

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062619\
 Data File : VN056495.D
 Acq On : 26 Jun 2019 10:37
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 27 07:36:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 03:45:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	355997	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	538782	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	476788	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	207017	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.02	65	196408	49.78	ug/l	0.00
Spiked Amount			Recovery	=	99.56%	
35) Dibromofluoromethane	7.59	113	174098	51.80	ug/l	0.00
Spiked Amount			Recovery	=	103.60%	
50) Toluene-d8	10.09	98	652527	49.89	ug/l	0.00
Spiked Amount			Recovery	=	99.78%	
62) 4-Bromofluorobenzene	12.40	95	227615	52.21	ug/l	0.00
Spiked Amount			Recovery	=	104.42%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	141118	46.815	ug/l	100
3) Chloromethane	2.06	50	178089	43.389	ug/l	100
4) Vinyl Chloride	2.18	62	181570	45.802	ug/l	99
5) Bromomethane	2.53	94	112231	48.292	ug/l	98
6) Chloroethane	2.68	64	108299	47.174	ug/l	98
7) Trichlorofluoromethane	3.00	101	250529	48.855	ug/l	99
8) Diethyl Ether	3.41	74	103965	47.905	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.75	101	163706	50.060	ug/l	99
10) Methyl Iodide	3.95	142	217414	49.190	ug/l	100
11) Tert butyl alcohol	4.79	59	159888	240.603	ug/l	99
12) 1,1-Dichloroethene	3.73	96	150180	47.755	ug/l	97
13) Acrolein	3.60	56	103473	184.747	ug/l	100
14) Allyl chloride	4.32	41	261852	50.020	ug/l	100
15) Acrylonitrile	4.99	53	453518	246.688	ug/l	100
16) Acetone	3.82	43	476579	241.089	ug/l	99
17) Carbon Disulfide	4.05	76	302348	42.270	ug/l	100
18) Methyl Acetate	4.32	43	192513	49.718	ug/l	100
19) Methyl tert-butyl Ether	5.04	73	521626	50.127	ug/l	99
20) Methylene Chloride	4.54	84	183139	49.130	ug/l	99
21) trans-1,2-Dichloroethene	5.03	96	164370	48.479	ug/l	97
22) Diisopropyl ether	5.95	45	564625	51.357	ug/l	95
23) Vinyl Acetate	5.89	43	2295569	264.727	ug/l	100
24) 1,1-Dichloroethane	5.84	63	316007	50.072	ug/l	100
25) 2-Butanone	6.83	43	642438	245.555	ug/l	100
26) 2,2-Dichloropropane	6.82	77	236242	53.822	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	199200	50.217	ug/l	99
28) Bromochloromethane	7.19	49	155614	49.851	ug/l	99
29) Tetrahydrofuran	7.21	42	398644	249.337	ug/l	98
30) Chloroform	7.37	83	318201	51.097	ug/l	100
31) Cyclohexane	7.65	56	278325	45.681	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	255490	51.759	ug/l	100
36) 1,1-Dichloropropene	7.79	75	227858	48.048	ug/l	98
37) Ethyl Acetate	6.93	43	241827	51.890	ug/l	99
38) Carbon Tetrachloride	7.77	117	210541	50.769	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062619\
 Data File : VN056495.D
 Acq On : 26 Jun 2019 10:37
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 27 07:36:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 03:45:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	281313	48.075	ug/l	100
40) Benzene	8.04	78	721387	49.454	ug/l	98
41) Methacrylonitrile	7.21	41	348156	169.178	ug/l #	12
42) 1,2-Dichloroethane	8.12	62	234890	48.792	ug/l	100
43) Isopropyl Acetate	8.16	43	380328	52.925	ug/l #	92
44) Trichloroethene	8.83	130	194635	49.533	ug/l	95
45) 1,2-Dichloropropane	9.12	63	199107	51.038	ug/l	100
46) Dibromomethane	9.21	93	126266	51.733	ug/l	99
47) Bromodichloromethane	9.40	83	235689	54.448	ug/l	98
48) Methyl methacrylate	9.20	41	186336	51.743	ug/l	96
49) 1,4-Dioxane	9.20	88	76020	1017.236	ug/l	93
51) 4-Methyl-2-Pentanone	9.98	43	1181239	254.674	ug/l	100
52) Toluene	10.15	92	445339	49.936	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	249800	49.573	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	291347	55.891	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	186881	52.132	ug/l	98
56) Ethyl methacrylate	10.43	69	276519	52.782	ug/l	100
57) 1,3-Dichloropropane	10.71	76	309912	51.462	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	419834	223.070	ug/l	100
59) 2-Hexanone	10.75	43	847908	248.730	ug/l	99
60) Dibromochloromethane	10.90	129	186725	50.644	ug/l	98
61) 1,2-Dibromoethane	11.00	107	190104	51.923	ug/l	100
64) Tetrachloroethene	10.63	164	191258	50.654	ug/l	99
65) Chlorobenzene	11.43	112	485272	50.653	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	180805	55.839	ug/l	100
67) Ethyl Benzene	11.51	91	853280	50.725	ug/l	100
68) m/p-Xylenes	11.62	106	642381	104.201	ug/l	100
69) o-Xylene	11.95	106	313570	51.413	ug/l	99
70) Styrene	11.96	104	525185	53.871	ug/l	99
71) Bromoform	12.13	173	130619	50.004	ug/l #	98
73) Isopropylbenzene	12.25	105	839521	54.219	ug/l	100
74) N-amyl acetate	12.07	43	310654	47.151	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	259558	54.177	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	306988	71.517	ug/l #	100
77) Bromobenzene	12.53	156	219400	47.398	ug/l	98
78) n-propylbenzene	12.59	91	916803	48.360	ug/l	100
79) 2-Chlorotoluene	12.67	91	561727	54.252	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	696746	53.644	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	67326	55.745	ug/l	93
82) 4-Chlorotoluene	12.77	91	539529	48.200	ug/l	99
83) tert-Butylbenzene	12.99	119	617279	54.629	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	678567	48.691	ug/l	99
85) sec-Butylbenzene	13.17	105	808793	48.539	ug/l	99
86) p-Isopropyltoluene	13.29	119	711534	49.757	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	355268	50.645	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	340128	50.065	ug/l	99
89) n-Butylbenzene	13.61	91	532380	49.178	ug/l	99
90) Hexachloroethane	13.87	117	116398	52.210	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	350928	50.422	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	39022	50.943	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062619\
Data File : VN056495.D
Acq On : 26 Jun 2019 10:37
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jun 27 07:36:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 21 03:45:40 2019
Response via : Initial Calibration

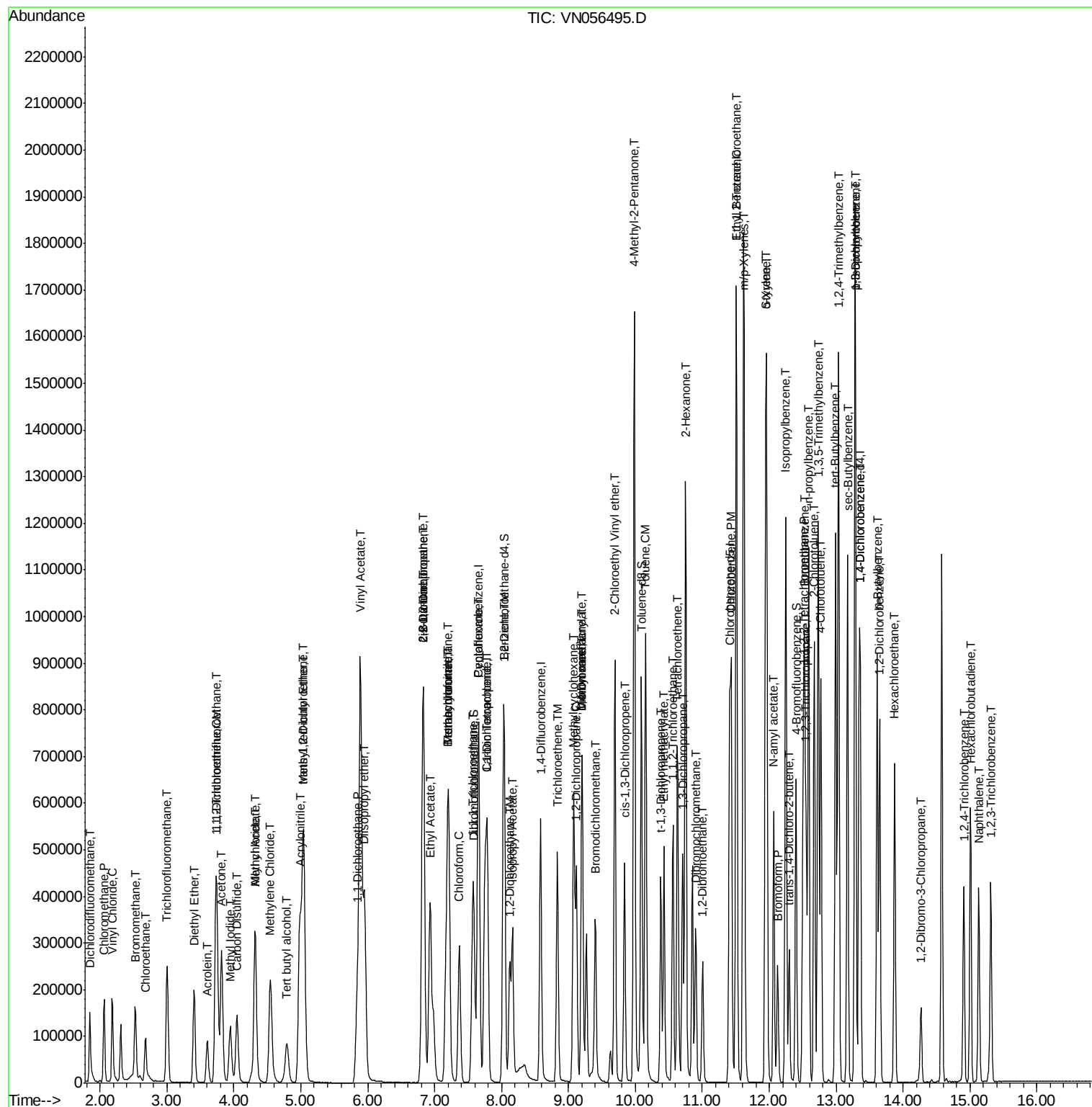
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	149039	42.118	ug/l	99
94) Hexachlorobutadiene	15.01	225	133132	56.697	ug/l	100
95) Naphthalene	15.13	128	371046	40.307	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	161458	43.621	ug/l	99

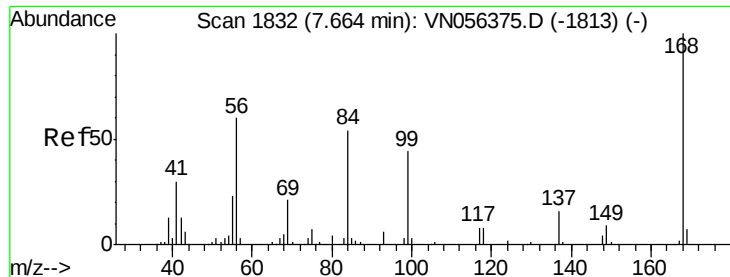
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062619\
Data File : VN056495.D
Acq On : 26 Jun 2019 10:37
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jun 27 07:36:20 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 21 03:45:40 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056495.D

Acq: 26 Jun 2019 10:37

Instrument :

MSVOA_N

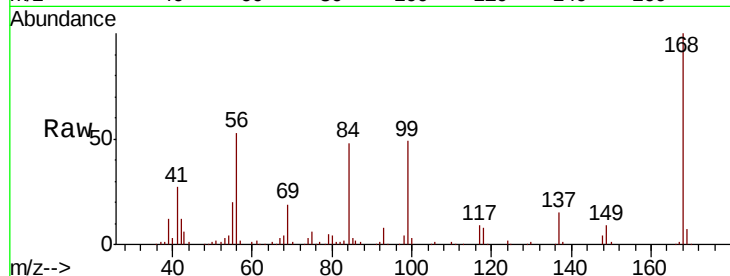
ClientSampleId :

Tot Ion:168 Resp: 355997

Ion Ratio Lower Upper

168 100

99 48.7 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

150000

100000

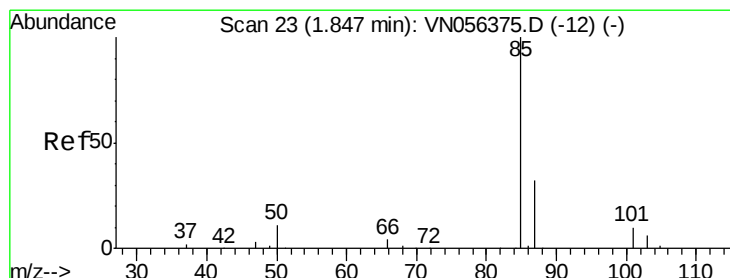
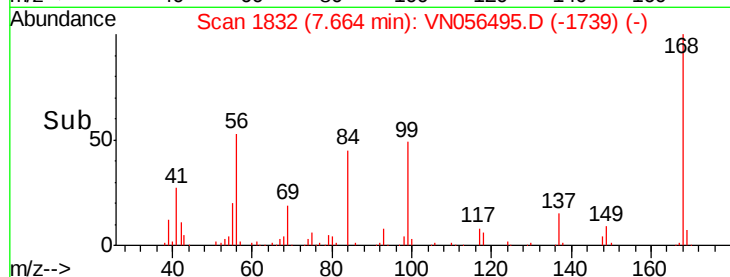
50000

0

7.66

7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 46.815 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN056495.D

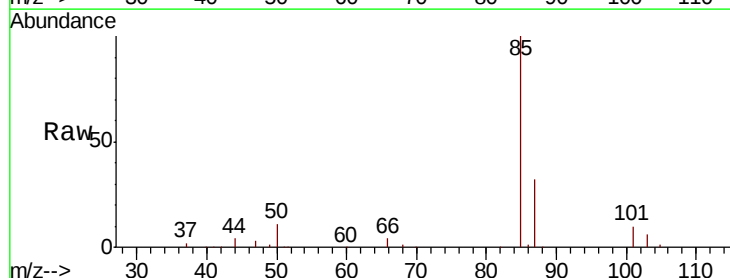
Acq: 26 Jun 2019 10:37

Tgt Ion: 85 Resp: 141118

Ion Ratio Lower Upper

85 100

87 32.2 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

100000

80000

60000

40000

20000

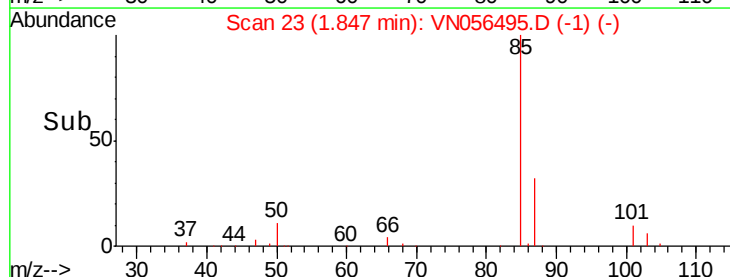
0

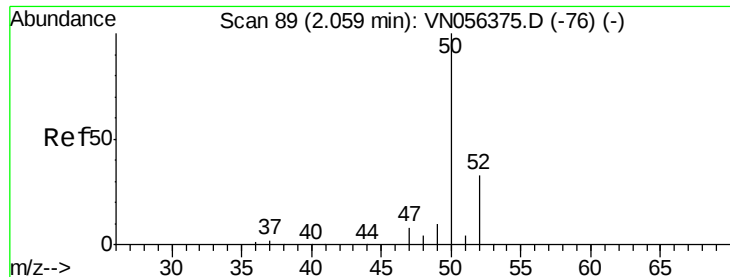
1.85

1.90

2.00

Time-->

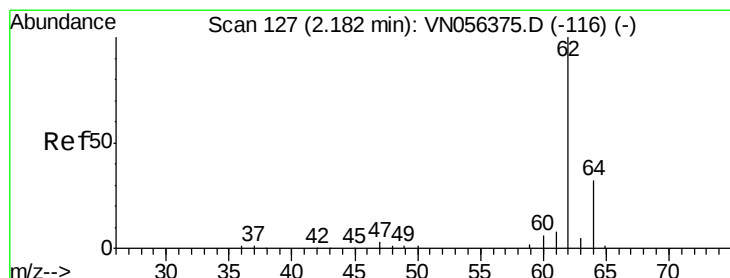
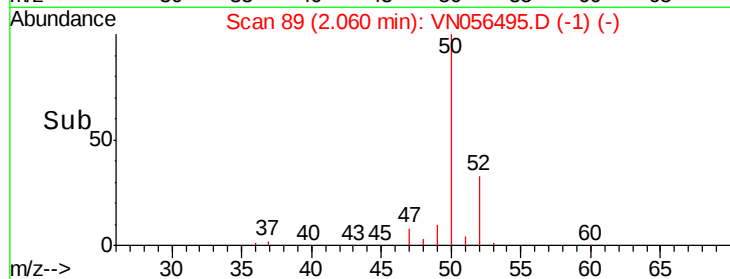
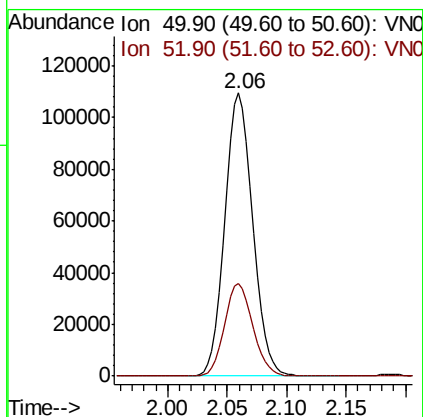
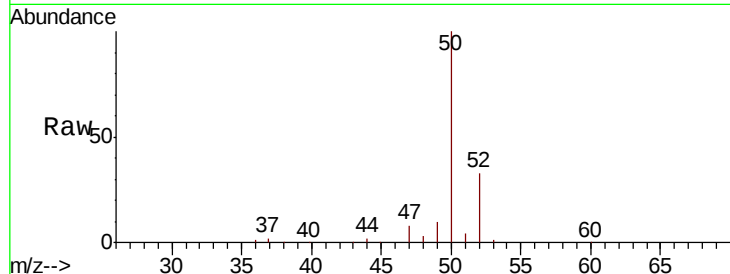




