

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042719\
 Data File : VN055272.D
 Acq On : 26 Apr 2019 13:34
 Operator : JC/SP
 Sample : VN0427WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0427WBS01

Quant Time: Apr 27 01:59:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042219W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 05:52:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	379242	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	623293	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	538925	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	196592	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	273541	53.29	ug/l	0.00
Spiked Amount			Recovery	=	106.58%	
35) Dibromofluoromethane	7.59	113	211852	50.03	ug/l	0.00
Spiked Amount			Recovery	=	100.06%	
50) Toluene-d8	10.09	98	775101	49.40	ug/l	0.00
Spiked Amount			Recovery	=	98.80%	
62) 4-Bromofluorobenzene	12.40	95	241280	48.56	ug/l	0.00
Spiked Amount			Recovery	=	97.12%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	106361	21.782	ug/l	100
3) Chloromethane	2.06	50	124319	20.778	ug/l	99
4) Vinyl Chloride	2.19	62	98465	20.537	ug/l	98
5) Bromomethane	2.56	94	54367	19.554	ug/l	99
6) Chloroethane	2.70	64	51731	20.472	ug/l	100
7) Trichlorofluoromethane	3.02	101	142298	21.810	ug/l	99
8) Diethyl Ether	3.41	74	50796	21.813	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.76	101	82005	20.142	ug/l	99
10) Methyl Iodide	3.95	142	119727	20.971	ug/l	99
11) Tert butyl alcohol	4.80	59	36036	120.248	ug/l #	83
12) 1,1-Dichloroethene	3.74	96	81415	20.866	ug/l	99
13) Acrolein	3.61	56	43262	102.148	ug/l	99
14) Allyl chloride	4.33	41	166081	21.532	ug/l	99
15) Acrylonitrile	4.99	53	191534	116.539	ug/l	99
16) Acetone	3.82	43	149931	88.355	ug/l	98
17) Carbon Disulfide	4.06	76	210642	19.311	ug/l	100
18) Methyl Acetate	4.33	43	91179	24.429	ug/l	96
19) Methyl tert-butyl Ether	5.05	73	239104	22.165	ug/l	99
20) Methylene Chloride	4.55	84	97132	19.911	ug/l	99
21) trans-1,2-Dichloroethene	5.05	96	85480	20.892	ug/l	97
22) Diisopropyl ether	5.95	45	340853	22.169	ug/l	96
23) Vinyl Acetate	5.90	43	1193452	115.511	ug/l	99
24) 1,1-Dichloroethane	5.85	63	176334	21.322	ug/l	99
25) 2-Butanone	6.84	43	234167	106.888	ug/l	100
26) 2,2-Dichloropropane	6.83	77	112156	20.041	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	100289	21.264	ug/l	100
28) Bromochloromethane	7.20	49	93921	22.279	ug/l	97
29) Tetrahydrofuran	7.21	42	158066	117.348	ug/l	100
30) Chloroform	7.37	83	166345	21.146	ug/l	97
31) Cyclohexane	7.65	56	161412	20.069	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	134732	21.319	ug/l	99
36) 1,1-Dichloropropene	7.79	75	122453	21.167	ug/l	99
37) Ethyl Acetate	6.93	43	102490	21.952	ug/l	97
38) Carbon Tetrachloride	7.77	117	111415	20.566	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	128959	18.685	ug/l	99
40) Benzene	8.04	78	372085	20.835	ug/l	97
41) Methacrylonitrile	7.18	41	53479	21.849	ug/l	95
42) 1,2-Dichloroethane	8.13	62	132546	21.275	ug/l	99
43) Isopropyl Acetate	8.17	43	167138	22.107	ug/l #	89
44) Trichloroethene	8.84	130	92202	20.427	ug/l	99
45) 1,2-Dichloropropane	9.12	63	105748	20.978	ug/l	93
46) Dibromomethane	9.21	93	60019	20.799	ug/l	97
47) Bromodichloromethane	9.40	83	124156	21.492	ug/l	96
48) Methyl methacrylate	9.20	41	79728	21.740	ug/l	95
49) 1,4-Dioxane	9.20	88	18697	441.474	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	485423	111.580	ug/l	100
52) Toluene	10.16	92	216975	20.725	ug/l	97
53) t-1,3-Dichloropropene	10.38	75	111002	20.938	ug/l	97
54) cis-1,3-Dichloropropene	9.84	75	137423	20.888	ug/l	96
55) 1,1,2-Trichloroethane	10.56	97	83039	21.514	ug/l	99
56) Ethyl methacrylate	10.43	69	104915	21.820	ug/l	99
57) 1,3-Dichloropropane	10.71	76	144578	21.530	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	133946	80.317	ug/l	100
59) 2-Hexanone	10.75	43	304274	110.728	ug/l	100
60) Dibromochloromethane	10.90	129	83456	20.992	ug/l	98
61) 1,2-Dibromoethane	11.00	107	78008	21.497	ug/l	100
64) Tetrachloroethene	10.63	164	88170	20.055	ug/l	98
65) Chlorobenzene	11.43	112	220938	20.085	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	83825	20.561	ug/l	99
67) Ethyl Benzene	11.51	91	401294	20.480	ug/l	100
68) m/p-Xylenes	11.62	106	287358	40.889	ug/l	100
69) o-Xylene	11.95	106	139294	19.972	ug/l	96
70) Styrene	11.96	104	225449	20.854	ug/l	99
71) Bromoform	12.13	173	48693	20.014	ug/l #	96
73) Isopropylbenzene	12.25	105	376510	22.599	ug/l	100
74) N-amyl acetate	12.07	43	113305	22.355	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	102473	24.380	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	115158	28.874	ug/l #	100
77) Bromobenzene	12.53	156	89016	20.510	ug/l	98
78) n-propylbenzene	12.59	91	396837	20.128	ug/l	100
79) 2-Chlorotoluene	12.67	91	247723	19.898	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	299345	20.340	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	21505	20.440	ug/l	97
82) 4-Chlorotoluene	12.77	91	233447	20.381	ug/l	99
83) tert-Butylbenzene	12.99	119	256798	21.990	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	278461	20.050	ug/l	99
85) sec-Butylbenzene	13.17	105	321477	19.309	ug/l	98
86) p-Isopropyltoluene	13.29	119	269575	19.653	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	131731	19.772	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	128382	19.792	ug/l	98
89) n-Butylbenzene	13.61	91	187113	18.404	ug/l	97
90) Hexachloroethane	13.87	117	45319	18.629	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	132956	19.429	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.26	75	12886	21.586	ug/l	91

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Quant Title : SW846 8260
QLast Update : Tue Apr 23 05:52:53 2019
Response via : Initial Calibration

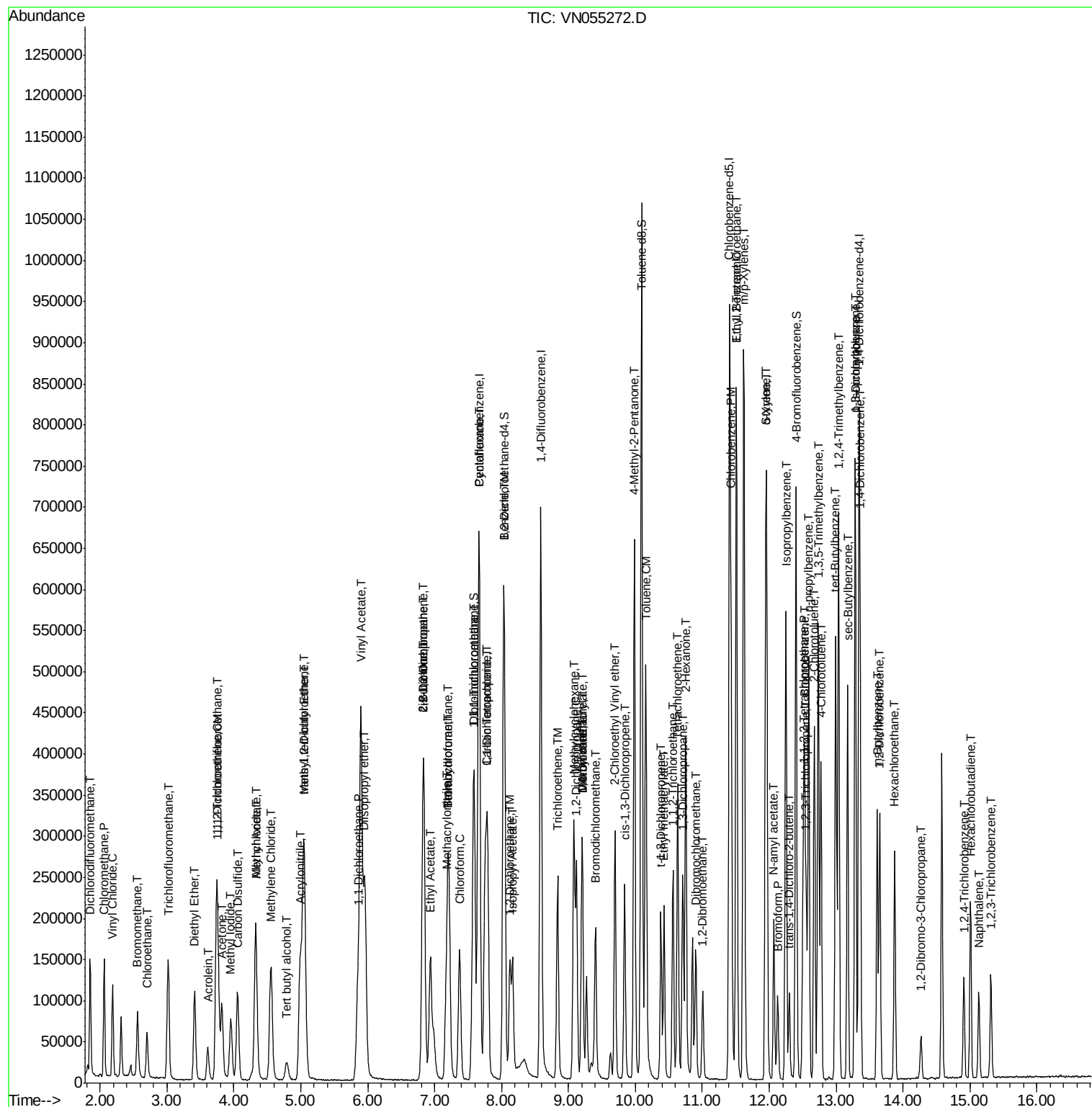
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	39038	15.502	ug/l	100
94) Hexachlorobutadiene	15.01	225	42551	19.968	ug/l	97
95) Naphthalene	15.13	128	88395	16.429	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	43311	16.567	ug/l	99

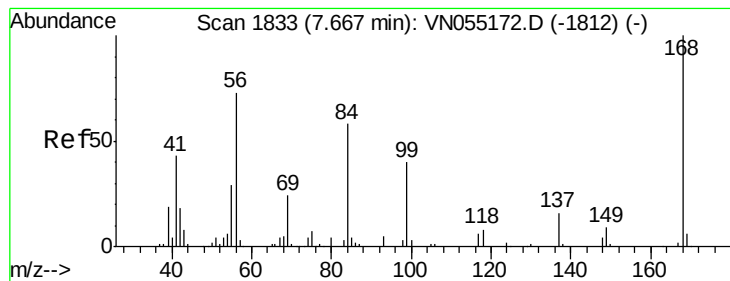
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN042719\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055272.D

Acq: 26 Apr 2019 13:34

Instrument :

MSVOA_N

ClientSampleId :

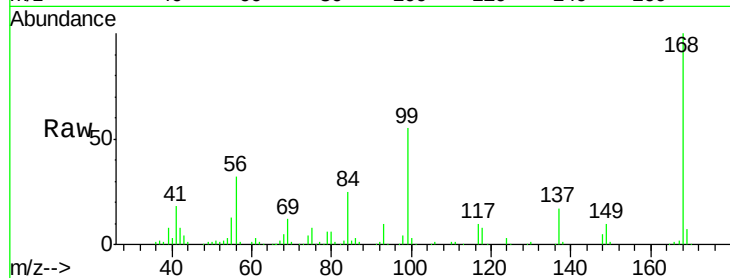
VN0427WBS01

Tot Ion:168 Resp: 379242

Ion Ratio Lower Upper

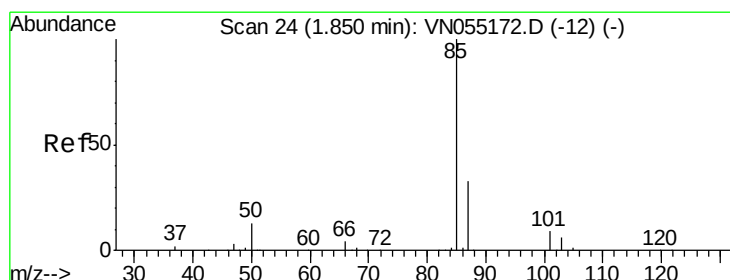
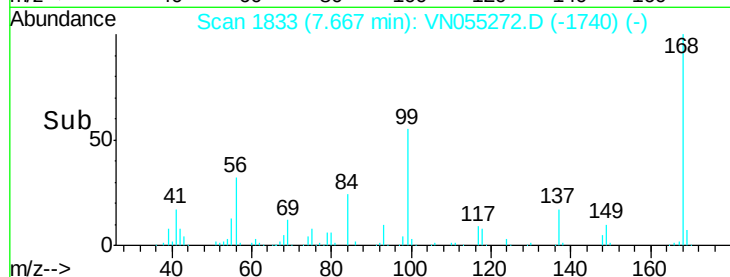
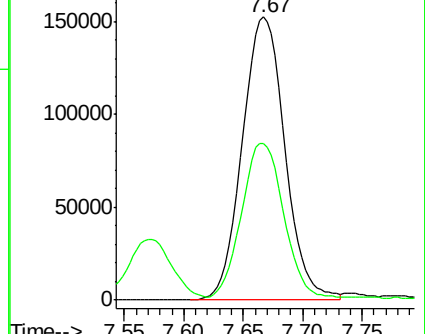
168 100

99 54.3 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#2

Dichlorodifluoromethane

Concen: 21.782 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN055272.D

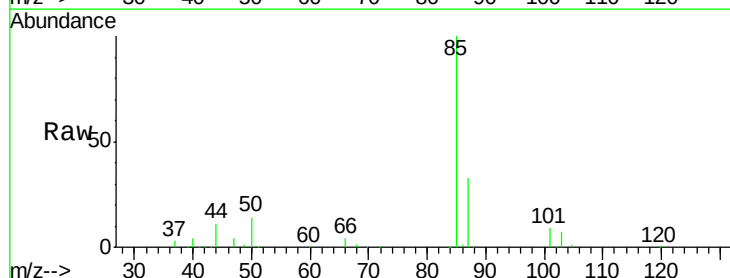
Acq: 26 Apr 2019 13:34

Tgt Ion: 85 Resp: 106361

Ion Ratio Lower Upper

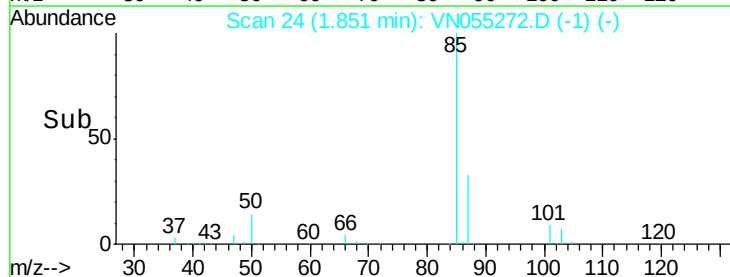
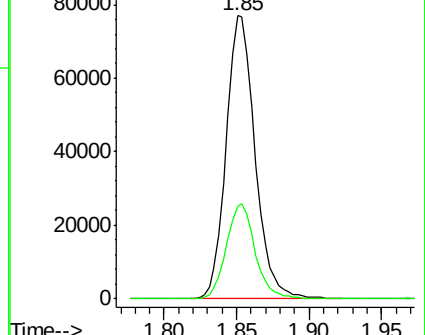
85 100

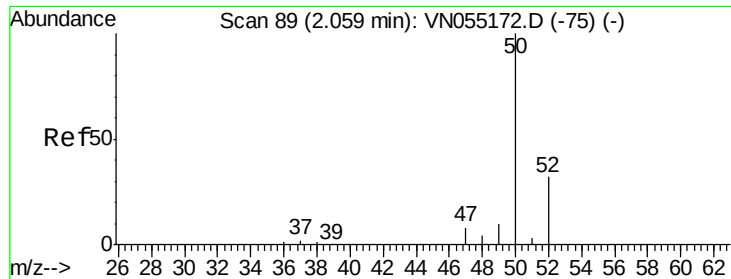
87 32.6 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0





#3

Chloromethane

Concen: 20.778 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN055272.D

Acq: 26 Apr 2019 13:34

Instrument :

MSVOA_N

ClientSampleId :

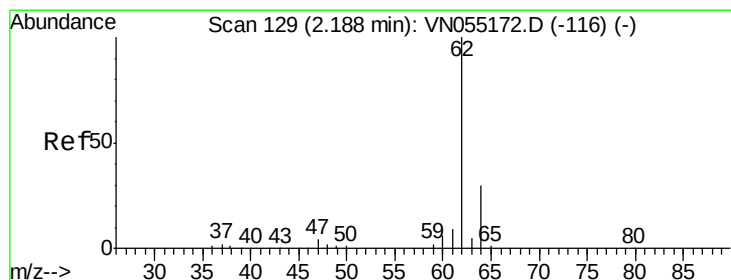
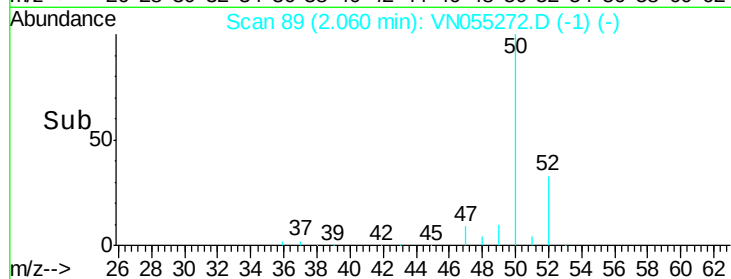
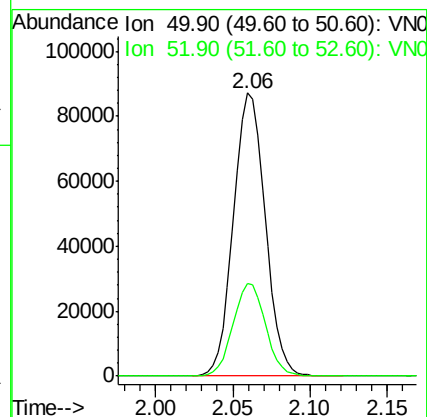
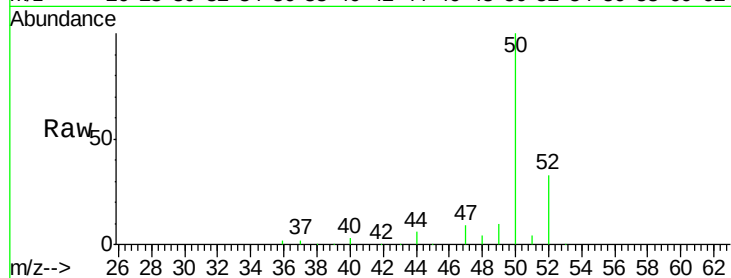
VN0427WBS01

Tot Ion: 50 Resp: 124319

Ion Ratio Lower Upper

50 100

52 32.9 25.8 38.6



#4

Vinyl Chloride

Concen: 20.537 ug/l

RT: 2.19 min Scan# 129

Delta R.T. 0.00 min

Lab File: VN055272.D

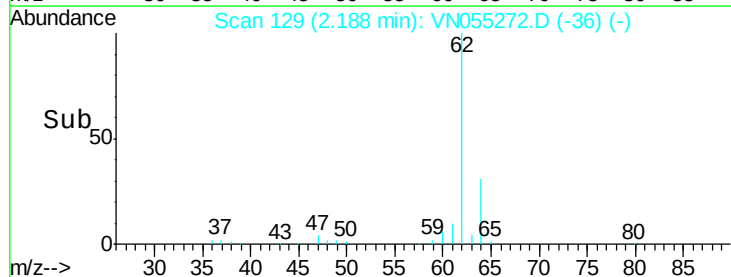
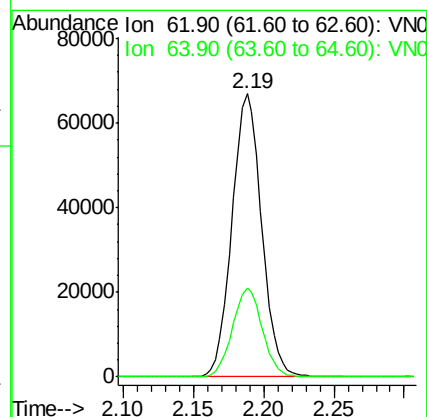
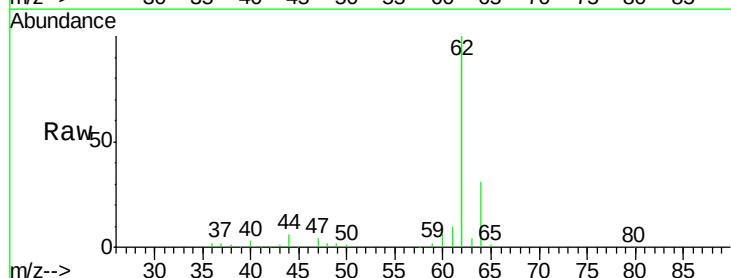
Acq: 26 Apr 2019 13:34

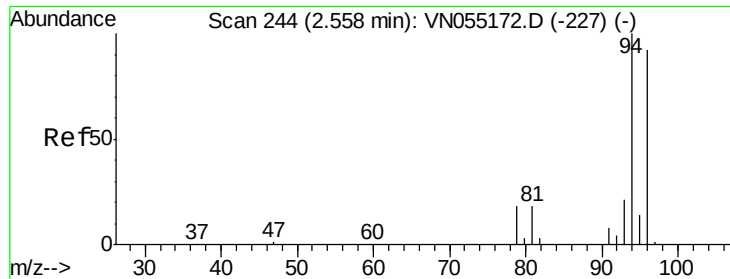
Tgt Ion: 62 Resp: 98465

Ion Ratio Lower Upper

62 100

64 31.3 24.2 36.4

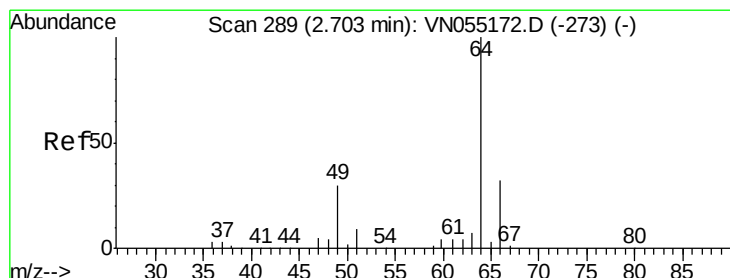
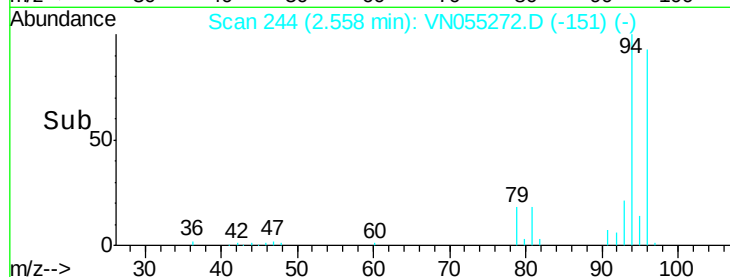
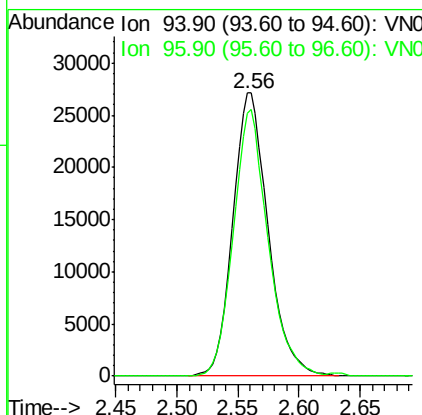
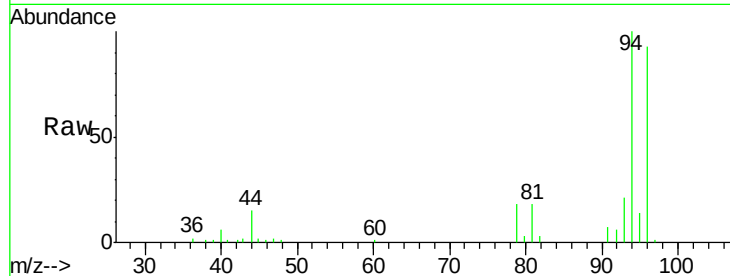




#5
Bromomethane
Concen: 19.554 ug/l
RT: 2.56 min Scan# 244
Delta R.T. 0.00 min
Lab File: VN055272.D
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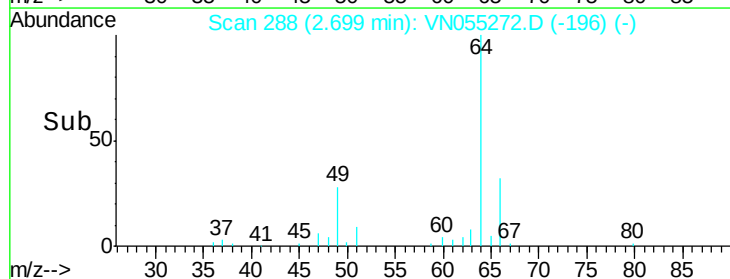
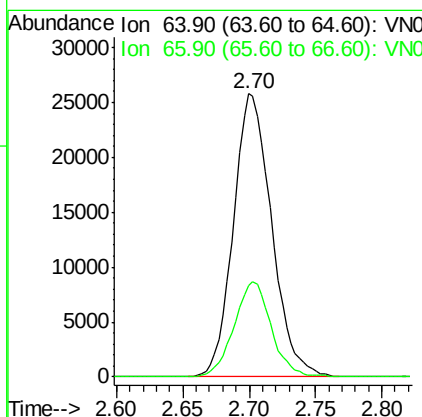
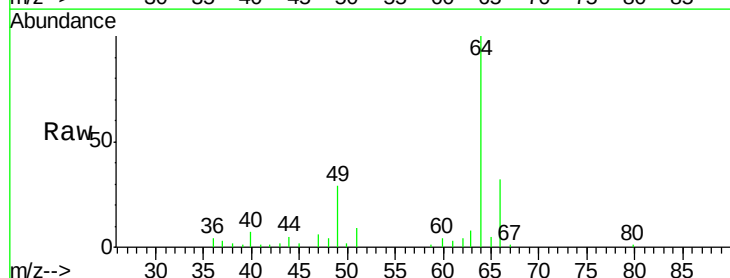
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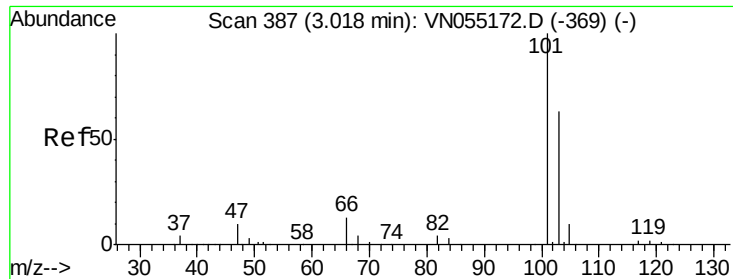
Tot Ion: 94 Resp: 54367
Ion Ratio Lower Upper
94 100
96 92.9 73.4 110.2



#6
Chloroethane
Concen: 20.472 ug/l
RT: 2.70 min Scan# 288
Delta R.T. -0.00 min
Lab File: VN055272.D
Acq: 26 Apr 2019 13:34

Tgt Ion: 64 Resp: 51731
Ion Ratio Lower Upper
64 100
66 32.5 25.9 38.9



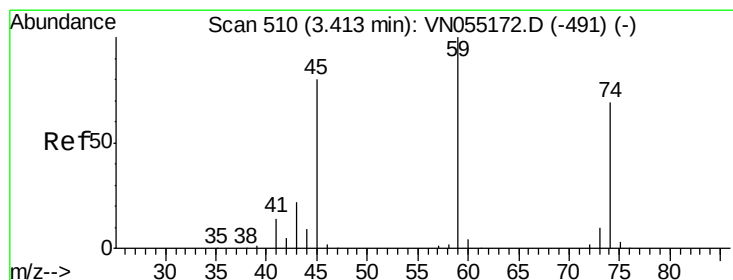
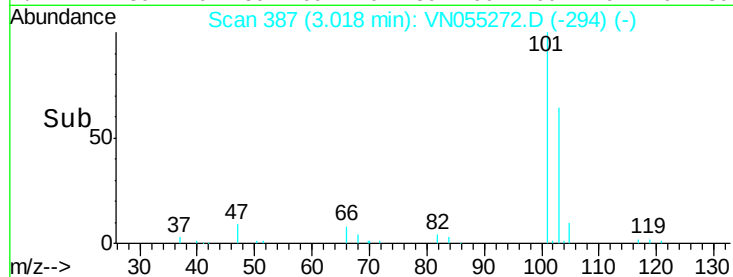
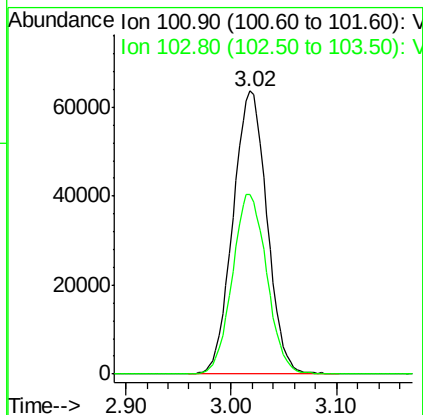
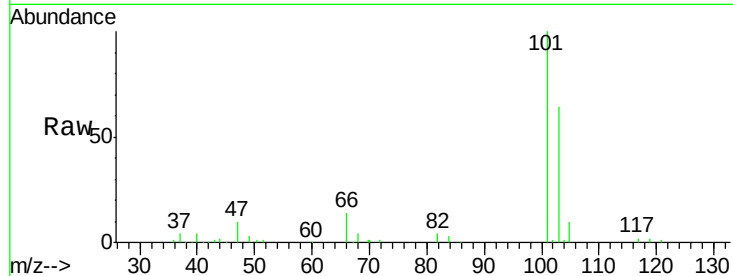


#7

Trichlorofluoromethane
 Concen: 21.810 ug/l
 RT: 3.02 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: VN055272.D
 Acq: 26 Apr 2019 13:34

Instrument :
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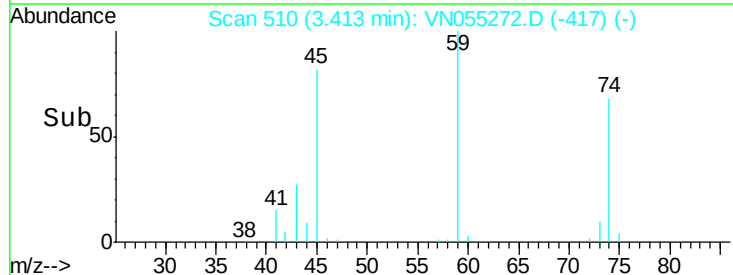
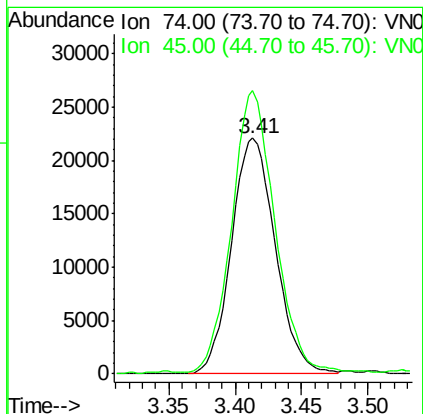
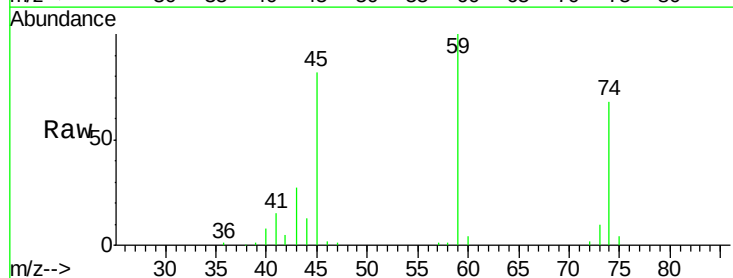
Tot Ion:101 Resp: 142298
 Ion Ratio Lower Upper
 101 100
 103 63.6 50.1 75.1

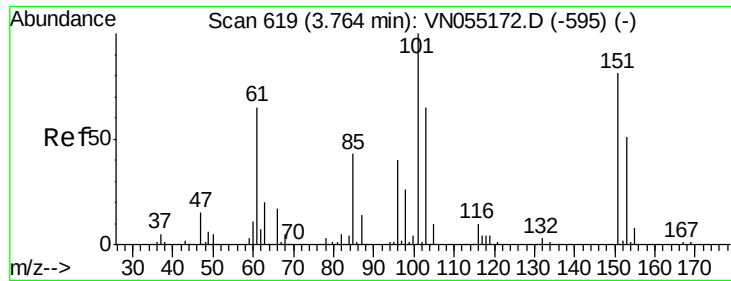


#8

Diethyl Ether
 Concen: 21.813 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VN055272.D
 Acq: 26 Apr 2019 13:34

Tgt Ion: 74 Resp: 50796
 Ion Ratio Lower Upper
 74 100
 45 117.8 56.9 170.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.142 ug/l

RT: 3.76 min Scan# 618

Delta R.T. -0.00 min

Lab File: VN055272.D

Acq: 26 Apr 2019 13:34

Instrument :

MSVOA_N

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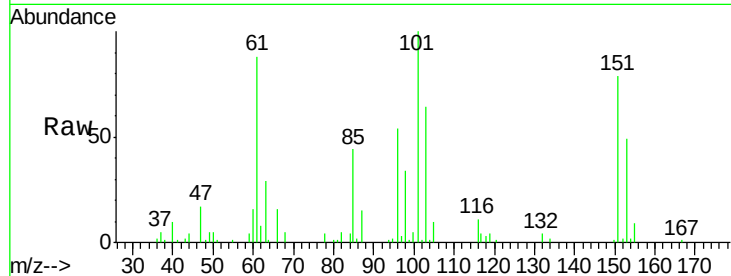
Tot Ion:101 Resp: 82005

