

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052419\
 Data File : VN055829.D
 Acq On : 25 May 2019 5:54
 Operator : JC/SP
 Sample : K3037-07MS
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW2-R1-1MS

Quant Time: May 26 22:48:35 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	354662	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	516410	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	464323	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	214386	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	182394	49.80	ug/l	0.00
Spiked Amount			Recovery	=	99.60%	
35) Dibromofluoromethane	7.59	113	165934	50.82	ug/l	0.00
Spiked Amount			Recovery	=	101.64%	
50) Toluene-d8	10.09	98	621990	49.66	ug/l	0.00
Spiked Amount			Recovery	=	99.32%	
62) 4-Bromofluorobenzene	12.40	95	215089	50.09	ug/l	0.00
Spiked Amount			Recovery	=	100.18%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	110696	46.376	ug/l	100
3) Chloromethane	2.06	50	159278	47.627	ug/l	99
4) Vinyl Chloride	2.18	62	169101	47.407	ug/l	99
5) Bromomethane	2.55	94	113206	50.729	ug/l	100
6) Chloroethane	2.69	64	106639	49.655	ug/l	99
7) Trichlorofluoromethane	3.01	101	227055	48.553	ug/l	99
8) Diethyl Ether	3.40	74	100312	47.859	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.74	101	138212	47.346	ug/l	97
10) Methyl Iodide	3.94	142	216895	50.820	ug/l	99
11) Tert butyl alcohol	4.81	59	142343	203.401	ug/l	100
12) 1,1-Dichloroethene	3.72	96	144228	47.816	ug/l	98
13) Acrolein	3.60	56	93672	186.934	ug/l	96
14) Allyl chloride	4.32	41	222942	43.115	ug/l	99
15) Acrylonitrile	4.99	53	378878	235.774	ug/l	100
16) Acetone	3.82	43	309666	192.336	ug/l	100
17) Carbon Disulfide	4.04	76	368446	42.994	ug/l	100
18) Methyl Acetate	4.33	43	123721	37.482	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	483382	48.051	ug/l	98
20) Methylene Chloride	4.55	84	168204	48.240	ug/l	96
21) trans-1,2-Dichloroethene	5.03	96	155605	48.019	ug/l	97
22) Diisopropyl ether	5.96	45	482141	47.940	ug/l	97
23) Vinyl Acetate	5.90	43	1540084	178.606	ug/l	100
24) 1,1-Dichloroethane	5.84	63	278681	47.593	ug/l	99
25) 2-Butanone	6.84	43	483740	215.136	ug/l	99
26) 2,2-Dichloropropane	6.82	77	138203	27.271	ug/l	94
27) cis-1,2-Dichloroethene	6.82	96	198667	52.549	ug/l	94
28) Bromochloromethane	7.19	49	137040	49.155	ug/l	96
29) Tetrahydrofuran	7.22	42	327178	229.771	ug/l	99
30) Chloroform	7.37	83	285984	48.973	ug/l	100
31) Cyclohexane	7.65	56	253856	46.176	ug/l	94
32) 1,1,1-Trichloroethane	7.57	97	250700	48.109	ug/l	99
36) 1,1-Dichloropropene	7.79	75	208034	46.227	ug/l	99
37) Ethyl Acetate	6.93	43	164672	37.860	ug/l	99
38) Carbon Tetrachloride	7.77	117	221096	47.165	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	254442	45.658	ug/l	99
40) Benzene	8.04	78	663299	48.905	ug/l	100
41) Methacrylonitrile	7.17	41	90812	41.327	ug/l	90
42) 1,2-Dichloroethane	8.12	62	214335	48.362	ug/l	100
43) Isopropyl Acetate	8.17	43	293878	40.213	ug/l #	91
44) Trichloroethene	8.83	130	189399	50.090	ug/l	99
45) 1,2-Dichloropropane	9.12	63	173716	49.159	ug/l	100
46) Dibromomethane	9.21	93	114734	49.508	ug/l	98
47) Bromodichloromethane	9.40	83	224441	47.230	ug/l	99
48) Methyl methacrylate	9.20	41	164722	48.907	ug/l	99
49) 1,4-Dioxane	9.20	88	62400	891.539	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	1026846	237.910	ug/l	99
52) Toluene	10.16	92	425803	49.917	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	223971	44.154	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	251500	44.757	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	168205	49.222	ug/l	100
56) Ethyl methacrylate	10.43	69	258594	48.964	ug/l	100
57) 1,3-Dichloropropane	10.71	76	271016	48.790	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.73	63	584	0.289	ug/l #	46
59) 2-Hexanone	10.75	43	702546	229.449	ug/l	100
60) Dibromochloromethane	10.90	129	193381	48.577	ug/l	99
61) 1,2-Dibromoethane	11.00	107	173158	48.852	ug/l	97
64) Tetrachloroethene	10.63	164	186381	47.592	ug/l	98
65) Chlorobenzene	11.43	112	458633	49.341	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	176459	47.598	ug/l	100
67) Ethyl Benzene	11.51	91	796981	47.812	ug/l	98
68) m/p-Xylenes	11.62	106	614965	97.587	ug/l	99
69) o-Xylene	11.95	106	304947	48.775	ug/l	100
70) Styrene	11.96	104	499215	49.306	ug/l	99
71) Bromoform	12.13	173	149436	47.258	ug/l #	100
73) Isopropylbenzene	12.25	105	796882	52.381	ug/l	100
74) N-amyl acetate	12.07	43	224049	38.049	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	236732	52.585	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	272977	75.557	ug/l #	100
77) Bromobenzene	12.53	156	218764	47.819	ug/l	95
78) n-propylbenzene	12.59	91	842493	45.215	ug/l	99
79) 2-Chlorotoluene	12.67	91	518010	51.699	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	656123	51.174	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	57160	35.873	ug/l	98
82) 4-Chlorotoluene	12.77	91	507631	46.347	ug/l	100
83) tert-Butylbenzene	12.99	119	583411	52.746	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	651025	50.839	ug/l	99
85) sec-Butylbenzene	13.17	105	739805	51.324	ug/l	99
86) p-Isopropyltoluene	13.29	119	676434	45.434	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	347303	47.944	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	335033	48.647	ug/l	99
89) n-Butylbenzene	13.61	91	505153	44.283	ug/l	100
90) Hexachloroethane	13.87	117	122344	43.173	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	349325	48.335	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	40029	42.139	ug/l	95

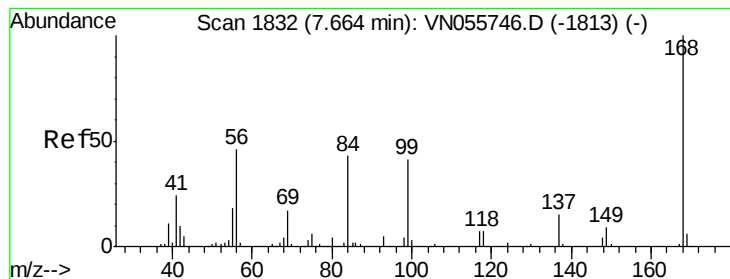
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	178709	43.489	ug/l	99
94) Hexachlorobutadiene	15.01	225	124875	49.062	ug/l	98
95) Naphthalene	15.13	128	470850	47.478	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	186889	48.919	ug/l	100

(#) = 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: VN055829.D

Acq: 25 May 2019 5:54

Instrument :

MSVOA_N

ClientSampleId :

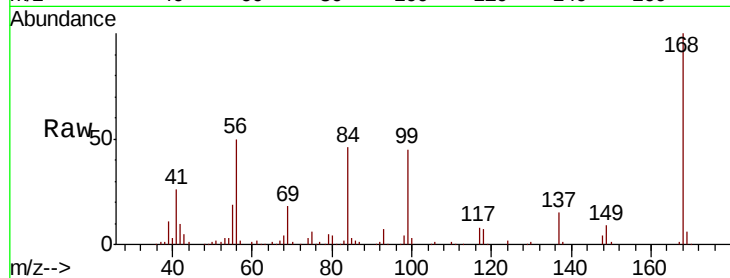
MW2-R1-1MS

Tot Ion:168 Resp: 354662

Ion Ratio Lower Upper

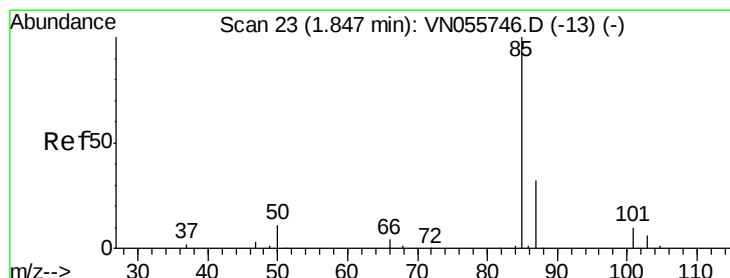
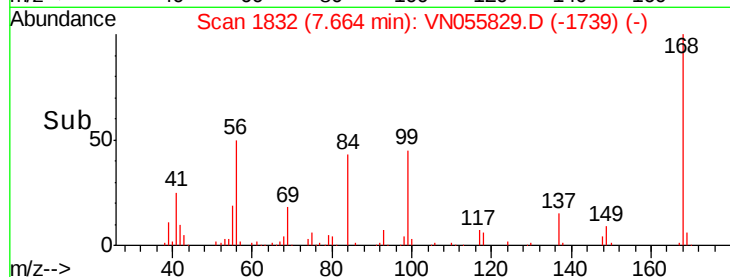
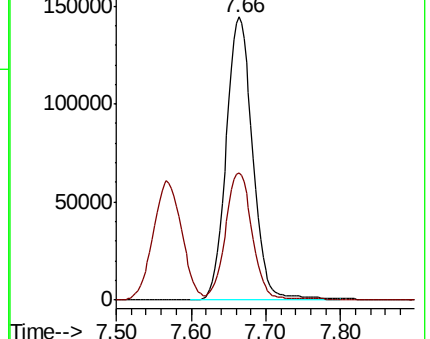
168 100

99 44.6 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 46.376 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN055829.D

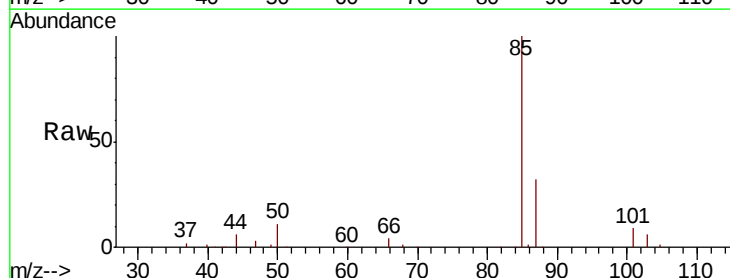
Acq: 25 May 2019 5:54

Tgt Ion: 85 Resp: 110696

Ion Ratio Lower Upper

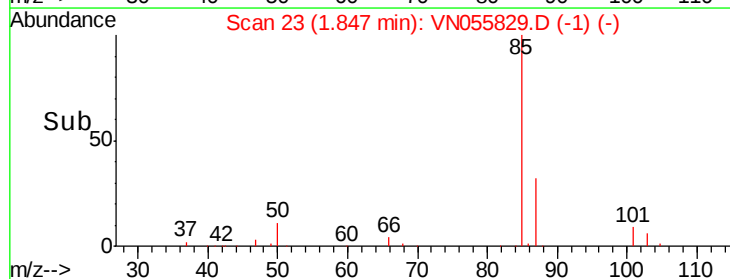
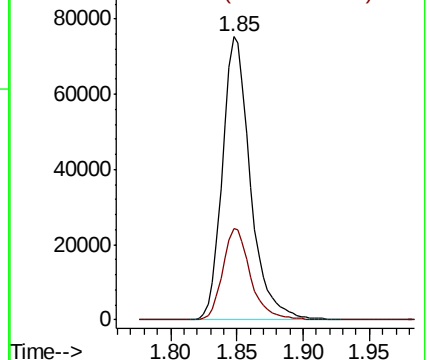
85 100

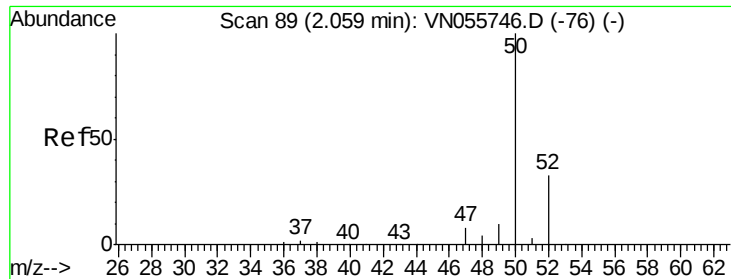
87 32.1 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

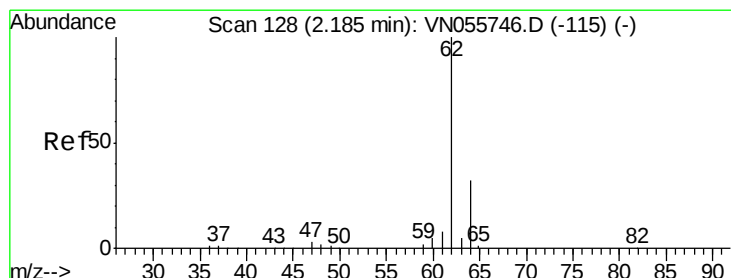
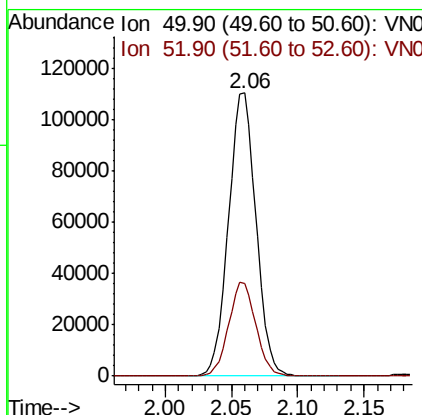
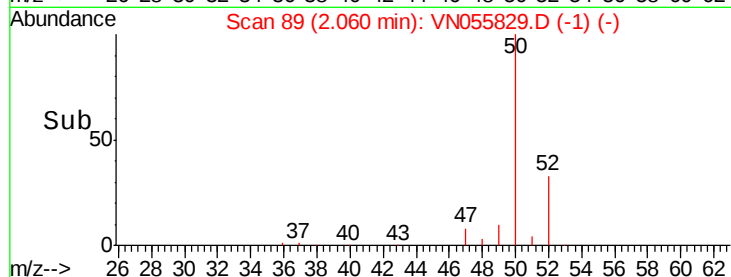
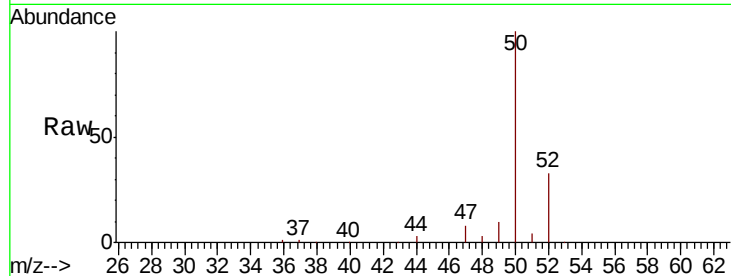




#3
 Chloromethane
 Concen: 47.627 ug/l
 RT: 2.06 min Scan# 89
 Delta R.T. 0.00 min
 Lab File: VN055829.D
 Acq: 25 May 2019 5:54

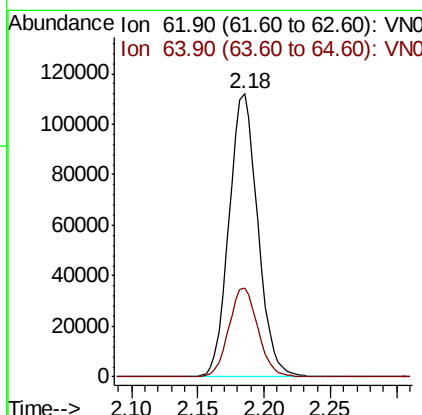
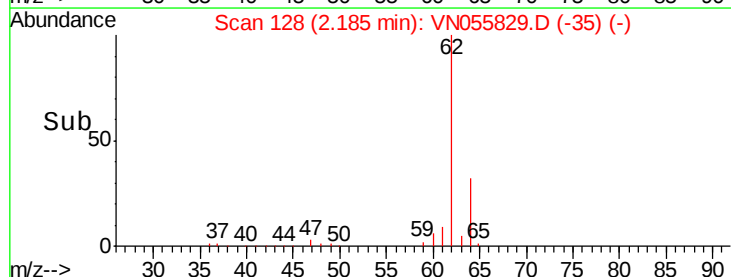
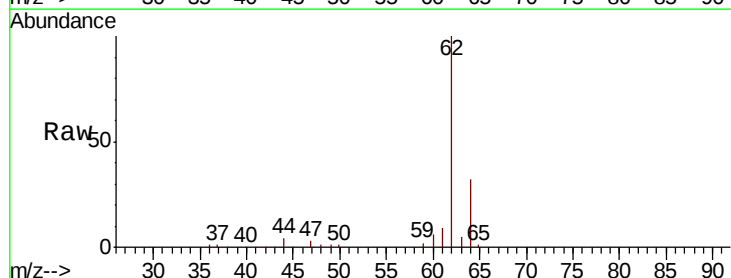
Instrument :
 MSVOA_N
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 MW2-R1-1MS

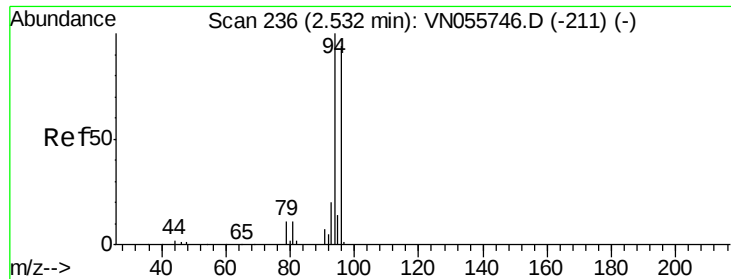
Tot Ion: 50 Resp: 159278
 Ion Ratio Lower Upper
 50 100
 52 32.9 26.6 40.0



#4
 Vinyl Chloride
 Concen: 47.407 ug/l
 RT: 2.18 min Scan# 128
 Delta R.T. 0.00 min
 Lab File: VN055829.D
 Acq: 25 May 2019 5:54

Tgt Ion: 62 Resp: 169101
 Ion Ratio Lower Upper
 62 100
 64 31.6 25.6 38.4





#5

Bromomethane

Concen: 50.729 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.01 min

Lab File: VN055829.D

Acq: 25 May 2019 5:54

Instrument :

MSVOA_N

ClientSampleId :

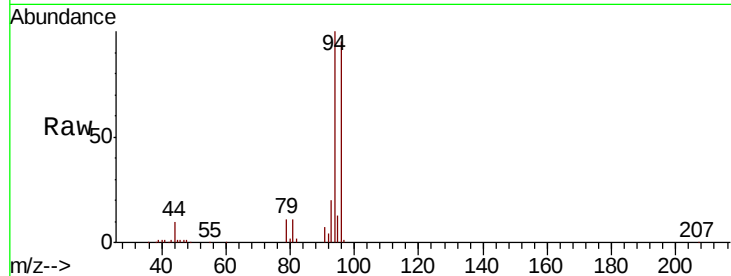
MW2-R1-1MS

Tot Ion: 94 Resp: 113206

Ion Ratio Lower Upper

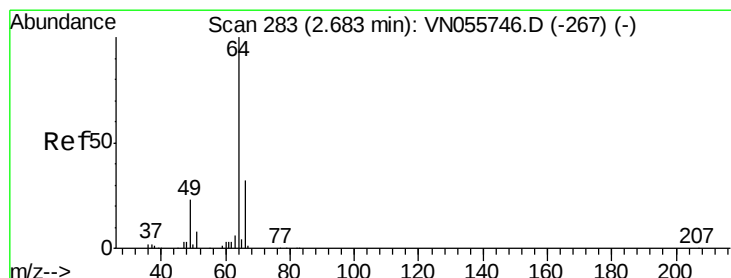
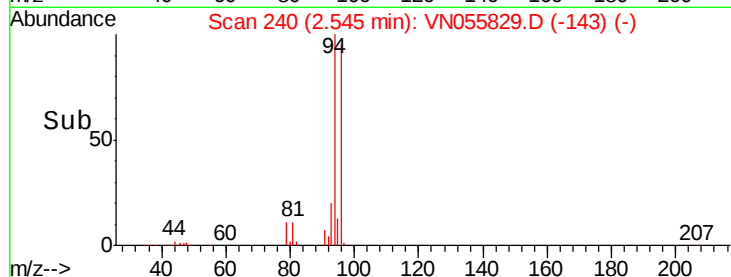
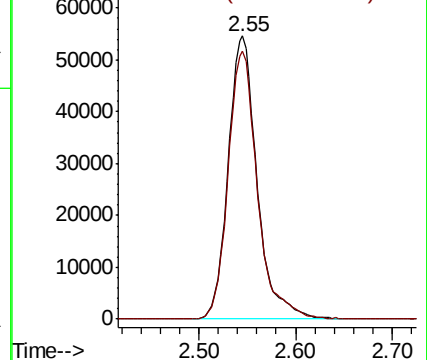
94 100

96 94.6 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 49.655 ug/l

RT: 2.69 min Scan# 286

Delta R.T. 0.01 min

Lab File: VN055829.D

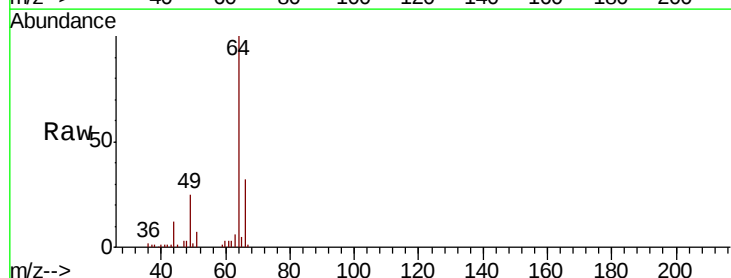
Acq: 25 May 2019 5:54

Tgt Ion: 64 Resp: 106639

Ion Ratio Lower Upper

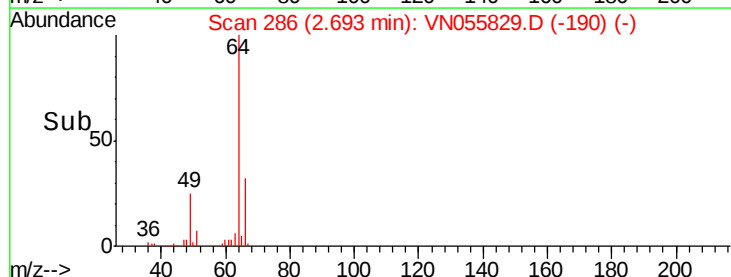
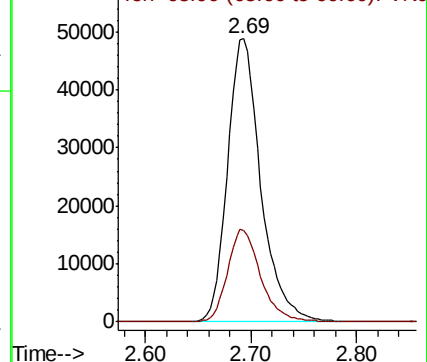
64 100

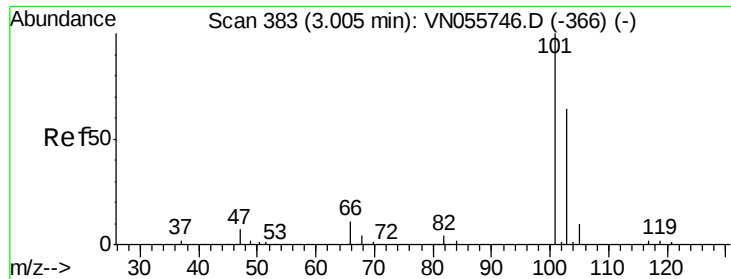
66 32.4 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



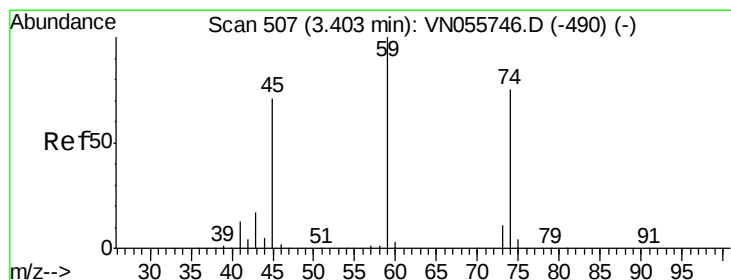
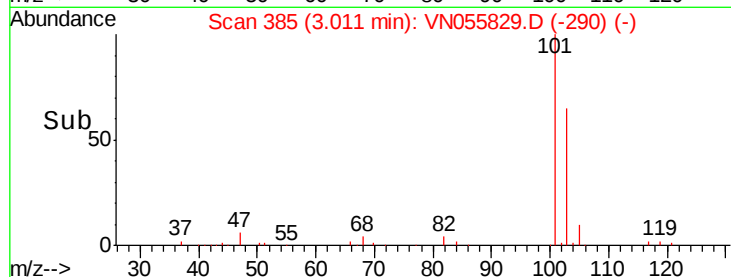
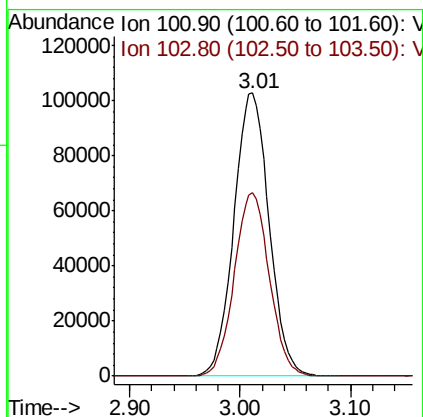
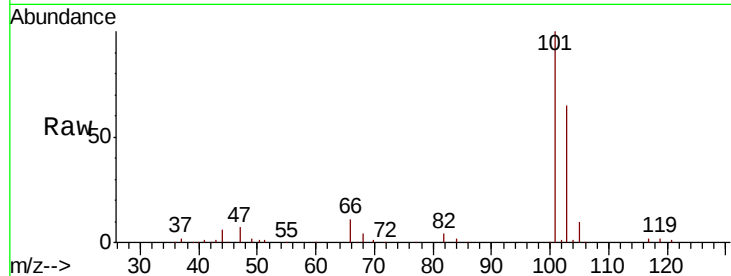


#7

Trichlorofluoromethane
 Concen: 48.553 ug/l
 RT: 3.01 min Scan# 385
 Delta R.T. 0.01 min
 Lab File: VN055829.D
 Acq: 25 May 2019 5:54

Instrument :
 MSVOA_N
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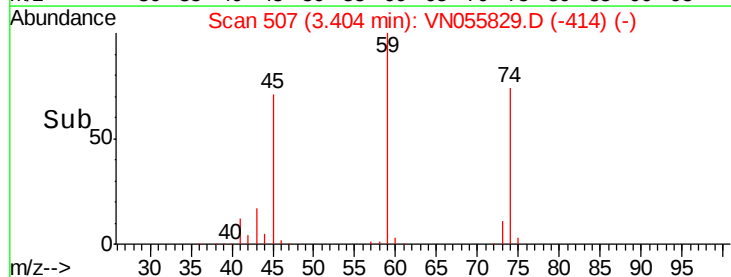
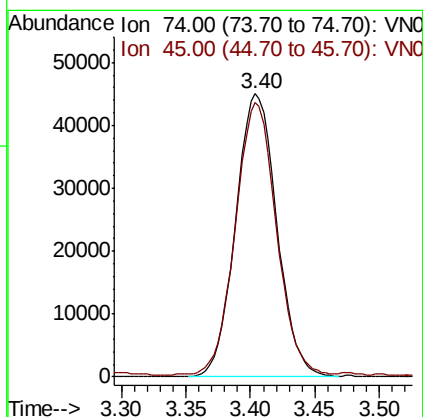
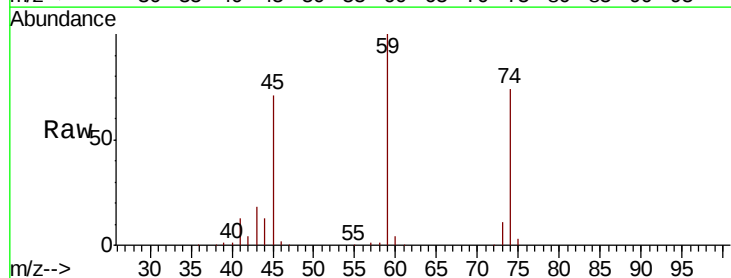
Tot Ion:101 Resp: 227055
 Ion Ratio Lower Upper
 101 100
 103 64.8 51.2 76.8

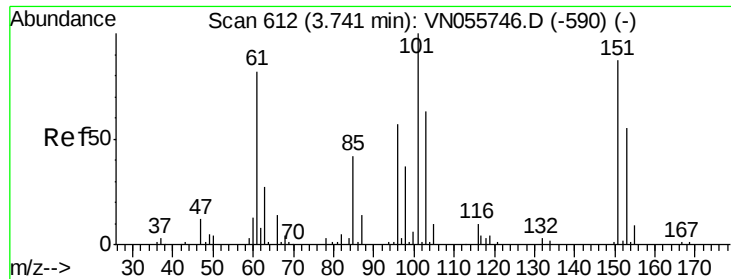


#8

Diethyl Ether
 Concen: 47.859 ug/l
 RT: 3.40 min Scan# 507
 Delta R.T. 0.00 min
 Lab File: VN055829.D
 Acq: 25 May 2019 5:54

Tgt Ion: 74 Resp: 100312
 Ion Ratio Lower Upper
 74 100
 45 94.5 48.6 145.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.346 ug/l

RT: 3.74 min Scan# 613

Delta R.T. 0.00 min

Lab File: VN055829.D

Acq: 25 May 2019 5:54

Instrument :

MSVOA_N

ClientSampleId :

MW2-R1-1MS

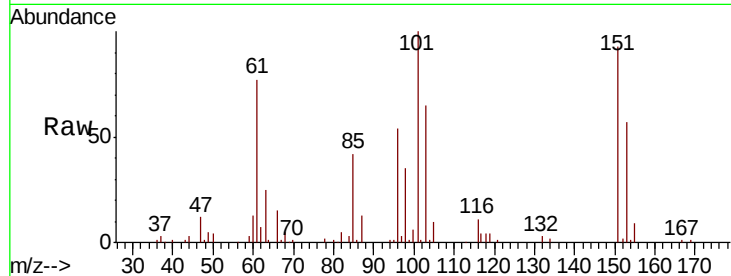
Tot Ion:101 Resp: 138212

Ion Ratio Lower Upper

101 100

85 41.8 33.4 50.2

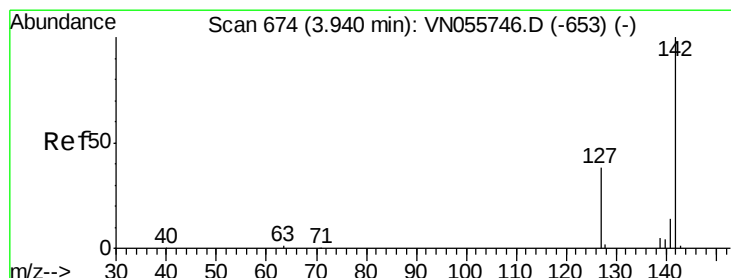
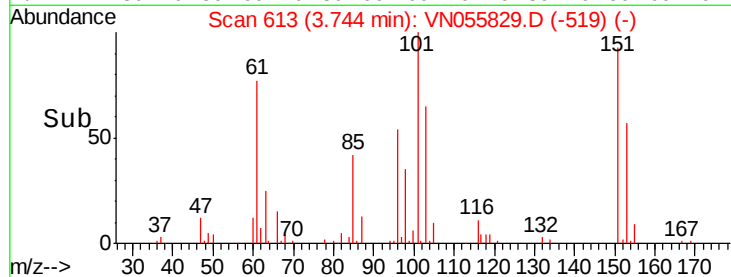
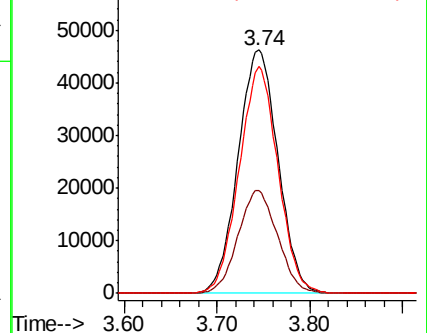
151 90.5 69.4 104.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.820 ug/l

RT: 3.94 min Scan# 674

Delta R.T. 0.00 min

Lab File: VN055829.D

Acq: 25 May 2019 5:54

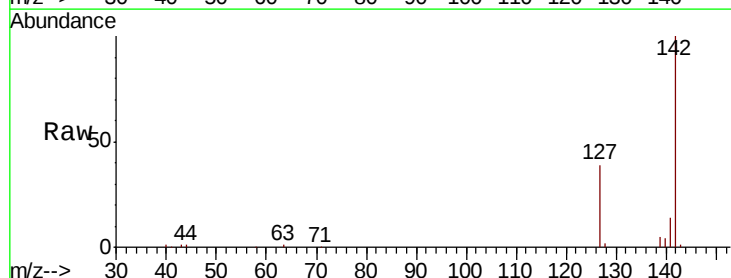
Tgt Ion:142 Resp: 216895

Ion Ratio Lower Upper

142 100

127 38.3 31.0 46.4

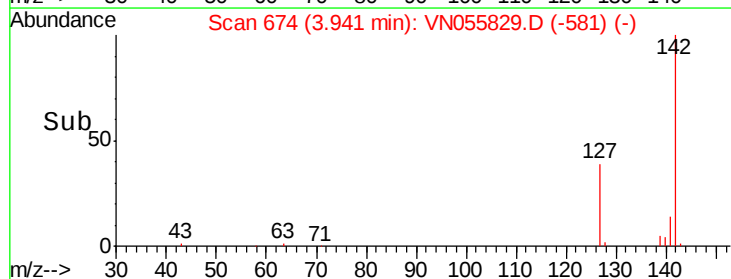
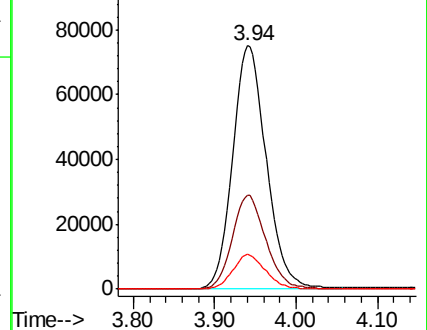
141 13.9 11.4 17.0

