

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052319\
 Data File : VN055756.D
 Acq On : 23 May 2019 16:21
 Operator : JC/SP
 Sample : VN0523WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0523WBS01

Quant Time: May 24 06:48:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 24 06:41:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	386907	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	547403	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	478066	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	205405	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	194465	48.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.34%	
35) Dibromofluoromethane	7.59	113	172970	49.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.96%	
50) Toluene-d8	10.09	98	658368	49.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.18%	
62) 4-Bromofluorobenzene	12.40	95	219401	48.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.40%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	46058	17.688	ug/l	99
3) Chloromethane	2.06	50	65264	17.889	ug/l	100
4) Vinyl Chloride	2.18	62	72305	18.581	ug/l	99
5) Bromomethane	2.54	94	51848	21.298	ug/l	97
6) Chloroethane	2.69	64	45458	19.403	ug/l	98
7) Trichlorofluoromethane	3.01	101	98909	19.388	ug/l	100
8) Diethyl Ether	3.40	74	43055	18.830	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.74	101	60770	19.082	ug/l	98
10) Methyl Iodide	3.94	142	90054	19.342	ug/l	100
11) Tert butyl alcohol	4.82	59	72086	94.423	ug/l	95
12) 1,1-Dichloroethene	3.72	96	62715	19.059	ug/l	97
13) Acrolein	3.60	56	48299	88.354	ug/l	98
14) Allyl chloride	4.31	41	104581	18.540	ug/l	98
15) Acrylonitrile	4.99	53	168311	96.010	ug/l	100
16) Acetone	3.82	43	162025	92.248	ug/l	98
17) Carbon Disulfide	4.04	76	169407	18.121	ug/l	100
18) Methyl Acetate	4.33	43	71628	19.283	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	212089	19.326	ug/l	97
20) Methylene Chloride	4.54	84	71719	18.855	ug/l	97
21) trans-1,2-Dichloroethene	5.03	96	66020	18.675	ug/l	97
22) Diisopropyl ether	5.96	45	207405	18.904	ug/l	98
23) Vinyl Acetate	5.90	43	901784	95.865	ug/l	100
24) 1,1-Dichloroethane	5.84	63	121304	18.990	ug/l	99
25) 2-Butanone	6.84	43	231709	94.461	ug/l	100
26) 2,2-Dichloropropane	6.82	77	102707	18.578	ug/l	100
27) cis-1,2-Dichloroethene	6.82	96	79734	19.333	ug/l	99
28) Bromochloromethane	7.19	49	60800	19.991	ug/l	98
29) Tetrahydrofuran	7.22	42	150076	96.612	ug/l	98
30) Chloroform	7.37	83	122316	19.200	ug/l	99
31) Cyclohexane	7.65	56	113263	18.885	ug/l	92
32) 1,1,1-Trichloroethane	7.57	97	110622	19.459	ug/l	99
36) 1,1-Dichloropropene	7.79	75	91492	19.179	ug/l	100
37) Ethyl Acetate	6.93	43	90597	19.650	ug/l	100
38) Carbon Tetrachloride	7.77	117	99425	20.009	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	112647	19.069	ug/l	99
40) Benzene	8.04	78	286072	19.898	ug/l	100
41) Methacrylonitrile	7.18	41	42108	18.078	ug/l	96
42) 1,2-Dichloroethane	8.12	62	94748	20.168	ug/l	100
43) Isopropyl Acetate	8.17	43	148887	19.220	ug/l	99
44) Trichloroethene	8.83	130	81719	20.389	ug/l	96
45) 1,2-Dichloropropane	9.12	63	74810	19.972	ug/l	100
46) Dibromomethane	9.21	93	49703	20.233	ug/l	97
47) Bromodichloromethane	9.40	83	99224	19.698	ug/l	96
48) Methyl methacrylate	9.20	41	71661	20.072	ug/l	98
49) 1,4-Dioxane	9.20	88	29994	404.276	ug/l	93
51) 4-Methyl-2-Pentanone	9.99	43	456217	99.717	ug/l	100
52) Toluene	10.16	92	179764	19.881	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	106287	19.767	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	117364	19.703	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	72338	19.970	ug/l	99
56) Ethyl methacrylate	10.43	69	108898	19.452	ug/l	98
57) 1,3-Dichloropropane	10.71	76	115937	19.690	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	204384	95.532	ug/l	99
59) 2-Hexanone	10.75	43	315006	97.055	ug/l	100
60) Dibromochloromethane	10.90	129	85348	20.225	ug/l	99
61) 1,2-Dibromoethane	11.00	107	76066	20.245	ug/l	100
64) Tetrachloroethene	10.63	164	82469	20.453	ug/l	99
65) Chlorobenzene	11.43	112	193929	20.264	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	77803	20.383	ug/l	99
67) Ethyl Benzene	11.51	91	338879	19.745	ug/l	100
68) m/p-Xylenes	11.62	106	259923	40.061	ug/l	99
69) o-Xylene	11.95	106	129464	20.112	ug/l	99
70) Styrene	11.96	104	208527	20.004	ug/l	100
71) Bromoform	12.13	173	66663	20.475	ug/l #	98
73) Isopropylbenzene	12.25	105	341758	21.891	ug/l	100
74) N-amyl acetate	12.07	43	119680	20.157	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	99359	21.042	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	121505	33.302	ug/l #	100
77) Bromobenzene	12.53	156	88796	20.258	ug/l	97
78) n-propylbenzene	12.59	91	350555	19.636	ug/l	99
79) 2-Chlorotoluene	12.67	91	216282	21.014	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	281672	21.440	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	29283	19.181	ug/l	95
82) 4-Chlorotoluene	12.77	91	206188	19.648	ug/l	100
83) tert-Butylbenzene	12.99	119	247914	21.601	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	274603	21.007	ug/l	99
85) sec-Butylbenzene	13.17	105	309903	21.045	ug/l	99
86) p-Isopropyltoluene	13.29	119	286136	20.059	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	138136	19.903	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	130890	19.836	ug/l	99
89) n-Butylbenzene	13.61	91	207451	18.981	ug/l	99
90) Hexachloroethane	13.87	117	53978	19.881	ug/l	95
91) 1,2-Dichlorobenzene	13.65	146	140205	20.248	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	17370	19.085	ug/l	93

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Quant Title : SW846 8260
QLast Update : Fri May 24 06:41:54 2019
Response via : Initial Calibration

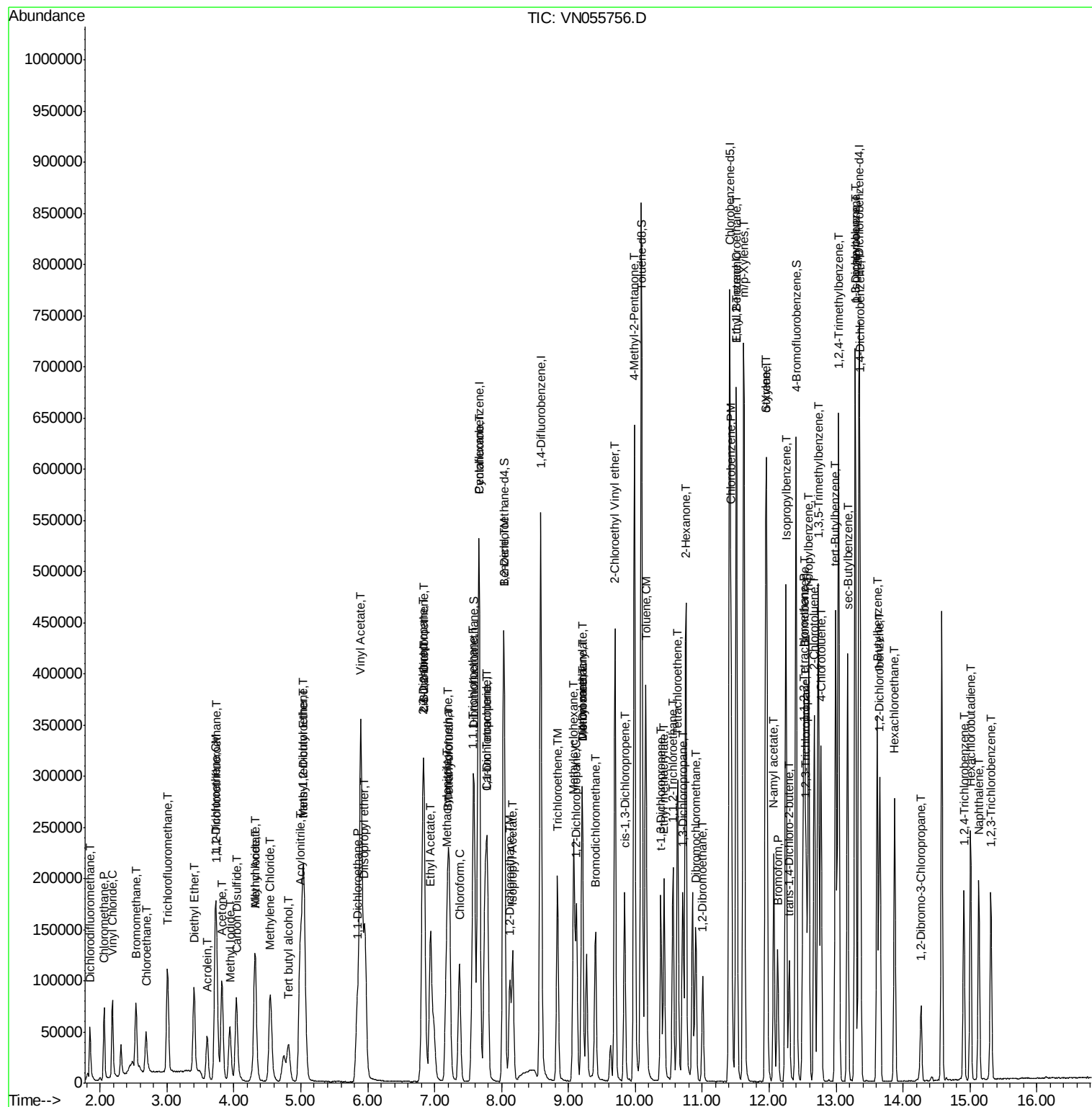
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	67441	19.334	ug/l	99
94) Hexachlorobutadiene	15.01	225	56218	22.048	ug/l	97
95) Naphthalene	15.13	128	179356	18.876	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	72758	19.877	ug/l	99

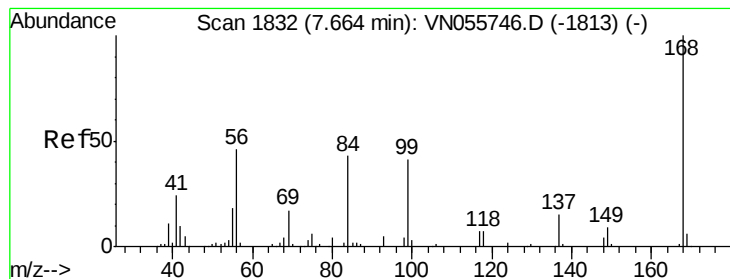
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN055756.D

Acq: 23 May 2019 16:21

Instrument :

MSVOA_N

ClientSampleId :

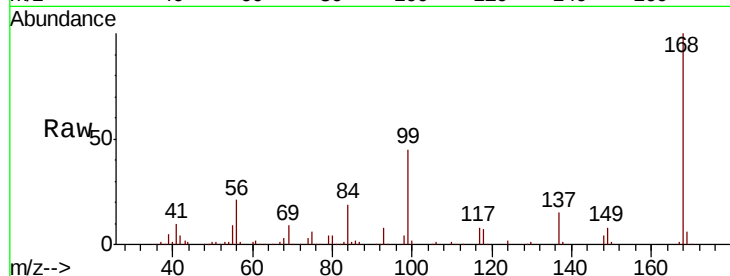
VN0523WBS01

Tot Ion:168 Resp: 386907

Ion Ratio Lower Upper

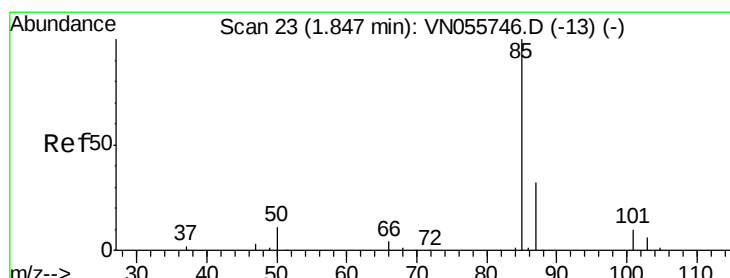
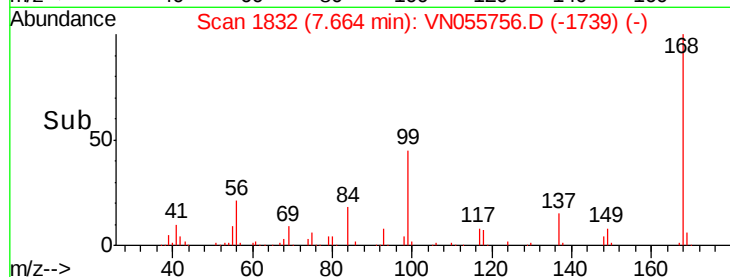
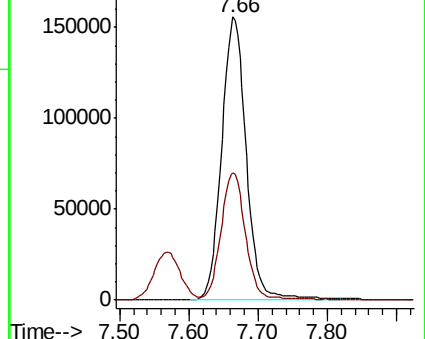
168 100

99 44.8 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#2

Dichlorodifluoromethane

Concen: 17.688 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN055756.D

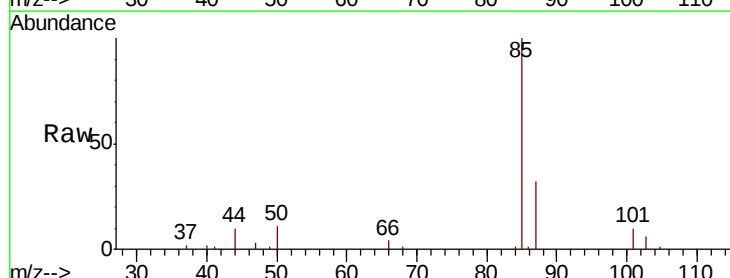
Acq: 23 May 2019 16:21

Tgt Ion: 85 Resp: 46058

Ion Ratio Lower Upper

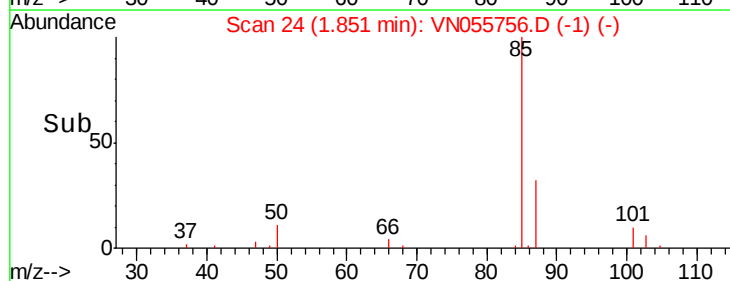
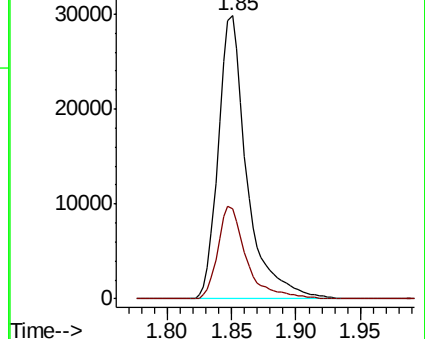
85 100

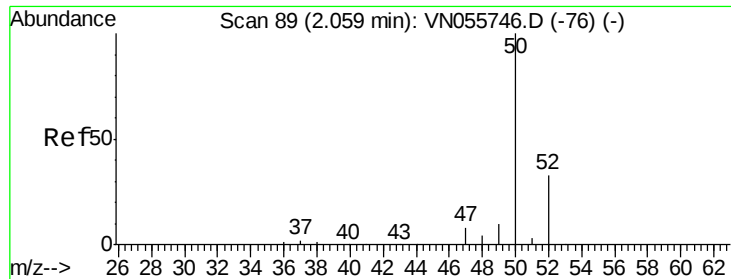
87 31.7 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0





#3

Chloromethane

Concen: 17.889 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN055756.D

Acq: 23 May 2019 16:21

Instrument :

MSVOA_N

ClientSampleId :

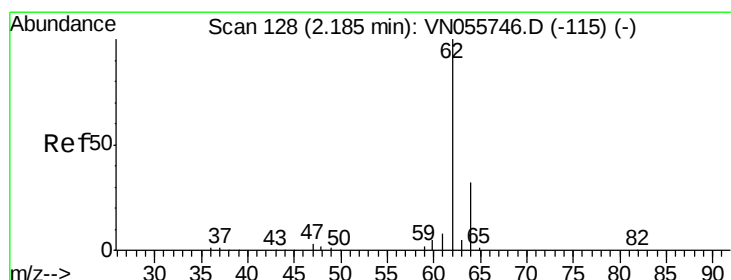
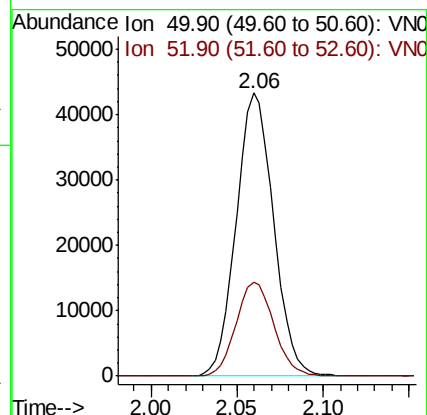
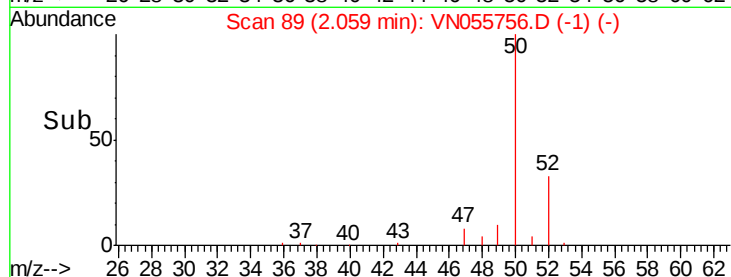
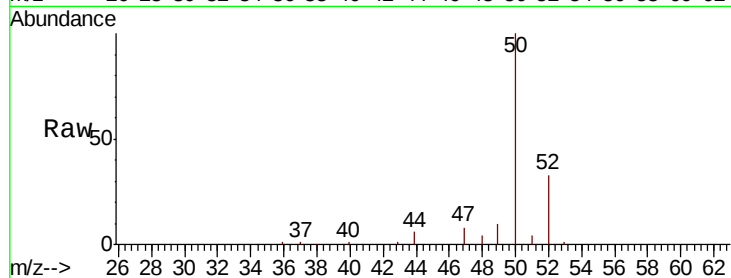
VN0523WBS01

Tot Ion: 50 Resp: 65264

Ion Ratio Lower Upper

50 100

52 33.2 26.6 40.0



#4

Vinyl Chloride

Concen: 18.581 ug/l

RT: 2.18 min Scan# 128

Delta R.T. 0.00 min

Lab File: VN055756.D

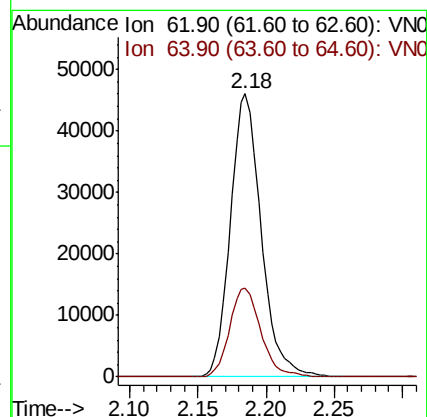
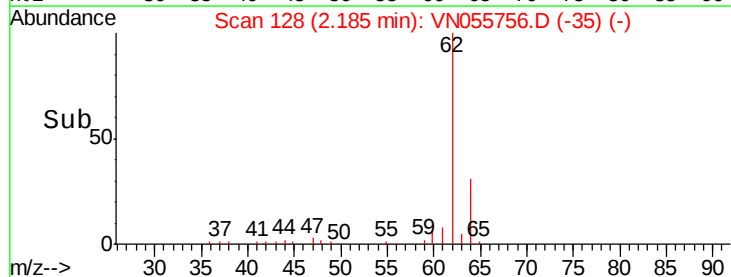
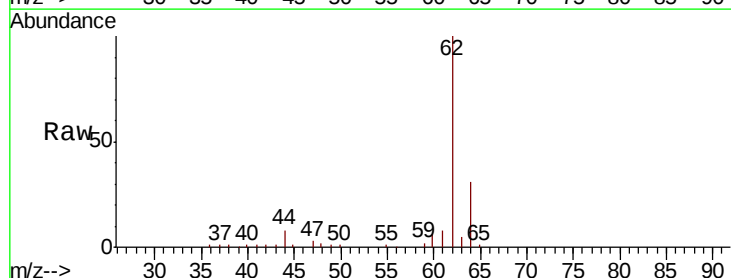
Acq: 23 May 2019 16:21

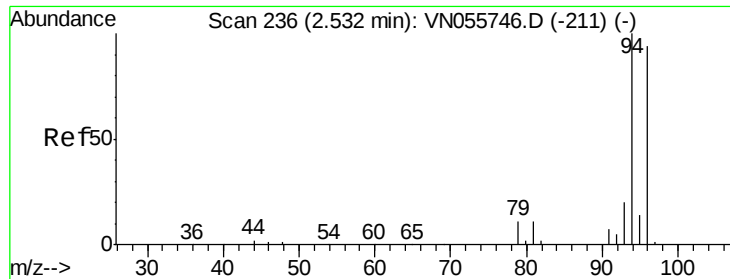
Tgt Ion: 62 Resp: 72305

Ion Ratio Lower Upper

62 100

64 31.4 25.6 38.4

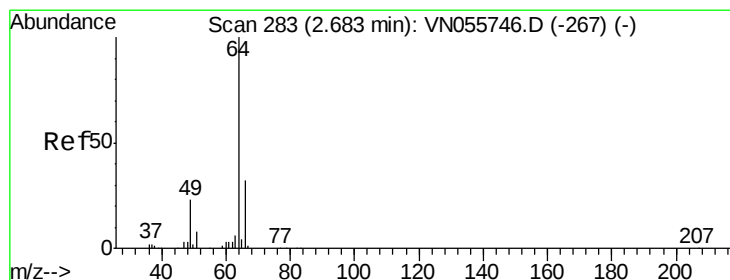
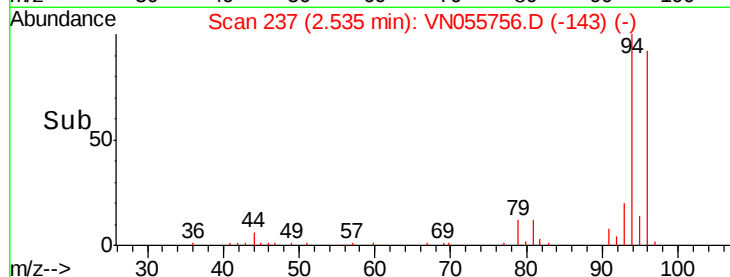
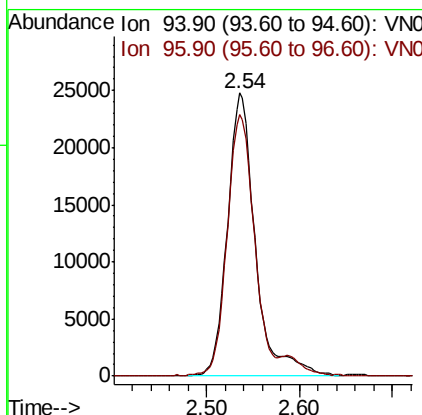
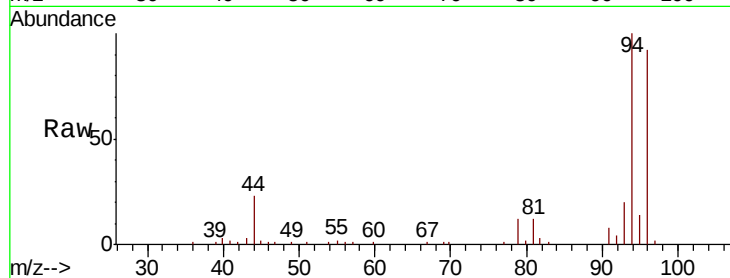




#5
Bromomethane
Concen: 21.298 ug/l
RT: 2.54 min Scan# 237
Delta R.T. 0.00 min
Lab File: VN055756.D
Acq: 23 May 2019 16:21

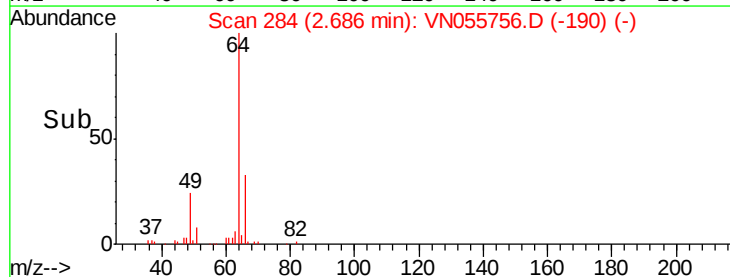
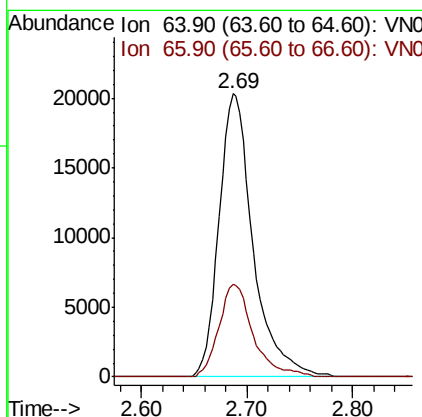
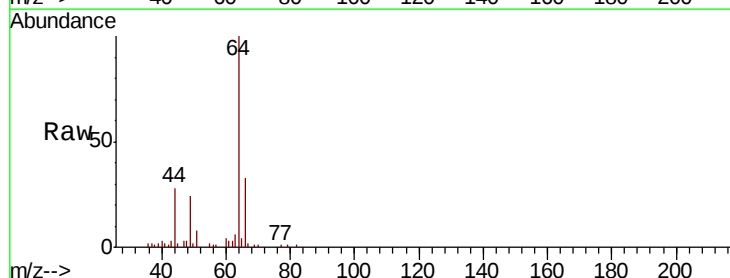
Instrument :
MSVOA_N
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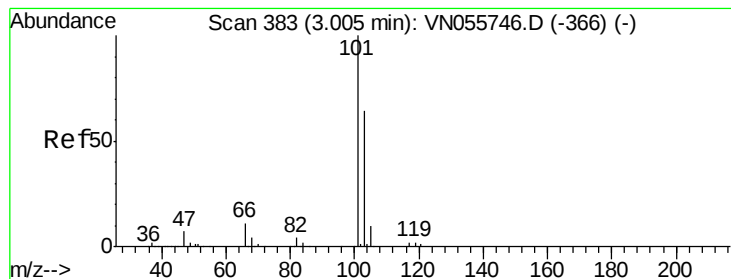
Tot Ion: 94 Resp: 51848
Ion Ratio Lower Upper
94 100
96 91.7 75.5 113.3



#6
Chloroethane
Concen: 19.403 ug/l
RT: 2.69 min Scan# 284
Delta R.T. 0.00 min
Lab File: VN055756.D
Acq: 23 May 2019 16:21

Tgt Ion: 64 Resp: 45458
Ion Ratio Lower Upper
64 100
66 32.7 25.4 38.0



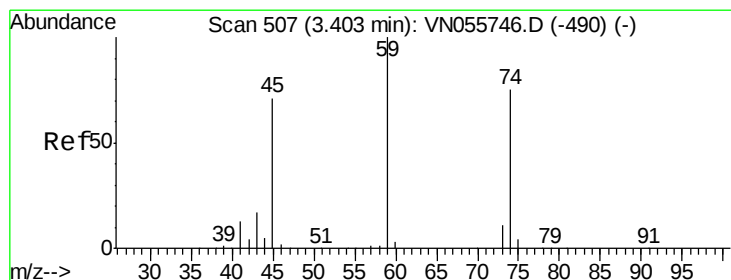
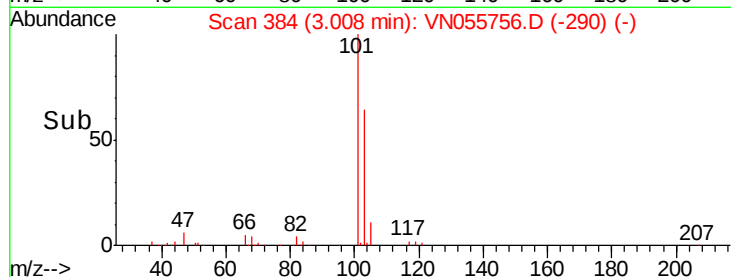
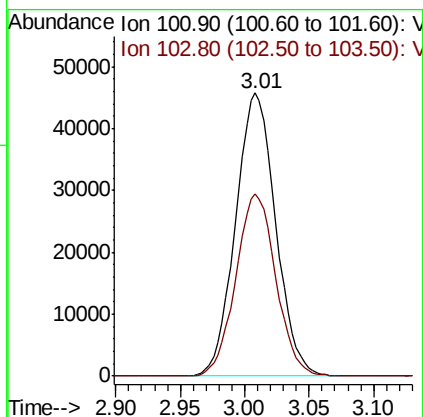
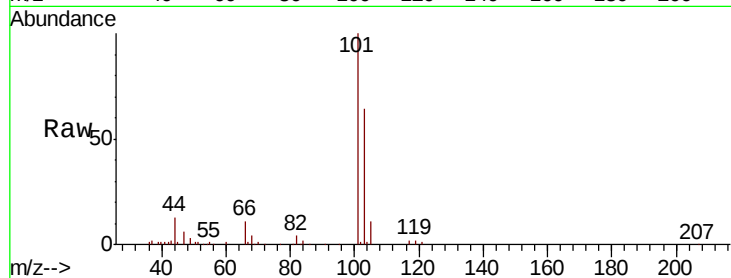


#7

Trichlorofluoromethane
 Concen: 19.388 ug/l
 RT: 3.01 min Scan# 384
 Delta R.T. 0.00 min
 Lab File: VN055756.D
 Acq: 23 May 2019 16:21

Instrument :
 MSVOA_N
 ClientSampled :
 VN0523WBS01

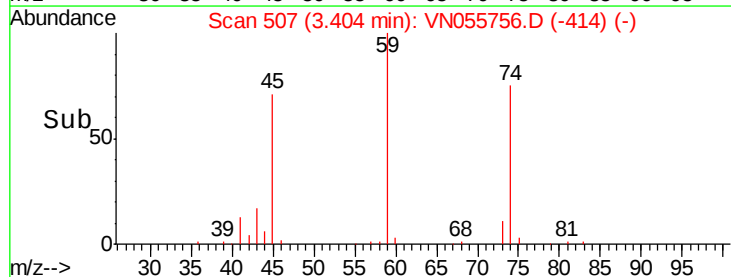
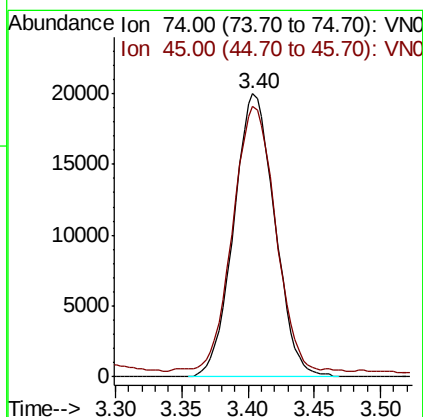
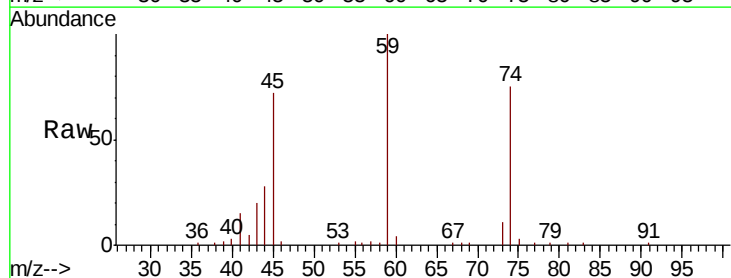
Tot Ion:101 Resp: 98909
 Ion Ratio Lower Upper
 101 100
 103 64.2 51.2 76.8

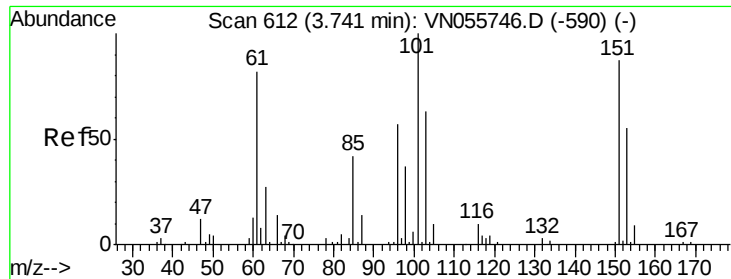


#8

Diethyl Ether
 Concen: 18.830 ug/l
 RT: 3.40 min Scan# 507
 Delta R.T. 0.00 min
 Lab File: VN055756.D
 Acq: 23 May 2019 16:21

Tgt Ion: 74 Resp: 43055
 Ion Ratio Lower Upper
 74 100
 45 97.3 48.6 145.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.082 ug/l

RT: 3.74 min Scan# 613

Delta R.T. 0.00 min

Lab File: VN055756.D

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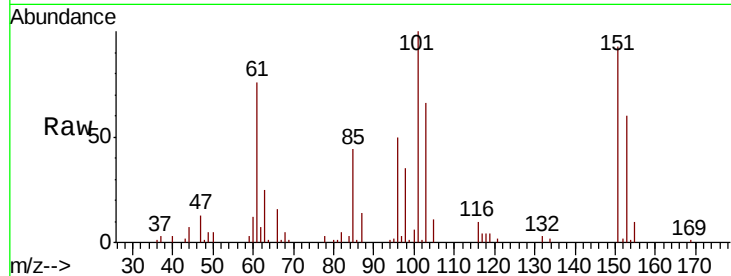
Tot Ion:101 Resp: 60770

