

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061719\
 Data File : VN056328.D
 Acq On : 17 Jun 2019 9:37
 Operator : JC/SP
 Sample : VSTDIC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 18 03:20:01 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	351179	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	535691	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	474442	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	185370	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	83170	17.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	34.70%	
35) Dibromofluoromethane	7.59	113	73046	16.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	33.20%	
50) Toluene-d8	10.09	98	272905	16.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	32.34%	
62) 4-Bromofluorobenzene	12.40	95	86947	15.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	30.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	67873	16.822	ug/l	100
3) Chloromethane	2.06	50	87456	17.872	ug/l	99
4) Vinyl Chloride	2.19	62	84726	17.360	ug/l	100
5) Bromomethane	2.54	94	51959	17.312	ug/l	98
6) Chloroethane	2.69	64	49663	17.582	ug/l	97
7) Trichlorofluoromethane	3.01	101	110008	17.636	ug/l	100
8) Diethyl Ether	3.41	74	42966	17.016	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.74	101	68451	17.838	ug/l	99
10) Methyl Iodide	3.94	142	88835	14.938	ug/l	99
11) Tert butyl alcohol	4.82	59	61742	75.399	ug/l	97
12) 1,1-Dichloroethene	3.72	96	66143	17.279	ug/l	97
13) Acrolein	3.60	56	17947	78.116	ug/l	96
14) Allyl chloride	4.31	41	113029	17.872	ug/l	99
15) Acrylonitrile	4.99	53	187421	92.077	ug/l	99
16) Acetone	3.82	43	241330	101.505	ug/l	100
17) Carbon Disulfide	4.04	76	176973	18.044	ug/l	99
18) Methyl Acetate	4.33	43	84003	17.632	ug/l	97
19) Methyl tert-butyl Ether	5.05	73	209249	17.195	ug/l	99
20) Methylene Chloride	4.54	84	79072	17.560	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	71304	17.273	ug/l	97
22) Diisopropyl ether	5.95	45	226045	17.666	ug/l	97
23) Vinyl Acetate	5.90	43	927988	89.764	ug/l	100
24) 1,1-Dichloroethane	5.85	63	130128	17.629	ug/l	99
25) 2-Butanone	6.84	43	289074	96.867	ug/l	99
26) 2,2-Dichloropropane	6.82	77	92212	16.692	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	82432	17.090	ug/l	99
28) Bromochloromethane	7.19	49	72008	20.126	ug/l	100
29) Tetrahydrofuran	7.22	42	167987	93.538	ug/l	98
30) Chloroform	7.37	83	131568	17.855	ug/l	96
31) Cyclohexane	7.65	56	123536	16.414	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	107163	17.433	ug/l	100
36) 1,1-Dichloropropene	7.79	75	96605	16.282	ug/l	100
37) Ethyl Acetate	6.93	43	98657	17.717	ug/l	99
38) Carbon Tetrachloride	7.77	117	92416	16.704	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	119262	16.231	ug/l	98
40) Benzene	8.04	78	299814	16.658	ug/l	100
41) Methacrylonitrile	7.18	41	44077	16.861	ug/l	94
42) 1,2-Dichloroethane	8.12	62	99230	16.957	ug/l	99
43) Isopropyl Acetate	8.17	43	146786	16.705	ug/l	99
44) Trichloroethene	8.83	130	82522	16.400	ug/l	98
45) 1,2-Dichloropropane	9.12	63	81353	17.298	ug/l	98
46) Dibromomethane	9.21	93	52268	16.972	ug/l	97
47) Bromodichloromethane	9.40	83	99212	17.342	ug/l	99
48) Methyl methacrylate	9.20	41	73878	16.844	ug/l	99
49) 1,4-Dioxane	9.20	88	30399	331.337	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	482494	86.121	ug/l	100
52) Toluene	10.15	92	183151	16.378	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	96713	16.402	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	116766	17.238	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	74560	16.780	ug/l	99
56) Ethyl methacrylate	10.43	69	106735	16.070	ug/l	100
57) 1,3-Dichloropropane	10.71	76	125439	17.030	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	169714	75.760	ug/l	99
59) 2-Hexanone	10.75	43	369356	90.070	ug/l	99
60) Dibromochloromethane	10.90	129	78463	17.333	ug/l	99
61) 1,2-Dibromoethane	11.01	107	78251	16.947	ug/l	100
64) Tetrachloroethene	10.63	164	80827	16.190	ug/l	100
65) Chlorobenzene	11.43	112	198233	16.603	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	73415	17.449	ug/l	99
67) Ethyl Benzene	11.51	91	343323	16.470	ug/l	100
68) m/p-Xylenes	11.62	106	260583	32.815	ug/l	99
69) o-Xylene	11.95	106	127473	16.373	ug/l	99
70) Styrene	11.96	104	206626	16.328	ug/l	99
71) Bromoform	12.12	173	56610	17.385	ug/l #	99
73) Isopropylbenzene	12.25	105	336340	17.876	ug/l	100
74) N-amyl acetate	12.07	43	119502	18.361	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	105529	18.915	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	123164	27.537	ug/l #	100
77) Bromobenzene	12.53	156	85218	17.164	ug/l	98
78) n-propylbenzene	12.59	91	343420	17.086	ug/l	99
79) 2-Chlorotoluene	12.67	91	221960	17.849	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	274973	17.555	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	26185	17.384	ug/l	92
82) 4-Chlorotoluene	12.77	91	204315	17.334	ug/l	100
83) tert-Butylbenzene	12.99	119	238711	17.395	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	260613	17.508	ug/l	99
85) sec-Butylbenzene	13.17	105	307097	17.507	ug/l	100
86) p-Isopropyltoluene	13.29	119	265967	17.049	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	129585	16.715	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	122045	16.332	ug/l	100
89) n-Butylbenzene	13.61	91	181313	15.431	ug/l	100
90) Hexachloroethane	13.87	117	47706	18.726	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	131228	16.942	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	16364	19.363	ug/l	97

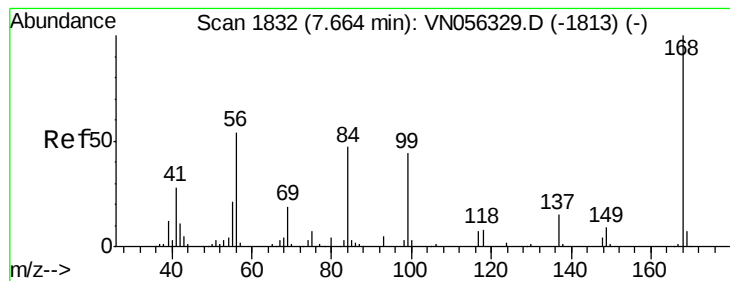
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	43933	12.524	ug/l	99
94) Hexachlorobutadiene	15.01	225	48812	16.631	ug/l	98
95) Naphthalene	15.13	128	124756	13.491	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	52209	13.789	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056328.D

Acq: 17 Jun 2019 9:37

Instrument :

MSVOA_N

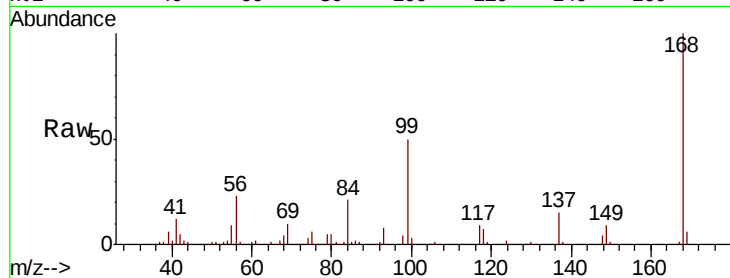
ClientSampleId :

Tot Ion:168 Resp: 351179

Ion Ratio Lower Upper

168 100

99 49.1 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN056328.D (-1739) (-)

Ion 98.90 (98.60 to 99.60): VN056328.D (-1739) (-)

7.66

150000

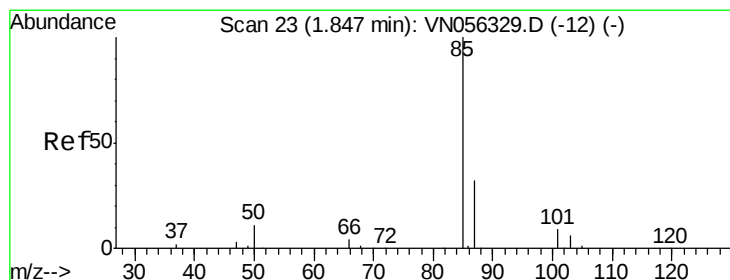
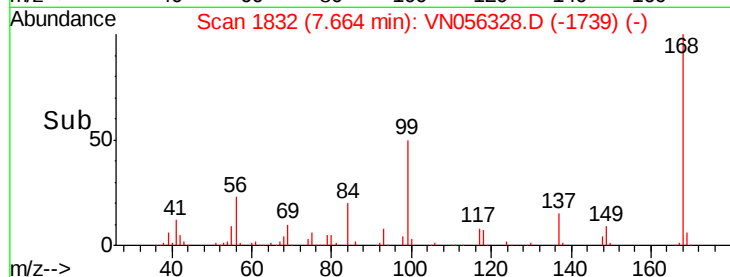
100000

50000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 16.822 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN056328.D

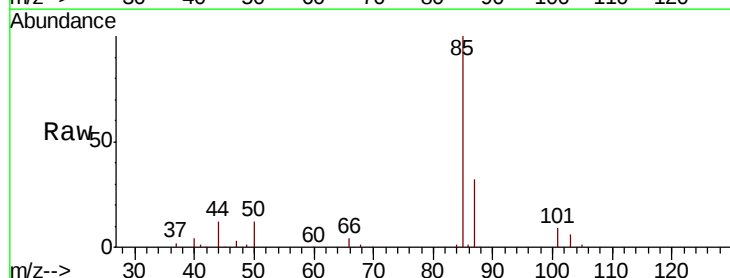
Acq: 17 Jun 2019 9:37

Tgt Ion: 85 Resp: 67873

Ion Ratio Lower Upper

85 100

87 32.2 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VN056328.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VN056328.D (-1) (-)

1.85

50000

40000

30000

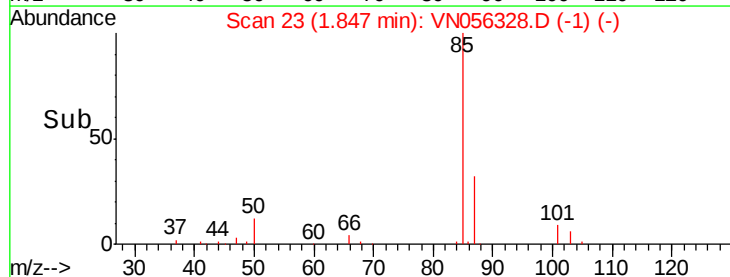
20000

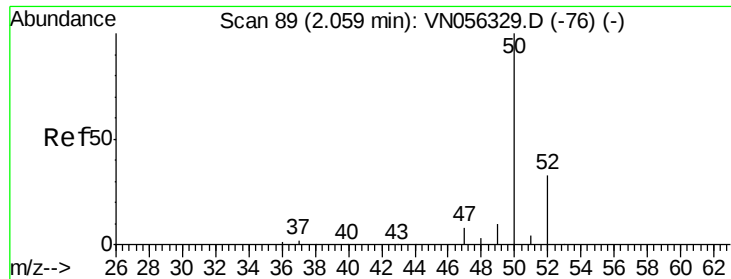
10000

0

1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 17.872 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN056328.D

Acq: 17 Jun 2019 9:37

Instrument :

MSVOA_N

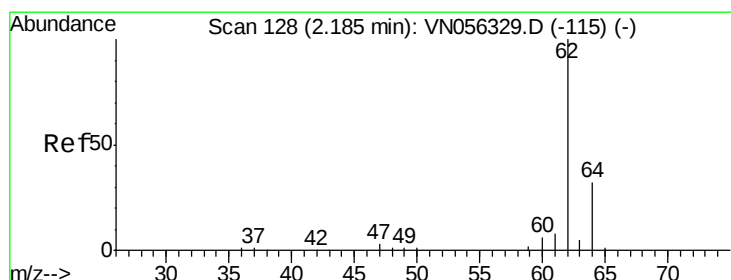
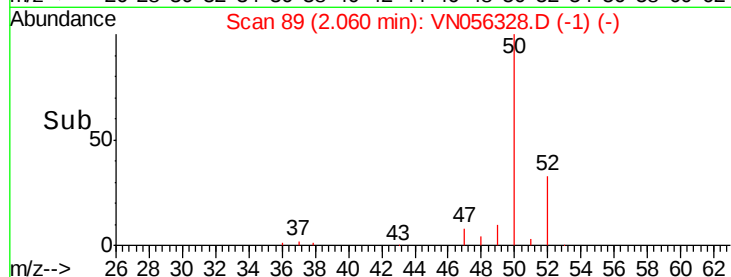
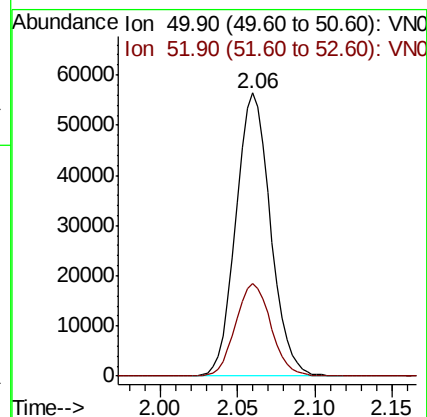
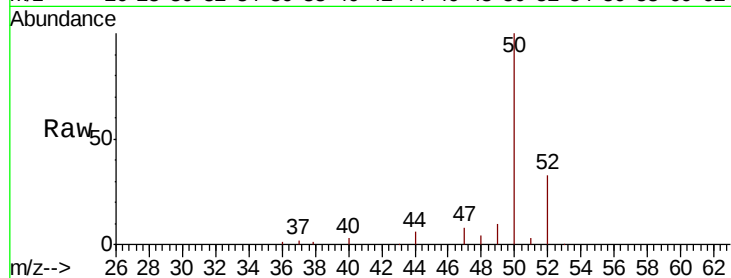
ClientSampleId :

Tot Ion: 50 Resp: 87456

Ion Ratio Lower Upper

50 100

52 32.6 26.3 39.5



#4

Vinyl Chloride

Concen: 17.360 ug/l

RT: 2.19 min Scan# 128

Delta R.T. 0.00 min

Lab File: VN056328.D

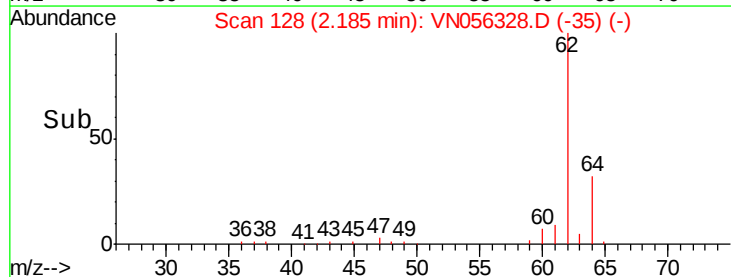
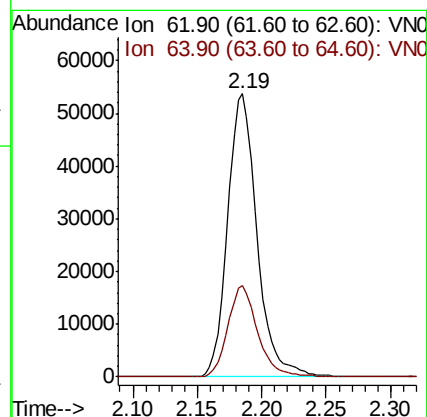
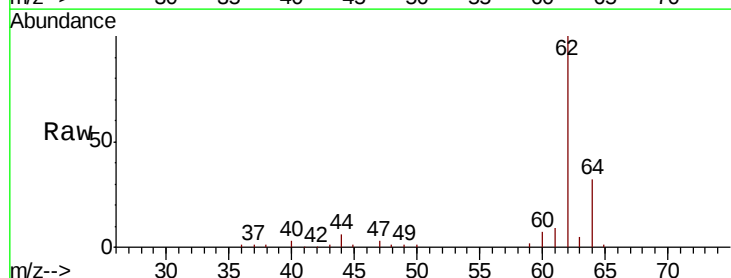
Acq: 17 Jun 2019 9:37

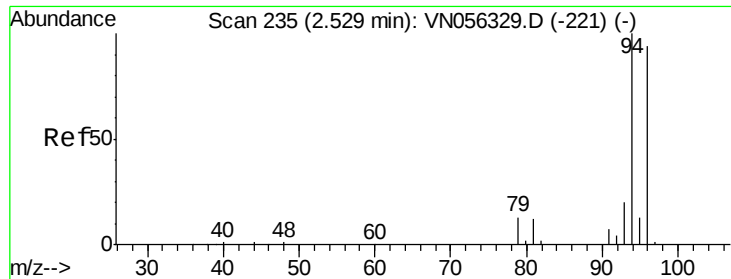
Tgt Ion: 62 Resp: 84726

Ion Ratio Lower Upper

62 100

64 32.3 25.7 38.5





#5

Bromomethane

Concen: 17.312 ug/l

RT: 2.54 min Scan# 238

Delta R.T. 0.01 min

Lab File: VN056328.D

Acq: 17 Jun 2019 9:37

Instrument :

MSVOA_N

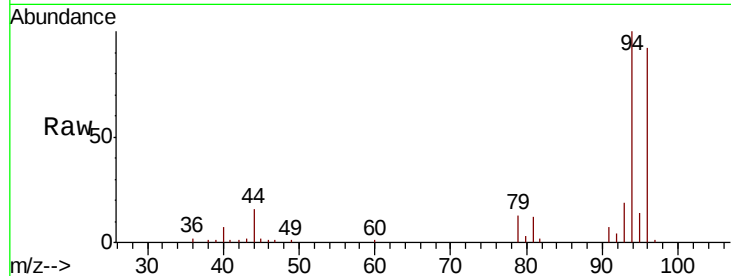
ClientSampled :

Tot Ion: 94 Resp: 51959

Ion Ratio Lower Upper

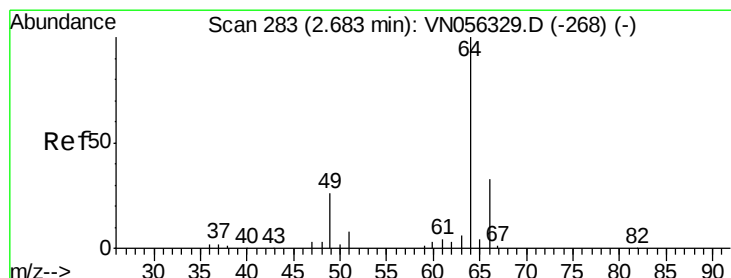
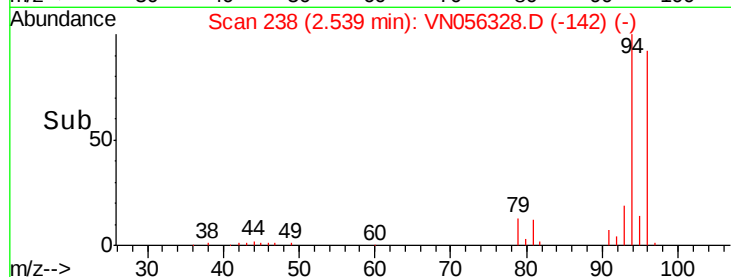
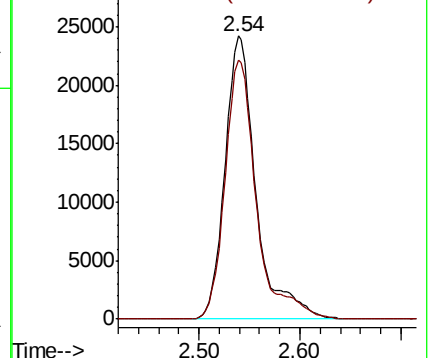
94 100

96 91.5 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 17.582 ug/l

RT: 2.69 min Scan# 285

Delta R.T. 0.01 min

Lab File: VN056328.D

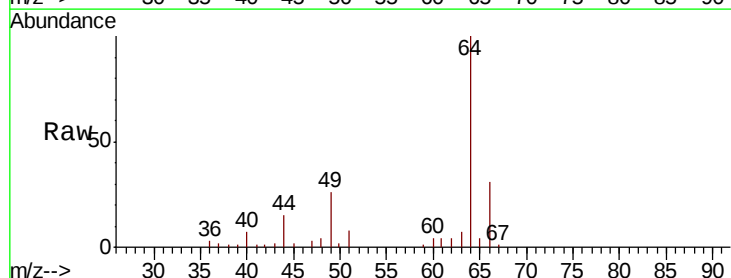
Acq: 17 Jun 2019 9:37

Tgt Ion: 64 Resp: 49663

Ion Ratio Lower Upper

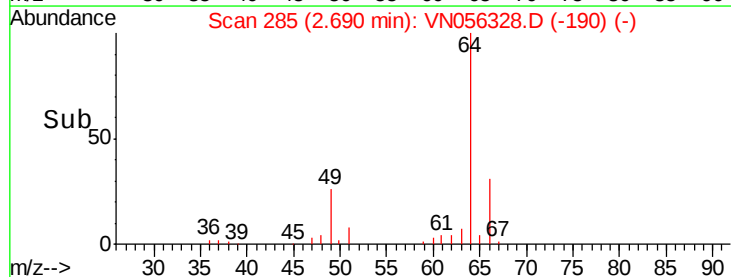
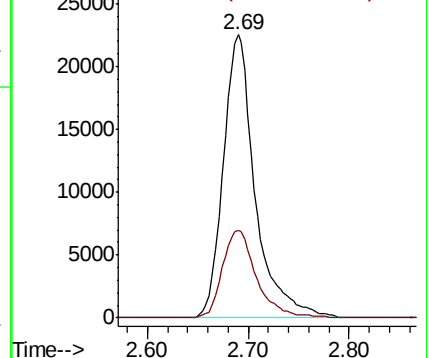
64 100

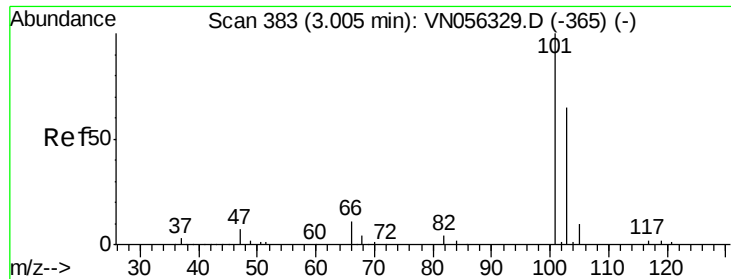
66 31.0 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



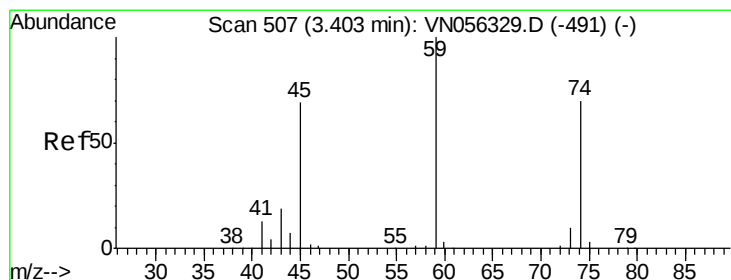
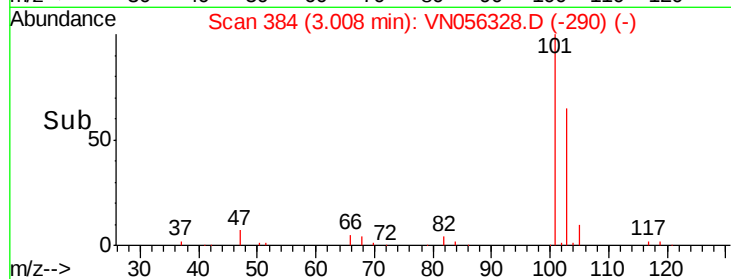
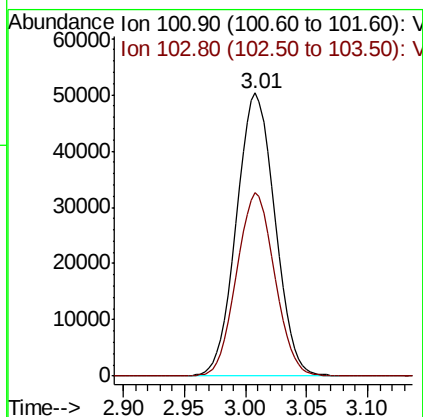
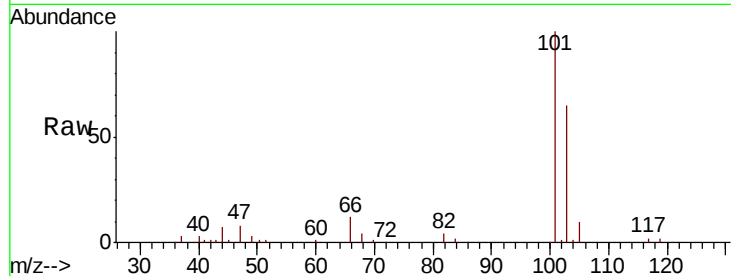


#7

Trichlorofluoromethane
Concen: 17.636 ug/l
RT: 3.01 min Scan# 384
Delta R.T. 0.00 min
Lab File: VN056328.D
Acq: 17 Jun 2019 9:37

Instrument :
MSVOA_N
ClientSampled :

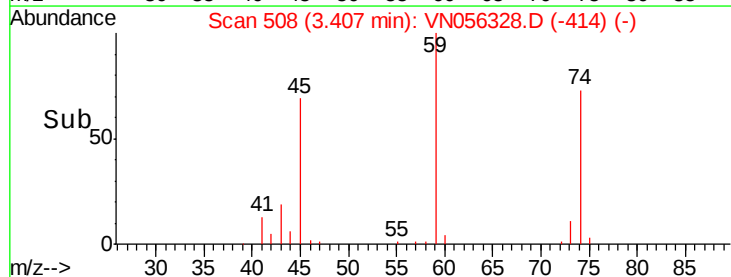
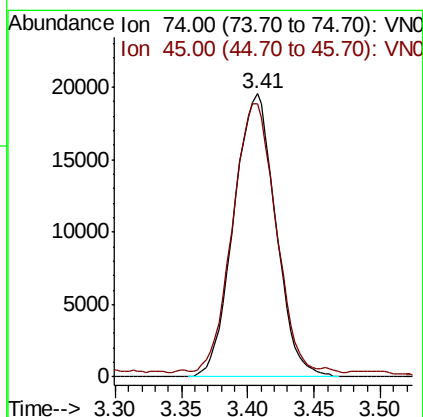
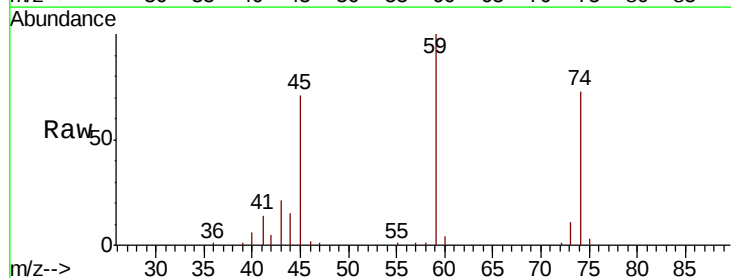
Tot Ion:101 Resp: 110008
Ion Ratio Lower Upper
101 100
103 64.7 52.1 78.1

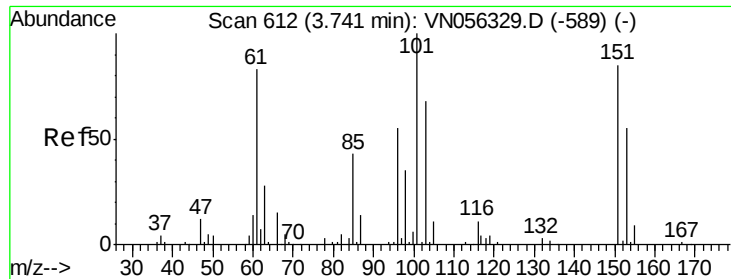


#8

Diethyl Ether
Concen: 17.016 ug/l
RT: 3.41 min Scan# 508
Delta R.T. 0.00 min
Lab File: VN056328.D
Acq: 17 Jun 2019 9:37

Tgt Ion: 74 Resp: 42966
Ion Ratio Lower Upper
74 100
45 96.6 49.0 147.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.838 ug/l

RT: 3.74 min Scan# 613

Delta R.T. 0.00 min

Lab File: VN056328.D

Acq: 17 Jun 2019 9:37

Instrument :

MSVOA_N

ClientSampled :

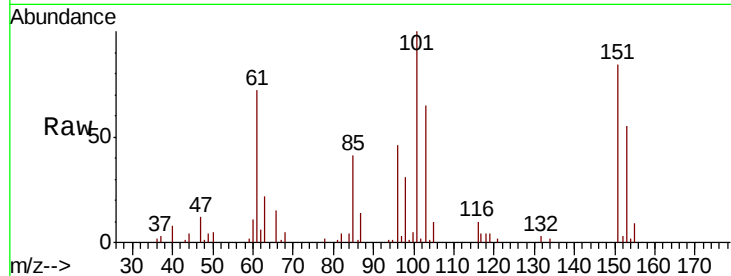
Tot Ion:101 Resp: 68451

Ion Ratio Lower Upper

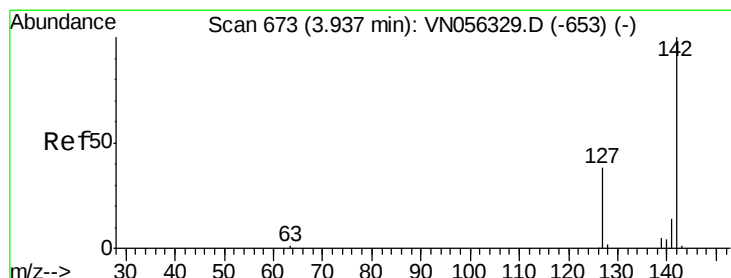
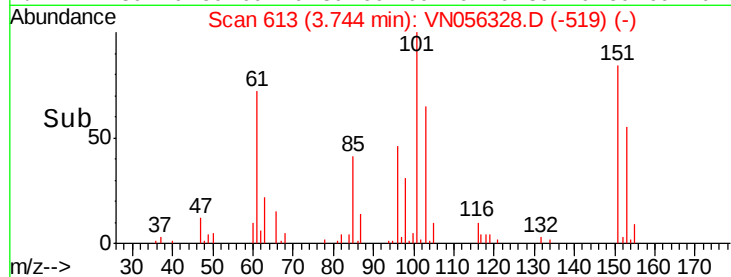
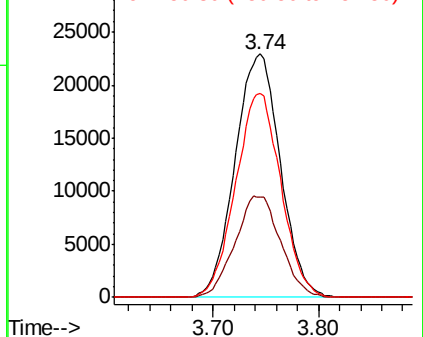
101 100

85 41.8 33.8 50.8

151 83.6 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: 14.938 ug/l

RT: 3.94 min Scan# 674

Delta R.T. 0.00 min

Lab File: VN056328.D

Acq: 17 Jun 2019 9:37

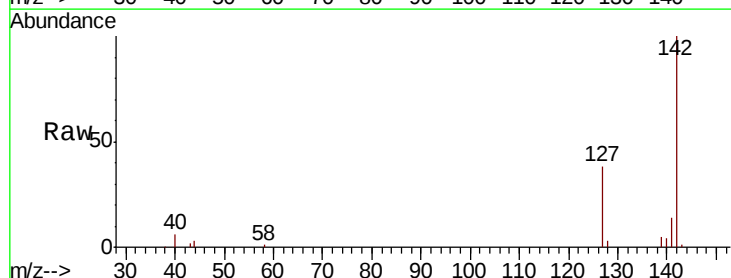
Tgt Ion:142 Resp: 88835

Ion Ratio Lower Upper

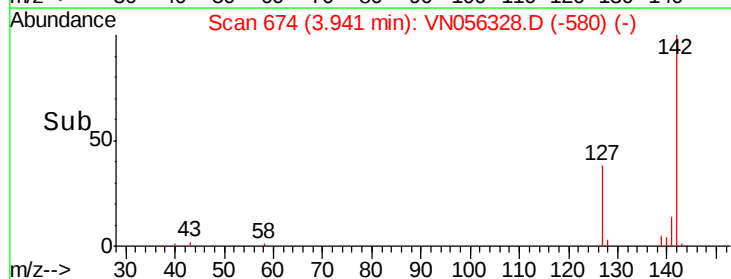
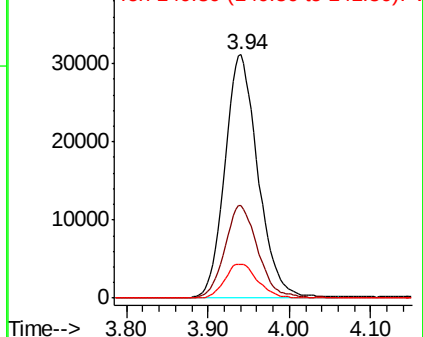
142 100