#3
Chloromethane
Concen: 43.389 ug/l
RT: 2.06 min Scan# 89
Delta R.T. 0.00 min
Lab File: VN056495.D
Acq: 26 Jun 2019 10:37

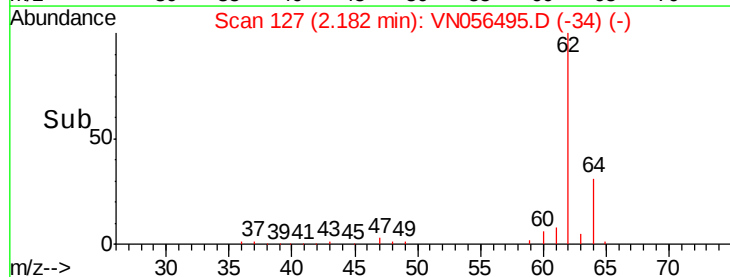
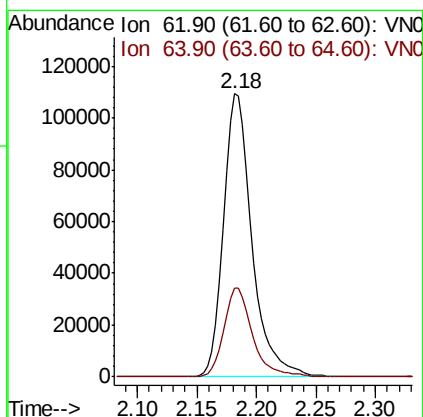
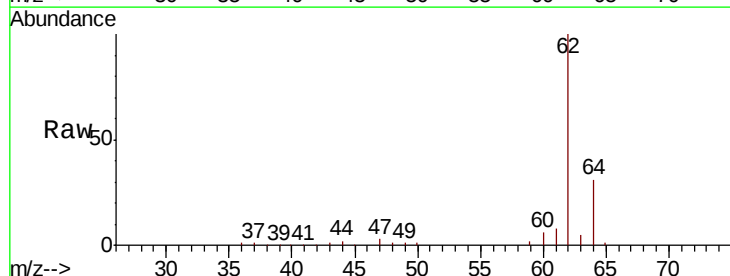
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 50 Resp: 178089
Ion Ratio Lower Upper
50 100
52 32.9 26.5 39.7



#4
Vinyl Chloride
Concen: 45.802 ug/l
RT: 2.18 min Scan# 127
Delta R.T. 0.00 min
Lab File: VN056495.D
Acq: 26 Jun 2019 10:37

Tgt Ion: 62 Resp: 181570
Ion Ratio Lower Upper
62 100
64 31.5 25.7 38.5

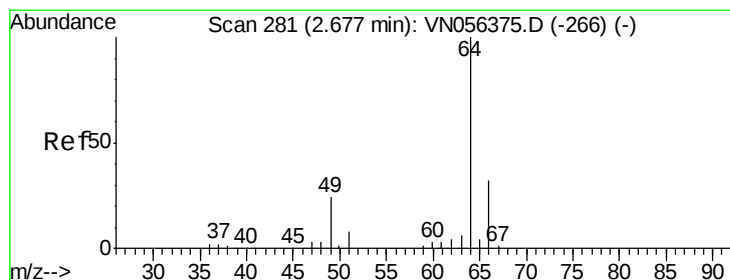
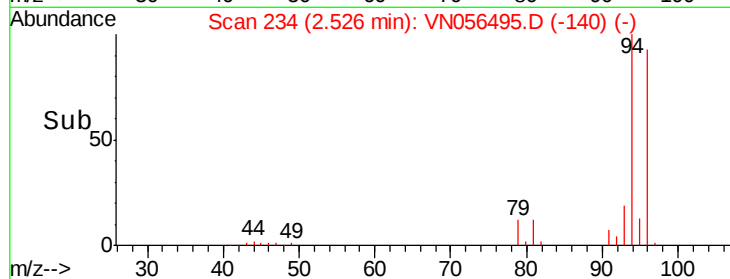
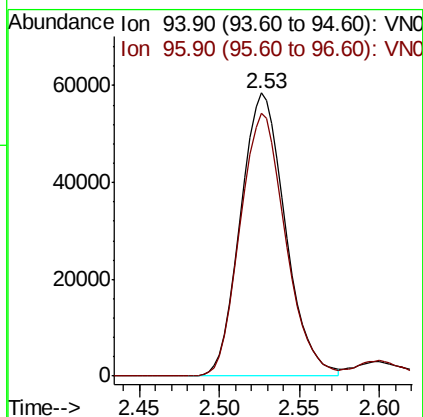
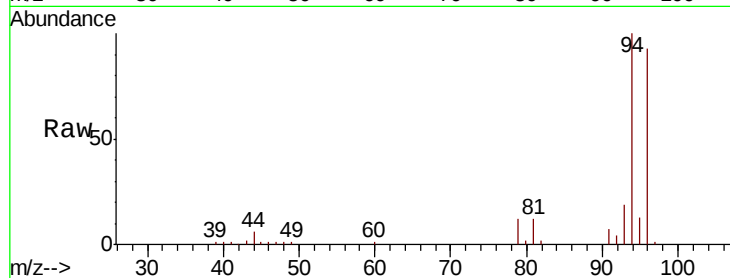




#5
Bromomethane
Concen: 48.292 ug/l
RT: 2.53 min Scan# 234
Delta R.T. 0.00 min
Lab File: VN056495.D
Acq: 26 Jun 2019 10:37

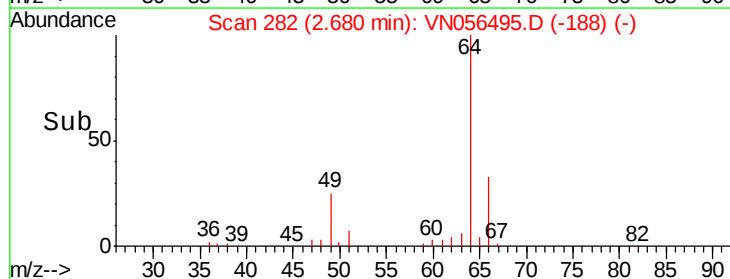
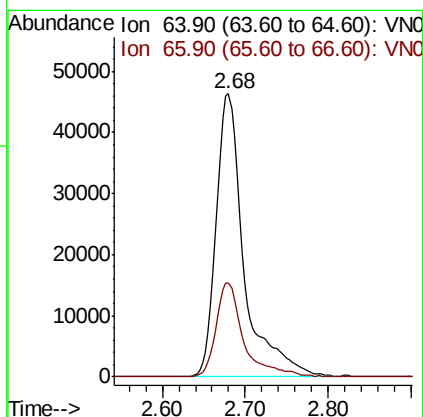
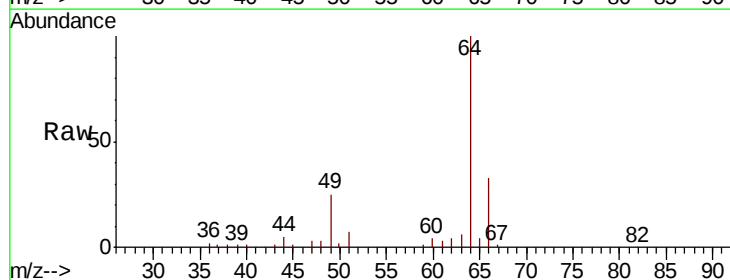
Instrument :
MSVOA_N
ClientSampleId :

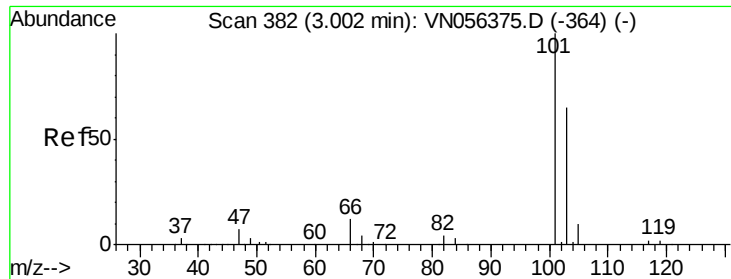
Tot Ion: 94 Resp: 112231
Ion Ratio Lower Upper
94 100
96 92.9 76.0 114.0



#6
Chloroethane
Concen: 47.174 ug/l
RT: 2.68 min Scan# 282
Delta R.T. 0.00 min
Lab File: VN056495.D
Acq: 26 Jun 2019 10:37

Tgt Ion: 64 Resp: 108299
Ion Ratio Lower Upper
64 100
66 33.4 25.8 38.8



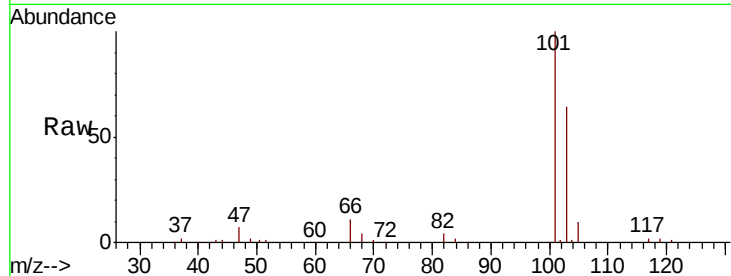


#7

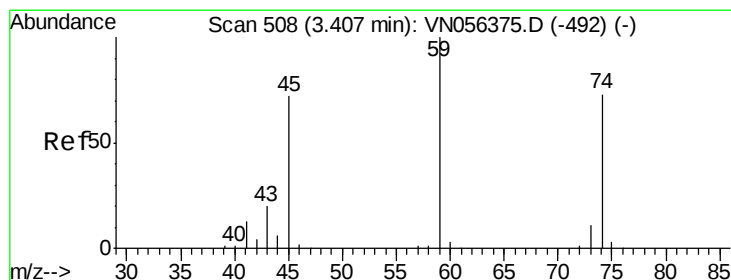
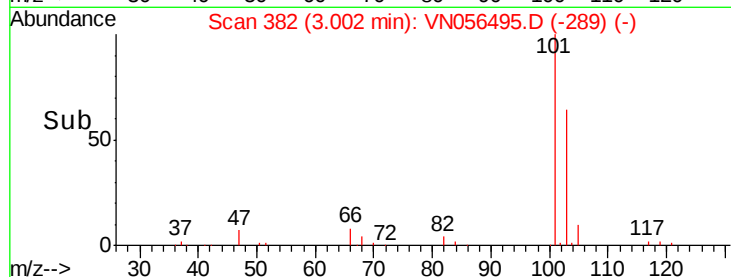
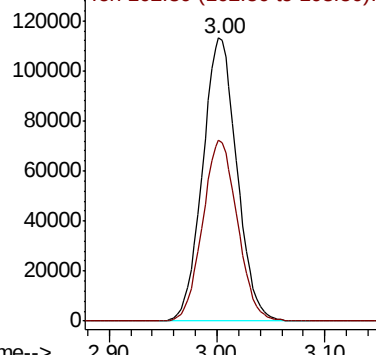
Trichlorofluoromethane
Concen: 48.855 ug/l
RT: 3.00 min Scan# 382
Delta R.T. 0.00 min
Lab File: VN056495.D
Acq: 26 Jun 2019 10:37

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:101 Resp: 250529
Ion Ratio Lower Upper
101 100
103 64.1 51.7 77.5



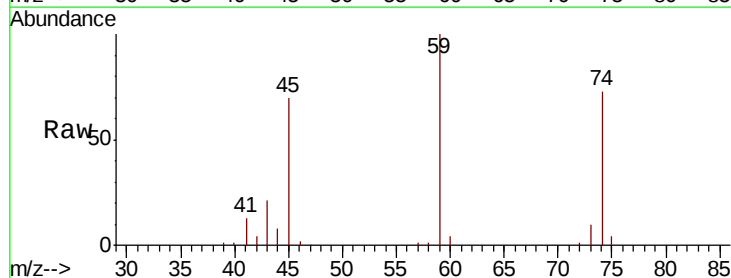
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



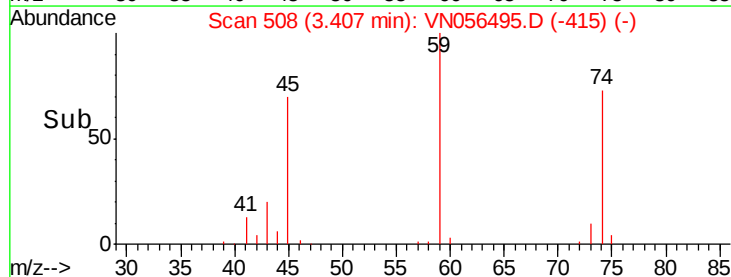
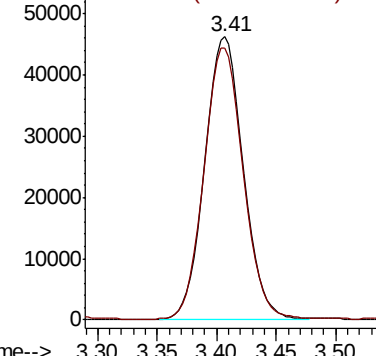
#8

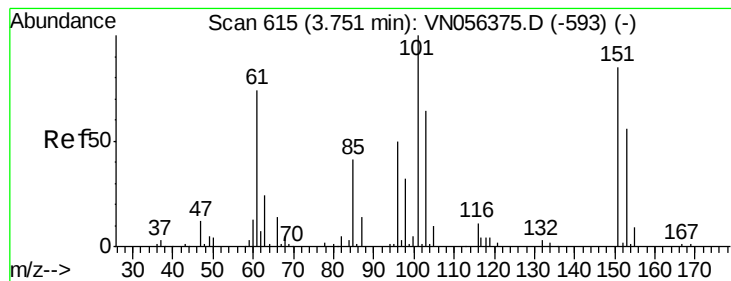
Diethyl Ether
Concen: 47.905 ug/l
RT: 3.41 min Scan# 508
Delta R.T. 0.00 min
Lab File: VN056495.D
Acq: 26 Jun 2019 10:37

Tgt Ion: 74 Resp: 103965
Ion Ratio Lower Upper
74 100
45 97.9 48.9 146.6



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.060 ug/l

RT: 3.75 min Scan# 615

Delta R.T. 0.00 min

Lab File: VN056495.D

Acq: 26 Jun 2019 10:37

Instrument :

MSVOA_N

ClientSampled :

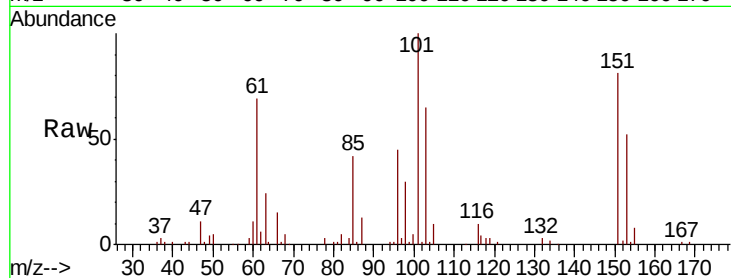
Tot Ion:101 Resp: 163706

Ion Ratio Lower Upper

101 100

85 42.0 32.7 49.1

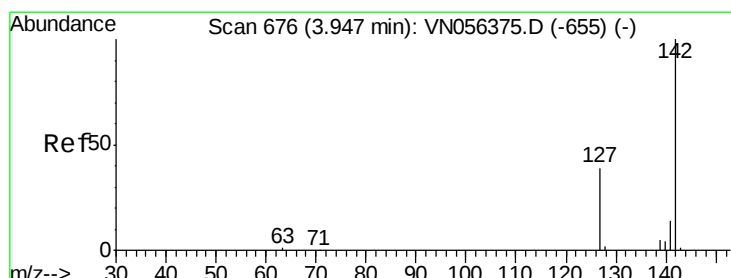
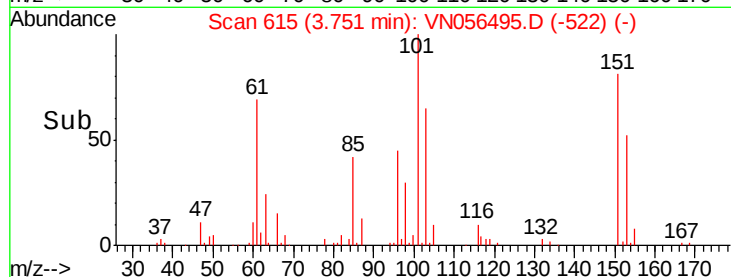
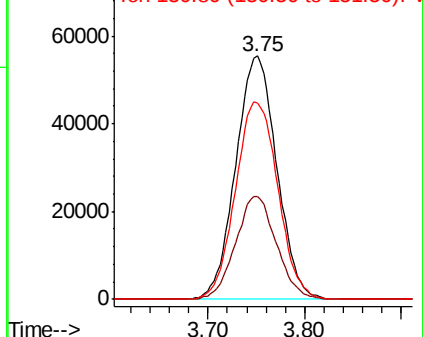
151 83.8 66.8 100.2