Ion Ratio Lower Upper

101 100

85 42.6 33.4 50.2

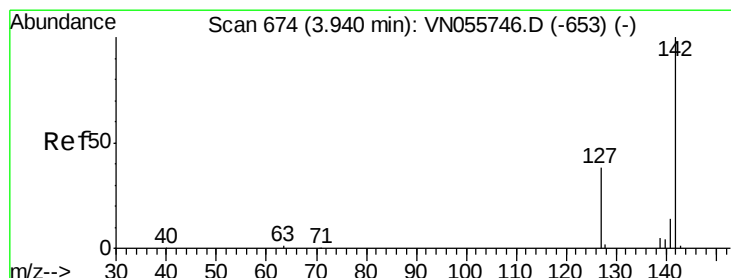
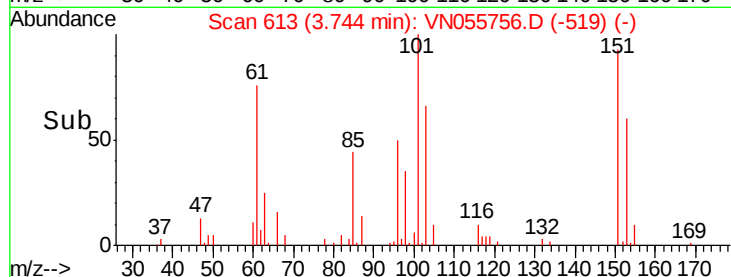
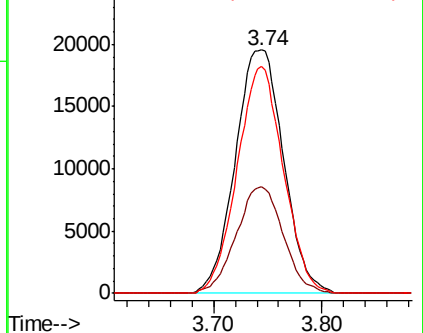
151 89.0 69.4 104.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.342 ug/l

RT: 3.94 min Scan# 674

Delta R.T. 0.00 min

Lab File: VN055756.D

Acq: 23 May 2019 16:21

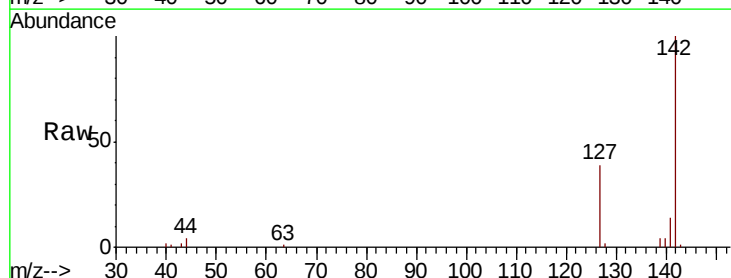
Tgt Ion:142 Resp: 90054

Ion Ratio Lower Upper

142 100

127 38.7 31.0 46.4

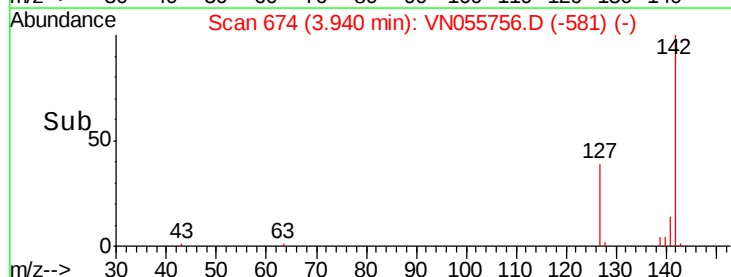
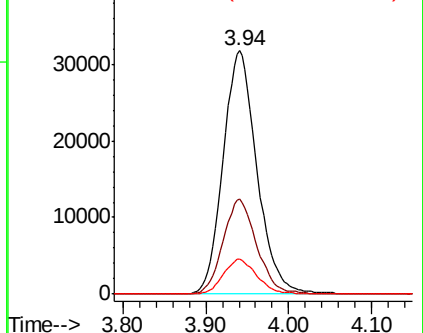
141 14.0 11.4 17.0

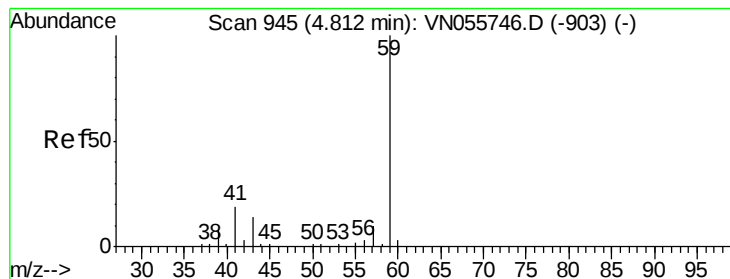


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



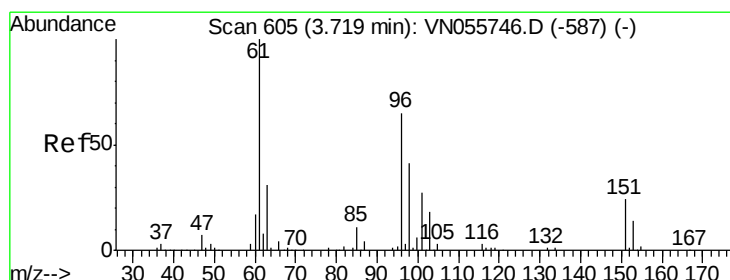
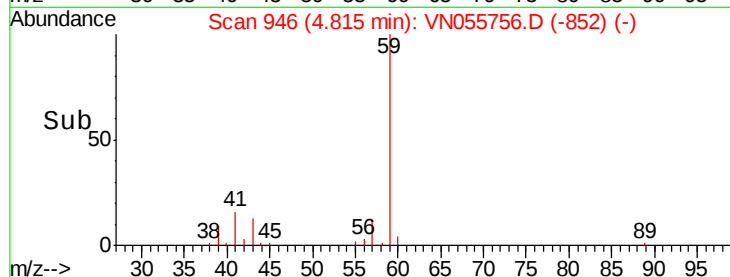
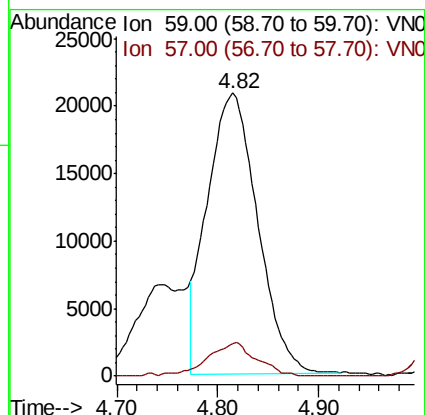
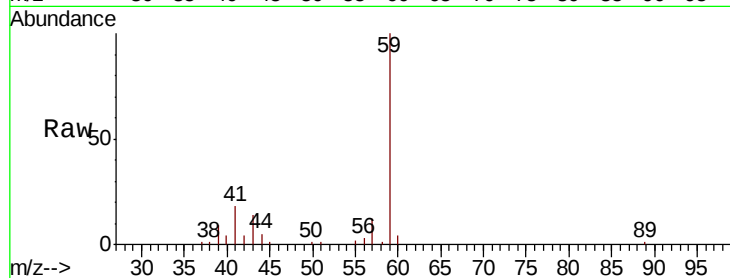


#11

Tert butyl alcohol
 Concen: 94.423 ug/l
 RT: 4.82 min Scan# 946
 Delta R.T. 0.00 min
 Lab File: VN055756.D
 Acq: 23 May 2019 16:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0523WBS01

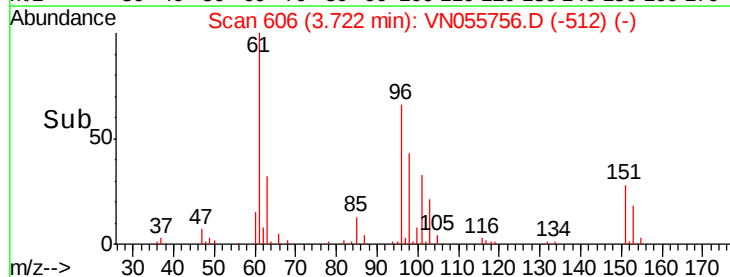
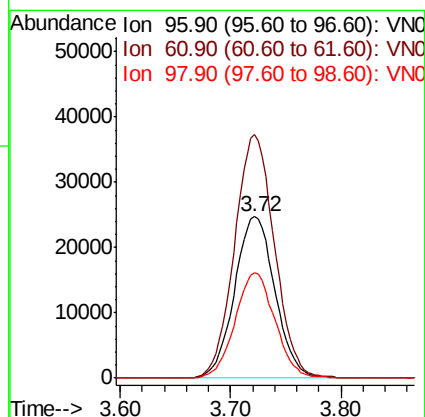
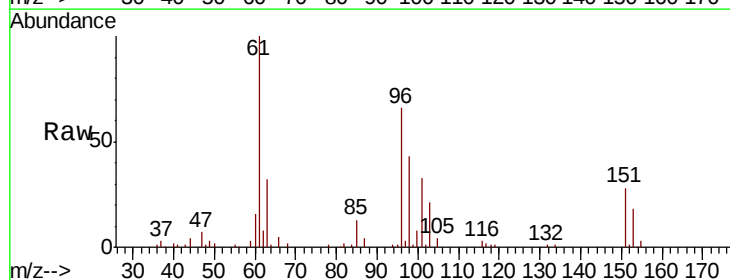
Tot Ion: 59 Resp: 72086
 Ion Ratio Lower Upper
 59 100
 57 11.6 7.8 11.6

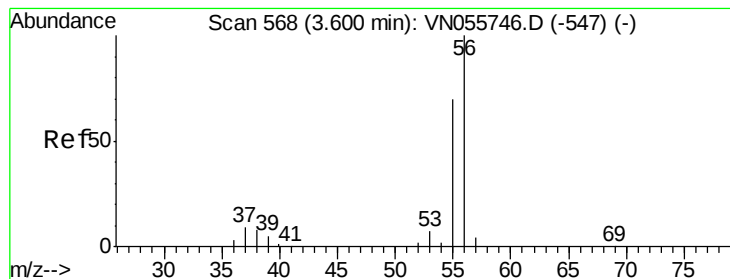


#12

1,1-Dichloroethene
 Concen: 19.059 ug/l
 RT: 3.72 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: VN055756.D
 Acq: 23 May 2019 16:21

Tgt Ion: 96 Resp: 62715
 Ion Ratio Lower Upper
 96 100
 61 150.7 123.2 184.8
 98 65.3 50.4 75.6





#13

Acrolein

Concen: 88.354 ug/l

RT: 3.60 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN055756.D

Acq: 23 May 2019 16:21

Instrument :

MSVOA_N

ClientSampleId :

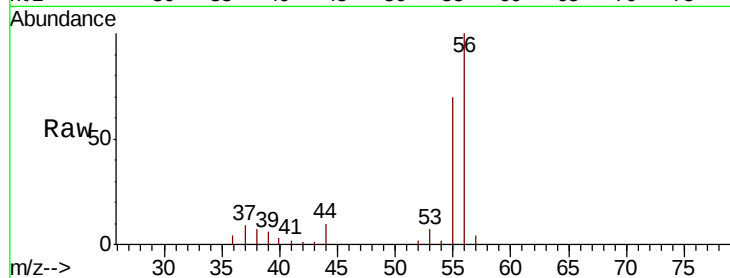
VN0523WBS01

Tot Ion: 56 Resp: 48299

Ion Ratio Lower Upper

56 100

55 70.7 55.4 83.2



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.60

20000

15000

10000

5000

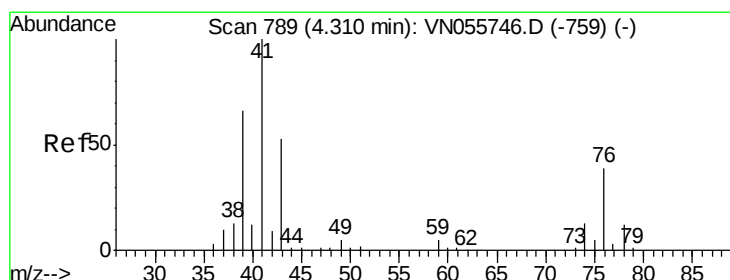
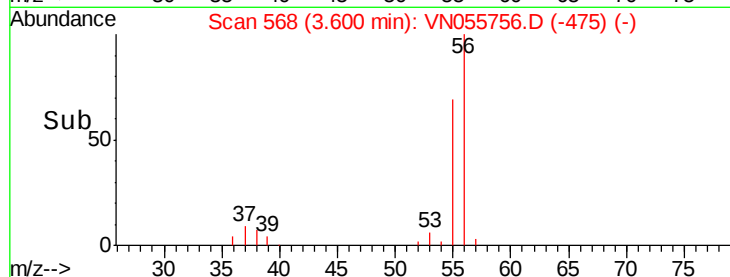
0

Time-->

3.50

3.60

3.70



#14

Allyl chloride

Concen: 18.540 ug/l

RT: 4.31 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN055756.D

Acq: 23 May 2019 16:21

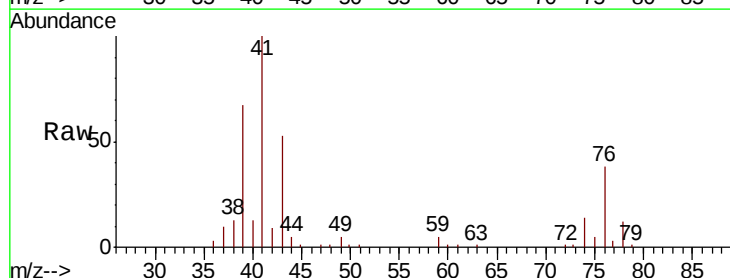
Tgt Ion: 41 Resp: 104581

Ion Ratio Lower Upper

41 100

39 64.4 50.0 75.0

76 36.0 28.2 42.2



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

4.31

40000

30000

20000

10000

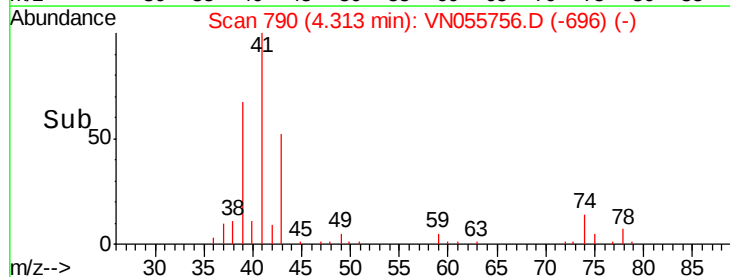
0

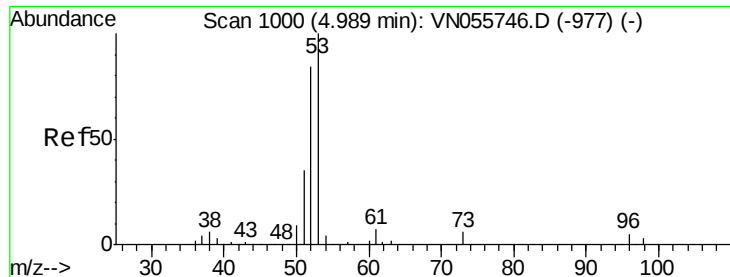
Time-->

4.20

4.30

4.40





#15

Acrylonitrile

Concen: 96.010 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN055756.D

Acq: 23 May 2019 16:21

Instrument :

MSVOA_N

ClientSampleId :

VN0523WBS01

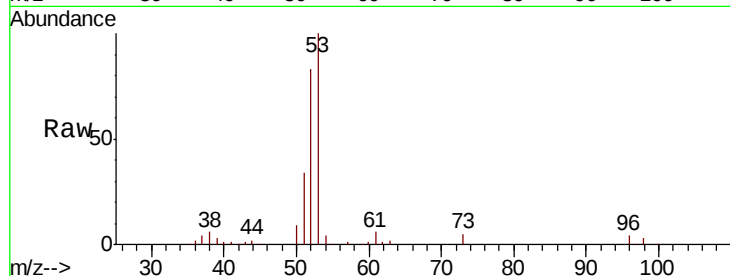
Tot Ion: 53 Resp: 168311

Ion Ratio Lower Upper

53 100

52 82.2 65.8 98.8

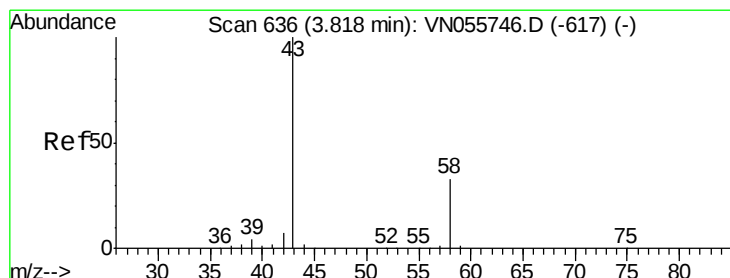
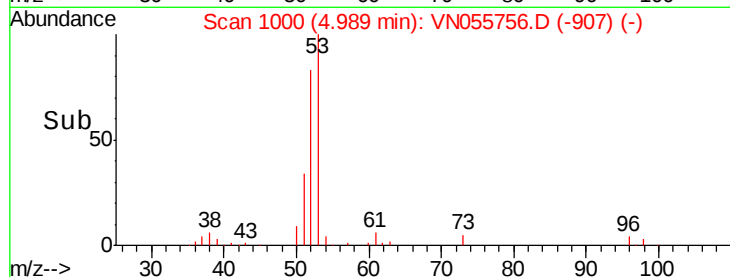
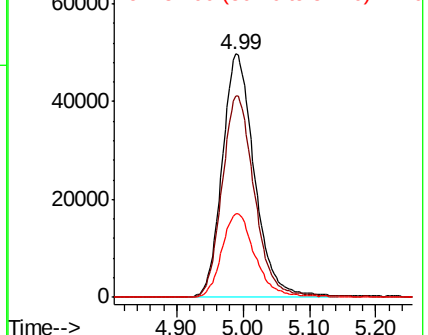
51 35.2 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 92.248 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN055756.D

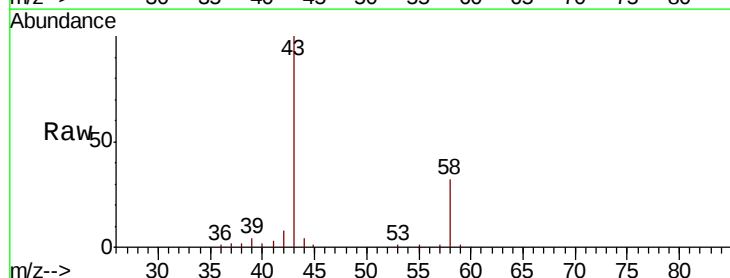
Acq: 23 May 2019 16:21

Tgt Ion: 43 Resp: 162025

Ion Ratio Lower Upper

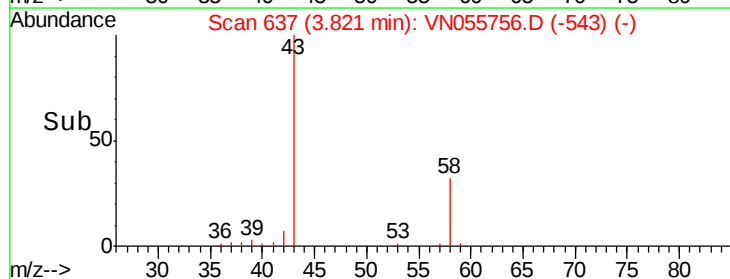
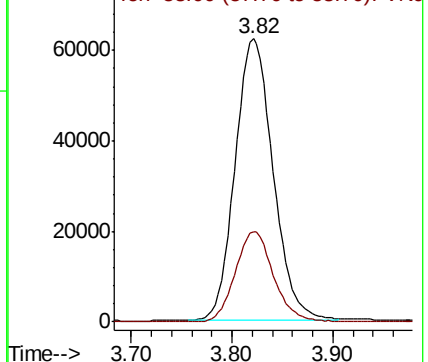
43 100

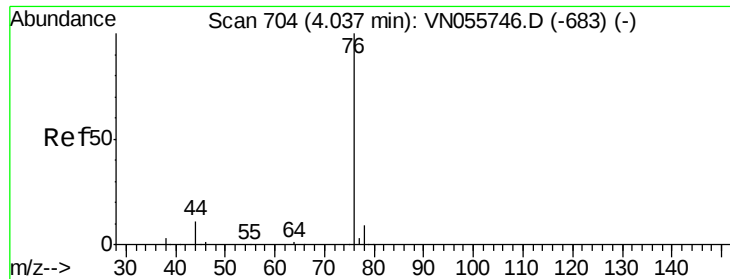
58 32.3 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

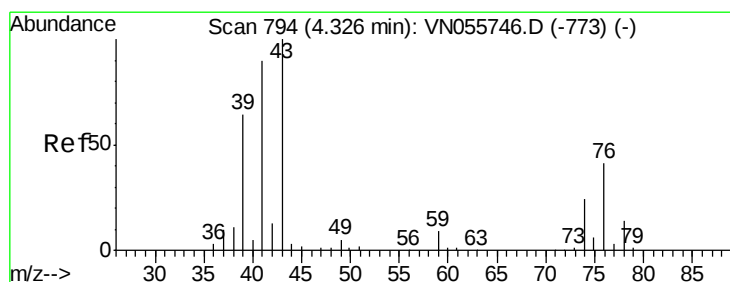
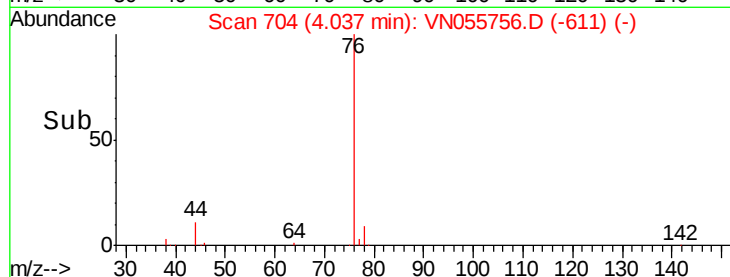
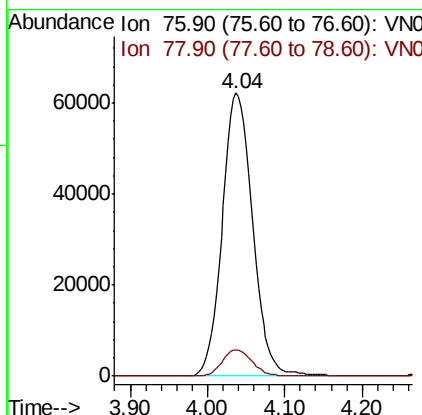
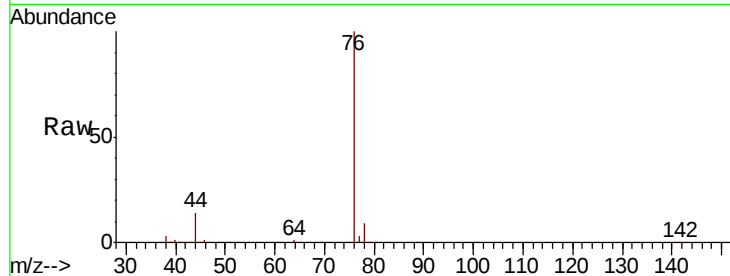




#17
Carbon Disulfide
Concen: 18.121 ug/l
RT: 4.04 min Scan# 704
Delta R.T. 0.00 min
Lab File: VN055756.D
Acq: 23 May 2019 16:21

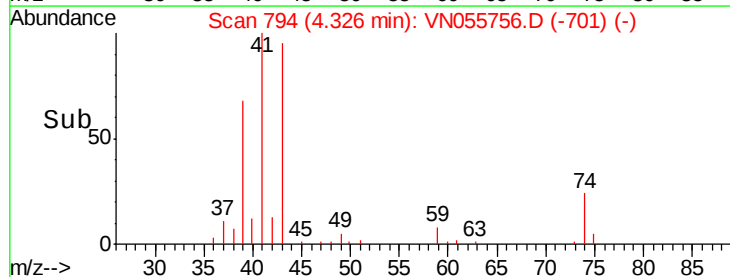
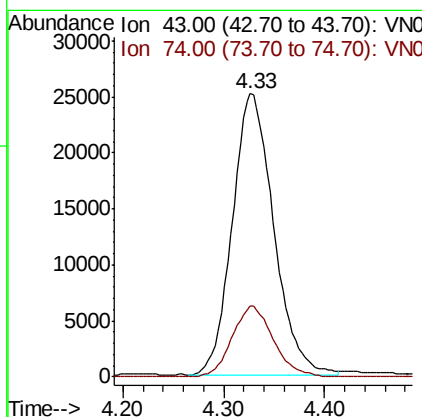
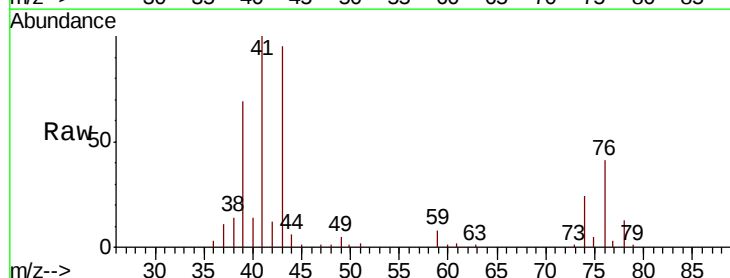
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBS01

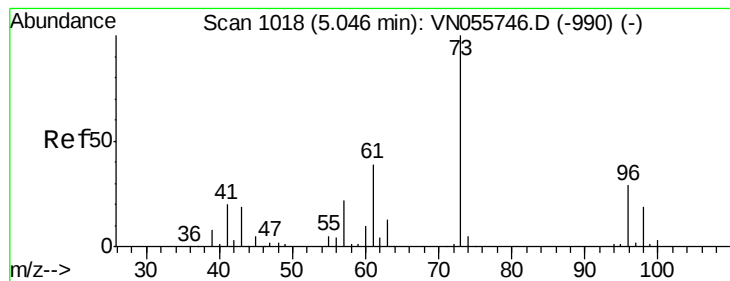
Tot Ion: 76 Resp: 169407
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.2



#18
Methyl Acetate
Concen: 19.283 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN055756.D
Acq: 23 May 2019 16:21

Tgt Ion: 43 Resp: 71628
Ion Ratio Lower Upper
43 100
74 24.9 19.3 28.9



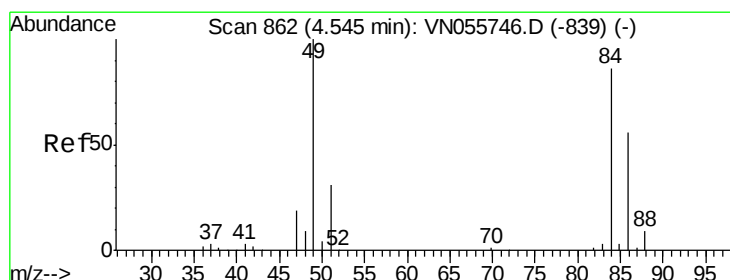
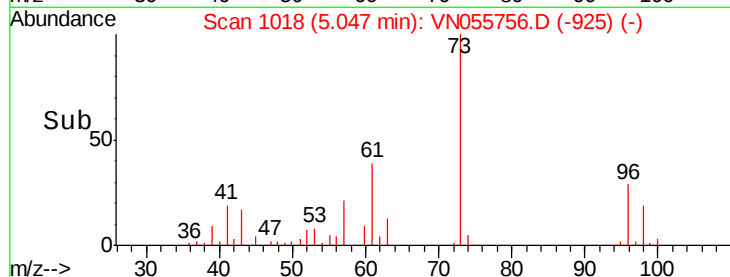
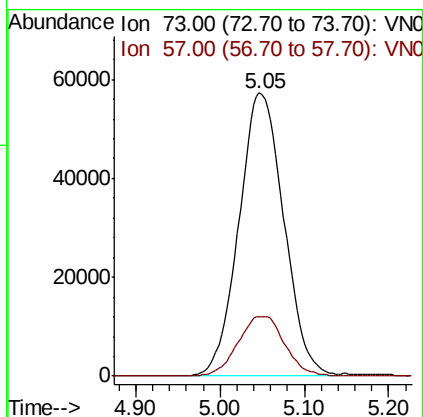
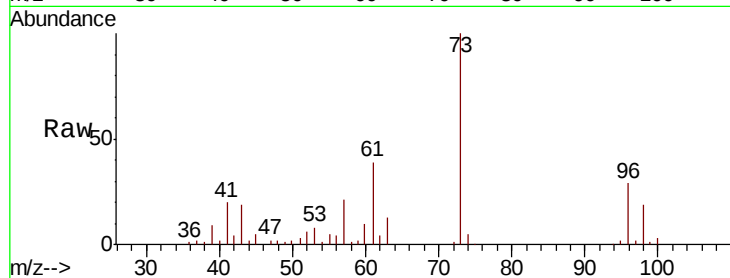


#19

Methvl tert-butvl Ether
 Concen: 19.326 ug/l
 RT: 5.05 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VN055756.D
 Acq: 23 May 2019 16:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0523WBS01

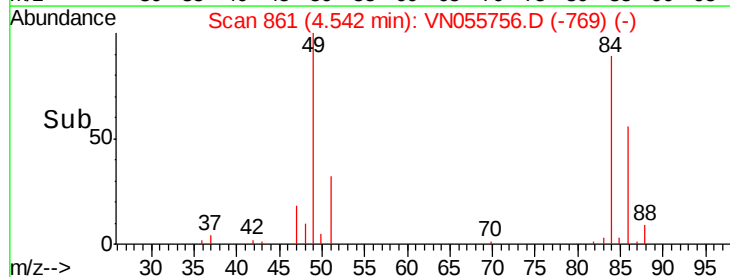
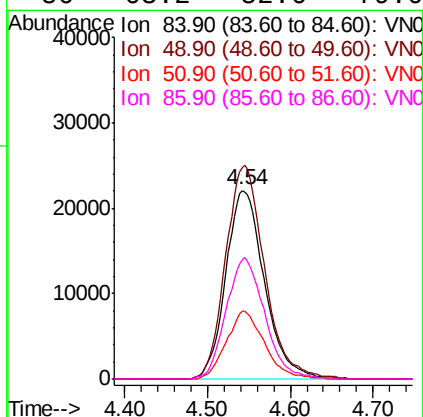
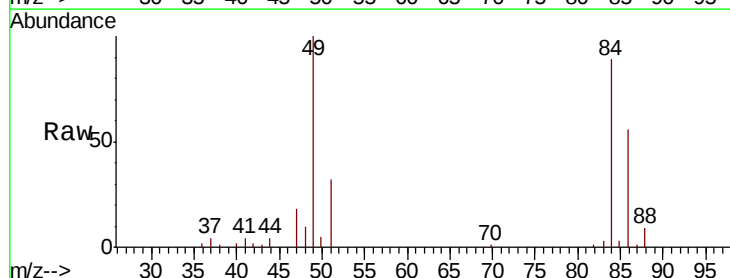
Tot Ion: 73 Resp: 212089
 Ion Ratio Lower Upper
 73 100
 57 21.1 17.8 26.8

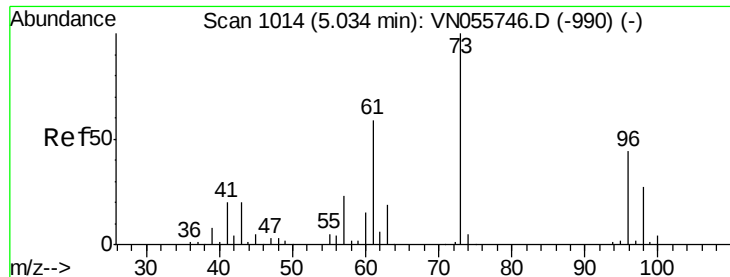


#20

Methylene Chloride
 Concen: 18.855 ug/l
 RT: 4.54 min Scan# 861
 Delta R.T. -0.00 min
 Lab File: VN055756.D
 Acq: 23 May 2019 16:21

Tgt Ion: 84 Resp: 71719
 Ion Ratio Lower Upper
 84 100
 49 112.1 93.5 140.3
 51 35.8 28.6 43.0
 86 63.2 52.6 79.0

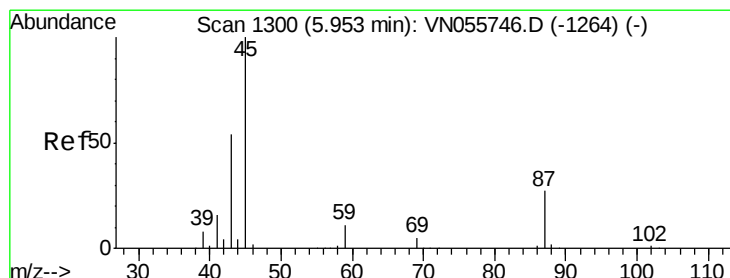
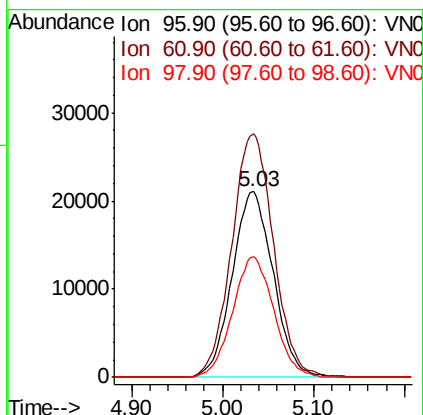
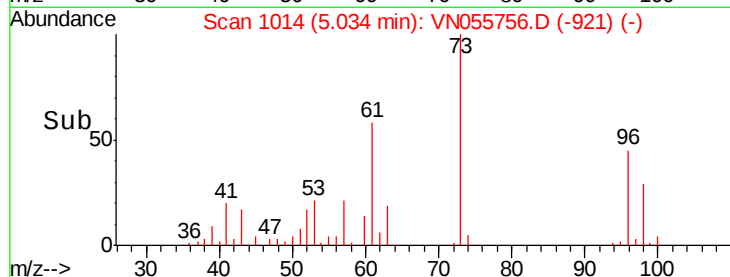
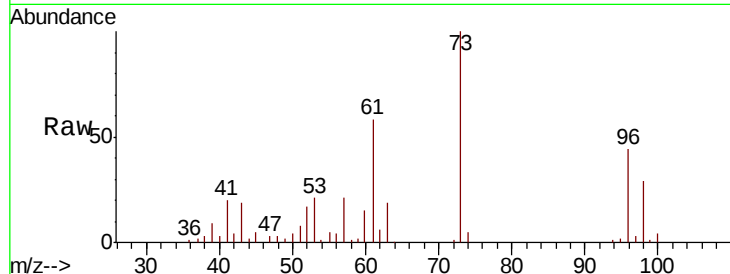