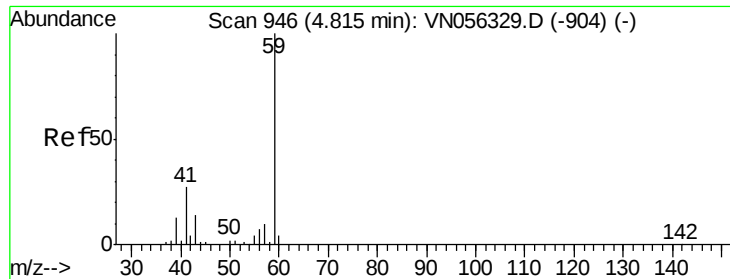
127 37.8 30.8 46.2

141 13.7 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

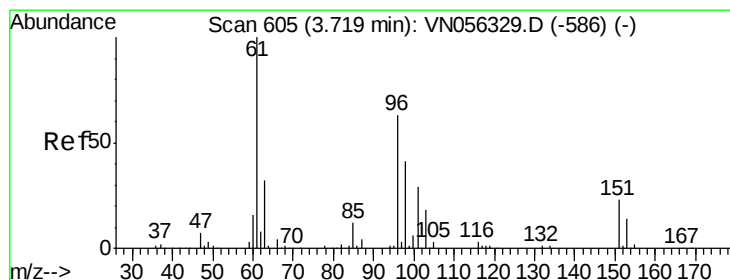
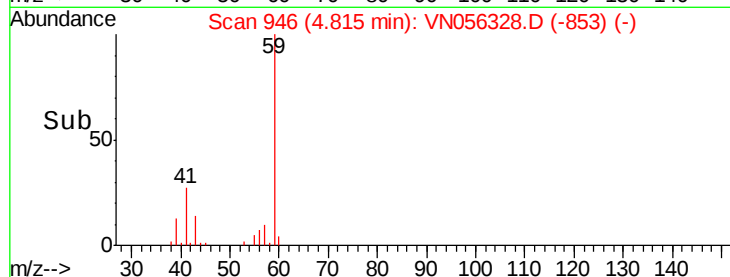
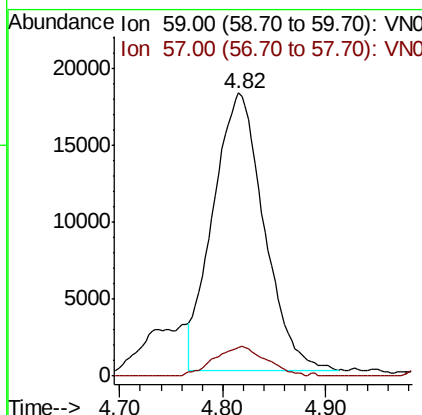
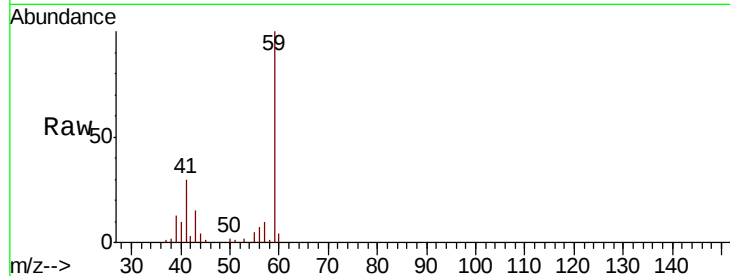




#11
Tert butyl alcohol
Concen: 75.399 ug/l
RT: 4.82 min Scan# 946
Delta R.T. 0.00 min
Lab File: VN056328.D
Acq: 17 Jun 2019 9:37

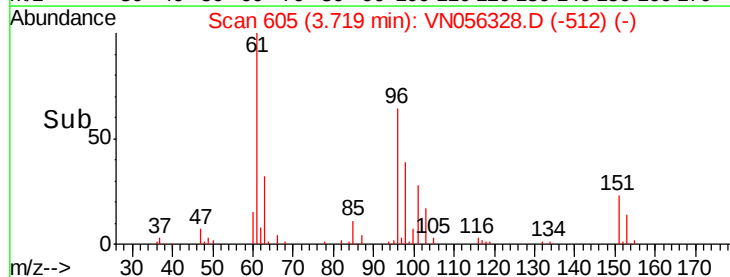
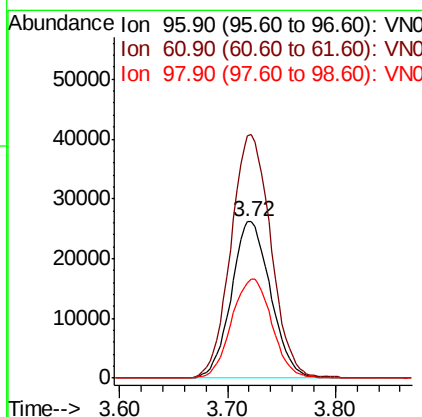
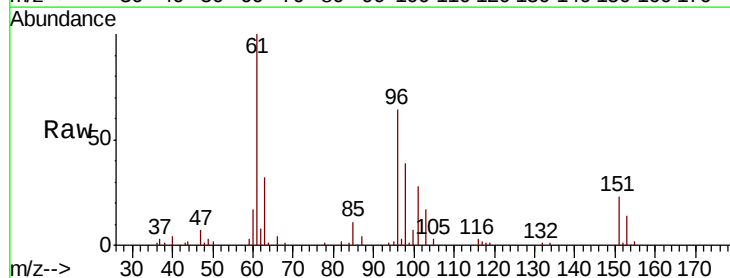
Instrument :
MSVOA_N
ClientSampleId :

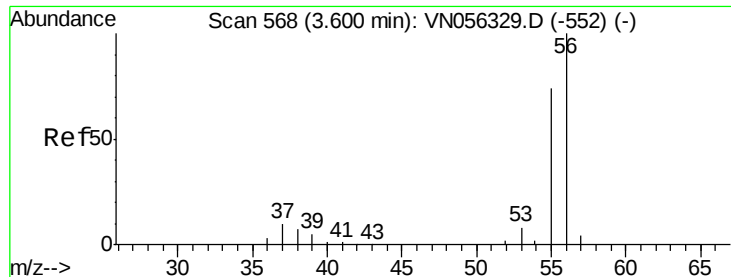
Tot Ion: 59 Resp: 61742
Ion Ratio Lower Upper
59 100
57 10.8 7.8 11.8



#12
1,1-Dichloroethene
Concen: 17.279 ug/l
RT: 3.72 min Scan# 605
Delta R.T. 0.00 min
Lab File: VN056328.D
Acq: 17 Jun 2019 9:37

Tgt Ion: 96 Resp: 66143
Ion Ratio Lower Upper
96 100
61 155.2 127.4 191.2
98 61.2 51.7 77.5





#13

Acrolein

Concen: 78.116 ug/l

RT: 3.60 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN056328.D

Acq: 17 Jun 2019 9:37

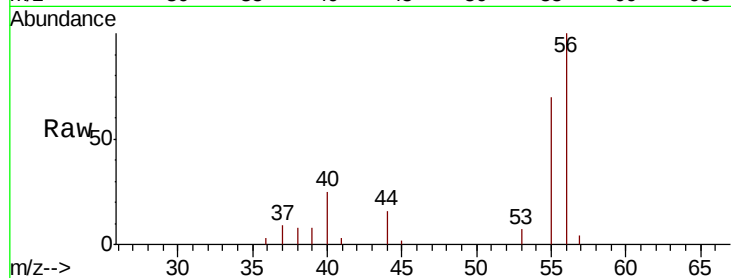
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 17947

Ion Ratio Lower Upper

56 100

55 73.4 56.4 84.6



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.60

8000

6000

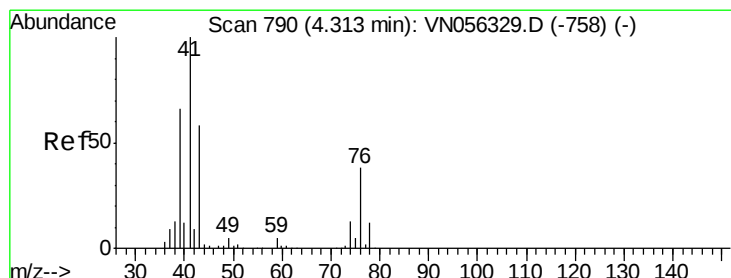
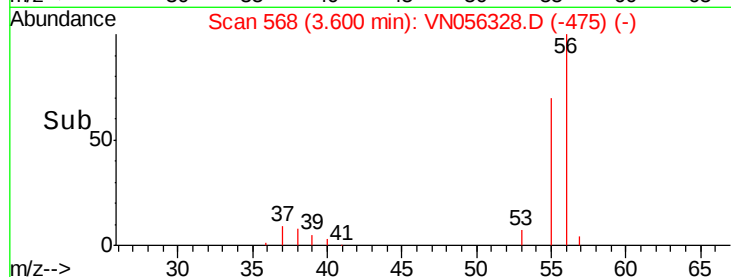
4000

2000

0

Time-->

3.55 3.60 3.65



#14

Allyl chloride

Concen: 17.872 ug/l

RT: 4.31 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN056328.D

Acq: 17 Jun 2019 9:37

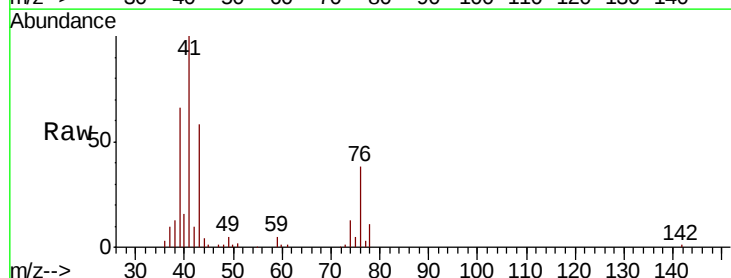
Tgt Ion: 41 Resp: 113029

Ion Ratio Lower Upper

41 100

39 61.6 48.9 73.3

76 33.4 27.2 40.8



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

4.31

50000

40000

30000

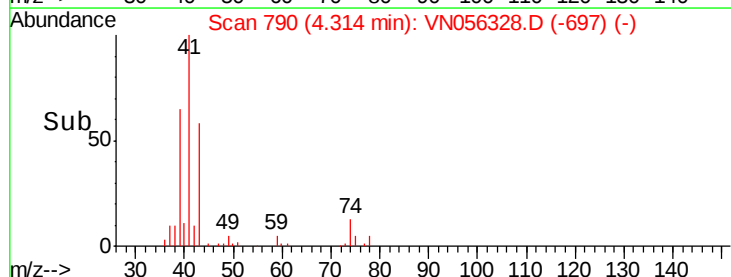
20000

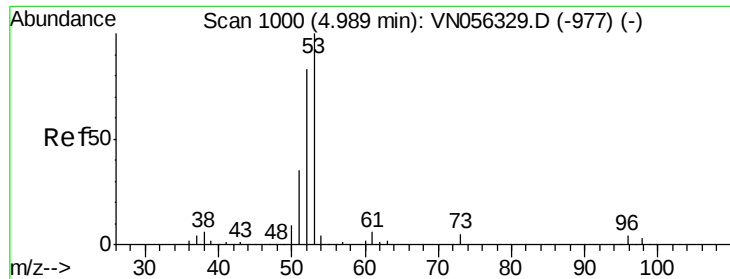
10000

0

Time-->

4.20 4.30 4.40





#15

Acrylonitrile

Concen: 92.077 ug/l

RT: 4.99 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VN056328.D

Acq: 17 Jun 2019 9:37

Instrument :

MSVOA_N

ClientSampleId :

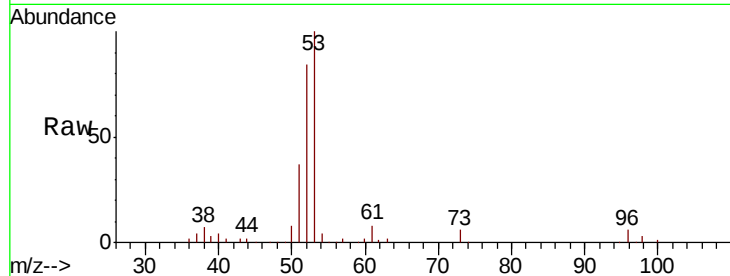
Tot Ion: 53 Resp: 187421

Ion Ratio Lower Upper

53 100

52 83.3 65.4 98.2

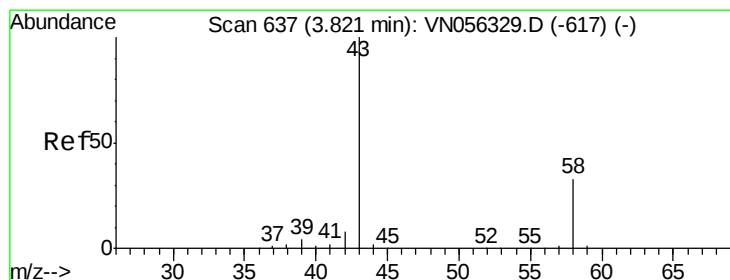
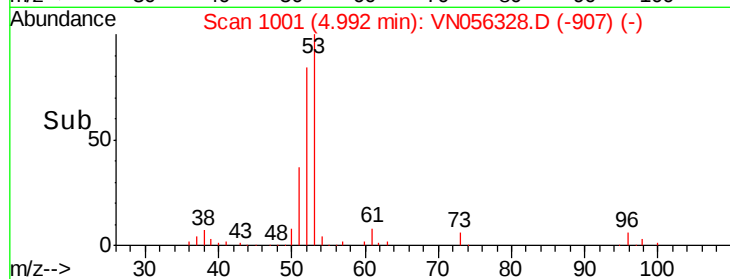
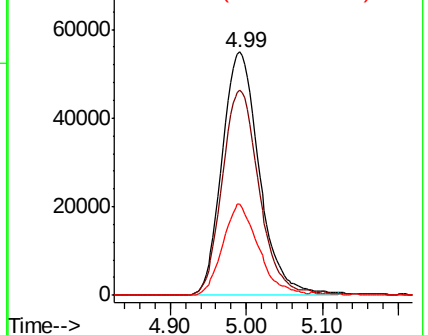
51 36.1 28.5 42.7



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: 101.505 ug/l

RT: 3.82 min Scan# 636

Delta R.T. -0.00 min

Lab File: VN056328.D

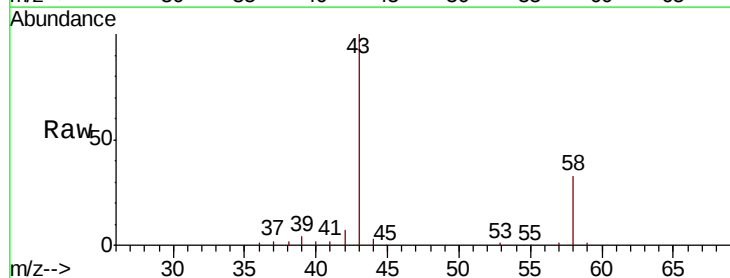
Acq: 17 Jun 2019 9:37

Tgt Ion: 43 Resp: 241330

Ion Ratio Lower Upper

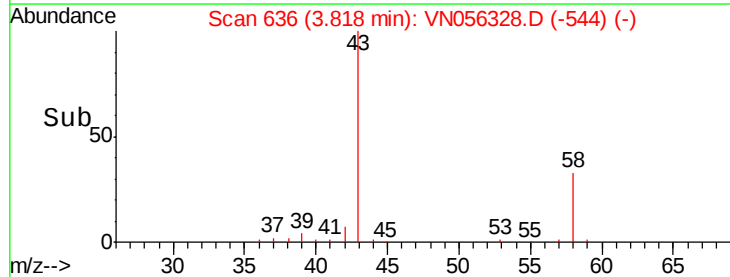
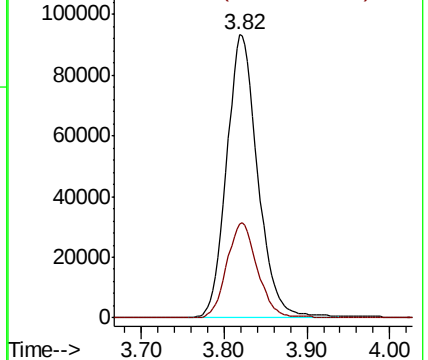
43 100

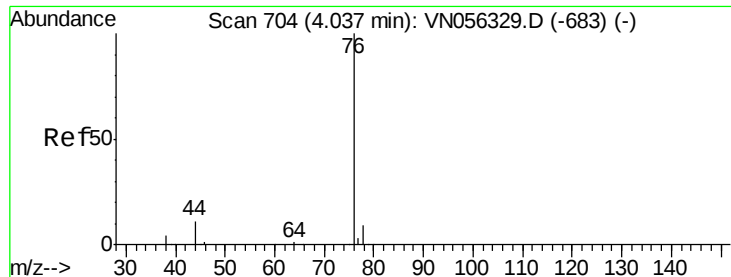
58 33.2 26.5 39.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 18.044 ug/l

RT: 4.04 min Scan# 704

Delta R.T. 0.00 min

Lab File: VN056328.D

Acq: 17 Jun 2019 9:37

Instrument :

MSVOA_N

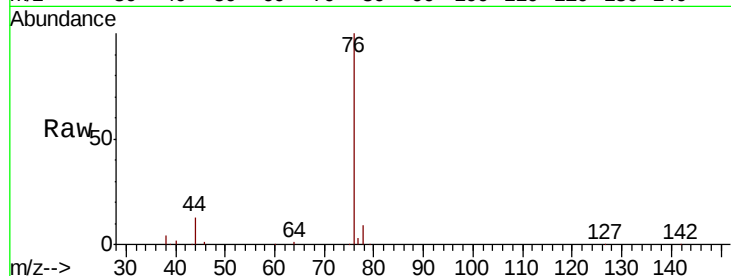
ClientSampled :

Tot Ion: 76 Resp: 176973

Ion Ratio Lower Upper

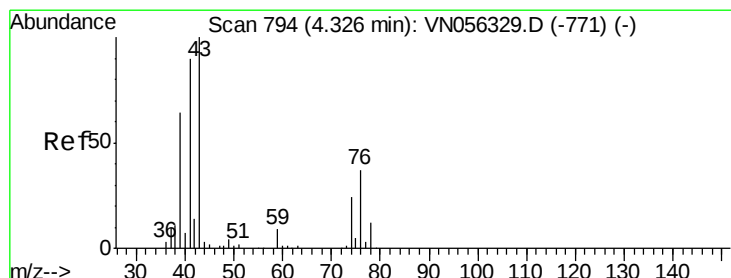
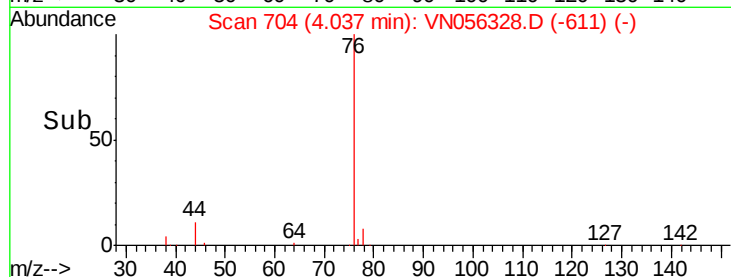
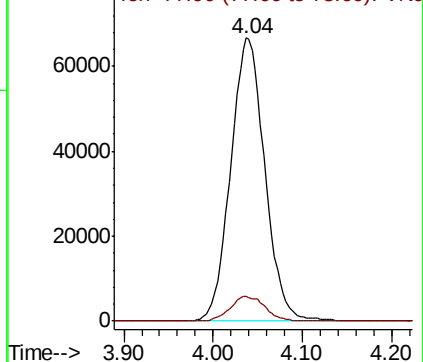
76 100

78 8.8 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 17.632 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.00 min

Lab File: VN056328.D

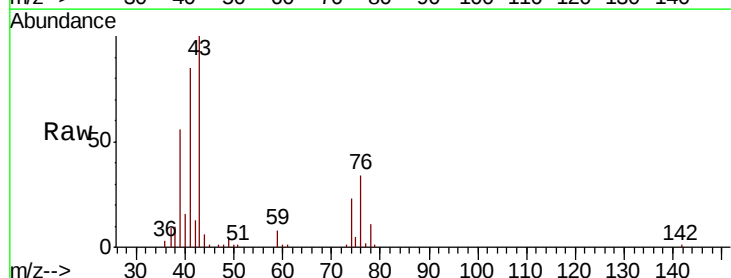
Acq: 17 Jun 2019 9:37

Tgt Ion: 43 Resp: 84003

Ion Ratio Lower Upper

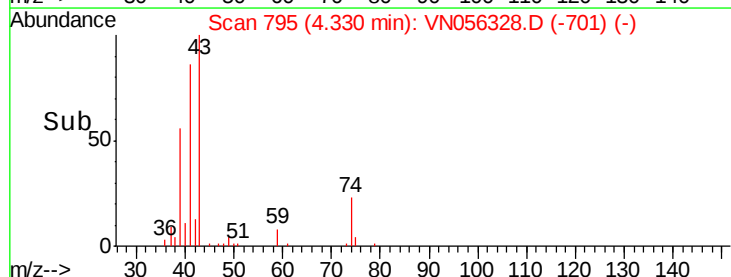
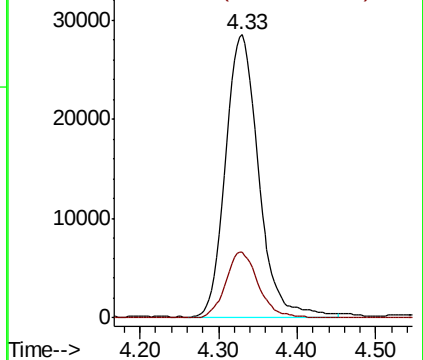
43 100

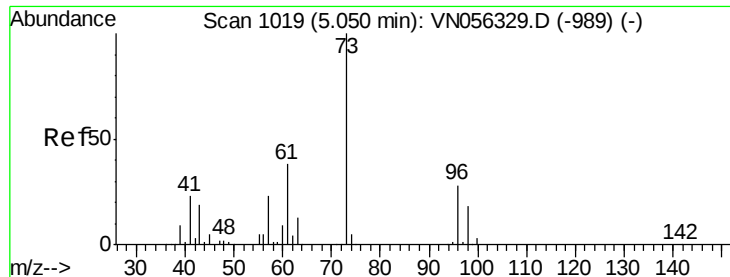
74 22.7 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0



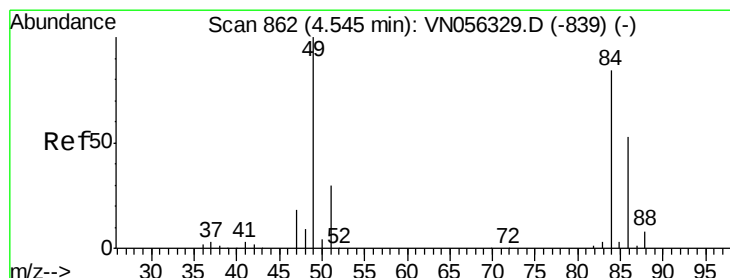
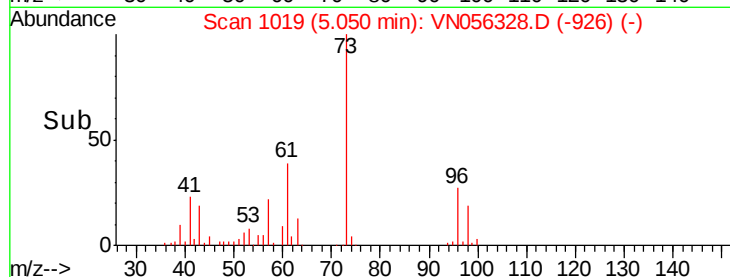
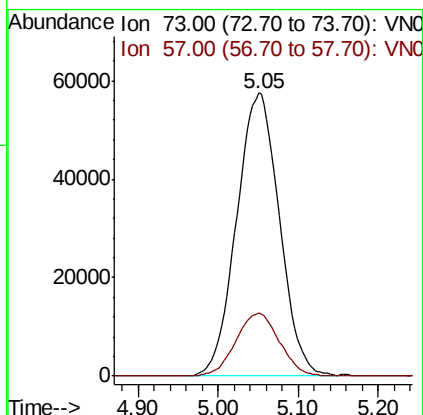
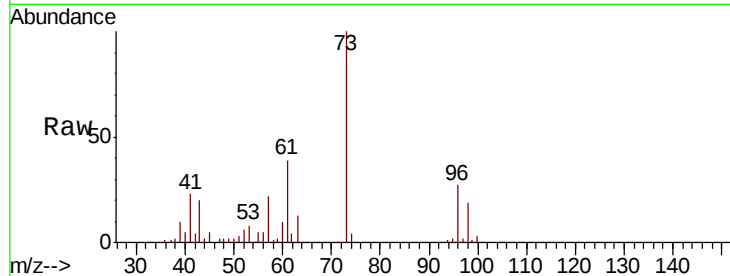


#19

Methyl tert-butyl Ether
 Concen: 17.195 ug/l
 RT: 5.05 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VN056328.D
 Acq: 17 Jun 2019 9:37

Instrument :
 MSVOA_N
 ClientSampleId :

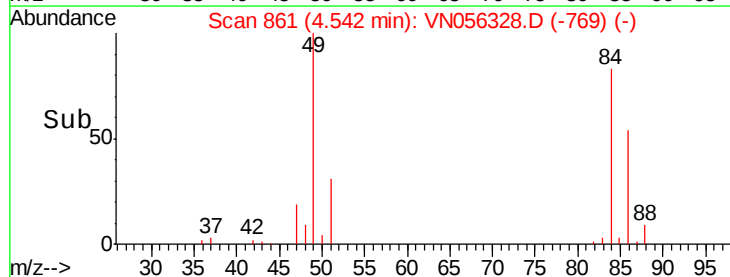
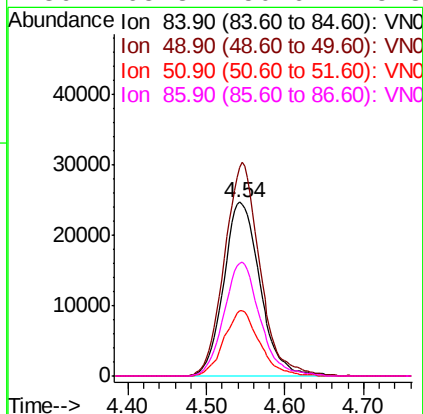
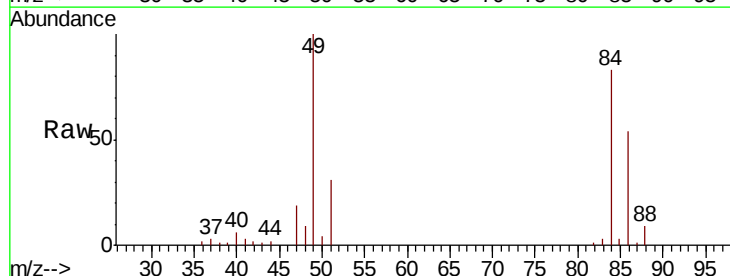
Tot Ion: 73 Resp: 209249
 Ion Ratio Lower Upper
 73 100
 57 22.2 18.1 27.1

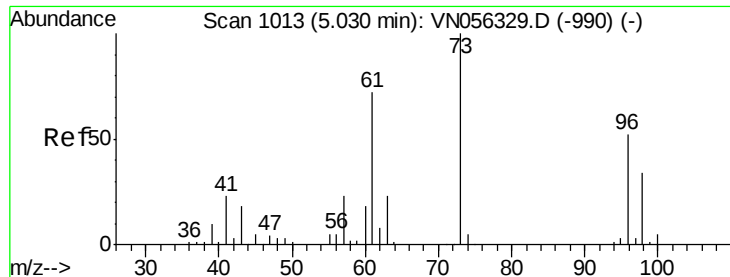


#20

Methylene Chloride
 Concen: 17.560 ug/l
 RT: 4.54 min Scan# 861
 Delta R.T. -0.00 min
 Lab File: VN056328.D
 Acq: 17 Jun 2019 9:37

Tgt Ion: 84 Resp: 79072
 Ion Ratio Lower Upper
 84 100
 49 120.4 95.0 142.6
 51 37.7 28.2 42.4
 86 65.3 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 17.273 ug/l

RT: 5.04 min Scan# 1015

Delta R.T. 0.01 min

Lab File: VN056328.D

Acq: 17 Jun 2019 9:37

Instrument :
MSVOA_N
ClientSampled :

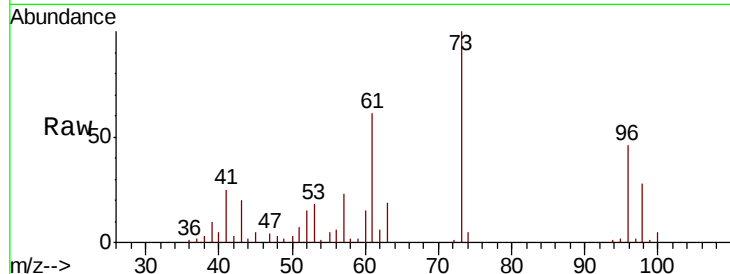
Tot Ion: 96 Resp: 71304

Ion Ratio Lower Upper

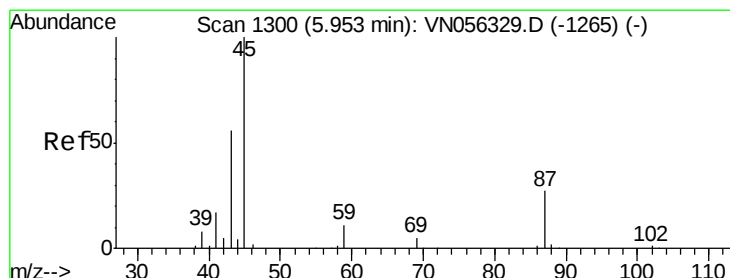
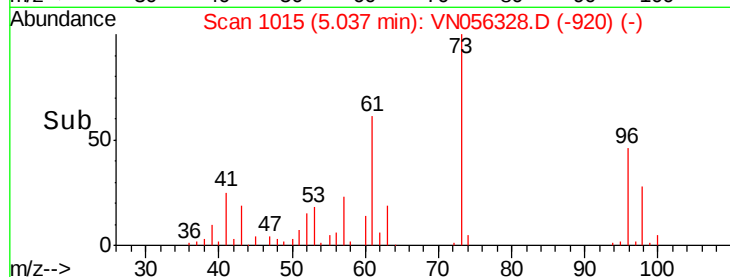
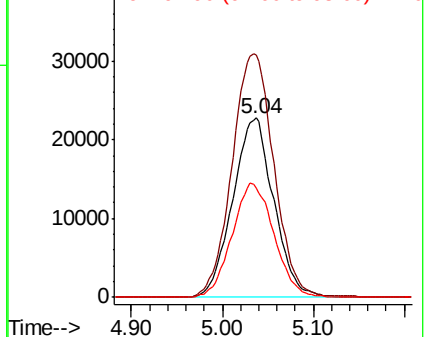
96 100

61 134.9 109.8 164.6

98 61.0 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: 17.666 ug/l

RT: 5.95 min Scan# 1300

Delta R.T. 0.00 min

Lab File: VN056328.D

Acq: 17 Jun 2019 9:37

Tgt Ion: 45 Resp: 226045

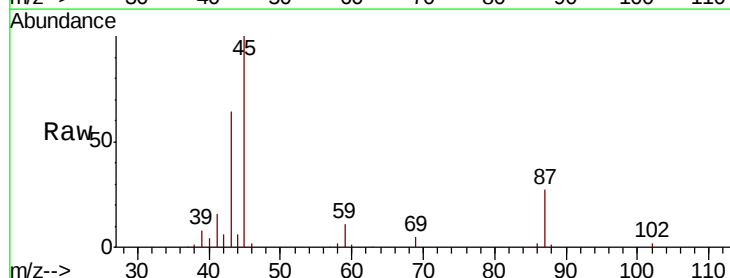
Ion Ratio Lower Upper

45 100

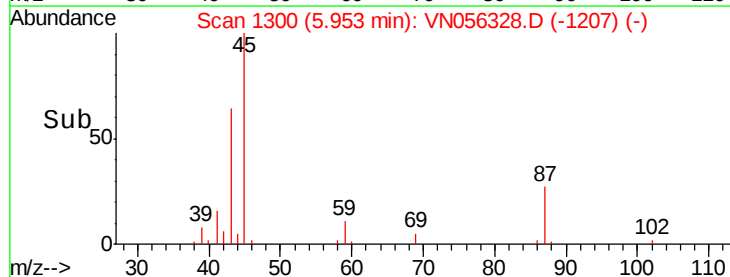
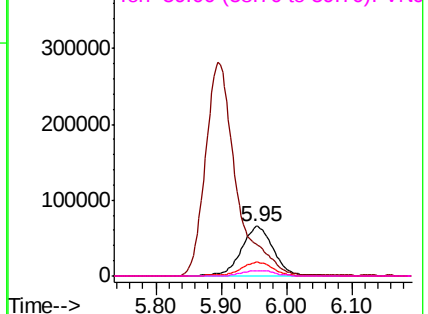
43 62.3 47.0 70.6