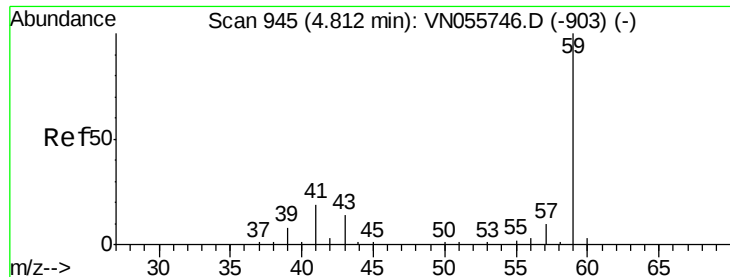


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

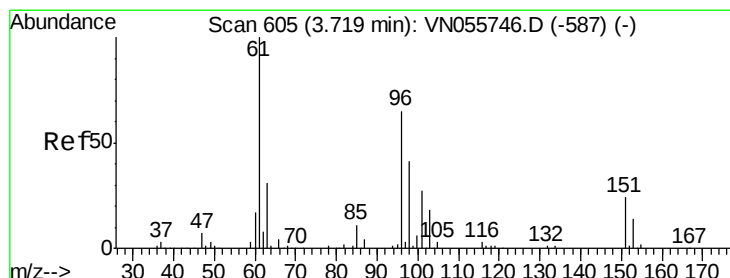
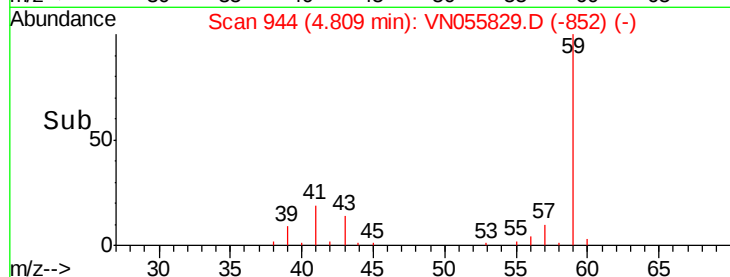
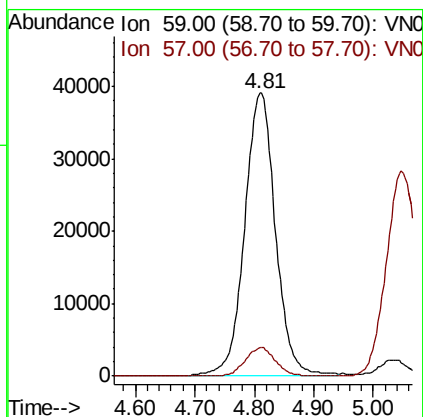
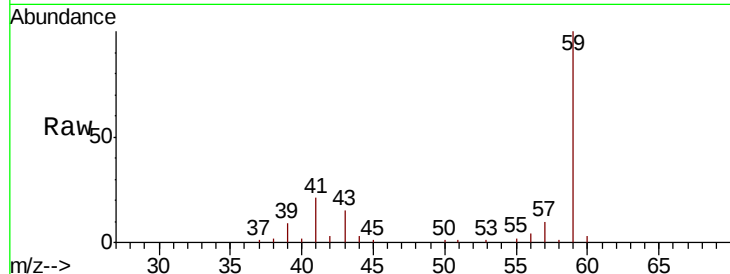




#11
Tert butyl alcohol
Concen: 203.401 ug/l
RT: 4.81 min Scan# 944
Delta R.T. -0.00 min
Lab File: VN055829.D
Acq: 25 May 2019 5:54

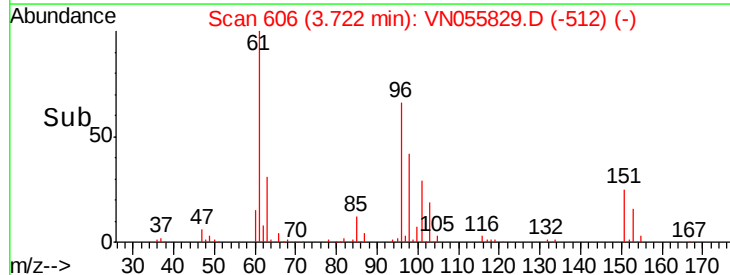
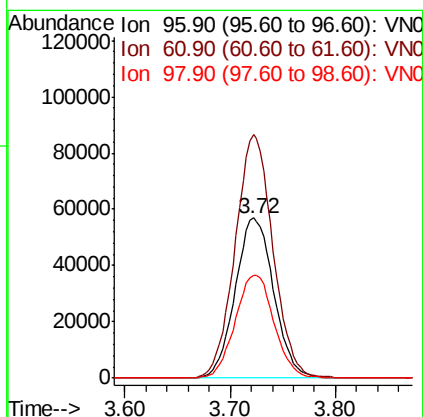
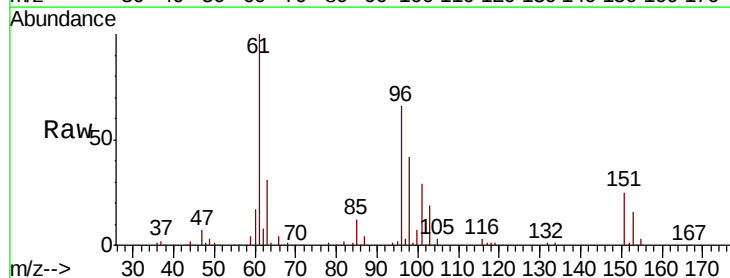
Instrument :
MSVOA_N
ClientSampleId :
MW2-R1-1MS

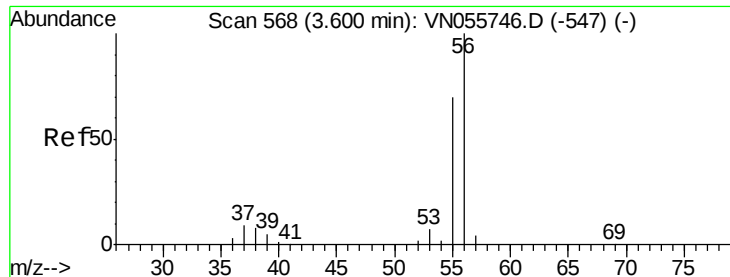
Tot Ion: 59 Resp: 142343
Ion Ratio Lower Upper
59 100
57 9.8 7.8 11.6



#12
1,1-Dichloroethene
Concen: 47.816 ug/l
RT: 3.72 min Scan# 606
Delta R.T. 0.00 min
Lab File: VN055829.D
Acq: 25 May 2019 5:54

Tgt Ion: 96 Resp: 144228
Ion Ratio Lower Upper
96 100
61 152.3 123.2 184.8
98 64.6 50.4 75.6





#13

Acrolein

Concen: 186.934 ug/l

RT: 3.60 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN055829.D

Acq: 25 May 2019 5:54

Instrument :

MSVOA_N

ClientSampleId :

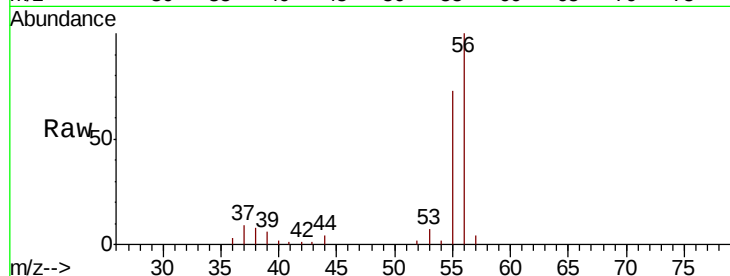
MW2-R1-1MS

Tot Ion: 56 Resp: 93672

Ion Ratio Lower Upper

56 100

55 72.9 55.4 83.2



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.60

40000

30000

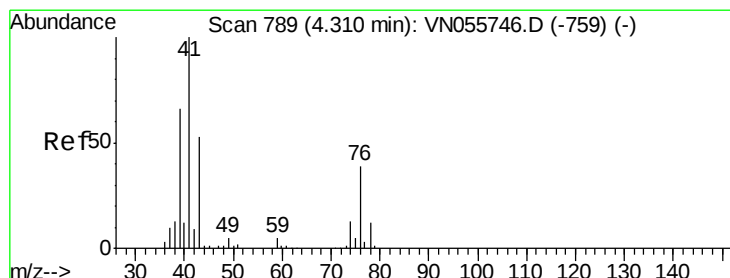
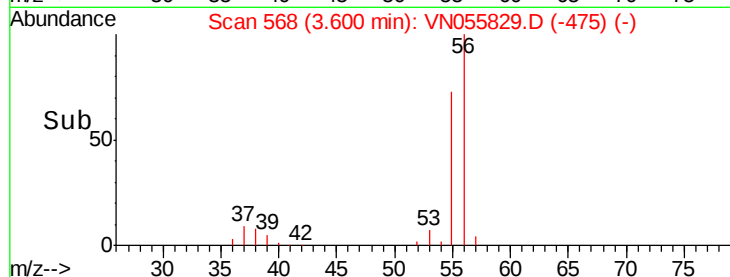
20000

10000

0

Time-->

3.50 3.60 3.70



#14

Allyl chloride

Concen: 43.115 ug/l

RT: 4.32 min Scan# 791

Delta R.T. 0.01 min

Lab File: VN055829.D

Acq: 25 May 2019 5:54

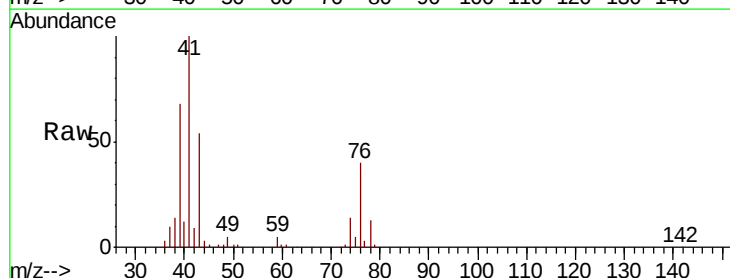
Tgt Ion: 41 Resp: 222942

Ion Ratio Lower Upper

41 100

39 63.7 50.0 75.0

76 35.4 28.2 42.2



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

4.32

80000

60000

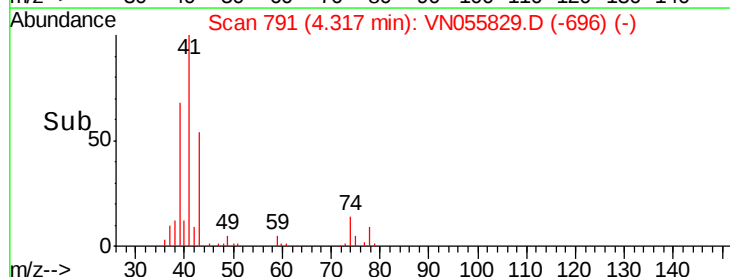
40000

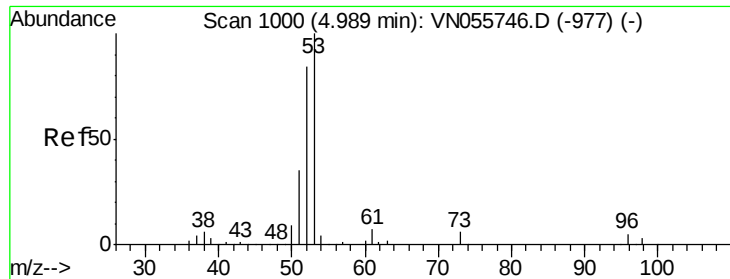
20000

0

Time-->

4.20 4.30 4.40





#15

Acrylonitrile

Concen: 235.774 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN055829.D

Acq: 25 May 2019 5:54

Instrument :

MSVOA_N

ClientSampleId :

MW2-R1-1MS

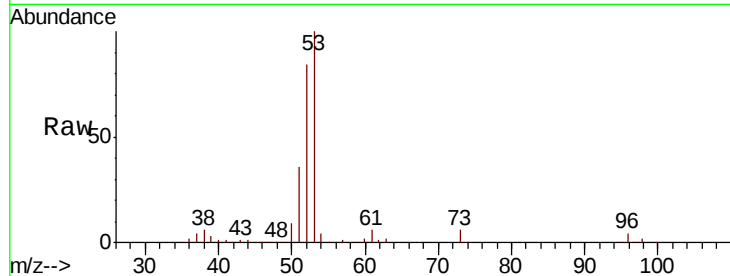
Tot Ion: 53 Resp: 378878

Ion Ratio Lower Upper

53 100

52 82.4 65.8 98.8

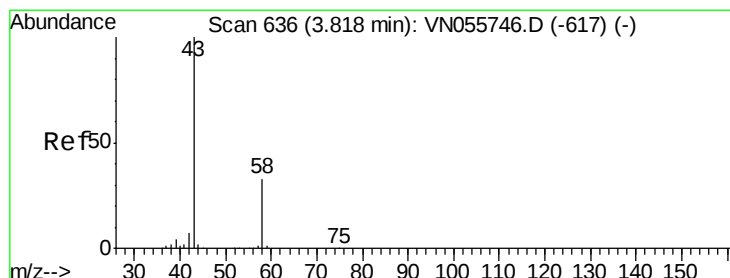
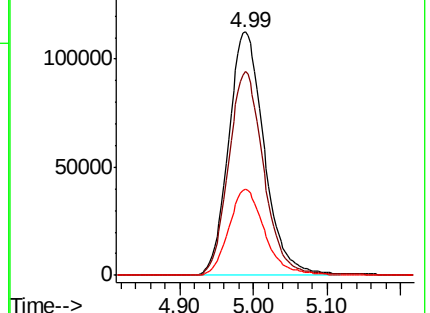
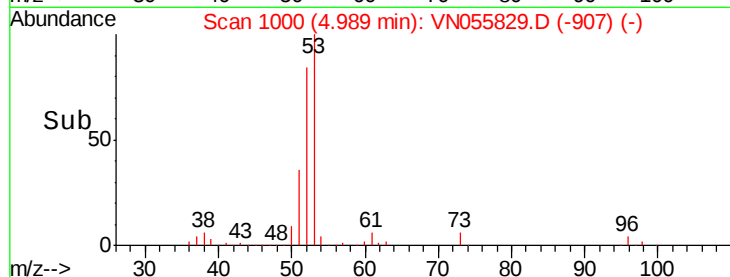
51 35.6 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VN055829.D (-543) (-)

Ion 52.00 (51.70 to 52.70): VN055829.D (-543) (-)

Ion 51.00 (50.70 to 51.70): VN055829.D (-543) (-)



#16

Acetone

Concen: 192.336 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN055829.D

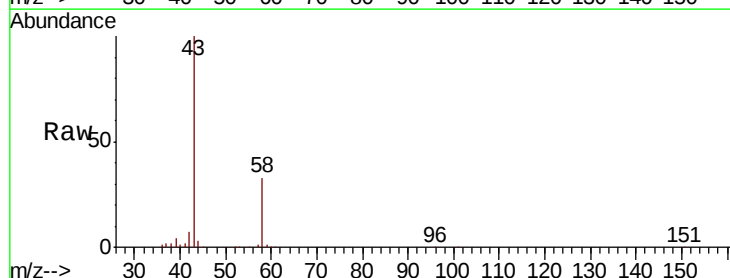
Acq: 25 May 2019 5:54

Tgt Ion: 43 Resp: 309666

Ion Ratio Lower Upper

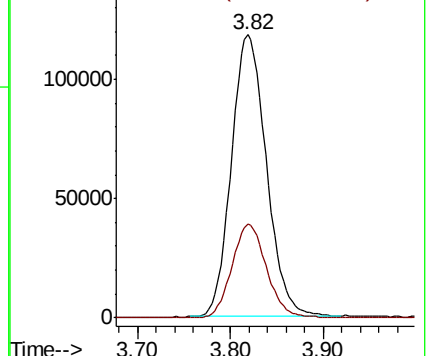
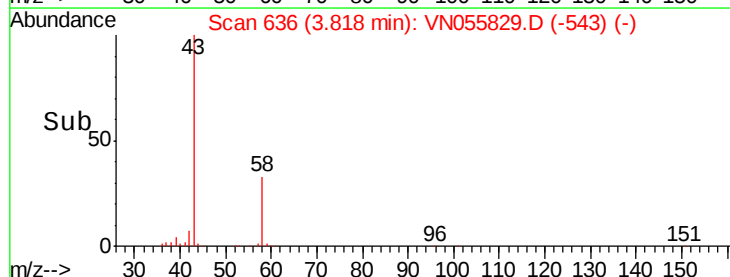
43 100

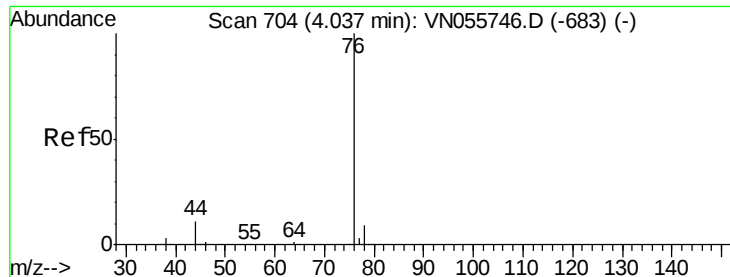
58 33.3 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN055829.D (-543) (-)

Ion 58.00 (57.70 to 58.70): VN055829.D (-543) (-)

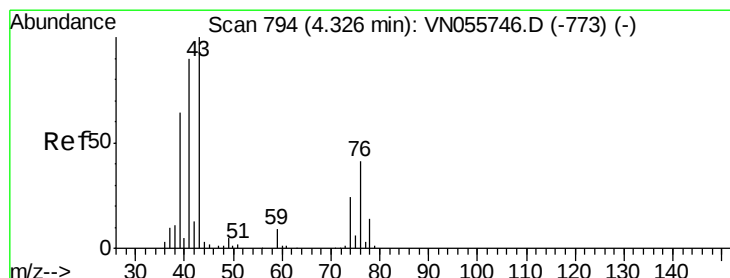
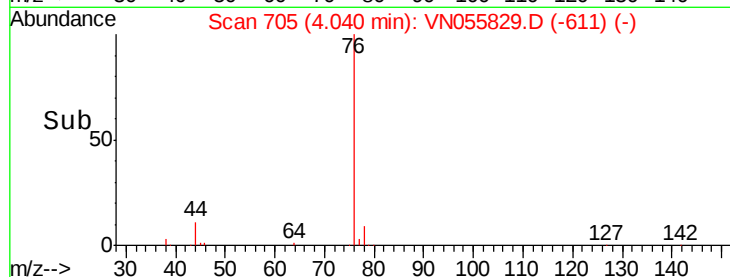
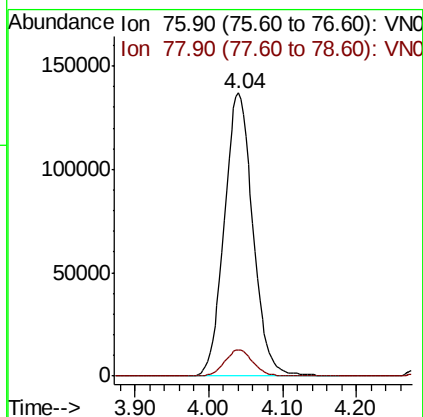
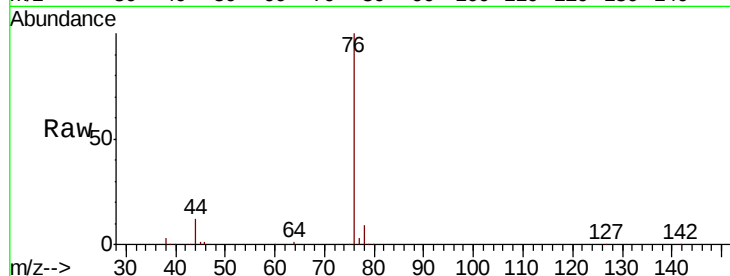




#17
Carbon Disulfide
Concen: 42.994 ug/l
RT: 4.04 min Scan# 705
Delta R.T. 0.00 min
Lab File: VN055829.D
Acq: 25 May 2019 5:54

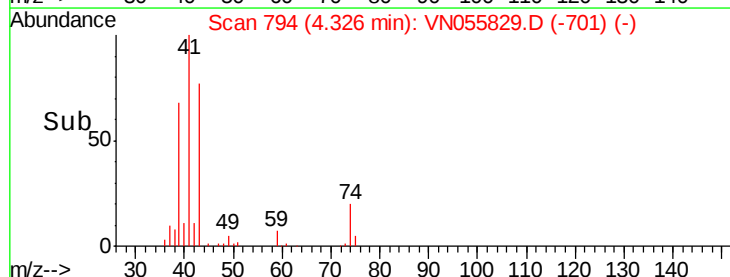
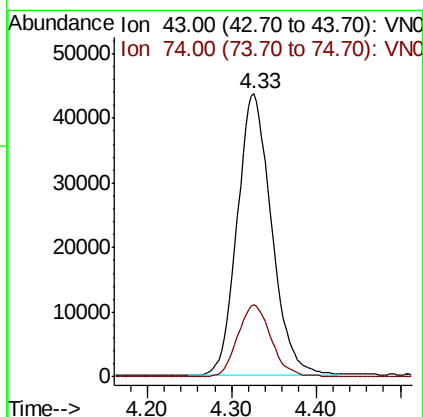
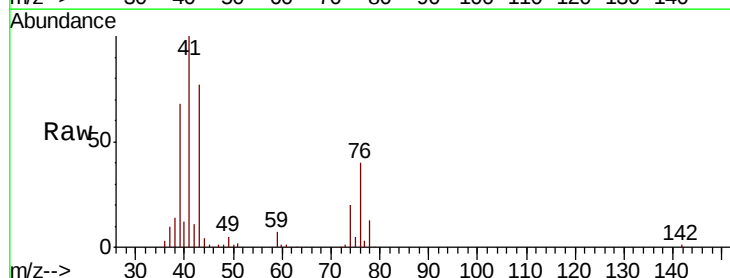
Instrument :
MSVOA_N
ClientSampleId :
MW2-R1-1MS

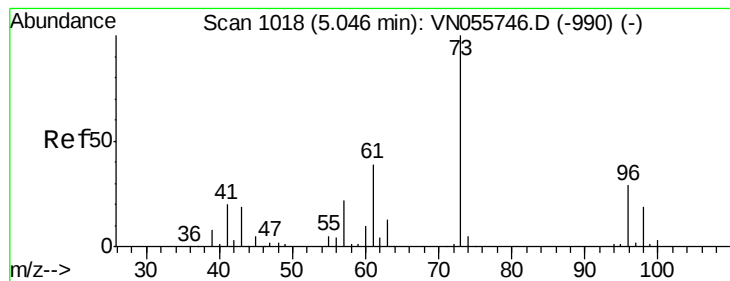
Tot Ion: 76 Resp: 368446
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2



#18
Methyl Acetate
Concen: 37.482 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN055829.D
Acq: 25 May 2019 5:54

Tgt Ion: 43 Resp: 123721
Ion Ratio Lower Upper
43 100
74 25.0 19.3 28.9



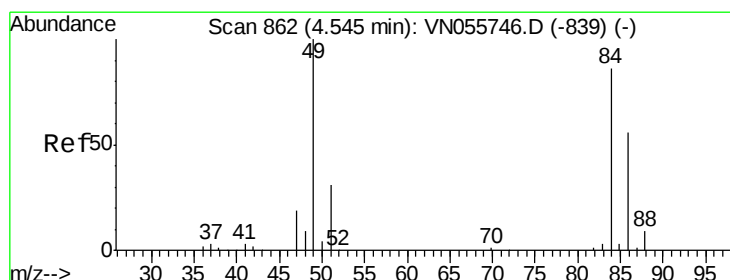
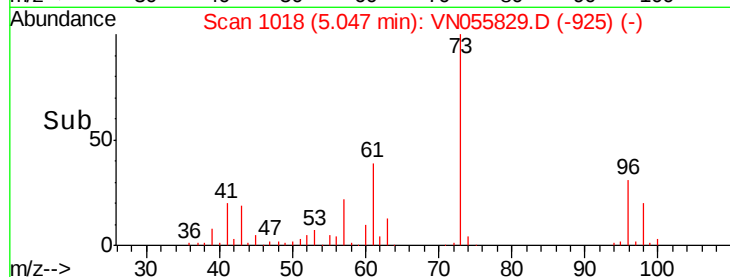
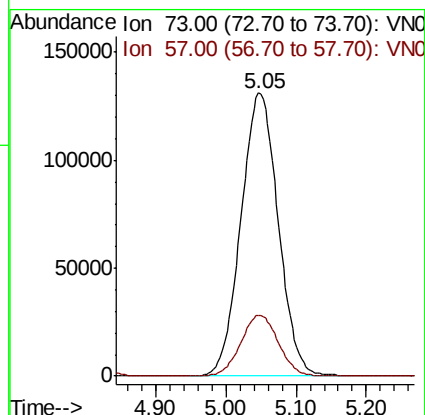
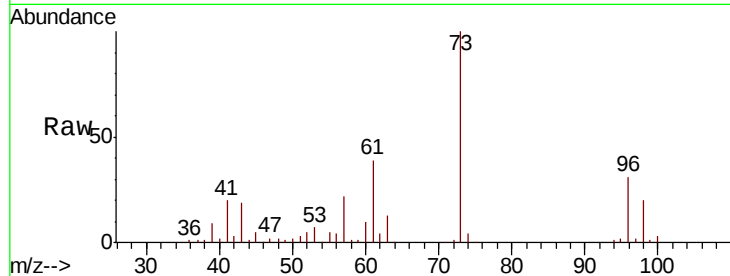


#19

Methyl tert-butyl Ether
 Concen: 48.051 ug/l
 RT: 5.05 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VN055829.D
 Acq: 25 May 2019 5:54

Instrument :
 MSVOA_N
 ClientSampled :
 MW2-R1-1MS

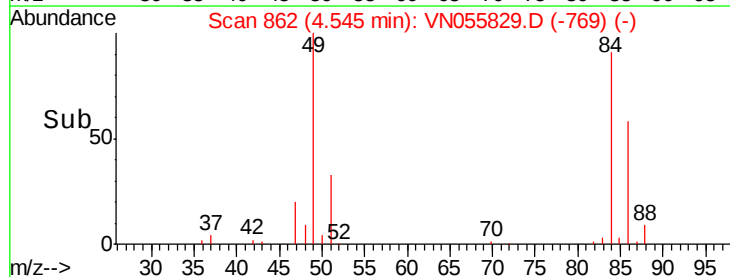
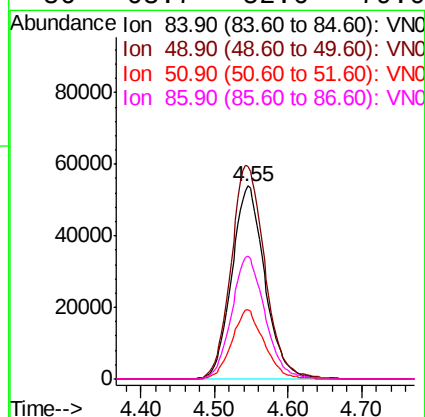
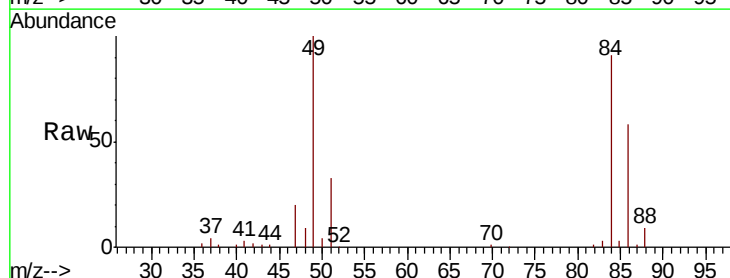
Tot Ion: 73 Resp: 483382
 Ion Ratio Lower Upper
 73 100
 57 21.6 17.8 26.8

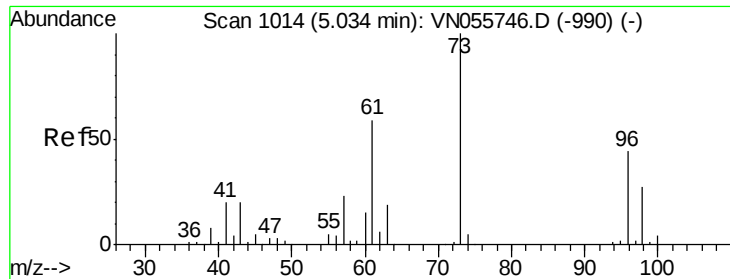


#20

Methylene Chloride
 Concen: 48.240 ug/l
 RT: 4.55 min Scan# 862
 Delta R.T. 0.00 min
 Lab File: VN055829.D
 Acq: 25 May 2019 5:54

Tgt Ion: 84 Resp: 168204
 Ion Ratio Lower Upper
 84 100
 49 110.1 93.5 140.3
 51 36.1 28.6 43.0
 86 63.7 52.6 79.0

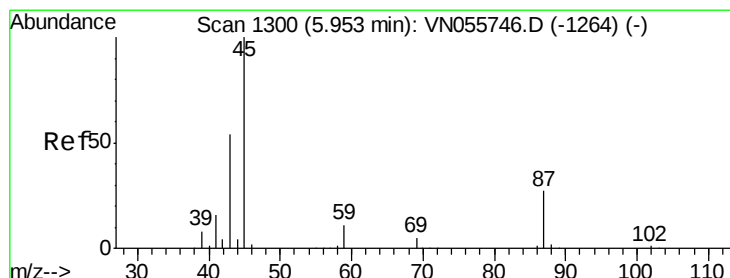
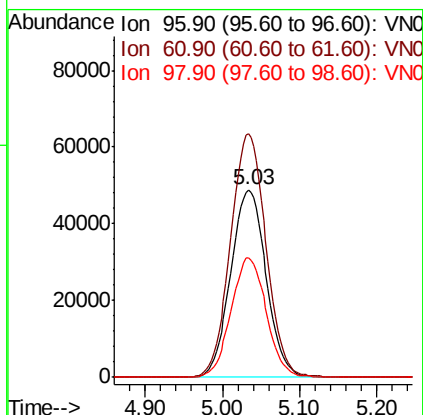
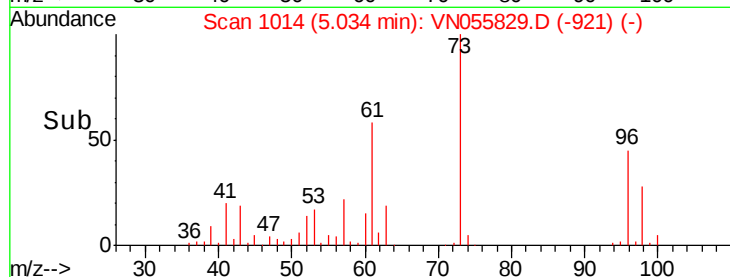
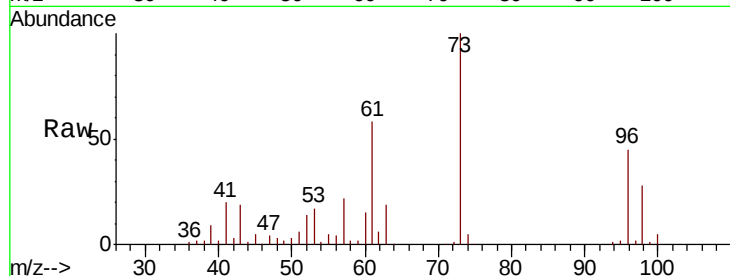




#21
trans-1,2-Dichloroethene
Concen: 48.019 ug/l
RT: 5.03 min Scan# 1014
Delta R.T. 0.00 min
Lab File: VN055829.D
Acq: 25 May 2019 5:54

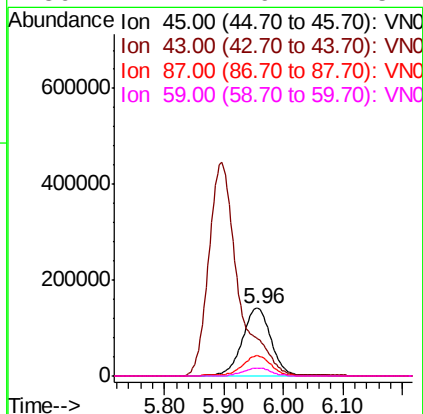
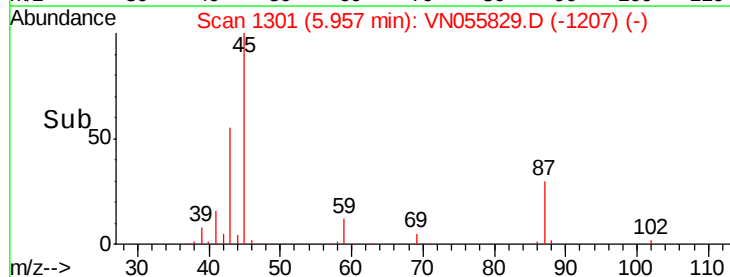
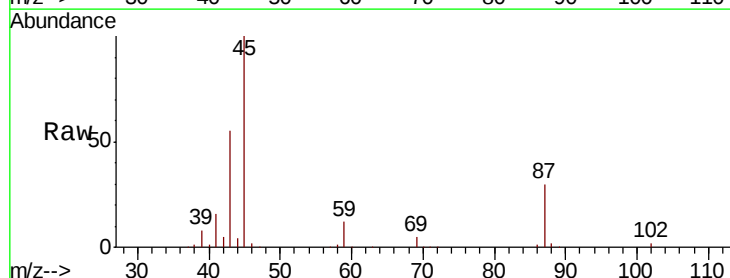
Instrument :
MSVOA_N
ClientSampleId :
MW2-R1-1MS

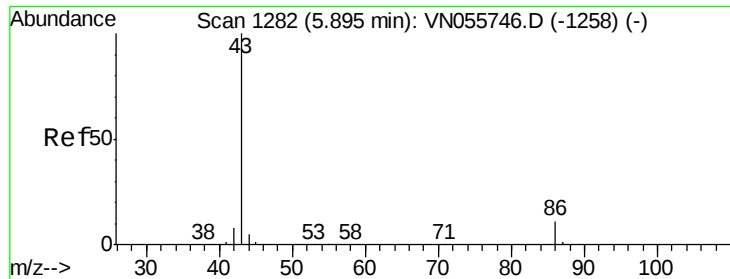
Tot Ion: 96 Resp: 155605
Ion Ratio Lower Upper
96 100
61 130.0 107.8 161.8
98 63.5 49.8 74.8