Ion Ratio Lower Upper

101 100

85 44.6 34.9 52.3

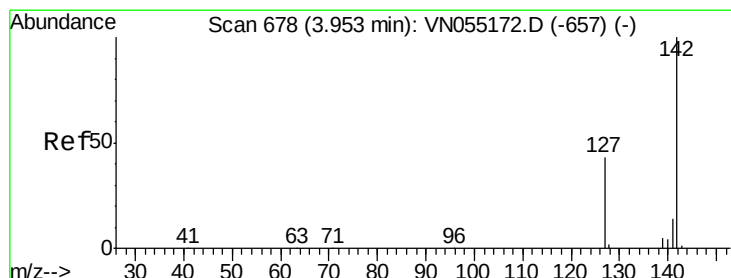
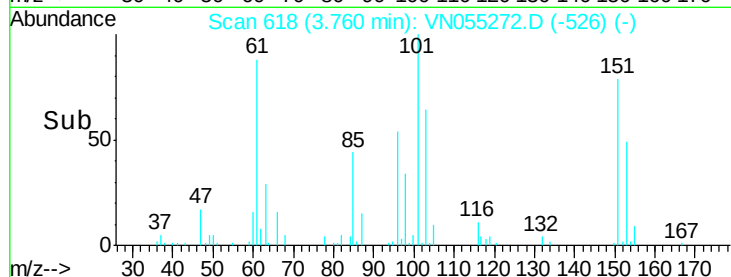
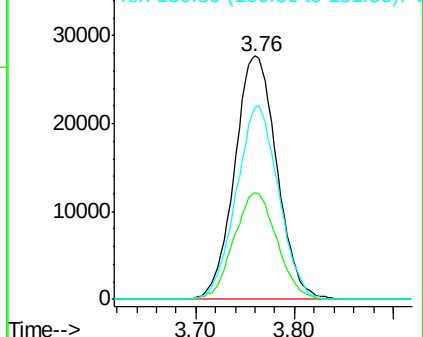
151 79.8 63.8 95.8



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: 20.971 ug/l

RT: 3.95 min Scan# 678

Delta R.T. 0.00 min

Lab File: VN055272.D

Acq: 26 Apr 2019 13:34

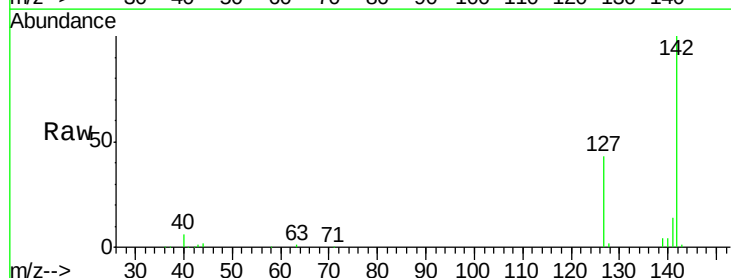
Tgt Ion:142 Resp: 119727

Ion Ratio Lower Upper

142 100

127 43.5 34.1 51.1

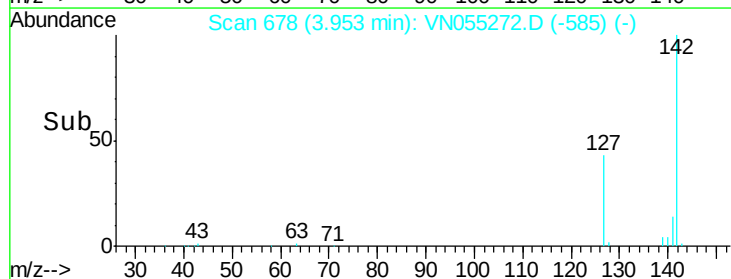
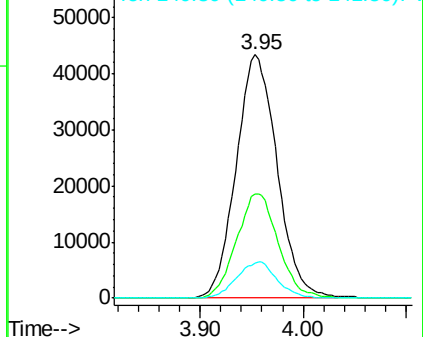
141 14.6 11.4 17.2

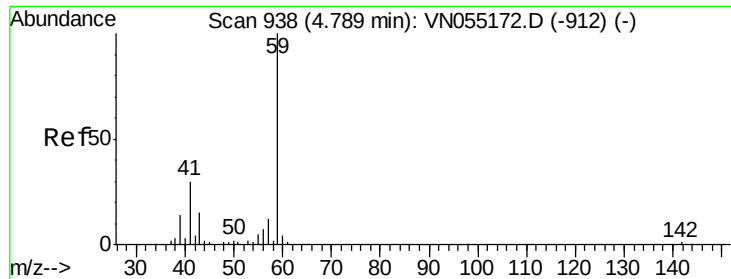


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



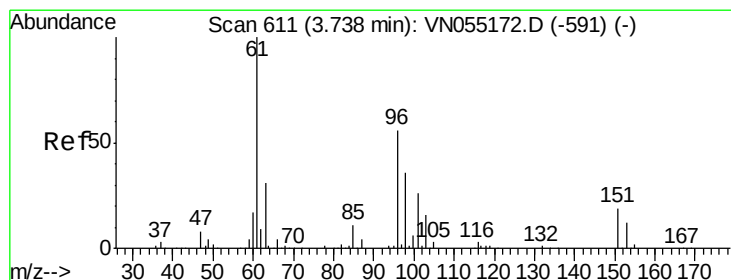
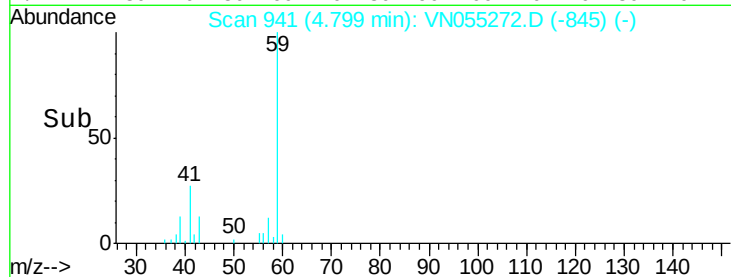
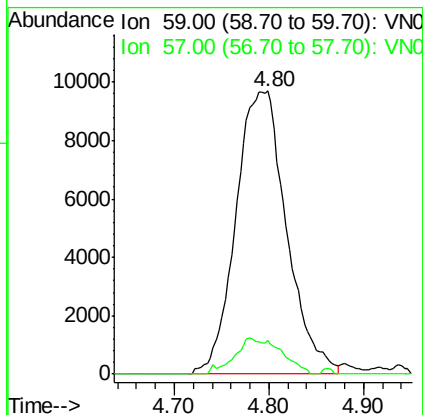
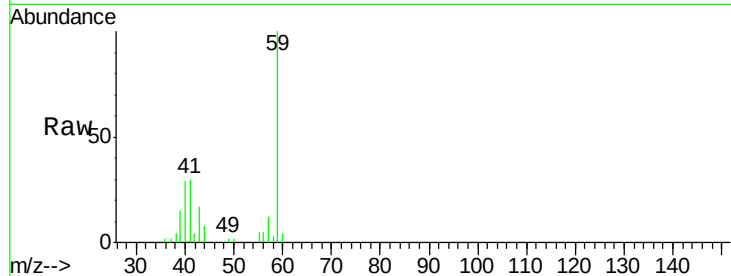


#11

Tert butyl alcohol
Concen: 120.248 ug/l
RT: 4.80 min Scan# 941
Delta R.T. 0.01 min
Lab File: VN055272.D
Acq: 26 Apr 2019 13:34

Instrument :
MSVOA_N
ClientSampled :
VN0427WBS01

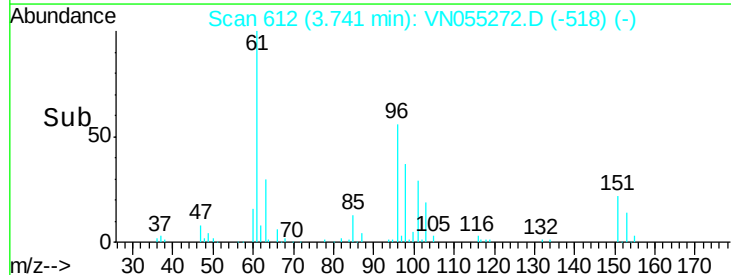
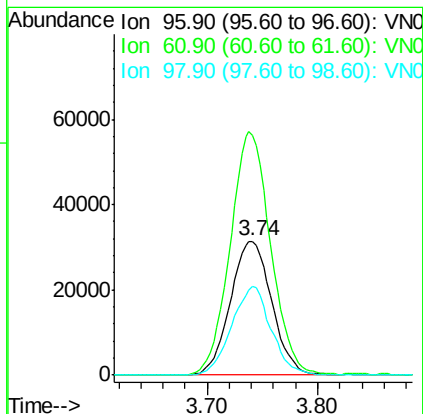
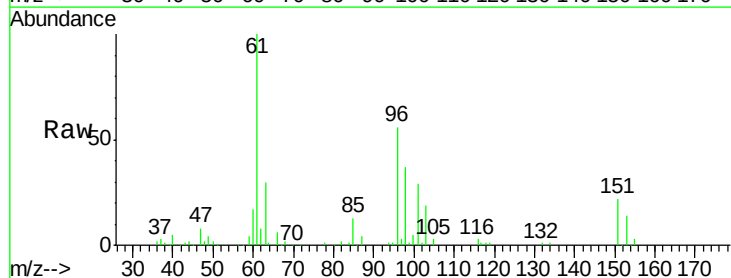
Tot Ion: 59 Resp: 36036
Ion Ratio Lower Upper
59 100
57 4.5 8.8 13.2#

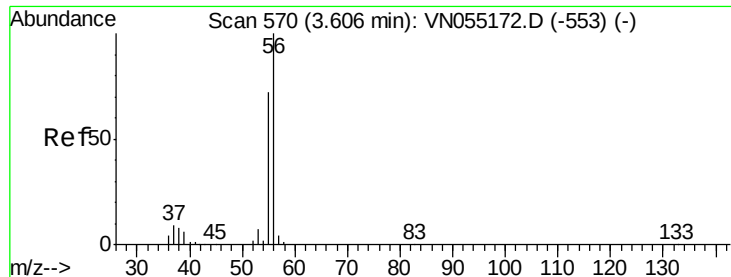


#12

1,1-Dichloroethene
Concen: 20.866 ug/l
RT: 3.74 min Scan# 612
Delta R.T. 0.00 min
Lab File: VN055272.D
Acq: 26 Apr 2019 13:34

Tgt Ion: 96 Resp: 81415
Ion Ratio Lower Upper
96 100
61 178.5 142.1 213.1
98 66.0 51.2 76.8





#13

Acrolein

Concen: 102.148 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN055272.D

Acq: 26 Apr 2019 13:34

Instrument :

MSVOA_N

ClientSampleId :

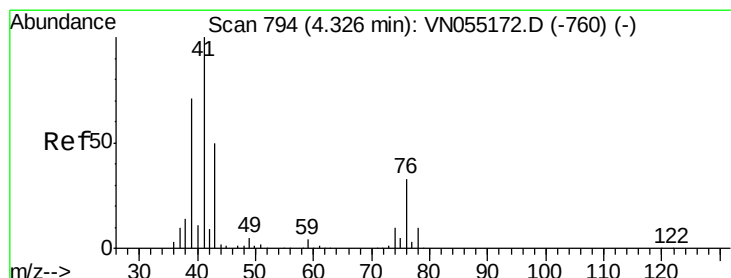
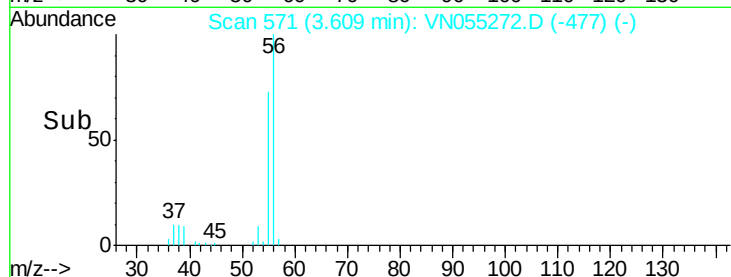
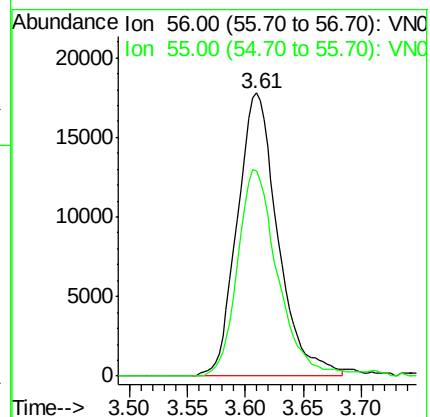
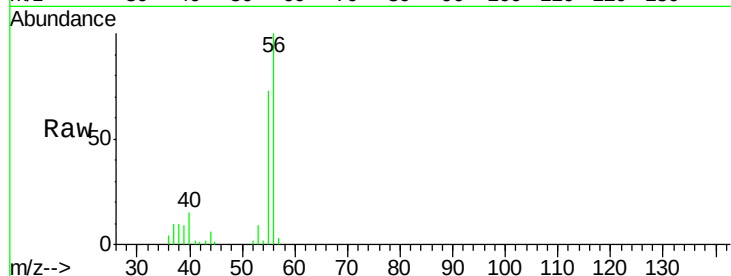
VN0427WBS01

Tot Ion: 56 Resp: 43262

Ion Ratio Lower Upper

56 100

55 70.8 57.4 86.0



#14

Allyl chloride

Concen: 21.532 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN055272.D

Acq: 26 Apr 2019 13:34

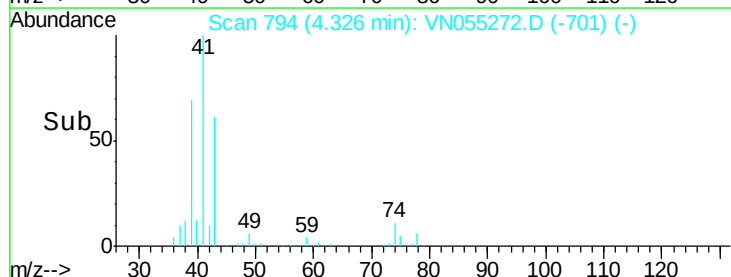
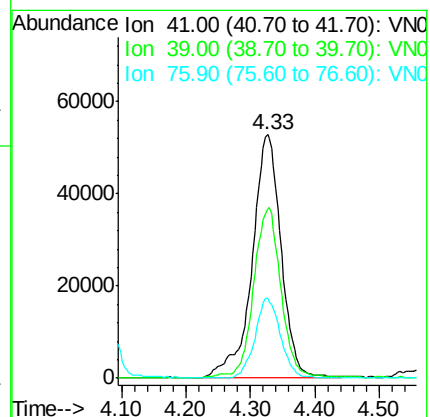
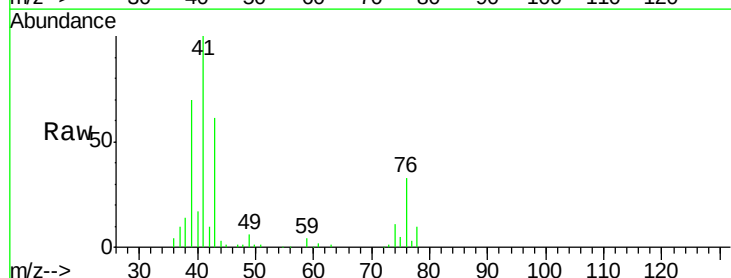
Tgt Ion: 41 Resp: 166081

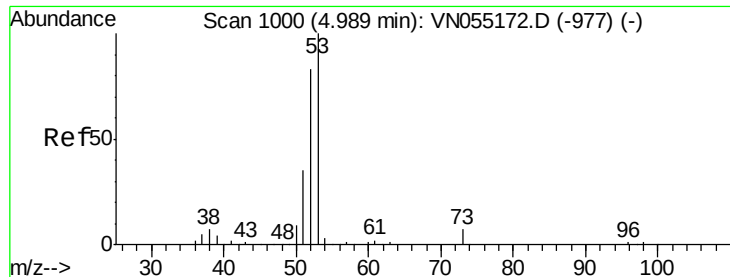
Ion Ratio Lower Upper

41 100

39 65.6 52.9 79.3

76 28.7 23.6 35.4





#15

Acrylonitrile

Concen: 116.539 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN055272.D

Acq: 26 Apr 2019 13:34

Instrument :

MSVOA_N

ClientSampled :

VN0427WBS01

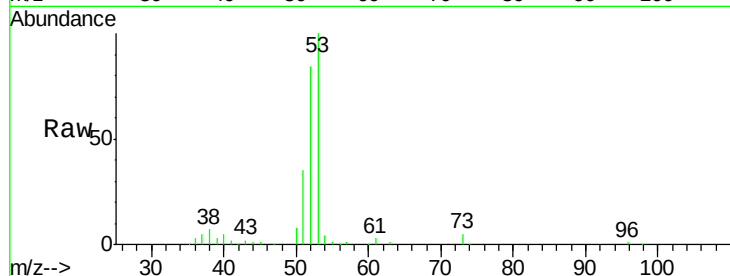
Tot Ion: 53 Resp: 191534

Ion Ratio Lower Upper

53 100

52 82.1 65.8 98.8

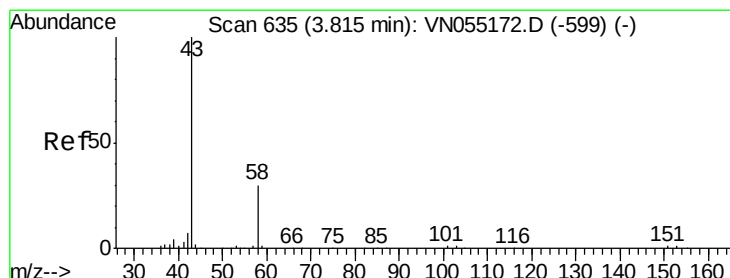
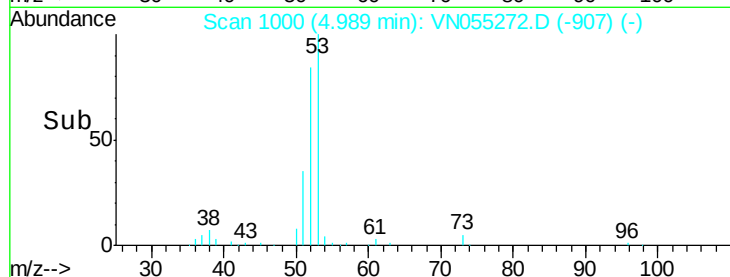
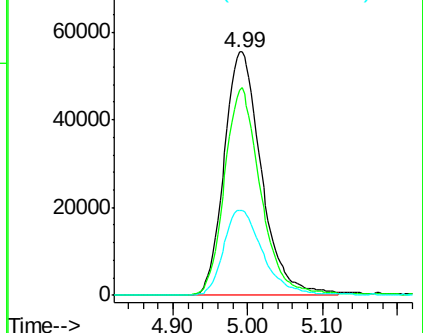
51 36.8 28.9 43.3



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 88.355 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN055272.D

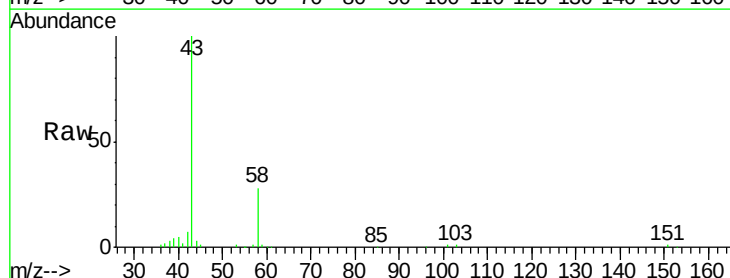
Acq: 26 Apr 2019 13:34

Tgt Ion: 43 Resp: 149931

Ion Ratio Lower Upper

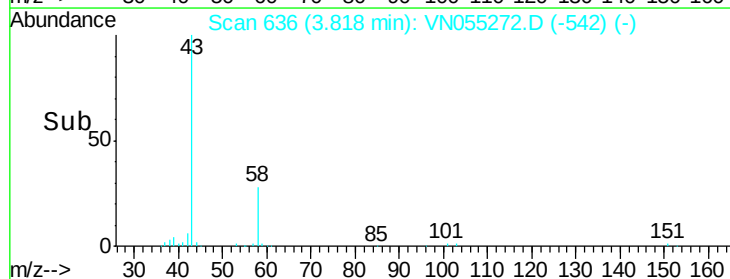
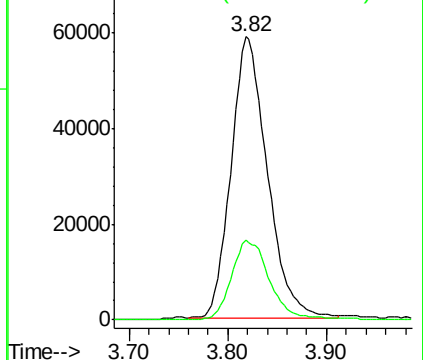
43 100

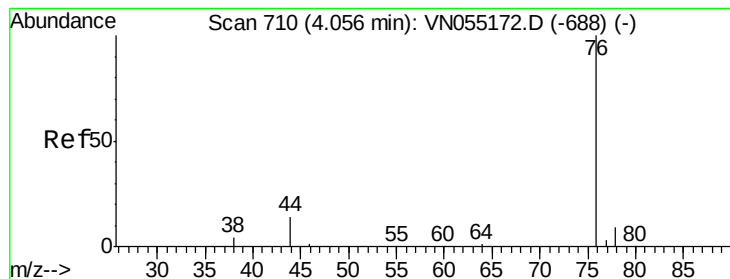
58 28.6 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 19.311 ug/l

RT: 4.06 min Scan# 710

Delta R.T. 0.00 min

Lab File: VN055272.D

Acq: 26 Apr 2019 13:34

Instrument :

MSVOA_N

ClientSampled :

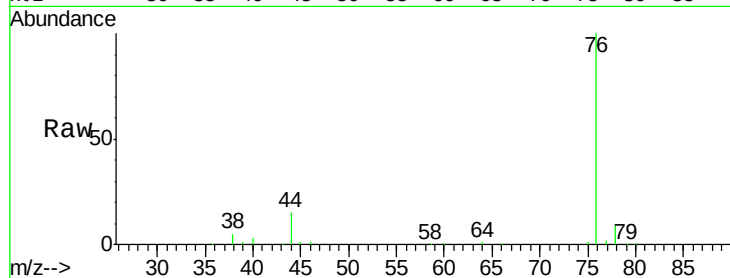
VN0427WBS01

Tot Ion: 76 Resp: 210642

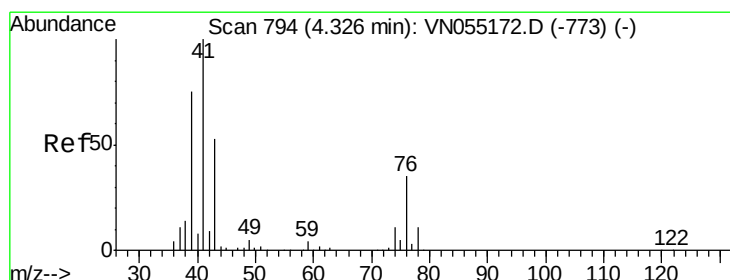
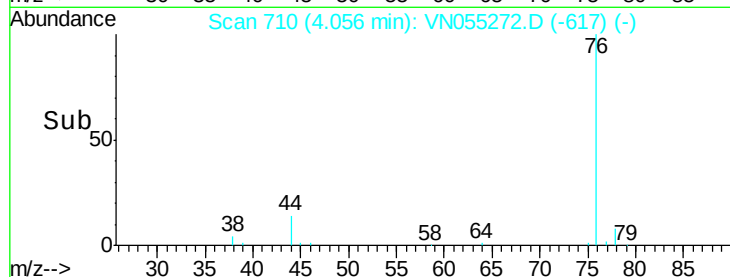
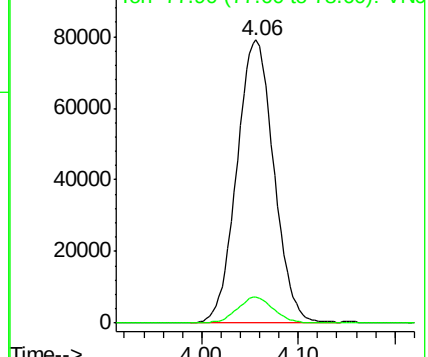
Ion Ratio Lower Upper

76 100

78 9.2 7.3 10.9



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



#18

Methyl Acetate

Concen: 24.429 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.00 min

Lab File: VN055272.D

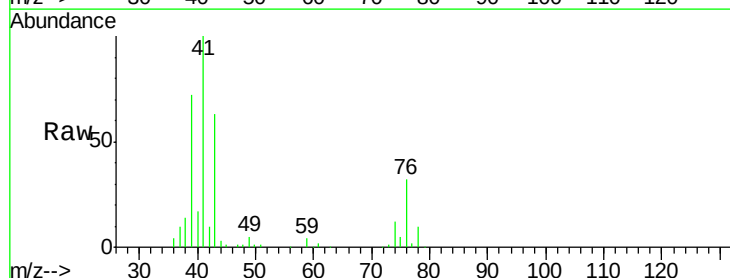
Acq: 26 Apr 2019 13:34

Tgt Ion: 43 Resp: 91179

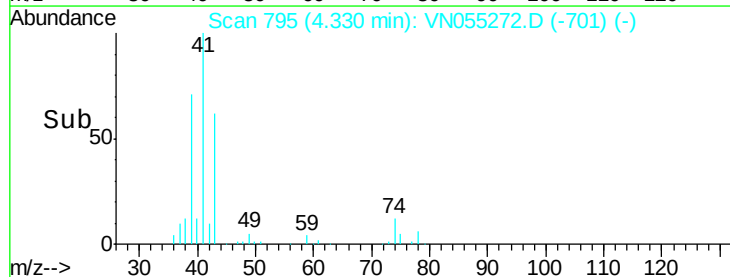
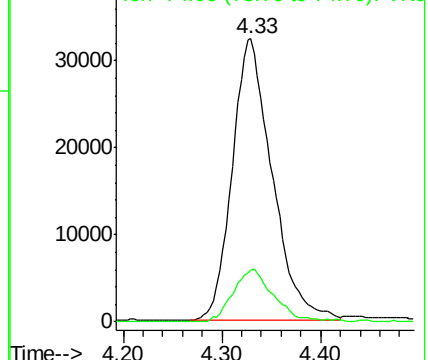
Ion Ratio Lower Upper

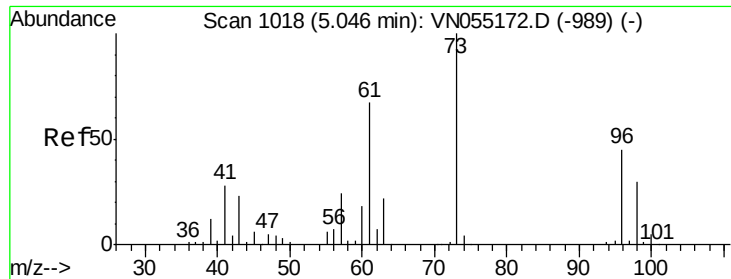
43 100

74 18.9 16.7 25.1



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

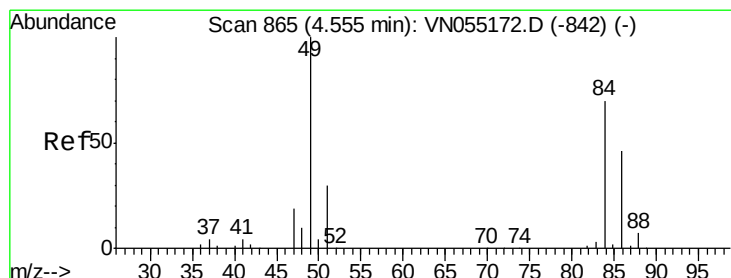
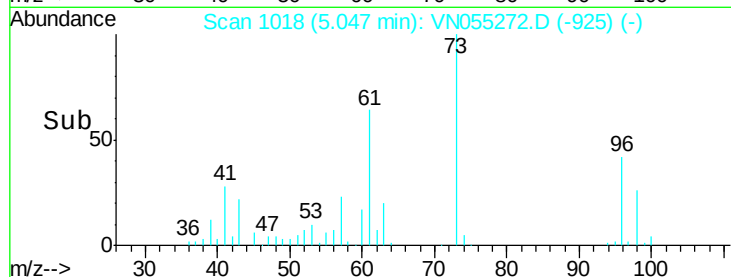
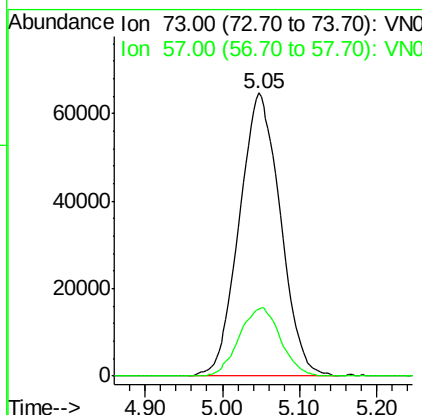
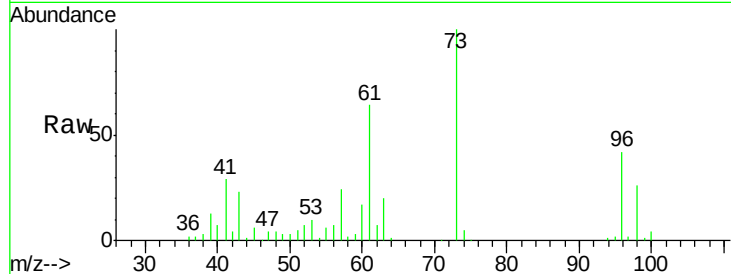




#19
Methvl tert-butyl Ether
Concen: 22.165 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN055272.D
Acq: 26 Apr 2019 13:34

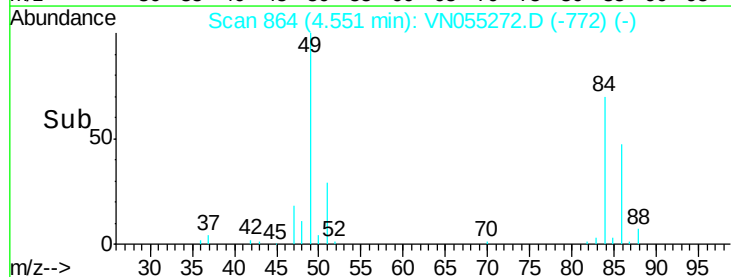
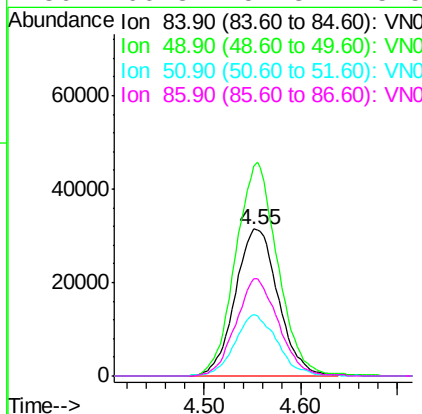
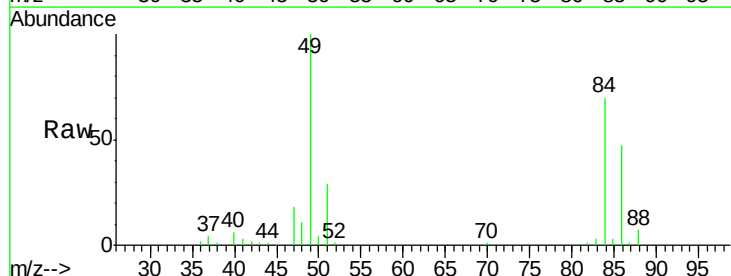
Instrument :
MSVOA_N
ClientSampleId :
VN0427WBS01

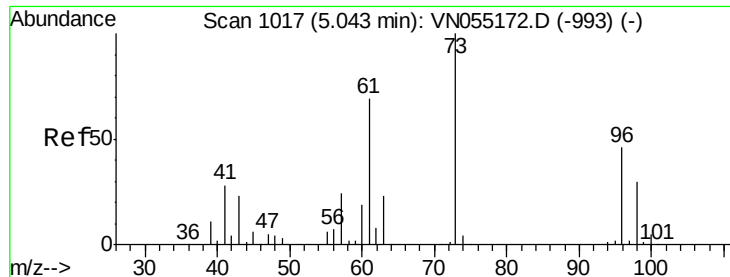
Tot Ion: 73 Resp: 239104
Ion Ratio Lower Upper
73 100
57 23.8 19.5 29.3



#20
Methylene Chloride
Concen: 19.911 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN055272.D
Acq: 26 Apr 2019 13:34

Tgt Ion: 84 Resp: 97132
Ion Ratio Lower Upper
84 100
49 142.6 113.8 170.6
51 41.6 34.0 51.0
86 66.3 52.3 78.5