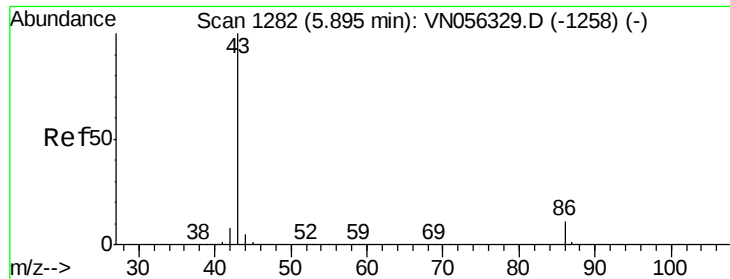
87 27.2 22.4 33.6

59 11.2 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

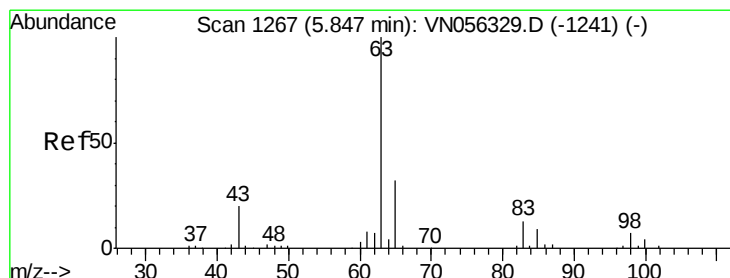
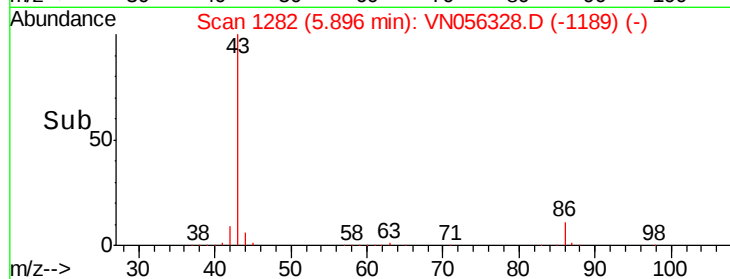
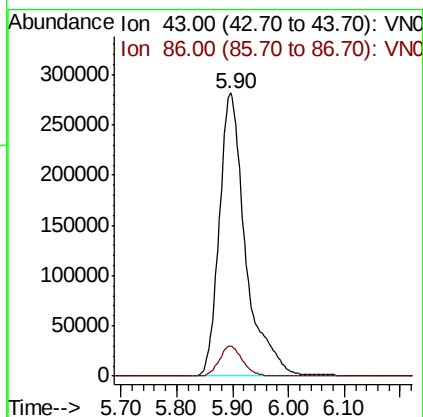
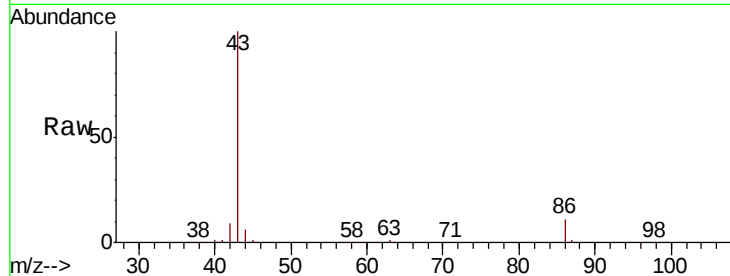




#23
 Vinyl Acetate
 Concen: 89.764 ug/l
 RT: 5.90 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: VN056328.D
 Acq: 17 Jun 2019 9:37

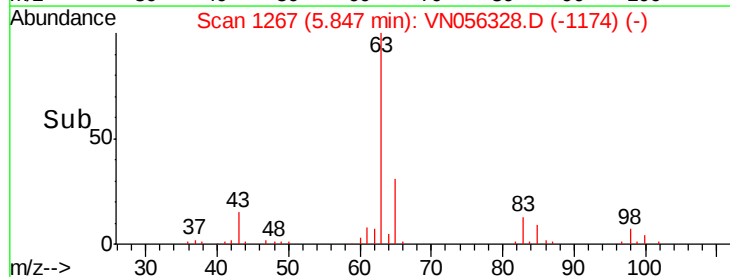
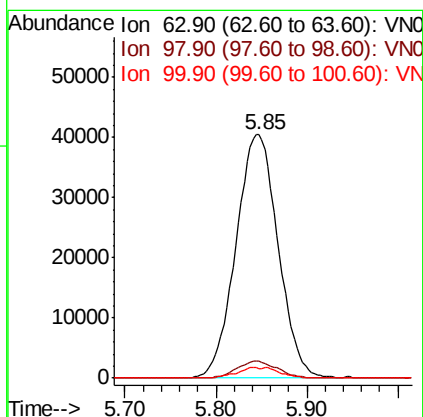
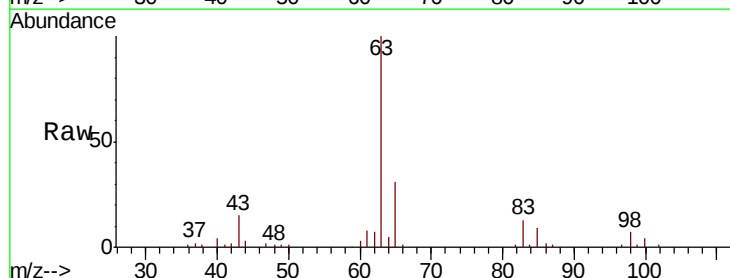
Instrument :
 MSVOA_N
 ClientSampleId :

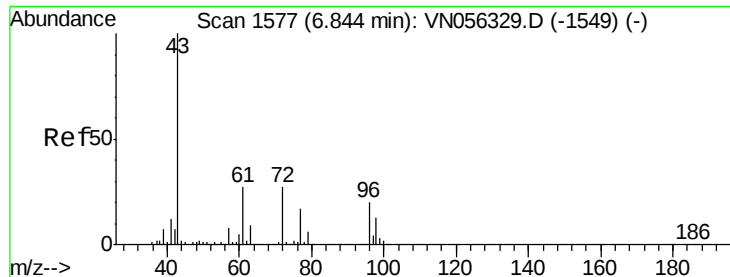
Tot Ion: 43 Resp: 927988
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 17.629 ug/l
 RT: 5.85 min Scan# 1267
 Delta R.T. 0.00 min
 Lab File: VN056328.D
 Acq: 17 Jun 2019 9:37

Tgt Ion: 63 Resp: 130128
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.3 9.8
 100 4.1 2.2 6.6





#25

2-Butanone

Concen: 96.867 ug/l

RT: 6.84 min Scan# 1577

Delta R.T. 0.00 min

Lab File: VN056328.D

Acq: 17 Jun 2019 9:37

Instrument :

MSVOA_N

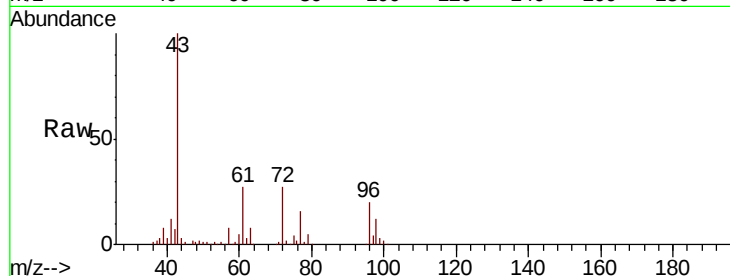
ClientSampled :

Tot Ion: 43 Resp: 289074

Ion Ratio Lower Upper

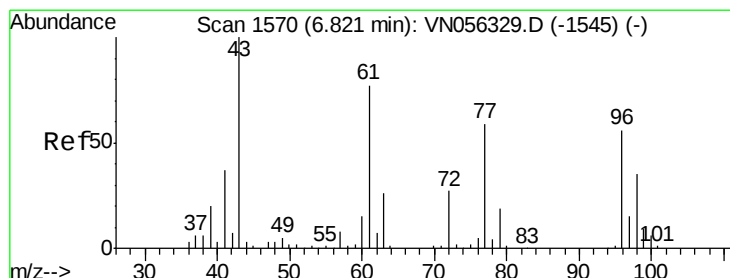
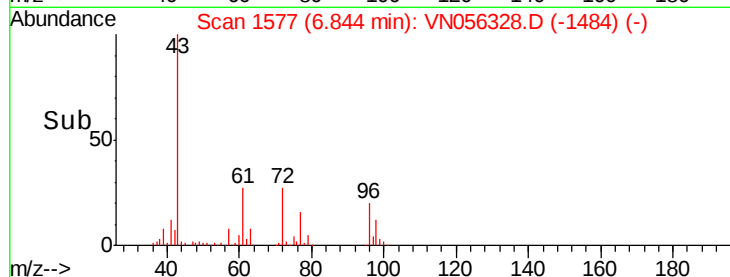
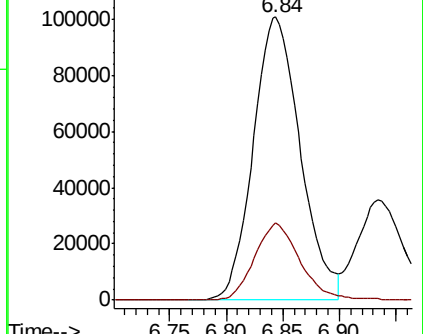
43 100

72 27.2 21.4 32.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 16.692 ug/l

RT: 6.82 min Scan# 1570

Delta R.T. 0.00 min

Lab File: VN056328.D

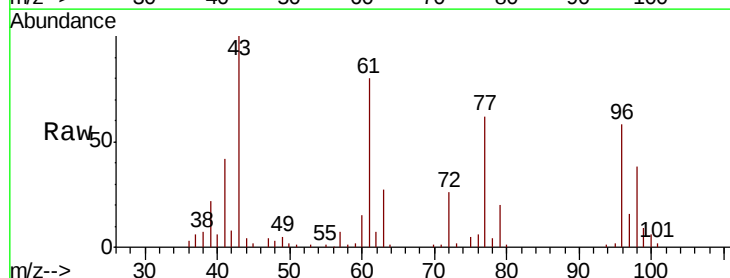
Acq: 17 Jun 2019 9:37

Tgt Ion: 77 Resp: 92212

Ion Ratio Lower Upper

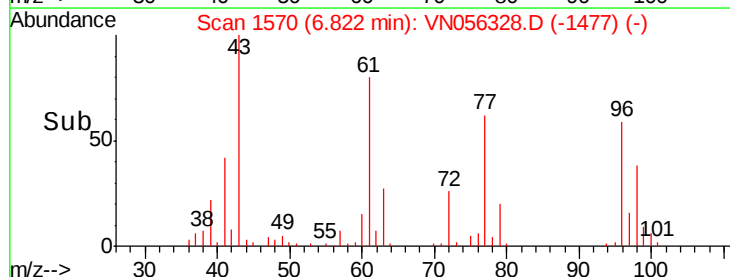
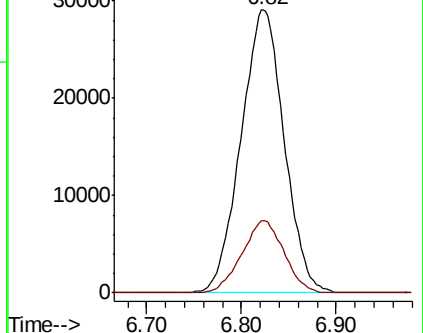
77 100

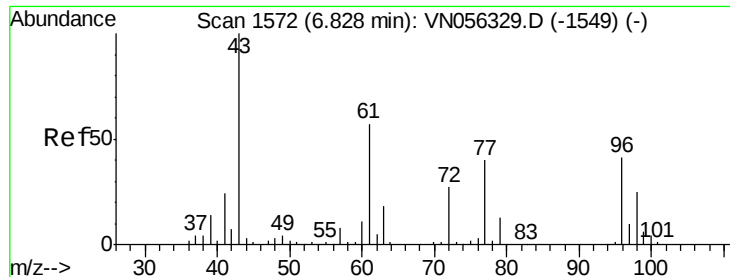
97 24.9 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 17.090 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN056328.D

Acq: 17 Jun 2019 9:37

Instrument :
MSVOA_N
ClientSampled :

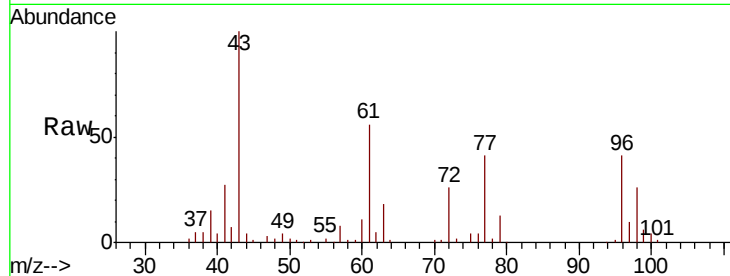
Tot Ion: 96 Resp: 82432

Ion Ratio Lower Upper

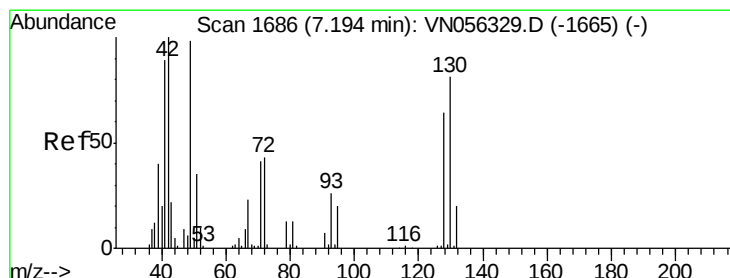
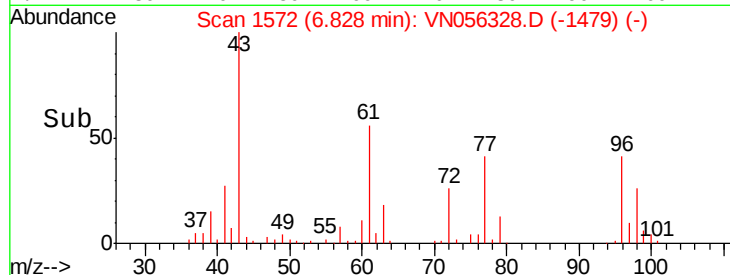
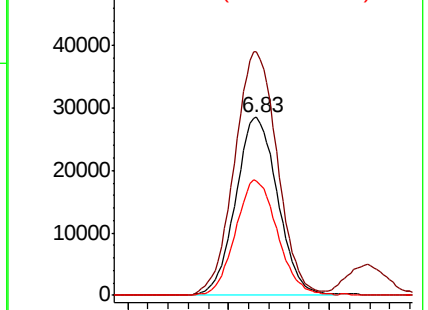
96 100

61 139.5 0.0 278.6

98 64.6 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: 20.126 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VN056328.D

Acq: 17 Jun 2019 9:37

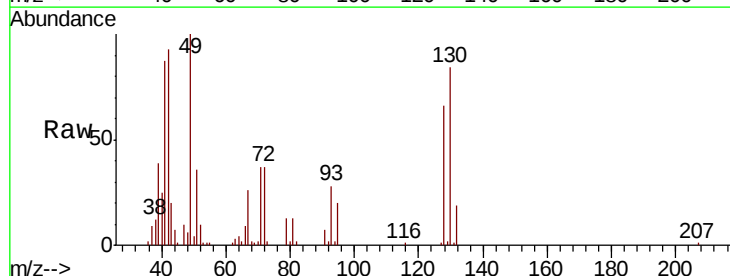
Tgt Ion: 49 Resp: 72008

Ion Ratio Lower Upper

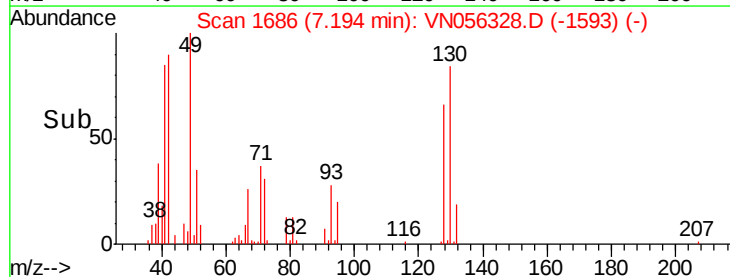
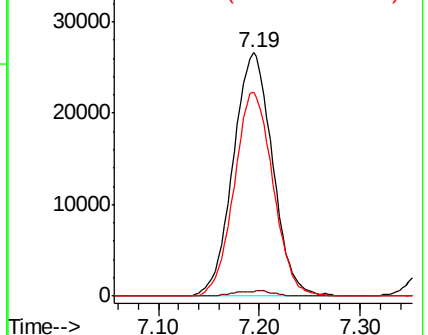
49 100

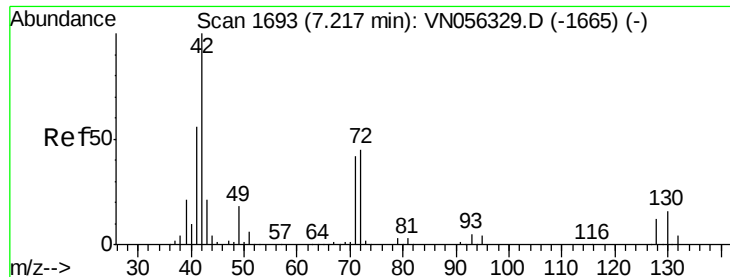
129 1.1 0.0 4.4

130 82.7 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: 93.538 ug/l

RT: 7.22 min Scan# 1693

Delta R.T. 0.00 min

Lab File: VN056328.D

Acq: 17 Jun 2019 9:37

Instrument :

MSVOA_N

ClientSampleId :

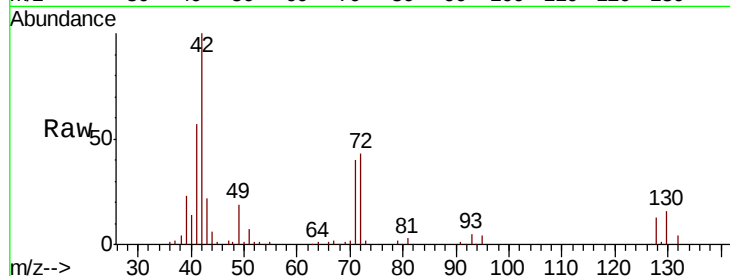
Tot Ion: 42 Resp: 167987

Ion Ratio Lower Upper

42 100

72 42.0 35.3 52.9

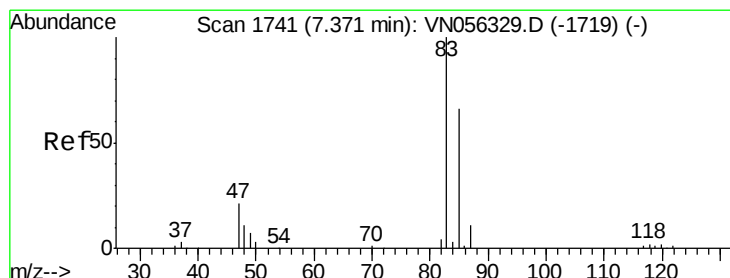
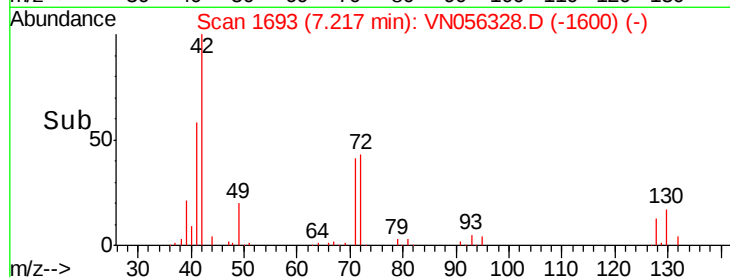
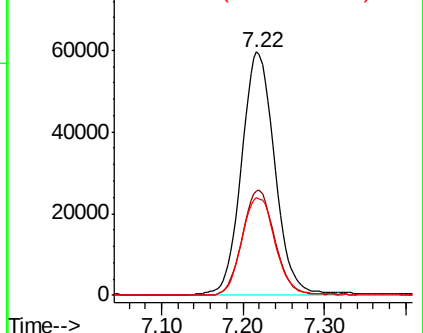
71 40.3 32.7 49.1



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: 17.855 ug/l

RT: 7.37 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VN056328.D

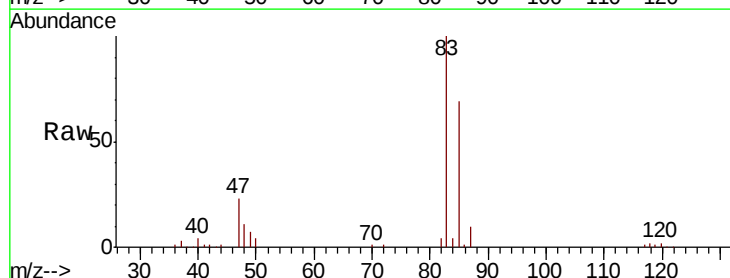
Acq: 17 Jun 2019 9:37

Tgt Ion: 83 Resp: 131568

Ion Ratio Lower Upper

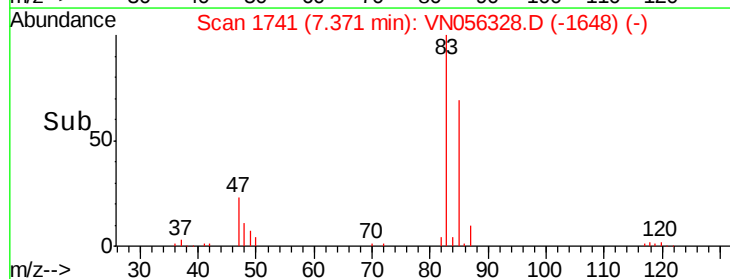
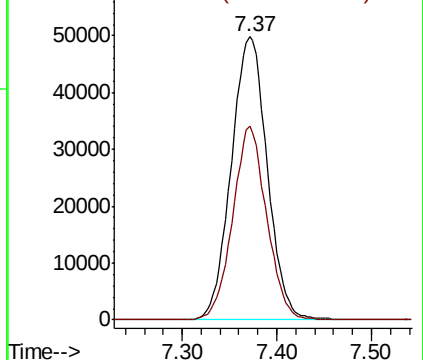
83 100

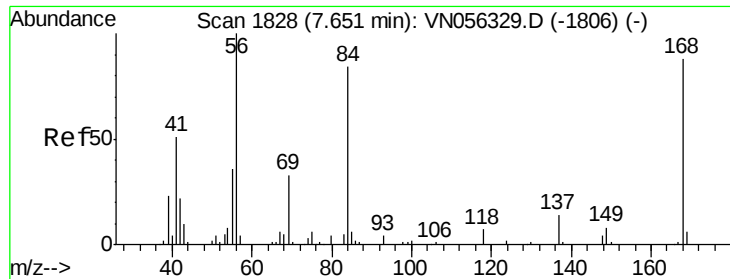
85 68.5 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

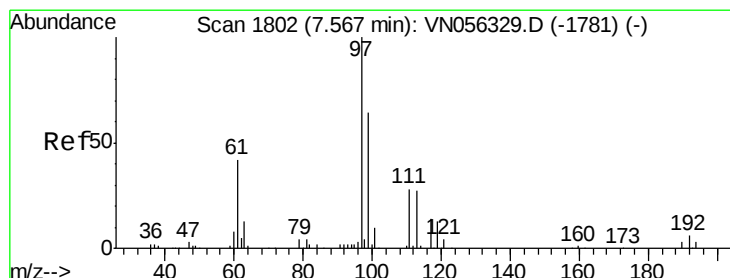
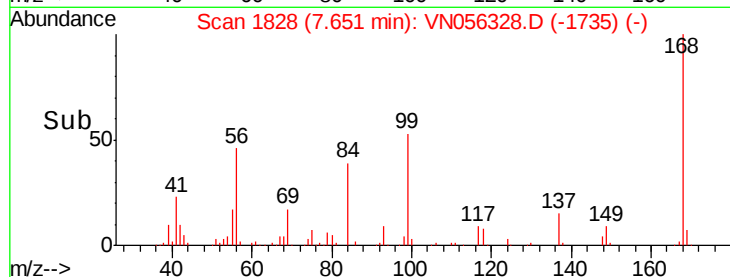
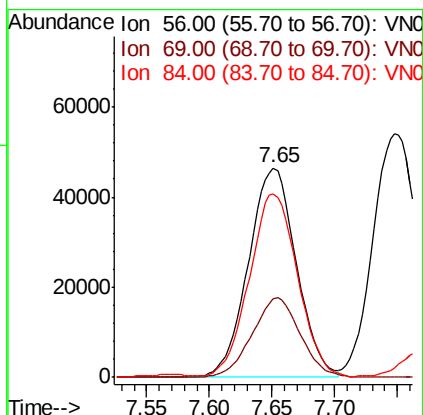
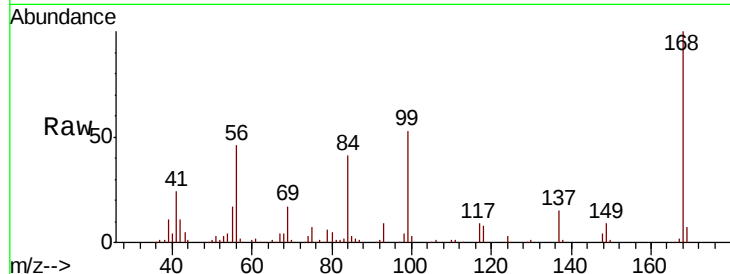




#31
Cyclohexane
Concen: 16.414 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN056328.D
Acq: 17 Jun 2019 9:37

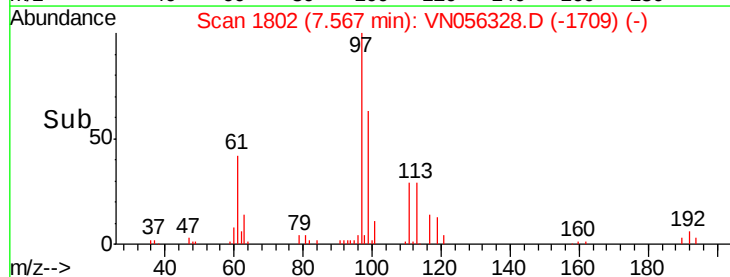
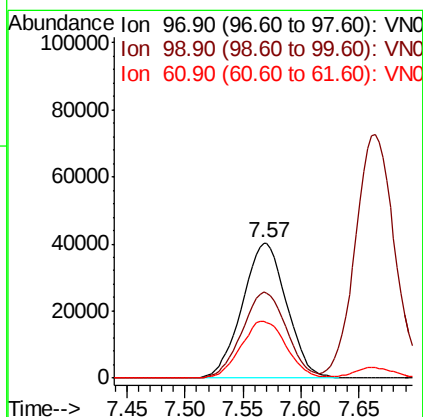
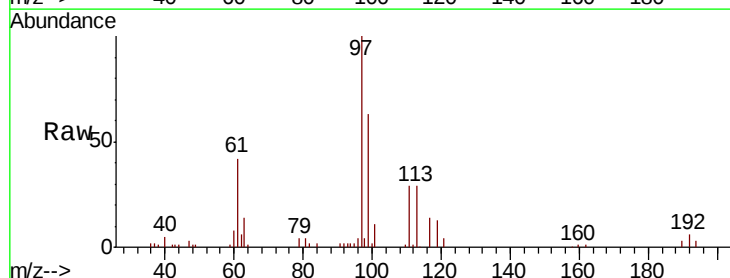
Instrument :
MSVOA_N
ClientSampled :

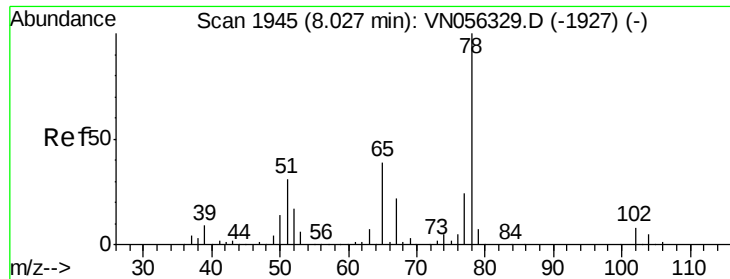
Tot Ion: 56 Resp: 123536
Ion Ratio Lower Upper
56 100
69 37.4 26.0 39.0
84 86.7 67.4 101.0



#32
1,1,1-Trichloroethane
Concen: 17.433 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VN056328.D
Acq: 17 Jun 2019 9:37

Tgt Ion: 97 Resp: 107163
Ion Ratio Lower Upper
97 100
99 63.7 51.4 77.0
61 43.1 34.4 51.6





#33

1,2-Dichloroethane-d4

Concen: 17.351 ug/l

RT: 8.02 min Scan# 1944

Delta R.T. -0.00 min

Lab File: VN056328.D

Acq: 17 Jun 2019 9:37

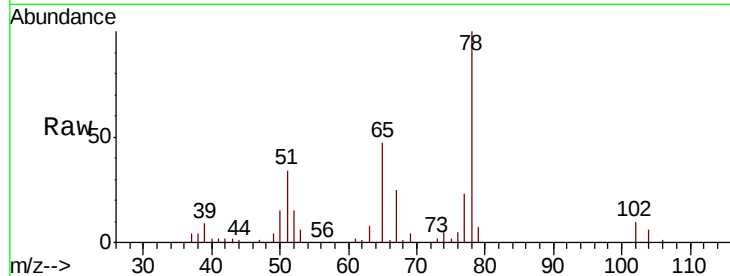
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 65 Resp: 83170

Ion Ratio Lower Upper

65 100

67 54.9 0.0 110.8



Abundance Ion 64.90 (64.60 to 65.60): VN056328.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN056328.D (-1852) (-)

8.02

40000

30000

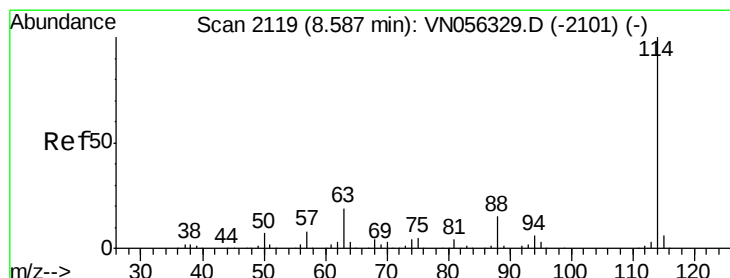
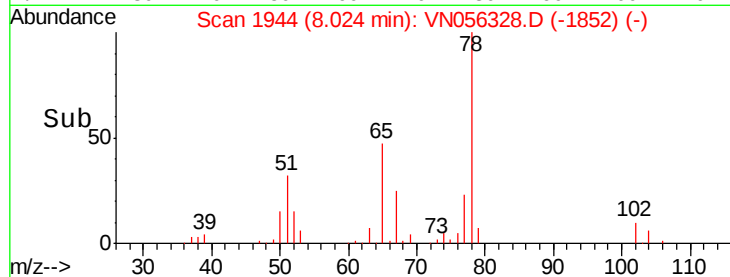
20000

10000

0

7.95 8.00 8.05 8.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN056328.D

Acq: 17 Jun 2019 9:37

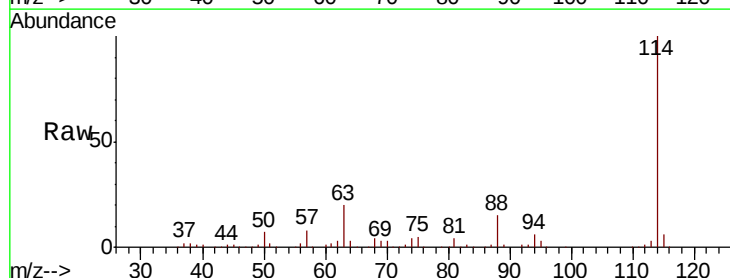
Tgt Ion: 114 Resp: 535691

Ion Ratio Lower Upper

114 100

63 19.7 0.0 38.8

88 15.2 0.0 30.6



Abundance Ion 113.90 (113.60 to 114.60): VN056328.D (-2026) (-)

Ion 63.00 (62.70 to 63.70): VN056328.D (-2026) (-)

Ion 87.90 (87.60 to 88.60): VN056328.D (-2026) (-)

8.59

300000

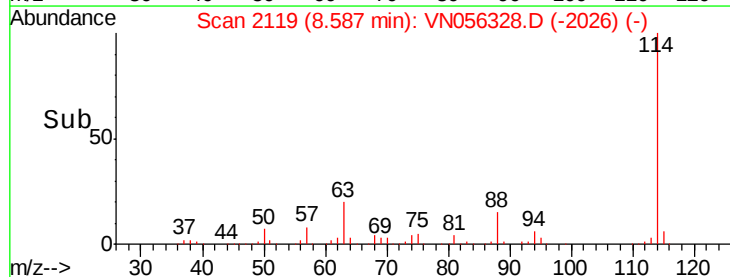
200000

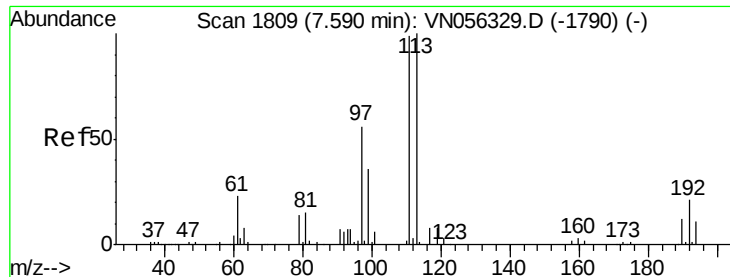
100000

0

8.50 8.60 8.70 8.80

Time-->

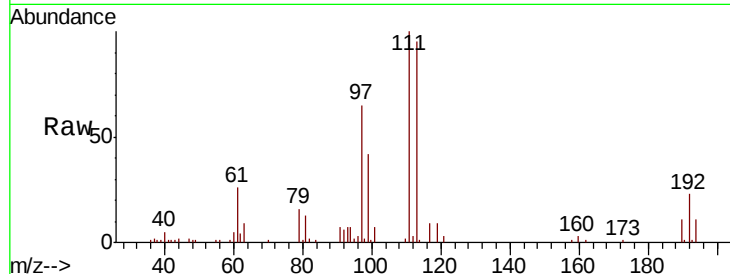




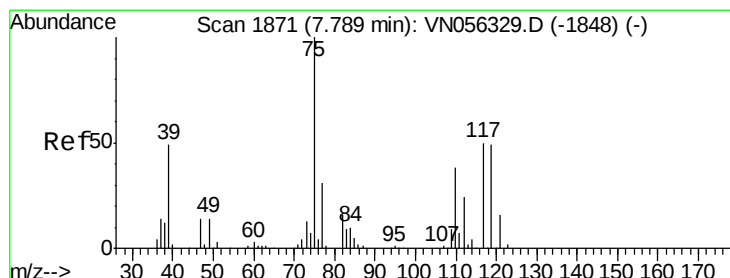
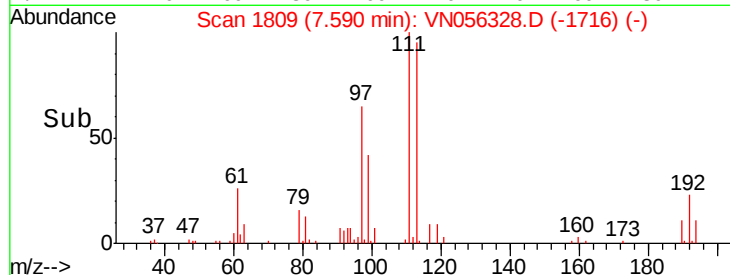
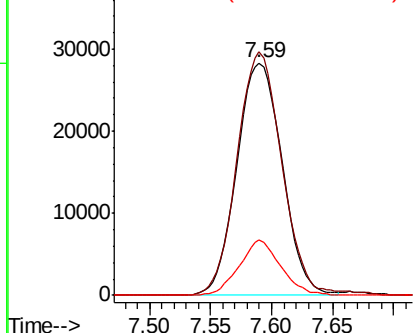
#35
 Dibromofluoromethane
 Concen: 16.604 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056328.D
 Acq: 17 Jun 2019 9:37