#22
Diisopropyl ether
Concen: 47.940 ug/l
RT: 5.96 min Scan# 1301
Delta R.T. 0.00 min
Lab File: VN055829.D
Acq: 25 May 2019 5:54

Tgt Ion: 45 Resp: 482141
Ion Ratio Lower Upper
45 100
43 54.0 45.0 67.6
87 29.5 22.2 33.4
59 11.7 9.1 13.7

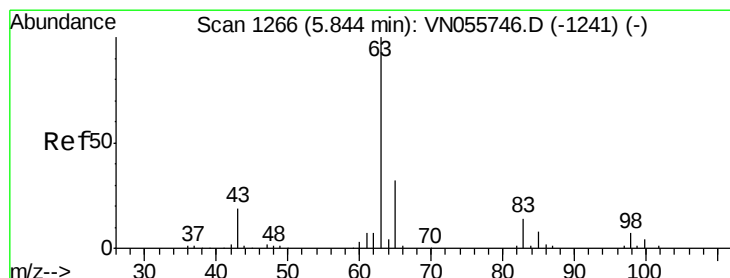
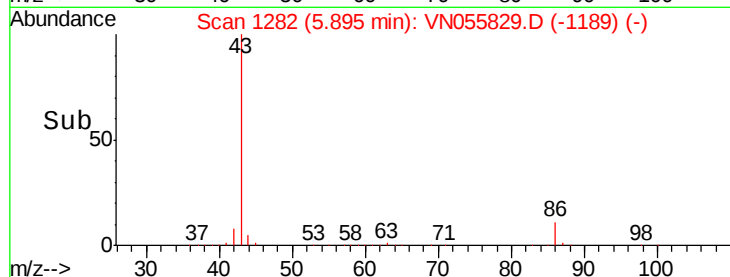
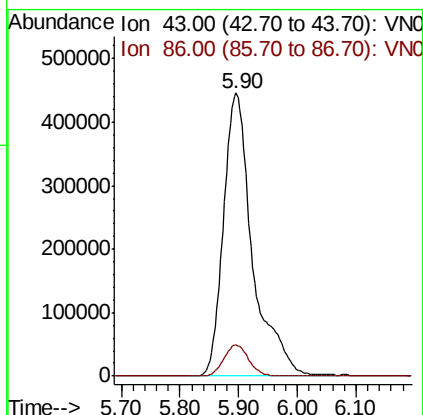
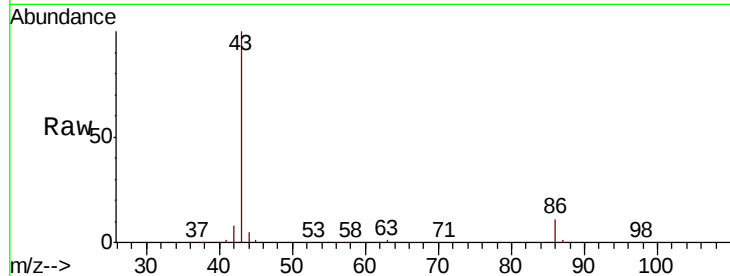




#23
 Vinyl Acetate
 Concen: 178.606 ug/l
 RT: 5.90 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: VN055829.D
 Acq: 25 May 2019 5:54

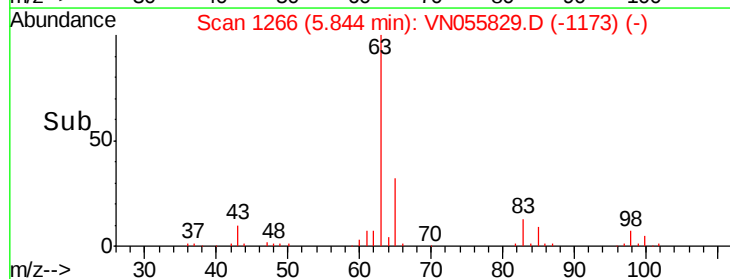
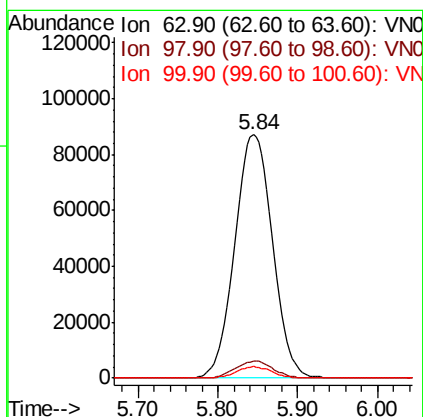
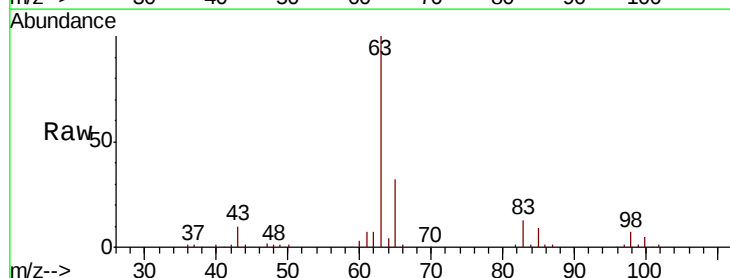
Instrument :
 MSVOA_N
 ClientSampleId :
 MW2-R1-1MS

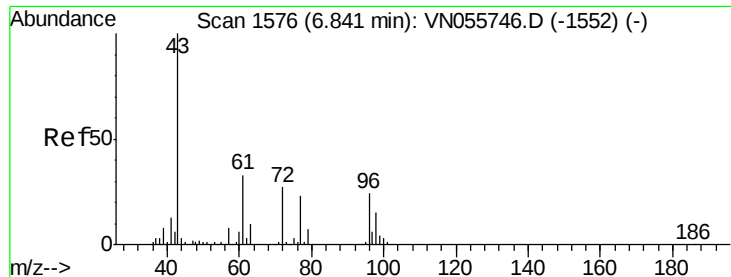
Tot Ion: 43 Resp: 1540084
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 47.593 ug/l
 RT: 5.84 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: VN055829.D
 Acq: 25 May 2019 5:54

Tgt Ion: 63 Resp: 278681
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.4 10.1
 100 4.7 2.2 6.6

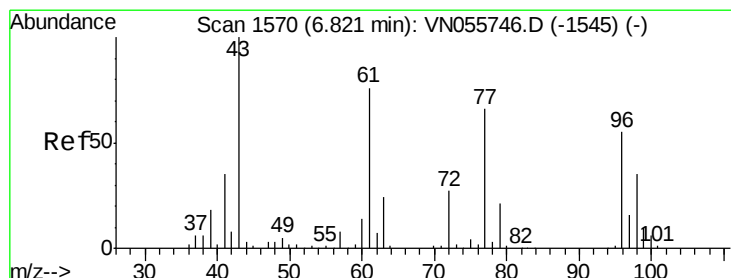
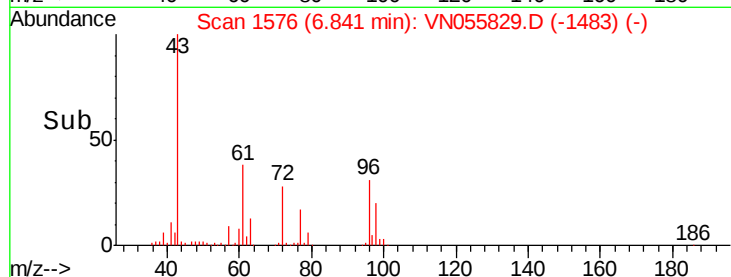
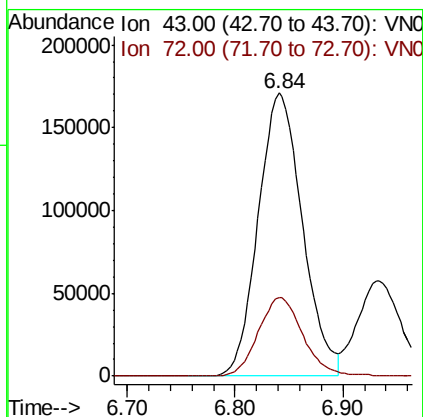
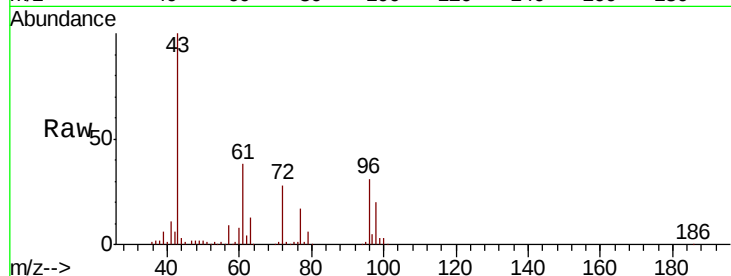




#25
2-Butanone
Concen: 215.136 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VN055829.D
Acq: 25 May 2019 5:54

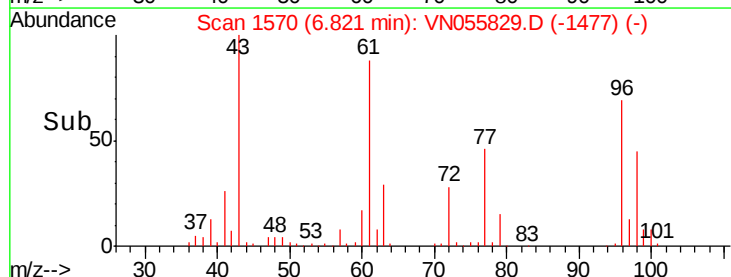
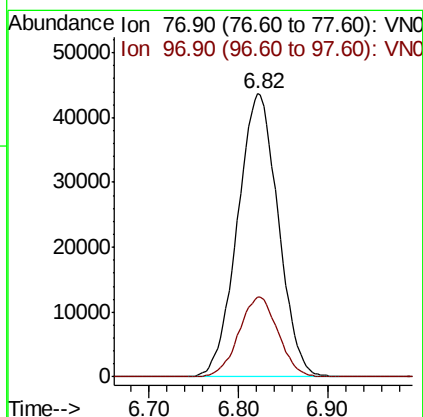
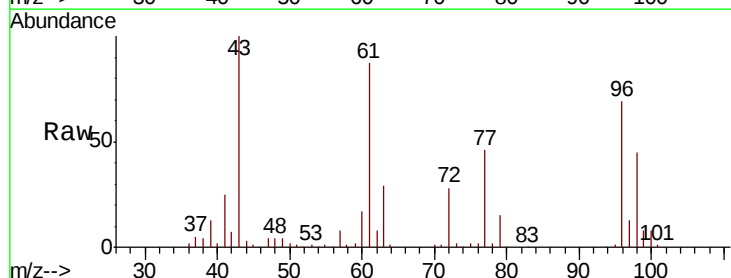
Instrument :
MSVOA_N
ClientSampleId :
MW2-R1-1MS

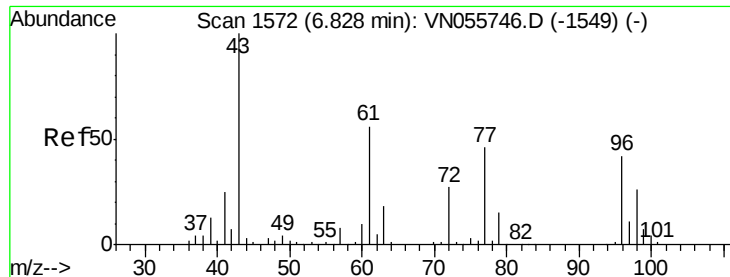
Tot Ion: 43 Resp: 483740
Ion Ratio Lower Upper
43 100
72 27.9 21.9 32.9



#26
2,2-Dichloropropane
Concen: 27.271 ug/l
RT: 6.82 min Scan# 1570
Delta R.T. 0.00 min
Lab File: VN055829.D
Acq: 25 May 2019 5:54

Tgt Ion: 77 Resp: 138203
Ion Ratio Lower Upper
77 100
97 27.2 12.2 36.6





#27

cis-1,2-Dichloroethene

Concen: 52.549 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. -0.00 min

Lab File: VN055829.D

Acq: 25 May 2019 5:54

Instrument :

MSVOA_N

ClientSampleId :

MW2-R1-1MS

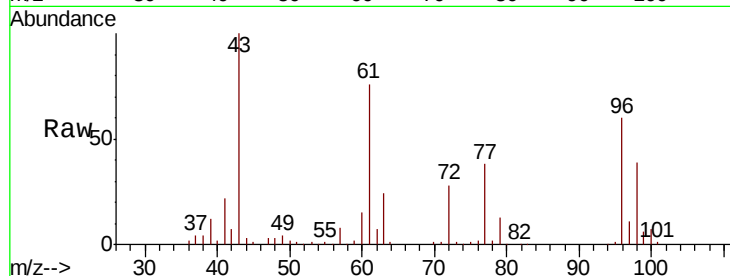
Tot Ion: 96 Resp: 198667

Ion Ratio Lower Upper

96 100

61 127.5 0.0 275.8

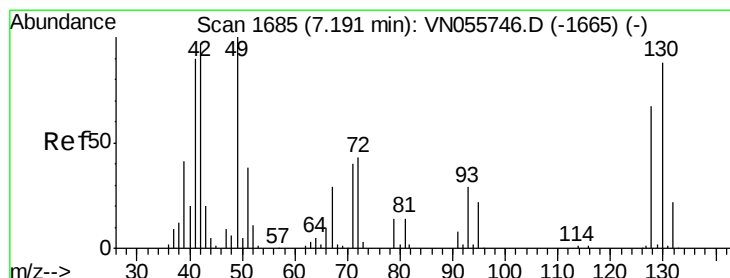
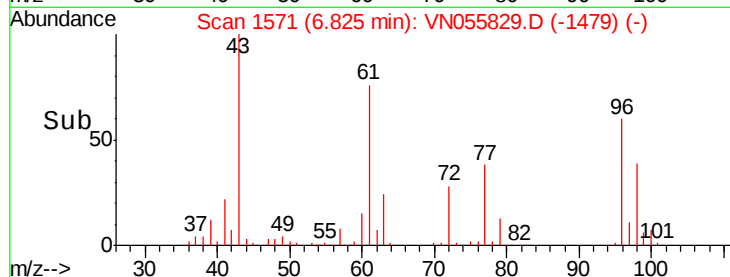
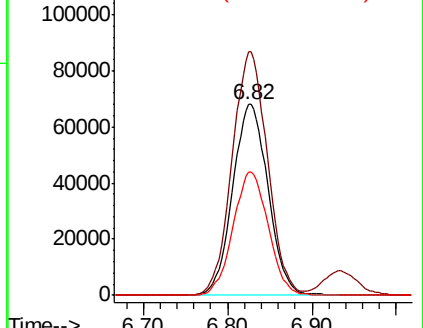
98 64.4 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VN055829.D (-1479) (-)

Ion 60.90 (60.60 to 61.60): VN055829.D (-1479) (-)

Ion 97.90 (97.60 to 98.60): VN055829.D (-1479) (-)



#28

Bromochloromethane

Concen: 49.155 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VN055829.D

Acq: 25 May 2019 5:54

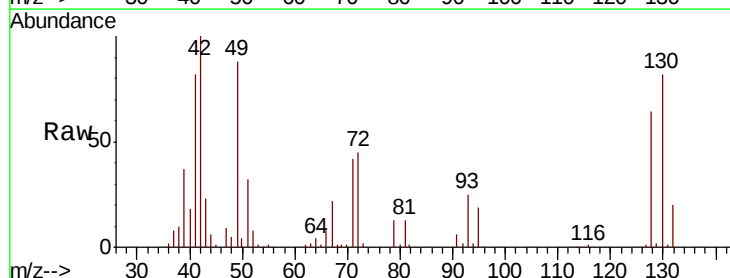
Tgt Ion: 49 Resp: 137040

Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.4

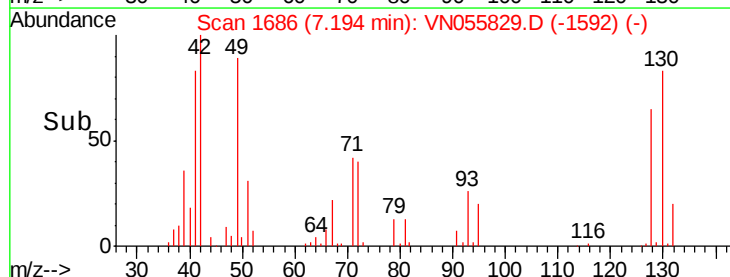
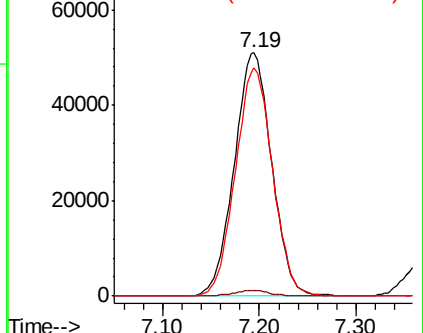
130 93.0 71.2 106.8

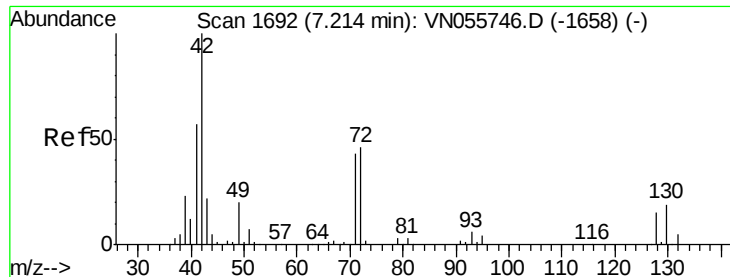


Abundance Ion 48.90 (48.60 to 49.60): VN055829.D (-1592) (-)

Ion 128.80 (128.50 to 129.50): VN055829.D (-1592) (-)

Ion 129.80 (129.50 to 130.50): VN055829.D (-1592) (-)





#29

Tetrahydrofuran

Concen: 229.771 ug/l

RT: 7.22 min Scan# 1693

Delta R.T. 0.00 min

Lab File: VN055829.D

Acq: 25 May 2019 5:54

Instrument :

MSVOA_N

ClientSampleId :

MW2-R1-1MS

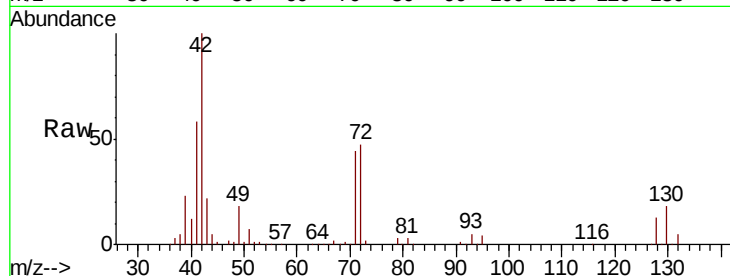
Tot Ion: 42 Resp: 327178

Ion Ratio Lower Upper

42 100

72 45.8 35.9 53.9

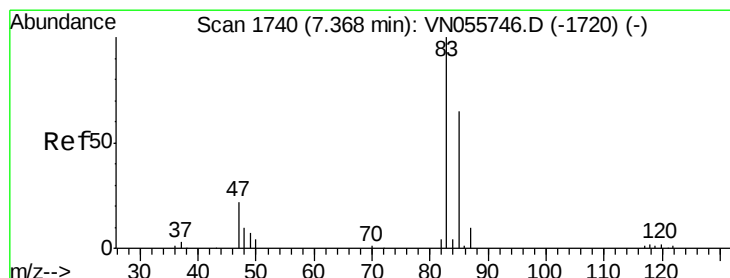
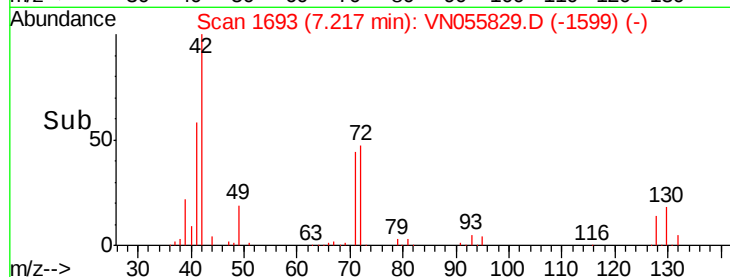
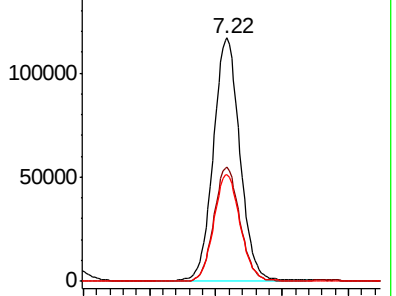
71 43.4 34.0 51.0



Abundance Ion 42.00 (41.70 to 42.70): VN055746.D (-1658) (-)

Ion 72.00 (71.70 to 72.70): VN055746.D (-1658) (-)

Ion 71.00 (70.70 to 71.70): VN055746.D (-1658) (-)



#30

Chloroform

Concen: 48.973 ug/l

RT: 7.37 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VN055829.D

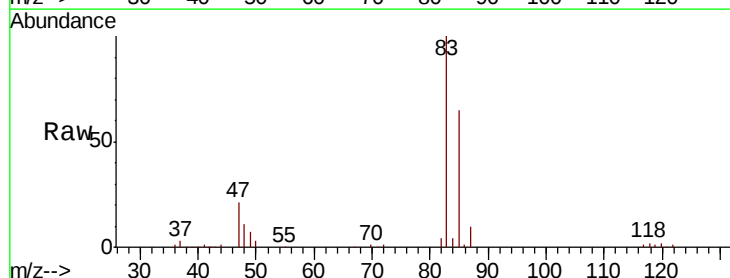
Acq: 25 May 2019 5:54

Tgt Ion: 83 Resp: 285984

Ion Ratio Lower Upper

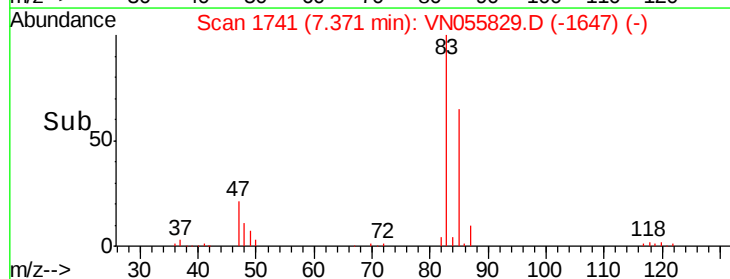
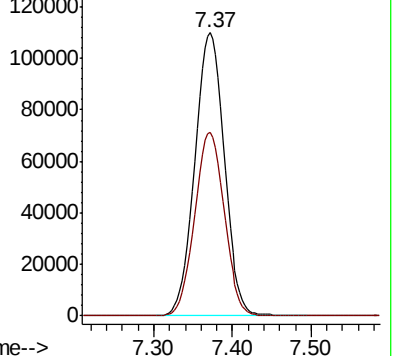
83 100

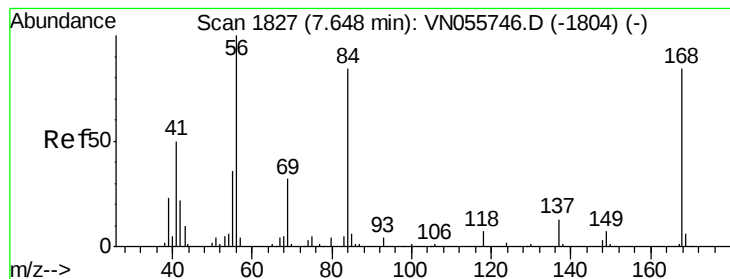
85 64.9 51.8 77.8



Abundance Ion 82.90 (82.60 to 83.60): VN055746.D (-1720) (-)

Ion 84.90 (84.60 to 85.60): VN055746.D (-1720) (-)





#31

Cyclohexane

Concen: 46.176 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN055829.D

Acq: 25 May 2019 5:54

Instrument :

MSVOA_N

ClientSampleId :

MW2-R1-1MS

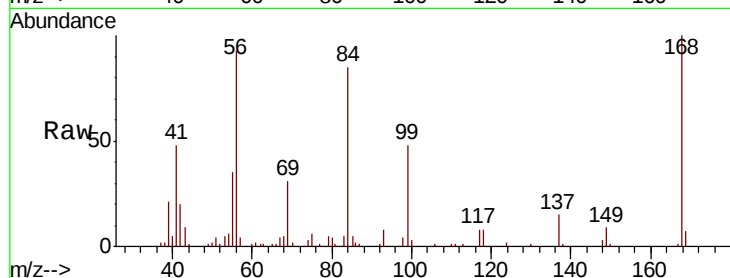
Tot Ion: 56 Resp: 253856

Ion Ratio Lower Upper

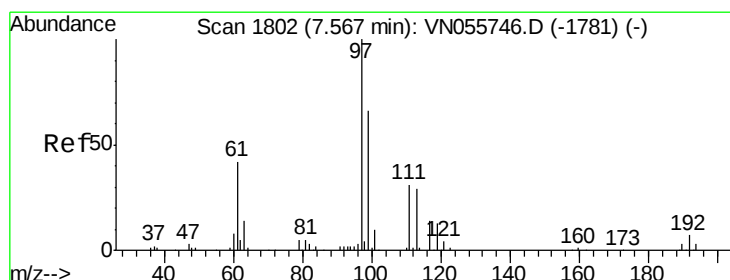
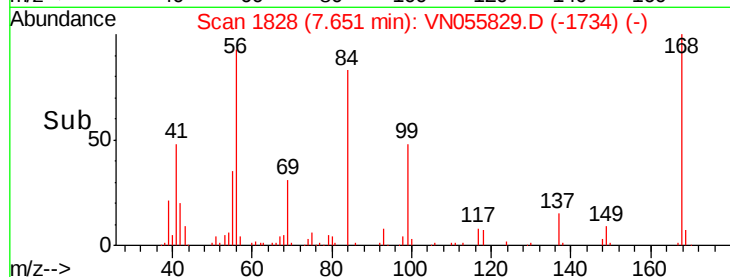
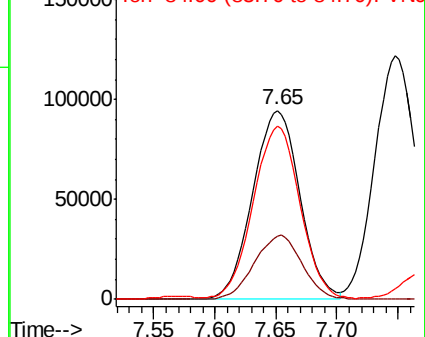
56 100

69 33.7 25.6 38.4

84 90.4 67.4 101.0



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



#32

1,1,1-Trichloroethane

Concen: 48.109 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN055829.D

Acq: 25 May 2019 5:54

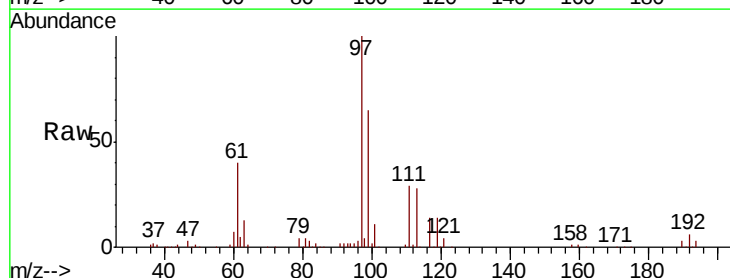
Tgt Ion: 97 Resp: 250700

Ion Ratio Lower Upper

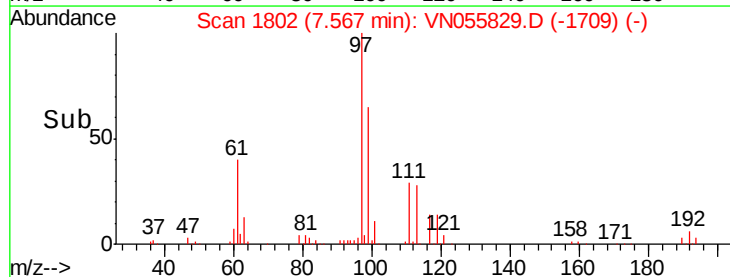
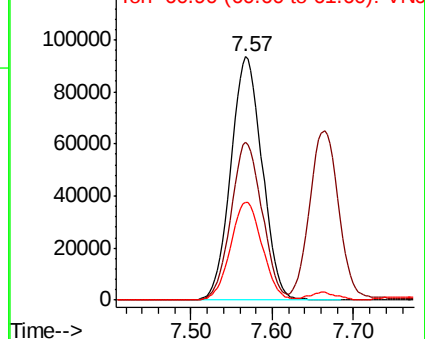
97 100

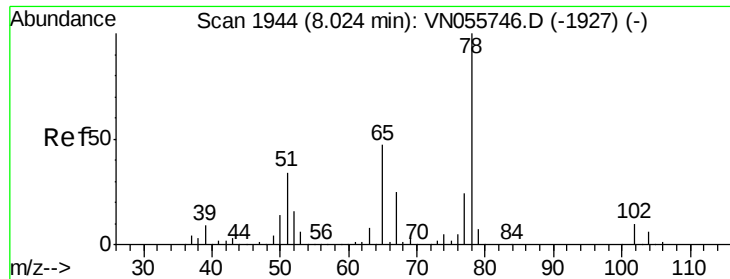
99 64.5 52.0 78.0

61 40.7 32.9 49.3



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

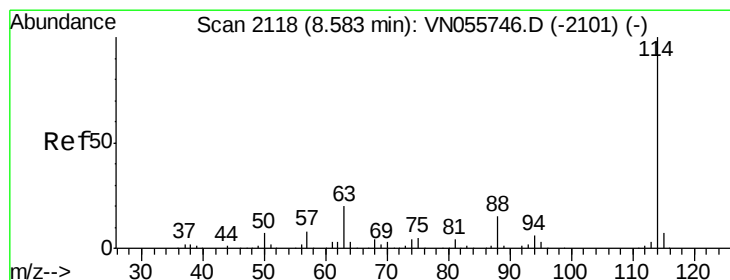
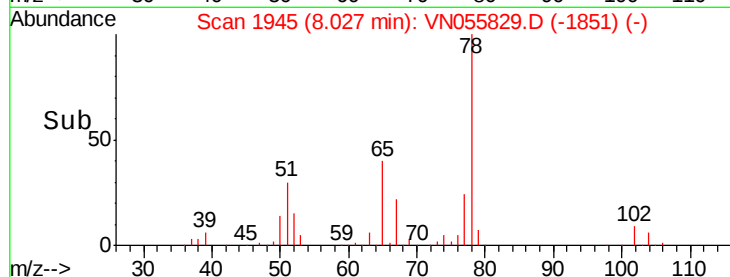
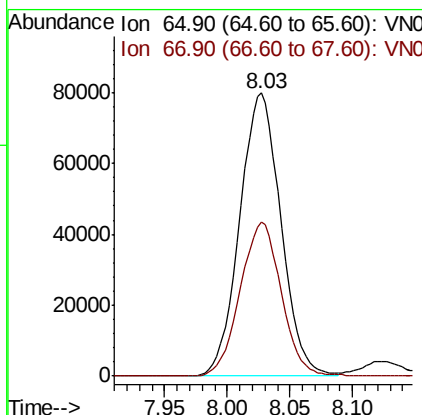
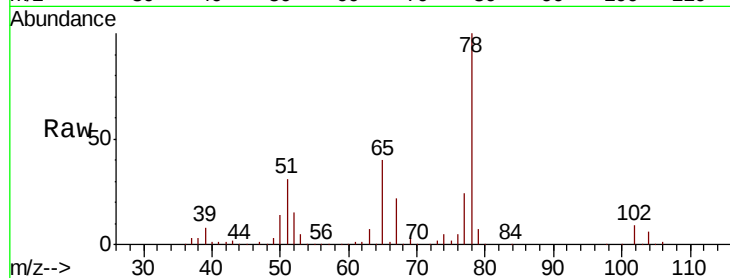




#33
 1,2-Dichloroethane-d4
 Concen: 49.798 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055829.D
 Acq: 25 May 2019 5:54

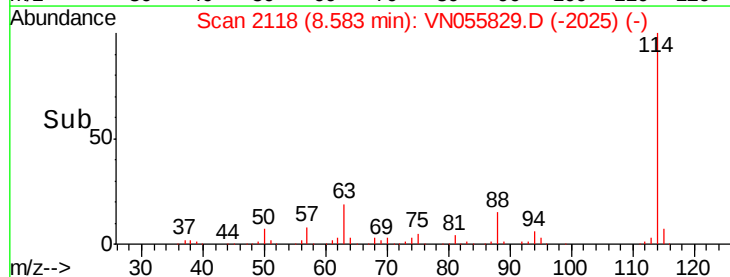
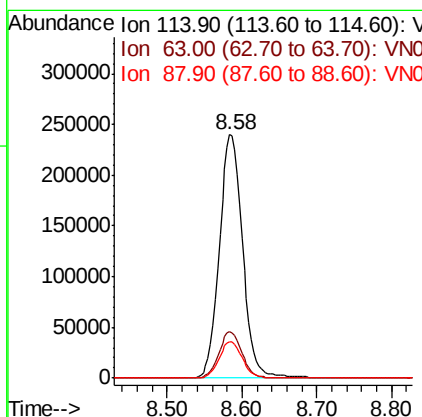
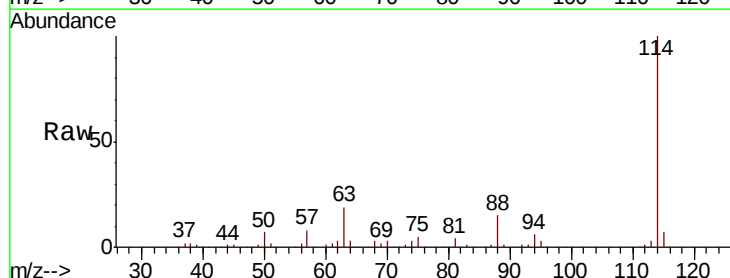
Instrument :
 MSVOA_N
 ClientSampleId :
 MW2-R1-1MS

