

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061719\
 Data File : VN056330.D
 Acq On : 17 Jun 2019 10:25
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Jun 18 04:11:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 18 03:14:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	355054	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	543047	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	501175	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	239077	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	393568	81.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	162.42%	
35) Dibromofluoromethane	7.59	113	347107	77.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	155.66%	
50) Toluene-d8	10.09	98	1346383	78.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	157.42%	
62) 4-Bromofluorobenzene	12.40	95	475994	81.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	162.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	324972	79.666	ug/l	97
3) Chloromethane	2.06	50	421136	85.121	ug/l	100
4) Vinyl Chloride	2.18	62	414475	83.996	ug/l	100
5) Bromomethane	2.52	94	233312m	76.886	ug/l	
6) Chloroethane	2.67	64	235099m	82.322	ug/l	
7) Trichlorofluoromethane	3.00	101	510096	80.886	ug/l	100
8) Diethyl Ether	3.40	74	204197	79.988	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.74	101	323865	83.475	ug/l	99
10) Methyl Iodide	3.94	142	465142	77.360	ug/l	100
11) Tert butyl alcohol	4.82	59	324741m	392.242	ug/l	
12) 1,1-Dichloroethene	3.72	96	323738	83.649	ug/l	97
13) Acrolein	3.60	56	91932	395.773	ug/l	98
14) Allyl chloride	4.31	41	560409	87.642	ug/l	100
15) Acrylonitrile	4.99	53	928291	451.079	ug/l	99
16) Acetone	3.82	43	1071066	445.581	ug/l	100
17) Carbon Disulfide	4.03	76	893603	90.115	ug/l	100
18) Methyl Acetate	4.33	43	378286	78.536	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	1024292	83.252	ug/l	99
20) Methylene Chloride	4.54	84	377927	83.014	ug/l	99
21) trans-1,2-Dichloroethene	5.03	96	347611	83.287	ug/l	99
22) Diisopropyl ether	5.96	45	1093986	84.566	ug/l	96
23) Vinyl Acetate	5.90	43	4708967	450.528	ug/l	100
24) 1,1-Dichloroethane	5.84	63	631867	84.667	ug/l	100
25) 2-Butanone	6.84	43	1382303	458.146	ug/l	100
26) 2,2-Dichloropropane	6.82	77	457595	81.931	ug/l	100
27) cis-1,2-Dichloroethene	6.82	96	405495	83.153	ug/l	100
28) Bromochloromethane	7.19	49	308576	85.306	ug/l	99
29) Tetrahydrofuran	7.22	42	818822	450.956	ug/l	100
30) Chloroform	7.37	83	622155	83.510	ug/l	100
31) Cyclohexane	7.65	56	597424	78.512	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	526672	84.742	ug/l	100
36) 1,1-Dichloropropene	7.79	75	482624	80.239	ug/l	100
37) Ethyl Acetate	6.93	43	486576	86.198	ug/l	99
38) Carbon Tetrachloride	7.77	117	457686	81.603	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	603991	81.088	ug/l	100
40) Benzene	8.04	78	1467938	80.456	ug/l	100
41) Methacrylonitrile	7.17	41	213107	80.416	ug/l	92
42) 1,2-Dichloroethane	8.12	62	475964	80.234	ug/l	100
43) Isopropyl Acetate	8.17	43	773642	86.854	ug/l	100
44) Trichloroethene	8.83	130	400910	78.598	ug/l	99
45) 1,2-Dichloropropane	9.12	63	391787	82.175	ug/l	99
46) Dibromomethane	9.21	93	256396	82.127	ug/l	100
47) Bromodichloromethane	9.40	83	495193	85.387	ug/l	99
48) Methyl methacrylate	9.20	41	391108	87.965	ug/l	99
49) 1,4-Dioxane	9.20	88	156720	1685.048	ug/l	94
51) 4-Methyl-2-Pentanone	9.99	43	2462236	433.535	ug/l	100
52) Toluene	10.16	92	922257	81.355	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	535976	89.665	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	606546	88.333	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	371371	82.448	ug/l	99
56) Ethyl methacrylate	10.43	69	583016	86.591	ug/l	99
57) 1,3-Dichloropropane	10.71	76	620866	83.150	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	999540	440.148	ug/l	99
59) 2-Hexanone	10.75	43	1828316	439.806	ug/l	99
60) Dibromochloromethane	10.90	129	406700	88.625	ug/l	100
61) 1,2-Dibromoethane	11.00	107	391464	83.631	ug/l	99
64) Tetrachloroethene	10.63	164	381243	72.290	ug/l	100
65) Chlorobenzene	11.43	112	1009479	80.040	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	372157	83.736	ug/l	99
67) Ethyl Benzene	11.51	91	1762888	80.057	ug/l	100
68) m/p-Xylenes	11.62	106	1353579	161.364	ug/l	99
69) o-Xylene	11.95	106	654482	79.578	ug/l	100
70) Styrene	11.96	104	1129347	84.485	ug/l	100
71) Bromoform	12.13	173	311735	90.626	ug/l #	99
73) Isopropylbenzene	12.25	105	1715763	70.705	ug/l	99
74) N-amyl acetate	12.07	43	661186	78.769	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	535201	74.379	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	436611m	75.689	ug/l	
77) Bromobenzene	12.53	156	464746	72.579	ug/l	100
78) n-propylbenzene	12.59	91	1937749	74.752	ug/l	100
79) 2-Chlorotoluene	12.67	91	1148233	71.595	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1448934	71.723	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	156262	80.438	ug/l	99
82) 4-Chlorotoluene	12.77	91	1167254	76.781	ug/l	100
83) tert-Butylbenzene	12.99	119	1251056	70.685	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	1435658	74.782	ug/l	100
85) sec-Butylbenzene	13.17	105	1660913	73.417	ug/l	100
86) p-Isopropyltoluene	13.29	119	1505059	74.804	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	783982	78.407	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	763447	79.214	ug/l	100
89) n-Butylbenzene	13.61	91	1245051	82.159	ug/l	99
90) Hexachloroethane	13.87	117	265376	80.769	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	764748	76.550	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	96112	88.176	ug/l	98

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ClientSampleId :
VSTDICC100

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Quant Title : SW846 8260
QLast Update : Tue Jun 18 03:14:11 2019
Response via : Initial Calibration

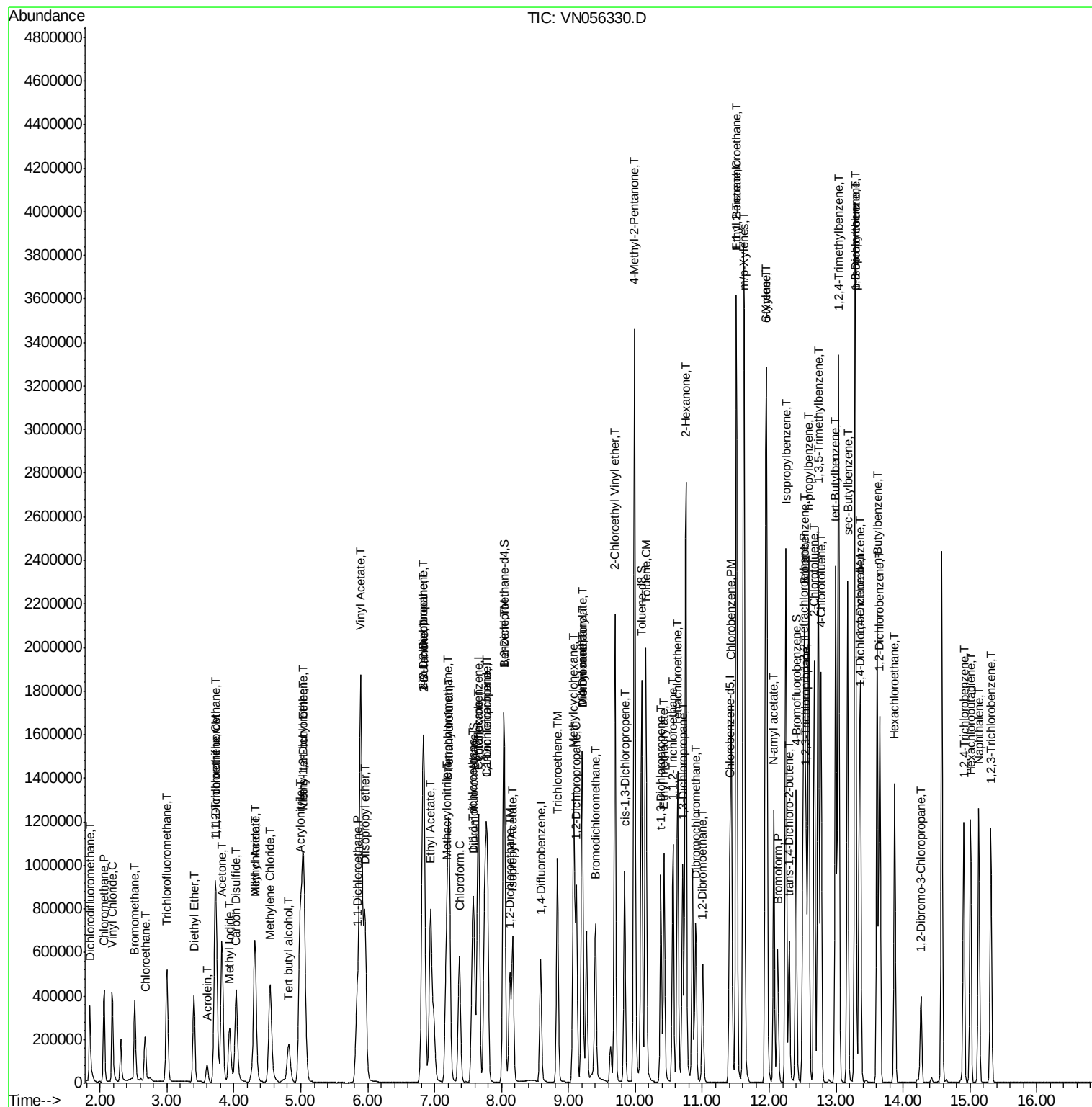
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	421713	93.208	ug/l	99
94) Hexachlorobutadiene	15.01	225	260592	68.844	ug/l	98
95) Naphthalene	15.13	128	1101245	92.335	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	439628	90.028	ug/l	99

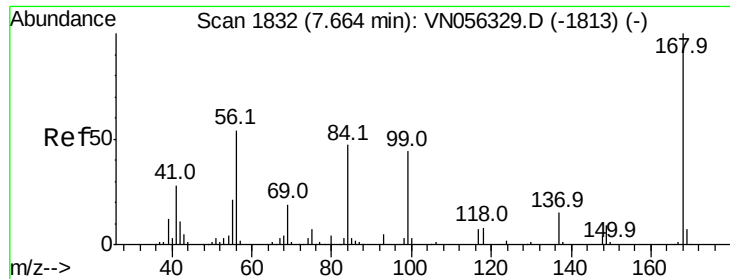
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VN056330.D
Acq On : 17 Jun 2019 10:25
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ALS Vial : 6 Sample Multiplier: 1

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ClientSampleId :
VSTDIC100

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Quant Title : SW846 8260
QLast Update : Tue Jun 18 03:14:11 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN056330.D

Acq: 17 Jun 2019 10:25

Instrument :

MSVOA_N

ClientSampleId :

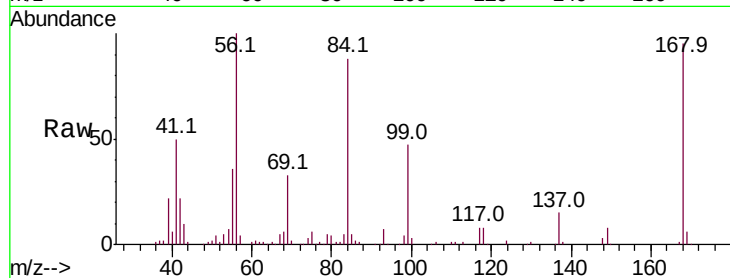
VSTDIC100

Tot Ion:168 Resp: 355054

Ion Ratio Lower Upper

168 100

99 49.7 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

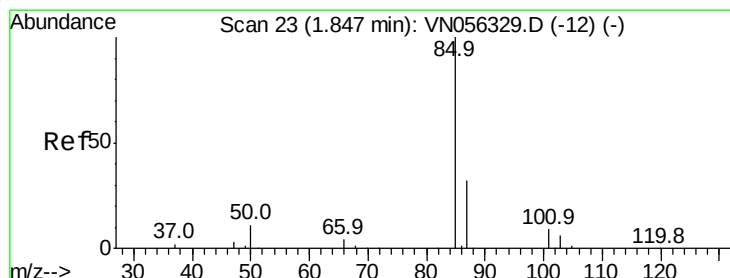
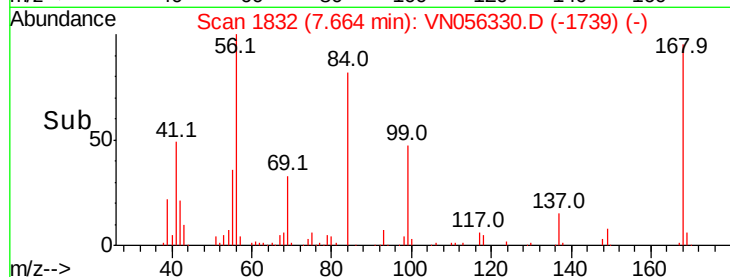
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 79.666 ug/l

RT: 1.85 min Scan# 23

Delta R.T. -0.00 min

Lab File: VN056330.D

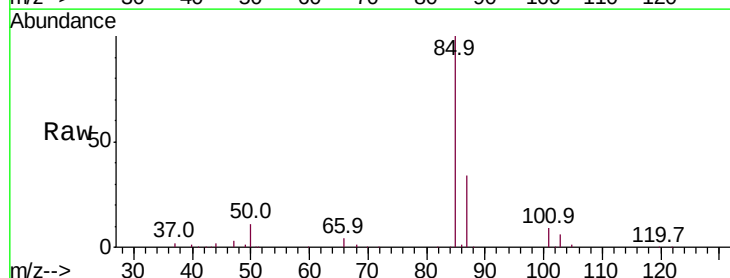
Acq: 17 Jun 2019 10:25

Tgt Ion: 85 Resp: 324972

Ion Ratio Lower Upper

85 100

87 33.7 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.85

200000

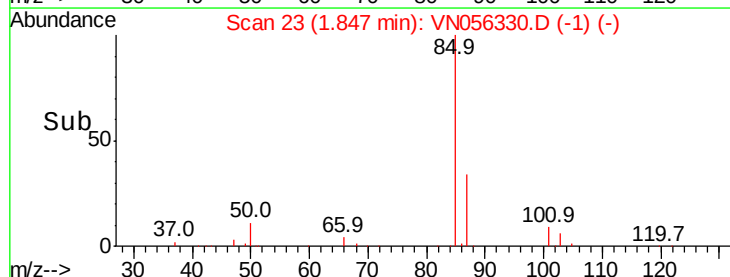
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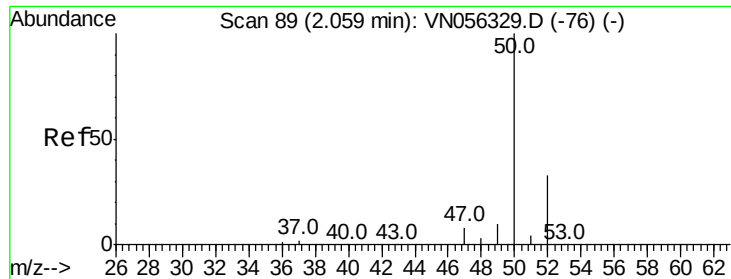
100000

50000

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Time-->





#3

Chloromethane

Concen: 85.121 ug/l

RT: 2.06 min Scan# 89

Delta R.T. -0.00 min

Lab File: VN056330.D

Acq: 17 Jun 2019 10:25

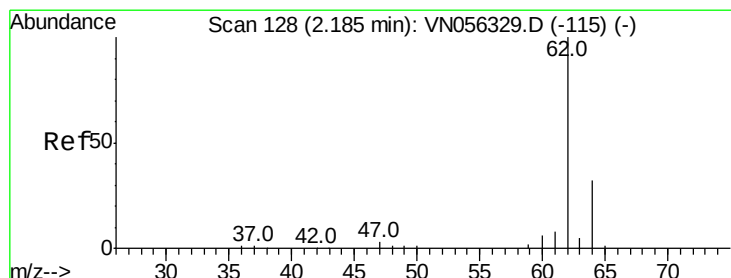
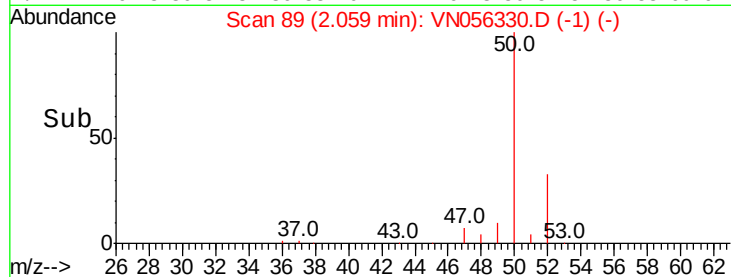
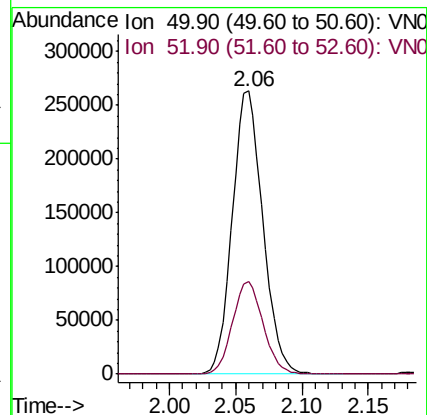
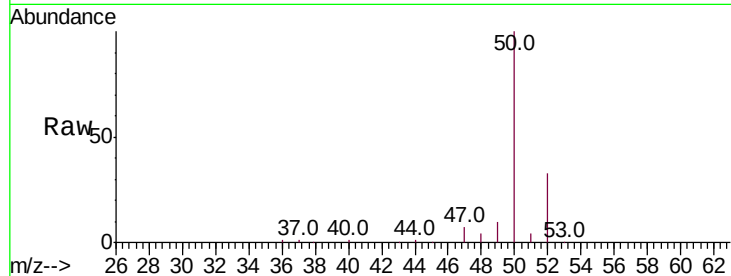
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion: 50 Resp: 421136

Ion Ratio Lower Upper

50 100

52 32.6 26.3 39.5



#4

Vinyl Chloride

Concen: 83.996 ug/l

RT: 2.18 min Scan# 127

Delta R.T. -0.00 min

Lab File: VN056330.D

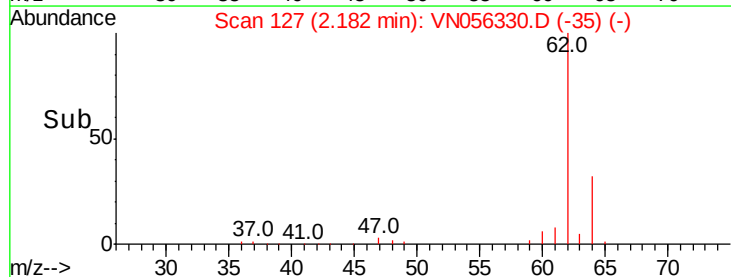
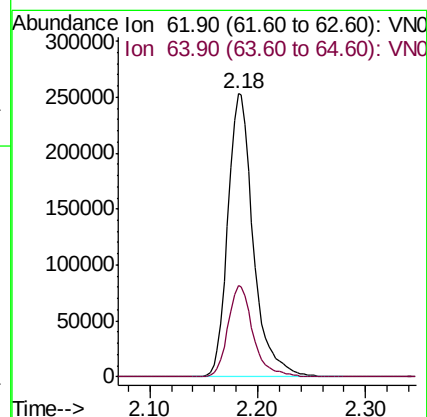
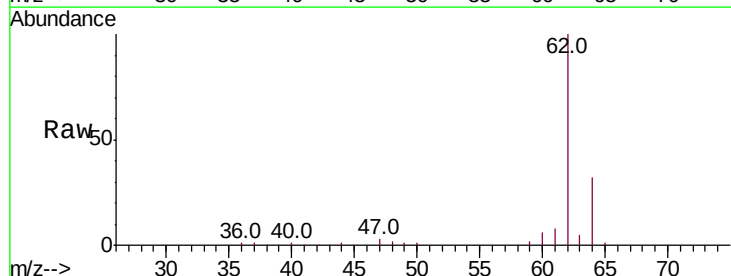
Acq: 17 Jun 2019 10:25

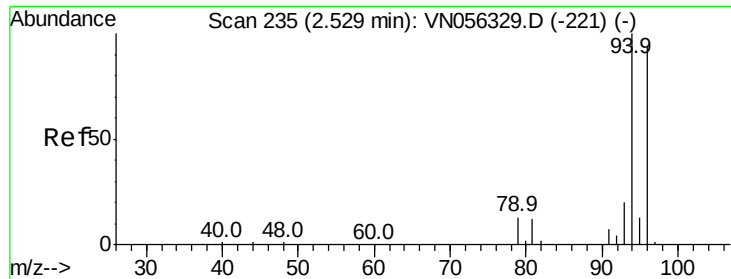
Tgt Ion: 62 Resp: 414475

Ion Ratio Lower Upper

62 100

64 32.2 25.7 38.5

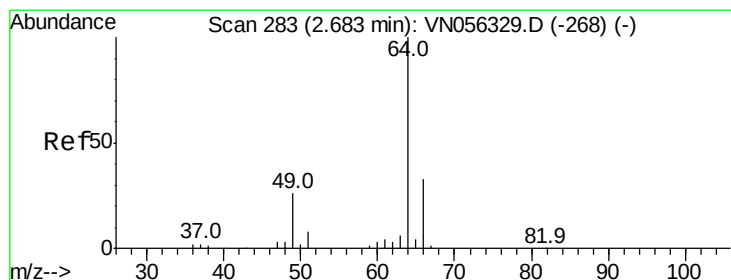
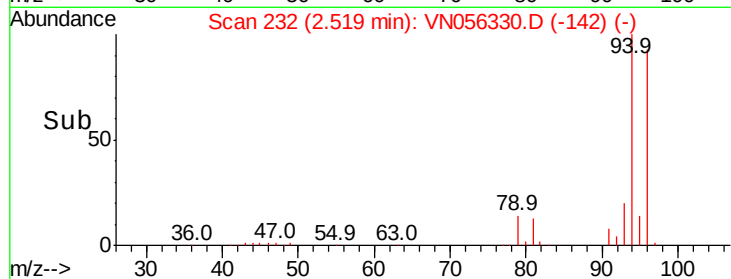
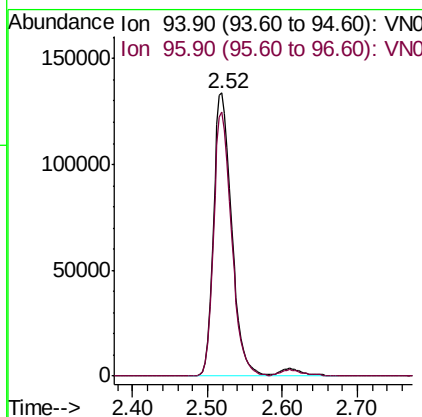
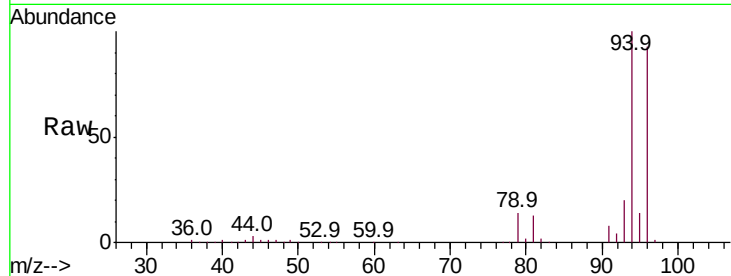




#5
Bromomethane
Concen: 76.886 ug/l m
RT: 2.52 min Scan# 232
Delta R.T. -0.01 min
Lab File: VN056330.D
Acq: 17 Jun 2019 10:25

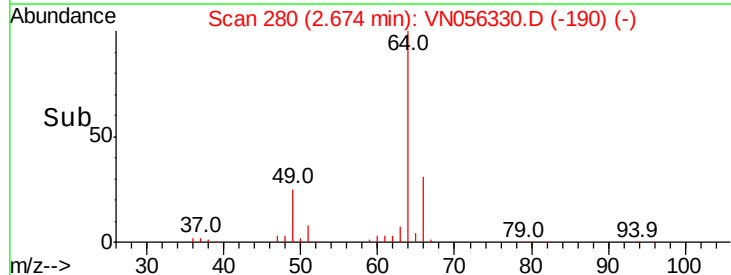
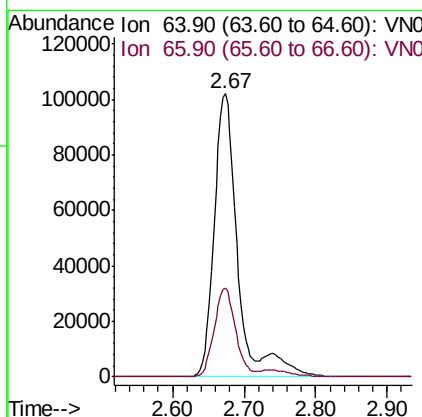
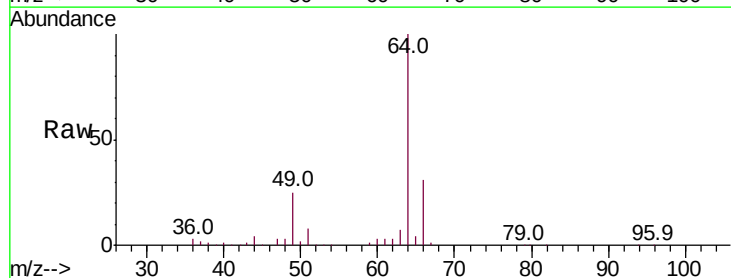
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

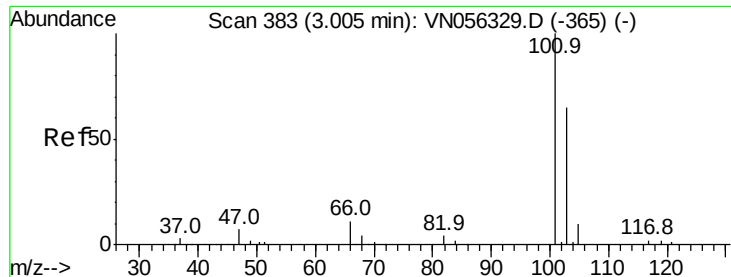
Tot Ion: 94 Resp: 233312
Ion Ratio Lower Upper
94 100
96 93.1 74.9 112.3



#6
Chloroethane
Concen: 82.322 ug/l m
RT: 2.67 min Scan# 280
Delta R.T. -0.01 min
Lab File: VN056330.D
Acq: 17 Jun 2019 10:25

Tgt Ion: 64 Resp: 235099
Ion Ratio Lower Upper
64 100
66 31.3 26.3 39.5



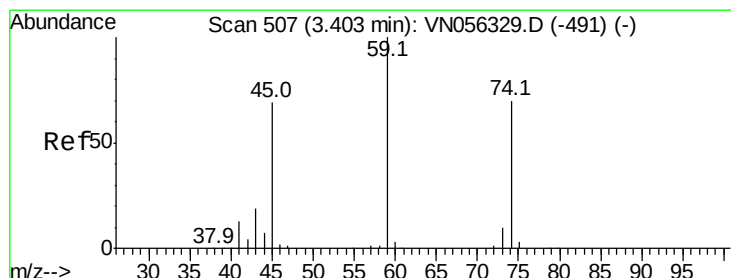
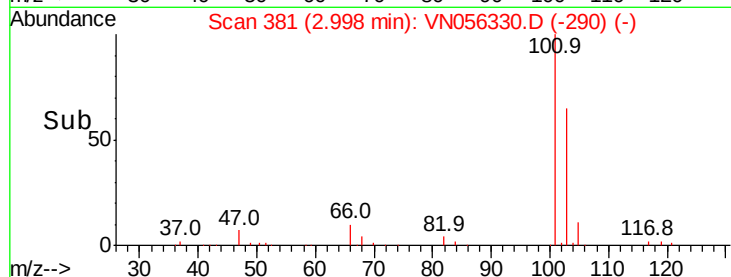
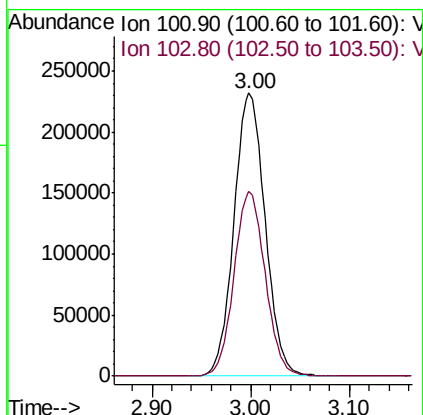
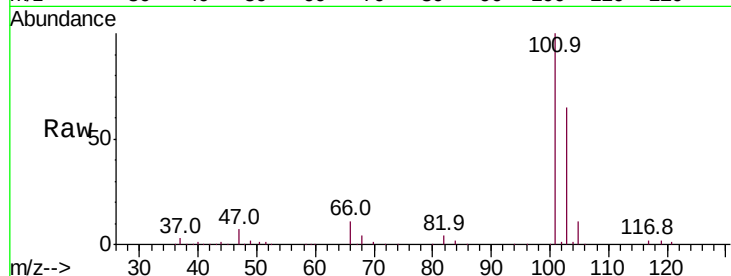


#7

Trichlorofluoromethane
Concen: 80.886 ug/l
RT: 3.00 min Scan# 381
Delta R.T. -0.01 min
Lab File: VN056330.D
Acq: 17 Jun 2019 10:25

Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

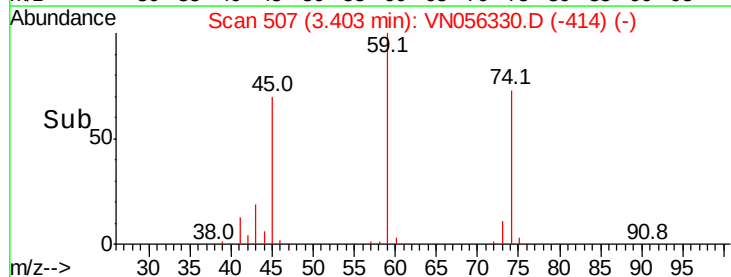
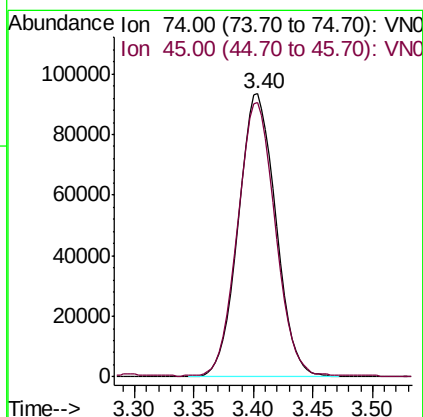
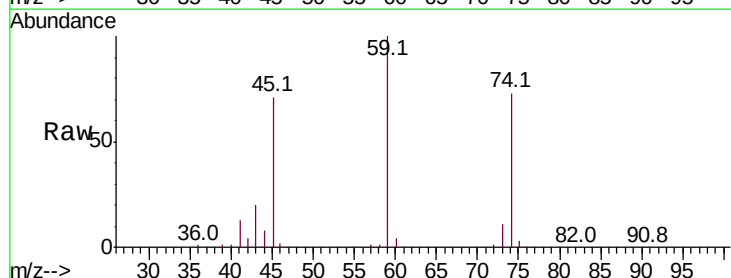
Tot Ion:101 Resp: 510096
Ion Ratio Lower Upper
101 100
103 65.2 52.1 78.1

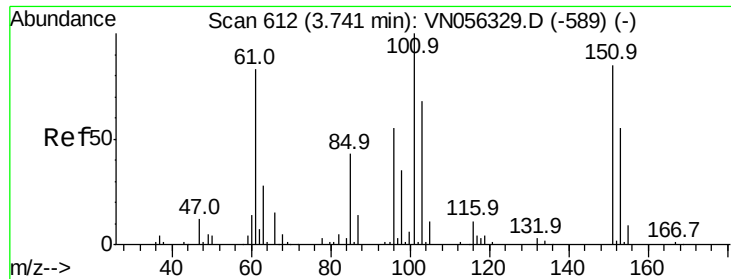


#8

Diethyl Ether
Concen: 79.988 ug/l
RT: 3.40 min Scan# 507
Delta R.T. -0.00 min
Lab File: VN056330.D
Acq: 17 Jun 2019 10:25

Tgt Ion: 74 Resp: 204197
Ion Ratio Lower Upper
74 100
45 96.7 49.0 147.0

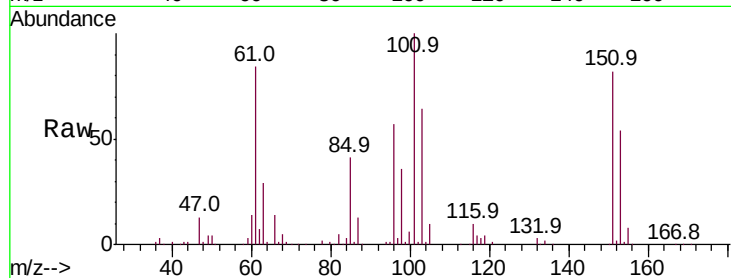




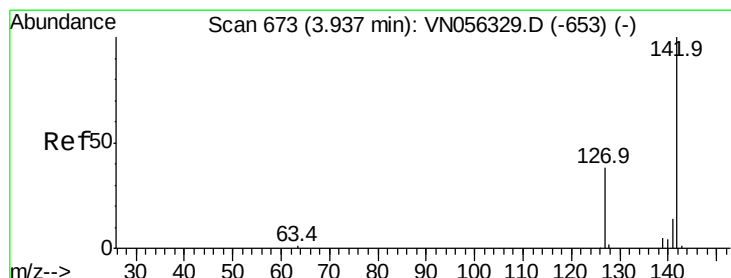
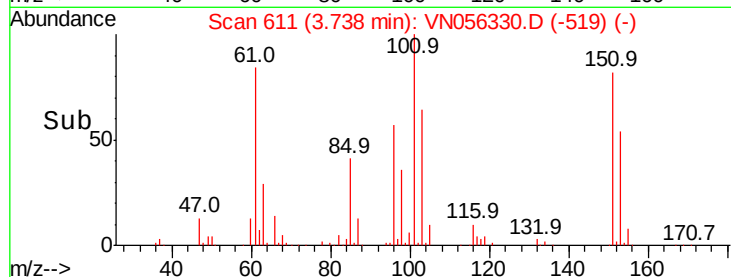
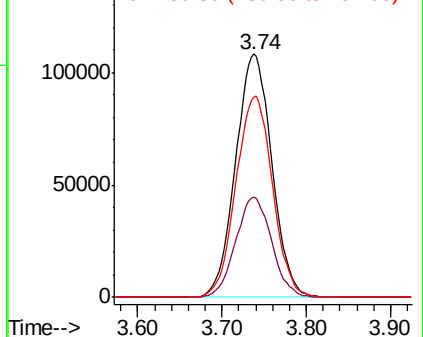
#9
1,1,2-Trichlorotrifluoroethane
Concen: 83.475 ug/l
RT: 3.74 min Scan# 611
Delta R.T. -0.00 min
Lab File: VN056330.D
Acq: 17 Jun 2019 10:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion:101 Resp: 323865
Ion Ratio Lower Upper
101 100
85 41.0 33.8 50.8
151 83.3 67.4 101.0