#21
trans-1,2-Dichloroethene
Concen: 18.675 ug/l
RT: 5.03 min Scan# 1014
Delta R.T. 0.00 min
Lab File: VN055756.D
Acq: 23 May 2019 16:21

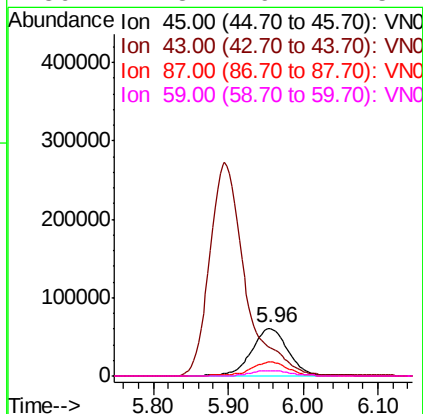
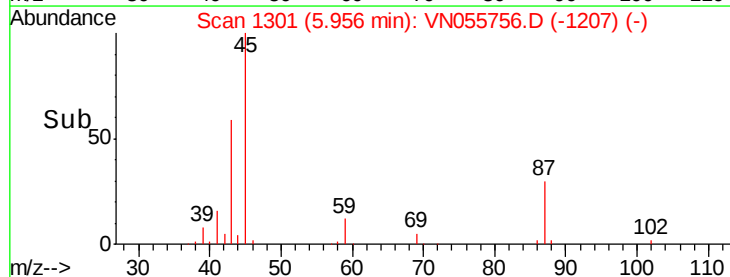
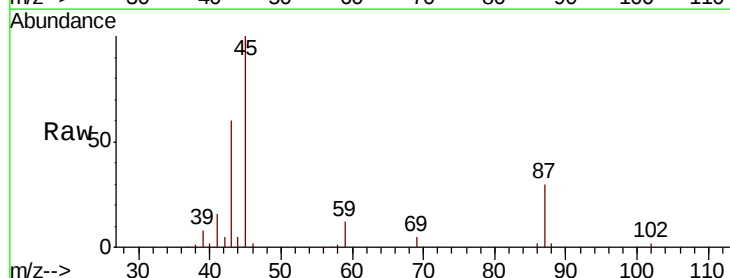
Instrument :
MSVOA_N
ClientSampled :
VN0523WBS01

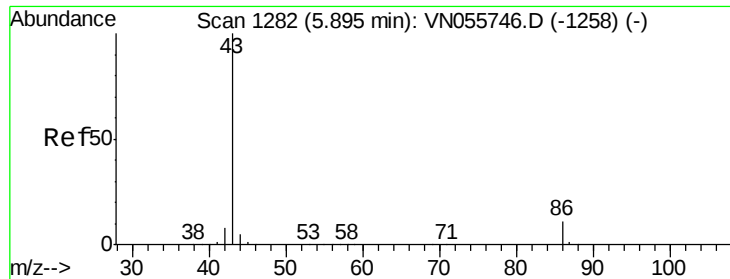
Tot Ion: 96 Resp: 66020
Ion Ratio Lower Upper
96 100
61 131.2 107.8 161.8
98 65.2 49.8 74.8



#22
Diisopropyl ether
Concen: 18.904 ug/l
RT: 5.96 min Scan# 1301
Delta R.T. 0.00 min
Lab File: VN055756.D
Acq: 23 May 2019 16:21

Tgt Ion: 45 Resp: 207405
Ion Ratio Lower Upper
45 100
43 57.3 45.0 67.6
87 29.5 22.2 33.4
59 11.8 9.1 13.7





#23

Vinyl Acetate

Concen: 95.865 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VN055756.D

Acq: 23 May 2019 16:21

Instrument :

MSVOA_N

ClientSampleID :

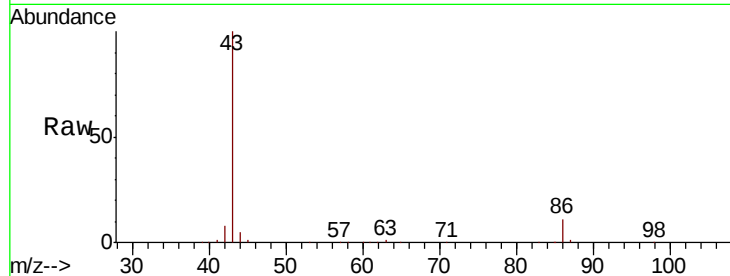
VN0523WBS01

Tot Ion: 43 Resp: 901784

Ion Ratio Lower Upper

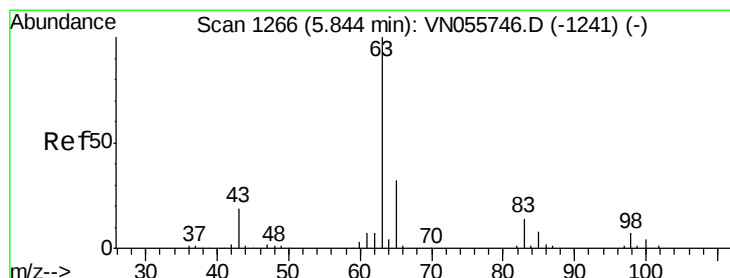
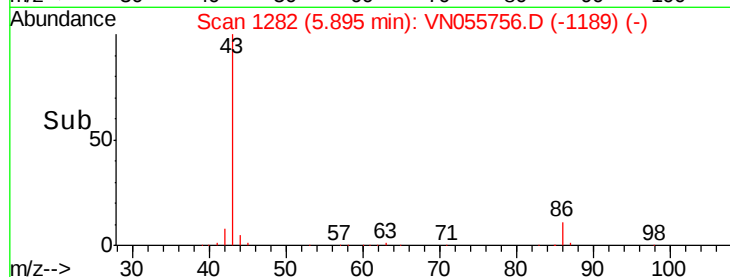
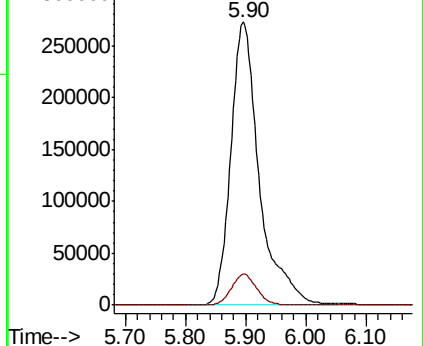
43 100

86 11.0 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 18.990 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. 0.00 min

Lab File: VN055756.D

Acq: 23 May 2019 16:21

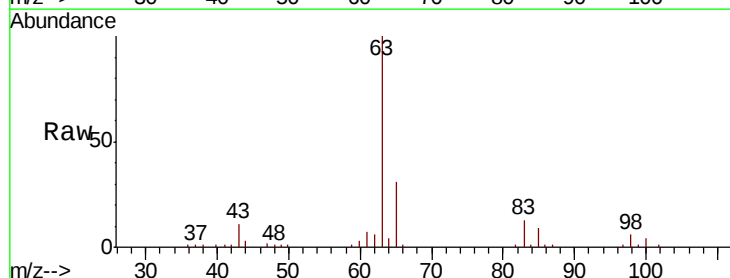
Tgt Ion: 63 Resp: 121304

Ion Ratio Lower Upper

63 100

98 6.3 3.4 10.1

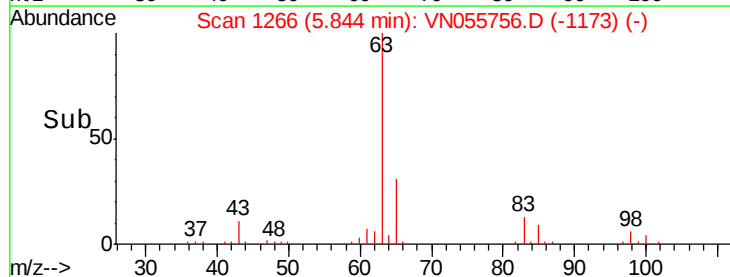
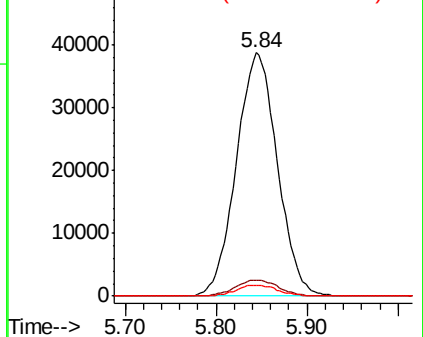
100 4.2 2.2 6.6

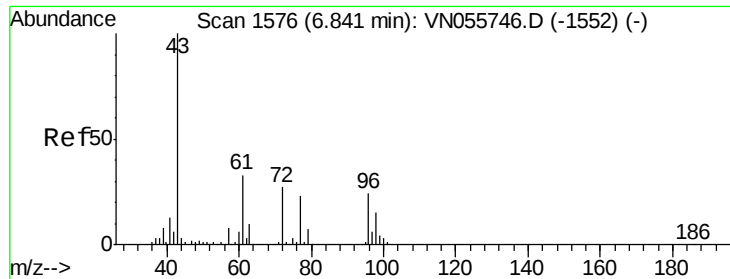


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

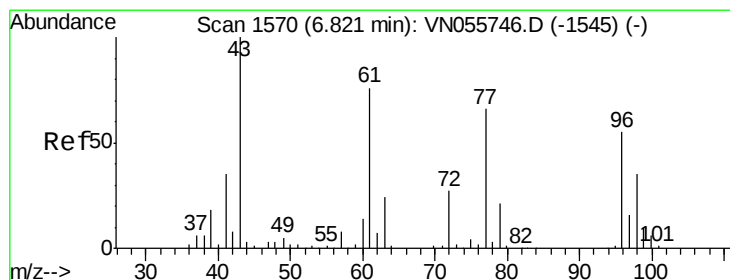
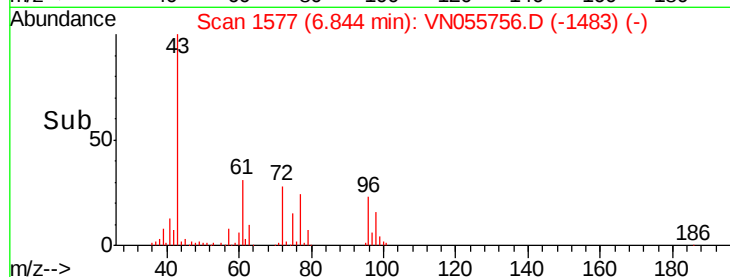
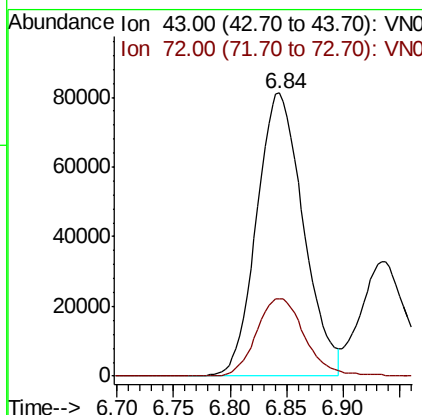
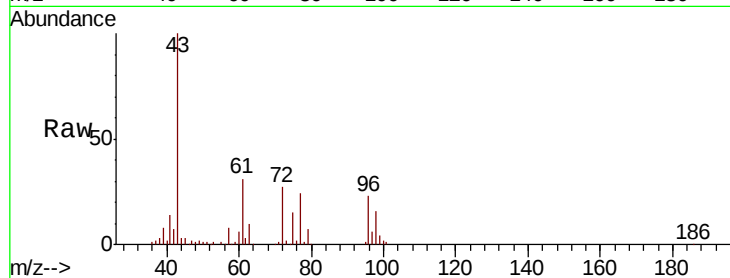




#25
2-Butanone
Concen: 94.461 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. 0.00 min
Lab File: VN055756.D
Acq: 23 May 2019 16:21

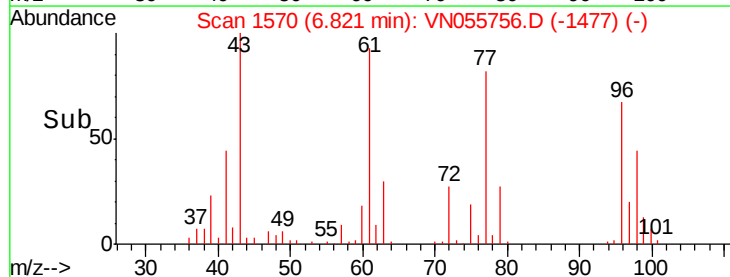
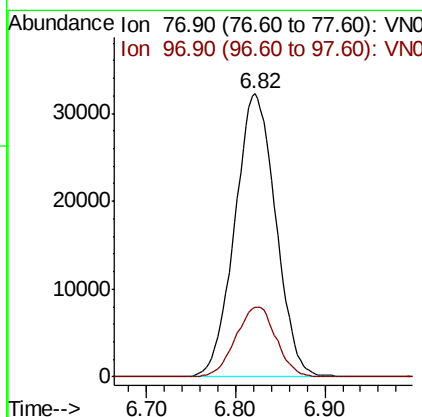
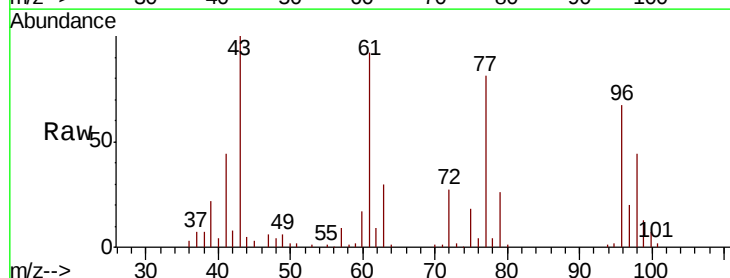
Instrument :
MSVOA_N
ClientSampled :
VN0523WBS01

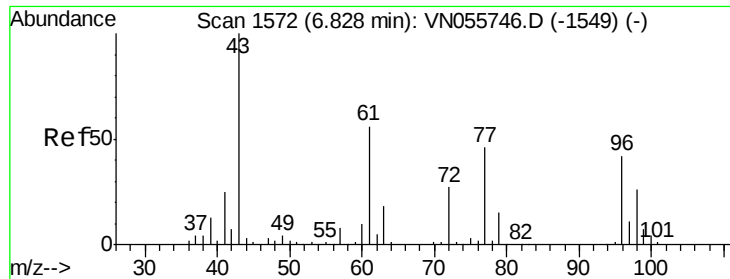
Tot Ion: 43 Resp: 231709
Ion Ratio Lower Upper
43 100
72 27.5 21.9 32.9



#26
2,2-Dichloropropane
Concen: 18.578 ug/l
RT: 6.82 min Scan# 1570
Delta R.T. 0.00 min
Lab File: VN055756.D
Acq: 23 May 2019 16:21

Tgt Ion: 77 Resp: 102707
Ion Ratio Lower Upper
77 100
97 24.4 12.2 36.6





#27

cis-1,2-Dichloroethene

Concen: 19.333 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. -0.00 min

Lab File: VN055756.D

Acq: 23 May 2019 16:21

Instrument :

MSVOA_N

ClientSampleId :

VN0523WBS01

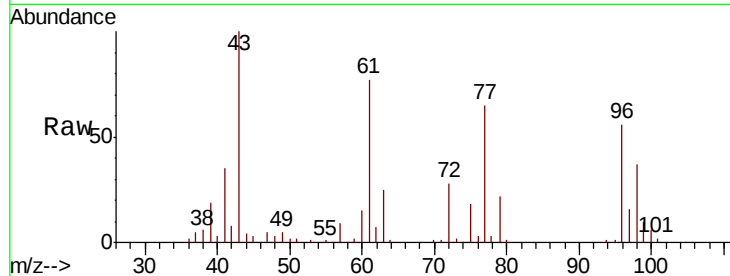
Tot Ion: 96 Resp: 79734

Ion Ratio Lower Upper

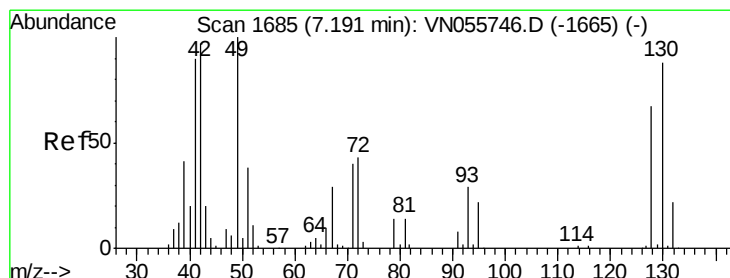
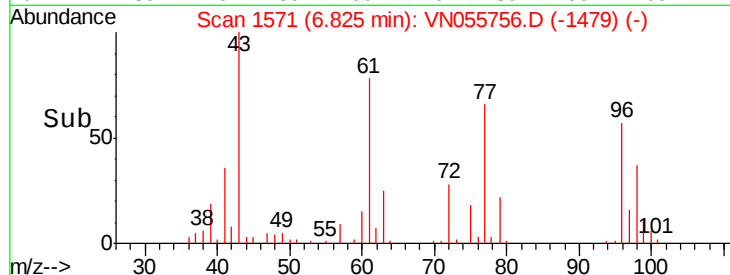
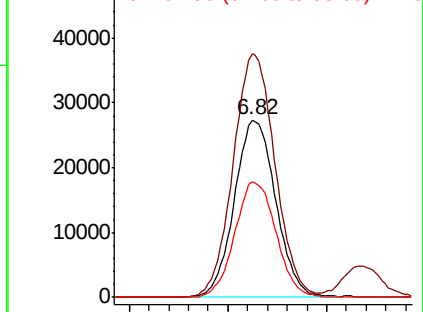
96 100

61 138.7 0.0 275.8

98 64.6 0.0 128.4



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



#28

Bromochloromethane

Concen: 19.991 ug/l

RT: 7.19 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VN055756.D

Acq: 23 May 2019 16:21

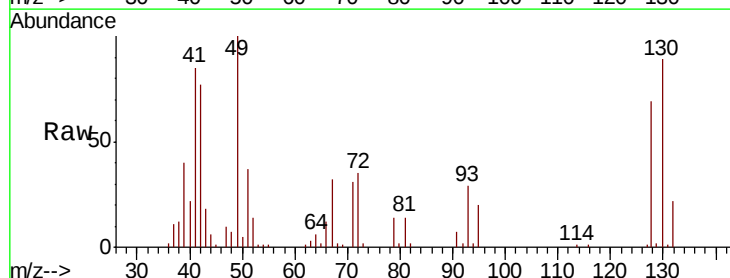
Tgt Ion: 49 Resp: 60800

Ion Ratio Lower Upper

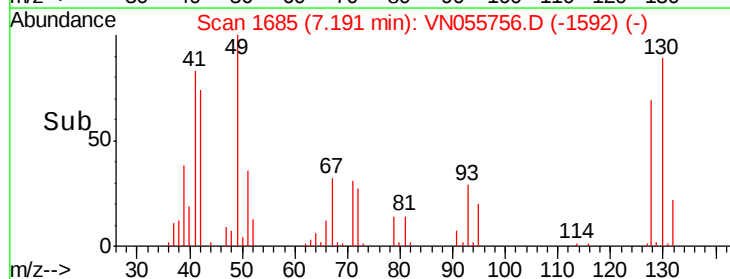
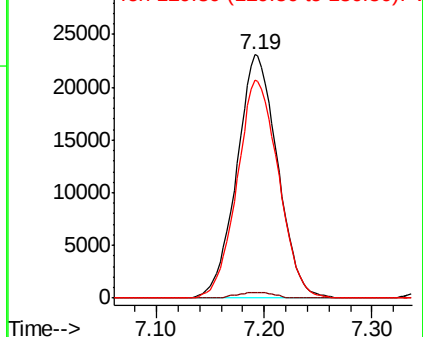
49 100

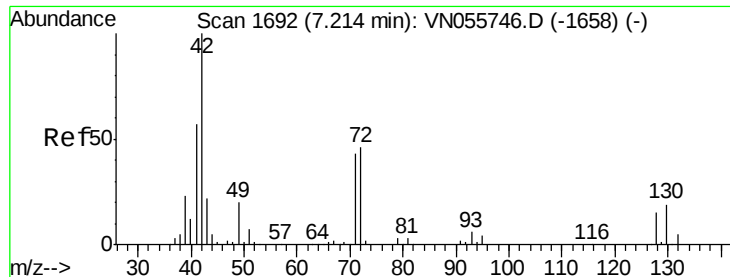
129 2.0 0.0 4.4

130 90.6 71.2 106.8



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

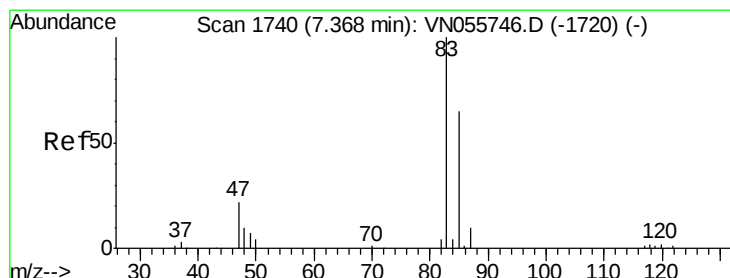
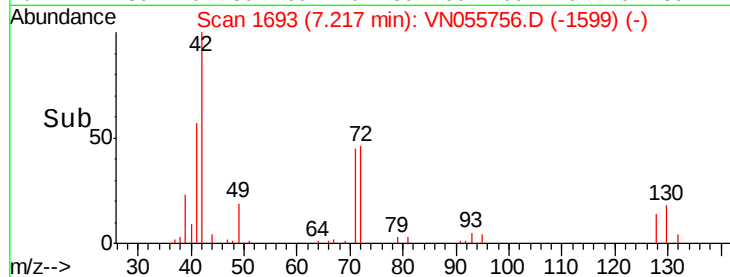
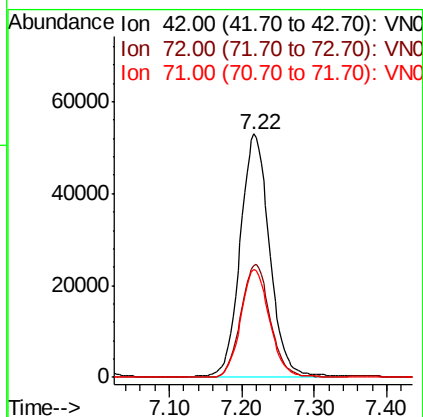
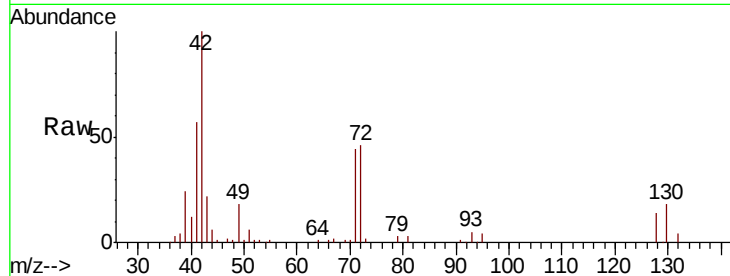




#29
Tetrahydrofuran
Concen: 96.612 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VN055756.D
Acq: 23 May 2019 16:21

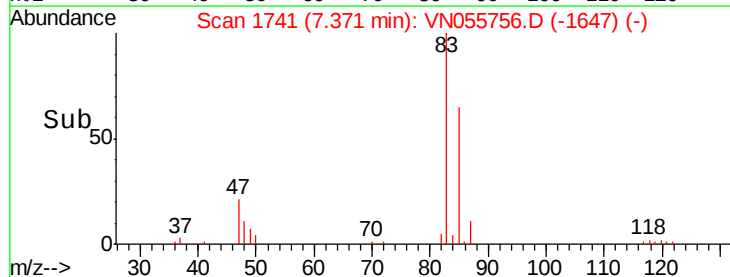
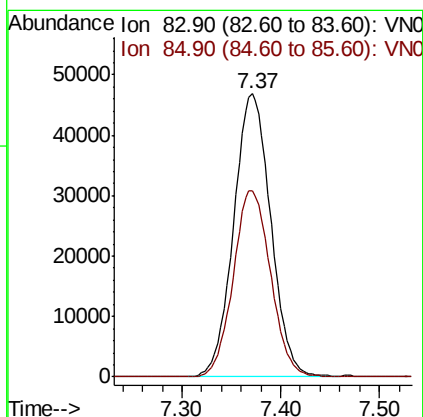
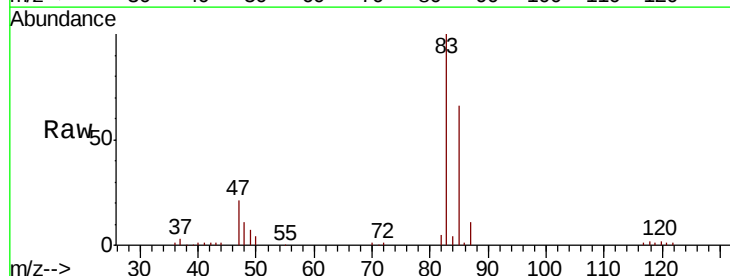
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBS01

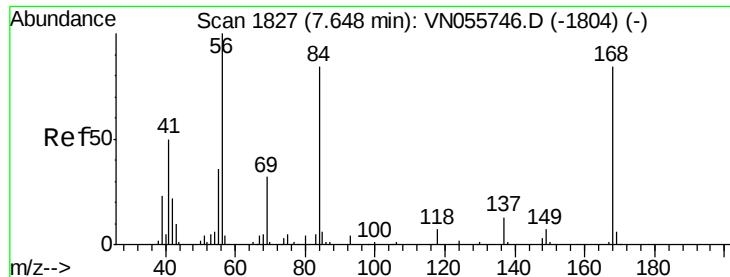
Tot Ion: 42 Resp: 150076
Ion Ratio Lower Upper
42 100
72 45.9 35.9 53.9
71 43.4 34.0 51.0



#30
Chloroform
Concen: 19.200 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN055756.D
Acq: 23 May 2019 16:21

Tgt Ion: 83 Resp: 122316
Ion Ratio Lower Upper
83 100
85 65.7 51.8 77.8

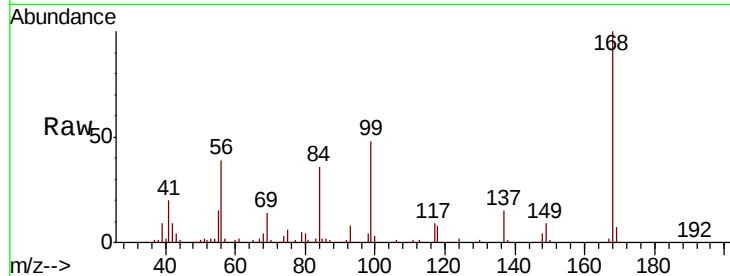




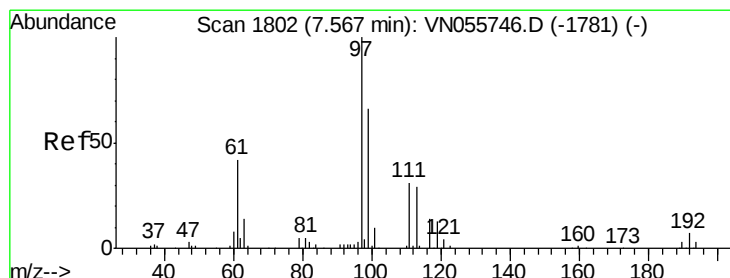
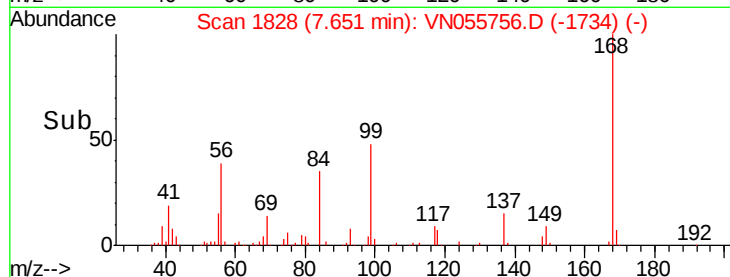
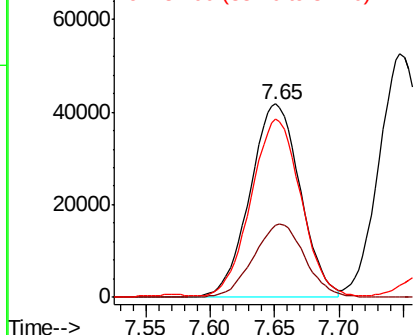
#31
Cyclohexane
Concen: 18.885 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN055756.D
Acq: 23 May 2019 16:21

Instrument :
MSVOA_N
ClientSampleId :
VN0523WBS01

Tot Ion: 56 Resp: 113263
Ion Ratio Lower Upper
56 100
69 37.2 25.6 38.4
84 91.6 67.4 101.0

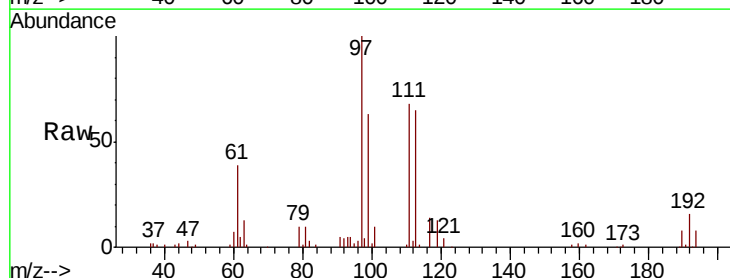


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

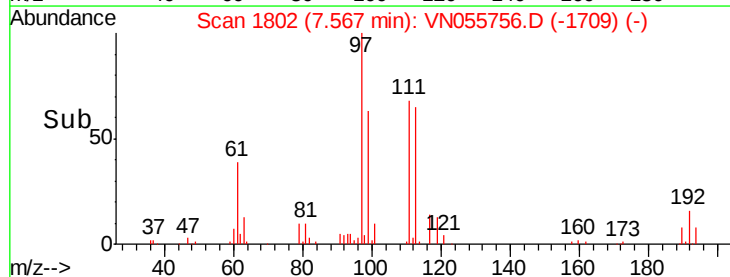
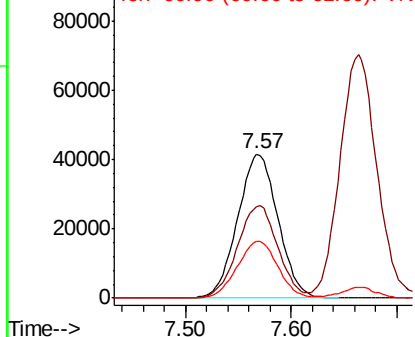


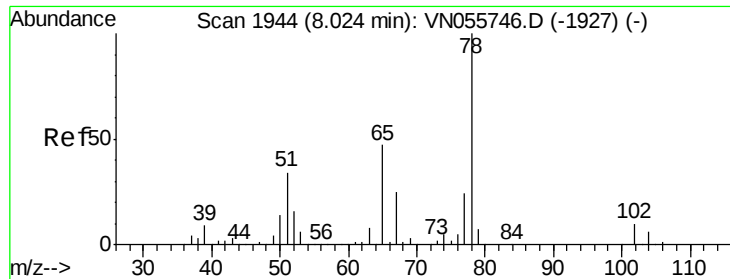
#32
1,1,1-Trichloroethane
Concen: 19.459 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VN055756.D
Acq: 23 May 2019 16:21

Tgt Ion: 97 Resp: 110622
Ion Ratio Lower Upper
97 100
99 64.2 52.0 78.0
61 39.7 32.9 49.3



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

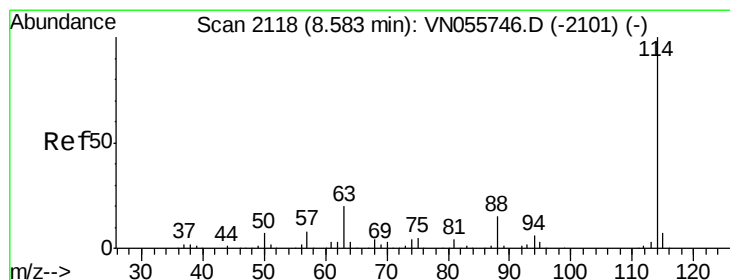
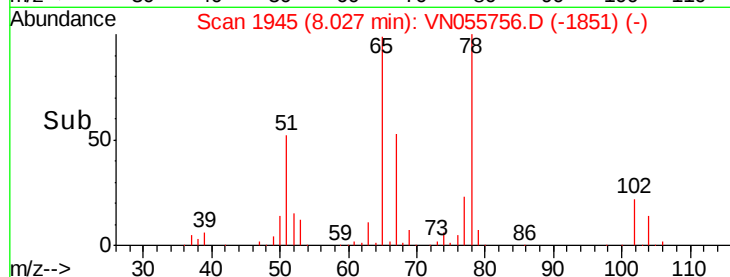
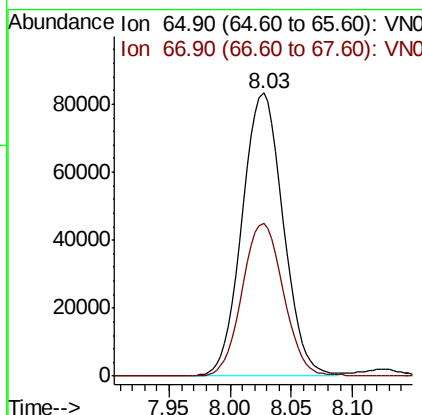
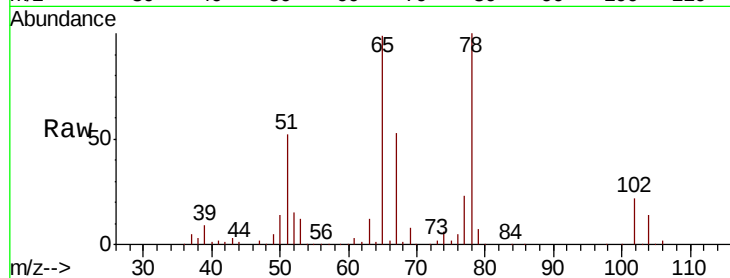