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: 49.190 ug/l

RT: 3.95 min Scan# 676

Delta R.T. 0.00 min

Lab File: VN056495.D

Acq: 26 Jun 2019 10:37

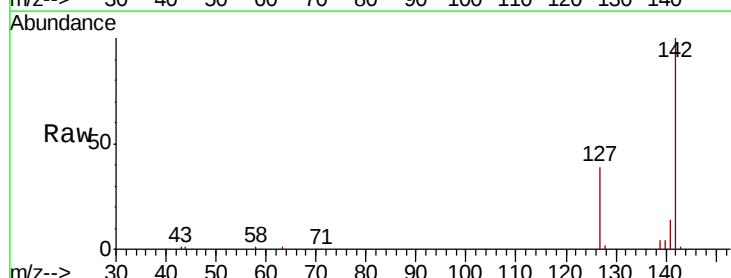
Tgt Ion:142 Resp: 217414

Ion Ratio Lower Upper

142 100

127 38.4 30.6 46.0

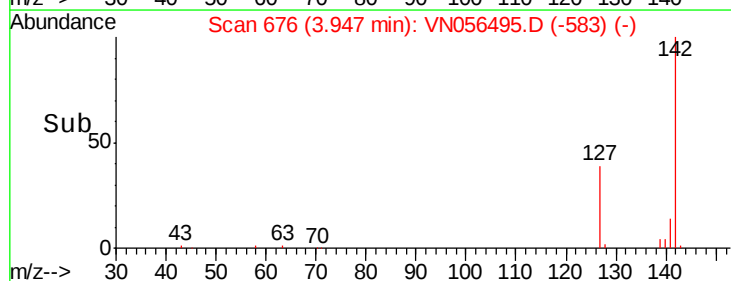
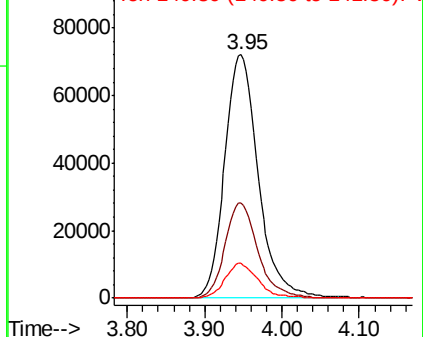
141 13.9 11.4 17.2

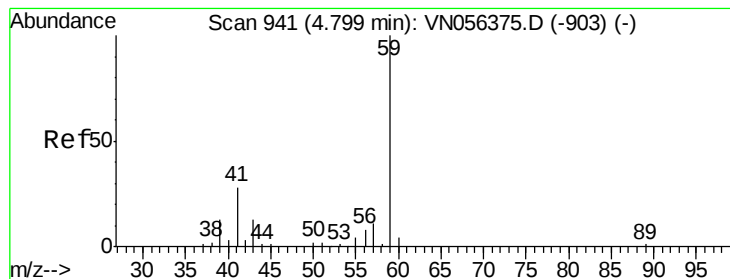


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



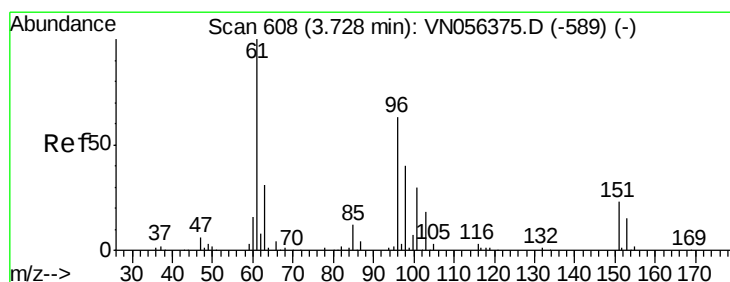
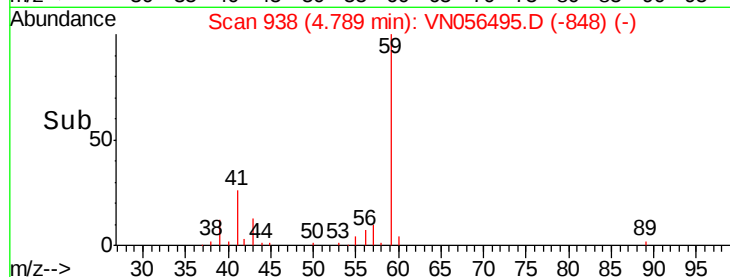
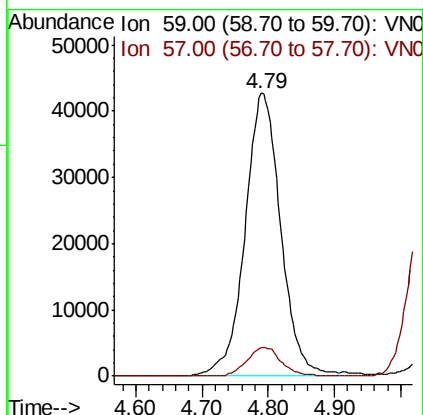
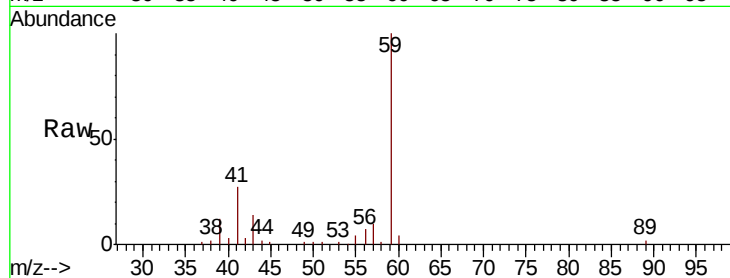


#11

Tert butyl alcohol
 Concen: 240.603 ug/l
 RT: 4.79 min Scan# 938
 Delta R.T. -0.01 min
 Lab File: VN056495.D
 Acq: 26 Jun 2019 10:37

Instrument :
 MSVOA_N
 ClientSampled :

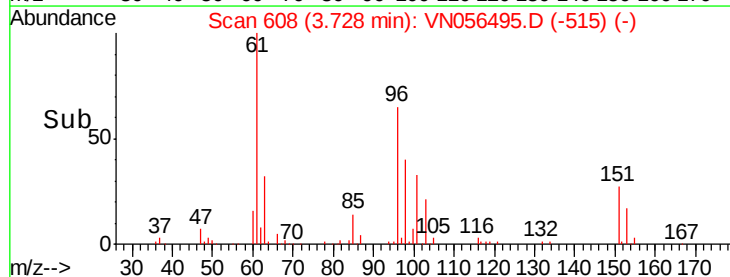
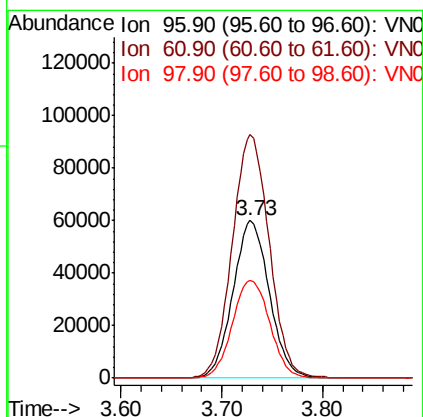
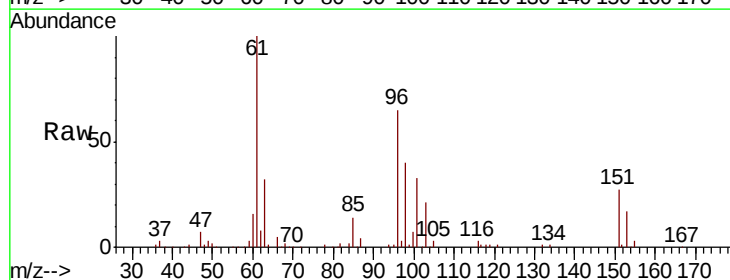
Tot Ion: 59 Resp: 159888
 Ion Ratio Lower Upper
 59 100
 57 9.9 7.6 11.4

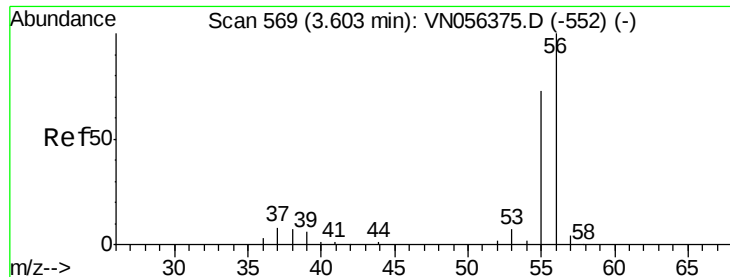


#12

1,1-Dichloroethene
 Concen: 47.755 ug/l
 RT: 3.73 min Scan# 608
 Delta R.T. 0.00 min
 Lab File: VN056495.D
 Acq: 26 Jun 2019 10:37

Tgt Ion: 96 Resp: 150180
 Ion Ratio Lower Upper
 96 100
 61 154.6 126.6 190.0
 98 62.2 51.1 76.7





#13

Acrolein

Concen: 184.747 ug/l

RT: 3.60 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN056495.D

Acq: 26 Jun 2019 10:37

Instrument :

MSVOA_N

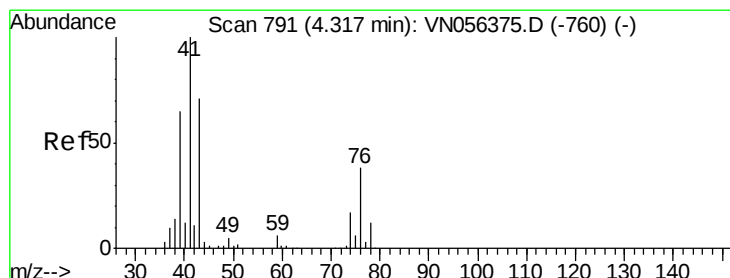
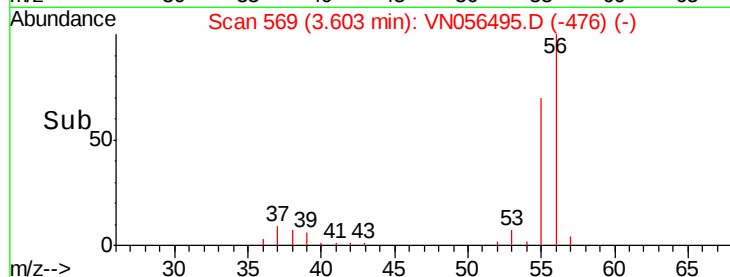
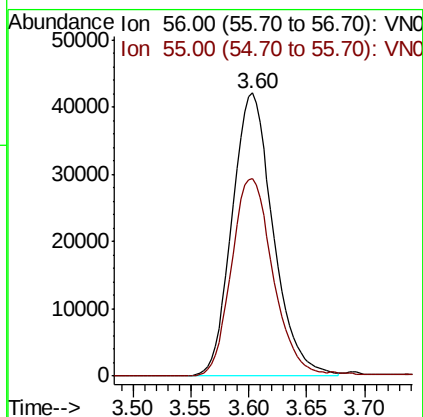
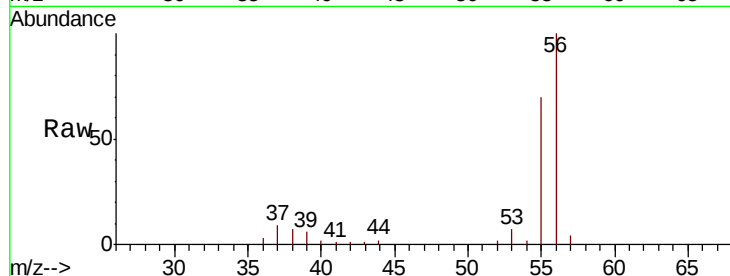
ClientSampleId :

Tot Ion: 56 Resp: 103473

Ion Ratio Lower Upper

56 100

55 71.3 57.1 85.7



#14

Allyl chloride

Concen: 50.020 ug/l

RT: 4.32 min Scan# 791

Delta R.T. 0.00 min

Lab File: VN056495.D

Acq: 26 Jun 2019 10:37

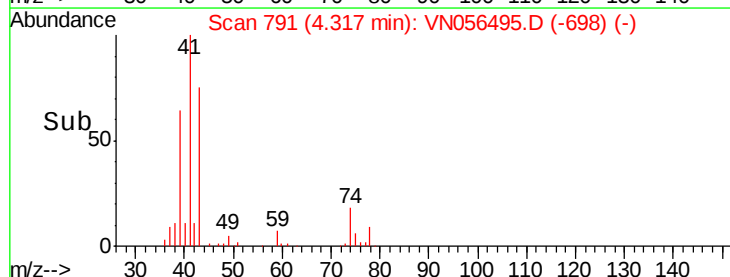
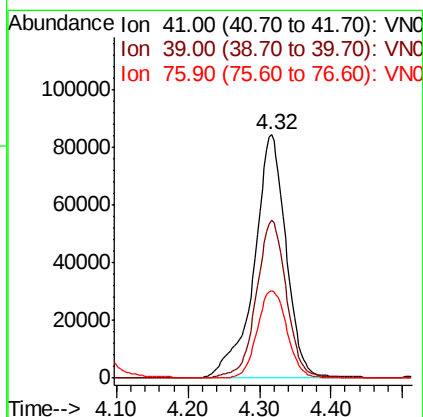
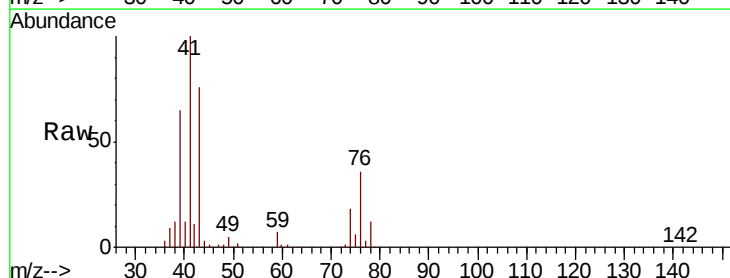
Tgt Ion: 41 Resp: 261852

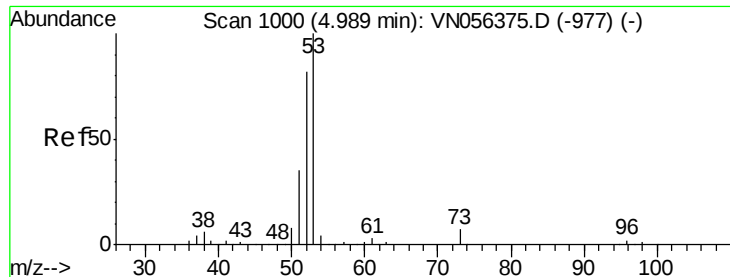
Ion Ratio Lower Upper

41 100

39 61.2 48.6 73.0

76 33.4 26.6 40.0





#15

Acrylonitrile

Concen: 246.688 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN056495.D

Acq: 26 Jun 2019 10:37

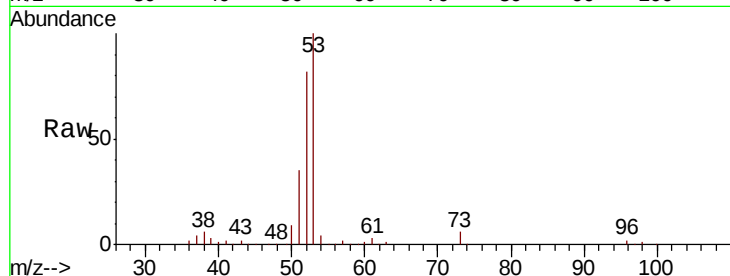
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 53 Resp: 453518

