

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052419\
 Data File : VN055800.D
 Acq On : 24 May 2019 16:58
 Operator : JC/SP
 Sample : VN0524WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0524WBS02

Quant Time: May 25 04:28:45 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	359211	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	519346	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	452123	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	193986	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	184744	49.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.60%	
35) Dibromofluoromethane	7.59	113	166230	50.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.26%	
50) Toluene-d8	10.09	98	626328	49.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.46%	
62) 4-Bromofluorobenzene	12.40	95	206726	47.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	42806	17.707	ug/l	100
3) Chloromethane	2.06	50	61771	18.237	ug/l	99
4) Vinyl Chloride	2.18	62	67657	18.727	ug/l	100
5) Bromomethane	2.55	94	48124	21.292	ug/l	97
6) Chloroethane	2.69	64	42042	19.329	ug/l	99
7) Trichlorofluoromethane	3.01	101	91498	19.318	ug/l	98
8) Diethyl Ether	3.41	74	41381	19.493	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.74	101	56095	18.973	ug/l	100
10) Methyl Iodide	3.94	142	81290	18.806	ug/l	99
11) Tert butyl alcohol	4.81	59	68071	96.038	ug/l	97
12) 1,1-Dichloroethene	3.72	96	57344	18.771	ug/l	97
13) Acrolein	3.60	56	40432	79.665	ug/l	97
14) Allyl chloride	4.31	41	96150	18.359	ug/l	99
15) Acrylonitrile	4.99	53	159148	97.783	ug/l	99
16) Acetone	3.82	43	132903	81.502	ug/l	98
17) Carbon Disulfide	4.04	76	153440	17.678	ug/l	100
18) Methyl Acetate	4.33	43	70753	20.599	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	197688	19.402	ug/l	100
20) Methylene Chloride	4.54	84	67422	19.092	ug/l	95
21) trans-1,2-Dichloroethene	5.03	96	63381	19.311	ug/l	95
22) Diisopropyl ether	5.95	45	193897	19.035	ug/l	97
23) Vinyl Acetate	5.90	43	826797	94.671	ug/l	99
24) 1,1-Dichloroethane	5.84	63	112926	19.041	ug/l	99
25) 2-Butanone	6.84	43	211327	92.794	ug/l	98
26) 2,2-Dichloropropane	6.82	77	83557	16.279	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	74746	19.521	ug/l	98
28) Bromochloromethane	7.19	49	56103	19.869	ug/l	96
29) Tetrahydrofuran	7.22	42	143352	99.398	ug/l	99
30) Chloroform	7.37	83	116446	19.688	ug/l	98
31) Cyclohexane	7.65	56	104591	18.784	ug/l	92
32) 1,1,1-Trichloroethane	7.57	97	101767	19.282	ug/l	99
36) 1,1-Dichloropropene	7.79	75	84111	18.585	ug/l	99
37) Ethyl Acetate	6.94	43	86999	19.889	ug/l	99
38) Carbon Tetrachloride	7.77	117	89212	18.924	ug/l	98

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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)
39) Methylcyclohexane	9.08	83	102110	18.219	ug/l	98
40) Benzene	8.04	78	266936	19.570	ug/l	99
41) Methacrylonitrile	7.18	41	38823	17.568	ug/l	93
42) 1,2-Dichloroethane	8.12	62	86237	19.348	ug/l	100
43) Isopropyl Acetate	8.17	43	137427	18.699	ug/l #	90
44) Trichloroethene	8.83	130	77272	20.321	ug/l	99
45) 1,2-Dichloropropane	9.12	63	68208	19.193	ug/l	99
46) Dibromomethane	9.21	93	46440	19.926	ug/l	98
47) Bromodichloromethane	9.40	83	89813	18.793	ug/l	99
48) Methyl methacrylate	9.20	41	65728	19.405	ug/l	97
49) 1,4-Dioxane	9.20	88	30245	429.682	ug/l	95
51) 4-Methyl-2-Pentanone	9.99	43	422120	97.248	ug/l	99
52) Toluene	10.16	92	169787	19.792	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	92653	18.163	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	105302	18.633	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	69079	20.100	ug/l	100
56) Ethyl methacrylate	10.43	69	102186	19.239	ug/l	100
57) 1,3-Dichloropropane	10.71	76	110436	19.769	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	191951	94.567	ug/l	99
59) 2-Hexanone	10.75	43	293770	95.402	ug/l	100
60) Dibromochloromethane	10.90	129	75292	18.806	ug/l	99
61) 1,2-Dibromoethane	11.00	107	70249	19.707	ug/l	97
64) Tetrachloroethene	10.63	164	78486	20.582	ug/l	98
65) Chlorobenzene	11.43	112	181049	20.003	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	70698	19.585	ug/l	100
67) Ethyl Benzene	11.51	91	318708	19.636	ug/l	99
68) m/p-Xylenes	11.62	106	243988	39.763	ug/l	99
69) o-Xylene	11.95	106	122082	20.053	ug/l	99
70) Styrene	11.96	104	194021	19.680	ug/l	100
71) Bromoform	12.13	173	57592	18.704	ug/l #	99
73) Isopropylbenzene	12.25	105	315569	21.340	ug/l	100
74) N-amyl acetate	12.07	43	113381	20.227	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	95853	21.571	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	111877	32.384	ug/l #	100
77) Bromobenzene	12.53	156	82925	20.033	ug/l	97
78) n-propylbenzene	12.59	91	321174	19.049	ug/l	98
79) 2-Chlorotoluene	12.67	91	201350	20.676	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	256790	20.603	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	25823	17.911	ug/l	99
82) 4-Chlorotoluene	12.77	91	191150	19.287	ug/l	100
83) tert-Butylbenzene	12.99	119	230313	21.196	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	254618	20.580	ug/l	100
85) sec-Butylbenzene	13.17	105	284432	20.382	ug/l	100
86) p-Isopropyltoluene	13.29	119	257592	19.121	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	128886	19.664	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	121353	19.473	ug/l	99
89) n-Butylbenzene	13.61	91	182656	17.696	ug/l	99
90) Hexachloroethane	13.87	117	46973	18.319	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	131477	20.105	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	16512	19.211	ug/l	97

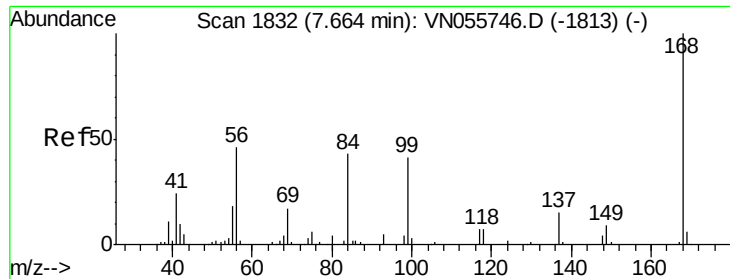
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052419\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	56584	17.582	ug/l	99
94) Hexachlorobutadiene	15.01	225	47918	19.715	ug/l	98
95) Naphthalene	15.13	128	159058	17.725	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	62573	18.101	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN055800.D

Acq: 24 May 2019 16:58

Instrument :

MSVOA_N

ClientSampleId :

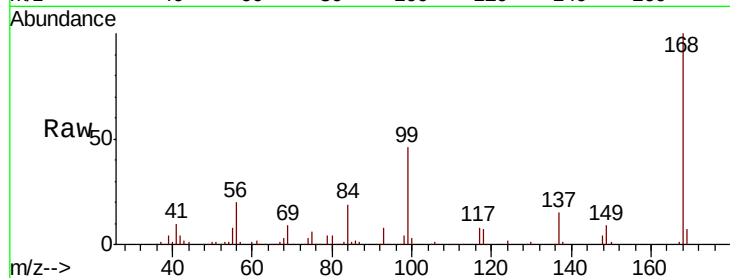
VN0524WBS02

Tot Ion:168 Resp: 359211

Ion Ratio Lower Upper

168 100

99 45.2 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

150000

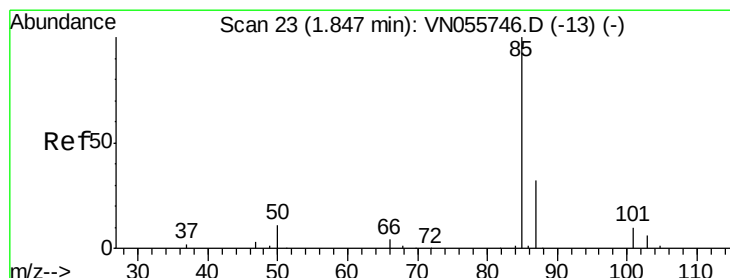
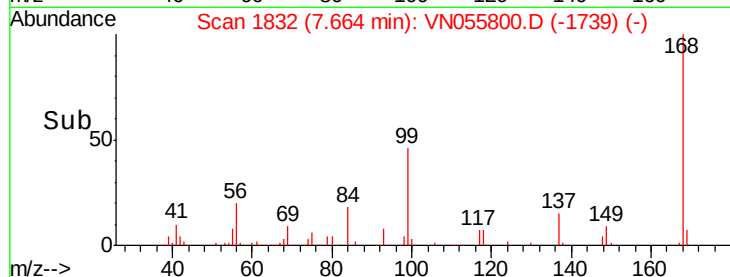
100000

50000

0

7.50 7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 17.707 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN055800.D

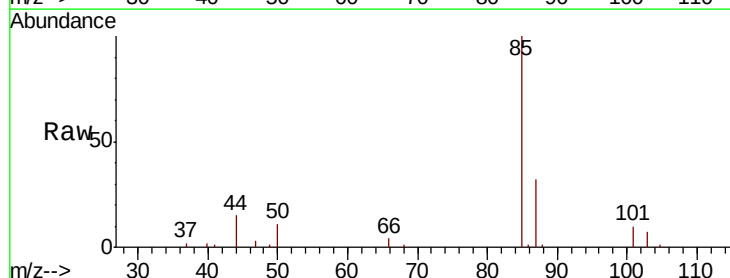
Acq: 24 May 2019 16:58

Tgt Ion: 85 Resp: 42806

Ion Ratio Lower Upper

85 100

87 32.3 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.85

30000

25000

20000

15000

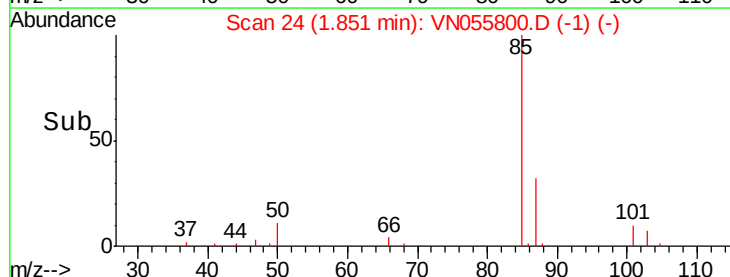
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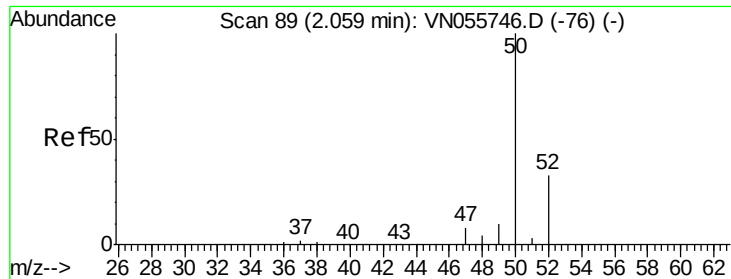
5000

0

1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 18.237 ug/l

RT: 2.06 min Scan# 90

Delta R.T. 0.00 min

Lab File: VN055800.D

Acq: 24 May 2019 16:58

Instrument :

MSVOA_N

ClientSampleId :

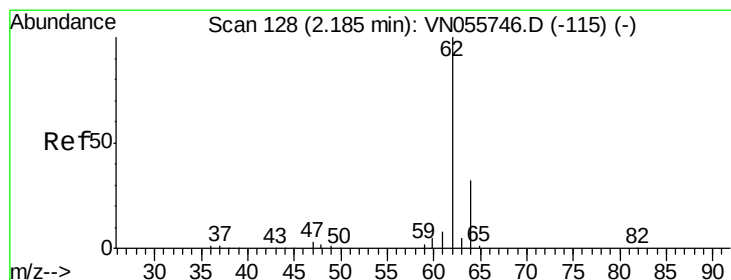
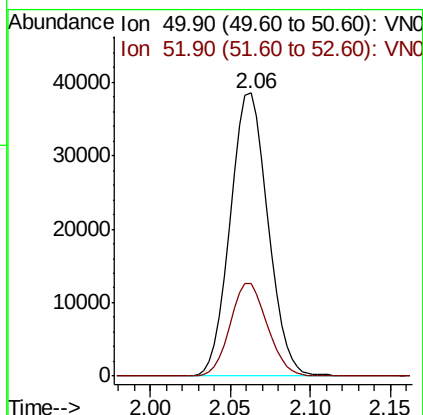
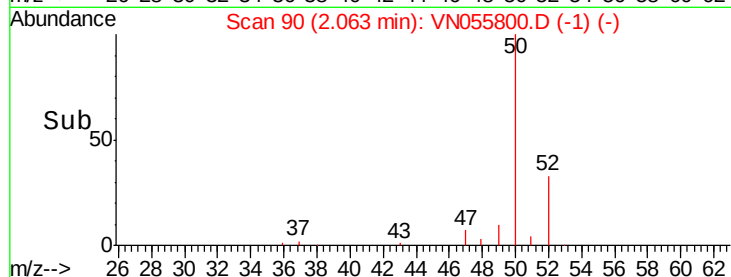
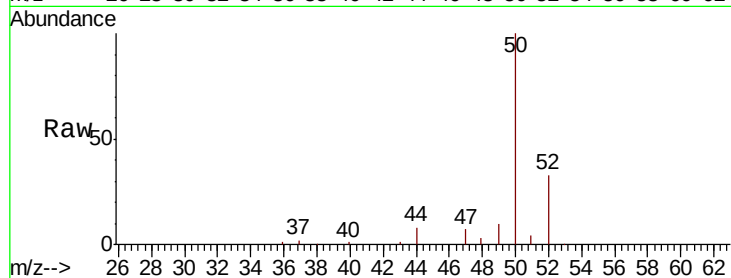
VN0524WBS02

Tot Ion: 50 Resp: 61771

Ion Ratio Lower Upper

50 100

52 32.7 26.6 40.0



#4

Vinyl Chloride

Concen: 18.727 ug/l

RT: 2.18 min Scan# 128

Delta R.T. 0.00 min

Lab File: VN055800.D

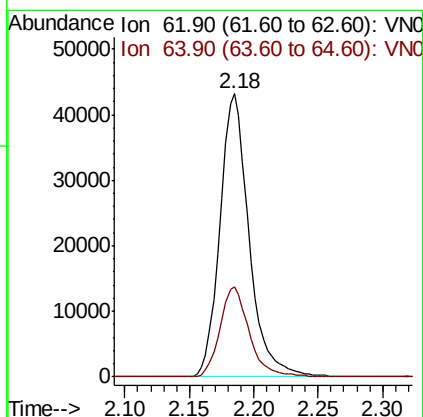
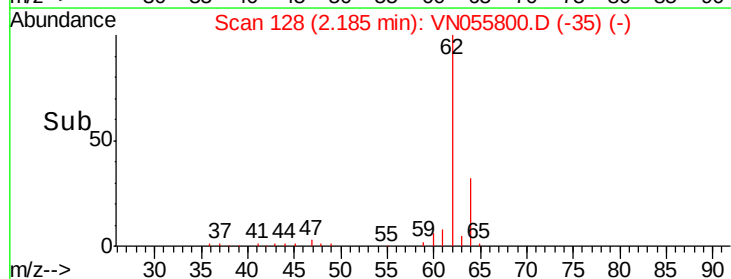
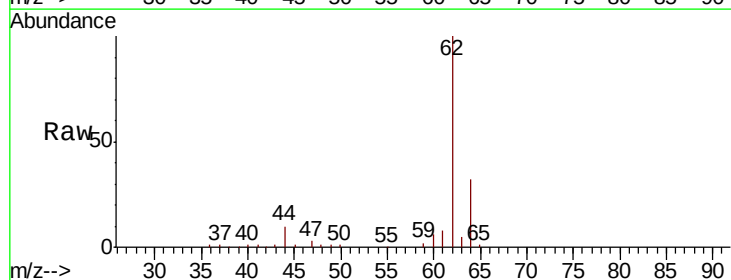
Acq: 24 May 2019 16:58

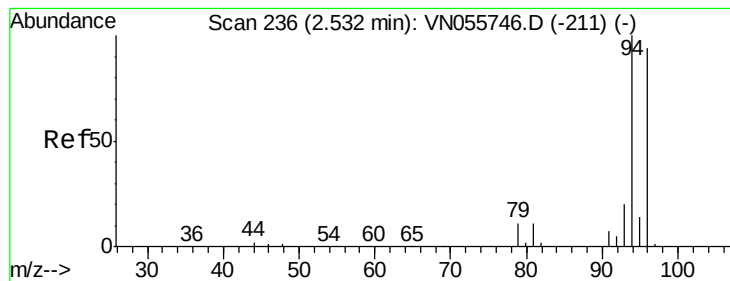
Tgt Ion: 62 Resp: 67657

Ion Ratio Lower Upper

62 100

64 31.8 25.6 38.4





#5

Bromomethane

Concen: 21.292 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.01 min

Lab File: VN055800.D

Acq: 24 May 2019 16:58

Instrument :

MSVOA_N

ClientSampleId :

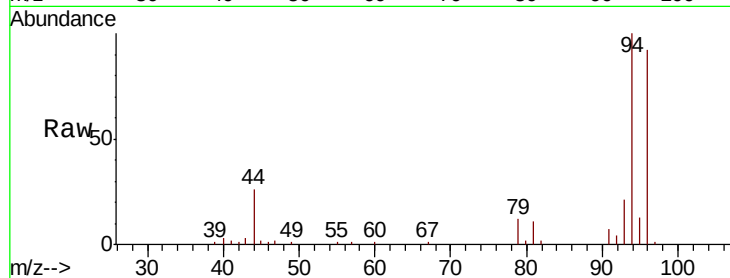
VN0524WBS02

Tot Ion: 94 Resp: 48124

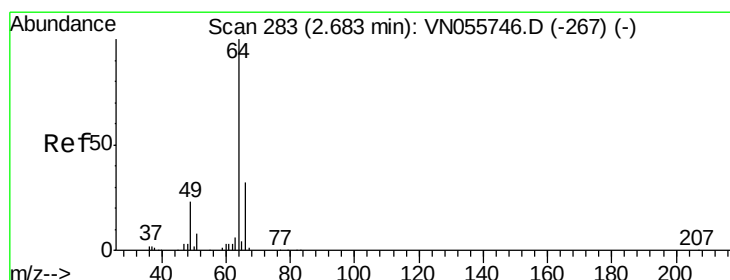
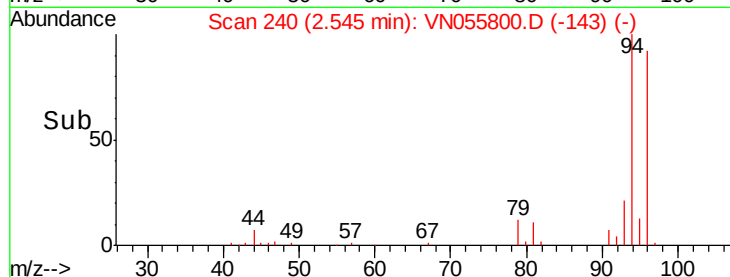
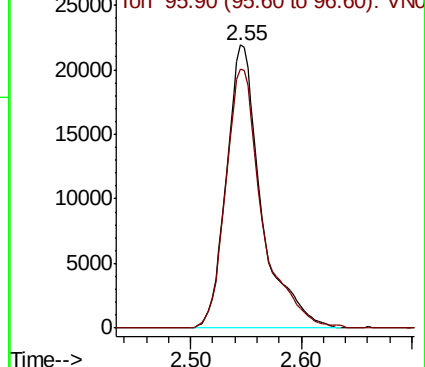
Ion Ratio Lower Upper

94 100

96 91.6 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VN055800.D (-143) (-)



#6

Chloroethane

Concen: 19.329 ug/l

RT: 2.69 min Scan# 286

Delta R.T. 0.01 min

Lab File: VN055800.D

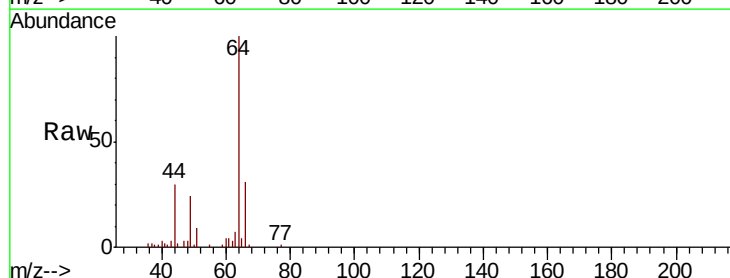
Acq: 24 May 2019 16:58

Tgt Ion: 64 Resp: 42042

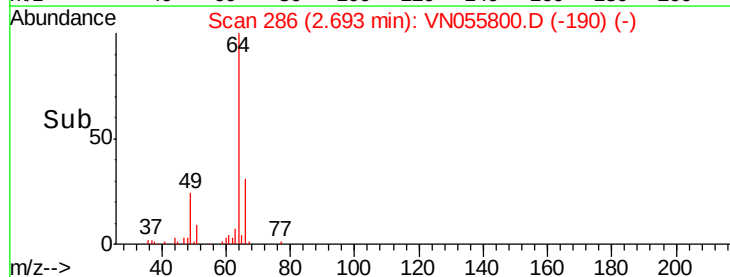
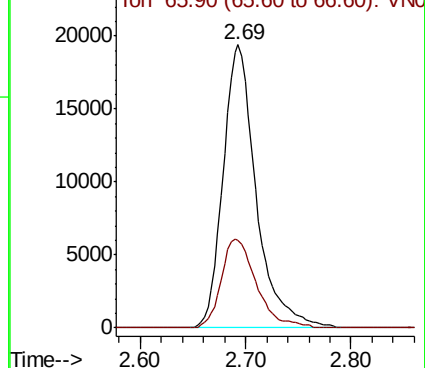
Ion Ratio Lower Upper

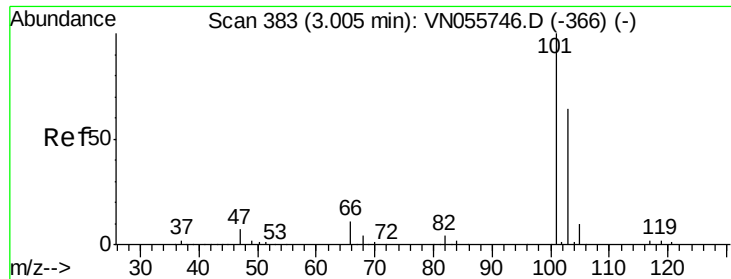
64 100

66 31.1 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VN055800.D (-190) (-)



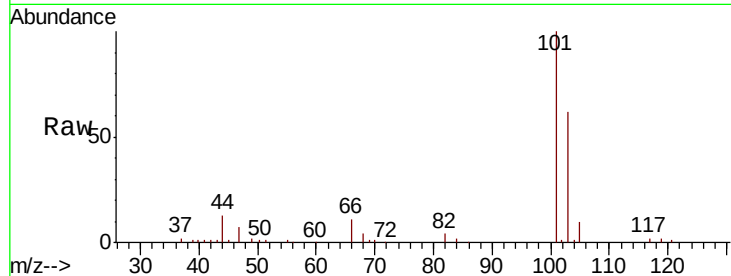


#7

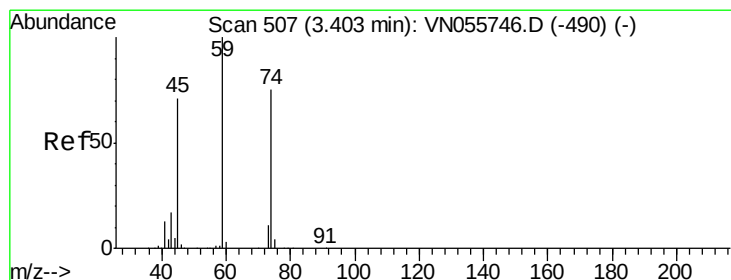
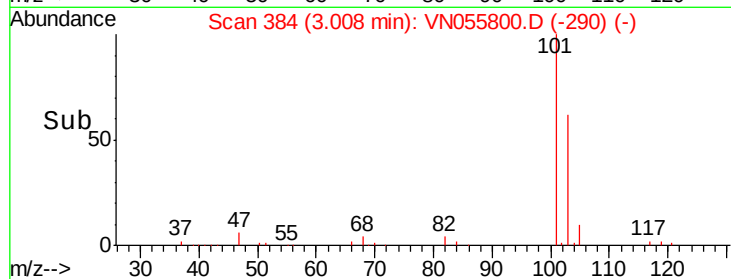
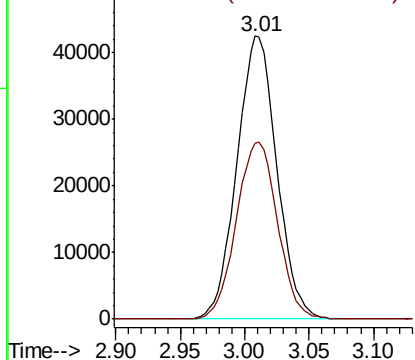
Trichlorofluoromethane
Concen: 19.318 ug/l
RT: 3.01 min Scan# 384
Delta R.T. 0.00 min
Lab File: VN055800.D
Acq: 24 May 2019 16:58

Instrument :
MSVOA_N
ClientSampleId :
VN0524WBS02

Tot Ion:101 Resp: 91498
Ion Ratio Lower Upper
101 100
103 62.3 51.2 76.8



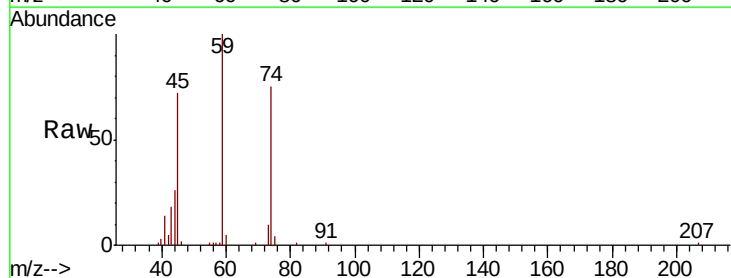
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



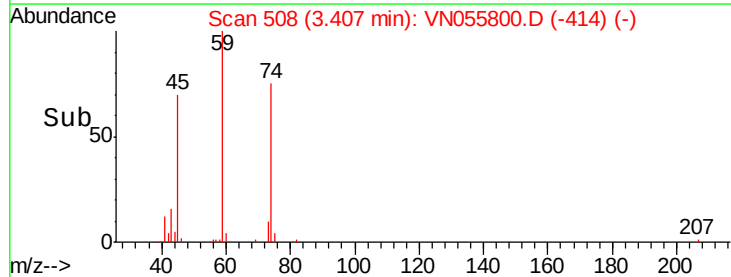
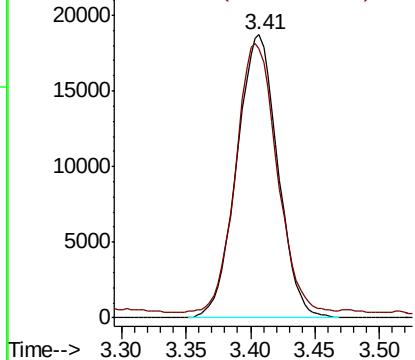
#8

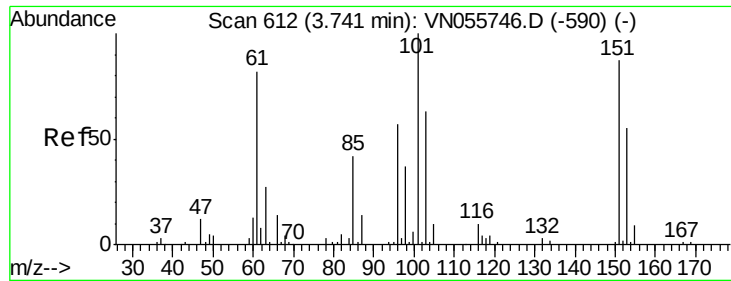
Diethyl Ether
Concen: 19.493 ug/l
RT: 3.41 min Scan# 508
Delta R.T. 0.00 min
Lab File: VN055800.D
Acq: 24 May 2019 16:58

Tgt Ion: 74 Resp: 41381
Ion Ratio Lower Upper
74 100
45 95.3 48.6 145.9



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.973 ug/l

RT: 3.74 min Scan# 612

Delta R.T. 0.00 min

Lab File: VN055800.D

Acq: 24 May 2019 16:58

Instrument :

MSVOA_N

ClientSampleId :

VN0524WBS02

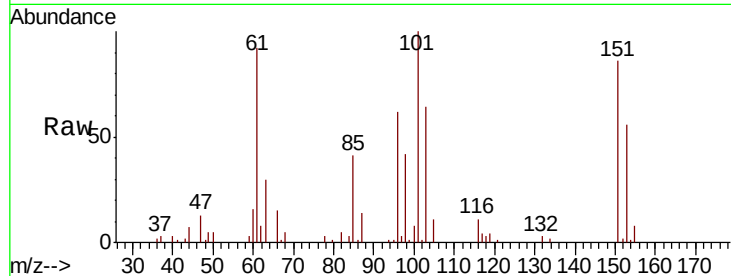
Tot Ion:101 Resp: 56095

Ion Ratio Lower Upper

101 100

85 41.8 33.4 50.2

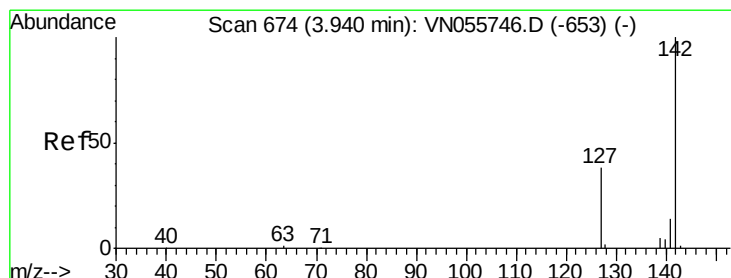
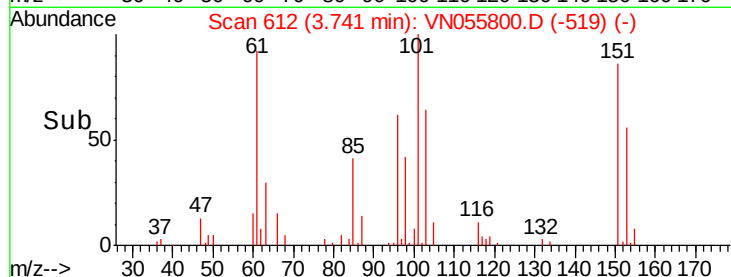
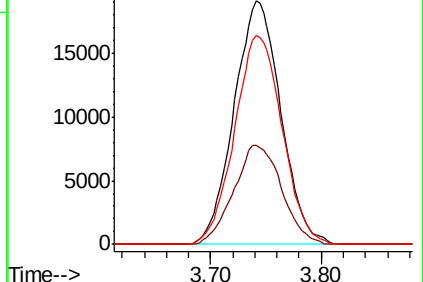
151 87.3 69.4 104.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.806 ug/l

RT: 3.94 min Scan# 674

Delta R.T. 0.00 min

Lab File: VN055800.D

Acq: 24 May 2019 16:58

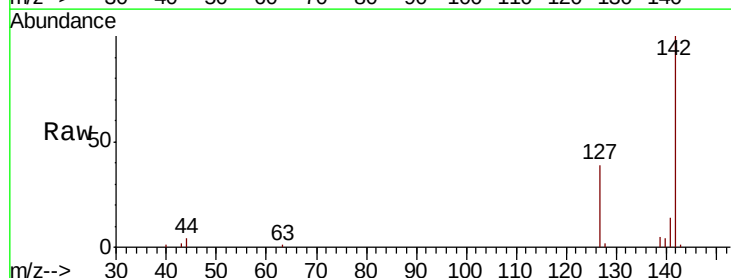
Tgt Ion:142 Resp: 81290

Ion Ratio Lower Upper

142 100

127 38.0 31.0 46.4

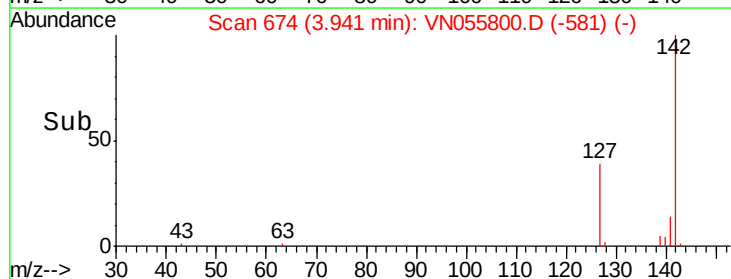
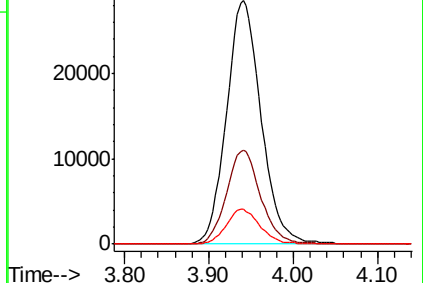
141 13.9 11.4 17.0