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:113 Resp: 73046
 Ion Ratio Lower Upper
 113 100
 111 103.8 82.1 123.1
 192 21.6 17.6 26.4

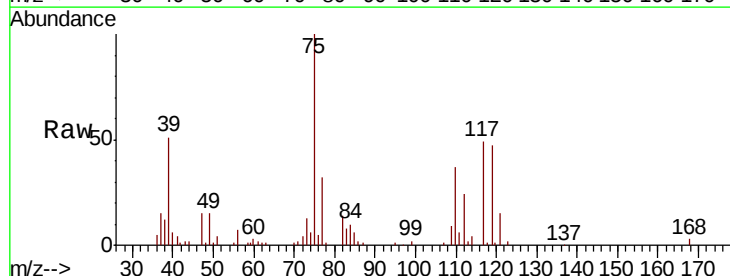


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

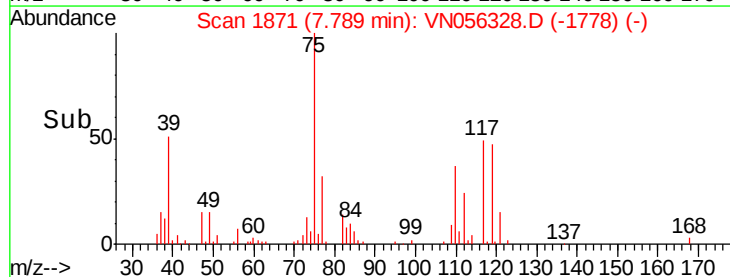
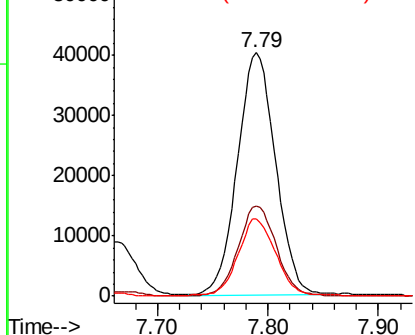


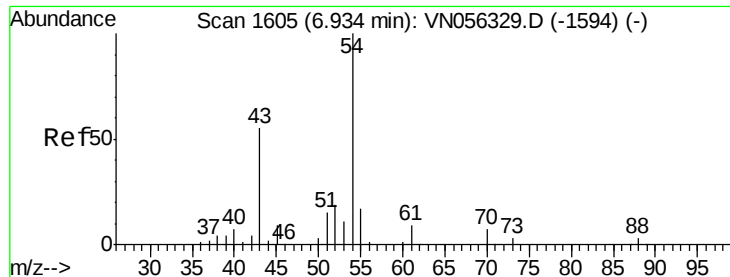
#36
 1,1-Dichloropropene
 Concen: 16.282 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: VN056328.D
 Acq: 17 Jun 2019 9:37

Tgt Ion: 75 Resp: 96605
 Ion Ratio Lower Upper
 75 100
 110 37.2 18.6 56.0
 77 31.4 25.0 37.6



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

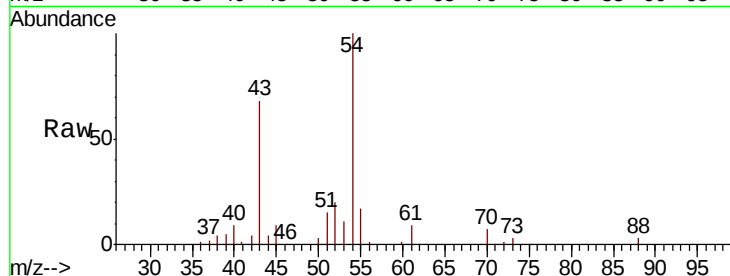




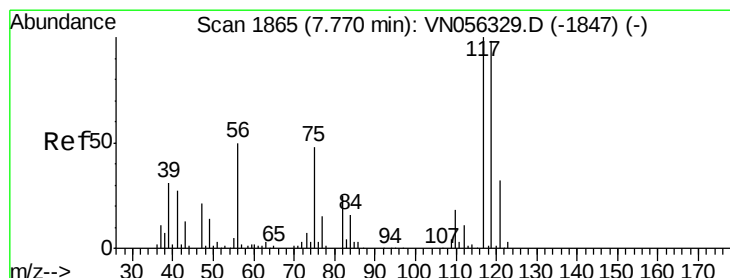
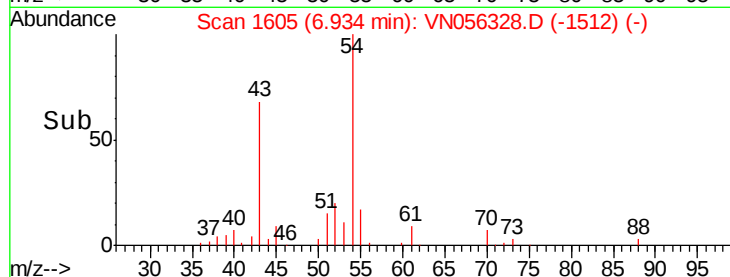
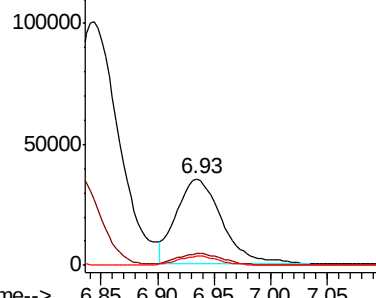
#37
Ethyl Acetate
Concen: 17.717 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VN056328.D
Acq: 17 Jun 2019 9:37

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 98657
Ion Ratio Lower Upper
43 100
61 14.4 11.7 17.5
70 10.1 8.3 12.5

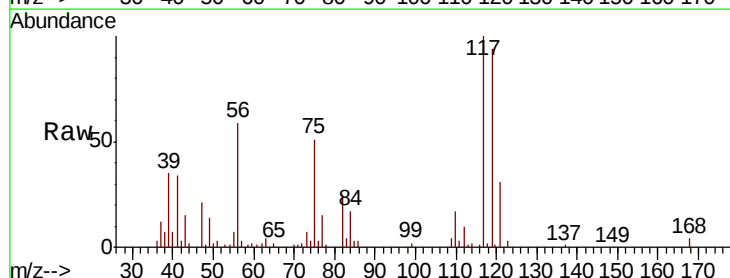


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

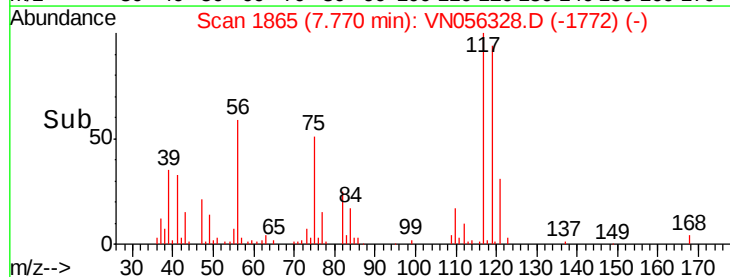
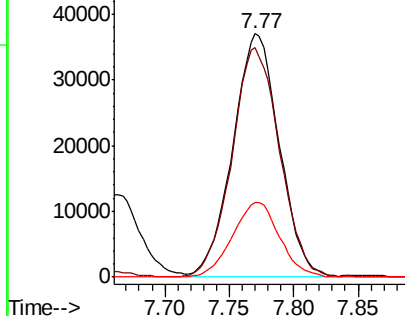


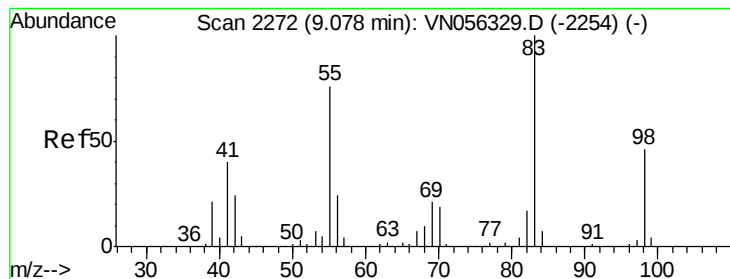
#38
Carbon Tetrachloride
Concen: 16.704 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN056328.D
Acq: 17 Jun 2019 9:37

Tgt Ion: 117 Resp: 92416
Ion Ratio Lower Upper
117 100
119 94.1 77.8 116.8
121 30.8 25.3 37.9



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

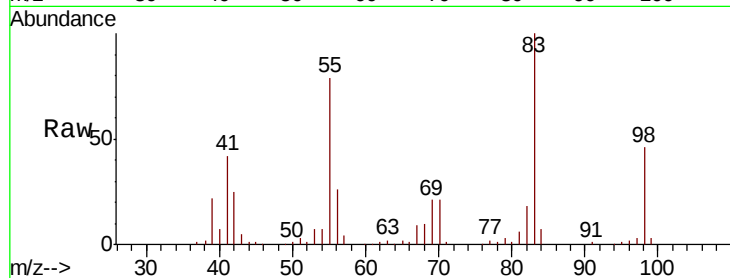




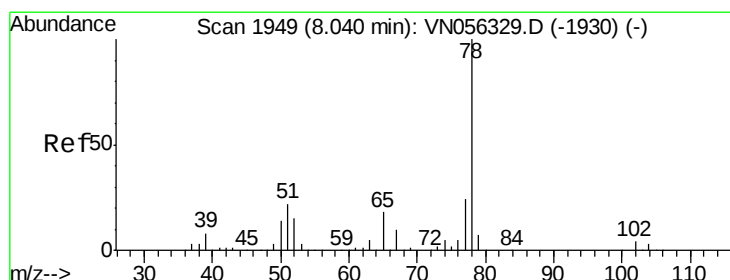
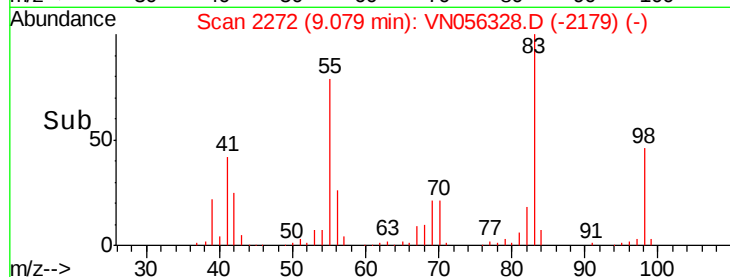
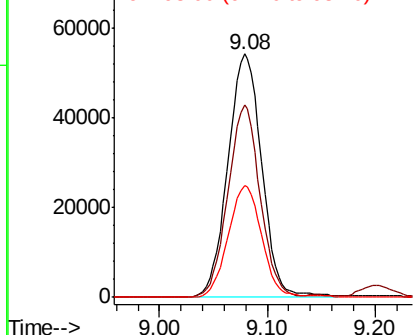
#39
Methvlcvclohexane
Concen: 16.231 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN056328.D
Acq: 17 Jun 2019 9:37

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 83 Resp: 119262
Ion Ratio Lower Upper
83 100
55 79.2 60.8 91.2
98 45.8 36.8 55.2

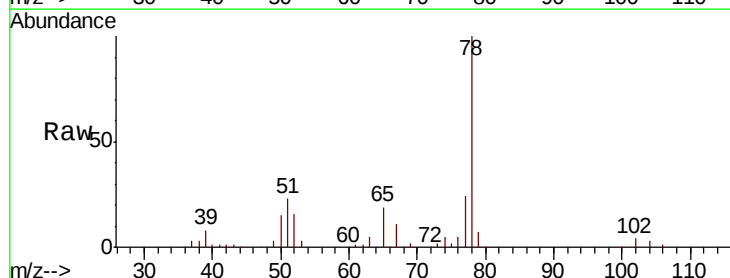


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

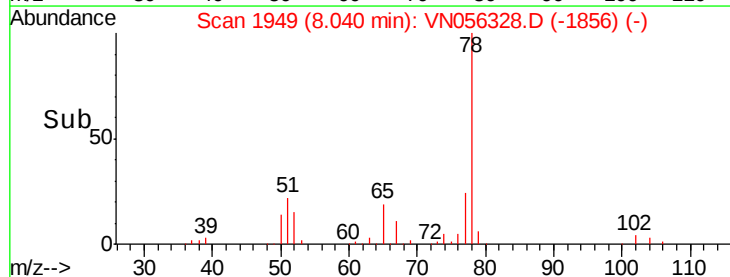
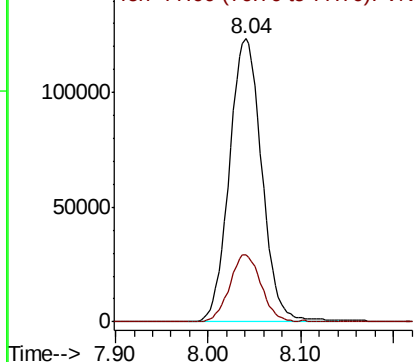


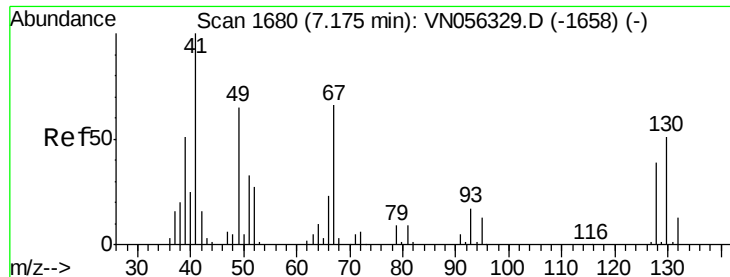
#40
Benzene
Concen: 16.658 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN056328.D
Acq: 17 Jun 2019 9:37

Tgt Ion: 78 Resp: 299814
Ion Ratio Lower Upper
78 100
77 23.8 19.2 28.8



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

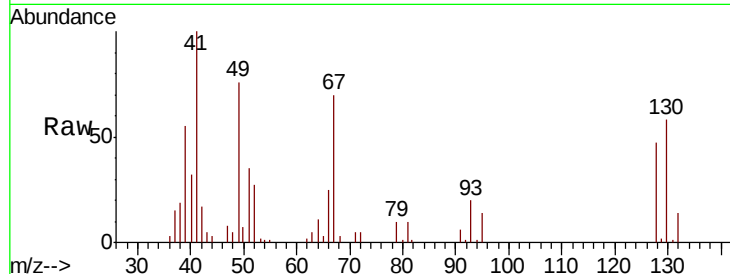




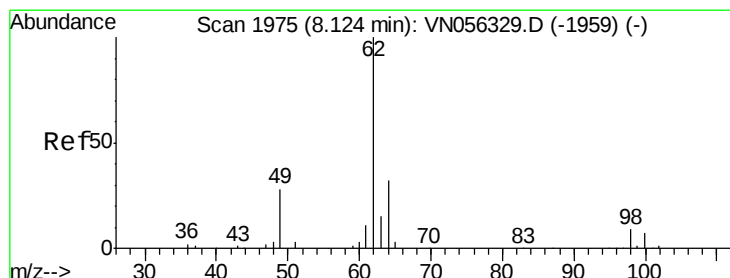
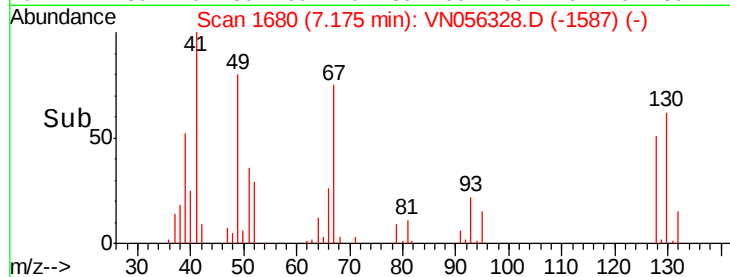
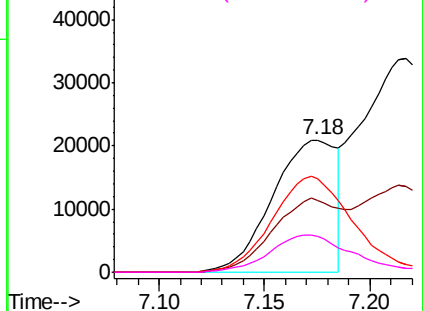
#41
Methacrylonitrile
Concen: 16.861 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VN056328.D
Acq: 17 Jun 2019 9:37

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:	41	Resp:	44077
Ion	Ratio	Lower	Upper
41	100		
39	58.8	44.5	66.7
67	93.2	69.0	103.4
52	36.8	28.1	42.1

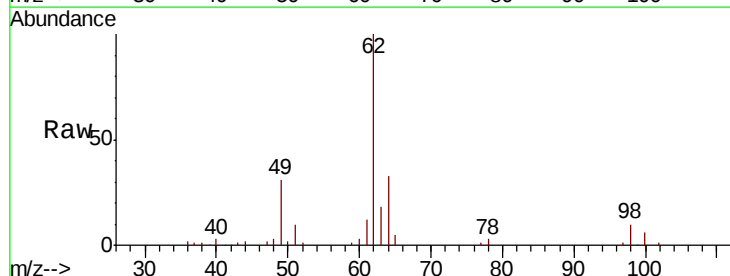


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

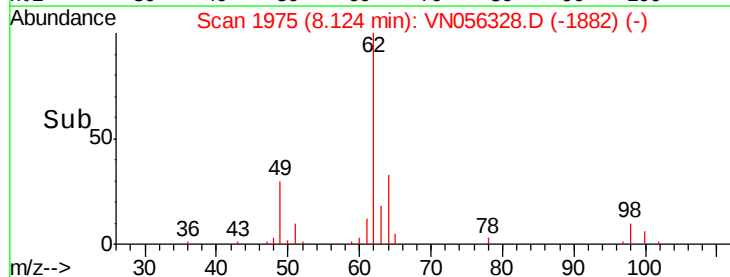
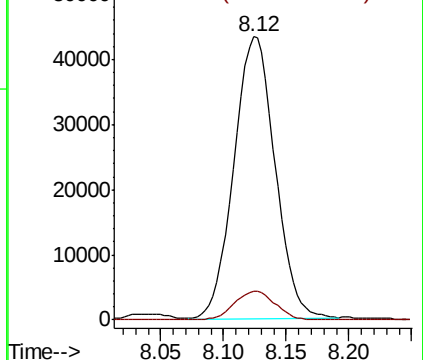


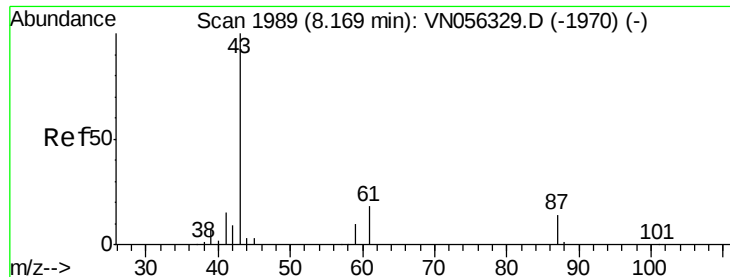
#42
1,2-Dichloroethane
Concen: 16.957 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN056328.D
Acq: 17 Jun 2019 9:37

Tgt Ion:	62	Resp:	99230
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	19.4



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 16.705 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VN056328.D

Acq: 17 Jun 2019 9:37

Instrument :

MSVOA_N

ClientSampled :

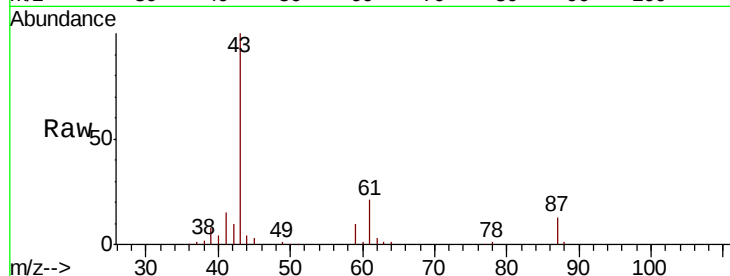
Tot Ion: 43 Resp: 146786

Ion Ratio Lower Upper

43 100

61 21.9 16.6 25.0

87 13.7 11.0 16.4

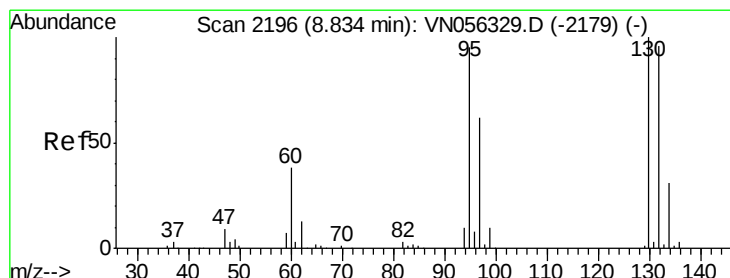
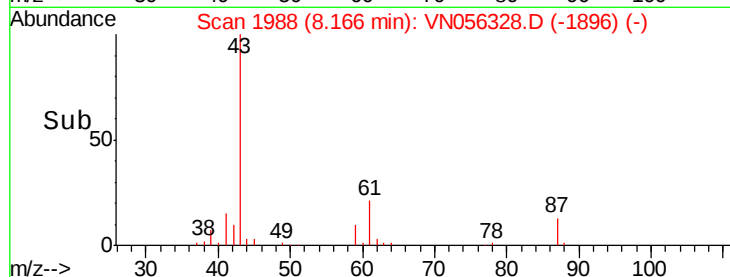


Abundance Ion 43.00 (42.70 to 43.70): VN056328.D (-1988) (-)

Ion 61.00 (60.70 to 61.70): VN056328.D (-1988) (-)

Ion 87.00 (86.70 to 87.70): VN056328.D (-1988) (-)

Time-->



#44

Trichloroethene

Concen: 16.400 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN056328.D

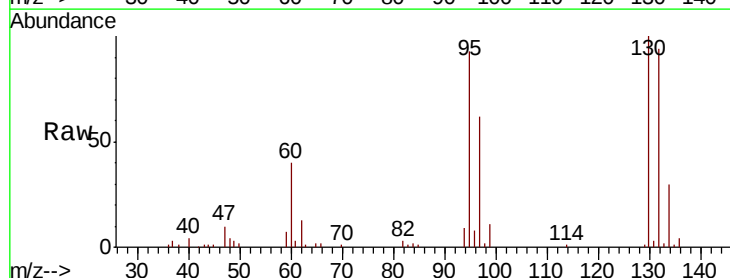
Acq: 17 Jun 2019 9:37

Tgt Ion:130 Resp: 82522

Ion Ratio Lower Upper

130 100

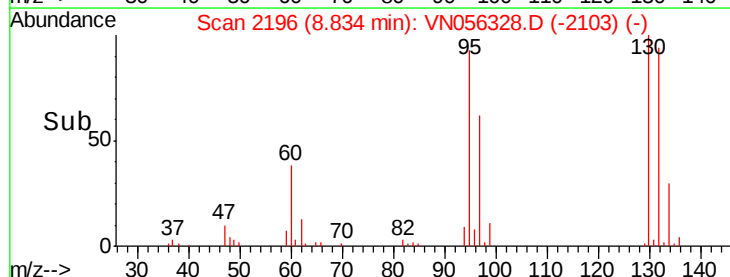
95 93.3 0.0 190.4

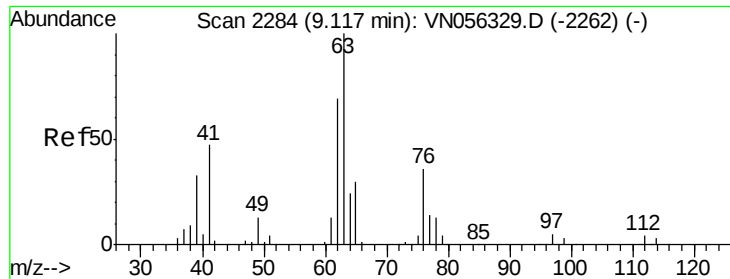


Abundance Ion 129.80 (129.50 to 130.50): VN056328.D (-2196) (-)

Ion 94.90 (94.60 to 95.60): VN056328.D (-2196) (-)

Time-->

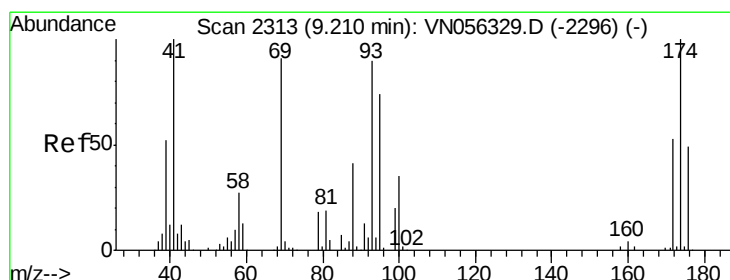
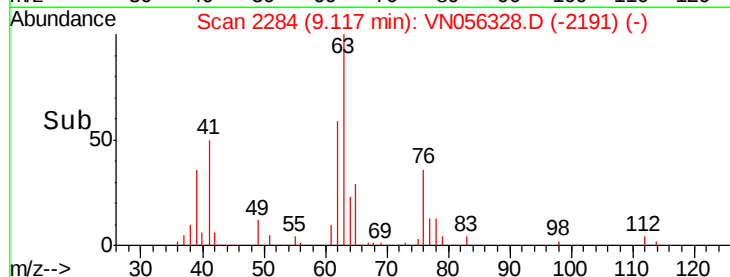
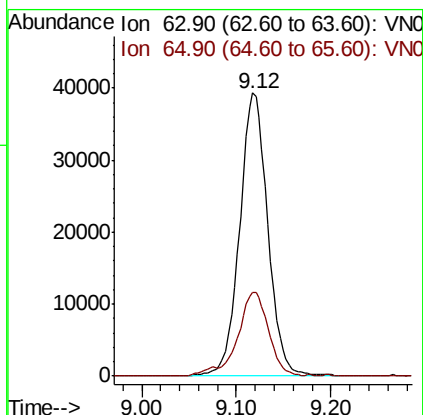
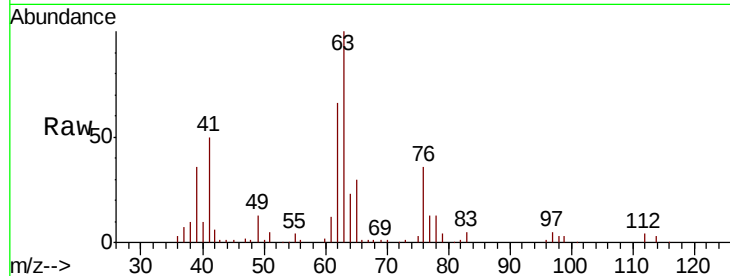




#45
 1,2-Dichloropropane
 Concen: 17.298 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN056328.D
 Acq: 17 Jun 2019 9:37

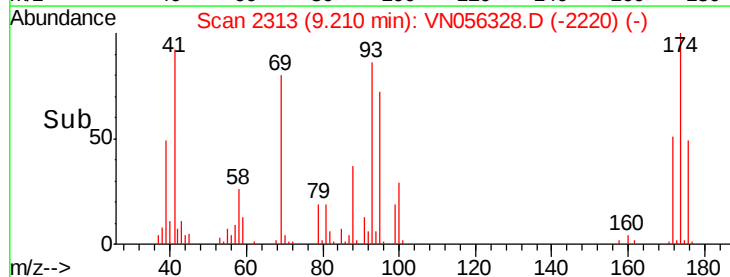
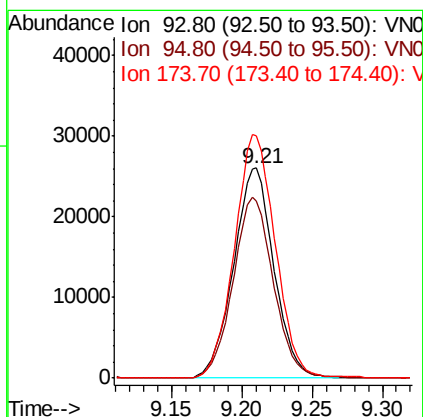
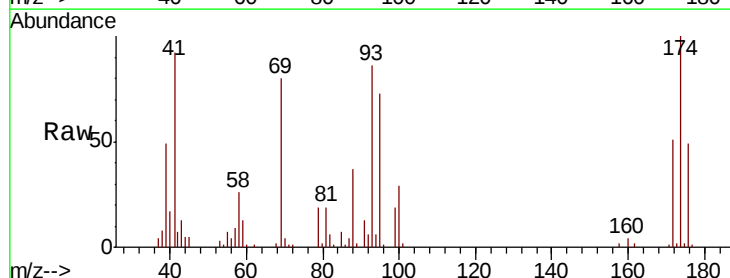
Instrument :
 MSVOA_N
 ClientSampleId :

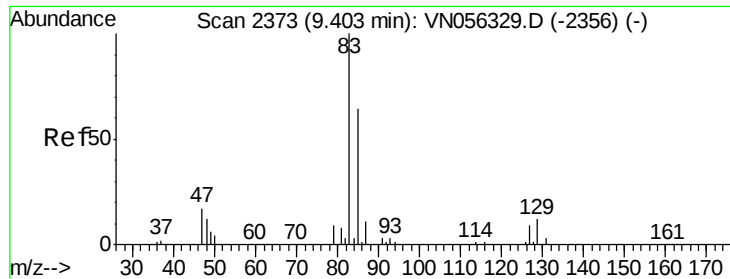
Tot Ion: 63 Resp: 81353
 Ion Ratio Lower Upper
 63 100
 65 29.5 24.4 36.6



#46
 Dibromomethane
 Concen: 16.972 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN056328.D
 Acq: 17 Jun 2019 9:37

Tgt Ion: 93 Resp: 52268
 Ion Ratio Lower Upper
 93 100
 95 85.9 67.2 100.8
 174 117.5 90.3 135.5





#47

Bromodichloromethane

Concen: 17.342 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN056328.D

Acq: 17 Jun 2019 9:37

Instrument :

MSVOA_N

ClientSampleId :

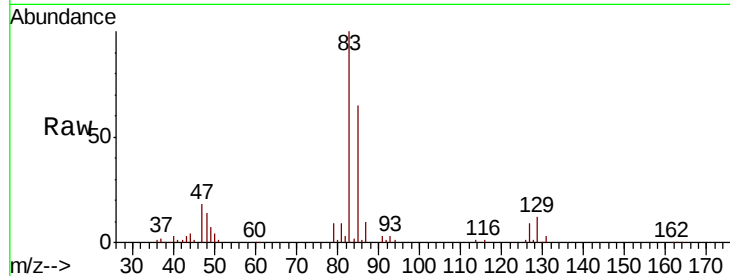
Tot Ion: 83 Resp: 99212

Ion Ratio Lower Upper

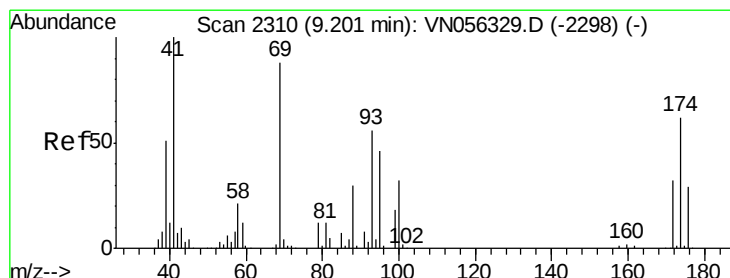
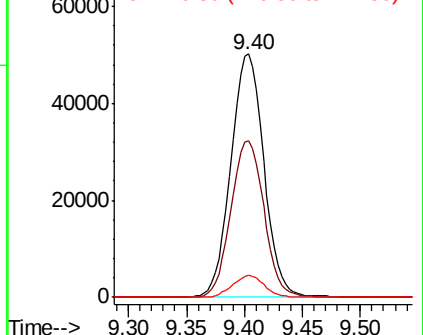
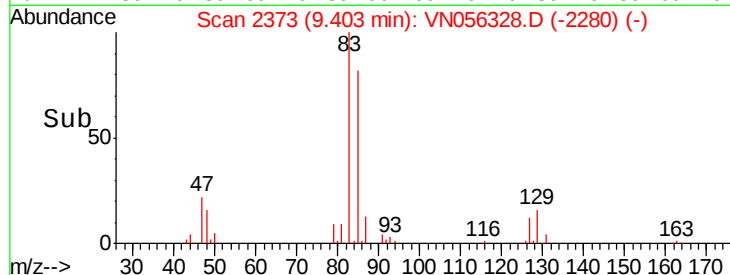
83 100