Ion	Ratio	Lower	Upper
53	100		
52	82.6	65.9	98.9
51	35.2	28.3	42.5



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

4.99

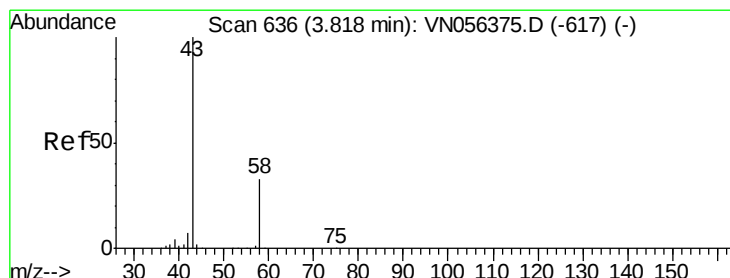
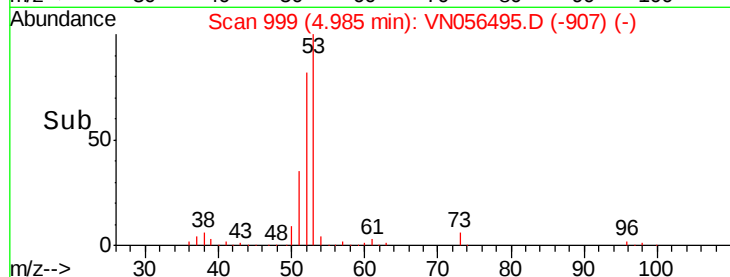
150000

100000

50000

0

Time--> 4.80 4.90 5.00 5.10 5.20



#16

Acetone

Concen: 241.089 ug/l

RT: 3.82 min Scan# 635

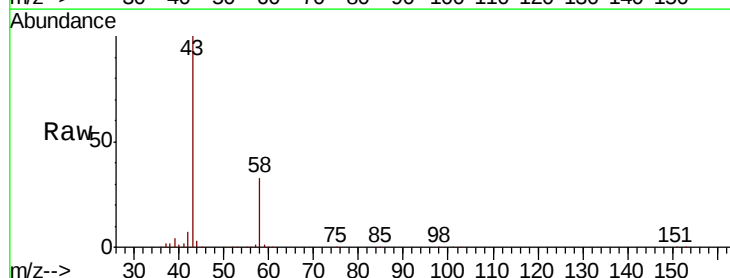
Delta R.T. -0.00 min

Lab File: VN056495.D

Acq: 26 Jun 2019 10:37

Tgt Ion: 43 Resp: 476579

Ion	Ratio	Lower	Upper
43	100		
58	32.6	26.4	39.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.82

200000

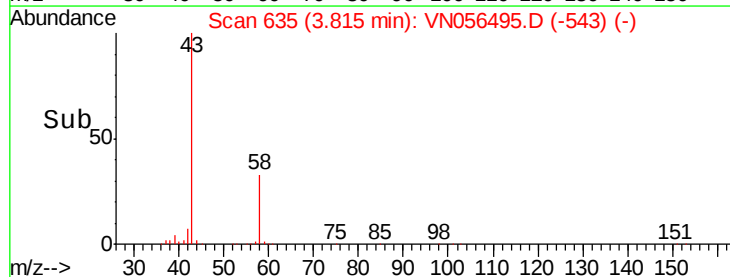
150000

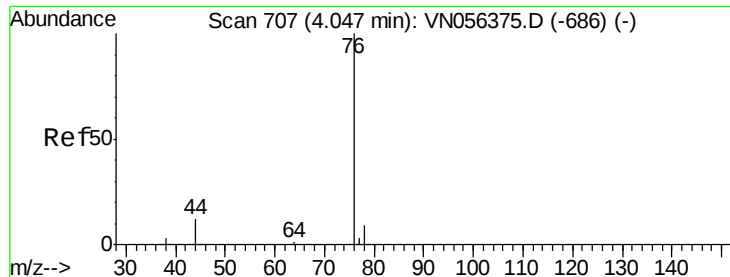
100000

50000

0

Time--> 3.60 3.70 3.80 3.90 4.00

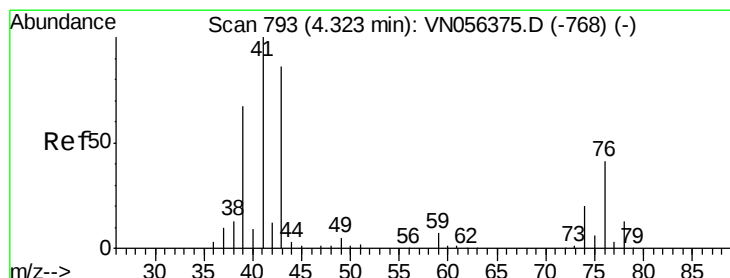
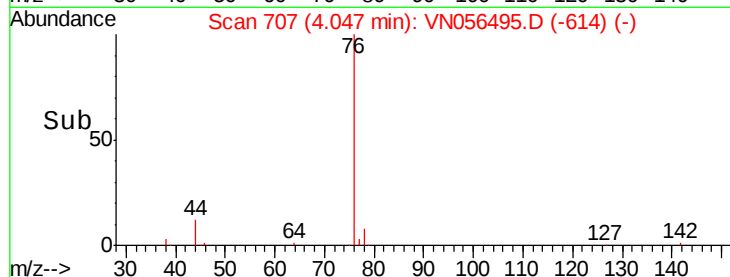
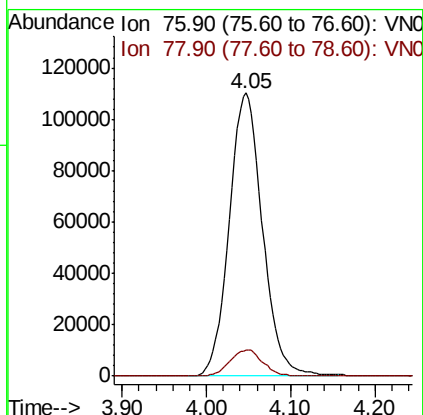
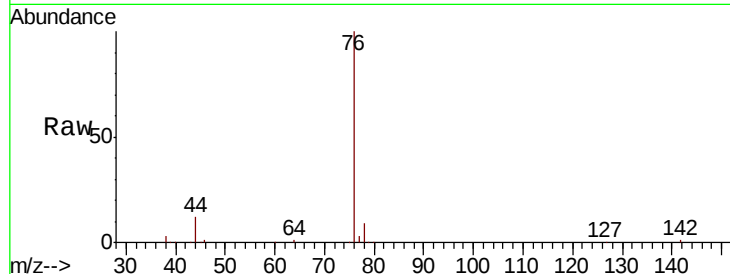




#17
Carbon Disulfide
Concen: 42.270 ug/l
RT: 4.05 min Scan# 707
Delta R.T. 0.00 min
Lab File: VN056495.D
Acq: 26 Jun 2019 10:37

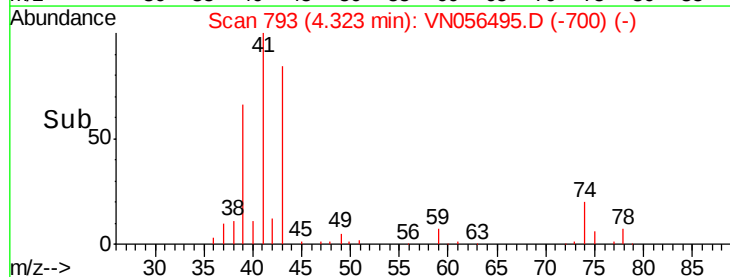
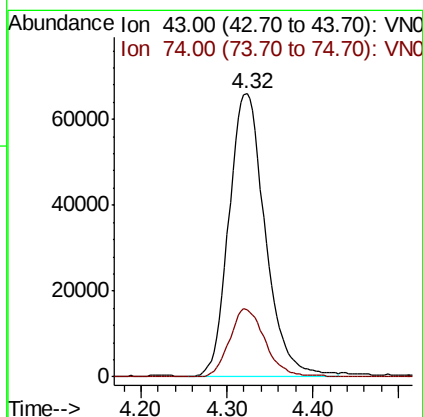
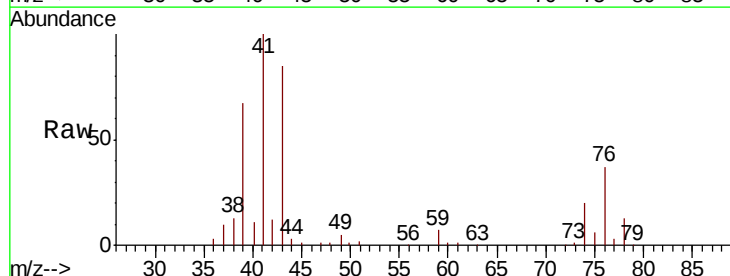
Instrument :
MSVOA_N
ClientSampled :

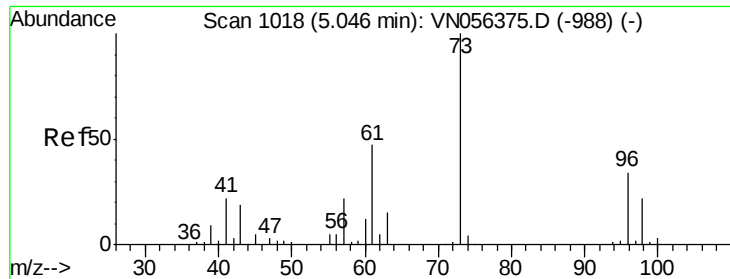
Tot Ion: 76 Resp: 302348
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7



#18
Methyl Acetate
Concen: 49.718 ug/l
RT: 4.32 min Scan# 793
Delta R.T. 0.00 min
Lab File: VN056495.D
Acq: 26 Jun 2019 10:37

Tgt Ion: 43 Resp: 192513
Ion Ratio Lower Upper
43 100
74 23.9 19.2 28.8

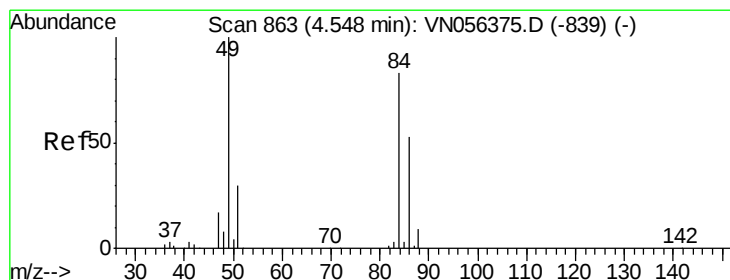
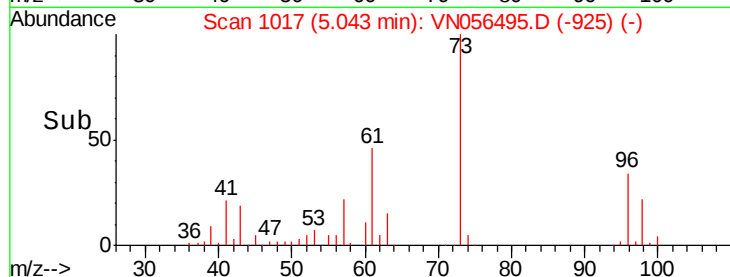
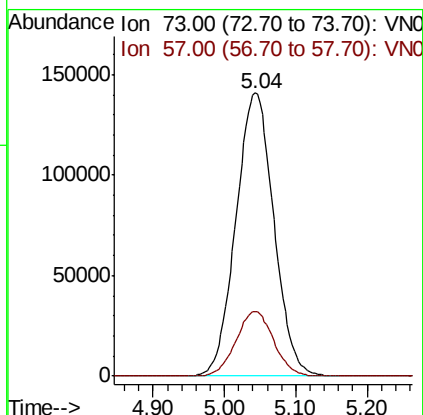
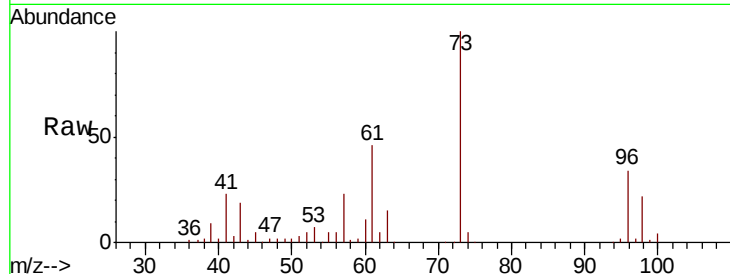




#19
Methyl tert-butyl Ether
Concen: 50.127 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VN056495.D
Acq: 26 Jun 2019 10:37

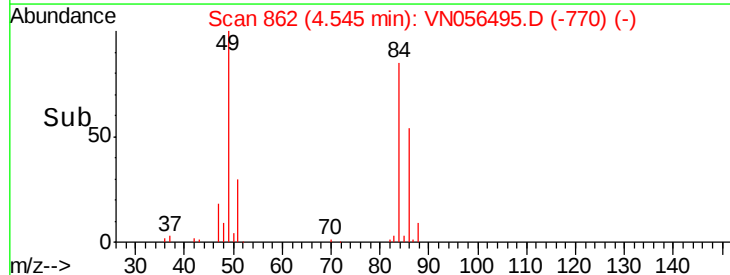
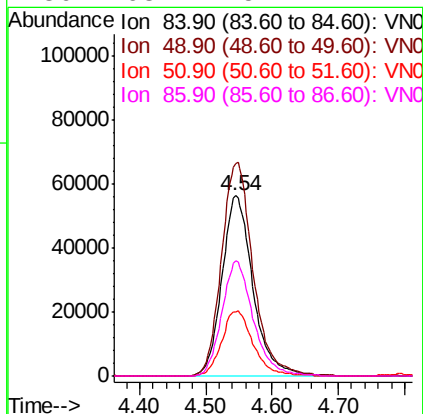
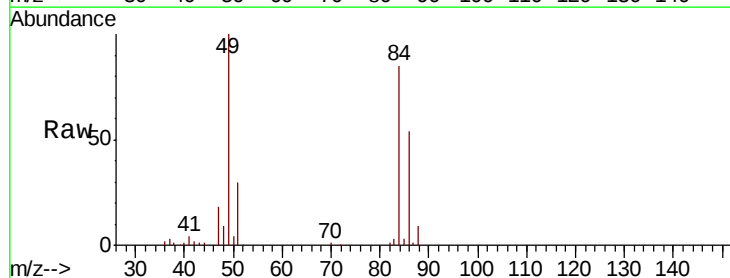
Instrument :
MSVOA_N
ClientSampled :

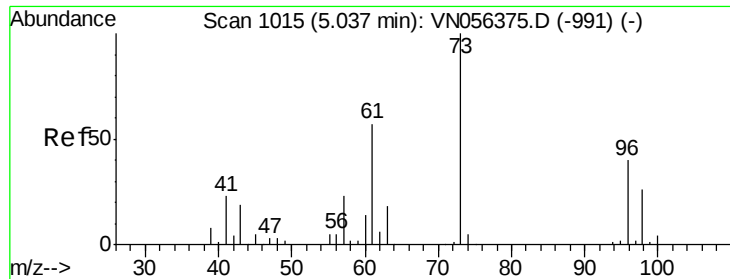
Tot Ion: 73 Resp: 521626
Ion Ratio Lower Upper
73 100
57 22.9 17.9 26.9



#20
Methylene Chloride
Concen: 49.130 ug/l
RT: 4.54 min Scan# 862
Delta R.T. -0.00 min
Lab File: VN056495.D
Acq: 26 Jun 2019 10:37

Tgt Ion: 84 Resp: 183139
Ion Ratio Lower Upper
84 100
49 118.0 96.4 144.6
51 35.8 28.6 43.0
86 63.7 51.4 77.2

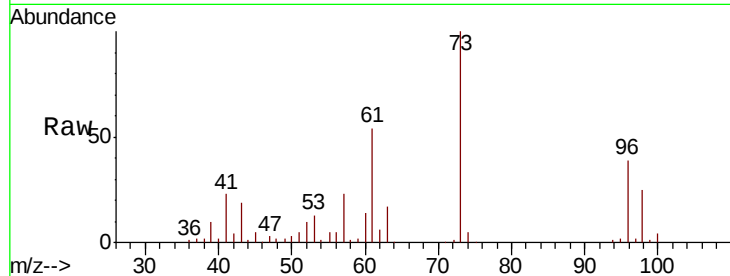




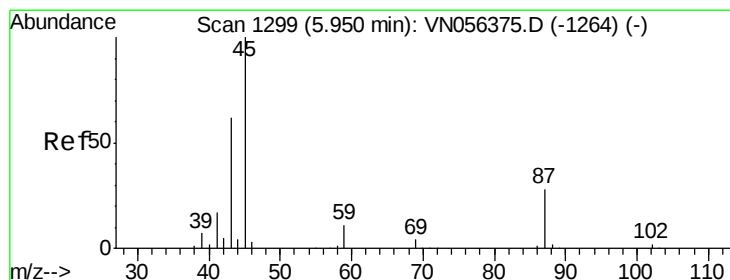
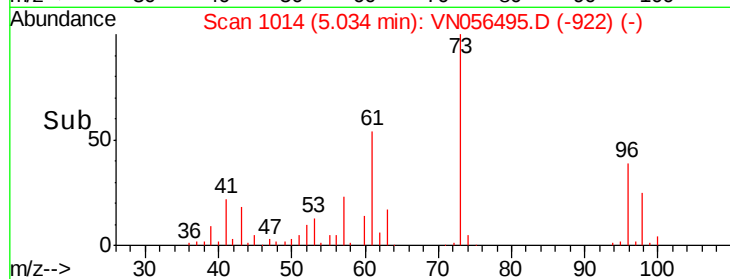
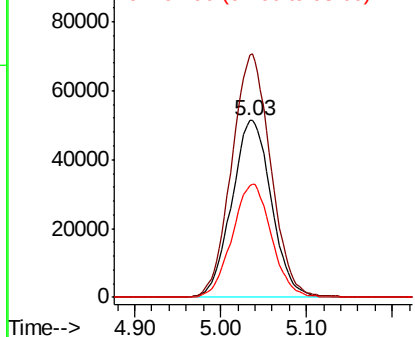
#21
trans-1,2-Dichloroethene
Concen: 48.479 ug/l
RT: 5.03 min Scan# 1014
Delta R.T. -0.00 min
Lab File: VN056495.D
Acq: 26 Jun 2019 10:37