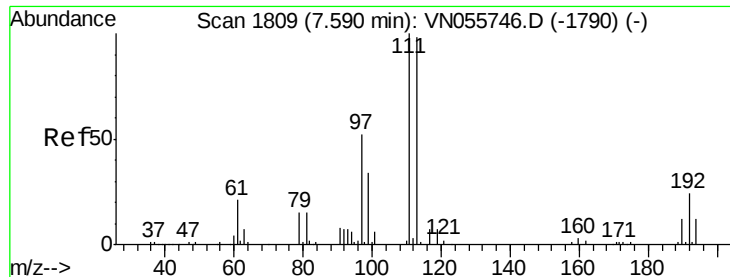
Tot Ion: 65 Resp: 182394
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN055829.D
 Acq: 25 May 2019 5:54

Tgt Ion: 114 Resp: 516410
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 39.2
 88 15.1 0.0 31.0

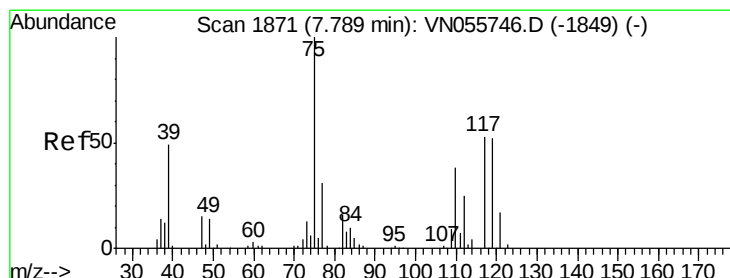
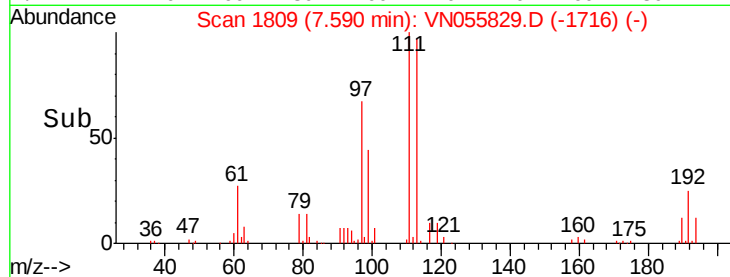
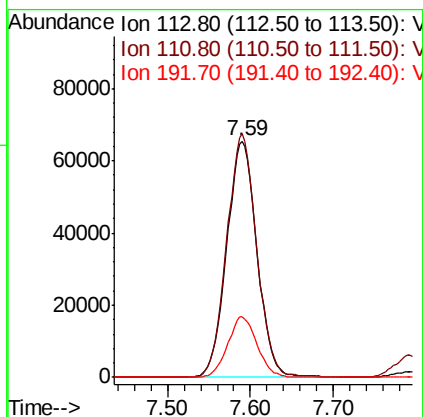
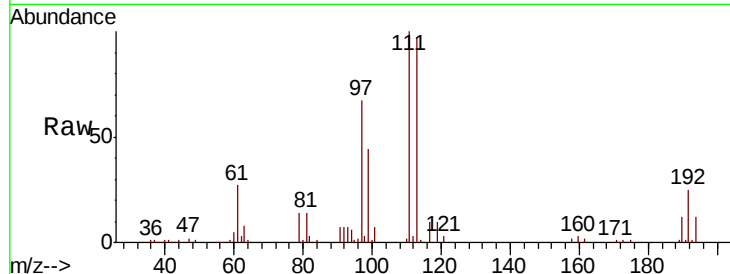




#35
 Dibromofluoromethane
 Concen: 50.823 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN055829.D
 Acq: 25 May 2019 5:54

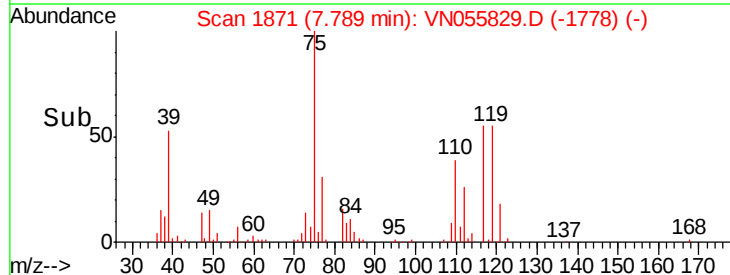
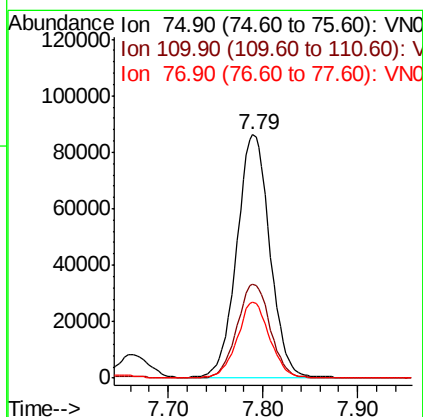
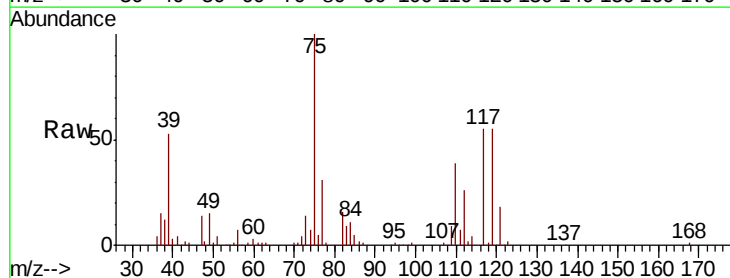
Instrument :
 MSVOA_N
 ClientSampleId :
 MW2-R1-1MS

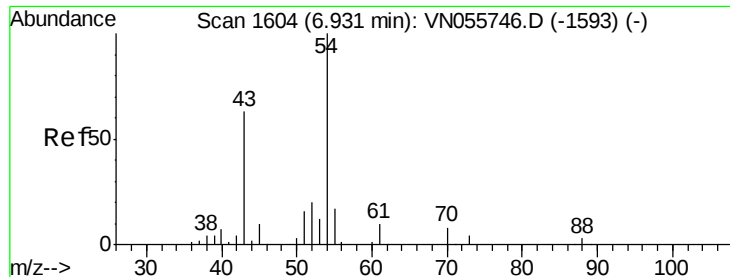
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.9	122.9
192	24.8	19.5	29.3



#36
 1,1-Dichloropropene
 Concen: 46.227 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: VN055829.D
 Acq: 25 May 2019 5:54

Tgt Ion	Ratio	Lower	Upper
75	100		
110	39.1	19.0	57.0
77	31.0	25.1	37.7

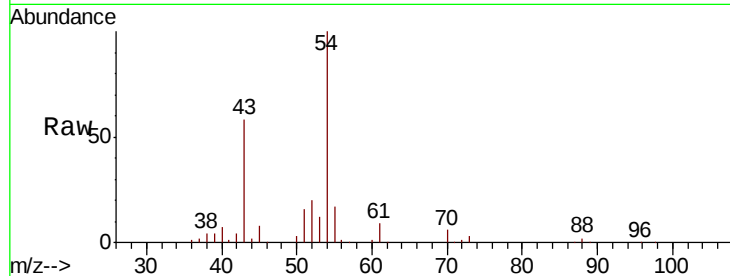




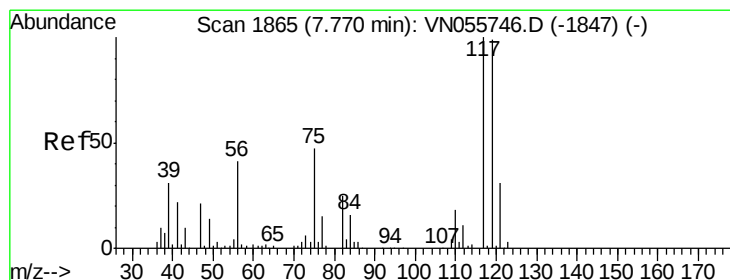
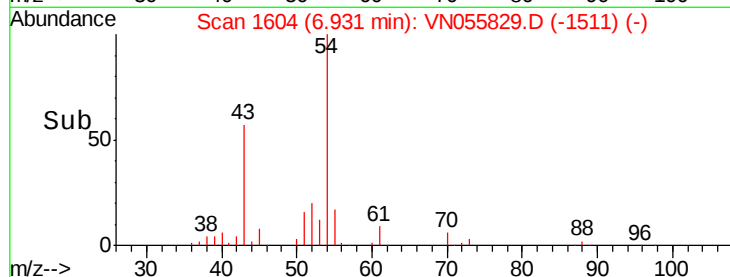
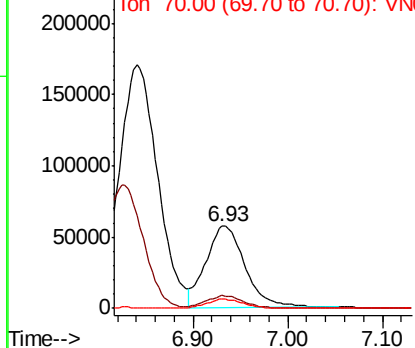
#37
Ethyl Acetate
Concen: 37.860 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VN055829.D
Acq: 25 May 2019 5:54

Instrument :
MSVOA_N
ClientSampleId :
MW2-R1-1MS

Tot Ion: 43 Resp: 164672
Ion Ratio Lower Upper
43 100
61 15.0 12.2 18.2
70 10.5 8.9 13.3

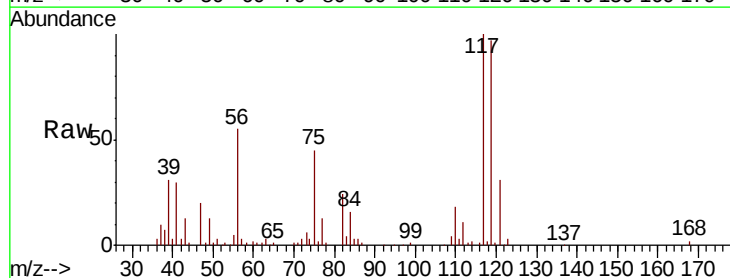


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

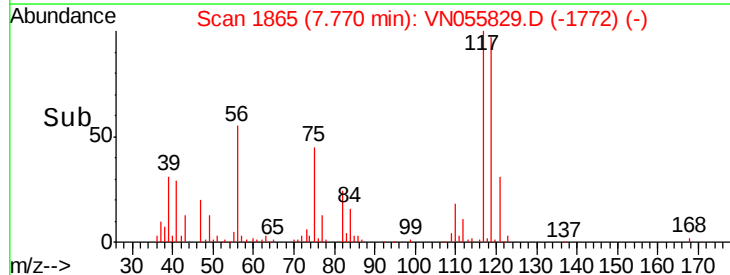
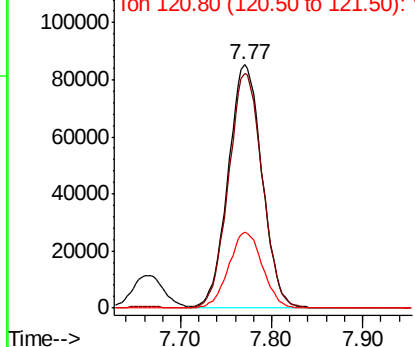


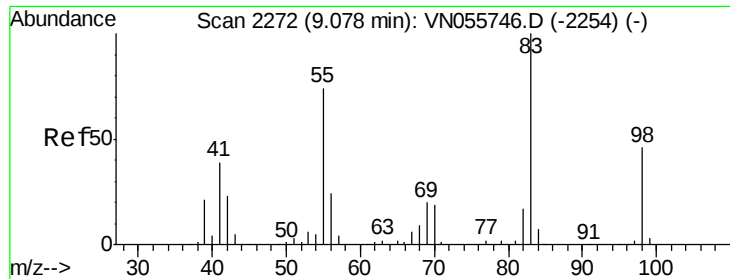
#38
Carbon Tetrachloride
Concen: 47.165 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN055829.D
Acq: 25 May 2019 5:54

Tgt Ion: 117 Resp: 221096
Ion Ratio Lower Upper
117 100
119 96.6 79.0 118.6
121 31.0 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

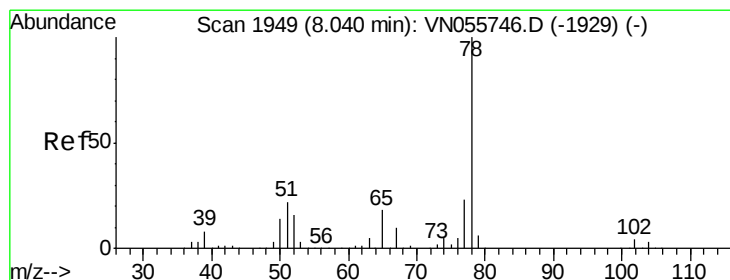
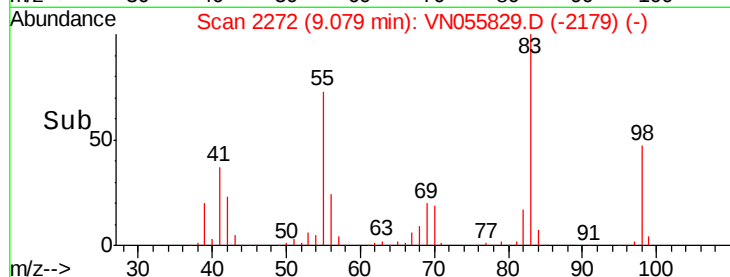
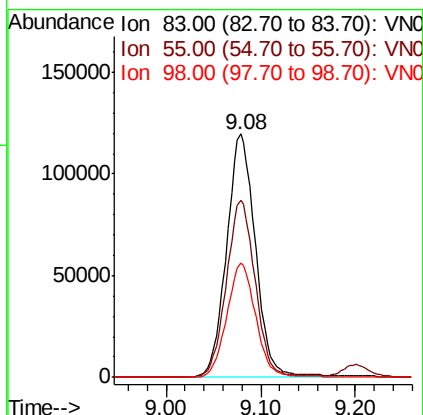
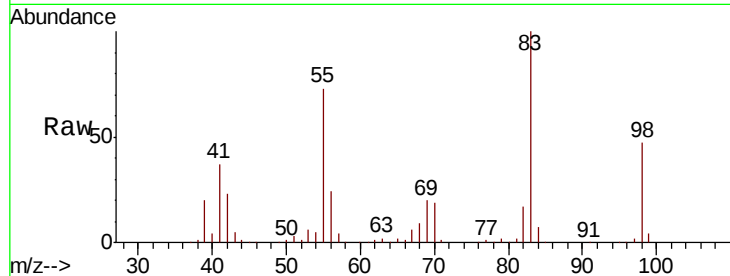




#39
Methvlcvclohexane
Concen: 45.658 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN055829.D
Acq: 25 May 2019 5:54

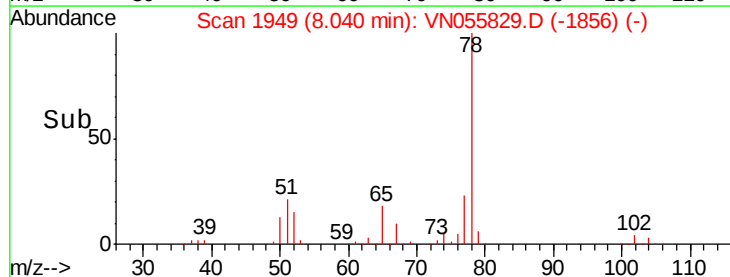
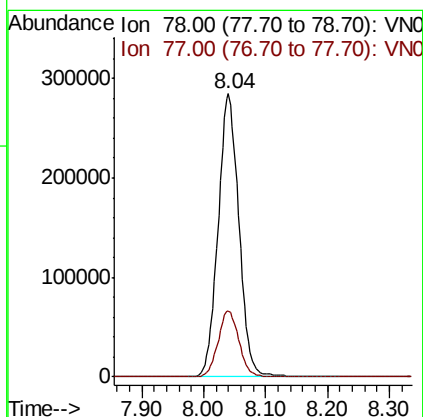
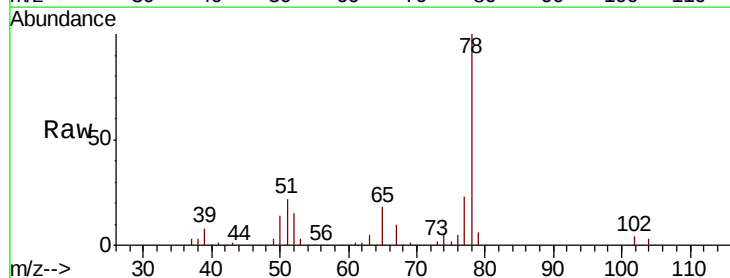
Instrument :
MSVOA_N
ClientSampleId :
MW2-R1-1MS

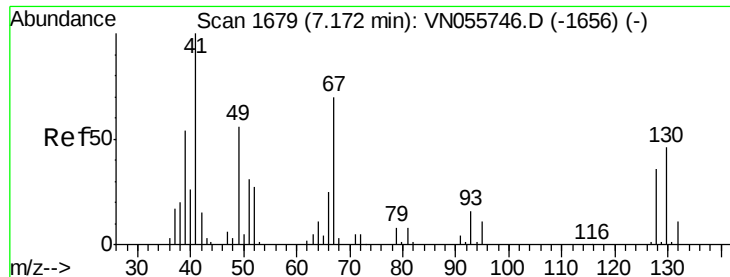
Tot Ion: 83 Resp: 254442
Ion Ratio Lower Upper
83 100
55 72.9 59.3 88.9
98 46.8 36.6 54.8



#40
Benzene
Concen: 48.905 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN055829.D
Acq: 25 May 2019 5:54

Tgt Ion: 78 Resp: 663299
Ion Ratio Lower Upper
78 100
77 23.3 18.8 28.2

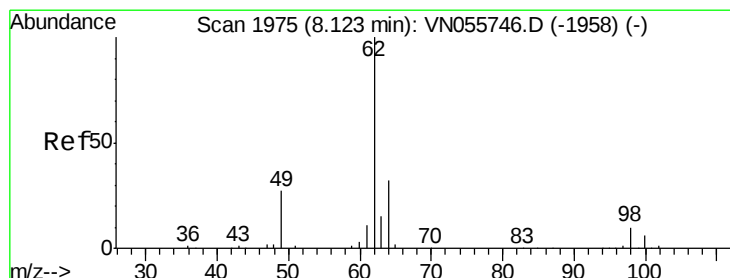
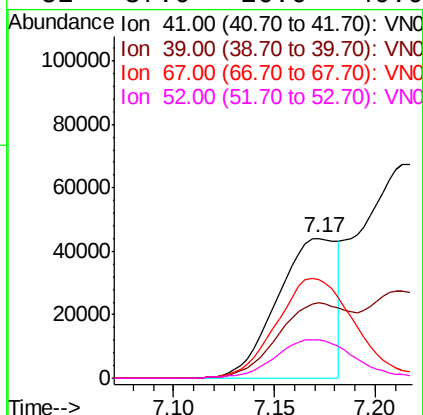
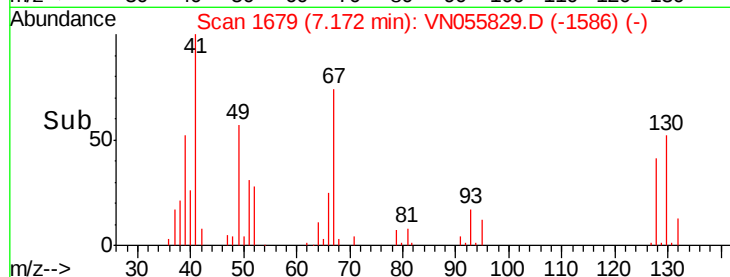
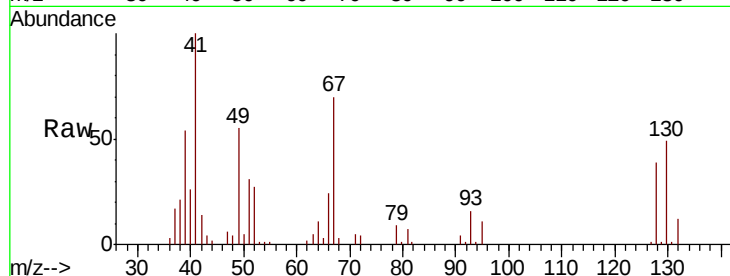




#41
Methacrylonitrile
Concen: 41.327 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VN055829.D
Acq: 25 May 2019 5:54

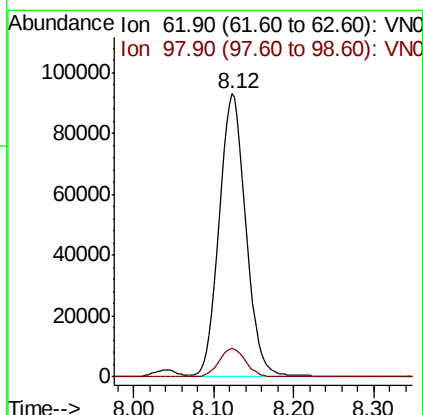
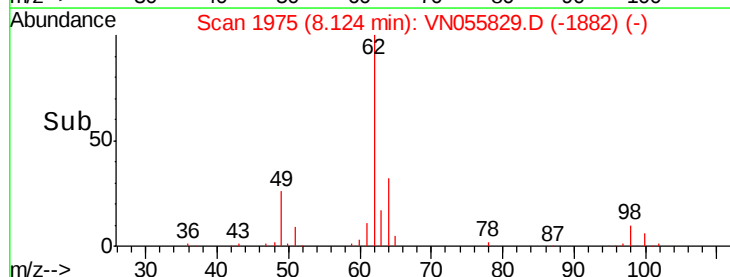
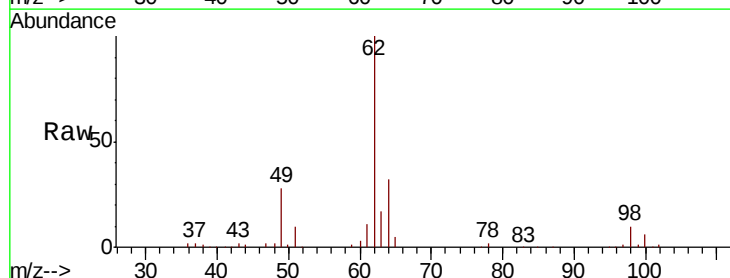
Instrument :
MSVOA_N
ClientSampled :
MW2-R1-1MS

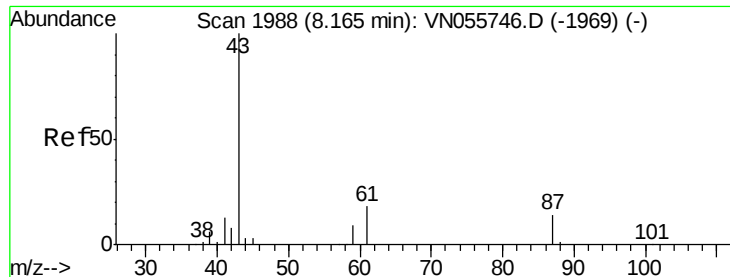
Tot Ion: 41 Resp: 90812
Ion Ratio Lower Upper
41 100
39 66.4 45.6 68.4
67 93.9 67.7 101.5
52 37.0 26.6 40.0



#42
1,2-Dichloroethane
Concen: 48.362 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN055829.D
Acq: 25 May 2019 5:54

Tgt Ion: 62 Resp: 214335
Ion Ratio Lower Upper
62 100
98 10.0 0.0 20.2





#43

Isopropyl Acetate

Concen: 40.213 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN055829.D

Acq: 25 May 2019 5:54

Instrument :

MSVOA_N

ClientSampleId :

MW2-R1-1MS

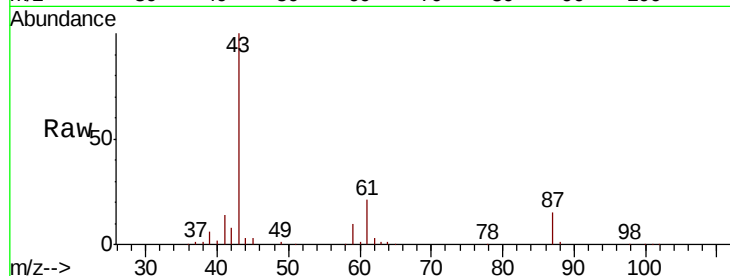
Tot Ion: 43 Resp: 293878

Ion Ratio Lower Upper

43 100

61 20.8 22.2 33.4#

87 14.9 11.4 17.2

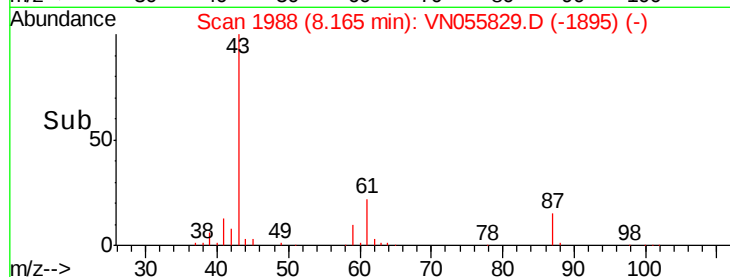


Abundance Ion 43.00 (42.70 to 43.70): VN055746.D (-1969) (-)

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

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

8.17



Abundance

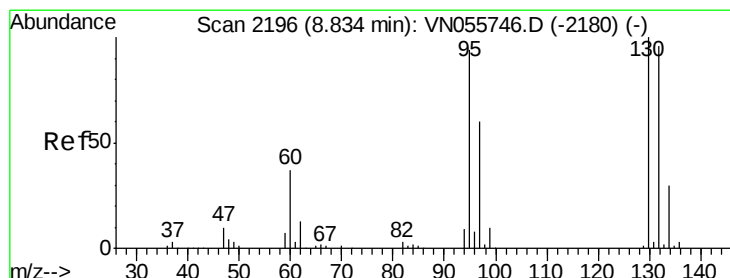
Ion 43.00 (42.70 to 43.70): VN055829.D (-1895) (-)

Ion 61.00 (60.70 to 61.70): VN055829.D (-1895) (-)

Ion 87.00 (86.70 to 87.70): VN055829.D (-1895) (-)

8.17

Time-->



#44

Trichloroethene

Concen: 50.090 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN055829.D

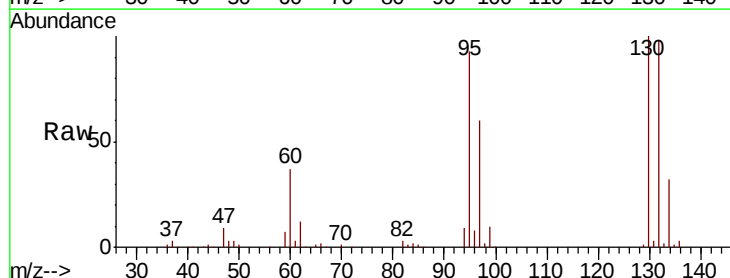
Acq: 25 May 2019 5:54

Tgt Ion:130 Resp: 189399

Ion Ratio Lower Upper

130 100

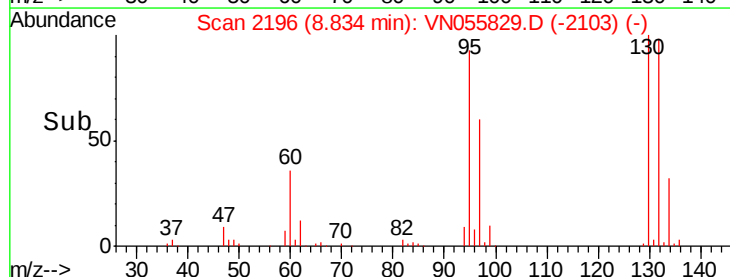
95 93.4 0.0 188.0



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

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

8.83



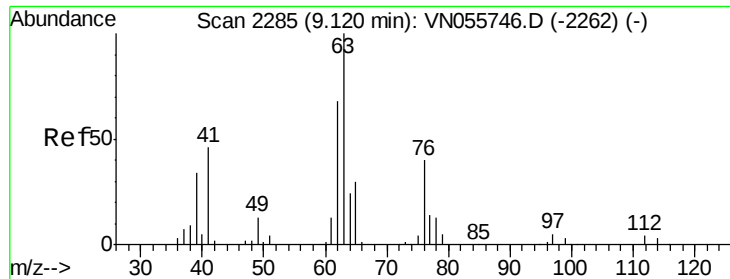
Abundance

Ion 129.80 (129.50 to 130.50): VN055829.D (-2103) (-)

Ion 94.90 (94.60 to 95.60): VN055829.D (-2103) (-)

8.83

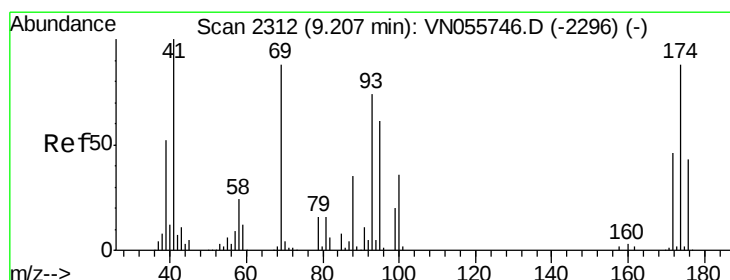
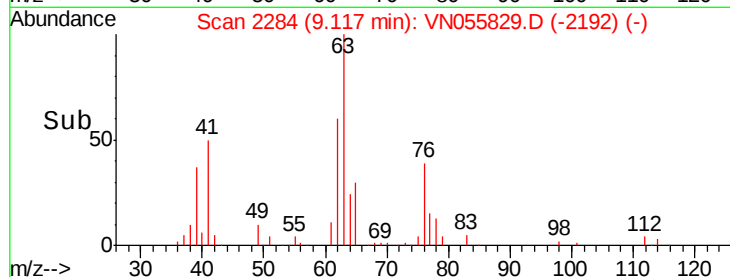
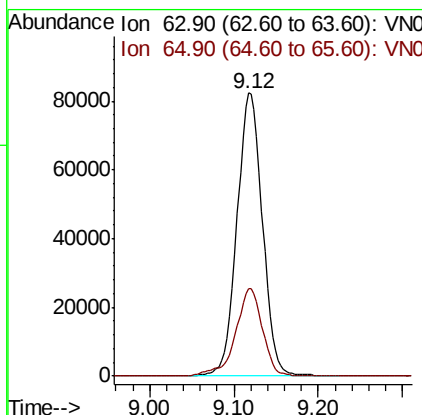
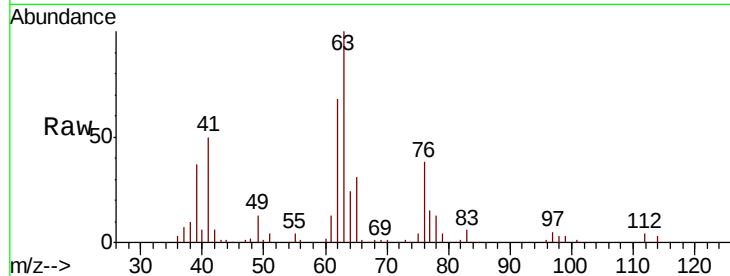
Time-->



#45
 1,2-Dichloropropane
 Concen: 49.159 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN055829.D
 Acq: 25 May 2019 5:54

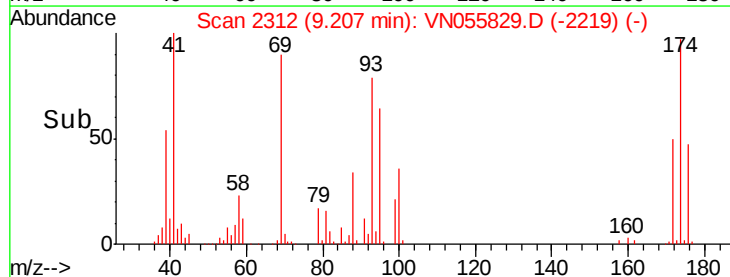
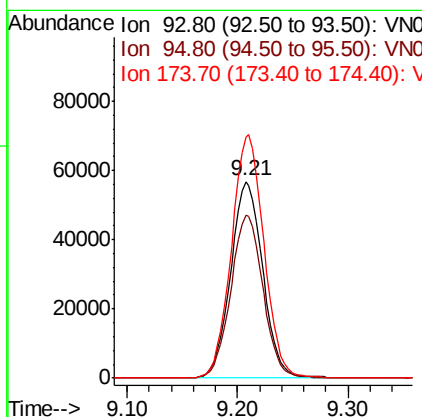
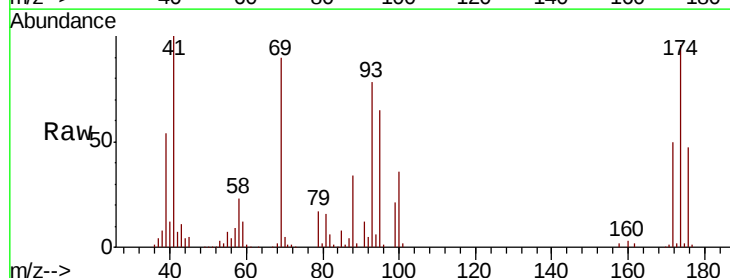
Instrument :
 MSVOA_N
 ClientSampleId :
 MW2-R1-1MS

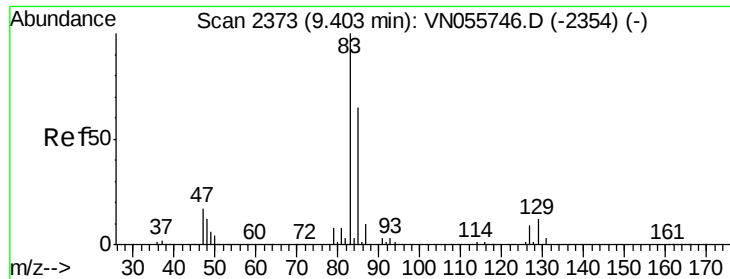
Tot Ion: 63 Resp: 173716
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.6 36.8



#46
 Dibromomethane
 Concen: 49.508 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN055829.D
 Acq: 25 May 2019 5:54

Tgt Ion: 93 Resp: 114734
 Ion Ratio Lower Upper
 93 100
 95 83.4 66.7 100.1
 174 125.1 96.4 144.6





#47

Bromodichloromethane

Concen: 47.230 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN055829.D

Acq: 25 May 2019 5:54

Instrument :