85 64.6 51.1 76.7

127 9.0 7.1 10.7



Abundance Ion 82.90 (82.60 to 83.60): VN056328.D (-2280) (-)



#48

Methyl methacrylate

Concen: 16.844 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN056328.D

Acq: 17 Jun 2019 9:37

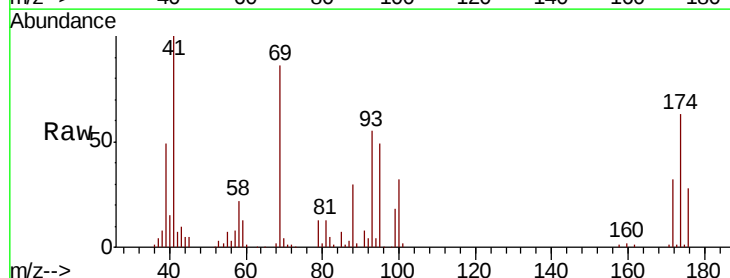
Tgt Ion: 41 Resp: 73878

Ion Ratio Lower Upper

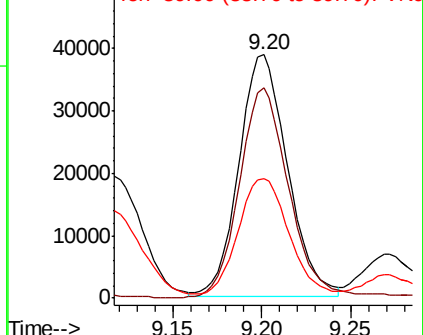
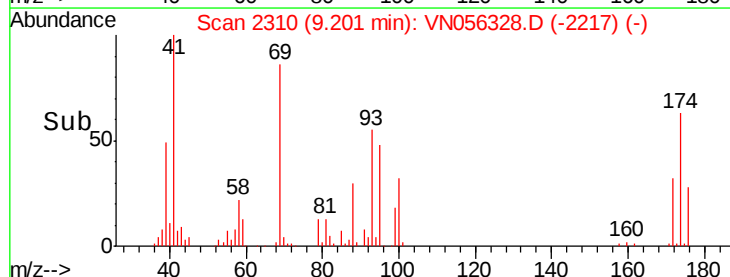
41 100

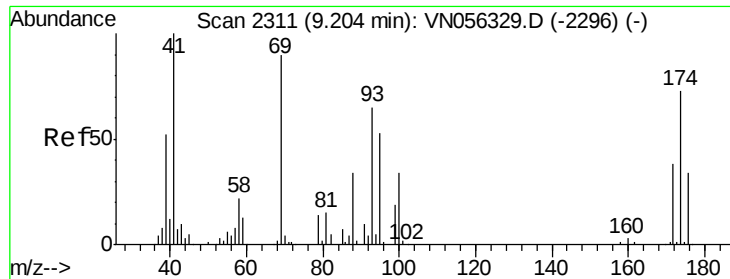
69 89.5 71.0 106.6

39 52.0 41.7 62.5



Abundance Ion 41.00 (40.70 to 41.70): VN056328.D (-2217) (-)

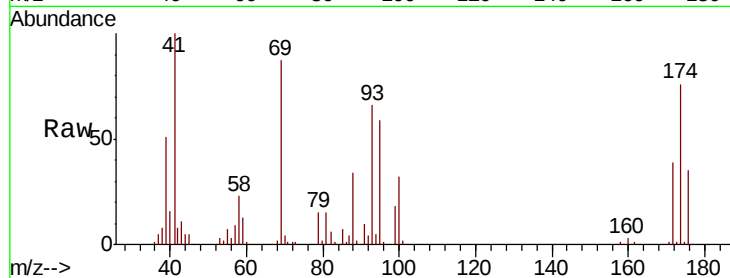




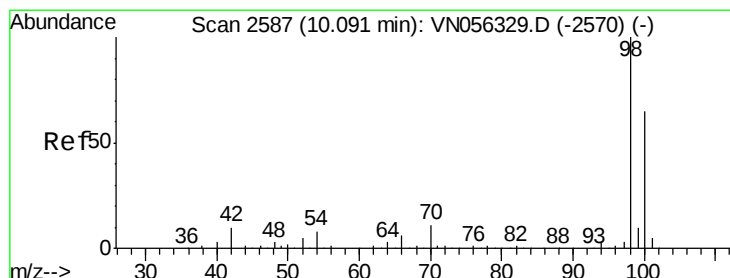
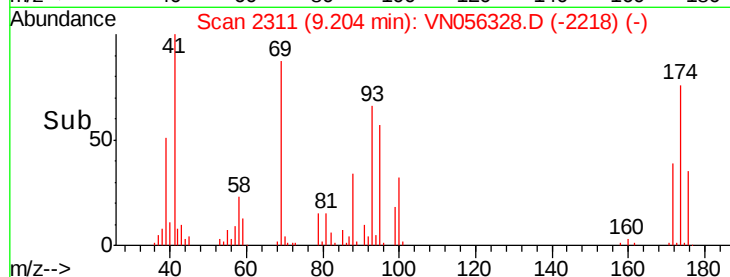
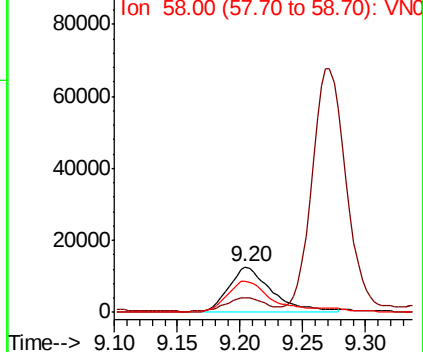
#49
1,4-Dioxane
Concen: 331.337 ug/l
RT: 9.20 min Scan# 2311
Delta R.T. 0.00 min
Lab File: VN056328.D
Acq: 17 Jun 2019 9:37

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 88 Resp: 30399
Ion Ratio Lower Upper
88 100
43 26.8 21.9 32.9
58 69.6 57.3 85.9

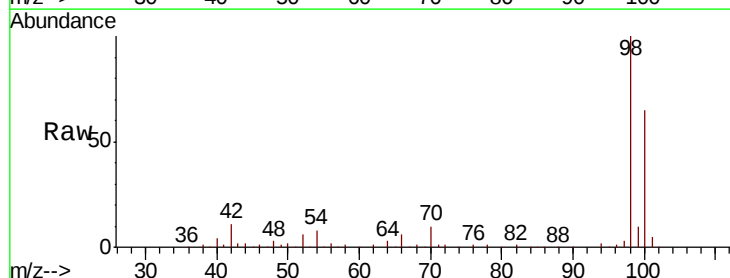


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

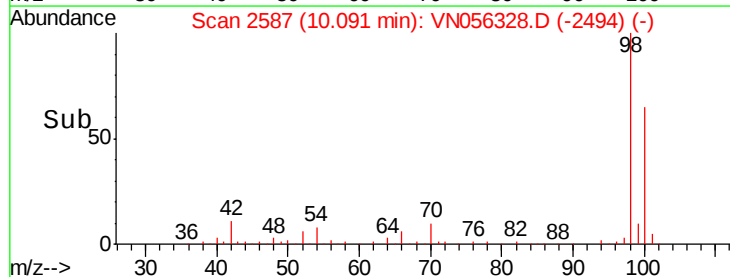
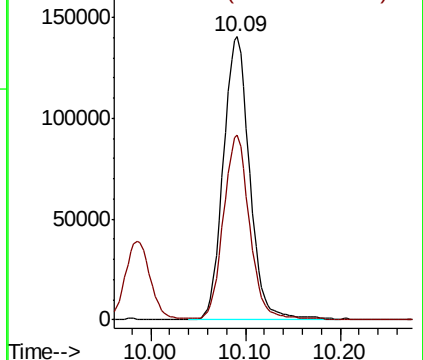


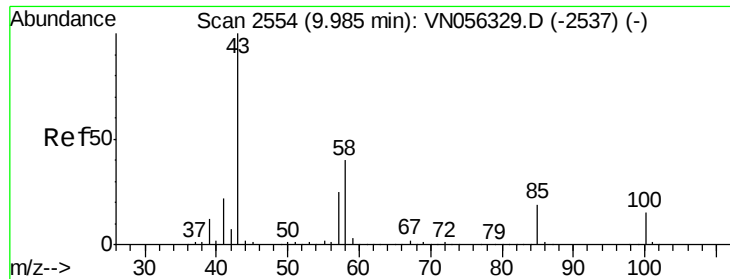
#50
Toluene-d8
Concen: 16.173 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN056328.D
Acq: 17 Jun 2019 9:37

Tgt Ion: 98 Resp: 272905
Ion Ratio Lower Upper
98 100
100 64.0 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: 86.121 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN056328.D

Acq: 17 Jun 2019 9:37

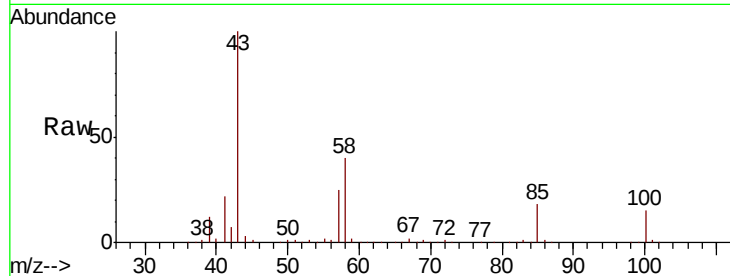
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 482494

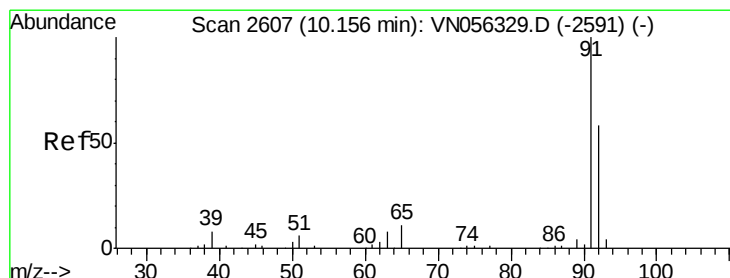
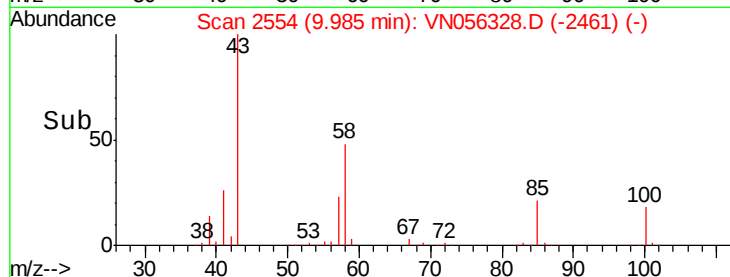
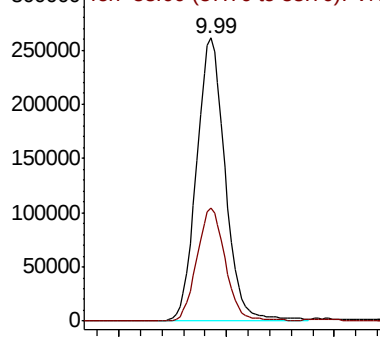
Ion Ratio Lower Upper

43 100

58 39.8 31.8 47.6



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 16.378 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. -0.00 min

Lab File: VN056328.D

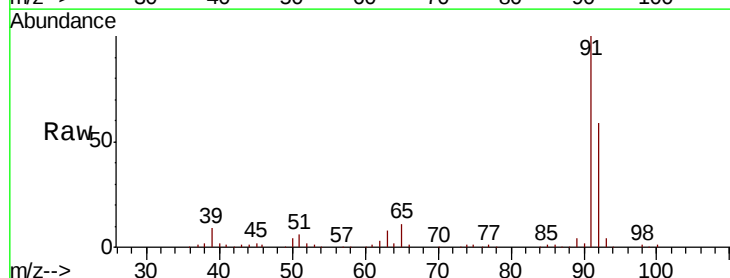
Acq: 17 Jun 2019 9:37

Tgt Ion: 92 Resp: 183151

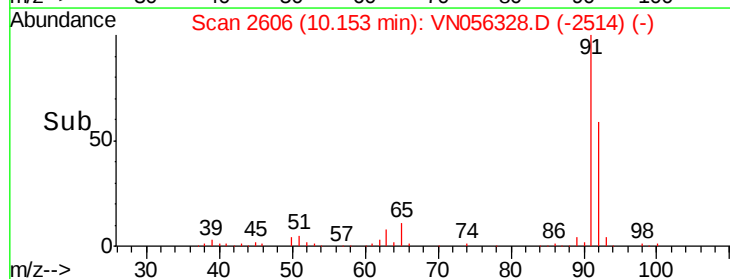
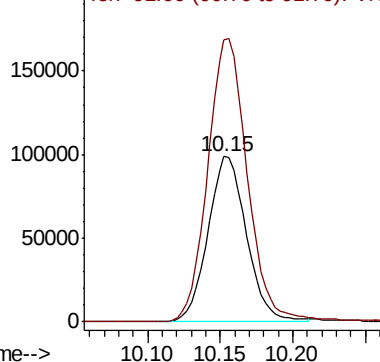
Ion Ratio Lower Upper

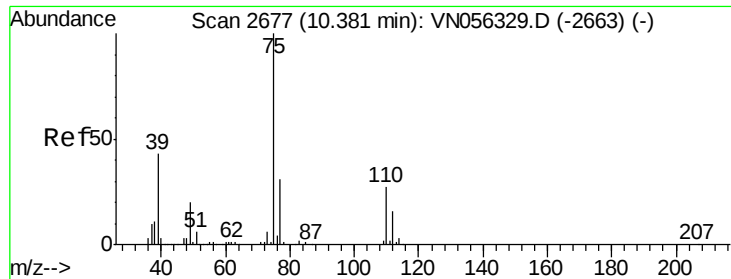
92 100

91 176.6 139.1 208.7



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





#53

t-1,3-Dichloropropene

Concen: 16.402 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN056328.D

Acq: 17 Jun 2019 9:37

Instrument :

MSVOA_N

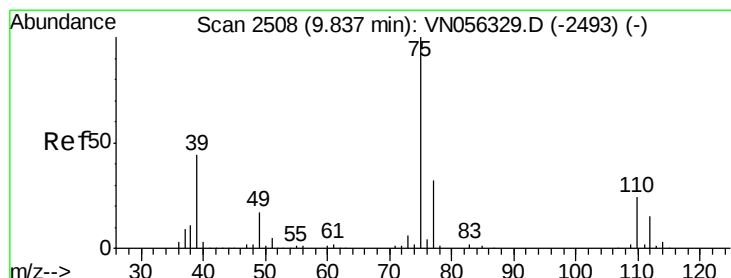
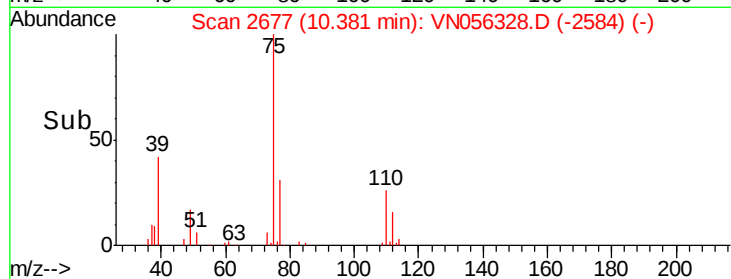
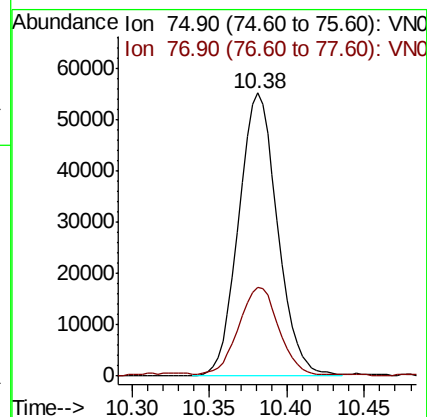
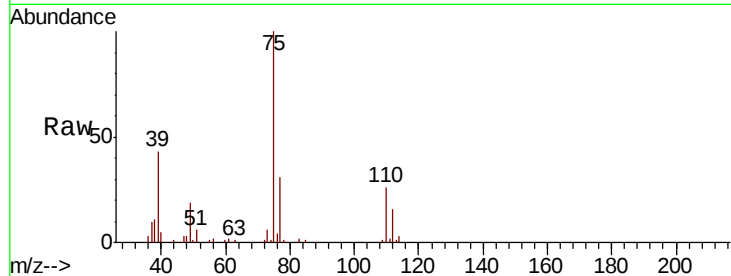
ClientSampled :

Tot Ion: 75 Resp: 96713

Ion Ratio Lower Upper

75 100

77 30.6 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 17.238 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. 0.00 min

Lab File: VN056328.D

Acq: 17 Jun 2019 9:37

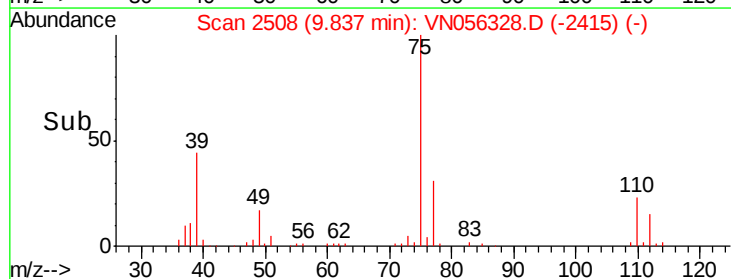
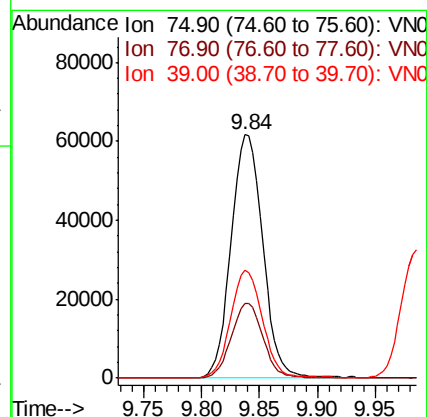
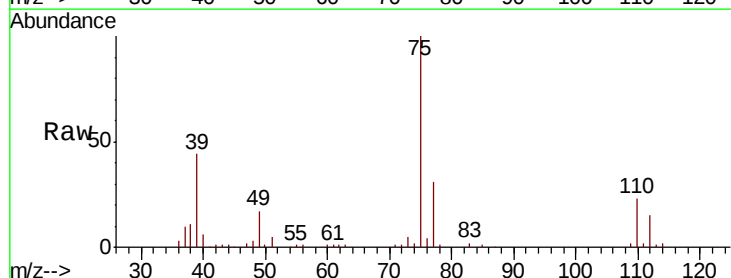
Tgt Ion: 75 Resp: 116766

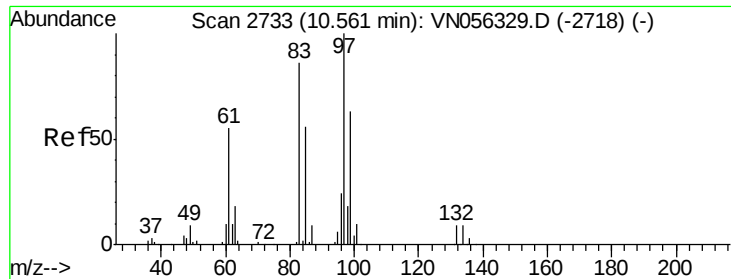
Ion Ratio Lower Upper

75 100

77 30.7 25.7 38.5

39 44.4 35.4 53.0

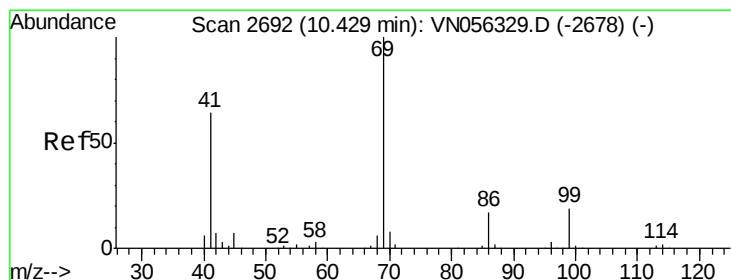
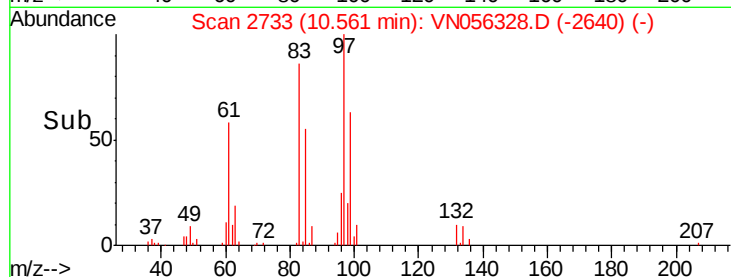
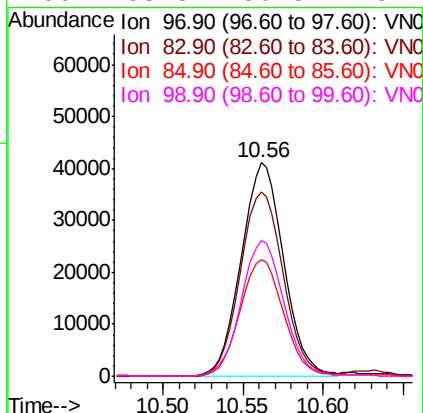
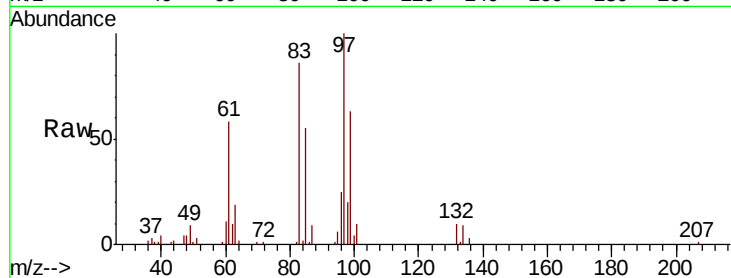




#55
 1,1,2-Trichloroethane
 Concen: 16.780 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN056328.D
 Acq: 17 Jun 2019 9:37

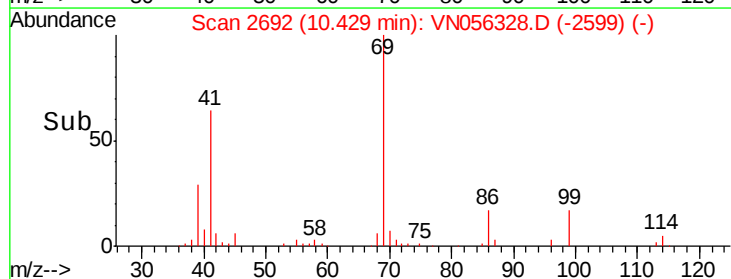
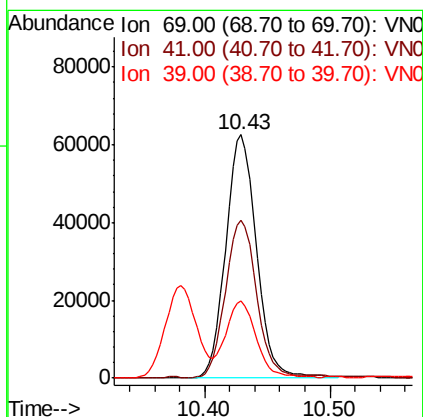
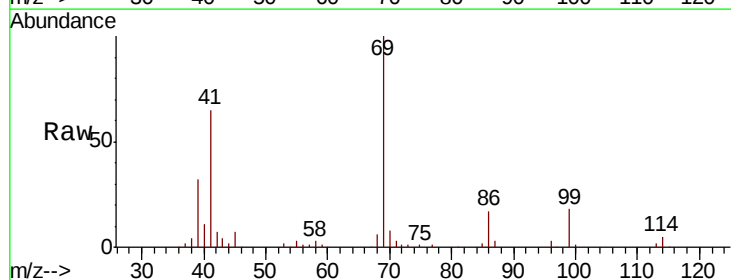
Instrument :
 MSVOA_N
 ClientSampleId :

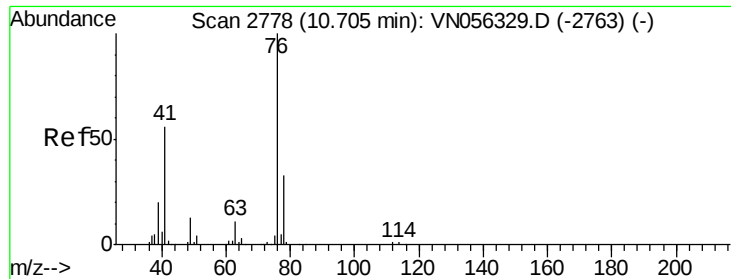
Tot Ion:	97	Resp:	74560
Ion	Ratio	Lower	Upper
97	100		
83	86.4	69.0	103.4
85	54.7	44.6	67.0
99	63.3	50.5	75.7



#56
 Ethyl methacrylate
 Concen: 16.070 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN056328.D
 Acq: 17 Jun 2019 9:37

Tgt Ion:	69	Resp:	106735
Ion	Ratio	Lower	Upper
69	100		
41	65.2	52.0	78.0
39	31.0	24.4	36.6

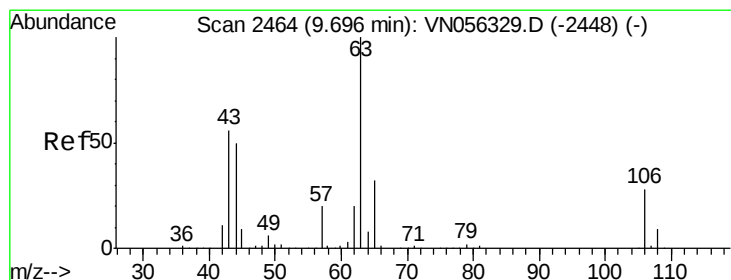
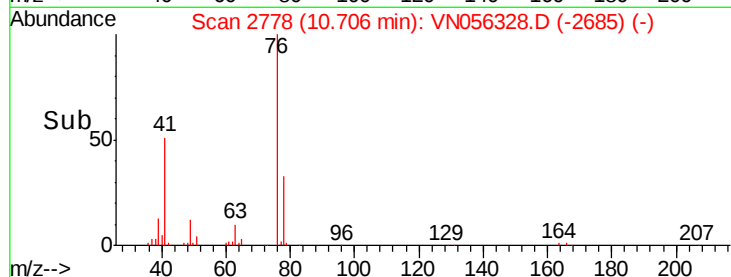
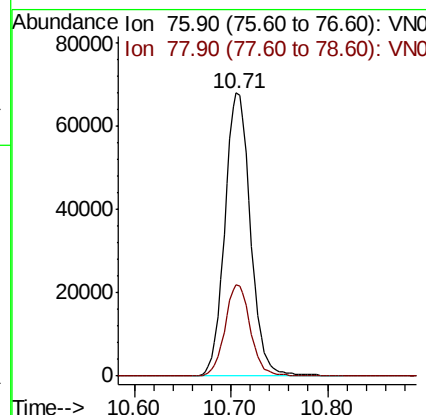
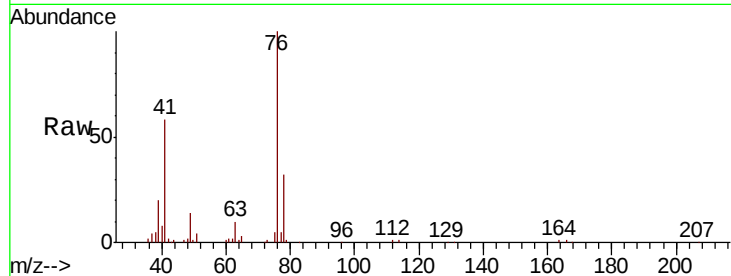




#57
 1,3-Dichloropropane
 Concen: 17.030 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. 0.00 min
 Lab File: VN056328.D
 Acq: 17 Jun 2019 9:37

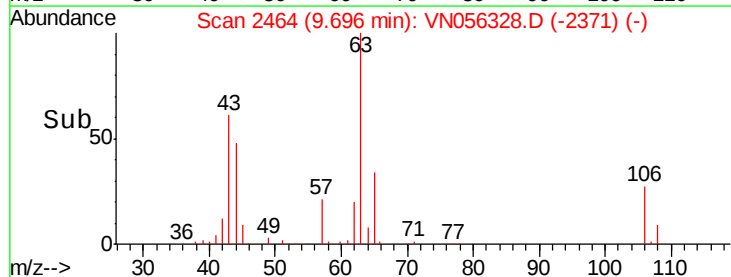
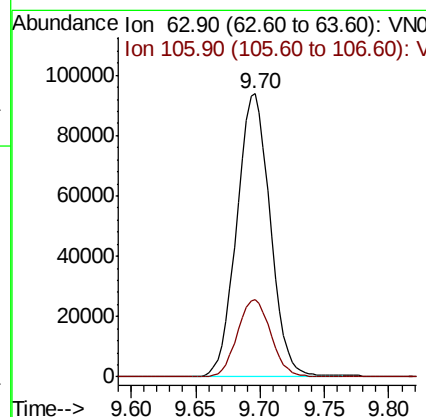
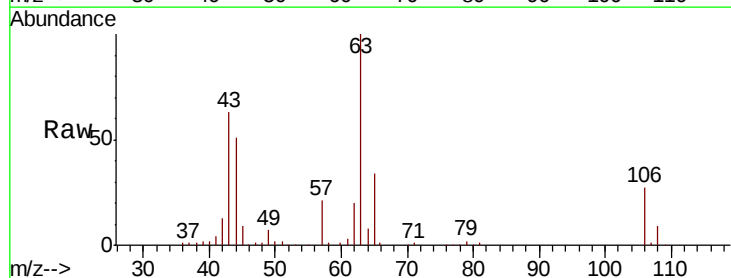
Instrument :
 MSVOA_N
 ClientSampleId :

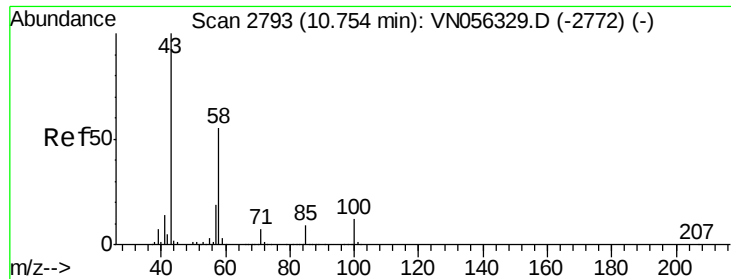
Tot Ion: 76 Resp: 125439
 Ion Ratio Lower Upper
 76 100
 78 32.0 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 75.760 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN056328.D
 Acq: 17 Jun 2019 9:37

Tgt Ion: 63 Resp: 169714
 Ion Ratio Lower Upper
 63 100
 106 27.3 22.2 33.2

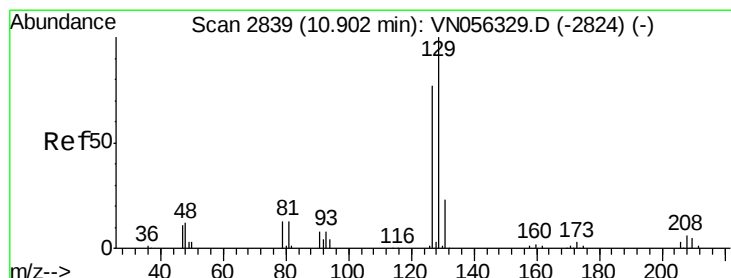
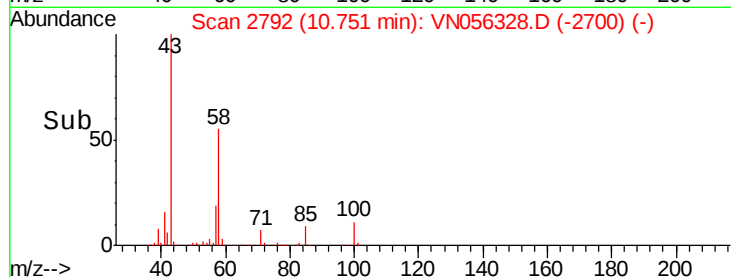
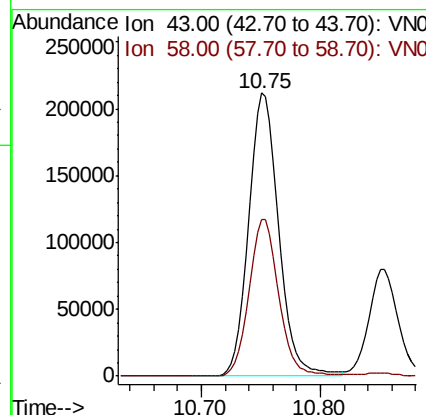
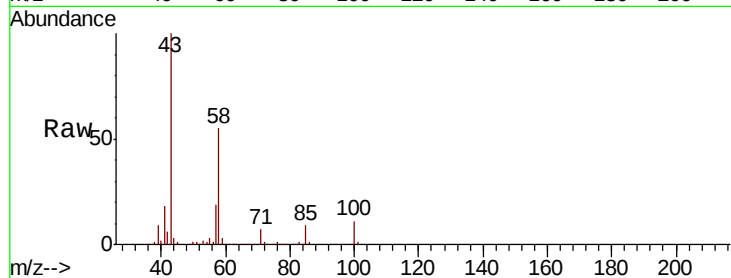




#59
2-Hexanone
Concen: 90.070 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN056328.D
Acq: 17 Jun 2019 9:37