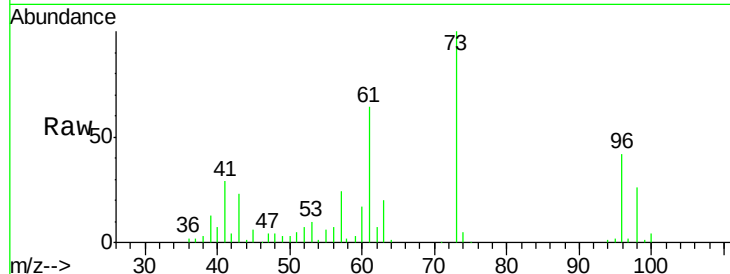




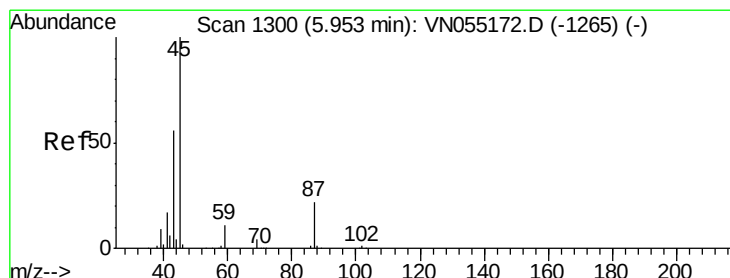
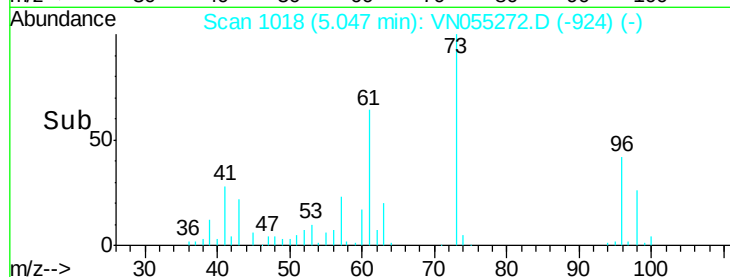
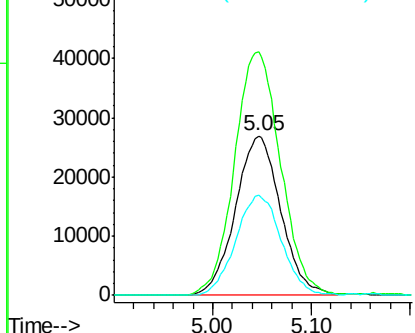
#21
trans-1,2-Dichloroethene
Concen: 20.892 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN055272.D
Acq: 26 Apr 2019 13:34

Instrument :
MSVOA_N
ClientSampled :
VN0427WBS01

Tot Ion: 96 Resp: 85480
Ion Ratio Lower Upper
96 100
61 151.9 119.3 178.9
98 63.0 53.0 79.4

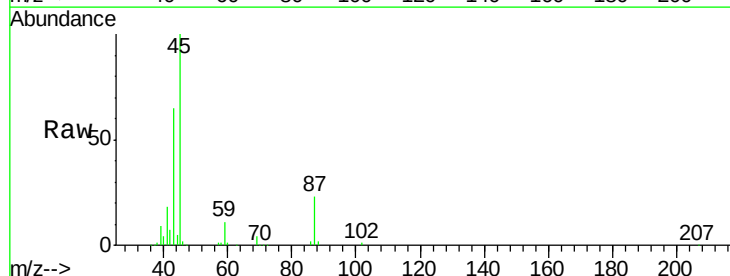


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

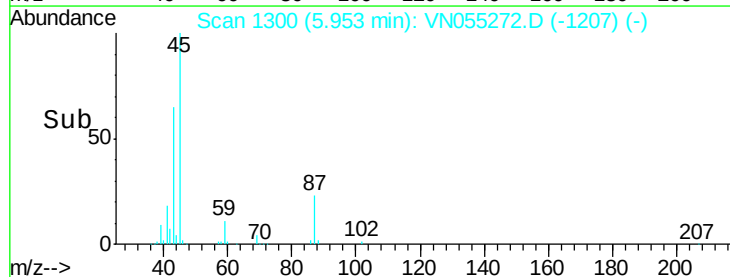
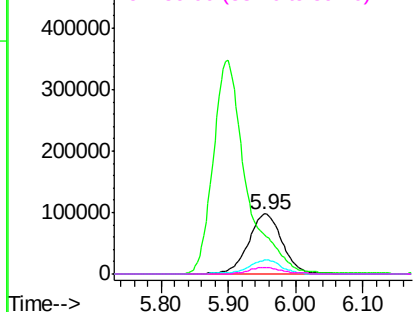


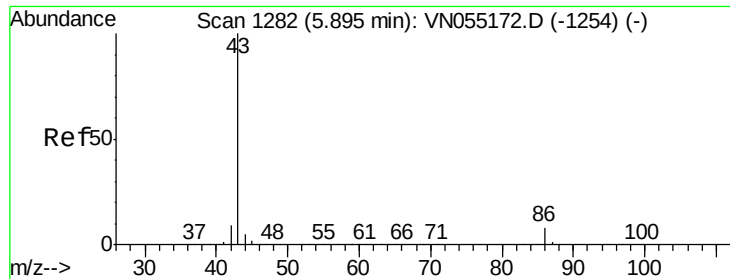
#22
Diisopropyl ether
Concen: 22.169 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: VN055272.D
Acq: 26 Apr 2019 13:34

Tgt Ion: 45 Resp: 340853
Ion Ratio Lower Upper
45 100
43 63.3 47.4 71.0
87 22.3 18.4 27.6
59 10.8 8.6 12.8



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 115.511 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VN055272.D

Acq: 26 Apr 2019 13:34

Instrument :

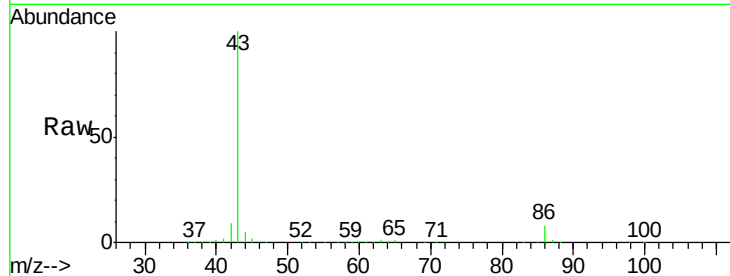
MSVOA_N

ClientSampleId :

VN0427WBS01

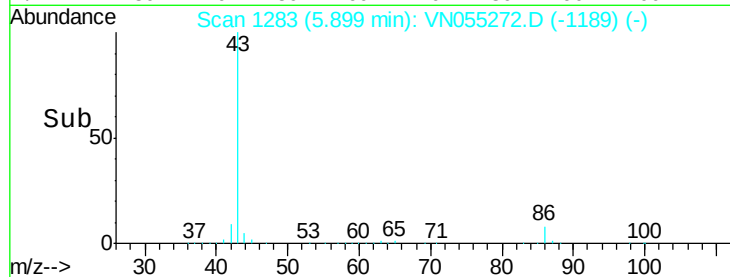
Tot Ion: 43 Resp: 1193452

Ion	Ratio	Lower	Upper
43	100		
86	8.1	6.8	10.2

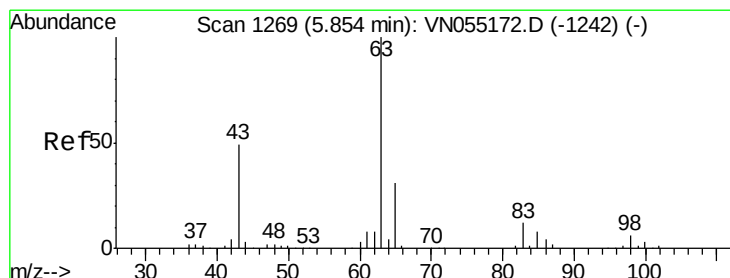


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



Time--> 5.70 5.80 5.90 6.00 6.10



#24

1,1-Dichloroethane

Concen: 21.322 ug/l

RT: 5.85 min Scan# 1268

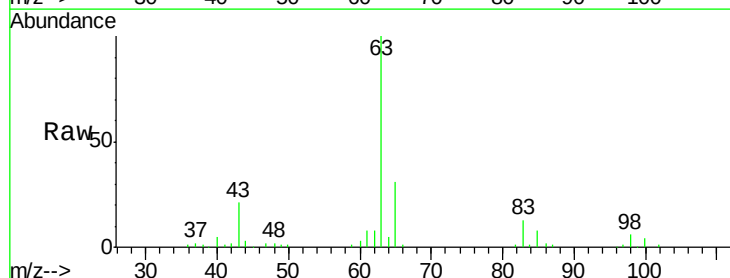
Delta R.T. -0.00 min

Lab File: VN055272.D

Acq: 26 Apr 2019 13:34

Tgt Ion: 63 Resp: 176334

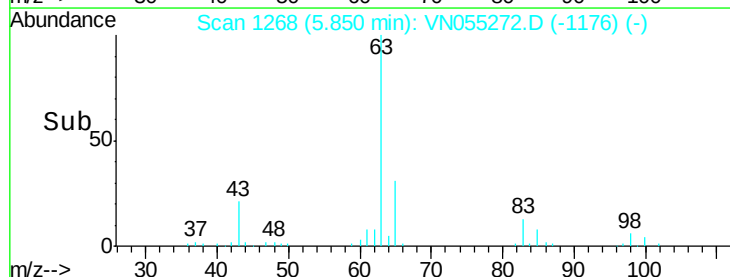
Ion	Ratio	Lower	Upper
63	100		
98	6.2	3.1	9.3
100	4.0	1.8	5.3



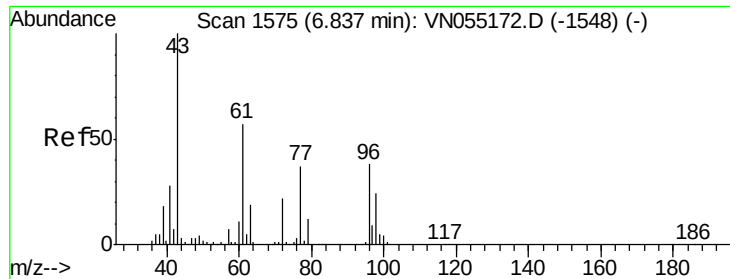
Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0



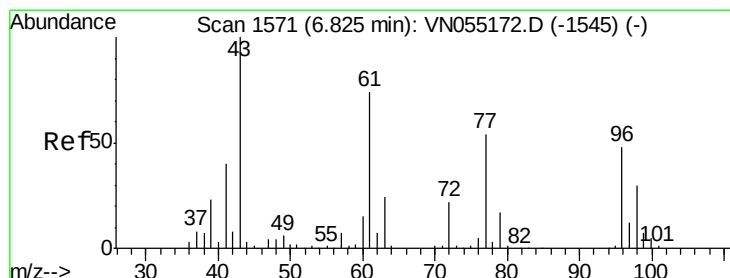
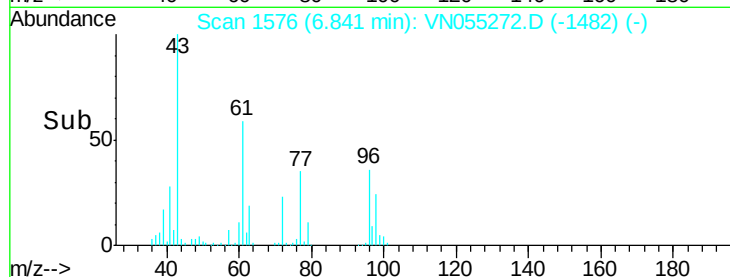
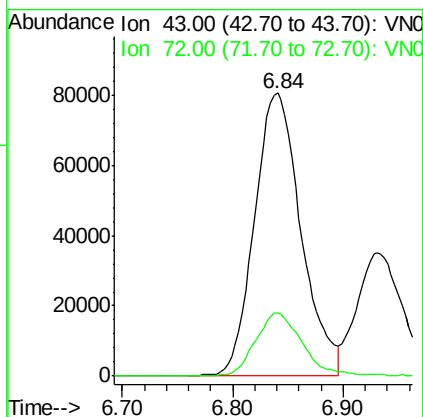
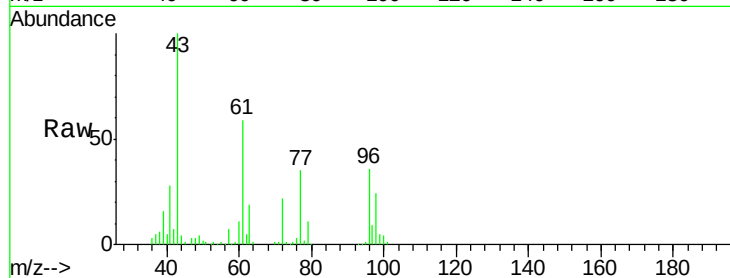
Time--> 5.70 5.80 5.90



#25
2-Butanone
Concen: 106.888 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VN055272.D
Acq: 26 Apr 2019 13:34

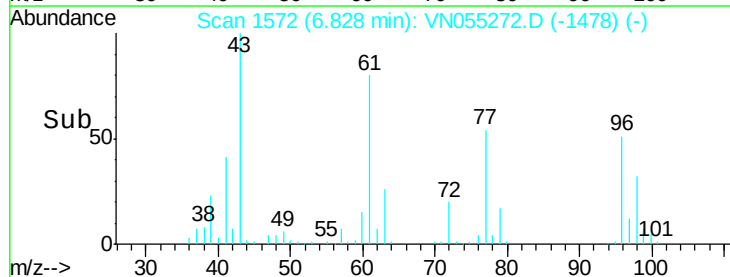
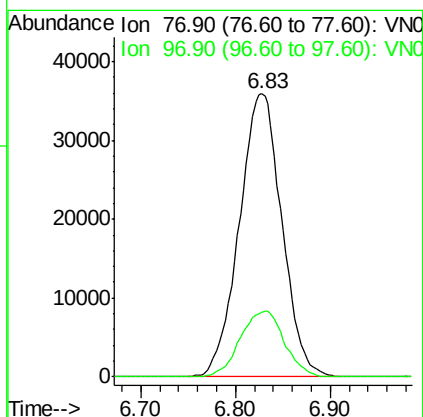
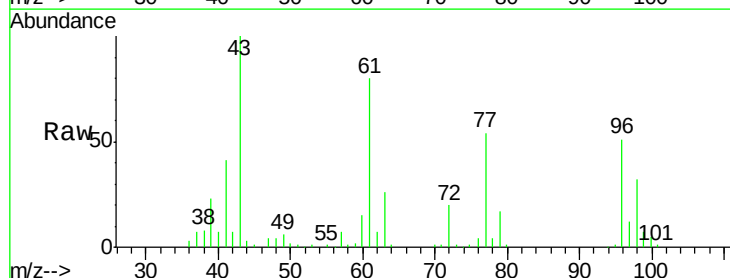
Instrument :
MSVOA_N
ClientSampleId :
VN0427WBS01

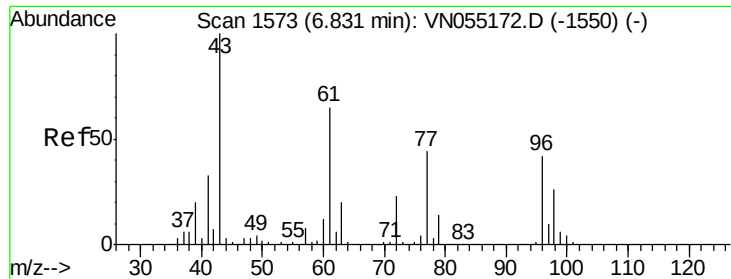
Tot Ion: 43 Resp: 234167
Ion Ratio Lower Upper
43 100
72 22.5 17.8 26.8



#26
2,2-Dichloropropane
Concen: 20.041 ug/l
RT: 6.83 min Scan# 1572
Delta R.T. 0.00 min
Lab File: VN055272.D
Acq: 26 Apr 2019 13:34

Tgt Ion: 77 Resp: 112156
Ion Ratio Lower Upper
77 100
97 24.1 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 21.264 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN055272.D

Acq: 26 Apr 2019 13:34

Instrument :

MSVOA_N

ClientSampleId :

VN0427WBS01

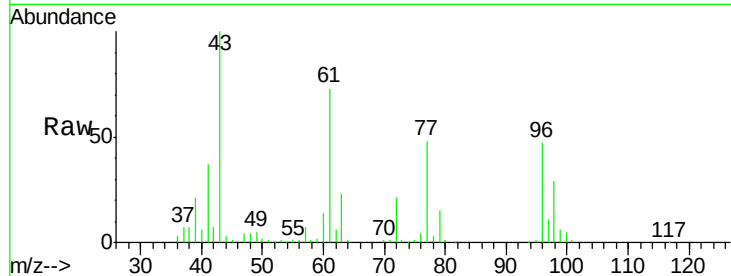
Tot Ion: 96 Resp: 100289

Ion Ratio Lower Upper

96 100

61 155.2 0.0 310.8

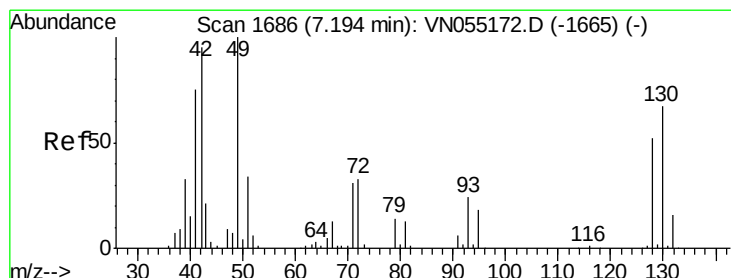
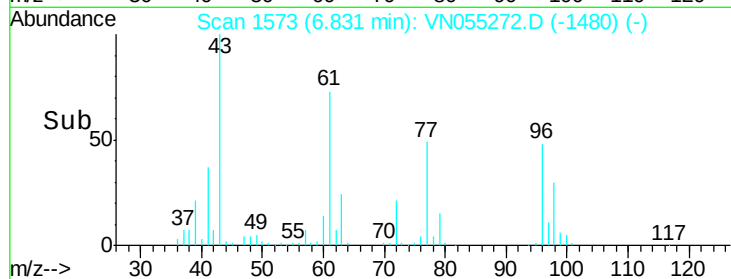
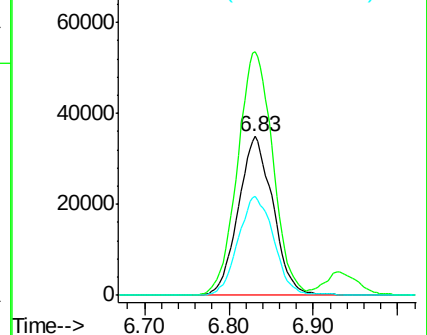
98 63.5 0.0 127.4



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 22.279 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN055272.D

Acq: 26 Apr 2019 13:34

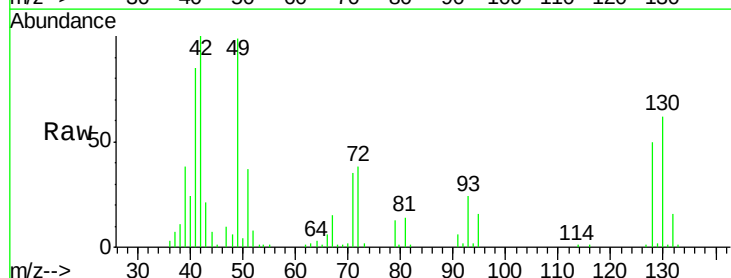
Tgt Ion: 49 Resp: 93921

Ion Ratio Lower Upper

49 100

129 1.1 0.0 3.8

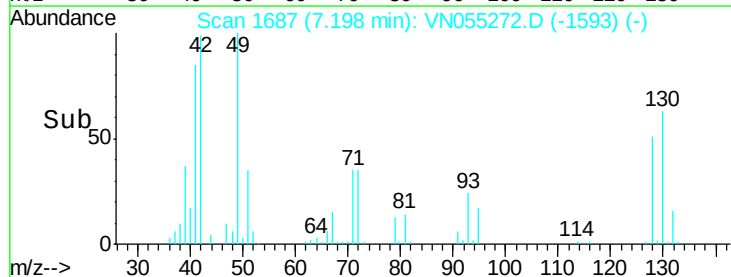
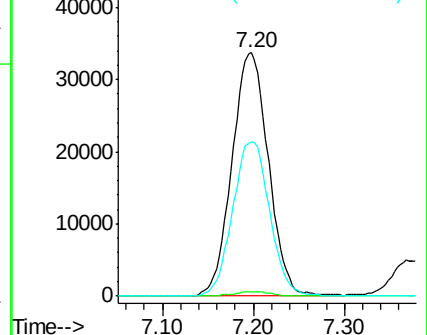
130 64.2 53.4 80.2

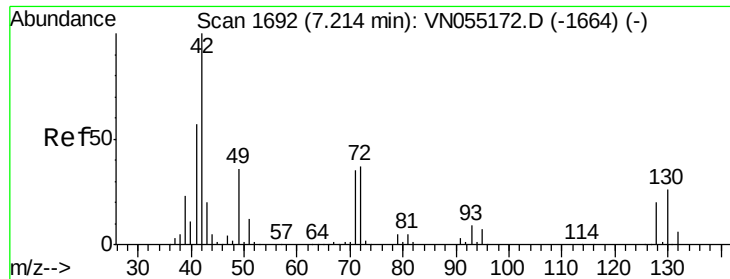


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 117.348 ug/l

RT: 7.21 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VN055272.D

Acq: 26 Apr 2019 13:34

Instrument :

MSVOA_N

ClientSampleId :

VN0427WBS01

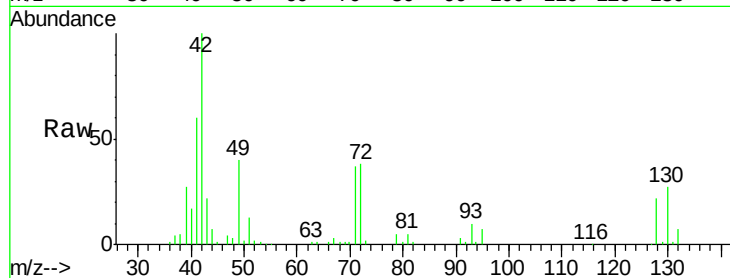
Tot Ion: 42 Resp: 158066

Ion Ratio Lower Upper

42 100

72 36.8 29.4 44.2

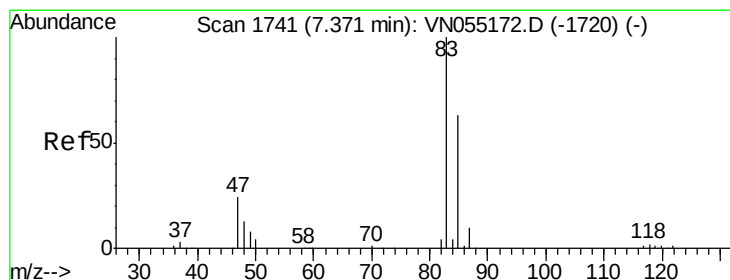
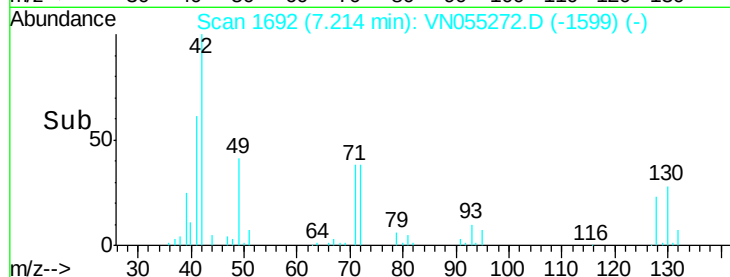
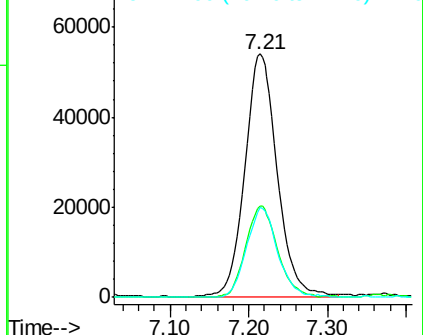
71 35.1 27.8 41.8



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 21.146 ug/l

RT: 7.37 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VN055272.D

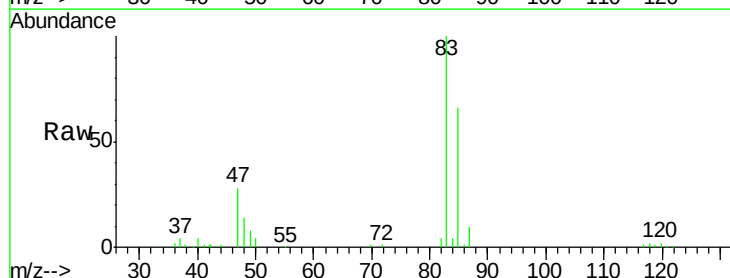
Acq: 26 Apr 2019 13:34

Tgt Ion: 83 Resp: 166345

Ion Ratio Lower Upper

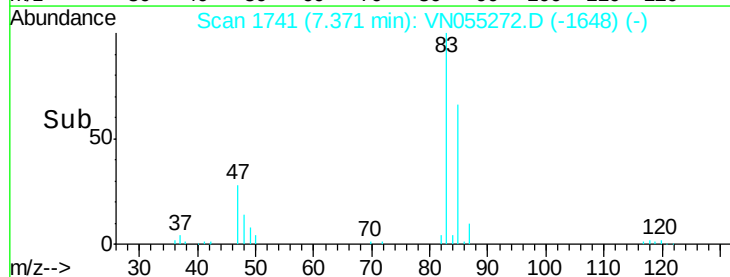
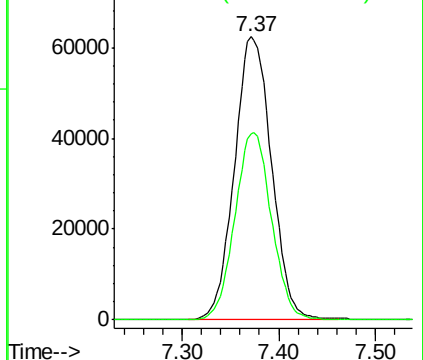
83 100

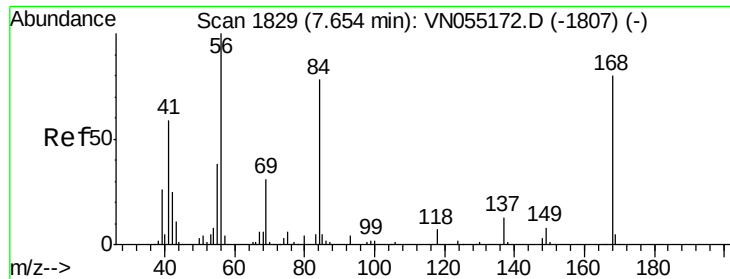
85 65.6 50.6 76.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

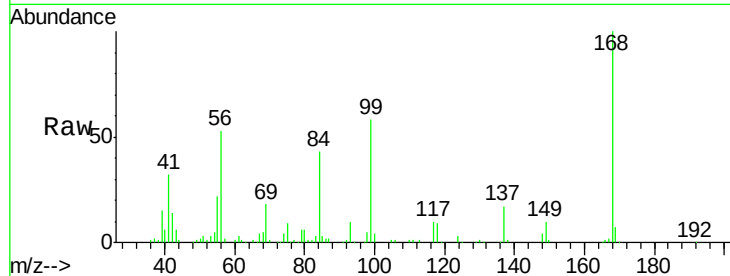




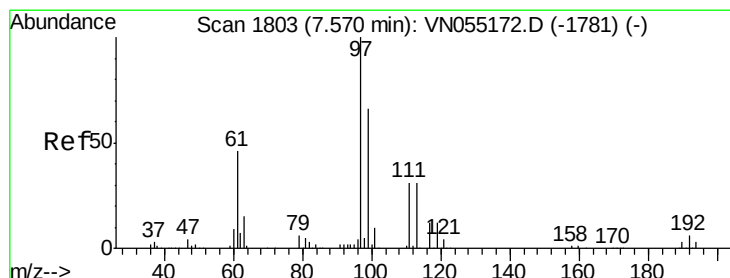
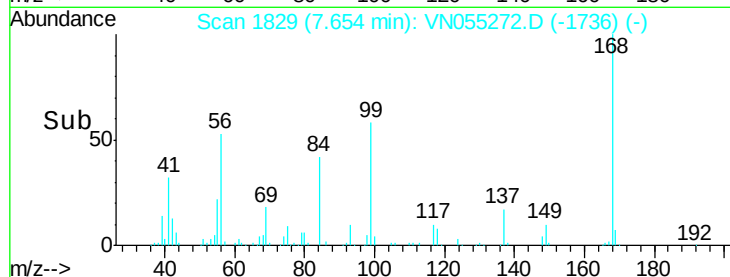
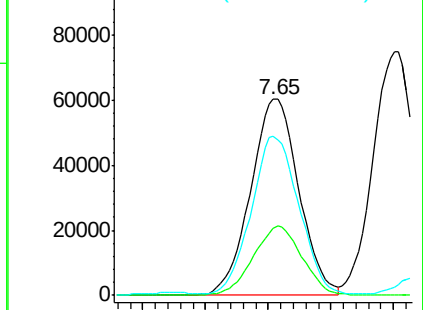
#31
Cyclohexane
Concen: 20.069 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. 0.00 min
Lab File: VN055272.D
Acq: 26 Apr 2019 13:34

Instrument :
MSVOA_N
ClientSampled :
VN0427WBS01

Tot Ion: 56 Resp: 161412
Ion Ratio Lower Upper
56 100
69 34.3 24.6 37.0
84 80.1 61.4 92.2

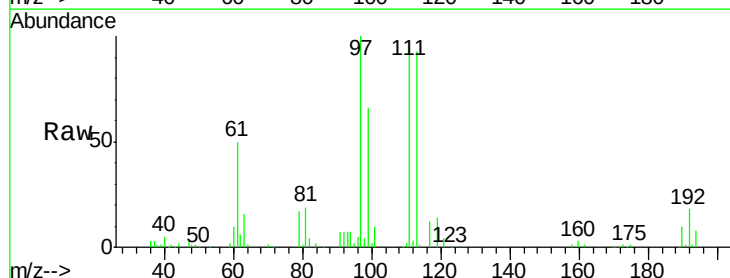


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

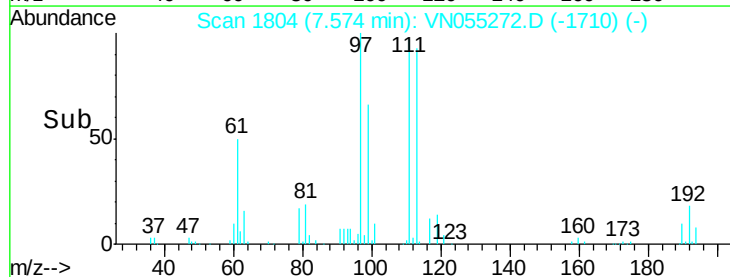
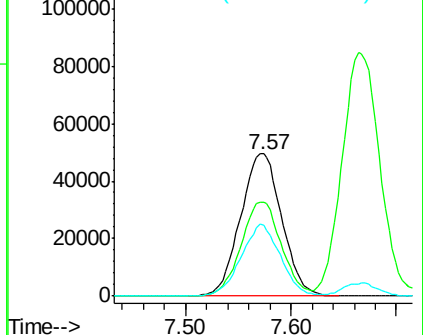


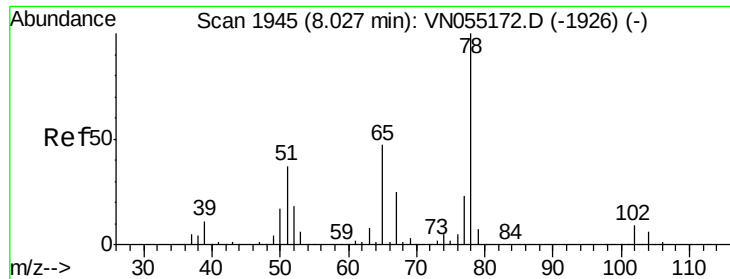
#32
1,1,1-Trichloroethane
Concen: 21.319 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VN055272.D
Acq: 26 Apr 2019 13:34

Tgt Ion: 97 Resp: 134732
Ion Ratio Lower Upper
97 100
99 64.6 51.1 76.7
61 48.0 38.3 57.5



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





#33

1,2-Dichloroethane-d4

Concen: 53.289 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055272.D

Acq: 26 Apr 2019 13:34

Instrument :

MSVOA_N

ClientSampled :

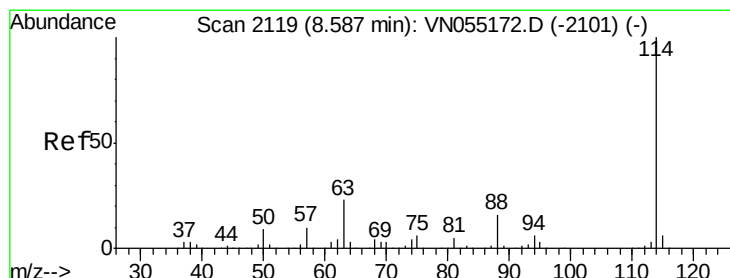
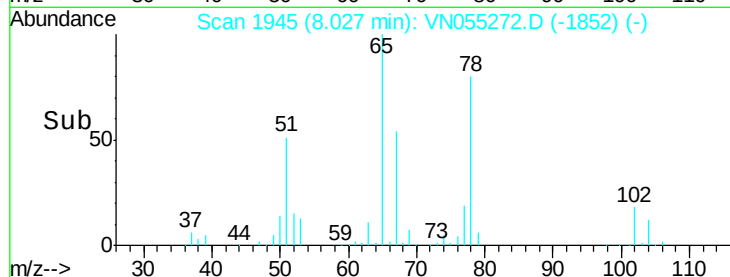
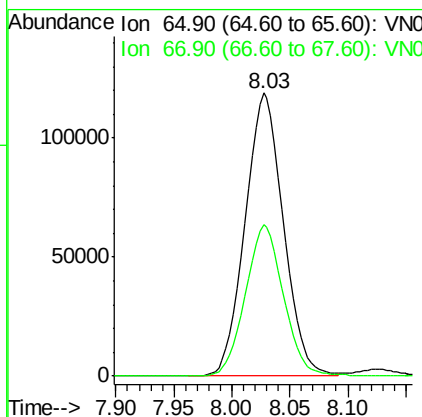
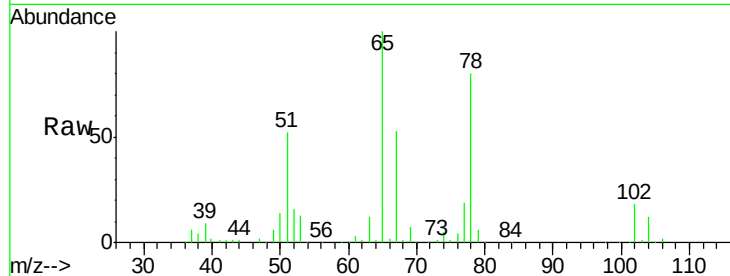
VN0427WBS01