MSVOA_N

ClientSampleId :

MW2-R1-1MS

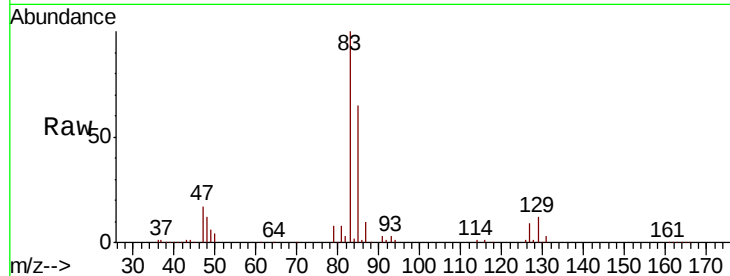
Tot Ion: 83 Resp: 224441

Ion Ratio Lower Upper

83 100

85 64.5 52.2 78.2

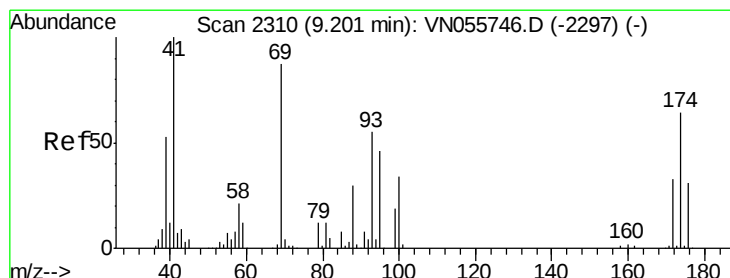
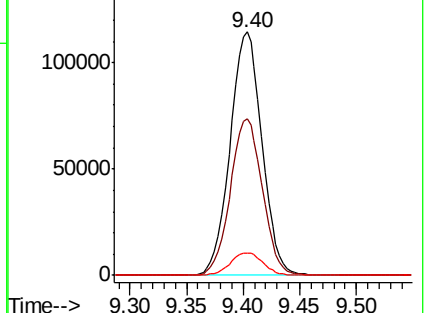
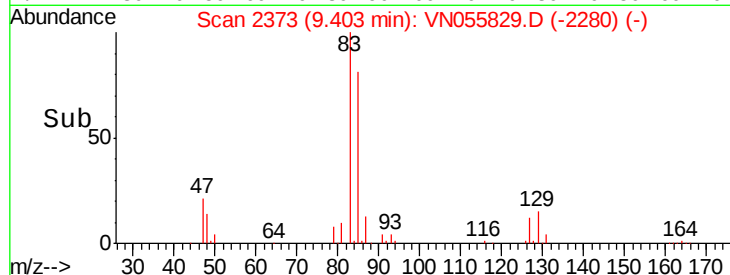
127 9.3 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VN055829.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN055829.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN055829.D (-2280) (-)



#48

Methyl methacrylate

Concen: 48.907 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN055829.D

Acq: 25 May 2019 5:54

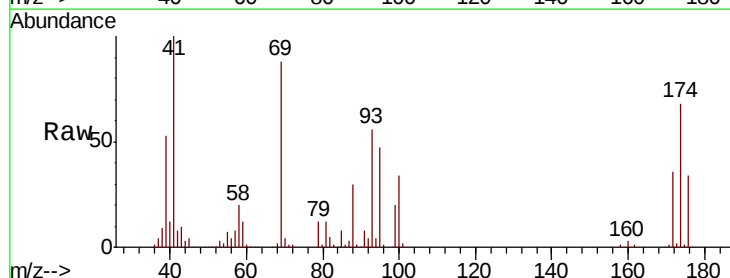
Tgt Ion: 41 Resp: 164722

Ion Ratio Lower Upper

41 100

69 88.4 71.0 106.6

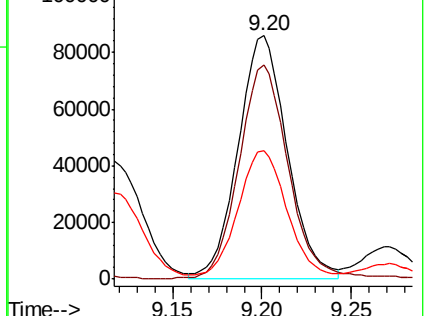
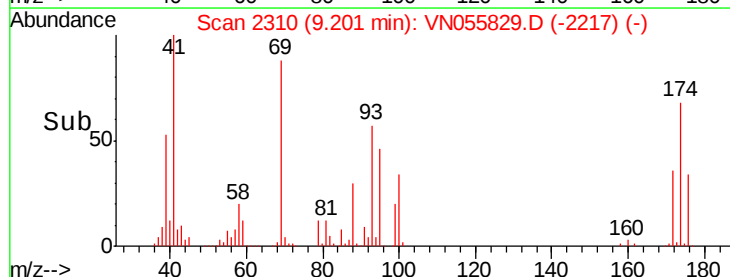
39 53.4 44.2 66.2

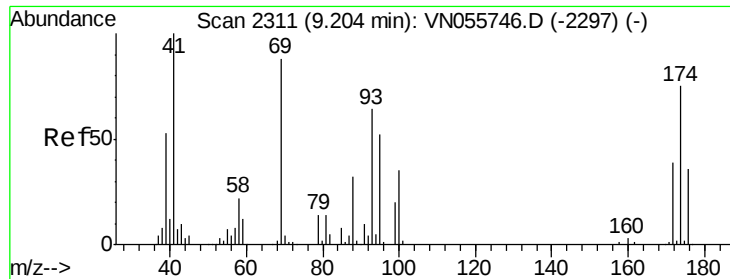


Abundance Ion 41.00 (40.70 to 41.70): VN055829.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN055829.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN055829.D (-2217) (-)





#49

1,4-Dioxane

Concen: 891.539 ug/l

RT: 9.20 min Scan# 2311

Delta R.T. 0.00 min

Lab File: VN055829.D

Acq: 25 May 2019 5:54

Instrument :

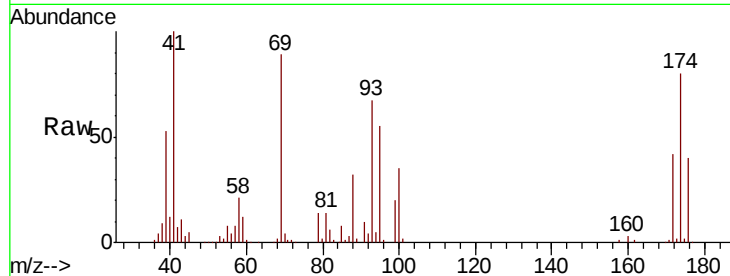
MSVOA_N

ClientSampleId :

MW2-R1-1MS

Tot Ion: 88 Resp: 62400

Ion	Ratio	Lower	Upper
88	100		
43	27.4	20.5	30.7
58	69.4	55.8	83.6

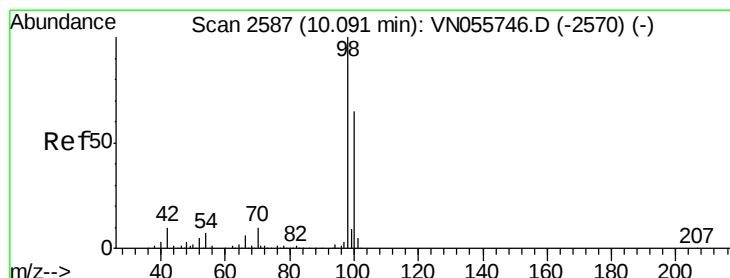
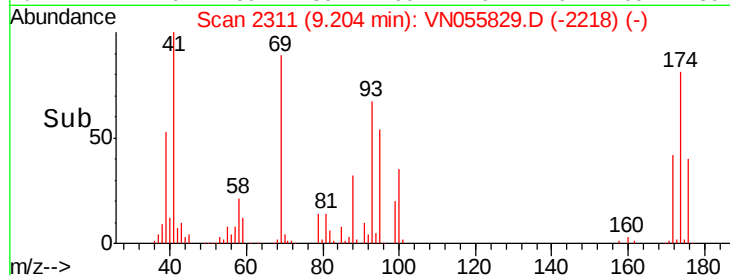
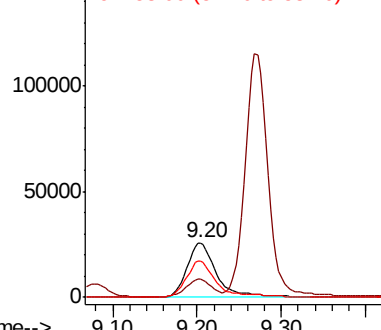


Abundance

Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 49.664 ug/l

RT: 10.09 min Scan# 2587

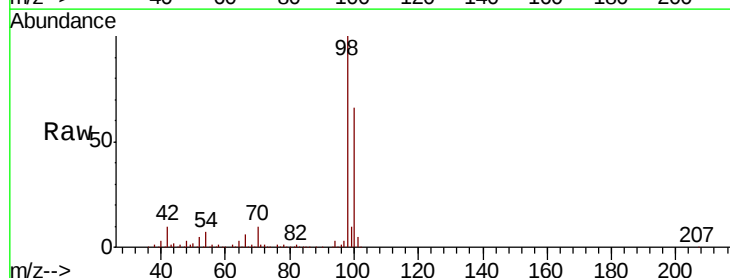
Delta R.T. 0.00 min

Lab File: VN055829.D

Acq: 25 May 2019 5:54

Tgt Ion: 98 Resp: 621990

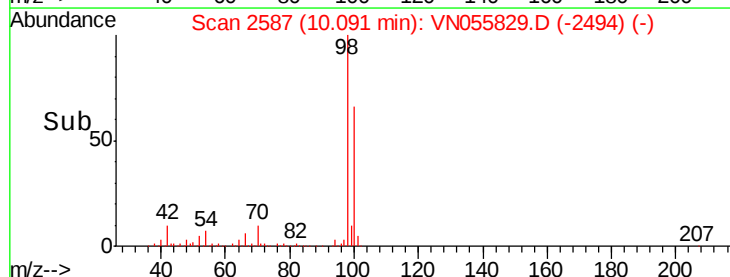
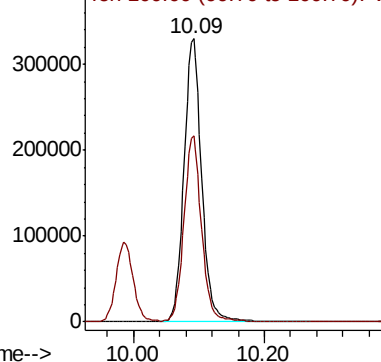
Ion	Ratio	Lower	Upper
98	100		
100	65.3	51.9	77.9

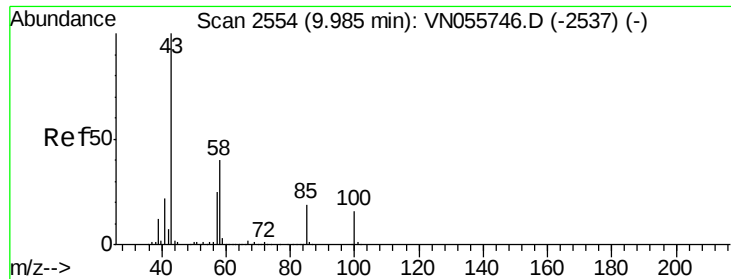


Abundance

Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

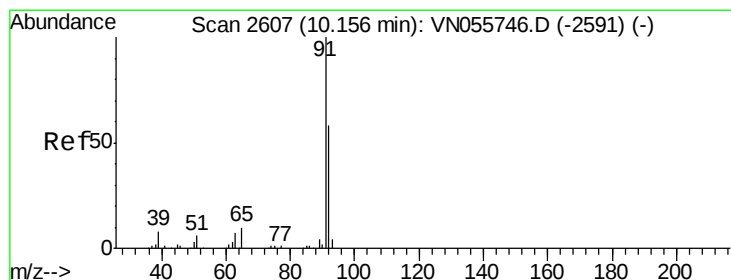
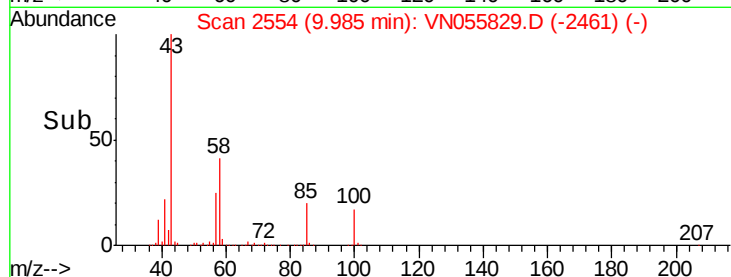
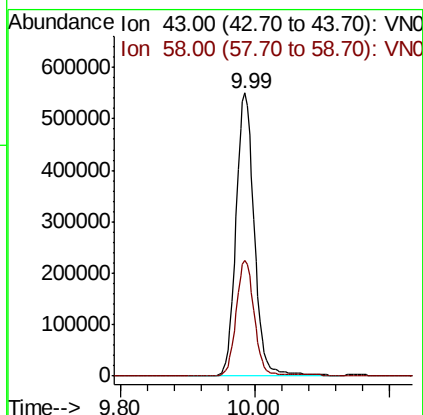
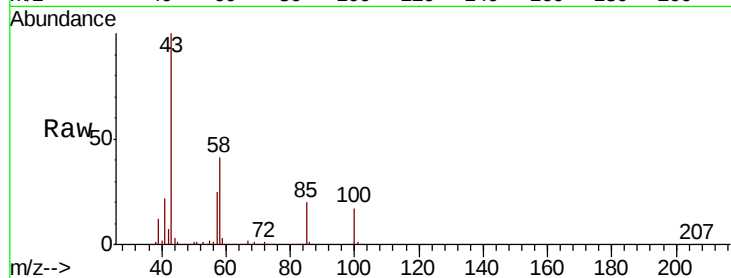




#51
 4-Methyl-2-Pentanone
 Concen: 237.910 ug/l
 RT: 9.99 min Scan# 2554
 Delta R.T. 0.00 min
 Lab File: VN055829.D
 Acq: 25 May 2019 5:54

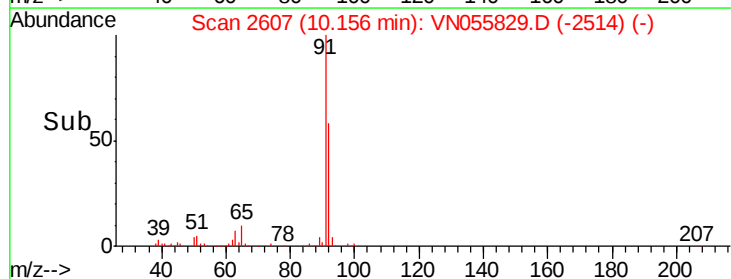
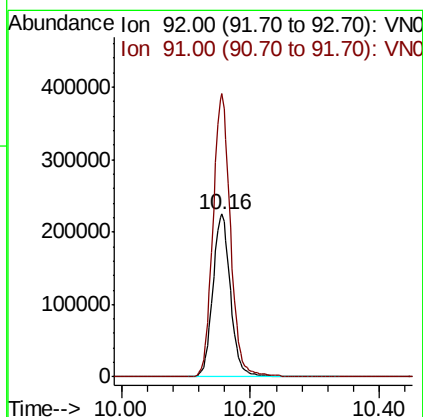
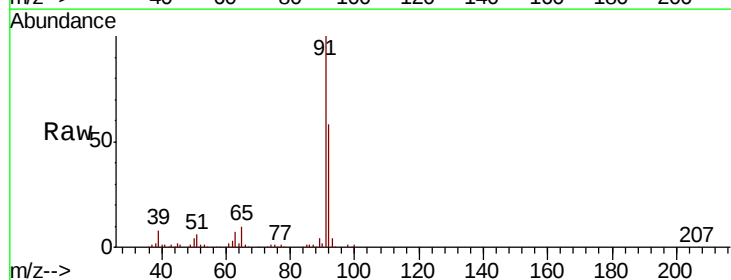
Instrument :
 MSVOA_N
 ClientSampleId :
 MW2-R1-1MS

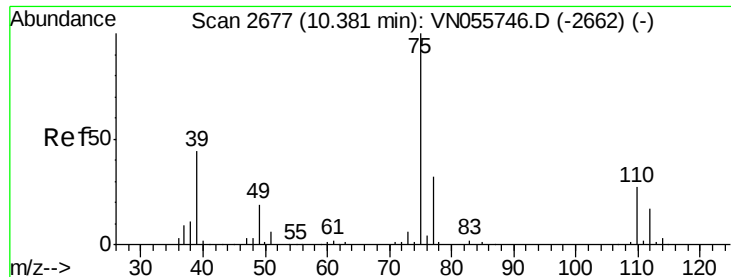
Tot Ion: 43 Resp: 1026846
 Ion Ratio Lower Upper
 43 100
 58 40.5 32.1 48.1



#52
 Toluene
 Concen: 49.917 ug/l
 RT: 10.16 min Scan# 2607
 Delta R.T. 0.00 min
 Lab File: VN055829.D
 Acq: 25 May 2019 5:54

Tgt Ion: 92 Resp: 425803
 Ion Ratio Lower Upper
 92 100
 91 172.8 139.4 209.2





#53

t-1,3-Dichloropropene

Concen: 44.154 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN055829.D

Acq: 25 May 2019 5:54

Instrument :

MSVOA_N

ClientSampleId :

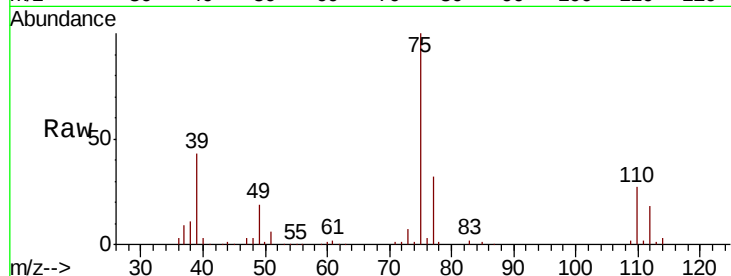
MW2-R1-1MS

Tot Ion: 75 Resp: 223971

Ion Ratio Lower Upper

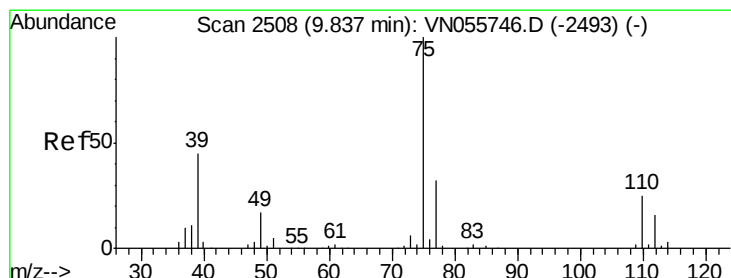
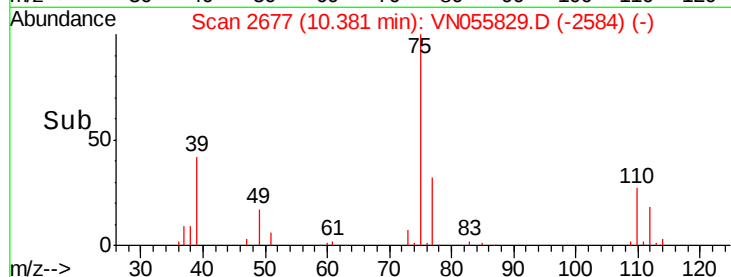
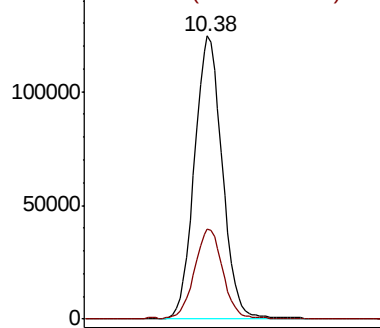
75 100

77 31.7 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: 44.757 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN055829.D

Acq: 25 May 2019 5:54

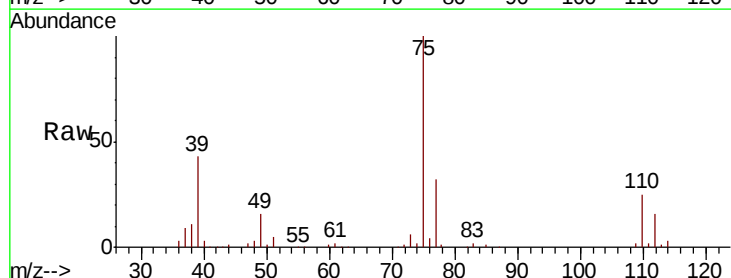
Tgt Ion: 75 Resp: 251500

Ion Ratio Lower Upper

75 100

77 31.8 25.4 38.0

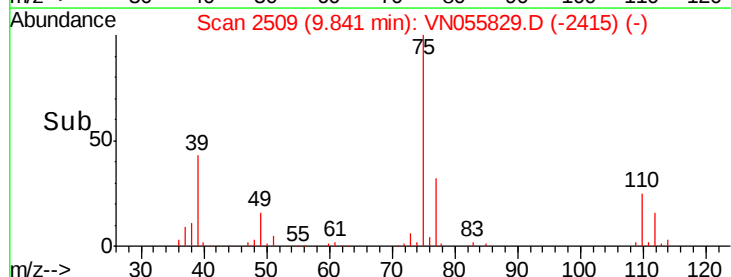
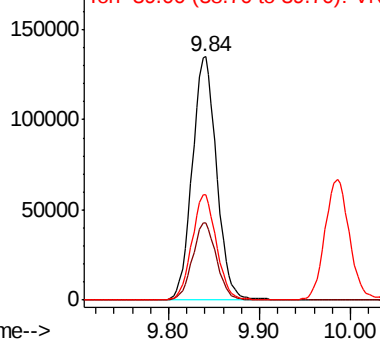
39 43.1 36.3 54.5

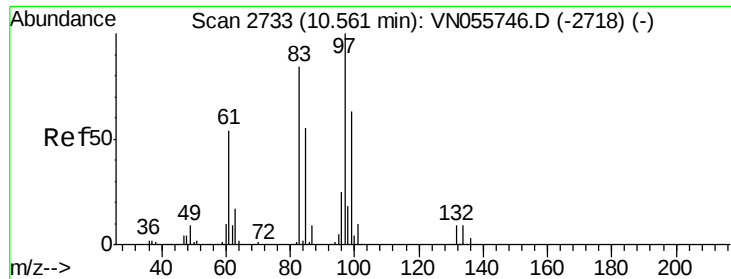


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

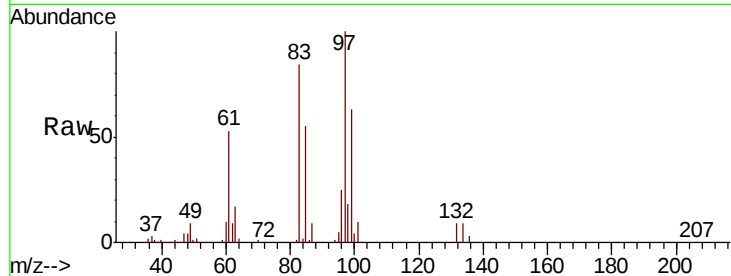




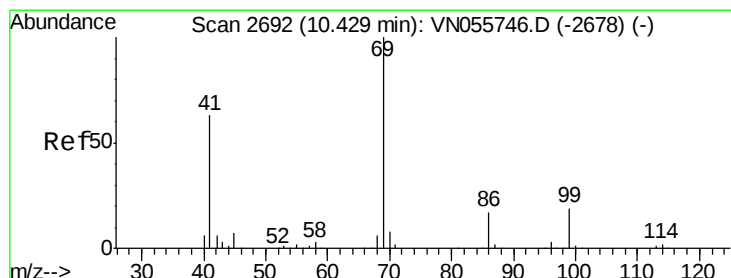
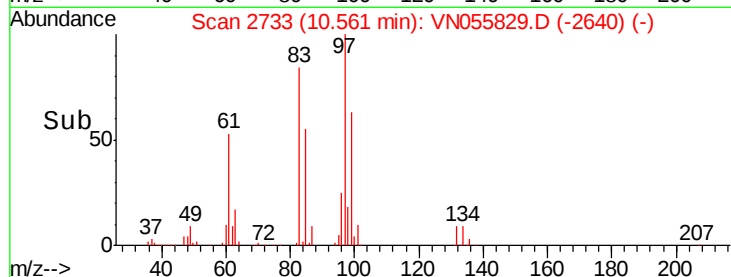
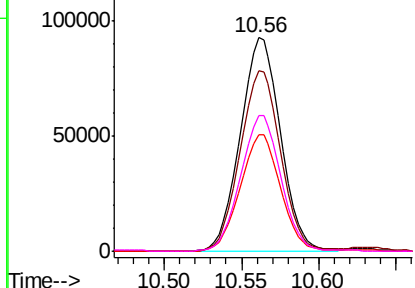
#55
 1,1,2-Trichloroethane
 Concen: 49.222 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN055829.D
 Acq: 25 May 2019 5:54

Instrument :
 MSVOA_N
 ClientSampled :
 MW2-R1-1MS

Tot Ion:	97	Resp:	168205
Ion	Ratio	Lower	Upper
97	100		
83	84.2	67.0	100.6
85	54.6	44.0	66.0
99	63.3	50.6	75.8

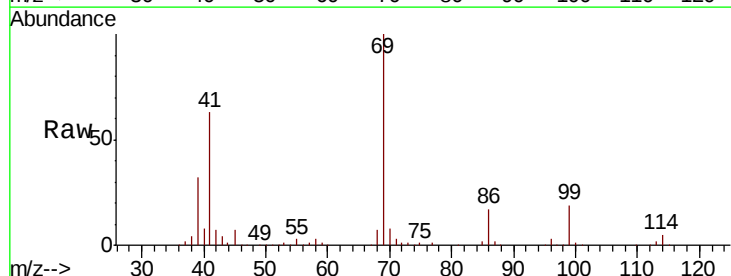


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

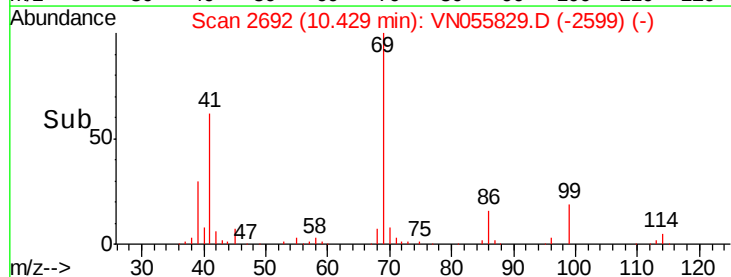
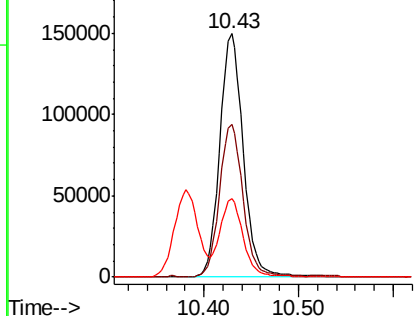


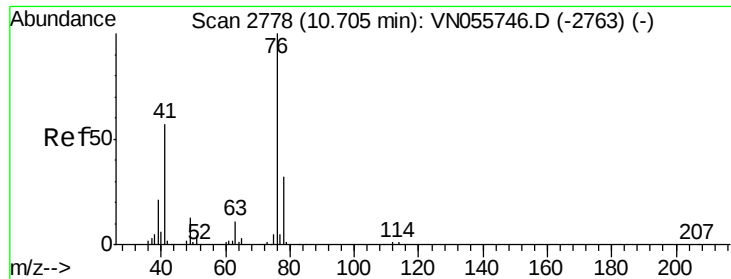
#56
 Ethyl methacrylate
 Concen: 48.964 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN055829.D
 Acq: 25 May 2019 5:54

Tgt Ion:	69	Resp:	258594
Ion	Ratio	Lower	Upper
69	100		
41	62.3	49.7	74.5
39	31.3	24.7	37.1



Abundance Ion 69.00 (68.70 to 69.70): VNO
 Ion 41.00 (40.70 to 41.70): VNO
 Ion 39.00 (38.70 to 39.70): VNO

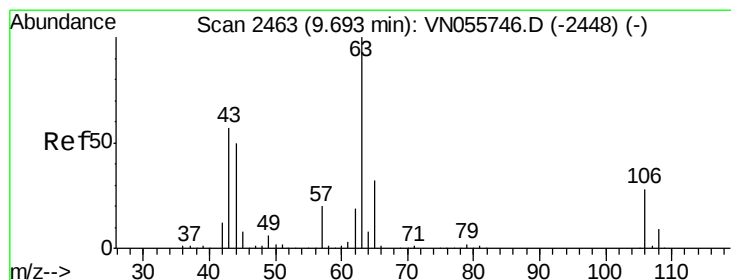
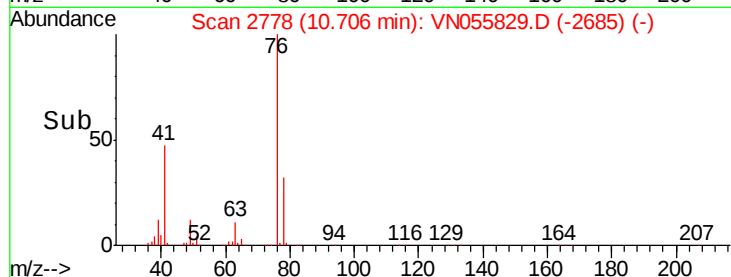
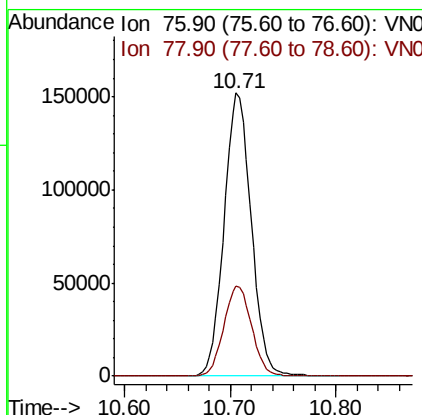
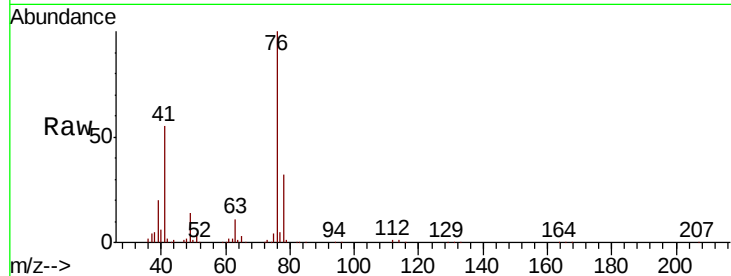




#57
 1,3-Dichloropropane
 Concen: 48.790 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. 0.00 min
 Lab File: VN055829.D
 Acq: 25 May 2019 5:54

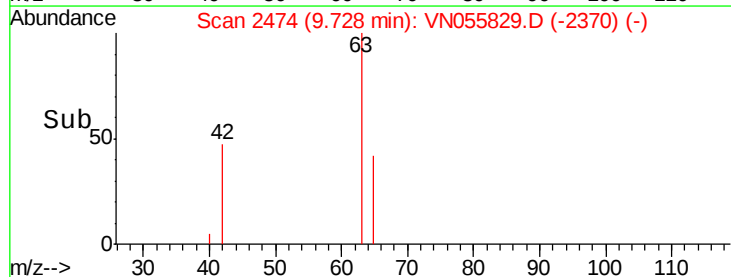
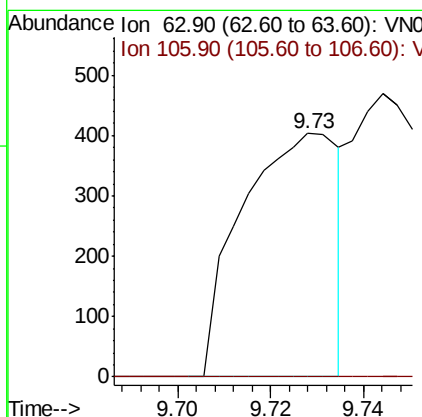
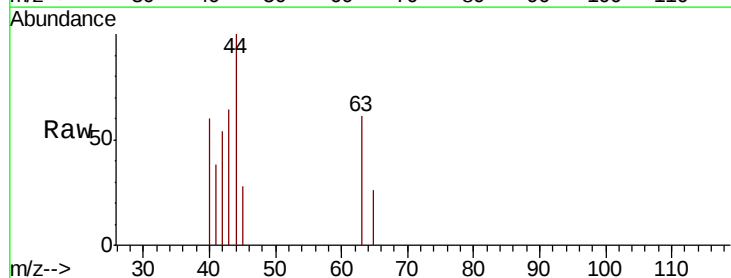
Instrument :
 MSVOA_N
 ClientSampleId :
 MW2-R1-1MS

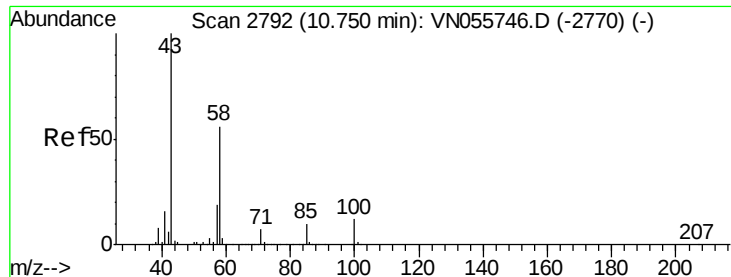
Tot Ion: 76 Resp: 271016
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 0.289 ug/l
 RT: 9.73 min Scan# 2474
 Delta R.T. 0.04 min
 Lab File: VN055829.D
 Acq: 25 May 2019 5:54