#33
 1,2-Dichloroethane-d4
 Concen: 48.669 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055756.D
 Acq: 23 May 2019 16:21

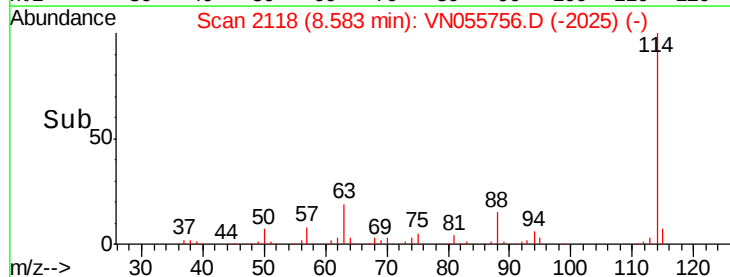
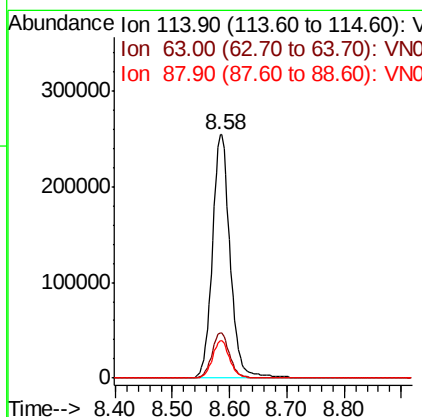
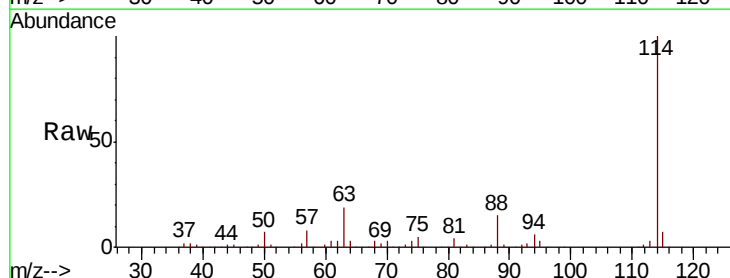
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0523WBS01

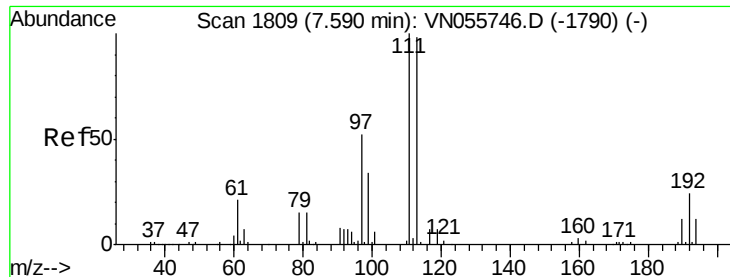
Tot Ion: 65 Resp: 194465
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN055756.D
 Acq: 23 May 2019 16:21

Tgt Ion: 114 Resp: 547403
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 39.2
 88 15.4 0.0 31.0

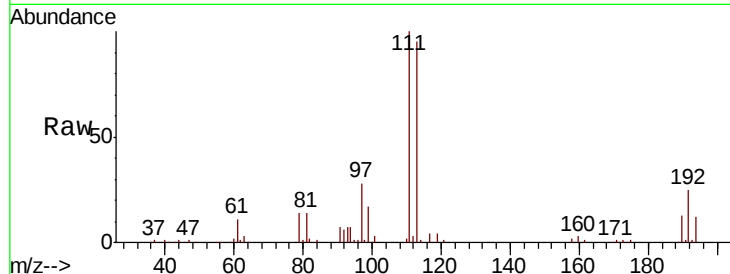




#35
 Dibromofluoromethane
 Concen: 49.979 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN055756.D
 Acq: 23 May 2019 16:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0523WBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.5	81.9	122.9
192	25.7	19.5	29.3

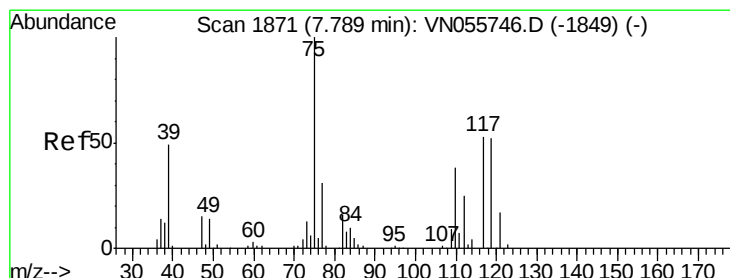
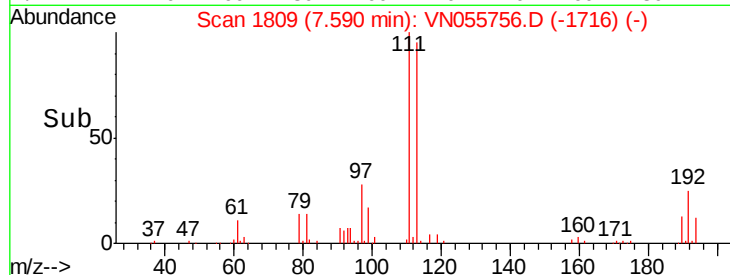
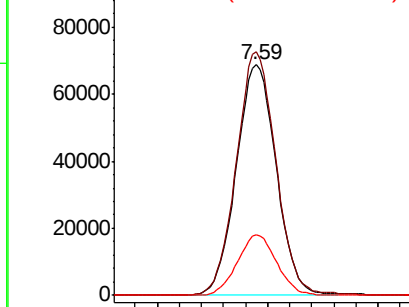


Abundance

Ion 112.80 (112.50 to 113.50): V

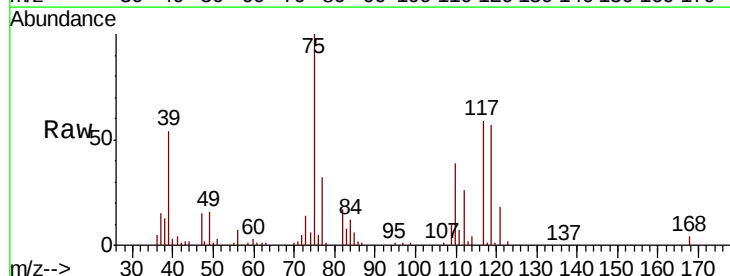
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 19.179 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: VN055756.D
 Acq: 23 May 2019 16:21

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.2	19.0	57.0
77	31.3	25.1	37.7

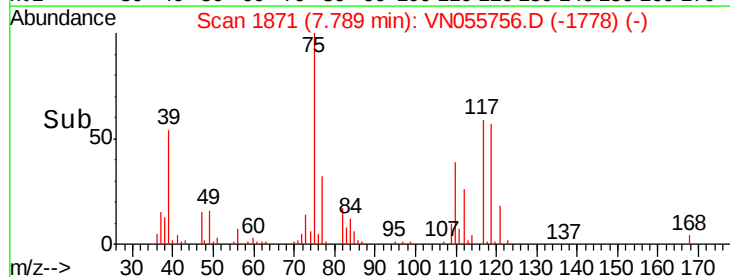
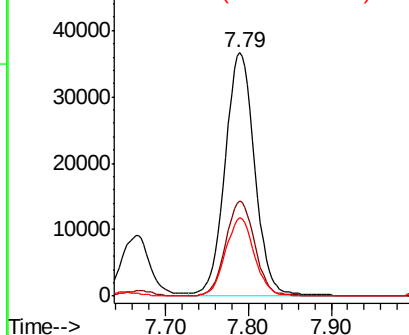


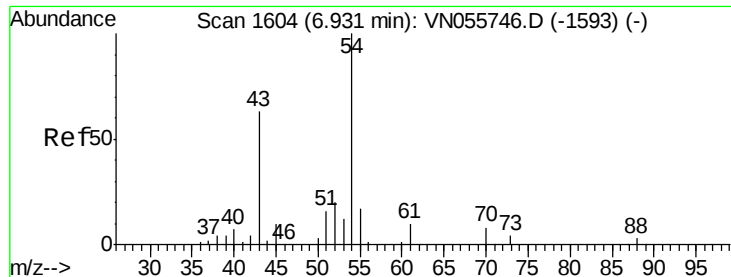
Abundance

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

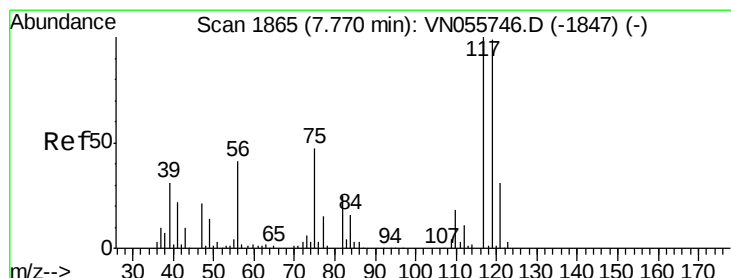
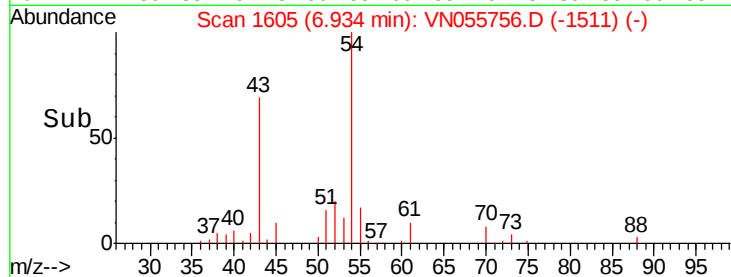
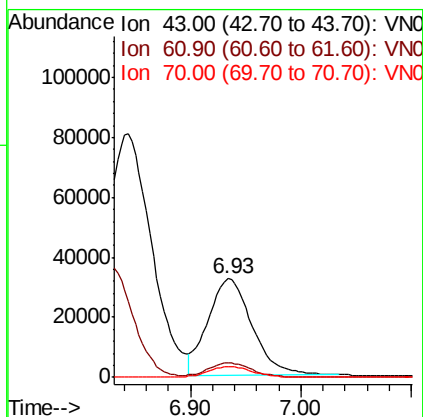
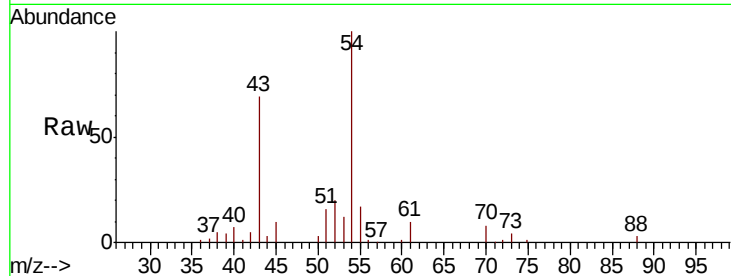




#37
Ethyl Acetate
Concen: 19.650 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VN055756.D
Acq: 23 May 2019 16:21

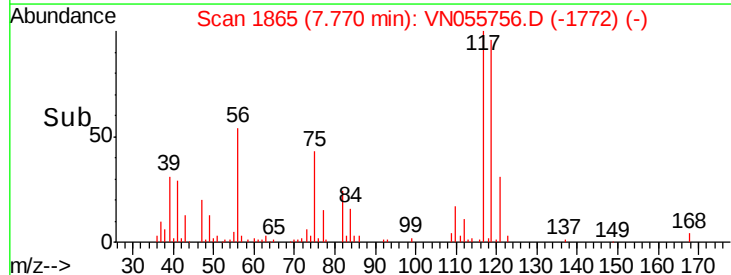
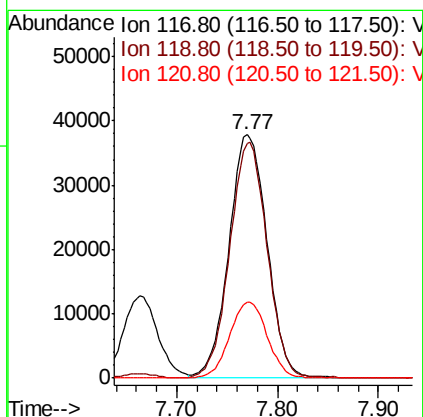
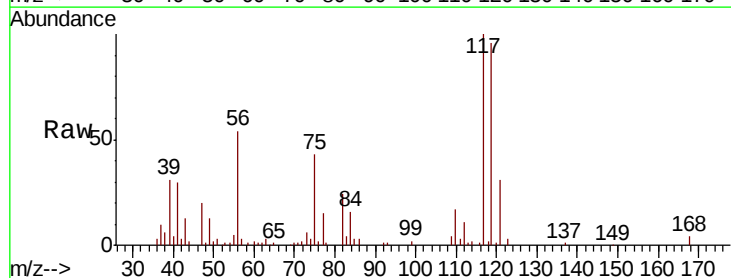
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBS01

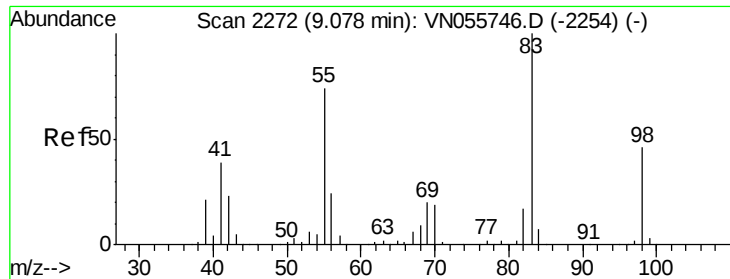
Tot Ion: 43 Resp: 90597
Ion Ratio Lower Upper
43 100
61 15.4 12.2 18.2
70 10.9 8.9 13.3



#38
Carbon Tetrachloride
Concen: 20.009 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN055756.D
Acq: 23 May 2019 16:21

Tgt Ion: 117 Resp: 99425
Ion Ratio Lower Upper
117 100
119 96.3 79.0 118.6
121 31.0 24.7 37.1

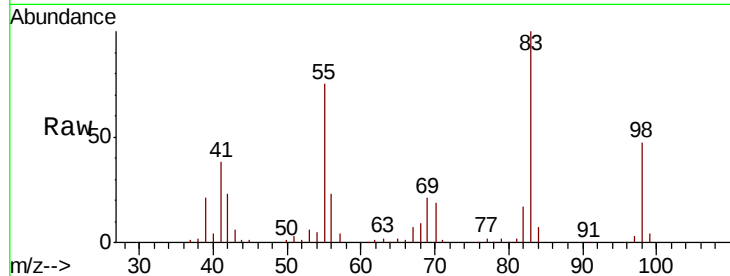




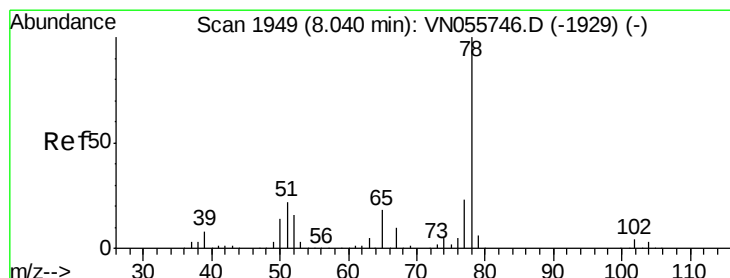
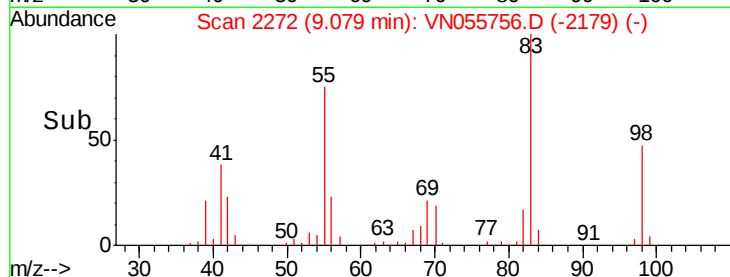
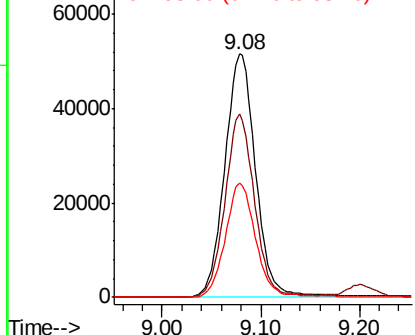
#39
Methvlcvclohexane
Concen: 19.069 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN055756.D
Acq: 23 May 2019 16:21

Instrument :
MSVOA_N
ClientSampleId :
VN0523WBS01

Tot Ion: 83 Resp: 112647
Ion Ratio Lower Upper
83 100
55 75.2 59.3 88.9
98 46.9 36.6 54.8

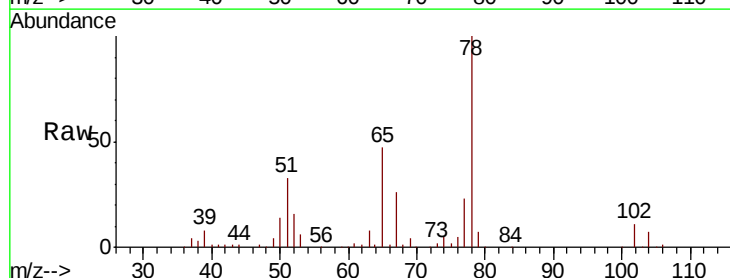


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

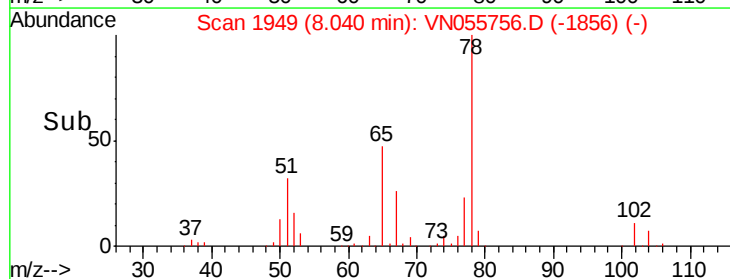
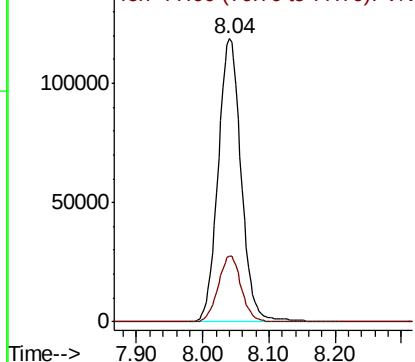


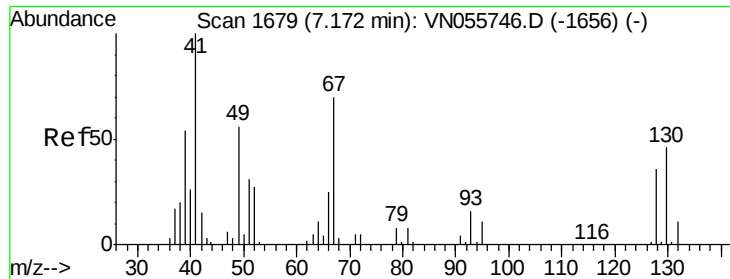
#40
Benzene
Concen: 19.898 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN055756.D
Acq: 23 May 2019 16:21

Tgt Ion: 78 Resp: 286072
Ion Ratio Lower Upper
78 100
77 23.4 18.8 28.2



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

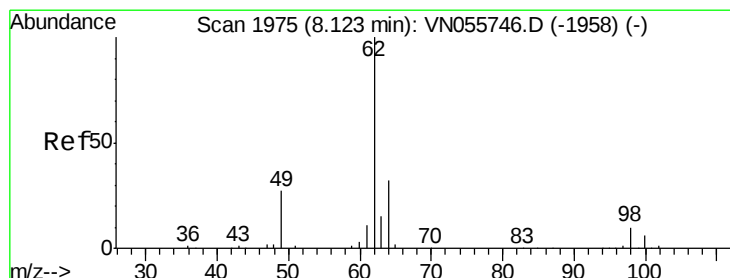
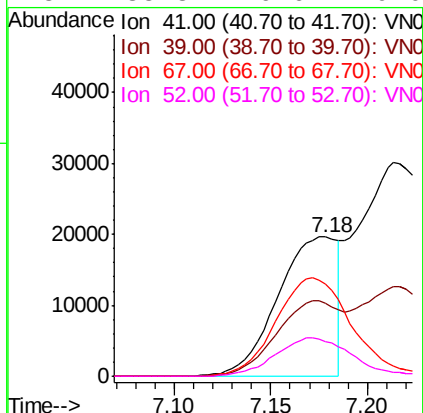
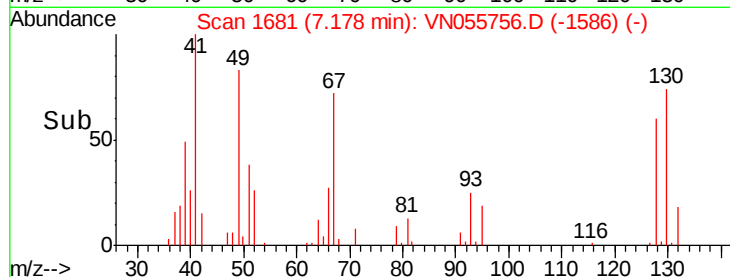
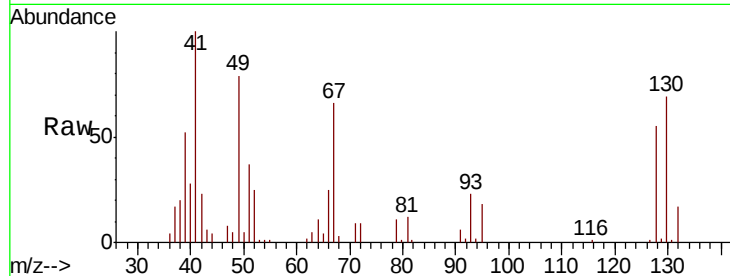




#41
Methacrylonitrile
Concen: 18.078 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VN055756.D
Acq: 23 May 2019 16:21

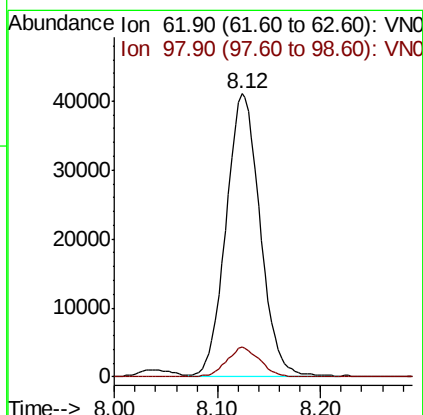
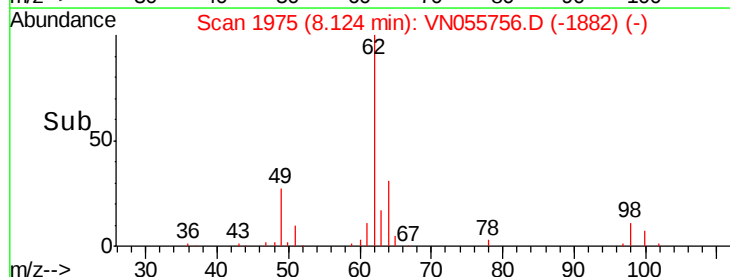
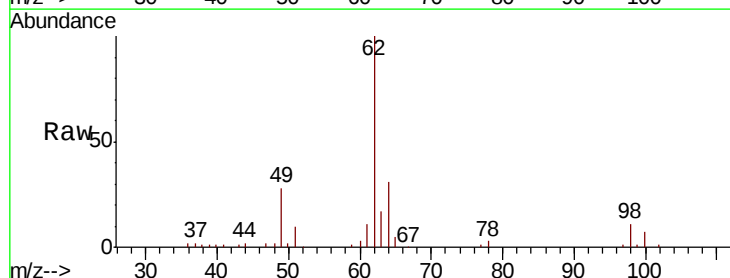
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBS01

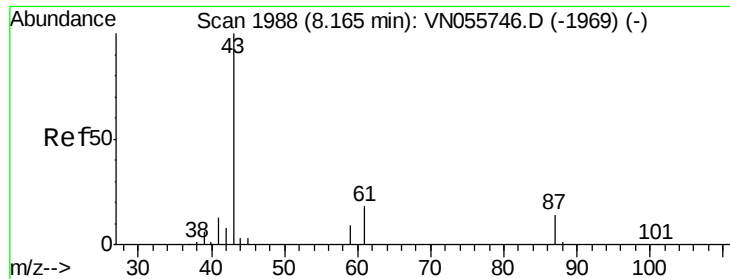
Tot Ion: 41 Resp: 42108
Ion Ratio Lower Upper
41 100
39 58.2 45.6 68.4
67 89.9 67.7 101.5
52 35.8 26.6 40.0



#42
1,2-Dichloroethane
Concen: 20.168 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN055756.D
Acq: 23 May 2019 16:21

Tgt Ion: 62 Resp: 94748
Ion Ratio Lower Upper
62 100
98 10.2 0.0 20.2





#43

Isopropyl Acetate

Concen: 19.220 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN055756.D

Acq: 23 May 2019 16:21

Instrument :

MSVOA_N

ClientSampleId :

VN0523WBS01

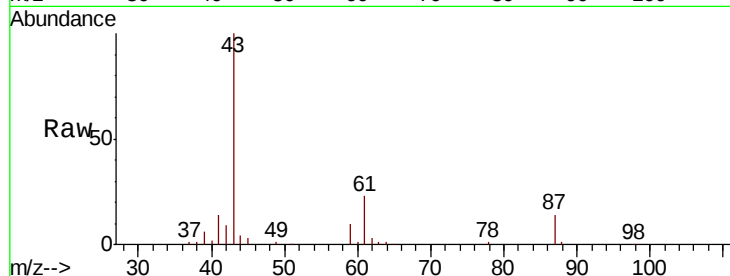
Tot Ion: 43 Resp: 148887

Ion Ratio Lower Upper

43 100

61 28.2 22.2 33.4

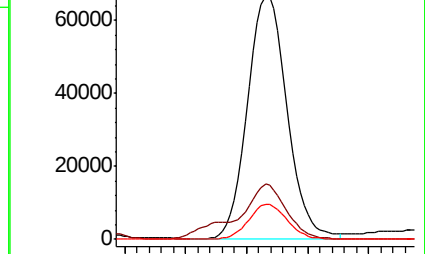
87 14.2 11.4 17.2



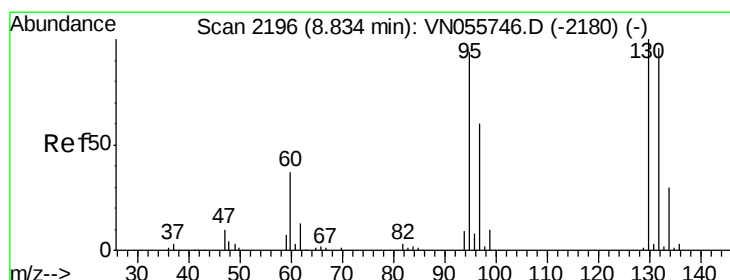
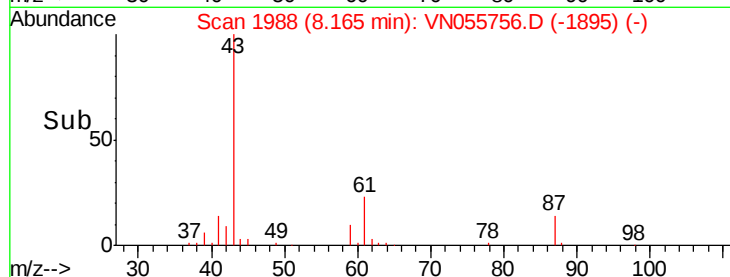
Abundance Ion 43.00 (42.70 to 43.70): VN055746.D (-1969) (-)

Ion 61.00 (60.70 to 61.70): VN055746.D (-1969) (-)

Ion 87.00 (86.70 to 87.70): VN055746.D (-1969) (-)



Time-->



#44

Trichloroethene

Concen: 20.389 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN055756.D

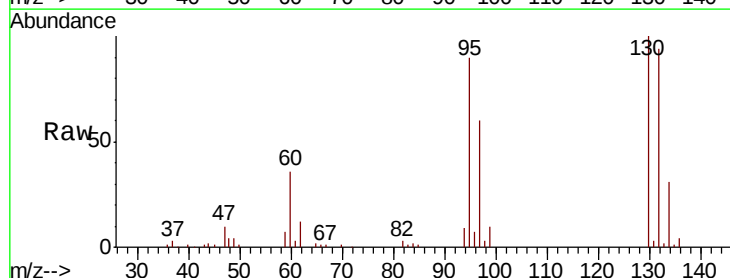
Acq: 23 May 2019 16:21

Tgt Ion:130 Resp: 81719

Ion Ratio Lower Upper

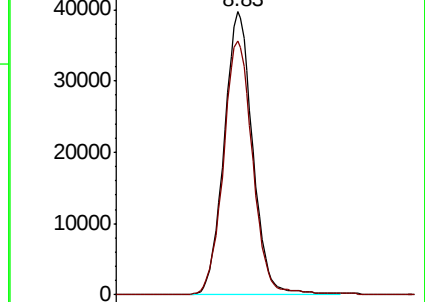
130 100

95 89.9 0.0 188.0

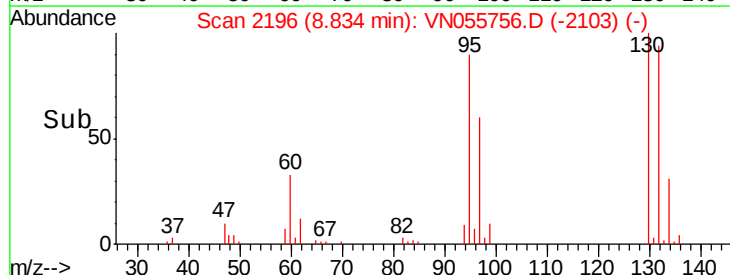


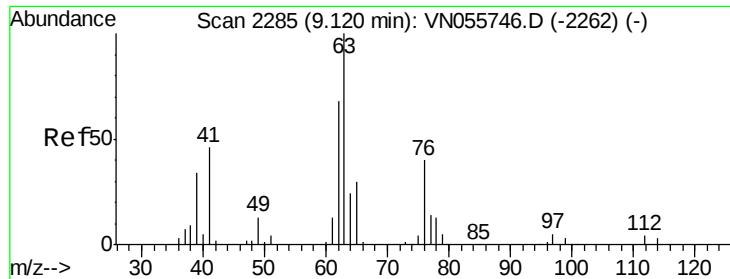
Abundance Ion 129.80 (129.50 to 130.50): VN055746.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN055746.D (-2180) (-)



Time-->

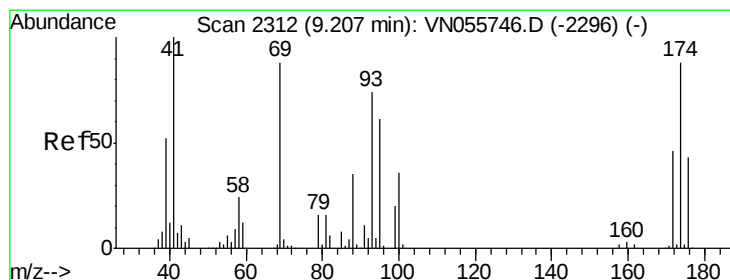
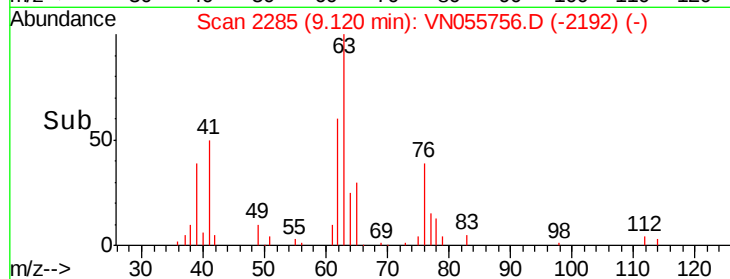
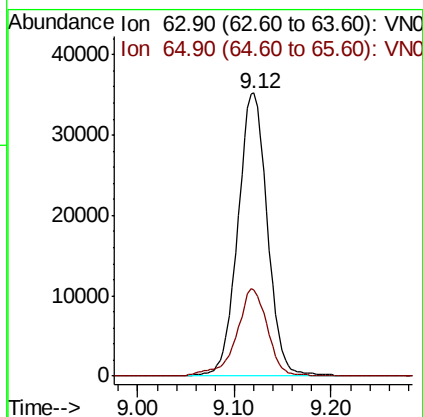
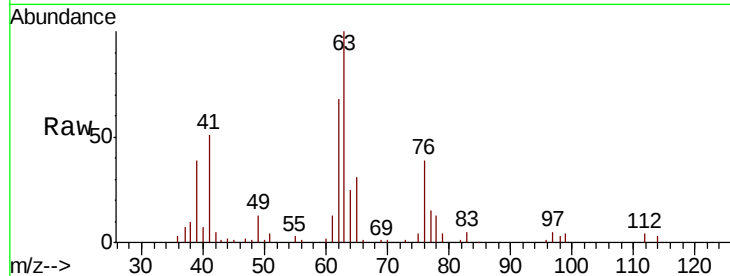




#45
 1,2-Dichloropropane
 Concen: 19.972 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN055756.D
 Acq: 23 May 2019 16:21