Tot Ion: 65 Resp: 273541

Ion Ratio Lower Upper

65 100

67 53.1 0.0 108.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN055272.D

Acq: 26 Apr 2019 13:34

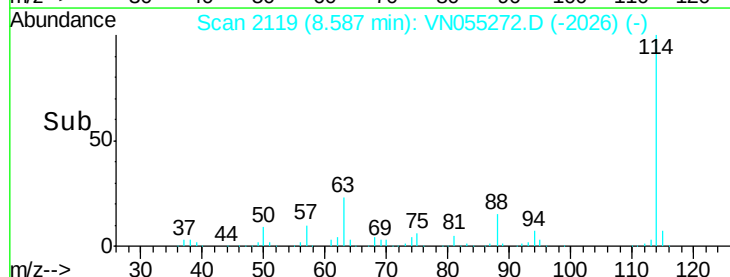
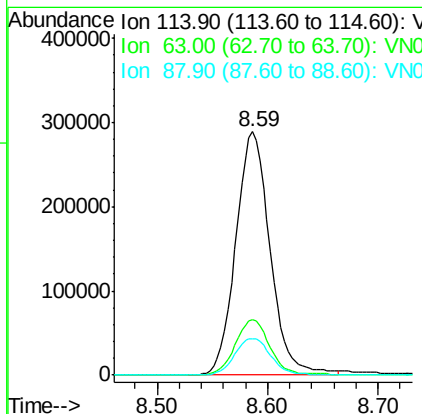
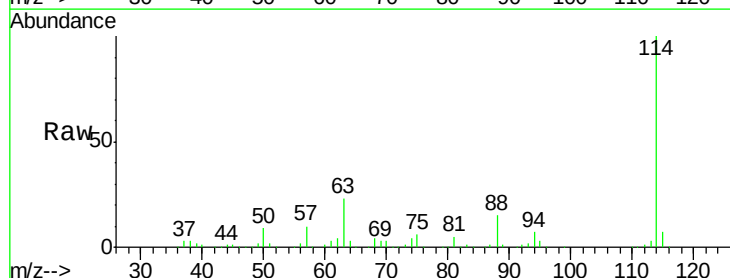
Tgt Ion: 114 Resp: 623293

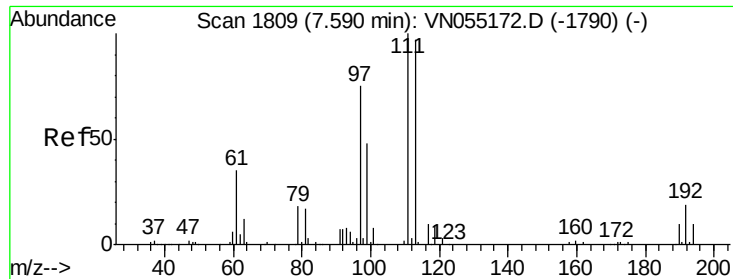
Ion Ratio Lower Upper

114 100

63 22.8 0.0 45.2

88 15.1 0.0 32.8

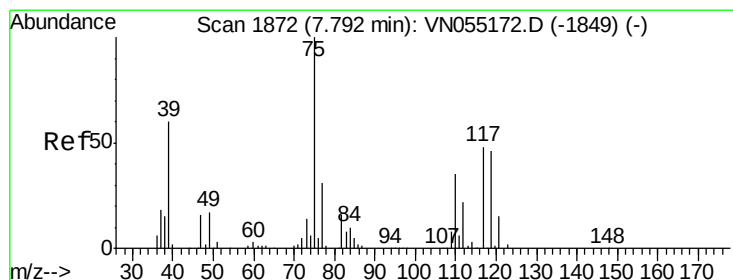
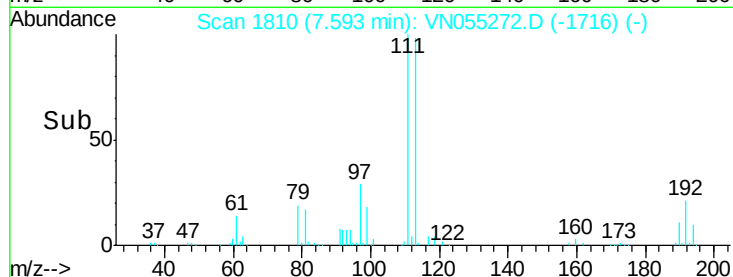
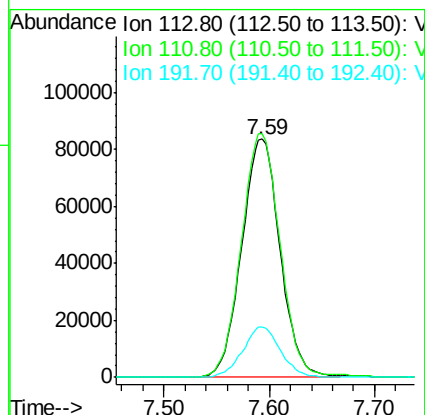
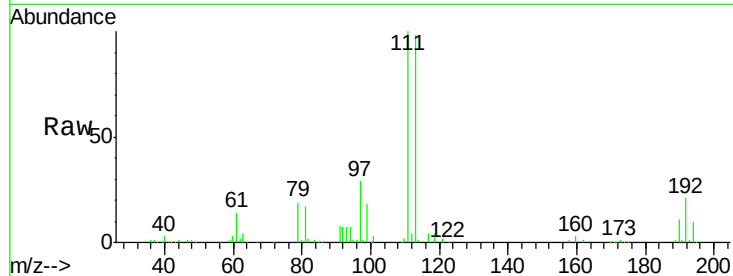




#35
 Dibromofluoromethane
 Concen: 50.032 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN055272.D
 Acq: 26 Apr 2019 13:34

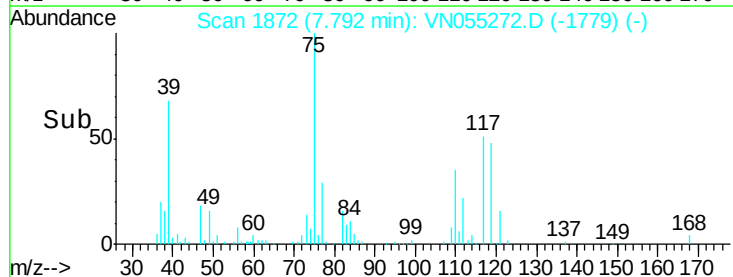
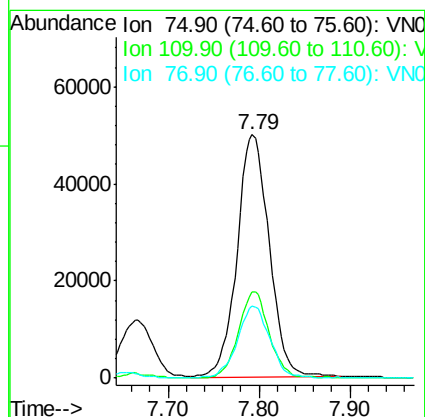
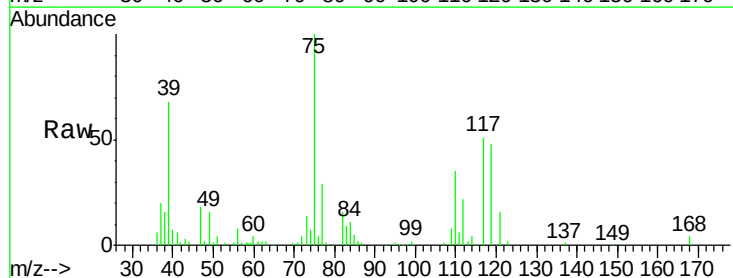
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0427WBS01

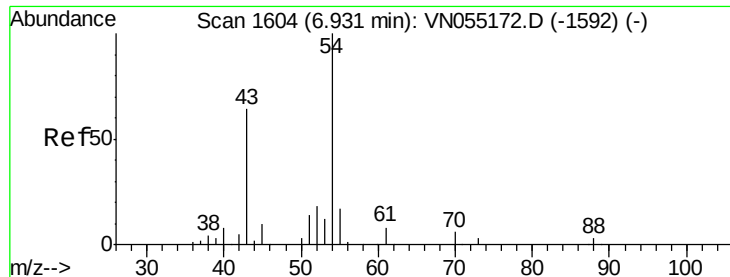
Tot Ion:113 Resp: 211852
 Ion Ratio Lower Upper
 113 100
 111 102.9 81.0 121.4
 192 20.9 16.2 24.4



#36
 1,1-Dichloropropene
 Concen: 21.167 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VN055272.D
 Acq: 26 Apr 2019 13:34

Tgt Ion: 75 Resp: 122453
 Ion Ratio Lower Upper
 75 100
 110 33.9 17.1 51.2
 77 30.3 24.6 36.8

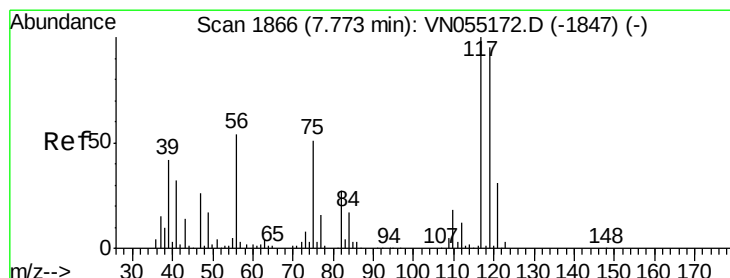
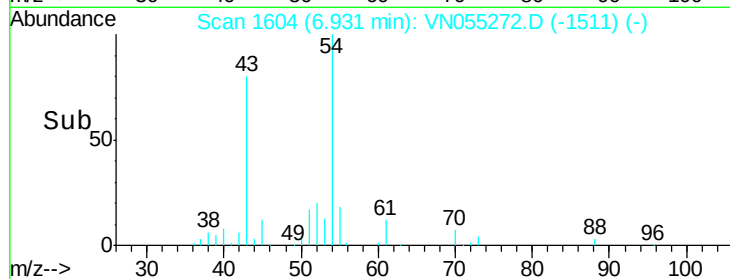
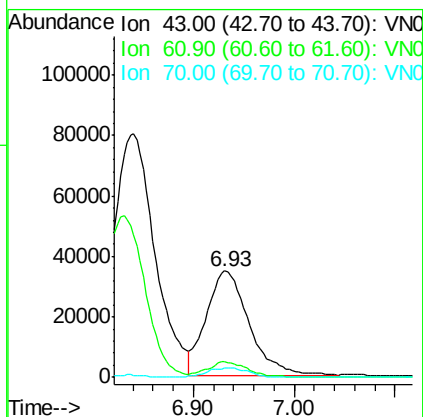
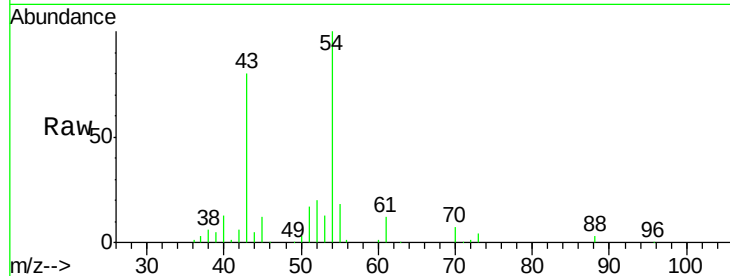




#37
Ethyl Acetate
Concen: 21.952 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VN055272.D
Acq: 26 Apr 2019 13:34

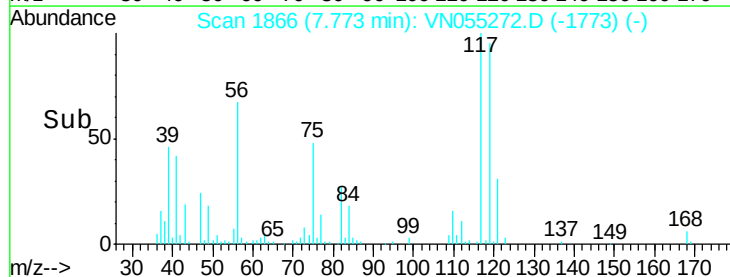
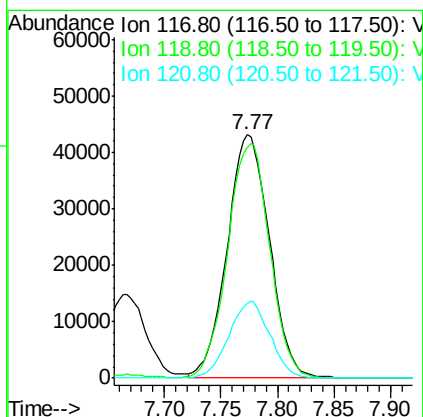
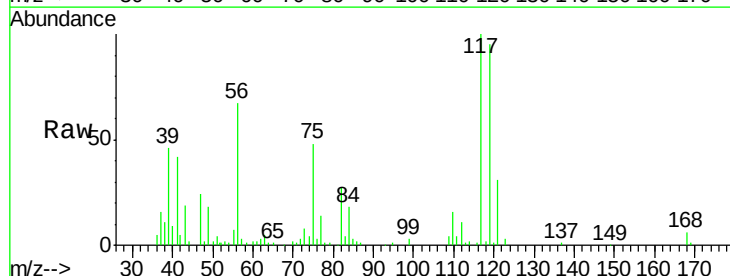
Instrument :
MSVOA_N
ClientSampled :
VN0427WBS01

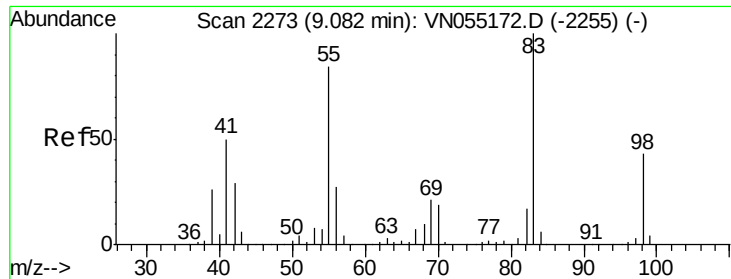
Tot Ion: 43 Resp: 102490
Ion Ratio Lower Upper
43 100
61 14.1 9.7 14.5
70 8.8 6.9 10.3



#38
Carbon Tetrachloride
Concen: 20.566 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VN055272.D
Acq: 26 Apr 2019 13:34

Tgt Ion: 117 Resp: 111415
Ion Ratio Lower Upper
117 100
119 95.2 76.0 114.0
121 30.9 24.6 36.8

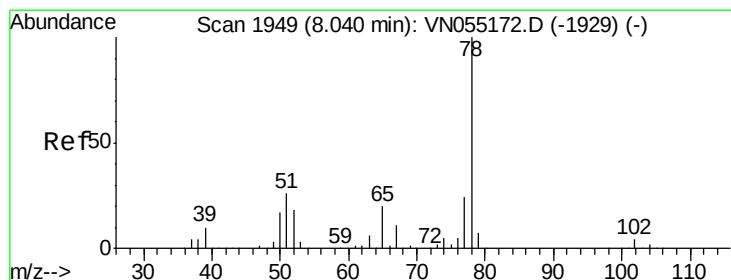
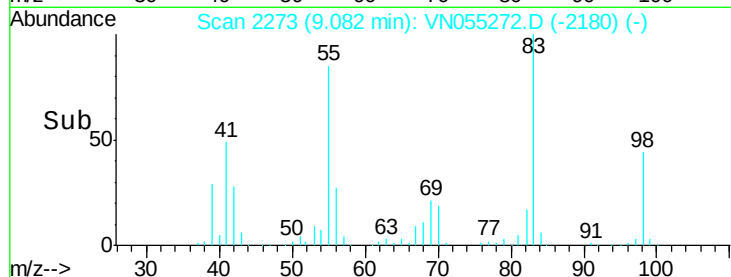
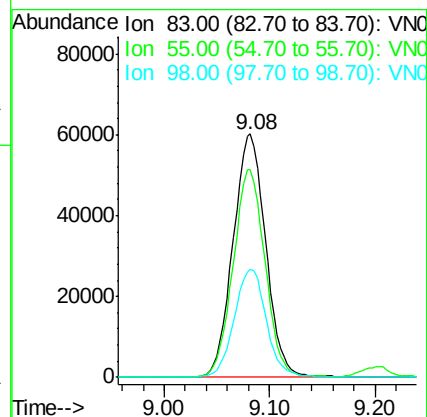
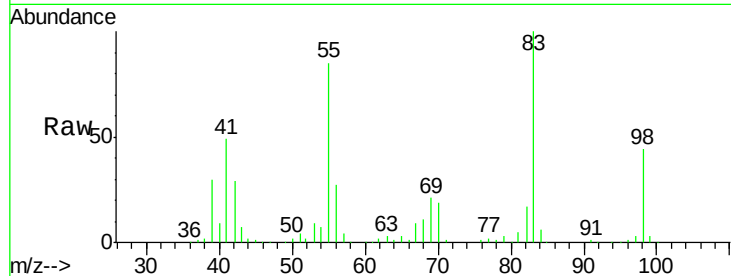




#39
Methylvlcyclohexane
Concen: 18.685 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN055272.D
Acq: 26 Apr 2019 13:34

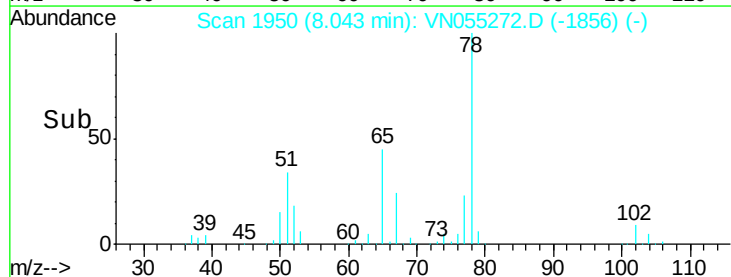
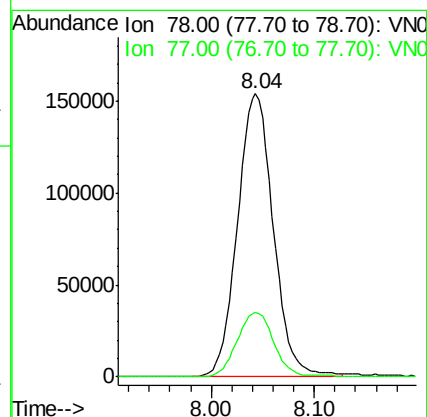
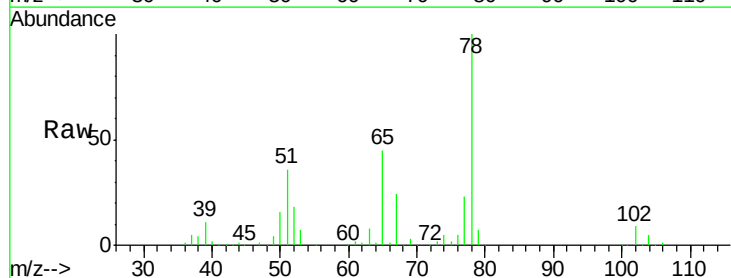
Instrument :
MSVOA_N
ClientSampleId :
VN0427WBS01

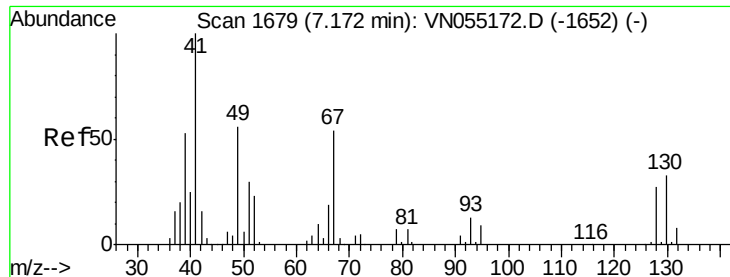
Tot Ion: 83 Resp: 128959
Ion Ratio Lower Upper
83 100
55 85.4 67.4 101.0
98 44.3 34.7 52.1



#40
Benzene
Concen: 20.835 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN055272.D
Acq: 26 Apr 2019 13:34

Tgt Ion: 78 Resp: 372085
Ion Ratio Lower Upper
78 100
77 22.7 19.5 29.3





#41

Methacrylonitrile

Concen: 21.849 ug/l

RT: 7.18 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VN055272.D

Acq: 26 Apr 2019 13:34

Instrument :

MSVOA_N

ClientSampleId :

VN0427WBS01

Tot Ion: 41 Resp: 53479

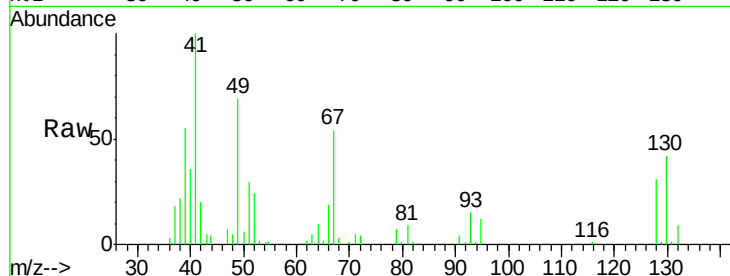
Ion Ratio Lower Upper

41 100

39 60.7 45.4 68.0

67 72.4 54.6 81.8

52 31.4 22.8 34.2

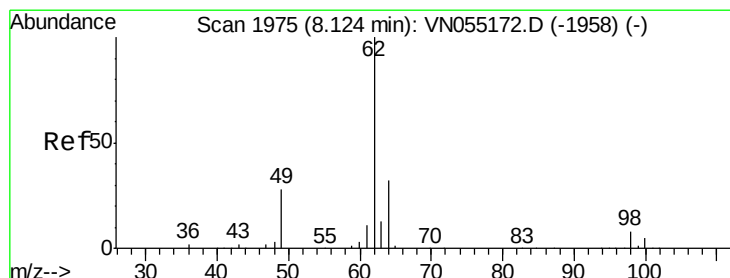
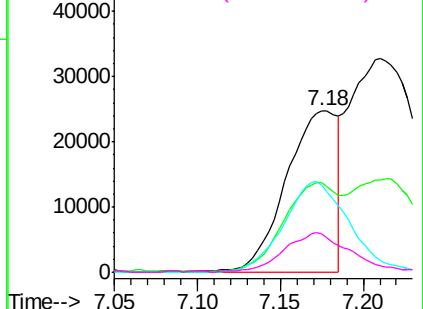
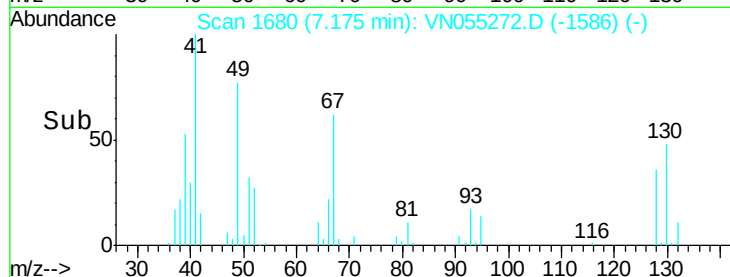


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#42

1,2-Dichloroethane

Concen: 21.275 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN055272.D

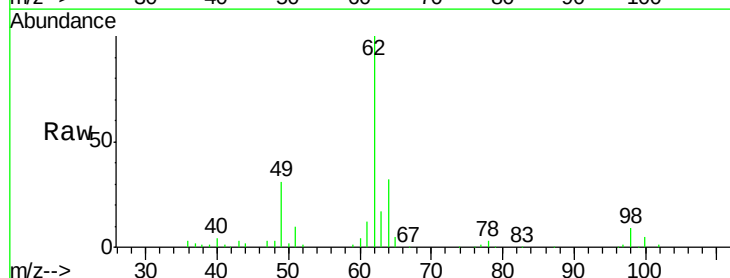
Acq: 26 Apr 2019 13:34

Tgt Ion: 62 Resp: 132546

Ion Ratio Lower Upper

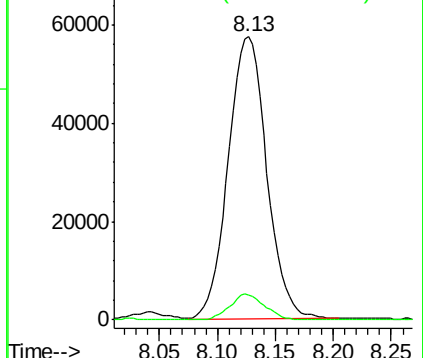
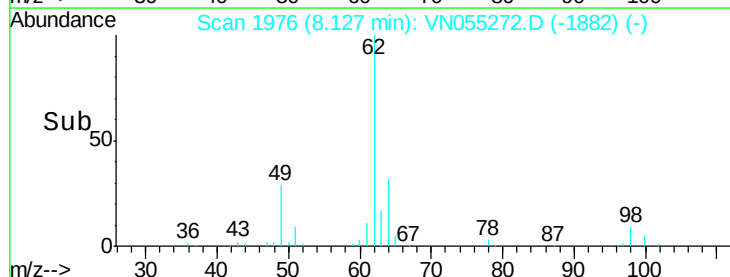
62 100

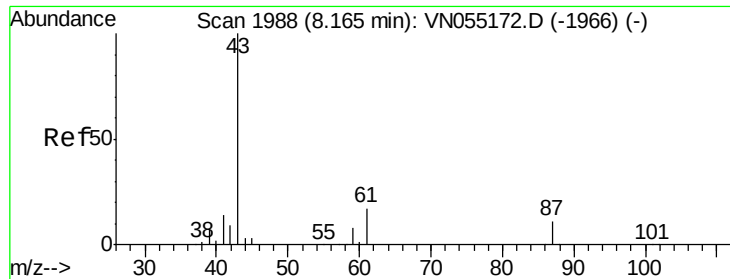
98 8.3 0.0 17.0



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 22.107 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN055272.D

Acq: 26 Apr 2019 13:34

Instrument :

MSVOA_N

ClientSampleId :

VN0427WBS01

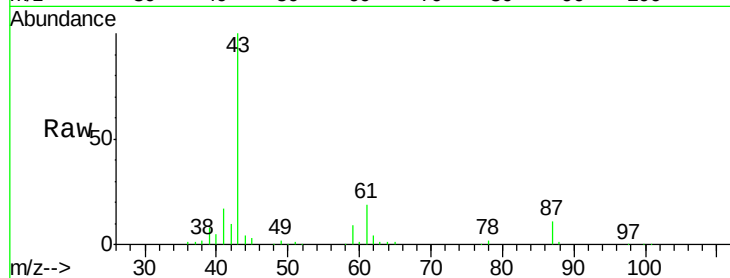
Tot Ion: 43 Resp: 167138

Ion Ratio Lower Upper

43 100

61 18.3 20.6 30.8#

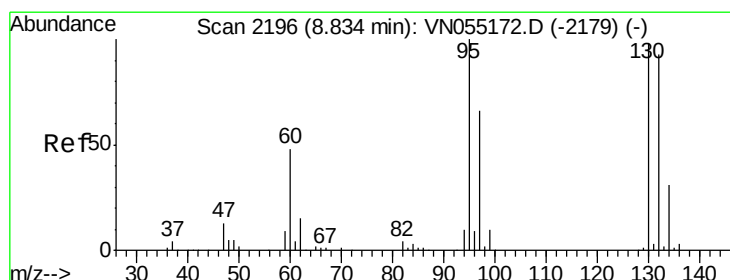
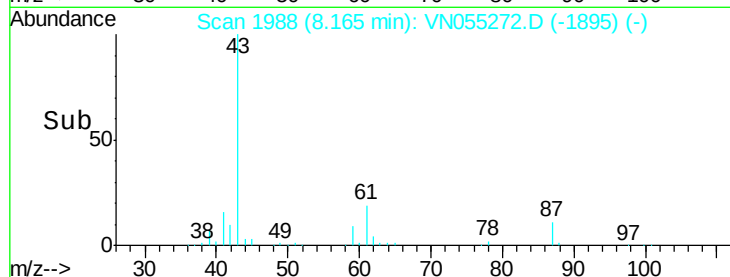
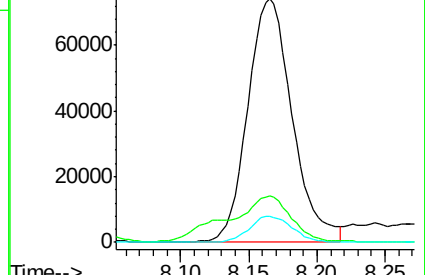
87 10.3 8.8 13.2



Abundance Ion 43.00 (42.70 to 43.70): VN055172.D (-1966) (-)

Ion 61.00 (60.70 to 61.70): VN055172.D (-1966) (-)

Ion 87.00 (86.70 to 87.70): VN055172.D (-1966) (-)



#44

Trichloroethene

Concen: 20.427 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN055272.D

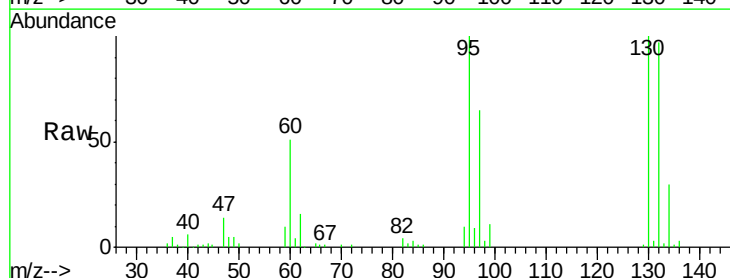
Acq: 26 Apr 2019 13:34

Tgt Ion:130 Resp: 92202

Ion Ratio Lower Upper

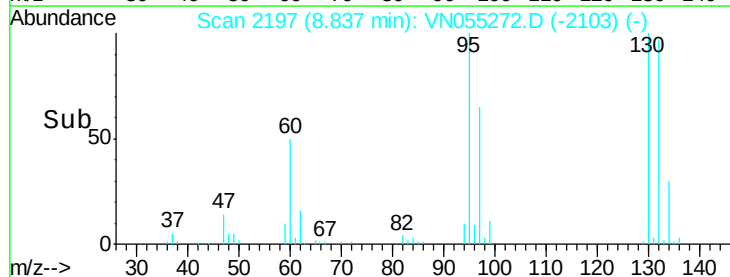
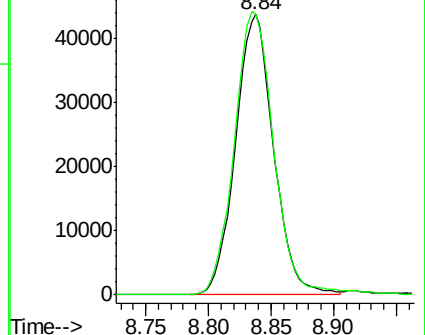
130 100

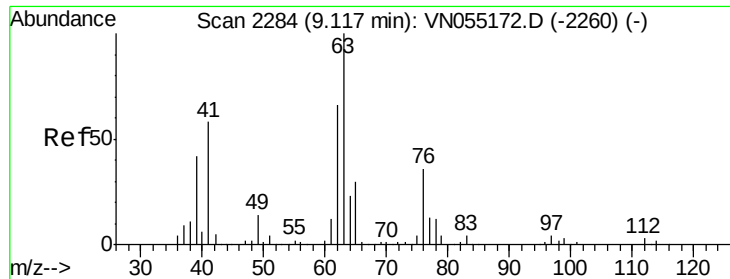
95 100.3 0.0 203.6



Abundance Ion 129.80 (129.50 to 130.50): VN055172.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN055172.D (-2179) (-)

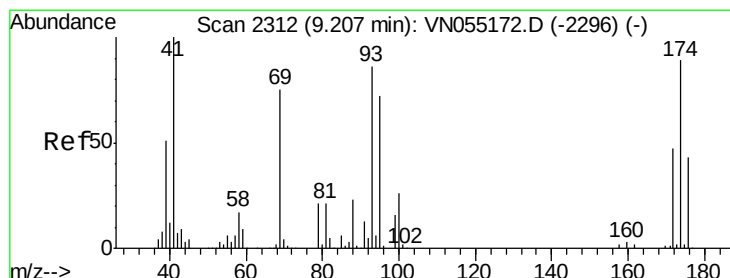
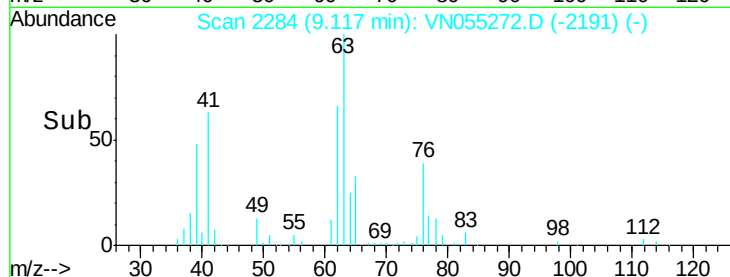
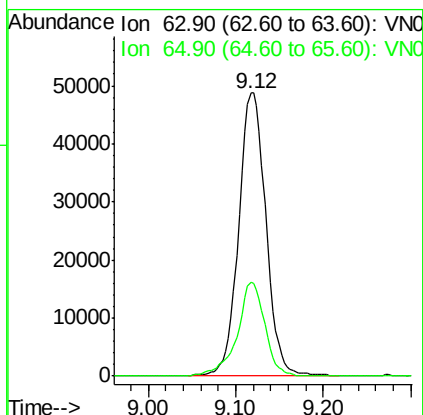
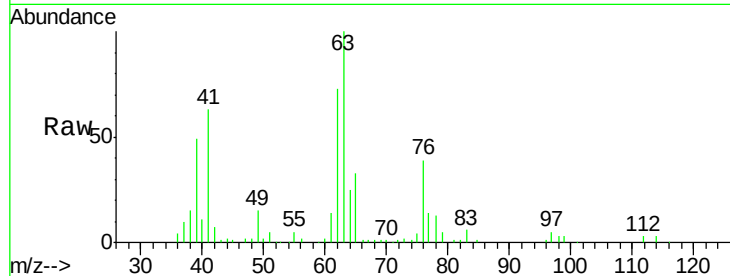




#45
 1,2-Dichloropropane
 Concen: 20.978 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN055272.D
 Acq: 26 Apr 2019 13:34