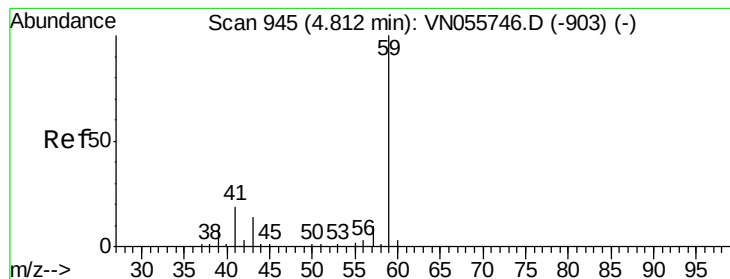


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



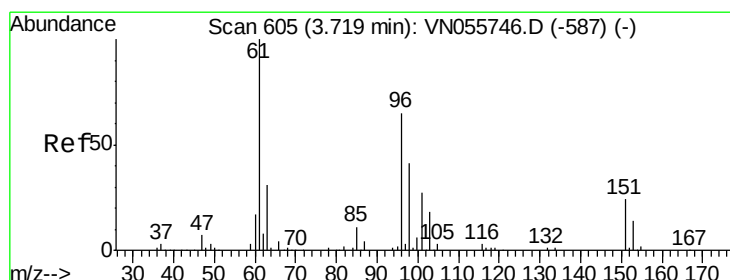
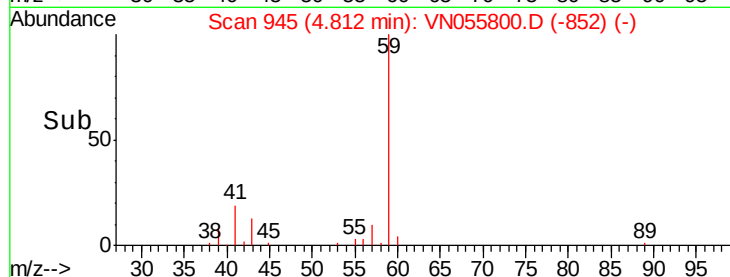
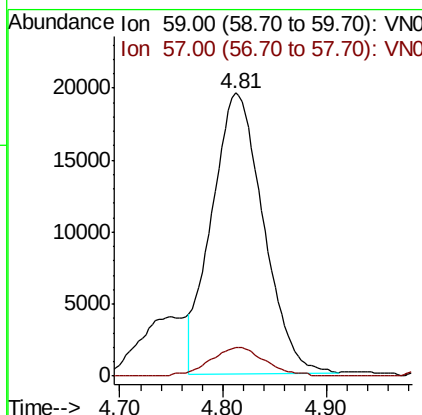
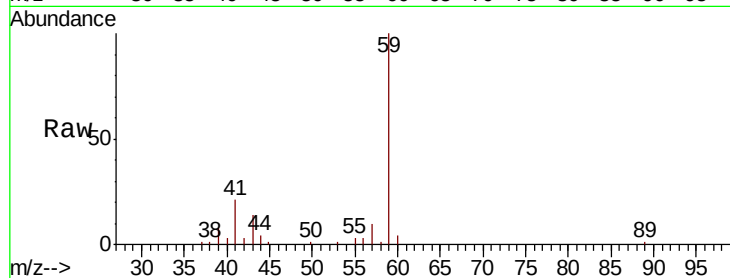


#11

Tert butyl alcohol
 Concen: 96.038 ug/l
 RT: 4.81 min Scan# 945
 Delta R.T. 0.00 min
 Lab File: VN055800.D
 Acq: 24 May 2019 16:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0524WBS02

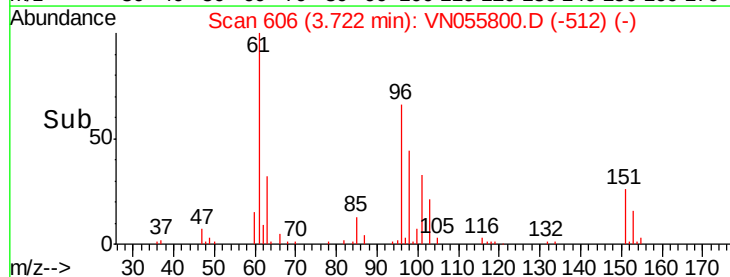
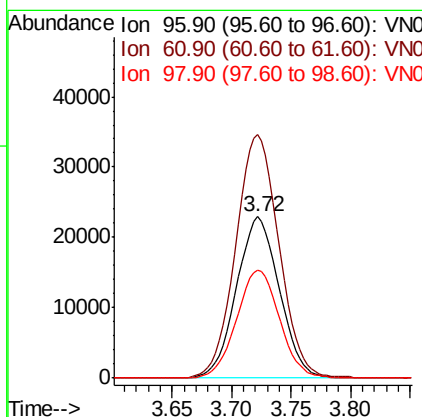
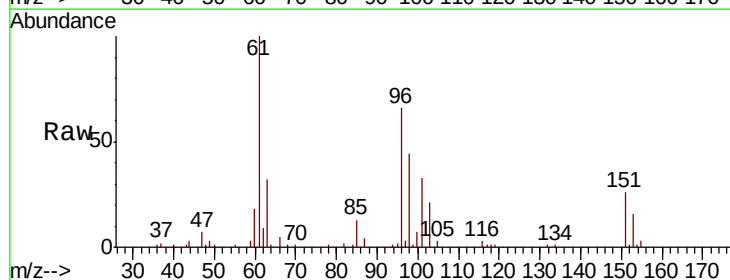
Tot Ion: 59 Resp: 68071
 Ion Ratio Lower Upper
 59 100
 57 10.7 7.8 11.6

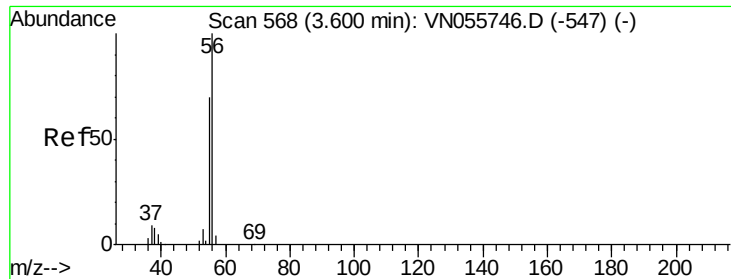


#12

1,1-Dichloroethene
 Concen: 18.771 ug/l
 RT: 3.72 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: VN055800.D
 Acq: 24 May 2019 16:58

Tgt Ion: 96 Resp: 57344
 Ion Ratio Lower Upper
 96 100
 61 151.1 123.2 184.8
 98 66.8 50.4 75.6





#13

Acrolein

Concen: 79.665 ug/l

RT: 3.60 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN055800.D

Acq: 24 May 2019 16:58

Instrument :

MSVOA_N

ClientSampleId :

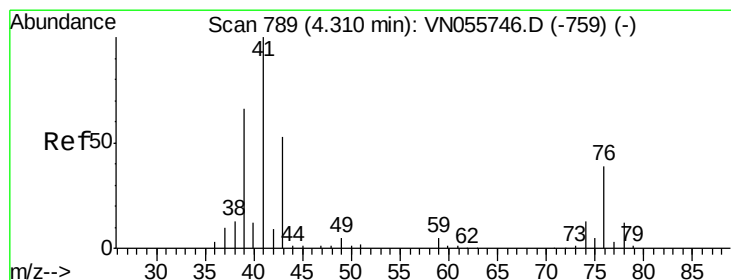
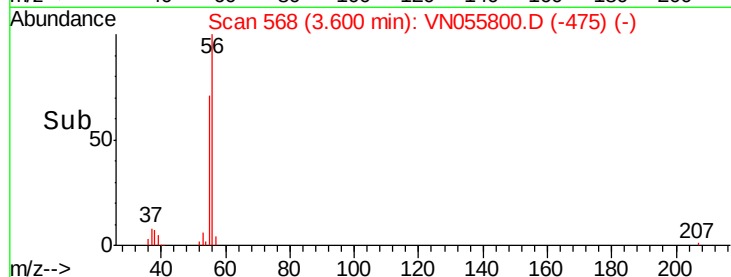
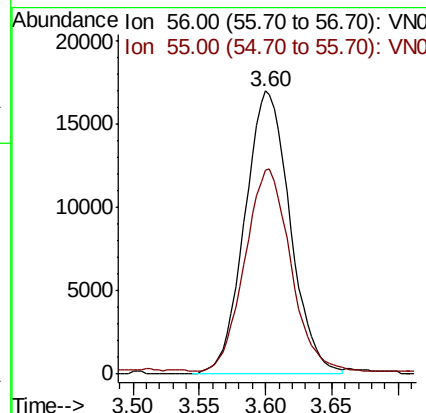
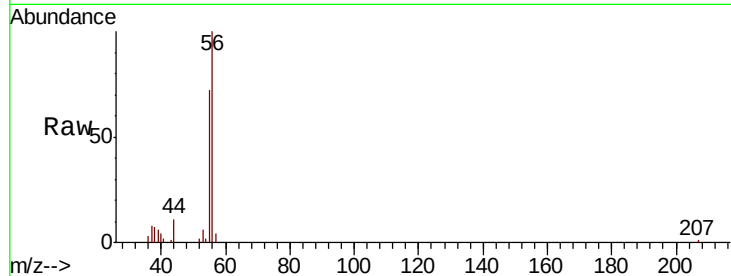
VN0524WBS02

Tot Ion: 56 Resp: 40432

Ion Ratio Lower Upper

56 100

55 72.0 55.4 83.2



#14

Allyl chloride

Concen: 18.359 ug/l

RT: 4.31 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN055800.D

Acq: 24 May 2019 16:58

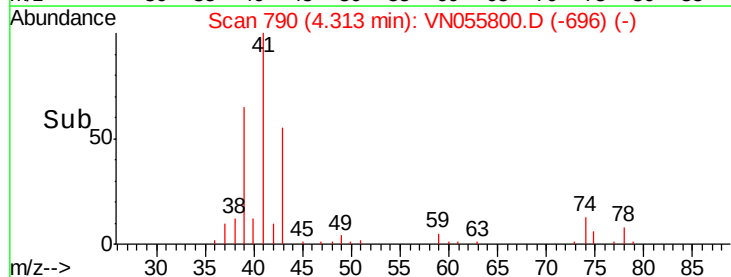
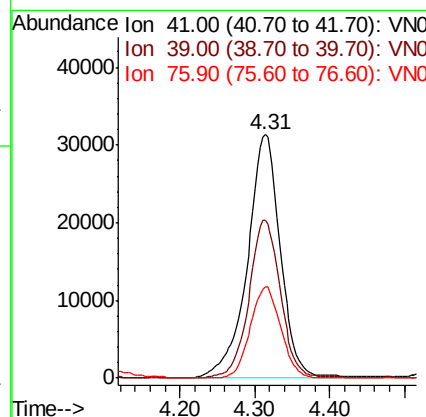
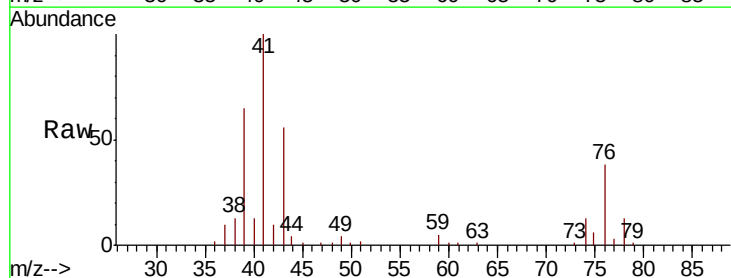
Tgt Ion: 41 Resp: 96150

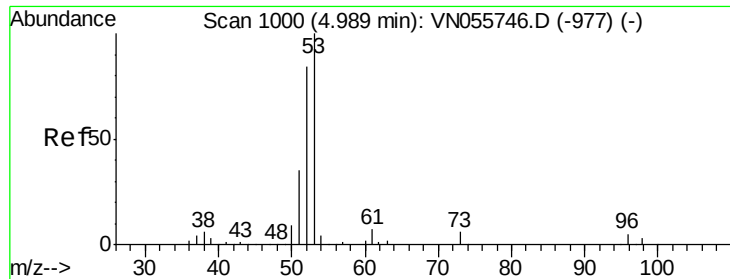
Ion Ratio Lower Upper

41 100

39 61.9 50.0 75.0

76 34.6 28.2 42.2





#15

Acrylonitrile

Concen: 97.783 ug/l

RT: 4.99 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VN055800.D

Acq: 24 May 2019 16:58

Instrument :

MSVOA_N

ClientSampleId :

VN0524WBS02

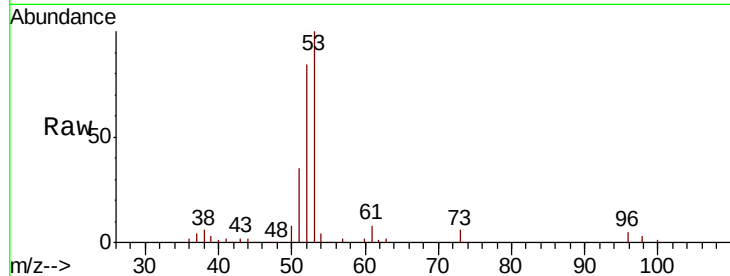
Tot Ion: 53 Resp: 159148

Ion Ratio Lower Upper

53 100

52 83.4 65.8 98.8

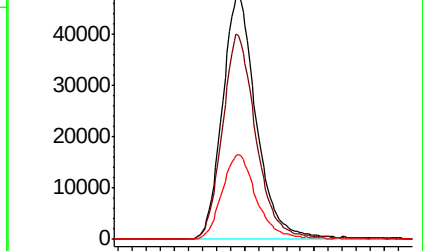
51 35.5 28.2 42.4



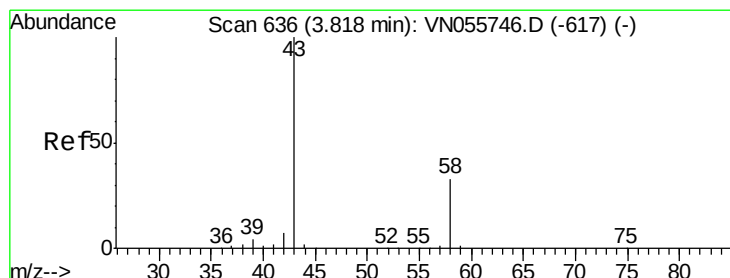
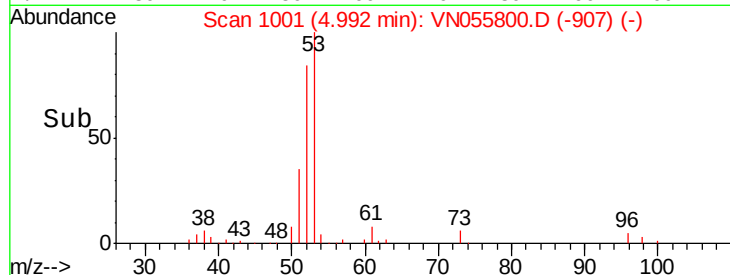
Abundance Ion 53.00 (52.70 to 53.70): VN055800.D (-907) (-)

Ion 52.00 (51.70 to 52.70): VN055800.D (-907) (-)

Ion 51.00 (50.70 to 51.70): VN055800.D (-907) (-)



Time-->



#16

Acetone

Concen: 81.502 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN055800.D

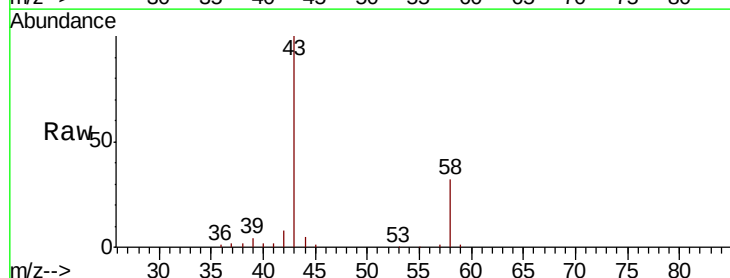
Acq: 24 May 2019 16:58

Tgt Ion: 43 Resp: 132903

Ion Ratio Lower Upper

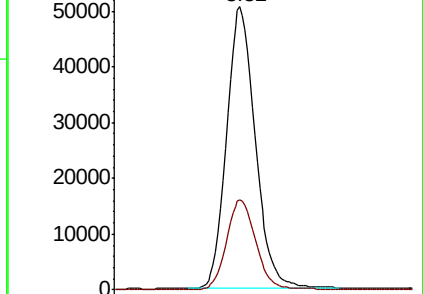
43 100

58 32.1 26.6 39.8

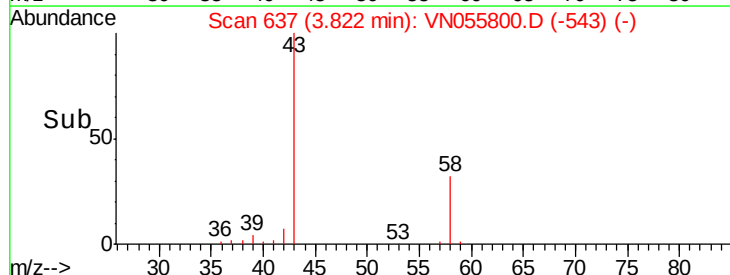


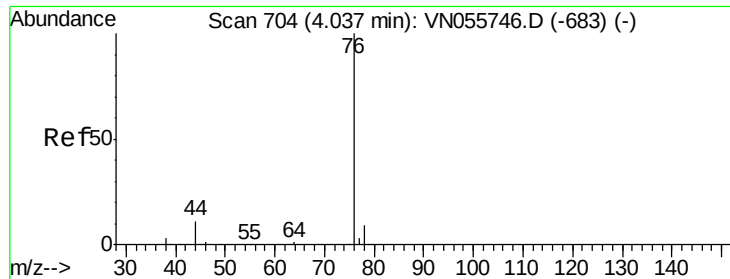
Abundance Ion 43.00 (42.70 to 43.70): VN055800.D (-543) (-)

Ion 58.00 (57.70 to 58.70): VN055800.D (-543) (-)



Time-->

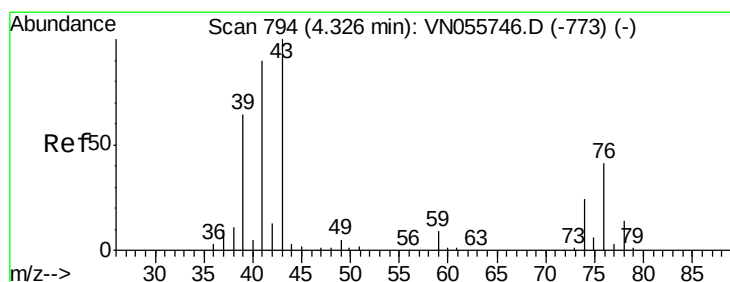
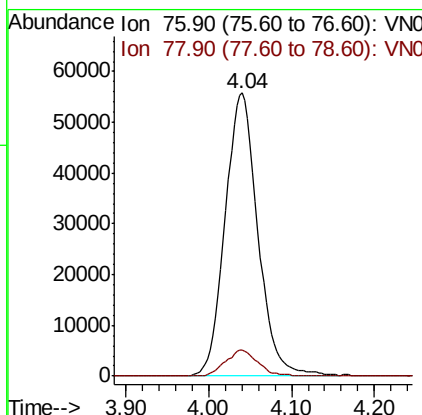
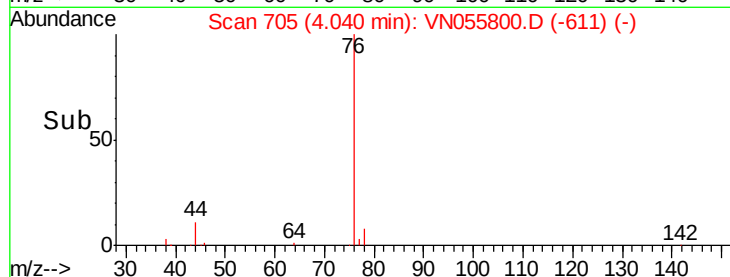
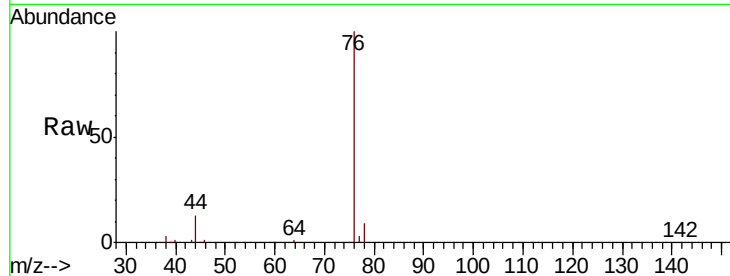




#17
Carbon Disulfide
Concen: 17.678 ug/l
RT: 4.04 min Scan# 705
Delta R.T. 0.00 min
Lab File: VN055800.D
Acq: 24 May 2019 16:58

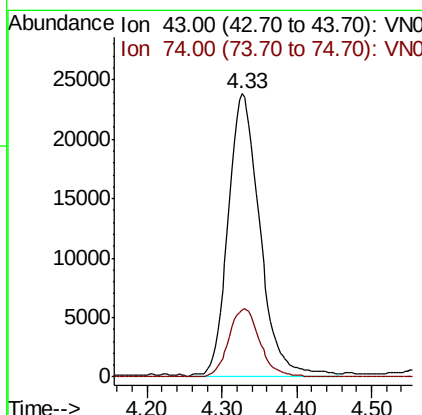
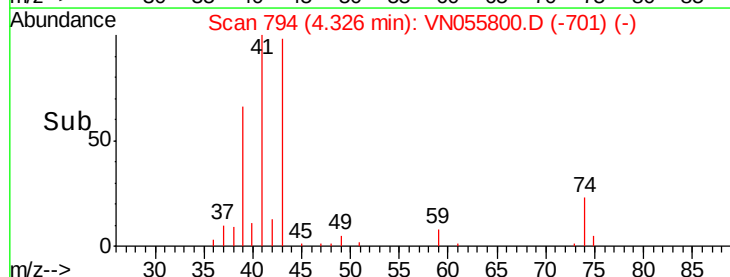
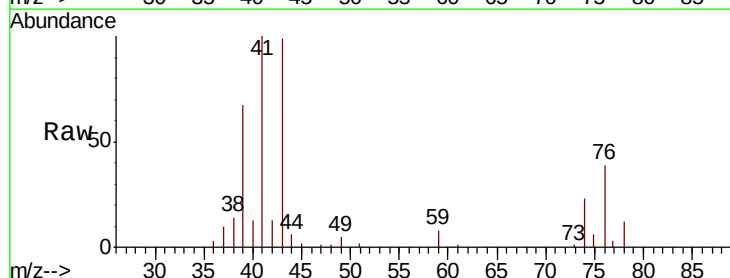
Instrument :
MSVOA_N
ClientSampleId :
VN0524WBS02

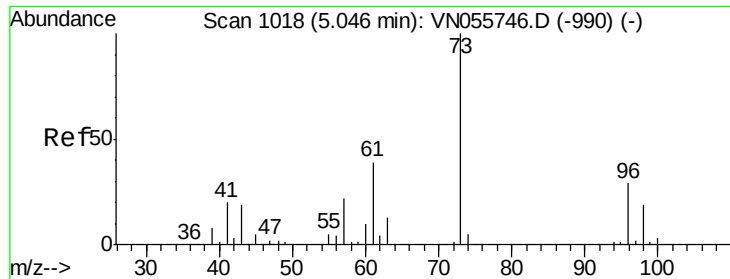
Tot Ion: 76 Resp: 153440
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2



#18
Methyl Acetate
Concen: 20.599 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN055800.D
Acq: 24 May 2019 16:58

Tgt Ion: 43 Resp: 70753
Ion Ratio Lower Upper
43 100
74 23.2 19.3 28.9

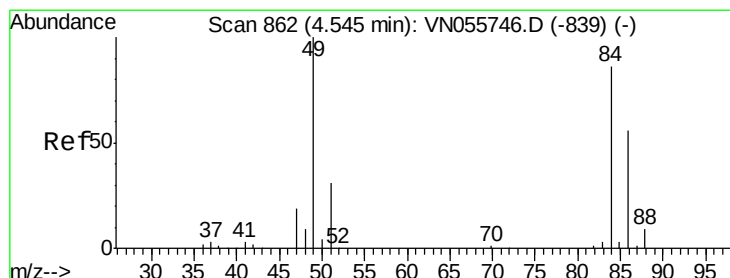
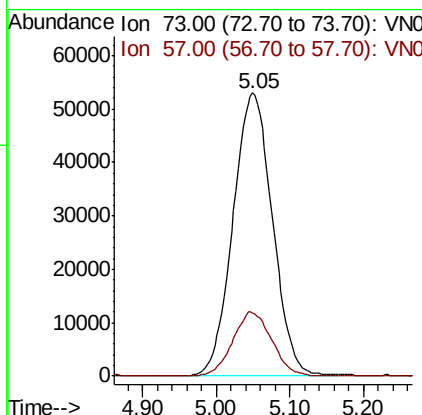
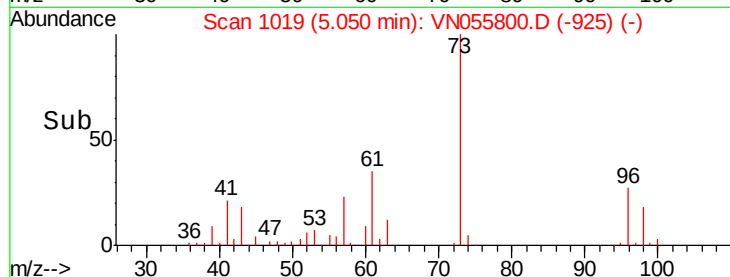
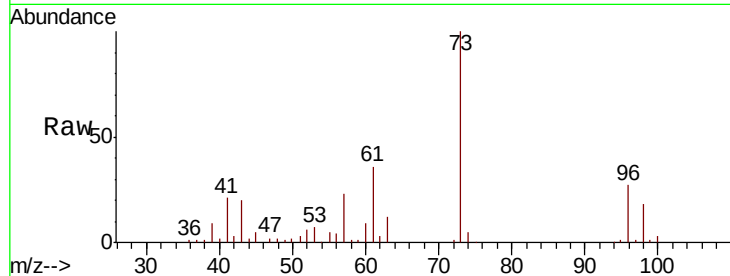




#19
Methyl tert-butyl Ether
Concen: 19.402 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VN055800.D
Acq: 24 May 2019 16:58

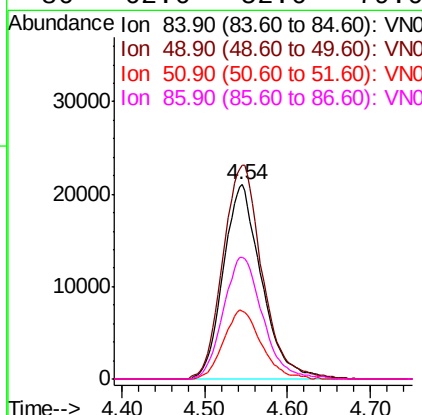
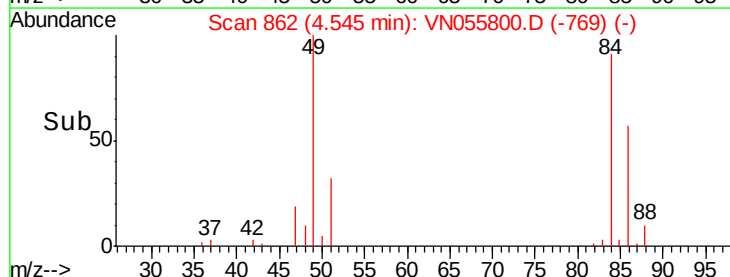
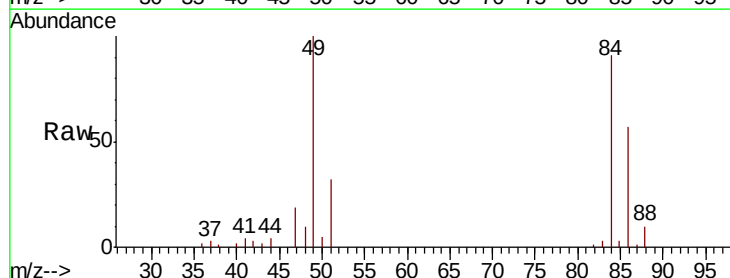
Instrument :
MSVOA_N
ClientSampleId :
VN0524WBS02

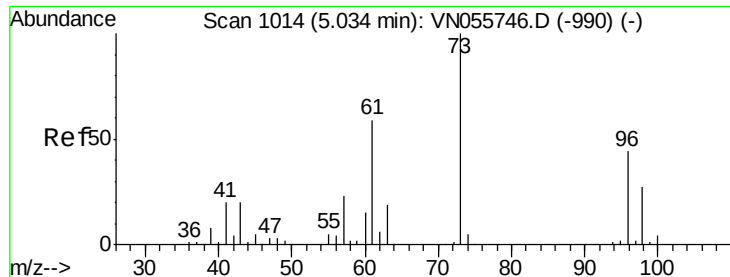
Tot Ion: 73 Resp: 197688
Ion Ratio Lower Upper
73 100
57 22.5 17.8 26.8



#20
Methylene Chloride
Concen: 19.092 ug/l
RT: 4.54 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN055800.D
Acq: 24 May 2019 16:58

Tgt Ion: 84 Resp: 67422
Ion Ratio Lower Upper
84 100
49 109.8 93.5 140.3
51 35.2 28.6 43.0
86 62.6 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 19.311 ug/l

RT: 5.03 min Scan# 1013

Delta R.T. -0.00 min

Lab File: VN055800.D

Acq: 24 May 2019 16:58

Instrument :

MSVOA_N

ClientSampled :

VN0524WBS02

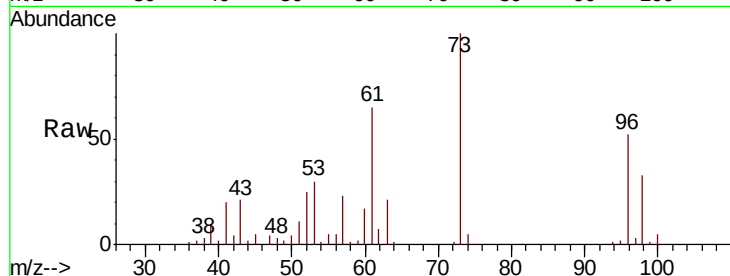
Tot Ion: 96 Resp: 63381

Ion Ratio Lower Upper

96 100

61 126.8 107.8 161.8

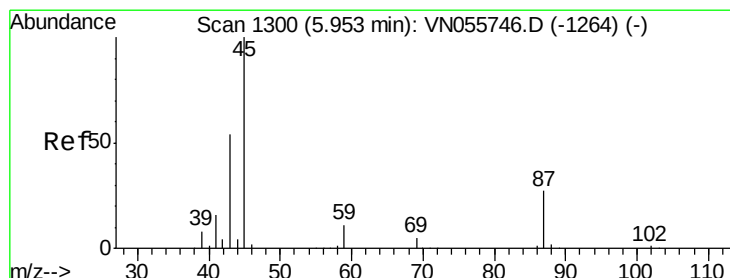
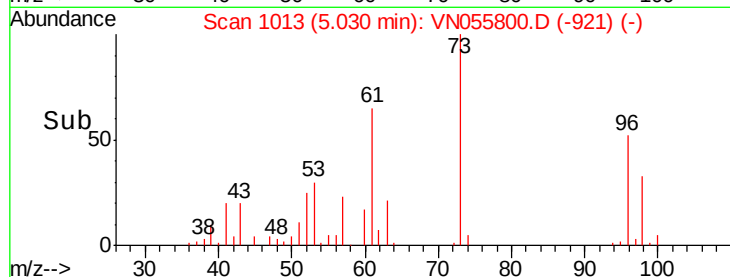
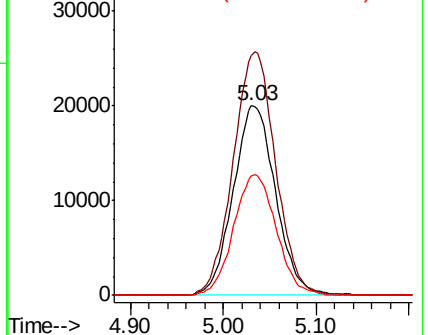
98 63.3 49.8 74.8



Abundance Ion 95.90 (95.60 to 96.60): VN055800.D (-1207) (-)

Ion 60.90 (60.60 to 61.60): VN055800.D (-1207) (-)

Ion 97.90 (97.60 to 98.60): VN055800.D (-1207) (-)



#22

Diisopropyl ether

Concen: 19.035 ug/l

RT: 5.95 min Scan# 1300

Delta R.T. 0.00 min

Lab File: VN055800.D

Acq: 24 May 2019 16:58

Tgt Ion: 45 Resp: 193897

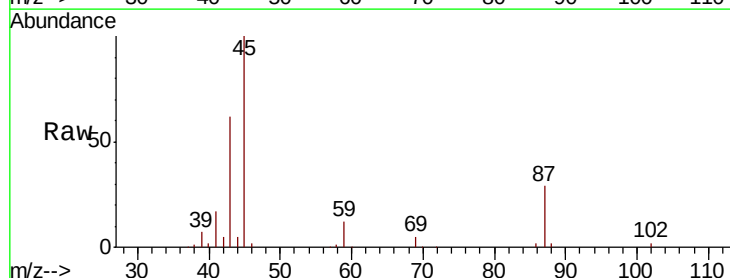
Ion Ratio Lower Upper

45 100

43 60.0 45.0 67.6

87 28.2 22.2 33.4

59 11.4 9.1 13.7

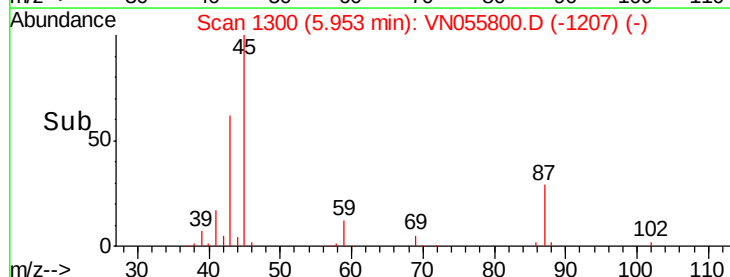
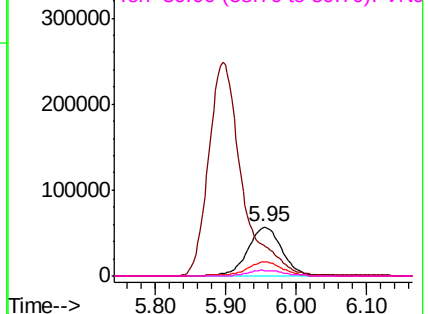


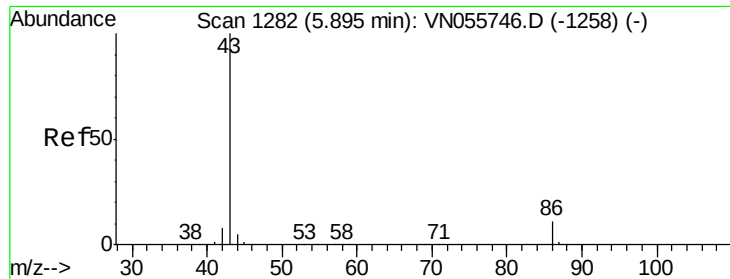
Abundance Ion 45.00 (44.70 to 45.70): VN055800.D (-1207) (-)