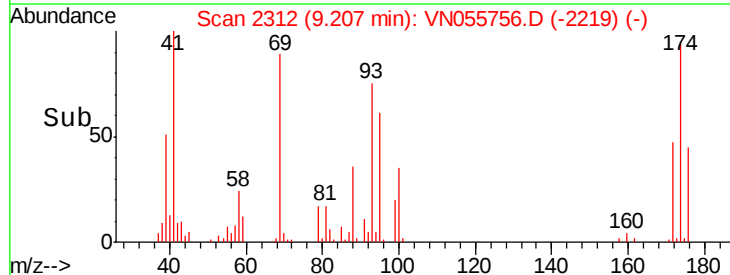
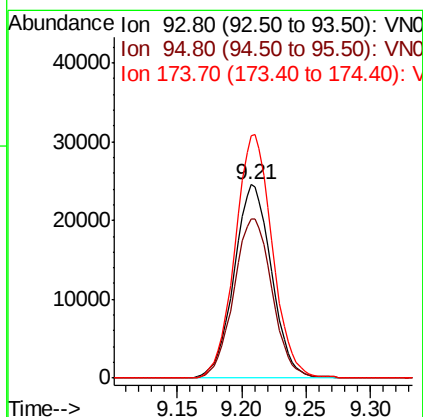
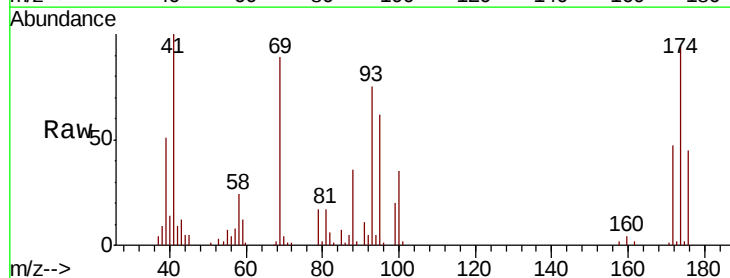
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0523WBS01

Tot Ion: 63 Resp: 74810
 Ion Ratio Lower Upper
 63 100
 65 30.6 24.6 36.8



#46
 Dibromomethane
 Concen: 20.233 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN055756.D
 Acq: 23 May 2019 16:21

Tgt Ion: 93 Resp: 49703
 Ion Ratio Lower Upper
 93 100
 95 84.0 66.7 100.1
 174 125.0 96.4 144.6





#47

Bromodichloromethane

Concen: 19.698 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN055756.D

Acq: 23 May 2019 16:21

Instrument :

MSVOA_N

ClientSampleId :

VN0523WBS01

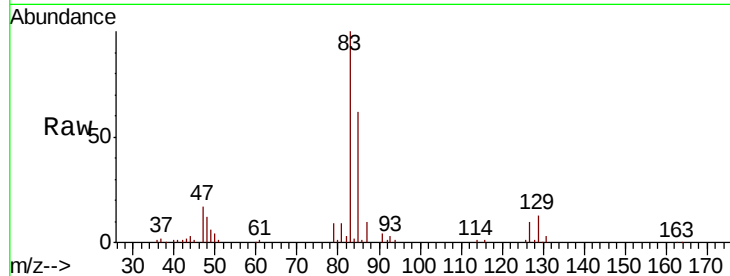
Tot Ion: 83 Resp: 99224

Ion Ratio Lower Upper

83 100

85 61.8 52.2 78.2

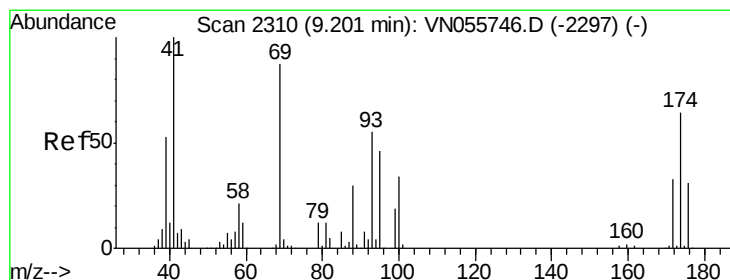
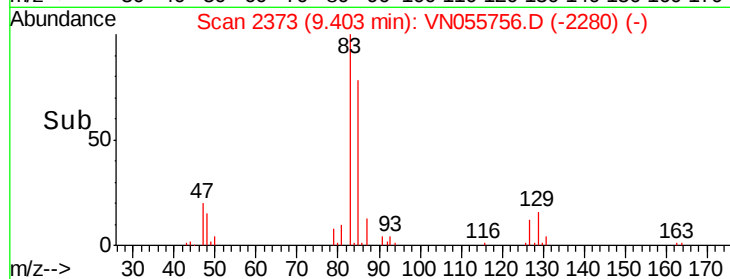
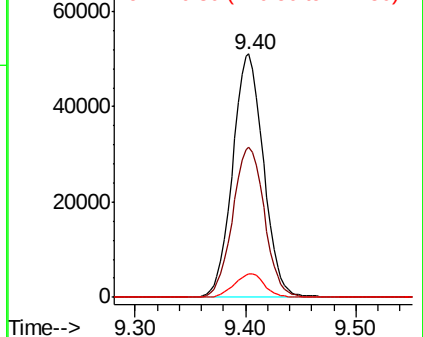
127 9.8 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 20.072 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN055756.D

Acq: 23 May 2019 16:21

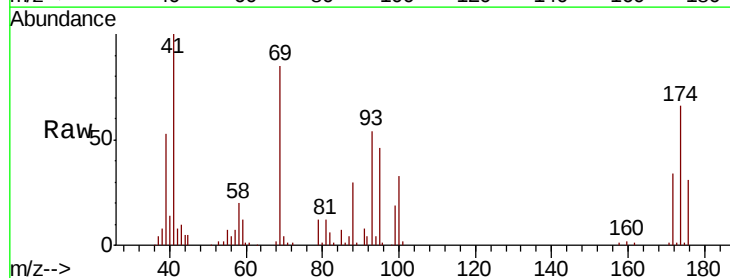
Tgt Ion: 41 Resp: 71661

Ion Ratio Lower Upper

41 100

69 87.9 71.0 106.6

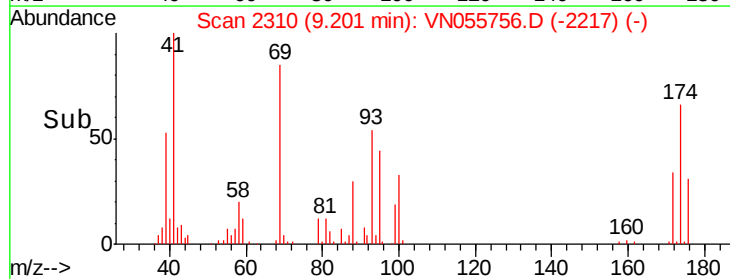
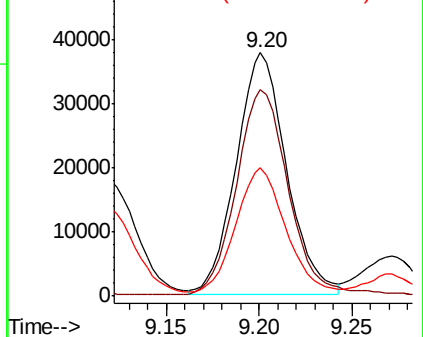
39 53.5 44.2 66.2

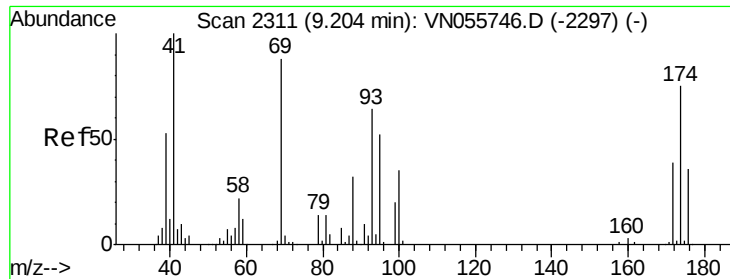


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 404.276 ug/l

RT: 9.20 min Scan# 2311

Delta R.T. 0.00 min

Lab File: VN055756.D

Acq: 23 May 2019 16:21

Instrument :

MSVOA_N

ClientSampleId :

VN0523WBS01

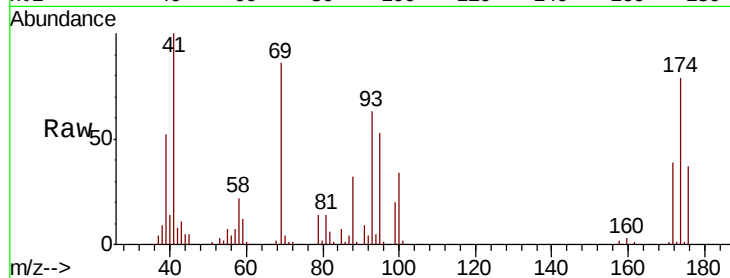
Tot Ion: 88 Resp: 29994

Ion Ratio Lower Upper

88 100

43 26.1 20.5 30.7

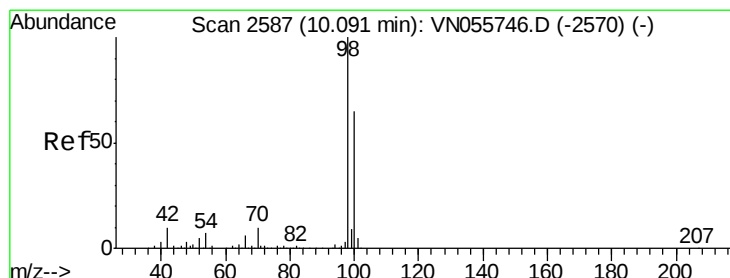
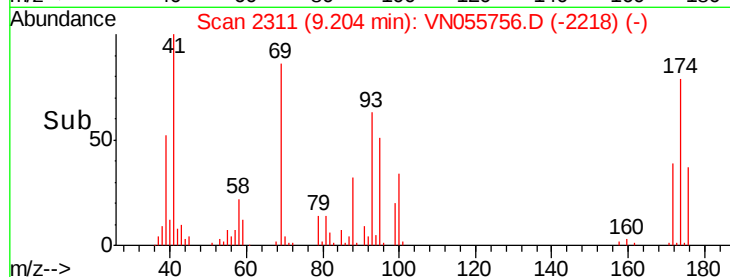
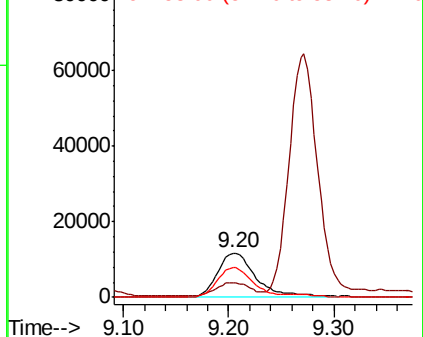
58 61.9 55.8 83.6



Abundance Ion 88.00 (87.70 to 88.70): VN055746.D (-2297) (-)

Ion 43.00 (42.70 to 43.70): VN055746.D (-2297) (-)

Ion 58.00 (57.70 to 58.70): VN055746.D (-2297) (-)



#50

Toluene-d8

Concen: 49.593 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN055756.D

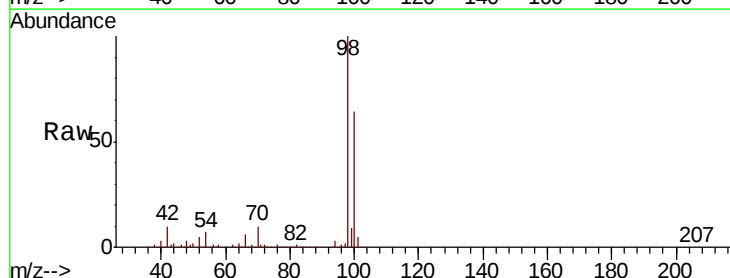
Acq: 23 May 2019 16:21

Tgt Ion: 98 Resp: 658368

Ion Ratio Lower Upper

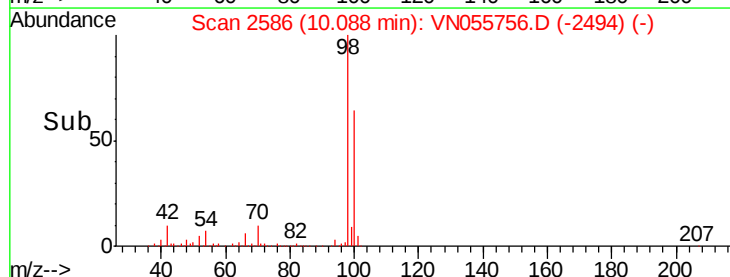
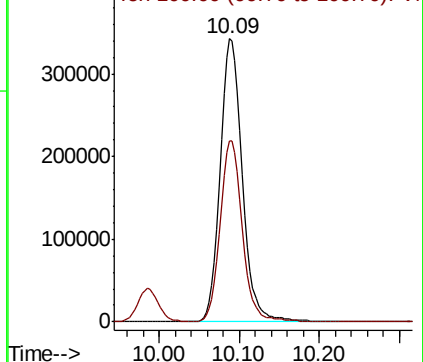
98 100

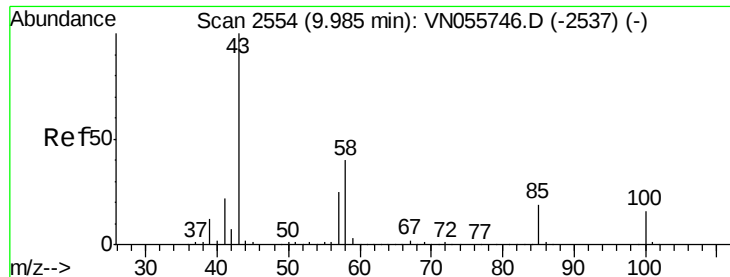
100 63.9 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN055746.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN055746.D (-2570) (-)





#51

4-Methyl-2-Pentanone

Concen: 99.717 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN055756.D

Acq: 23 May 2019 16:21

Instrument :

MSVOA_N

ClientSampled :

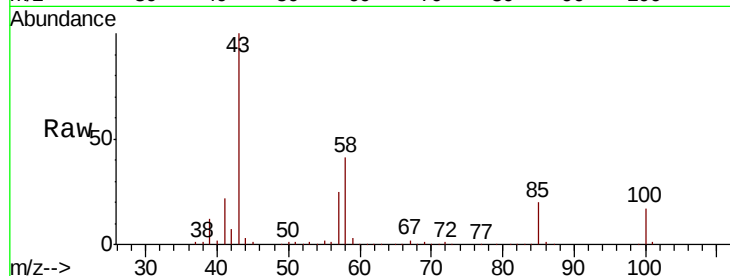
VN0523WBS01

Tot Ion: 43 Resp: 456217

Ion Ratio Lower Upper

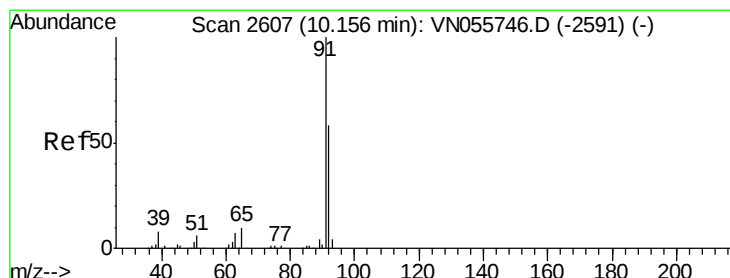
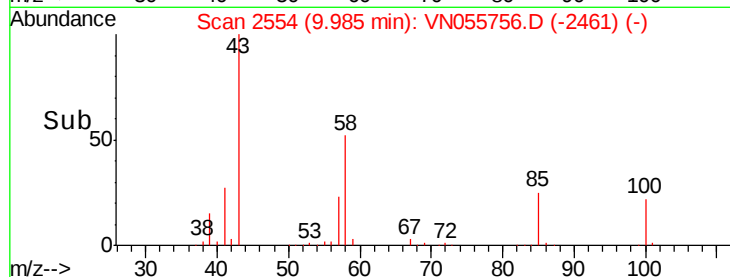
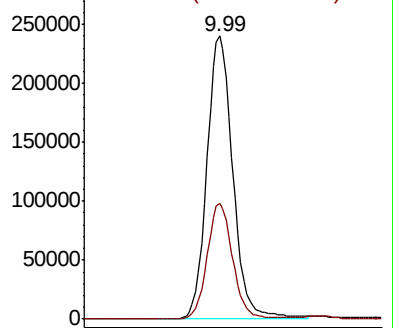
43 100

58 40.2 32.1 48.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 19.881 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN055756.D

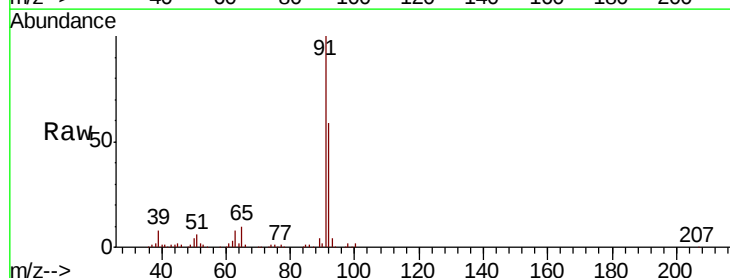
Acq: 23 May 2019 16:21

Tgt Ion: 92 Resp: 179764

Ion Ratio Lower Upper

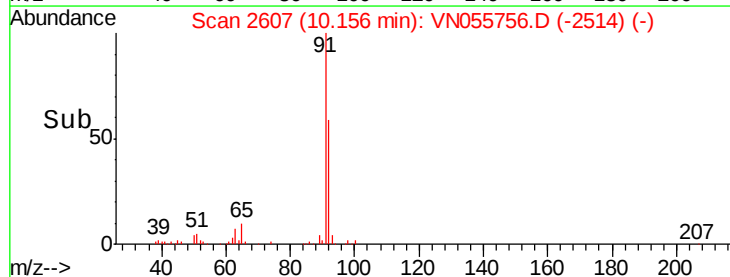
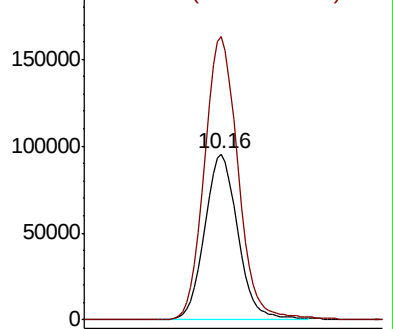
92 100

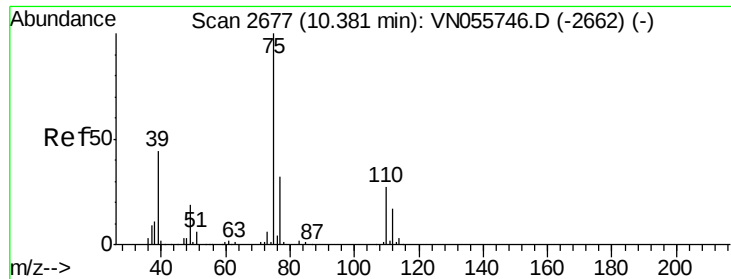
91 174.1 139.4 209.2



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: 19.767 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN055756.D

Acq: 23 May 2019 16:21

Instrument :

MSVOA_N

ClientSampleId :

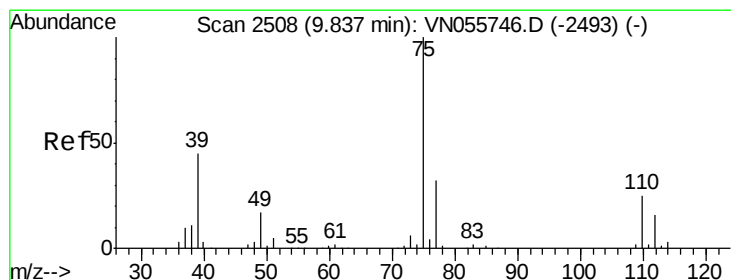
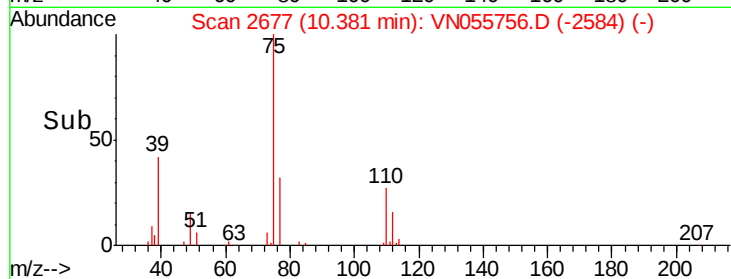
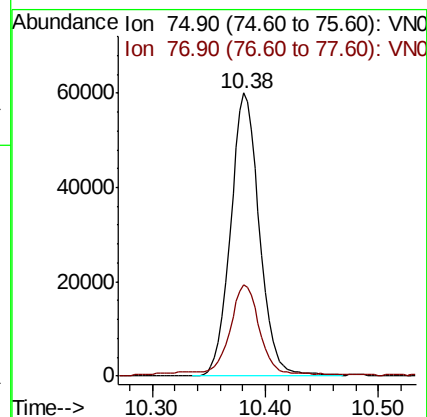
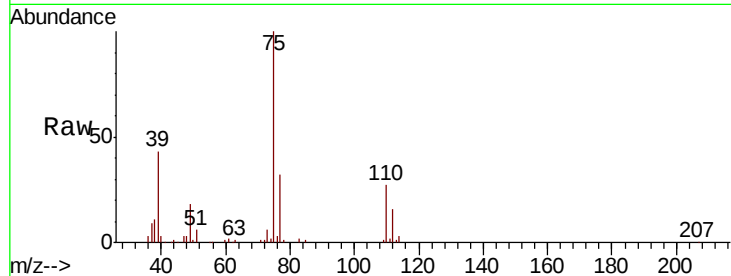
VN0523WBS01

Tot Ion: 75 Resp: 106287

Ion Ratio Lower Upper

75 100

77 31.6 25.8 38.6



#54

cis-1,3-Dichloropropene

Concen: 19.703 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN055756.D

Acq: 23 May 2019 16:21

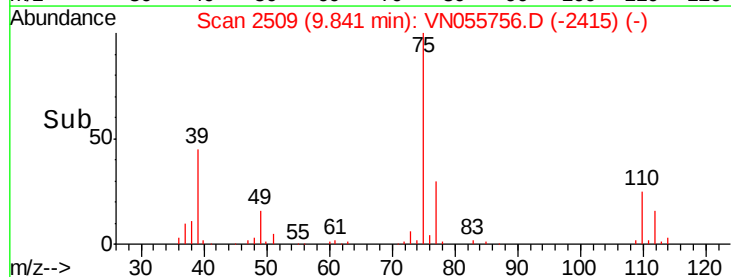
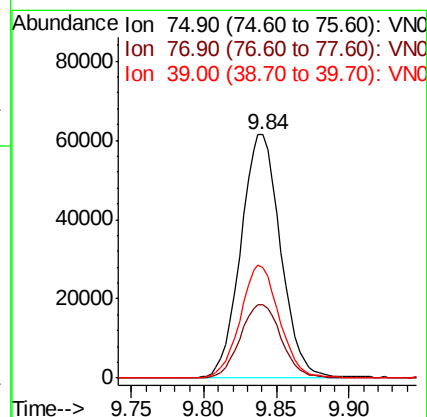
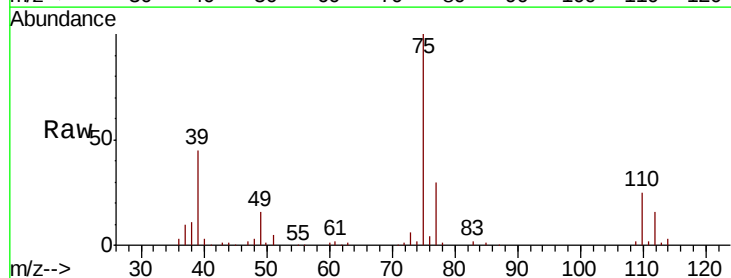
Tgt Ion: 75 Resp: 117364

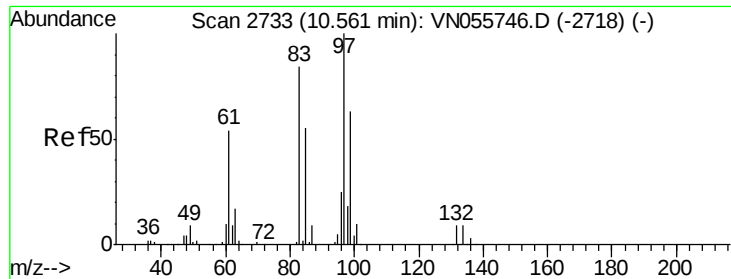
Ion Ratio Lower Upper

75 100

77 30.0 25.4 38.0

39 45.4 36.3 54.5

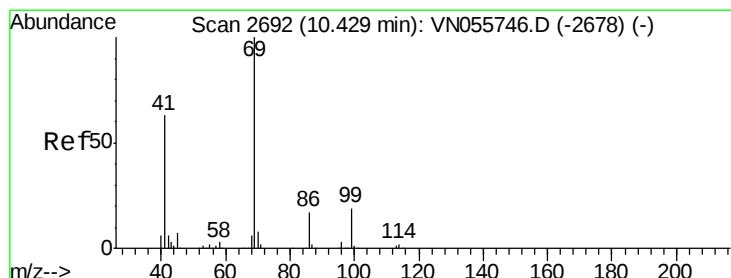
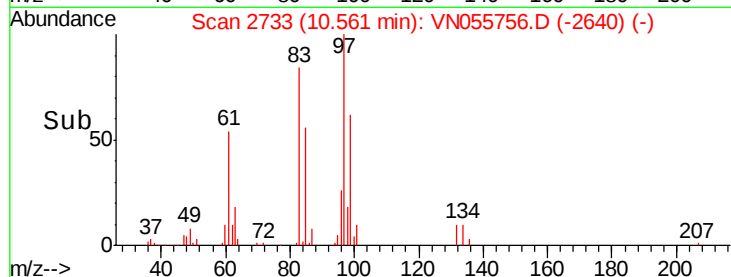
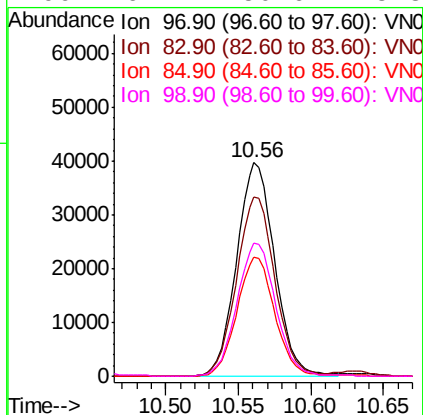
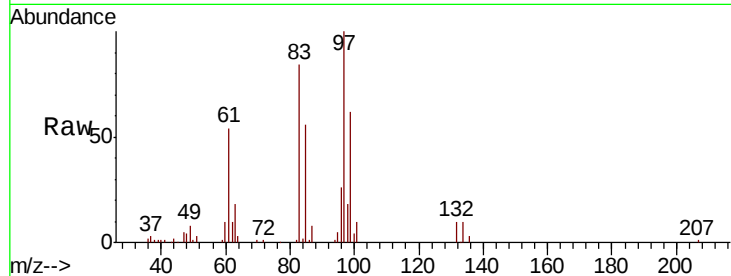




#55
 1,1,2-Trichloroethane
 Concen: 19.970 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN055756.D
 Acq: 23 May 2019 16:21

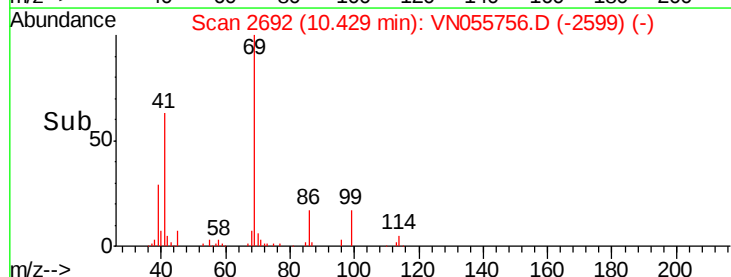
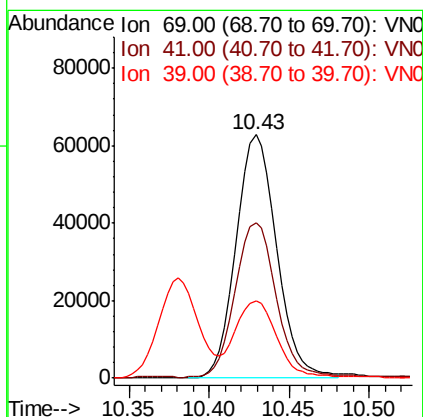
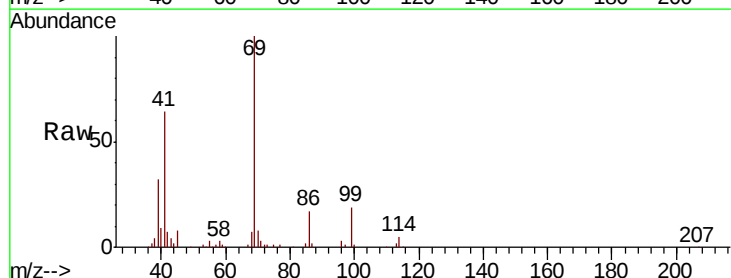
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0523WBS01

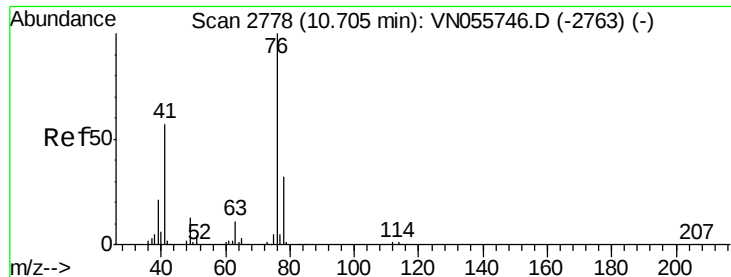
Tot Ion:	97	Resp:	72338
Ion	Ratio	Lower	Upper
97	100		
83	84.2	67.0	100.6
85	55.6	44.0	66.0
99	62.4	50.6	75.8



#56
 Ethyl methacrylate
 Concen: 19.452 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN055756.D
 Acq: 23 May 2019 16:21

Tgt Ion:	69	Resp:	108898
Ion	Ratio	Lower	Upper
69	100		
41	64.0	49.7	74.5
39	31.7	24.7	37.1

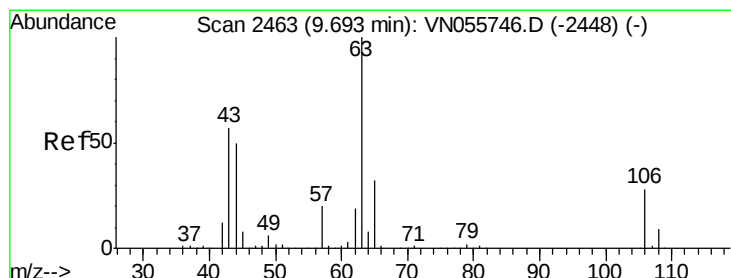
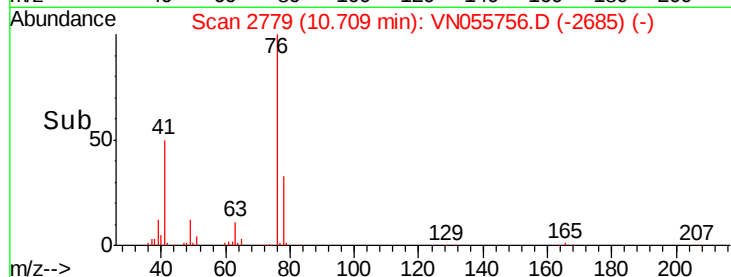
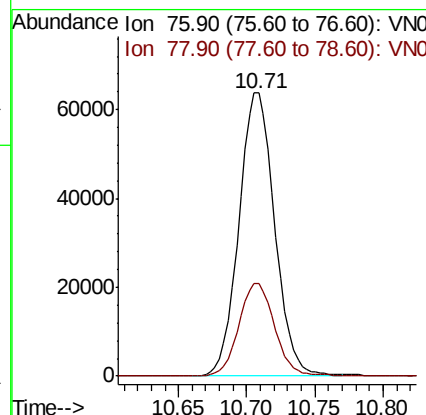
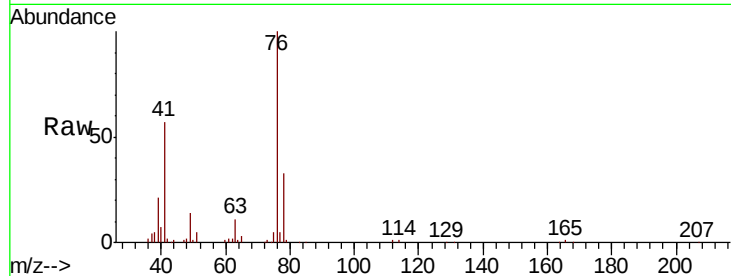




#57
 1,3-Dichloropropane
 Concen: 19.690 ug/l
 RT: 10.71 min Scan# 2779
 Delta R.T. 0.00 min
 Lab File: VN055756.D
 Acq: 23 May 2019 16:21

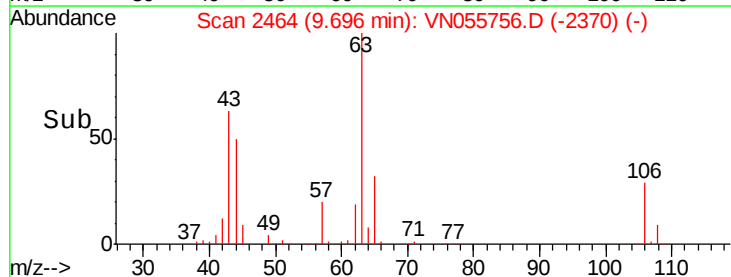
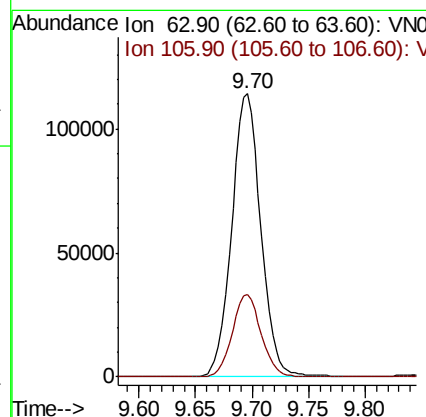
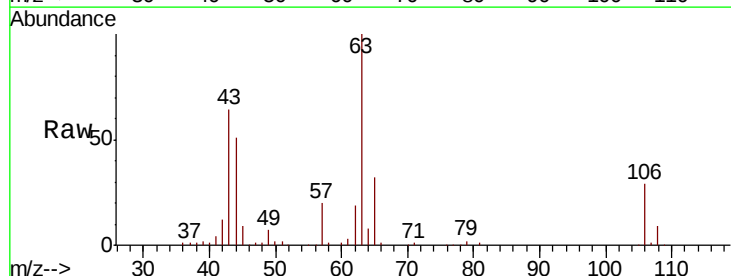
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0523WBS01