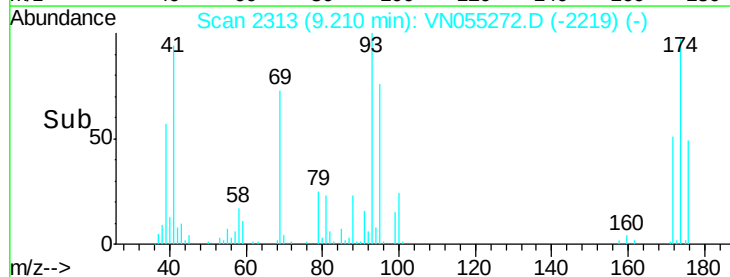
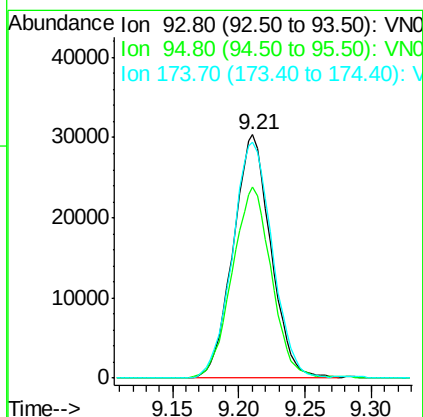
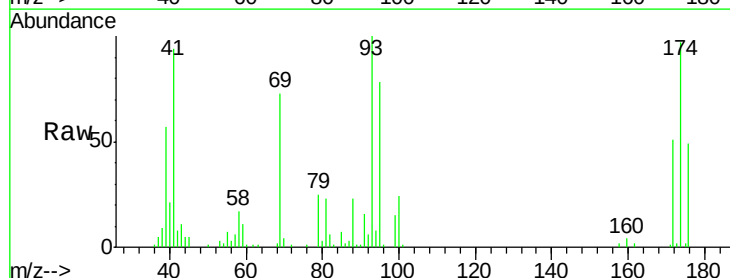
Instrument :
 MSVOA_N
 ClientSampled :
 VN0427WBS01

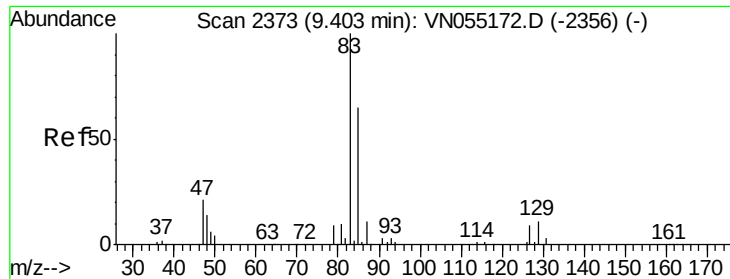
Tot Ion: 63 Resp: 105748
 Ion Ratio Lower Upper
 63 100
 65 33.2 23.8 35.6



#46
 Dibromomethane
 Concen: 20.799 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN055272.D
 Acq: 26 Apr 2019 13:34

Tgt Ion: 93 Resp: 60019
 Ion Ratio Lower Upper
 93 100
 95 81.4 67.6 101.4
 174 102.3 83.4 125.2





#47

Bromodichloromethane

Concen: 21.492 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN055272.D

Acq: 26 Apr 2019 13:34

Instrument :

MSVOA_N

ClientSampleId :

VN0427WBS01

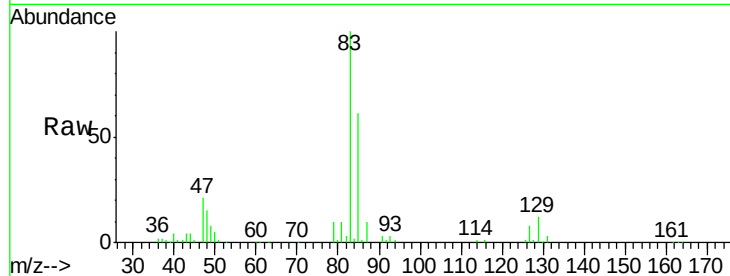
Tot Ion: 83 Resp: 124156

Ion Ratio Lower Upper

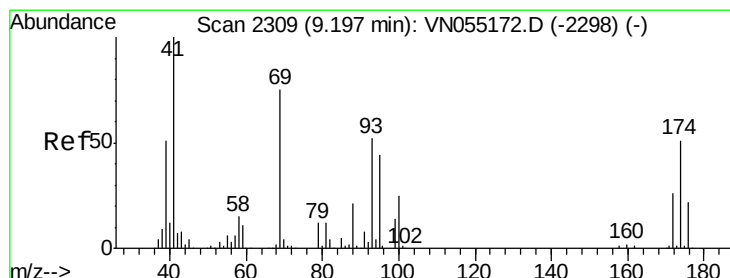
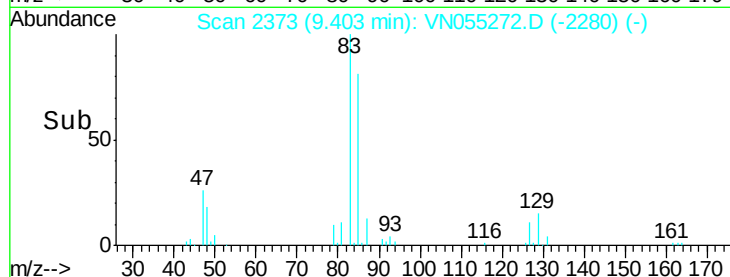
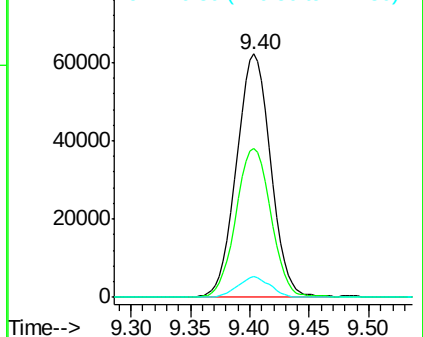
83 100

85 61.3 52.1 78.1

127 8.4 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 21.740 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN055272.D

Acq: 26 Apr 2019 13:34

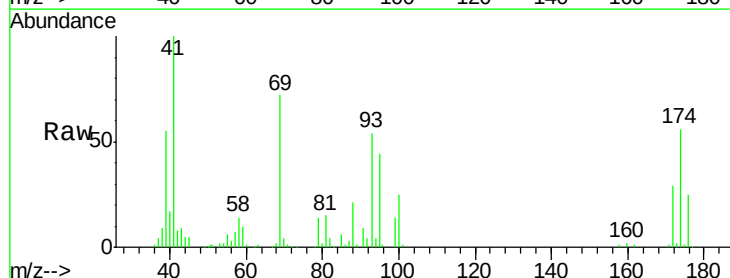
Tgt Ion: 41 Resp: 79728

Ion Ratio Lower Upper

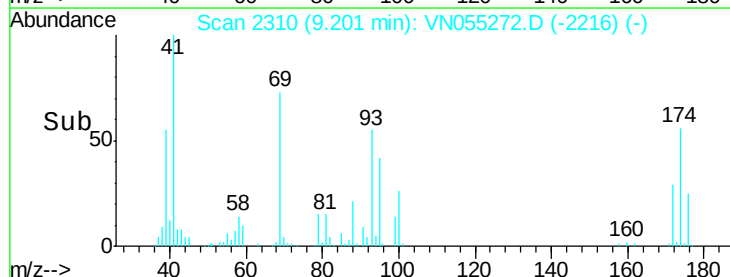
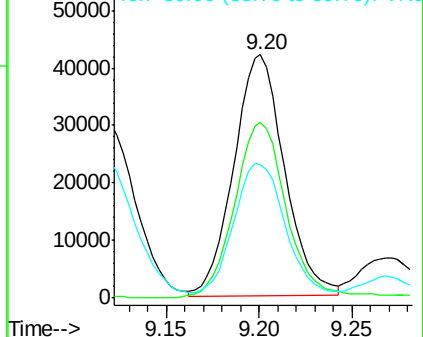
41 100

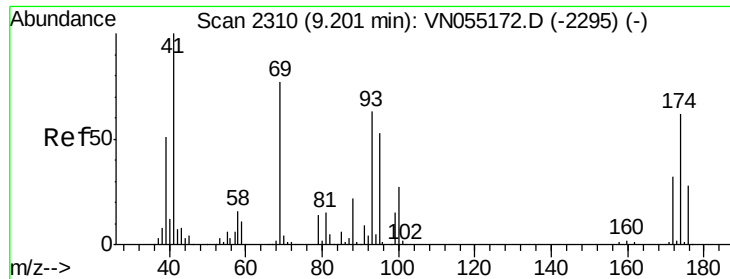
69 74.2 63.6 95.4

39 57.0 43.8 65.8



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 441.474 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN055272.D

Acq: 26 Apr 2019 13:34

Instrument :

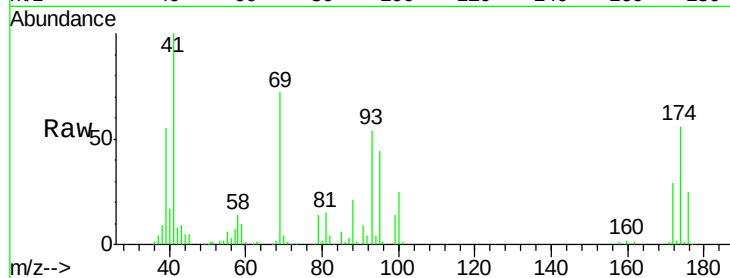
MSVOA_N

ClientSampleId :

VN0427WBS01

Tot Ion: 88 Resp: 18697

Ion	Ratio	Lower	Upper
88	100		
43	37.9	32.0	48.0
58	73.3	60.4	90.6

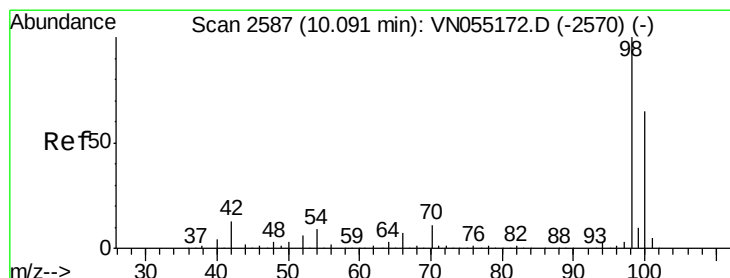
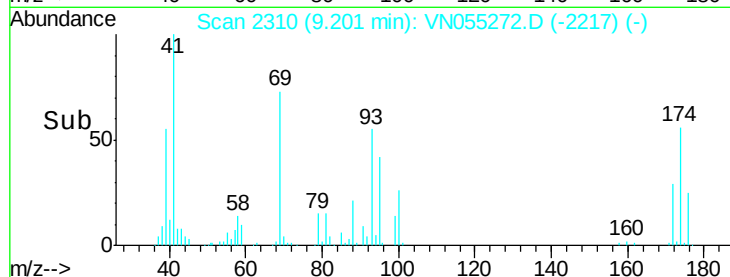
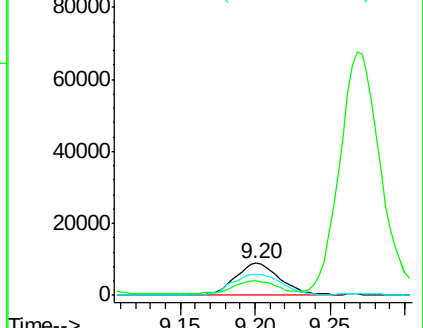


Abundance

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: 49.405 ug/l

RT: 10.09 min Scan# 2587

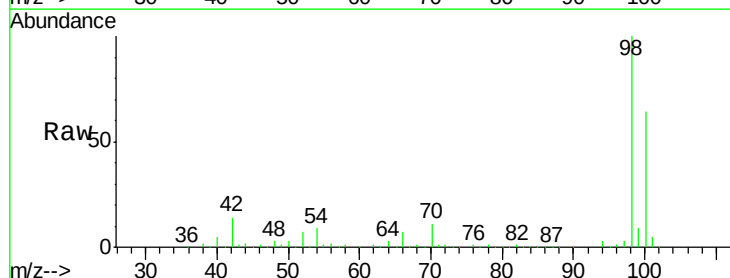
Delta R.T. 0.00 min

Lab File: VN055272.D

Acq: 26 Apr 2019 13:34

Tgt Ion: 98 Resp: 775101

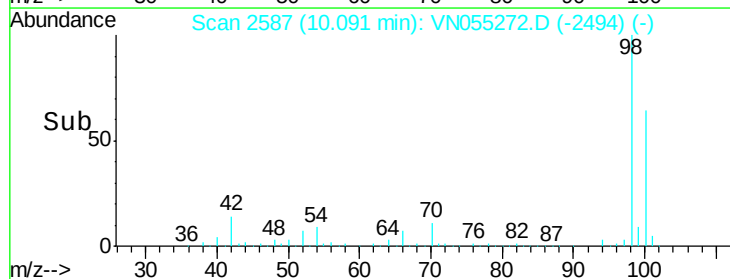
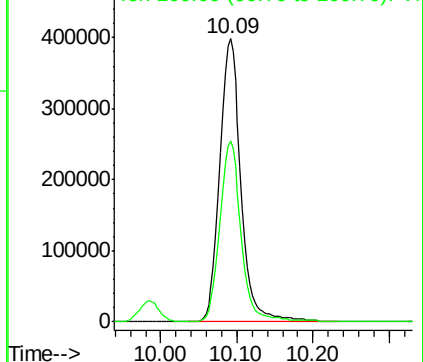
Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.8	77.6

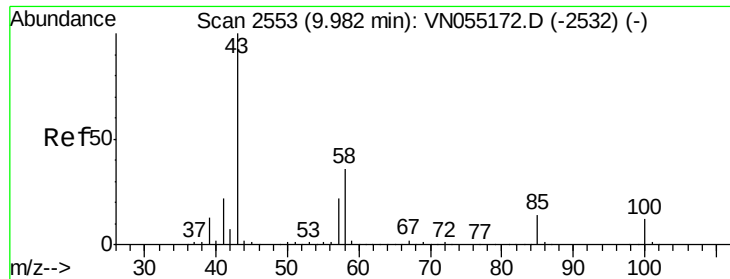


Abundance

Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 111.580 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN055272.D

Acq: 26 Apr 2019 13:34

Instrument :

MSVOA_N

ClientSampleId :

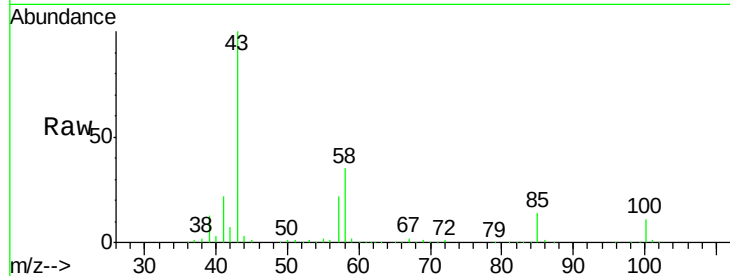
VN0427WBS01

Tot Ion: 43 Resp: 485423

Ion Ratio Lower Upper

43 100

58 35.4 28.3 42.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

9.99

250000

200000

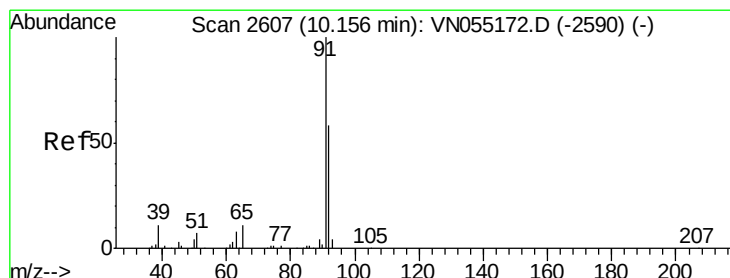
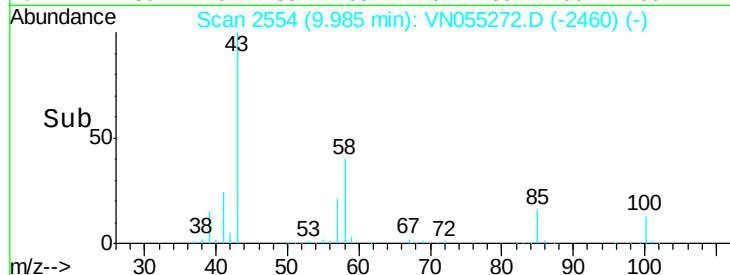
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 20.725 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN055272.D

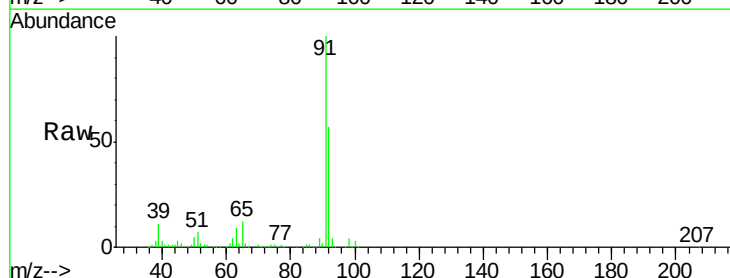
Acq: 26 Apr 2019 13:34

Tgt Ion: 92 Resp: 216975

Ion Ratio Lower Upper

92 100

91 177.3 138.7 208.1



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

10.16

200000

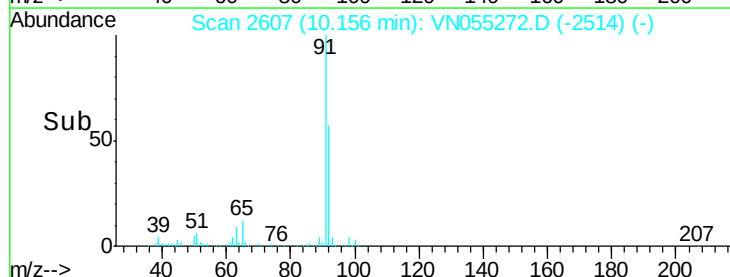
150000

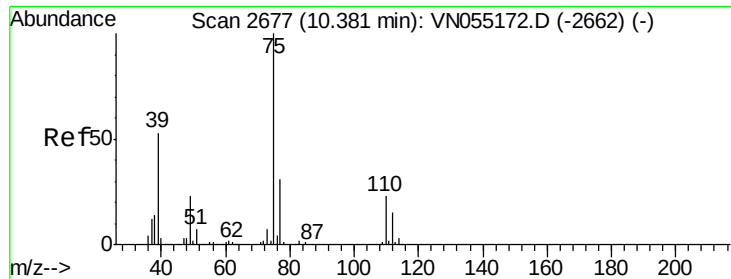
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 20.938 ug/l

RT: 10.38 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN055272.D

Acq: 26 Apr 2019 13:34

Instrument :

MSVOA_N

ClientSampleId :

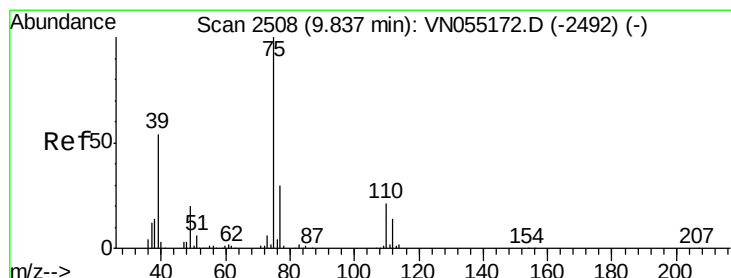
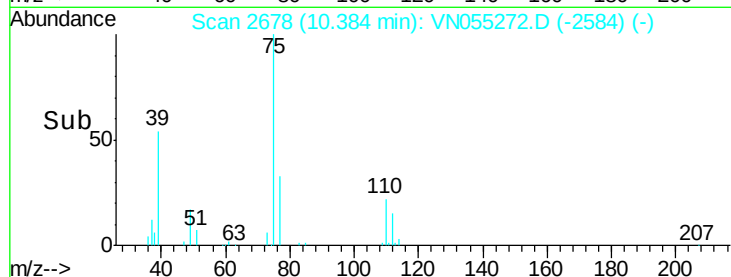
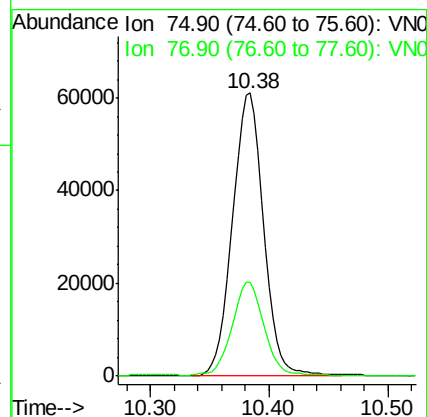
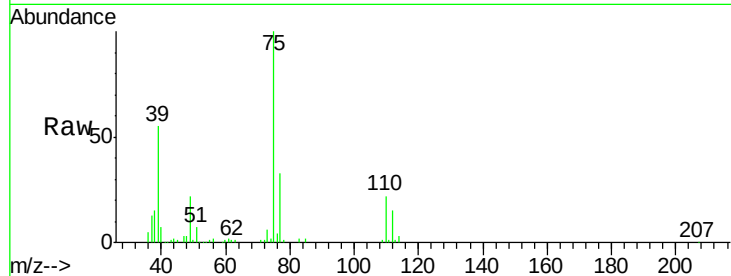
VN0427WBS01

Tot Ion: 75 Resp: 111002

Ion Ratio Lower Upper

75 100

77 32.9 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 20.888 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN055272.D

Acq: 26 Apr 2019 13:34

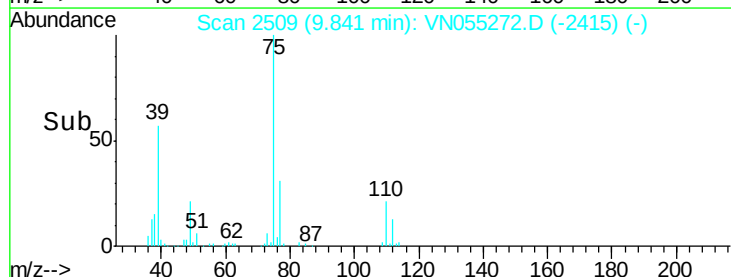
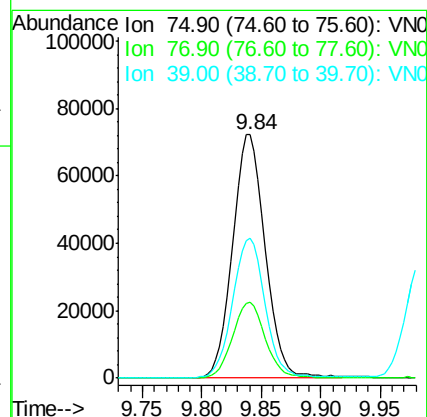
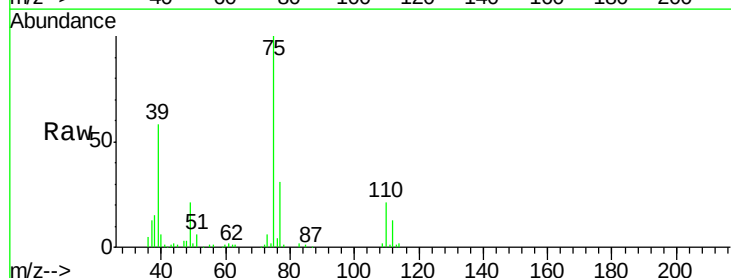
Tgt Ion: 75 Resp: 137423

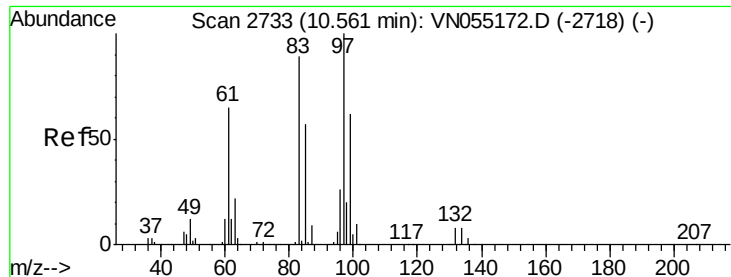
Ion Ratio Lower Upper

75 100

77 31.2 24.3 36.5

39 57.3 43.0 64.4





#55

1,1,2-Trichloroethane

Concen: 21.514 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VN055272.D

Acq: 26 Apr 2019 13:34

Instrument :

MSVOA_N

ClientSampled :

VN0427WBS01

Tot Ion: 97 Resp: 83039

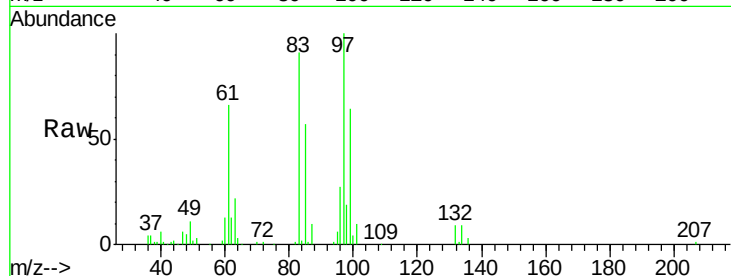
Ion Ratio Lower Upper

97 100

83 90.7 71.5 107.3

85 57.2 45.8 68.6

99 63.5 49.9 74.9

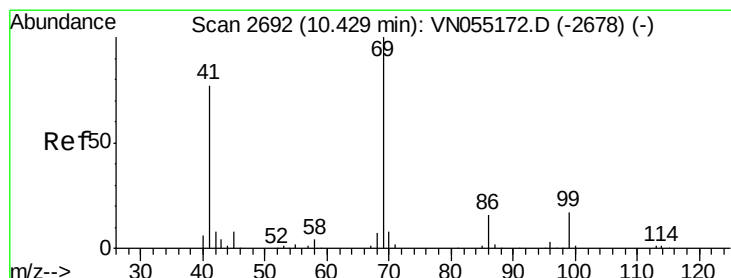
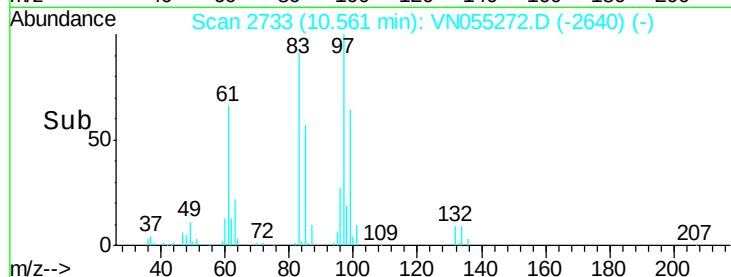
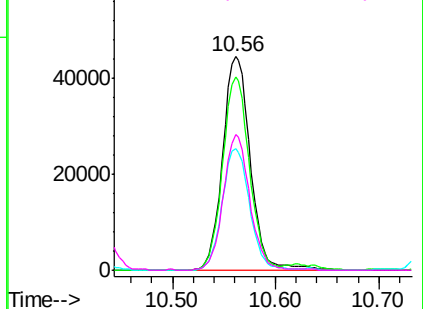


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 21.820 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN055272.D

Acq: 26 Apr 2019 13:34

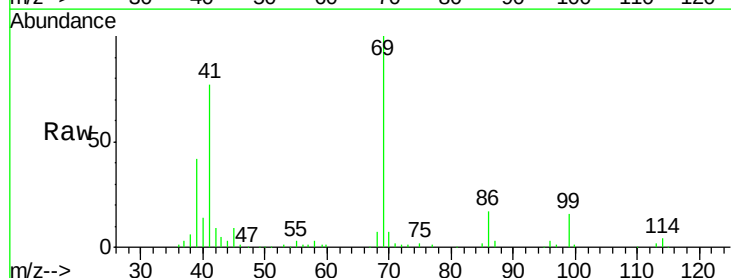
Tgt Ion: 69 Resp: 104915

Ion Ratio Lower Upper

69 100

41 76.7 60.6 90.8

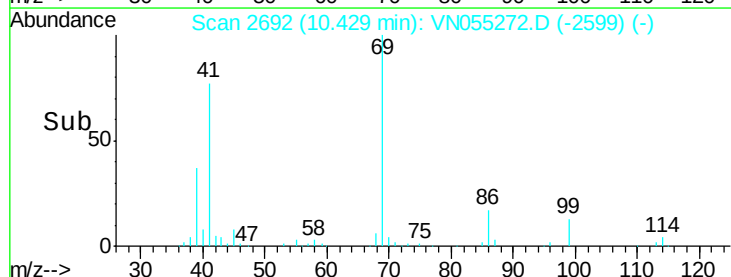
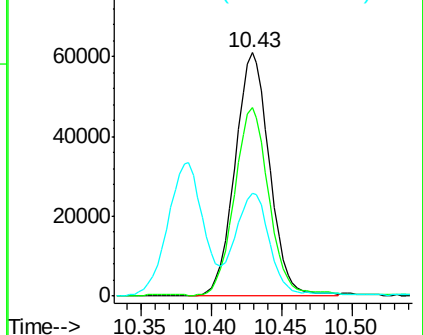
39 40.0 31.7 47.5

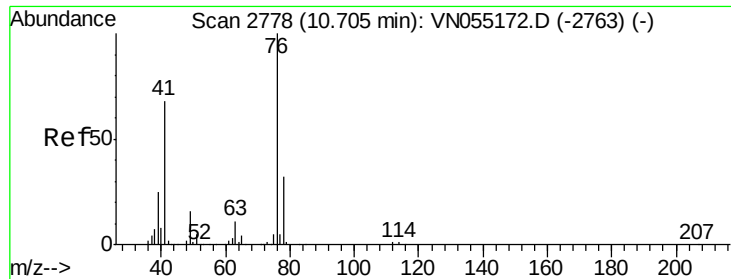


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 21.530 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN055272.D

Acq: 26 Apr 2019 13:34

Instrument :

MSVOA_N

ClientSampled :

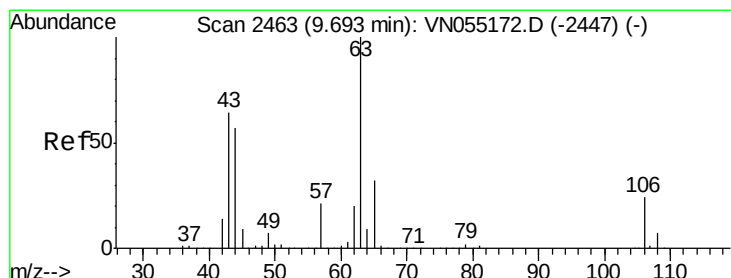
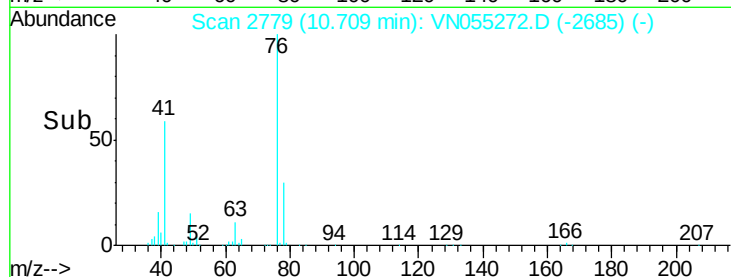
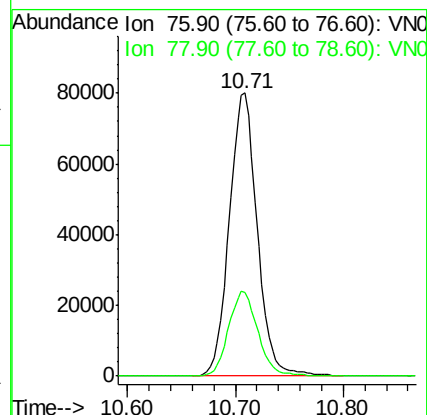
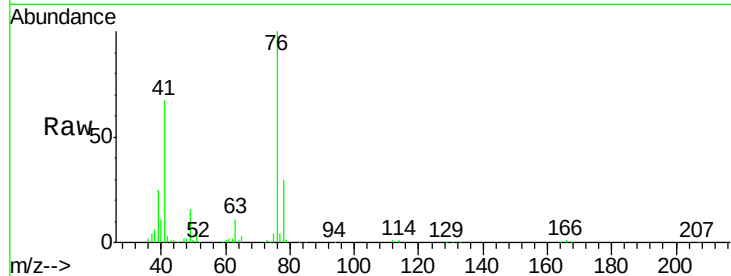
VN0427WBS01

Tot Ion: 76 Resp: 144578

Ion Ratio Lower Upper

76 100

78 31.5 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 80.317 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN055272.D

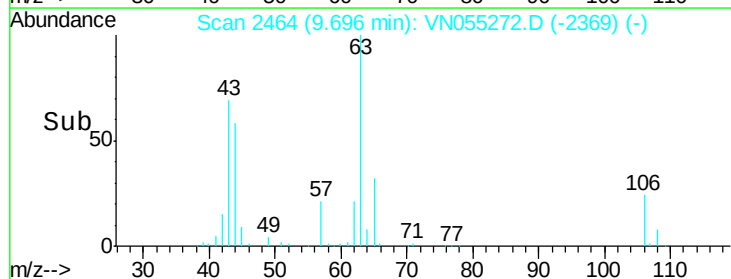
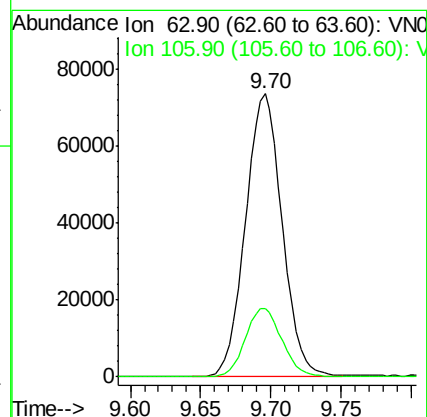
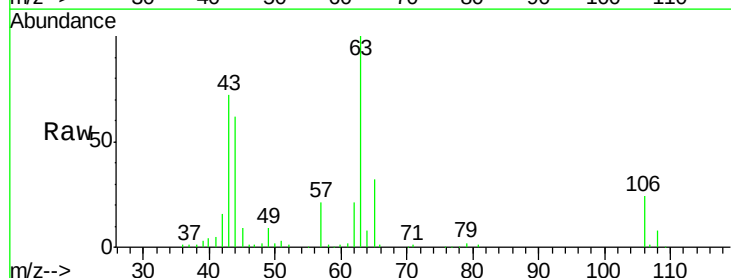
Acq: 26 Apr 2019 13:34