Ion 43.00 (42.70 to 43.70): VN055800.D (-1207) (-)

Ion 87.00 (86.70 to 87.70): VN055800.D (-1207) (-)

Ion 59.00 (58.70 to 59.70): VN055800.D (-1207) (-)





#23

Vinyl Acetate

Concen: 94.671 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VN055800.D

Acq: 24 May 2019 16:58

Instrument :

MSVOA_N

ClientSampled :

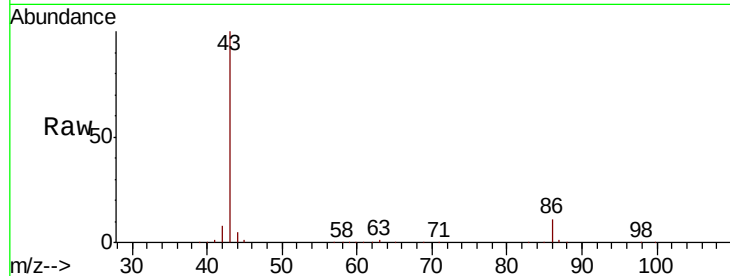
VN0524WBS02

Tot Ion: 43 Resp: 826797

Ion Ratio Lower Upper

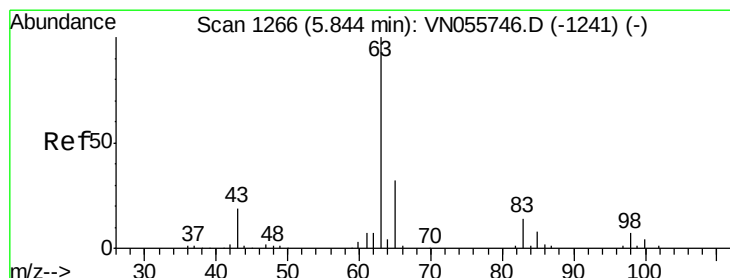
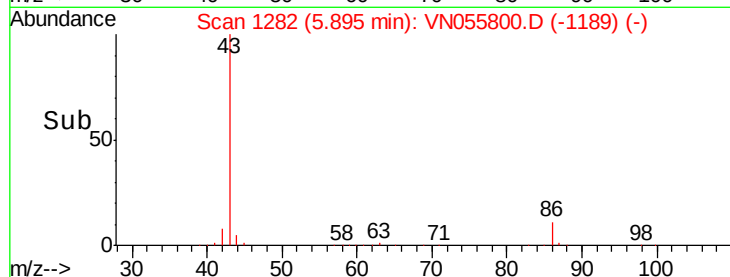
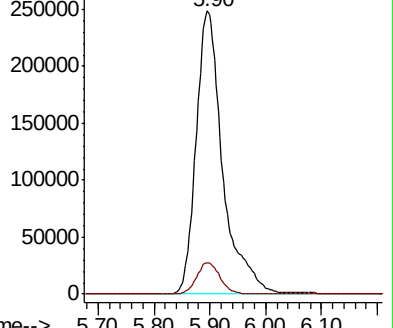
43 100

86 11.1 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VN055746.D (-1258) (-)

Ion 86.00 (85.70 to 86.70): VN055746.D (-1258) (-)



#24

1,1-Dichloroethane

Concen: 19.041 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. 0.00 min

Lab File: VN055800.D

Acq: 24 May 2019 16:58

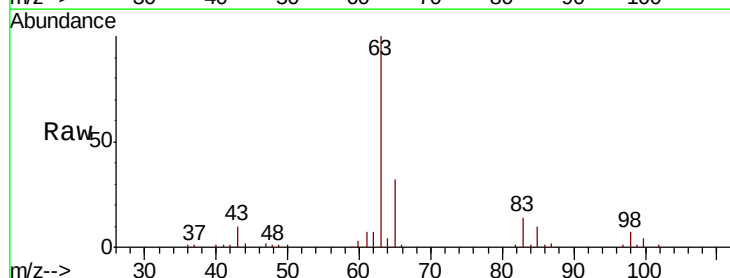
Tgt Ion: 63 Resp: 112926

Ion Ratio Lower Upper

63 100

98 6.7 3.4 10.1

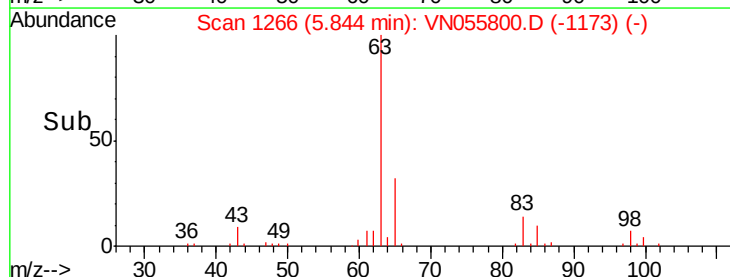
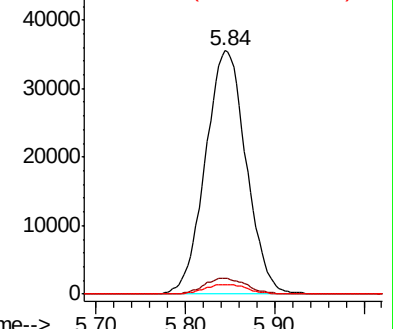
100 3.9 2.2 6.6

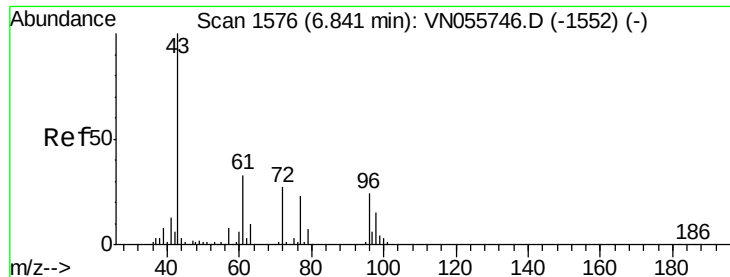


Abundance Ion 62.90 (62.60 to 63.60): VN055746.D (-1241) (-)

Ion 97.90 (97.60 to 98.60): VN055746.D (-1241) (-)

Ion 99.90 (99.60 to 100.60): VN055746.D (-1241) (-)

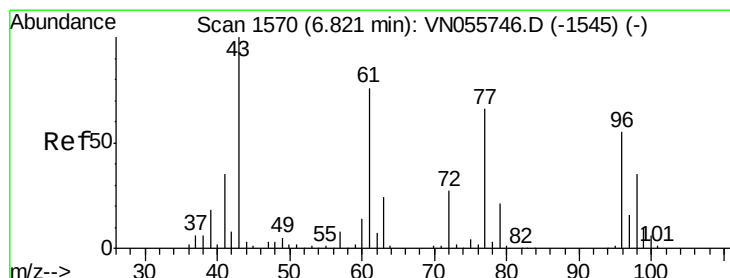
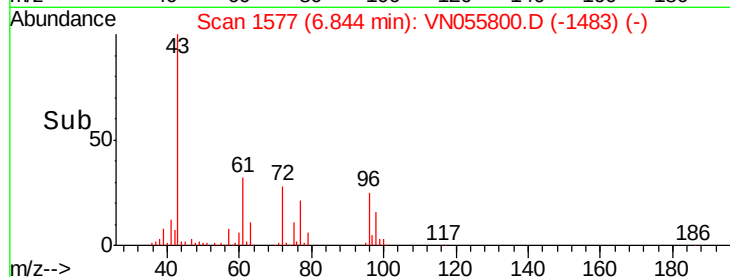
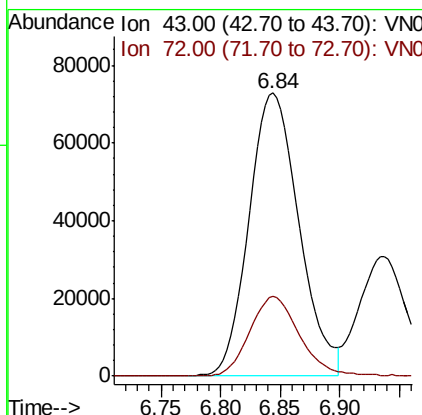
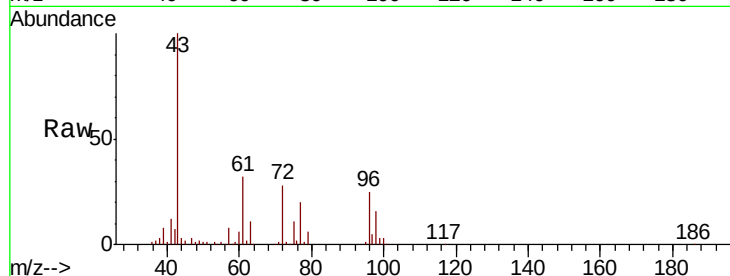




#25
2-Butanone
Concen: 92.794 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. 0.00 min
Lab File: VN055800.D
Acq: 24 May 2019 16:58

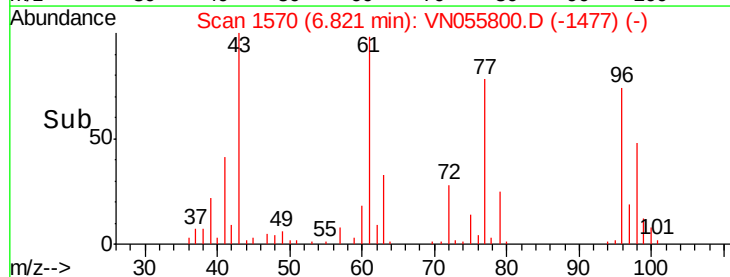
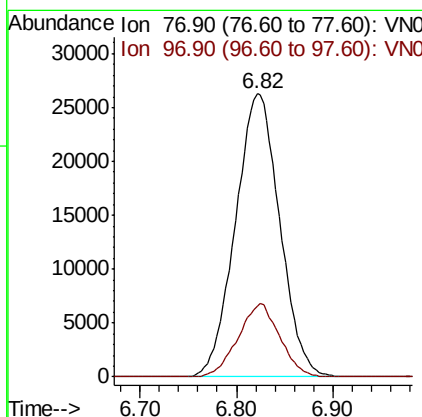
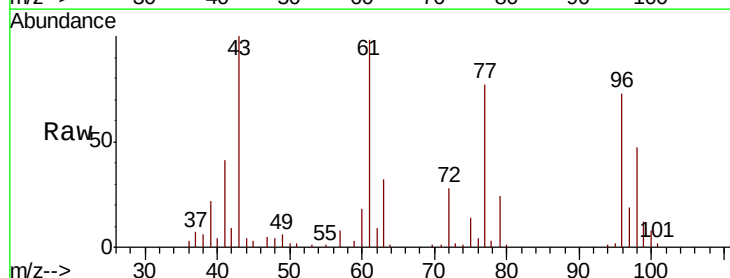
Instrument :
MSVOA_N
ClientSampled :
VN0524WBS02

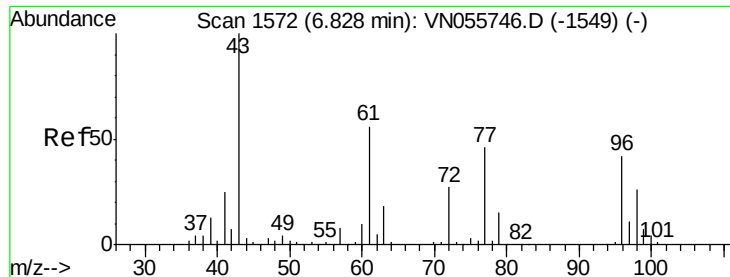
Tot Ion: 43 Resp: 211327
Ion Ratio Lower Upper
43 100
72 28.5 21.9 32.9



#26
2,2-Dichloropropane
Concen: 16.279 ug/l
RT: 6.82 min Scan# 1570
Delta R.T. 0.00 min
Lab File: VN055800.D
Acq: 24 May 2019 16:58

Tgt Ion: 77 Resp: 83557
Ion Ratio Lower Upper
77 100
97 24.2 12.2 36.6





#27

cis-1,2-Dichloroethene

Concen: 19.521 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN055800.D

Acq: 24 May 2019 16:58

Instrument :

MSVOA_N

ClientSampleId :

VN0524WBS02

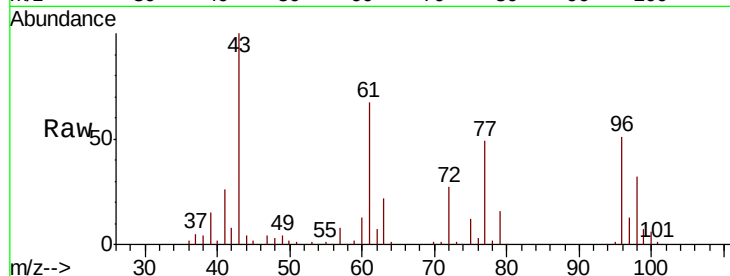
Tot Ion: 96 Resp: 74746

Ion Ratio Lower Upper

96 100

61 134.4 0.0 275.8

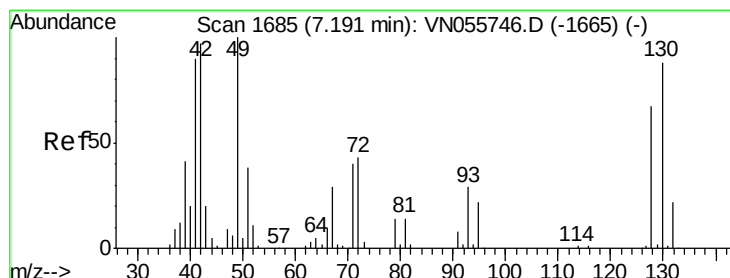
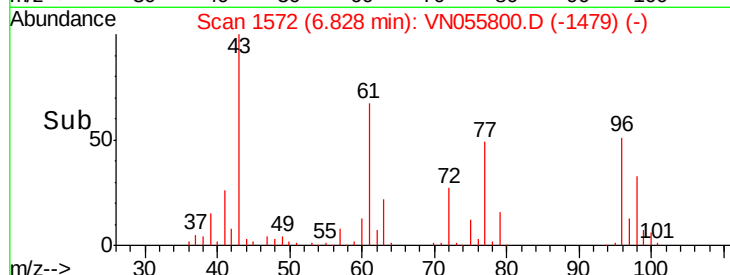
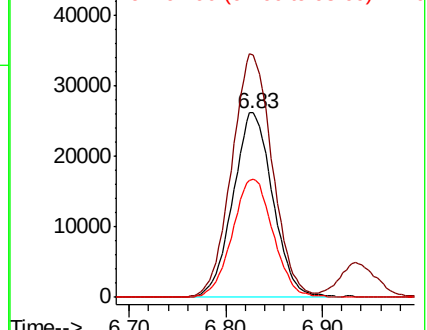
98 65.5 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VN055800.D (-1479) (-)

Ion 60.90 (60.60 to 61.60): VN055800.D (-1479) (-)

Ion 97.90 (97.60 to 98.60): VN055800.D (-1479) (-)



#28

Bromochloromethane

Concen: 19.869 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VN055800.D

Acq: 24 May 2019 16:58

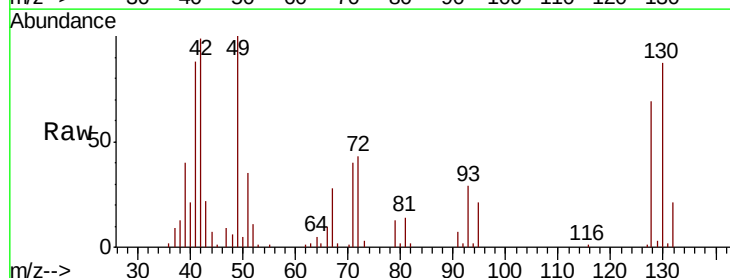
Tgt Ion: 49 Resp: 56103

Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.4

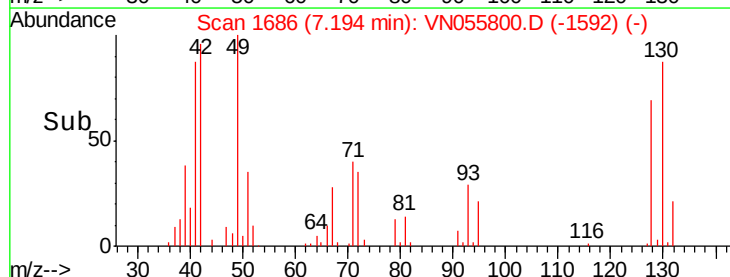
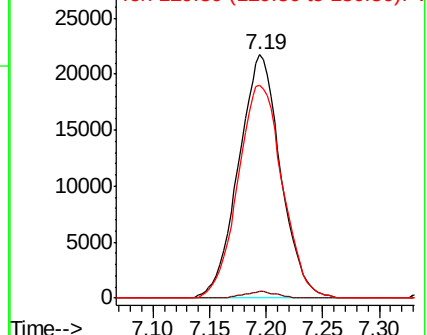
130 92.4 71.2 106.8

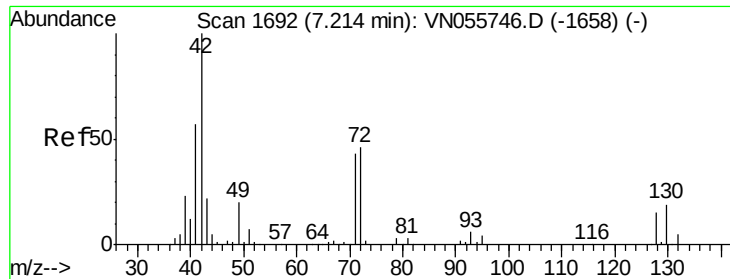


Abundance Ion 48.90 (48.60 to 49.60): VN055800.D (-1592) (-)

Ion 128.80 (128.50 to 129.50): VN055800.D (-1592) (-)

Ion 129.80 (129.50 to 130.50): VN055800.D (-1592) (-)

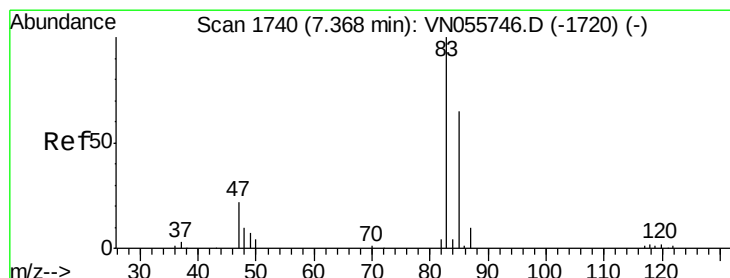
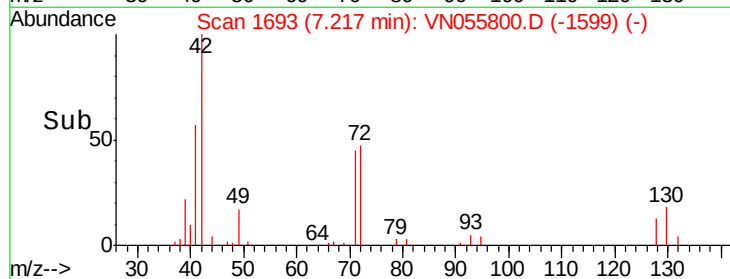
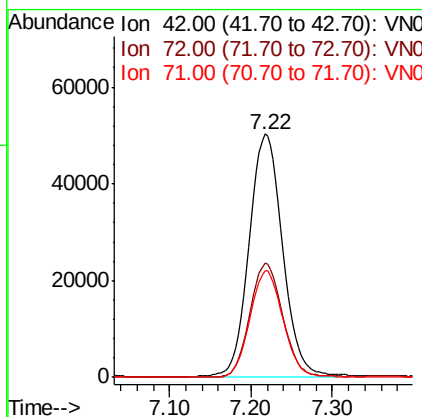
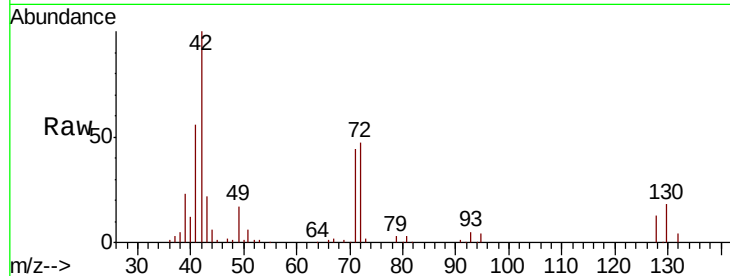




#29
Tetrahydrofuran
Concen: 99.398 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VN055800.D
Acq: 24 May 2019 16:58

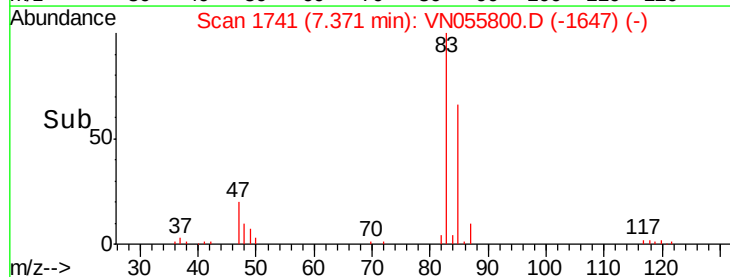
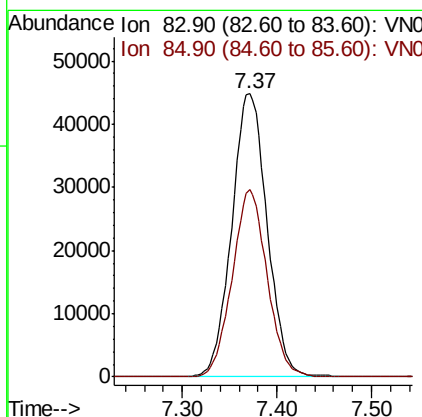
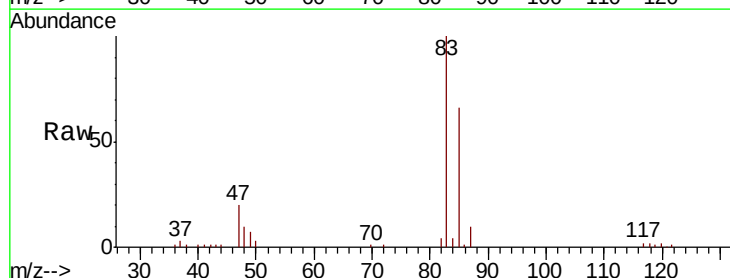
Instrument :
MSVOA_N
ClientSampled :
VN0524WBS02

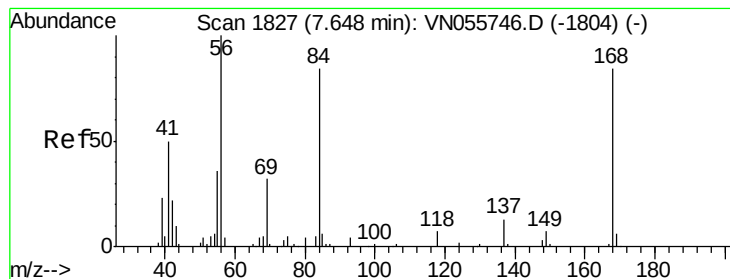
Tot Ion: 42 Resp: 143352
Ion Ratio Lower Upper
42 100
72 45.8 35.9 53.9
71 42.9 34.0 51.0



#30
Chloroform
Concen: 19.688 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN055800.D
Acq: 24 May 2019 16:58

Tgt Ion: 83 Resp: 116446
Ion Ratio Lower Upper
83 100
85 66.2 51.8 77.8





#31

Cyclohexane

Concen: 18.784 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN055800.D

Acq: 24 May 2019 16:58

Instrument :

MSVOA_N

ClientSampleId :

VN0524WBS02

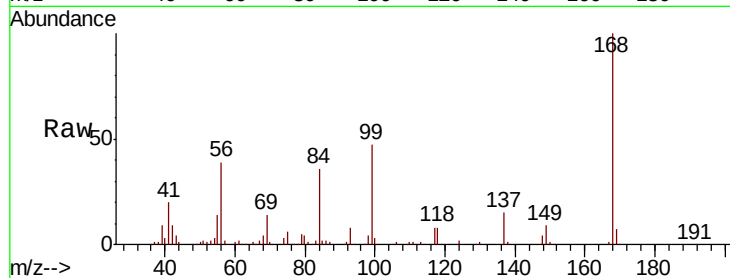
Tot Ion: 56 Resp: 104591

Ion Ratio Lower Upper

56 100

69 36.9 25.6 38.4

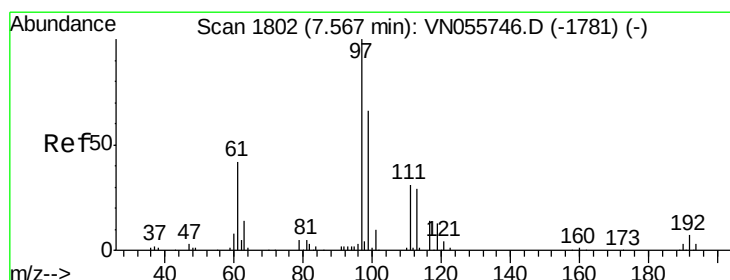
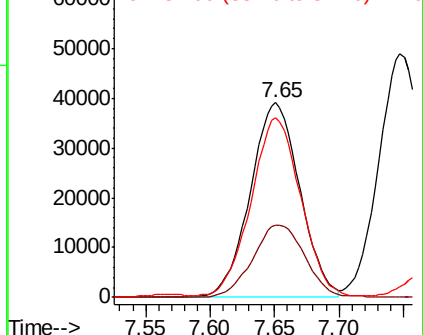
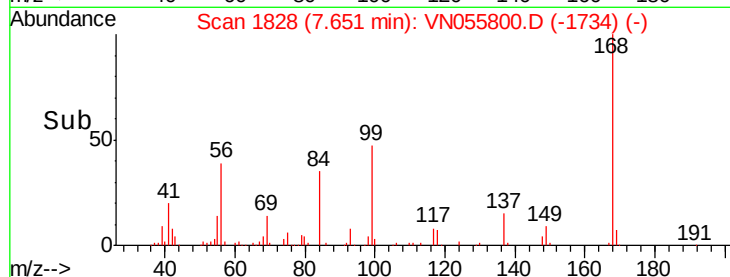
84 91.4 67.4 101.0



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 19.282 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN055800.D

Acq: 24 May 2019 16:58

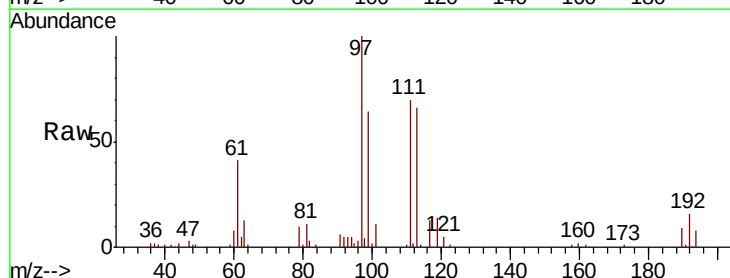
Tgt Ion: 97 Resp: 101767

Ion Ratio Lower Upper

97 100

99 64.0 52.0 78.0

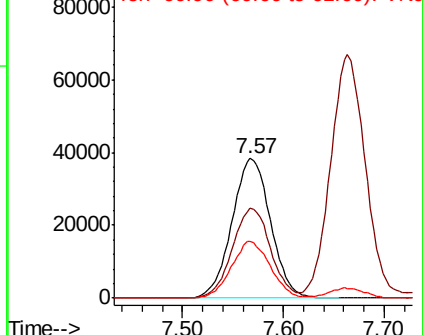
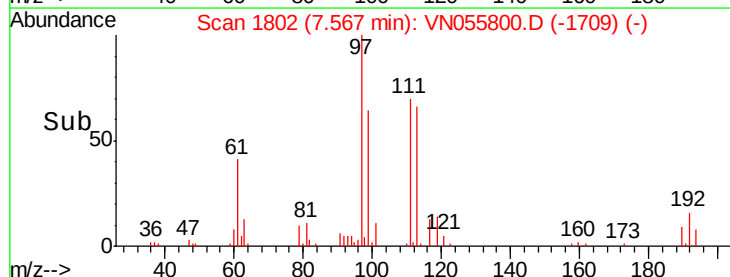
61 40.9 32.9 49.3

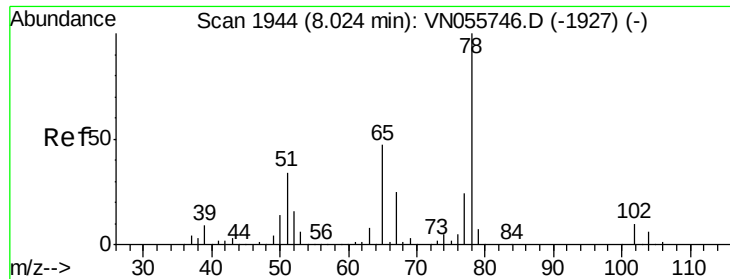


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

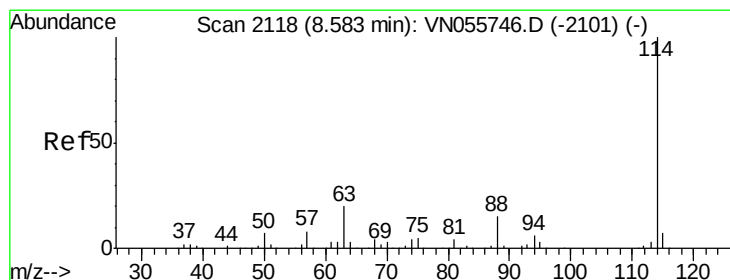
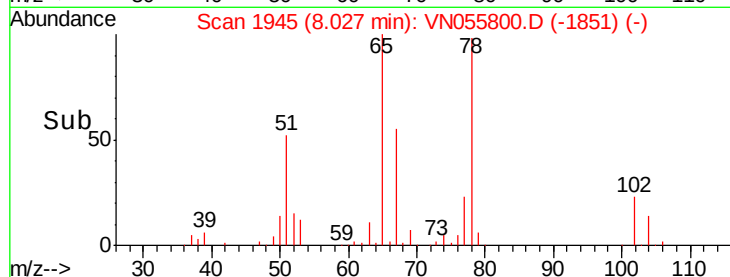
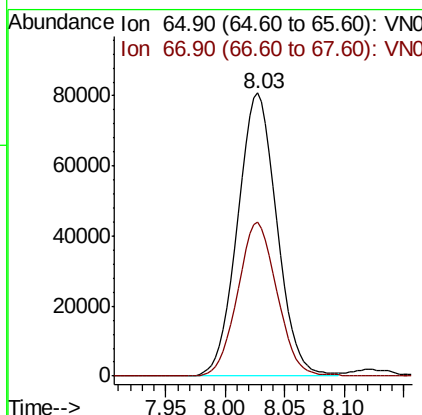
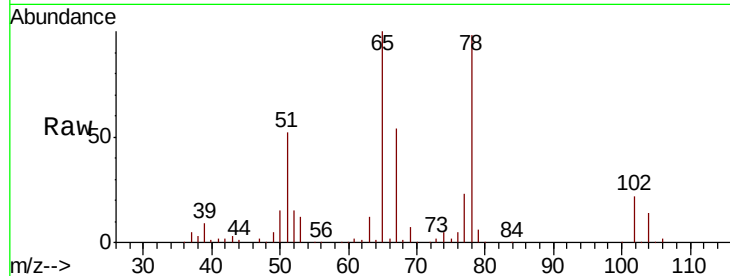




#33
 1,2-Dichloroethane-d4
 Concen: 49.801 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055800.D
 Acq: 24 May 2019 16:58

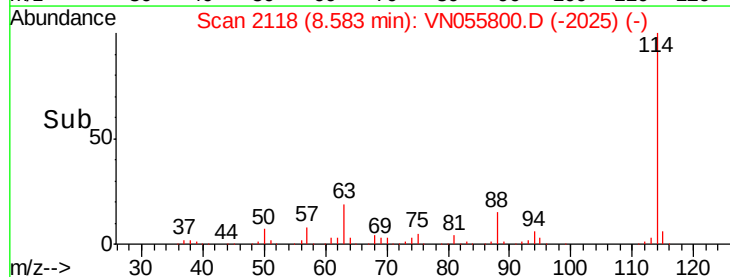
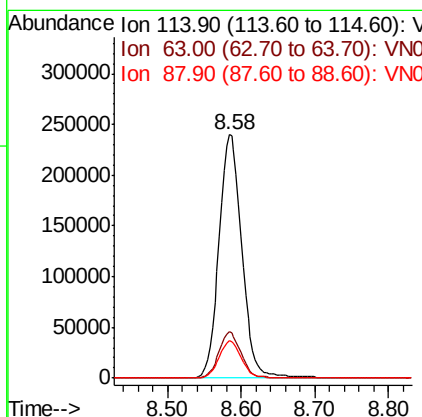
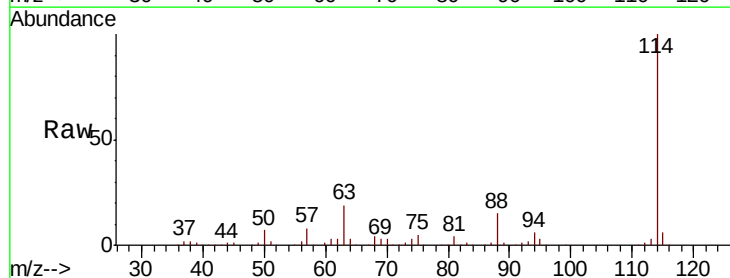
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0524WBS02

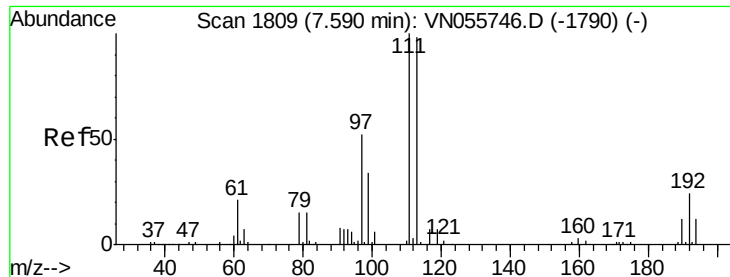
Tot Ion: 65 Resp: 184744
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN055800.D
 Acq: 24 May 2019 16:58

Tgt Ion: 114 Resp: 519346
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 39.2
 88 15.3 0.0 31.0