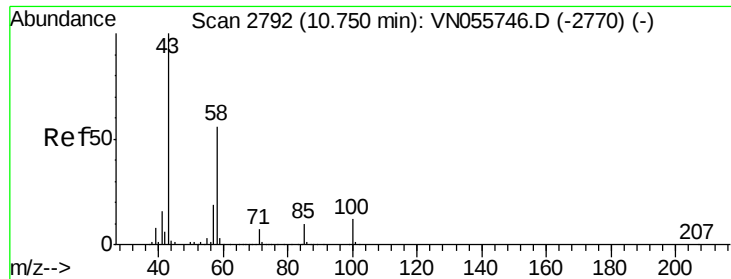
Tot Ion: 76 Resp: 115937
 Ion Ratio Lower Upper
 76 100
 78 32.7 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 95.532 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN055756.D
 Acq: 23 May 2019 16:21

Tgt Ion: 63 Resp: 204384
 Ion Ratio Lower Upper
 63 100
 106 28.9 22.7 34.1

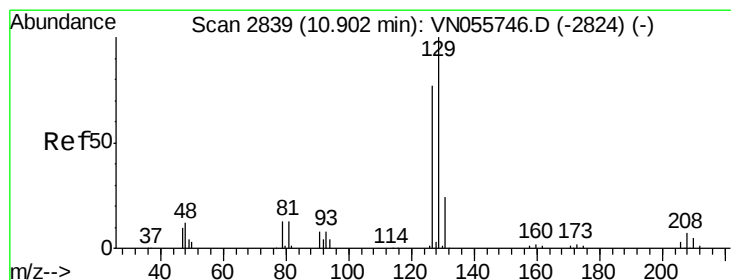
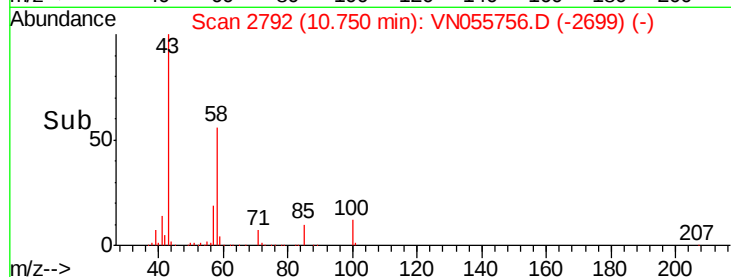
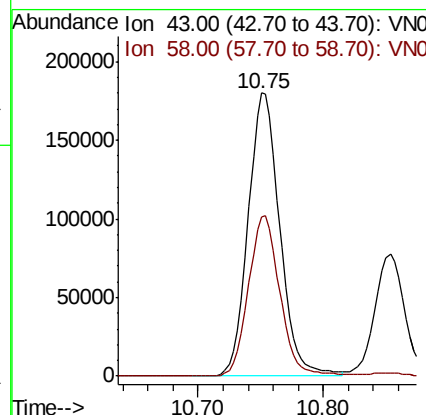
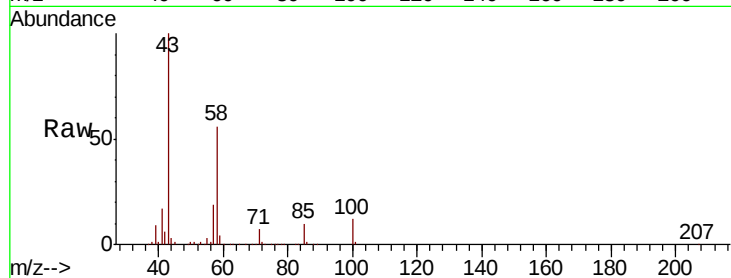




#59
2-Hexanone
Concen: 97.055 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN055756.D
Acq: 23 May 2019 16:21

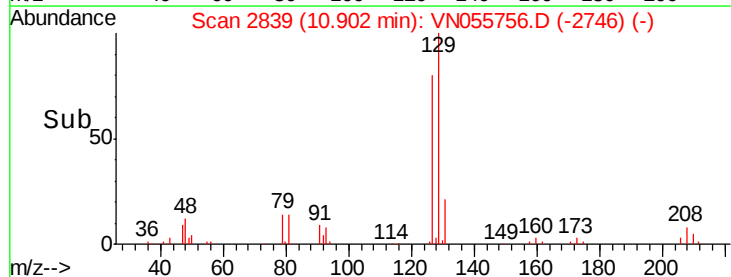
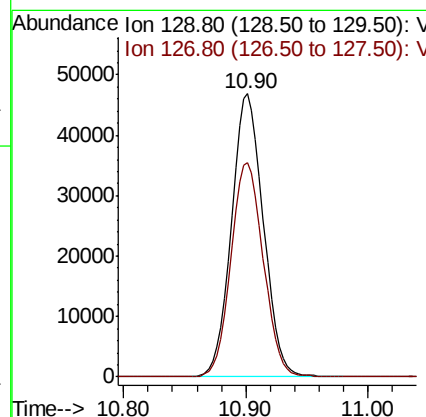
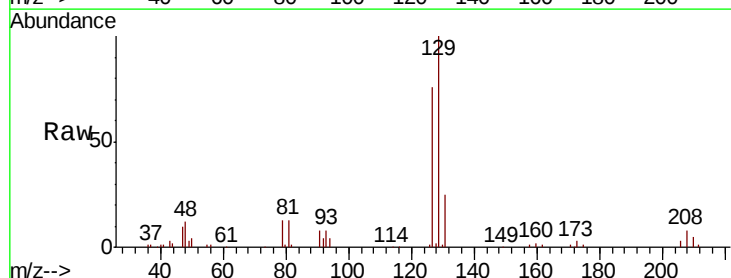
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBS01

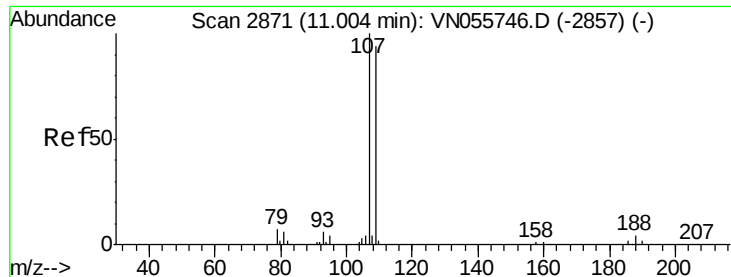
Tot Ion: 43 Resp: 315006
Ion Ratio Lower Upper
43 100
58 56.8 28.2 84.7



#60
Dibromochloromethane
Concen: 20.225 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN055756.D
Acq: 23 May 2019 16:21

Tgt Ion: 129 Resp: 85348
Ion Ratio Lower Upper
129 100
127 76.8 38.1 114.3





#61

1,2-Dibromoethane

Concen: 20.245 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VN055756.D

Acq: 23 May 2019 16:21

Instrument :

MSVOA_N

ClientSampleId :

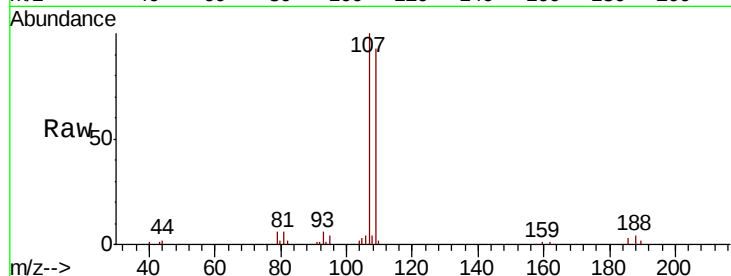
VN0523WBS01

Tot Ion:107 Resp: 76066

Ion Ratio Lower Upper

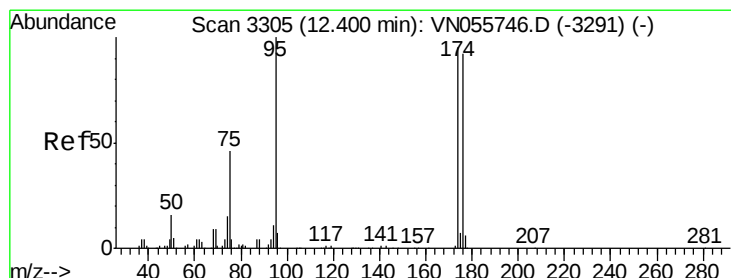
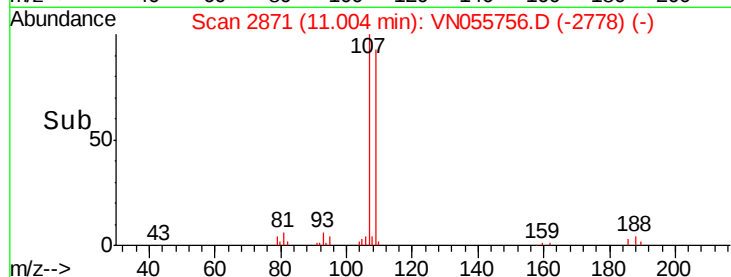
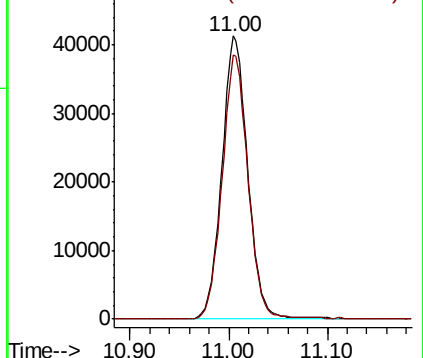
107 100

109 93.1 74.8 112.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.198 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055756.D

Acq: 23 May 2019 16:21

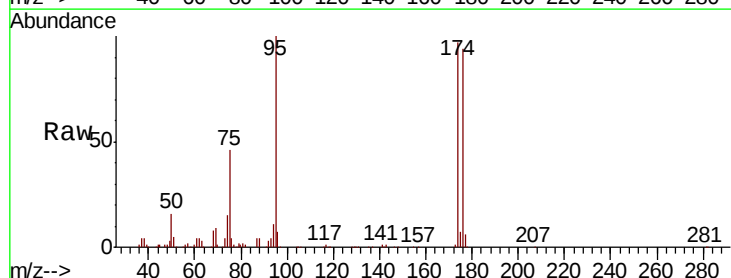
Tgt Ion: 95 Resp: 219401

Ion Ratio Lower Upper

95 100

174 97.0 0.0 191.0

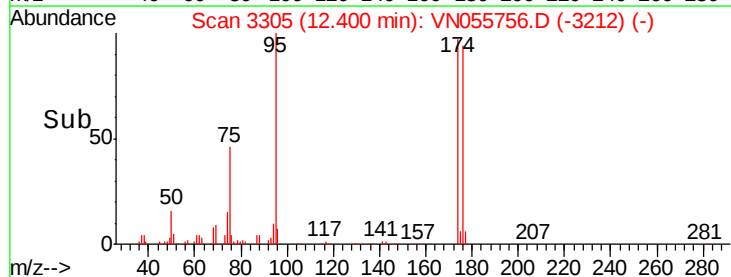
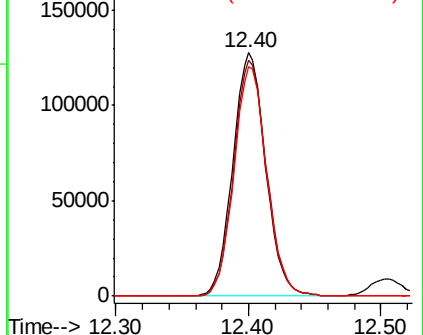
176 94.2 0.0 185.2

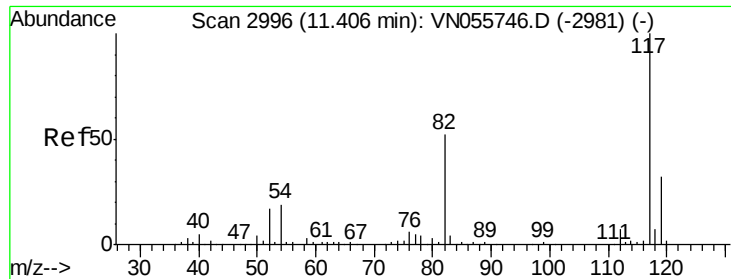


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

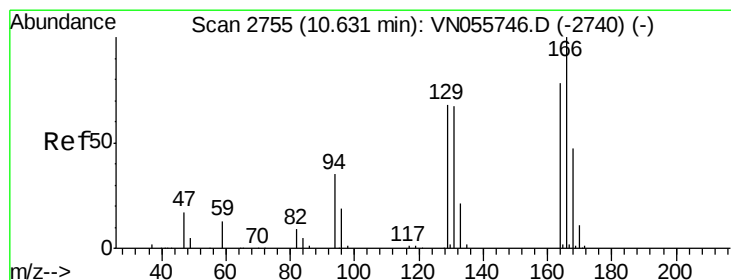
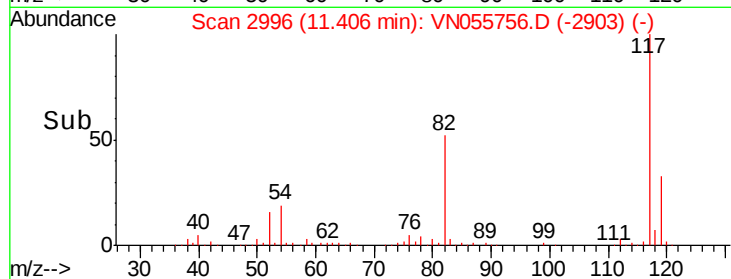
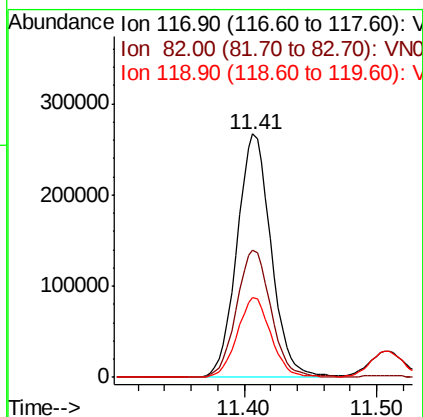
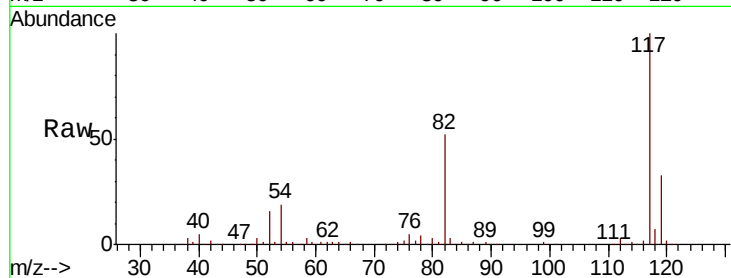




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055756.D
Acq: 23 May 2019 16:21

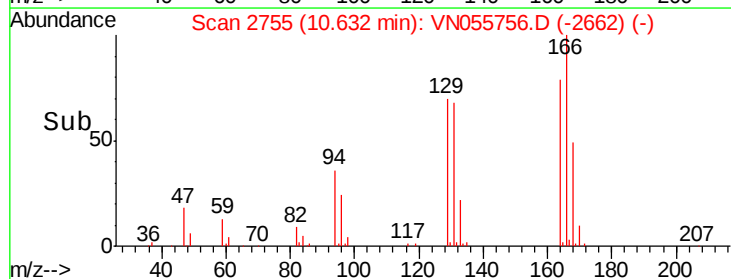
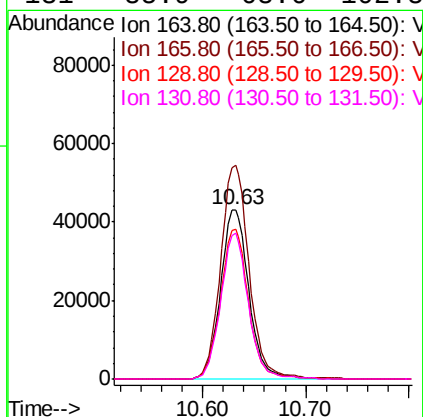
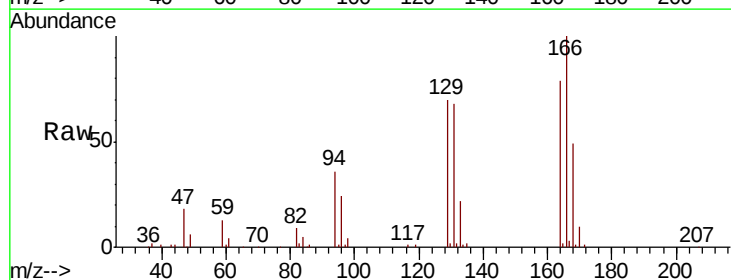
Instrument :
MSVOA_N
ClientSampled :
VN0523WBS01

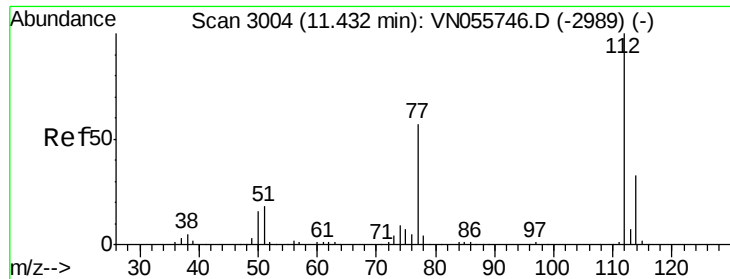
Tot Ion:117 Resp: 478066
Ion Ratio Lower Upper
117 100
82 52.4 41.8 62.8
119 32.7 25.4 38.0



#64
Tetrachloroethene
Concen: 20.453 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN055756.D
Acq: 23 May 2019 16:21

Tgt Ion:164 Resp: 82469
Ion Ratio Lower Upper
164 100
166 126.0 103.0 154.6
129 88.4 70.6 105.8
131 85.9 68.6 102.8

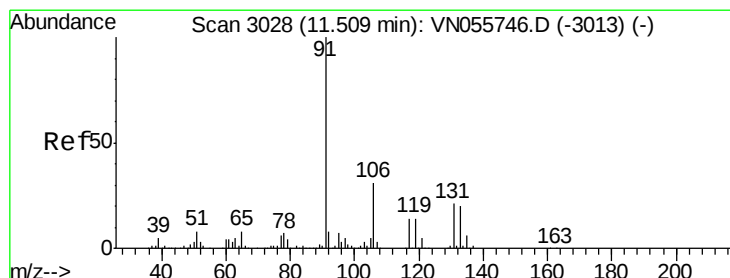
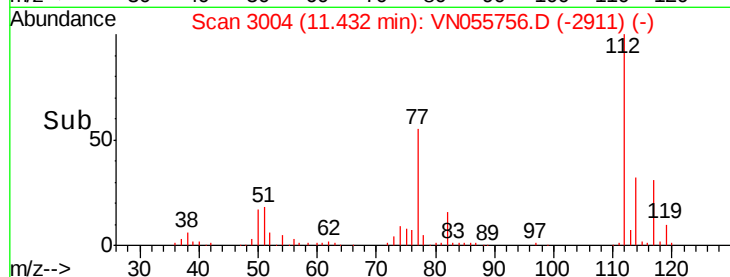
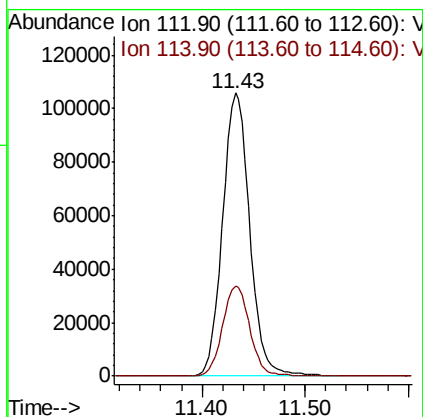
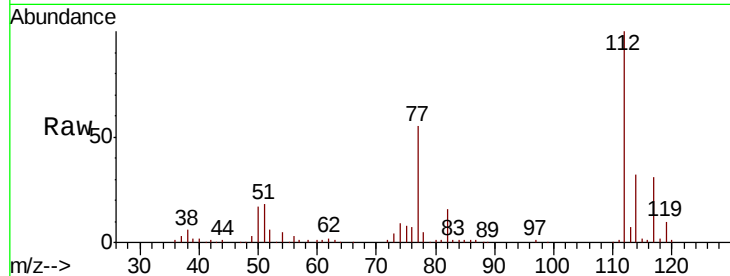




#65
Chlorobenzene
Concen: 20.264 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN055756.D
Acq: 23 May 2019 16:21

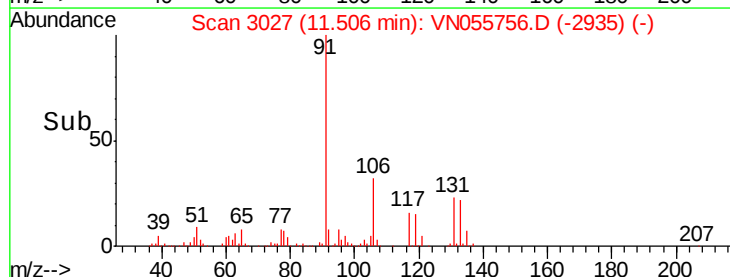
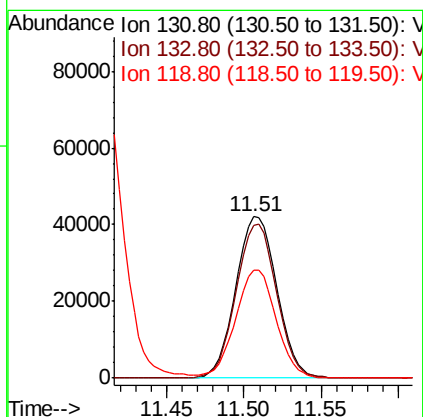
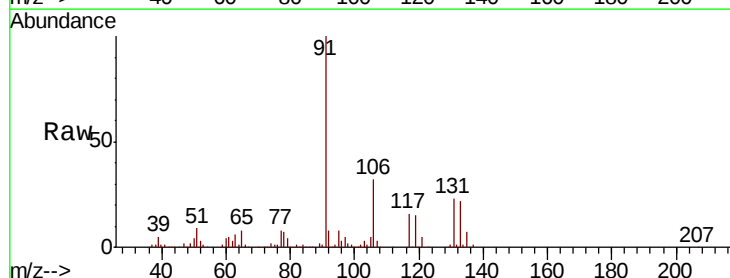
Instrument :
MSVOA_N
ClientSampled :
VN0523WBS01

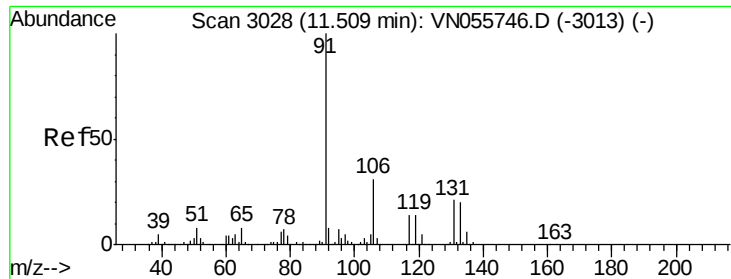
Tot Ion:112 Resp: 193929
Ion Ratio Lower Upper
112 100
114 31.9 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 20.383 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN055756.D
Acq: 23 May 2019 16:21

Tgt Ion:131 Resp: 77803
Ion Ratio Lower Upper
131 100
133 94.0 48.0 144.0
119 66.3 33.1 99.5

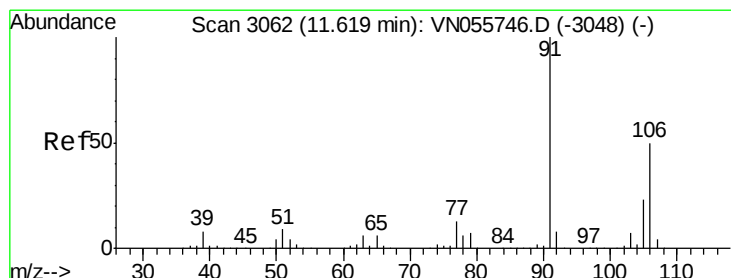
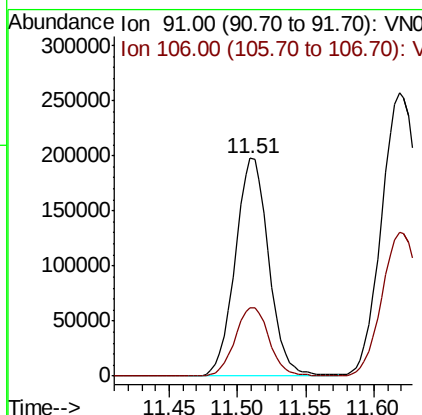
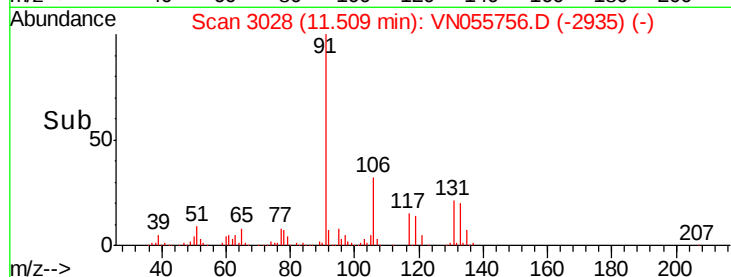
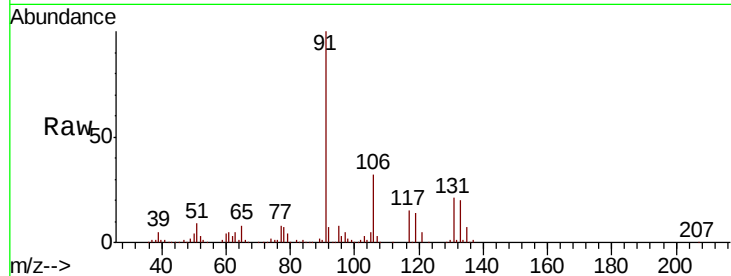




#67
Ethyl Benzene
Concen: 19.745 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055756.D
Acq: 23 May 2019 16:21

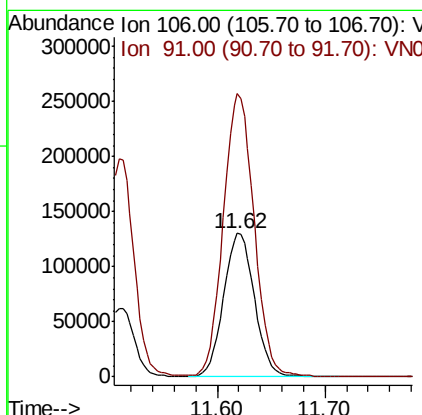
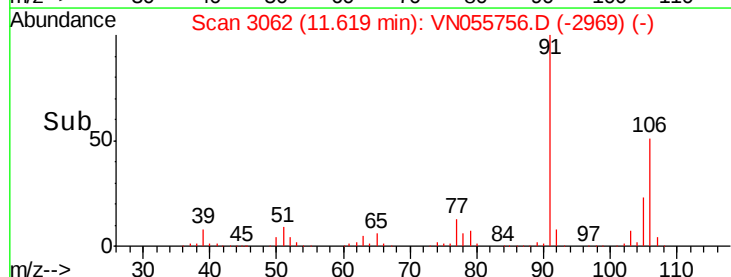
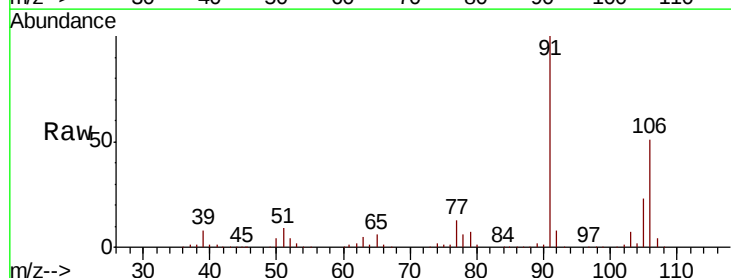
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBS01

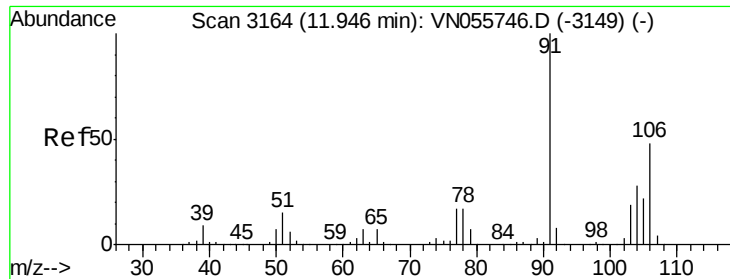
Tot Ion: 91 Resp: 338879
Ion Ratio Lower Upper
91 100
106 31.6 25.1 37.7



#68
m/p-Xylenes
Concen: 40.061 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN055756.D
Acq: 23 May 2019 16:21

Tgt Ion: 106 Resp: 259923
Ion Ratio Lower Upper
106 100
91 197.3 159.3 238.9

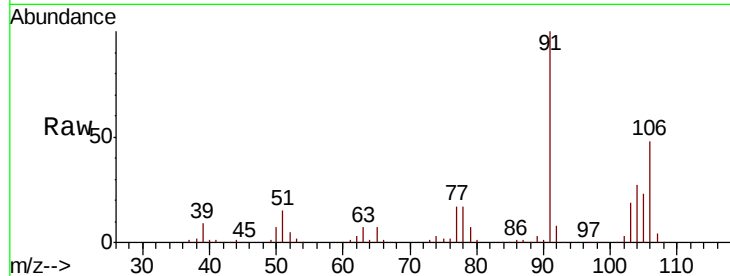




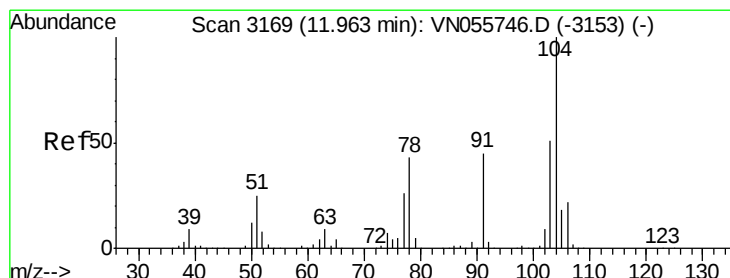
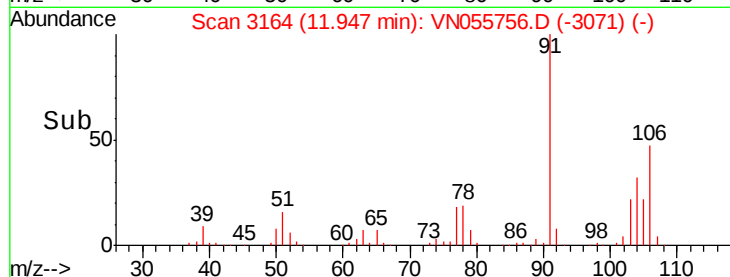
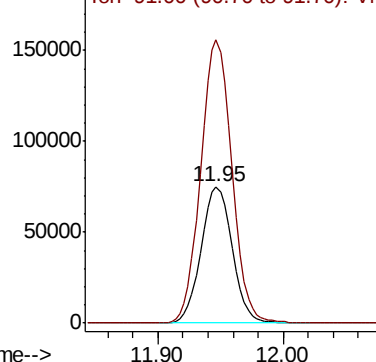
#69
o-Xylene
Concen: 20.112 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055756.D
Acq: 23 May 2019 16:21

Instrument :
MSVOA_N
ClientSampled :
VN0523WBS01

Tot Ion:106 Resp: 129464
Ion Ratio Lower Upper
106 100
91 207.5 104.7 314.1

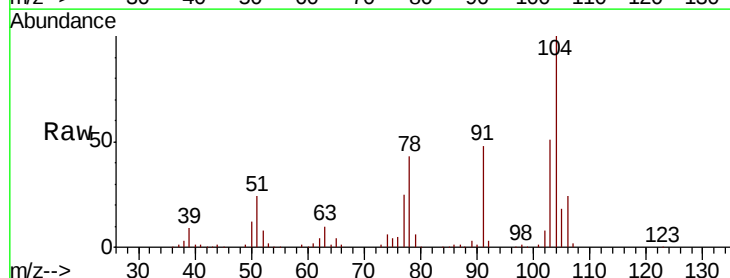


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

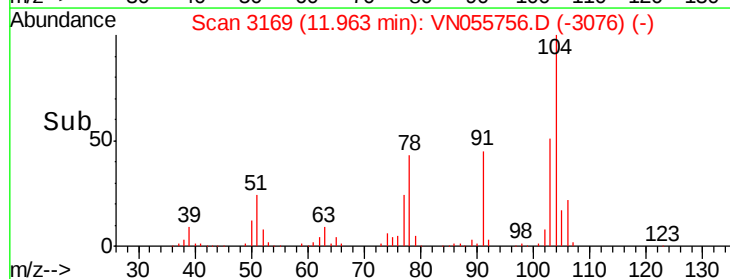
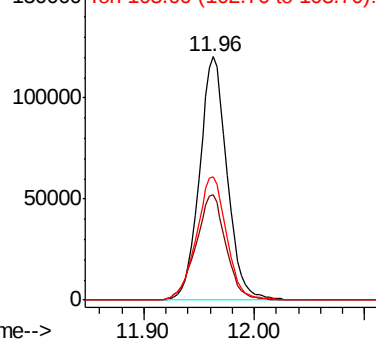


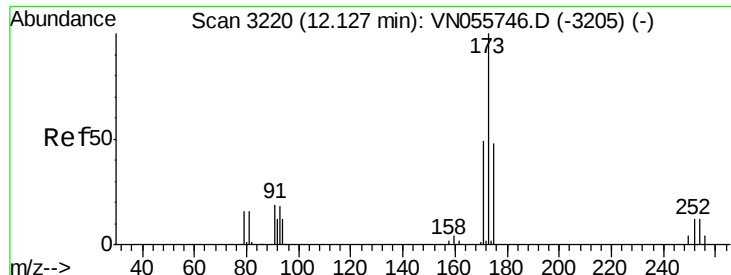
#70
Styrene
Concen: 20.004 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN055756.D
Acq: 23 May 2019 16:21

Tgt Ion:104 Resp: 208527
Ion Ratio Lower Upper
104 100
78 47.1 37.8 56.6
103 55.4 44.2 66.2



