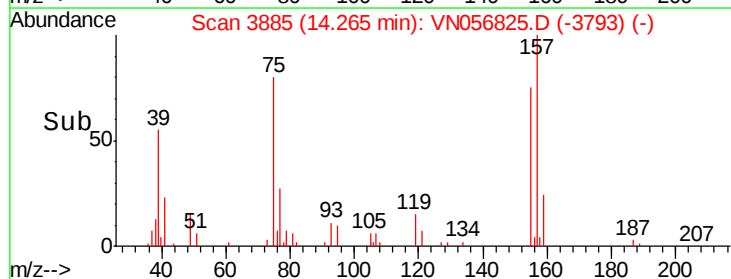
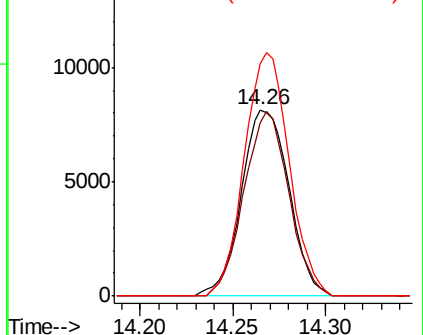
157 122.9 62.4 187.1

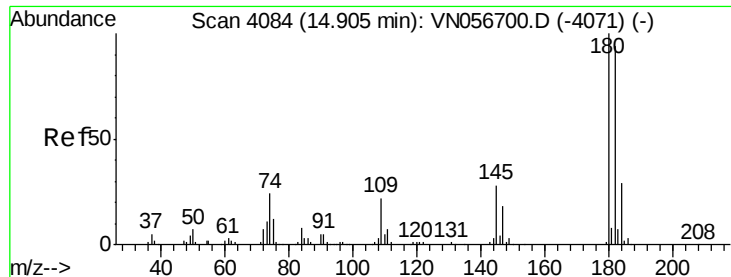


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

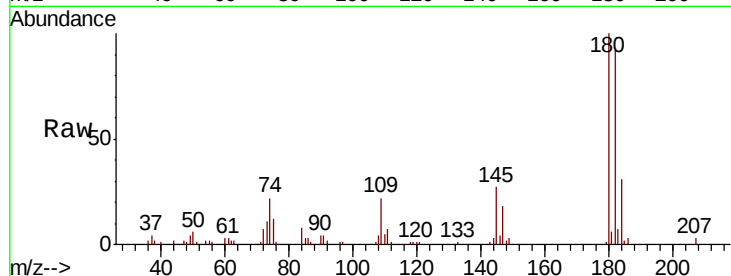




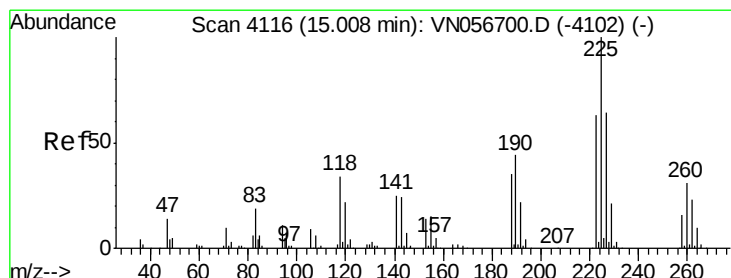
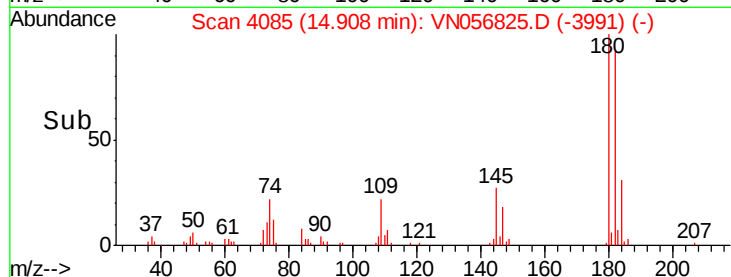
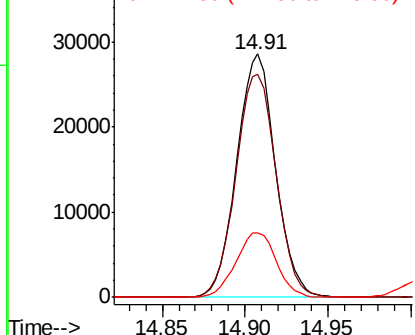
#93
 1,2,4-Trichlorobenzene
 Concen: 16.724 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056825.D
 Acq: 19 Jul 2019 12:35

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:180 Resp: 46429
 Ion Ratio Lower Upper
 180 100
 182 95.5 47.2 141.6
 145 27.7 14.2 42.8