Tgt Ion: 63 Resp: 584
 Ion Ratio Lower Upper
 63 100
 106 0.0 22.7 34.1#

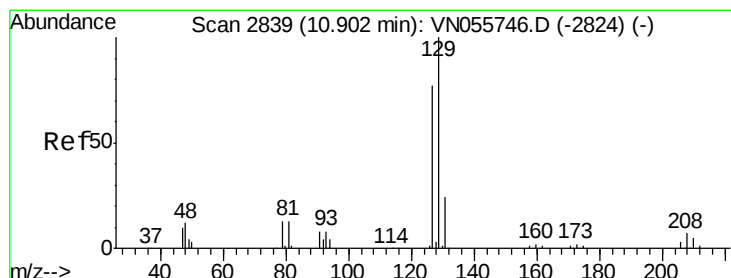
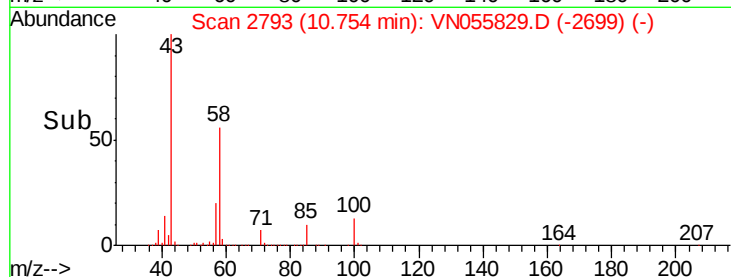
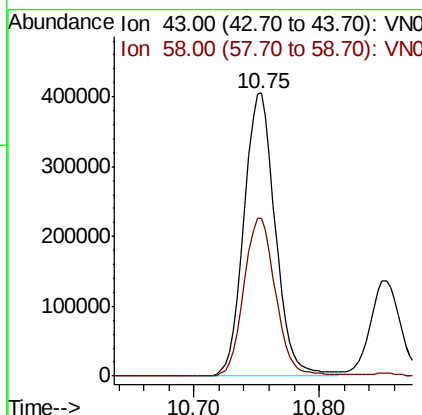
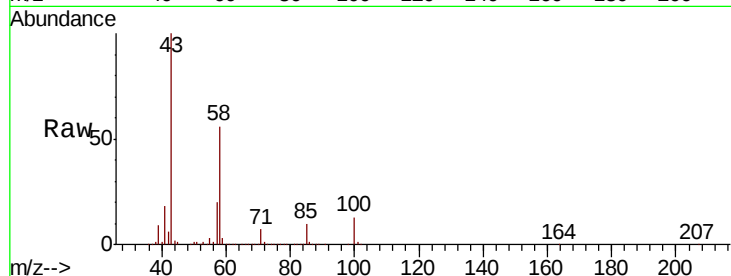




#59
2-Hexanone
Concen: 229.449 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN055829.D
Acq: 25 May 2019 5:54

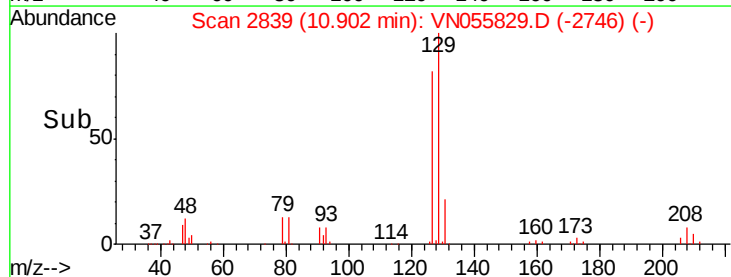
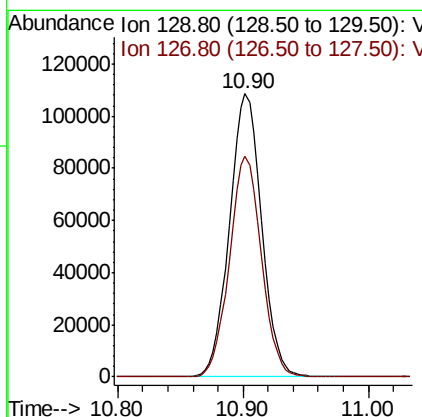
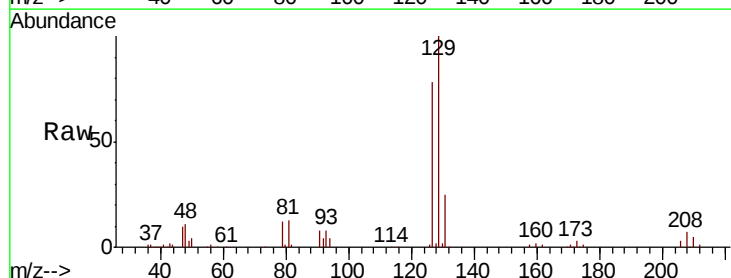
Instrument :
MSVOA_N
ClientSampleId :
MW2-R1-1MS

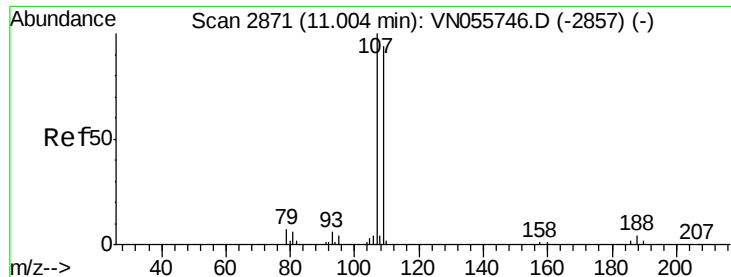
Tot Ion: 43 Resp: 702546
Ion Ratio Lower Upper
43 100
58 56.7 28.2 84.7



#60
Dibromochloromethane
Concen: 48.577 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN055829.D
Acq: 25 May 2019 5:54

Tgt Ion: 129 Resp: 193381
Ion Ratio Lower Upper
129 100
127 77.3 38.1 114.3

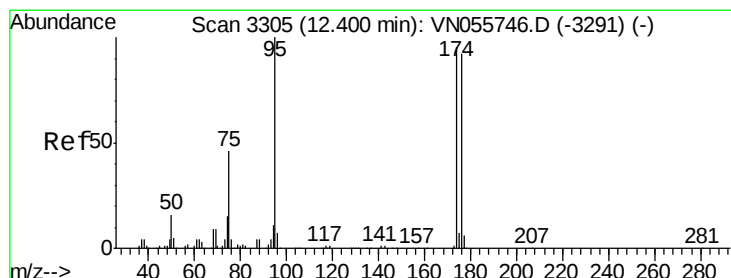
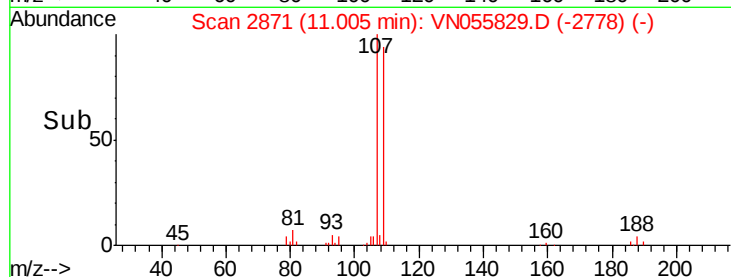
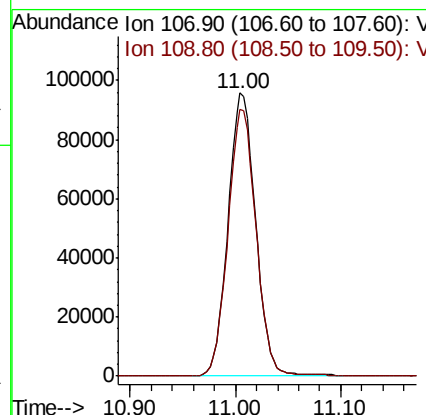
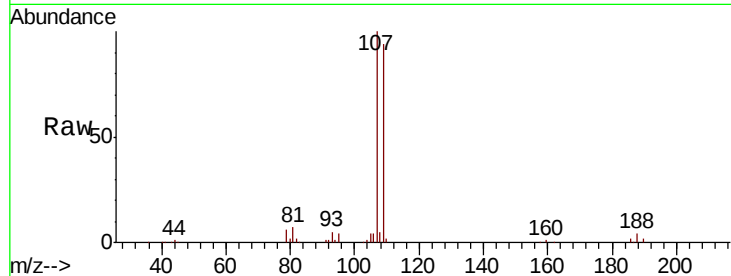




#61
 1,2-Dibromoethane
 Concen: 48.852 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. 0.00 min
 Lab File: VN055829.D
 Acq: 25 May 2019 5:54

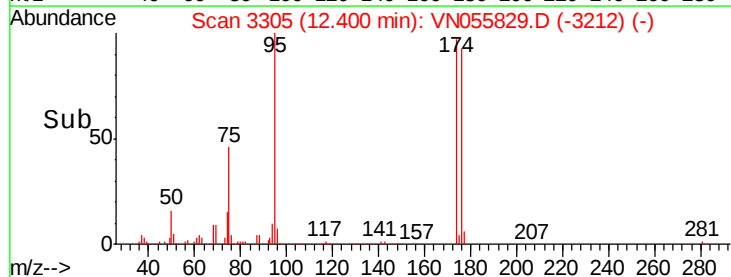
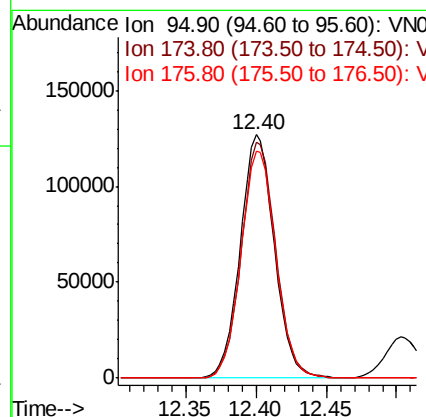
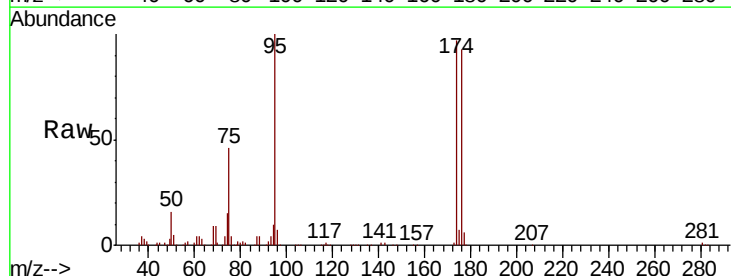
Instrument :
 MSVOA_N
 ClientSampleId :
 MW2-R1-1MS

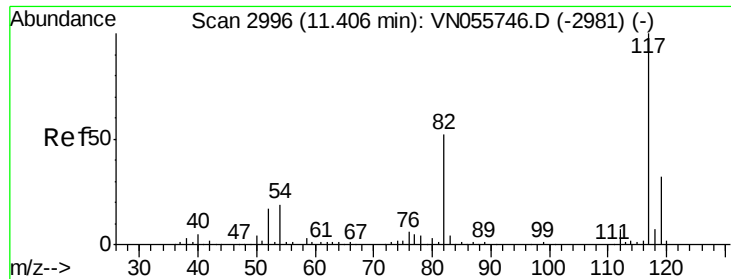
Tot Ion:107 Resp: 173158
 Ion Ratio Lower Upper
 107 100
 109 96.1 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 50.087 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN055829.D
 Acq: 25 May 2019 5:54

Tgt Ion: 95 Resp: 215089
 Ion Ratio Lower Upper
 95 100
 174 98.0 0.0 191.0
 176 95.2 0.0 185.2

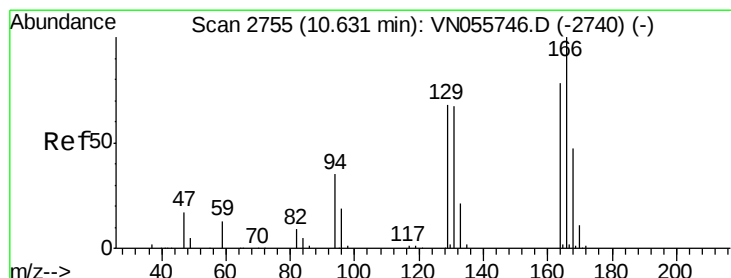
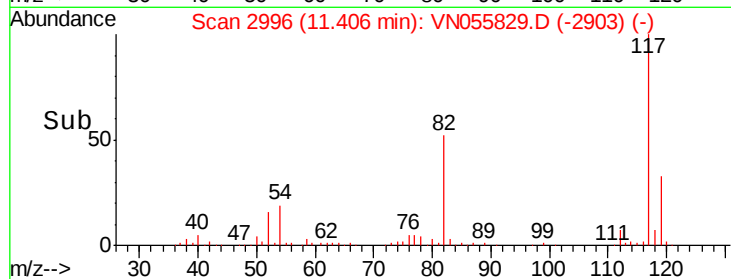
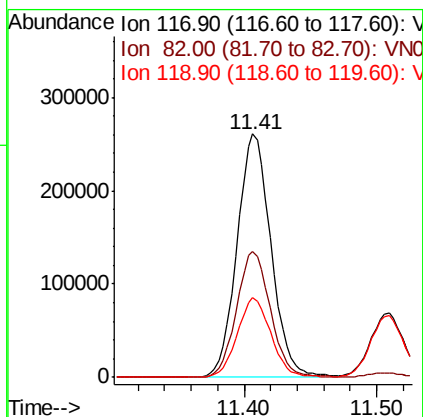
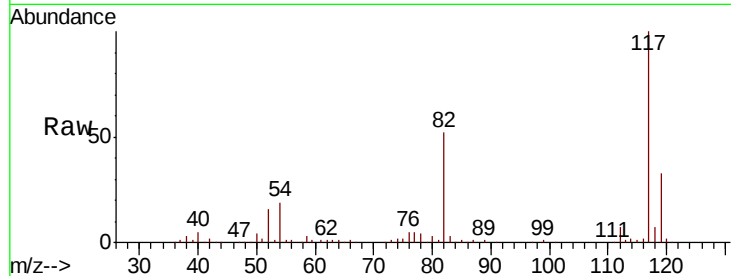




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055829.D
Acq: 25 May 2019 5:54

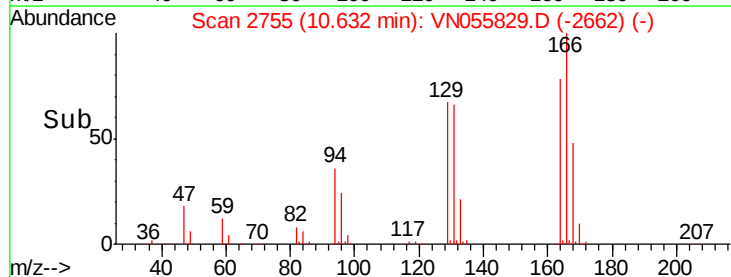
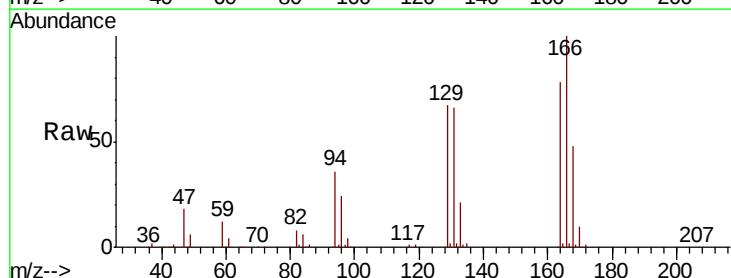
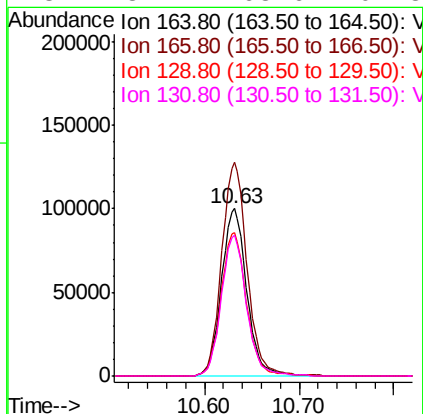
Instrument :
MSVOA_N
ClientSampleId :
MW2-R1-1MS

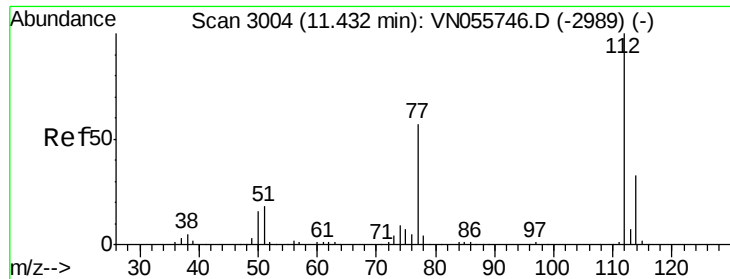
Tot Ion:117 Resp: 464323
Ion Ratio Lower Upper
117 100
82 51.9 41.8 62.8
119 32.5 25.4 38.0



#64
Tetrachloroethene
Concen: 47.592 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN055829.D
Acq: 25 May 2019 5:54

Tgt Ion:164 Resp: 186381
Ion Ratio Lower Upper
164 100
166 127.8 103.0 154.6
129 86.0 70.6 105.8
131 84.2 68.6 102.8

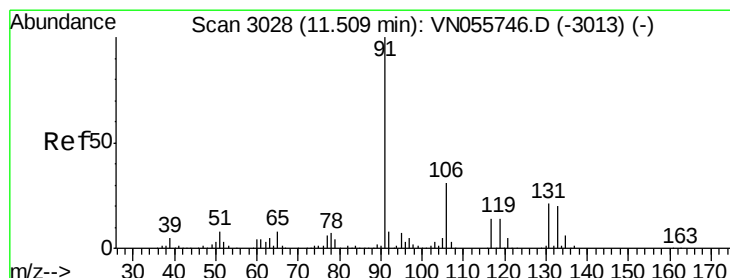
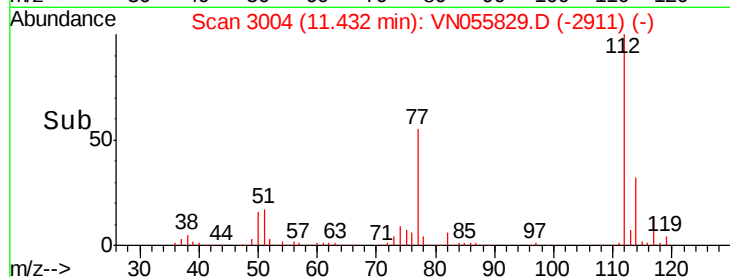
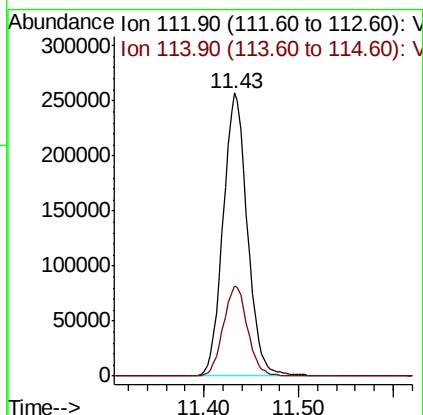
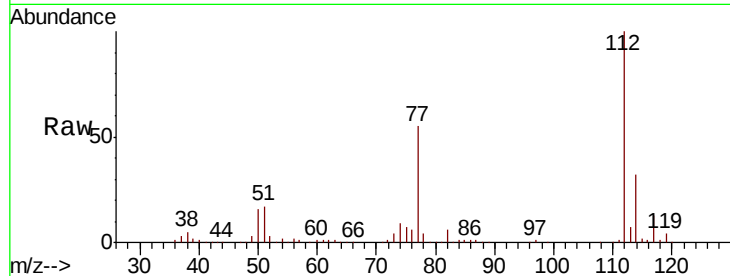




#65
Chlorobenzene
Concen: 49.341 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN055829.D
Acq: 25 May 2019 5:54

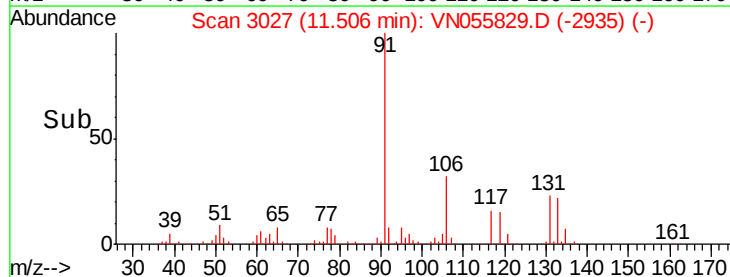
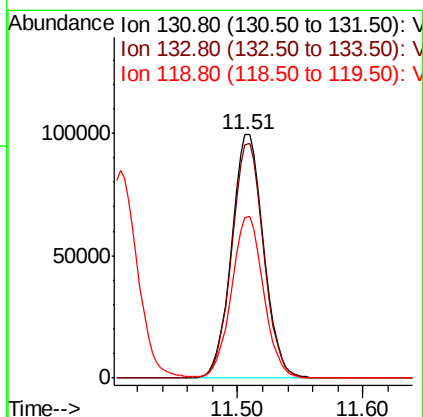
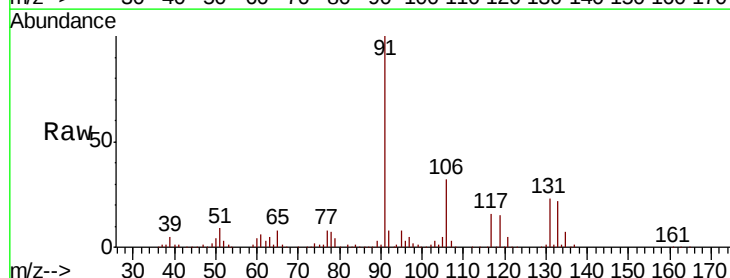
Instrument :
MSVOA_N
ClientSampleId :
MW2-R1-1MS

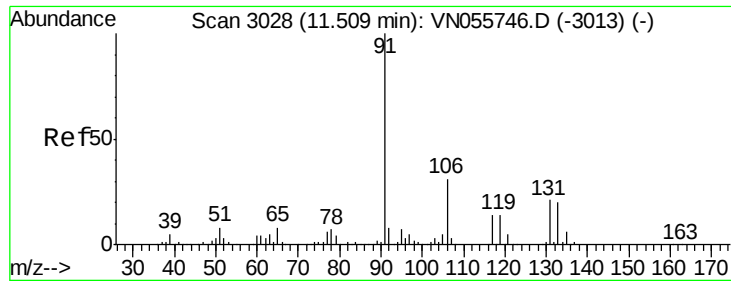
Tot Ion:112 Resp: 458633
Ion Ratio Lower Upper
112 100
114 31.8 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 47.598 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN055829.D
Acq: 25 May 2019 5:54

Tgt Ion:131 Resp: 176459
Ion Ratio Lower Upper
131 100
133 96.0 48.0 144.0
119 66.5 33.1 99.5

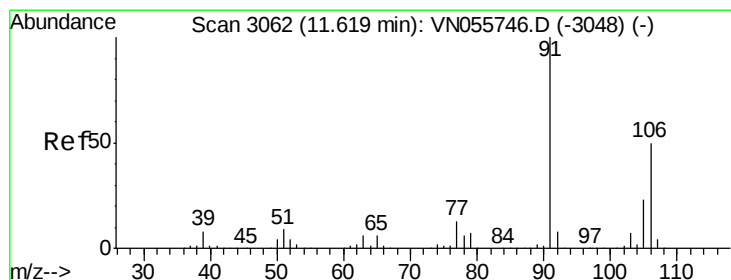
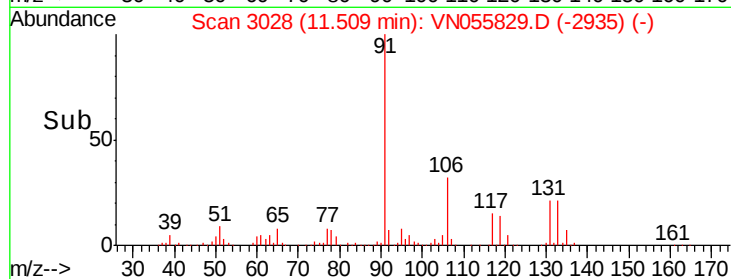
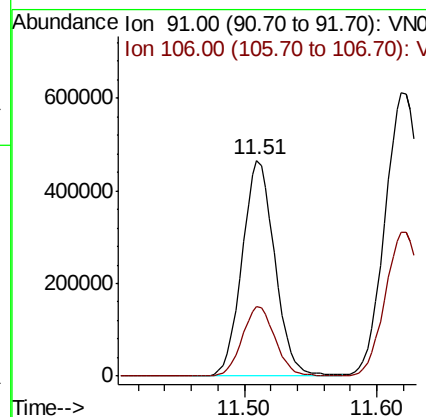
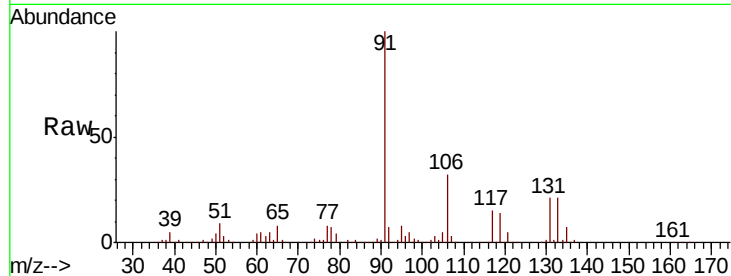




#67
Ethyl Benzene
Concen: 47.812 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055829.D
Acq: 25 May 2019 5:54

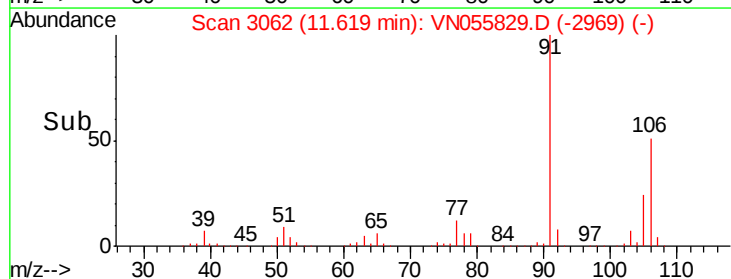
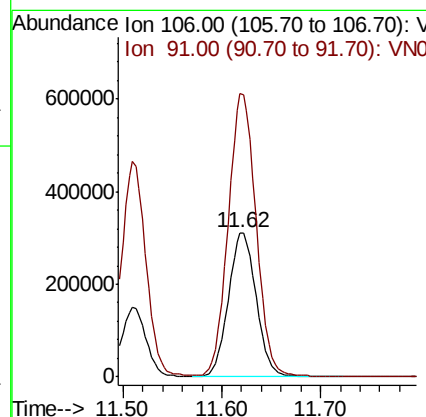
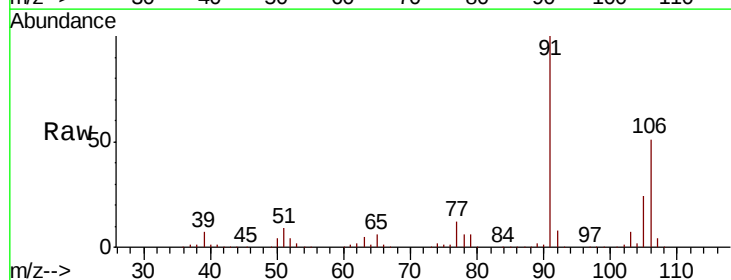
Instrument :
MSVOA_N
ClientSampleId :
MW2-R1-1MS

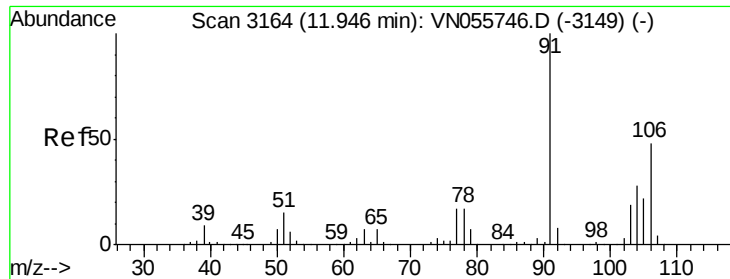
Tot Ion: 91 Resp: 796981
Ion Ratio Lower Upper
91 100
106 32.3 25.1 37.7



#68
m/p-Xylenes
Concen: 97.587 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN055829.D
Acq: 25 May 2019 5:54

Tgt Ion: 106 Resp: 614965
Ion Ratio Lower Upper
106 100
91 197.0 159.3 238.9

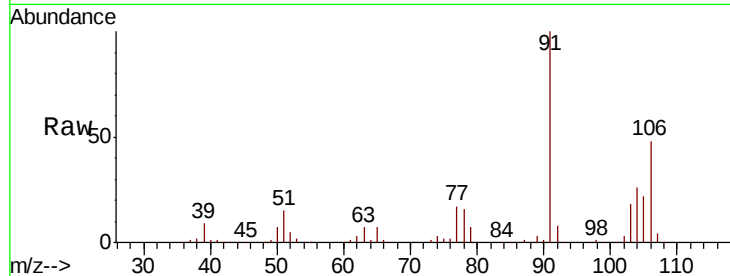




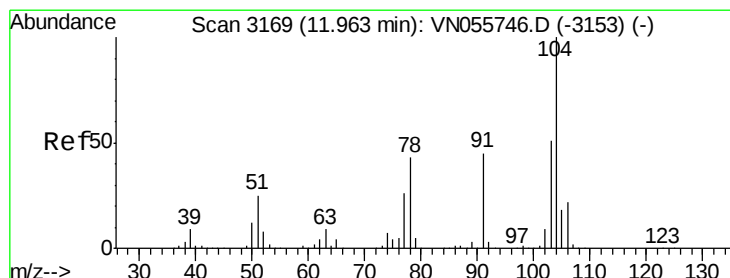
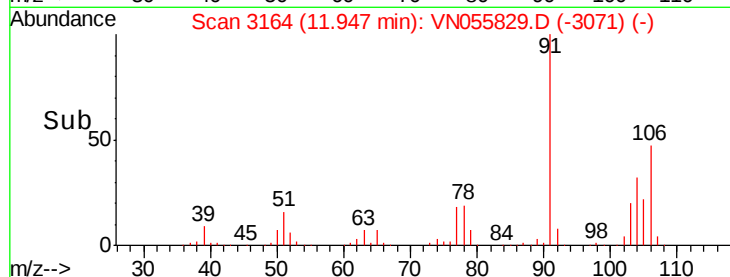
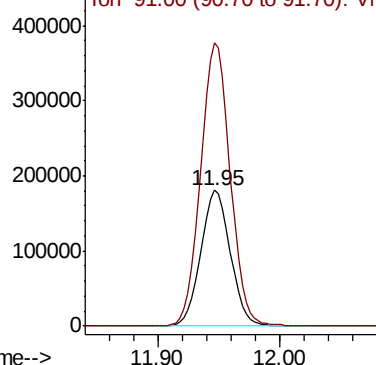
#69
o-Xylene
Concen: 48.775 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055829.D
Acq: 25 May 2019 5:54

Instrument :
MSVOA_N
ClientSampled :
MW2-R1-1MS

Tot Ion:106 Resp: 304947
Ion Ratio Lower Upper
106 100
91 208.7 104.7 314.1

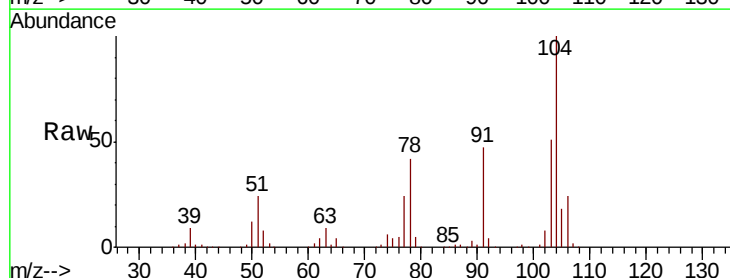


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

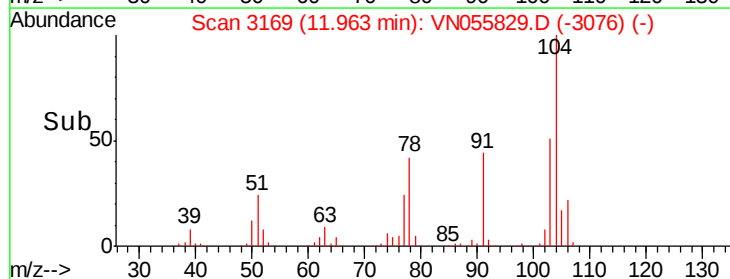
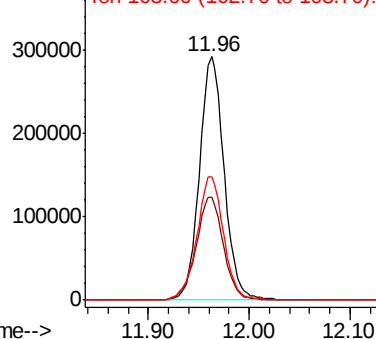


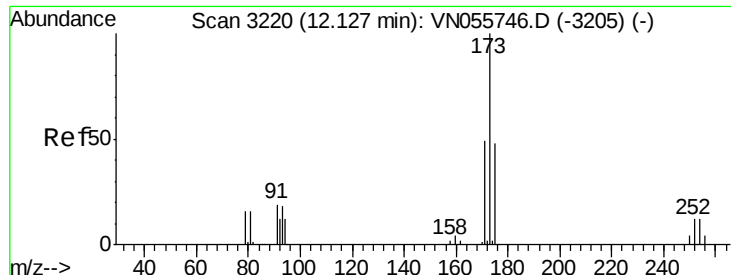
#70
Styrene
Concen: 49.306 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN055829.D
Acq: 25 May 2019 5:54

Tgt Ion:104 Resp: 499215
Ion Ratio Lower Upper
104 100
78 46.8 37.8 56.6
103 54.9 44.2 66.2