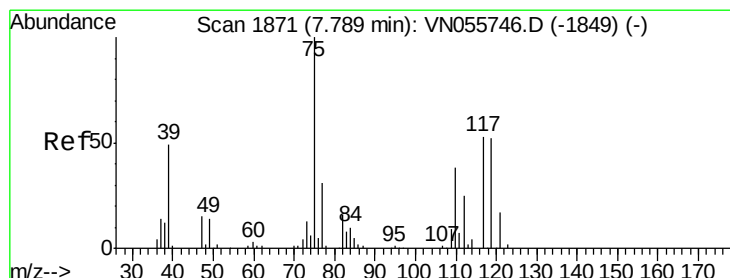
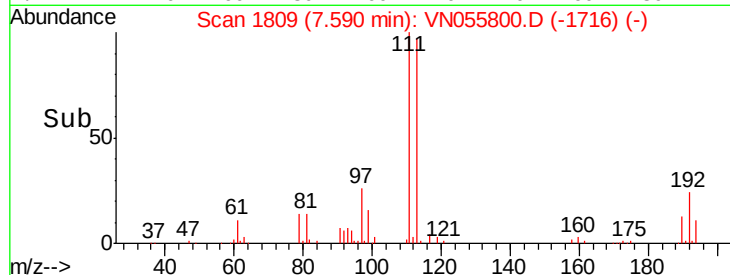
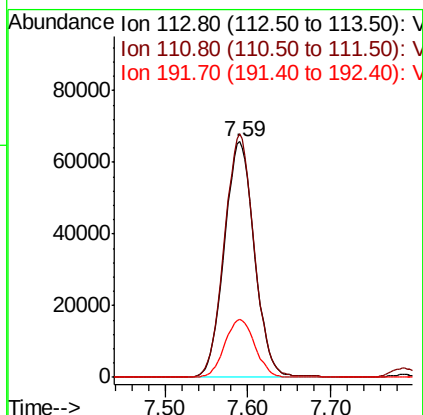
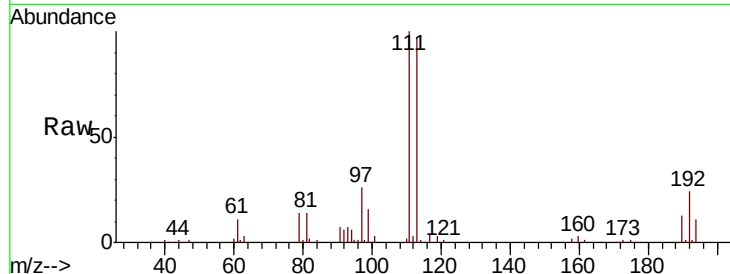




#35
 Dibromofluoromethane
 Concen: 50.626 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN055800.D
 Acq: 24 May 2019 16:58

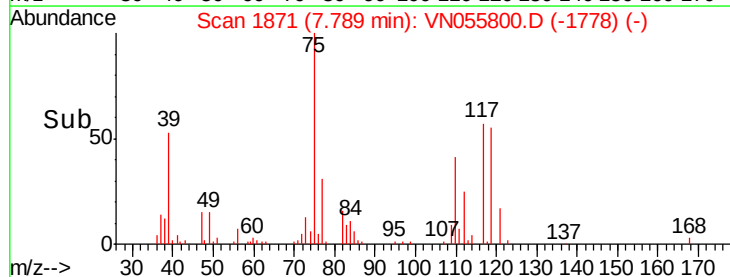
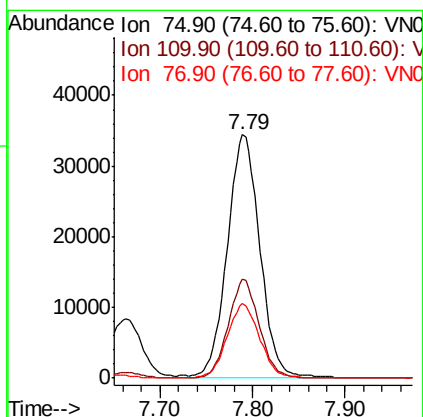
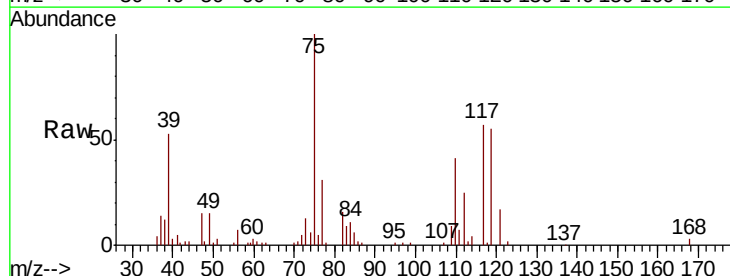
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0524WBS02

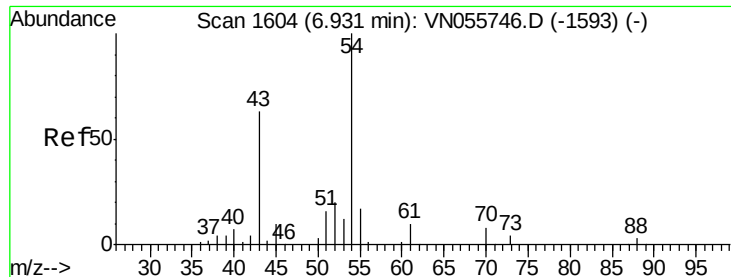
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.9	122.9
192	24.6	19.5	29.3



#36
 1,1-Dichloropropene
 Concen: 18.585 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: VN055800.D
 Acq: 24 May 2019 16:58

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.2	19.0	57.0
77	30.5	25.1	37.7

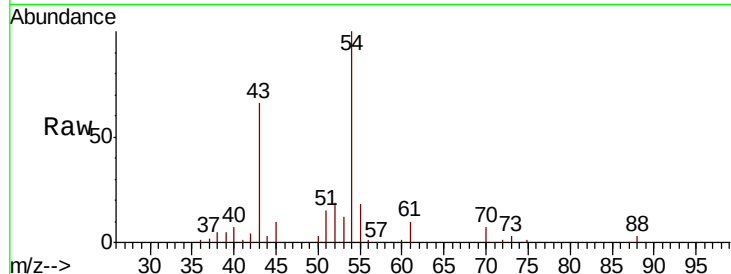




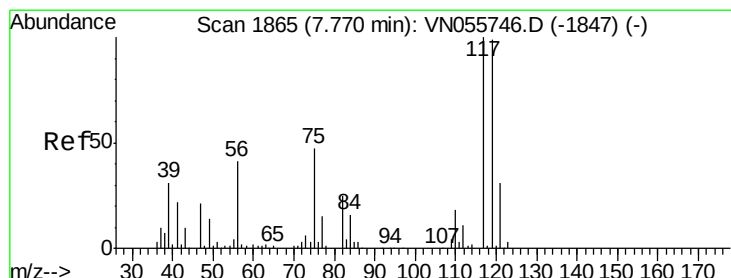
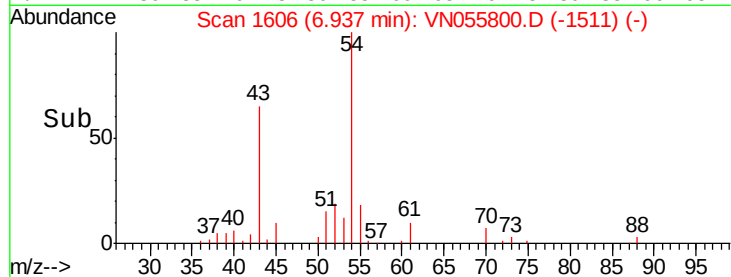
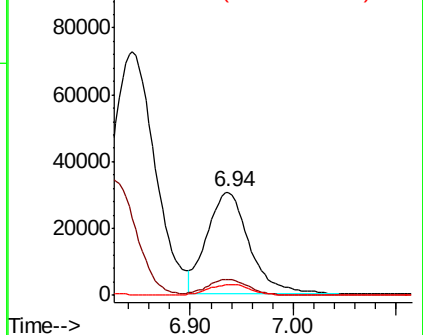
#37
Ethyl Acetate
Concen: 19.889 ug/l
RT: 6.94 min Scan# 1606
Delta R.T. 0.01 min
Lab File: VN055800.D
Acq: 24 May 2019 16:58

Instrument :
MSVOA_N
ClientSampled :
VN0524WBS02

Tot Ion: 43 Resp: 86999
Ion Ratio Lower Upper
43 100
61 15.5 12.2 18.2
70 10.5 8.9 13.3

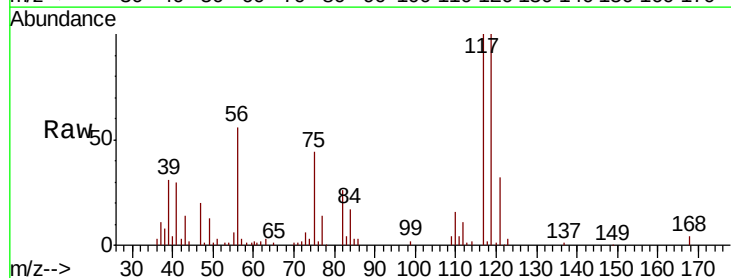


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

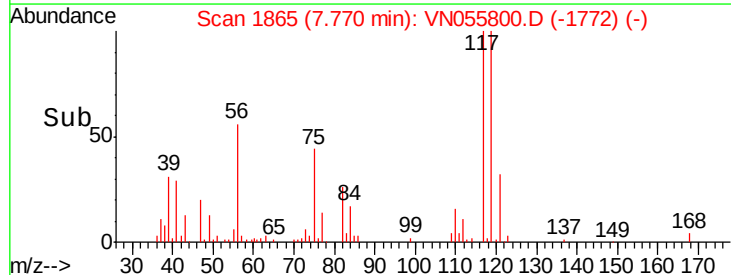
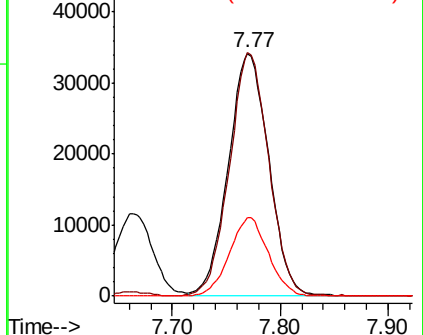


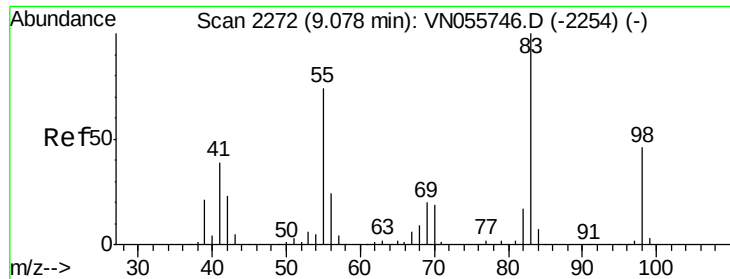
#38
Carbon Tetrachloride
Concen: 18.924 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN055800.D
Acq: 24 May 2019 16:58

Tgt Ion: 117 Resp: 89212
Ion Ratio Lower Upper
117 100
119 100.2 79.0 118.6
121 32.5 24.7 37.1



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

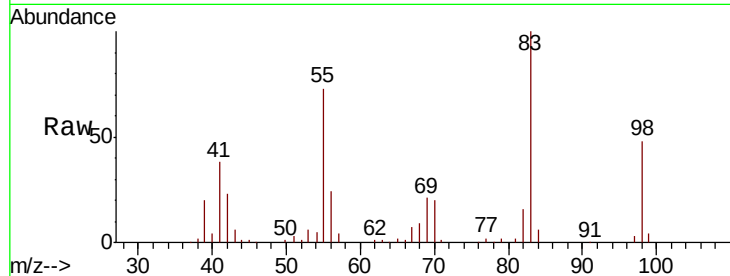




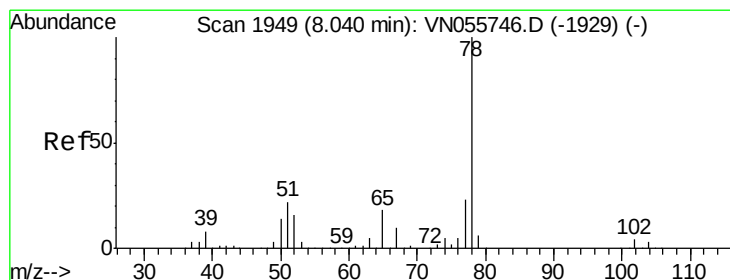
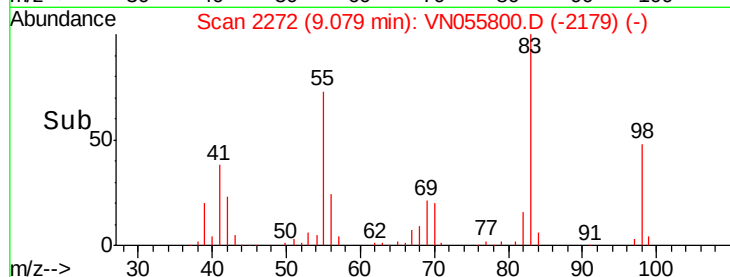
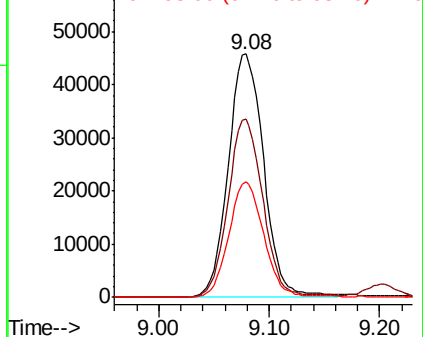
#39
Methvlcvclohexane
Concen: 18.219 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN055800.D
Acq: 24 May 2019 16:58

Instrument :
MSVOA_N
ClientSampleId :
VN0524WBS02

Tot Ion: 83 Resp: 102110
Ion Ratio Lower Upper
83 100
55 73.4 59.3 88.9
98 47.5 36.6 54.8

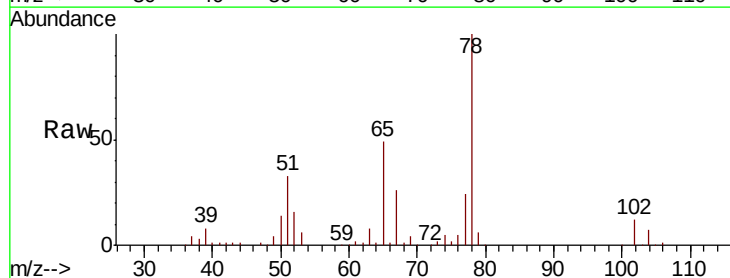


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

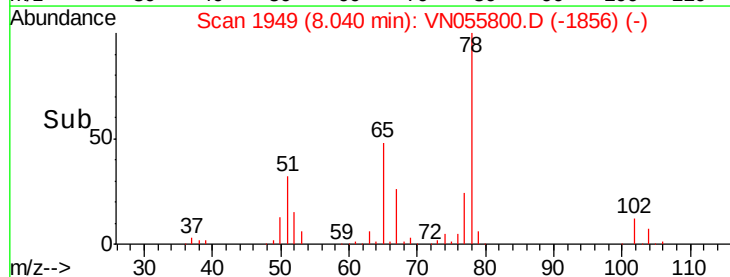
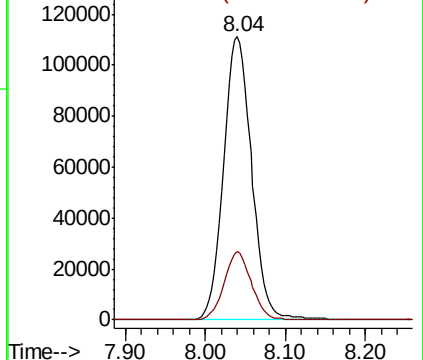


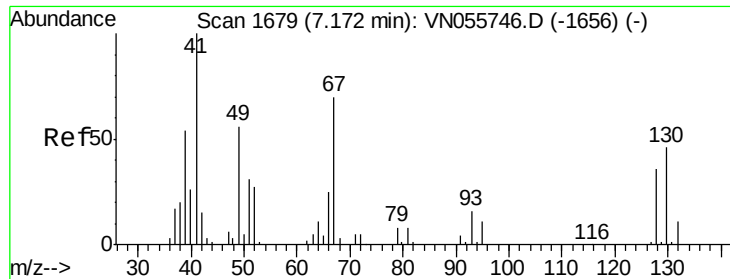
#40
Benzene
Concen: 19.570 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN055800.D
Acq: 24 May 2019 16:58

Tgt Ion: 78 Resp: 266936
Ion Ratio Lower Upper
78 100
77 24.1 18.8 28.2



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

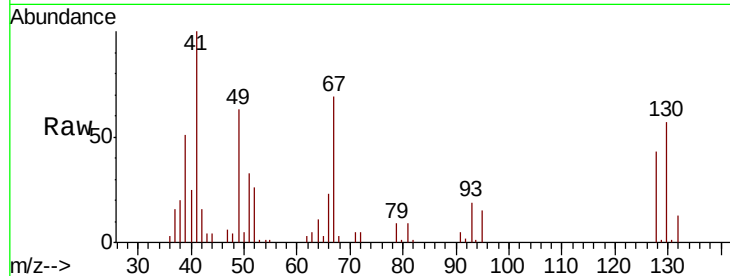




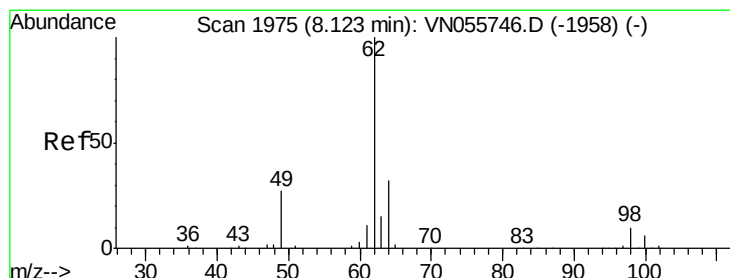
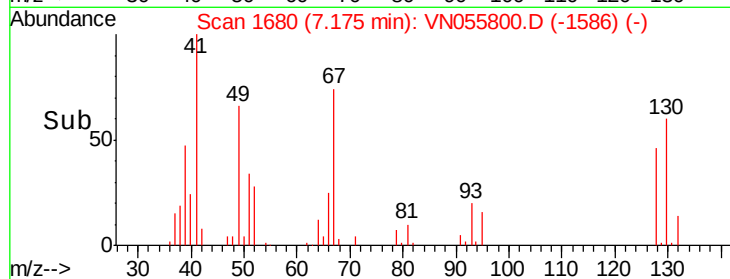
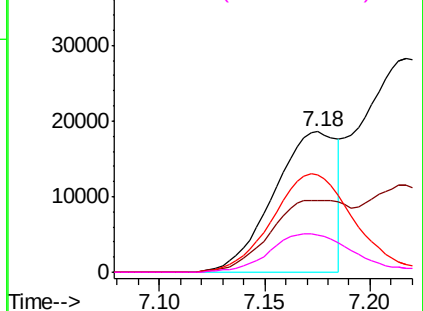
#41
Methacrylonitrile
Concen: 17.568 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VN055800.D
Acq: 24 May 2019 16:58

Instrument :
MSVOA_N
ClientSampleId :
VN0524WBS02

Tot Ion:	41	Resp:	38823
Ion	Ratio	Lower	Upper
41	100		
39	62.5	45.6	68.4
67	91.2	67.7	101.5
52	36.6	26.6	40.0

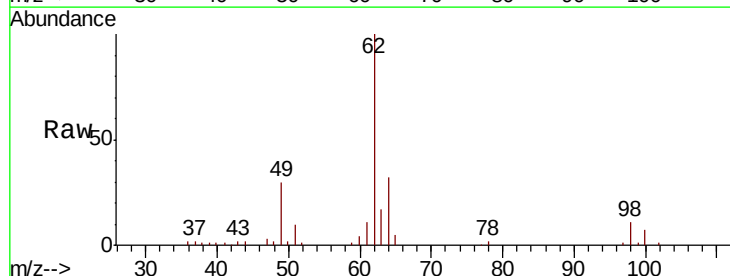


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

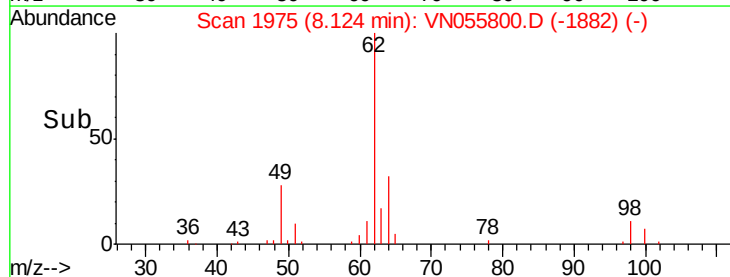
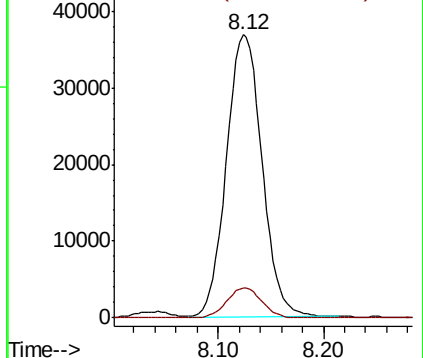


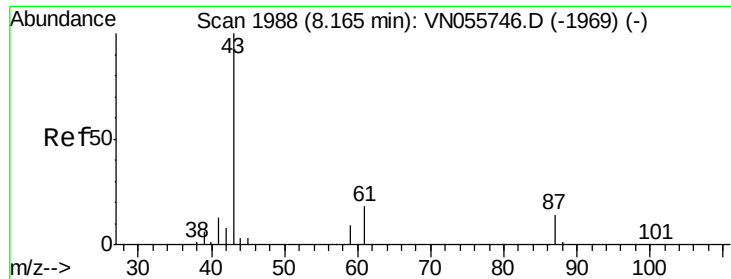
#42
1,2-Dichloroethane
Concen: 19.348 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN055800.D
Acq: 24 May 2019 16:58

Tgt Ion:	62	Resp:	86237
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	20.2



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





#43

Isopropyl Acetate

Concen: 18.699 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN055800.D

Acq: 24 May 2019 16:58

Instrument :

MSVOA_N

ClientSampleId :

VN0524WBS02

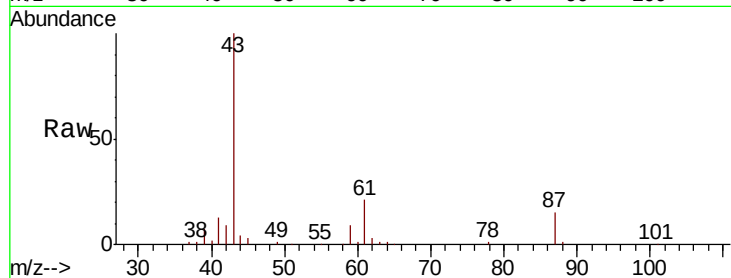
Tot Ion: 43 Resp: 137427

Ion Ratio Lower Upper

43 100

61 20.4 22.2 33.4#

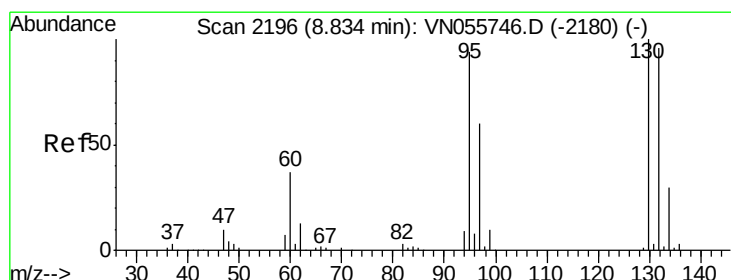
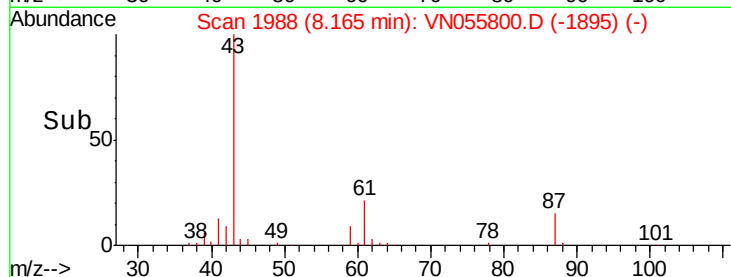
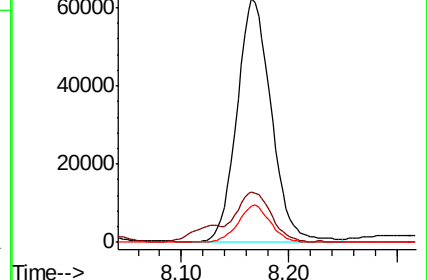
87 14.5 11.4 17.2



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) (-)



#44

Trichloroethene

Concen: 20.321 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN055800.D

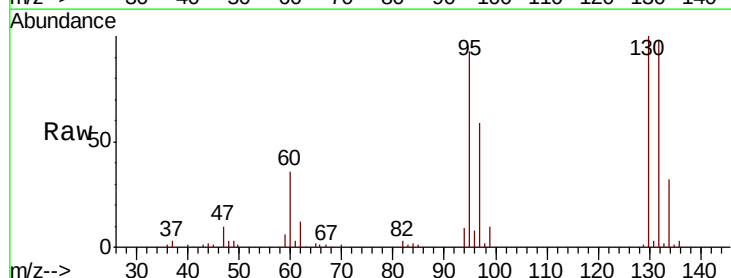
Acq: 24 May 2019 16:58

Tgt Ion:130 Resp: 77272

Ion Ratio Lower Upper

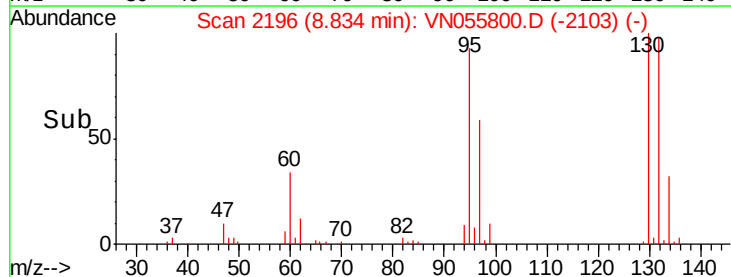
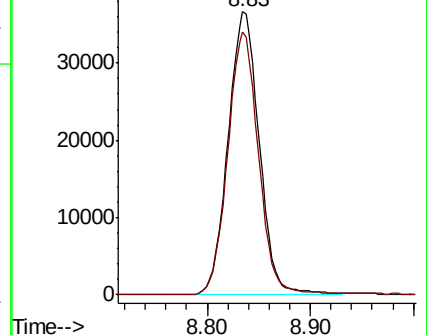
130 100

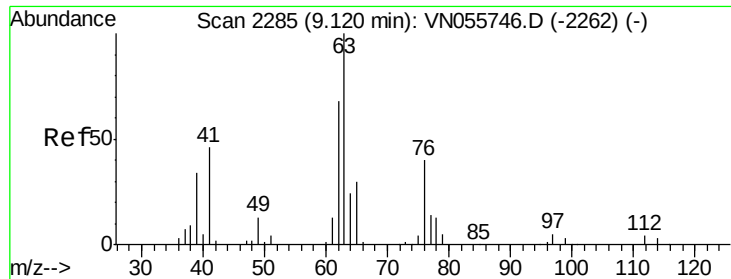
95 92.8 0.0 188.0



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

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

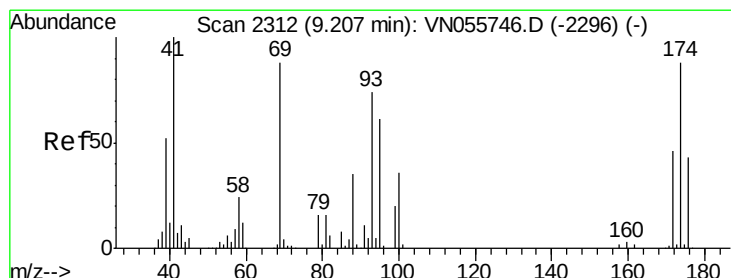
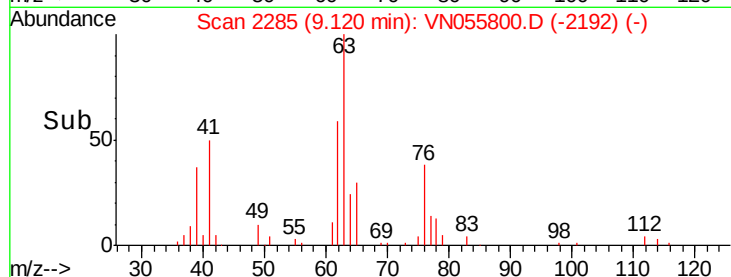
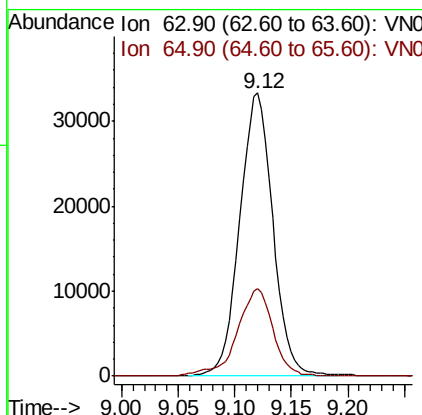
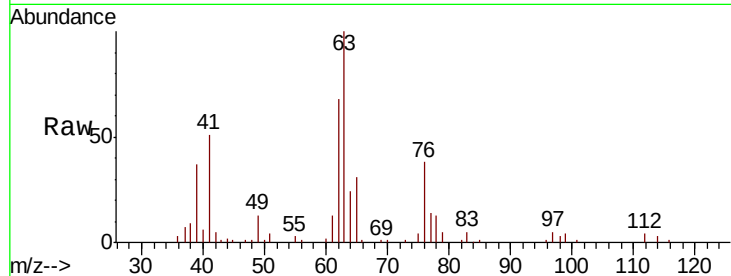




#45
 1,2-Dichloropropane
 Concen: 19.193 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN055800.D
 Acq: 24 May 2019 16:58

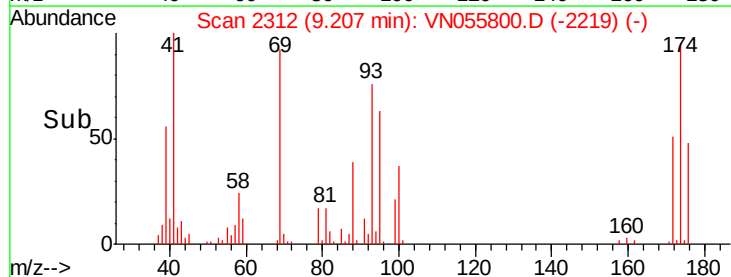
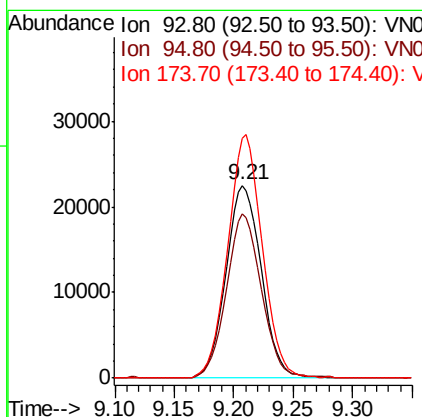
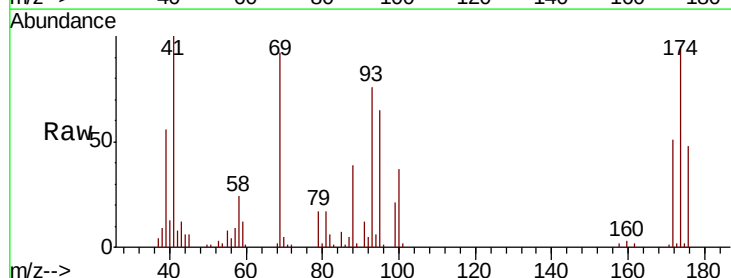
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0524WBS02

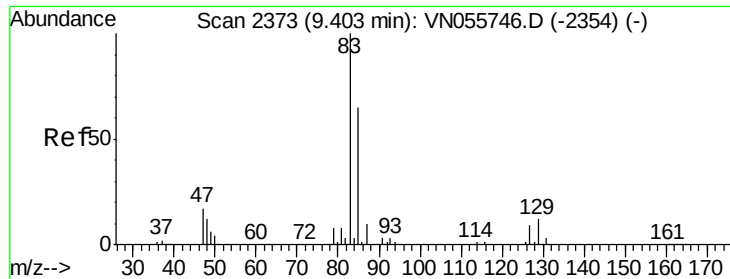
Tot Ion: 63 Resp: 68208
 Ion Ratio Lower Upper
 63 100
 65 31.0 24.6 36.8



#46
 Dibromomethane
 Concen: 19.926 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN055800.D
 Acq: 24 May 2019 16:58

Tgt Ion: 93 Resp: 46440
 Ion Ratio Lower Upper
 93 100
 95 84.0 66.7 100.1
 174 123.1 96.4 144.6





#47

Bromodichloromethane

Concen: 18.793 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN055800.D

Acq: 24 May 2019 16:58

Instrument :

MSVOA_N

ClientSampleId :