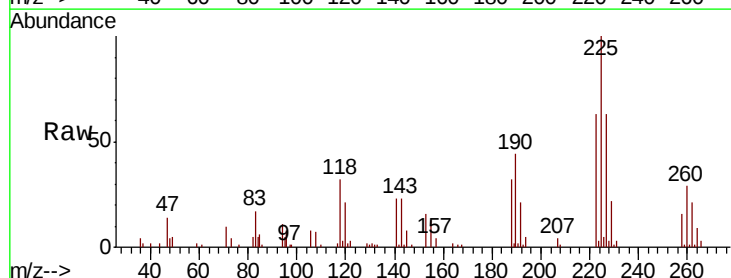


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

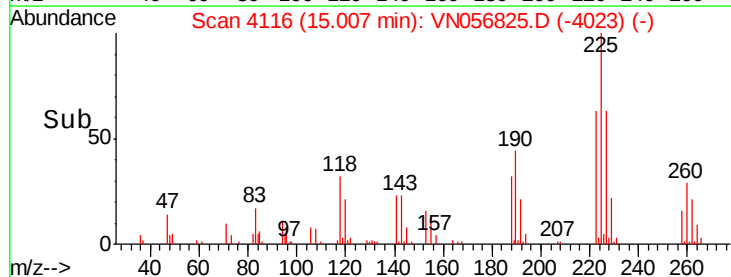
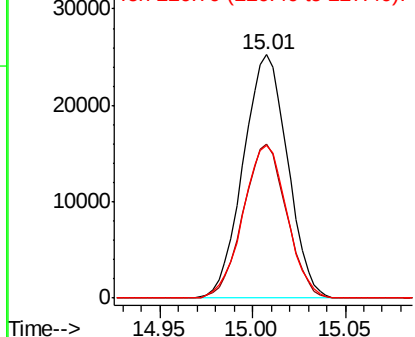


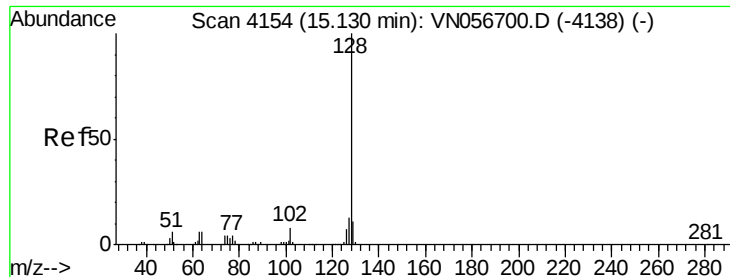
#94
 Hexachlorobutadiene
 Concen: 21.587 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN056825.D
 Acq: 19 Jul 2019 12:35

Tgt Ion:225 Resp: 41882
 Ion Ratio Lower Upper
 225 100
 223 61.7 31.5 94.5
 227 62.1 32.0 96.2



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





#95

Naphthalene

Concen: 15.849 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN056825.D

Acq: 19 Jul 2019 12:35

Instrument :

MSVOA_N

ClientSampleId :

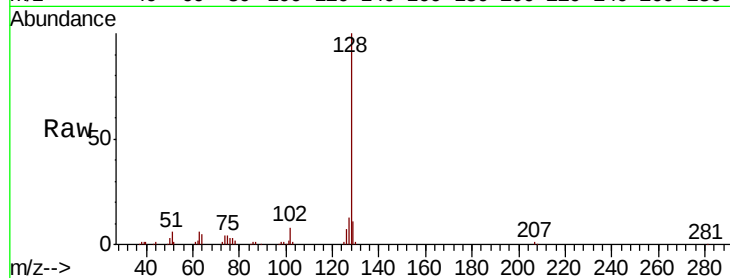
Tot Ion:128 Resp: 112700

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

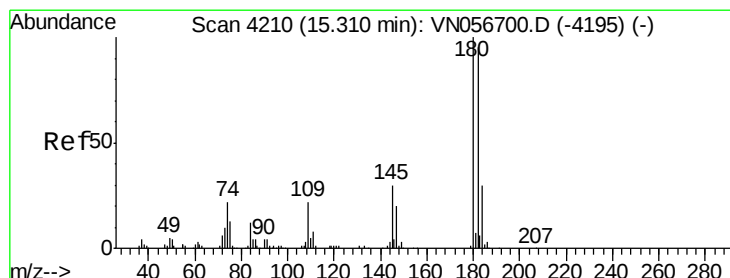
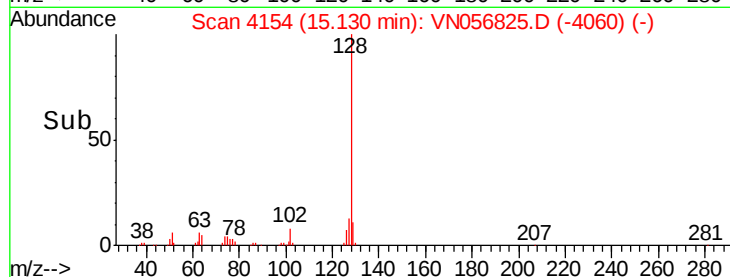
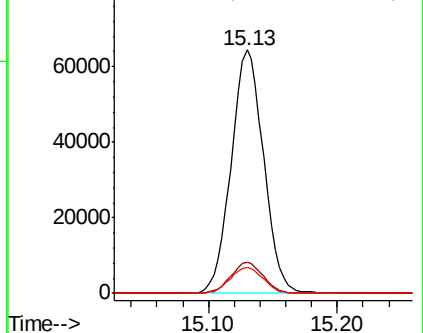
129 10.7 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 17.750 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. 0.00 min

Lab File: VN056825.D

Acq: 19 Jul 2019 12:35

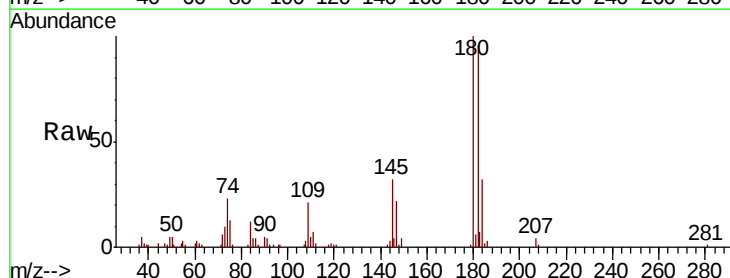
Tgt Ion:180 Resp: 50627

Ion Ratio Lower Upper

180 100

182 93.1 47.1 141.3

145 30.2 15.0 45.1



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