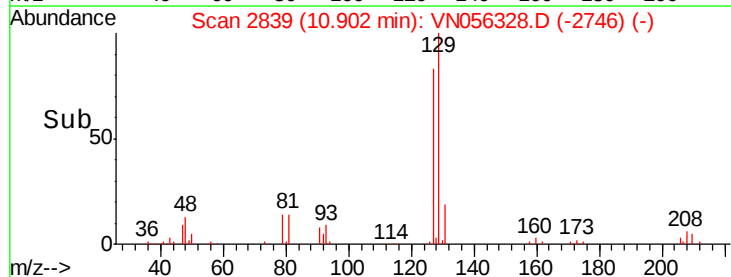
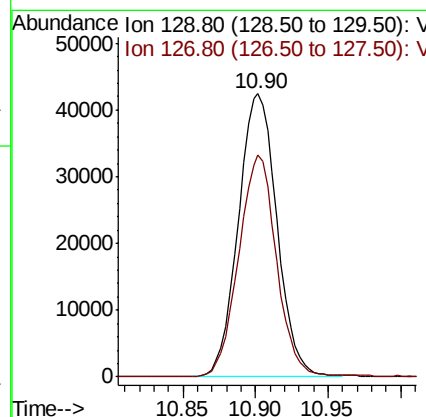
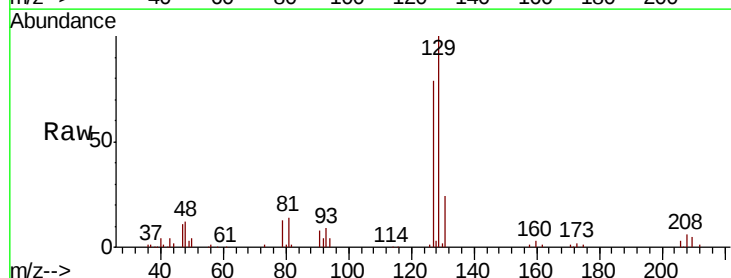
Instrument :
MSVOA_N
ClientSampled :

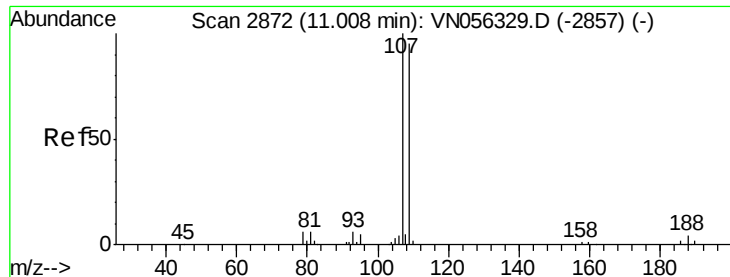
Tot Ion: 43 Resp: 369356
Ion Ratio Lower Upper
43 100
58 55.0 27.8 83.4



#60
Dibromochloromethane
Concen: 17.333 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN056328.D
Acq: 17 Jun 2019 9:37

Tgt Ion: 129 Resp: 78463
Ion Ratio Lower Upper
129 100
127 76.7 38.6 116.0

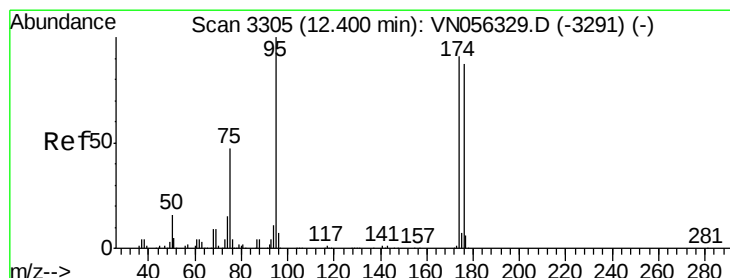
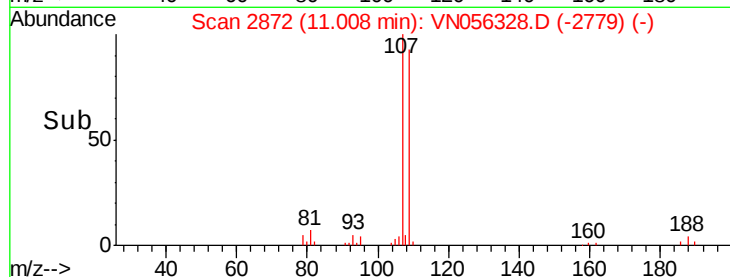
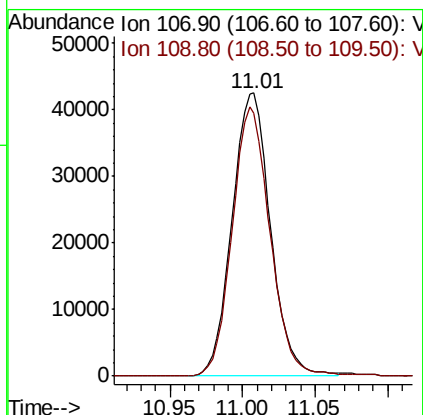
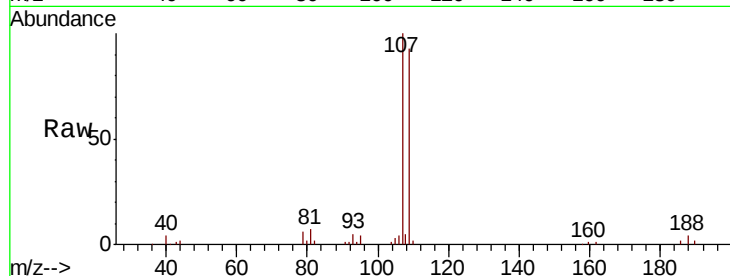




#61
 1,2-Dibromoethane
 Concen: 16.947 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: VN056328.D
 Acq: 17 Jun 2019 9:37

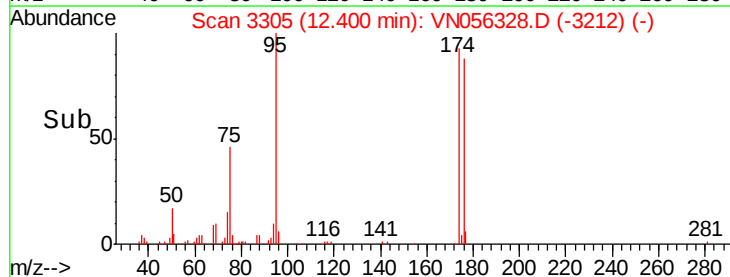
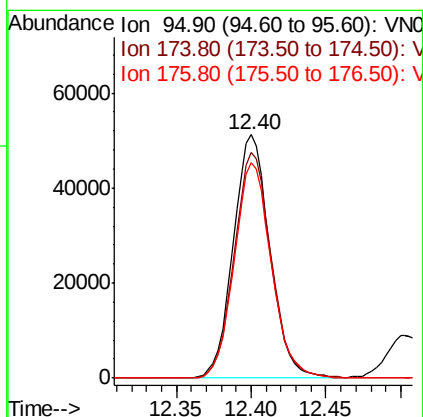
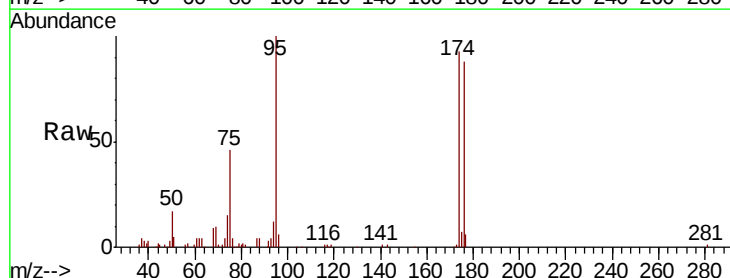
Instrument :
 MSVOA_N
 ClientSampleId :

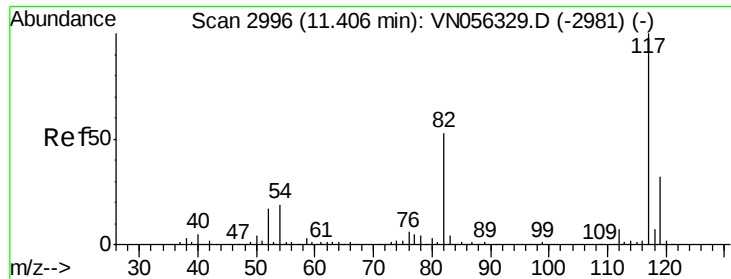
Tot Ion: 107 Resp: 78251
 Ion Ratio Lower Upper
 107 100
 109 93.9 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 15.081 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN056328.D
 Acq: 17 Jun 2019 9:37

Tgt Ion: 95 Resp: 86947
 Ion Ratio Lower Upper
 95 100
 174 94.1 0.0 182.6
 176 89.7 0.0 176.8

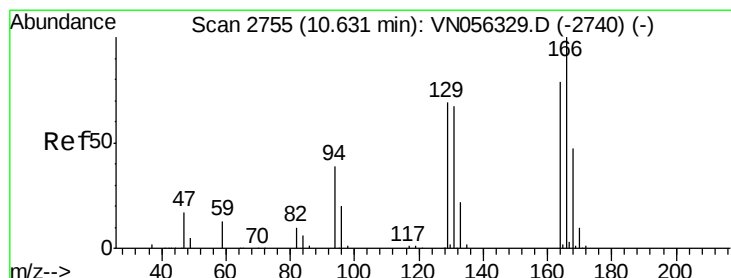
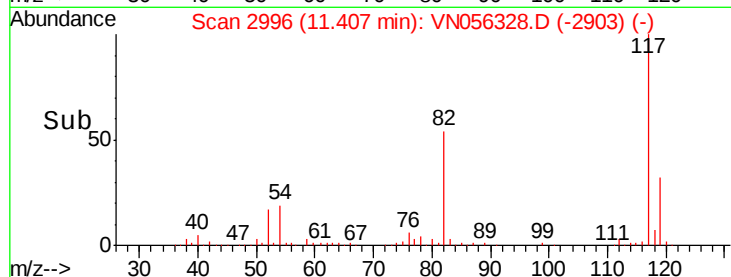
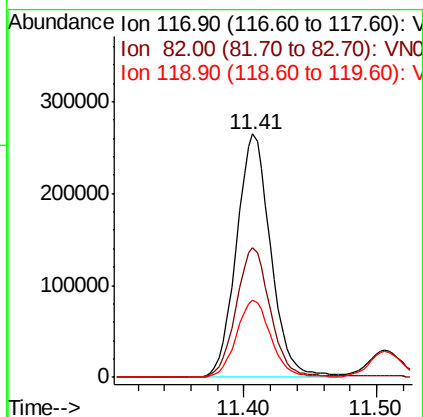
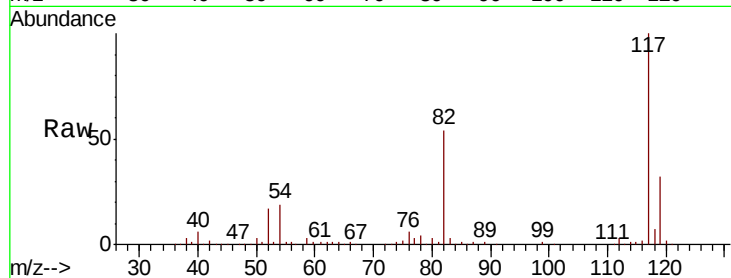




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056328.D
Acq: 17 Jun 2019 9:37

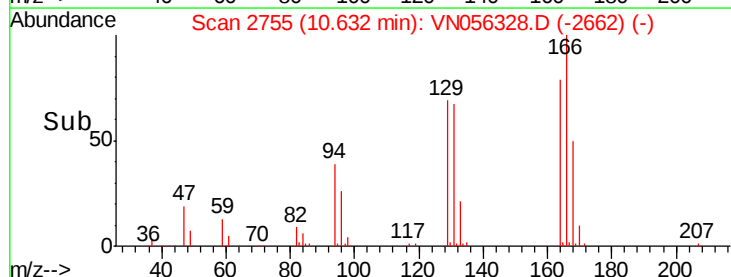
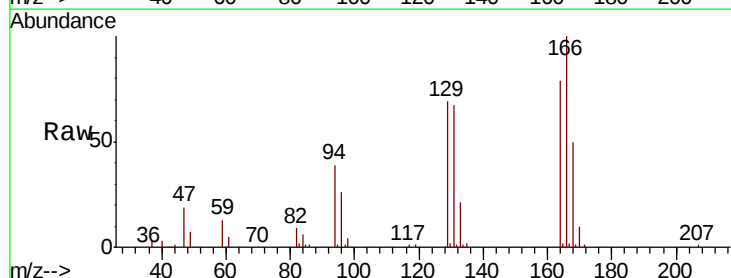
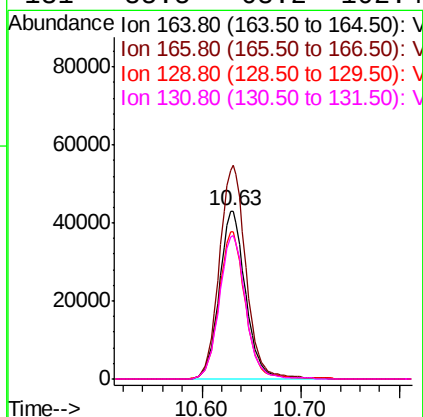
Instrument :
MSVOA_N
ClientSampleId :

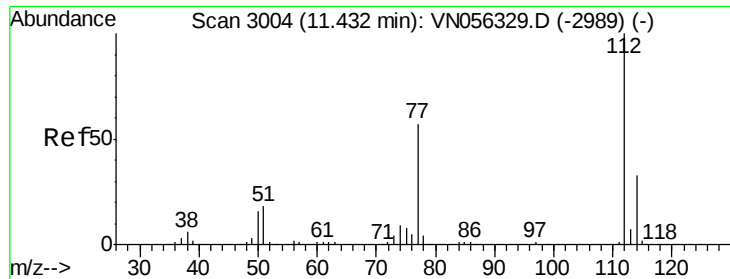
Tot Ion:117 Resp: 474442
Ion Ratio Lower Upper
117 100
82 53.5 42.4 63.6
119 31.7 26.0 39.0



#64
Tetrachloroethene
Concen: 16.190 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN056328.D
Acq: 17 Jun 2019 9:37

Tgt Ion:164 Resp: 80827
Ion Ratio Lower Upper
164 100
166 126.9 101.8 152.6
129 87.4 70.3 105.5
131 85.5 68.2 102.4

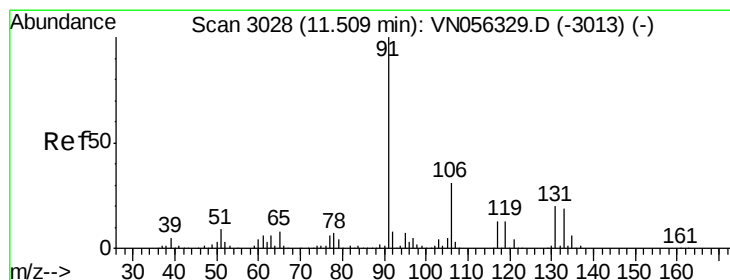
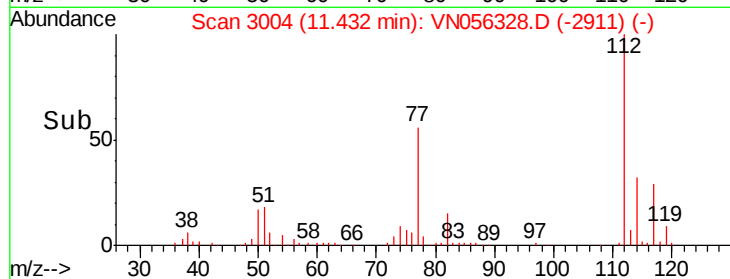
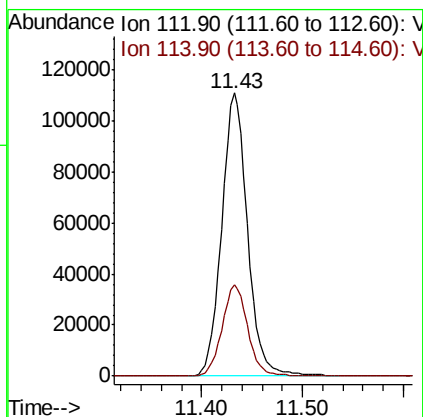
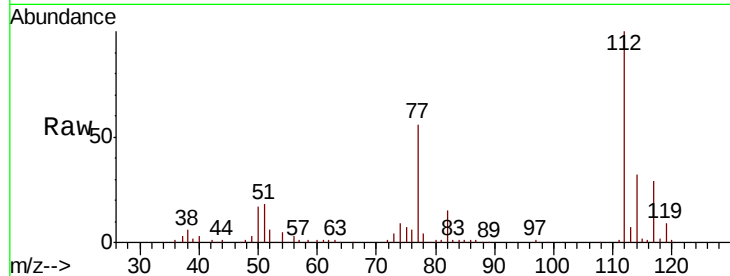




#65
Chlorobenzene
Concen: 16.603 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN056328.D
Acq: 17 Jun 2019 9:37

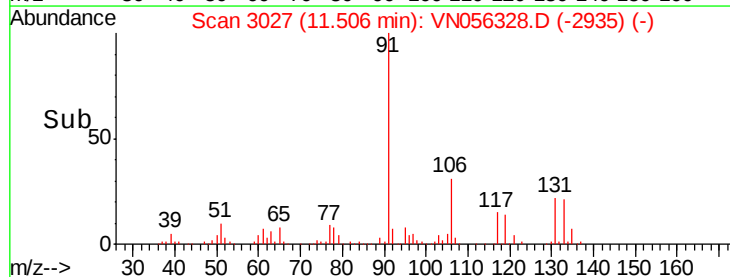
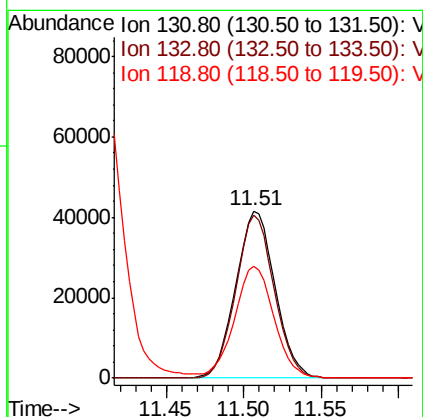
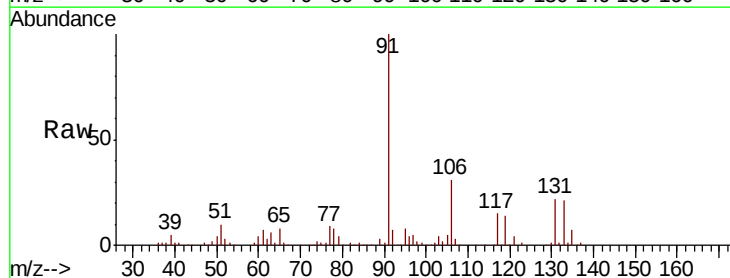
Instrument :
MSVOA_N
ClientSampled :

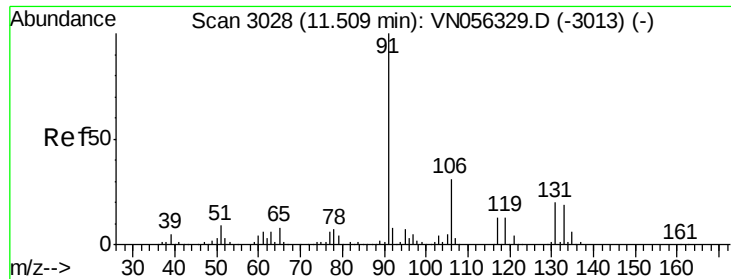
Tot Ion:112 Resp: 198233
Ion Ratio Lower Upper
112 100
114 32.2 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 17.449 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN056328.D
Acq: 17 Jun 2019 9:37

Tgt Ion:131 Resp: 73415
Ion Ratio Lower Upper
131 100
133 95.1 47.9 143.7
119 67.4 33.5 100.5

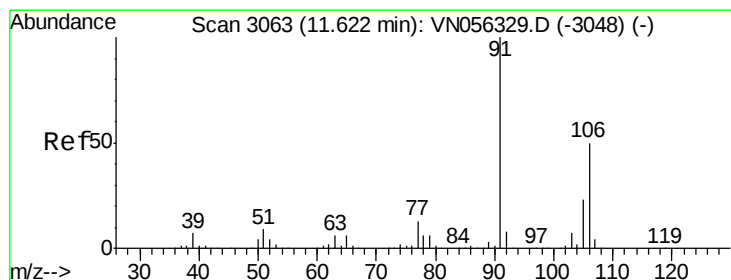
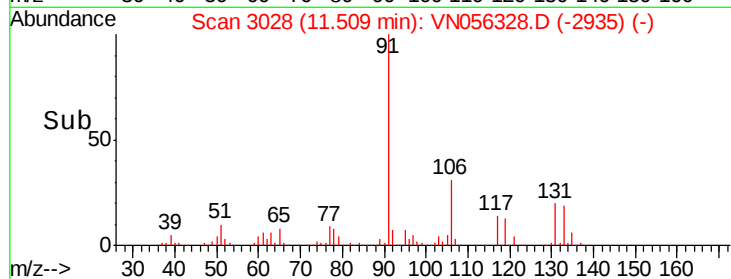
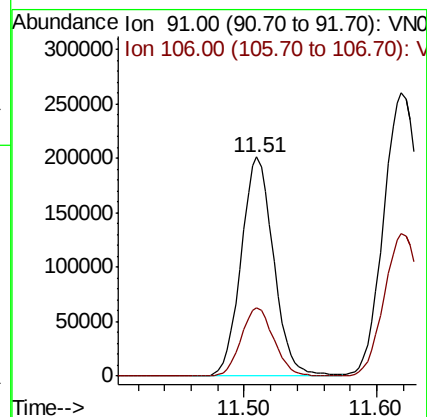
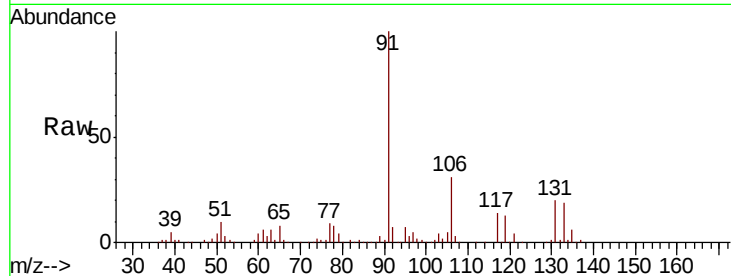




#67
Ethyl Benzene
Concen: 16.470 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN056328.D
Acq: 17 Jun 2019 9:37

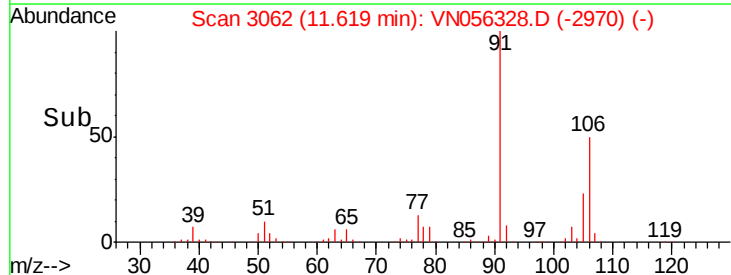
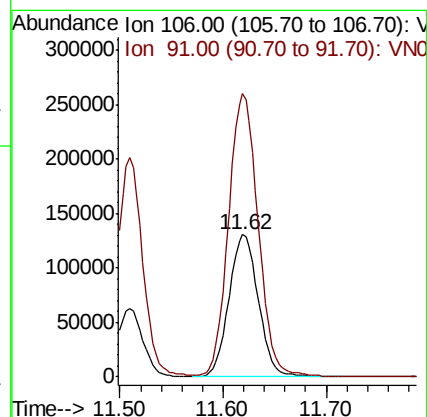
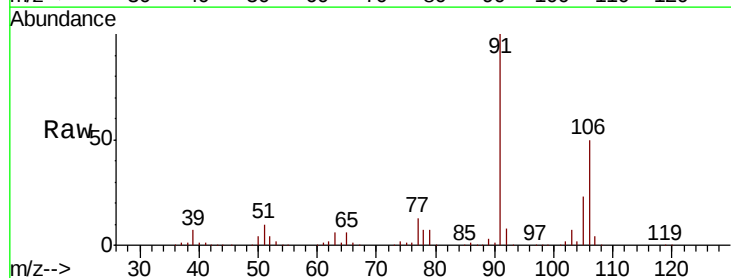
Instrument :
MSVOA_N
ClientSampled :

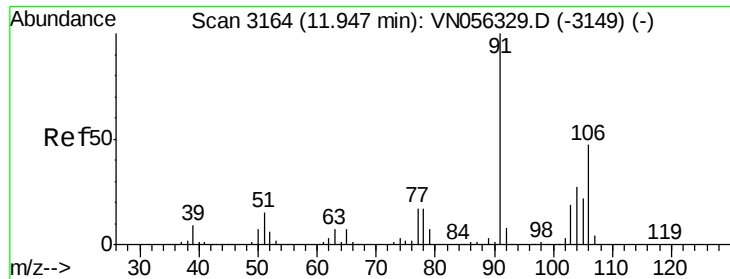
Tot Ion: 91 Resp: 343323
Ion Ratio Lower Upper
91 100
106 31.3 25.0 37.6



#68
m/p-Xylenes
Concen: 32.815 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN056328.D
Acq: 17 Jun 2019 9:37

Tgt Ion: 106 Resp: 260583
Ion Ratio Lower Upper
106 100
91 200.0 160.7 241.1

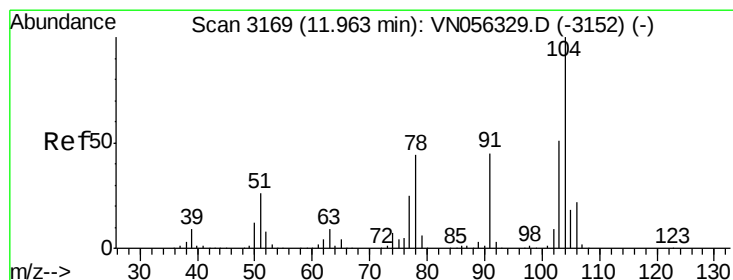
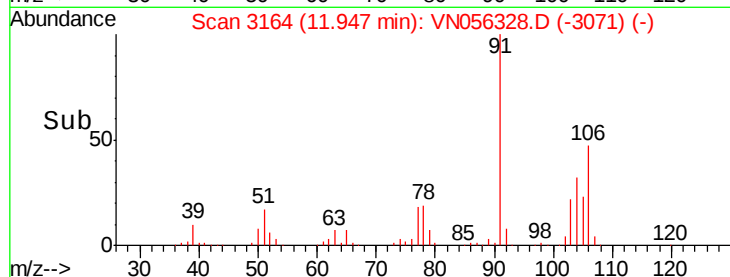
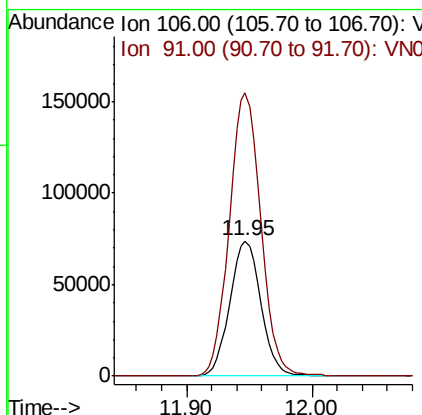
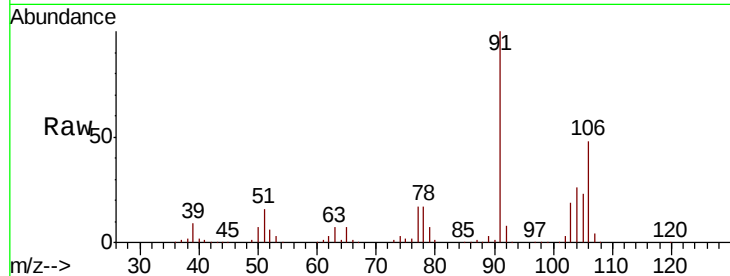




#69
o-Xylene
Concen: 16.373 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN056328.D
Acq: 17 Jun 2019 9:37

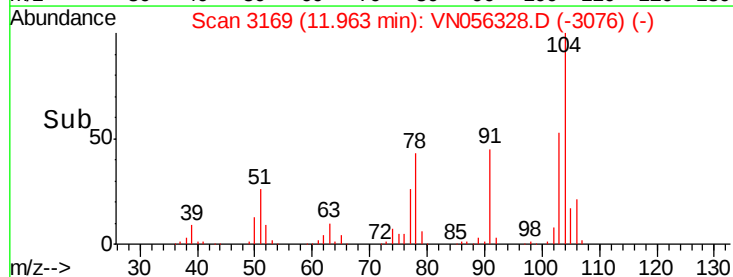
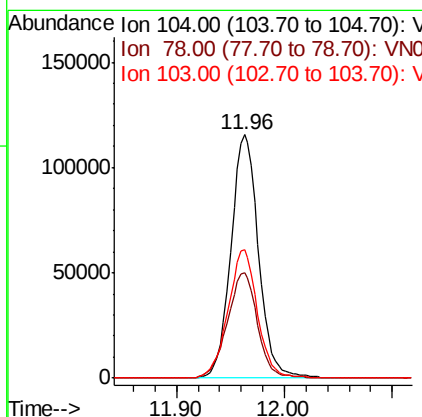
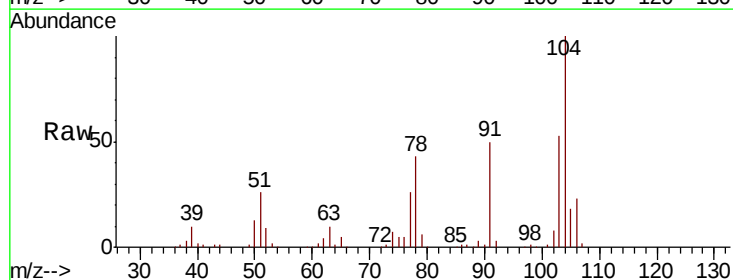
Instrument :
MSVOA_N
ClientSampleId :

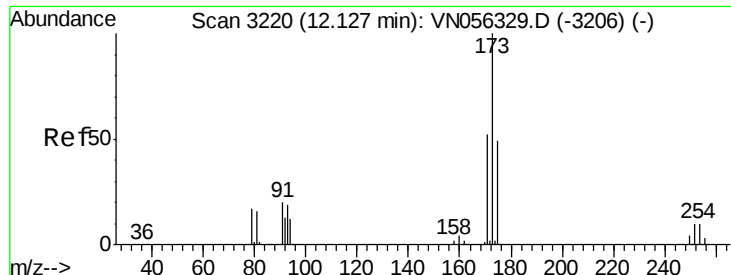
Tot Ion:106 Resp: 127473
Ion Ratio Lower Upper
106 100
91 211.9 105.6 316.7



#70
Styrene
Concen: 16.328 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN056328.D
Acq: 17 Jun 2019 9:37

Tgt Ion:104 Resp: 206626
Ion Ratio Lower Upper
104 100
78 47.0 38.4 57.6
103 56.1 44.0 66.0

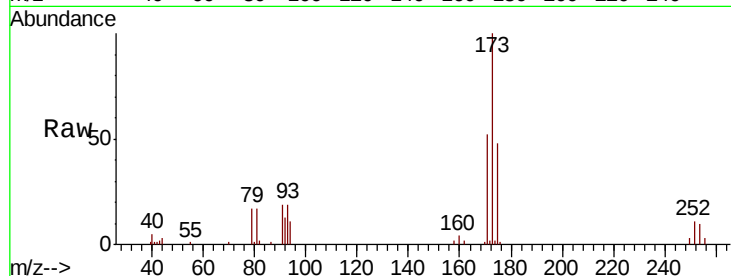




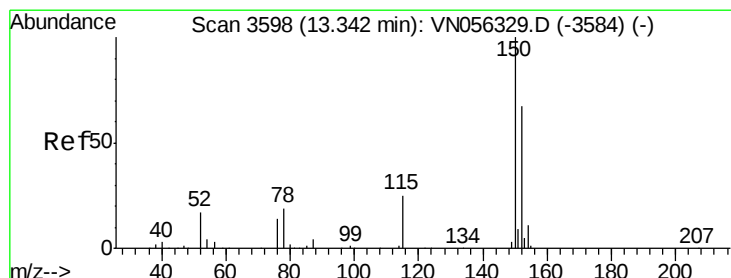
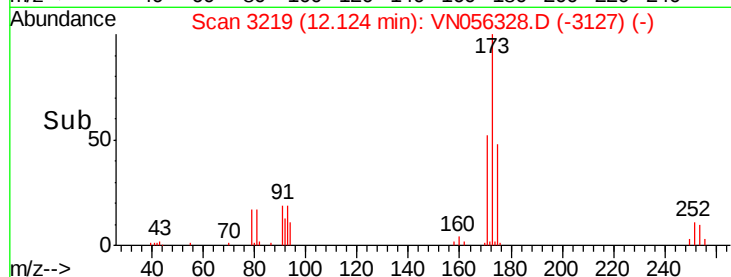
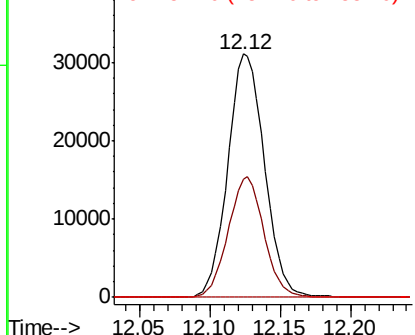
#71
Bromoform
Concen: 17.385 ug/l
RT: 12.12 min Scan# 3219
Delta R.T. -0.00 min
Lab File: VN056328.D
Acq: 17 Jun 2019 9:37

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:173 Resp: 56610
Ion Ratio Lower Upper
173 100
175 47.8 24.3 73.0
254 0.0 0.0 0.0