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 96 Resp: 164370
Ion Ratio Lower Upper
96 100
61 136.7 113.0 169.6
98 63.0 52.2 78.2

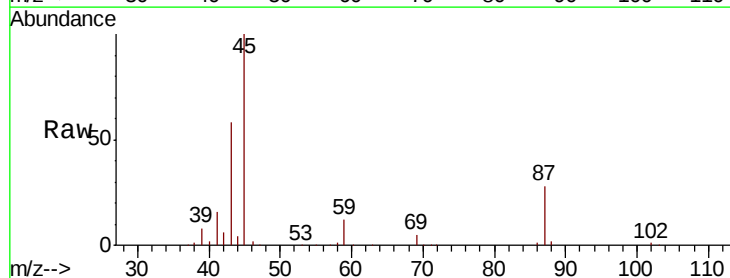


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

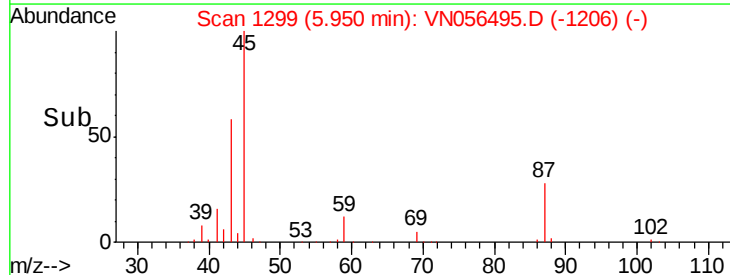
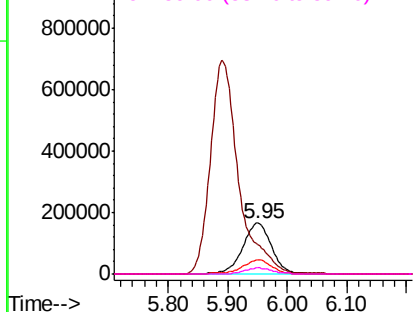


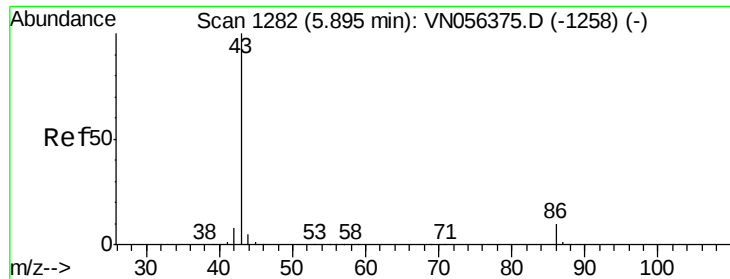
#22
Diisopropyl ether
Concen: 51.357 ug/l
RT: 5.95 min Scan# 1299
Delta R.T. 0.00 min
Lab File: VN056495.D
Acq: 26 Jun 2019 10:37

Tgt Ion: 45 Resp: 564625
Ion Ratio Lower Upper
45 100
43 57.1 50.4 75.6
87 27.8 23.0 34.4
59 11.5 9.1 13.7



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: 264.727 ug/l

RT: 5.89 min Scan# 1280

Delta R.T. -0.01 min

Lab File: VN056495.D

Acq: 26 Jun 2019 10:37

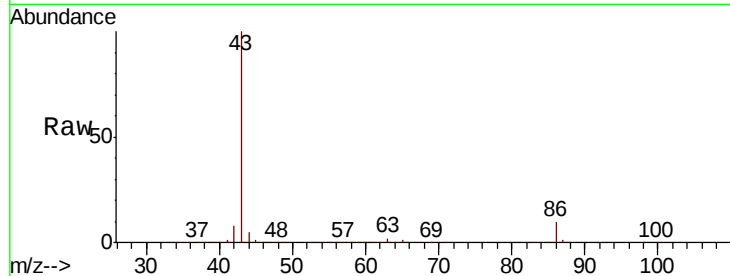
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 2295569

Ion Ratio Lower Upper

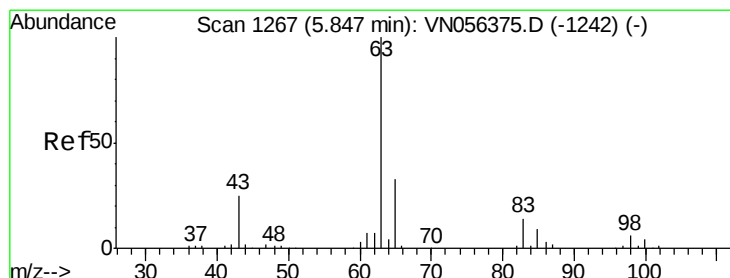
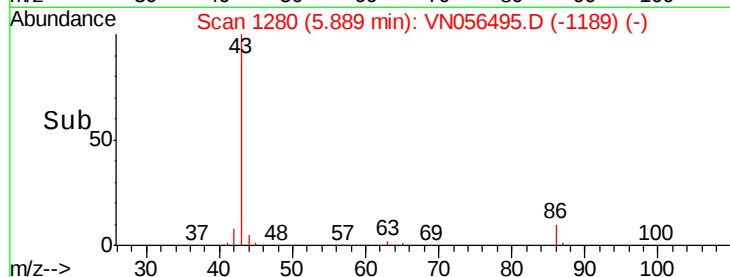
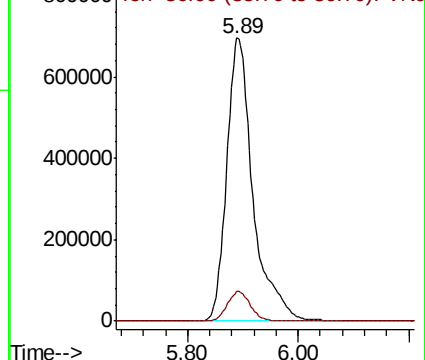
43 100

86 10.4 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VN056495.D (-1189) (-)

Ion 86.00 (85.70 to 86.70): VN056495.D (-1189) (-)



#24

1,1-Dichloroethane

Concen: 50.072 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. -0.00 min

Lab File: VN056495.D

Acq: 26 Jun 2019 10:37

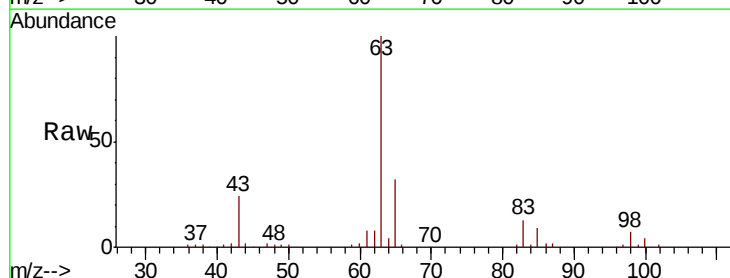
Tgt Ion: 63 Resp: 316007

Ion Ratio Lower Upper

63 100

98 6.5 3.2 9.6

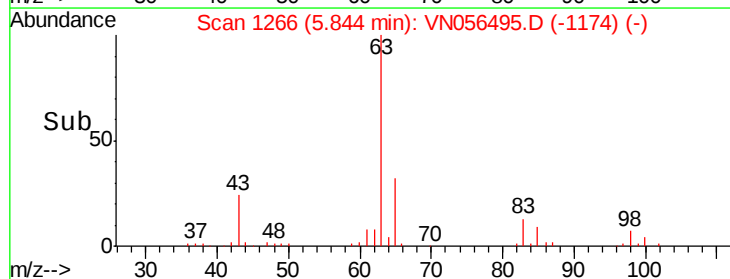
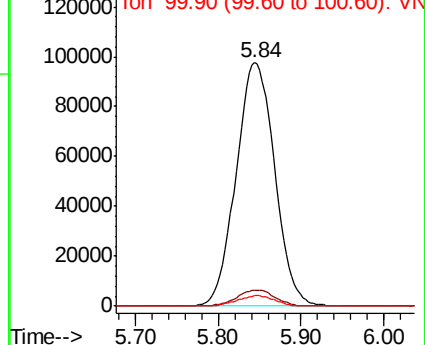
100 4.1 2.1 6.5

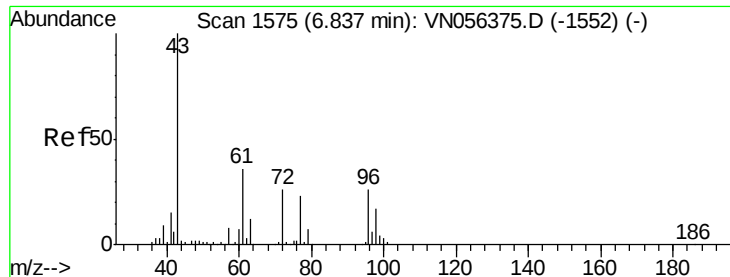


Abundance Ion 62.90 (62.60 to 63.60): VN056495.D (-1174) (-)

Ion 97.90 (97.60 to 98.60): VN056495.D (-1174) (-)

Ion 99.90 (99.60 to 100.60): VN056495.D (-1174) (-)

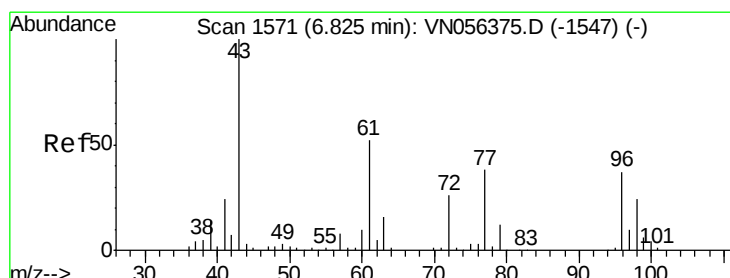
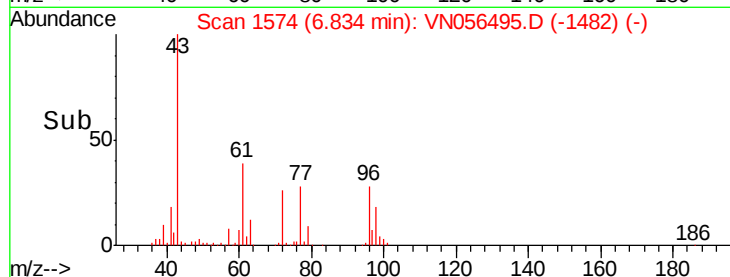
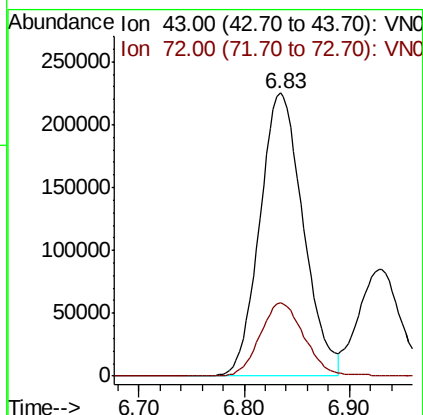
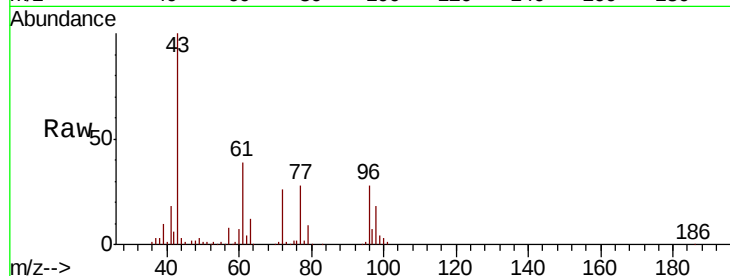




#25
2-Butanone
Concen: 245.555 ug/l
RT: 6.83 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VN056495.D
Acq: 26 Jun 2019 10:37

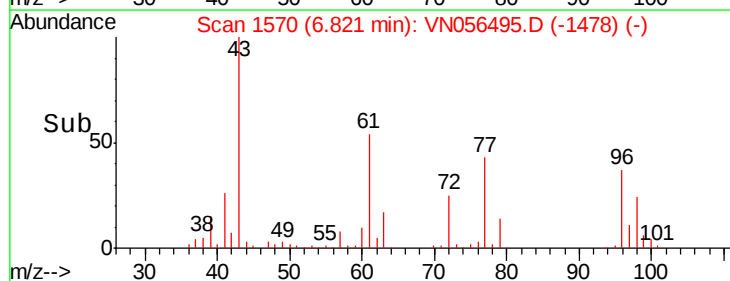
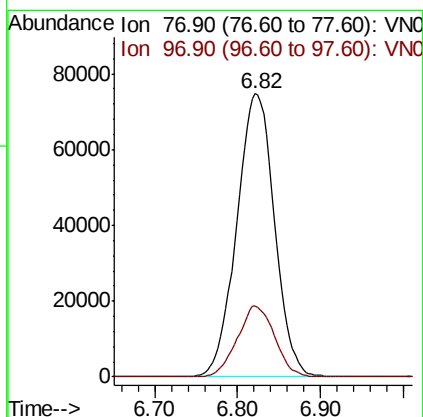
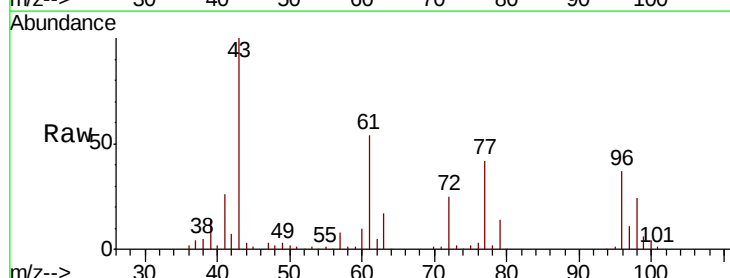
Instrument :
MSVOA_N
ClientSampled :

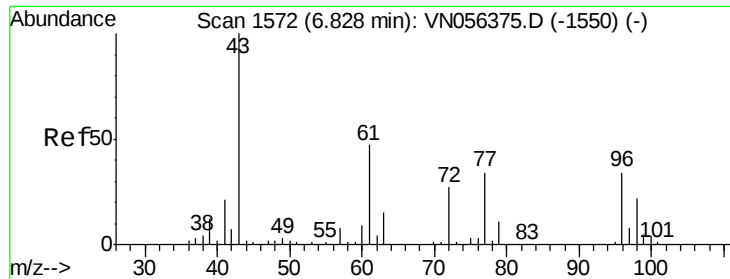
Tot Ion: 43 Resp: 642438
Ion Ratio Lower Upper
43 100
72 26.0 20.6 31.0



#26
2,2-Dichloropropane
Concen: 53.822 ug/l
RT: 6.82 min Scan# 1570
Delta R.T. -0.00 min
Lab File: VN056495.D
Acq: 26 Jun 2019 10:37

Tgt Ion: 77 Resp: 236242
Ion Ratio Lower Upper
77 100
97 24.7 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 50.217 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN056495.D

Acq: 26 Jun 2019 10:37

Instrument :
MSVOA_N
ClientSampleId :