VN0524WBS02

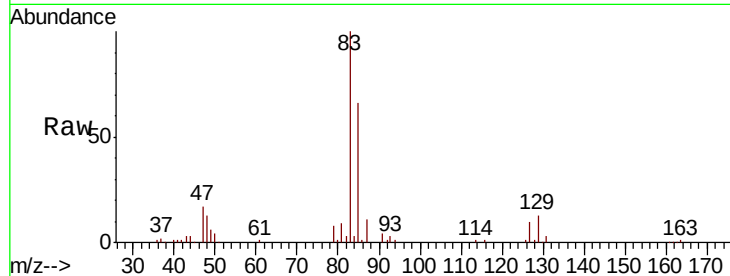
Tot Ion: 83 Resp: 89813

Ion Ratio Lower Upper

83 100

85 65.8 52.2 78.2

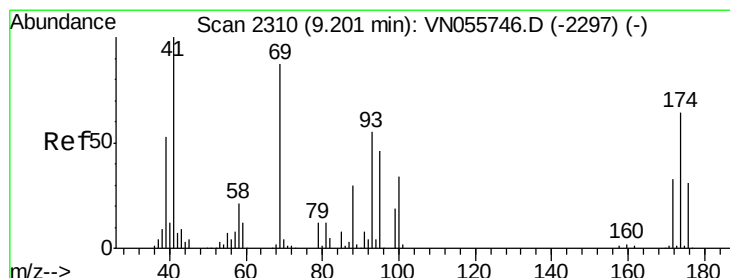
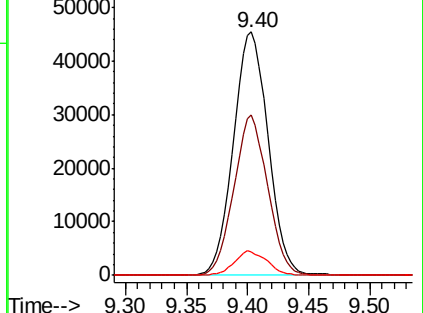
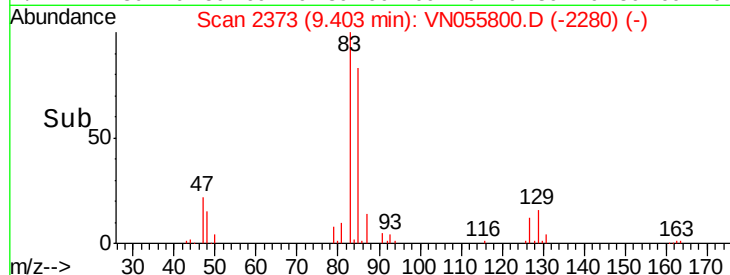
127 9.8 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VN055800.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN055800.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN055800.D (-2280) (-)



#48

Methyl methacrylate

Concen: 19.405 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN055800.D

Acq: 24 May 2019 16:58

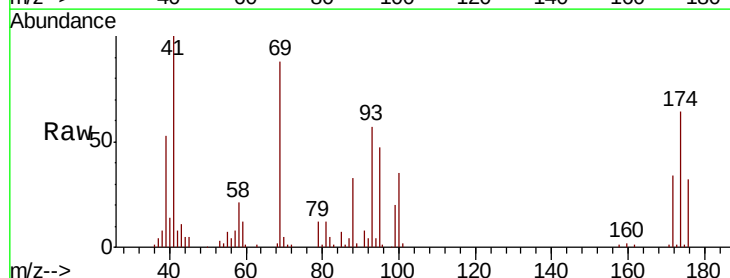
Tgt Ion: 41 Resp: 65728

Ion Ratio Lower Upper

41 100

69 92.7 71.0 106.6

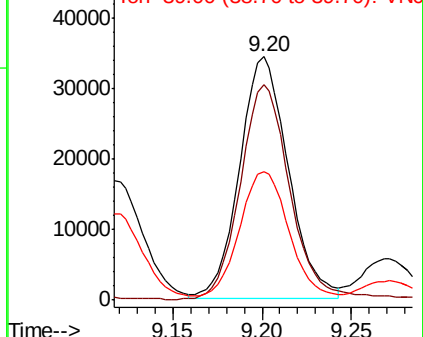
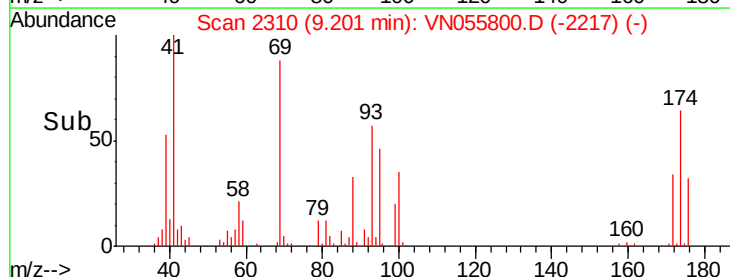
39 54.1 44.2 66.2

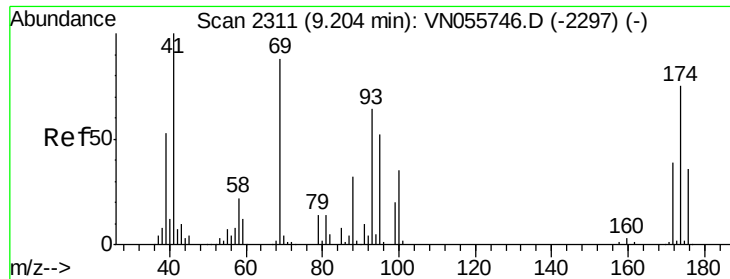


Abundance Ion 41.00 (40.70 to 41.70): VN055800.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN055800.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN055800.D (-2217) (-)





#49

1,4-Dioxane

Concen: 429.682 ug/l

RT: 9.20 min Scan# 2311

Delta R.T. 0.00 min

Lab File: VN055800.D

Acq: 24 May 2019 16:58

Instrument :

MSVOA_N

ClientSampled :

VN0524WBS02

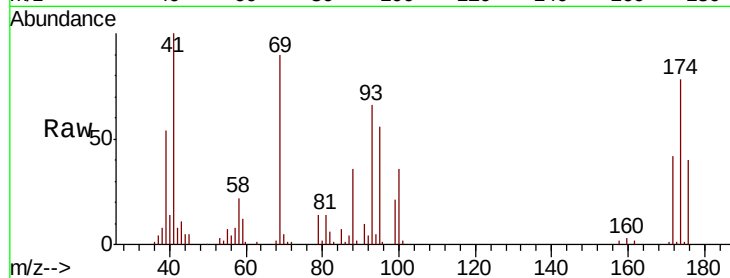
Tot Ion: 88 Resp: 30245

Ion Ratio Lower Upper

88 100

43 24.9 20.5 30.7

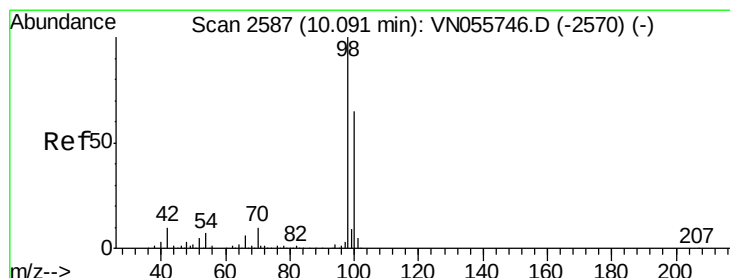
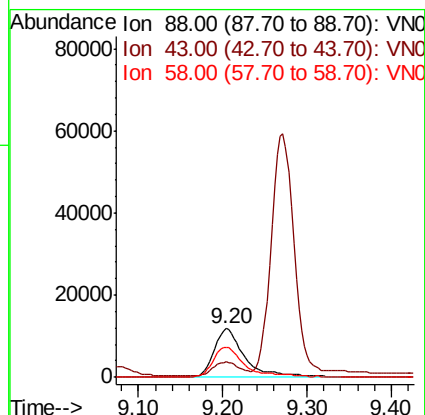
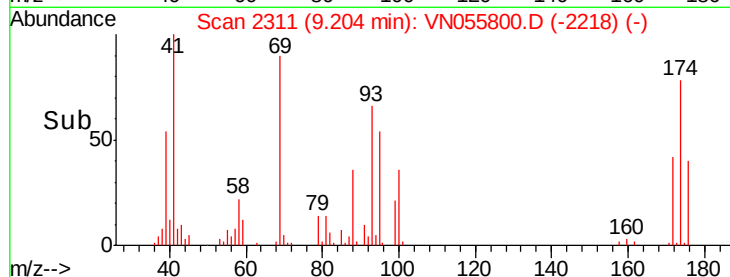
58 64.3 55.8 83.6



Abundance Ion 88.00 (87.70 to 88.70): VN055800.D (-2218) (-)

Ion 43.00 (42.70 to 43.70): VN055800.D (-2218) (-)

Ion 58.00 (57.70 to 58.70): VN055800.D (-2218) (-)



#50

Toluene-d8

Concen: 49.728 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055800.D

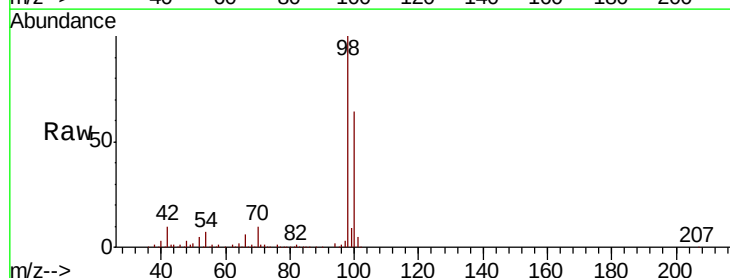
Acq: 24 May 2019 16:58

Tgt Ion: 98 Resp: 626328

Ion Ratio Lower Upper

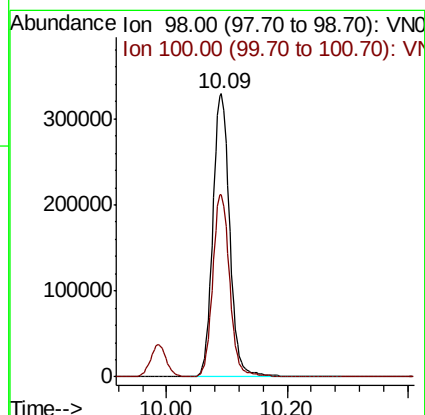
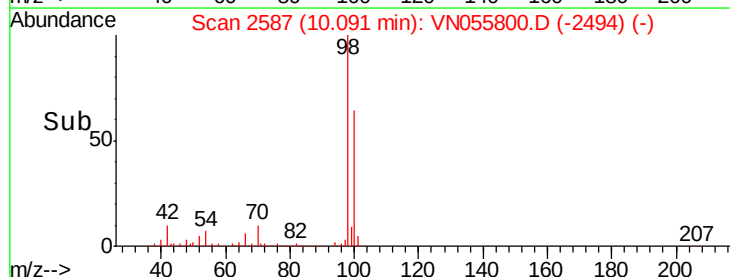
98 100

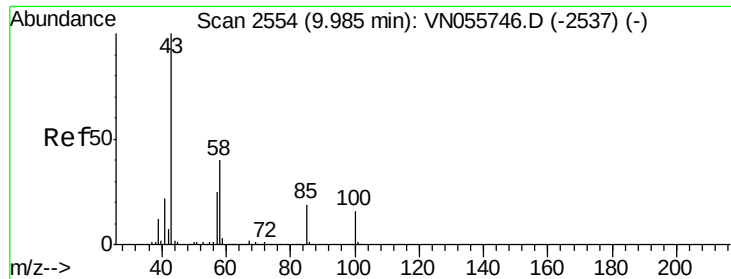
100 64.6 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN055800.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN055800.D (-2494) (-)

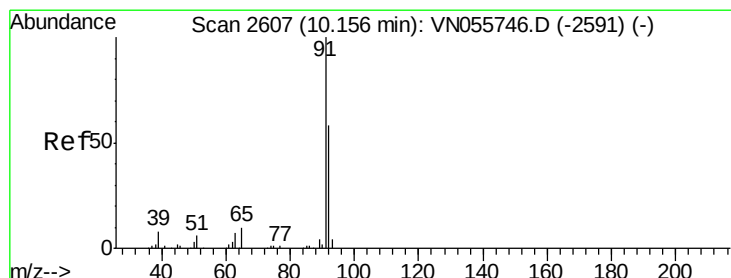
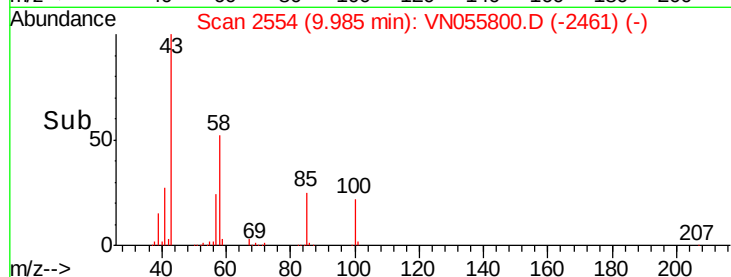
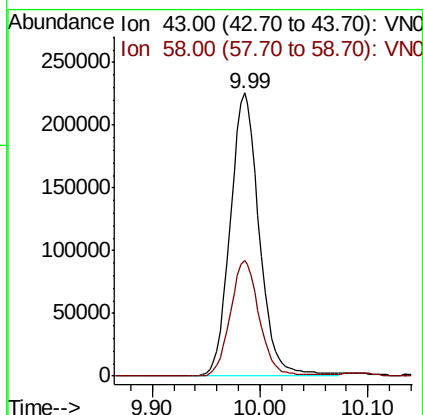
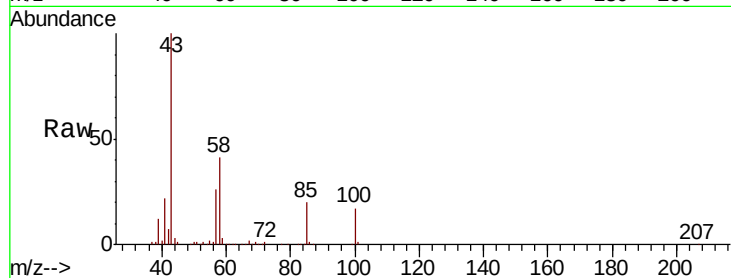




#51
 4-Methyl-2-Pentanone
 Concen: 97.248 ug/l
 RT: 9.99 min Scan# 2554
 Delta R.T. 0.00 min
 Lab File: VN055800.D
 Acq: 24 May 2019 16:58

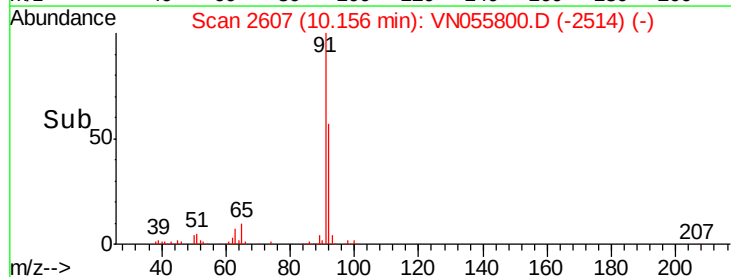
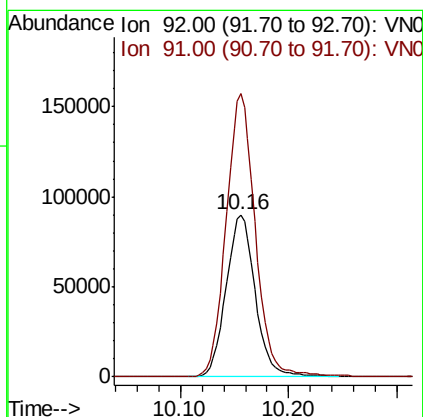
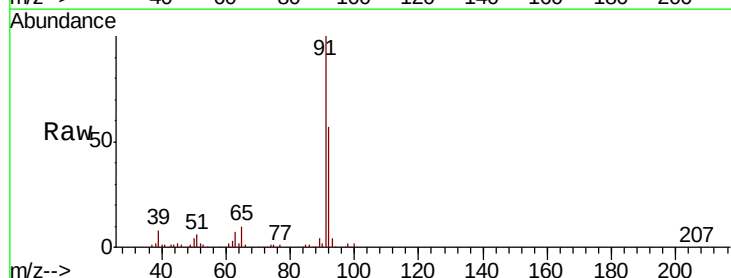
Instrument :
 MSVOA_N
 ClientSampled :
 VN0524WBS02

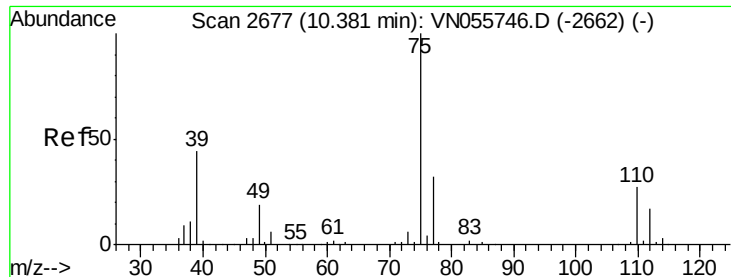
Tot Ion: 43 Resp: 422120
 Ion Ratio Lower Upper
 43 100
 58 40.7 32.1 48.1



#52
 Toluene
 Concen: 19.792 ug/l
 RT: 10.16 min Scan# 2607
 Delta R.T. 0.00 min
 Lab File: VN055800.D
 Acq: 24 May 2019 16:58

Tgt Ion: 92 Resp: 169787
 Ion Ratio Lower Upper
 92 100
 91 174.8 139.4 209.2





#53

t-1,3-Dichloropropene

Concen: 18.163 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN055800.D

Acq: 24 May 2019 16:58

Instrument :

MSVOA_N

ClientSampleId :

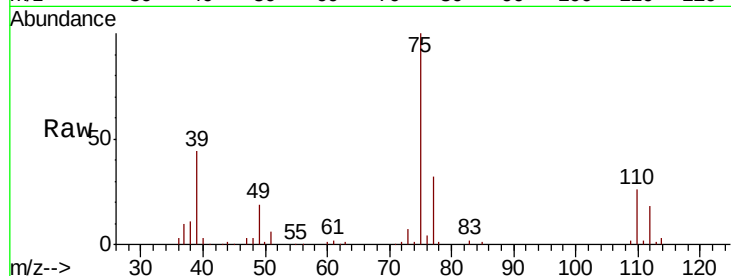
VN0524WBS02

Tot Ion: 75 Resp: 92653

Ion Ratio Lower Upper

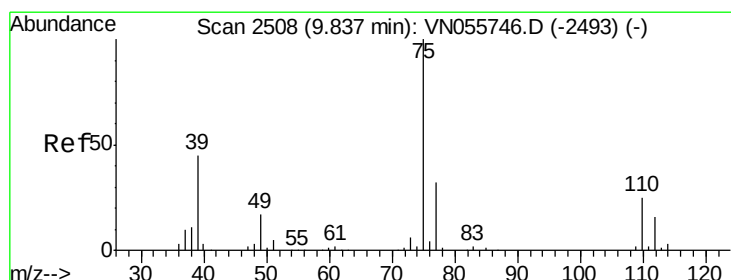
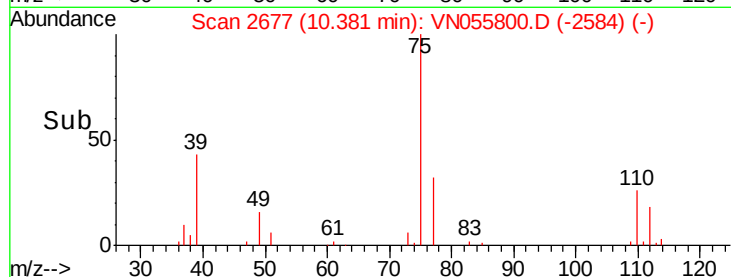
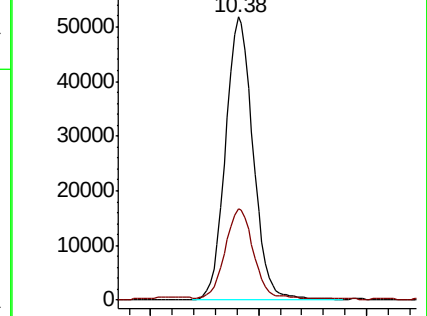
75 100

77 31.8 25.8 38.6



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 18.633 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN055800.D

Acq: 24 May 2019 16:58

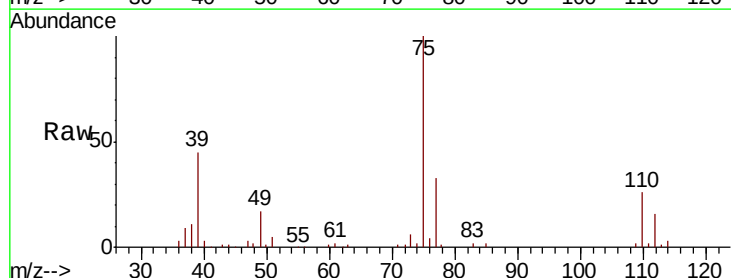
Tgt Ion: 75 Resp: 105302

Ion Ratio Lower Upper

75 100

77 33.1 25.4 38.0

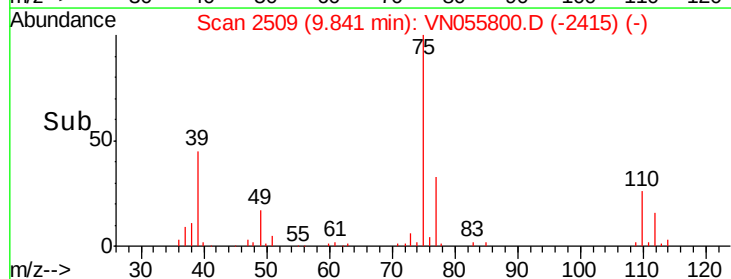
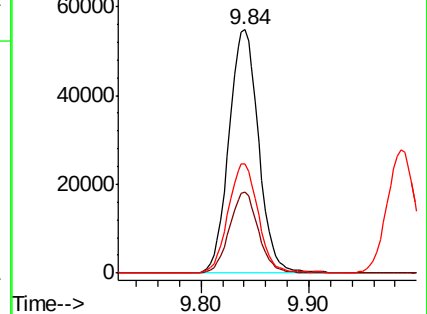
39 44.6 36.3 54.5

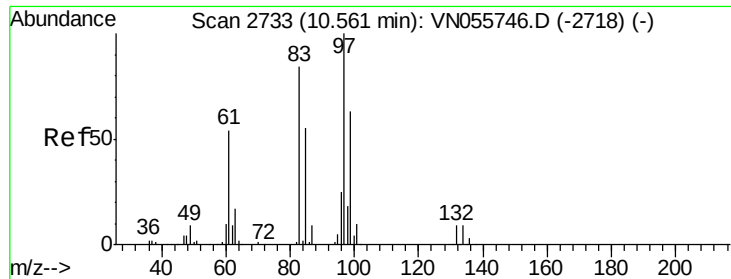


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 20.100 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VN055800.D

Acq: 24 May 2019 16:58

Instrument :

MSVOA_N

ClientSampled :

VN0524WBS02

Tot Ion: 97 Resp: 69079

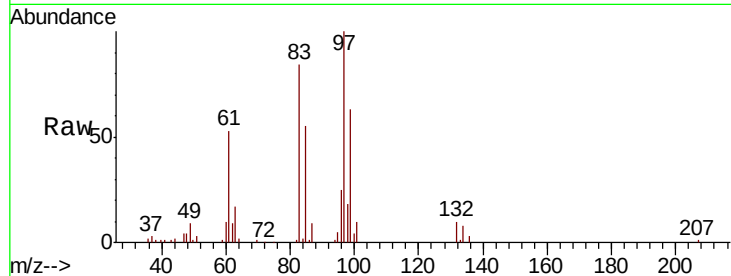
Ion Ratio Lower Upper

97 100

83 84.4 67.0 100.6

85 54.6 44.0 66.0

99 63.1 50.6 75.8

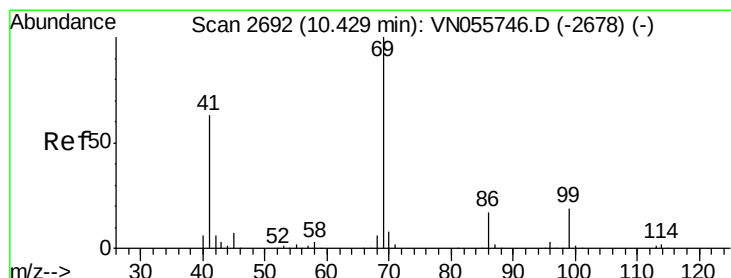
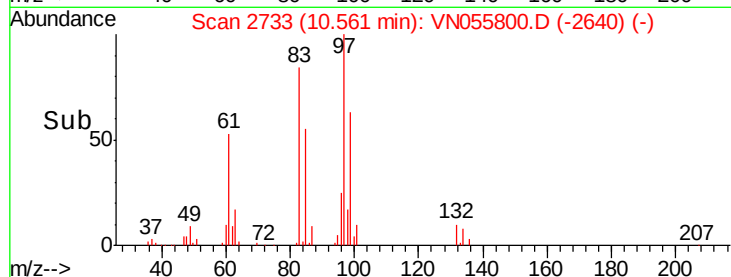
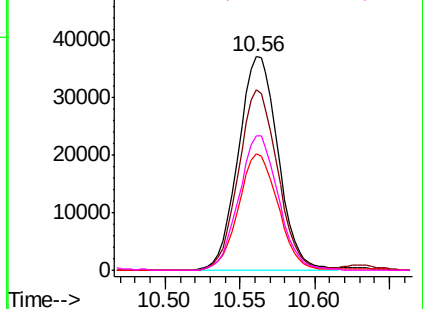


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 19.239 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN055800.D

Acq: 24 May 2019 16:58

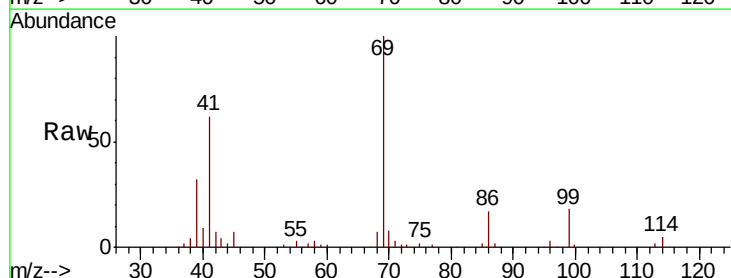
Tgt Ion: 69 Resp: 102186

Ion Ratio Lower Upper

69 100

41 62.2 49.7 74.5

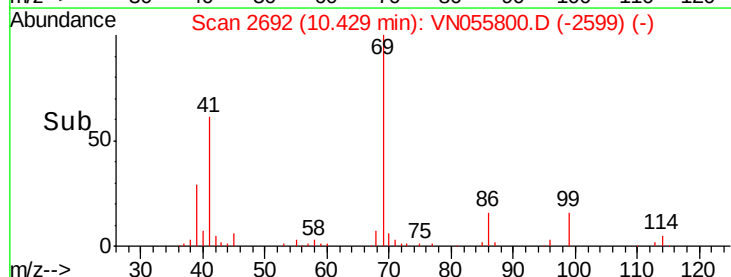
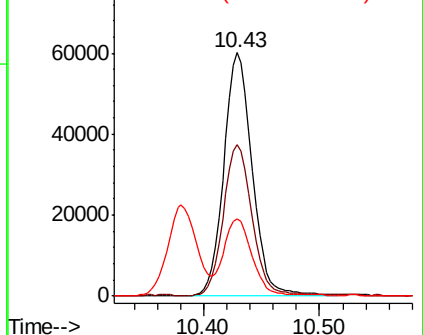
39 31.4 24.7 37.1

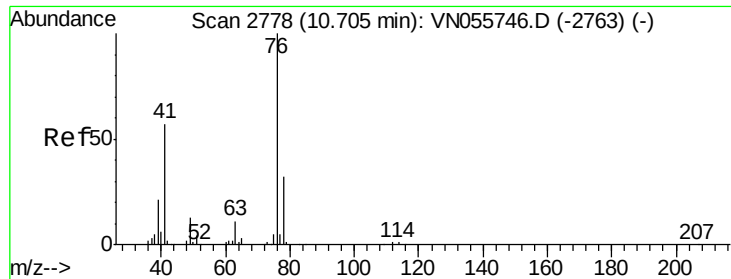


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 19.769 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN055800.D

Acq: 24 May 2019 16:58

Instrument :

MSVOA_N

ClientSampleId :

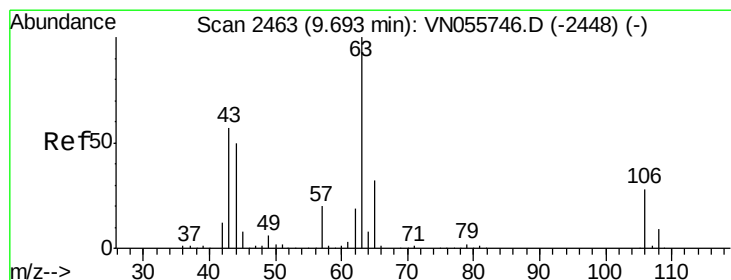
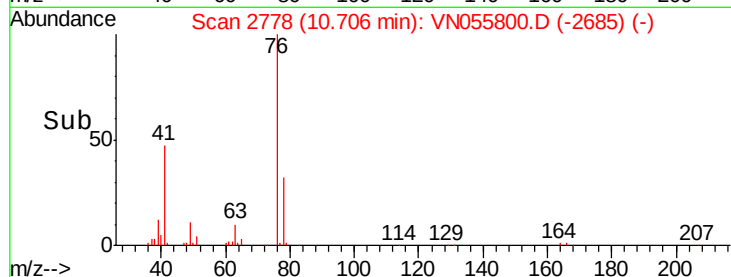
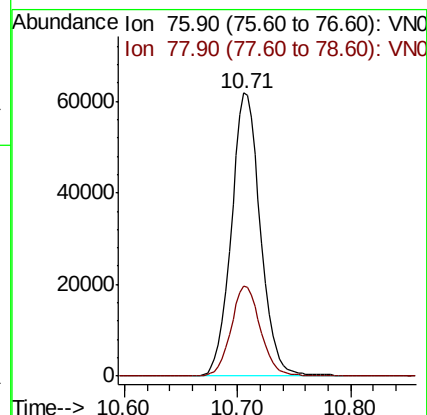
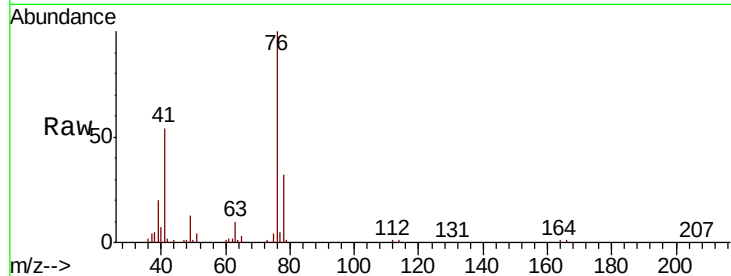
VN0524WBS02

Tot Ion: 76 Resp: 110436

Ion Ratio Lower Upper

76 100

78 32.1 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 94.567 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN055800.D

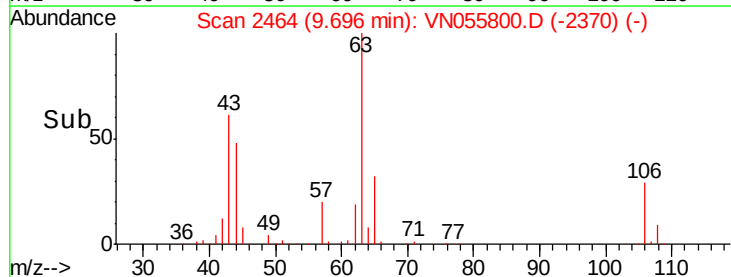
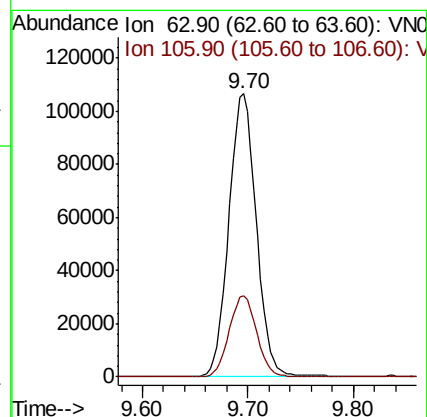
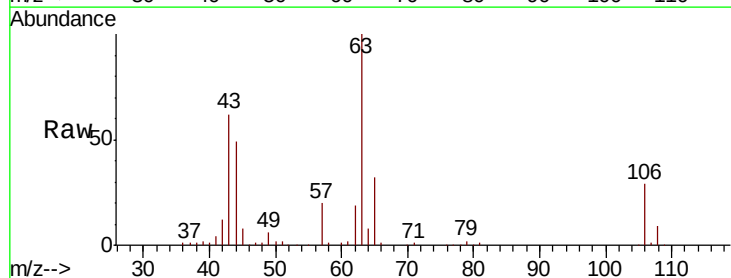
Acq: 24 May 2019 16:58

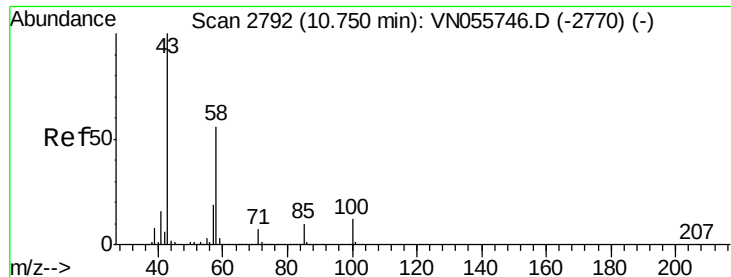
Tgt Ion: 63 Resp: 191951

Ion Ratio Lower Upper

63 100

106 28.9 22.7 34.1

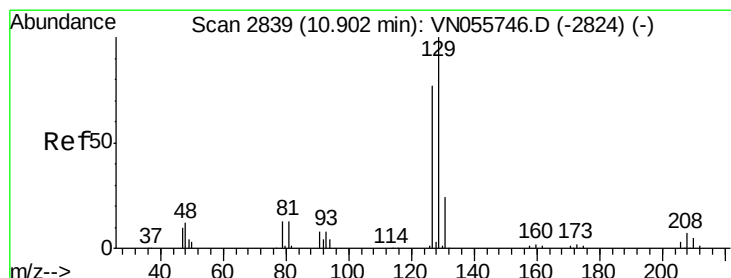
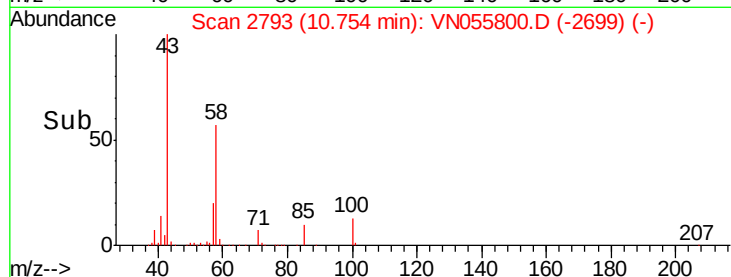
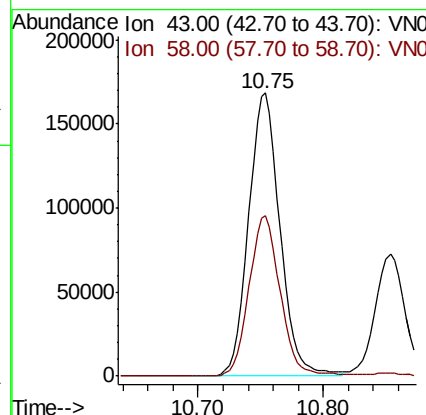
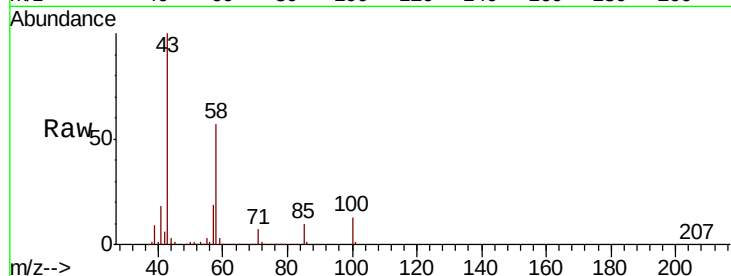