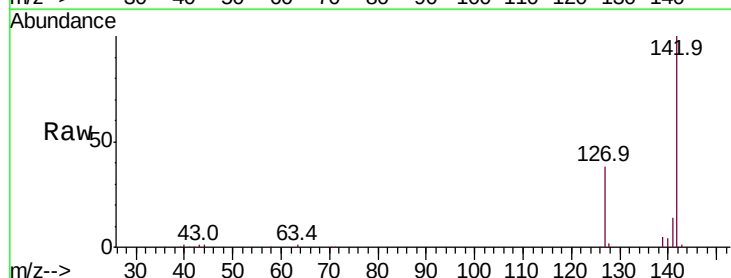


Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V

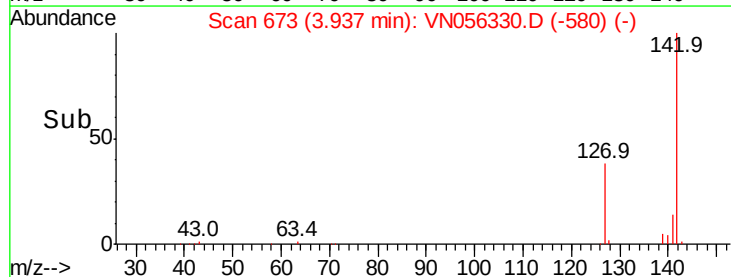
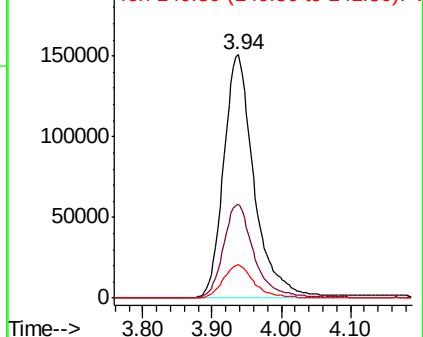


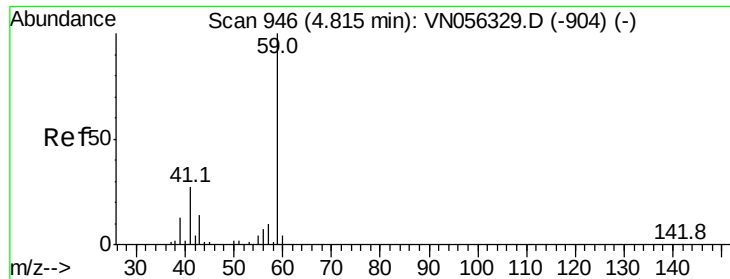
#10
Methyl Iodide
Concen: 77.360 ug/l
RT: 3.94 min Scan# 673
Delta R.T. -0.00 min
Lab File: VN056330.D
Acq: 17 Jun 2019 10:25

Tgt Ion:142 Resp: 465142
Ion Ratio Lower Upper
142 100
127 38.5 30.8 46.2
141 13.9 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: 392.242 ug/l m

RT: 4.82 min Scan# 947

Delta R.T. 0.00 min

Lab File: VN056330.D

Acq: 17 Jun 2019 10:25

Instrument :

MSVOA_N

ClientSampleId :

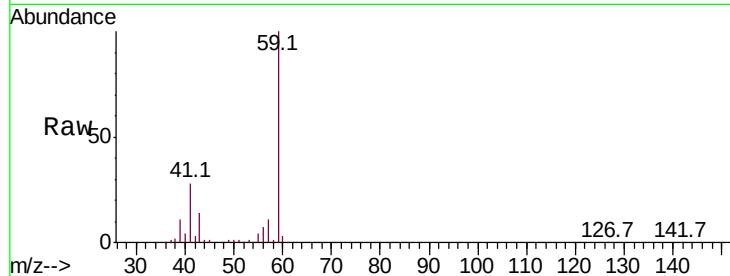
VSTDIC100

Tot Ion: 59 Resp: 324741

Ion Ratio Lower Upper

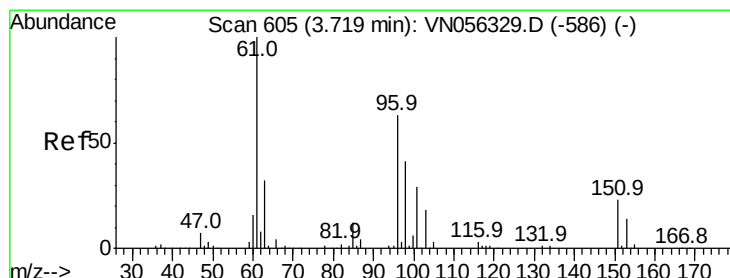
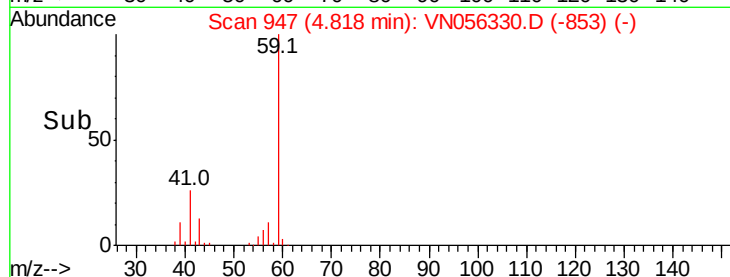
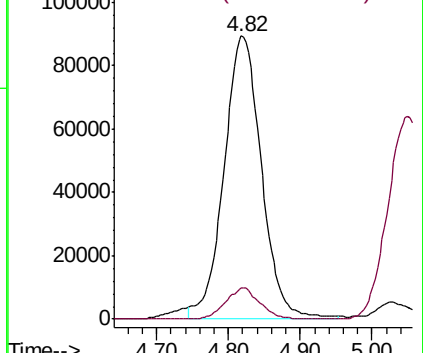
59 100

57 10.1 7.8 11.8



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#12

1,1-Dichloroethene

Concen: 83.649 ug/l

RT: 3.72 min Scan# 605

Delta R.T. -0.00 min

Lab File: VN056330.D

Acq: 17 Jun 2019 10:25

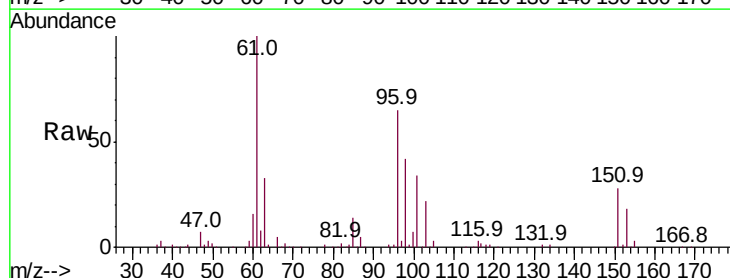
Tgt Ion: 96 Resp: 323738

Ion Ratio Lower Upper

96 100

61 154.5 127.4 191.2

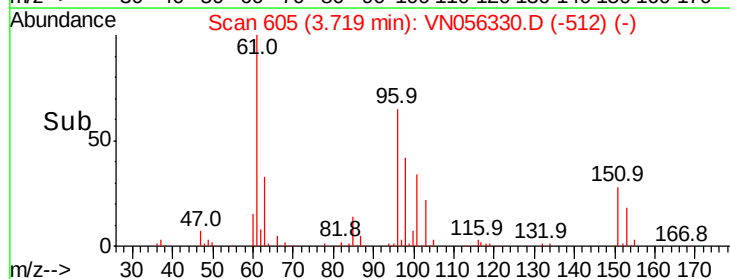
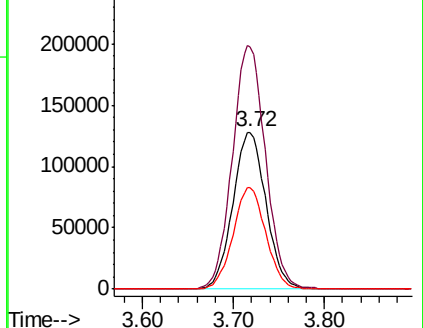
98 64.7 51.7 77.5

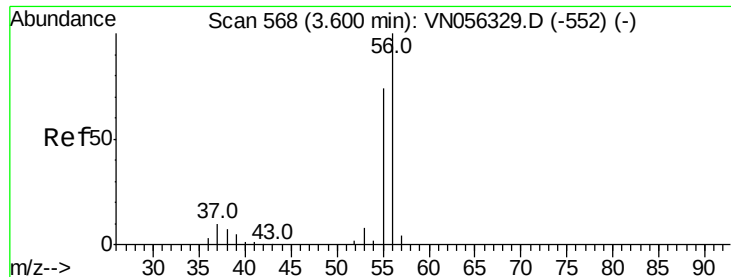


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

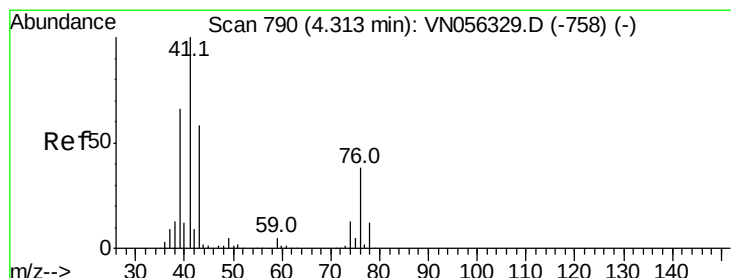
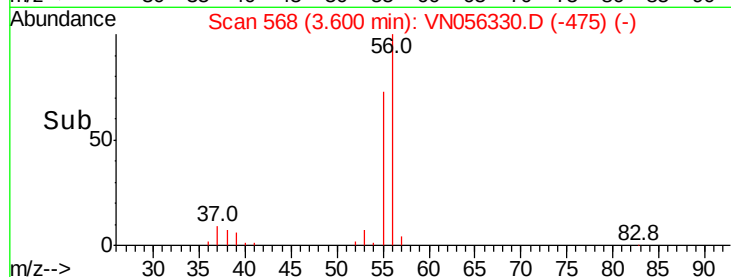
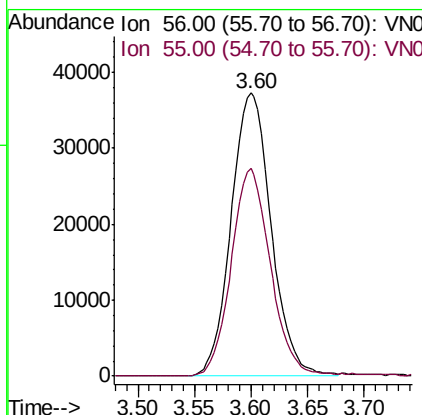
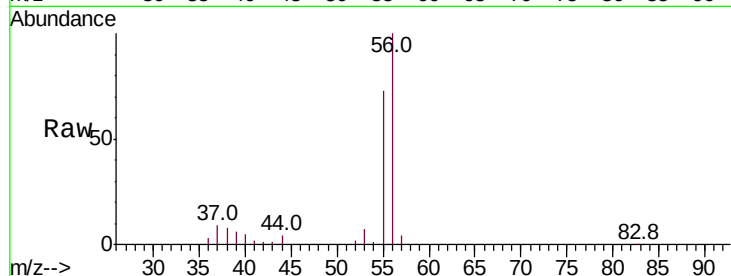




#13
Acrolein
Concen: 395.773 ug/l
RT: 3.60 min Scan# 568
Delta R.T. -0.00 min
Lab File: VN056330.D
Acq: 17 Jun 2019 10:25

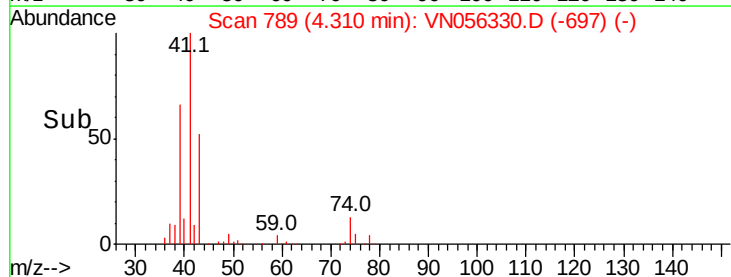
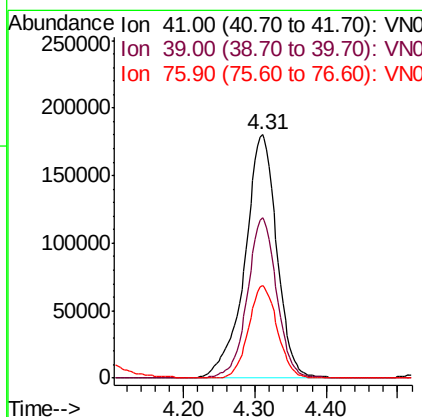
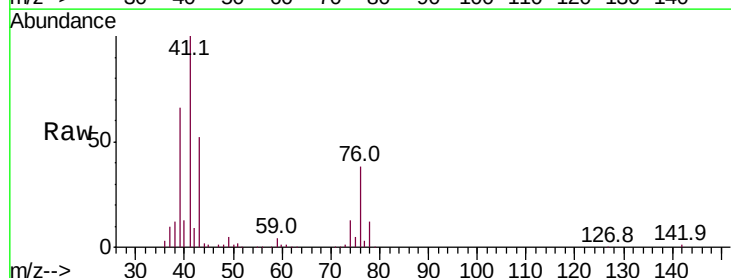
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

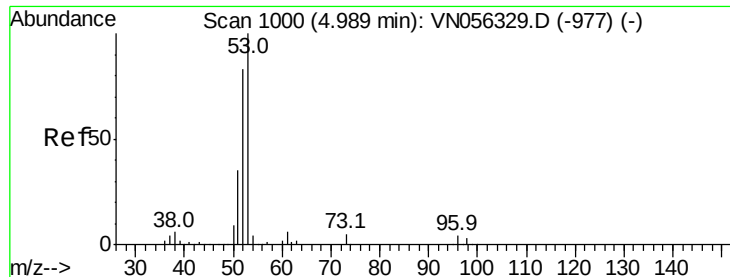
Tot Ion: 56 Resp: 91932
Ion Ratio Lower Upper
56 100
55 71.8 56.4 84.6



#14
Allyl chloride
Concen: 87.642 ug/l
RT: 4.31 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN056330.D
Acq: 17 Jun 2019 10:25

Tgt Ion: 41 Resp: 560409
Ion Ratio Lower Upper
41 100
39 60.7 48.9 73.3
76 34.1 27.2 40.8





#15

Acrylonitrile

Concen: 451.079 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VN056330.D

Acq: 17 Jun 2019 10:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

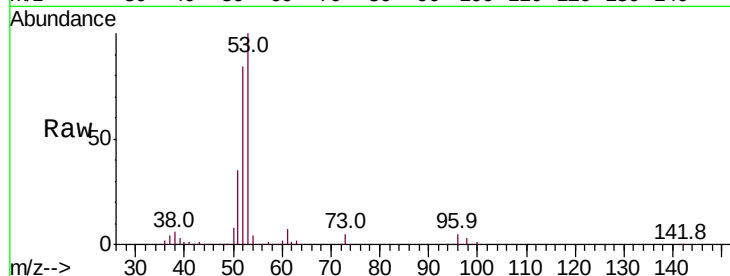
Tot Ion: 53 Resp: 928291

Ion Ratio Lower Upper

53 100

52 83.0 65.4 98.2

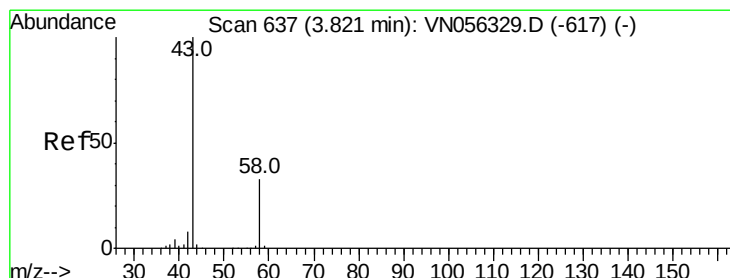
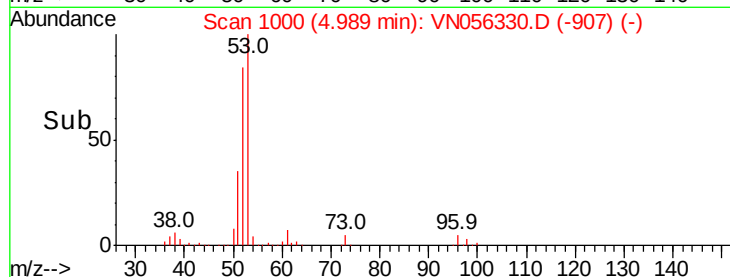
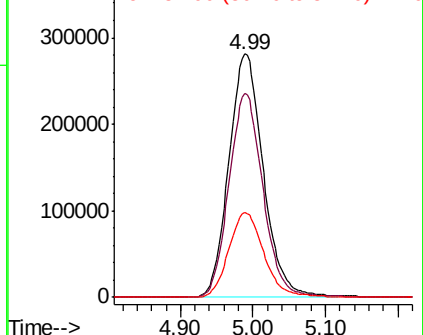
51 35.7 28.5 42.7



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: 445.581 ug/l

RT: 3.82 min Scan# 637

Delta R.T. -0.00 min

Lab File: VN056330.D

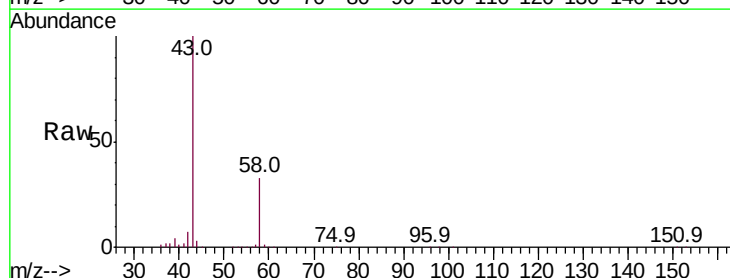
Acq: 17 Jun 2019 10:25

Tgt Ion: 43 Resp: 1071066

Ion Ratio Lower Upper

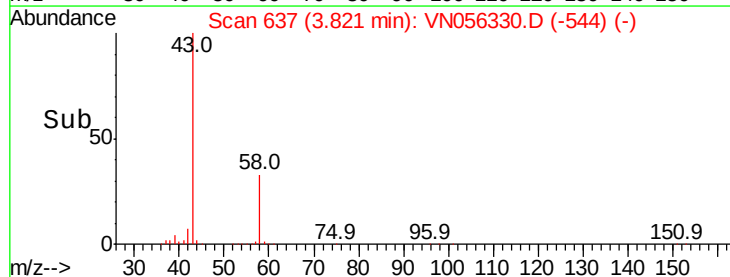
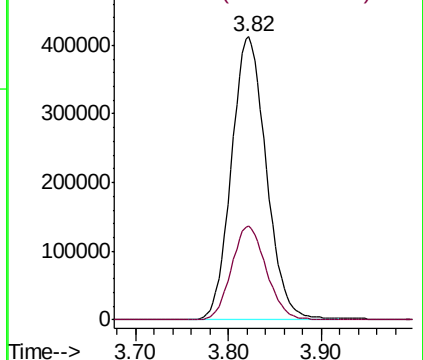
43 100

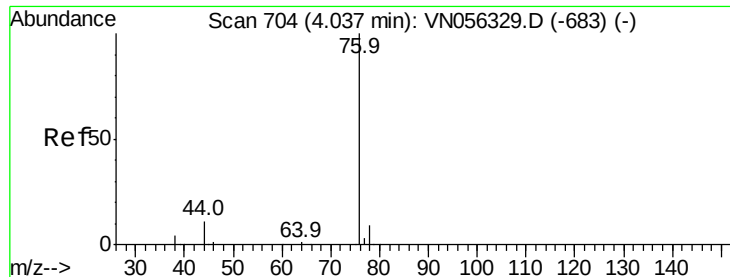
58 33.1 26.5 39.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 90.115 ug/l

RT: 4.03 min Scan# 703

Delta R.T. -0.00 min

Lab File: VN056330.D

Acq: 17 Jun 2019 10:25

Instrument :

MSVOA_N

ClientSampleId :

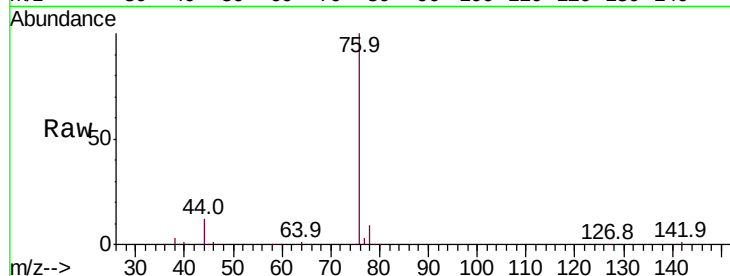
VSTDIC100

Tot Ion: 76 Resp: 893603

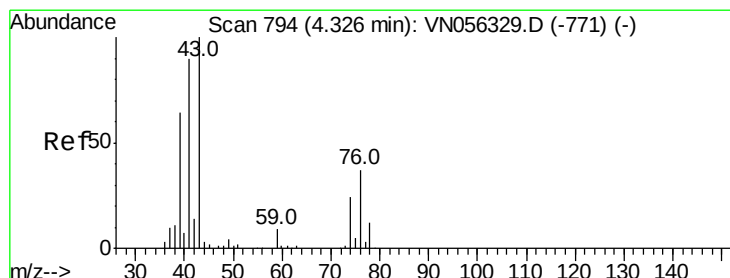
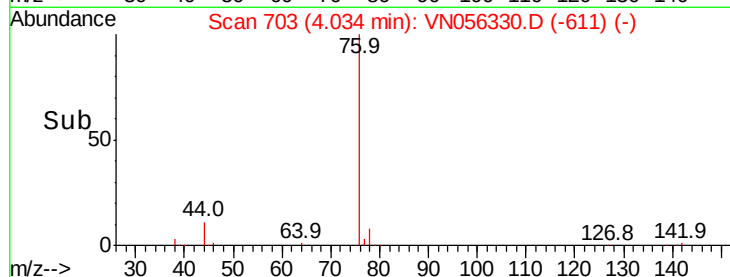
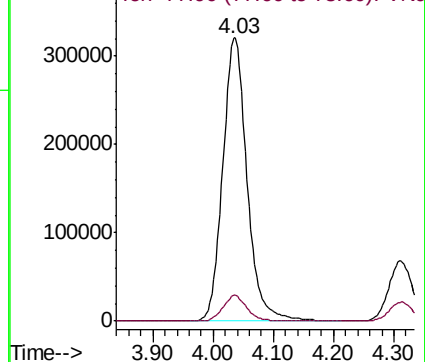
Ion Ratio Lower Upper

76 100

78 9.1 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: 78.536 ug/l

RT: 4.33 min Scan# 794

Delta R.T. -0.00 min

Lab File: VN056330.D

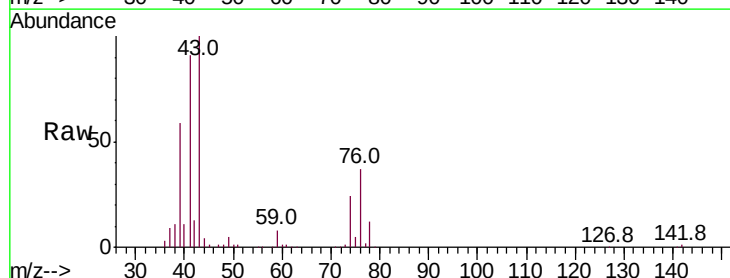
Acq: 17 Jun 2019 10:25

Tgt Ion: 43 Resp: 378286

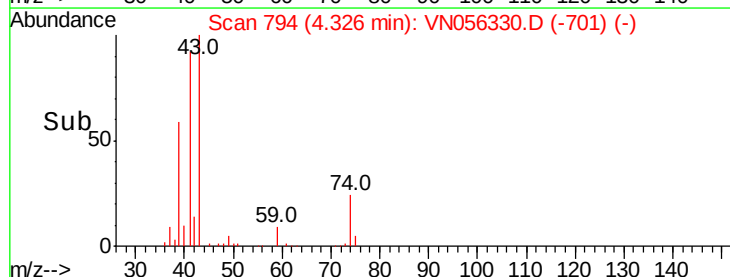
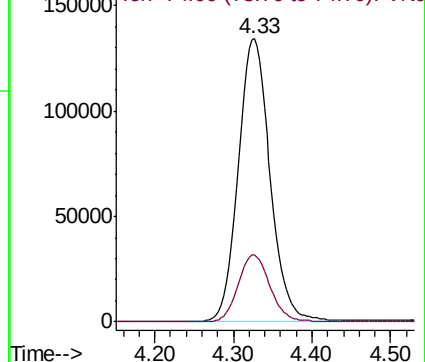
Ion Ratio Lower Upper

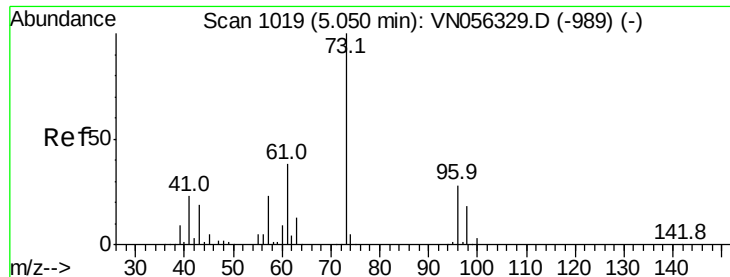
43 100

74 23.9 19.4 29.2



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

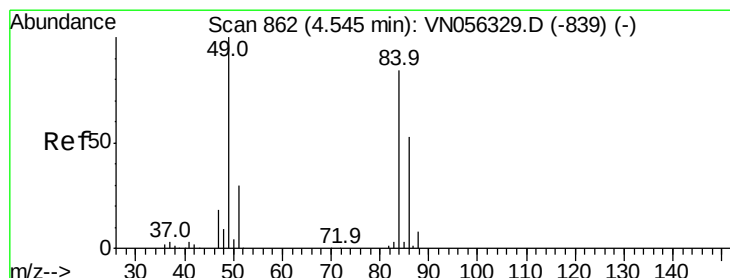
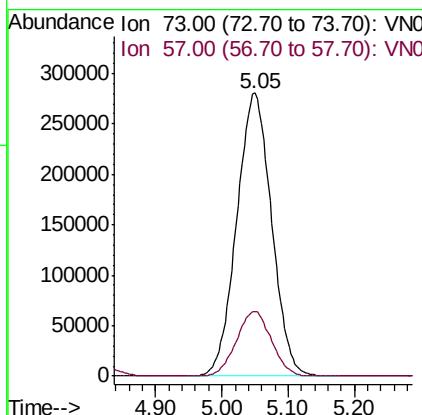
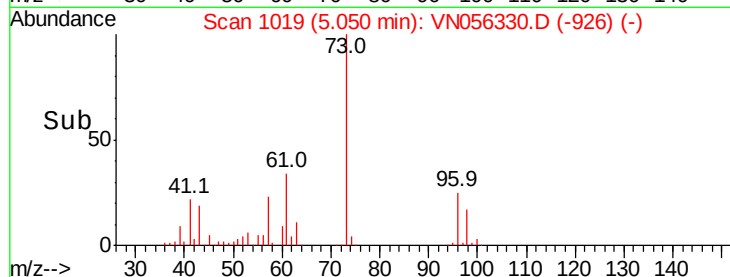
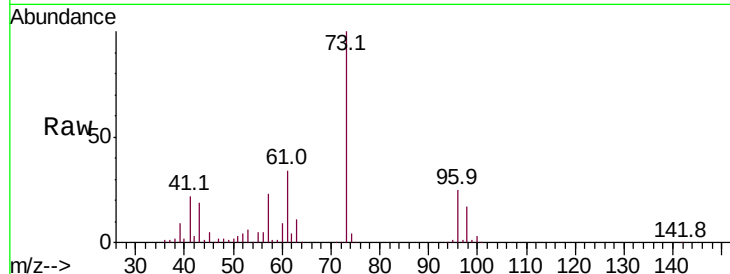




#19
Methyl tert-butyl Ether
Concen: 83.252 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. -0.00 min
Lab File: VN056330.D
Acq: 17 Jun 2019 10:25

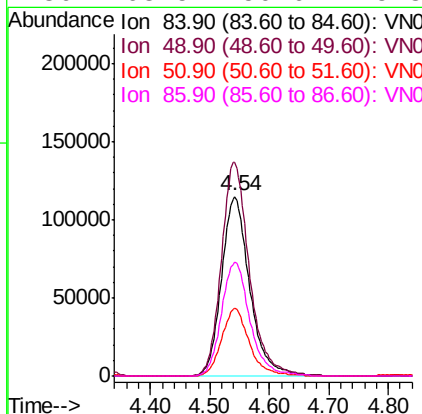
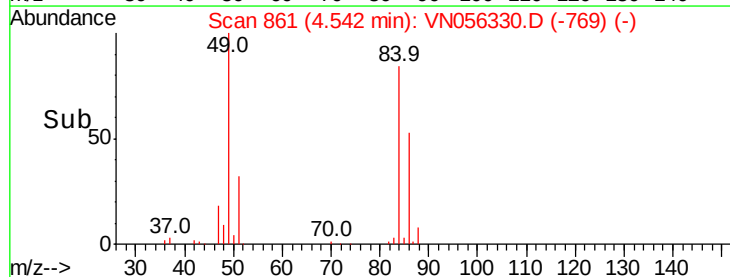
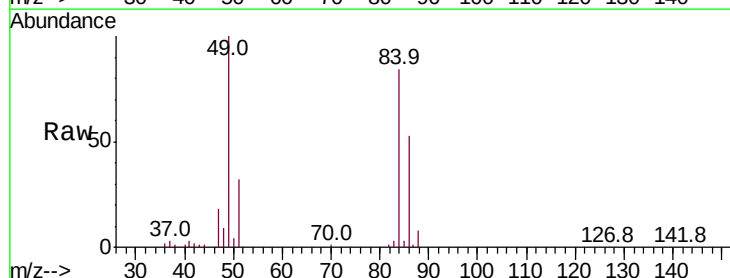
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

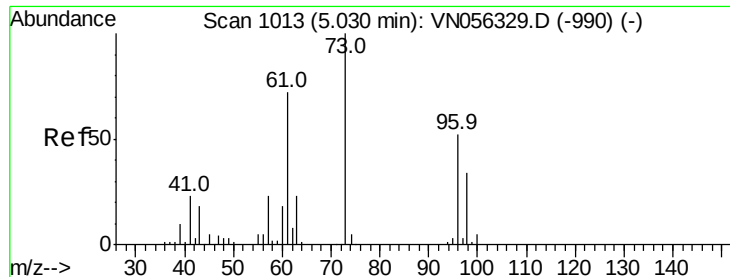
Tot Ion: 73 Resp: 1024292
Ion Ratio Lower Upper
73 100
57 22.9 18.1 27.1



#20
Methylene Chloride
Concen: 83.014 ug/l
RT: 4.54 min Scan# 861
Delta R.T. -0.00 min
Lab File: VN056330.D
Acq: 17 Jun 2019 10:25

Tgt Ion: 84 Resp: 377927
Ion Ratio Lower Upper
84 100
49 118.9 95.0 142.6
51 37.6 28.2 42.4
86 63.5 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 83.287 ug/l

RT: 5.03 min Scan# 1013

Delta R.T. -0.00 min

Lab File: VN056330.D

Acq: 17 Jun 2019 10:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

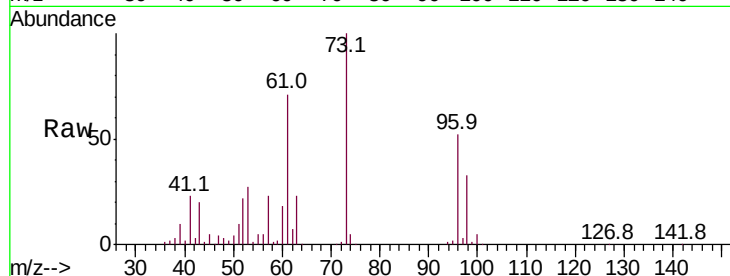
Tot Ion: 96 Resp: 347611

Ion Ratio Lower Upper

96 100

61 136.7 109.8 164.6

98 63.2 52.0 78.0

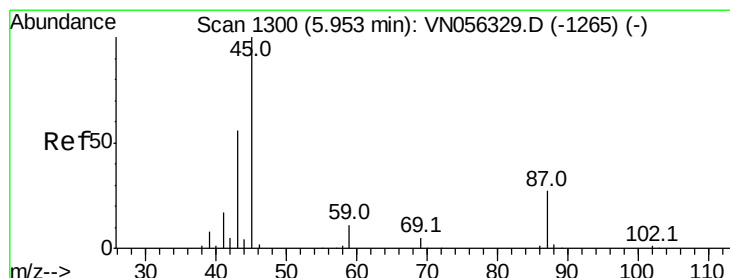
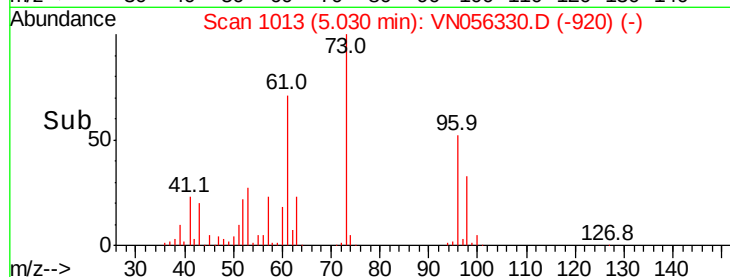
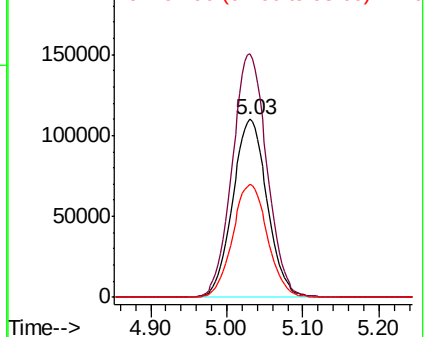