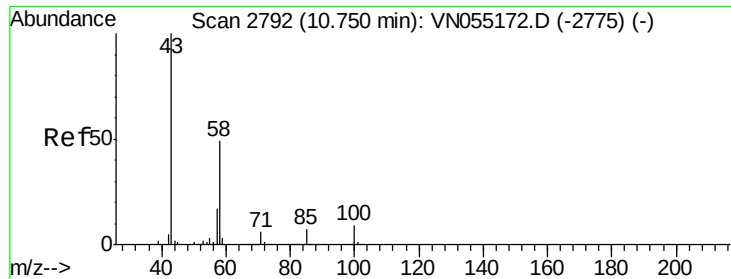
Tgt Ion: 63 Resp: 133946

Ion Ratio Lower Upper

63 100

106 24.3 19.4 29.0

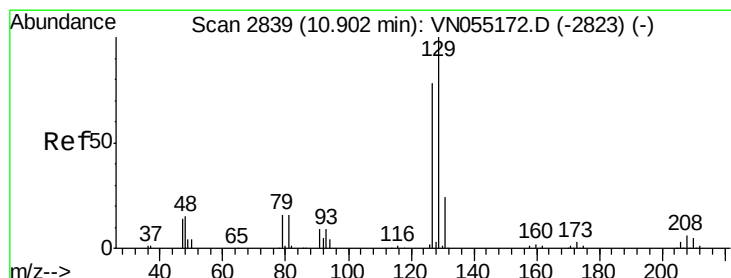
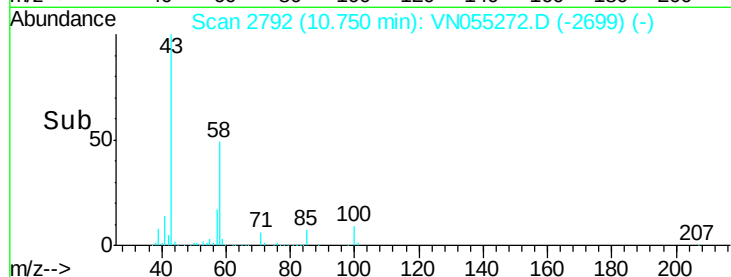
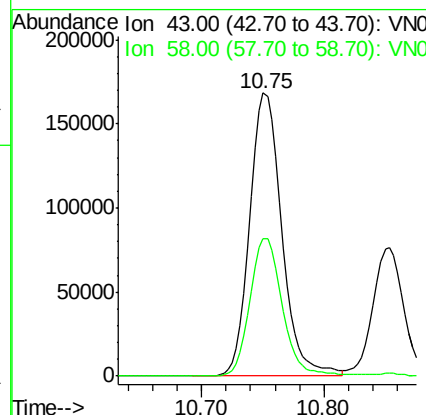
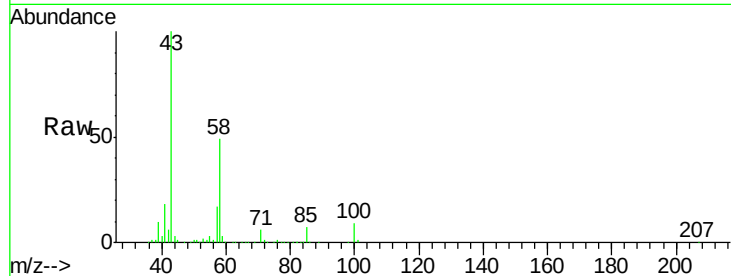




#59
2-Hexanone
Concen: 110.728 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN055272.D
Acq: 26 Apr 2019 13:34

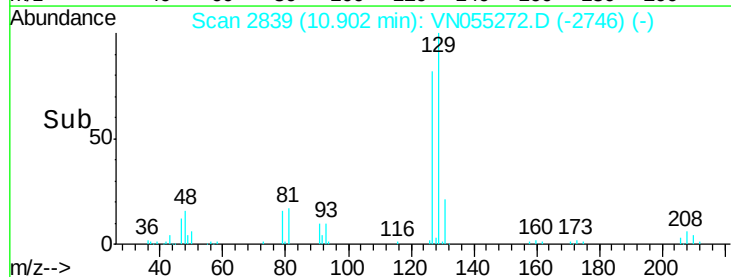
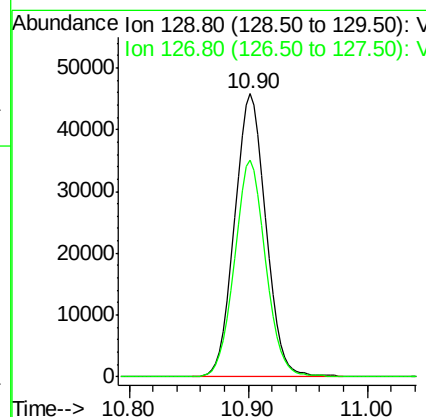
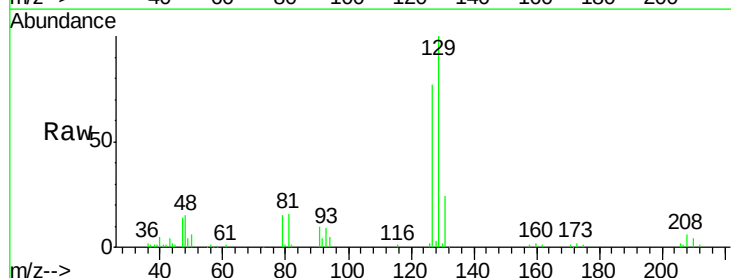
Instrument :
MSVOA_N
ClientSampleId :
VN0427WBS01

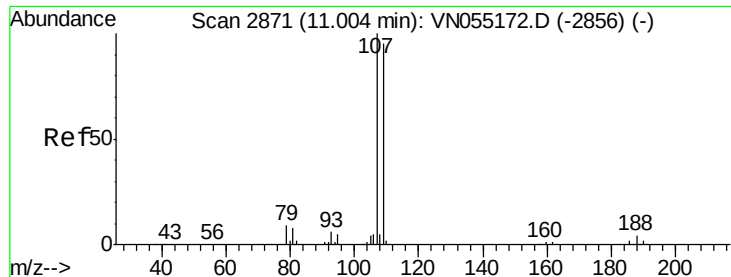
Tot Ion: 43 Resp: 304274
Ion Ratio Lower Upper
43 100
58 49.2 24.5 73.5



#60
Dibromochloromethane
Concen: 20.992 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN055272.D
Acq: 26 Apr 2019 13:34

Tgt Ion: 129 Resp: 83456
Ion Ratio Lower Upper
129 100
127 76.3 39.0 117.0





#61

1,2-Dibromoethane

Concen: 21.497 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VN055272.D

Acq: 26 Apr 2019 13:34

Instrument :

MSVOA_N

ClientSampleId :

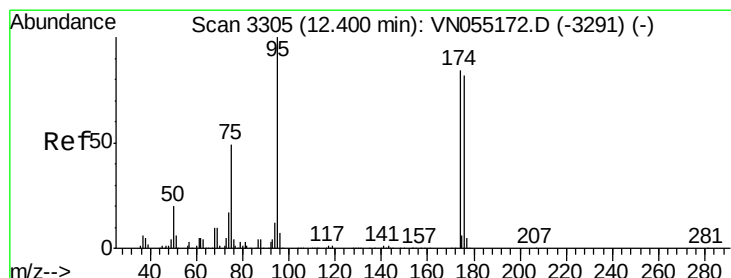
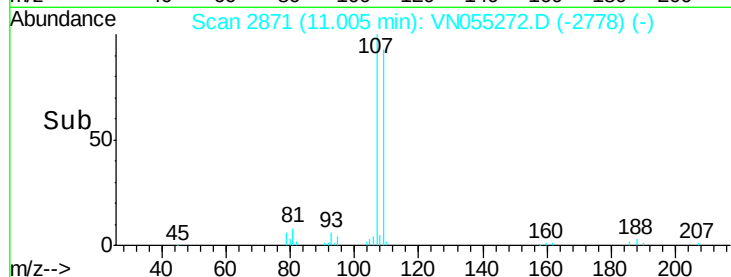
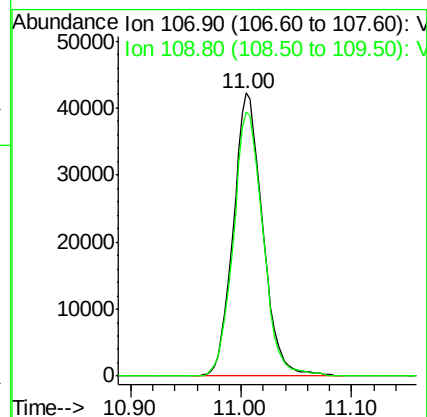
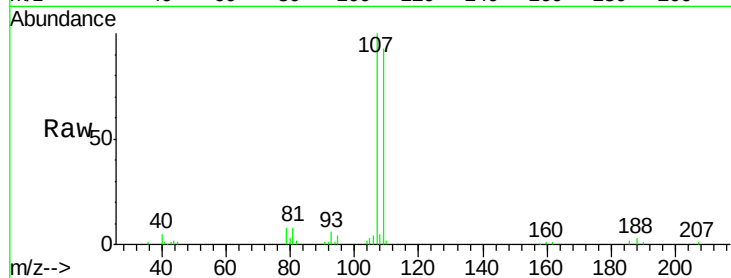
VN0427WBS01

Tot Ion:107 Resp: 78008

Ion Ratio Lower Upper

107 100

109 94.4 75.8 113.6



#62

4-Bromofluorobenzene

Concen: 48.565 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055272.D

Acq: 26 Apr 2019 13:34

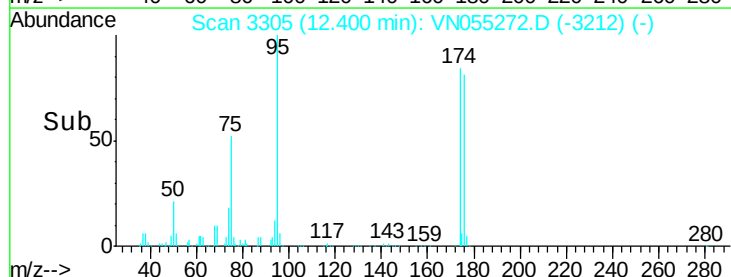
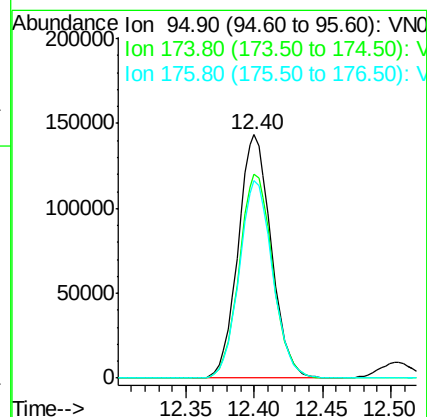
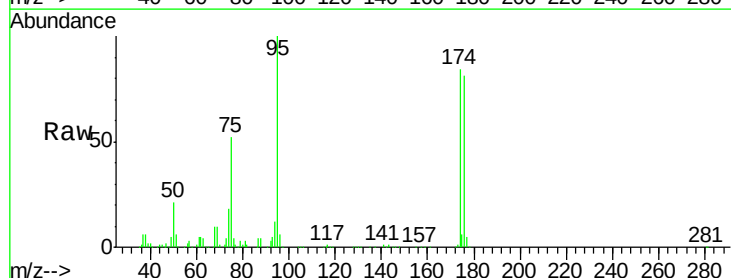
Tgt Ion: 95 Resp: 241280

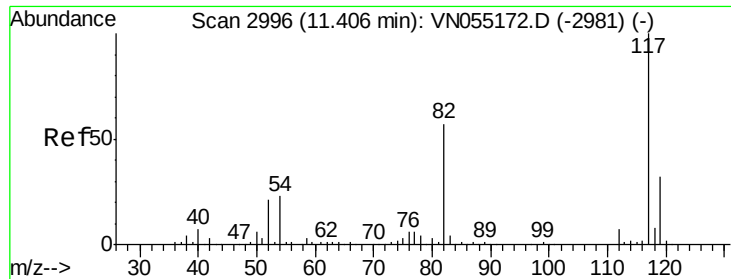
Ion Ratio Lower Upper

95 100

174 84.8 0.0 168.4

176 81.9 0.0 164.0

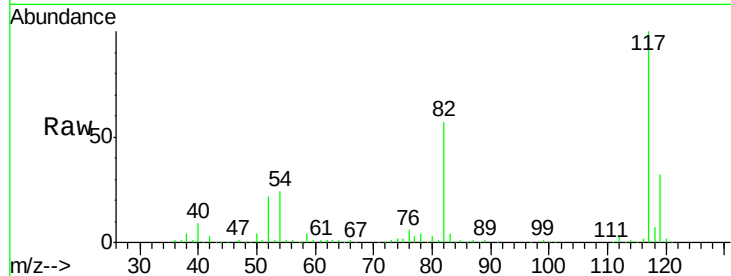




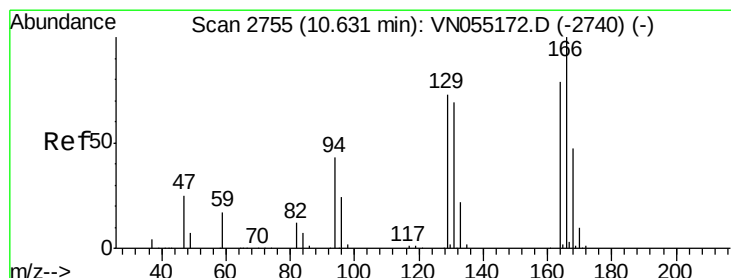
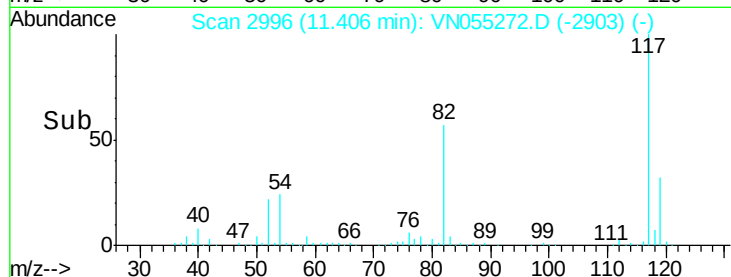
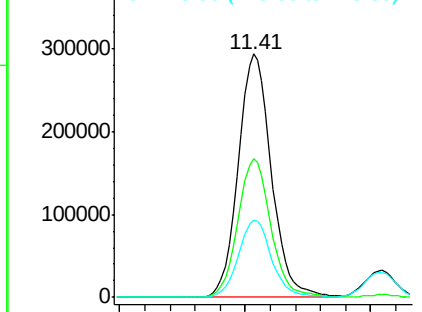
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055272.D
Acq: 26 Apr 2019 13:34

Instrument :
MSVOA_N
ClientSampleId :
VN0427WBS01

Tot Ion:117 Resp: 538925
Ion Ratio Lower Upper
117 100
82 57.2 45.7 68.5
119 32.0 25.4 38.2

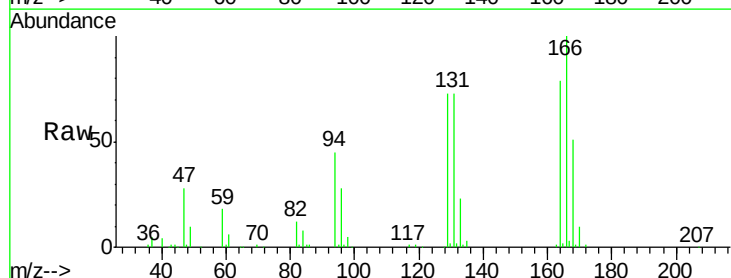


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

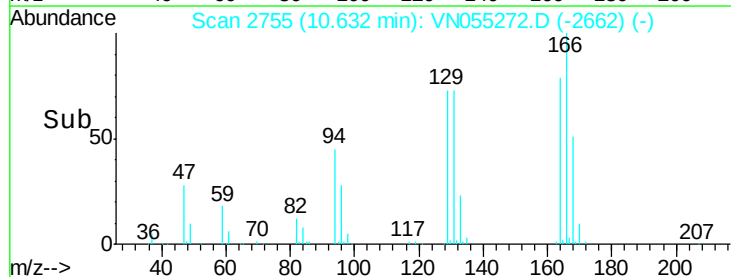
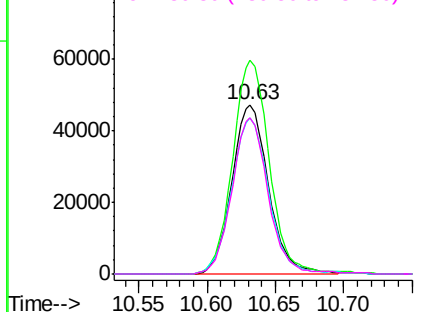


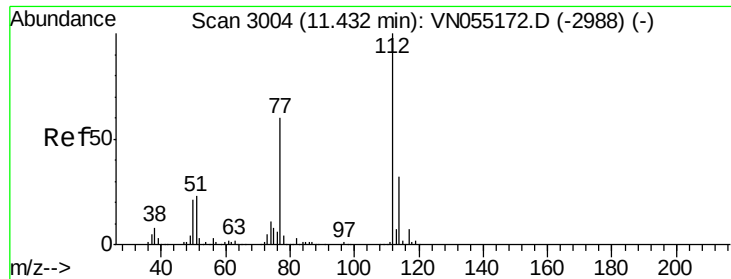
#64
Tetrachloroethene
Concen: 20.055 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN055272.D
Acq: 26 Apr 2019 13:34

Tgt Ion:164 Resp: 88170
Ion Ratio Lower Upper
164 100
166 126.2 101.9 152.9
129 92.0 74.1 111.1
131 92.5 70.6 106.0



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





#65

Chlorobenzene

Concen: 20.085 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. 0.00 min

Lab File: VN055272.D

Acq: 26 Apr 2019 13:34

Instrument :

MSVOA_N

ClientSampled :

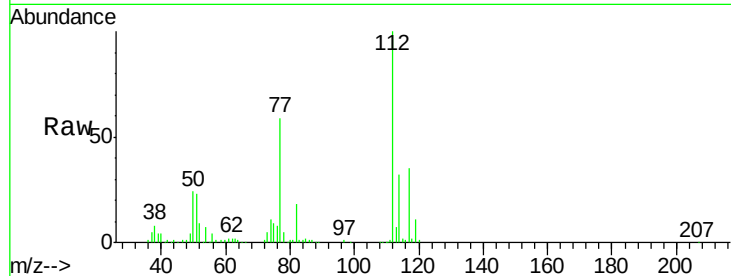
VN0427WBS01

Tot Ion:112 Resp: 220938

Ion Ratio Lower Upper

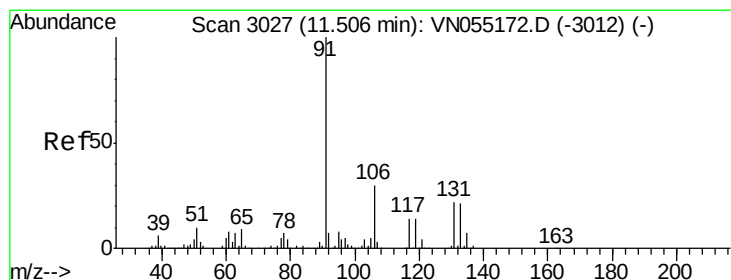
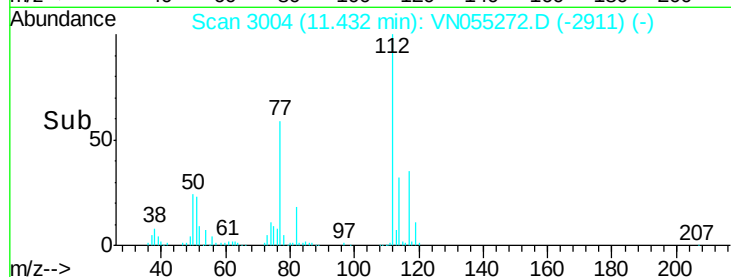
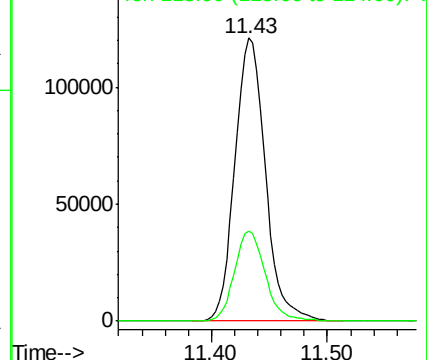
112 100

114 31.9 25.4 38.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.561 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. 0.00 min

Lab File: VN055272.D

Acq: 26 Apr 2019 13:34

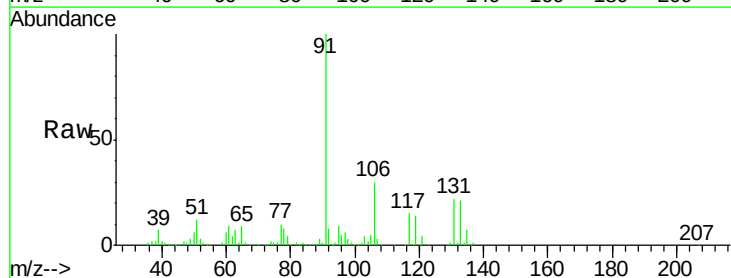
Tgt Ion:131 Resp: 83825

Ion Ratio Lower Upper

131 100

133 95.2 47.7 143.1

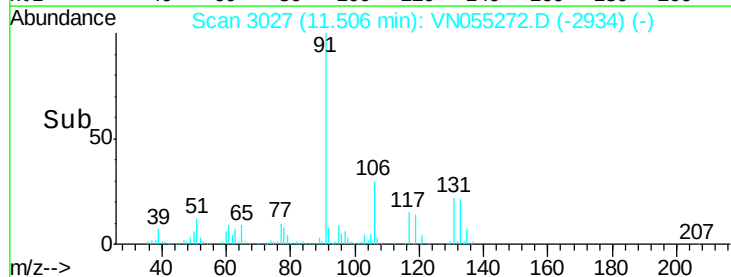
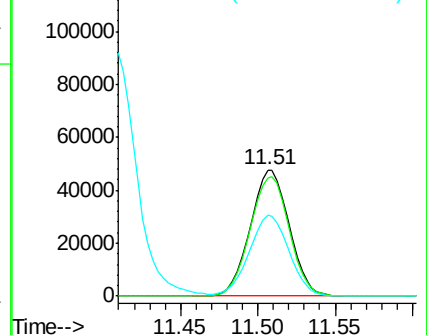
119 65.5 33.2 99.6

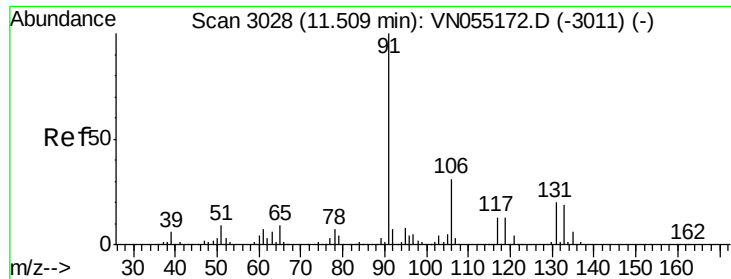


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

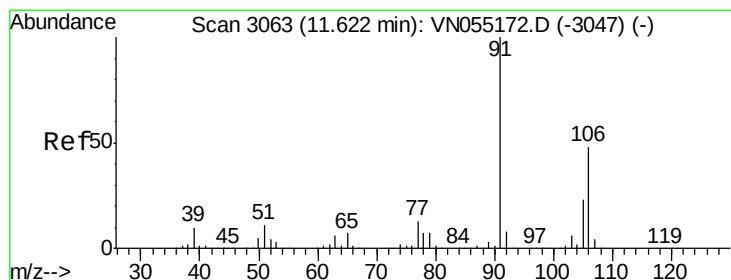
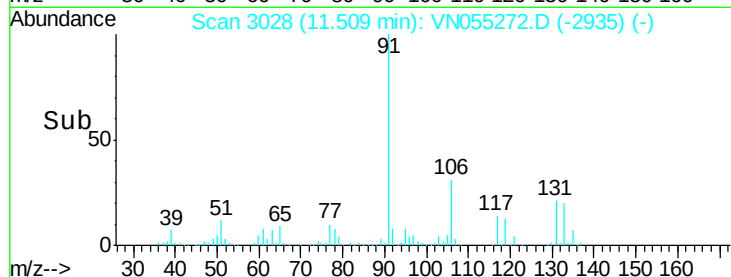
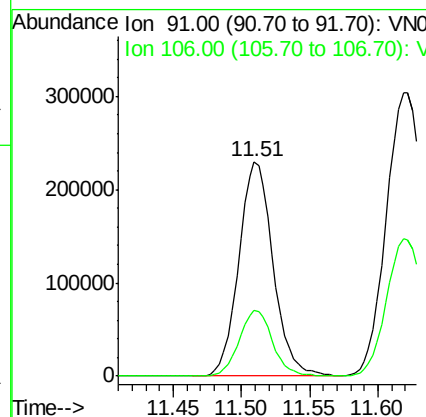
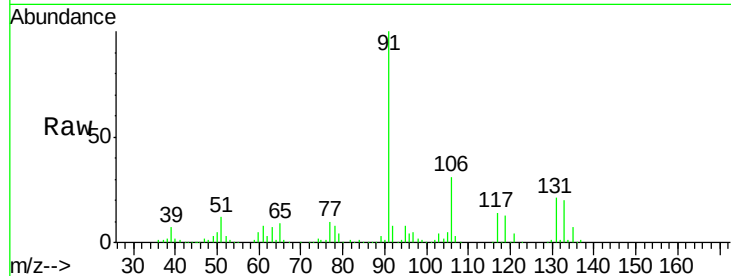




#67
Ethyl Benzene
Concen: 20.480 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055272.D
Acq: 26 Apr 2019 13:34

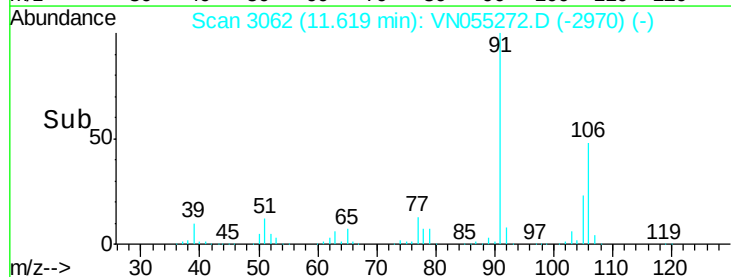
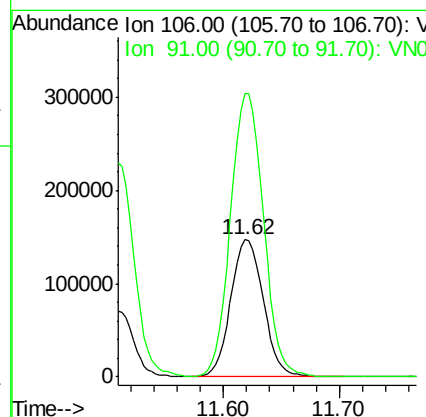
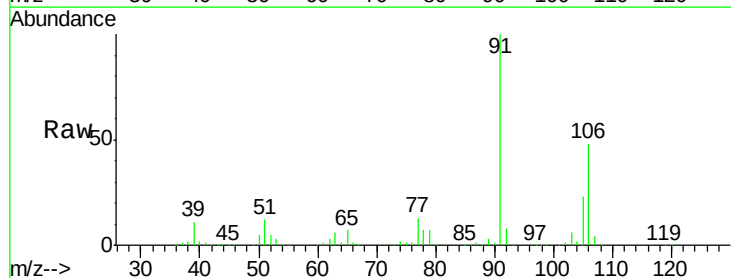
Instrument :
MSVOA_N
ClientSampled :
VN0427WBS01

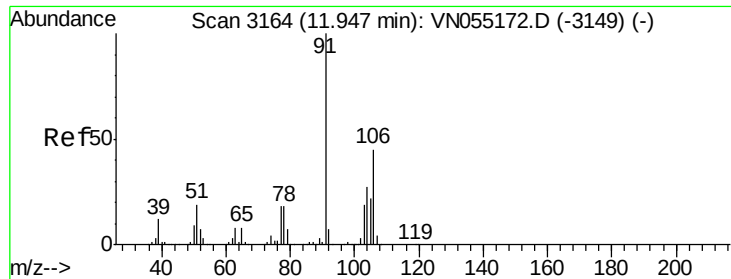
Tot Ion: 91 Resp: 401294
Ion Ratio Lower Upper
91 100
106 30.6 24.5 36.7



#68
m/p-Xylenes
Concen: 40.889 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN055272.D
Acq: 26 Apr 2019 13:34

Tgt Ion: 106 Resp: 287358
Ion Ratio Lower Upper
106 100
91 208.5 167.1 250.7

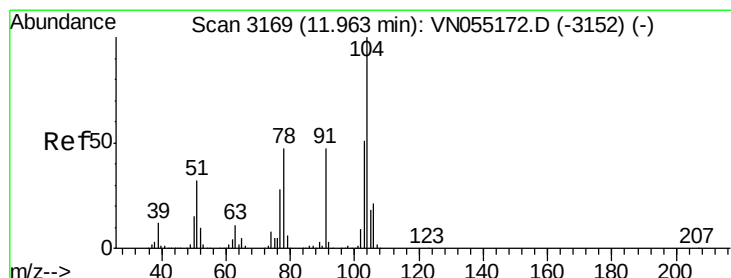
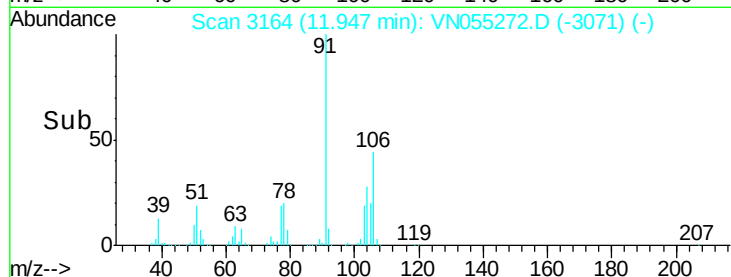
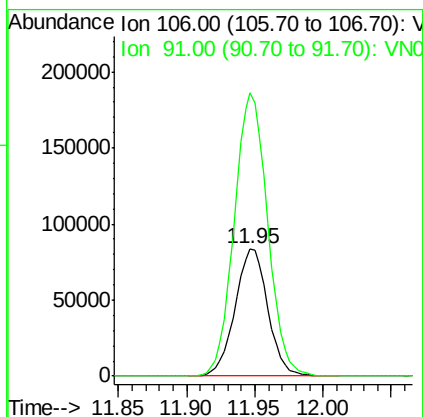
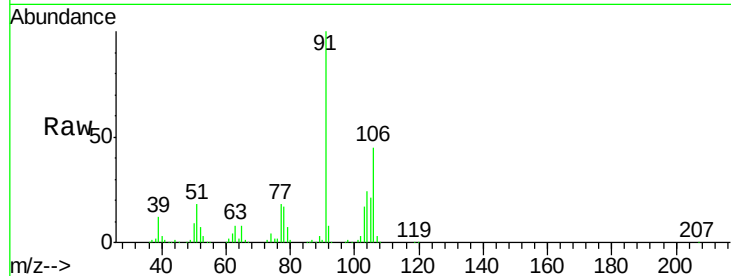




#69
o-Xylene
Concen: 19.972 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055272.D
Acq: 26 Apr 2019 13:34

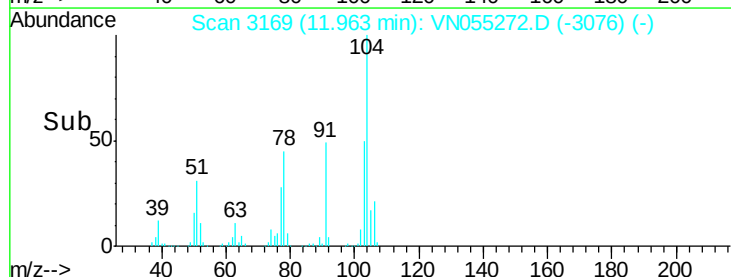
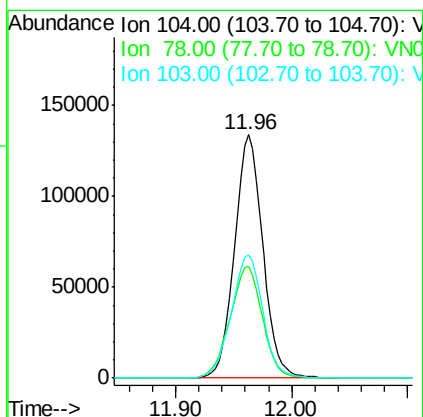
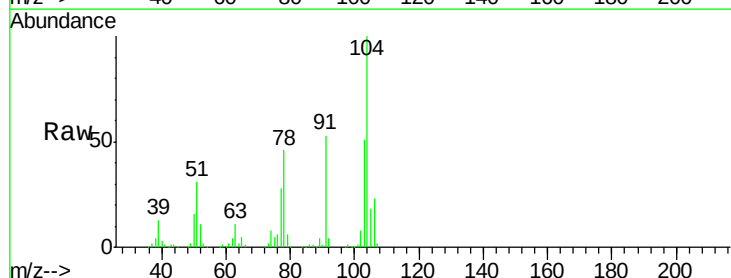
Instrument :
MSVOA_N
ClientSampled :
VN0427WBS01

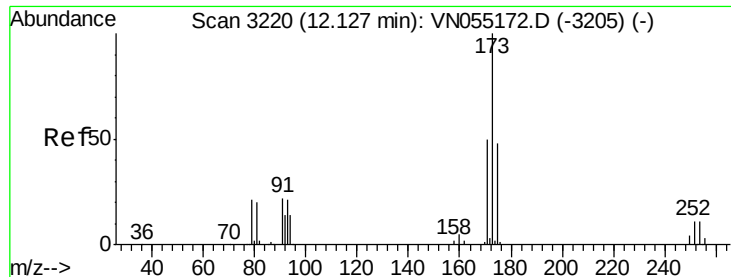
Tot Ion:106 Resp: 139294
Ion Ratio Lower Upper
106 100
91 227.1 110.6 331.8



#70
Styrene
Concen: 20.854 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN055272.D
Acq: 26 Apr 2019 13:34

Tgt Ion:104 Resp: 225449
Ion Ratio Lower Upper
104 100
78 52.5 41.3 61.9
103 56.3 44.2 66.4





#71

Bromoform

Concen: 20.014 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN055272.D

Acq: 26 Apr 2019 13:34

Instrument :

MSVOA_N

ClientSampleId :