#59
2-Hexanone
Concen: 95.402 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN055800.D
Acq: 24 May 2019 16:58

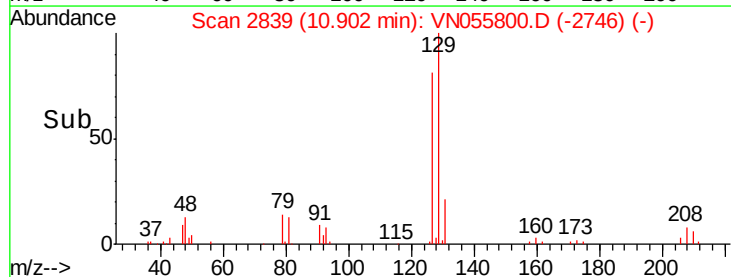
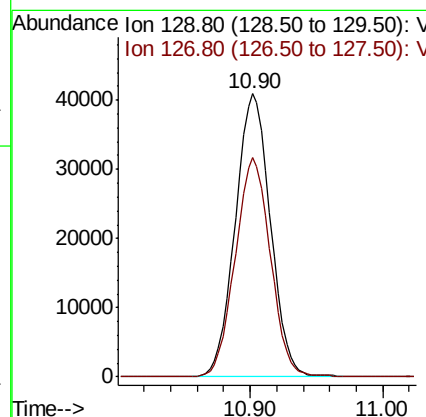
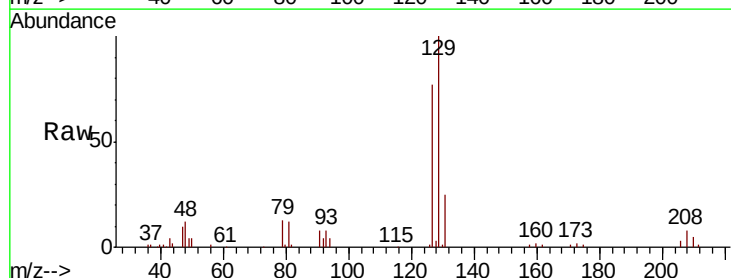
Instrument :
MSVOA_N
ClientSampleId :
VN0524WBS02

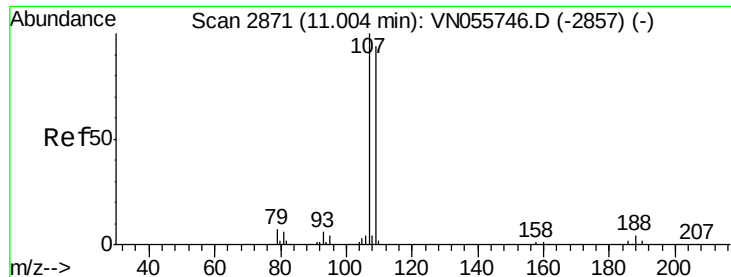
Tot Ion: 43 Resp: 293770
Ion Ratio Lower Upper
43 100
58 56.4 28.2 84.7



#60
Dibromochloromethane
Concen: 18.806 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN055800.D
Acq: 24 May 2019 16:58

Tgt Ion: 129 Resp: 75292
Ion Ratio Lower Upper
129 100
127 77.5 38.1 114.3





#61

1,2-Dibromoethane

Concen: 19.707 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VN055800.D

Acq: 24 May 2019 16:58

Instrument :

MSVOA_N

ClientSampleId :

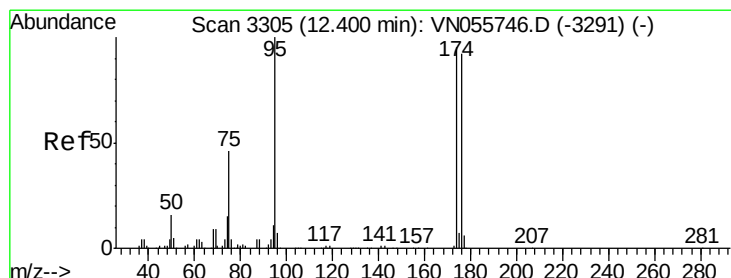
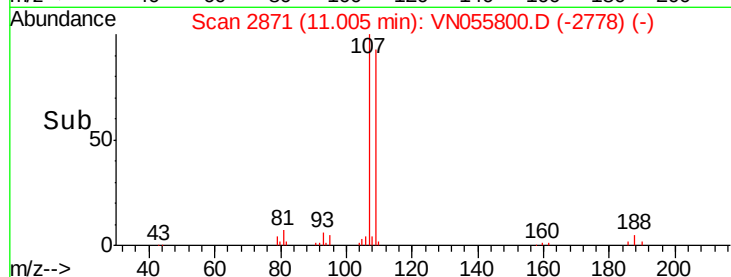
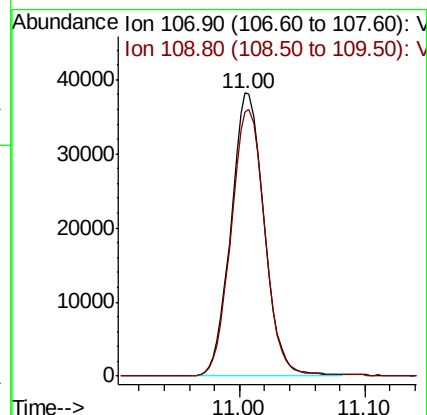
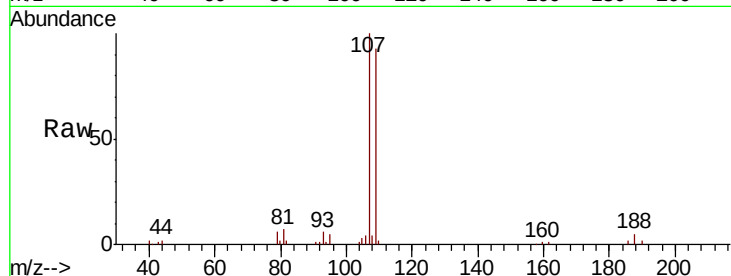
VN0524WBS02

Tot Ion:107 Resp: 70249

Ion Ratio Lower Upper

107 100

109 96.1 74.8 112.2



#62

4-Bromofluorobenzene

Concen: 47.867 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055800.D

Acq: 24 May 2019 16:58

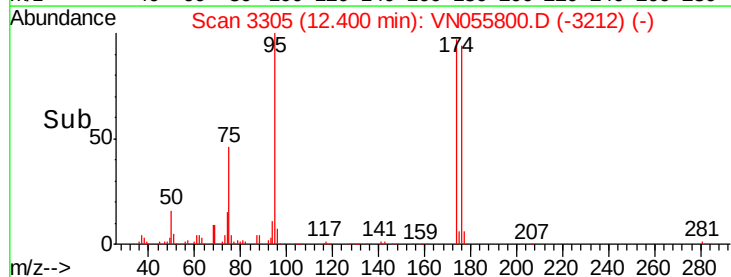
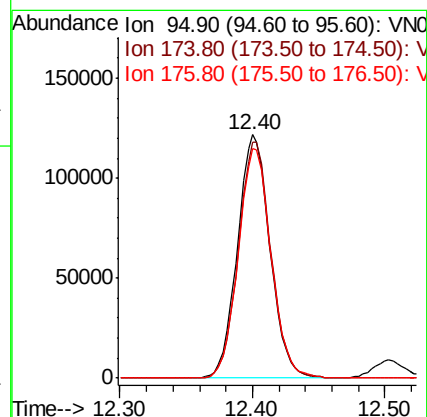
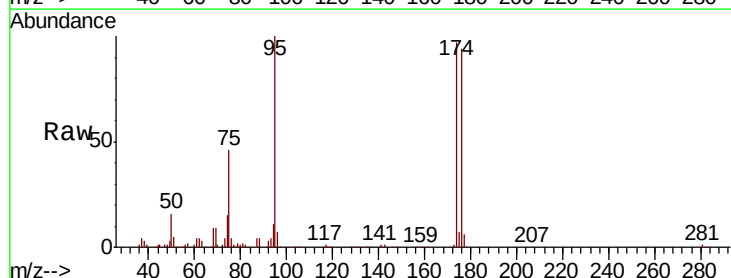
Tgt Ion: 95 Resp: 206726

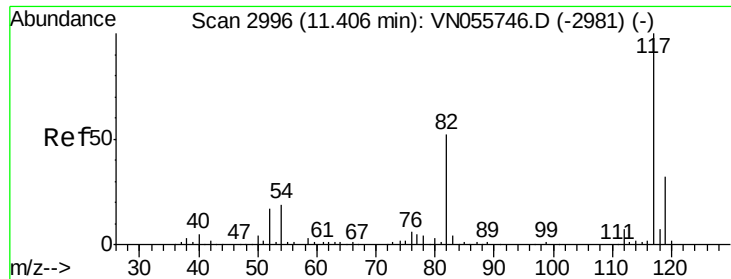
Ion Ratio Lower Upper

95 100

174 97.4 0.0 191.0

176 95.3 0.0 185.2

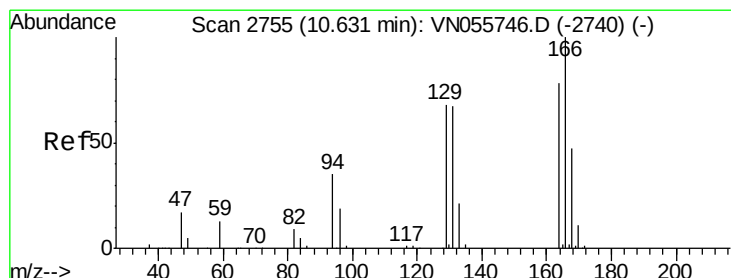
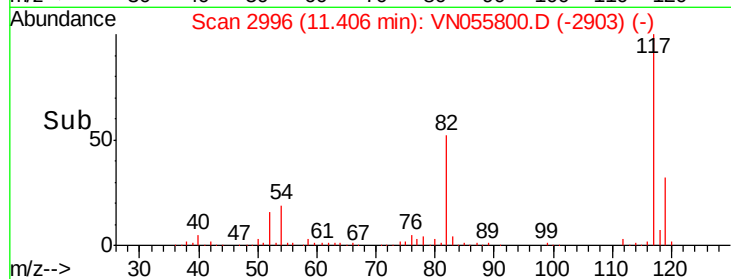
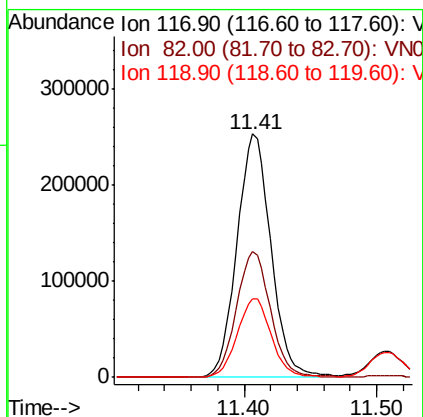
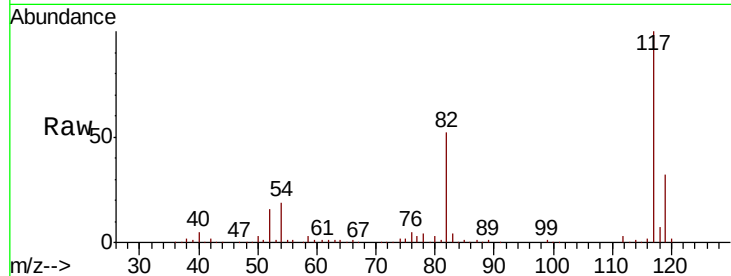




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055800.D
Acq: 24 May 2019 16:58

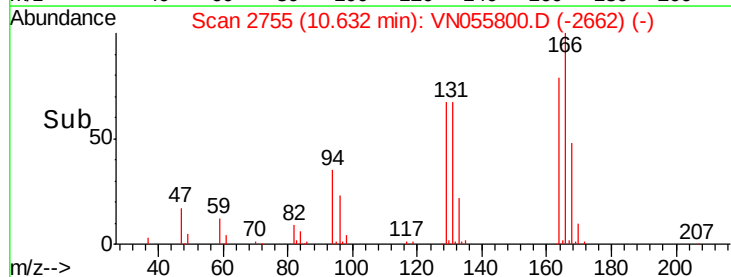
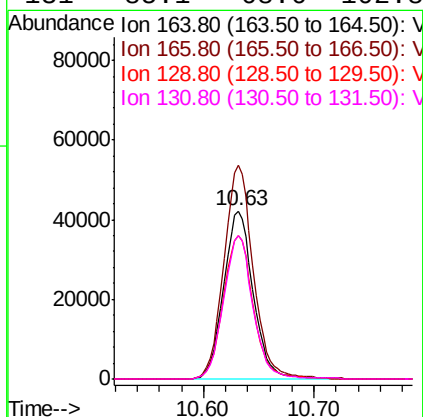
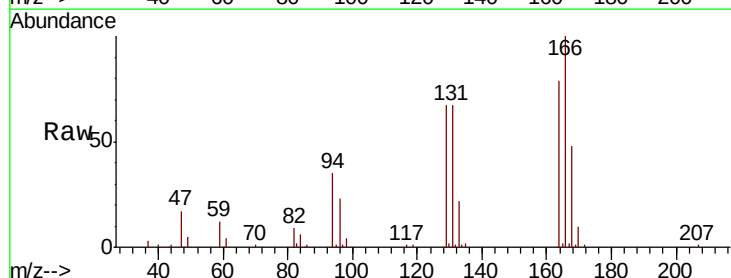
Instrument :
MSVOA_N
ClientSampleId :
VN0524WBS02

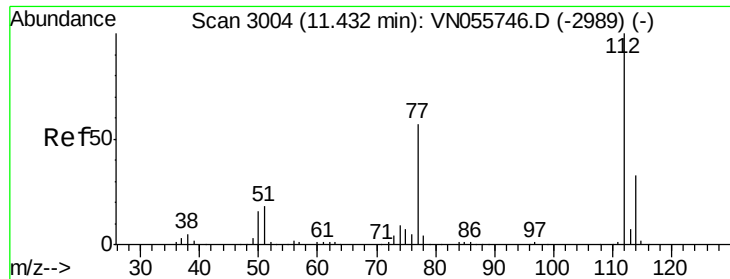
Tot Ion:117 Resp: 452123
Ion Ratio Lower Upper
117 100
82 51.6 41.8 62.8
119 32.4 25.4 38.0



#64
Tetrachloroethene
Concen: 20.582 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN055800.D
Acq: 24 May 2019 16:58

Tgt Ion:164 Resp: 78486
Ion Ratio Lower Upper
164 100
166 127.0 103.0 154.6
129 84.9 70.6 105.8
131 85.1 68.6 102.8

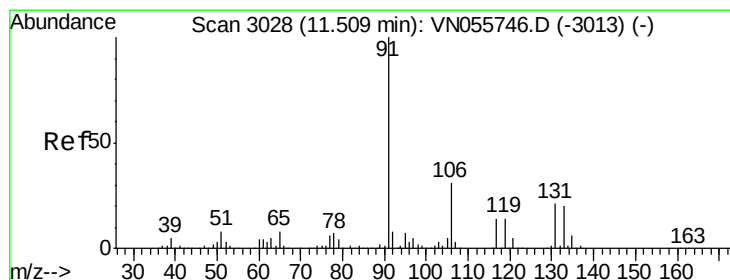
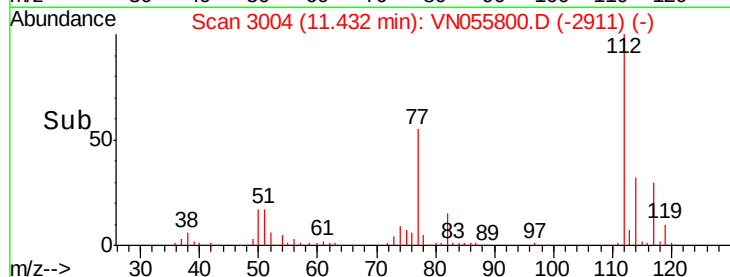
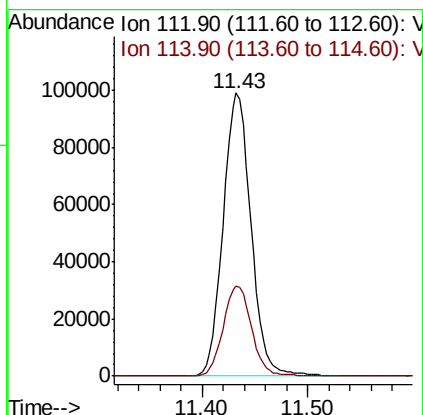
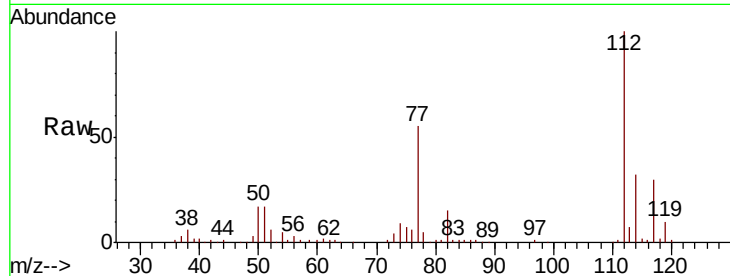




#65
Chlorobenzene
Concen: 20.003 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN055800.D
Acq: 24 May 2019 16:58

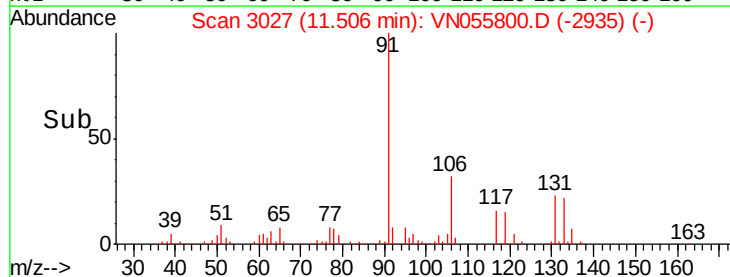
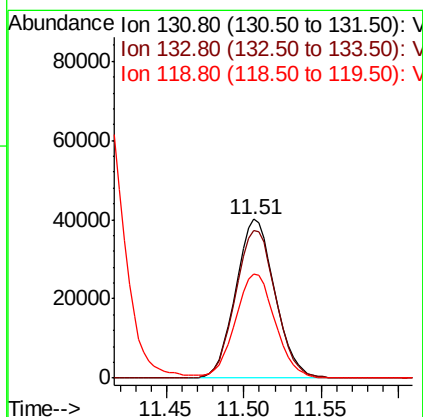
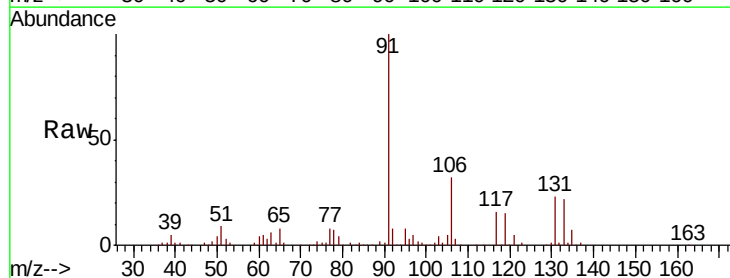
Instrument :
MSVOA_N
ClientSampled :
VN0524WBS02

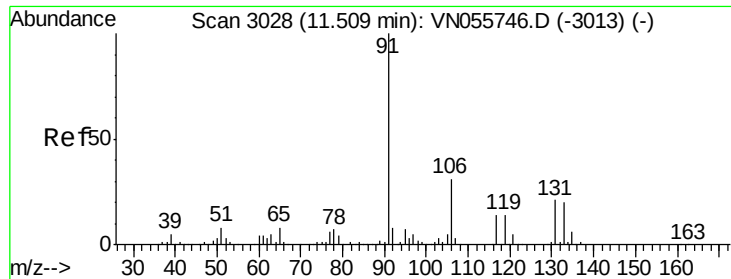
Tot Ion:112 Resp: 181049
Ion Ratio Lower Upper
112 100
114 31.9 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.585 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN055800.D
Acq: 24 May 2019 16:58

Tgt Ion:131 Resp: 70698
Ion Ratio Lower Upper
131 100
133 95.6 48.0 144.0
119 66.7 33.1 99.5

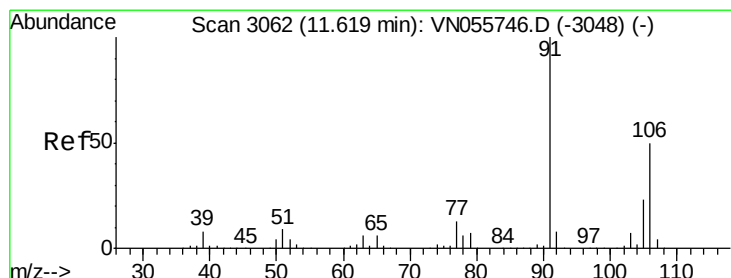
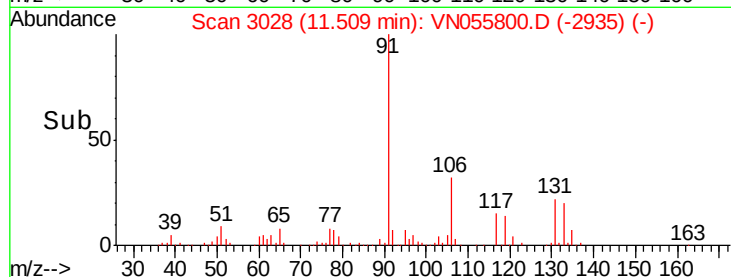
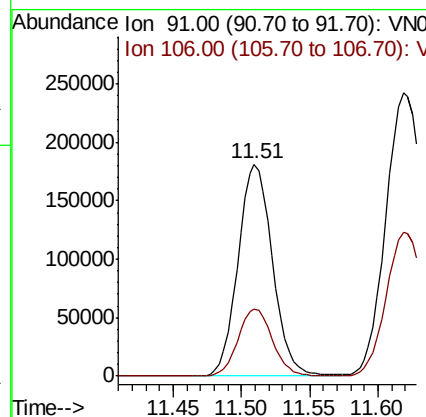
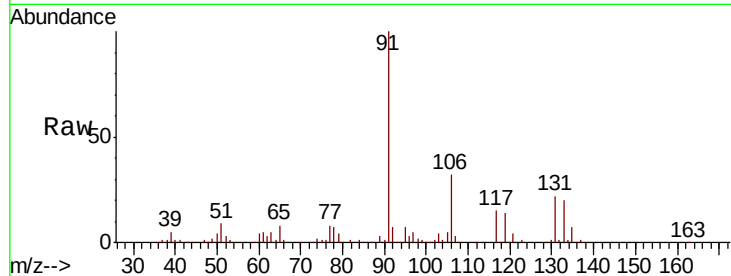




#67
Ethyl Benzene
Concen: 19.636 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055800.D
Acq: 24 May 2019 16:58

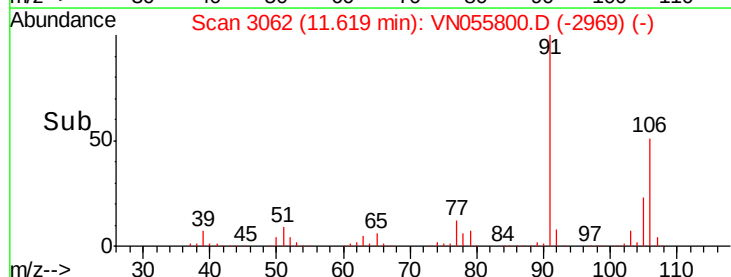
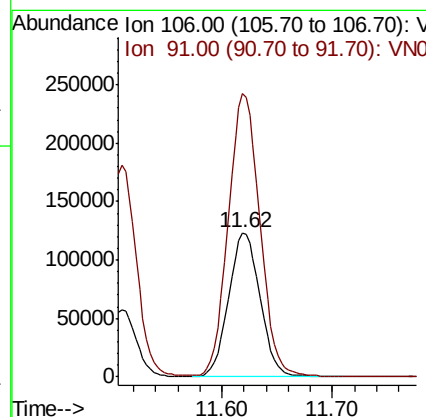
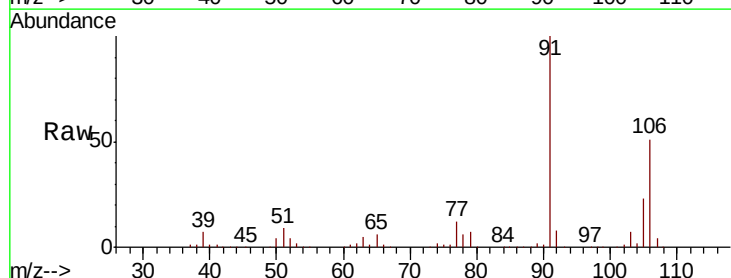
Instrument :
MSVOA_N
ClientSampled :
VN0524WBS02

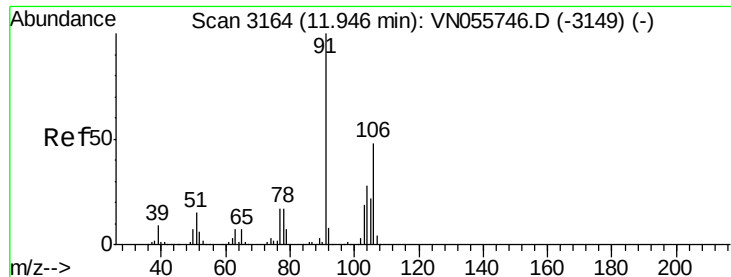
Tot Ion: 91 Resp: 318708
Ion Ratio Lower Upper
91 100
106 31.8 25.1 37.7



#68
m/p-Xylenes
Concen: 39.763 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN055800.D
Acq: 24 May 2019 16:58

Tgt Ion: 106 Resp: 243988
Ion Ratio Lower Upper
106 100
91 198.0 159.3 238.9

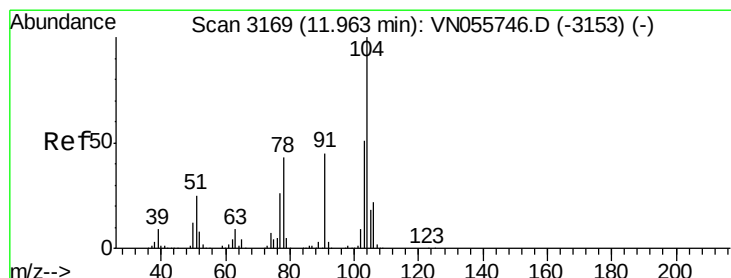
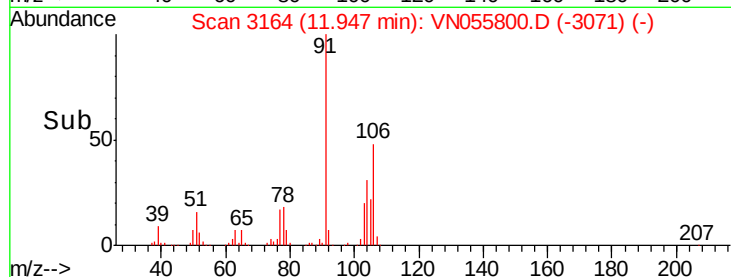
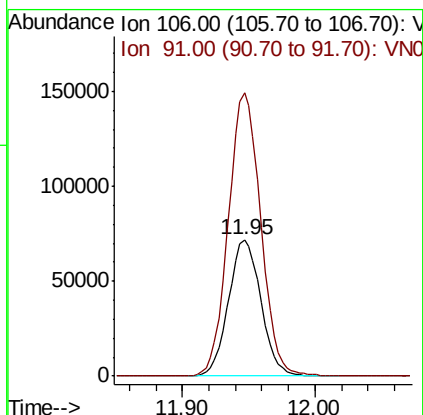
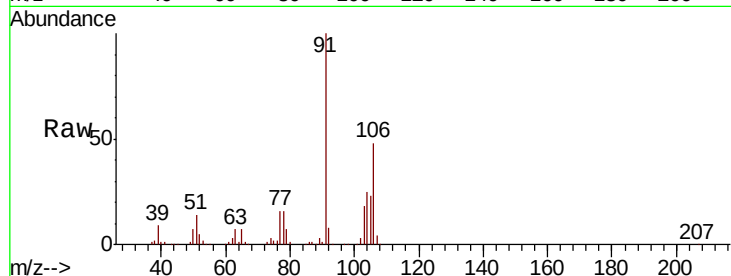




#69
o-Xylene
Concen: 20.053 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055800.D
Acq: 24 May 2019 16:58

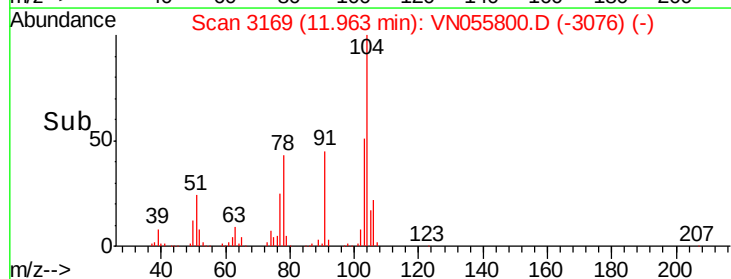
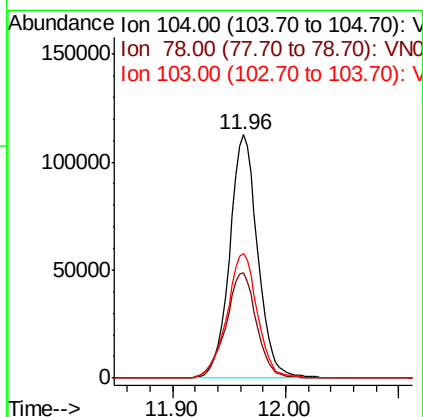
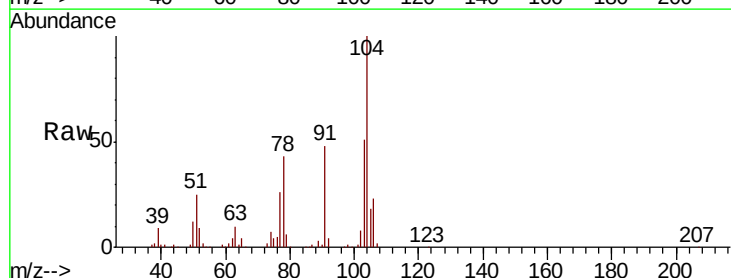
Instrument :
MSVOA_N
ClientSampleId :
VN0524WBS02

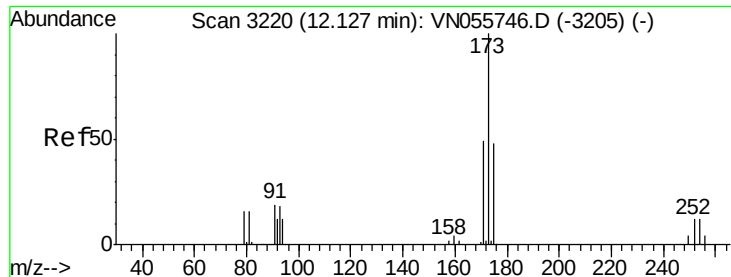
Tot Ion:106 Resp: 122082
Ion Ratio Lower Upper
106 100
91 207.6 104.7 314.1



#70
Styrene
Concen: 19.680 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN055800.D
Acq: 24 May 2019 16:58

Tgt Ion:104 Resp: 194021
Ion Ratio Lower Upper
104 100
78 47.4 37.8 56.6
103 55.7 44.2 66.2

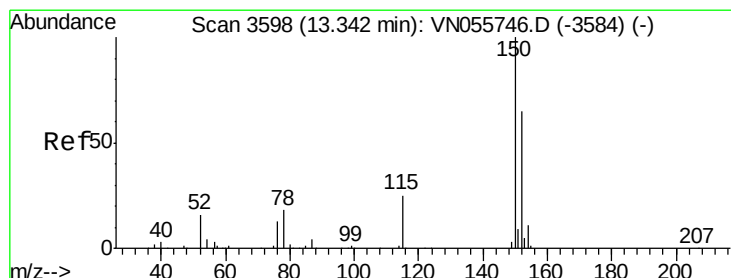
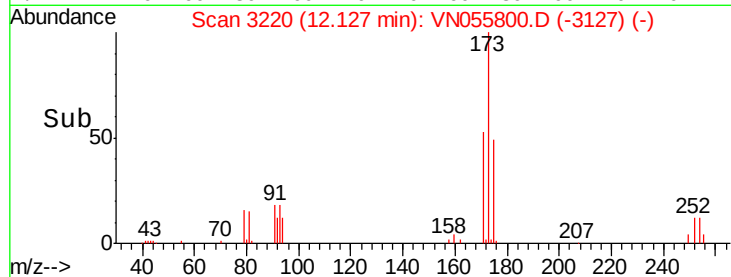
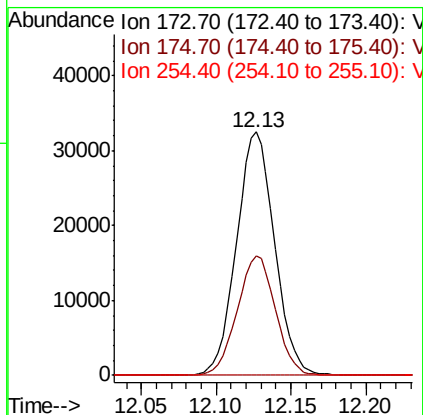
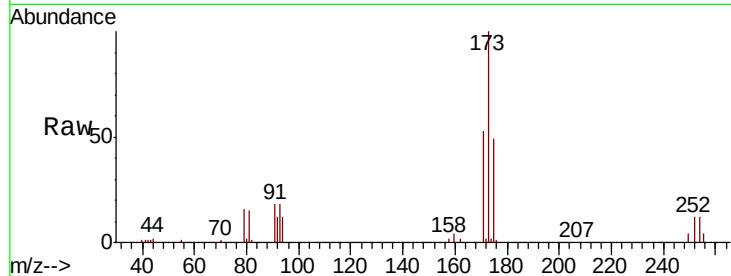