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 84.566 ug/l

RT: 5.96 min Scan# 1301

Delta R.T. 0.00 min

Lab File: VN056330.D

Acq: 17 Jun 2019 10:25

Tgt Ion: 45 Resp: 1093986

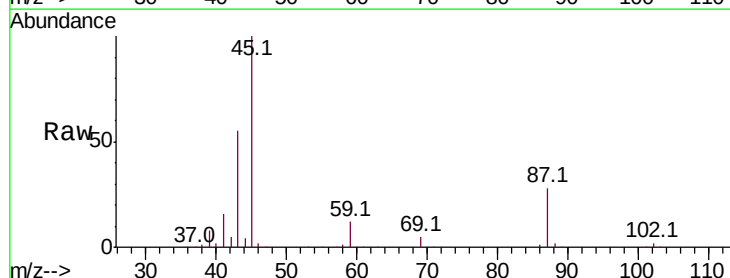
Ion Ratio Lower Upper

45 100

43 53.6 47.0 70.6

87 28.0 22.4 33.6

59 11.6 9.2 13.8



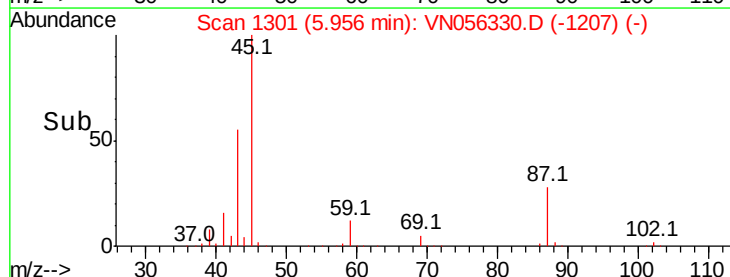
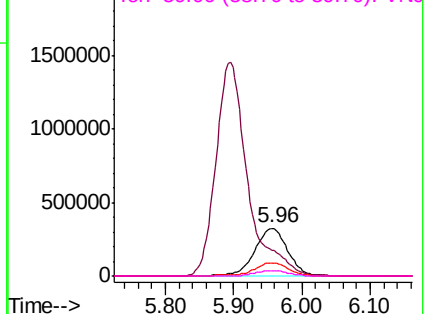
Abundance

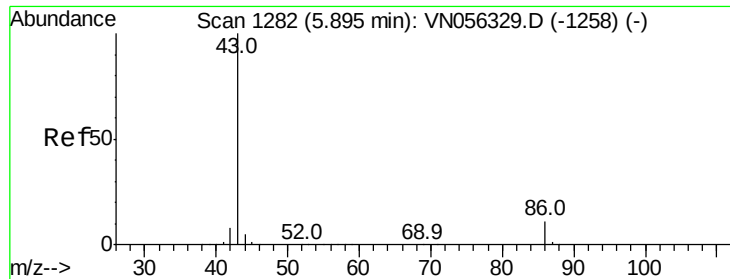
Ion 45.00 (44.70 to 45.70): VN0

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

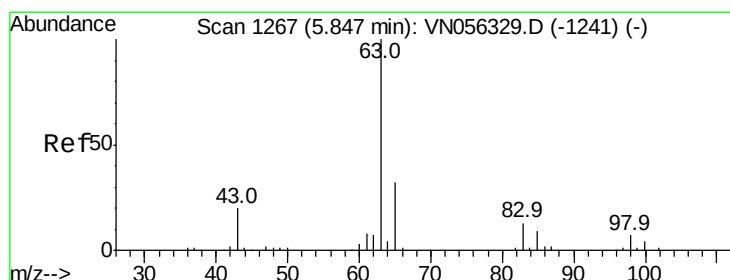
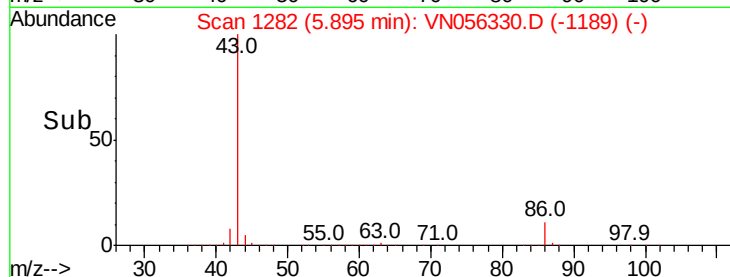
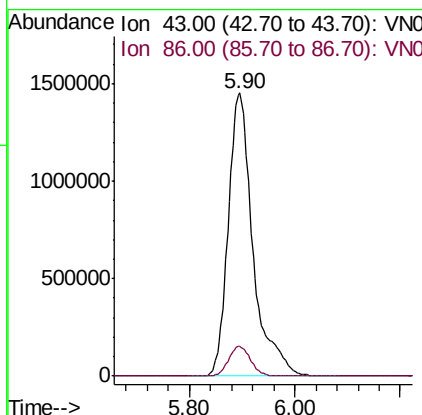
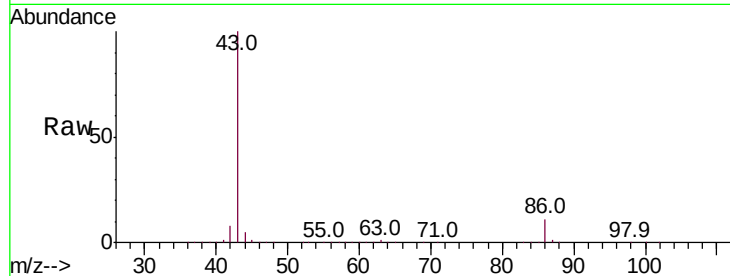




#23
 Vinyl Acetate
 Concen: 450.528 ug/l
 RT: 5.90 min Scan# 1282
 Delta R.T. -0.00 min
 Lab File: VN056330.D
 Acq: 17 Jun 2019 10:25

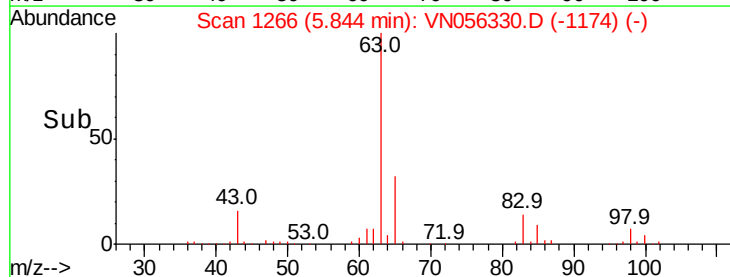
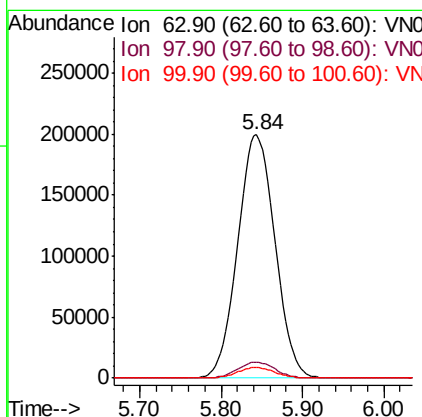
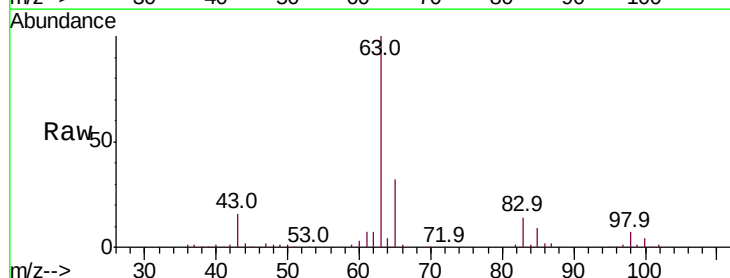
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

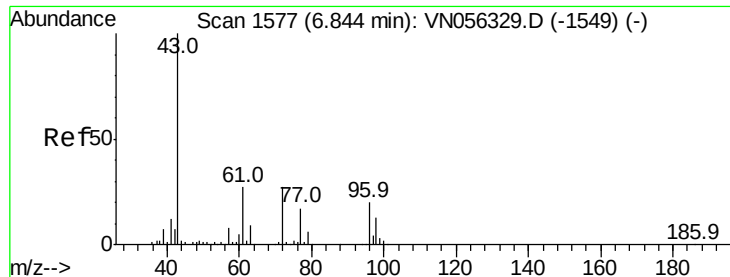
Tot Ion: 43 Resp: 4708967
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 84.667 ug/l
 RT: 5.84 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: VN056330.D
 Acq: 17 Jun 2019 10:25

Tgt Ion: 63 Resp: 631867
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.3 9.8
 100 4.2 2.2 6.6

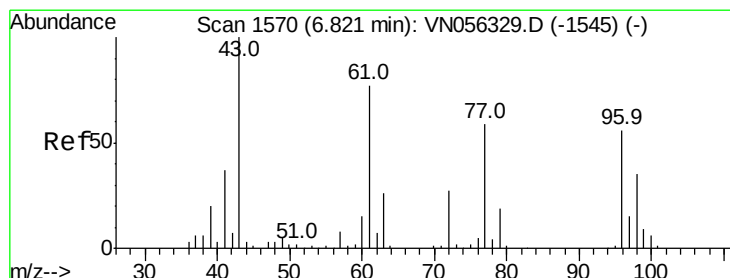
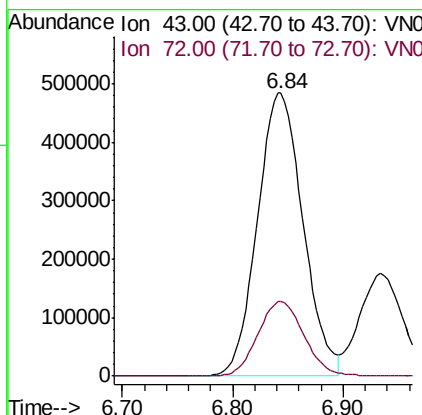
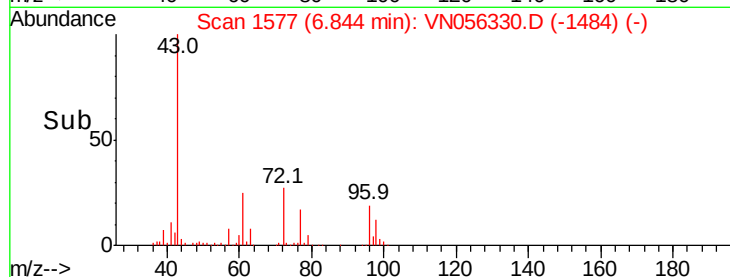
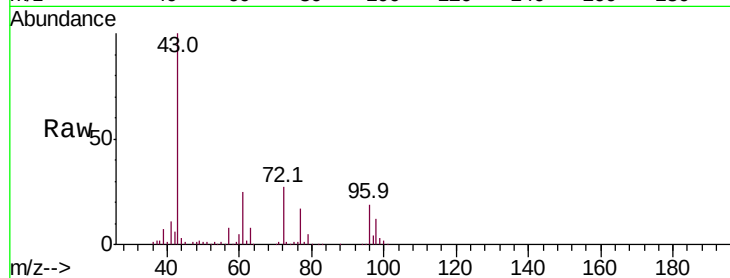




#25
2-Butanone
Concen: 458.146 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. -0.00 min
Lab File: VN056330.D
Acq: 17 Jun 2019 10:25

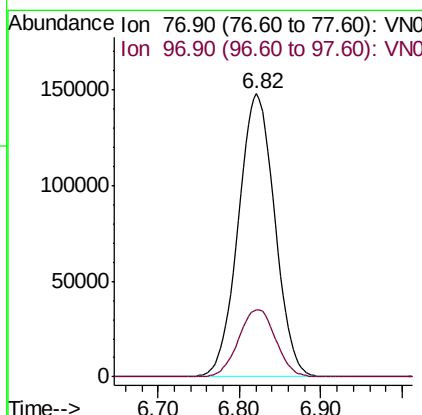
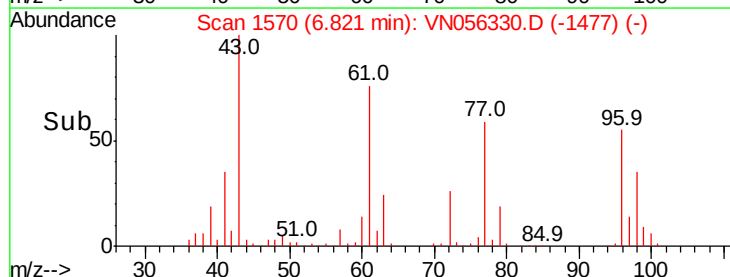
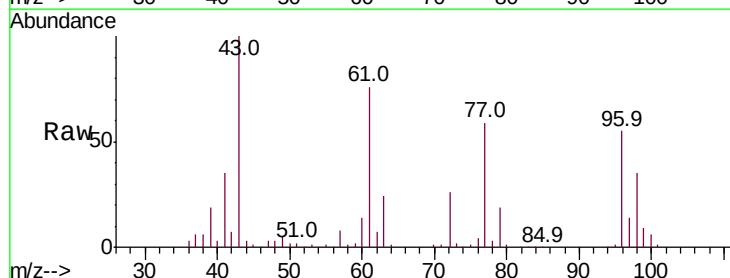
Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

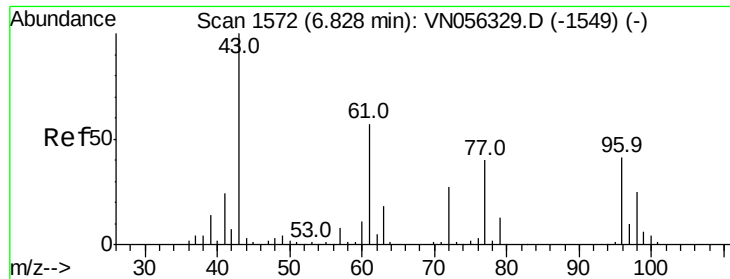
Tot Ion: 43 Resp: 1382303
Ion Ratio Lower Upper
43 100
72 26.6 21.4 32.2



#26
2,2-Dichloropropane
Concen: 81.931 ug/l
RT: 6.82 min Scan# 1570
Delta R.T. -0.00 min
Lab File: VN056330.D
Acq: 17 Jun 2019 10:25

Tgt Ion: 77 Resp: 457595
Ion Ratio Lower Upper
77 100
97 24.2 12.2 36.6





#27

cis-1,2-Dichloroethene

Concen: 83.153 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. -0.00 min

Lab File: VN056330.D

Acq: 17 Jun 2019 10:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

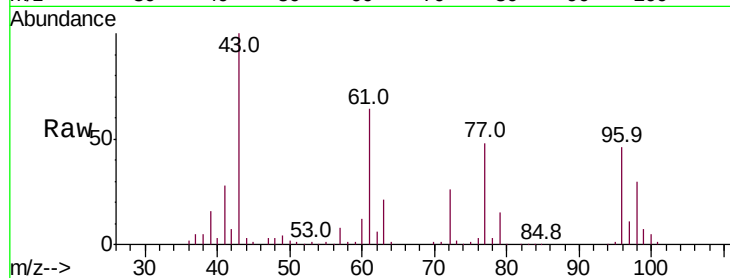
Tot Ion: 96 Resp: 405495

Ion Ratio Lower Upper

96 100

61 139.2 0.0 278.6

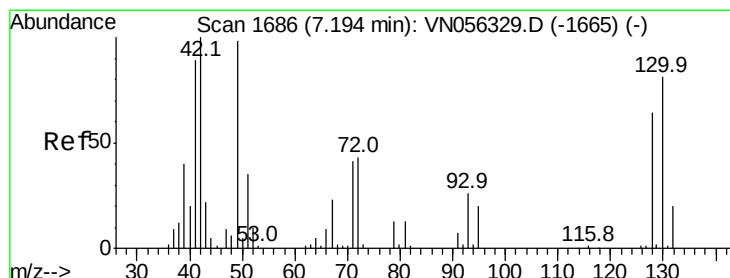
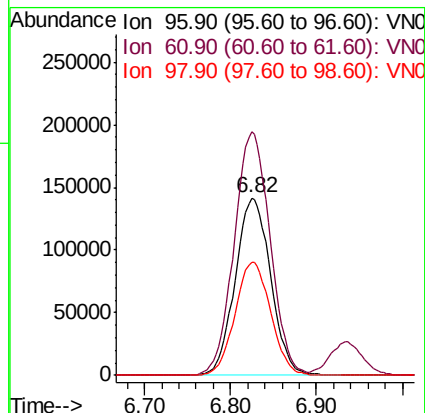
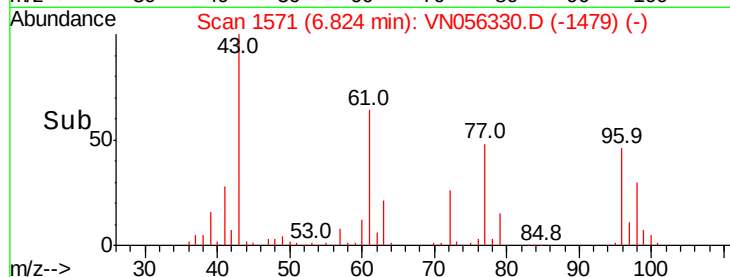
98 64.2 0.0 127.0



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 85.306 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VN056330.D

Acq: 17 Jun 2019 10:25

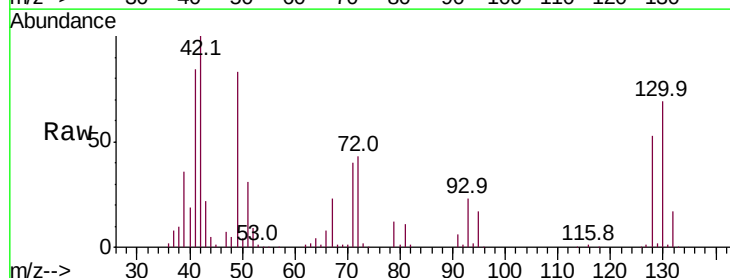
Tgt Ion: 49 Resp: 308576

Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.4

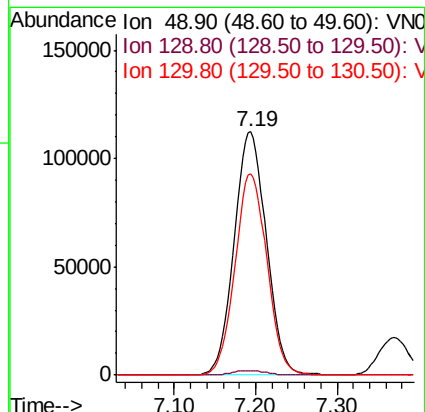
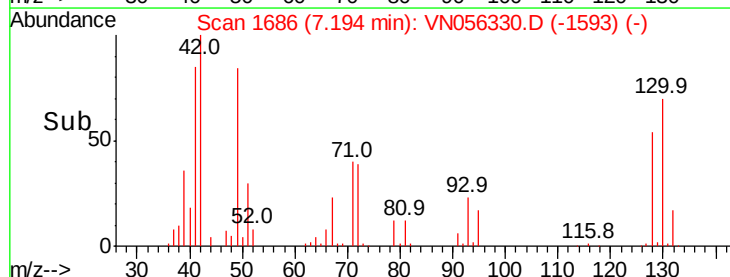
130 82.0 66.4 99.6

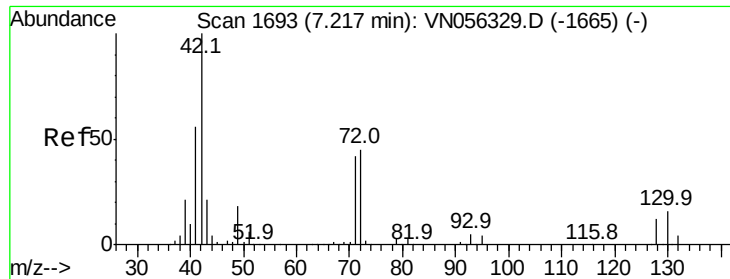


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

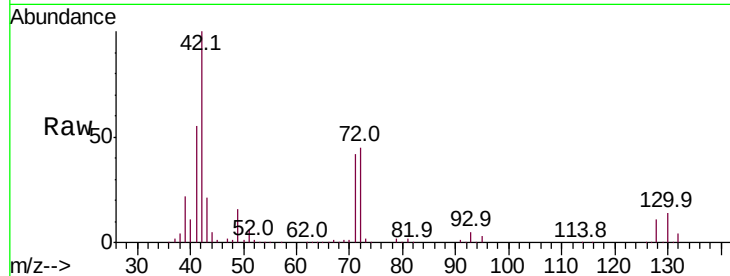




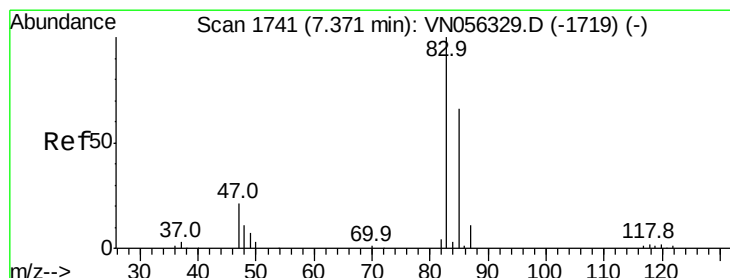
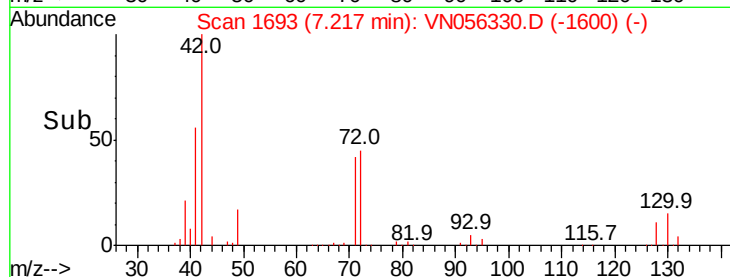
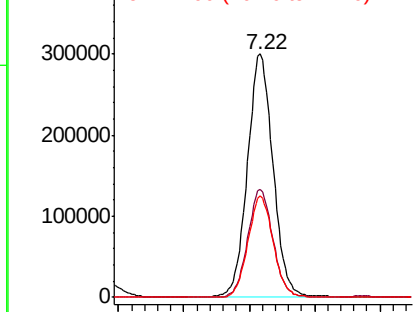
#29
Tetrahydrofuran
Concen: 450.956 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. -0.00 min
Lab File: VN056330.D
Acq: 17 Jun 2019 10:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion: 42 Resp: 818822
Ion Ratio Lower Upper
42 100
72 43.7 35.3 52.9
71 41.1 32.7 49.1

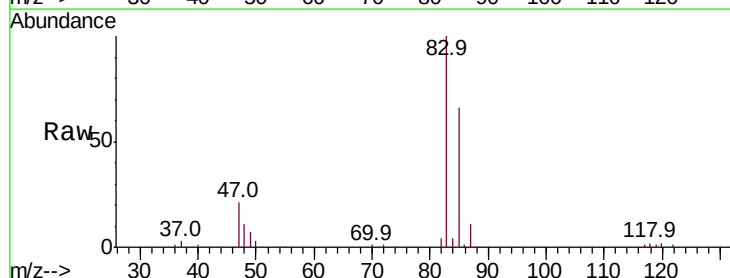


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

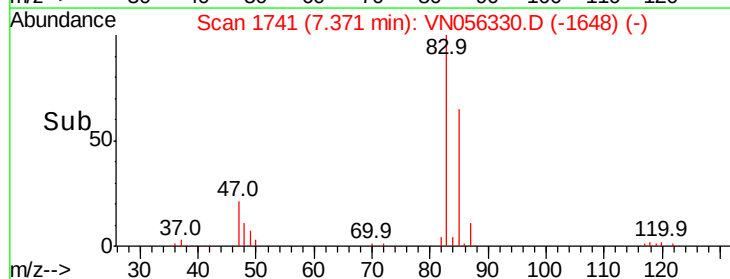
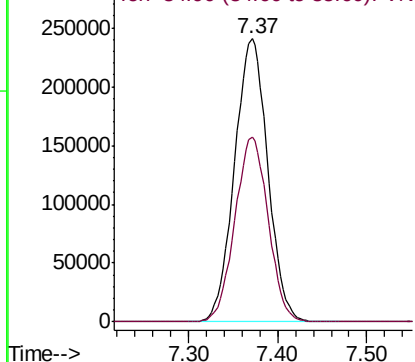


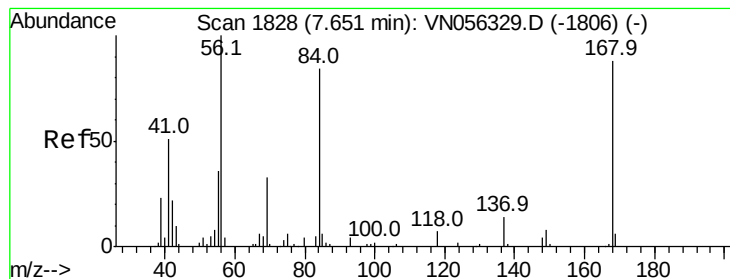
#30
Chloroform
Concen: 83.510 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN056330.D
Acq: 17 Jun 2019 10:25

Tgt Ion: 83 Resp: 622155
Ion Ratio Lower Upper
83 100
85 65.5 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 78.512 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VN056330.D

Acq: 17 Jun 2019 10:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

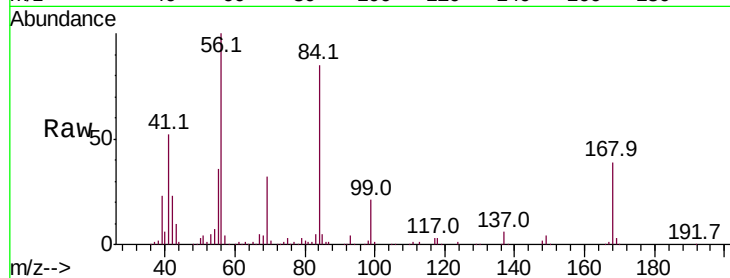
Tot Ion: 56 Resp: 597424

Ion Ratio Lower Upper

56 100

69 31.5 26.0 39.0

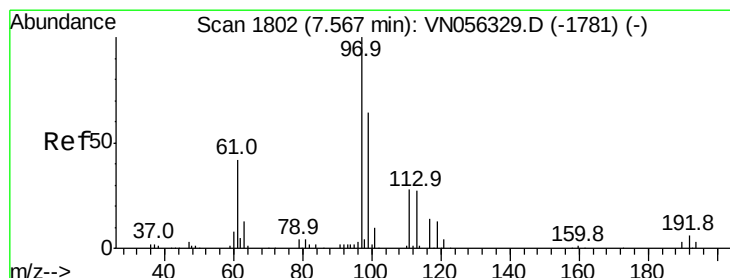
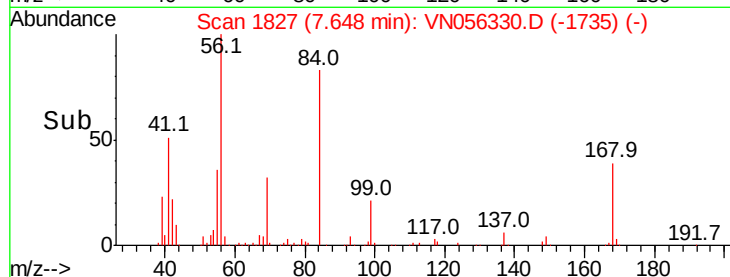
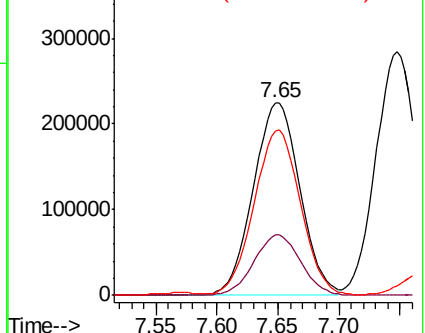
84 84.0 67.4 101.0



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 84.742 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VN056330.D

Acq: 17 Jun 2019 10:25

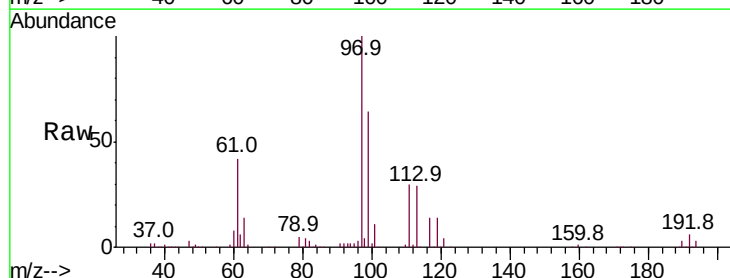
Tgt Ion: 97 Resp: 526672

Ion Ratio Lower Upper

97 100

99 64.1 51.4 77.0

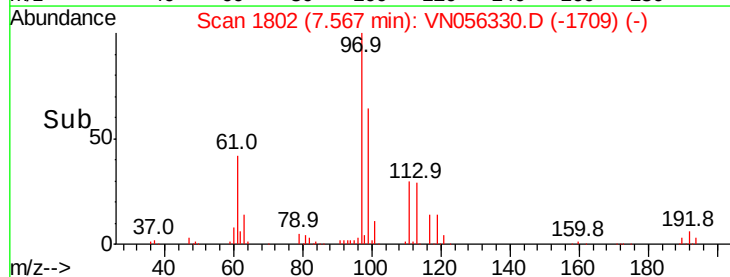
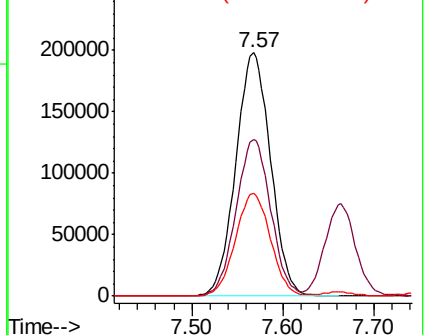
61 42.6 34.4 51.6

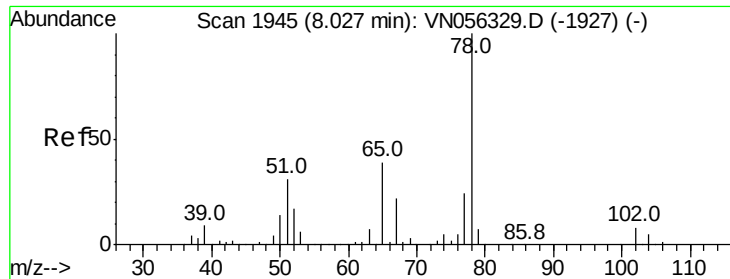


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

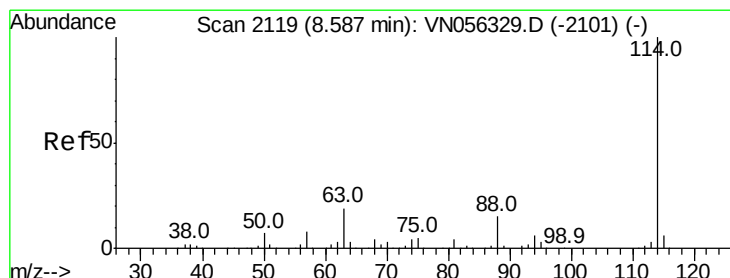
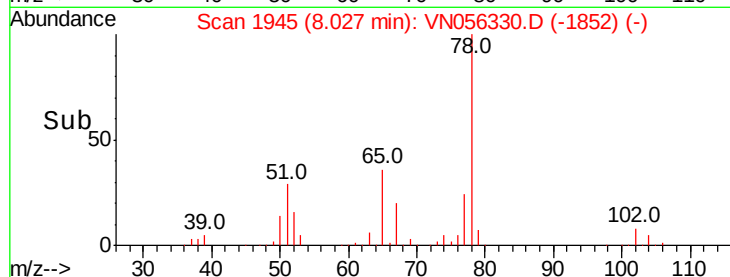
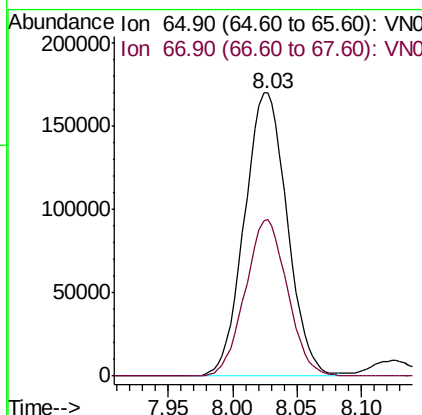
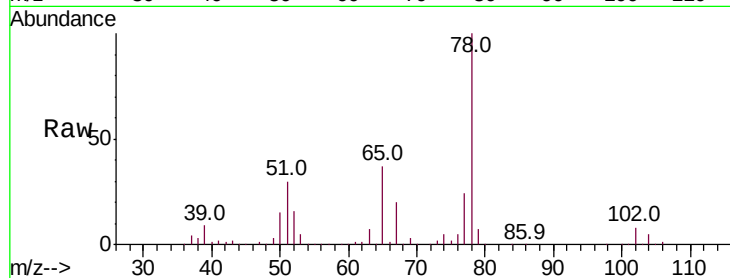