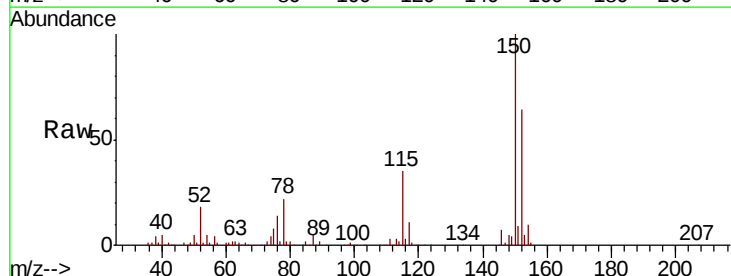


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

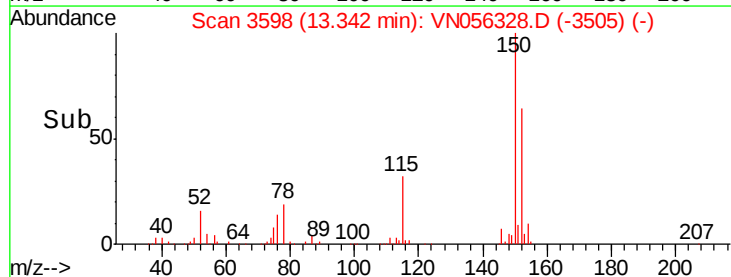
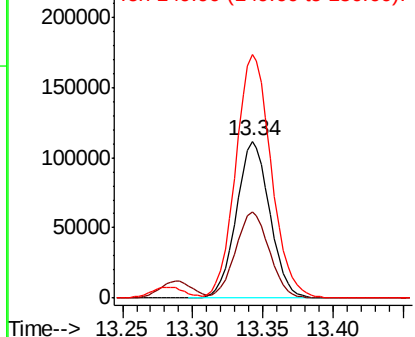


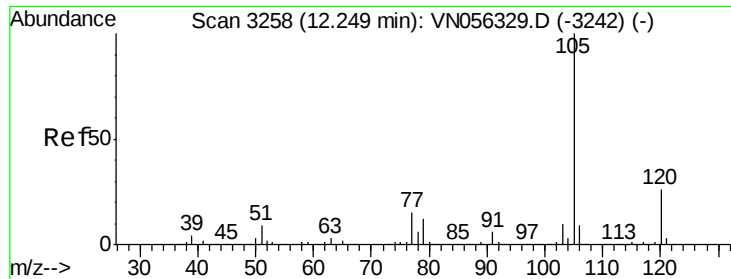
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN056328.D
Acq: 17 Jun 2019 9:37

Tgt Ion:152 Resp: 185370
Ion Ratio Lower Upper
152 100
115 55.7 27.8 83.3
150 164.2 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: 17.876 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN056328.D

Acq: 17 Jun 2019 9:37

Instrument :

MSVOA_N

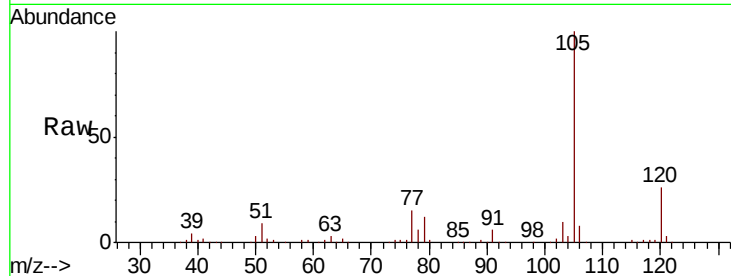
ClientSampleId :

Tot Ion:105 Resp: 336340

Ion Ratio Lower Upper

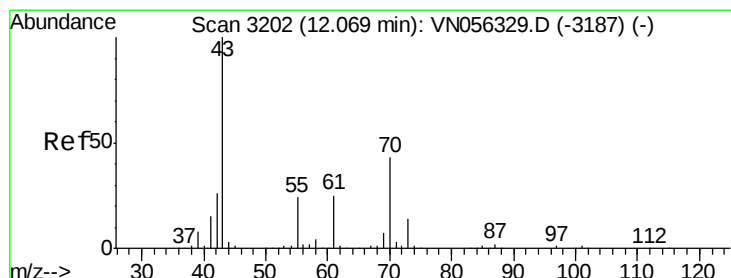
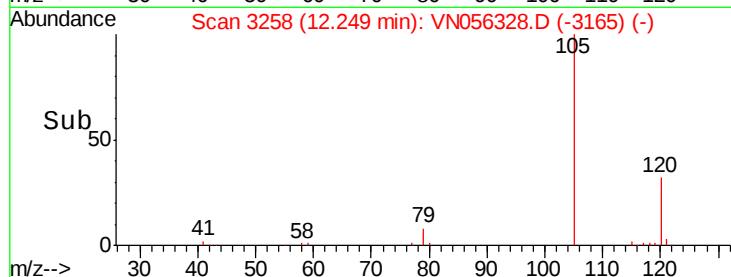
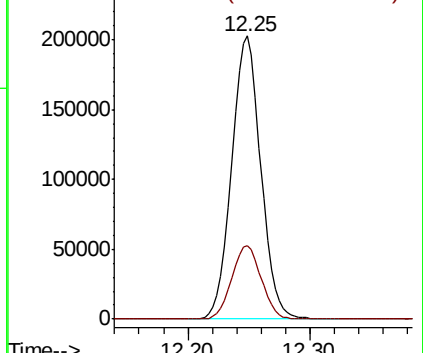
105 100

120 26.3 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.361 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN056328.D

Acq: 17 Jun 2019 9:37

Tgt Ion: 43 Resp: 119502

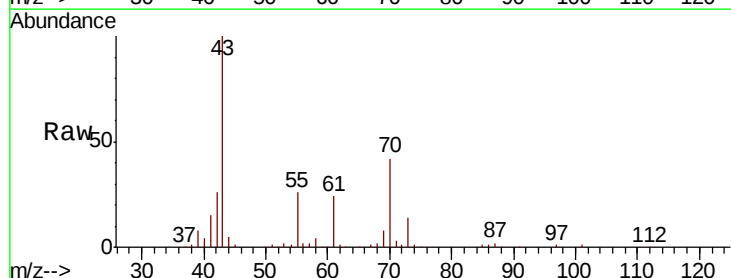
Ion Ratio Lower Upper

43 100

70 42.5 34.2 51.2

55 26.1 19.9 29.9

61 24.3 19.7 29.5

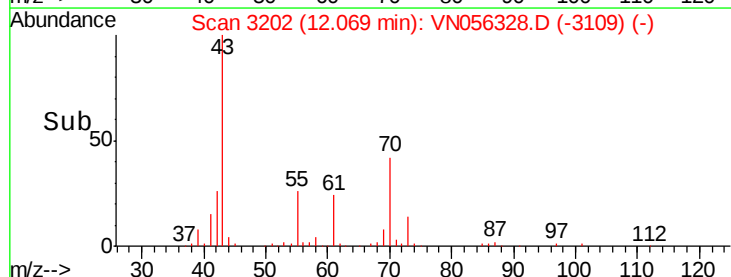
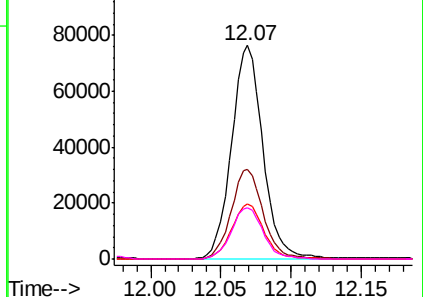


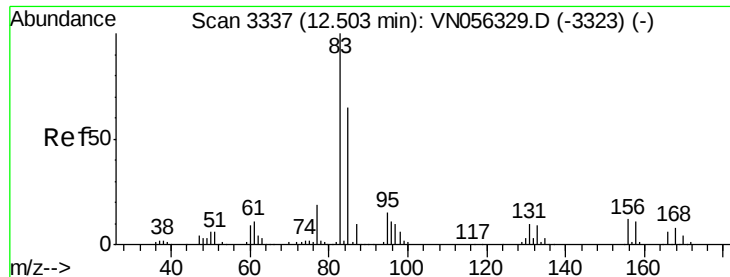
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 18.915 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN056328.D

Acq: 17 Jun 2019 9:37

Instrument :

MSVOA_N

ClientSampleId :

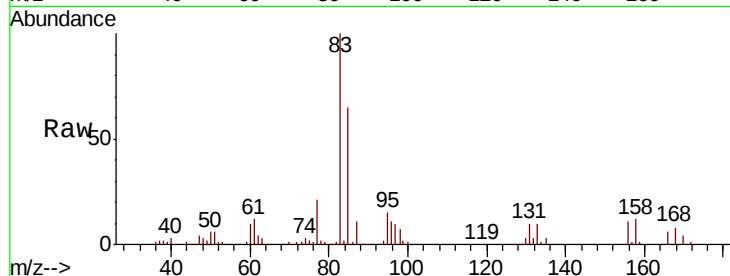
Tot Ion: 83 Resp: 105529

Ion Ratio Lower Upper

83 100

131 10.4 5.3 15.8

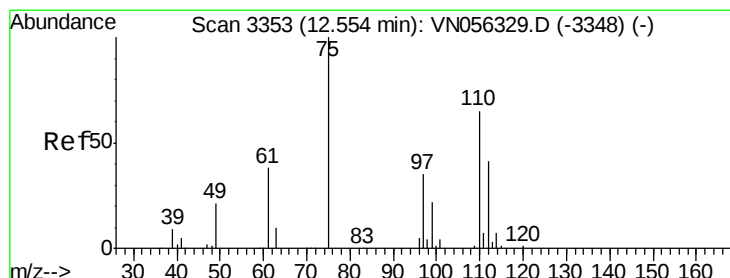
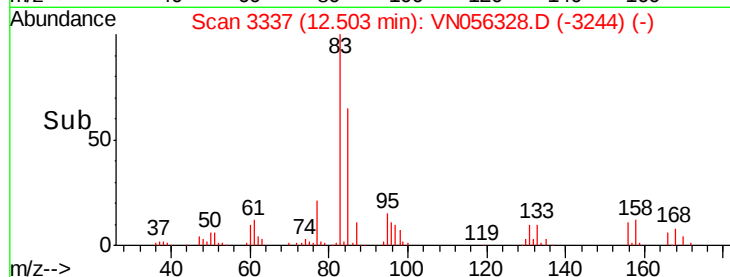
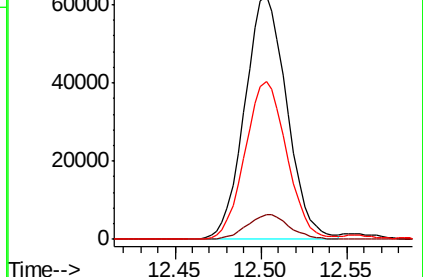
85 64.1 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VN056328.D (-3323) (-)

Ion 130.80 (130.50 to 131.50): VN056328.D (-3323) (-)

Ion 84.90 (84.60 to 85.60): VN056328.D (-3323) (-)



#76

1,2,3-Trichloropropane

Concen: 27.537 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN056328.D

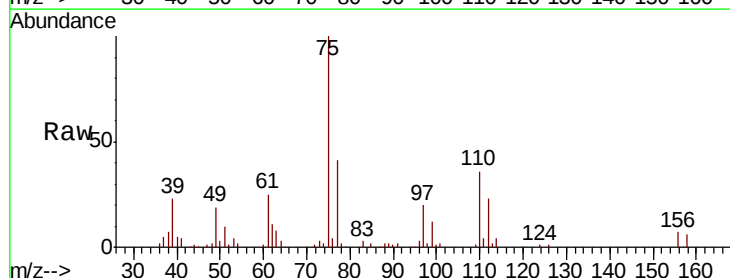
Acq: 17 Jun 2019 9:37

Tgt Ion: 75 Resp: 123164

Ion Ratio Lower Upper

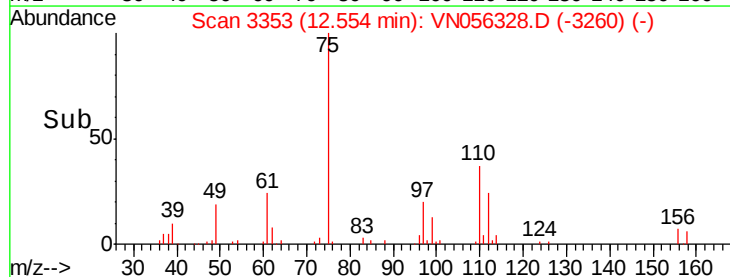
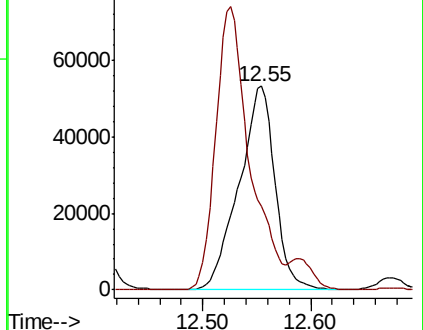
75 100

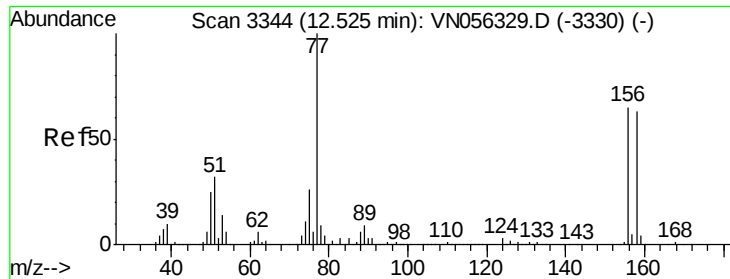
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN056328.D (-3348) (-)

Ion 77.00 (76.70 to 77.70): VN056328.D (-3348) (-)





#77

Bromobenzene

Concen: 17.164 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN056328.D

Acq: 17 Jun 2019 9:37

Instrument :

MSVOA_N

ClientSampled :

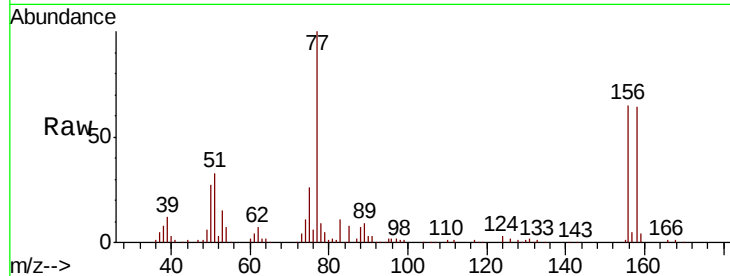
Tot Ion:156 Resp: 85218

Ion Ratio Lower Upper

156 100

77 190.5 92.9 278.7

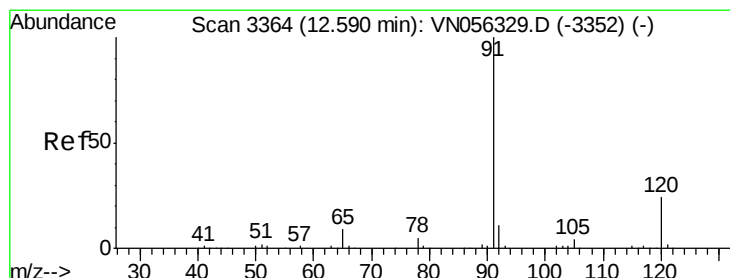
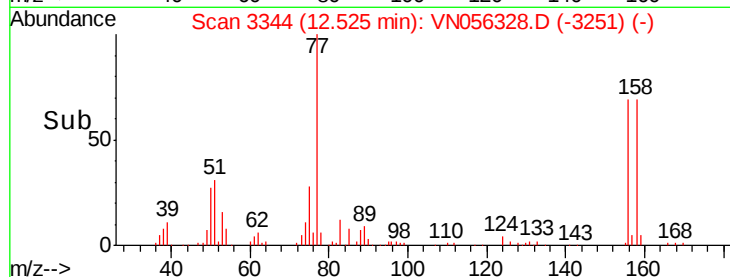
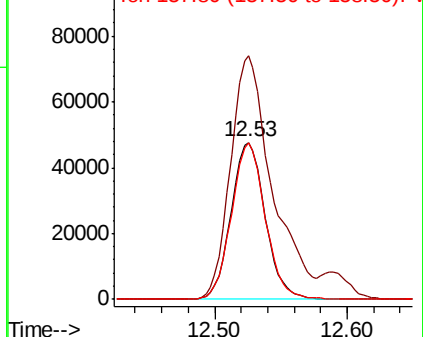
158 98.6 49.0 147.2



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: 17.086 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN056328.D

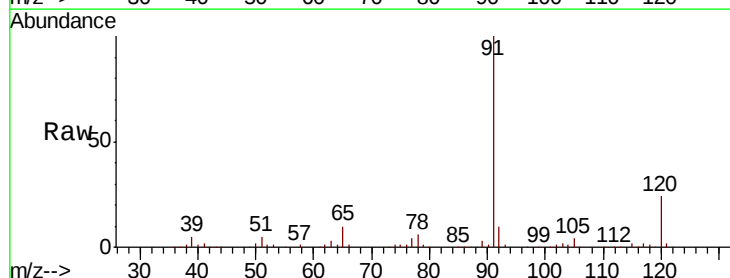
Acq: 17 Jun 2019 9:37

Tgt Ion: 91 Resp: 343420

Ion Ratio Lower Upper

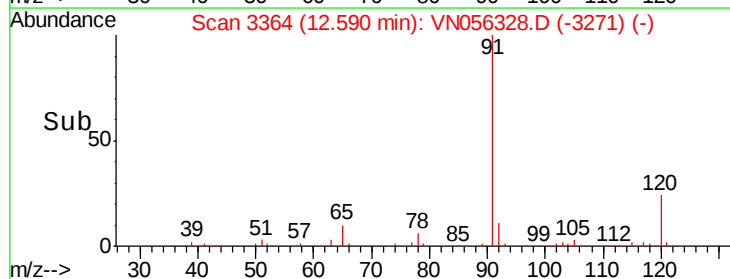
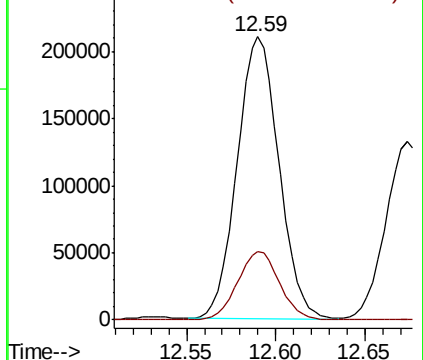
91 100

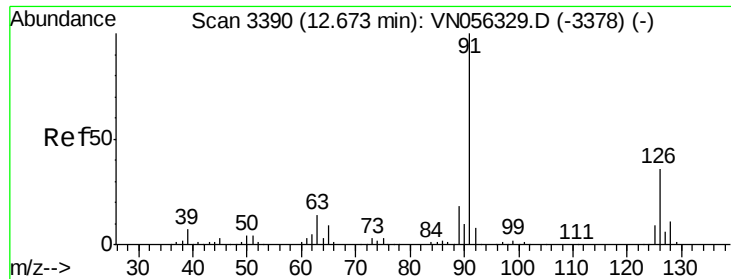
120 24.3 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

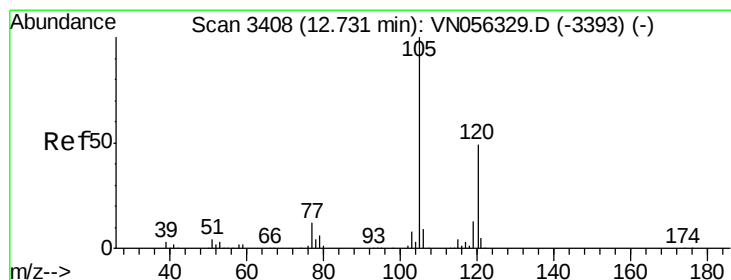
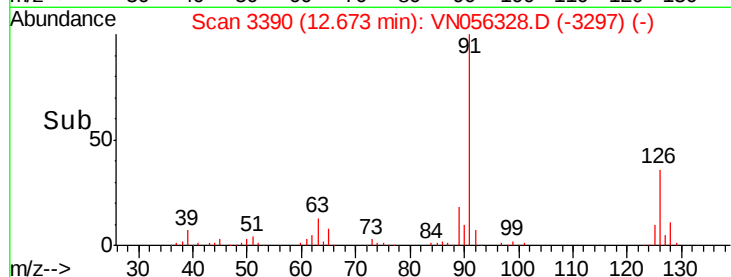
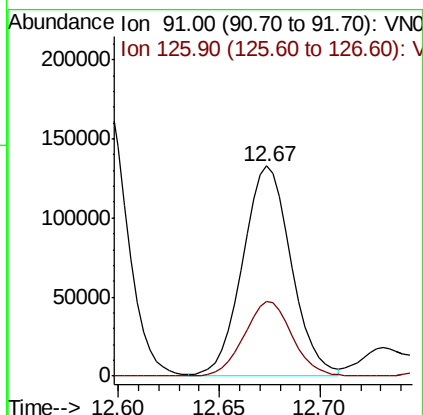
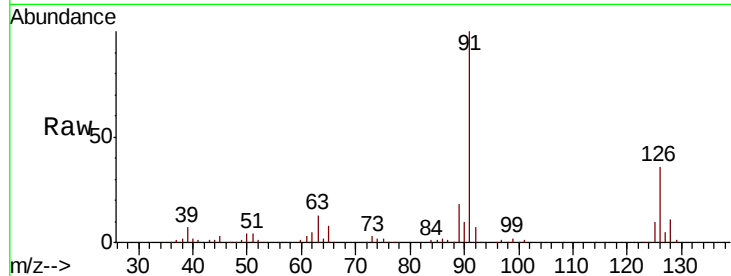




#79
 2-Chlorotoluene
 Concen: 17.849 ug/l
 RT: 12.67 min Scan# 3390
 Delta R.T. 0.00 min
 Lab File: VN056328.D
 Acq: 17 Jun 2019 9:37

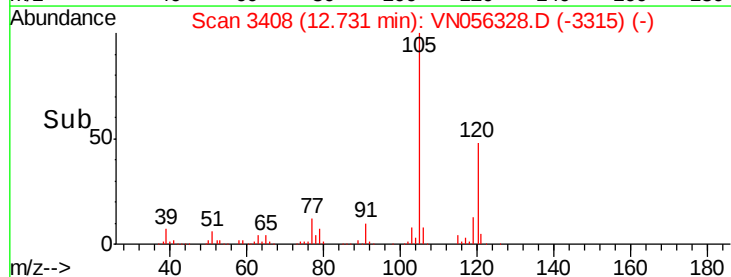
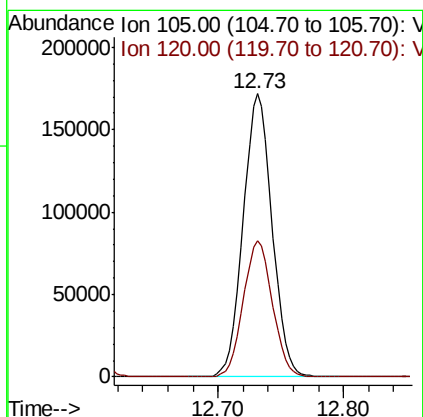
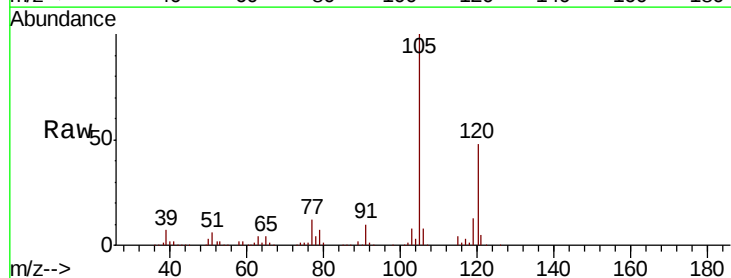
Instrument :
 MSVOA_N
 ClientSampled :

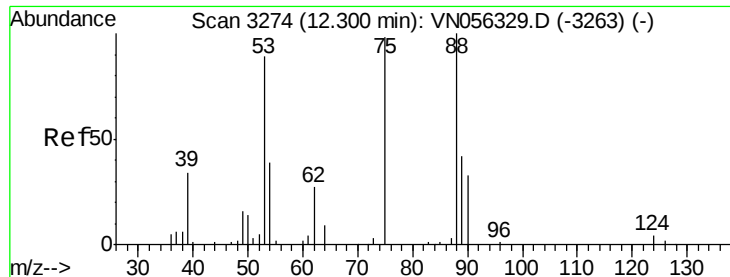
Tot Ion: 91 Resp: 221960
 Ion Ratio Lower Upper
 91 100
 126 35.5 18.0 54.0



#80
 1,3,5-Trimethylbenzene
 Concen: 17.555 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN056328.D
 Acq: 17 Jun 2019 9:37

Tgt Ion: 105 Resp: 274973
 Ion Ratio Lower Upper
 105 100
 120 48.5 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 17.384 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. -0.00 min

Lab File: VN056328.D

Acq: 17 Jun 2019 9:37

Instrument :

MSVOA_N

ClientSampled :

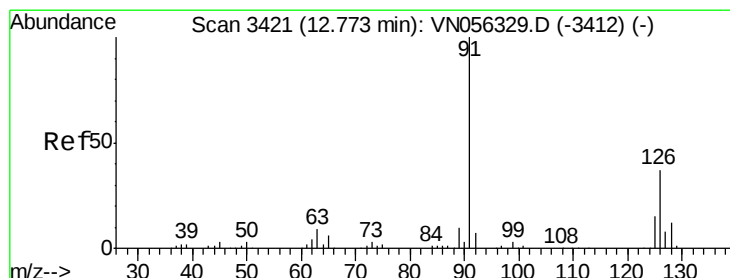
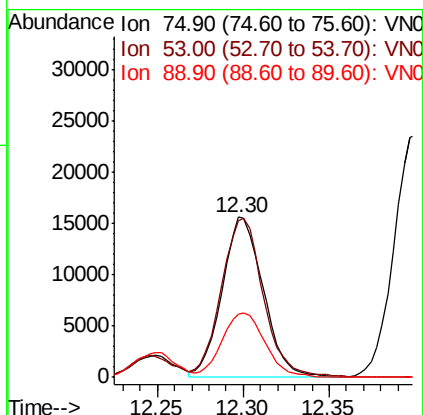
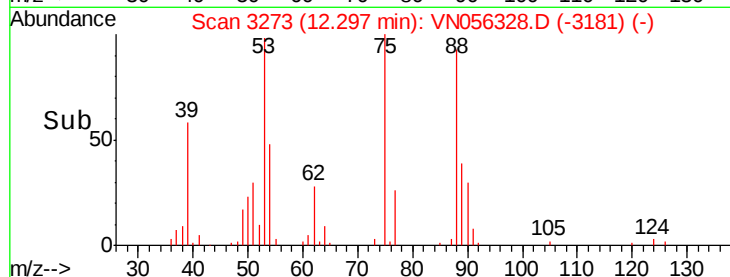
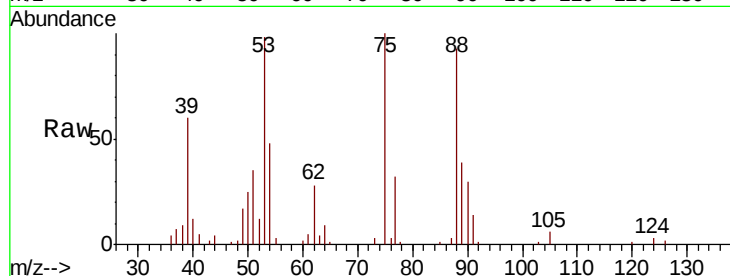
Tot Ion: 75 Resp: 26185

Ion Ratio Lower Upper

75 100

53 101.3 73.5 110.3

89 41.8 35.4 53.2



#82

4-Chlorotoluene

Concen: 17.334 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN056328.D

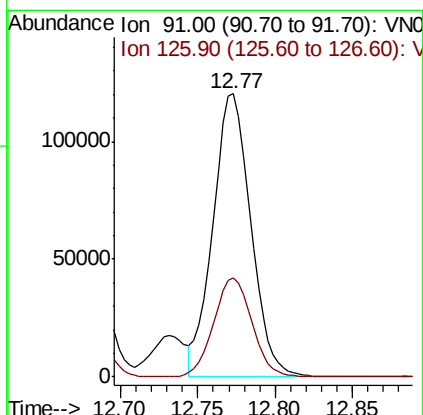
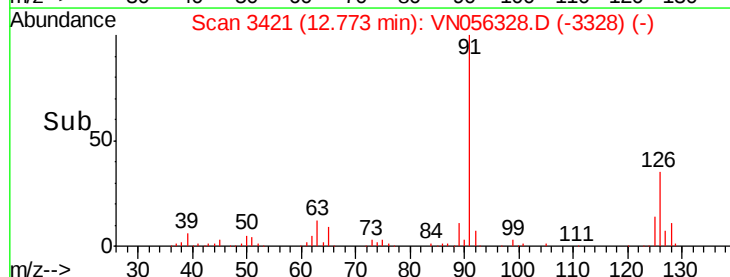
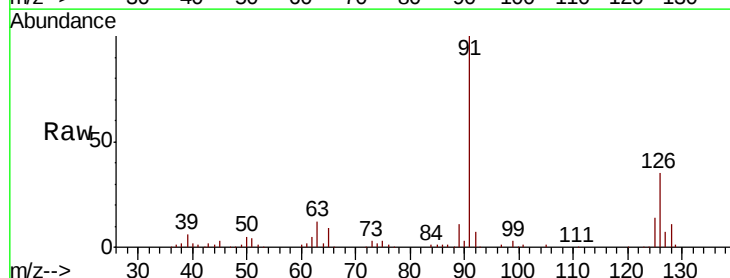
Acq: 17 Jun 2019 9:37

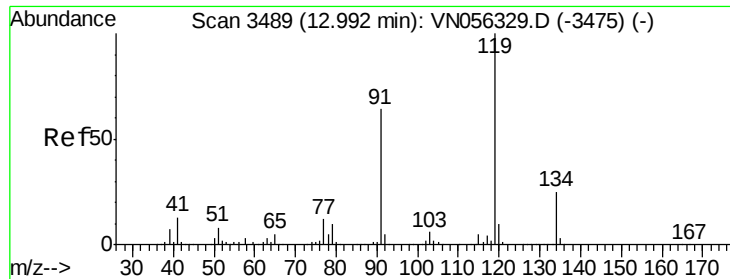
Tgt Ion: 91 Resp: 204315

Ion Ratio Lower Upper

91 100

126 35.5 17.6 52.8

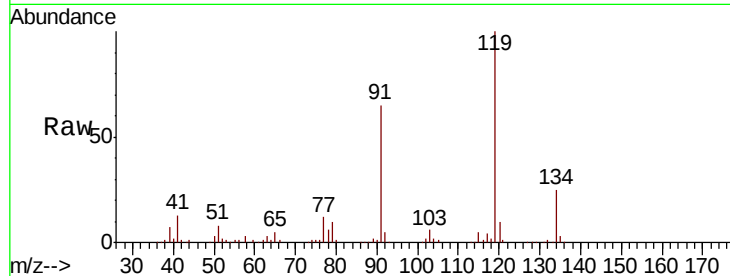




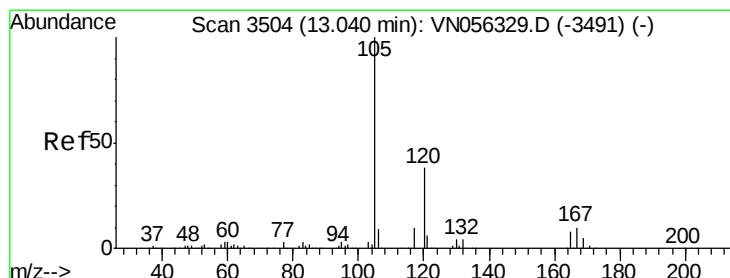
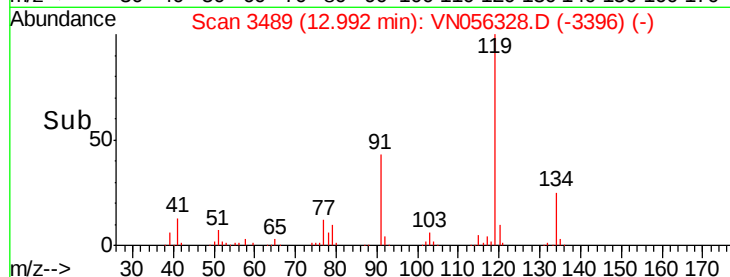
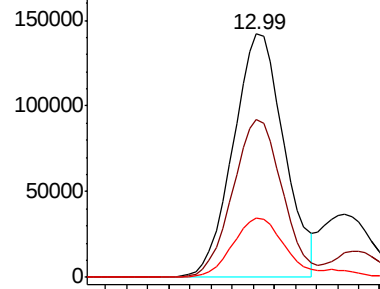
#83
tert-Butylbenzene
Concen: 17.395 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN056328.D
Acq: 17 Jun 2019 9:37

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:119 Resp: 238711
Ion Ratio Lower Upper
119 100
91 63.4 31.5 94.5
134 26.9 13.6 40.7