#71
Bromoform
Concen: 18.704 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN055800.D
Acq: 24 May 2019 16:58

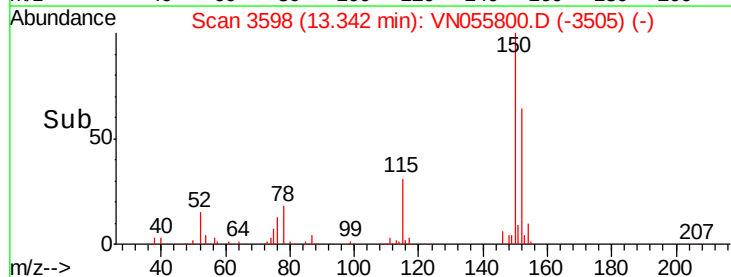
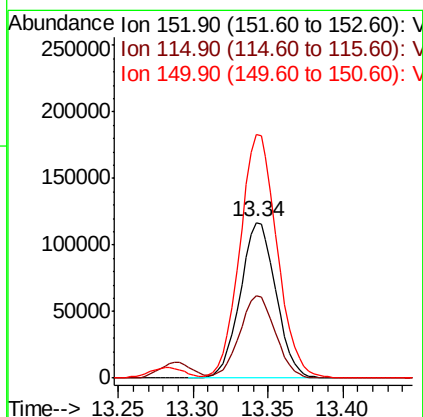
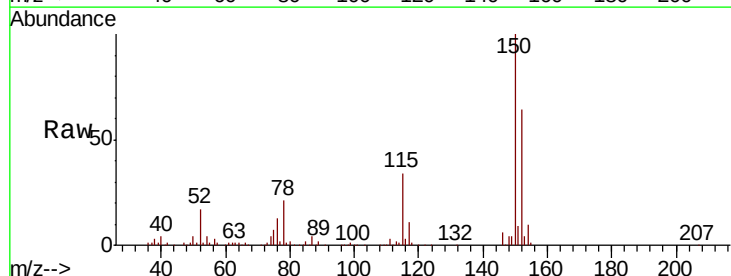
Instrument :
MSVOA_N
ClientSampleId :
VN0524WBS02

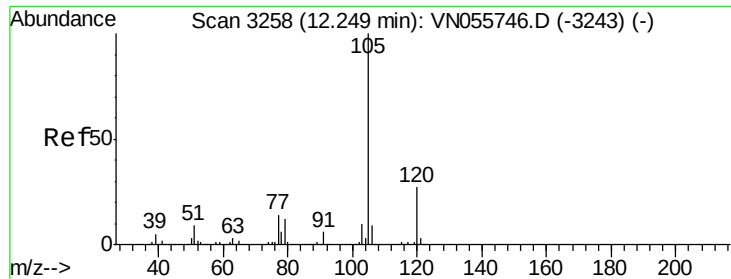
Tot Ion:173 Resp: 57592
Ion Ratio Lower Upper
173 100
175 48.9 24.3 72.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055800.D
Acq: 24 May 2019 16:58

Tgt Ion:152 Resp: 193986
Ion Ratio Lower Upper
152 100
115 52.9 27.0 81.0
150 163.2 0.0 343.2





#73

Isopropylbenzene

Concen: 21.340 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055800.D

Acq: 24 May 2019 16:58

Instrument :

MSVOA_N

ClientSampleId :

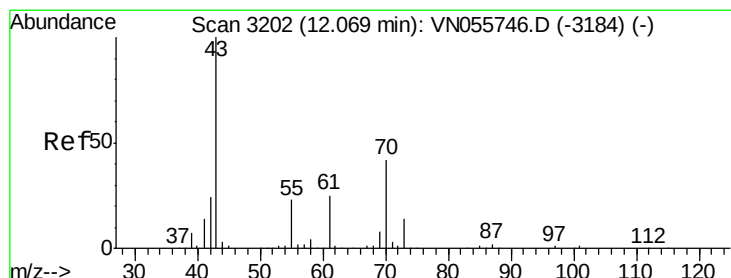
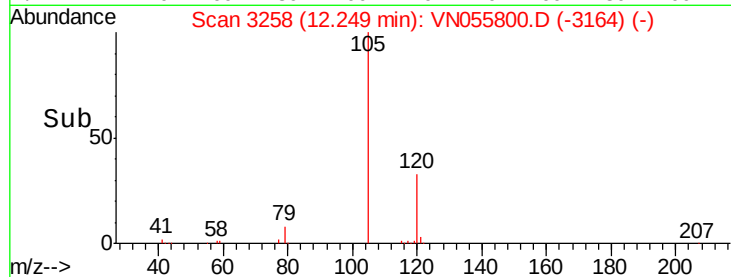
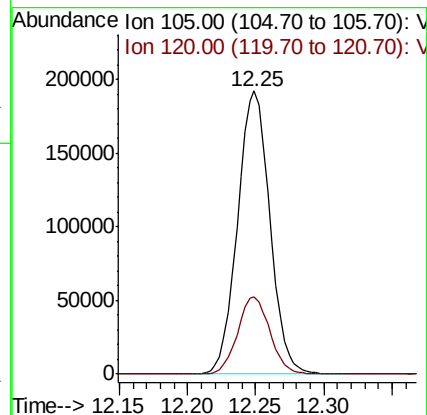
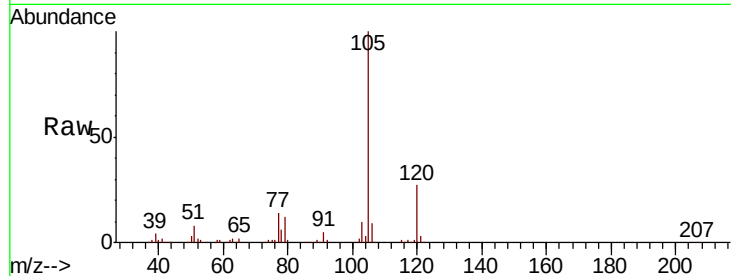
VN0524WBS02

Tot Ion:105 Resp: 315569

Ion Ratio Lower Upper

105 100

120 27.2 13.6 40.7



#74

N-ethyl acetate

Concen: 20.227 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN055800.D

Acq: 24 May 2019 16:58

Tgt Ion: 43 Resp: 113381

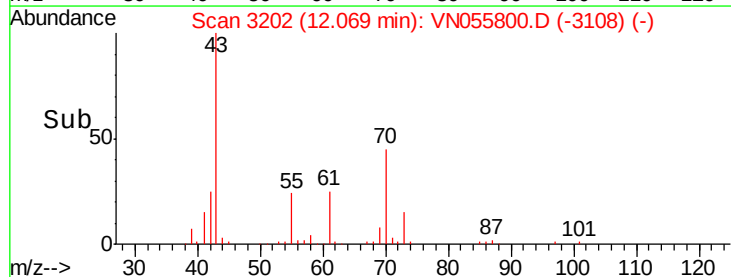
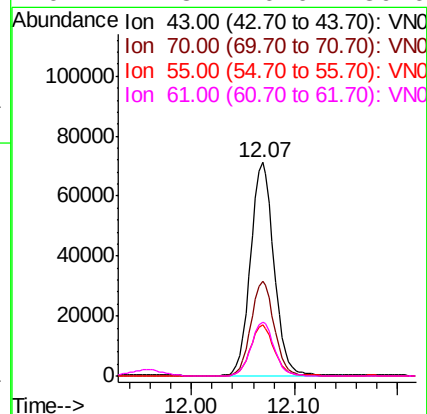
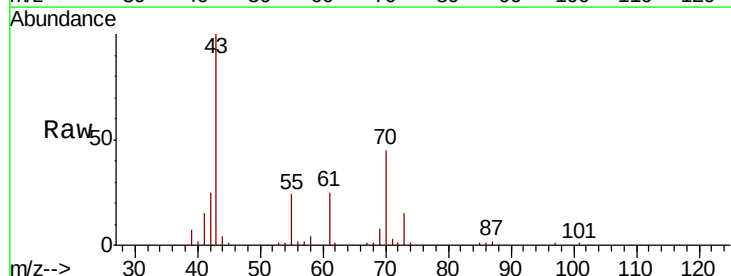
Ion Ratio Lower Upper

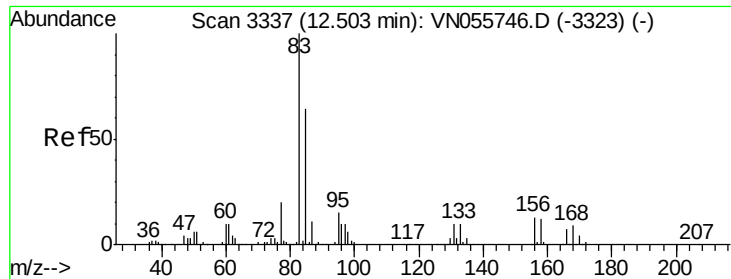
43 100

70 44.0 34.0 51.0

55 24.2 18.6 28.0

61 24.8 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.571 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN055800.D

Acq: 24 May 2019 16:58

Instrument :

MSVOA_N

ClientSampleId :

VN0524WBS02

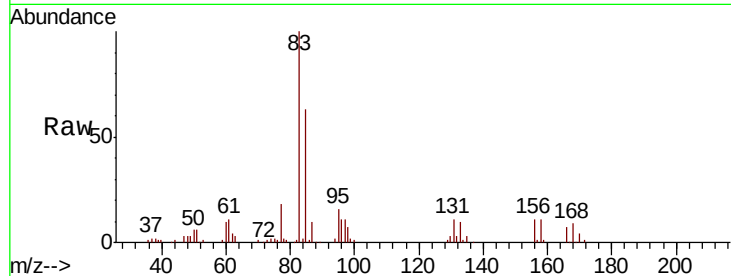
Tot Ion: 83 Resp: 95853

Ion Ratio Lower Upper

83 100

131 10.9 5.4 16.2

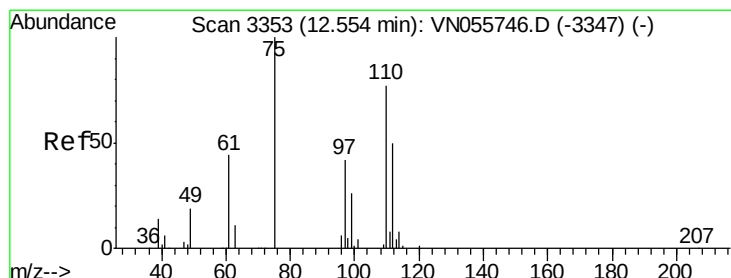
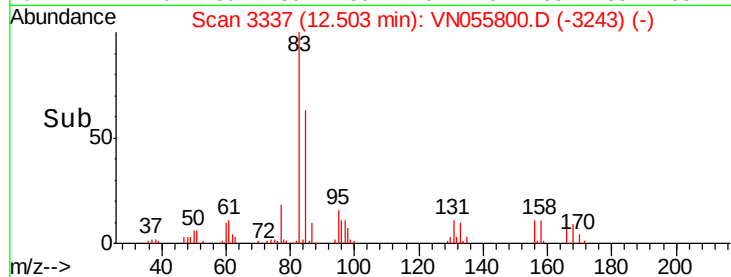
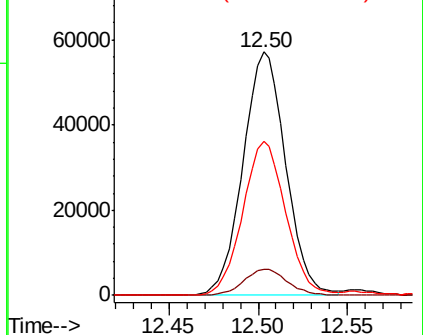
85 63.5 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN055800.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN055800.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN055800.D (-3243) (-)



#76

1,2,3-Trichloropropane

Concen: 32.384 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN055800.D

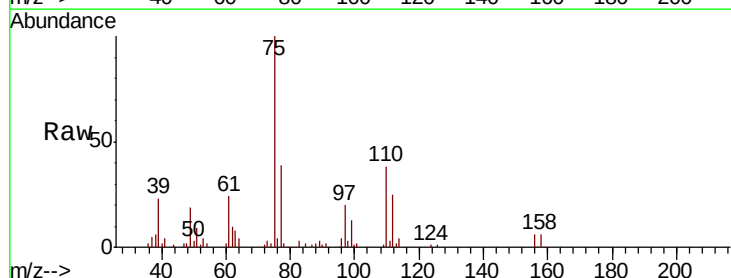
Acq: 24 May 2019 16:58

Tgt Ion: 75 Resp: 111877

Ion Ratio Lower Upper

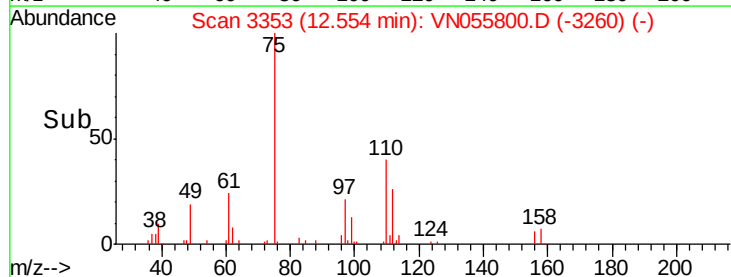
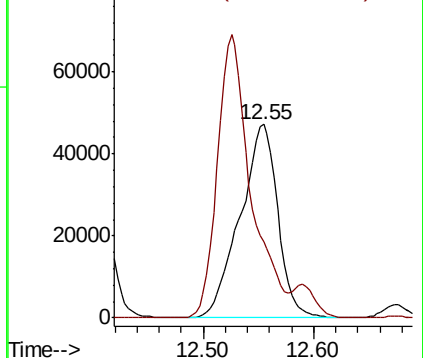
75 100

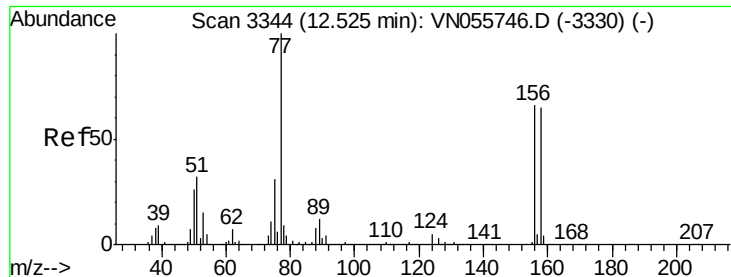
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN055800.D (-3260) (-)

Ion 77.00 (76.70 to 77.70): VN055800.D (-3260) (-)





#77

Bromobenzene

Concen: 20.033 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN055800.D

Acq: 24 May 2019 16:58

Instrument :

MSVOA_N

ClientSampleId :

VN0524WBS02

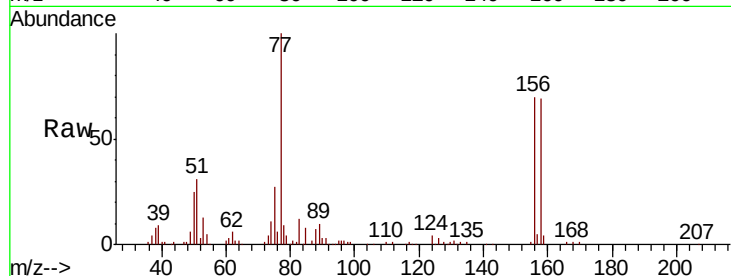
Tot Ion:156 Resp: 82925

Ion Ratio Lower Upper

156 100

77 175.0 90.8 272.5

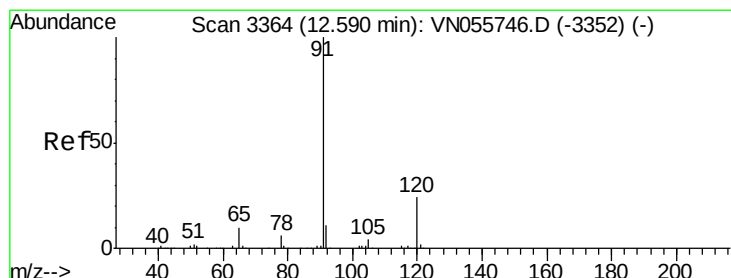
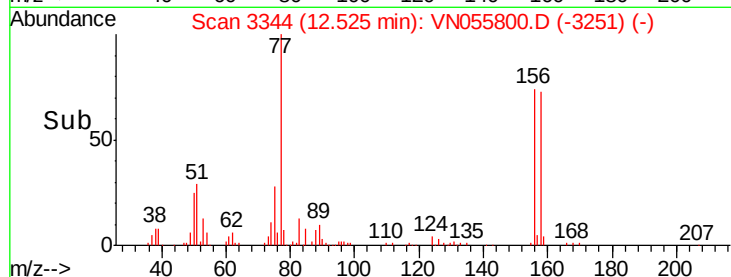
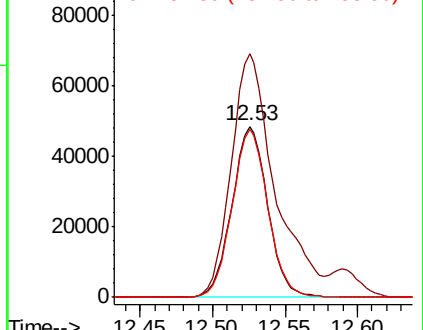
158 98.3 49.3 147.8



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: 19.049 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055800.D

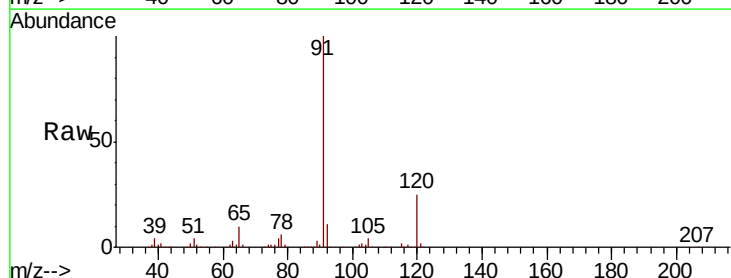
Acq: 24 May 2019 16:58

Tgt Ion: 91 Resp: 321174

Ion Ratio Lower Upper

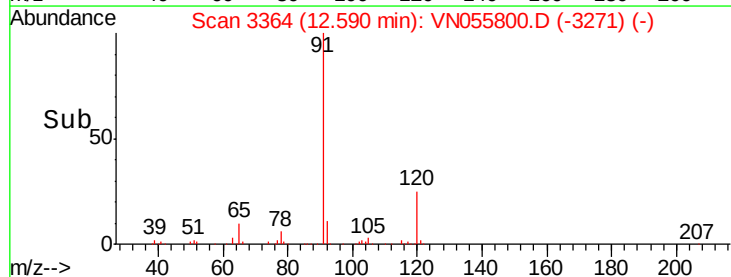
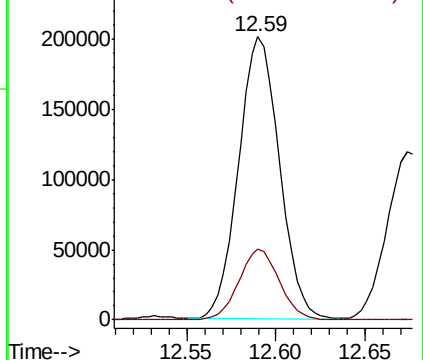
91 100

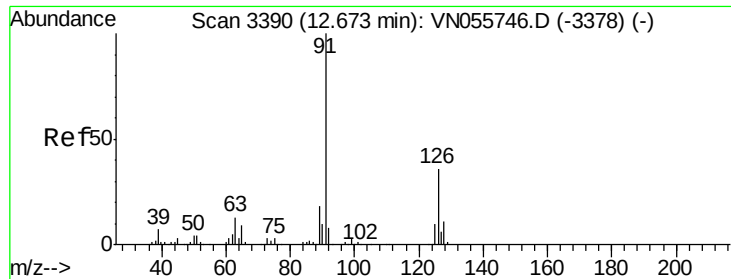
120 24.9 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.676 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN055800.D

Acq: 24 May 2019 16:58

Instrument :

MSVOA_N

ClientSampleId :

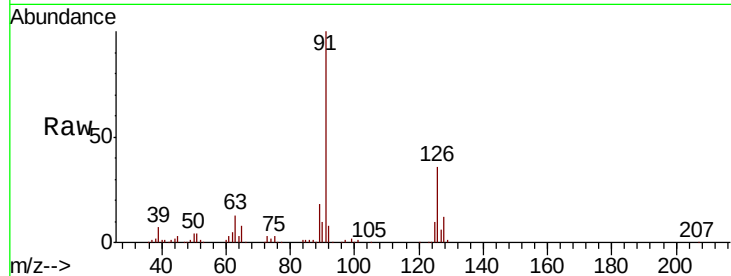
VN0524WBS02

Tot Ion: 91 Resp: 201350

Ion Ratio Lower Upper

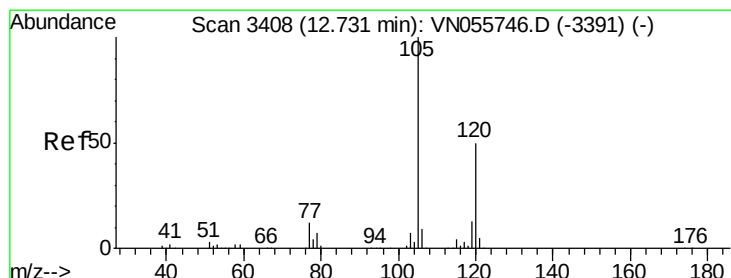
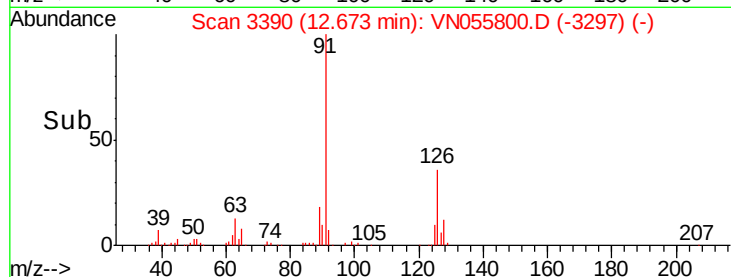
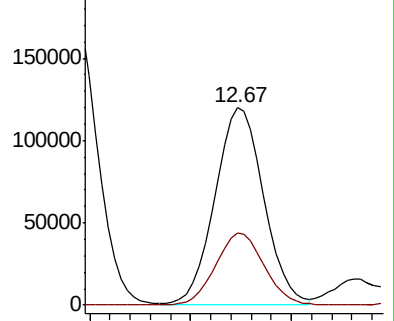
91 100

126 36.8 18.1 54.4



Abundance Ion 91.00 (90.70 to 91.70): VN055746.D (-3378) (-)

Ion 125.90 (125.60 to 126.60): VN055746.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.603 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055800.D

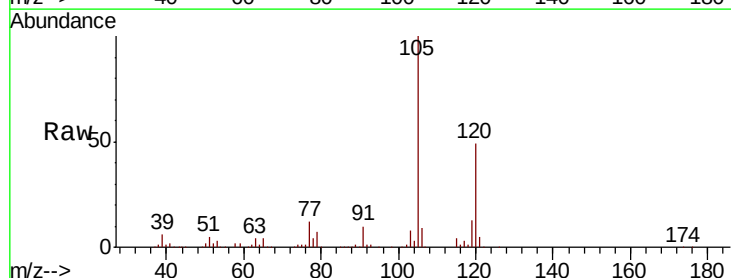
Acq: 24 May 2019 16:58

Tgt Ion:105 Resp: 256790

Ion Ratio Lower Upper

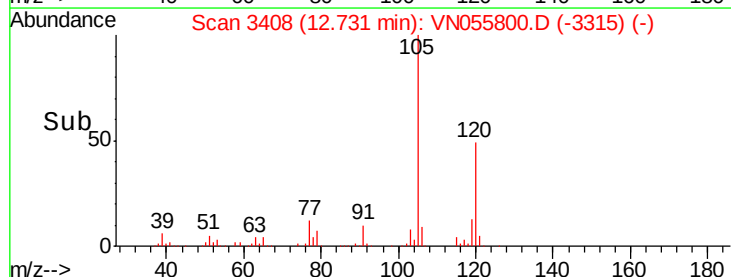
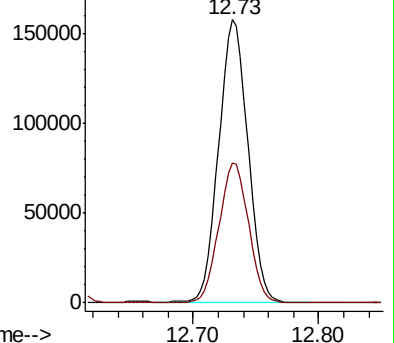
105 100

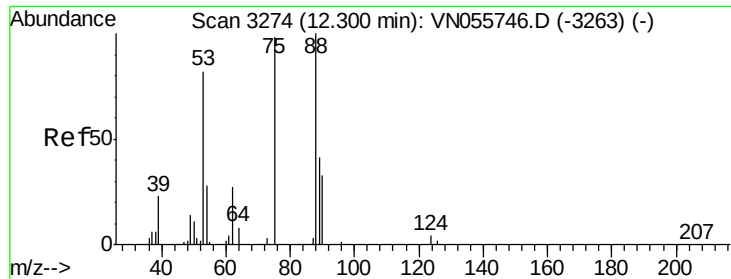
120 49.7 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): VN055746.D (-3391) (-)

Ion 120.00 (119.70 to 120.70): VN055746.D (-3391) (-)

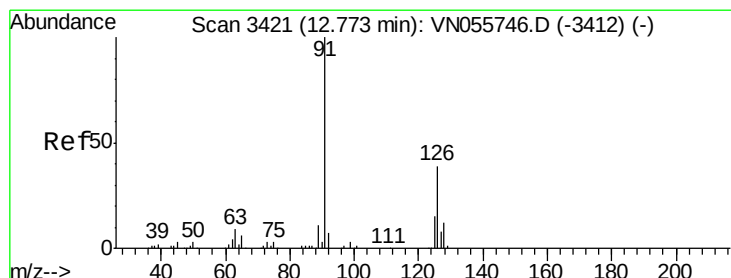
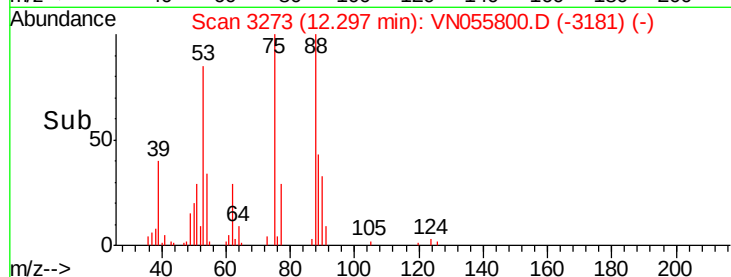
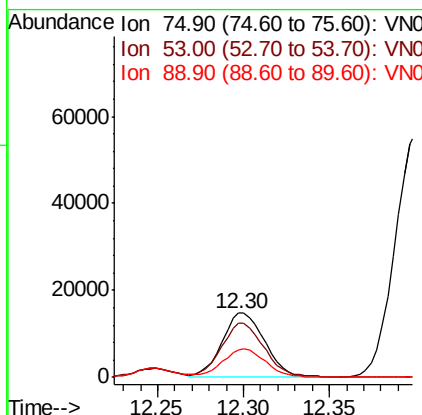
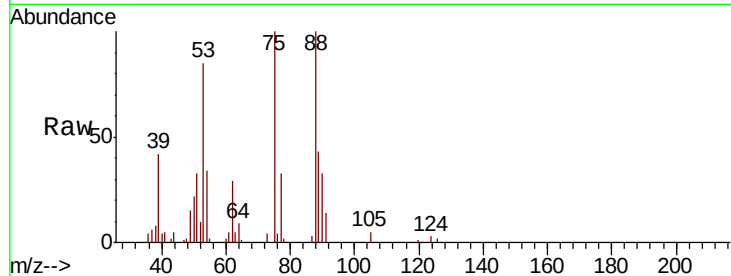




#81
trans-1,4-Dichloro-2-butene
Concen: 17.911 ug/l
RT: 12.30 min Scan# 3273
Delta R.T. -0.00 min
Lab File: VN055800.D
Acq: 24 May 2019 16:58

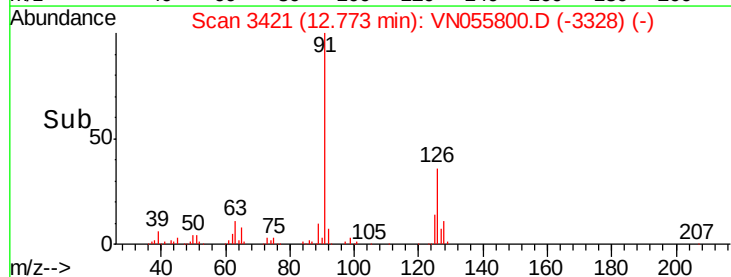
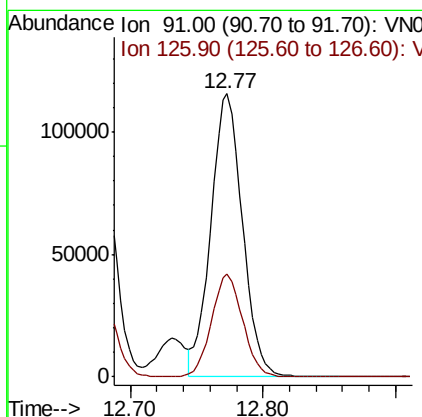
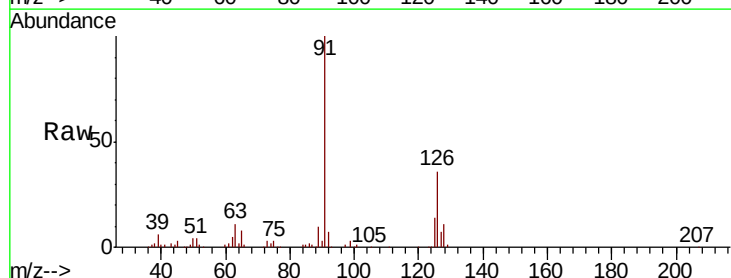
Instrument :
MSVOA_N
ClientSampleId :
VN0524WBS02

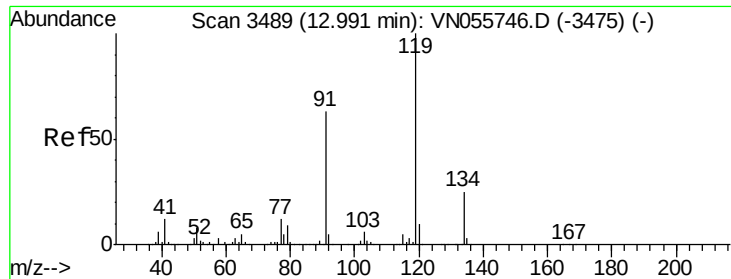
Tot Ion: 75 Resp: 25823
Ion Ratio Lower Upper
75 100
53 84.8 68.1 102.1
89 44.6 36.9 55.3



#82
4-Chlorotoluene
Concen: 19.287 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. 0.00 min
Lab File: VN055800.D
Acq: 24 May 2019 16:58

Tgt Ion: 91 Resp: 191150
Ion Ratio Lower Upper
91 100
126 35.7 17.8 53.3

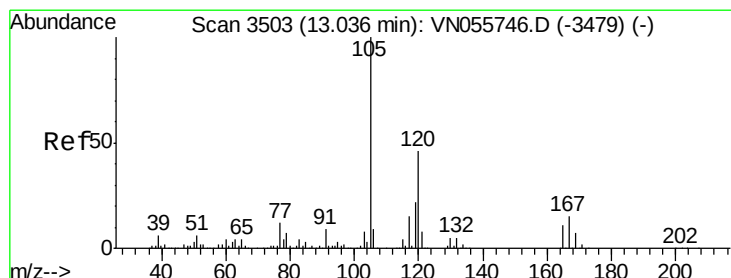
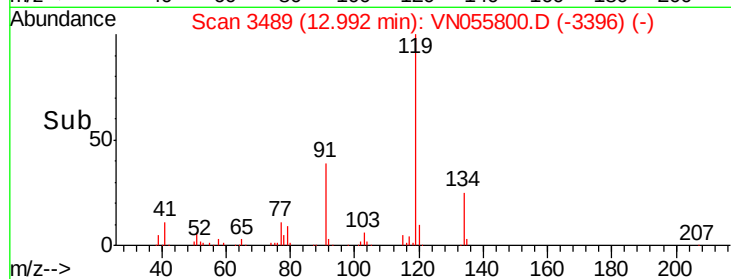
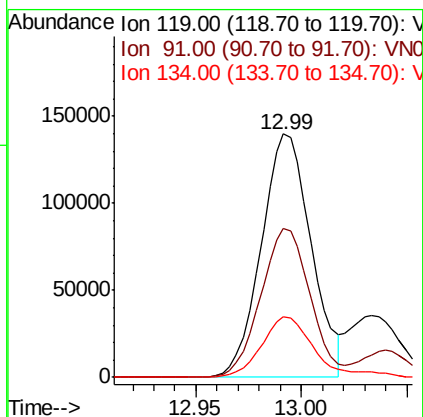
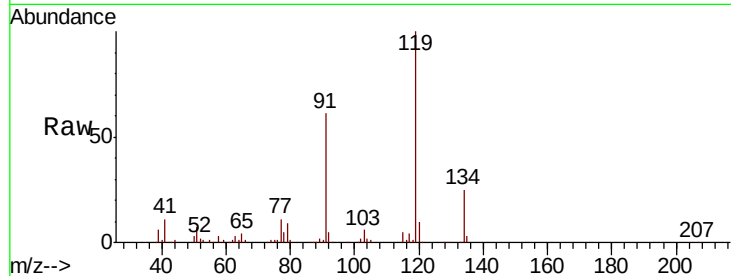