#33
 1,2-Dichloroethane-d4
 Concen: 81.210 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN056330.D
 Acq: 17 Jun 2019 10:25

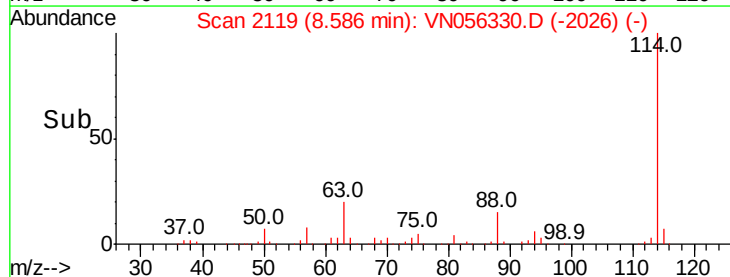
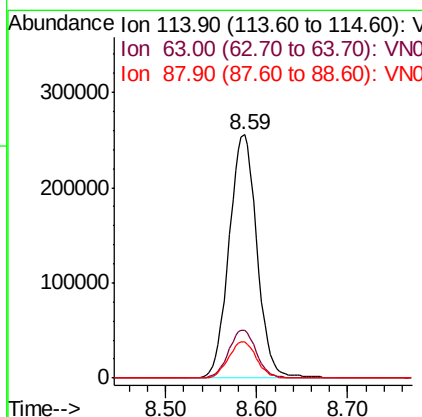
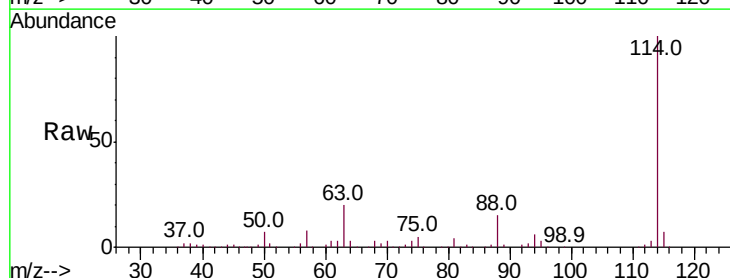
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

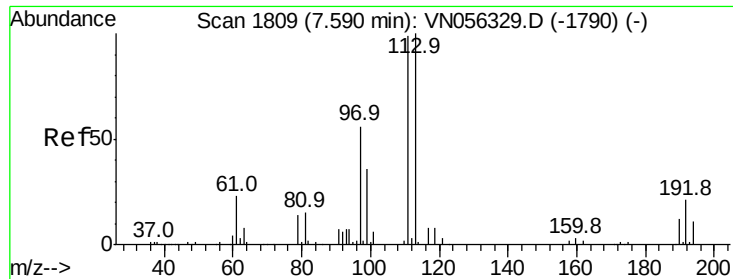
Tot Ion: 65 Resp: 393568
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 110.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN056330.D
 Acq: 17 Jun 2019 10:25

Tgt Ion: 114 Resp: 543047
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 38.8
 88 14.9 0.0 30.6

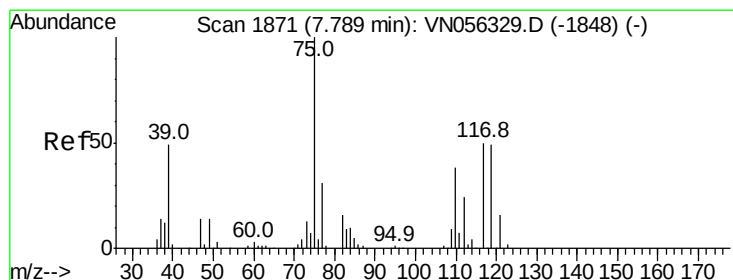
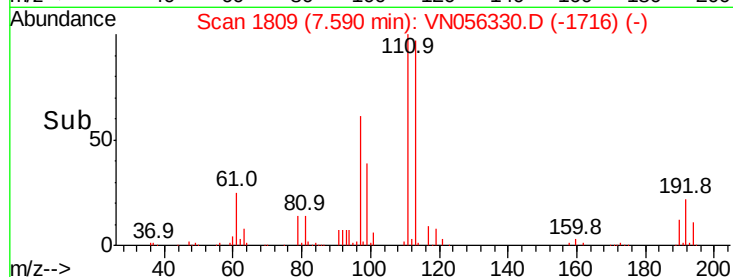
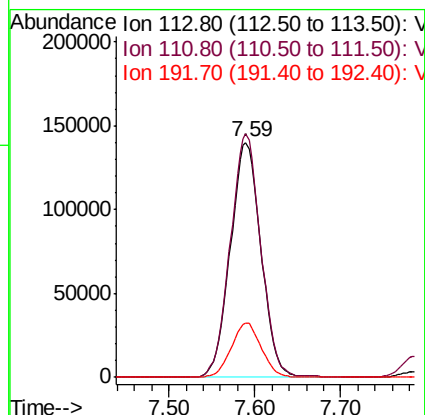
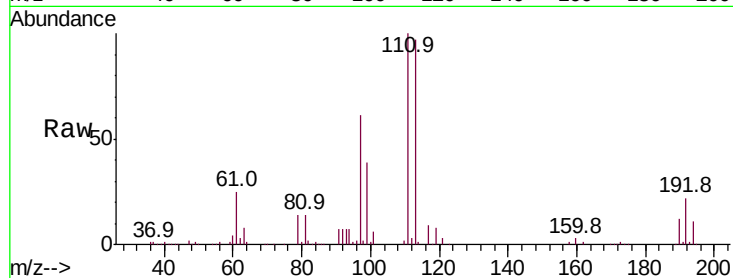




#35
 Dibromofluoromethane
 Concen: 77.832 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN056330.D
 Acq: 17 Jun 2019 10:25

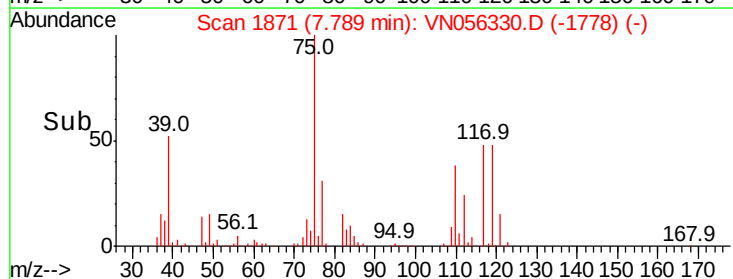
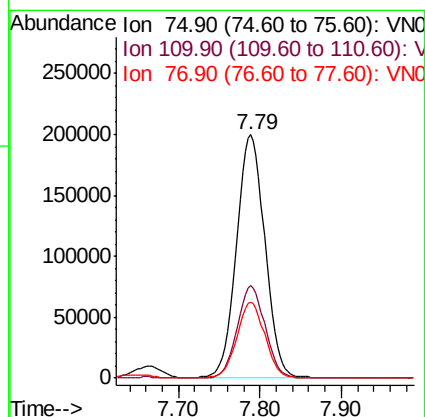
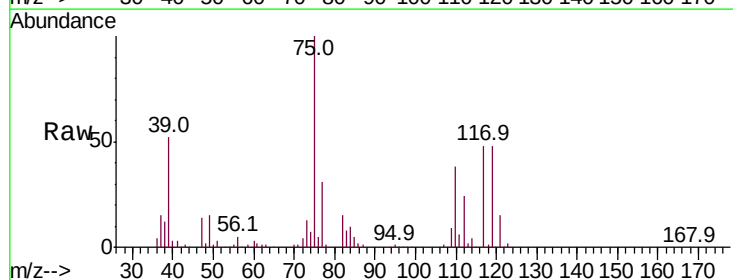
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

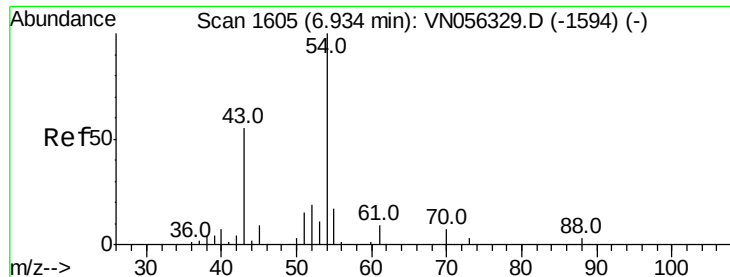
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.1	123.1
192	22.7	17.6	26.4



#36
 1,1-Dichloropropene
 Concen: 80.239 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. -0.00 min
 Lab File: VN056330.D
 Acq: 17 Jun 2019 10:25

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.2	18.6	56.0
77	31.0	25.0	37.6

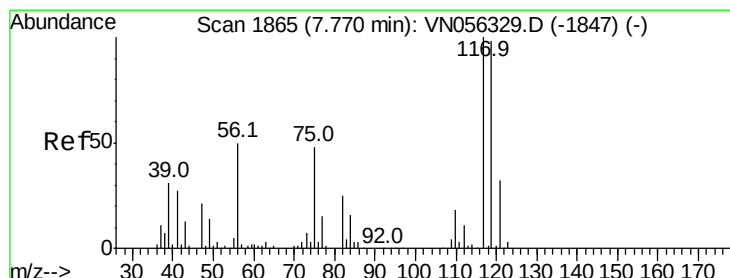
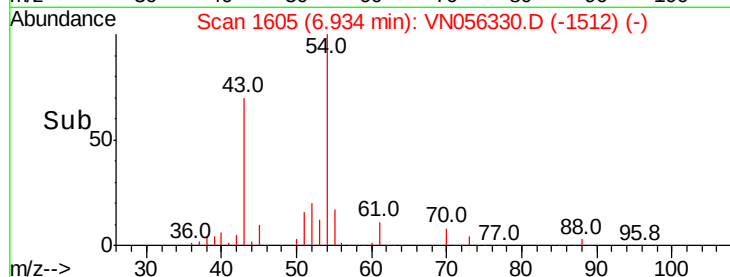
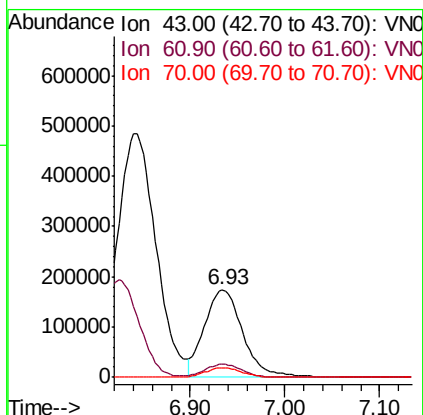
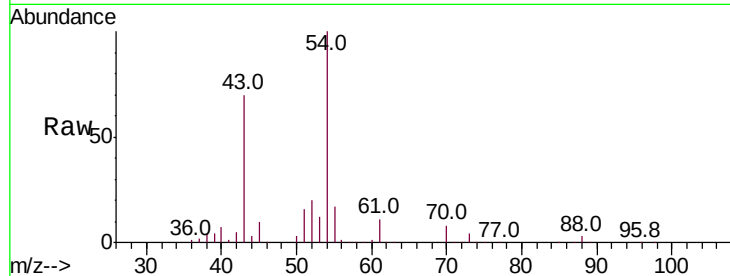




#37
Ethyl Acetate
Concen: 86.198 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. -0.00 min
Lab File: VN056330.D
Acq: 17 Jun 2019 10:25

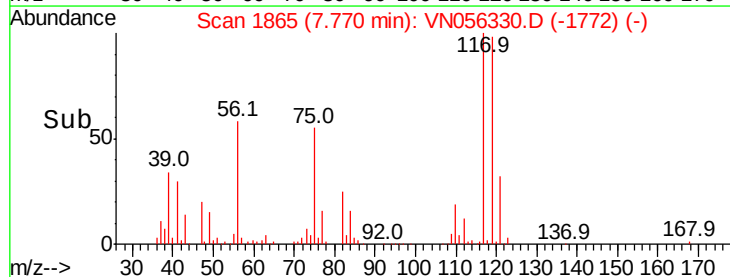
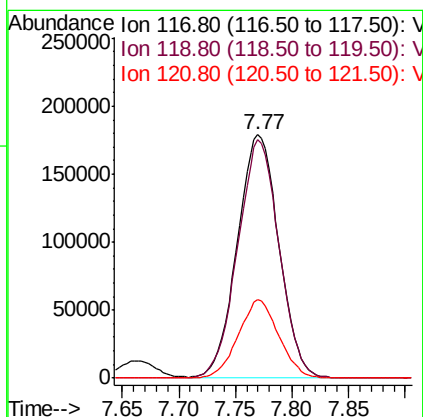
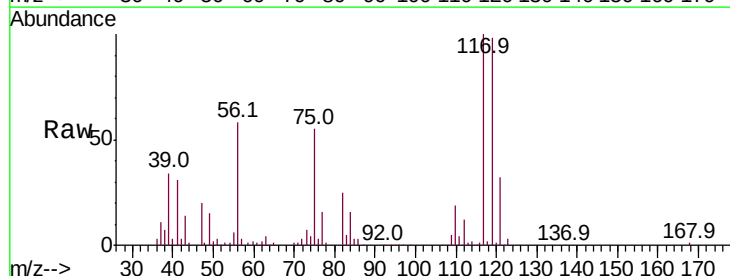
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

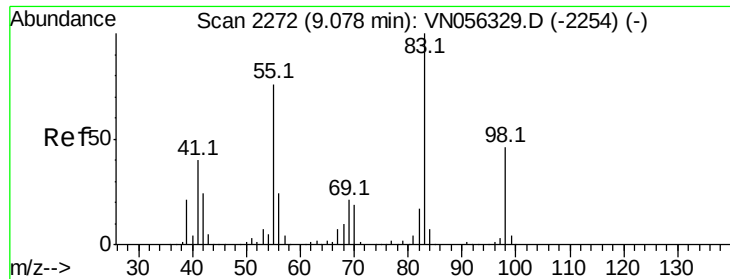
Tot Ion: 43 Resp: 486576
Ion Ratio Lower Upper
43 100
61 14.7 11.7 17.5
70 10.9 8.3 12.5



#38
Carbon Tetrachloride
Concen: 81.603 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. -0.00 min
Lab File: VN056330.D
Acq: 17 Jun 2019 10:25

Tgt Ion: 117 Resp: 457686
Ion Ratio Lower Upper
117 100
119 97.8 77.8 116.8
121 32.3 25.3 37.9

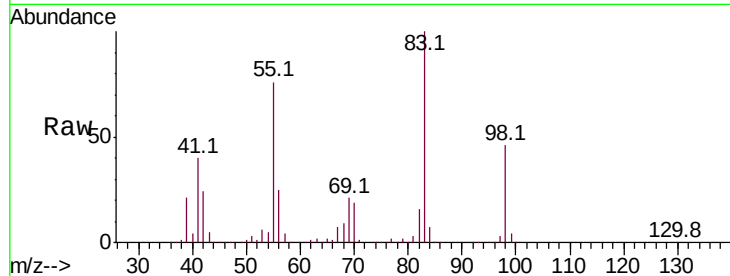




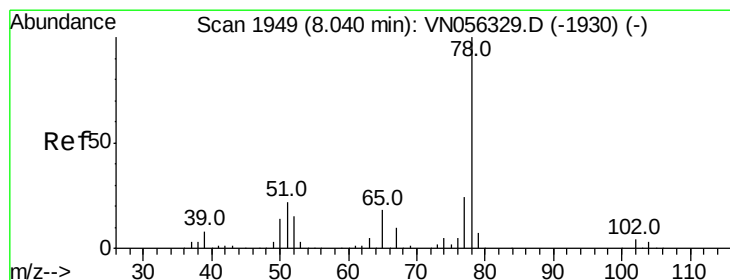
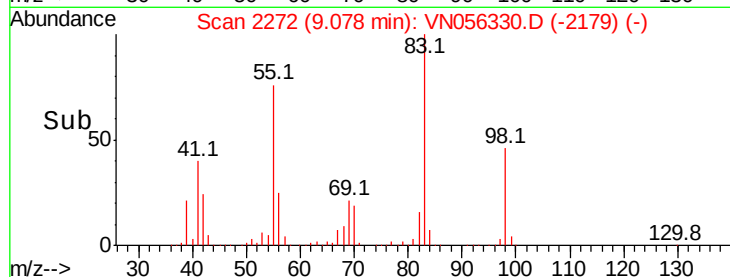
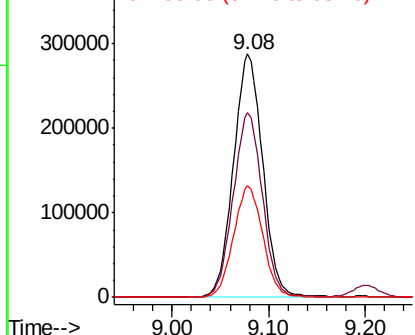
#39
Methylvlcyclohexane
Concen: 81.088 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN056330.D
Acq: 17 Jun 2019 10:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion: 83 Resp: 603991
Ion Ratio Lower Upper
83 100
55 76.0 60.8 91.2
98 45.8 36.8 55.2

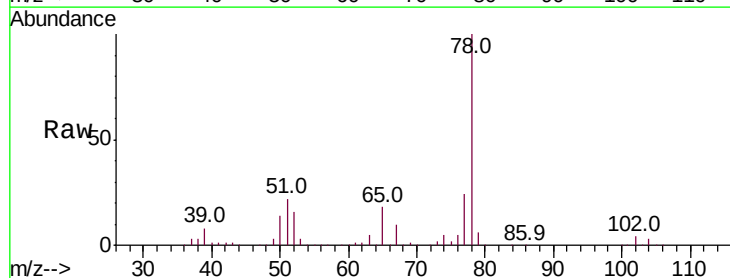


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

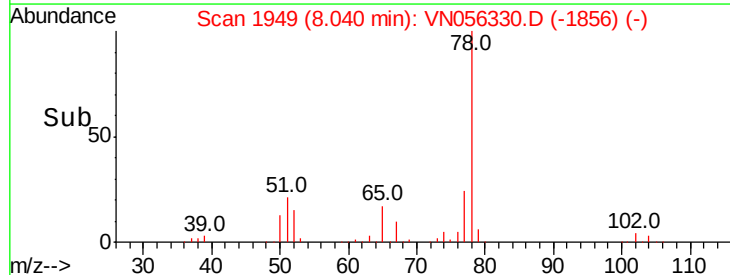
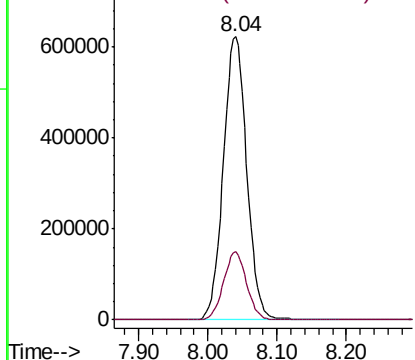


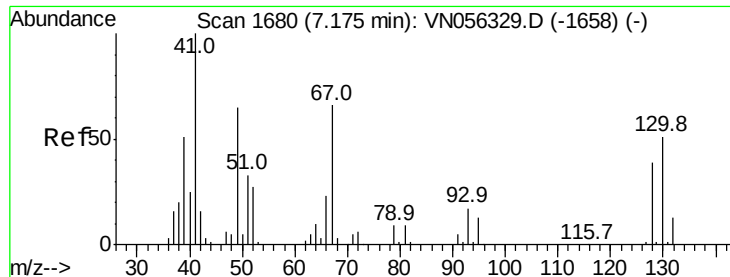
#40
Benzene
Concen: 80.456 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. -0.00 min
Lab File: VN056330.D
Acq: 17 Jun 2019 10:25

Tgt Ion: 78 Resp: 1467938
Ion Ratio Lower Upper
78 100
77 23.9 19.2 28.8



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

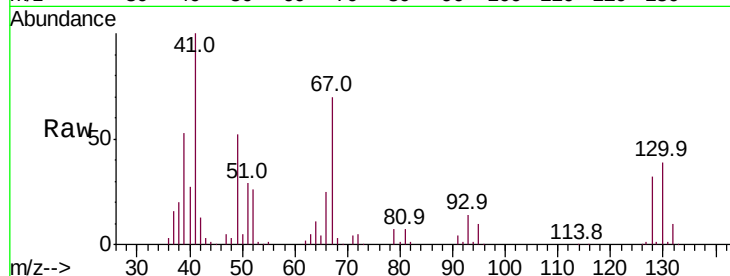




#41
Methacrylonitrile
Concen: 80.416 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. -0.00 min
Lab File: VN056330.D
Acq: 17 Jun 2019 10:25

Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

Tot Ion:	41	Resp:	213107
Ion	Ratio	Lower	Upper
41	100		
39	65.5	44.5	66.7
67	93.5	69.0	103.4
52	36.1	28.1	42.1



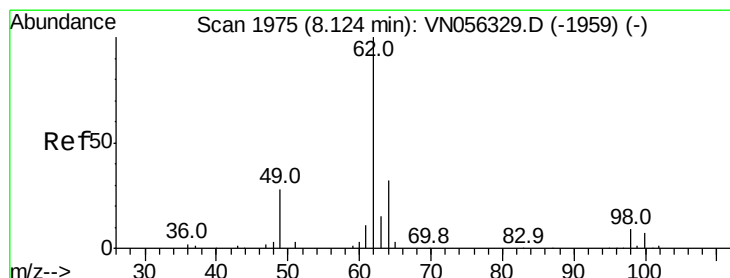
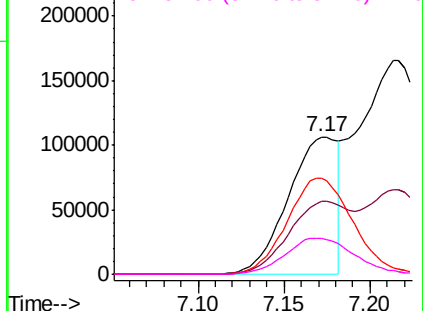
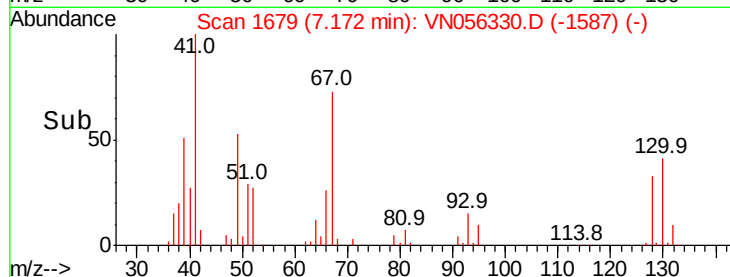
Abundance

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

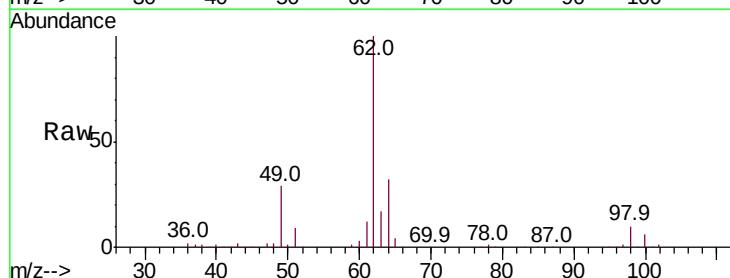
Ion 67.00 (66.70 to 67.70): VNO

Ion 52.00 (51.70 to 52.70): VNO



#42
1,2-Dichloroethane
Concen: 80.234 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN056330.D
Acq: 17 Jun 2019 10:25

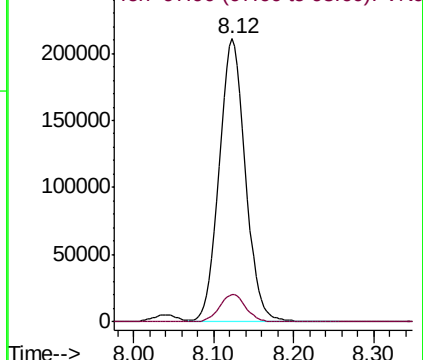
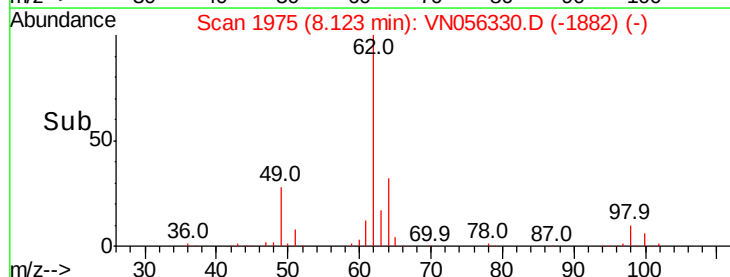
Tgt Ion:	62	Resp:	475964
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	19.4

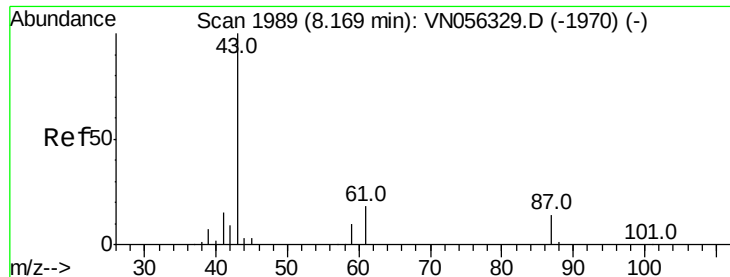


Abundance

Ion 61.90 (61.60 to 62.60): VNO

Ion 97.90 (97.60 to 98.60): VNO





#43

Isopropyl Acetate

Concen: 86.854 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VN056330.D

Acq: 17 Jun 2019 10:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

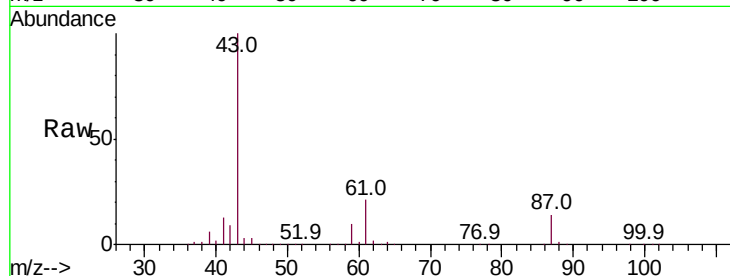
Tot Ion: 43 Resp: 773642

Ion Ratio Lower Upper

43 100

61 20.8 16.6 25.0

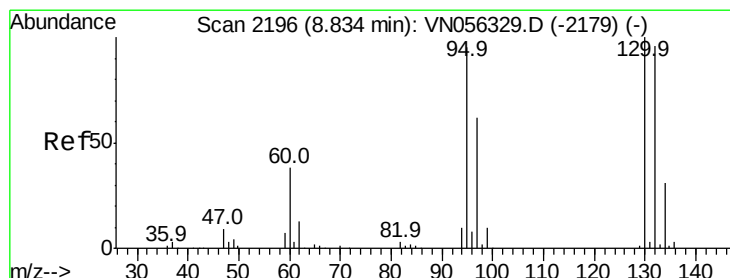
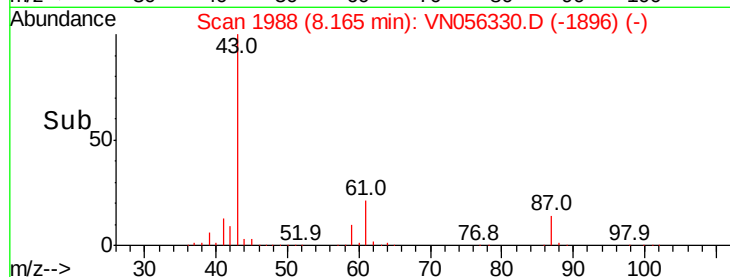
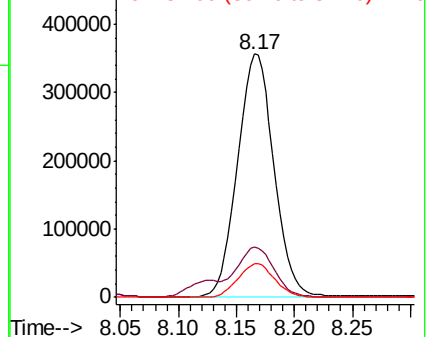
87 13.9 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#44

Trichloroethene

Concen: 78.598 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN056330.D

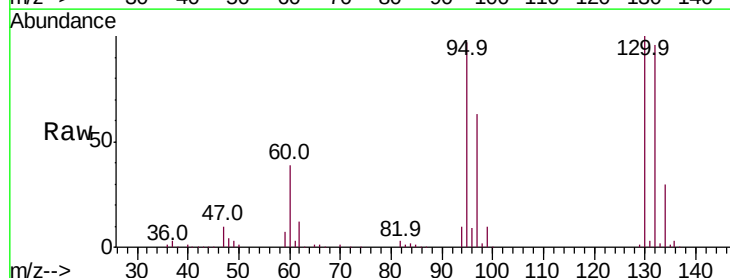
Acq: 17 Jun 2019 10:25

Tgt Ion:130 Resp: 400910

Ion Ratio Lower Upper

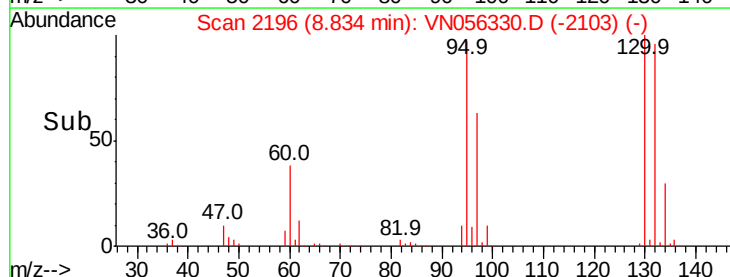
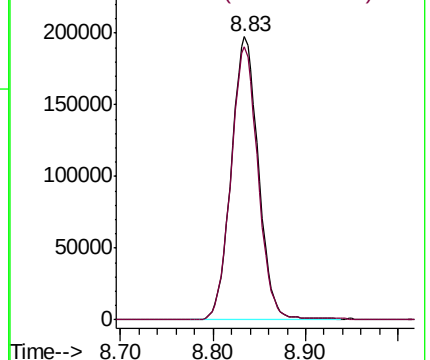
130 100

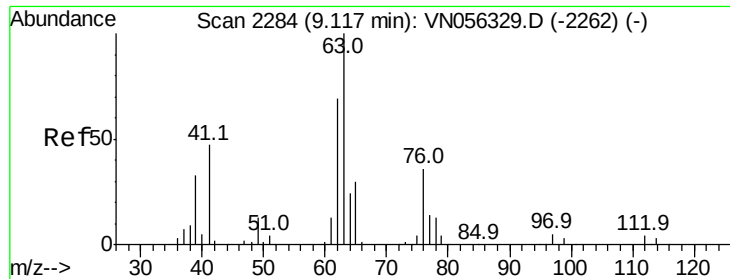
95 96.6 0.0 190.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0





#45

1,2-Dichloropropane

Concen: 82.175 ug/l

RT: 9.12 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN056330.D

Acq: 17 Jun 2019 10:25

Instrument :

MSVOA_N

ClientSampled :

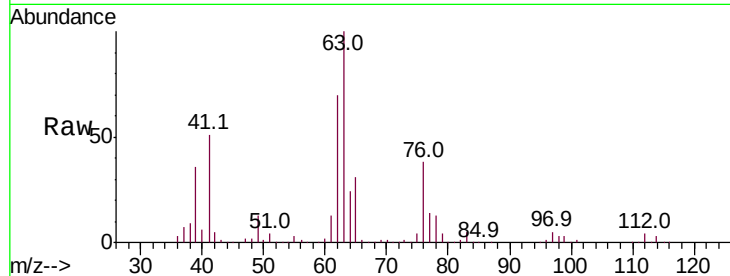
VSTDIC100

Tot Ion: 63 Resp: 391787

Ion Ratio Lower Upper

63 100

65 31.1 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

9.12

200000

150000

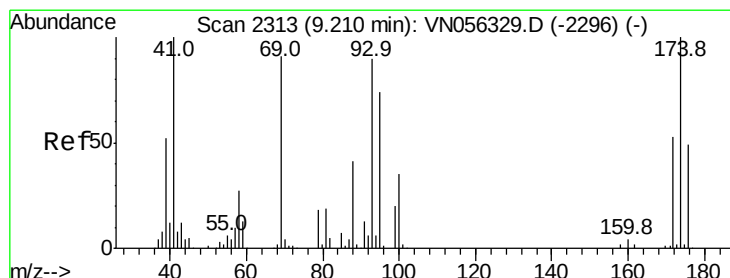
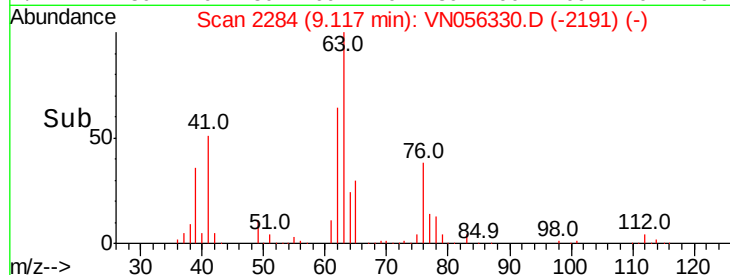
100000