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

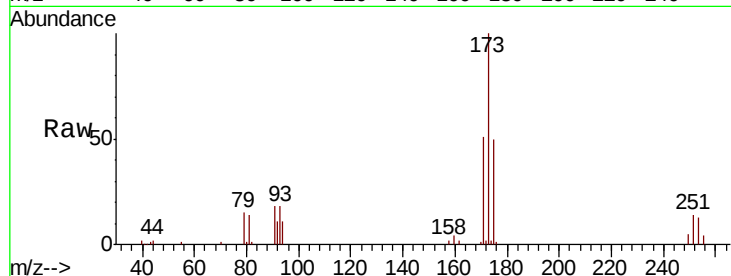




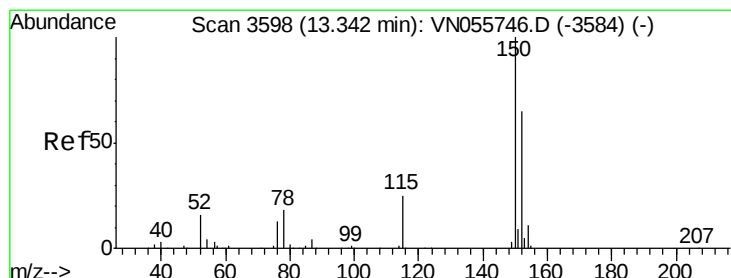
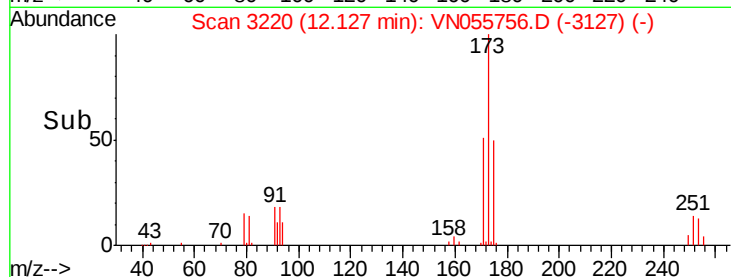
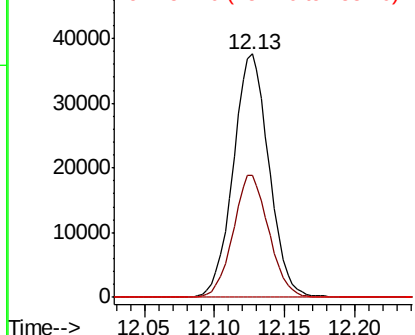
#71
Bromoform
Concen: 20.475 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN055756.D
Acq: 23 May 2019 16:21

Instrument :
MSVOA_N
ClientSampleId :
VN0523WBS01

Tot Ion:173 Resp: 66663
Ion Ratio Lower Upper
173 100
175 49.7 24.3 72.8
254 0.0 0.0 0.0

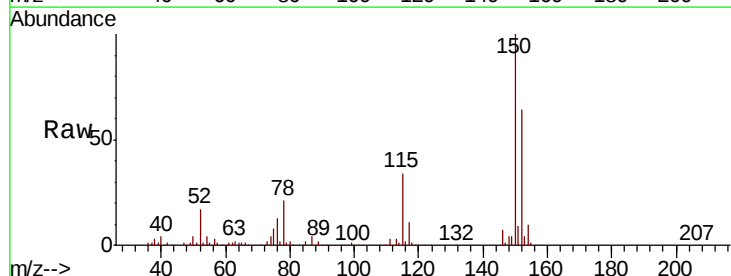


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

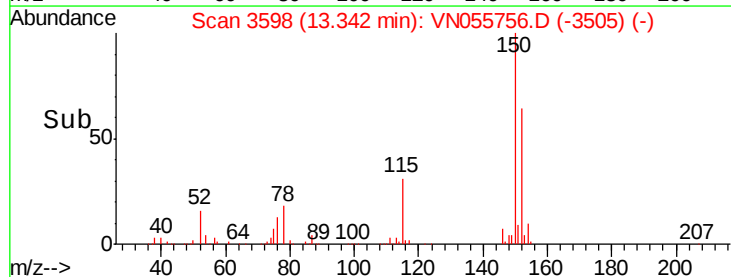
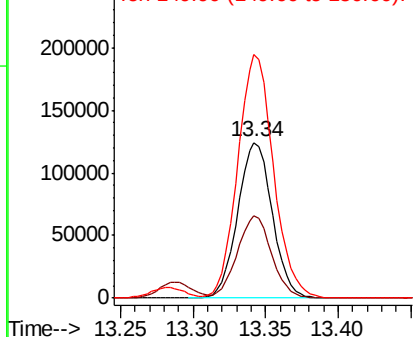


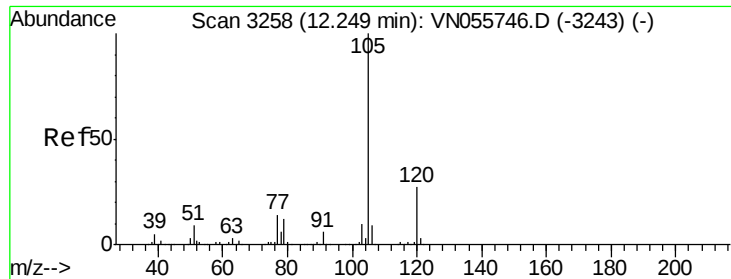
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055756.D
Acq: 23 May 2019 16:21

Tgt Ion:152 Resp: 205405
Ion Ratio Lower Upper
152 100
115 52.9 27.0 81.0
150 162.5 0.0 343.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.891 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055756.D

Acq: 23 May 2019 16:21

Instrument :

MSVOA_N

ClientSampleId :

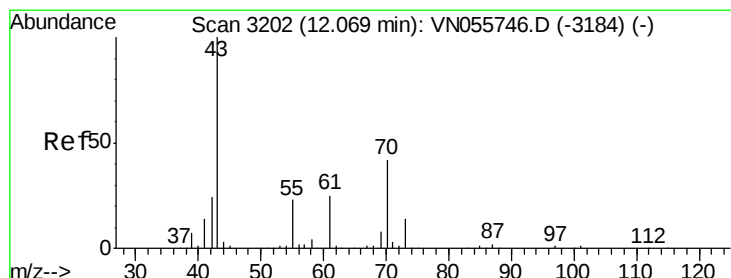
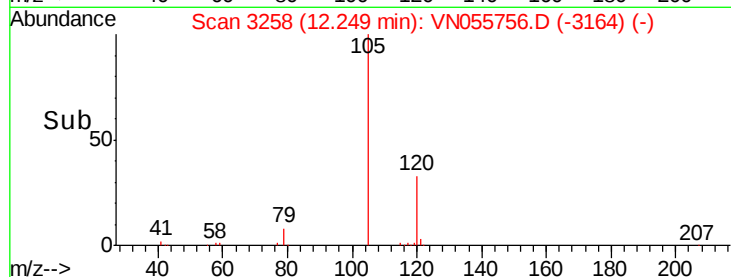
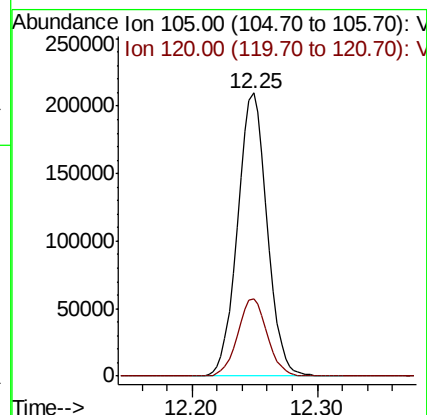
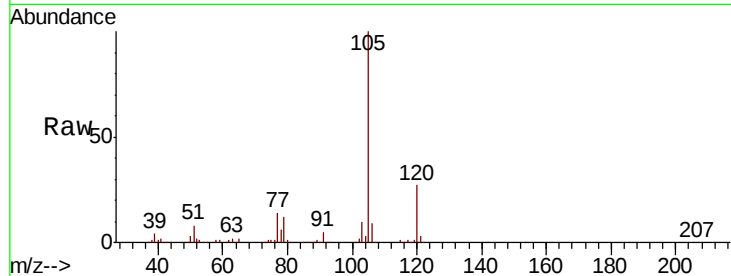
VN0523WBS01

Tot Ion:105 Resp: 341758

Ion Ratio Lower Upper

105 100

120 27.3 13.6 40.7



#74

N-ethyl acetate

Concen: 20.157 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN055756.D

Acq: 23 May 2019 16:21

Tgt Ion: 43 Resp: 119680

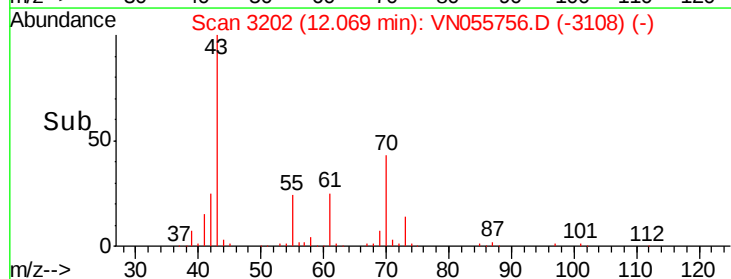
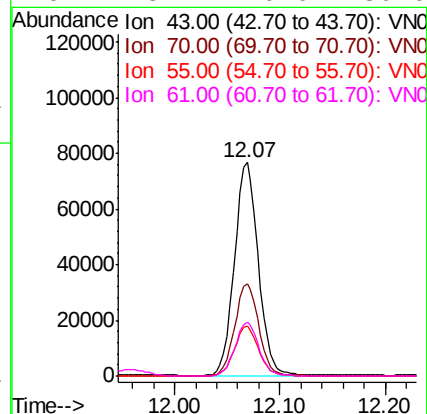
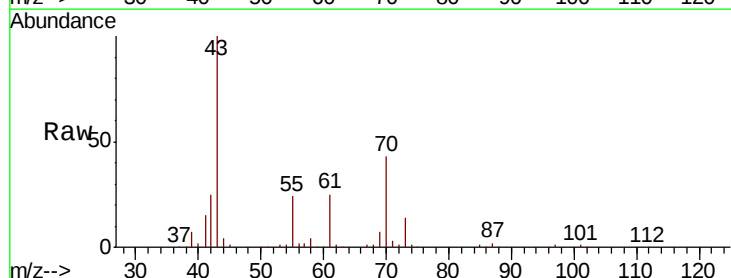
Ion Ratio Lower Upper

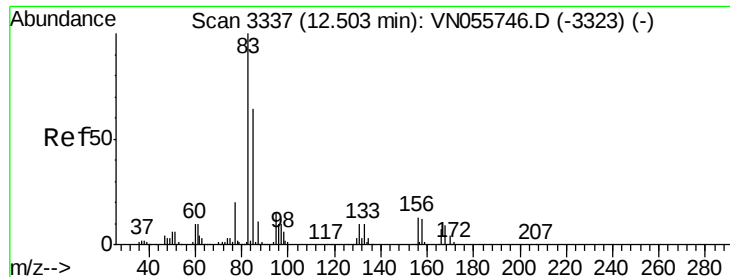
43 100

70 43.7 34.0 51.0

55 23.9 18.6 28.0

61 25.2 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.042 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN055756.D

Acq: 23 May 2019 16:21

Instrument :

MSVOA_N

ClientSampleId :

VN0523WBS01

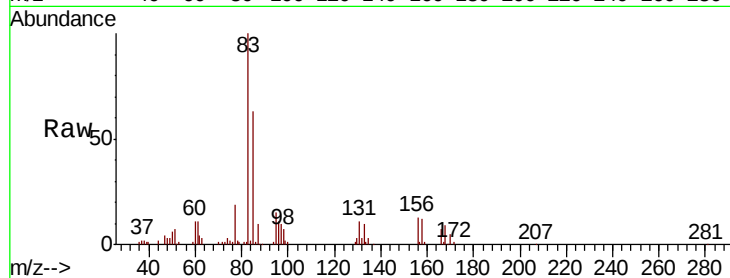
Tot Ion: 83 Resp: 99359

Ion Ratio Lower Upper

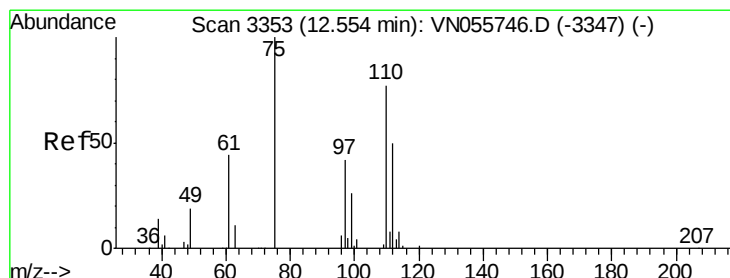
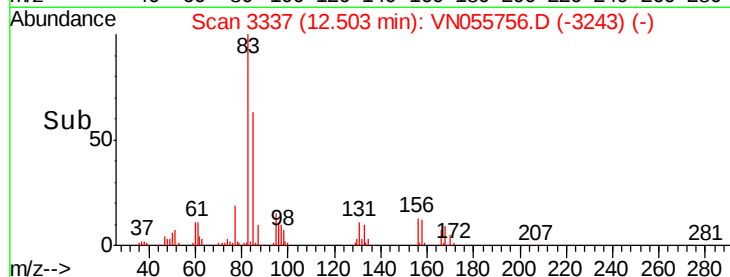
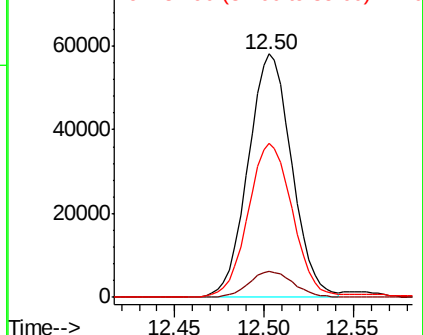
83 100

131 10.9 5.4 16.2

85 64.3 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 33.302 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN055756.D

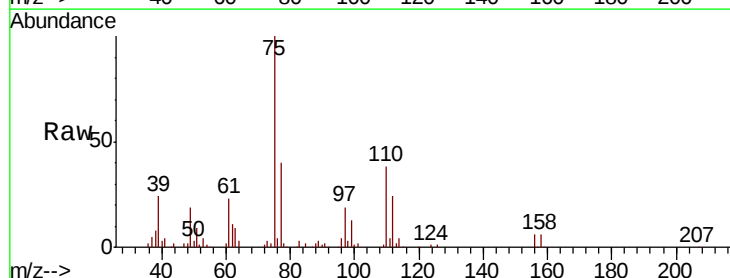
Acq: 23 May 2019 16:21

Tgt Ion: 75 Resp: 121505

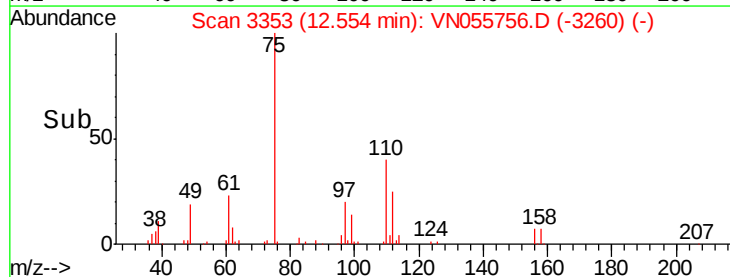
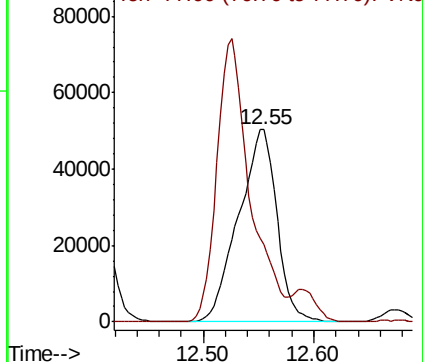
Ion Ratio Lower Upper

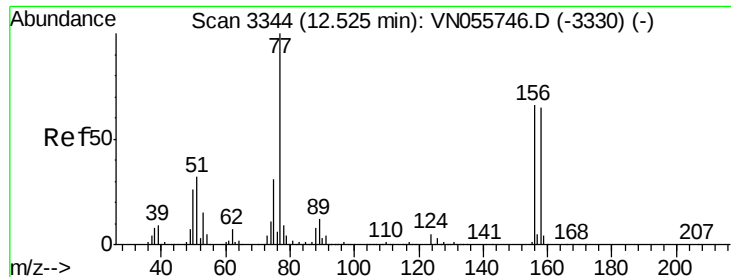
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0
Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 20.258 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN055756.D

Acq: 23 May 2019 16:21

Instrument :

MSVOA_N

ClientSampleId :

VN0523WBS01

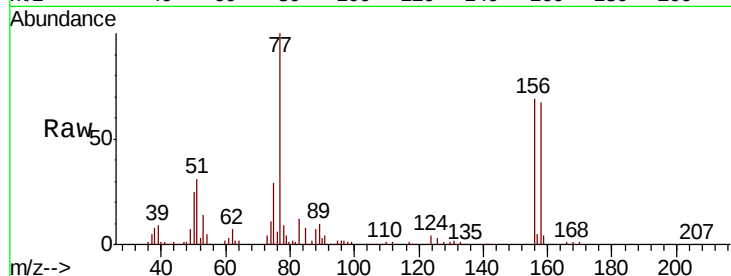
Tot Ion:156 Resp: 88796

Ion Ratio Lower Upper

156 100

77 175.3 90.8 272.5

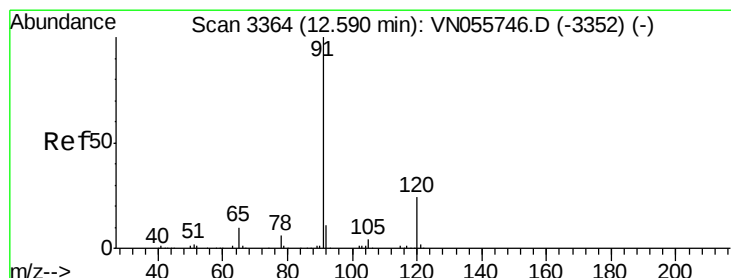
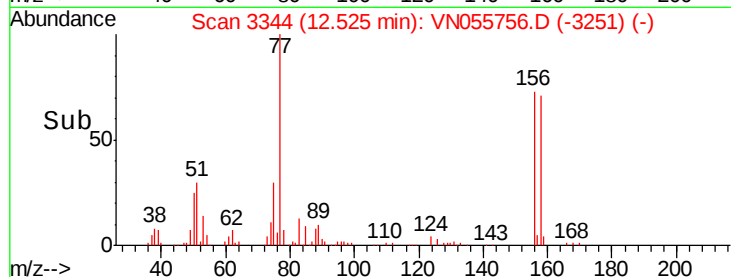
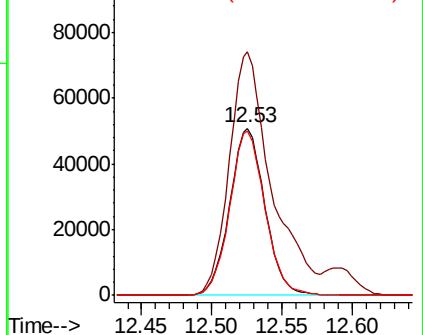
158 98.1 49.3 147.8



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: 19.636 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055756.D

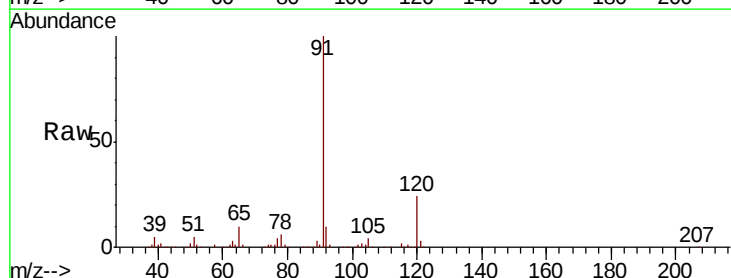
Acq: 23 May 2019 16:21

Tgt Ion: 91 Resp: 350555

Ion Ratio Lower Upper

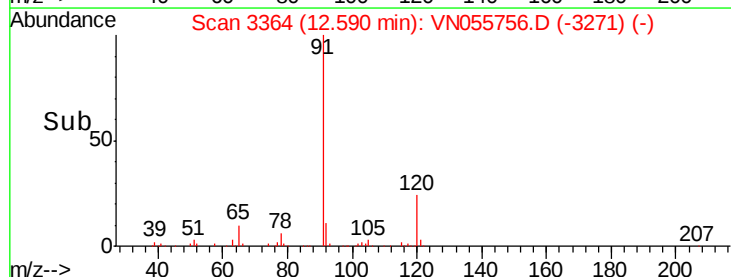
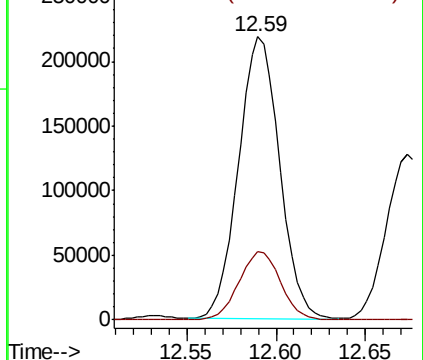
91 100

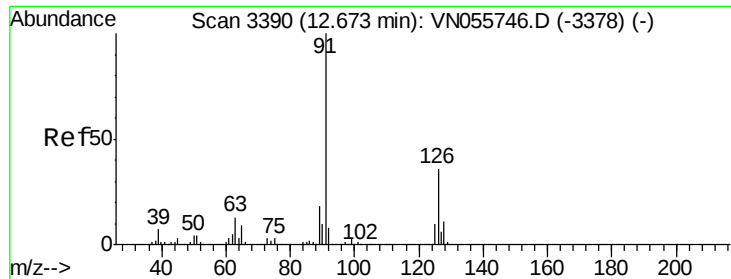
120 24.6 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

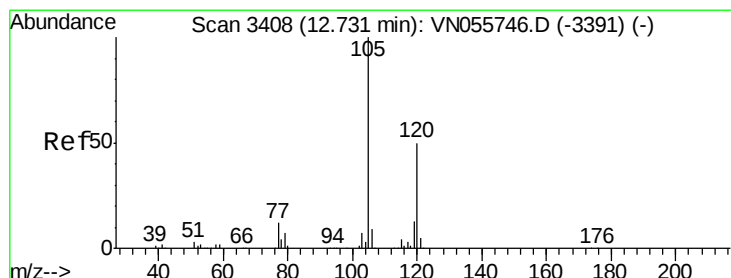
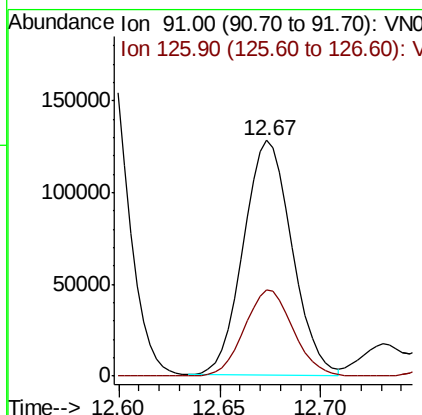
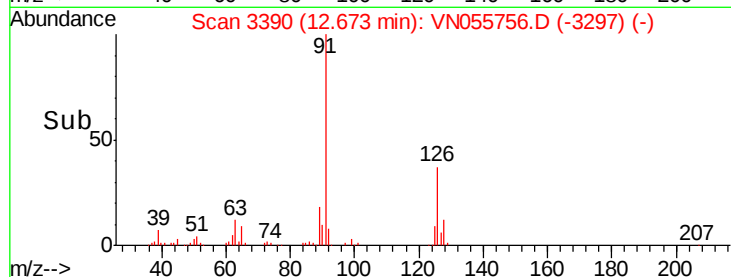
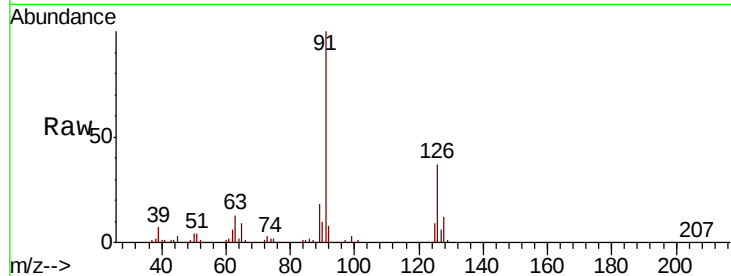




#79
 2-Chlorotoluene
 Concen: 21.014 ug/l
 RT: 12.67 min Scan# 3390
 Delta R.T. 0.00 min
 Lab File: VN055756.D
 Acq: 23 May 2019 16:21

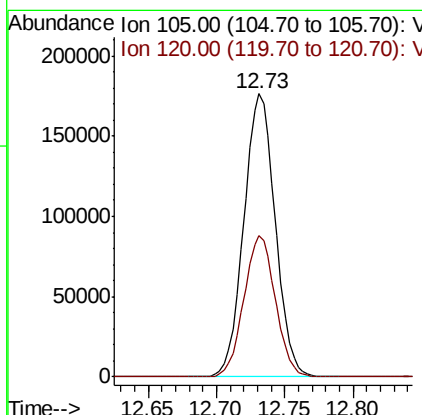
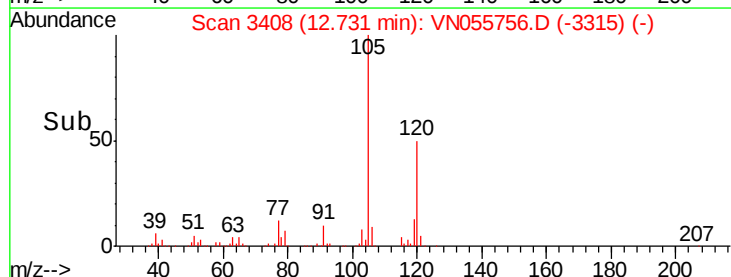
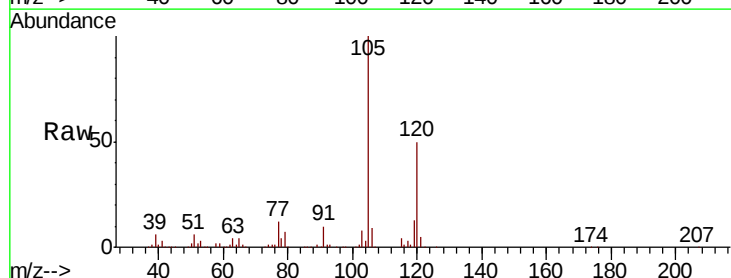
Instrument :
 MSVOA_N
 ClientSampled :
 VN0523WBS01

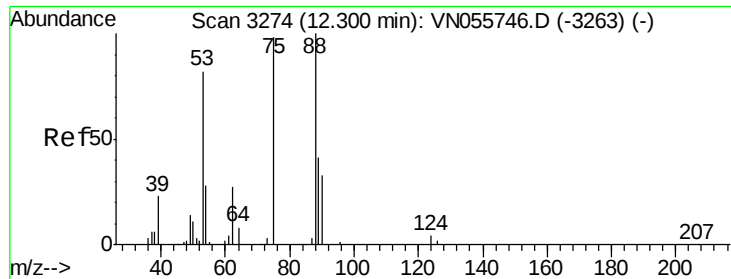
Tot Ion: 91 Resp: 216282
 Ion Ratio Lower Upper
 91 100
 126 36.8 18.1 54.4



#80
 1,3,5-Trimethylbenzene
 Concen: 21.440 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN055756.D
 Acq: 23 May 2019 16:21

Tgt Ion: 105 Resp: 281672
 Ion Ratio Lower Upper
 105 100
 120 49.9 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 19.181 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN055756.D

Acq: 23 May 2019 16:21

Instrument :

MSVOA_N

ClientSampleId :

VN0523WBS01

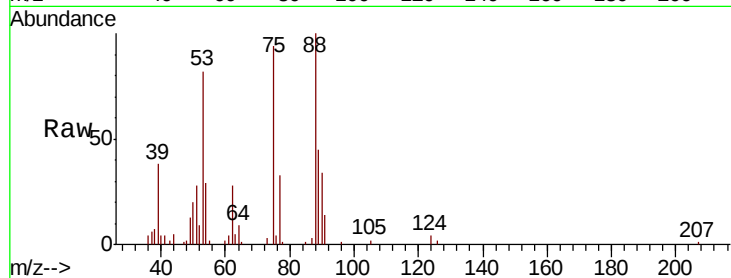
Tot Ion: 75 Resp: 29283

Ion Ratio Lower Upper

75 100

53 90.2 68.1 102.1

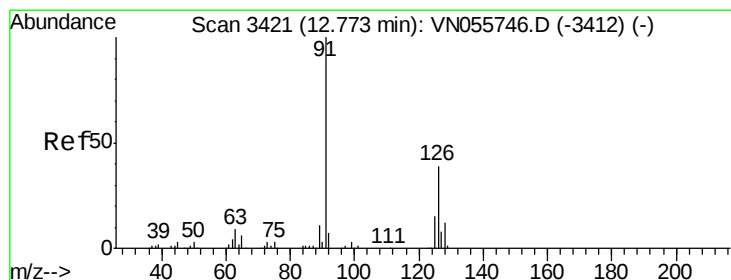
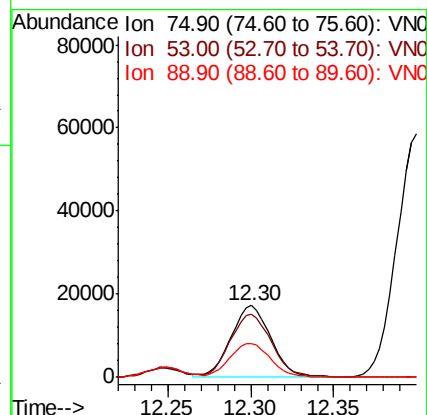
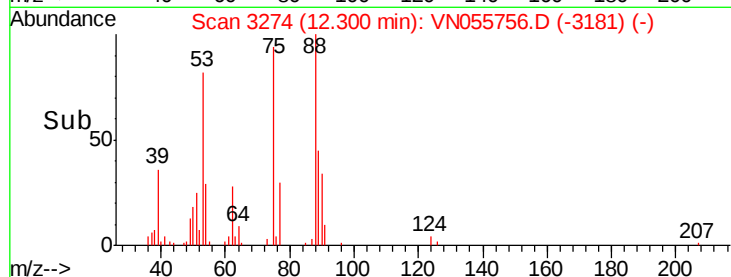
89 47.8 36.9 55.3



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: 19.648 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN055756.D

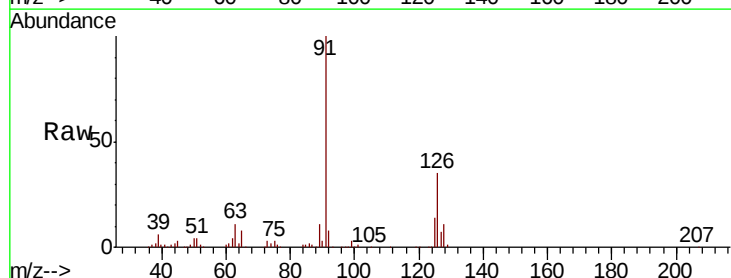
Acq: 23 May 2019 16:21

Tgt Ion: 91 Resp: 206188

Ion Ratio Lower Upper

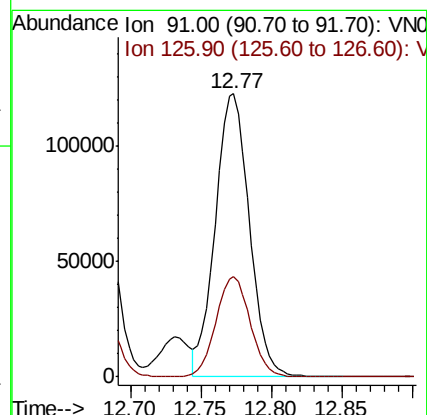
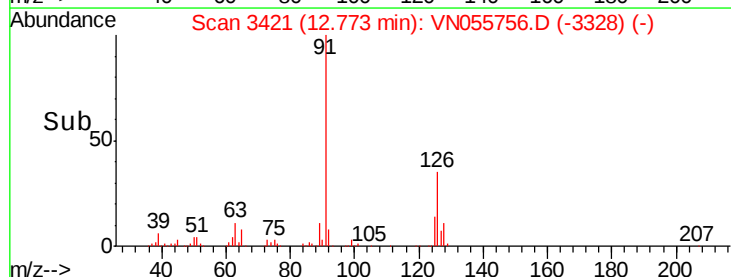
91 100

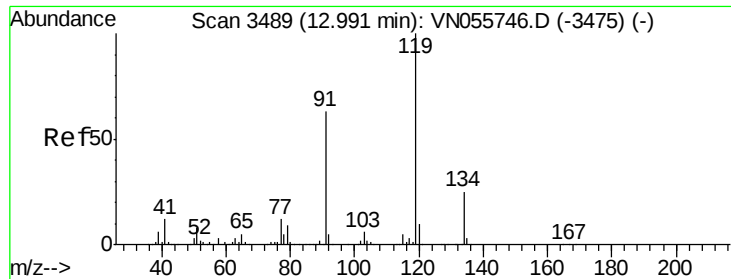
126 35.5 17.8 53.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