VN0427WBS01

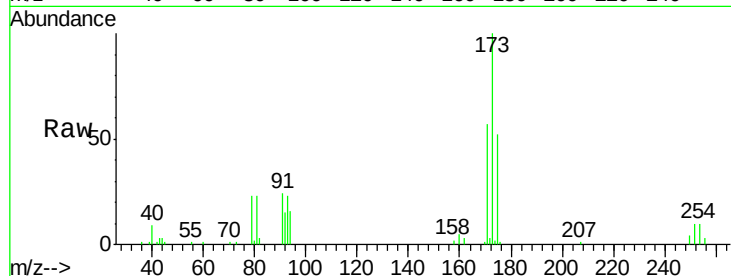
Tot Ion:173 Resp: 48693

Ion Ratio Lower Upper

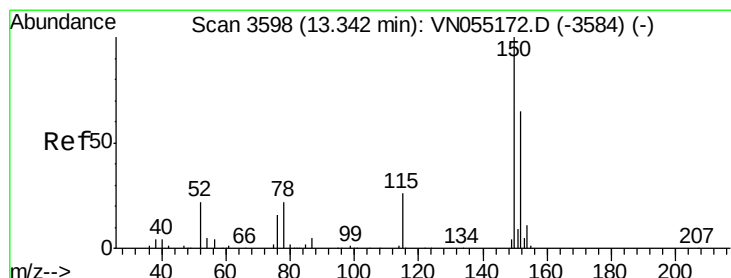
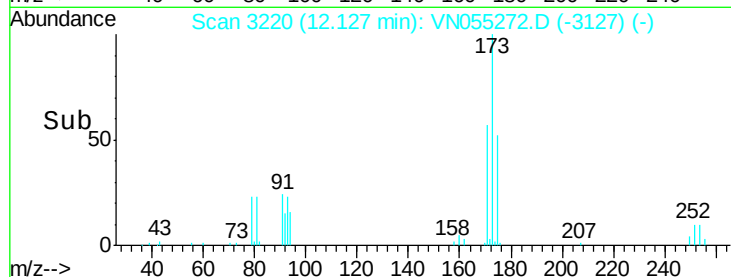
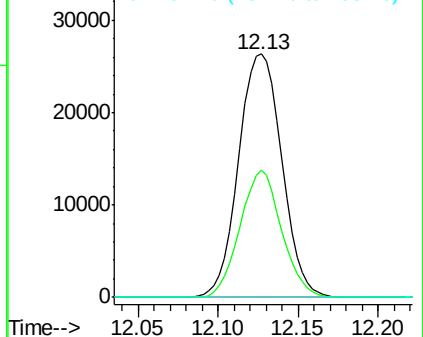
173 100

175 50.0 23.8 71.2

254 0.0 0.1 0.1#



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: VN055272.D

Acq: 26 Apr 2019 13:34

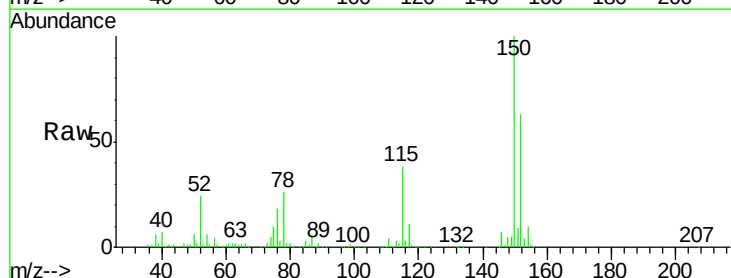
Tgt Ion:152 Resp: 196592

Ion Ratio Lower Upper

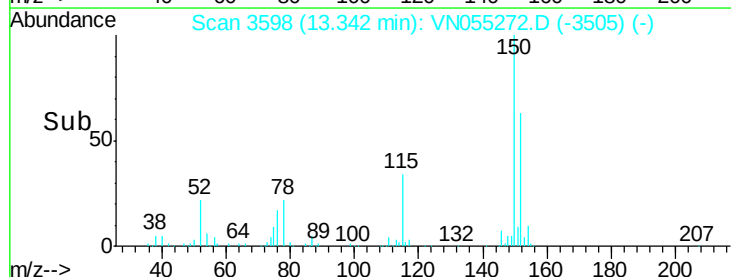
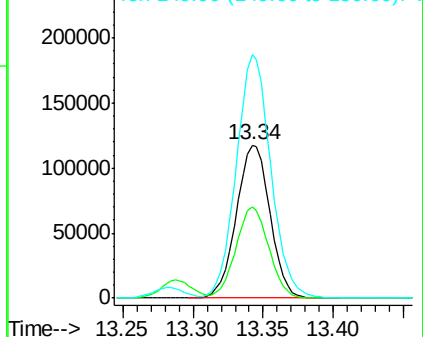
152 100

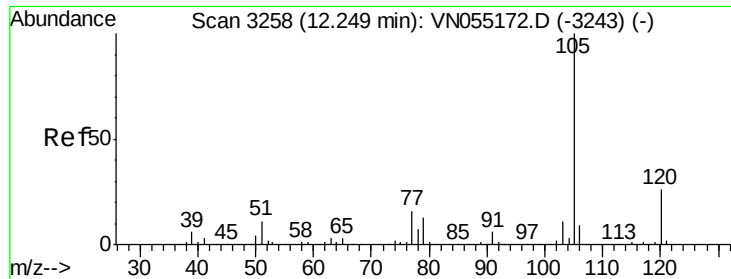
115 58.6 28.9 86.7

150 163.4 0.0 346.6



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: 22.599 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055272.D

Acq: 26 Apr 2019 13:34

Instrument :

MSVOA_N

ClientSampled :

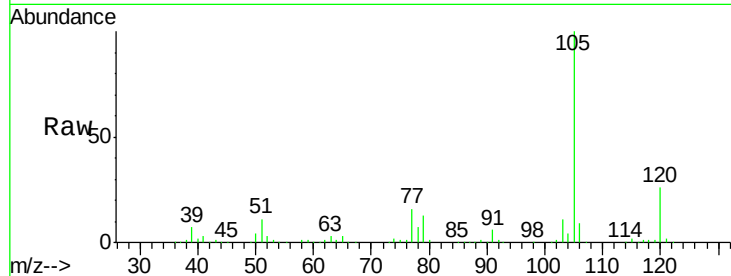
VN0427WBS01

Tot Ion:105 Resp: 376510

Ion Ratio Lower Upper

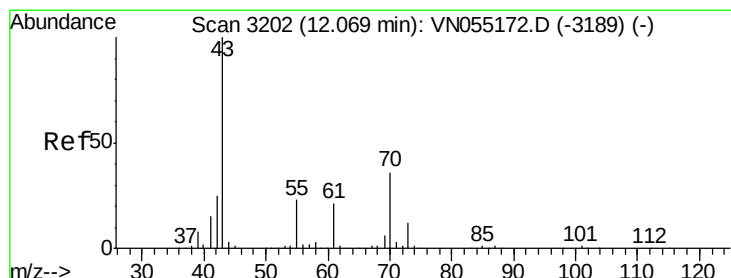
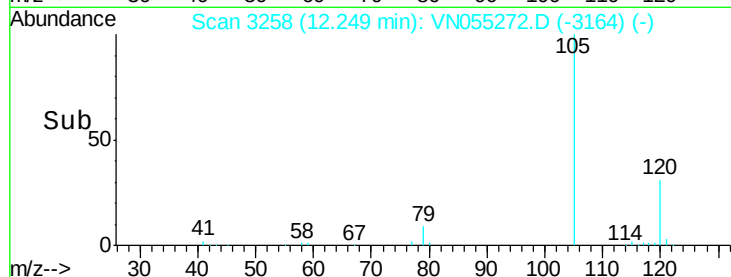
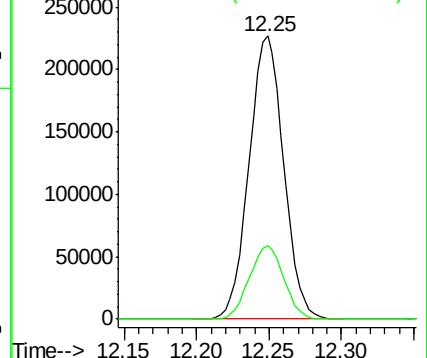
105 100

120 25.8 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 22.355 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN055272.D

Acq: 26 Apr 2019 13:34

Tgt Ion: 43 Resp: 113305

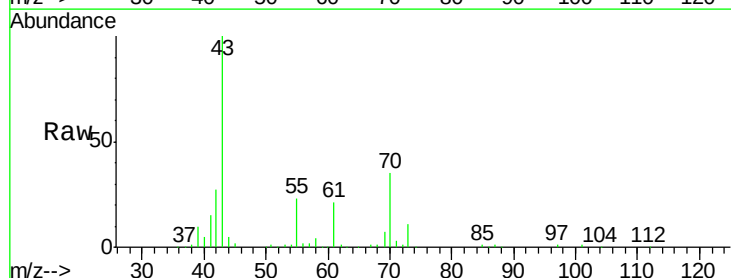
Ion Ratio Lower Upper

43 100

70 35.7 29.0 43.6

55 23.6 18.5 27.7

61 22.1 17.0 25.4

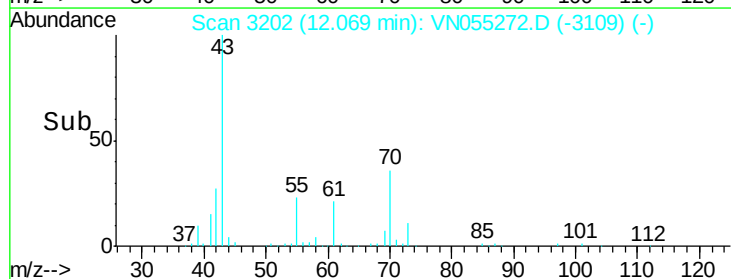
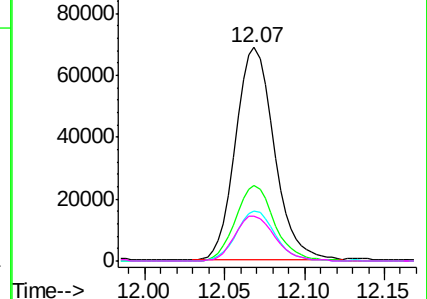


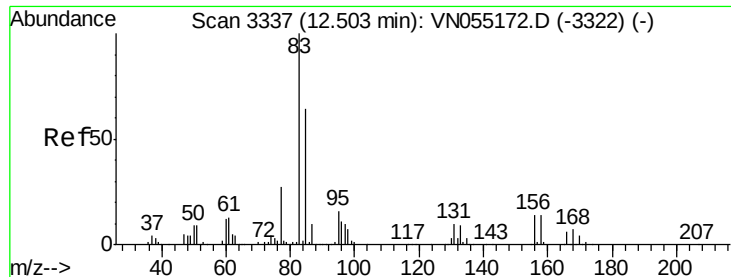
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 24.380 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN055272.D

Acq: 26 Apr 2019 13:34

Instrument :

MSVOA_N

ClientSampleId :

VN0427WBS01

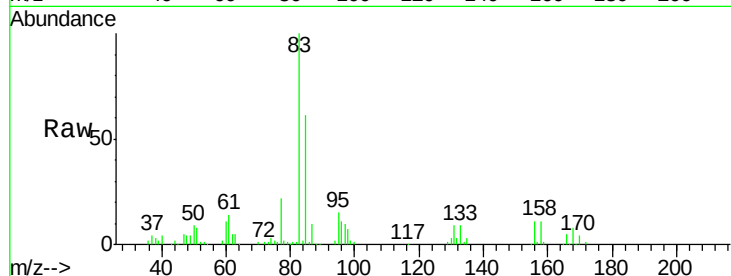
Tot Ion: 83 Resp: 102473

Ion Ratio Lower Upper

83 100

131 9.4 5.0 15.0

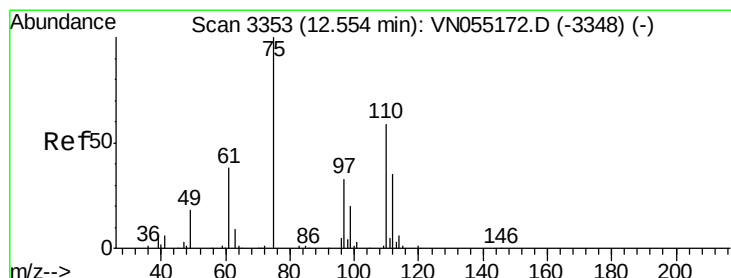
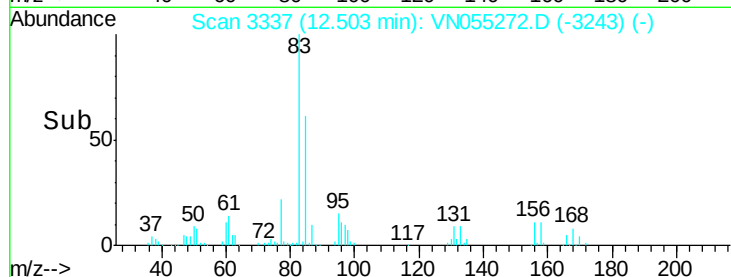
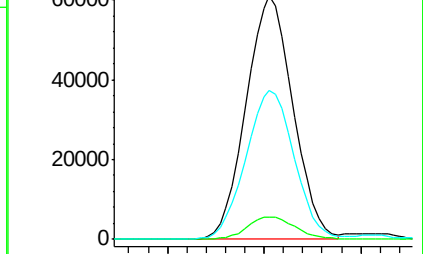
85 63.3 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VN055272.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN055272.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN055272.D (-3243) (-)



#76

1,2,3-Trichloropropane

Concen: 28.874 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN055272.D

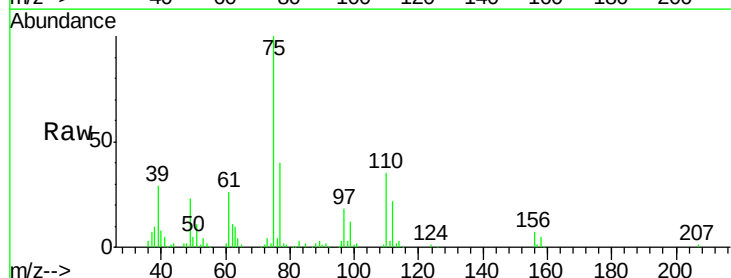
Acq: 26 Apr 2019 13:34

Tgt Ion: 75 Resp: 115158

Ion Ratio Lower Upper

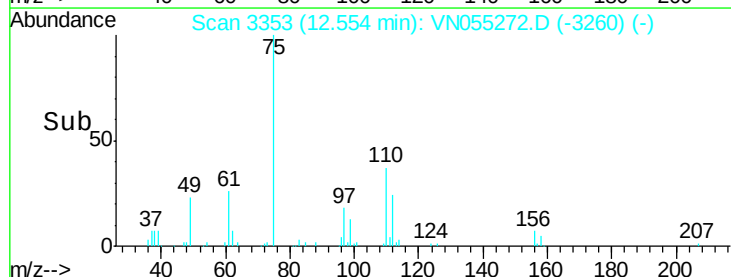
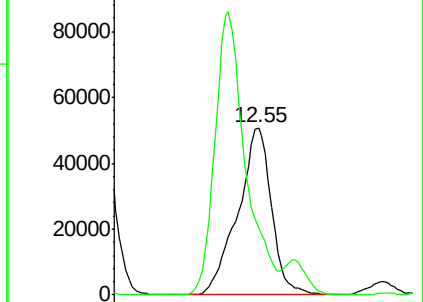
75 100

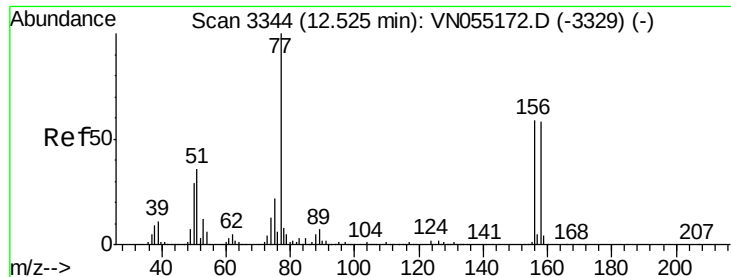
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN055272.D (-3260) (-)

Ion 77.00 (76.70 to 77.70): VN055272.D (-3260) (-)





#77

Bromobenzene

Concen: 20.510 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN055272.D

Acq: 26 Apr 2019 13:34

Instrument :

MSVOA_N

ClientSampleId :

VN0427WBS01

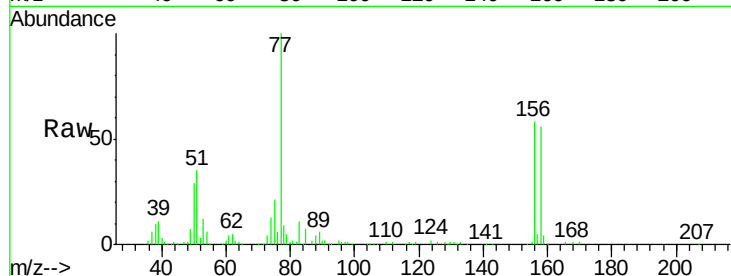
Tot Ion:156 Resp: 89016

Ion Ratio Lower Upper

156 100

77 198.9 98.0 293.9

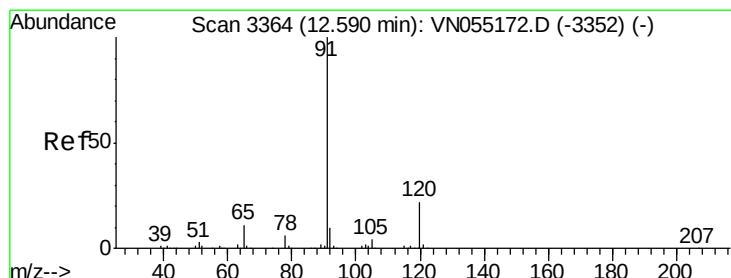
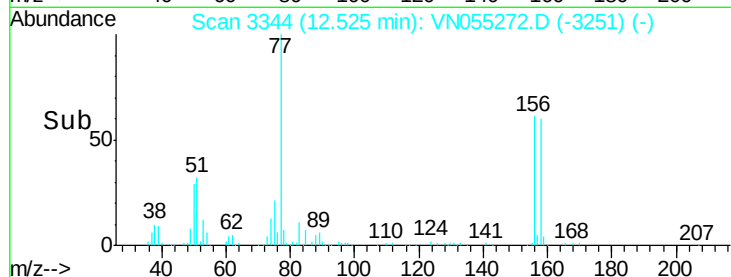
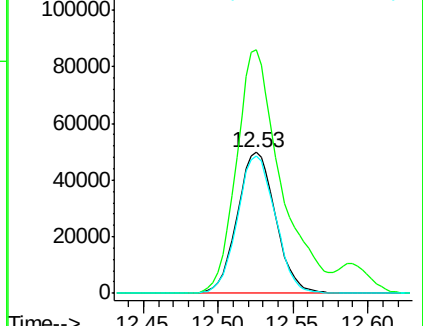
158 96.4 48.9 146.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.128 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055272.D

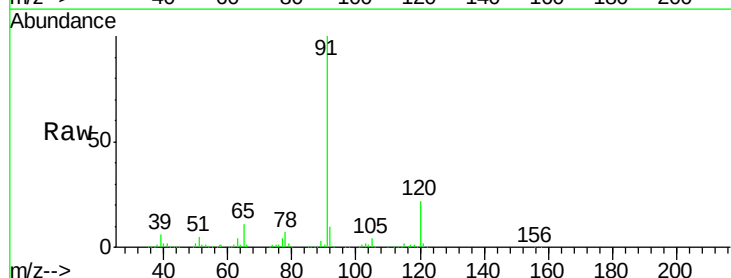
Acq: 26 Apr 2019 13:34

Tgt Ion: 91 Resp: 396837

Ion Ratio Lower Upper

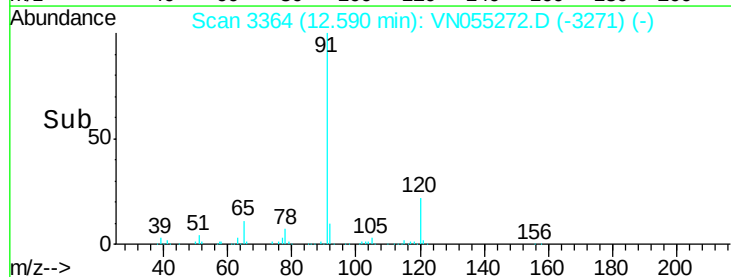
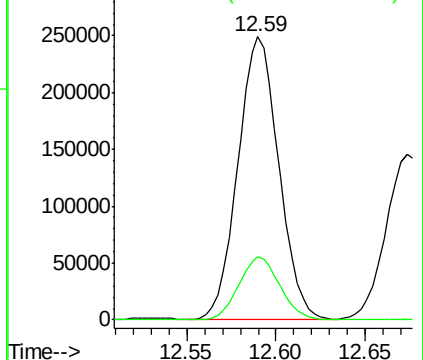
91 100

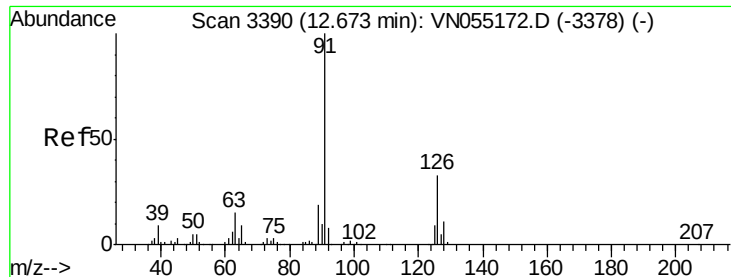
120 22.4 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.898 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN055272.D

Acq: 26 Apr 2019 13:34

Instrument :

MSVOA_N

ClientSampleId :

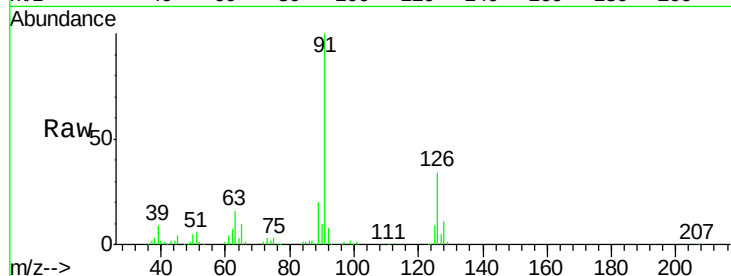
VN0427WBS01

Tot Ion: 91 Resp: 247723

Ion Ratio Lower Upper

91 100

126 33.5 16.8 50.3



Abundance Ion 91.00 (90.70 to 91.70): VN055172.D (-3378) (-)

Ion 125.90 (125.60 to 126.60): VN055172.D (-3378) (-)

12.67

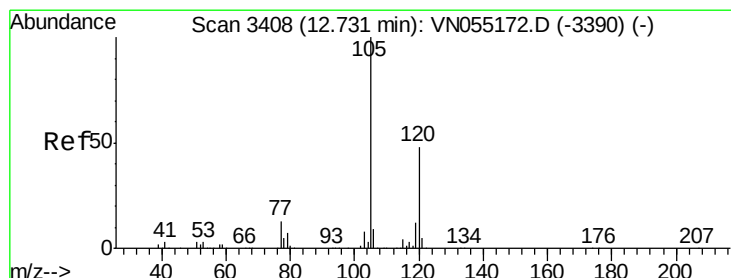
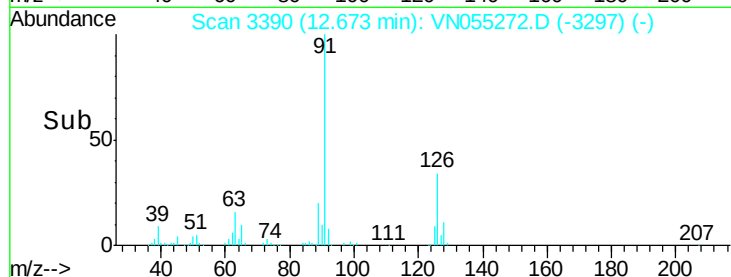
150000

100000

50000

0

Time--> 12.60 12.65 12.70



#80

1,3,5-Trimethylbenzene

Concen: 20.340 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055272.D

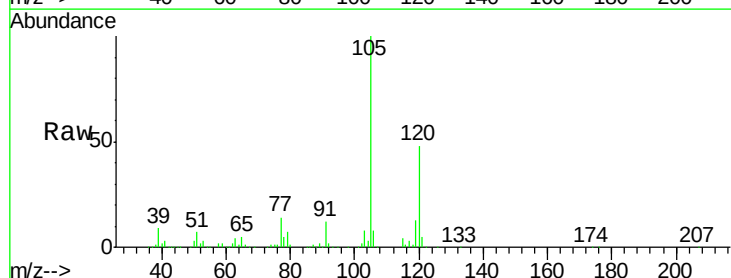
Acq: 26 Apr 2019 13:34

Tgt Ion:105 Resp: 299345

Ion Ratio Lower Upper

105 100

120 48.3 23.9 71.7



Abundance Ion 105.00 (104.70 to 105.70): VN055172.D (-3390) (-)

Ion 120.00 (119.70 to 120.70): VN055172.D (-3390) (-)

12.73

200000

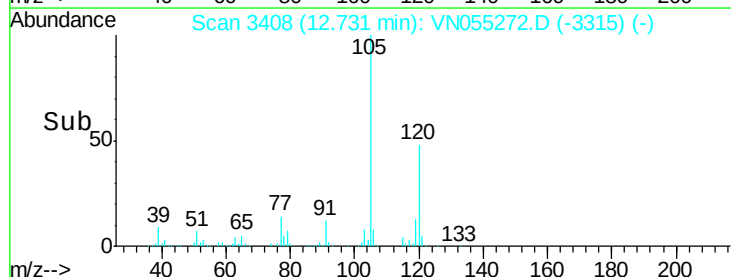
150000

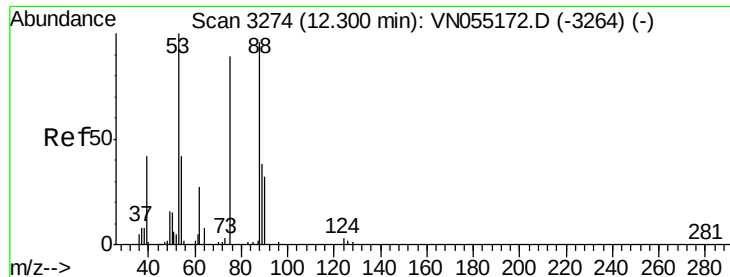
100000

50000

0

Time--> 12.65 12.70 12.75 12.80

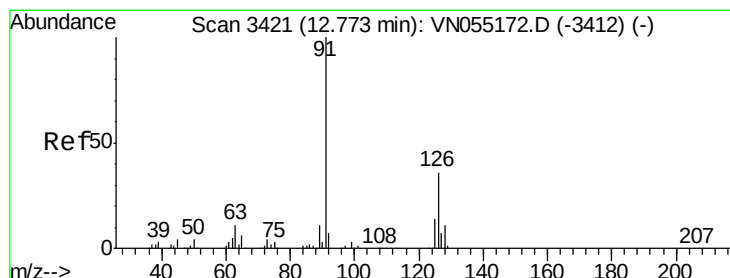
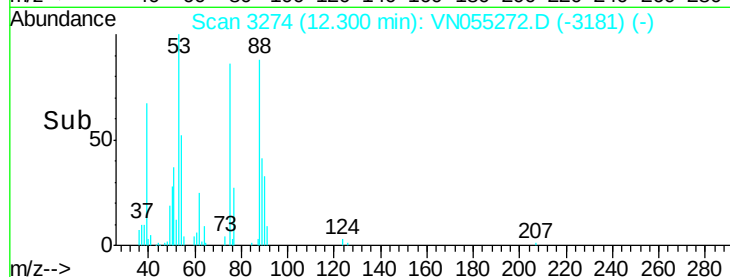
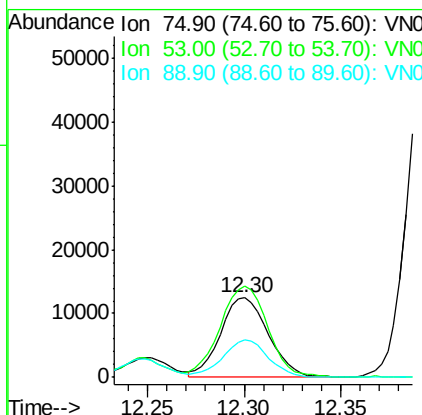
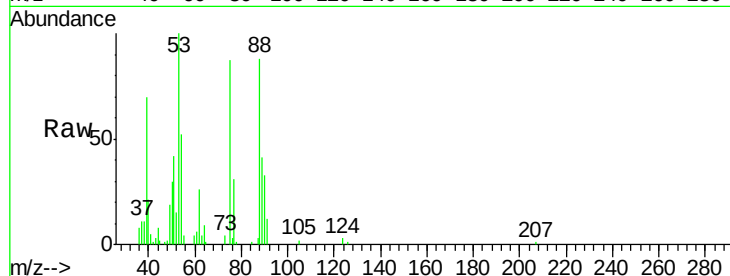




#81
trans-1,4-Dichloro-2-butene
Concen: 20.440 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. 0.00 min
Lab File: VN055272.D
Acq: 26 Apr 2019 13:34

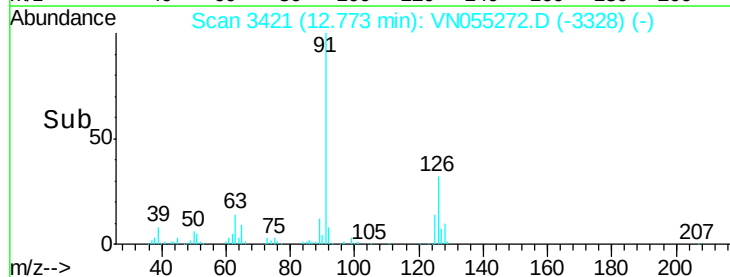
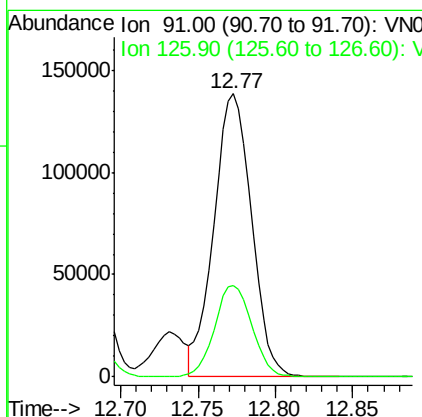
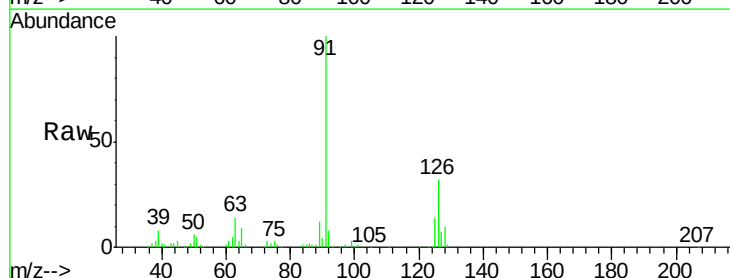
Instrument :
MSVOA_N
ClientSampled :
VN0427WBS01

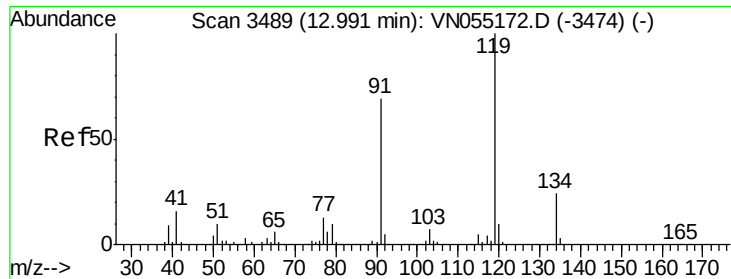
Tot Ion: 75 Resp: 21505
Ion Ratio Lower Upper
75 100
53 115.5 90.1 135.1
89 44.0 36.7 55.1



#82
4-Chlorotoluene
Concen: 20.381 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. 0.00 min
Lab File: VN055272.D
Acq: 26 Apr 2019 13:34

Tgt Ion: 91 Resp: 233447
Ion Ratio Lower Upper
91 100
126 32.3 16.5 49.5

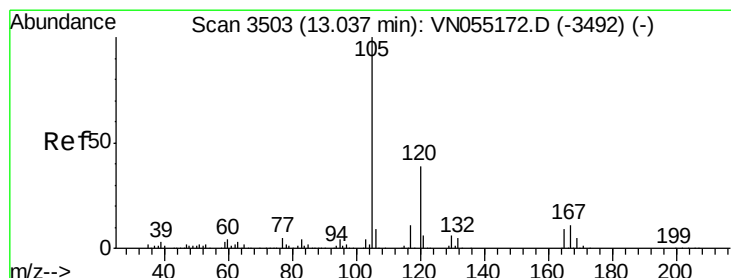
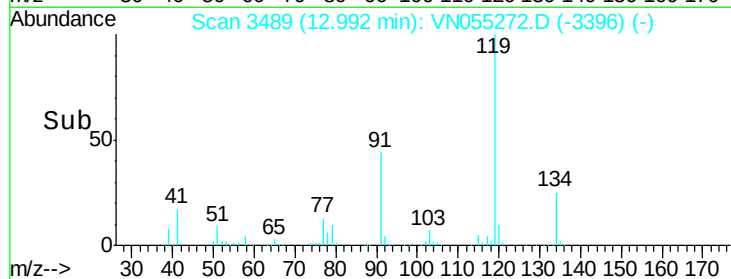
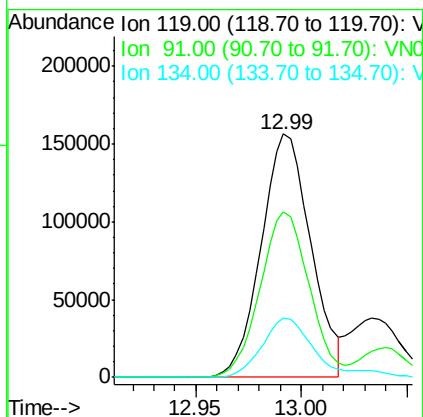
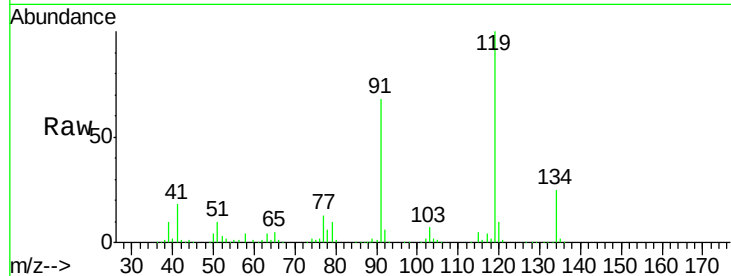




#83
 tert-Butylbenzene
 Concen: 21.990 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN055272.D
 Acq: 26 Apr 2019 13:34