50000

0

Time-->

9.00 9.10 9.20



#46

Dibromomethane

Concen: 82.127 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN056330.D

Acq: 17 Jun 2019 10:25

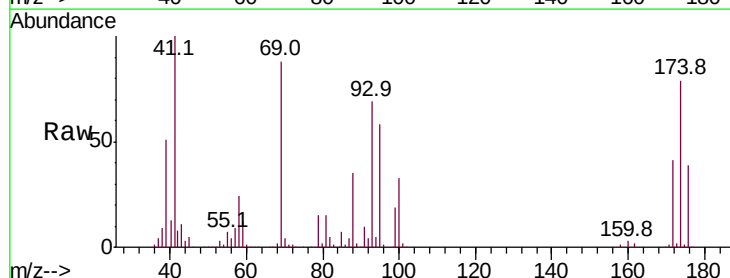
Tgt Ion: 93 Resp: 256396

Ion Ratio Lower Upper

93 100

95 83.4 67.2 100.8

174 113.3 90.3 135.5



Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

200000

150000

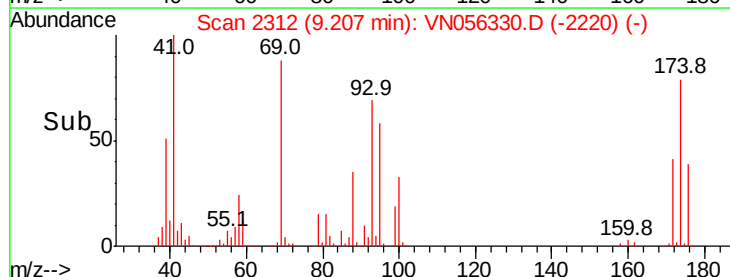
100000

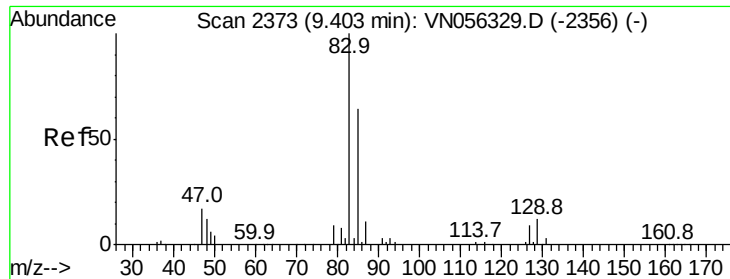
50000

0

Time-->

9.10 9.20 9.30





#47

Bromodichloromethane

Concen: 85.387 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN056330.D

Acq: 17 Jun 2019 10:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

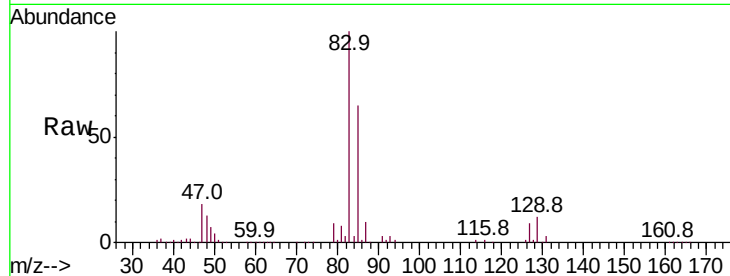
Tot Ion: 83 Resp: 495193

Ion Ratio Lower Upper

83 100

85 64.7 51.1 76.7

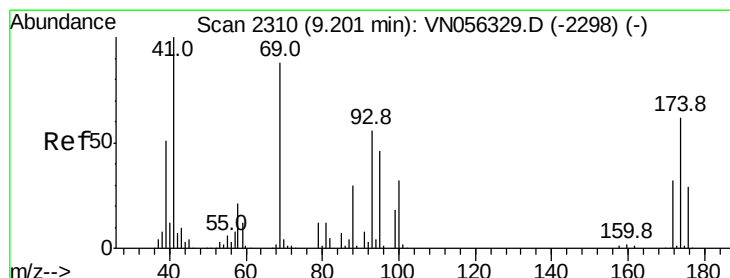
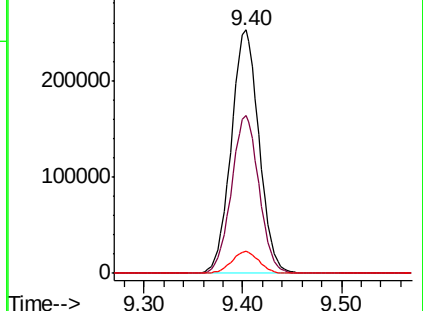
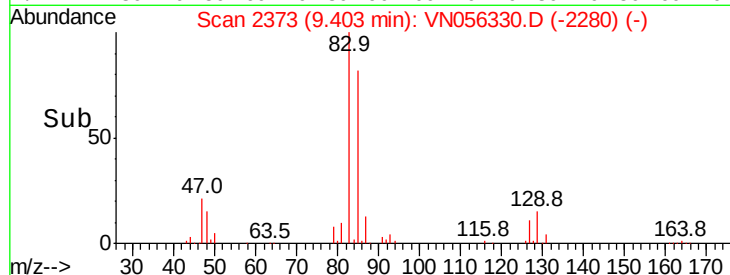
127 8.9 7.1 10.7



Abundance Ion 82.90 (82.60 to 83.60): VN056330.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN056330.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN056330.D (-2280) (-)



#48

Methyl methacrylate

Concen: 87.965 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN056330.D

Acq: 17 Jun 2019 10:25

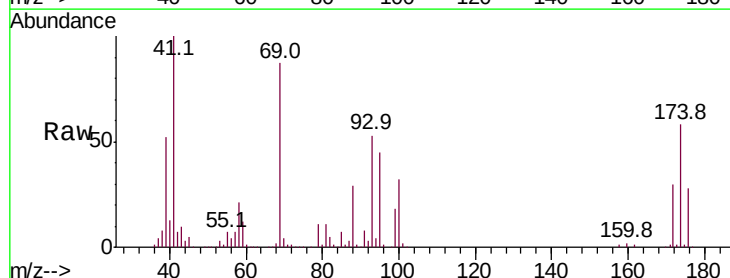
Tgt Ion: 41 Resp: 391108

Ion Ratio Lower Upper

41 100

69 87.6 71.0 106.6

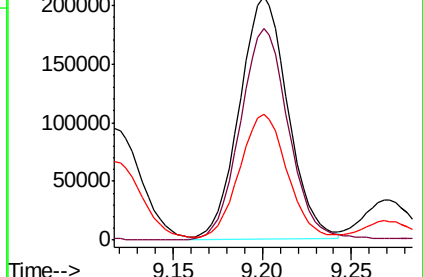
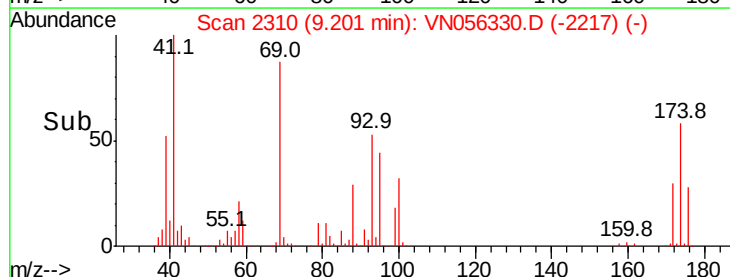
39 51.5 41.7 62.5

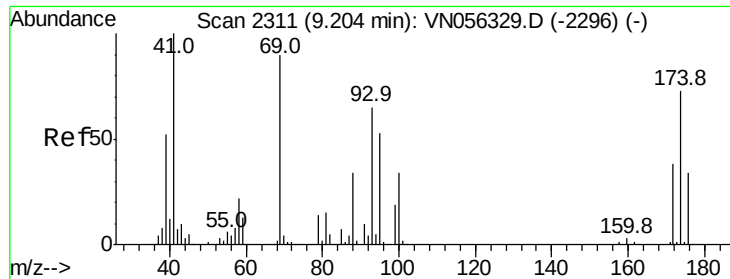


Abundance Ion 41.00 (40.70 to 41.70): VN056330.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN056330.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN056330.D (-2217) (-)





#49

1,4-Dioxane

Concen: 1685.048 ug/l

RT: 9.20 min Scan# 2311

Delta R.T. -0.00 min

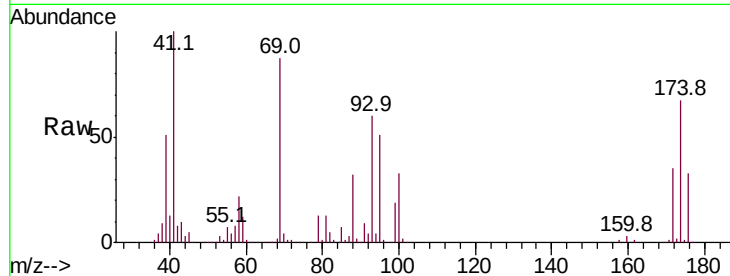
Lab File: VN056330.D

Acq: 17 Jun 2019 10:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion: 88 Resp: 156720

Ion	Ratio	Lower	Upper
88	100		
43	26.2	21.9	32.9
58	65.5	57.3	85.9

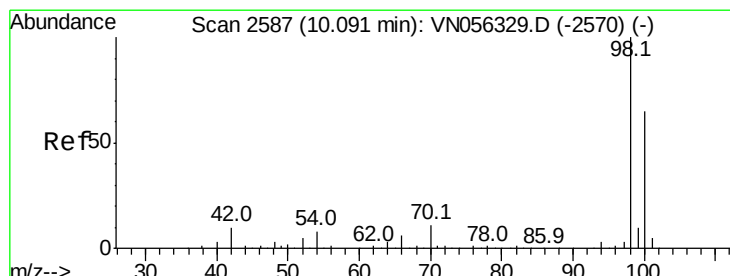
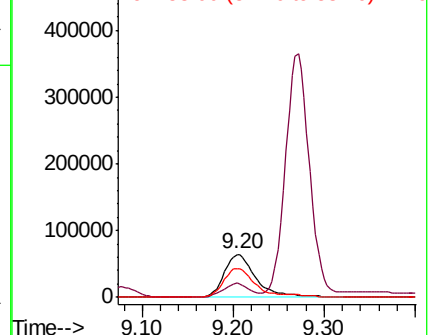
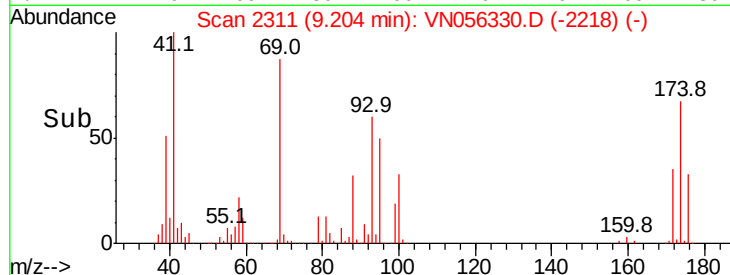


Abundance

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: 78.709 ug/l

RT: 10.09 min Scan# 2587

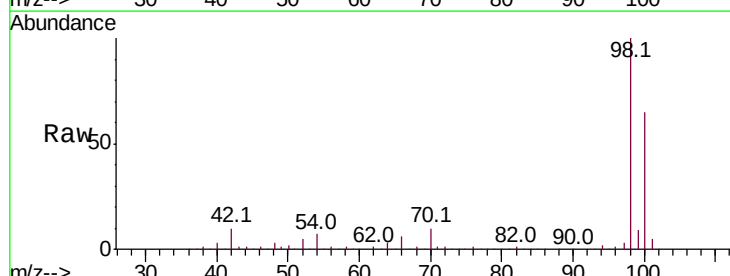
Delta R.T. -0.00 min

Lab File: VN056330.D

Acq: 17 Jun 2019 10:25

Tgt Ion: 98 Resp: 1346383

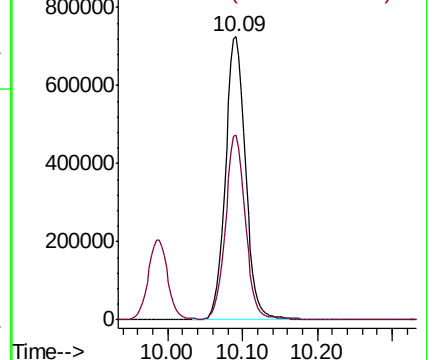
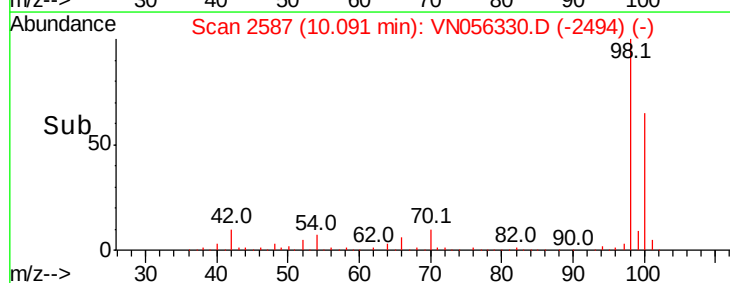
Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.6	77.4

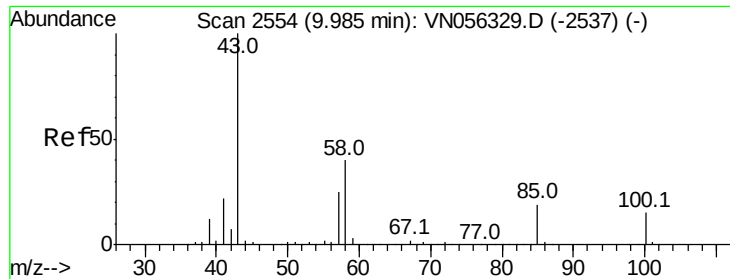


Abundance

Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 433.535 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN056330.D

Acq: 17 Jun 2019 10:25

Instrument :

MSVOA_N

ClientSampleId :

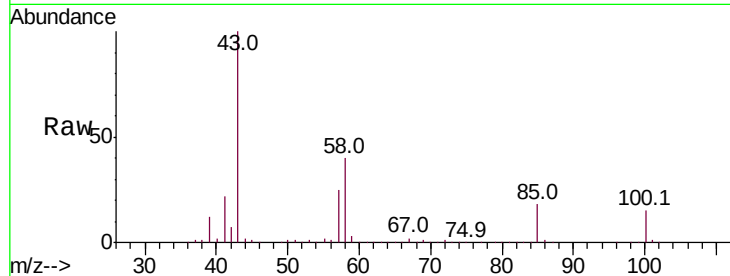
VSTDIC100

Tot Ion: 43 Resp: 2462236

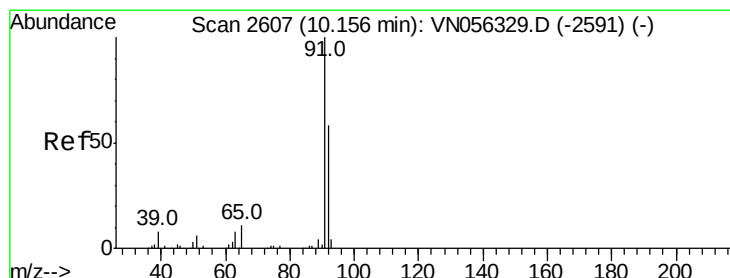
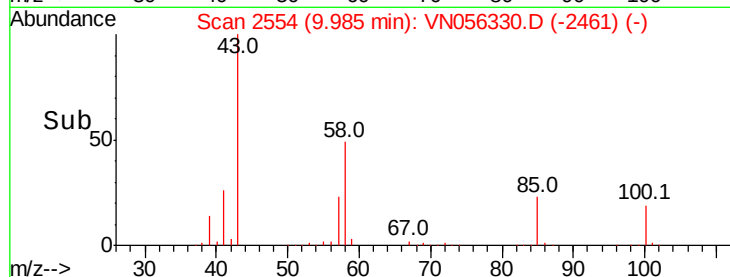
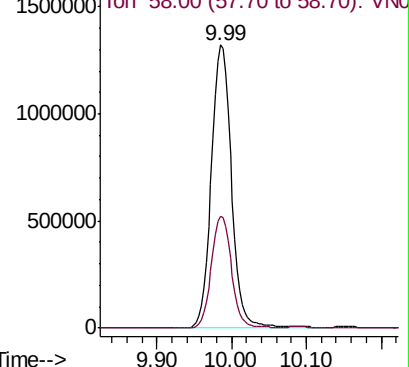
Ion Ratio Lower Upper

43 100

58 39.6 31.8 47.6



Abundance Ion 43.00 (42.70 to 43.70): VN056330.D (-2461) (-)



#52

Toluene

Concen: 81.355 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN056330.D

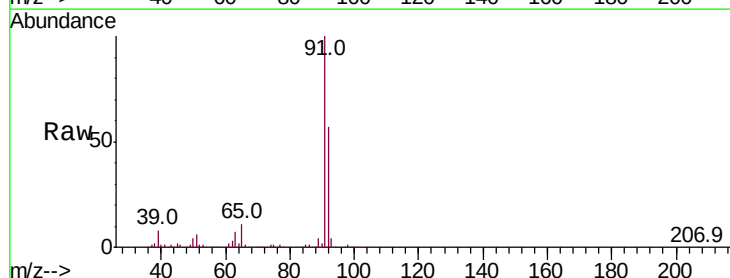
Acq: 17 Jun 2019 10:25

Tgt Ion: 92 Resp: 922257

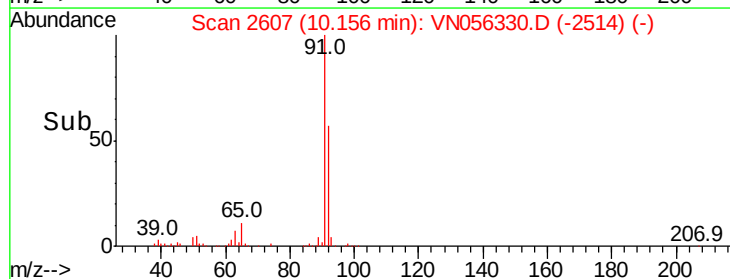
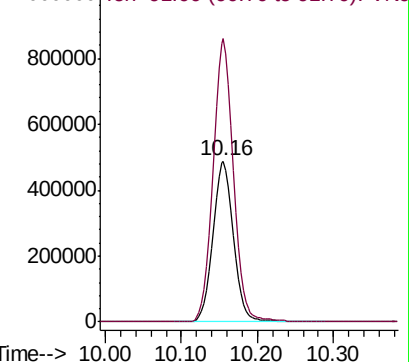
Ion Ratio Lower Upper

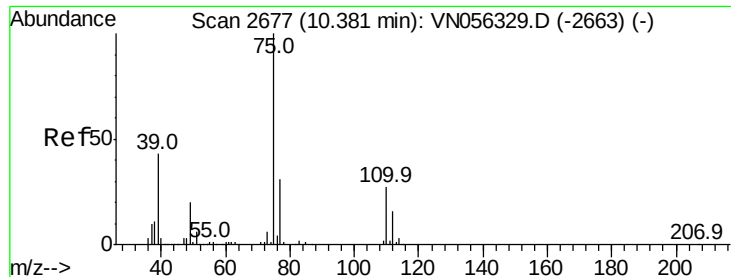
92 100

91 175.1 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VN056330.D (-2514) (-)





#53

t-1,3-Dichloropropene

Concen: 89.665 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN056330.D

Acq: 17 Jun 2019 10:25

Instrument :

MSVOA_N

ClientSampleId :

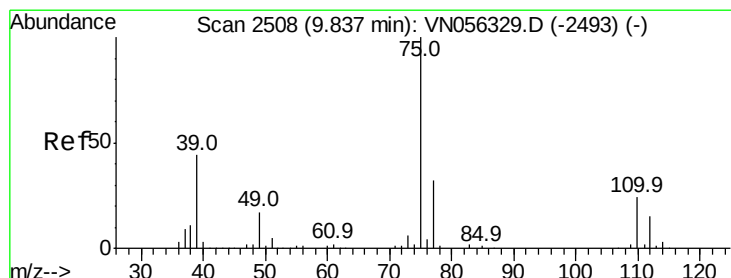
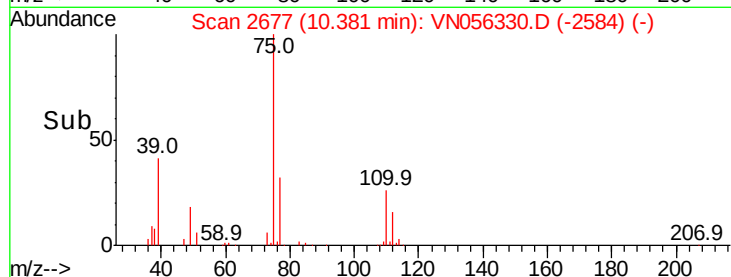
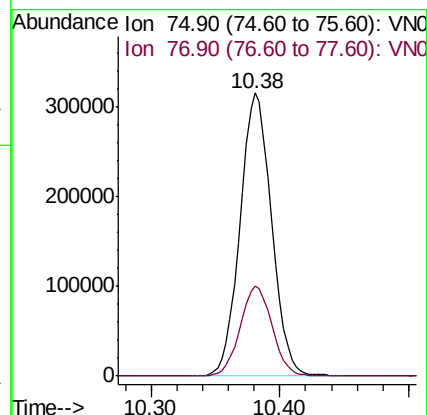
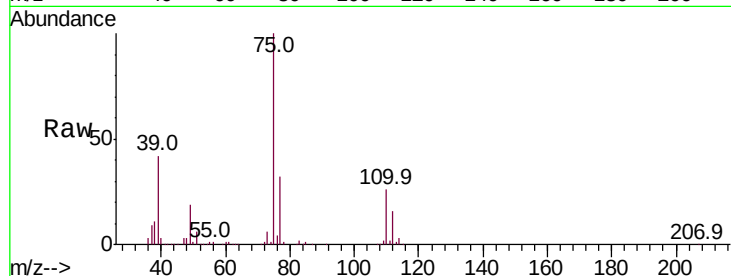
VSTDIC100

Tot Ion: 75 Resp: 535976

Ion Ratio Lower Upper

75 100

77 31.6 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 88.333 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. -0.00 min

Lab File: VN056330.D

Acq: 17 Jun 2019 10:25

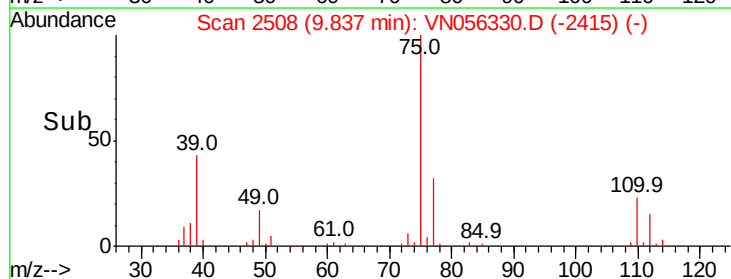
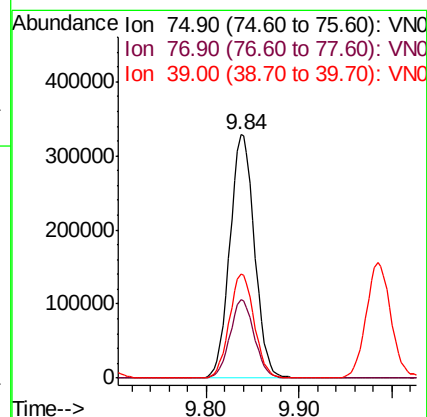
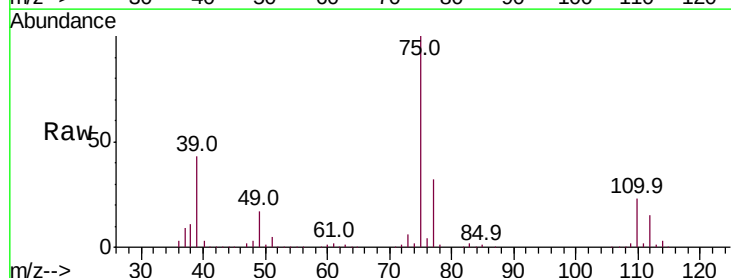
Tgt Ion: 75 Resp: 606546

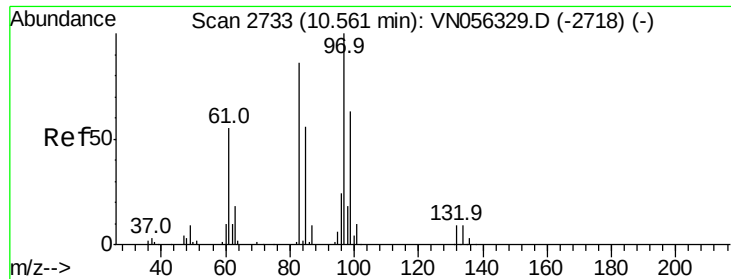
Ion Ratio Lower Upper

75 100

77 32.1 25.7 38.5

39 42.7 35.4 53.0

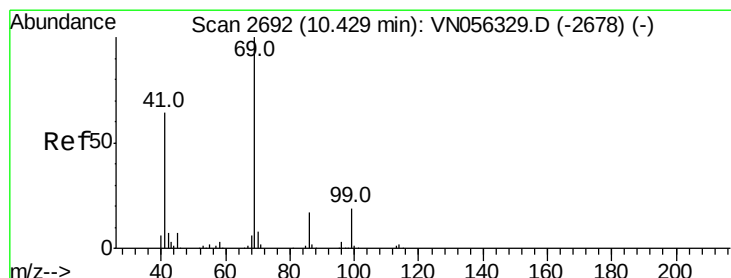
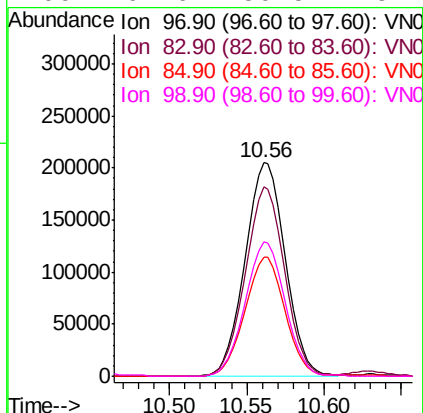
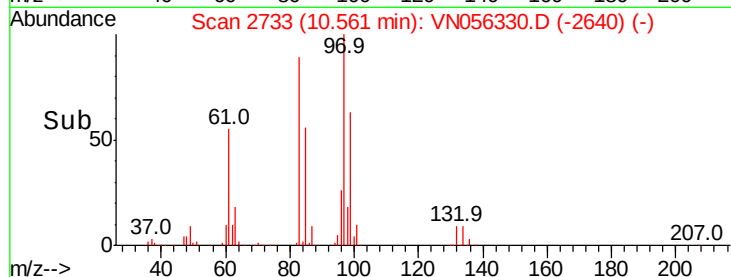
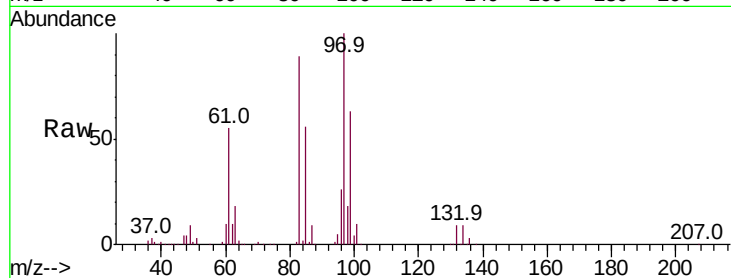




#55
 1,1,2-Trichloroethane
 Concen: 82.448 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. -0.00 min
 Lab File: VN056330.D
 Acq: 17 Jun 2019 10:25

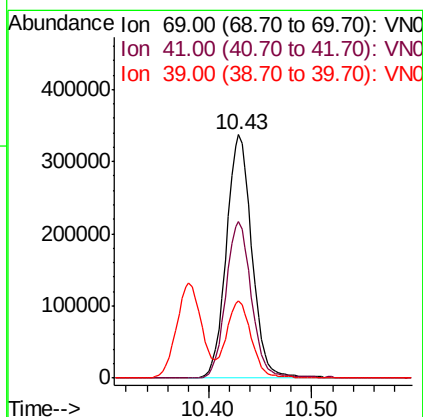
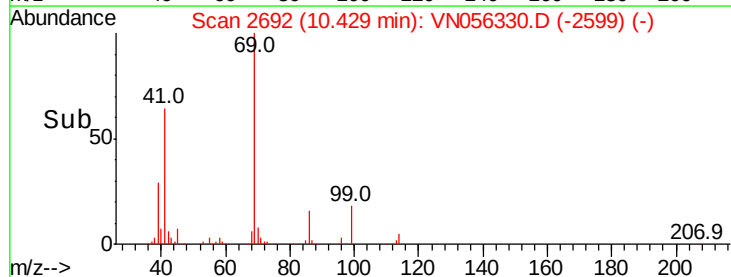
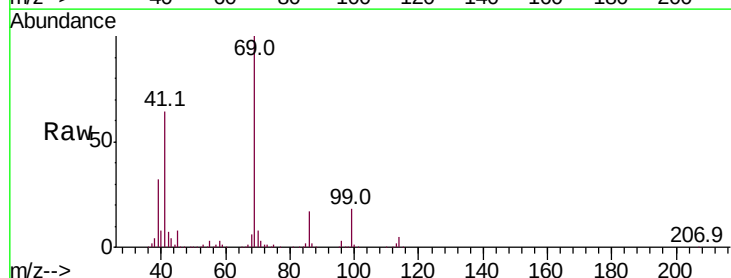
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

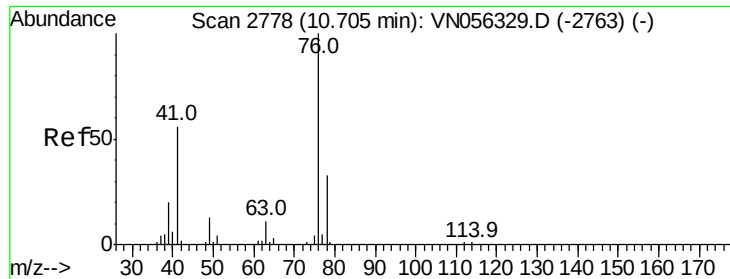
Tot Ion: 97 Resp: 371371
 Ion Ratio Lower Upper
 97 100
 83 88.5 69.0 103.4
 85 56.0 44.6 67.0
 99 62.6 50.5 75.7



#56
 Ethyl methacrylate
 Concen: 86.591 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. -0.00 min
 Lab File: VN056330.D
 Acq: 17 Jun 2019 10:25

Tgt Ion: 69 Resp: 583016
 Ion Ratio Lower Upper
 69 100
 41 63.9 52.0 78.0
 39 30.6 24.4 36.6





#57

1,3-Dichloropropane

Concen: 83.150 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. -0.00 min

Lab File: VN056330.D

Acq: 17 Jun 2019 10:25

Instrument :

MSVOA_N

ClientSampleId :

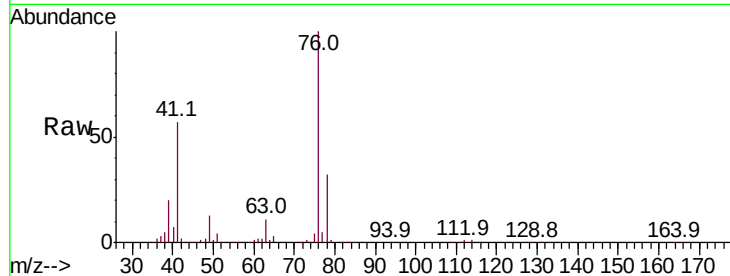
VSTDIC100

Tot Ion: 76 Resp: 620866

Ion Ratio Lower Upper

76 100

78 32.1 26.2 39.2



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.71

400000

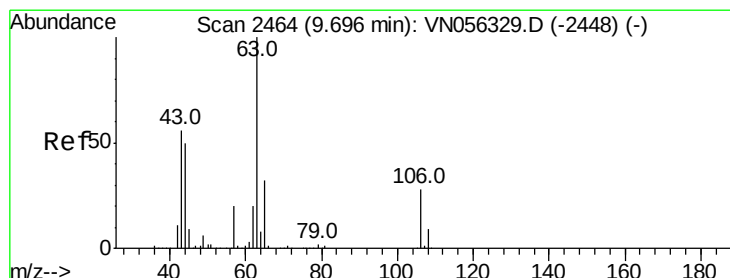
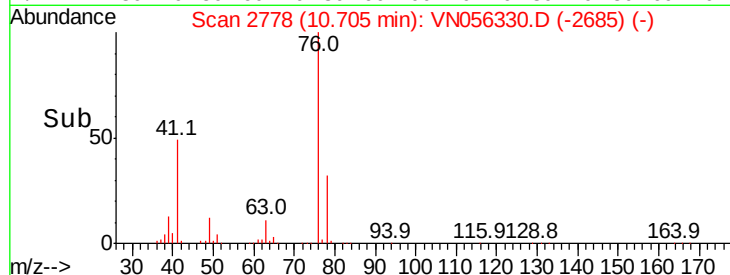
300000

200000

100000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 440.148 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. -0.00 min