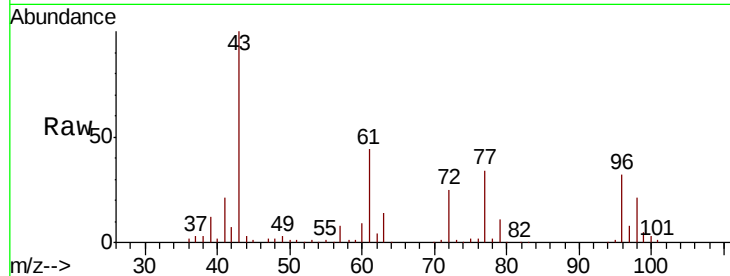
Tot Ion: 96 Resp: 199200

Ion Ratio Lower Upper

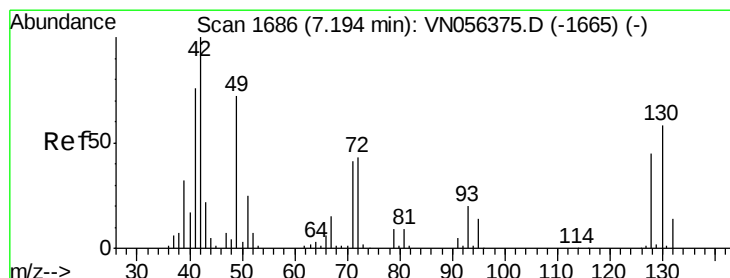
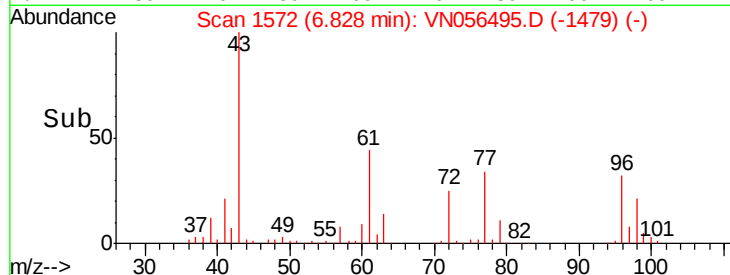
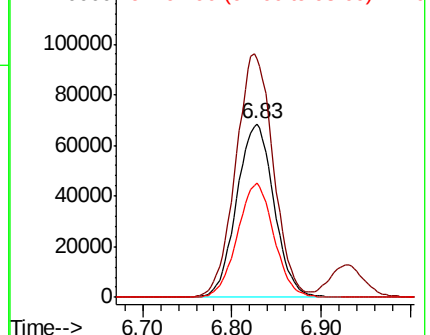
96 100

61 141.2 0.0 279.8

98 64.6 0.0 130.0



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: 49.851 ug/l

RT: 7.19 min Scan# 1685

Delta R.T. -0.00 min

Lab File: VN056495.D

Acq: 26 Jun 2019 10:37

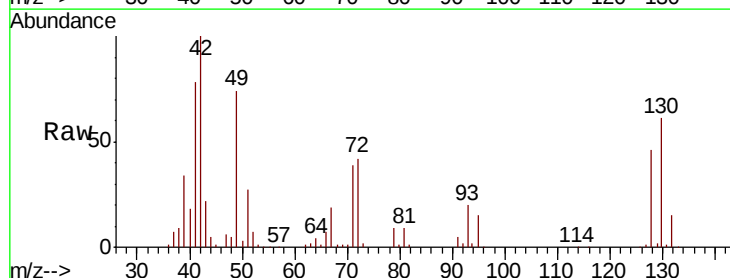
Tgt Ion: 49 Resp: 155614

Ion Ratio Lower Upper

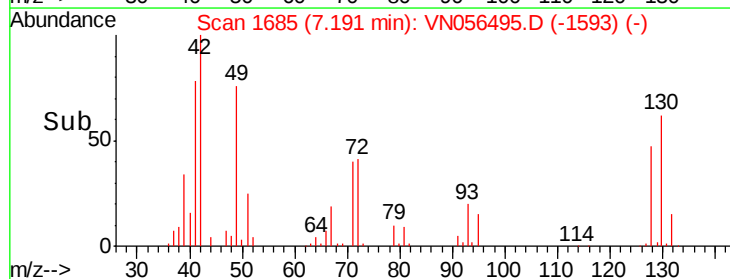
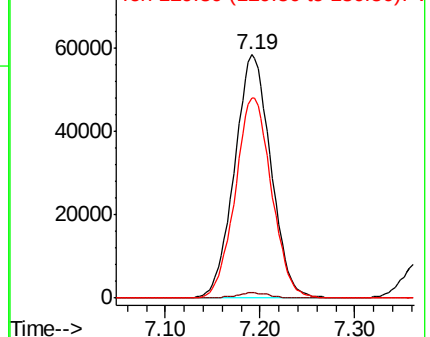
49 100

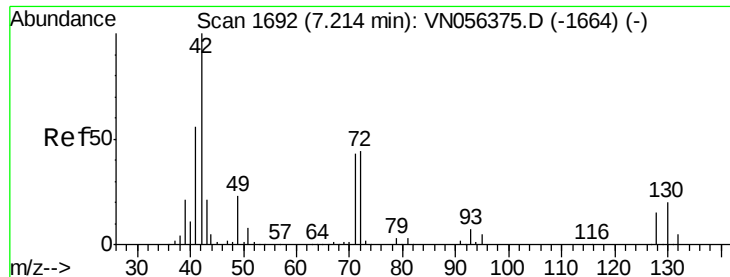
129 1.9 0.0 4.2

130 82.3 64.9 97.3



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

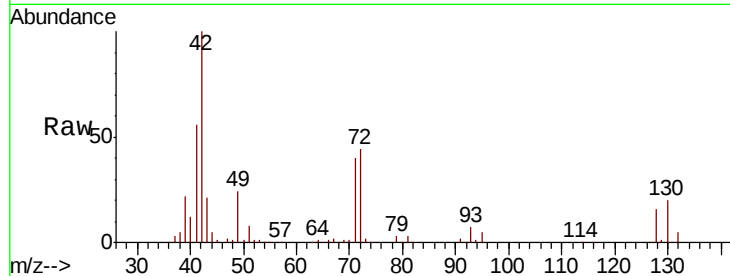




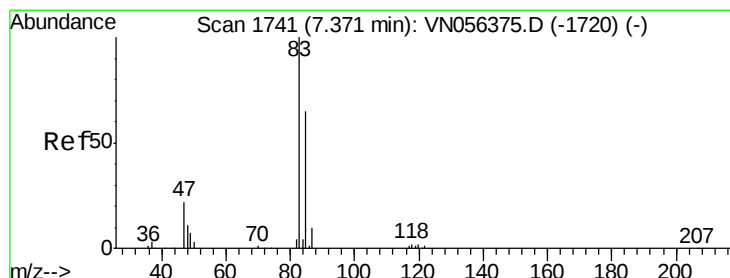
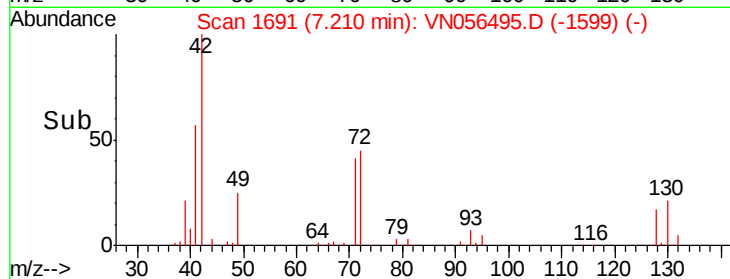
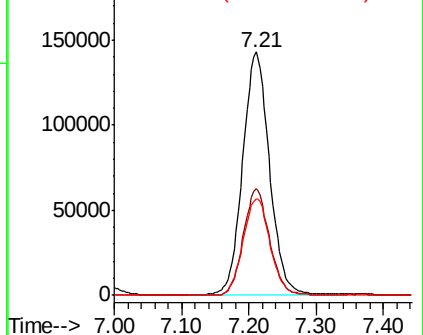
#29
Tetrahydrofuran
Concen: 249.337 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VN056495.D
Acq: 26 Jun 2019 10:37

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.5	34.7	52.1
71	40.1	33.0	49.6

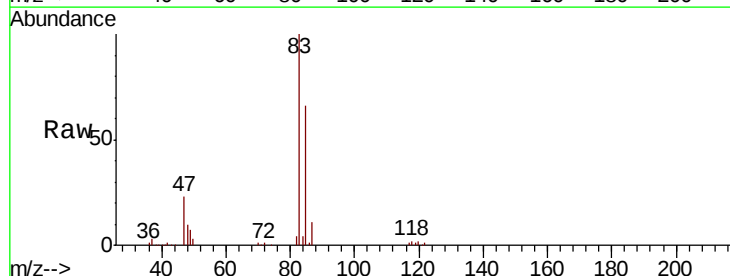


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

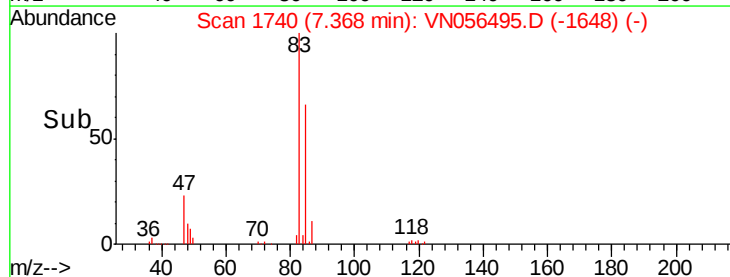
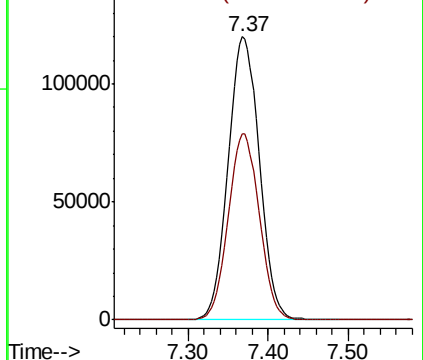


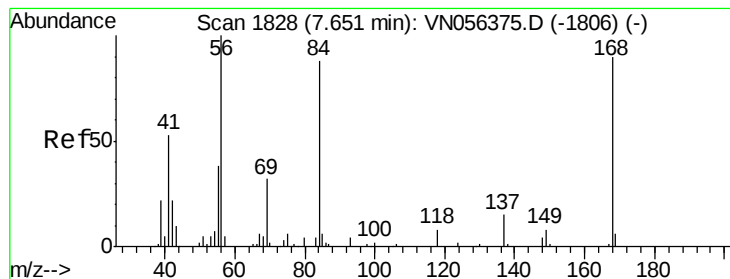
#30
Chloroform
Concen: 51.097 ug/l
RT: 7.37 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VN056495.D
Acq: 26 Jun 2019 10:37

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.8	52.3	78.5



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





#31

Cyclohexane

Concen: 45.681 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN056495.D

Acq: 26 Jun 2019 10:37

Instrument :

MSVOA_N

ClientSampled :

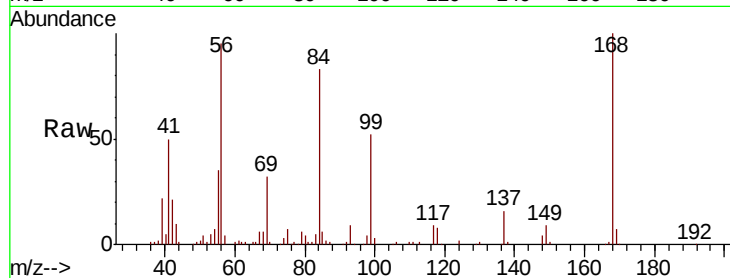
Tot Ion: 56 Resp: 278325

Ion Ratio Lower Upper

56 100

69 33.0 25.8 38.6

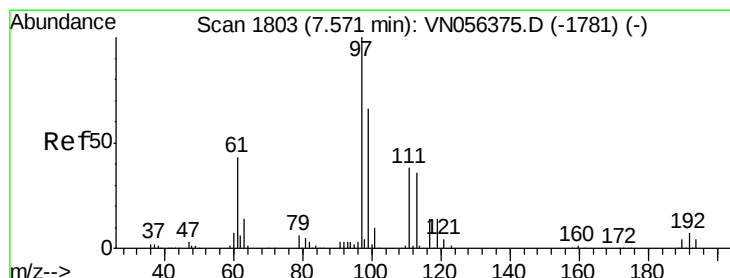
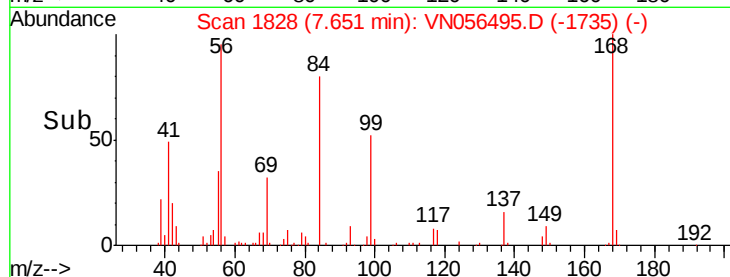
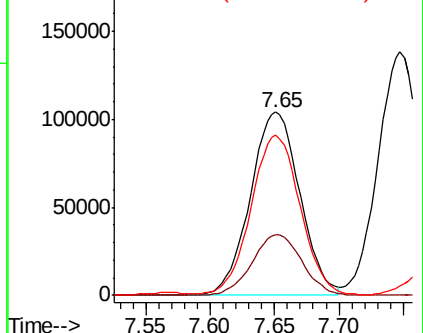
84 86.2 69.4 104.0



Abundance Ion 56.00 (55.70 to 56.70): VN056375.D (-1806) (-)

Ion 69.00 (68.70 to 69.70): VN056375.D (-1806) (-)

Ion 84.00 (83.70 to 84.70): VN056375.D (-1806) (-)



#32

1,1,1-Trichloroethane

Concen: 51.759 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VN056495.D

Acq: 26 Jun 2019 10:37

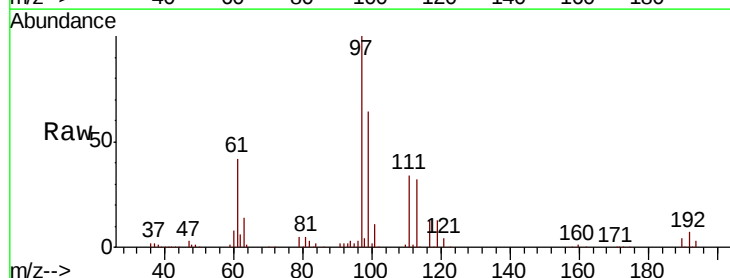
Tgt Ion: 97 Resp: 255490

Ion Ratio Lower Upper

97 100

99 64.7 51.8 77.6

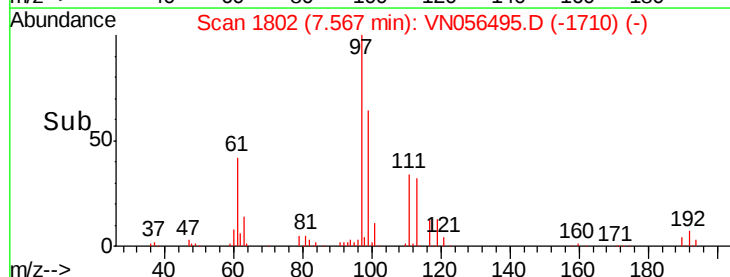
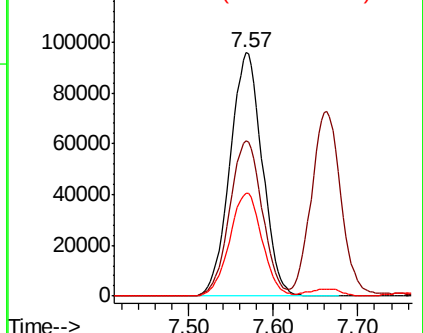
61 42.7 33.9 50.9

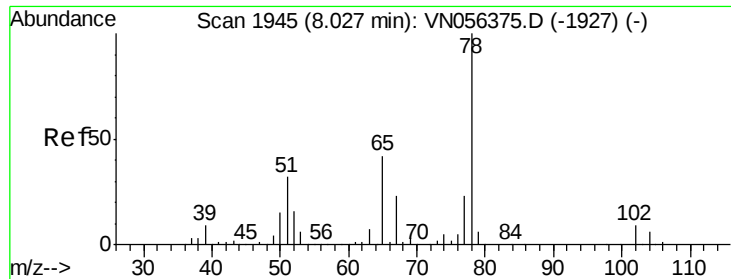


Abundance Ion 96.90 (96.60 to 97.60): VN056375.D (-1781) (-)

Ion 98.90 (98.60 to 99.60): VN056375.D (-1781) (-)

Ion 60.90 (60.60 to 61.60): VN056375.D (-1781) (-)