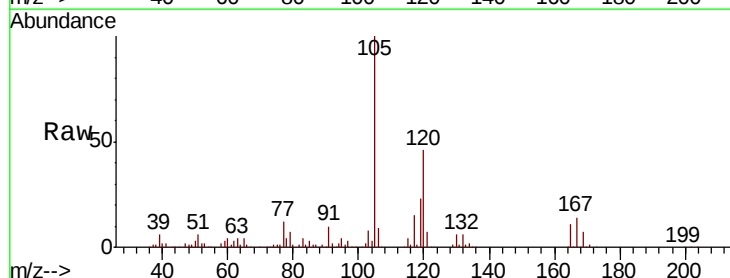


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

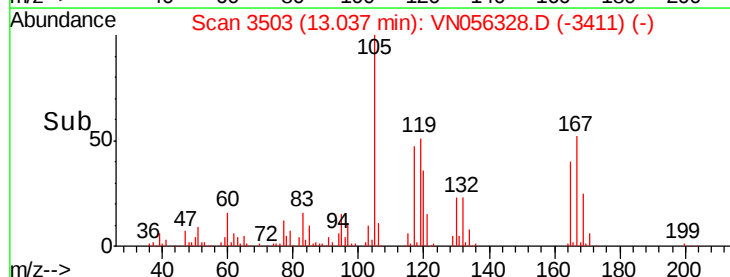
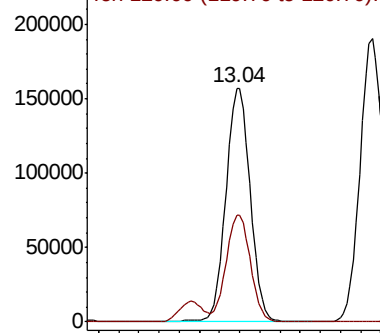


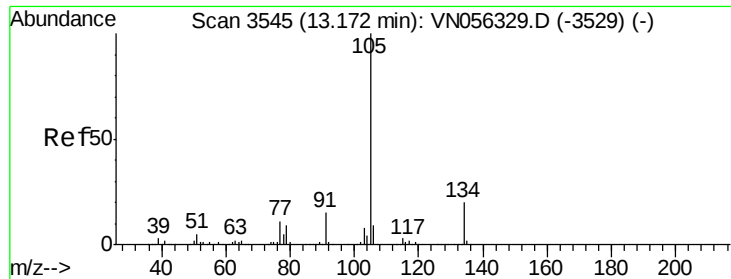
#84
1,2,4-Trimethylbenzene
Concen: 17.508 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. -0.00 min
Lab File: VN056328.D
Acq: 17 Jun 2019 9:37

Tgt Ion:105 Resp: 260613
Ion Ratio Lower Upper
105 100
120 45.6 23.1 69.2



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

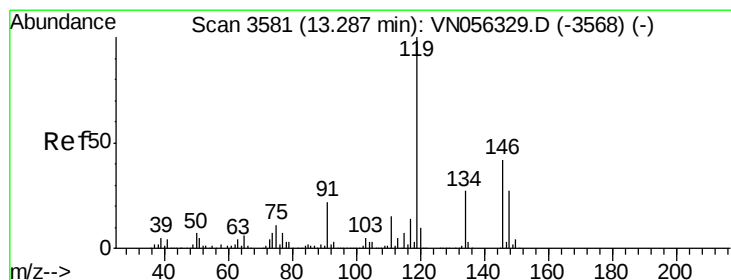
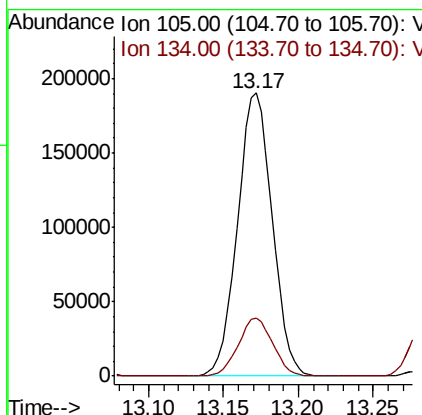
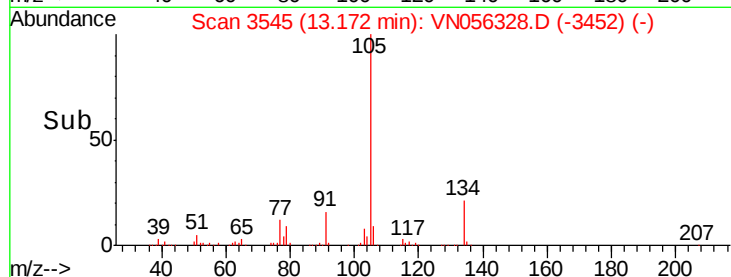
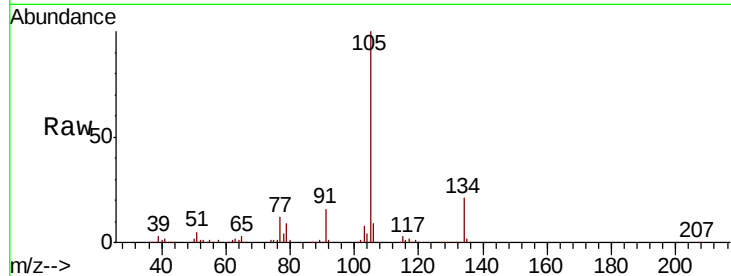




#85
 sec-Butylbenzene
 Concen: 17.507 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN056328.D
 Acq: 17 Jun 2019 9:37

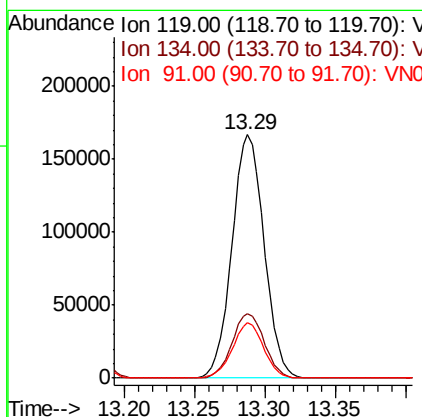
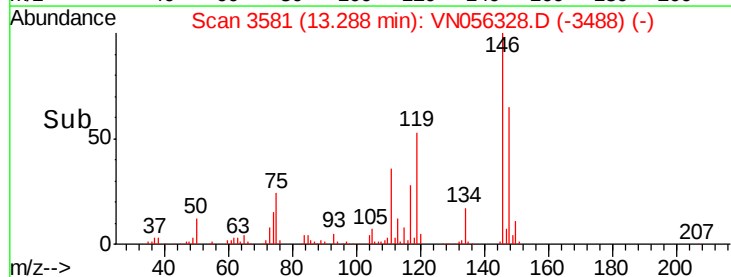
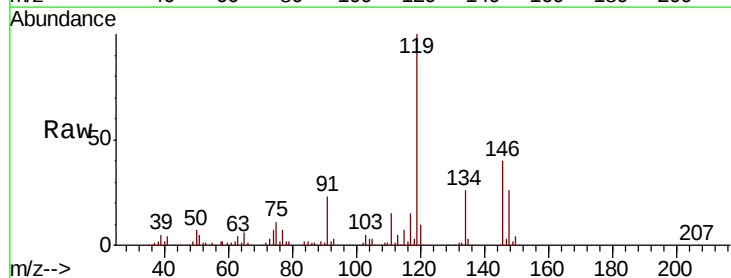
Instrument :
 MSVOA_N
 ClientSampleId :

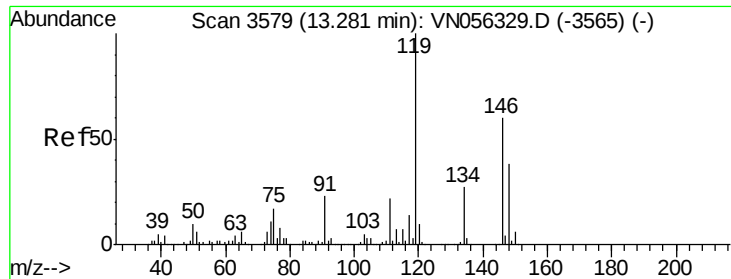
Tot Ion:105 Resp: 307097
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 17.049 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN056328.D
 Acq: 17 Jun 2019 9:37

Tgt Ion:119 Resp: 265967
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.5 40.4
 91 22.2 11.0 33.0

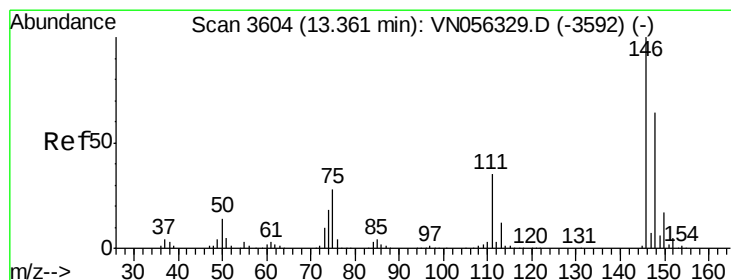
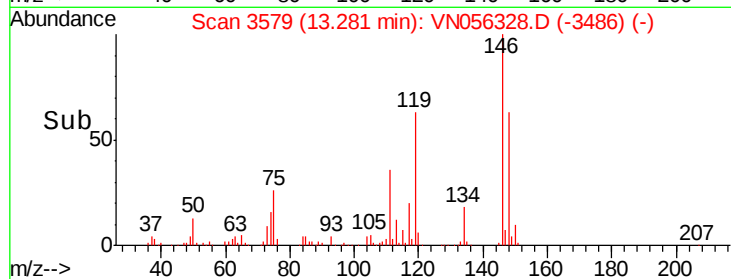
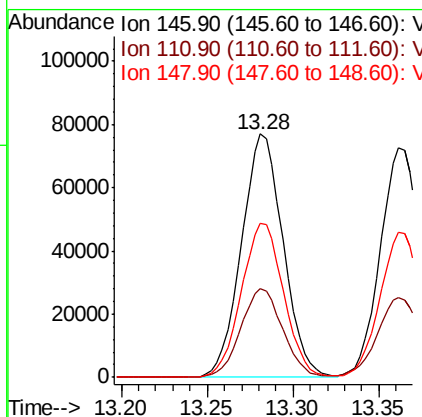
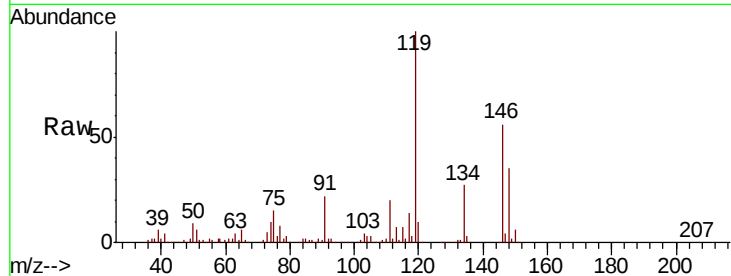




#87
 1,3-Dichlorobenzene
 Concen: 16.715 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN056328.D
 Acq: 17 Jun 2019 9:37

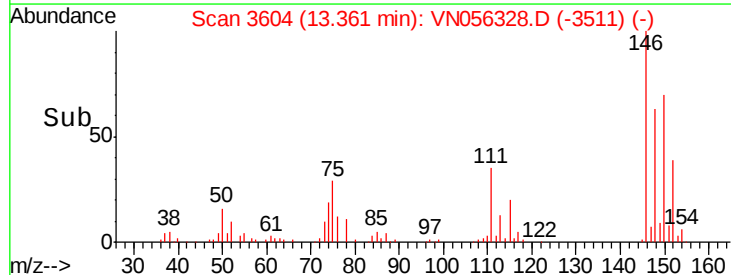
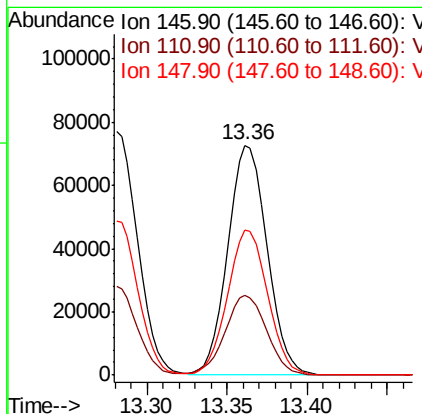
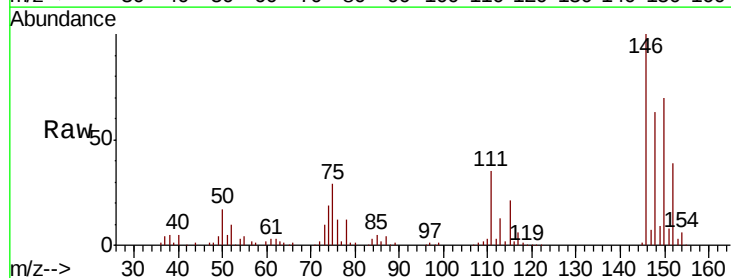
Instrument :
 MSVOA_N
 ClientSampled :

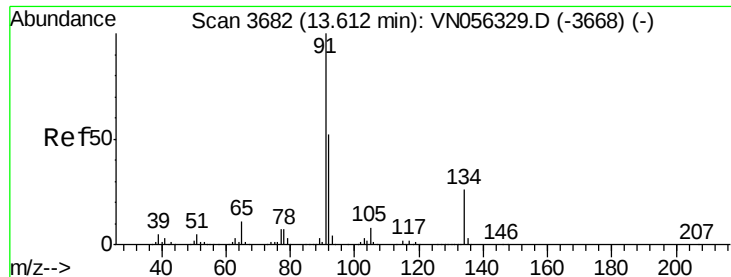
Tot Ion:146 Resp: 129585
 Ion Ratio Lower Upper
 146 100
 111 36.6 18.9 56.7
 148 64.0 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 16.332 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN056328.D
 Acq: 17 Jun 2019 9:37

Tgt Ion:146 Resp: 122045
 Ion Ratio Lower Upper
 146 100
 111 36.8 18.1 54.1
 148 64.3 32.1 96.5





#89

n-Butylbenzene

Concen: 15.431 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN056328.D

Acq: 17 Jun 2019 9:37

Instrument :

MSVOA_N

ClientSampleId :

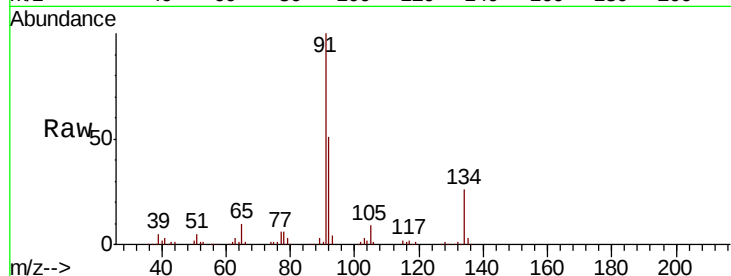
Tot Ion: 91 Resp: 181313

Ion Ratio Lower Upper

91 100

92 51.6 26.0 78.0

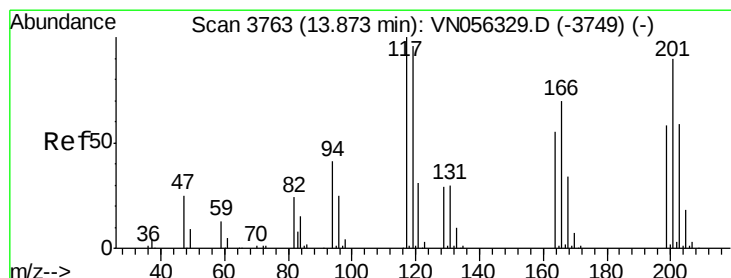
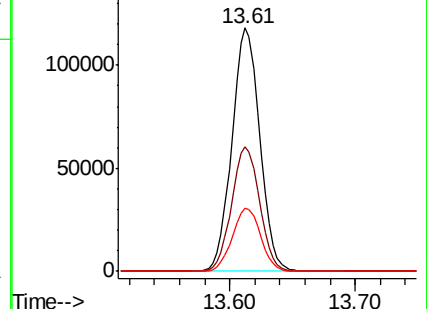
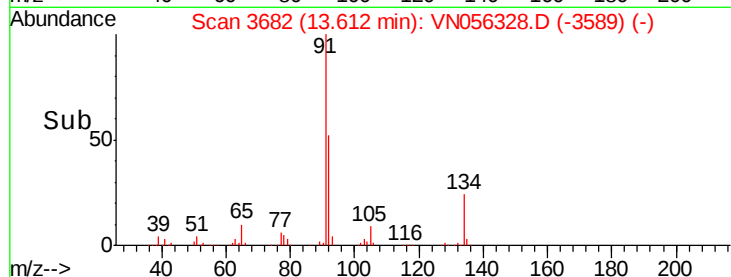
134 26.3 13.2 39.5



Abundance Ion 91.00 (90.70 to 91.70): VN056328.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN056328.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN056328.D (-3668) (-)



#90

Hexachloroethane

Concen: 18.726 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN056328.D

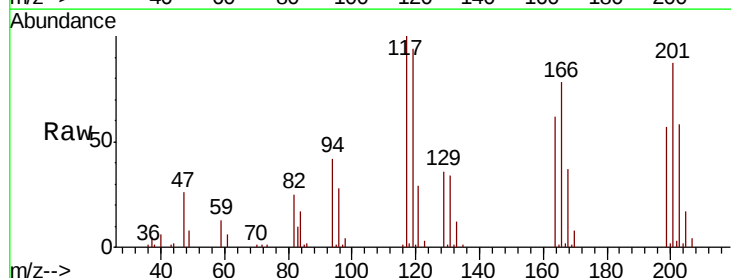
Acq: 17 Jun 2019 9:37

Tgt Ion: 117 Resp: 47706

Ion Ratio Lower Upper

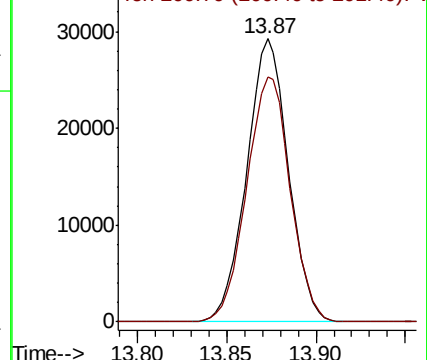
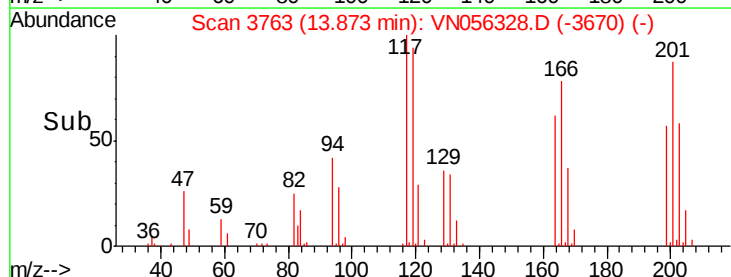
117 100

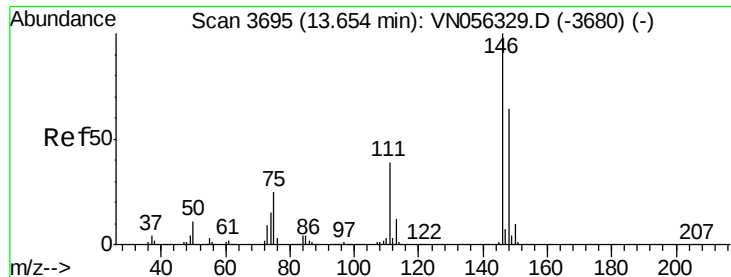
201 90.3 45.8 137.3



Abundance Ion 116.80 (116.50 to 117.50): VN056328.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN056328.D (-3749) (-)





#91

1,2-Dichlorobenzene

Concen: 16.942 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. -0.00 min

Lab File: VN056328.D

Acq: 17 Jun 2019 9:37

Instrument :

MSVOA_N

ClientSampleId :

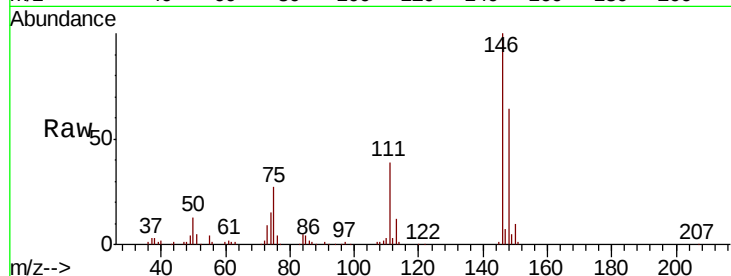
Tot Ion:146 Resp: 131228

Ion Ratio Lower Upper

146 100

111 39.1 19.4 58.2

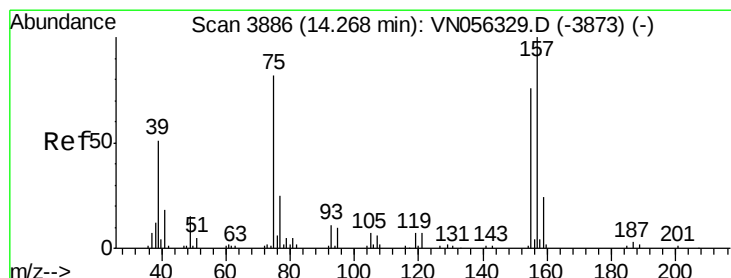
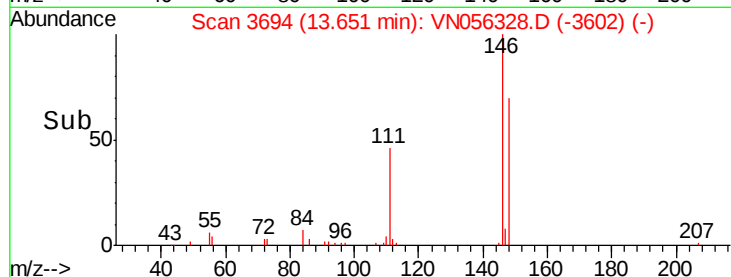
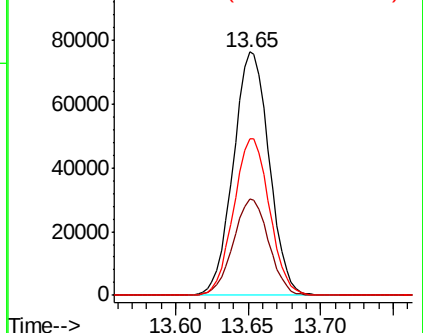
148 64.2 32.4 97.2



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: 19.363 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN056328.D

Acq: 17 Jun 2019 9:37

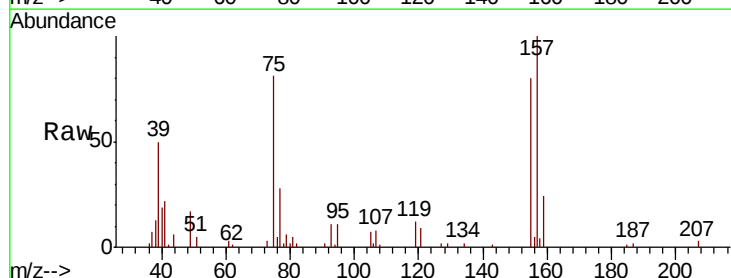
Tgt Ion: 75 Resp: 16364

Ion Ratio Lower Upper

75 100

155 99.8 47.8 143.4

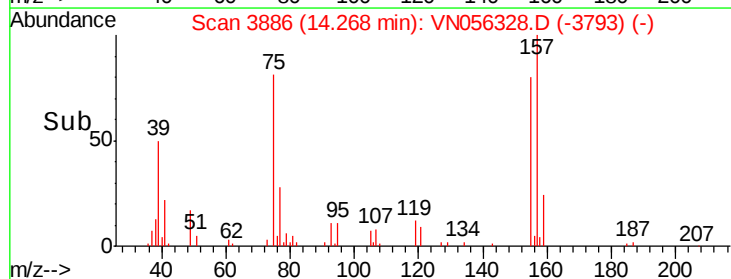
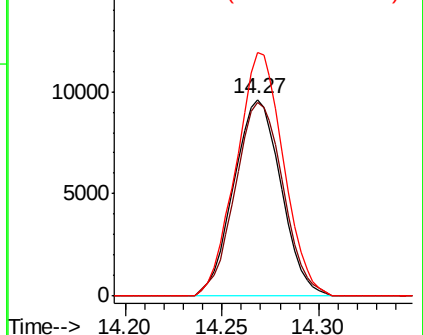
157 123.8 62.8 188.5

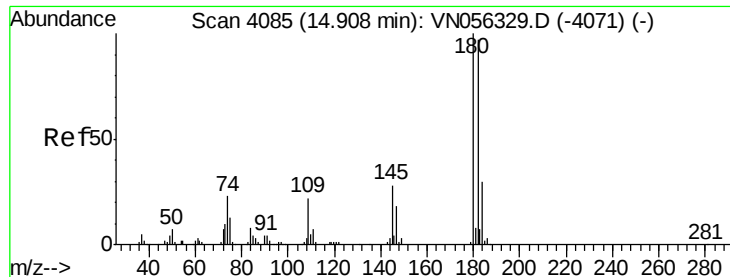


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

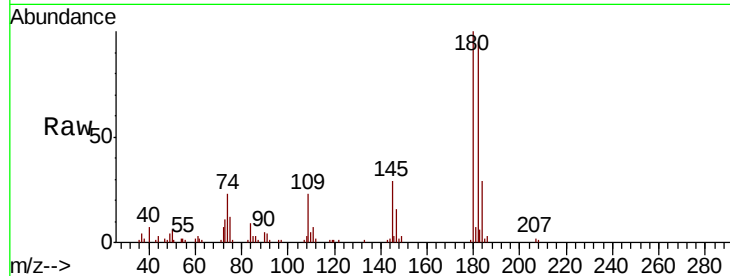




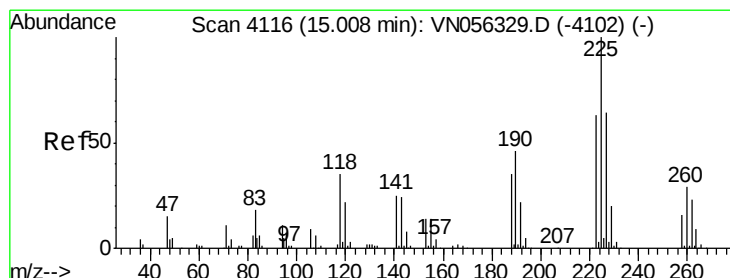
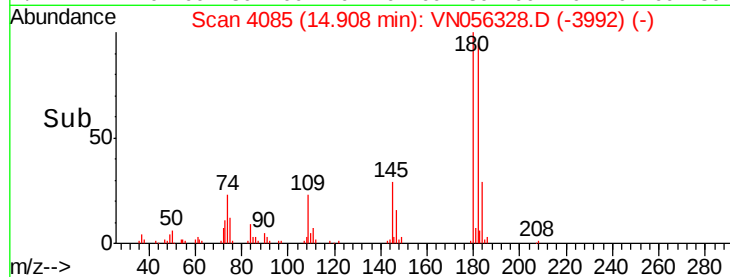
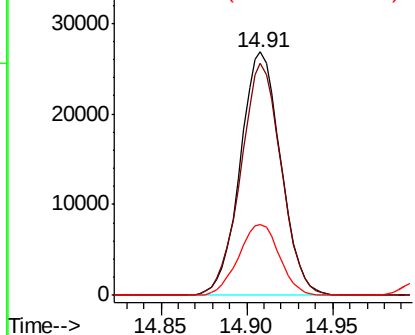
#93
 1,2,4-Trichlorobenzene
 Concen: 12.524 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056328.D
 Acq: 17 Jun 2019 9:37

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:180 Resp: 43933
 Ion Ratio Lower Upper
 180 100
 182 95.1 47.4 142.3
 145 29.1 14.0 41.9

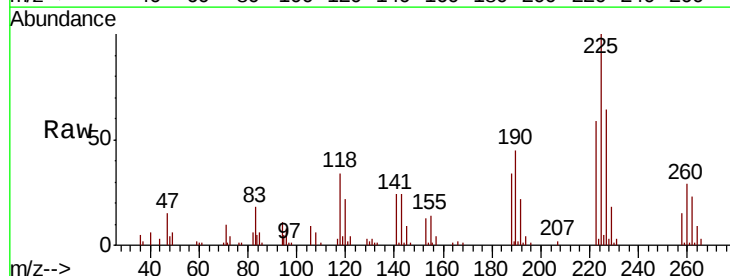


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

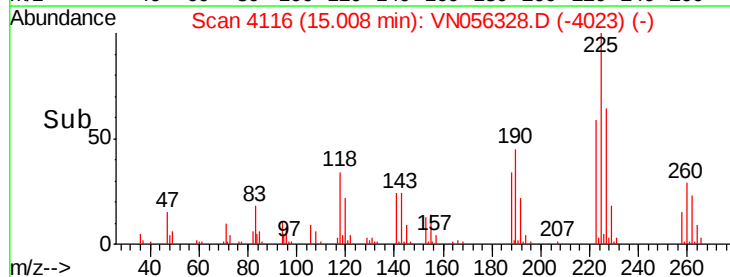
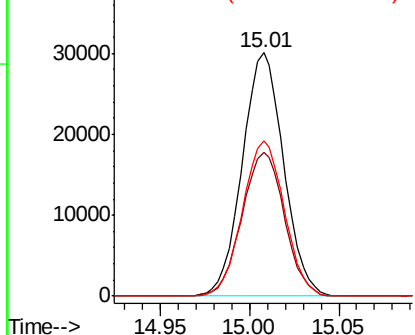


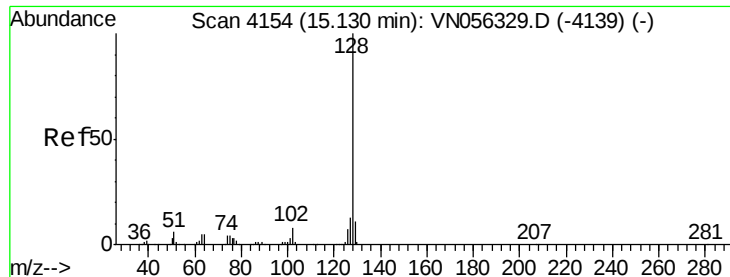
#94
 Hexachlorobutadiene
 Concen: 16.631 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN056328.D
 Acq: 17 Jun 2019 9:37

Tgt Ion:225 Resp: 48812
 Ion Ratio Lower Upper
 225 100
 223 60.6 31.2 93.6
 227 64.4 31.7 95.1



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





#95

Naphthalene

Concen: 13.491 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN056328.D

Acq: 17 Jun 2019 9:37

Instrument :

MSVOA_N

ClientSampleId :

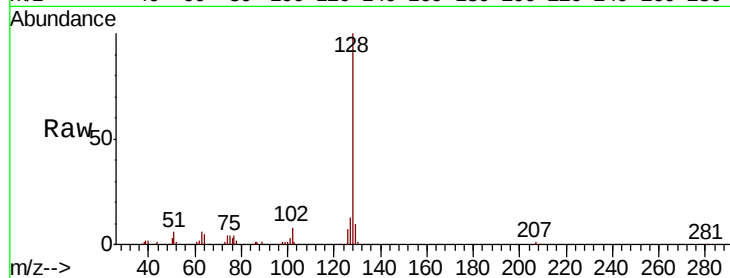
Tot Ion:128 Resp: 124756

Ion Ratio Lower Upper

128 100

127 13.0 10.6 15.8

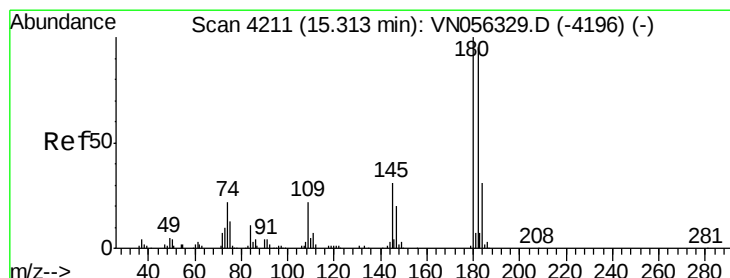
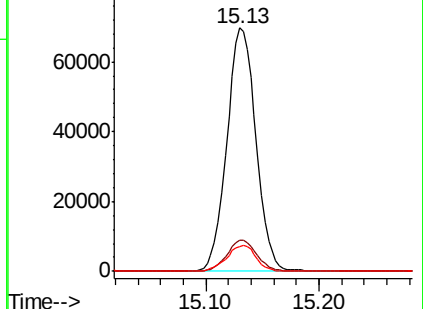
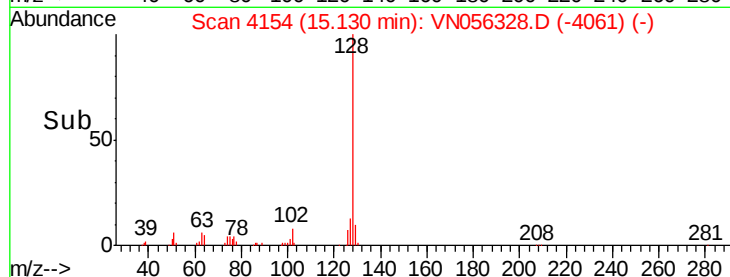
129 10.6 8.6 12.8



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



#96

1,2,3-Trichlorobenzene

Concen: 13.789 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN056328.D

Acq: 17 Jun 2019 9:37

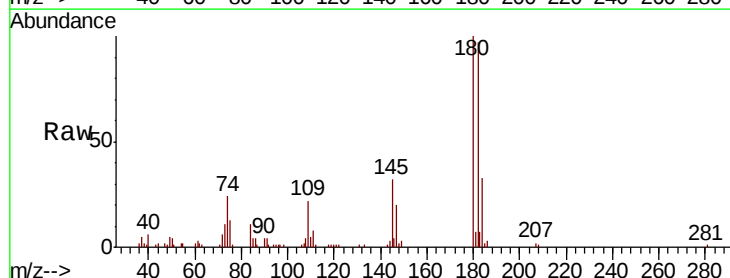
Tgt Ion:180 Resp: 52209

Ion Ratio Lower Upper

180 100

182 95.9 47.1 141.4

145 31.9 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