Lab File: VN056330.D

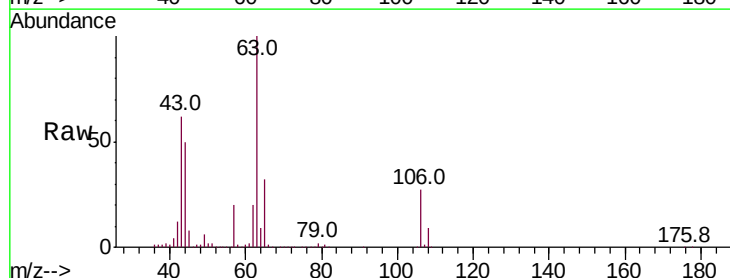
Acq: 17 Jun 2019 10:25

Tgt Ion: 63 Resp: 999540

Ion Ratio Lower Upper

63 100

106 27.1 22.2 33.2



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.70

600000

500000

400000

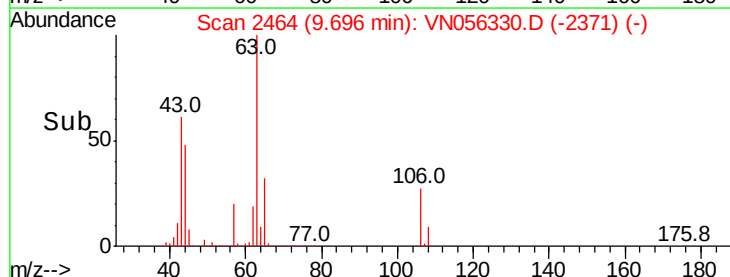
300000

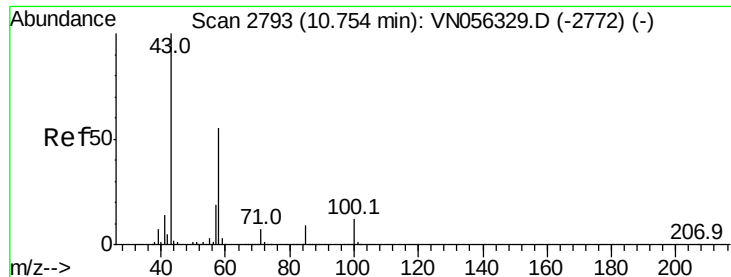
200000

100000

0

Time-->

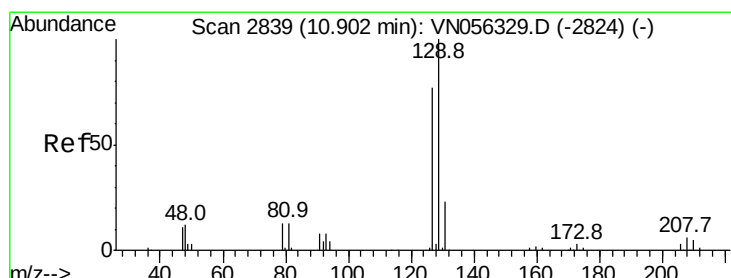
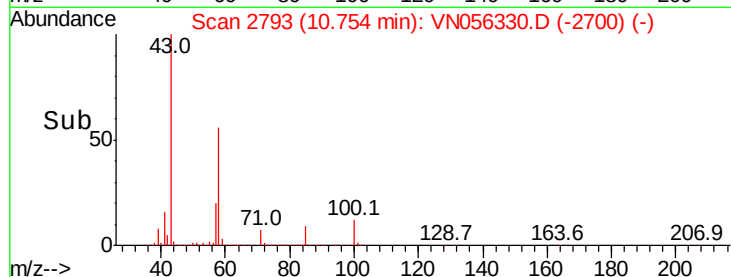
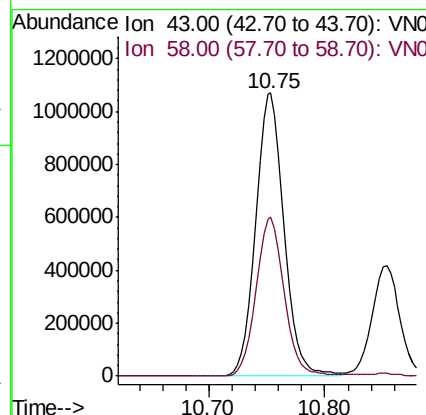
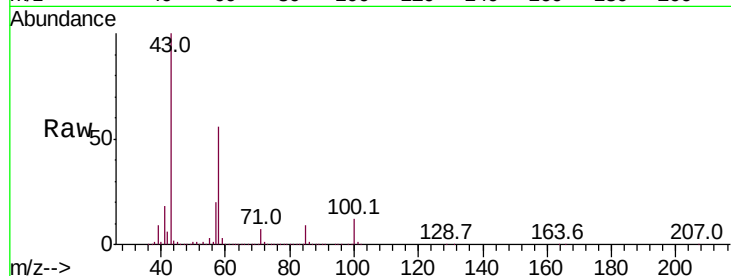




#59
2-Hexanone
Concen: 439.806 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN056330.D
Acq: 17 Jun 2019 10:25

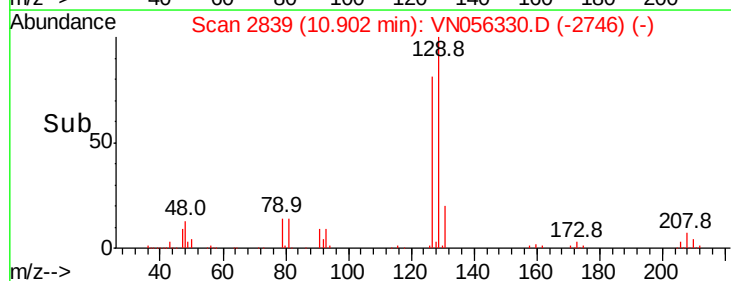
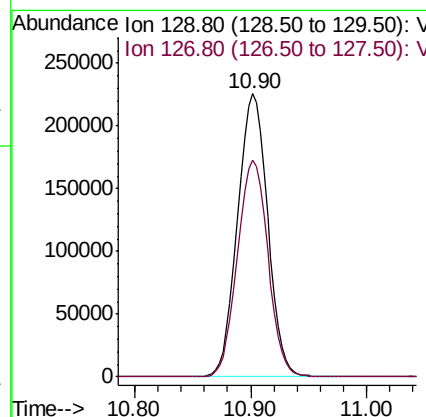
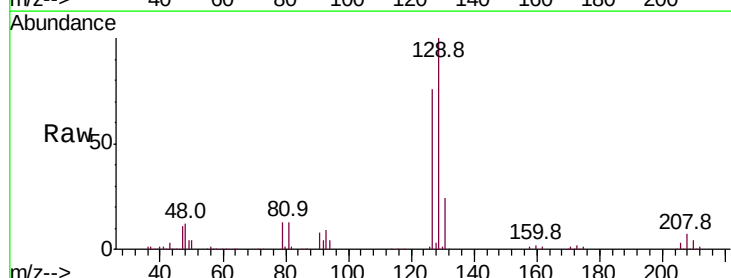
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

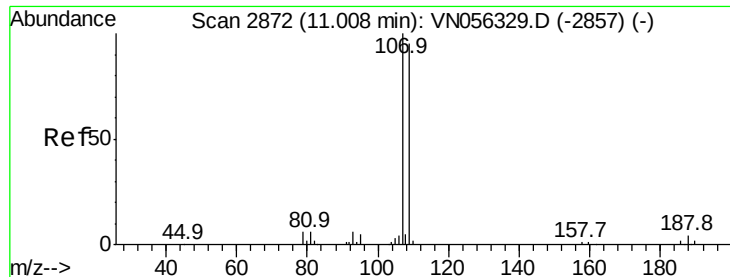
Tot Ion: 43 Resp: 1828316
Ion Ratio Lower Upper
43 100
58 56.2 27.8 83.4



#60
Dibromochloromethane
Concen: 88.625 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN056330.D
Acq: 17 Jun 2019 10:25

Tgt Ion: 129 Resp: 406700
Ion Ratio Lower Upper
129 100
127 77.4 38.6 116.0





#61

1,2-Dibromoethane

Concen: 83.631 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. -0.00 min

Lab File: VN056330.D

Acq: 17 Jun 2019 10:25

Instrument :

MSVOA_N

ClientSampleId :

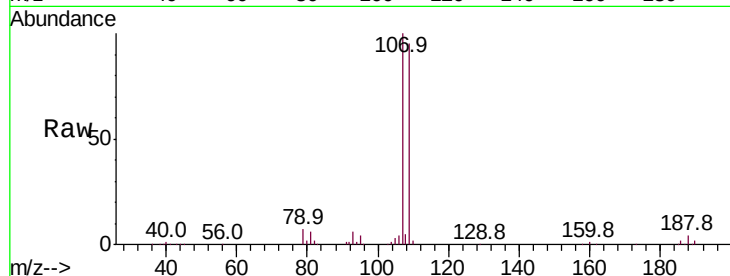
VSTDIC100

Tot Ion:107 Resp: 391464

Ion Ratio Lower Upper

107 100

109 95.1 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.00

250000

200000

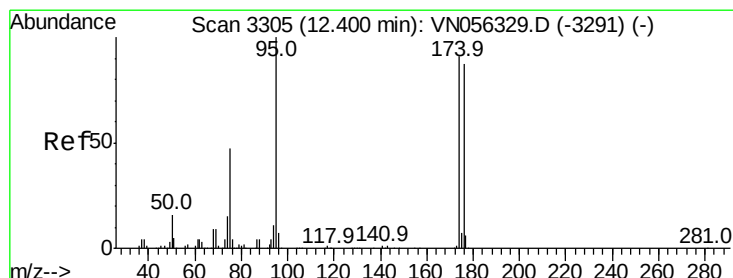
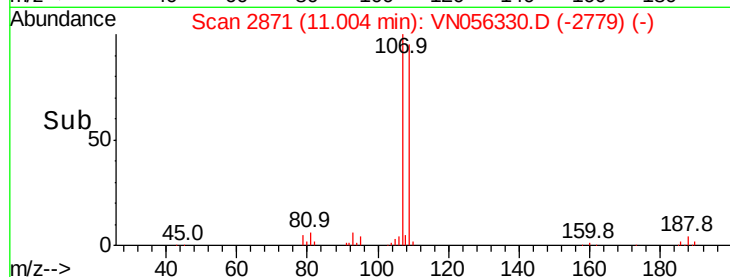
150000

100000

50000

0

Time--> 10.90 11.00 11.10



#62

4-Bromofluorobenzene

Concen: 81.444 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056330.D

Acq: 17 Jun 2019 10:25

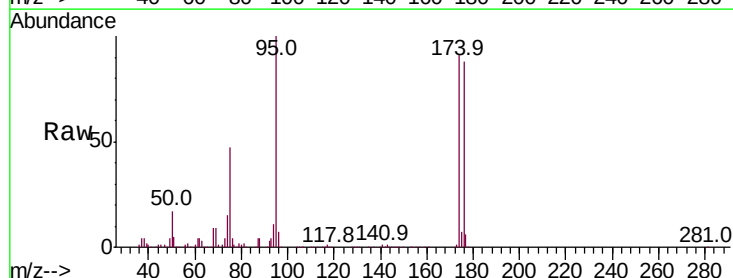
Tgt Ion: 95 Resp: 475994

Ion Ratio Lower Upper

95 100

174 91.2 0.0 182.6

176 88.3 0.0 176.8



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.40

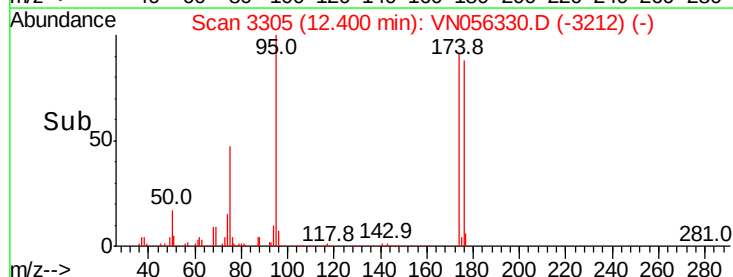
300000

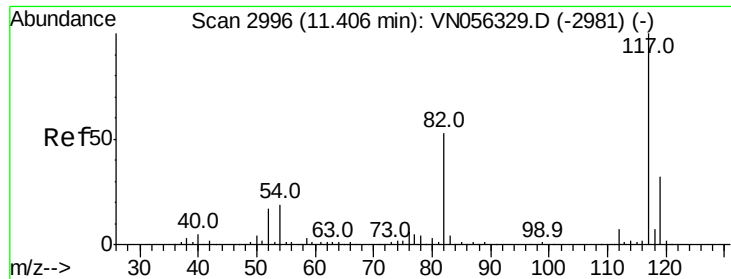
200000

100000

0

Time--> 12.30 12.40 12.50

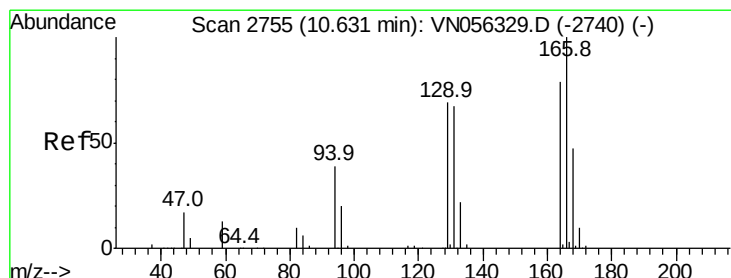
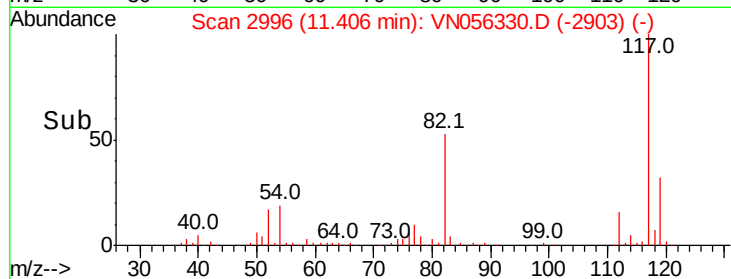
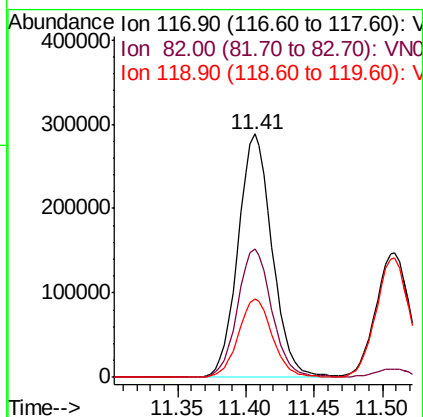
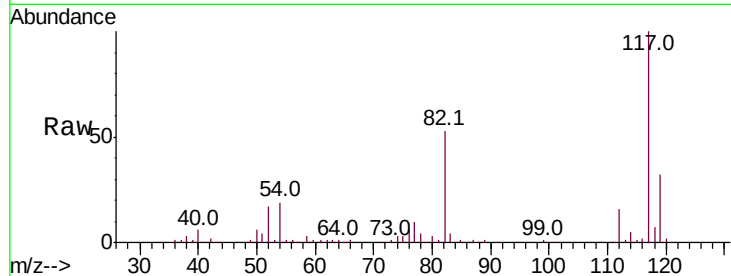




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056330.D
Acq: 17 Jun 2019 10:25

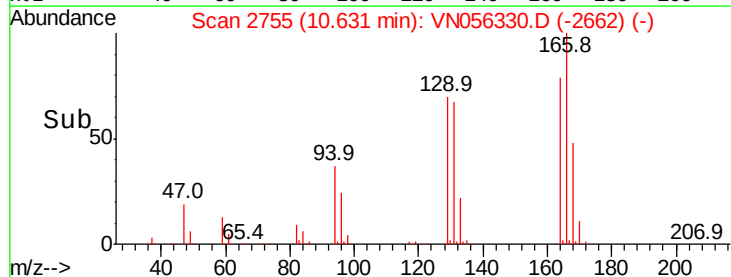
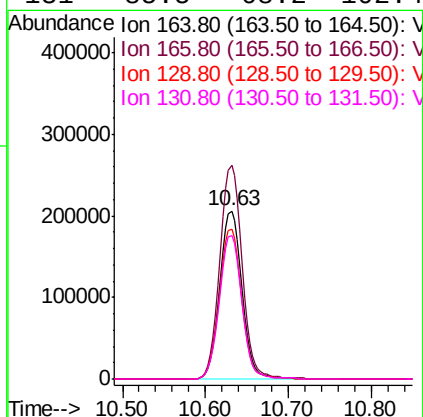
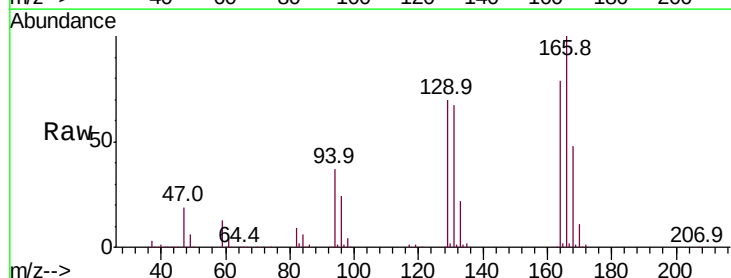
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

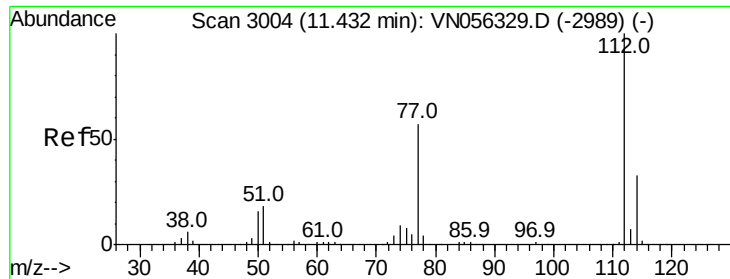
Tot Ion:117 Resp: 501175
Ion Ratio Lower Upper
117 100
82 52.7 42.4 63.6
119 32.4 26.0 39.0



#64
Tetrachloroethene
Concen: 72.290 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN056330.D
Acq: 17 Jun 2019 10:25

Tgt Ion:164 Resp: 381243
Ion Ratio Lower Upper
164 100
166 127.2 101.8 152.6
129 89.0 70.3 105.5
131 85.5 68.2 102.4

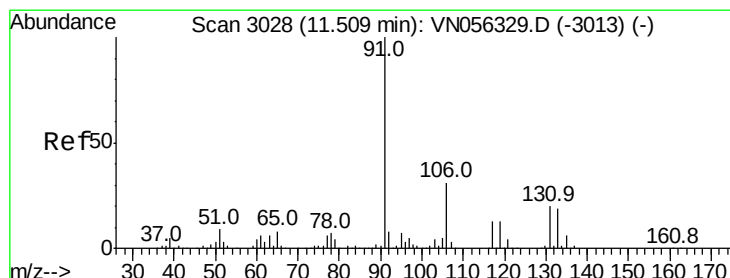
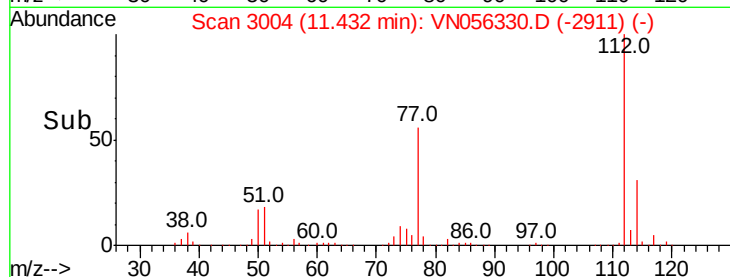
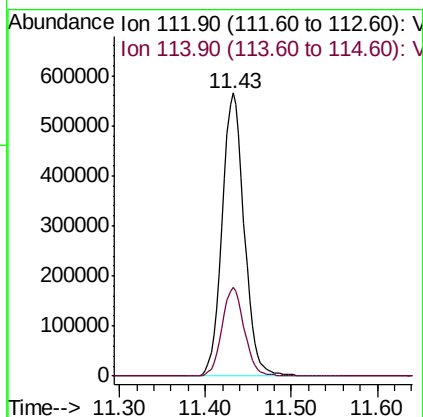
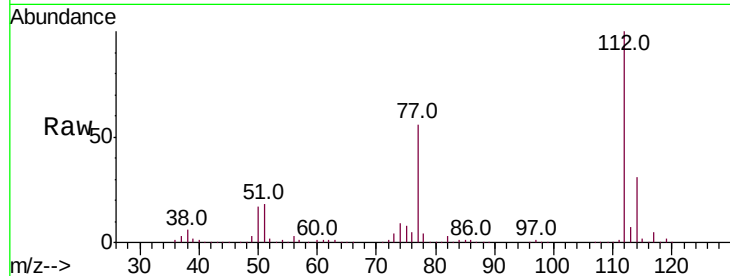




#65
Chlorobenzene
Concen: 80.040 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN056330.D
Acq: 17 Jun 2019 10:25

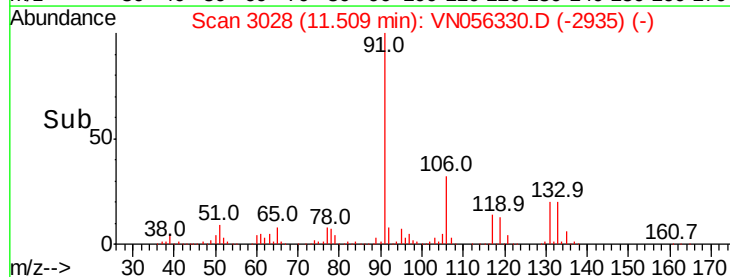
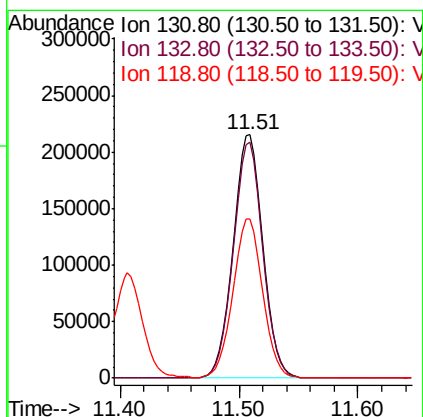
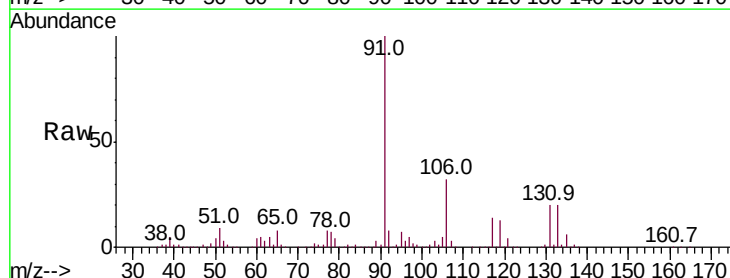
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

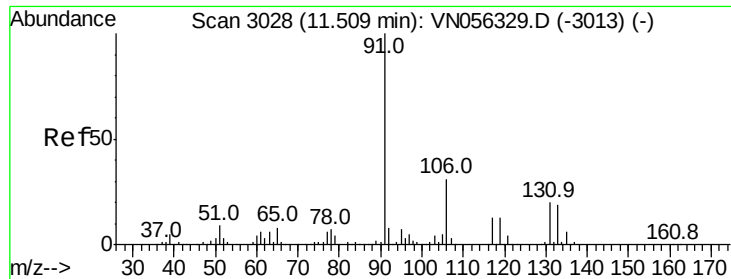
Tot Ion:112 Resp: 1009479
Ion Ratio Lower Upper
112 100
114 31.3 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 83.736 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN056330.D
Acq: 17 Jun 2019 10:25

Tgt Ion:131 Resp: 372157
Ion Ratio Lower Upper
131 100
133 96.4 47.9 143.7
119 65.5 33.5 100.5

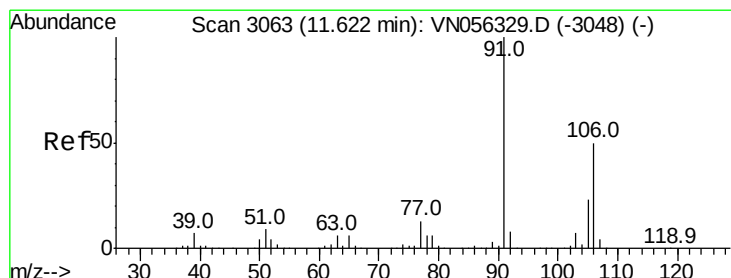
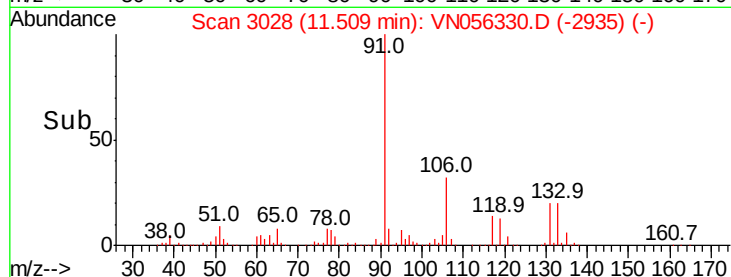
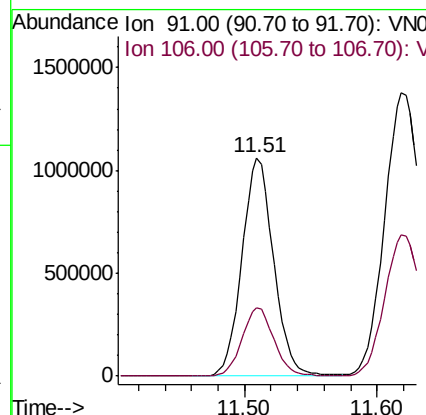
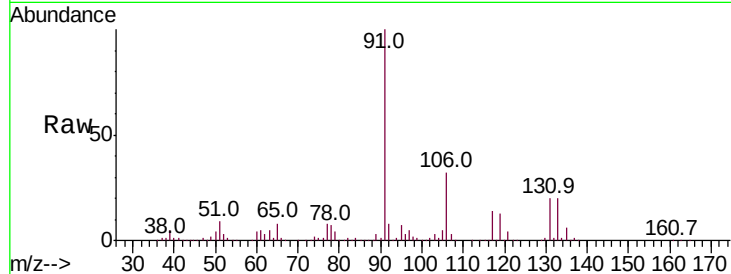




#67
Ethyl Benzene
Concen: 80.057 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN056330.D
Acq: 17 Jun 2019 10:25

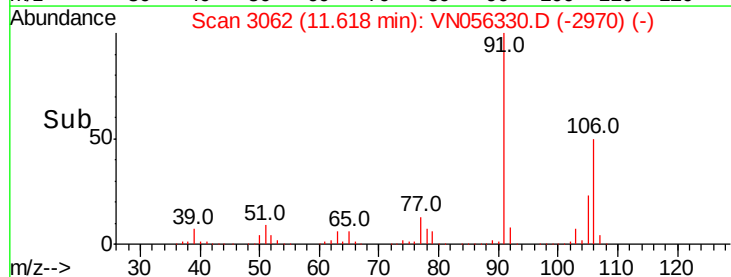
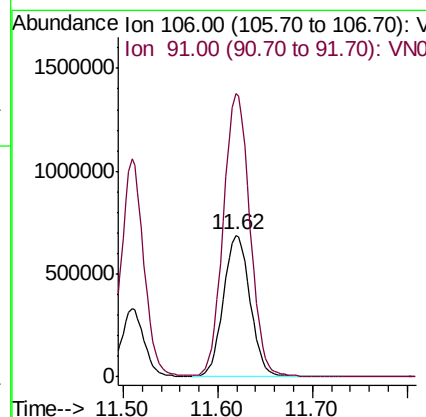
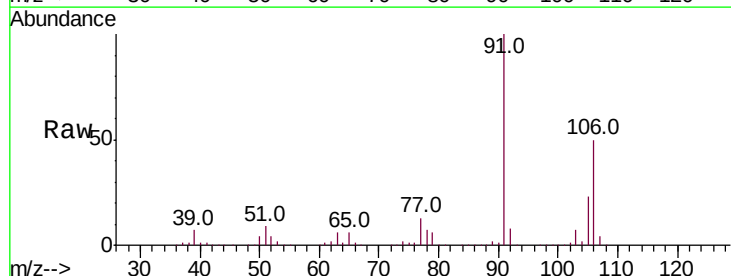
Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

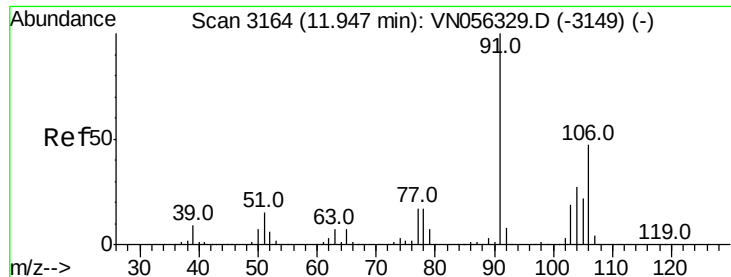
Tot Ion: 91 Resp: 1762888
Ion Ratio Lower Upper
91 100
106 31.5 25.0 37.6



#68
m/p-Xylenes
Concen: 161.364 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN056330.D
Acq: 17 Jun 2019 10:25

Tgt Ion: 106 Resp: 1353579
Ion Ratio Lower Upper
106 100
91 200.1 160.7 241.1

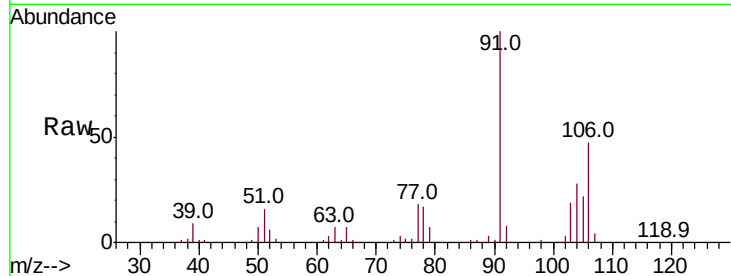




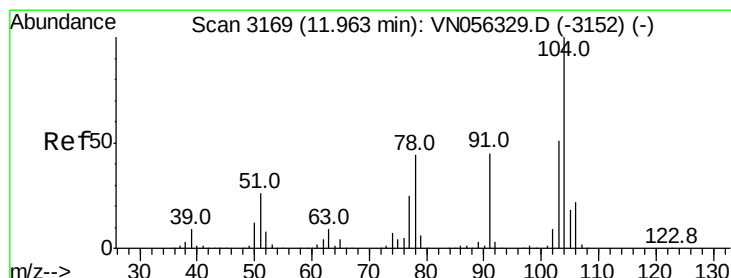
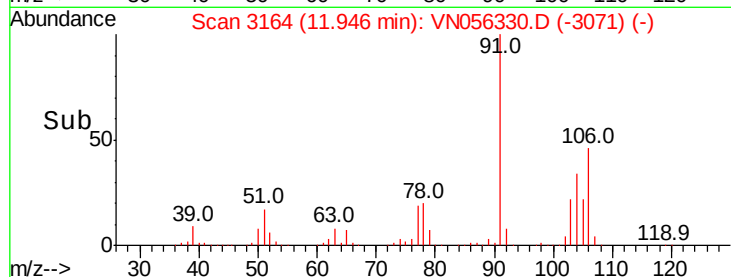
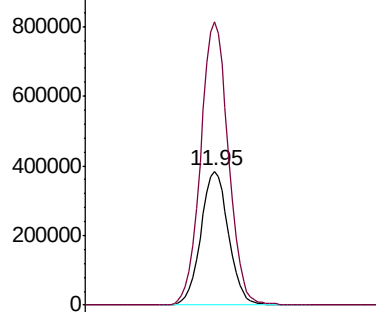
#69
o-Xylene
Concen: 79.578 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN056330.D
Acq: 17 Jun 2019 10:25

Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

Tot Ion:106 Resp: 654482
Ion Ratio Lower Upper
106 100
91 211.4 105.6 316.7

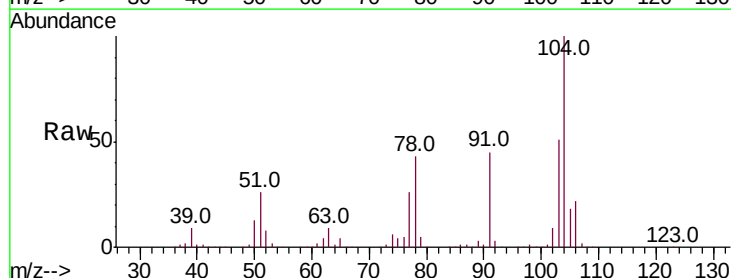


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

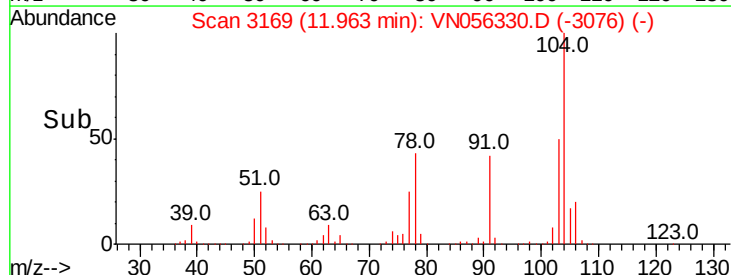
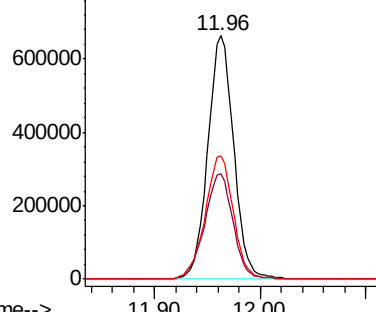


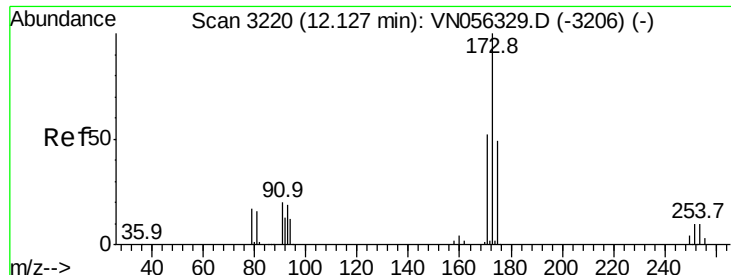
#70
Styrene
Concen: 84.485 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN056330.D
Acq: 17 Jun 2019 10:25

Tgt Ion:104 Resp: 1129347
Ion Ratio Lower Upper
104 100
78 47.6 38.4 57.6
103 55.1 44.0 66.0



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





#71

Bromoform

Concen: 90.626 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. -0.00 min

Lab File: VN056330.D

Acq: 17 Jun 2019 10:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

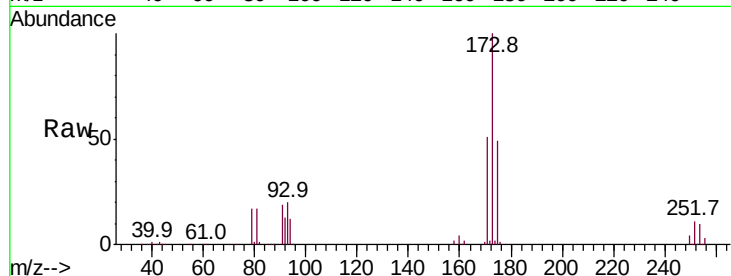
Tot Ion:173 Resp: 311735

Ion Ratio Lower Upper

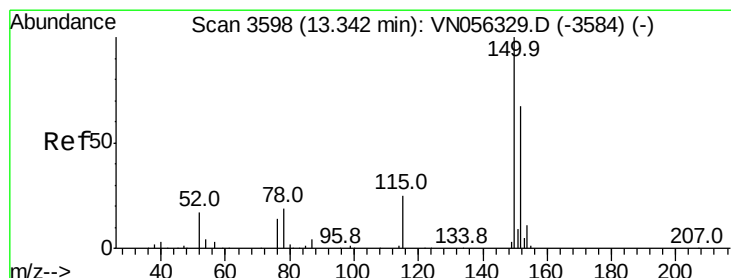
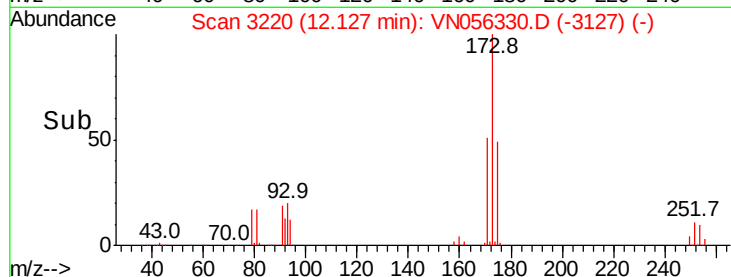
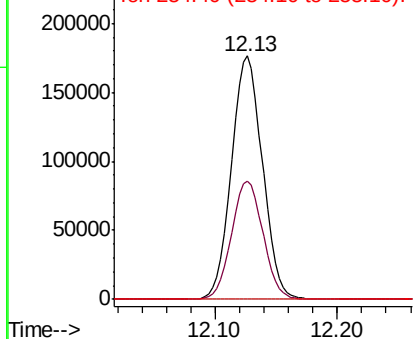
173 100