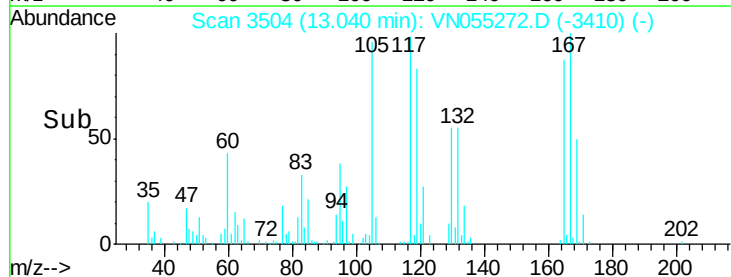
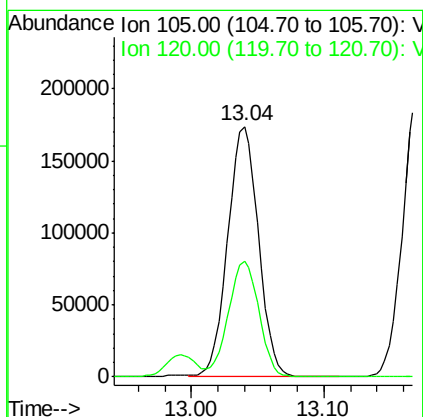
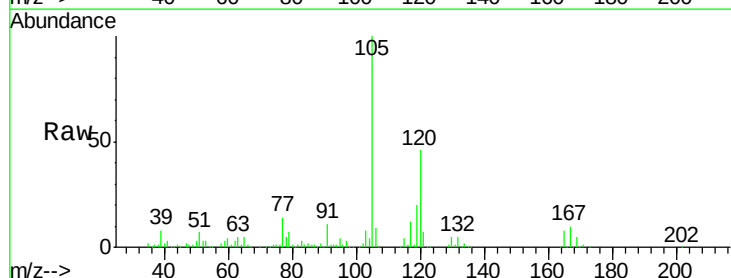
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0427WBS01

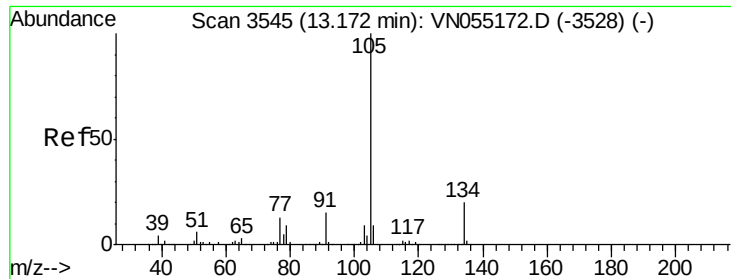
Tot Ion:119 Resp: 256798
 Ion Ratio Lower Upper
 119 100
 91 67.2 33.8 101.3
 134 26.3 13.2 39.5



#84
 1,2,4-Trimethylbenzene
 Concen: 20.050 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN055272.D
 Acq: 26 Apr 2019 13:34

Tgt Ion:105 Resp: 278461
 Ion Ratio Lower Upper
 105 100
 120 46.0 22.7 68.1





#85

sec-Butylbenzene

Concen: 19.309 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN055272.D

Acq: 26 Apr 2019 13:34

Instrument :

MSVOA_N

ClientSampleId :

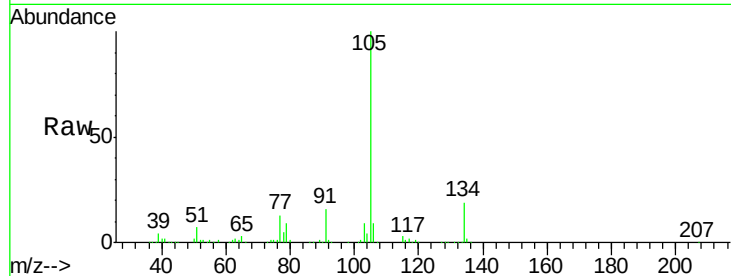
VN0427WBS01

Tot Ion:105 Resp: 321477

Ion Ratio Lower Upper

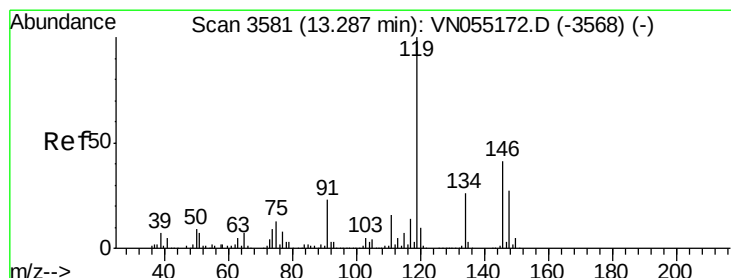
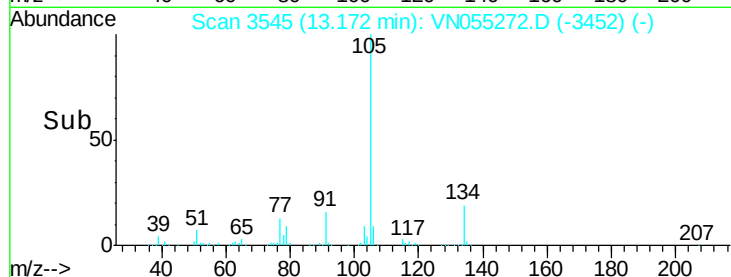
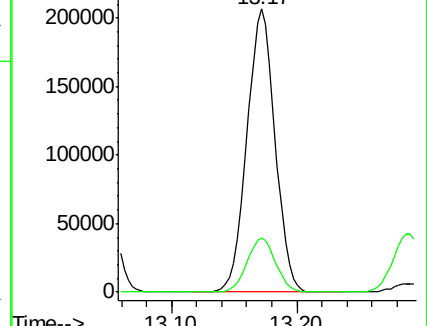
105 100

134 19.2 10.0 30.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.653 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN055272.D

Acq: 26 Apr 2019 13:34

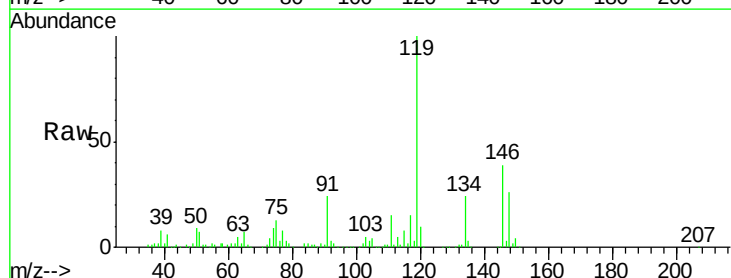
Tgt Ion:119 Resp: 269575

Ion Ratio Lower Upper

119 100

134 25.8 13.1 39.3

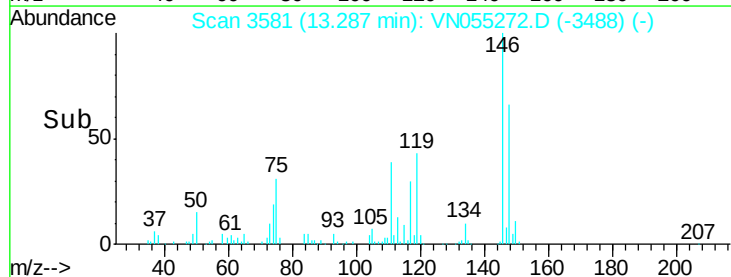
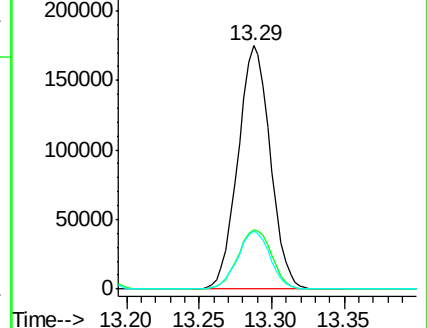
91 24.1 11.8 35.3

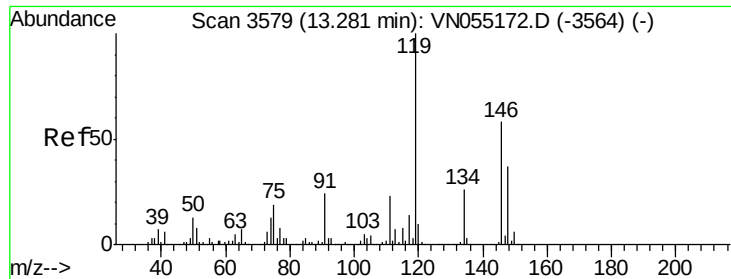


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

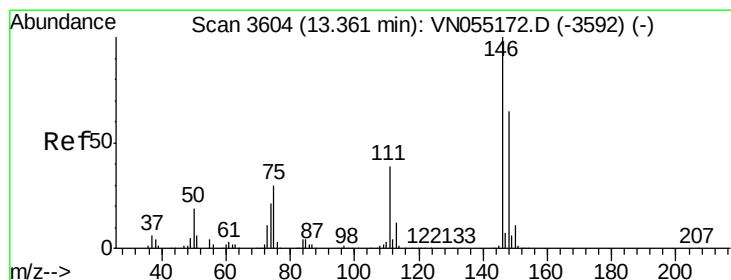
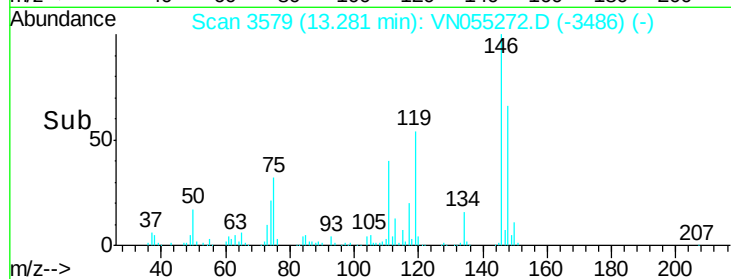
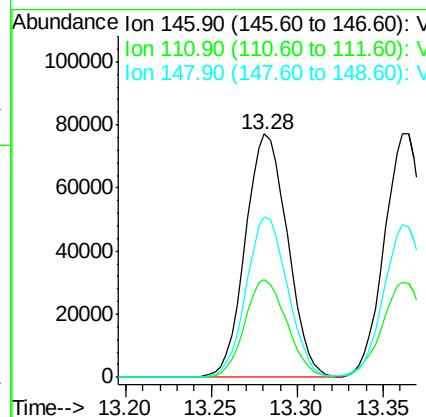
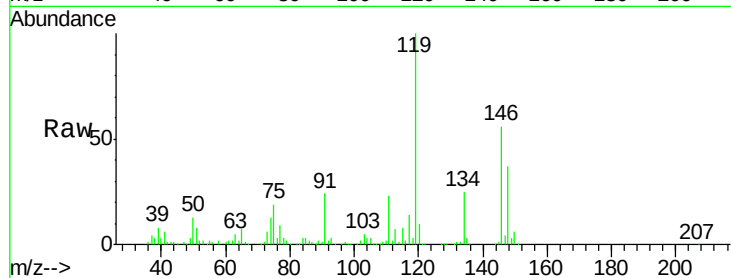




#87
 1,3-Dichlorobenzene
 Concen: 19.772 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN055272.D
 Acq: 26 Apr 2019 13:34

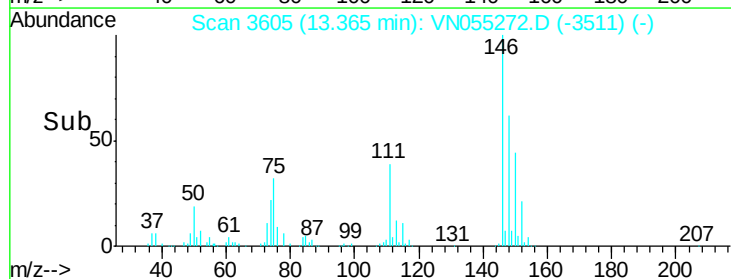
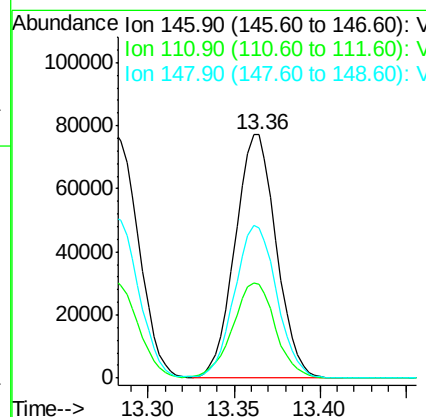
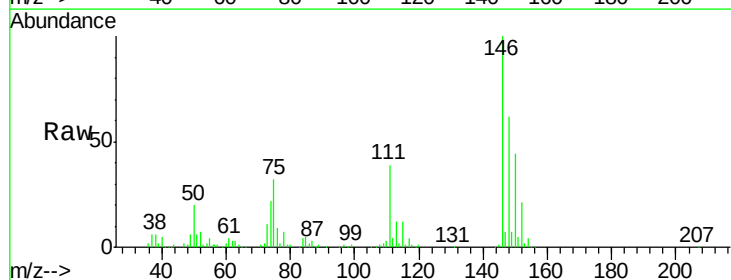
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0427WBS01

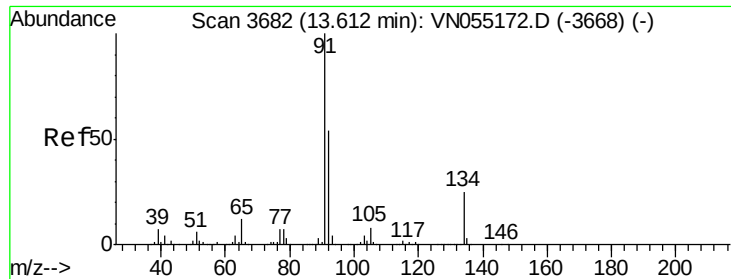
Tot Ion:146 Resp: 131731
 Ion Ratio Lower Upper
 146 100
 111 39.8 19.7 59.1
 148 64.7 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 19.792 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN055272.D
 Acq: 26 Apr 2019 13:34

Tgt Ion:146 Resp: 128382
 Ion Ratio Lower Upper
 146 100
 111 40.7 19.4 58.2
 148 64.4 32.9 98.6





#89

n-Butylbenzene

Concen: 18.404 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN055272.D

Acq: 26 Apr 2019 13:34

Instrument :

MSVOA_N

ClientSampleId :

VN0427WBS01

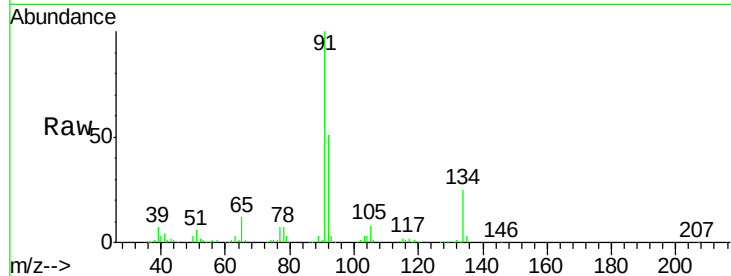
Tot Ion: 91 Resp: 187113

Ion Ratio Lower Upper

91 100

92 50.3 26.4 79.2

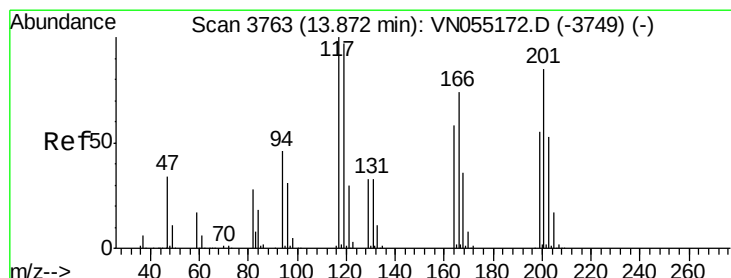
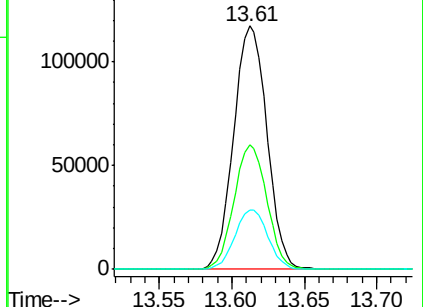
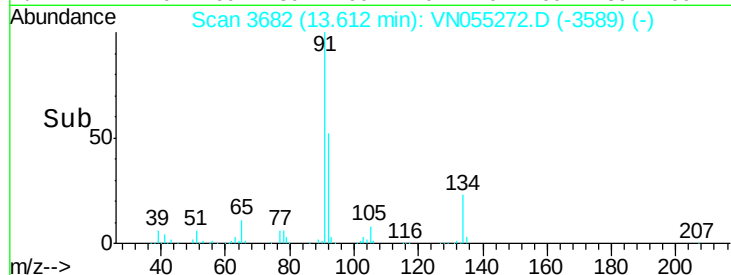
134 24.2 12.8 38.4



Abundance Ion 91.00 (90.70 to 91.70): VN055272.D (-3670) (-)

Ion 92.00 (91.70 to 92.70): VN055272.D (-3670) (-)

Ion 134.00 (133.70 to 134.70): VN055272.D (-3670) (-)



#90

Hexachloroethane

Concen: 18.629 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN055272.D

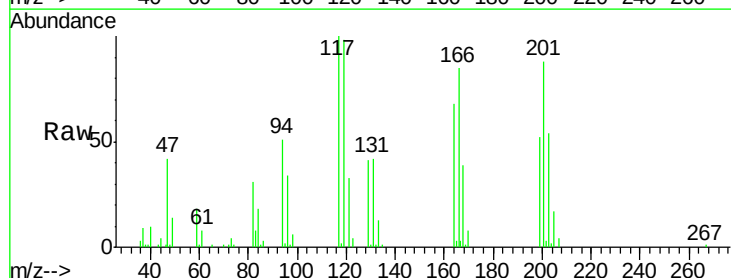
Acq: 26 Apr 2019 13:34

Tgt Ion: 117 Resp: 45319

Ion Ratio Lower Upper

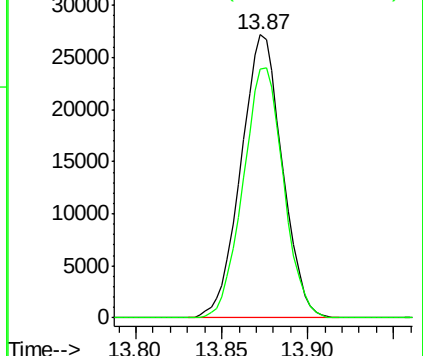
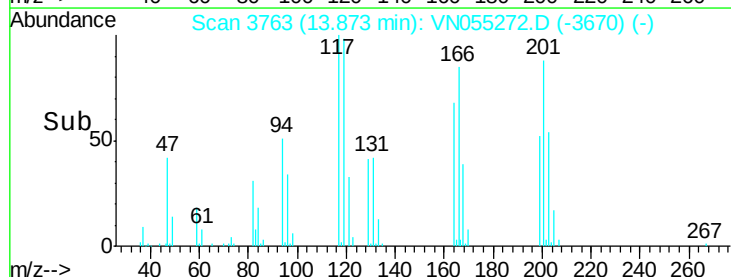
117 100

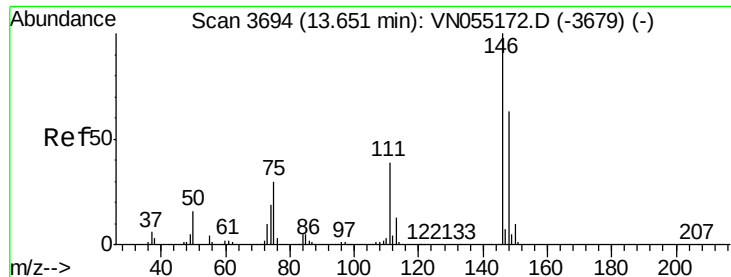
201 86.1 43.1 129.4



Abundance Ion 116.80 (116.50 to 117.50): VN055272.D (-3670) (-)

Ion 200.70 (200.40 to 201.40): VN055272.D (-3670) (-)





#91

1,2-Dichlorobenzene

Concen: 19.429 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN055272.D

Acq: 26 Apr 2019 13:34

Instrument :

MSVOA_N

ClientSampled :

VN0427WBS01

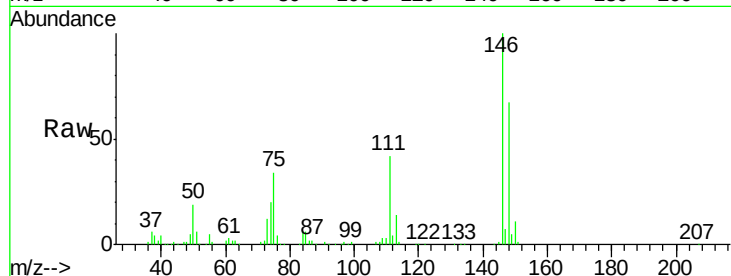
Tot Ion:146 Resp: 132956

Ion Ratio Lower Upper

146 100

111 42.0 19.8 59.3

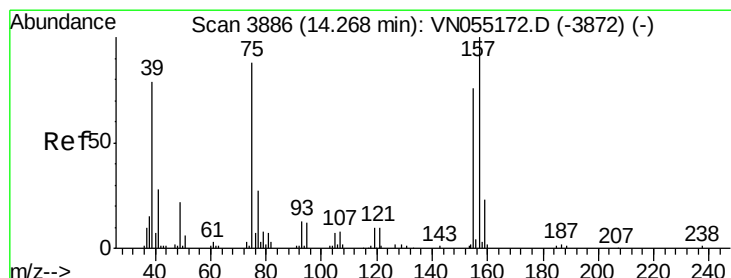
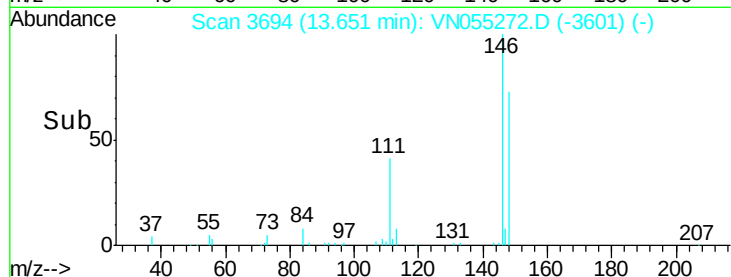
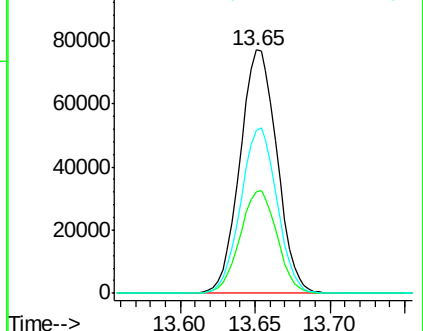
148 66.5 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.586 ug/l

RT: 14.26 min Scan# 3885

Delta R.T. -0.00 min

Lab File: VN055272.D

Acq: 26 Apr 2019 13:34

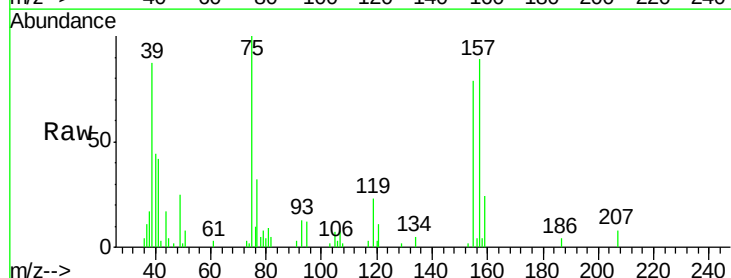
Tgt Ion: 75 Resp: 12886

Ion Ratio Lower Upper

75 100

155 80.9 43.0 129.0

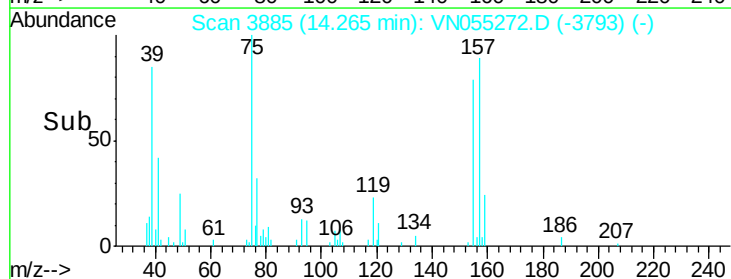
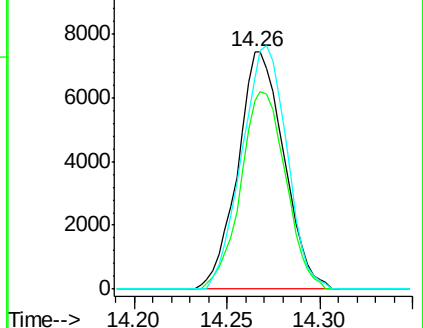
157 99.9 55.7 167.1

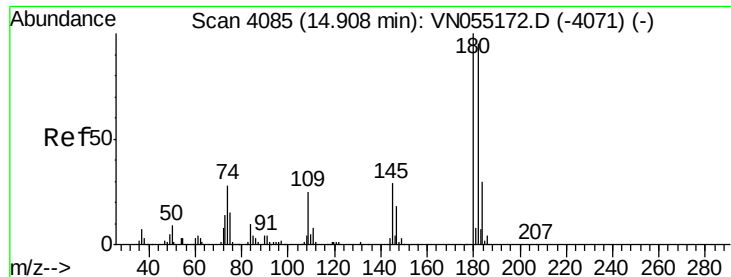


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 15.502 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. 0.00 min

Lab File: VN055272.D

Acq: 26 Apr 2019 13:34

Instrument :

MSVOA_N

ClientSampled :

VN0427WBS01

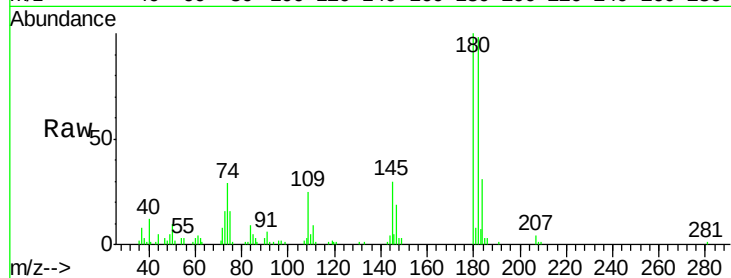
Tot Ion:180 Resp: 39038

Ion Ratio Lower Upper

180 100

182 95.8 47.8 143.4

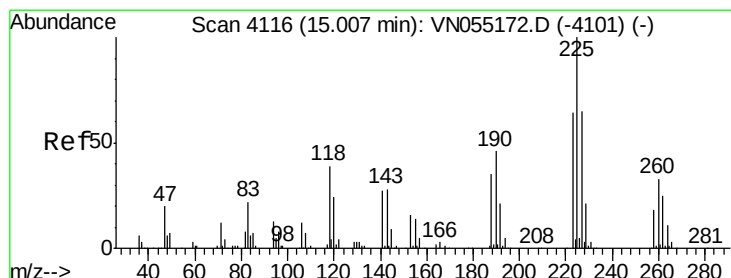
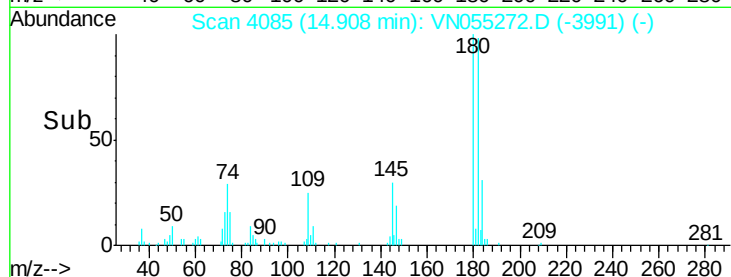
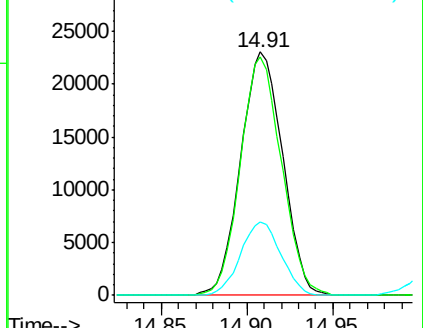
145 29.1 14.5 43.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 19.968 ug/l

RT: 15.01 min Scan# 4116

Delta R.T. 0.00 min

Lab File: VN055272.D

Acq: 26 Apr 2019 13:34

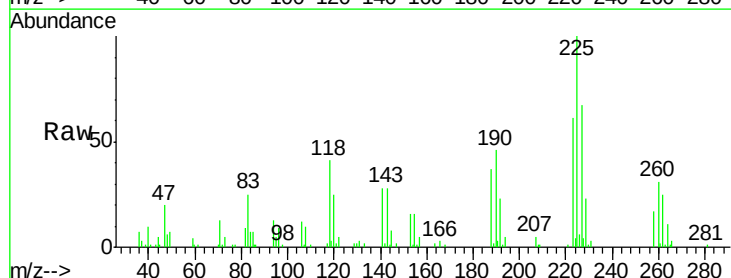
Tgt Ion:225 Resp: 42551

Ion Ratio Lower Upper

225 100

223 61.2 32.2 96.6

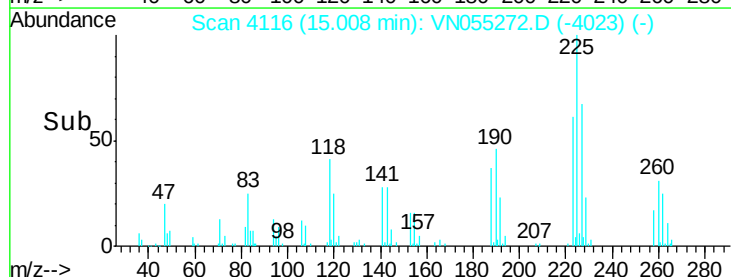
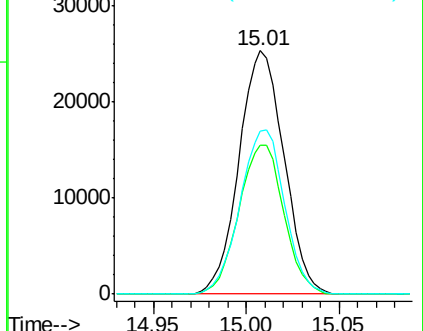
227 67.0 32.6 98.0

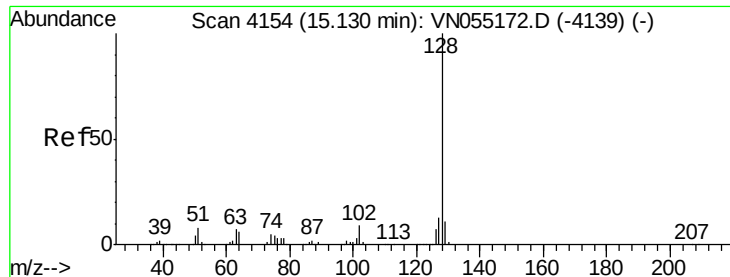


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 16.429 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055272.D

Acq: 26 Apr 2019 13:34

Instrument :

MSVOA_N

ClientSampleId :

VN0427WBS01

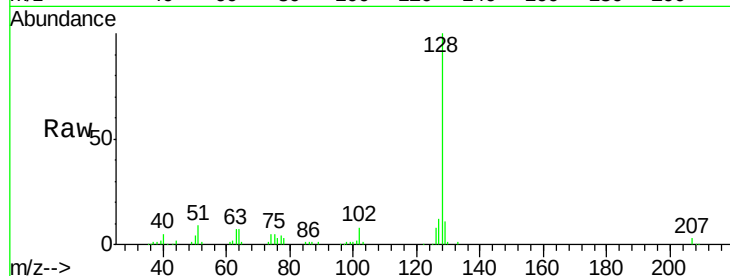
Tot Ion:128 Resp: 88395

Ion Ratio Lower Upper

128 100

127 12.6 10.3 15.5

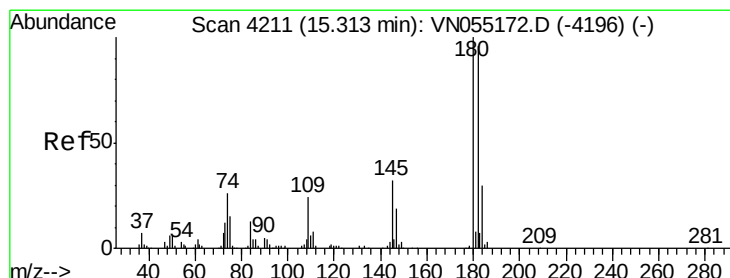
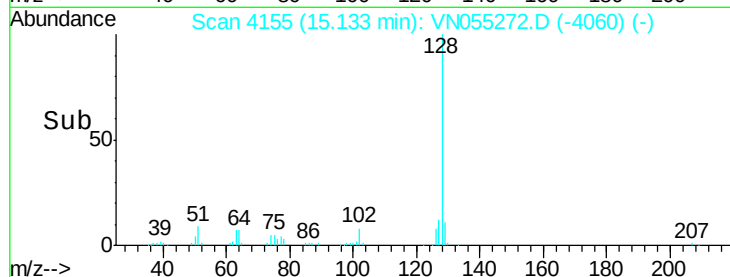
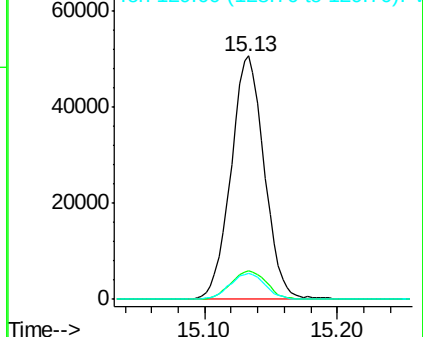
129 11.2 8.8 13.2



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: 16.567 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN055272.D

Acq: 26 Apr 2019 13:34

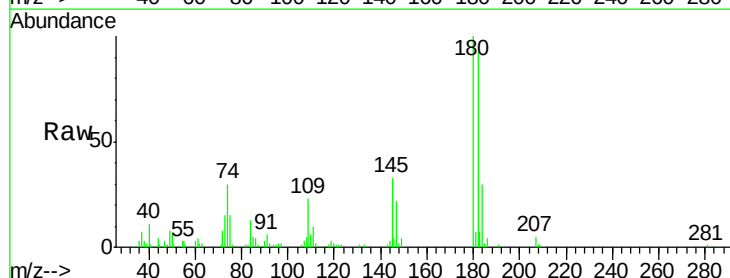
Tgt Ion:180 Resp: 43311

Ion Ratio Lower Upper

180 100

182 93.7 47.2 141.6

145 31.2 15.4 46.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