#83
 tert-Butylbenzene
 Concen: 21.196 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN055800.D
 Acq: 24 May 2019 16:58

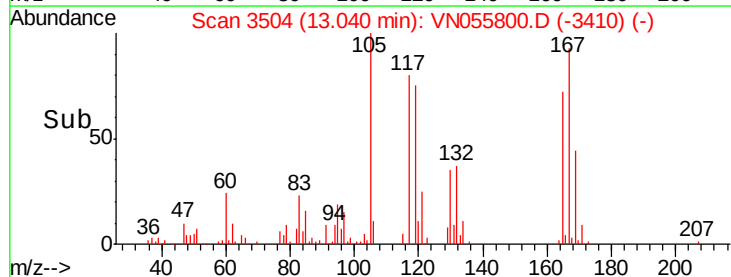
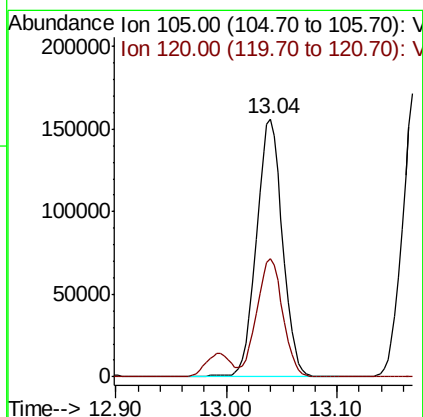
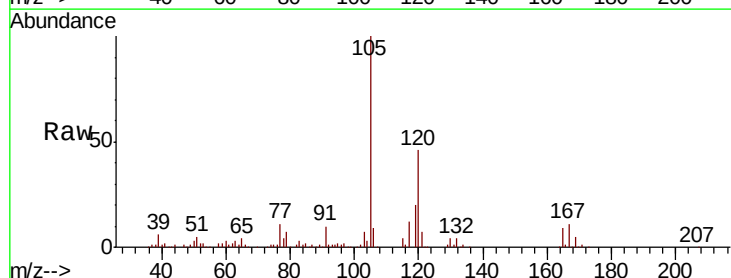
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0524WBS02

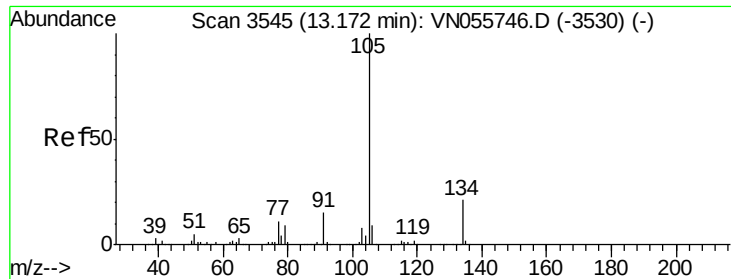
Tot Ion:119 Resp: 230313
 Ion Ratio Lower Upper
 119 100
 91 60.5 30.9 92.8
 134 26.4 13.3 39.8



#84
 1,2,4-Trimethylbenzene
 Concen: 20.580 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN055800.D
 Acq: 24 May 2019 16:58

Tgt Ion:105 Resp: 254618
 Ion Ratio Lower Upper
 105 100
 120 46.1 23.0 69.0





#85

sec-Butylbenzene

Concen: 20.382 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN055800.D

Acq: 24 May 2019 16:58

Instrument :

MSVOA_N

ClientSampleId :

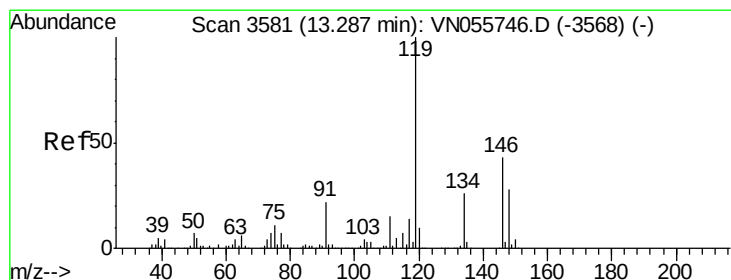
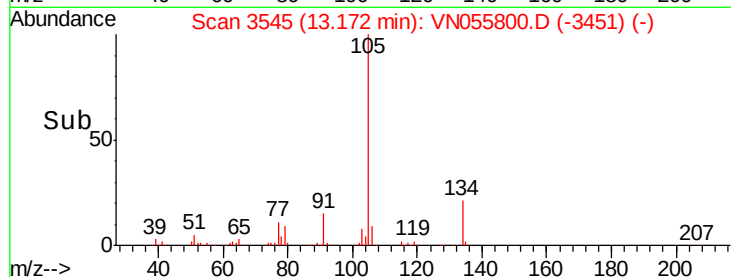
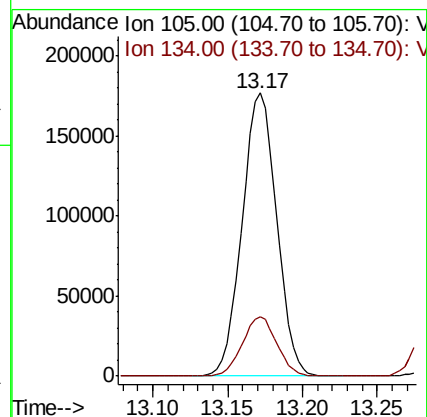
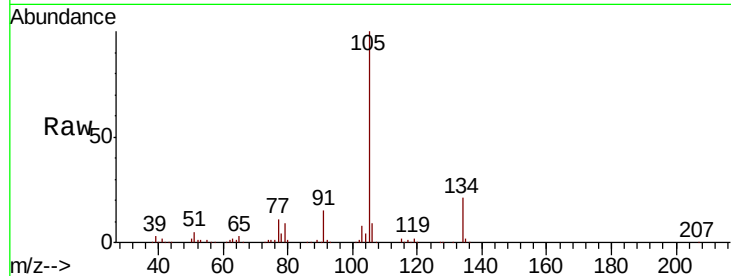
VN0524WBS02

Tot Ion:105 Resp: 284432

Ion Ratio Lower Upper

105 100

134 20.8 10.4 31.2



#86

p-Isopropyltoluene

Concen: 19.121 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN055800.D

Acq: 24 May 2019 16:58

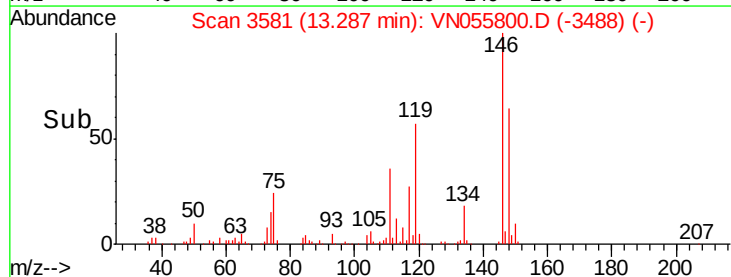
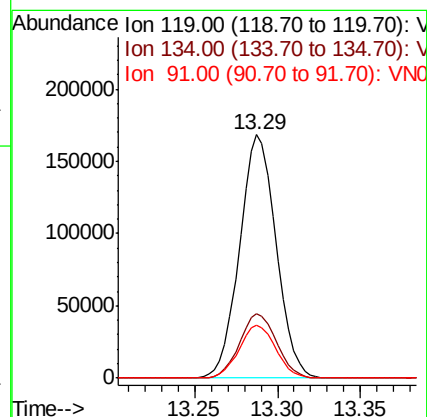
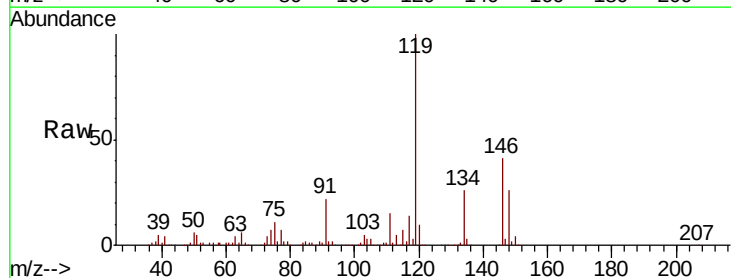
Tgt Ion:119 Resp: 257592

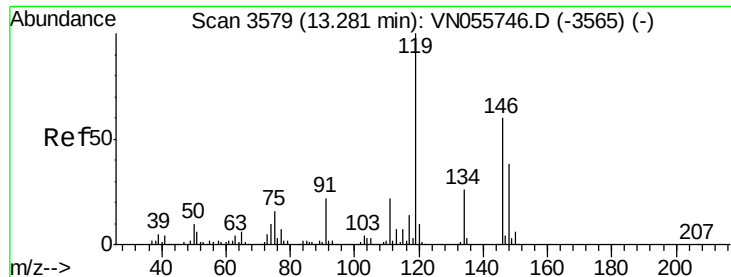
Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.1

91 21.9 10.9 32.9

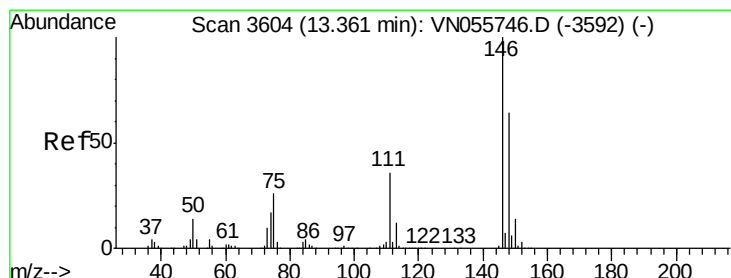
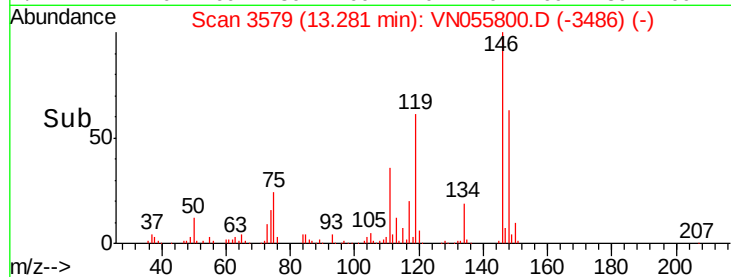
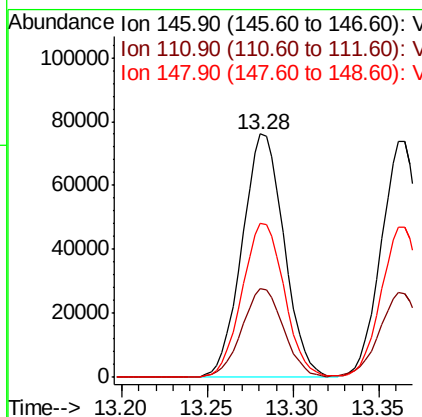
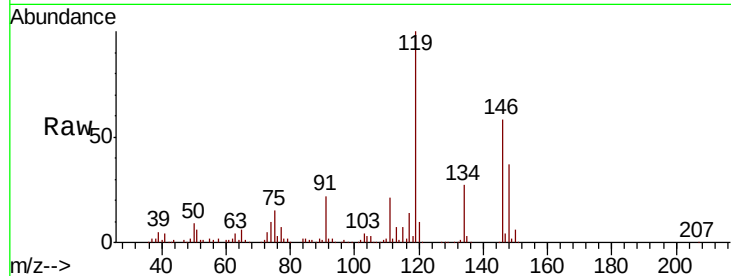




#87
 1,3-Dichlorobenzene
 Concen: 19.664 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN055800.D
 Acq: 24 May 2019 16:58

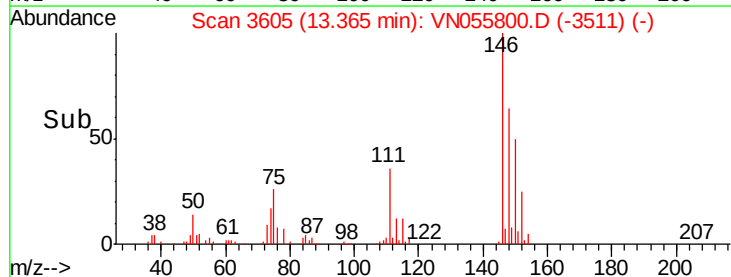
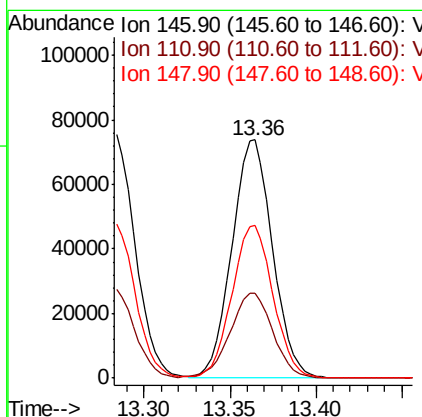
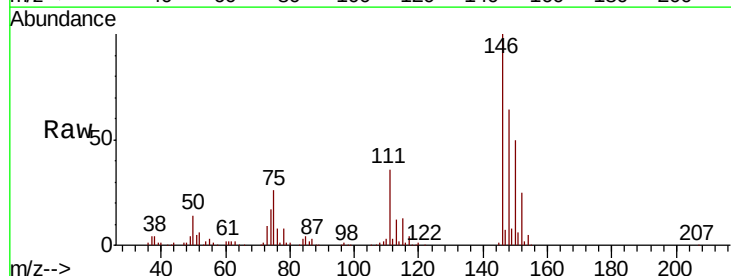
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0524WBS02

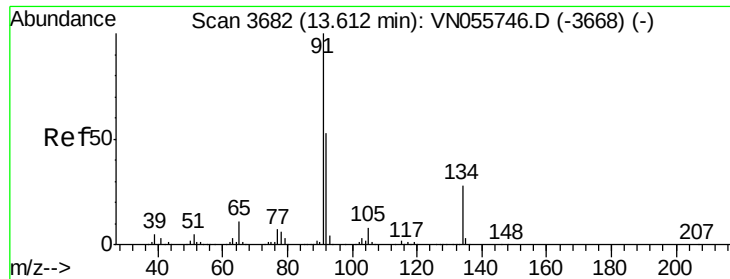
Tot Ion:146 Resp: 128886
 Ion Ratio Lower Upper
 146 100
 111 36.2 18.5 55.5
 148 63.6 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 19.473 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN055800.D
 Acq: 24 May 2019 16:58

Tgt Ion:146 Resp: 121353
 Ion Ratio Lower Upper
 146 100
 111 37.7 18.1 54.4
 148 64.7 32.1 96.5

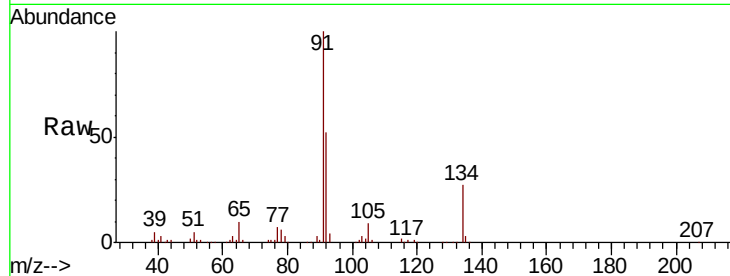




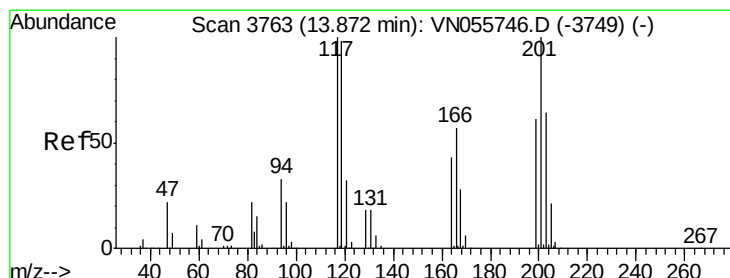
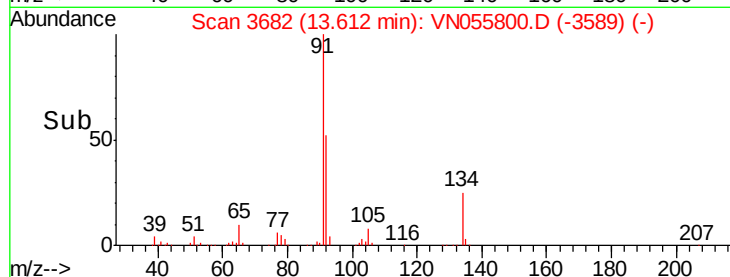
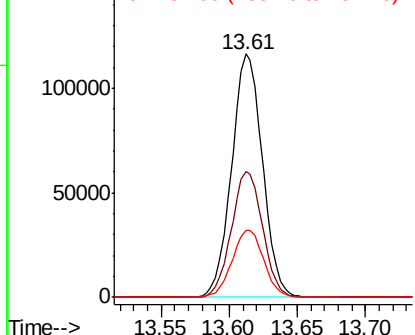
#89
n-Butylbenzene
Concen: 17.696 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN055800.D
Acq: 24 May 2019 16:58

Instrument :
MSVOA_N
ClientSampled :
VN0524WBS02

Tot Ion: 91 Resp: 182656
Ion Ratio Lower Upper
91 100
92 52.3 26.4 79.0
134 28.2 13.9 41.7

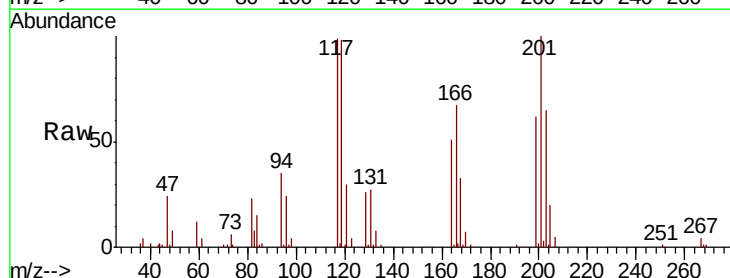


Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 92.00 (91.70 to 92.70): VN0
Ion 134.00 (133.70 to 134.70): VN0

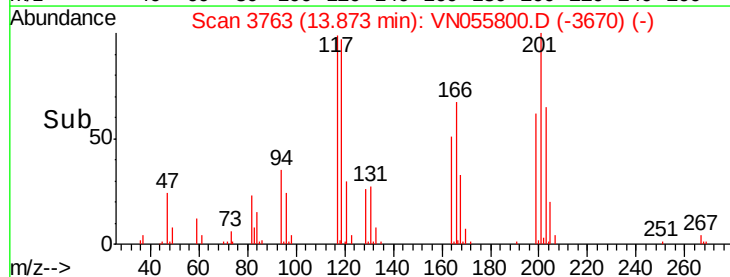
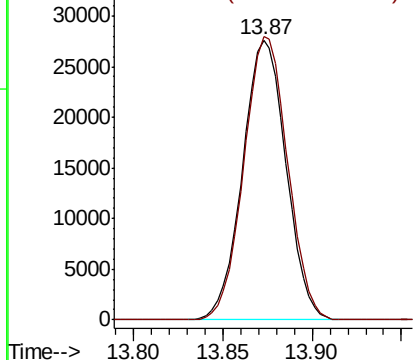


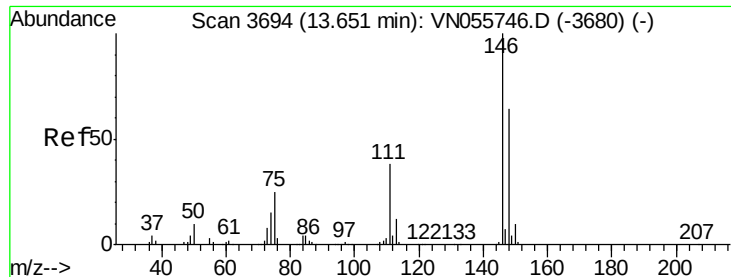
#90
Hexachloroethane
Concen: 18.319 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN055800.D
Acq: 24 May 2019 16:58

Tgt Ion: 117 Resp: 46973
Ion Ratio Lower Upper
117 100
201 101.8 50.0 150.0



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

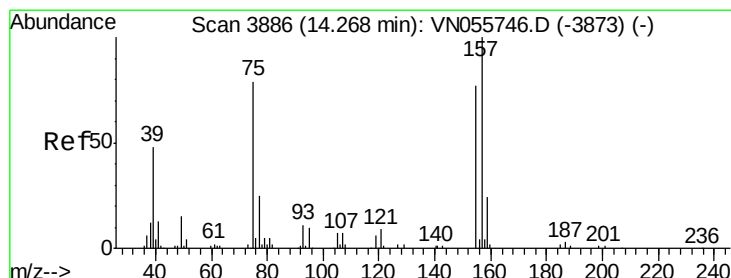
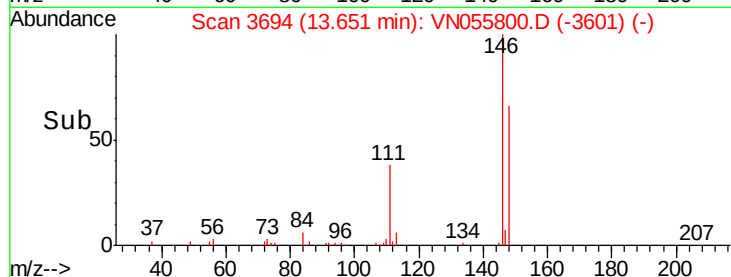
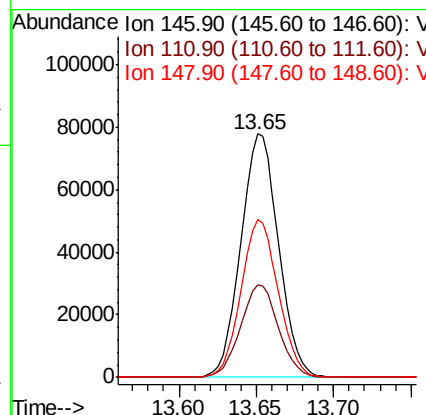
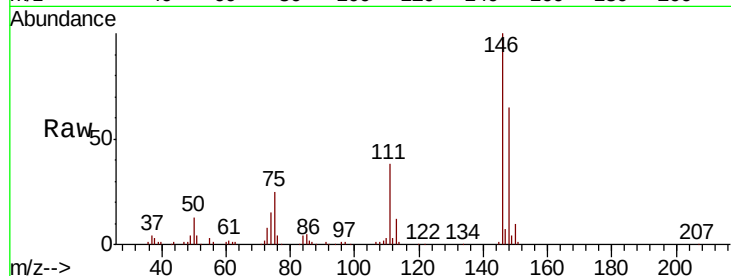




#91
 1,2-Dichlorobenzene
 Concen: 20.105 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN055800.D
 Acq: 24 May 2019 16:58

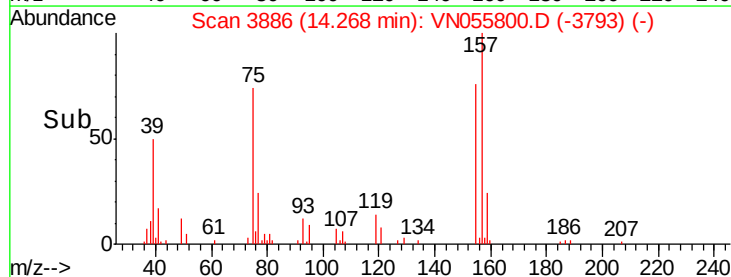
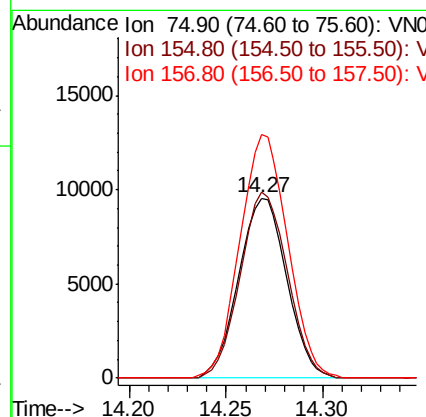
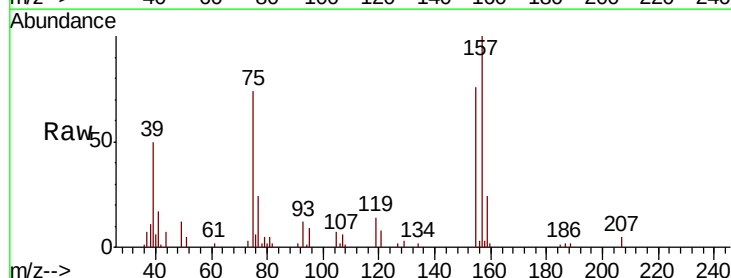
Instrument :
 MSVOA_N
 ClientSampled :
 VN0524WBS02

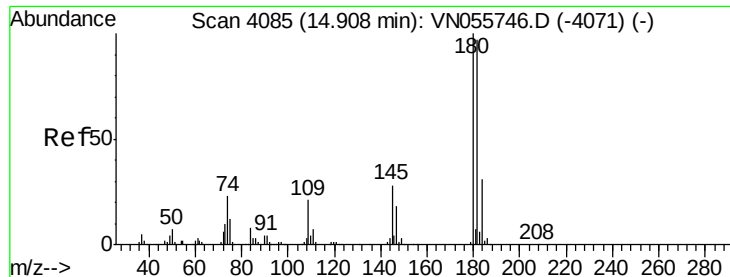
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.1	57.5
148	63.8	31.9	95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.211 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN055800.D
 Acq: 24 May 2019 16:58

Tgt Ion	Ratio	Lower	Upper
75	100		
155	101.3	50.0	150.1
157	134.4	64.8	194.3

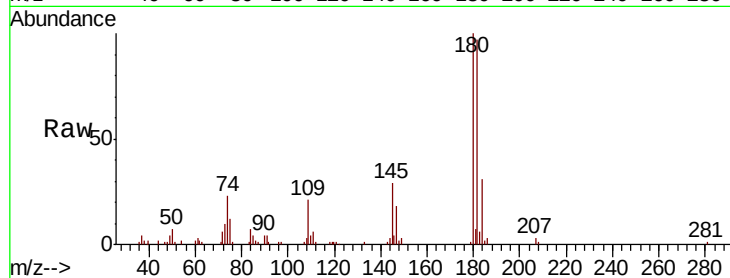




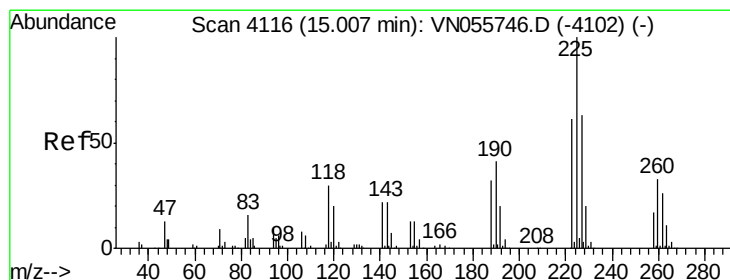
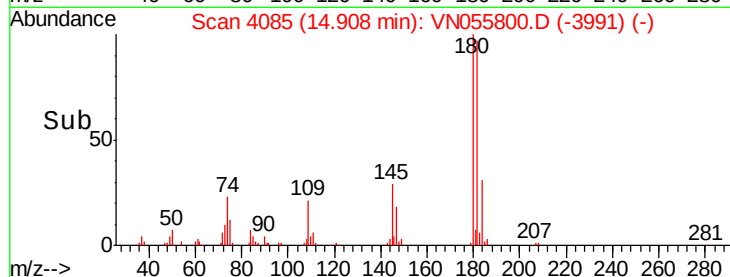
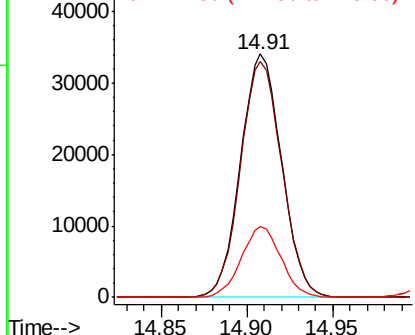
#93
 1,2,4-Trichlorobenzene
 Concen: 17.582 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN055800.D
 Acq: 24 May 2019 16:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0524WBS02

Tot Ion:180 Resp: 56584
 Ion Ratio Lower Upper
 180 100
 182 97.5 48.3 144.9
 145 28.1 14.0 41.9

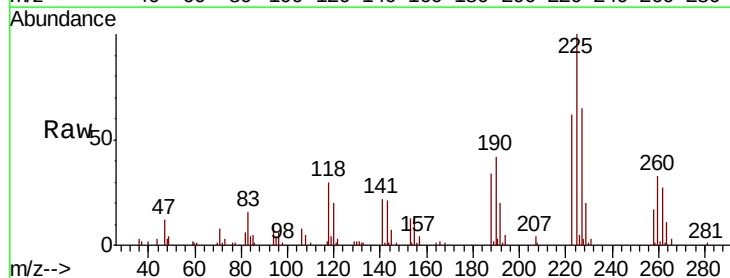


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

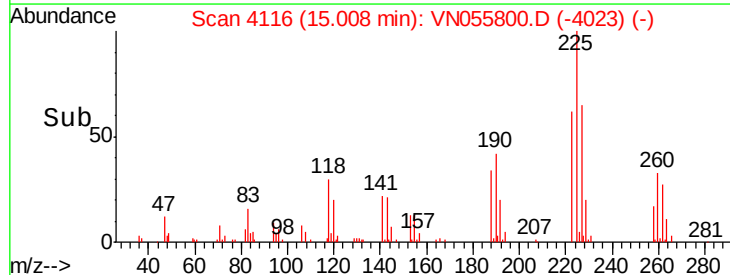
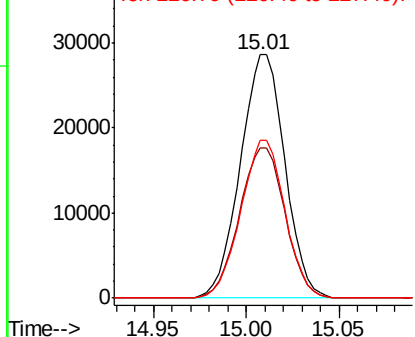


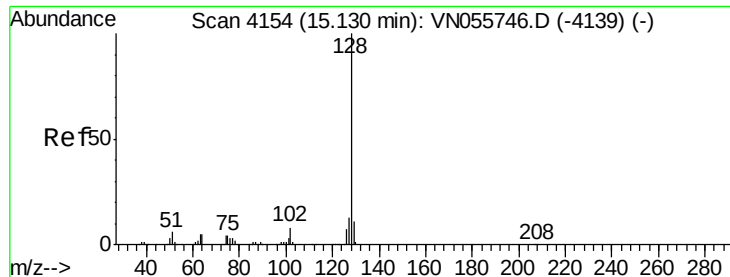
#94
 Hexachlorobutadiene
 Concen: 19.715 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN055800.D
 Acq: 24 May 2019 16:58

Tgt Ion:225 Resp: 47918
 Ion Ratio Lower Upper
 225 100
 223 63.4 30.9 92.7
 227 64.4 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: 17.725 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055800.D

Acq: 24 May 2019 16:58

Instrument :

MSVOA_N

ClientSampleId :

VN0524WBS02

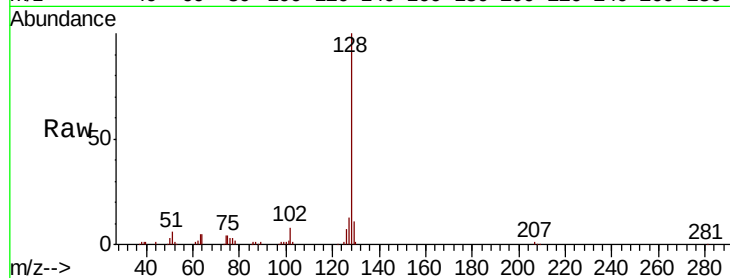
Tot Ion:128 Resp: 159058

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

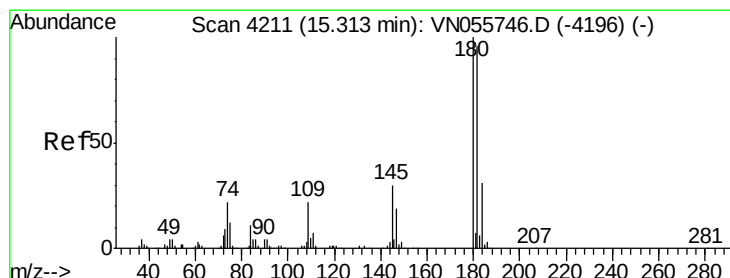
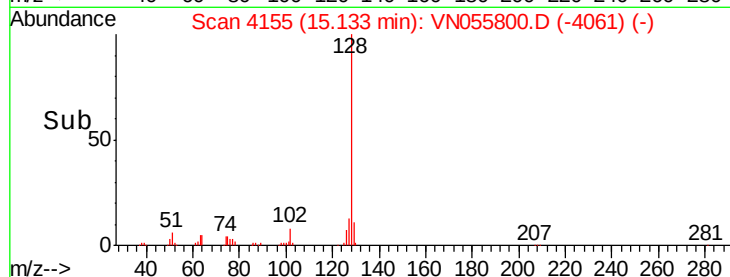
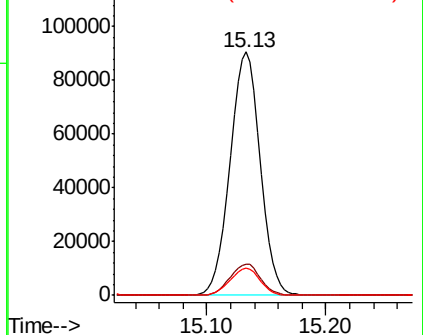
129 11.2 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.101 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN055800.D

Acq: 24 May 2019 16:58

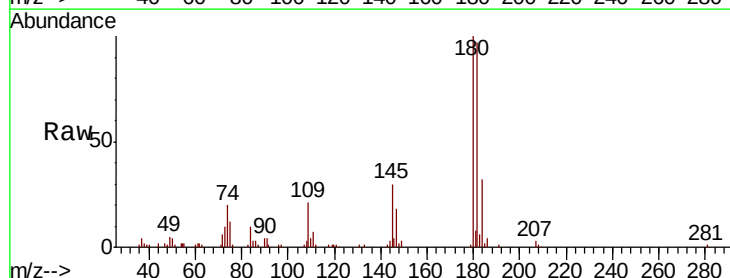
Tgt Ion:180 Resp: 62573

Ion Ratio Lower Upper

180 100

182 97.1 47.9 143.7

145 30.3 14.9 44.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