175 49.2 24.3 73.0

254 0.1 0.0 0.0#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN056330.D

Acq: 17 Jun 2019 10:25

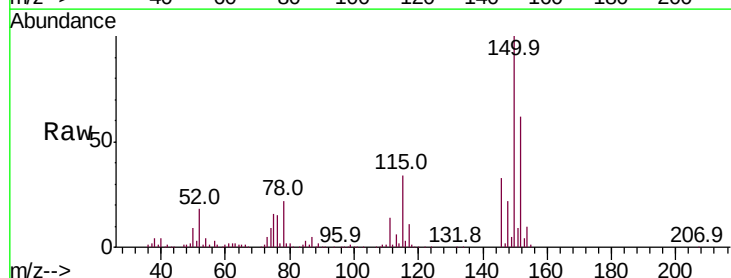
Tgt Ion:152 Resp: 239077

Ion Ratio Lower Upper

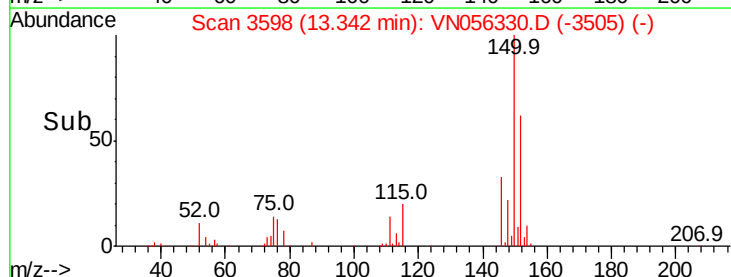
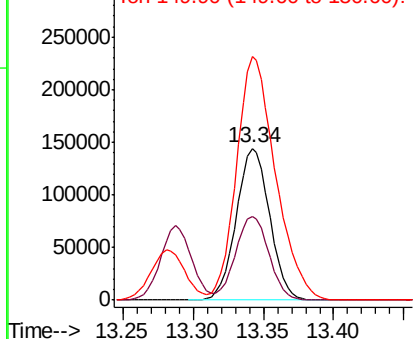
152 100

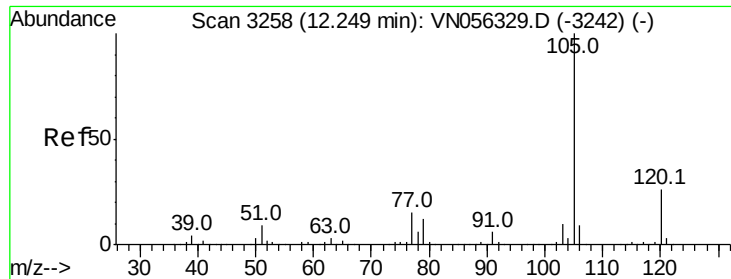
115 55.6 27.8 83.3

150 187.2 0.0 345.8



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





#73

Isopropylbenzene

Concen: 70.705 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN056330.D

Acq: 17 Jun 2019 10:25

Instrument :

MSVOA_N

ClientSampleId :

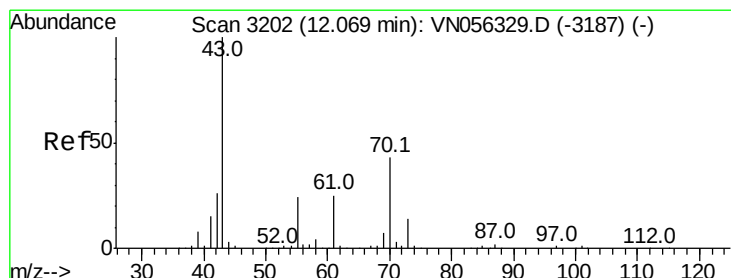
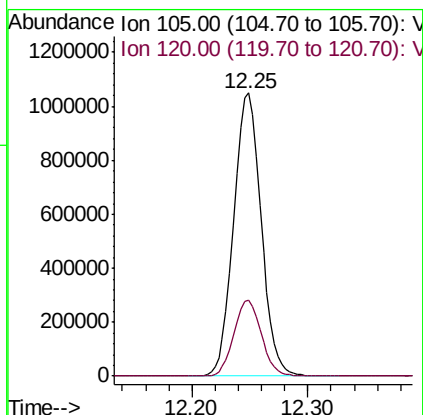
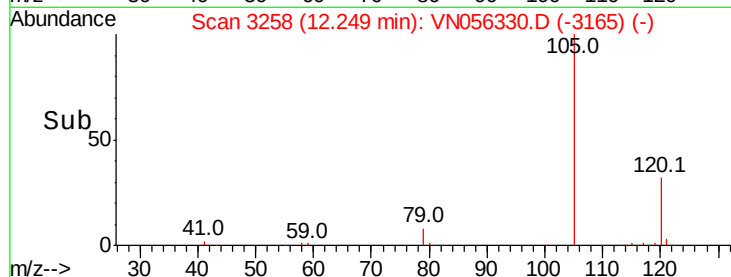
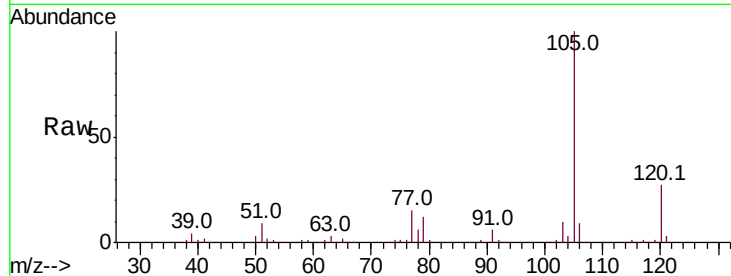
VSTDIC100

Tot Ion:105 Resp: 1715763

Ion Ratio Lower Upper

105 100

120 26.8 13.3 39.8



#74

N-ethyl acetate

Concen: 78.769 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN056330.D

Acq: 17 Jun 2019 10:25

Tgt Ion: 43 Resp: 661186

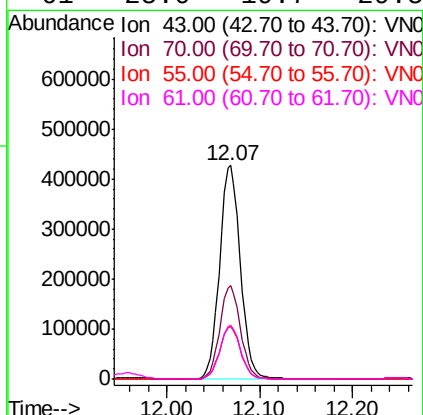
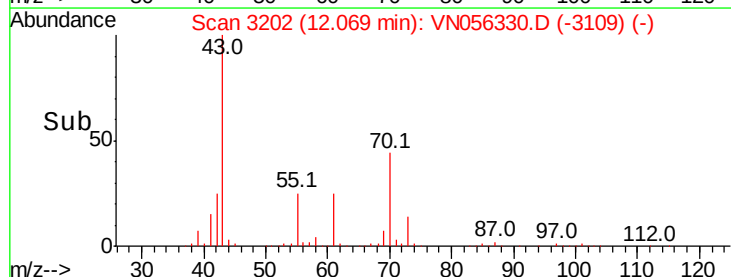
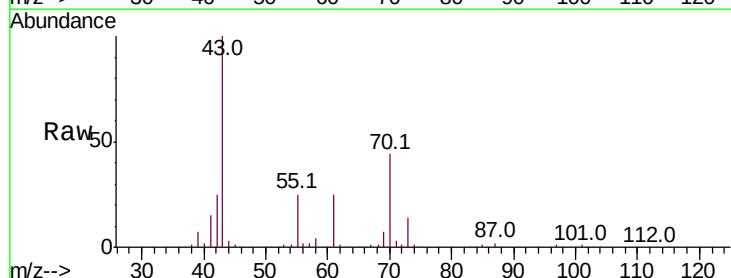
Ion Ratio Lower Upper

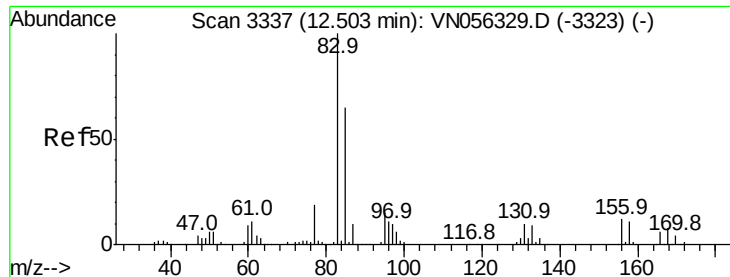
43 100

70 43.7 34.2 51.2

55 24.9 19.9 29.9

61 25.0 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 74.379 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN056330.D

Acq: 17 Jun 2019 10:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

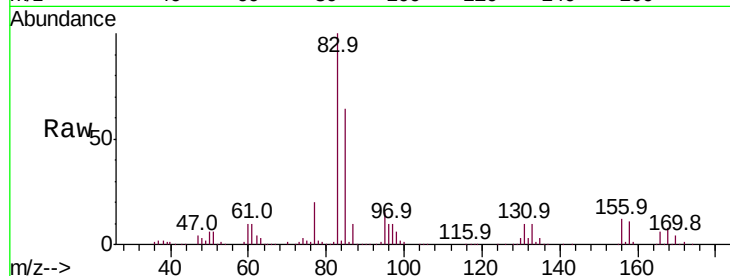
Tot Ion: 83 Resp: 535201

Ion Ratio Lower Upper

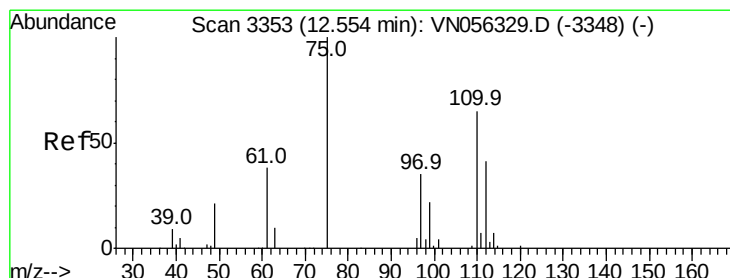
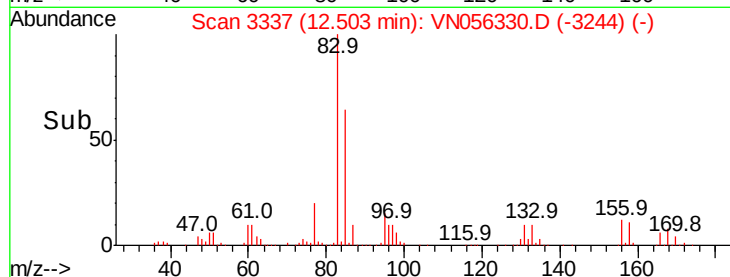
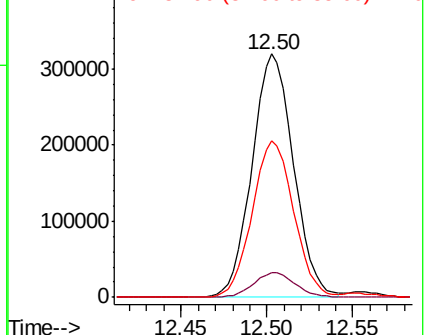
83 100

131 10.4 5.3 15.8

85 64.3 32.2 96.6



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



#76

1,2,3-Trichloropropane

Concen: 75.689 ug/l m

RT: 12.55 min Scan# 3353

Delta R.T. -0.00 min

Lab File: VN056330.D

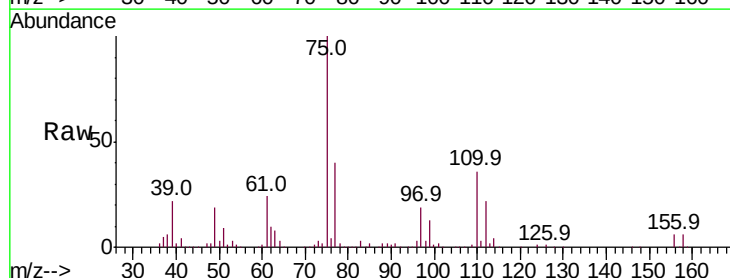
Acq: 17 Jun 2019 10:25

Tgt Ion: 75 Resp: 436611

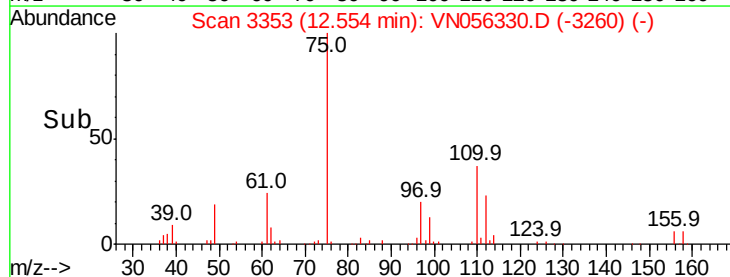
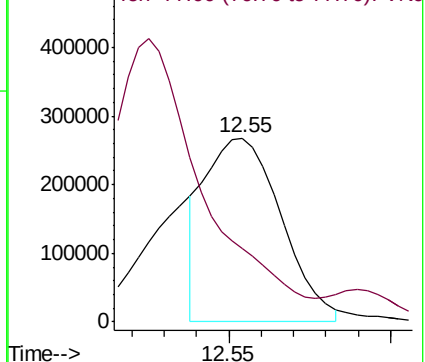
Ion Ratio Lower Upper

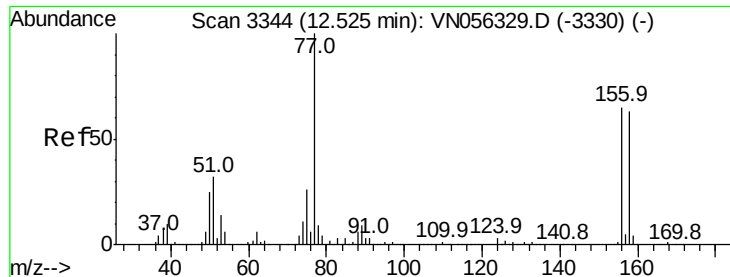
75 100

77 0.0 0.0 0.0



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





#77

Bromobenzene

Concen: 72.579 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN056330.D

Acq: 17 Jun 2019 10:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

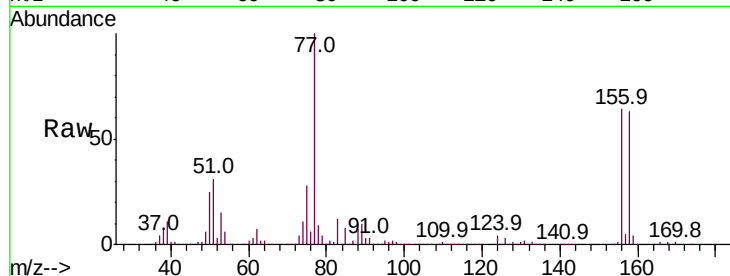
Tot Ion:156 Resp: 464746

Ion Ratio Lower Upper

156 100

77 185.8 92.9 278.7

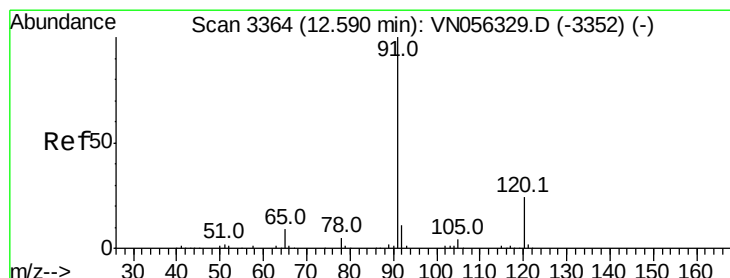
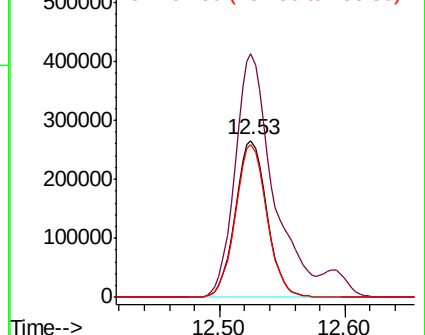
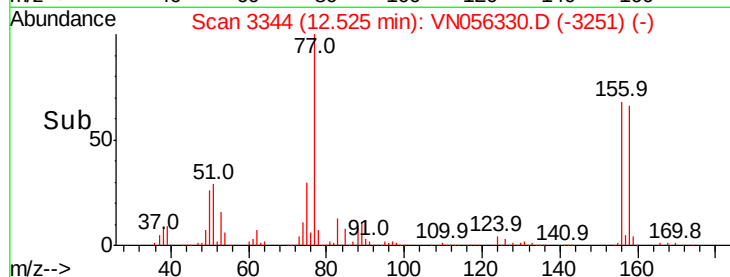
158 97.1 49.0 147.2



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: 74.752 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN056330.D

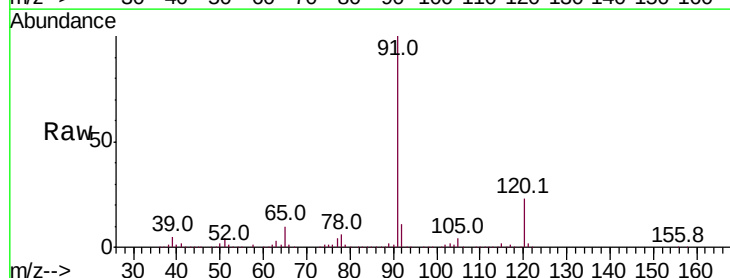
Acq: 17 Jun 2019 10:25

Tgt Ion: 91 Resp: 1937749

Ion Ratio Lower Upper

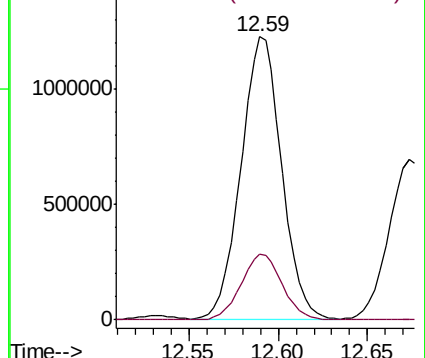
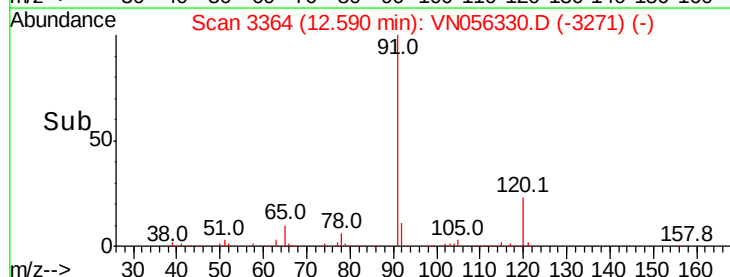
91 100

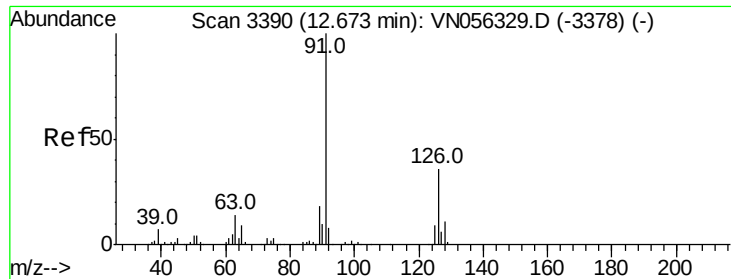
120 23.7 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 71.595 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN056330.D

Acq: 17 Jun 2019 10:25

Instrument :

MSVOA_N

ClientSampleId :

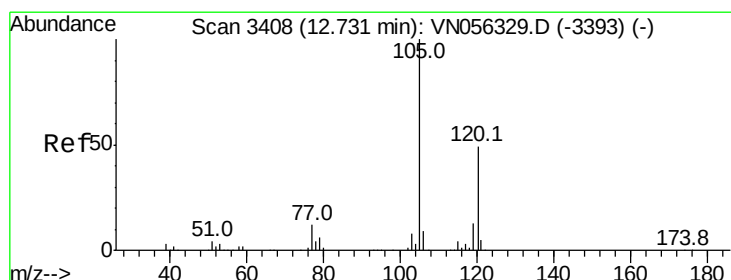
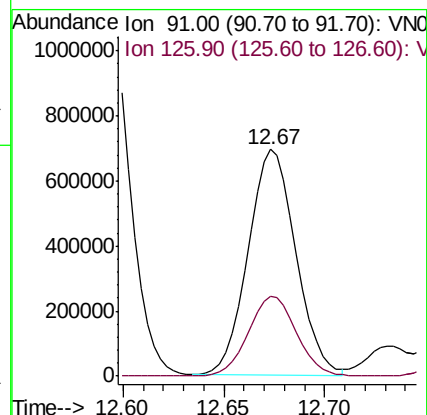
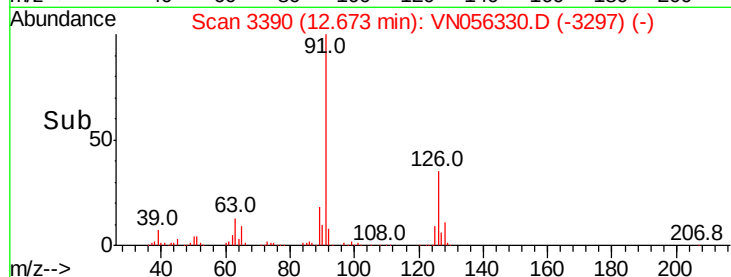
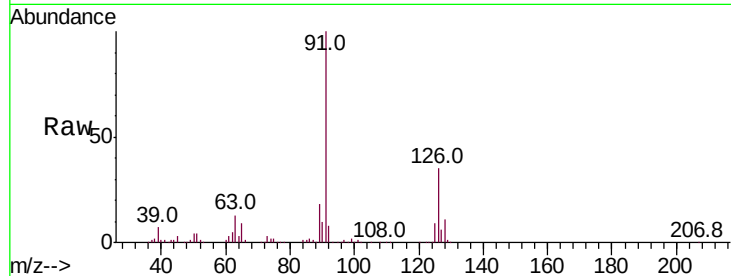
VSTDIC100

Tot Ion: 91 Resp: 1148233

Ion Ratio Lower Upper

91 100

126 35.7 18.0 54.0



#80

1,3,5-Trimethylbenzene

Concen: 71.723 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN056330.D

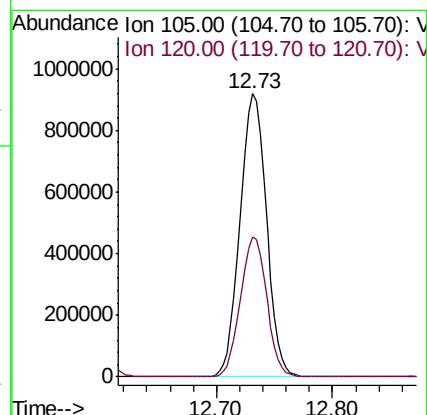
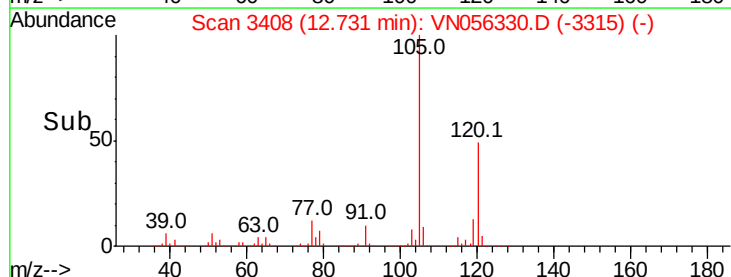
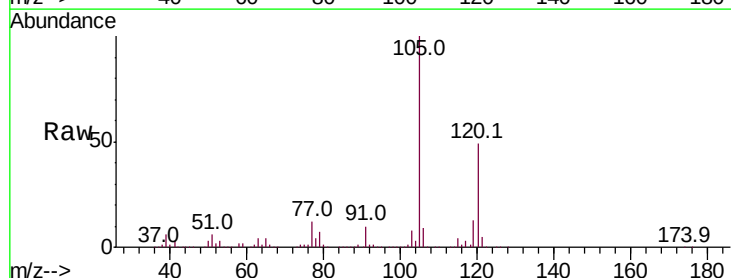
Acq: 17 Jun 2019 10:25

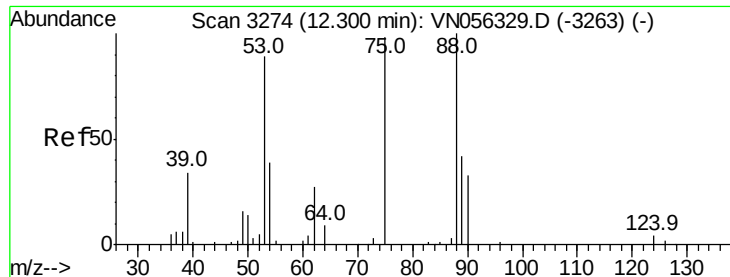
Tgt Ion: 105 Resp: 1448934

Ion Ratio Lower Upper

105 100

120 49.5 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 80.438 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN056330.D

Acq: 17 Jun 2019 10:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

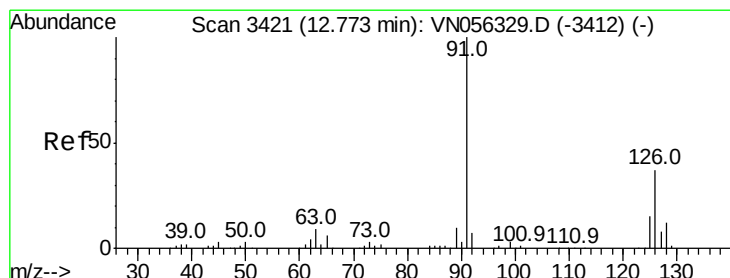
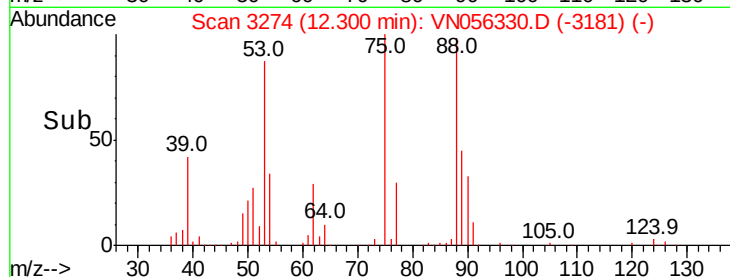
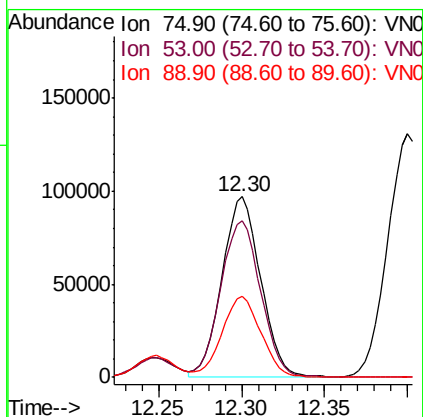
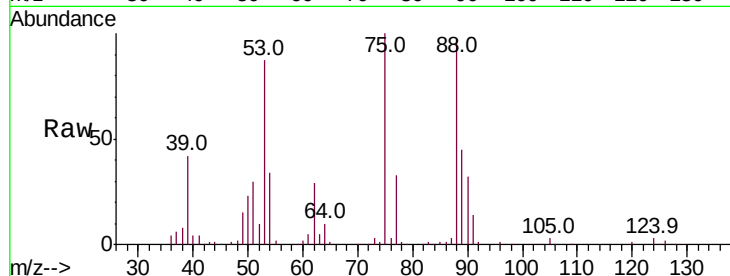
Tot Ion: 75 Resp: 156262

Ion Ratio Lower Upper

75 100

53 90.9 73.5 110.3

89 45.3 35.4 53.2



#82

4-Chlorotoluene

Concen: 76.781 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN056330.D

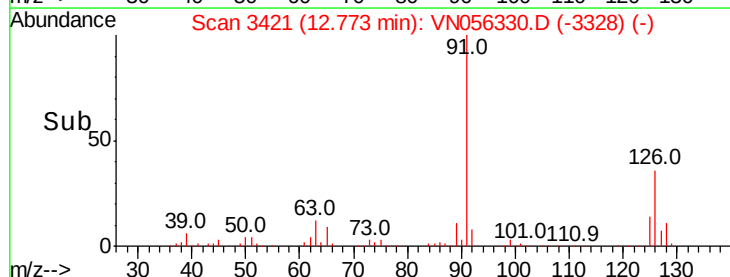
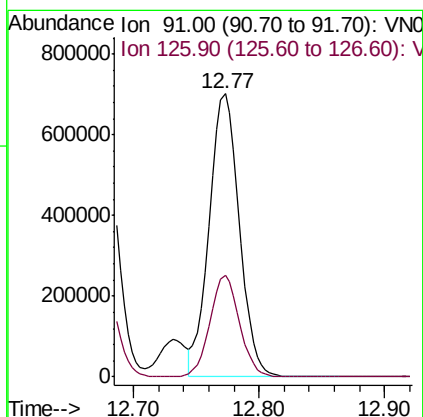
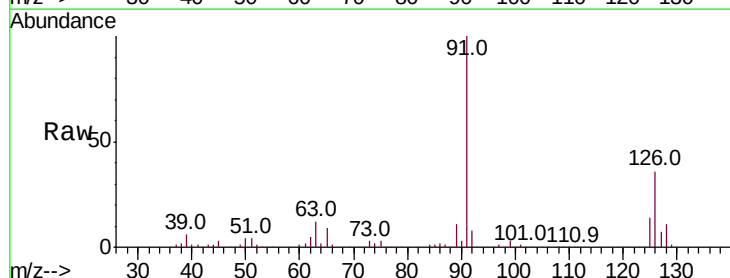
Acq: 17 Jun 2019 10:25

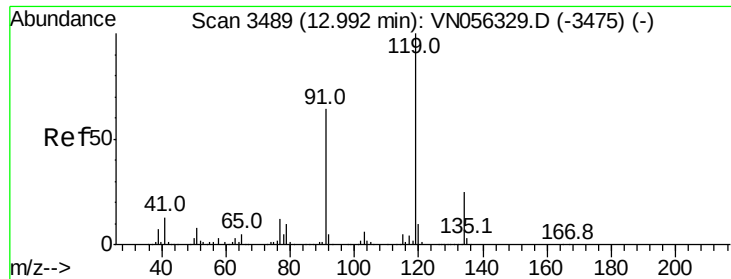
Tgt Ion: 91 Resp: 1167254

Ion Ratio Lower Upper

91 100

126 35.1 17.6 52.8

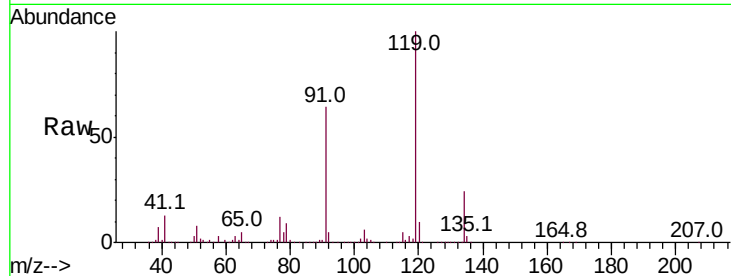




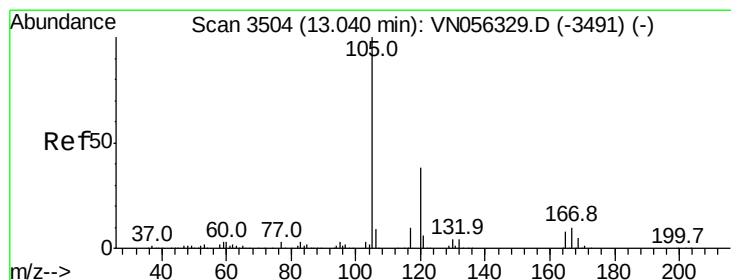
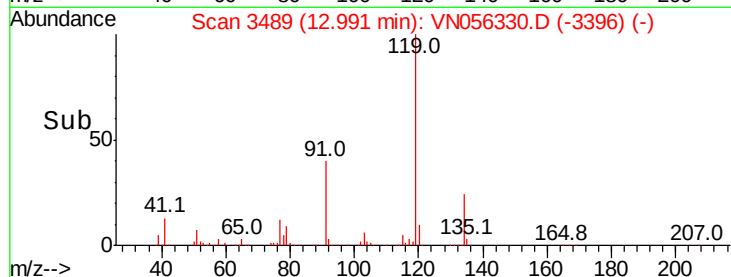
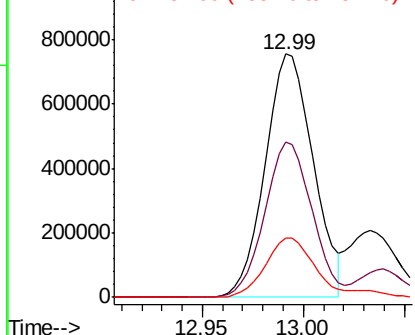
#83
 tert-Butylbenzene
 Concen: 70.685 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. -0.00 min
 Lab File: VN056330.D
 Acq: 17 Jun 2019 10:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion:119 Resp: 1251056
 Ion Ratio Lower Upper
 119 100
 91 62.7 31.5 94.5
 134 24.8 13.6 40.7