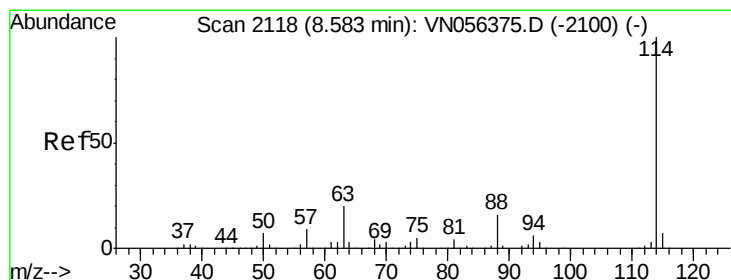
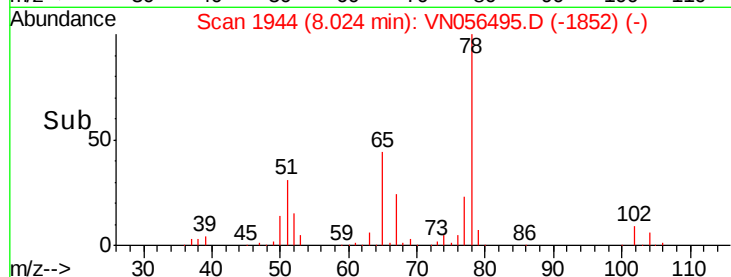
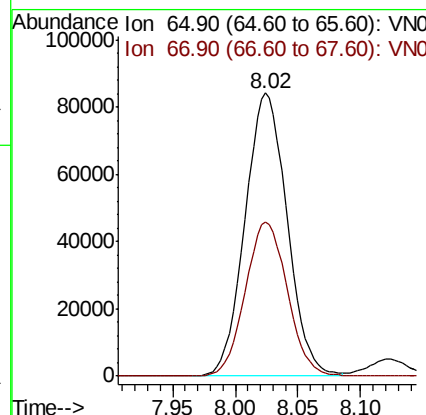
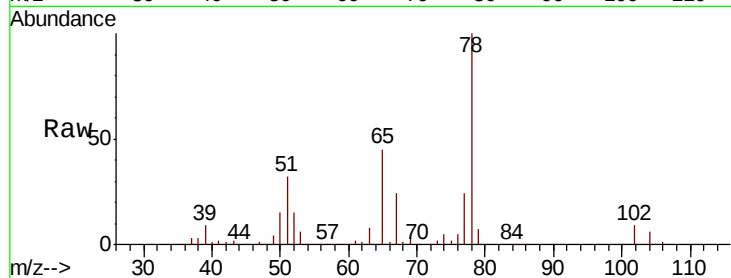




#33
 1,2-Dichloroethane-d4
 Concen: 49.780 ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. -0.00 min
 Lab File: VN056495.D
 Acq: 26 Jun 2019 10:37

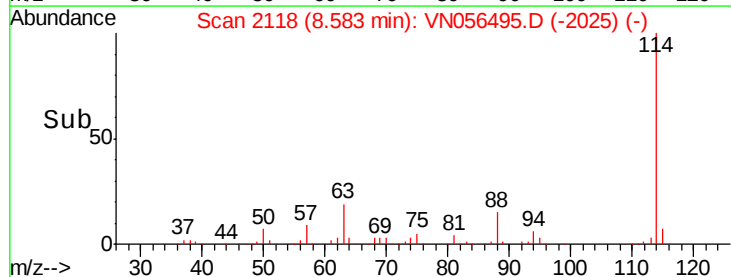
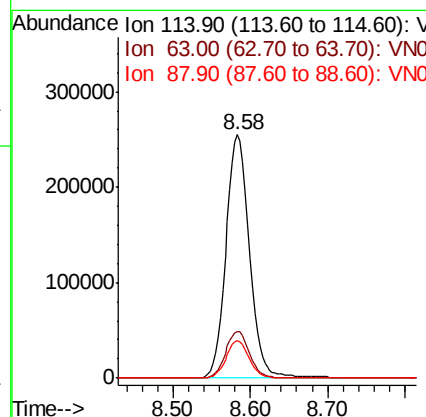
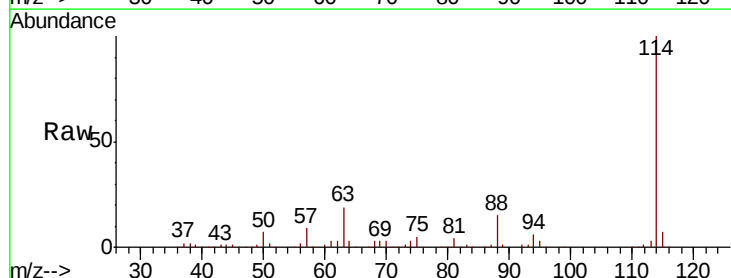
Instrument :
 MSVOA_N
 ClientSampleId :

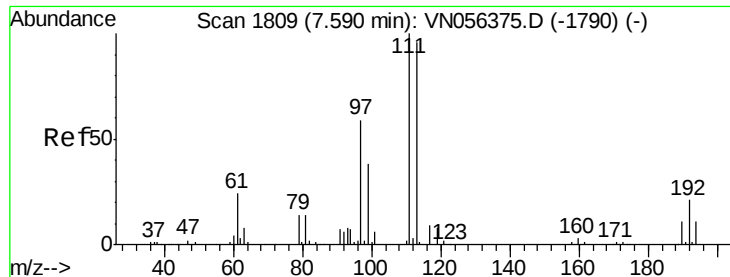
Tot Ion: 65 Resp: 196408
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN056495.D
 Acq: 26 Jun 2019 10:37

Tgt Ion: 114 Resp: 538782
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 39.2
 88 15.4 0.0 31.4

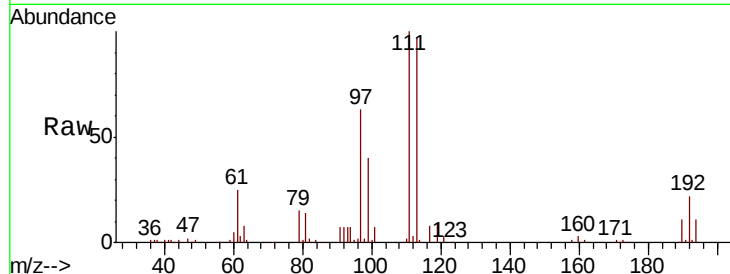




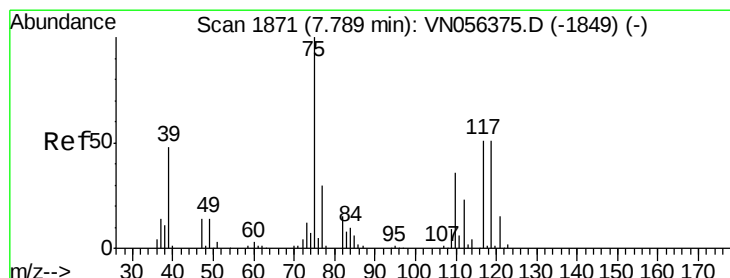
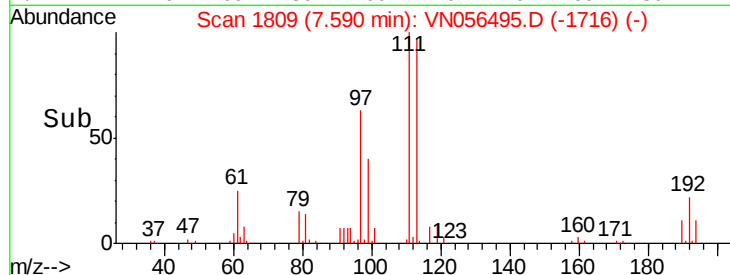
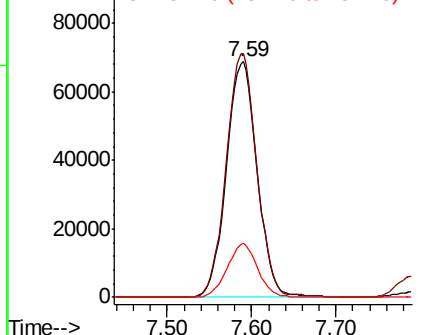
#35
 Dibromofluoromethane
 Concen: 51.798 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056495.D
 Acq: 26 Jun 2019 10:37

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.9	124.3
192	22.5	17.7	26.5

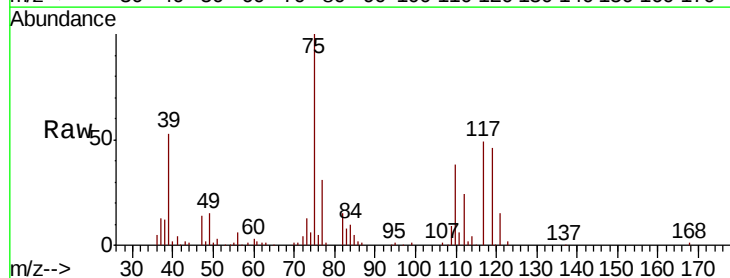


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

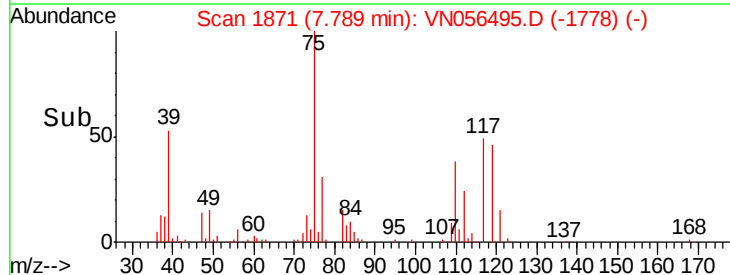
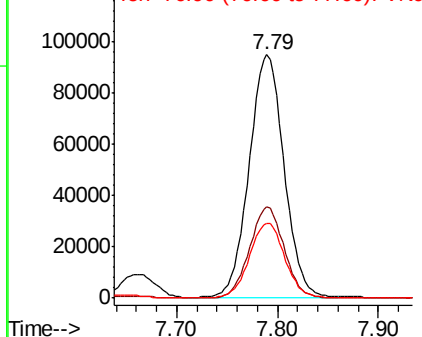


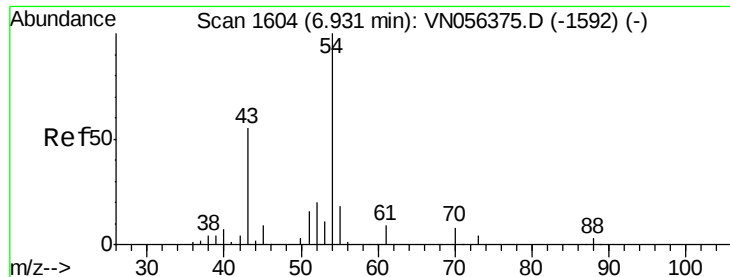
#36
 1,1-Dichloropropene
 Concen: 48.048 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: VN056495.D
 Acq: 26 Jun 2019 10:37

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.2	18.1	54.3
77	31.7	24.6	36.8



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

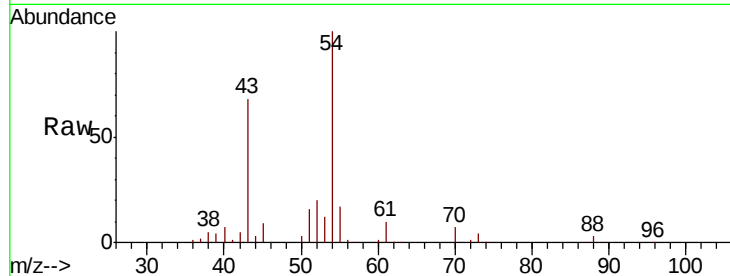




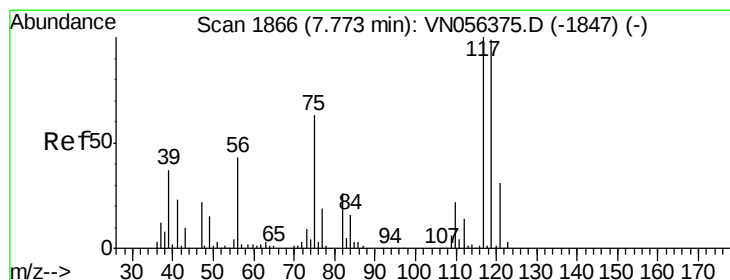
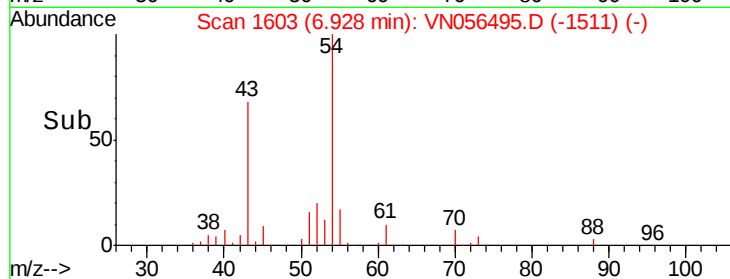
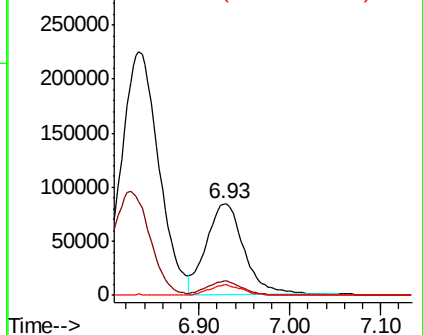
#37
Ethyl Acetate
Concen: 51.890 ug/l
RT: 6.93 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VN056495.D
Acq: 26 Jun 2019 10:37

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 241827
Ion Ratio Lower Upper
43 100
61 14.5 11.1 16.7
70 10.0 8.3 12.5

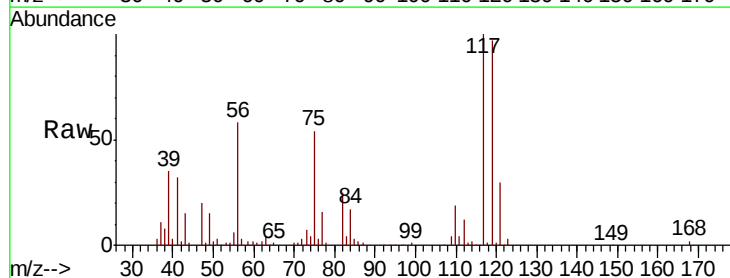


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

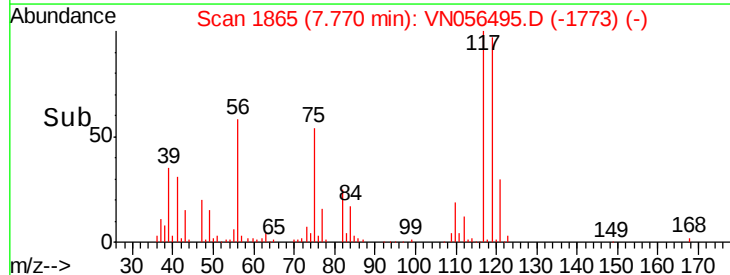
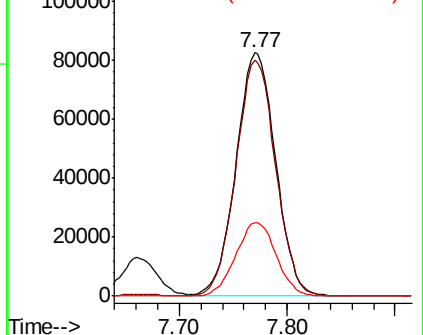


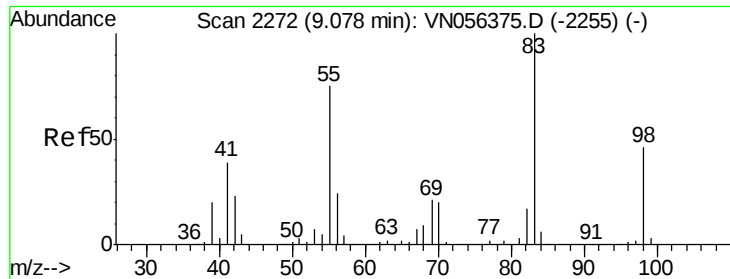
#38
Carbon Tetrachloride
Concen: 50.769 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. -0.00 min
Lab File: VN056495.D
Acq: 26 Jun 2019 10:37

Tgt Ion: 117 Resp: 210541
Ion Ratio Lower Upper
117 100
119 96.9 79.1 118.7
121 30.4 24.8 37.2



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

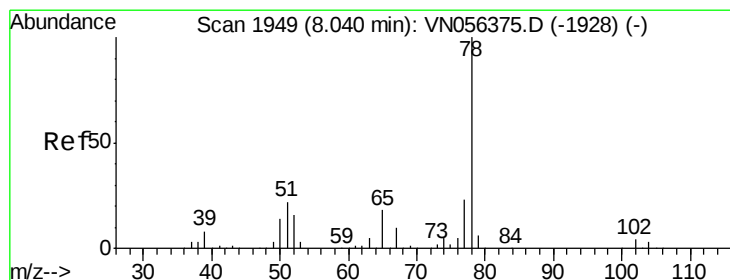
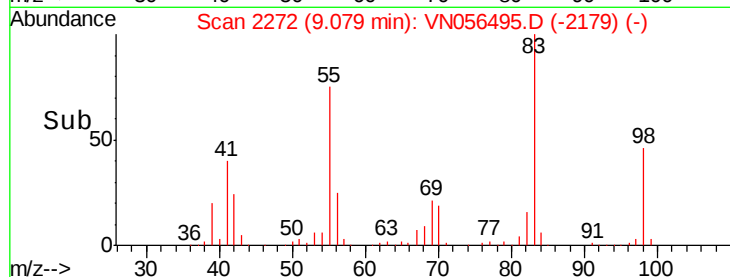
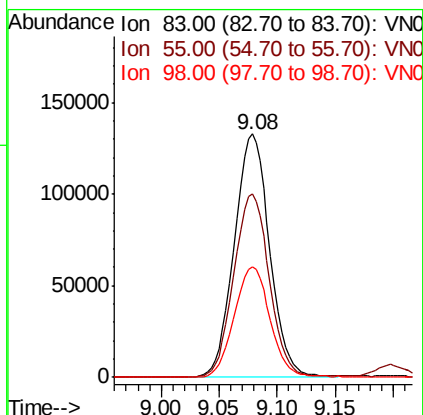
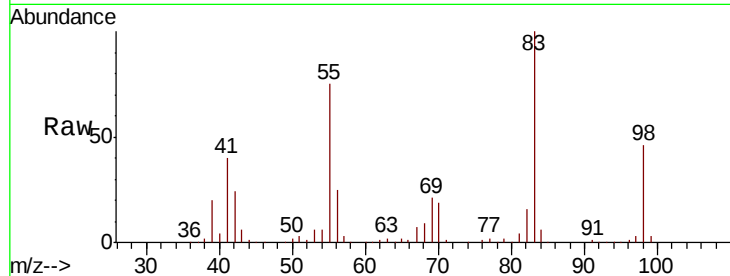