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

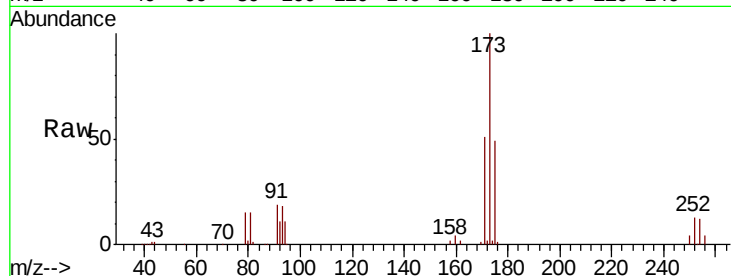




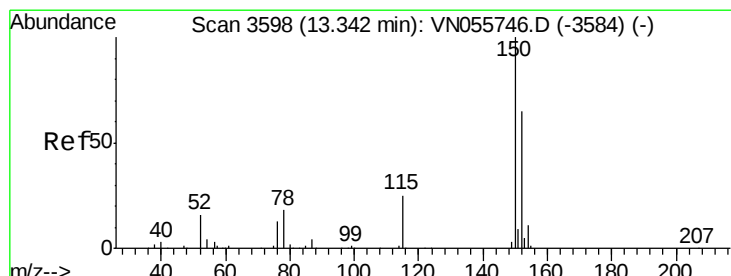
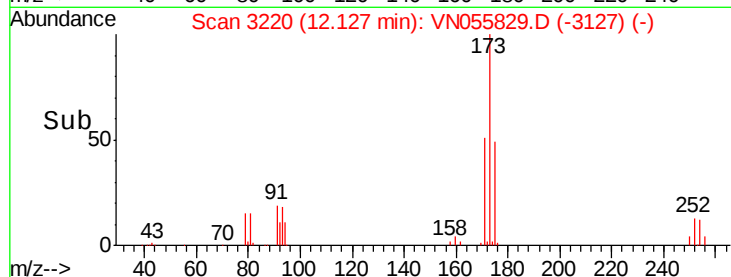
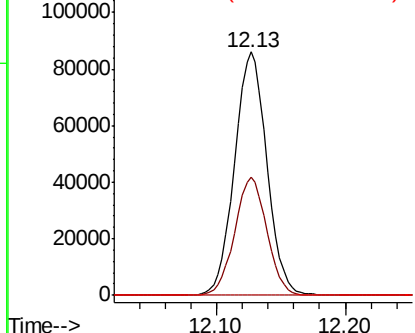
#71
Bromoform
Concen: 47.258 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN055829.D
Acq: 25 May 2019 5:54

Instrument :
MSVOA_N
ClientSampleId :
MW2-R1-1MS

Tot Ion:173 Resp: 149436
Ion Ratio Lower Upper
173 100
175 48.3 24.3 72.8
254 0.0 0.0 0.0#

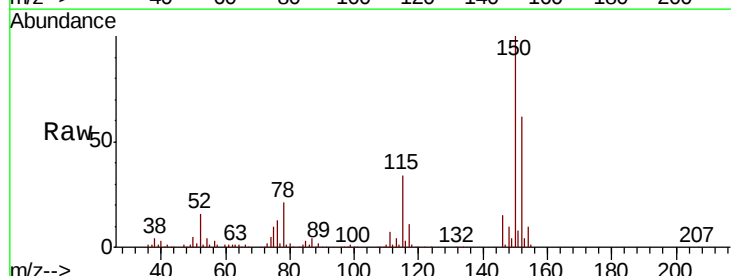


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

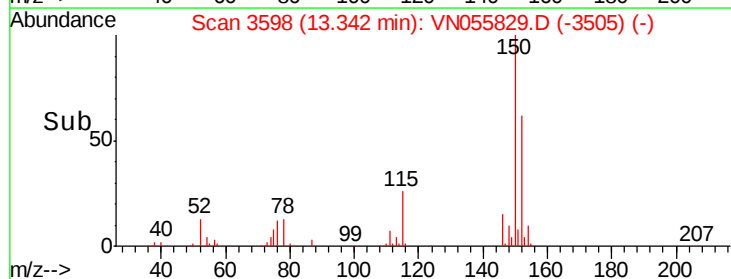
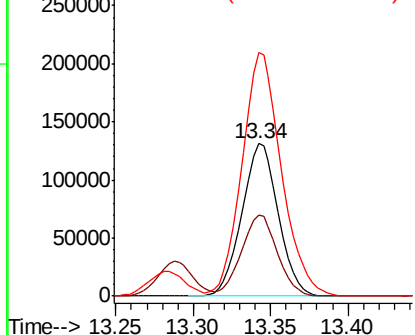


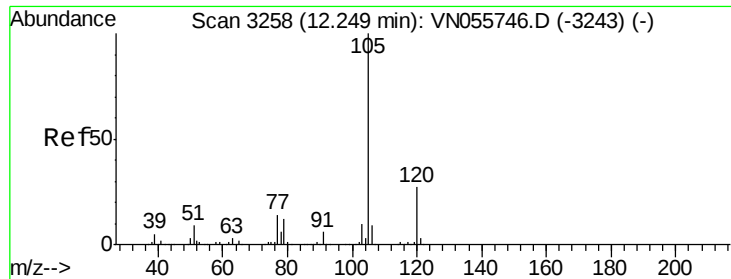
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055829.D
Acq: 25 May 2019 5:54

Tgt Ion:152 Resp: 214386
Ion Ratio Lower Upper
152 100
115 52.8 27.0 81.0
150 173.4 0.0 343.2



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





#73

Isopropylbenzene

Concen: 52.381 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055829.D

Acq: 25 May 2019 5:54

Instrument :

MSVOA_N

ClientSampleId :

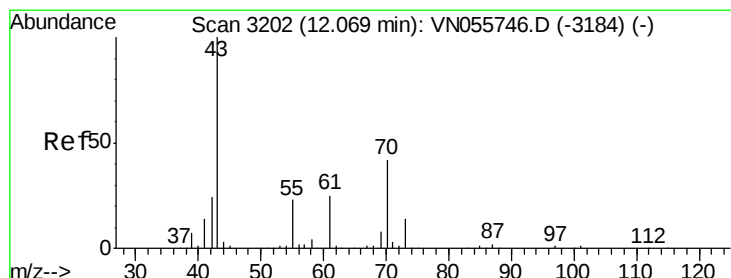
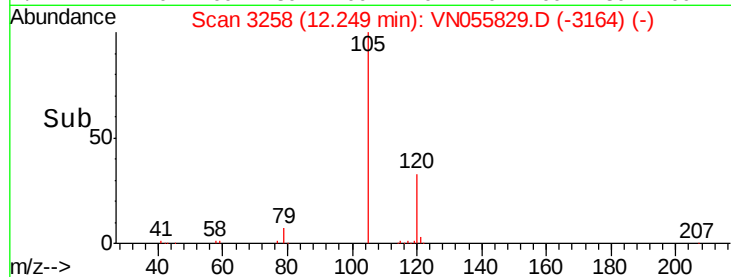
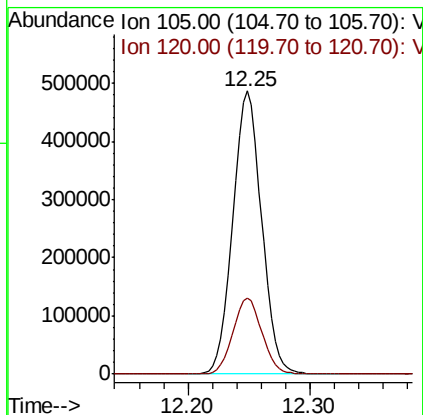
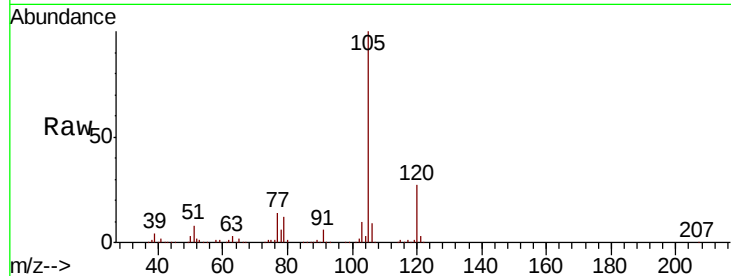
MW2-R1-1MS

Tot Ion:105 Resp: 796882

Ion Ratio Lower Upper

105 100

120 27.0 13.6 40.7



#74

N-ethyl acetate

Concen: 38.049 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN055829.D

Acq: 25 May 2019 5:54

Tgt Ion: 43 Resp: 224049

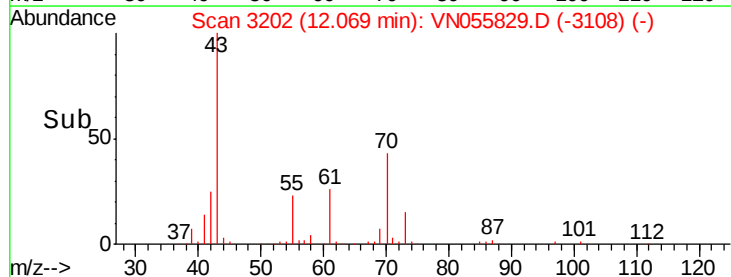
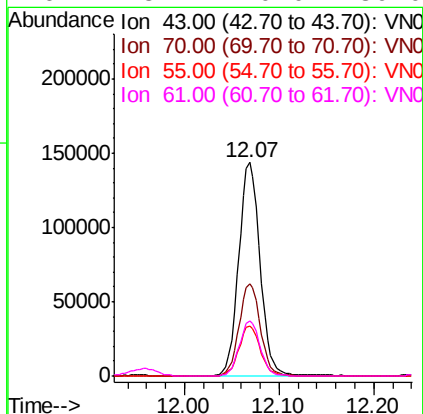
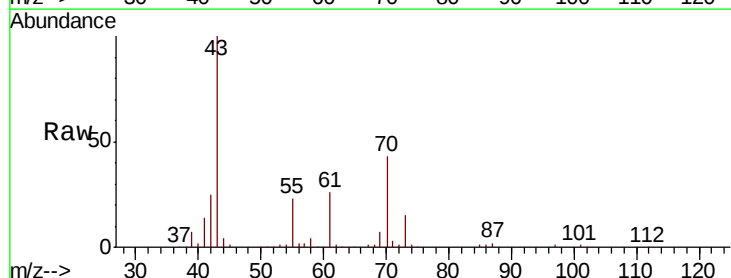
Ion Ratio Lower Upper

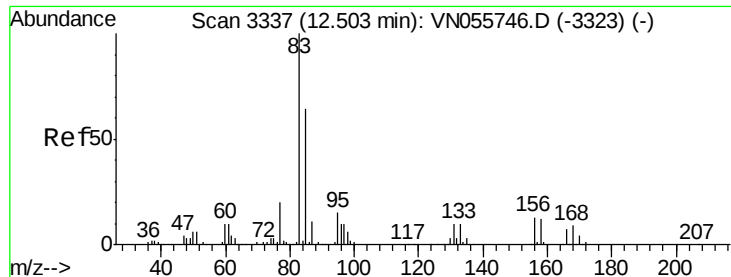
43 100

70 43.4 34.0 51.0

55 23.8 18.6 28.0

61 25.1 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 52.585 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN055829.D

Acq: 25 May 2019 5:54

Instrument :

MSVOA_N

ClientSampleId :

MW2-R1-1MS

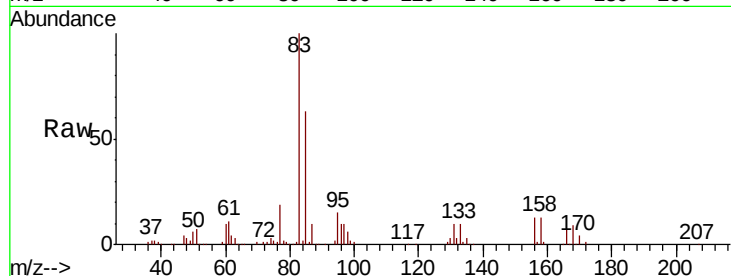
Tot Ion: 83 Resp: 236732

Ion Ratio Lower Upper

83 100

131 10.8 5.4 16.2

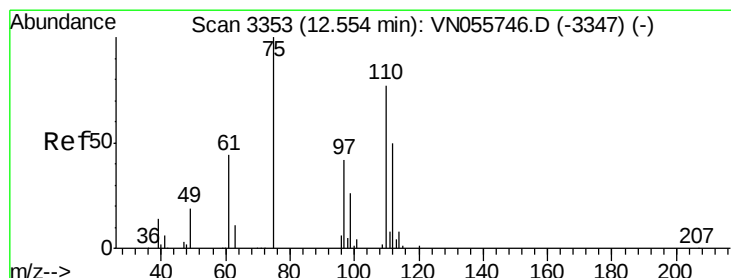
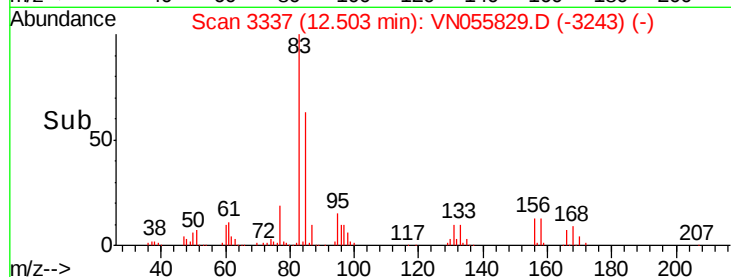
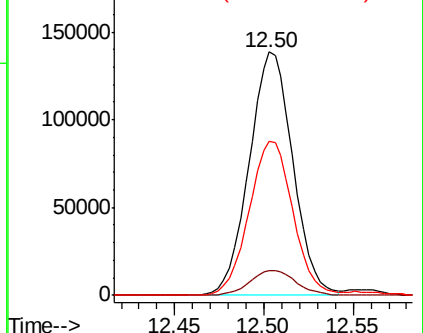
85 63.4 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN055829.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN055829.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN055829.D (-3243) (-)



#76

1,2,3-Trichloropropane

Concen: 75.557 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN055829.D

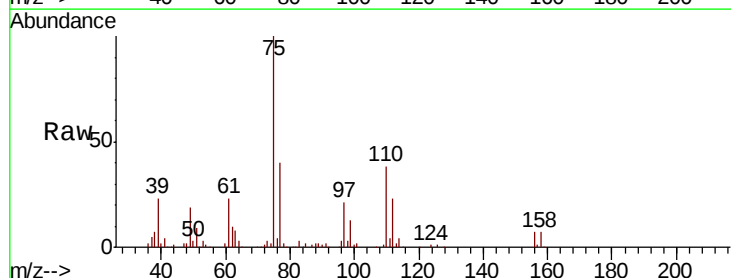
Acq: 25 May 2019 5:54

Tgt Ion: 75 Resp: 272977

Ion Ratio Lower Upper

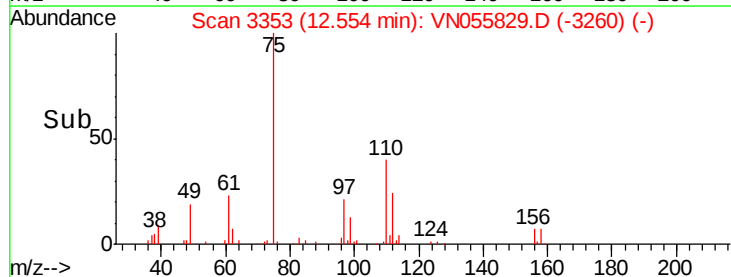
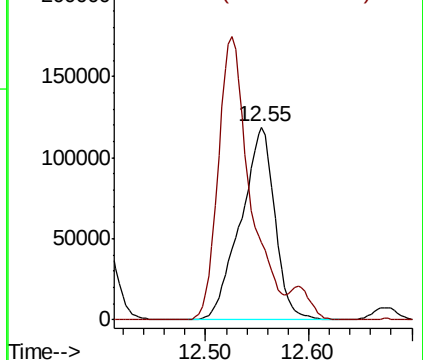
75 100

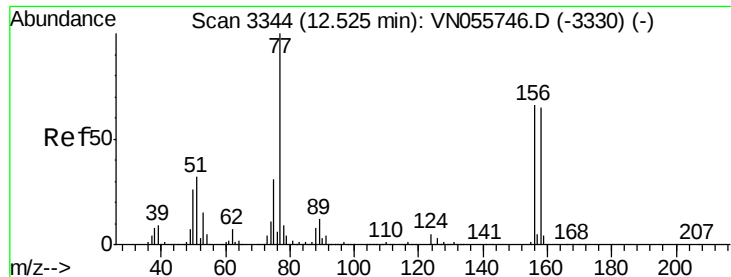
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN055829.D (-3260) (-)

Ion 77.00 (76.70 to 77.70): VN055829.D (-3260) (-)





#77

Bromobenzene

Concen: 47.819 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN055829.D

Acq: 25 May 2019 5:54

Instrument :

MSVOA_N

ClientSampleId :

MW2-R1-1MS

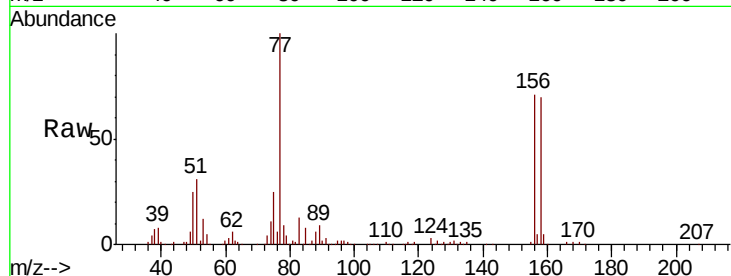
Tot Ion:156 Resp: 218764

Ion Ratio Lower Upper

156 100

77 170.8 90.8 272.5

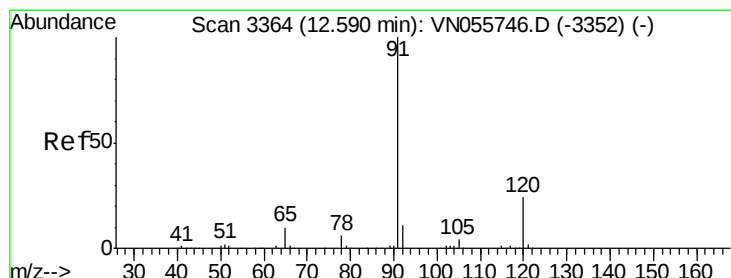
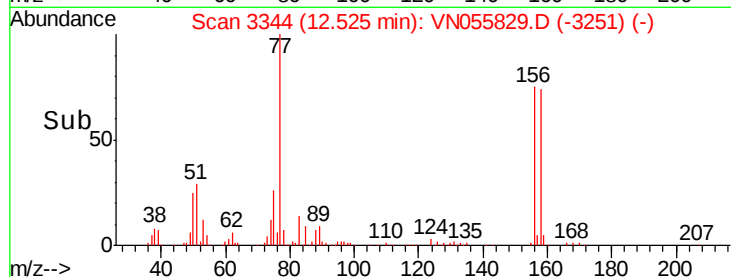
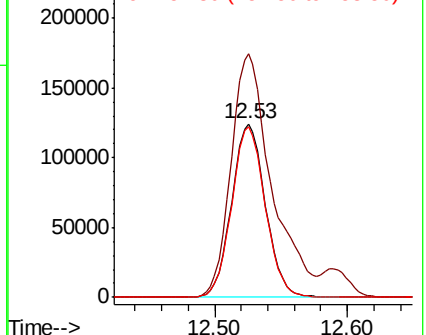
158 98.2 49.3 147.8



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: 45.215 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055829.D

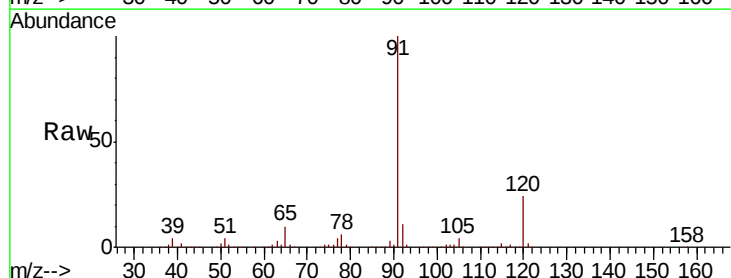
Acq: 25 May 2019 5:54

Tgt Ion: 91 Resp: 842493

Ion Ratio Lower Upper

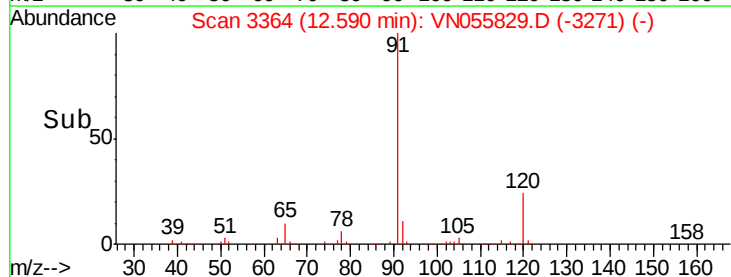
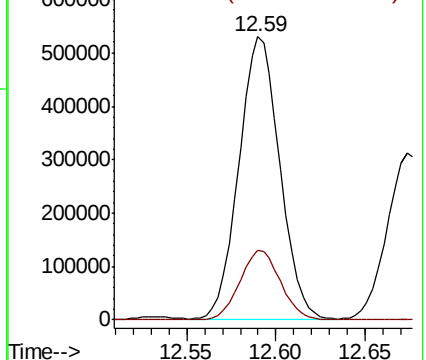
91 100

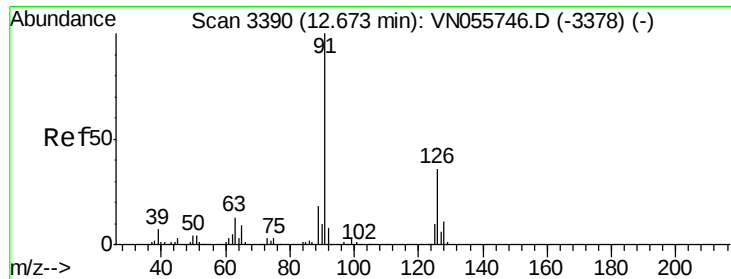
120 24.7 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.699 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN055829.D

Acq: 25 May 2019 5:54

Instrument :

MSVOA_N

ClientSampled :

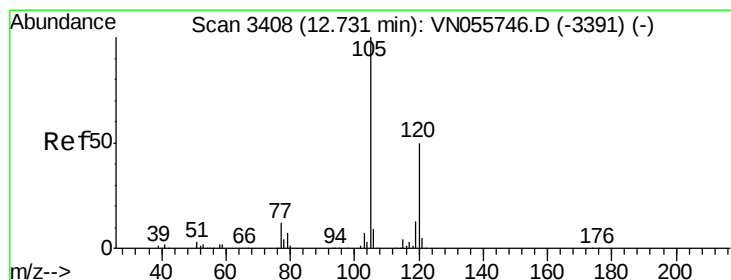
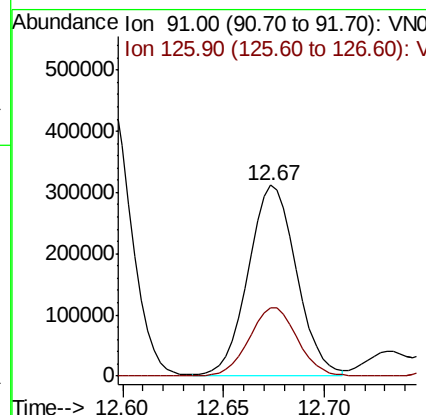
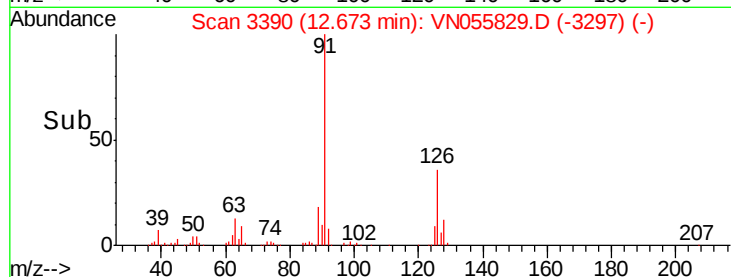
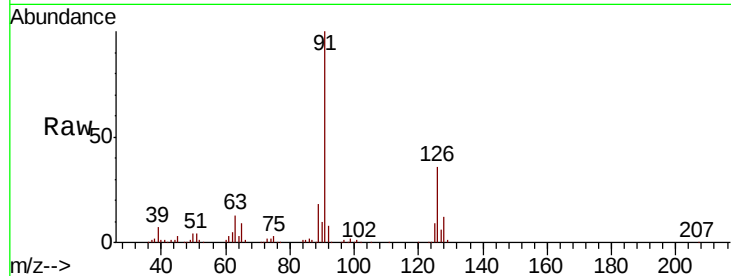
MW2-R1-1MS

Tot Ion: 91 Resp: 518010

Ion Ratio Lower Upper

91 100

126 36.4 18.1 54.4



#80

1,3,5-Trimethylbenzene

Concen: 51.174 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055829.D

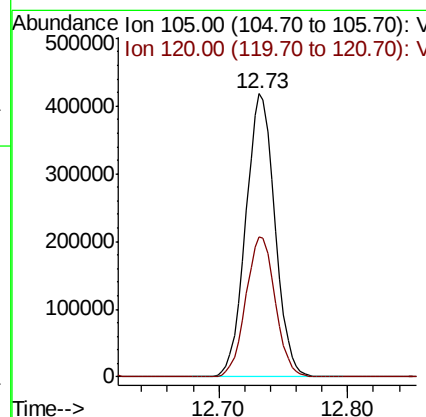
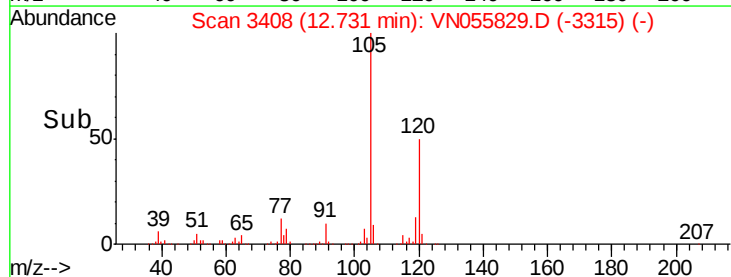
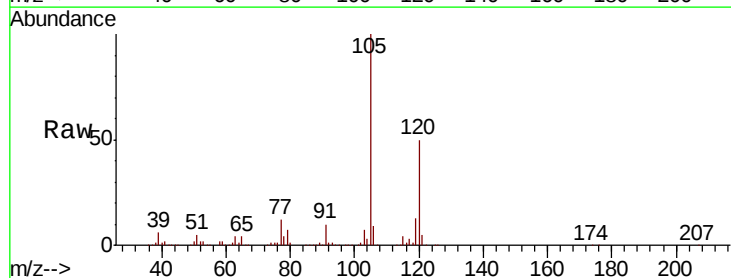
Acq: 25 May 2019 5:54

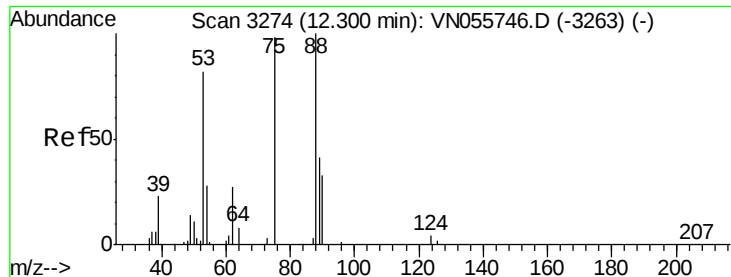
Tgt Ion: 105 Resp: 656123

Ion Ratio Lower Upper

105 100

120 49.9 24.7 74.1

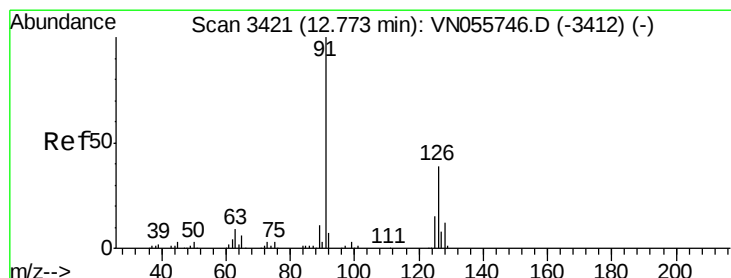
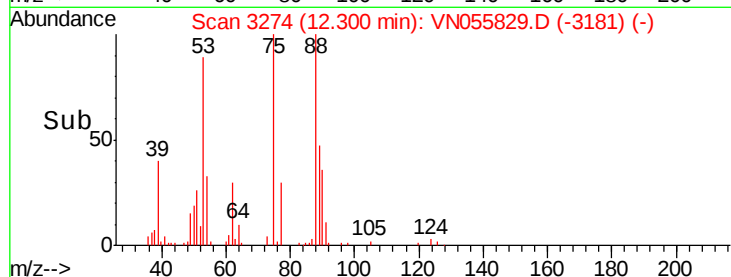
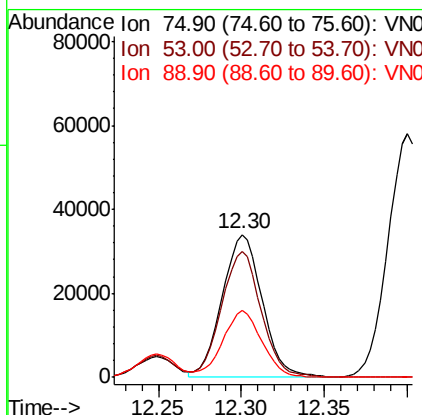
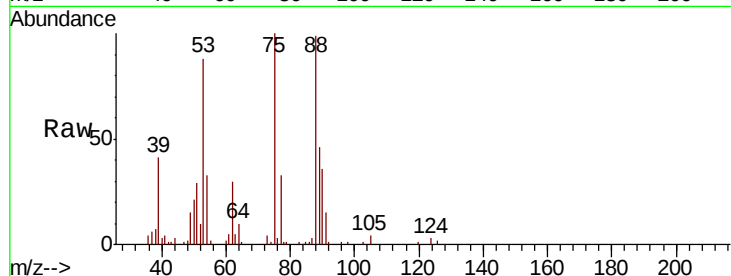




#81
trans-1,4-Dichloro-2-butene
Concen: 35.873 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. 0.00 min
Lab File: VN055829.D
Acq: 25 May 2019 5:54

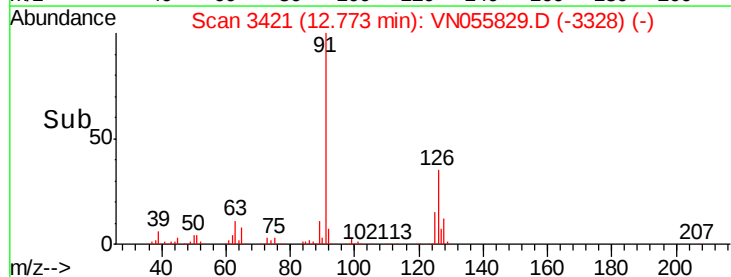
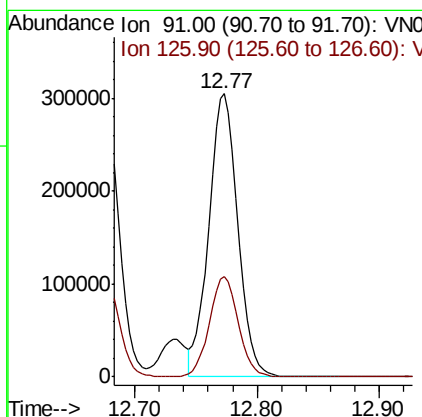
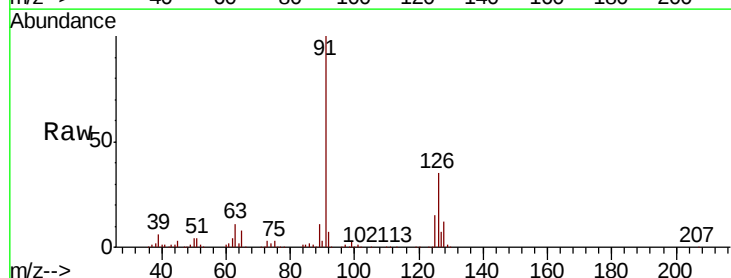
Instrument :
MSVOA_N
ClientSampleId :
MW2-R1-1MS

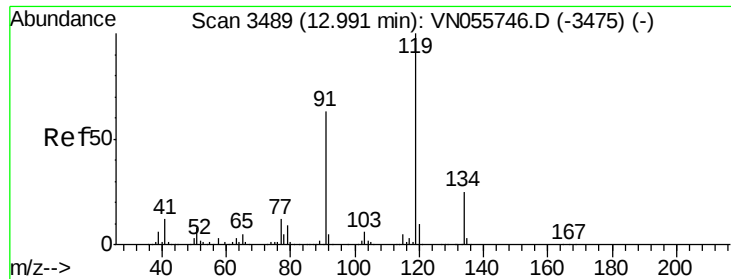
Tot Ion: 75 Resp: 57160
Ion Ratio Lower Upper
75 100
53 88.0 68.1 102.1
89 45.7 36.9 55.3



#82
4-Chlorotoluene
Concen: 46.347 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. 0.00 min
Lab File: VN055829.D
Acq: 25 May 2019 5:54

Tgt Ion: 91 Resp: 507631
Ion Ratio Lower Upper
91 100
126 35.4 17.8 53.3

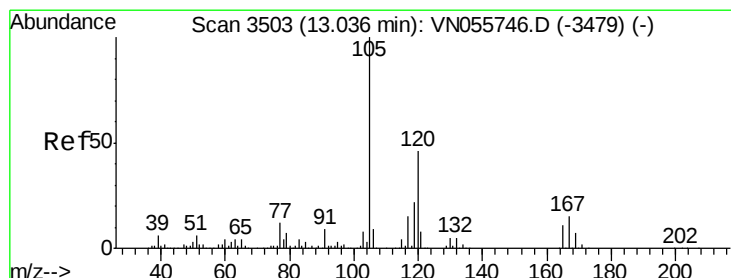
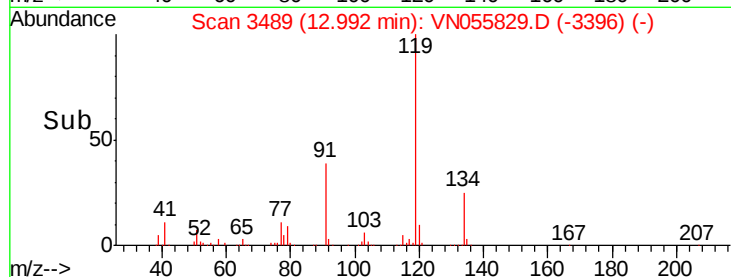
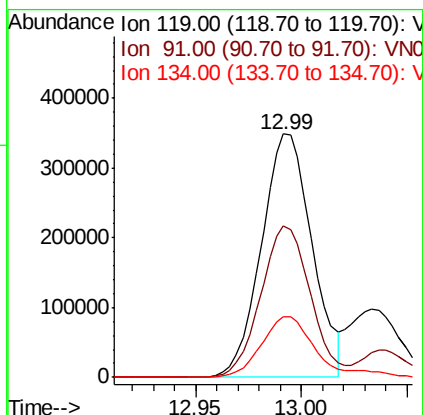
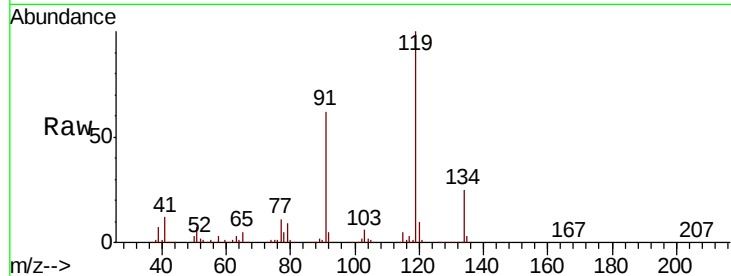