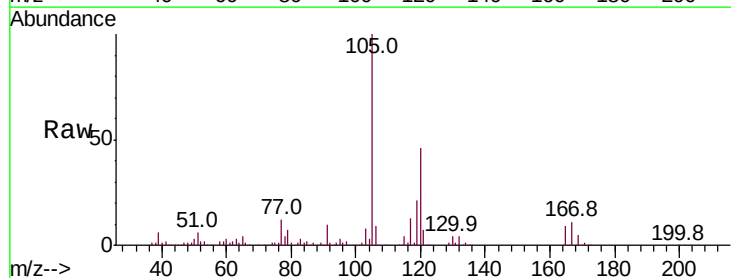


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

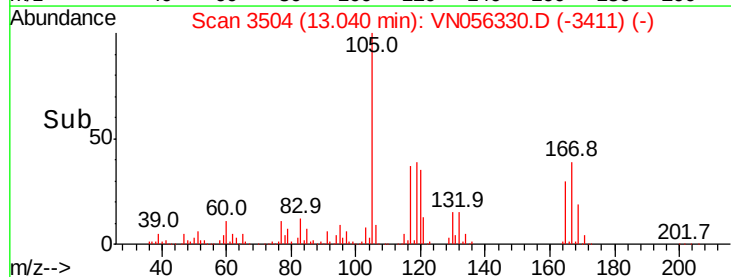
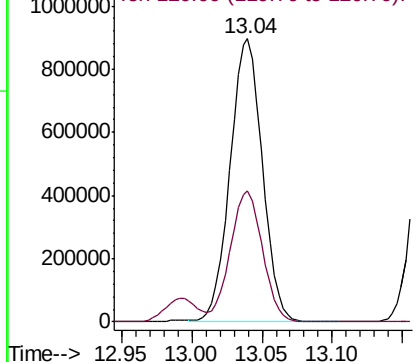


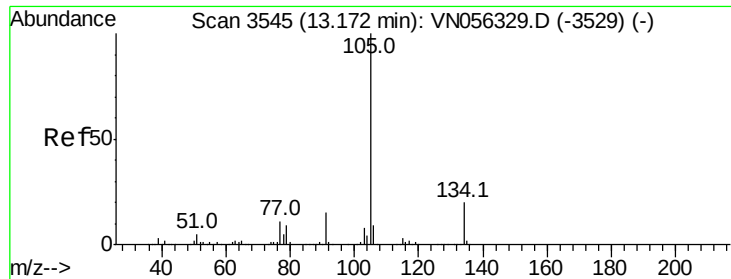
#84
 1,2,4-Trimethylbenzene
 Concen: 74.782 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN056330.D
 Acq: 17 Jun 2019 10:25

Tgt Ion:105 Resp: 1435658
 Ion Ratio Lower Upper
 105 100
 120 46.2 23.1 69.2



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





#85

sec-Butylbenzene

Concen: 73.417 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN056330.D

Acq: 17 Jun 2019 10:25

Instrument :

MSVOA_N

ClientSampleId :

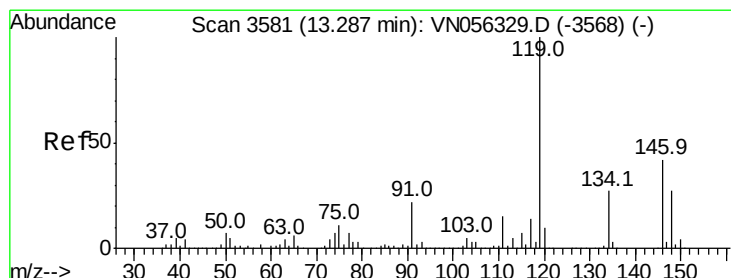
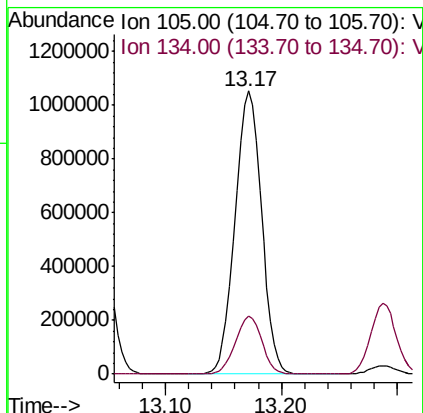
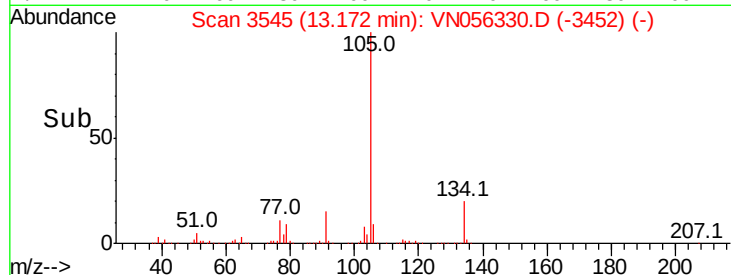
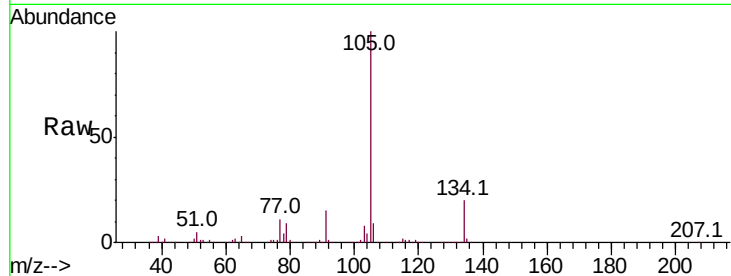
VSTDIC100

Tot Ion:105 Resp: 1660913

Ion Ratio Lower Upper

105 100

134 20.4 10.2 30.4



#86

p-Isopropyltoluene

Concen: 74.804 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN056330.D

Acq: 17 Jun 2019 10:25

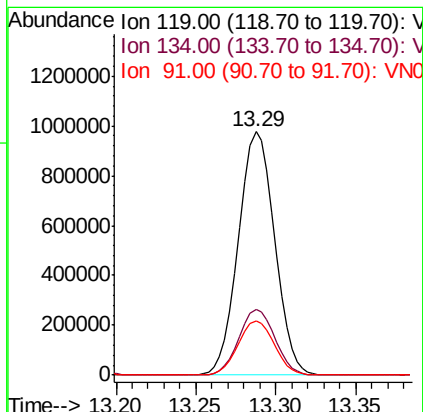
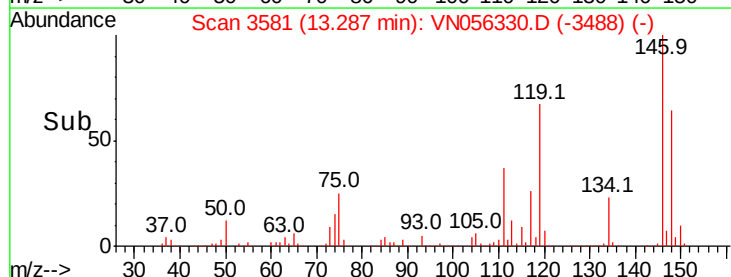
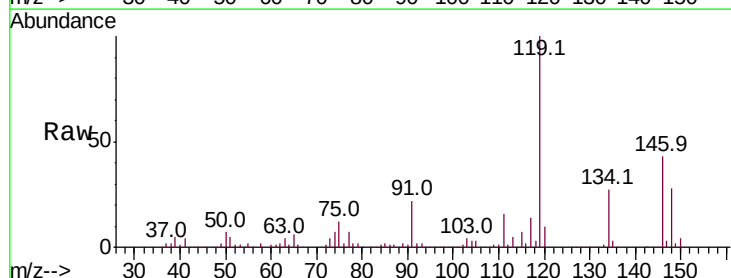
Tgt Ion:119 Resp: 1505059

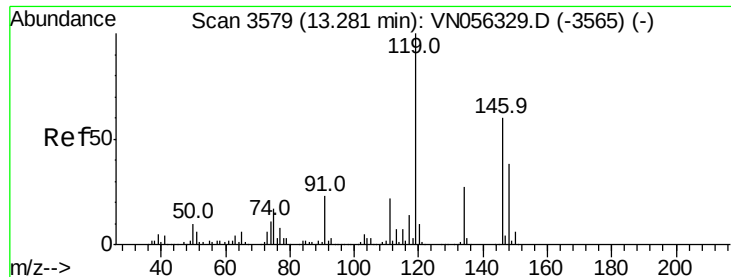
Ion Ratio Lower Upper

119 100

134 26.9 13.5 40.4

91 22.0 11.0 33.0

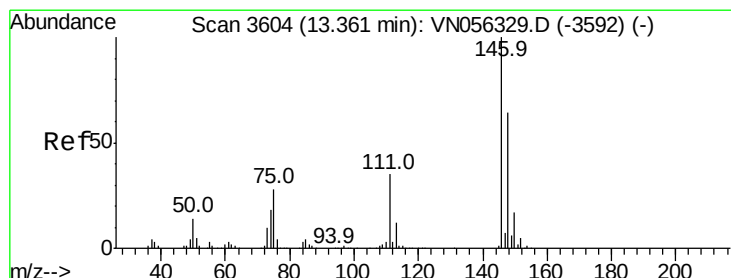
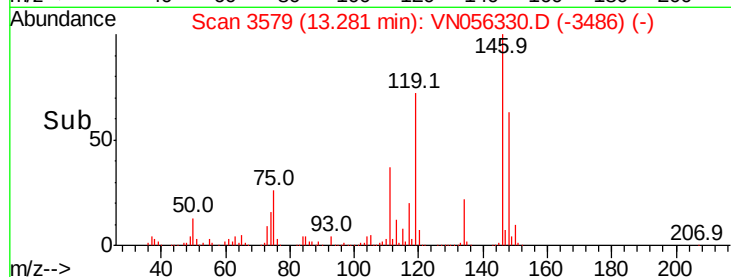
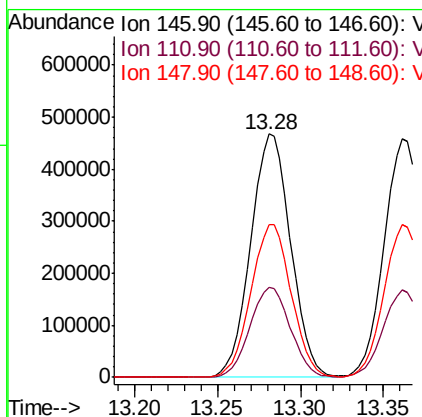
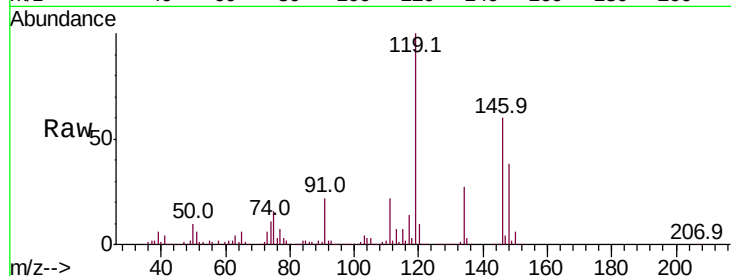




#87
 1,3-Dichlorobenzene
 Concen: 78.407 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.00 min
 Lab File: VN056330.D
 Acq: 17 Jun 2019 10:25

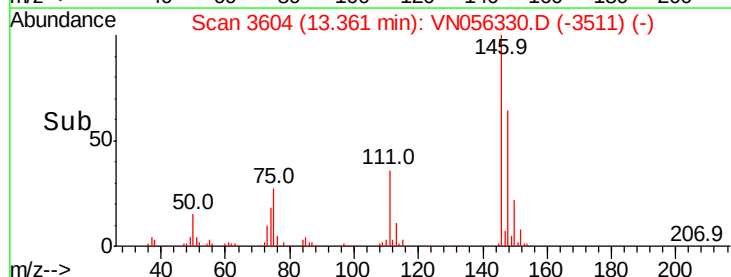
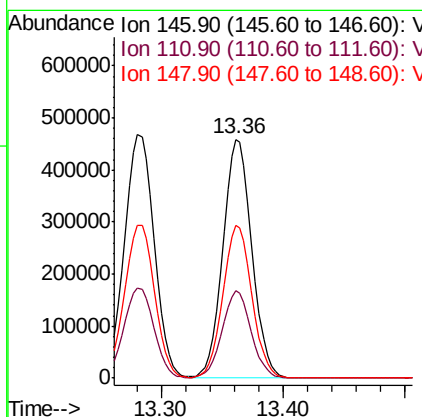
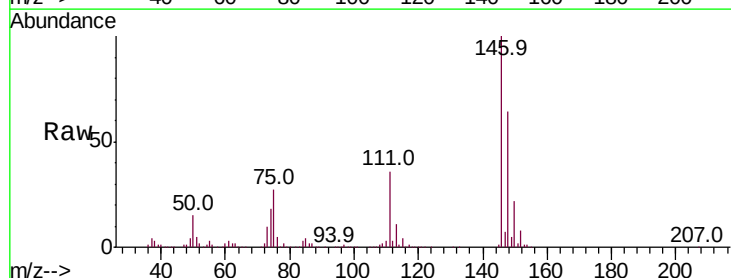
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

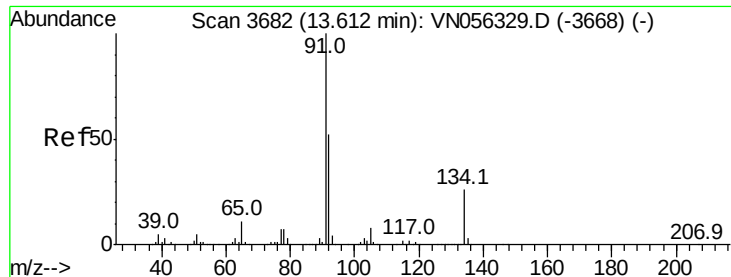
Tot Ion:146 Resp: 783982
 Ion Ratio Lower Upper
 146 100
 111 37.4 18.9 56.7
 148 63.5 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 79.214 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. -0.00 min
 Lab File: VN056330.D
 Acq: 17 Jun 2019 10:25

Tgt Ion:146 Resp: 763447
 Ion Ratio Lower Upper
 146 100
 111 36.4 18.1 54.1
 148 64.1 32.1 96.5





#89

n-Butylbenzene

Concen: 82.159 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. -0.00 min

Lab File: VN056330.D

Acq: 17 Jun 2019 10:25

Instrument :

MSVOA_N

ClientSampled :

VSTDIC100

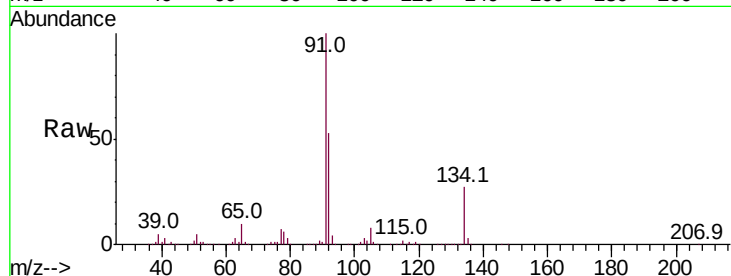
Tot Ion: 91 Resp: 1245051

Ion Ratio Lower Upper

91 100

92 52.3 26.0 78.0

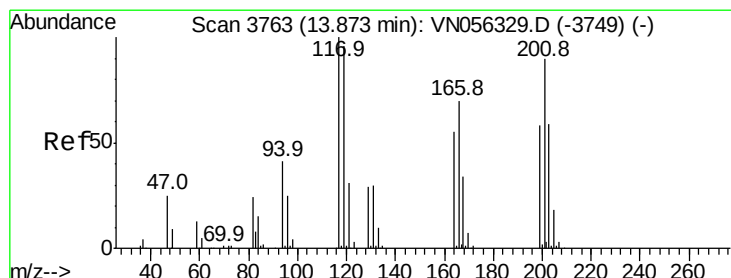
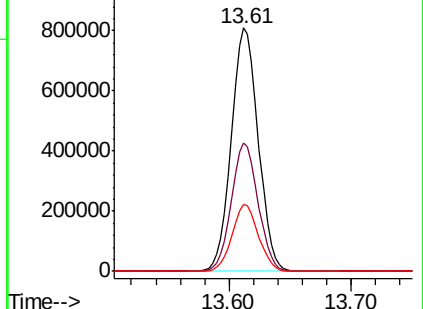
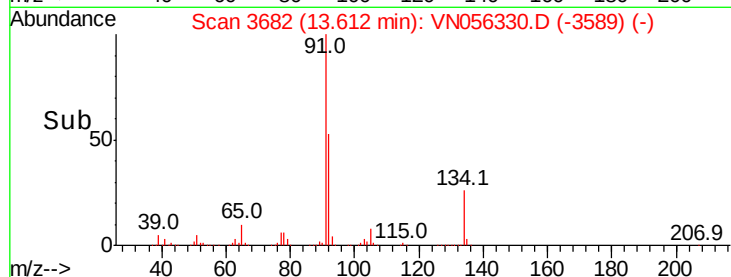
134 26.9 13.2 39.5



Abundance Ion 91.00 (90.70 to 91.70): VN056330.D (-3682) (-)

Ion 92.00 (91.70 to 92.70): VN056330.D (-3682) (-)

Ion 134.00 (133.70 to 134.70): VN056330.D (-3682) (-)



#90

Hexachloroethane

Concen: 80.769 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. -0.00 min

Lab File: VN056330.D

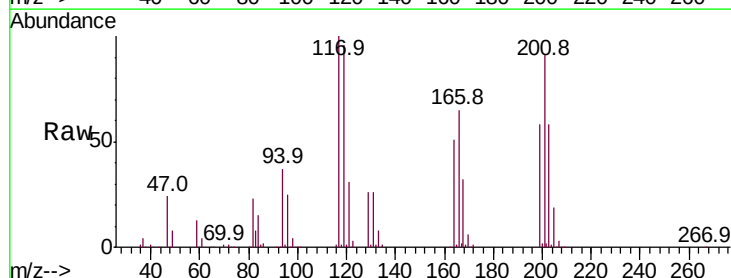
Acq: 17 Jun 2019 10:25

Tgt Ion: 117 Resp: 265376

Ion Ratio Lower Upper

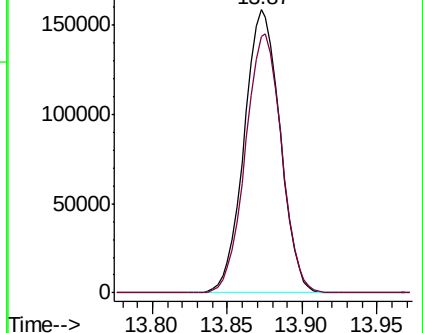
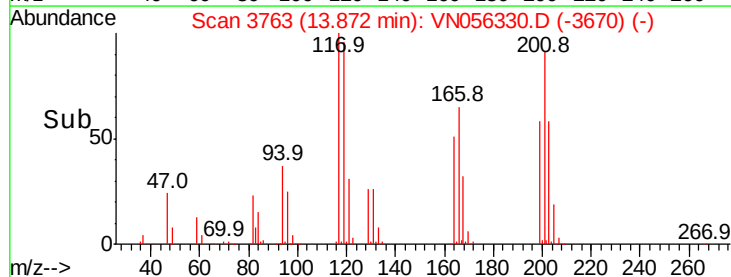
117 100

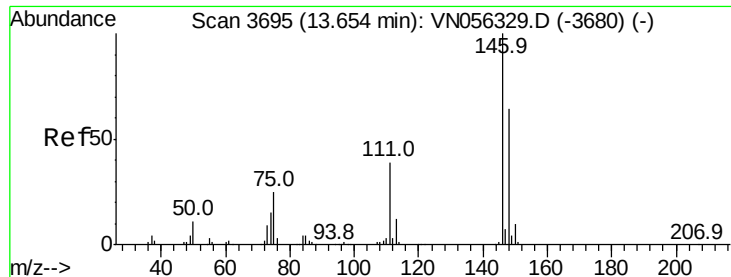
201 92.0 45.8 137.3



Abundance Ion 116.80 (116.50 to 117.50): VN056330.D (-3763) (-)

Ion 200.70 (200.40 to 201.40): VN056330.D (-3763) (-)





#91

1,2-Dichlorobenzene

Concen: 76.550 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. -0.00 min

Lab File: VN056330.D

Acq: 17 Jun 2019 10:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

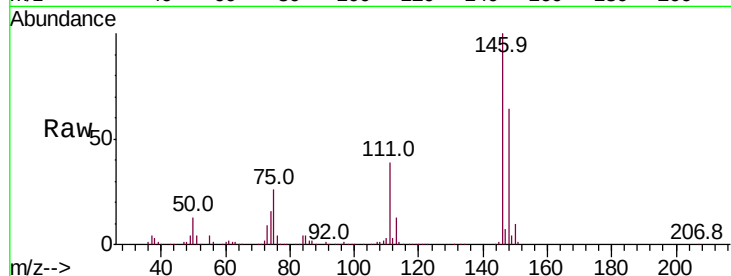
Tot Ion:146 Resp: 764748

Ion Ratio Lower Upper

146 100

111 38.7 19.4 58.2

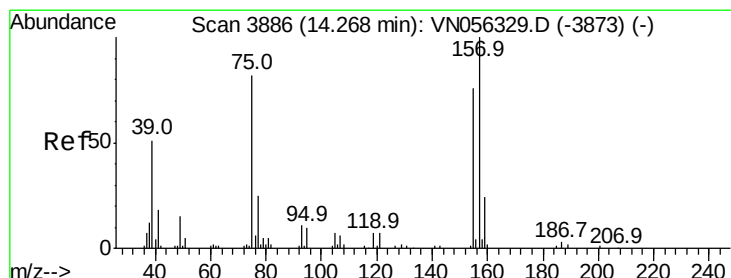
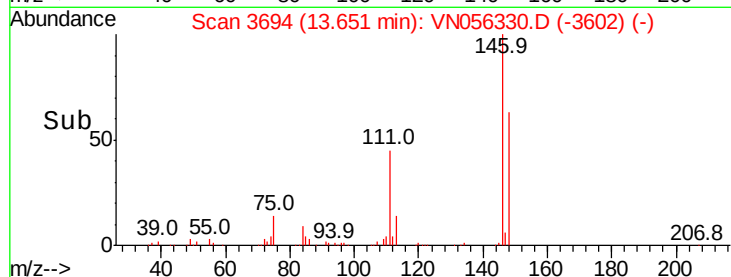
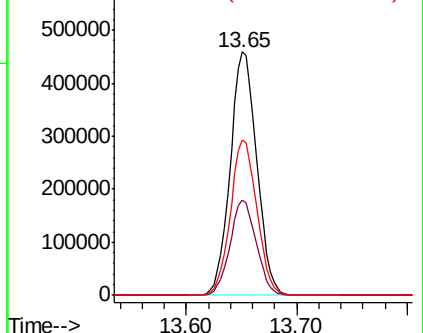
148 63.7 32.4 97.2



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: 88.176 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. -0.00 min

Lab File: VN056330.D

Acq: 17 Jun 2019 10:25

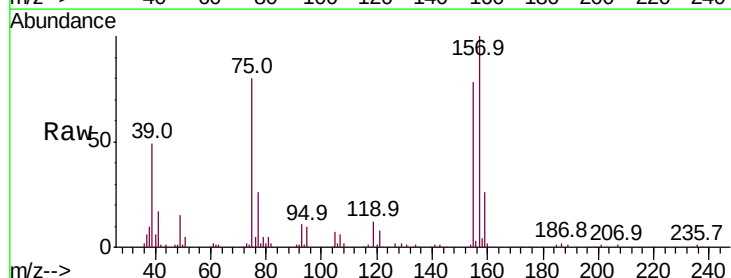
Tgt Ion: 75 Resp: 96112

Ion Ratio Lower Upper

75 100

155 97.9 47.8 143.4

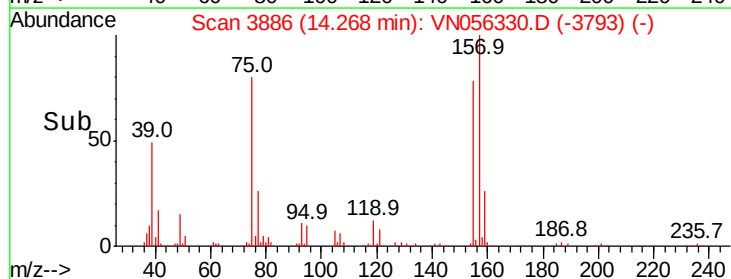
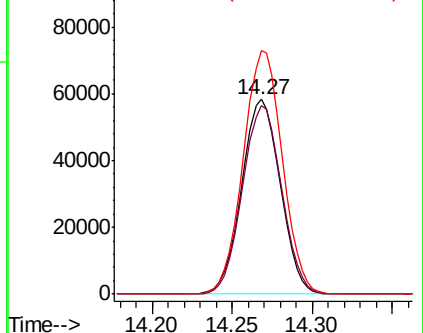
157 126.9 62.8 188.5

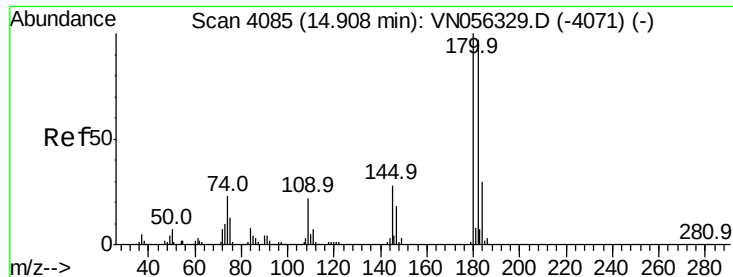


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

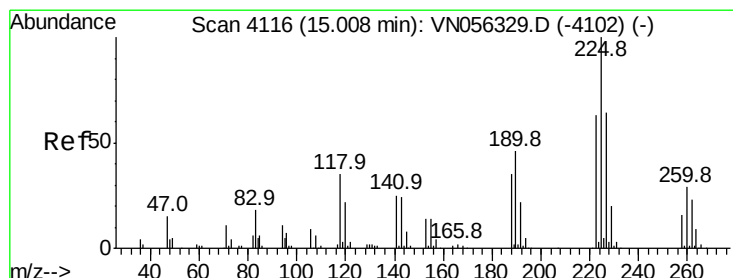
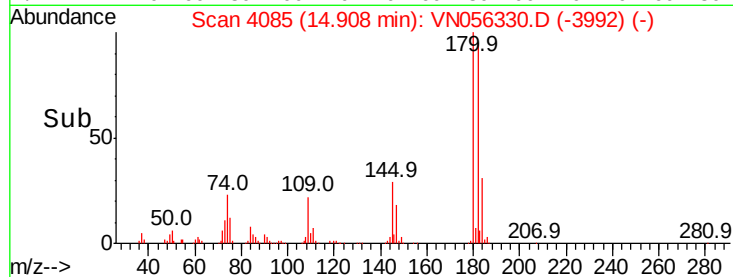
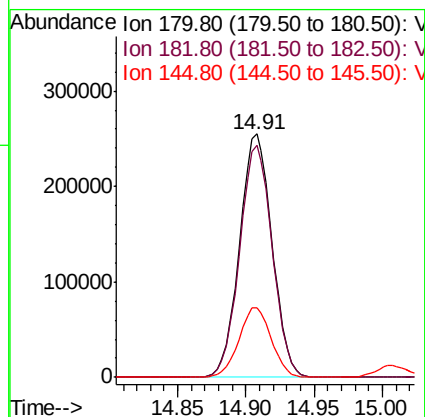
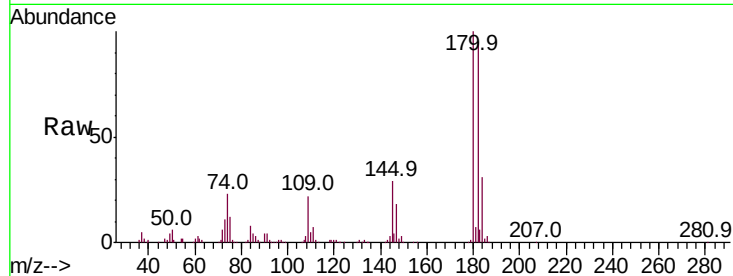




#93
 1,2,4-Trichlorobenzene
 Concen: 93.208 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. -0.00 min
 Lab File: VN056330.D
 Acq: 17 Jun 2019 10:25

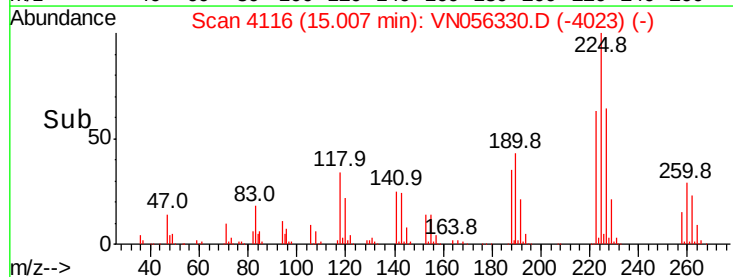
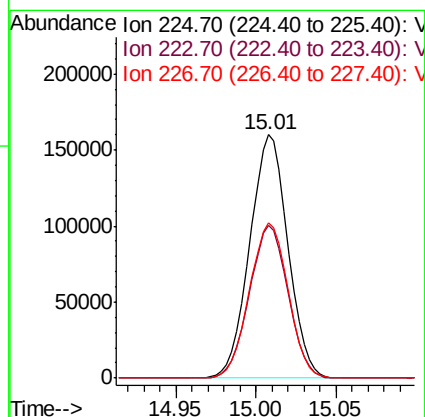
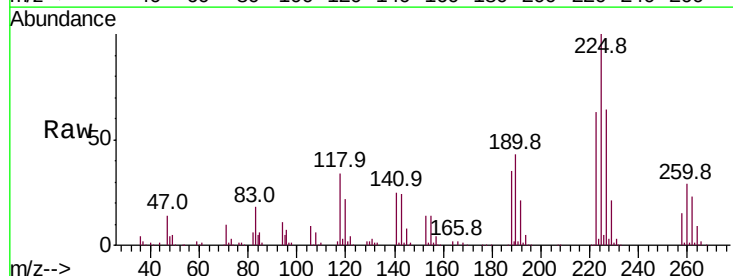
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

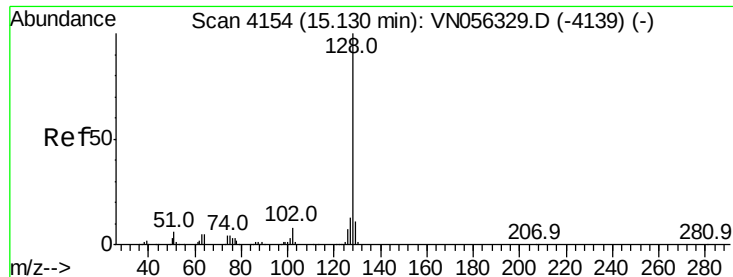
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.4	142.3
145	28.5	14.0	41.9



#94
 Hexachlorobutadiene
 Concen: 68.844 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN056330.D
 Acq: 17 Jun 2019 10:25

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	31.2	93.6
227	64.8	31.7	95.1





#95

Naphthalene

Concen: 92.335 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. -0.00 min

Lab File: VN056330.D

Acq: 17 Jun 2019 10:25

Instrument :

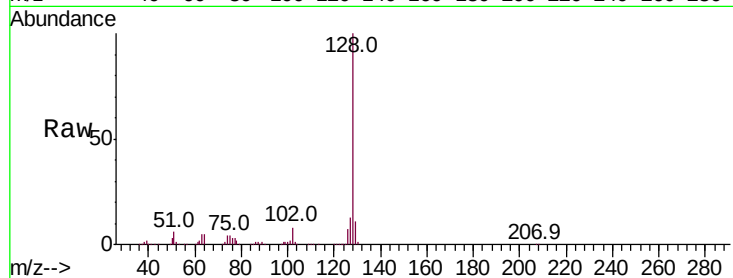
MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion:128 Resp: 1101245

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.6	15.8
129	10.9	8.6	12.8



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

15.13

800000

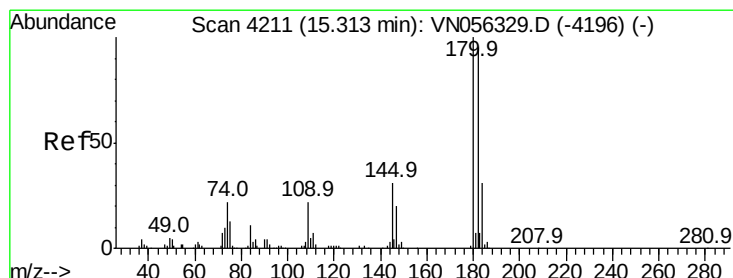
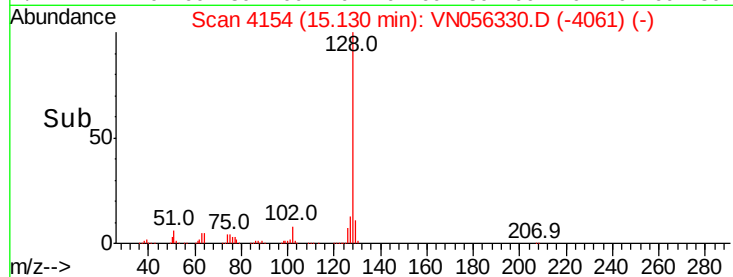
600000

400000

200000

0

Time-->



#96

1,2,3-Trichlorobenzene

Concen: 90.028 ug/l

RT: 15.31 min Scan# 4211

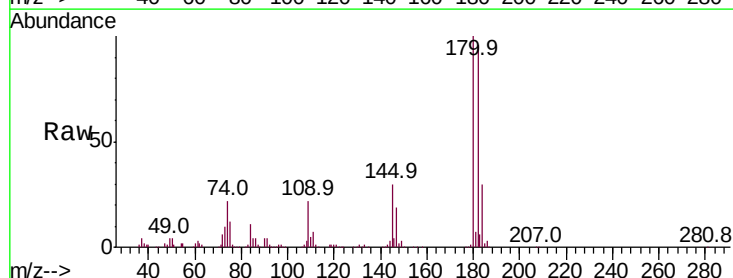
Delta R.T. -0.00 min

Lab File: VN056330.D

Acq: 17 Jun 2019 10:25

Tgt Ion:180 Resp: 439628

Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.1	141.4
145	30.2	14.9	44.9



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

15.31

300000

200000

100000

0

Time-->