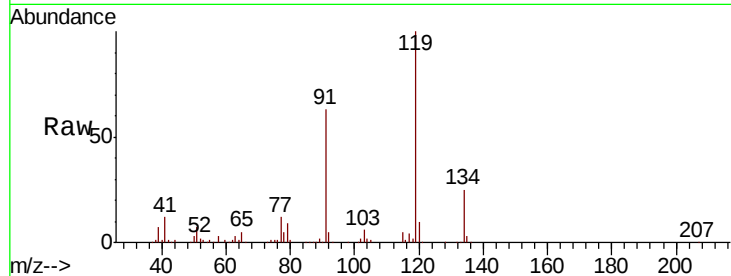




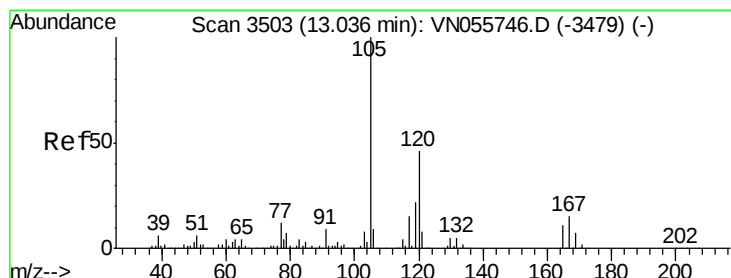
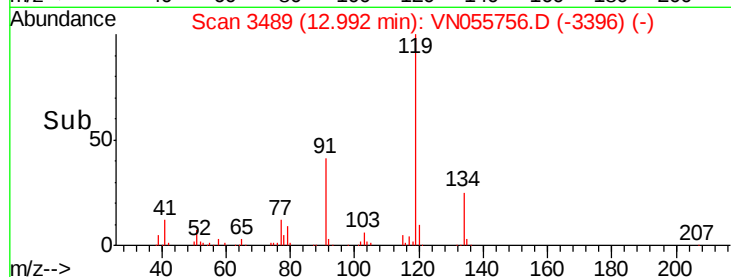
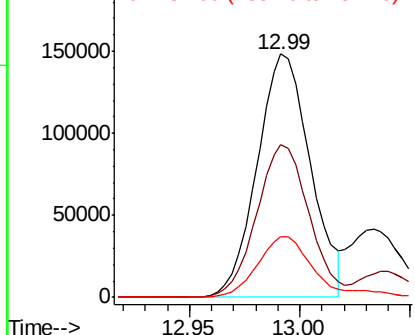
#83
tert-Butylbenzene
Concen: 21.601 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN055756.D
Acq: 23 May 2019 16:21

Instrument :
MSVOA_N
ClientSampleId :
VN0523WBS01

Tot Ion:119 Resp: 247914
Ion Ratio Lower Upper
119 100
91 61.7 30.9 92.8
134 26.8 13.3 39.8

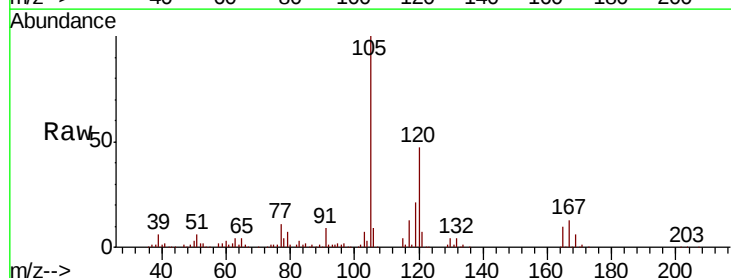


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

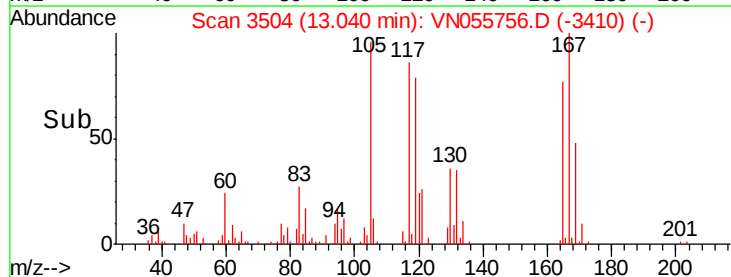
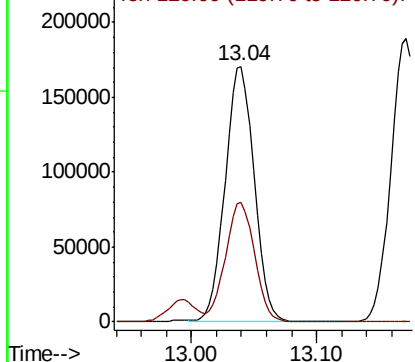


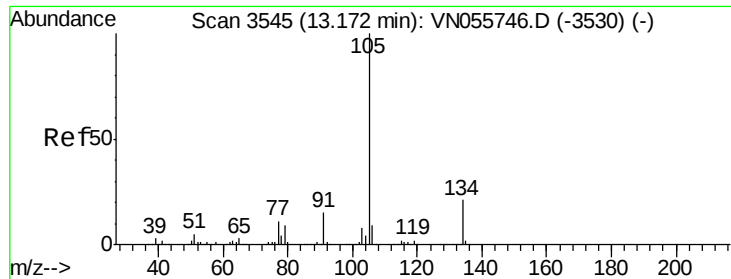
#84
1,2,4-Trimethylbenzene
Concen: 21.007 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN055756.D
Acq: 23 May 2019 16:21

Tgt Ion:105 Resp: 274603
Ion Ratio Lower Upper
105 100
120 46.7 23.0 69.0



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

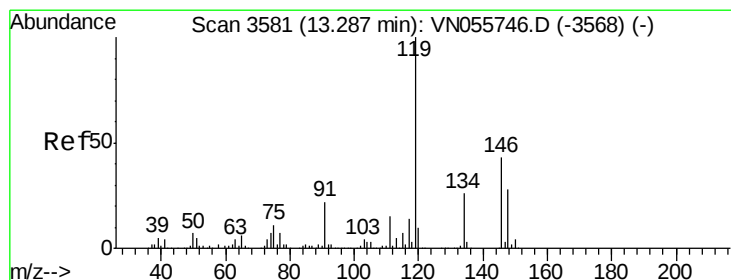
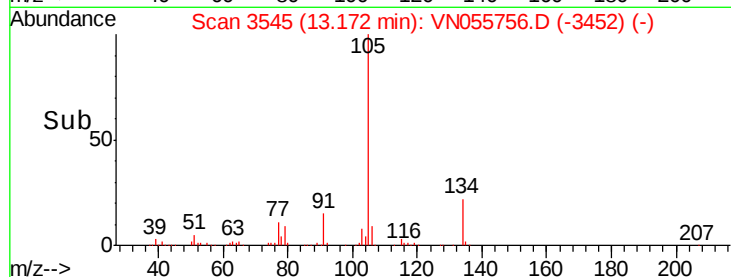
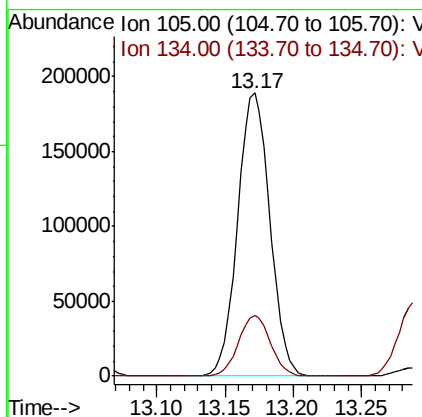
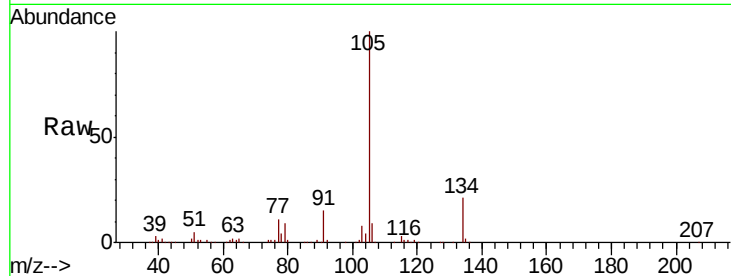




#85
 sec-Butylbenzene
 Concen: 21.045 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN055756.D
 Acq: 23 May 2019 16:21

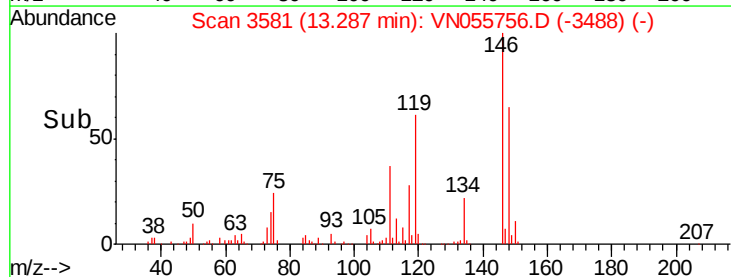
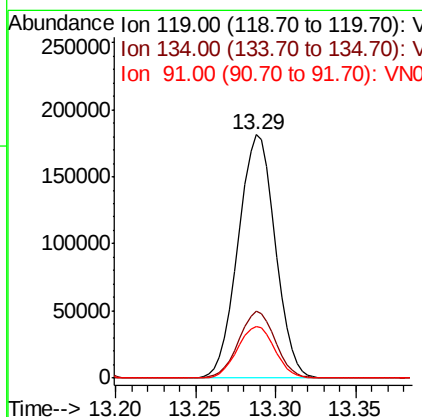
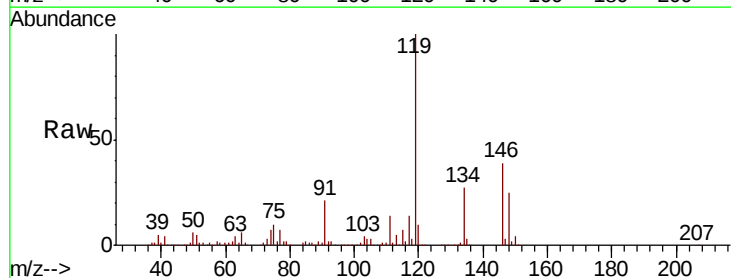
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0523WBS01

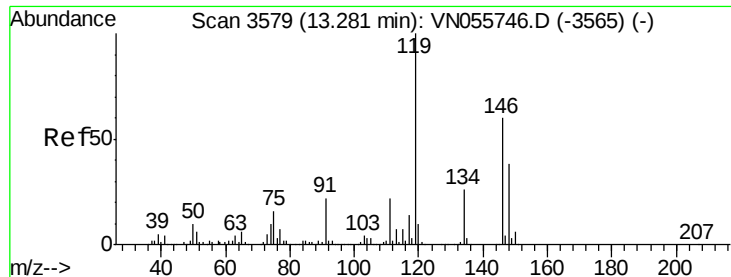
Tot Ion:105 Resp: 309903
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 20.059 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN055756.D
 Acq: 23 May 2019 16:21

Tgt Ion:119 Resp: 286136
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.4 40.1
 91 21.4 10.9 32.9

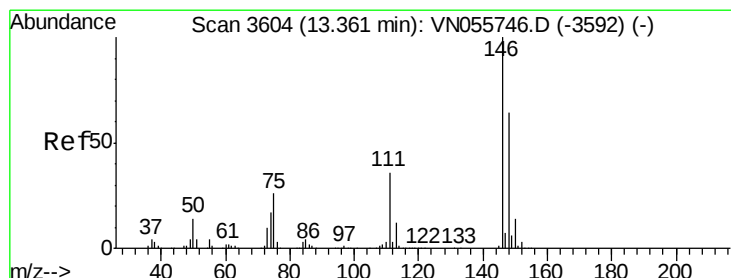
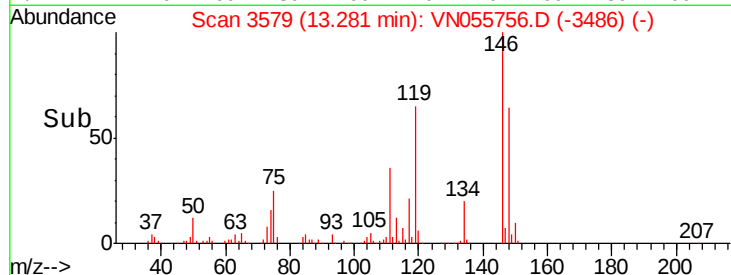
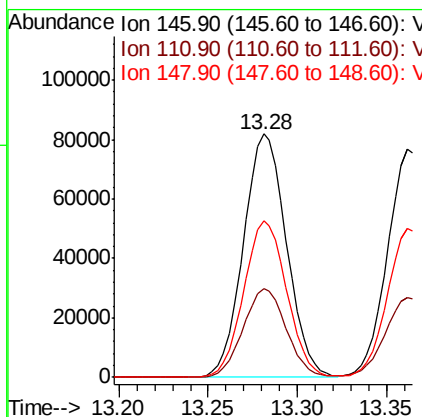
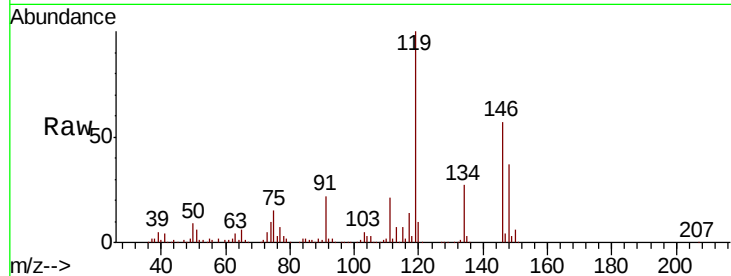




#87
 1,3-Dichlorobenzene
 Concen: 19.903 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN055756.D
 Acq: 23 May 2019 16:21

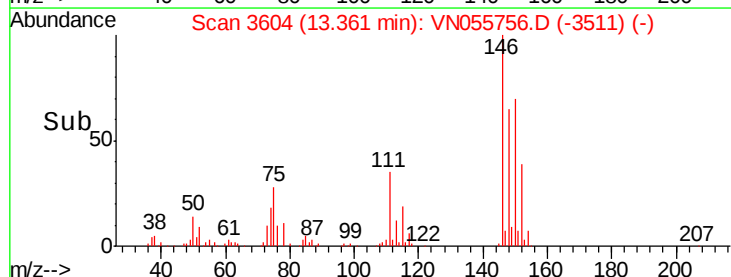
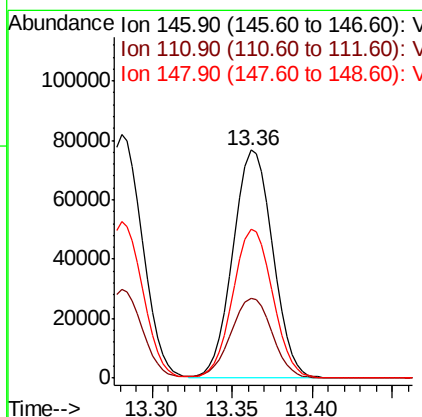
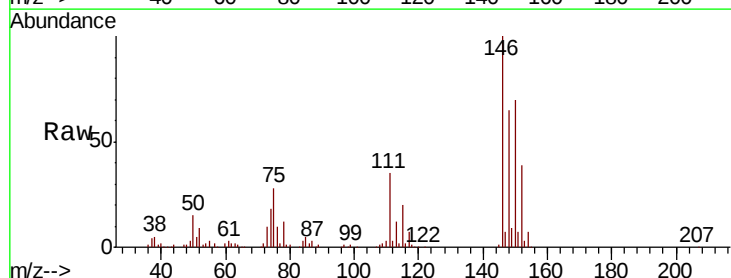
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0523WBS01

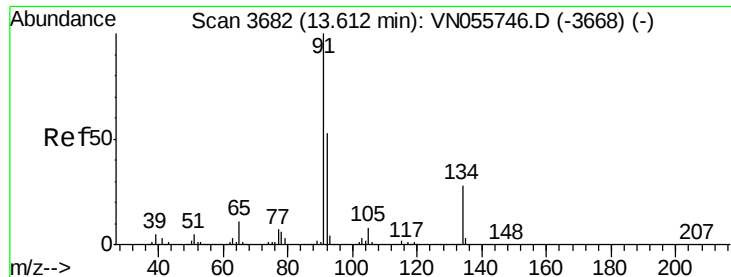
Tot Ion:146 Resp: 138136
 Ion Ratio Lower Upper
 146 100
 111 36.5 18.5 55.5
 148 64.1 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 19.836 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN055756.D
 Acq: 23 May 2019 16:21

Tgt Ion:146 Resp: 130890
 Ion Ratio Lower Upper
 146 100
 111 36.6 18.1 54.4
 148 65.3 32.1 96.5

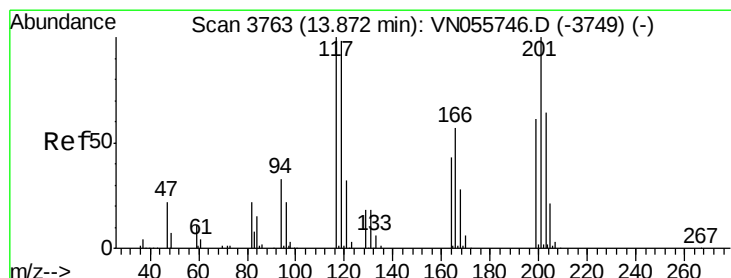
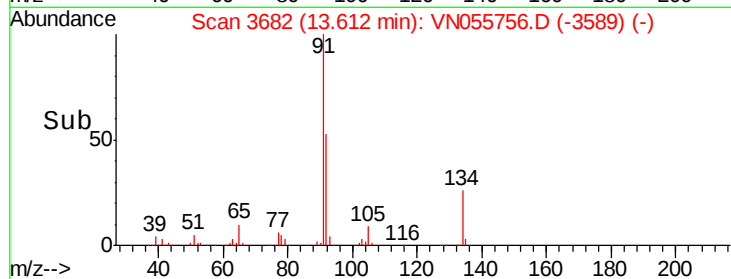
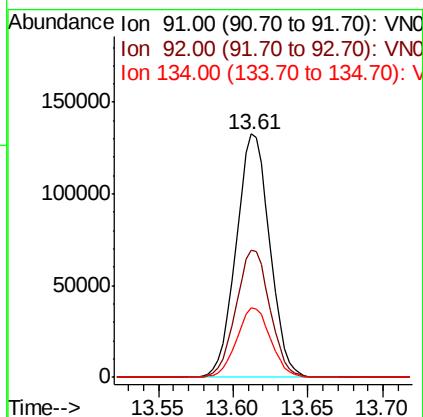
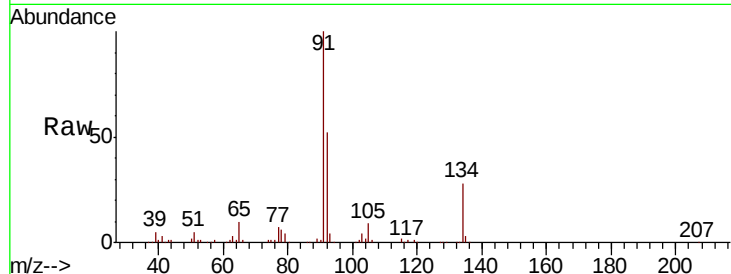




#89
n-Butylbenzene
Concen: 18.981 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN055756.D
Acq: 23 May 2019 16:21

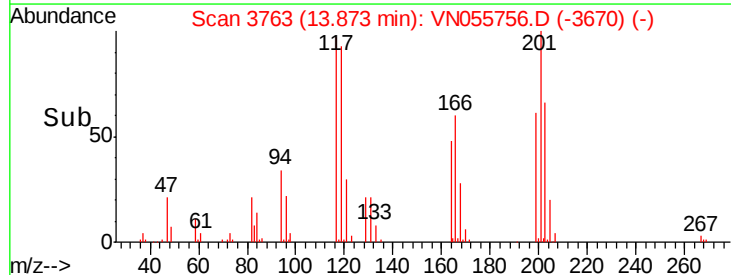
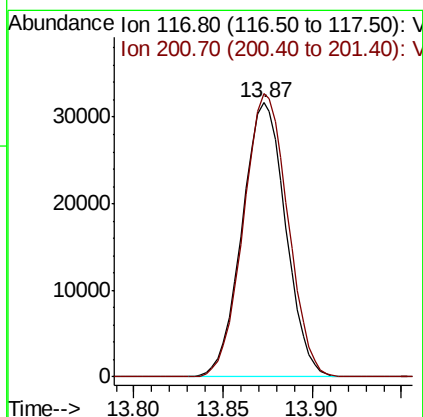
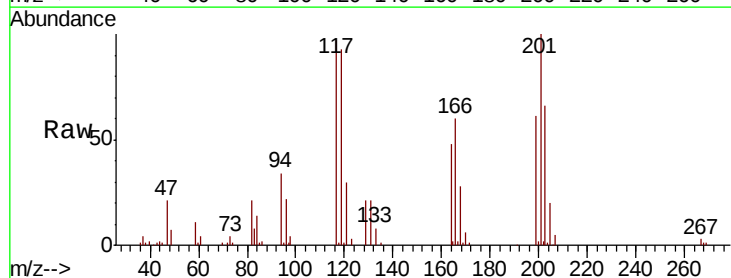
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBS01

Tot Ion: 91 Resp: 207451
Ion Ratio Lower Upper
91 100
92 53.0 26.4 79.0
134 28.7 13.9 41.7



#90
Hexachloroethane
Concen: 19.881 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN055756.D
Acq: 23 May 2019 16:21

Tgt Ion: 117 Resp: 53978
Ion Ratio Lower Upper
117 100
201 105.3 50.0 150.0





#91

1,2-Dichlorobenzene

Concen: 20.248 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN055756.D

Acq: 23 May 2019 16:21

Instrument :

MSVOA_N

ClientSampled :

VN0523WBS01

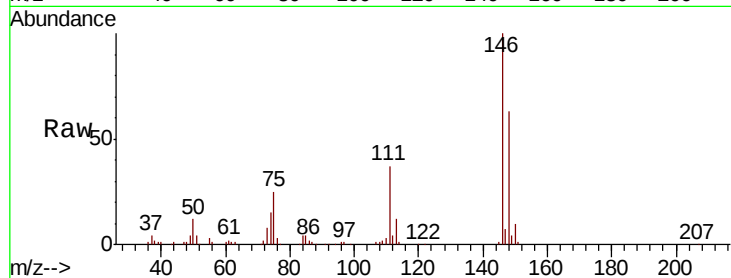
Tot Ion:146 Resp: 140205

Ion Ratio Lower Upper

146 100

111 37.9 19.1 57.5

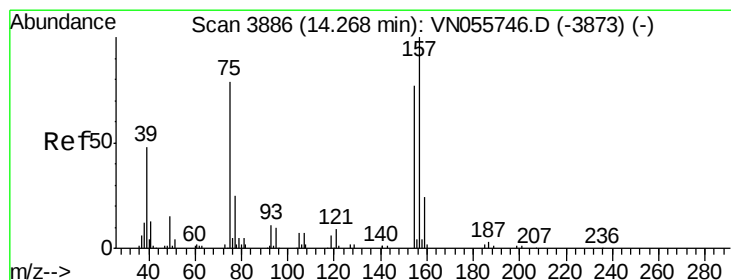
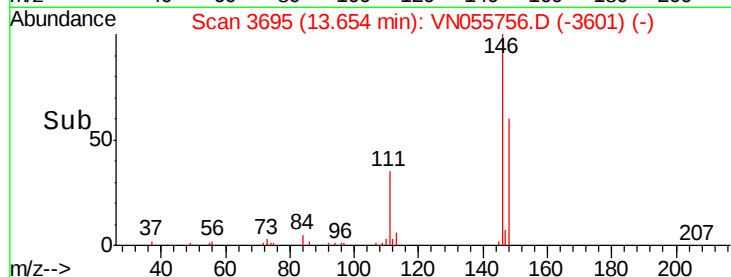
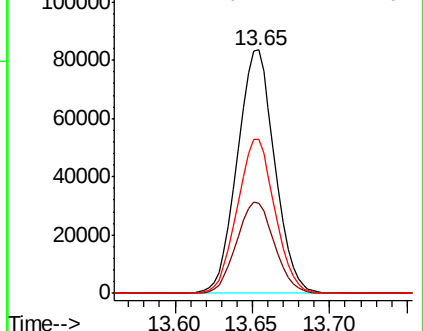
148 63.7 31.9 95.9



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: 19.085 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN055756.D

Acq: 23 May 2019 16:21

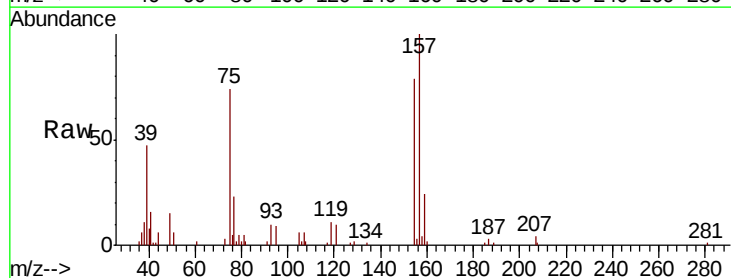
Tgt Ion: 75 Resp: 17370

Ion Ratio Lower Upper

75 100

155 106.1 50.0 150.1

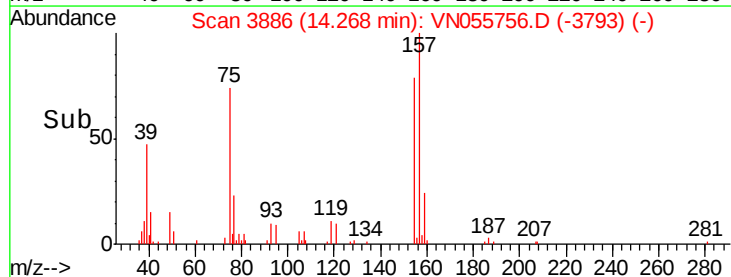
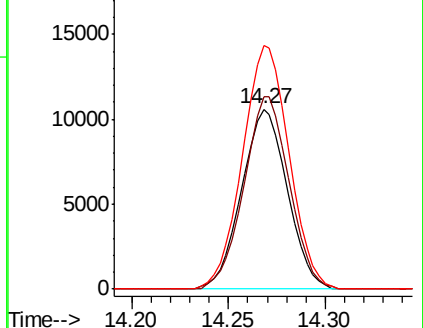
157 138.2 64.8 194.3

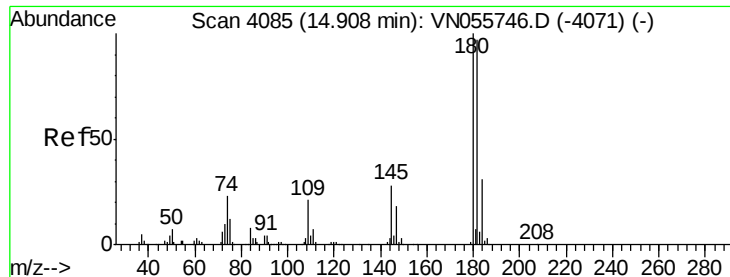


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

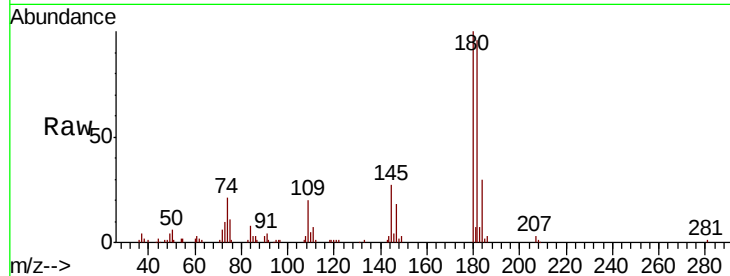




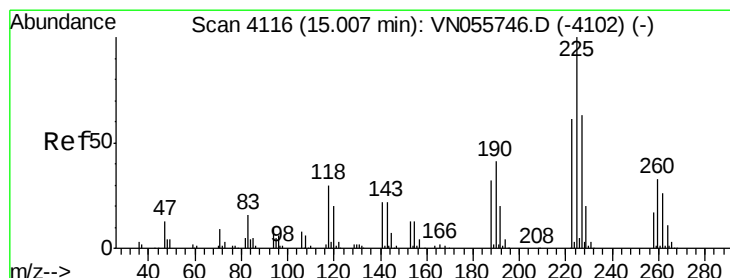
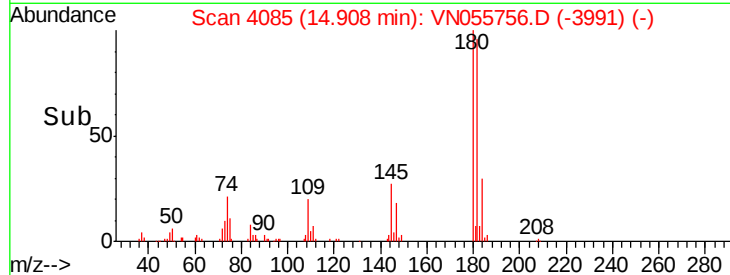
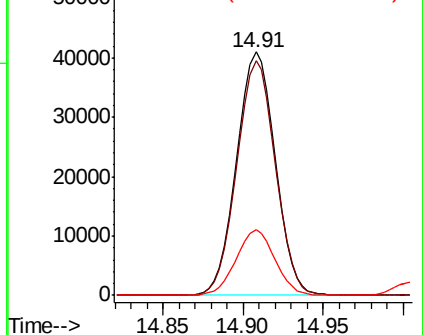
#93
 1,2,4-Trichlorobenzene
 Concen: 19.334 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN055756.D
 Acq: 23 May 2019 16:21

Instrument :
 MSVOA_N
 ClientSampled :
 VN0523WBS01

Tot Ion:180 Resp: 67441
 Ion Ratio Lower Upper
 180 100
 182 95.9 48.3 144.9
 145 26.9 14.0 41.9

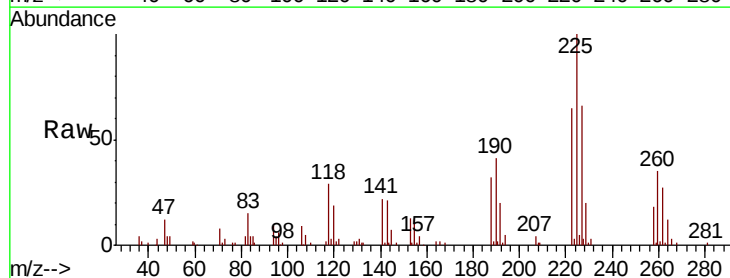


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

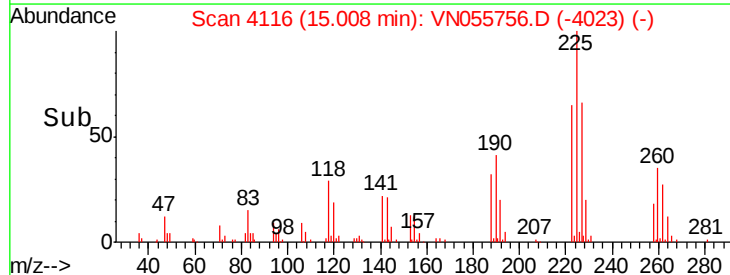
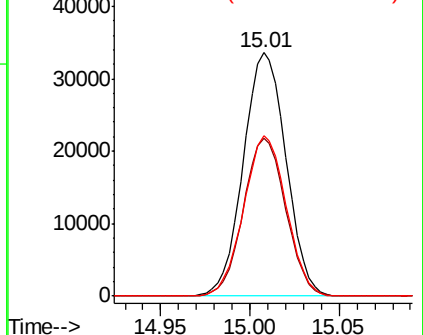


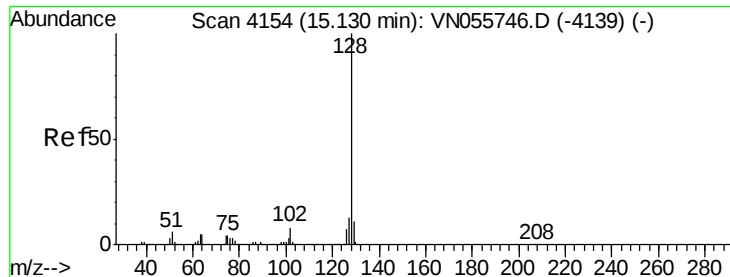
#94
 Hexachlorobutadiene
 Concen: 22.048 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN055756.D
 Acq: 23 May 2019 16:21

Tgt Ion:225 Resp: 56218
 Ion Ratio Lower Upper
 225 100
 223 64.2 30.9 92.7
 227 65.5 31.6 94.7



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

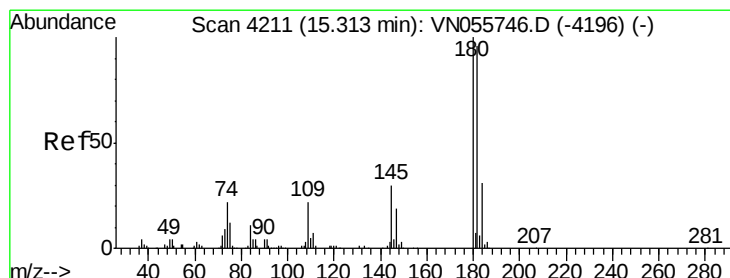
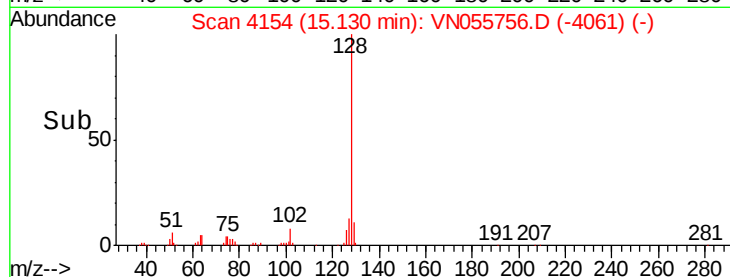
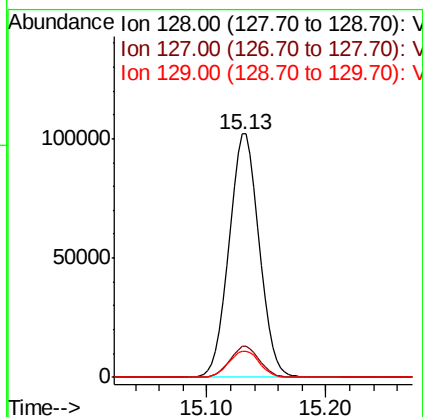
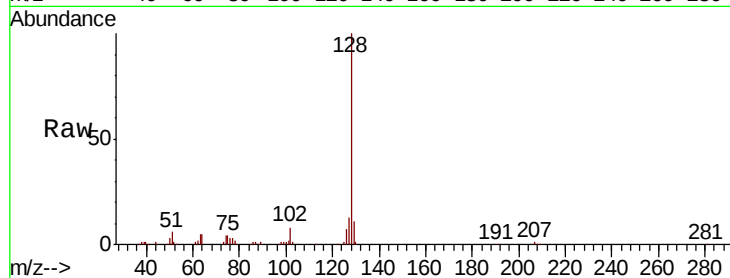




#95
Naphthalene
Concen: 18.876 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN055756.D
Acq: 23 May 2019 16:21

Instrument :
MSVOA_N
ClientSampleId :
VN0523WBS01

Tot Ion:128 Resp: 179356
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.877 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN055756.D
Acq: 23 May 2019 16:21

Tgt Ion:180 Resp: 72758
Ion Ratio Lower Upper
180 100
182 95.3 47.9 143.7
145 29.4 14.9 44.7