#83
 tert-Butylbenzene
 Concen: 52.746 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN055829.D
 Acq: 25 May 2019 5:54

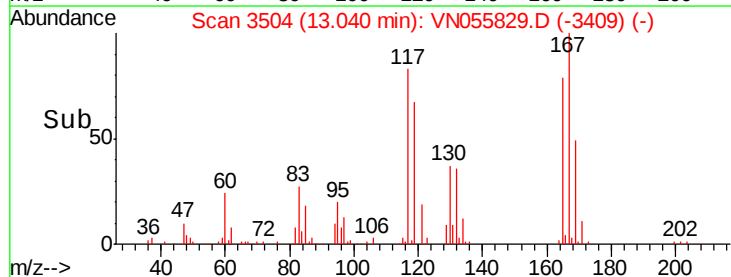
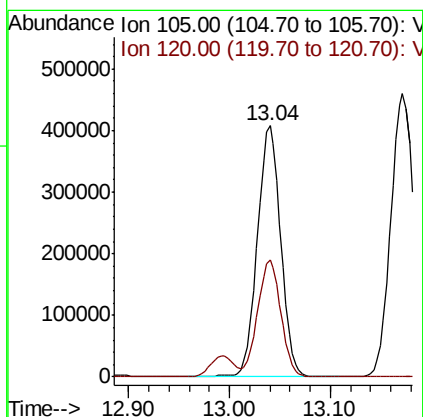
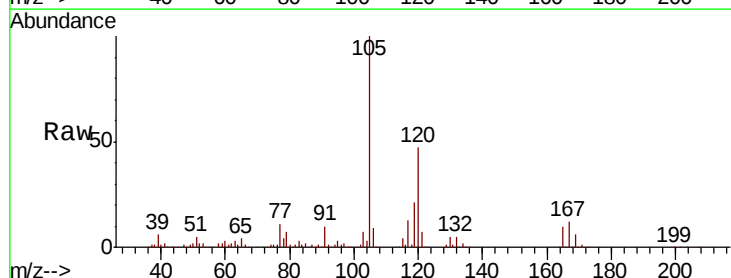
Instrument :
 MSVOA_N
 ClientSampleId :
 MW2-R1-1MS

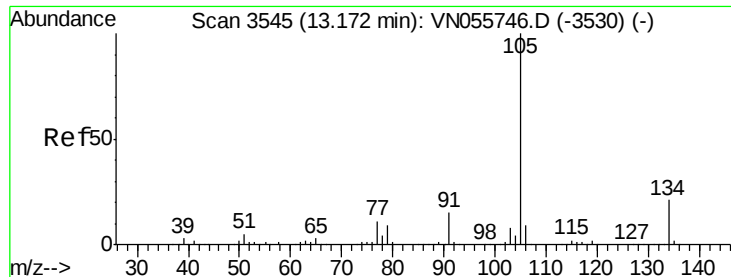
Tot Ion:119 Resp: 583411
 Ion Ratio Lower Upper
 119 100
 91 60.7 30.9 92.8
 134 26.9 13.3 39.8



#84
 1,2,4-Trimethylbenzene
 Concen: 50.839 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN055829.D
 Acq: 25 May 2019 5:54

Tgt Ion:105 Resp: 651025
 Ion Ratio Lower Upper
 105 100
 120 46.5 23.0 69.0

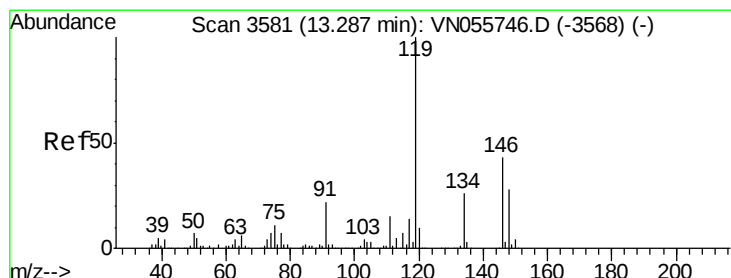
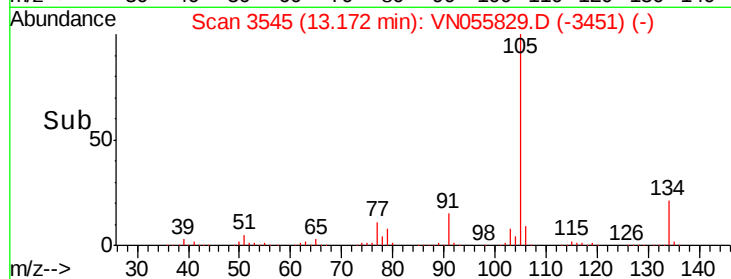
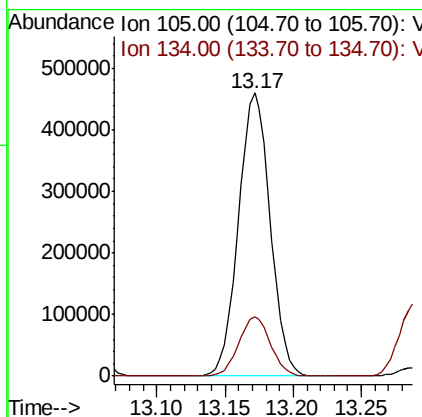
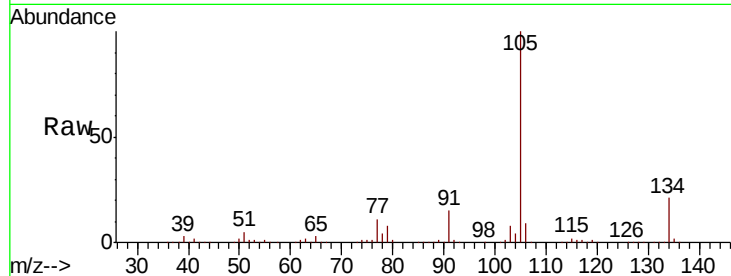




#85
 sec-Butylbenzene
 Concen: 51.324 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN055829.D
 Acq: 25 May 2019 5:54

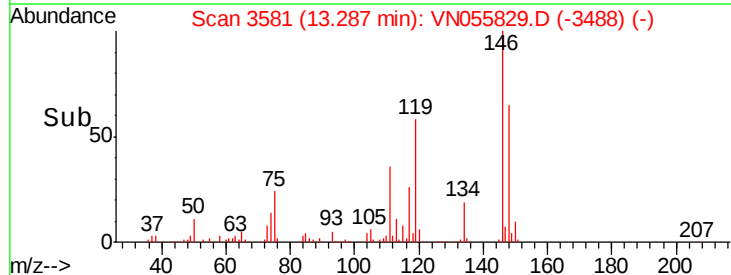
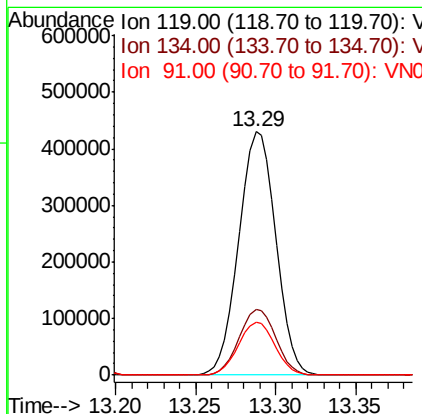
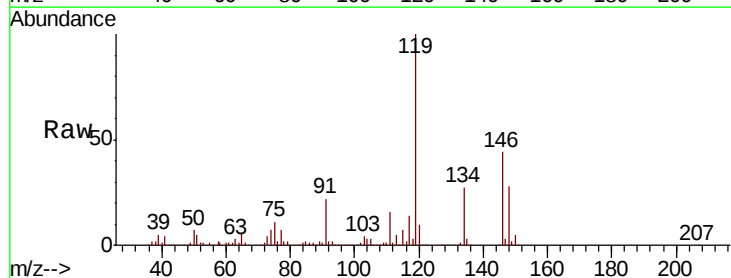
Instrument :
 MSVOA_N
 ClientSampleId :
 MW2-R1-1MS

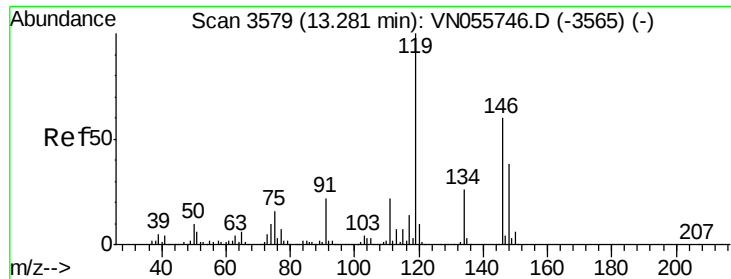
Tot Ion:105 Resp: 739805
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 45.434 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN055829.D
 Acq: 25 May 2019 5:54

Tgt Ion:119 Resp: 676434
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.4 40.1
 91 21.6 10.9 32.9

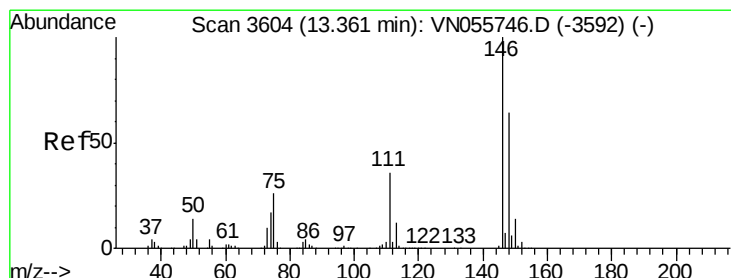
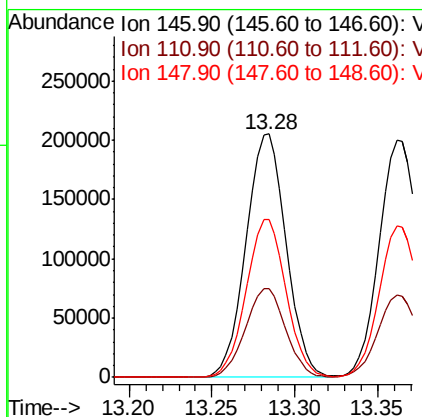
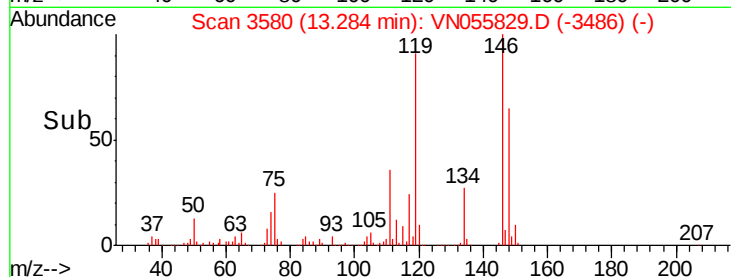
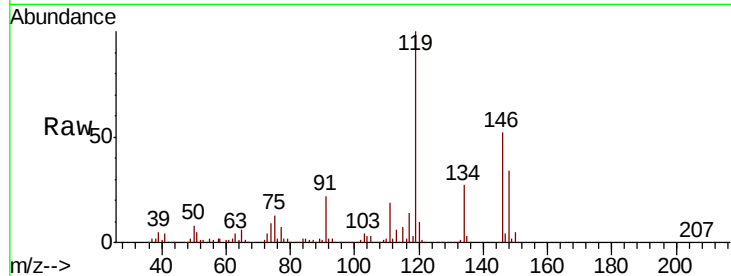




#87
 1,3-Dichlorobenzene
 Concen: 47.944 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN055829.D
 Acq: 25 May 2019 5:54

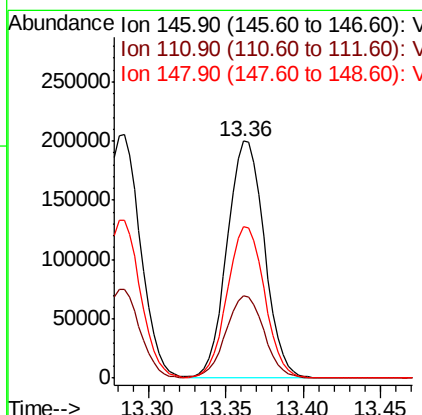
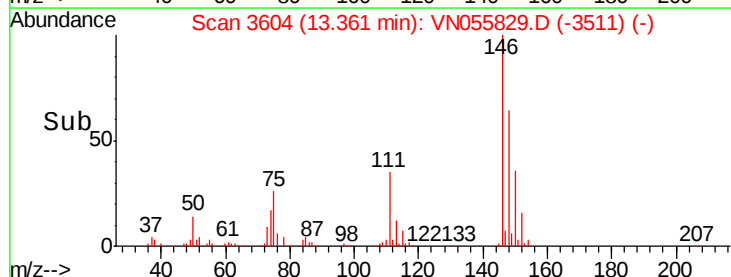
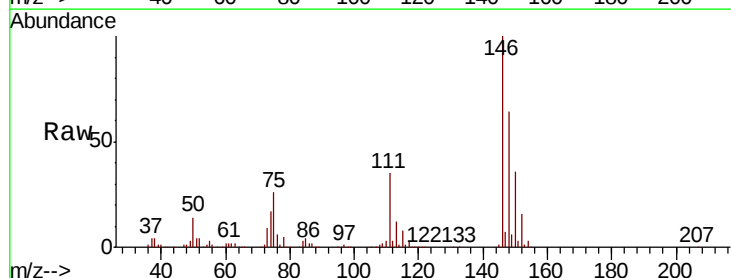
Instrument :
 MSVOA_N
 ClientSampleId :
 MW2-R1-1MS

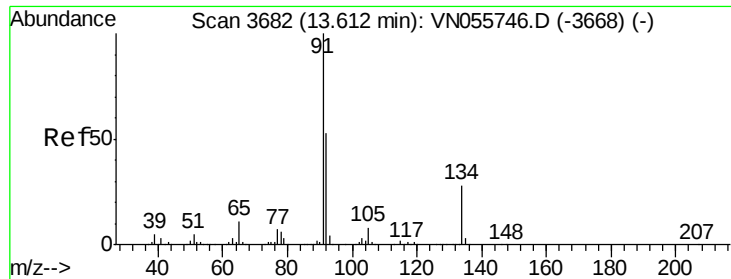
Tot Ion:146 Resp: 347303
 Ion Ratio Lower Upper
 146 100
 111 36.5 18.5 55.5
 148 64.2 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 48.647 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN055829.D
 Acq: 25 May 2019 5:54

Tgt Ion:146 Resp: 335033
 Ion Ratio Lower Upper
 146 100
 111 35.4 18.1 54.4
 148 63.9 32.1 96.5

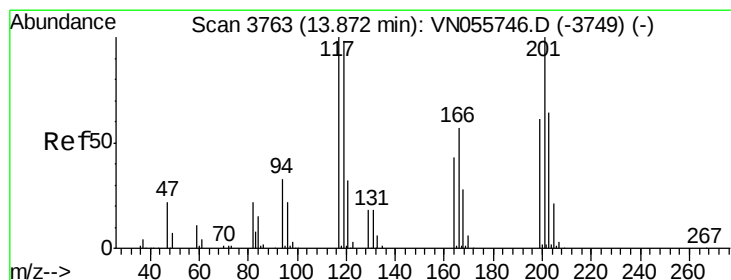
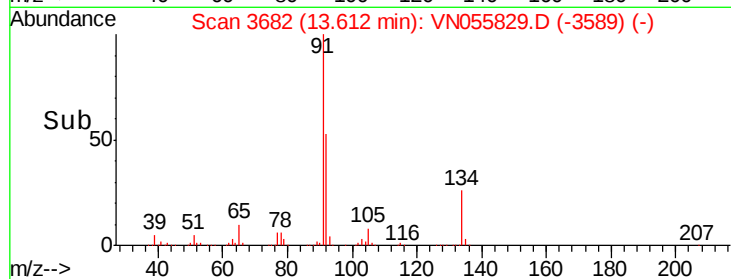
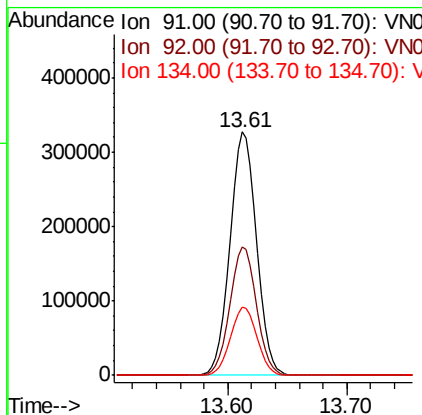
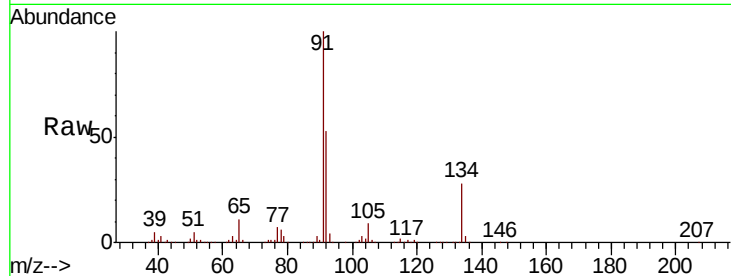




#89
n-Butylbenzene
Concen: 44.283 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN055829.D
Acq: 25 May 2019 5:54

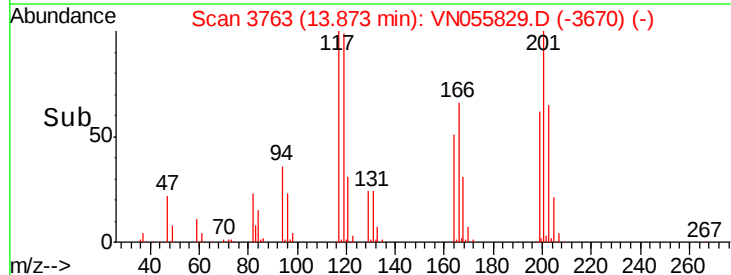
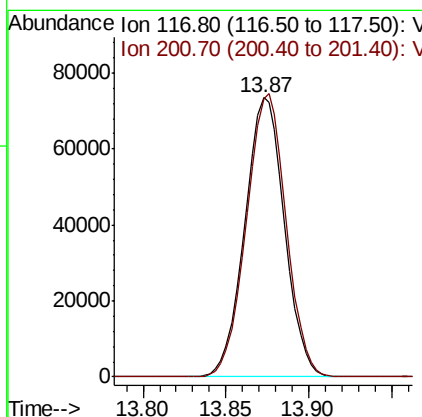
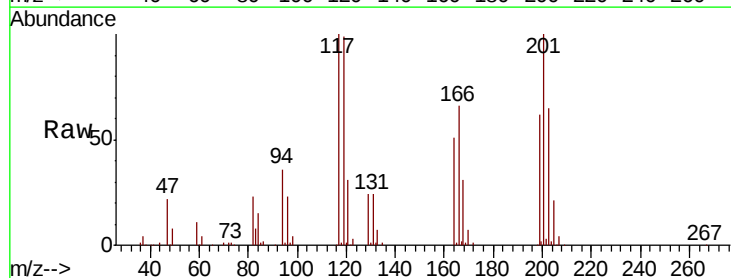
Instrument :
MSVOA_N
ClientSampleId :
MW2-R1-1MS

Tot Ion: 91 Resp: 505153
Ion Ratio Lower Upper
91 100
92 52.8 26.4 79.0
134 28.2 13.9 41.7



#90
Hexachloroethane
Concen: 43.173 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN055829.D
Acq: 25 May 2019 5:54

Tgt Ion: 117 Resp: 122344
Ion Ratio Lower Upper
117 100
201 101.5 50.0 150.0





#91

1,2-Dichlorobenzene

Concen: 48.335 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN055829.D

Acq: 25 May 2019 5:54

Instrument :

MSVOA_N

ClientSampleId :

MW2-R1-1MS

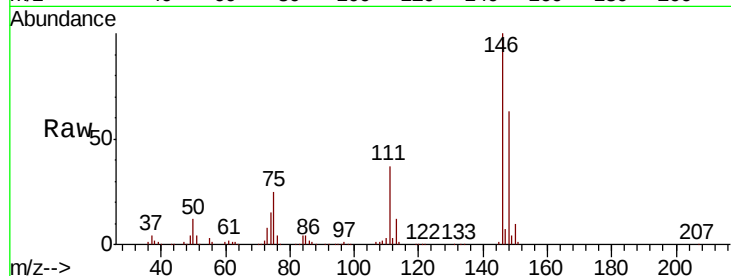
Tot Ion:146 Resp: 349325

Ion Ratio Lower Upper

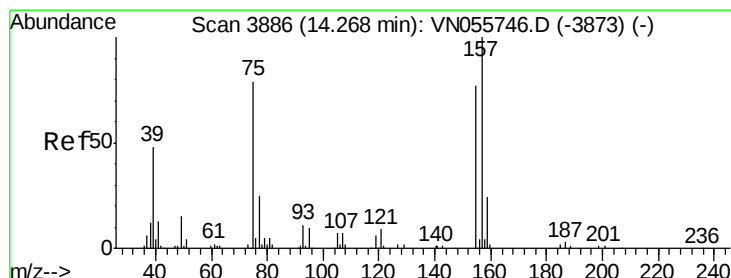
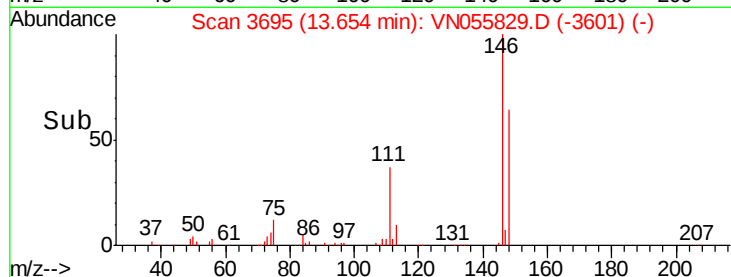
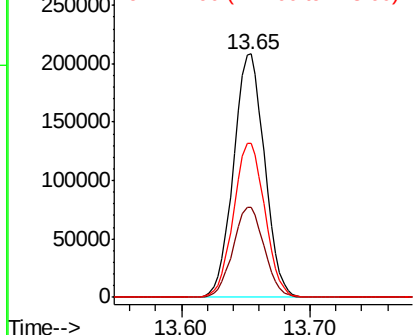
146 100

111 37.1 19.1 57.5

148 63.7 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 42.139 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN055829.D

Acq: 25 May 2019 5:54

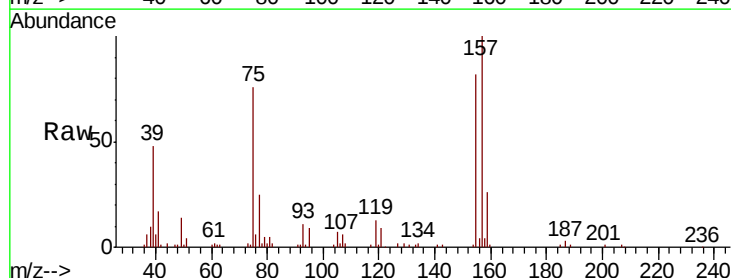
Tgt Ion: 75 Resp: 40029

Ion Ratio Lower Upper

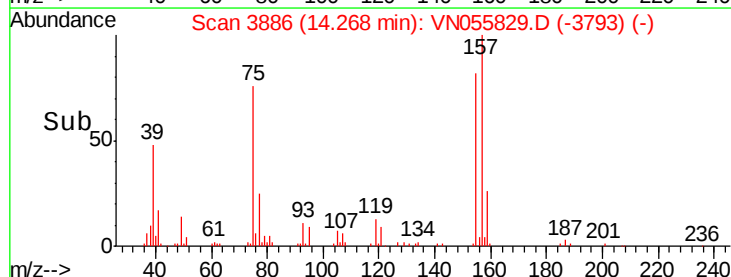
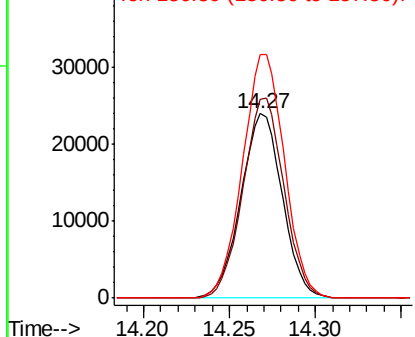
75 100

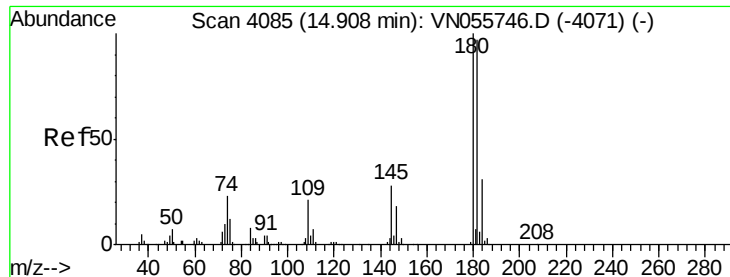
155 107.6 50.0 150.1

157 133.9 64.8 194.3



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

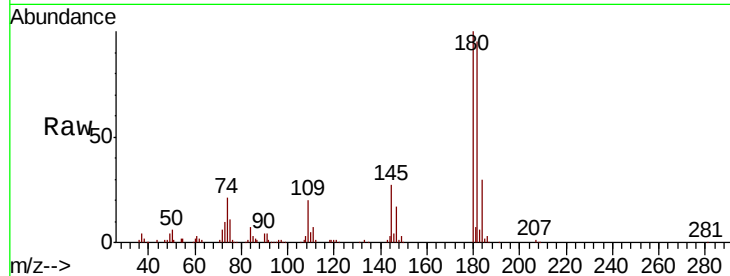




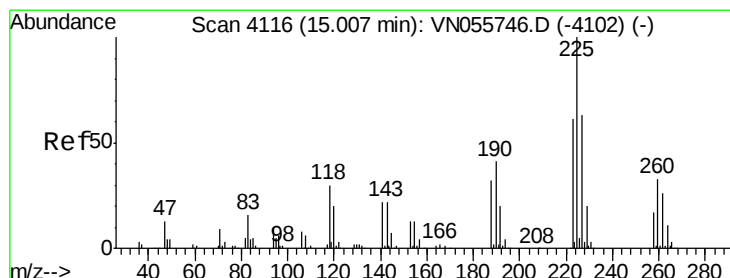
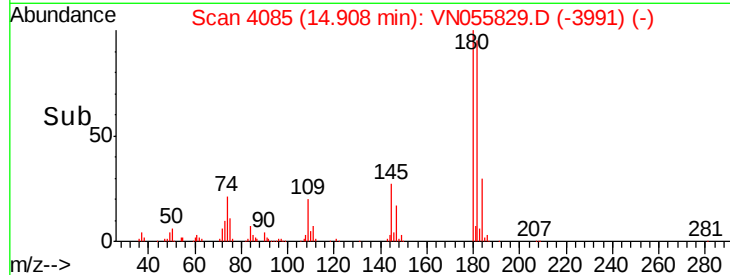
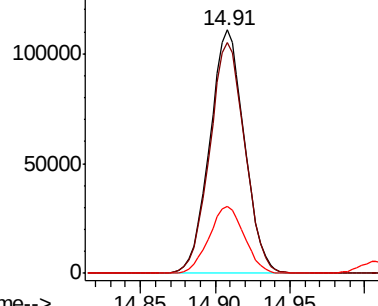
#93
 1,2,4-Trichlorobenzene
 Concen: 43.489 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN055829.D
 Acq: 25 May 2019 5:54

Instrument :
 MSVOA_N
 ClientSampleId :
 MW2-R1-1MS

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.8	48.3	144.9
145	27.9	14.0	41.9

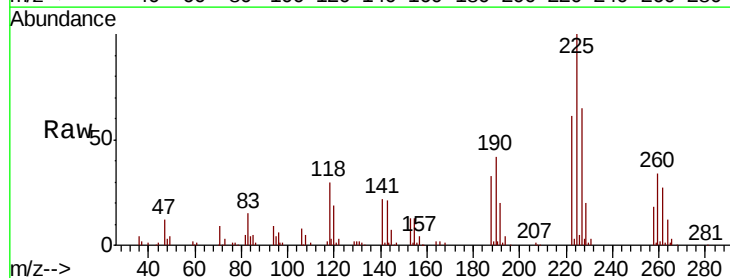


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

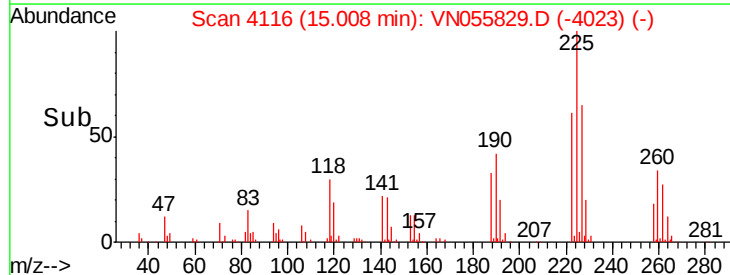
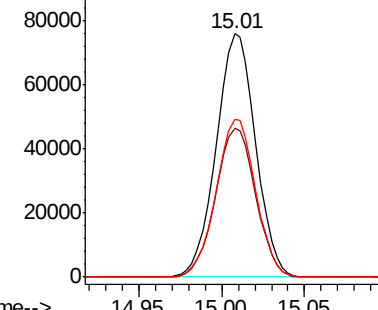


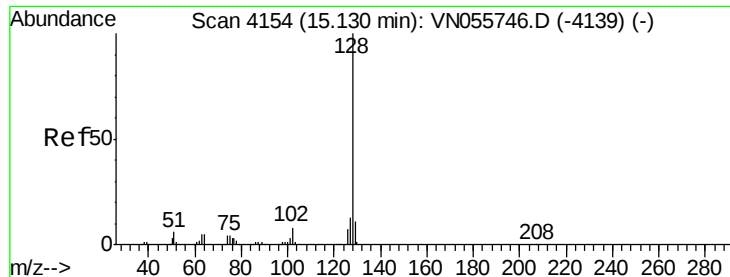
#94
 Hexachlorobutadiene
 Concen: 49.062 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN055829.D
 Acq: 25 May 2019 5:54

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	30.9	92.7
227	65.0	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: 47.478 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN055829.D

Acq: 25 May 2019 5:54

Instrument :

MSVOA_N

ClientSampleId :

MW2-R1-1MS

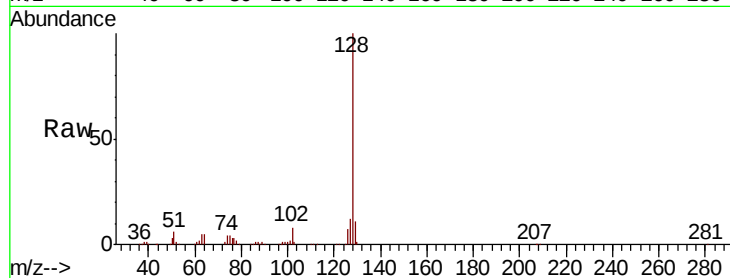
Tot Ion:128 Resp: 470850

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

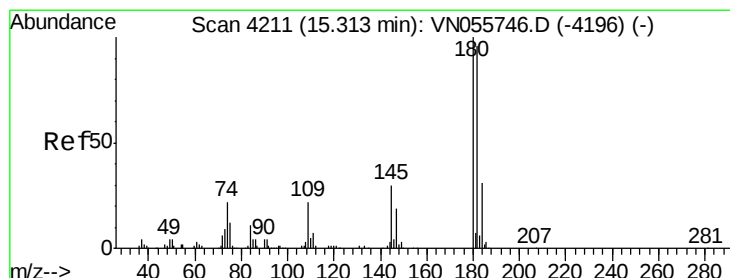
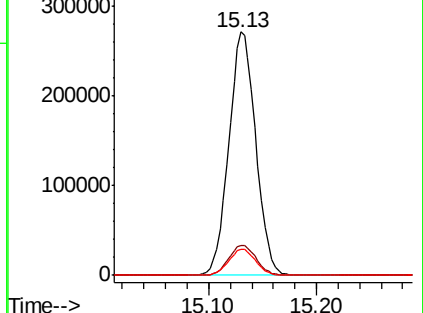
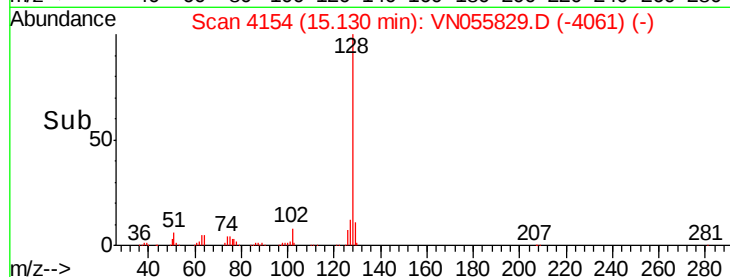
129 10.8 8.7 13.1



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: 48.919 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN055829.D

Acq: 25 May 2019 5:54

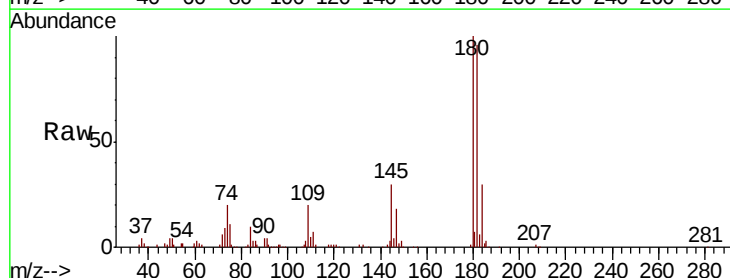
Tgt Ion:180 Resp: 186889

Ion Ratio Lower Upper

180 100

182 95.7 47.9 143.7

145 29.4 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