#39
Methvlcvclohexane
Concen: 48.075 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN056495.D
Acq: 26 Jun 2019 10:37

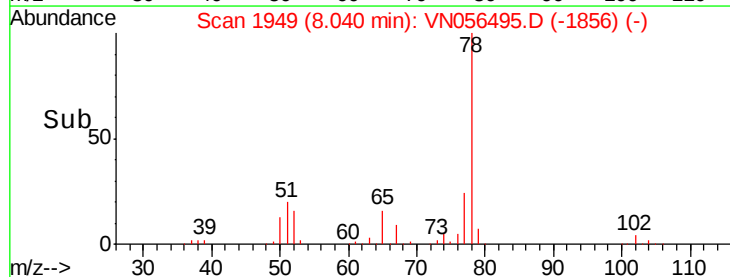
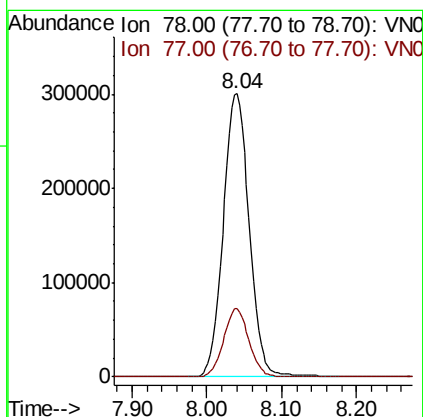
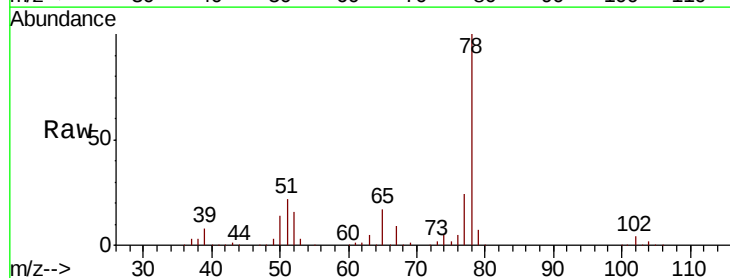
Instrument :
MSVOA_N
ClientSampleId :

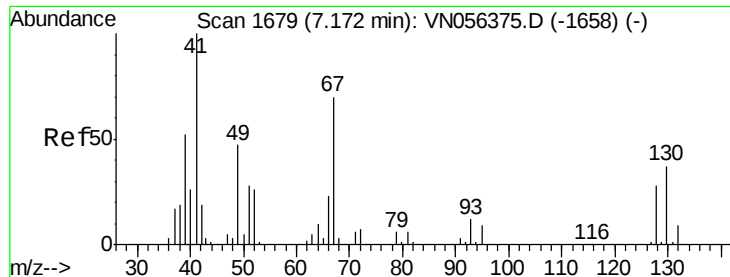
Tot Ion: 83 Resp: 281313
Ion Ratio Lower Upper
83 100
55 75.5 60.0 90.0
98 45.6 36.6 54.8



#40
Benzene
Concen: 49.454 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN056495.D
Acq: 26 Jun 2019 10:37

Tgt Ion: 78 Resp: 721387
Ion Ratio Lower Upper
78 100
77 23.9 18.3 27.5

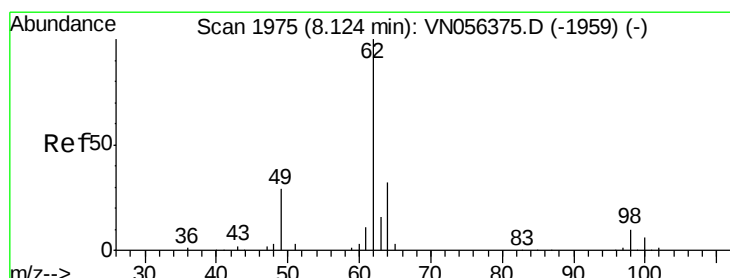
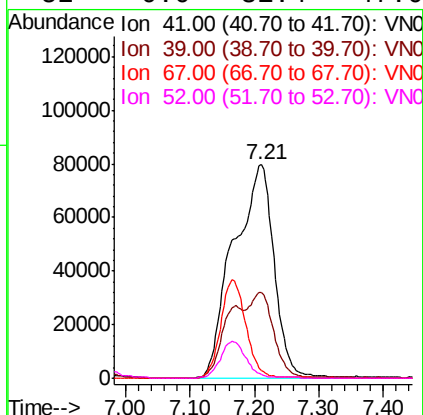
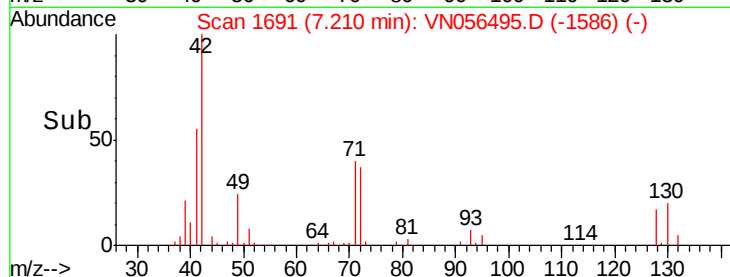
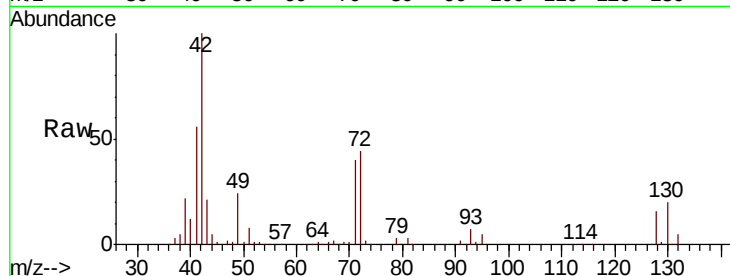




#41
Methacrylonitrile
Concen: 169.178 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. 0.04 min
Lab File: VN056495.D
Acq: 26 Jun 2019 10:37

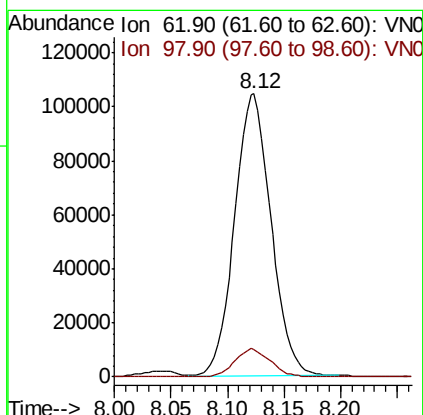
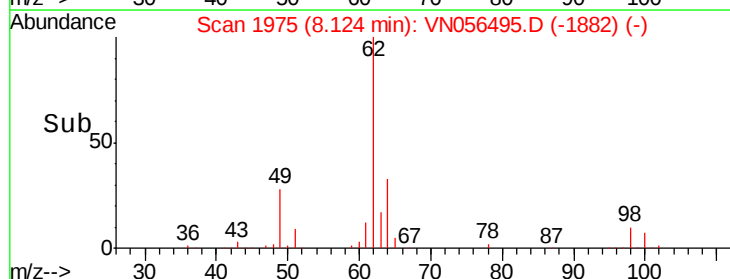
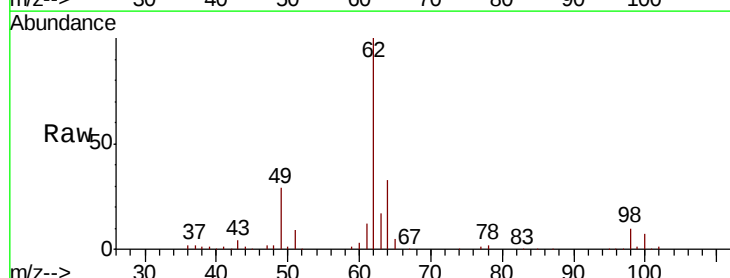
Instrument :
MSVOA_N
ClientSampled :

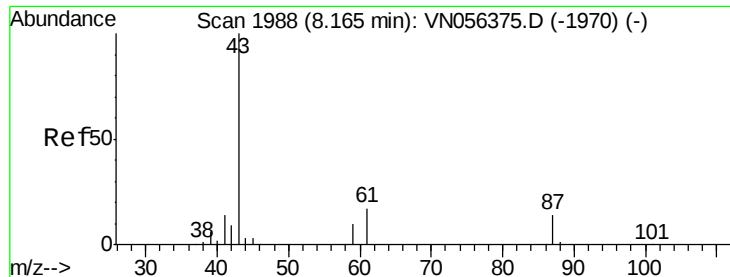
Tot Ion: 41 Resp: 348156
Ion Ratio Lower Upper
41 100
39 0.0 55.3 82.9#
67 0.0 79.2 118.8#
52 0.0 31.4 47.0#



#42
1,2-Dichloroethane
Concen: 48.792 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN056495.D
Acq: 26 Jun 2019 10:37

Tgt Ion: 62 Resp: 234890
Ion Ratio Lower Upper
62 100
98 9.8 0.0 19.4





#43

Isopropyl Acetate

Concen: 52.925 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. -0.00 min

Lab File: VN056495.D

Acq: 26 Jun 2019 10:37

Instrument :

MSVOA_N

ClientSampleId :

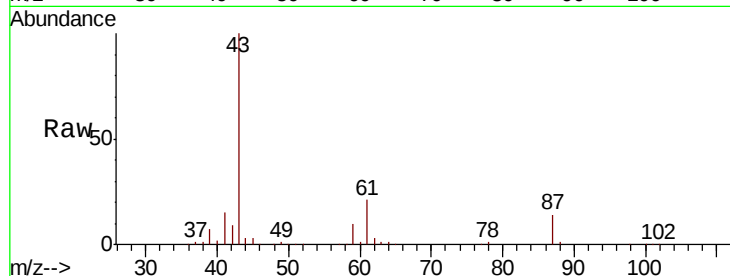
Tot Ion: 43 Resp: 380328

Ion Ratio Lower Upper

43 100

61 21.1 22.0 33.0#

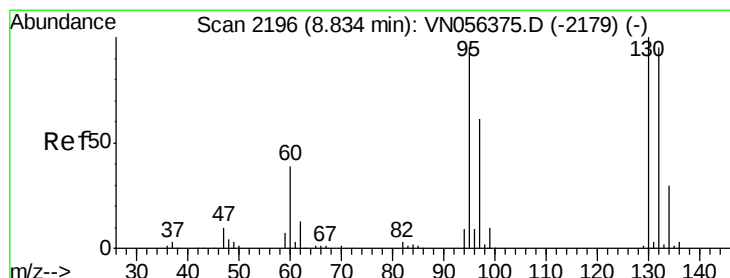
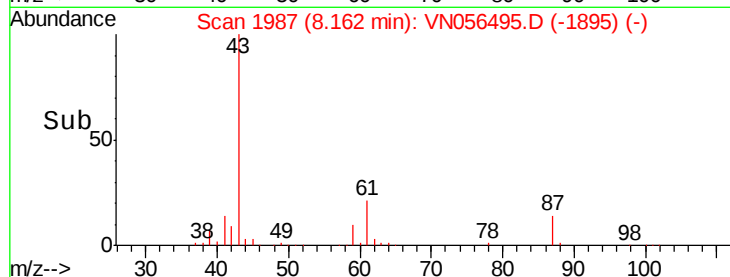
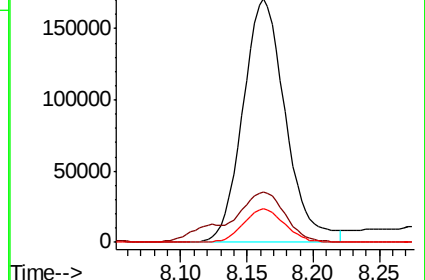
87 13.5 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VN056375.D (-1970) (-)

Ion 61.00 (60.70 to 61.70): VN056375.D (-1970) (-)

Ion 87.00 (86.70 to 87.70): VN056375.D (-1970) (-)



#44

Trichloroethene

Concen: 49.533 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN056495.D

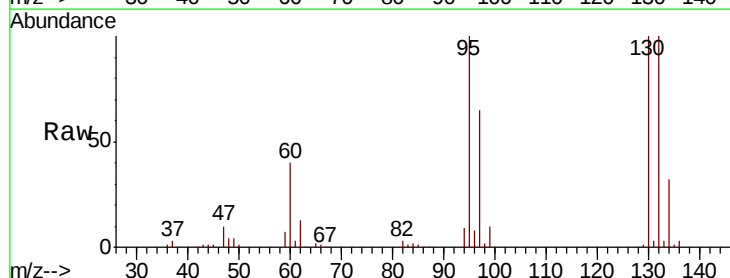
Acq: 26 Jun 2019 10:37

Tgt Ion:130 Resp: 194635

Ion Ratio Lower Upper

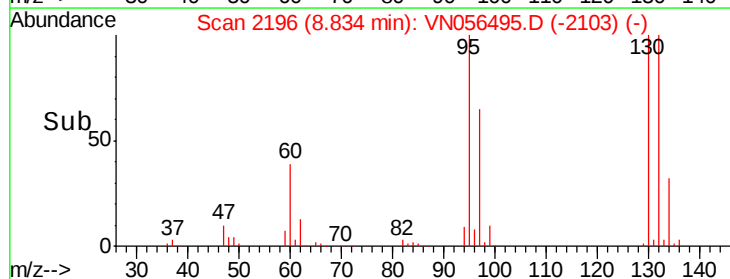
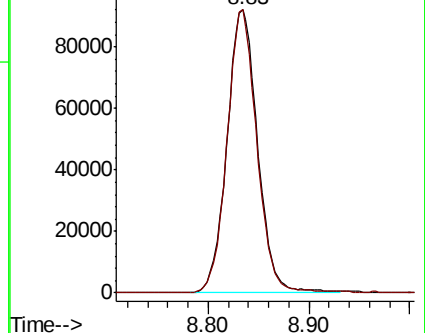
130 100

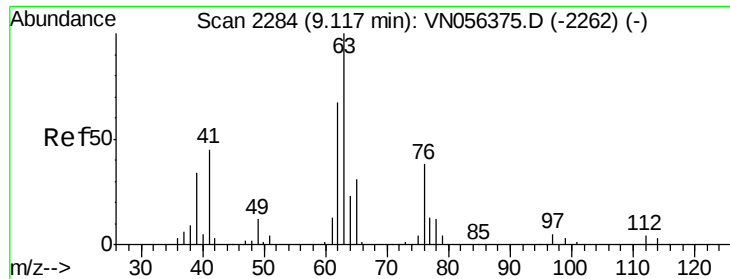
95 100.0 0.0 191.0



Abundance Ion 129.80 (129.50 to 130.50): VN056375.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN056375.D (-2179) (-)

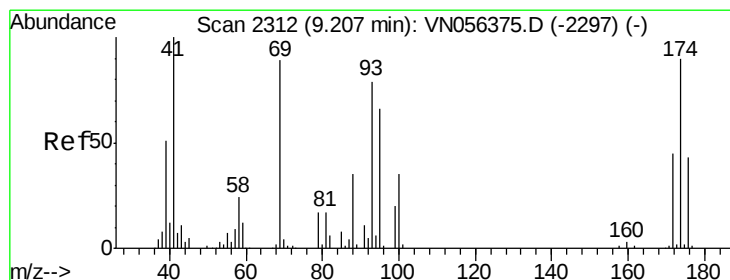
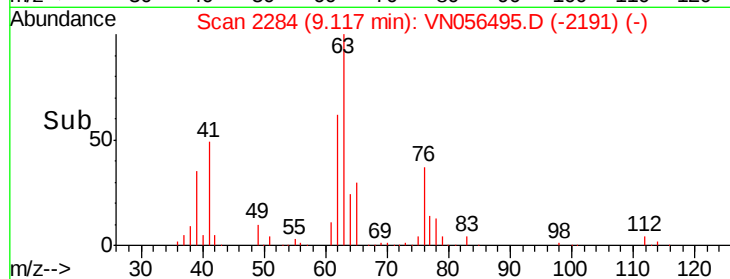
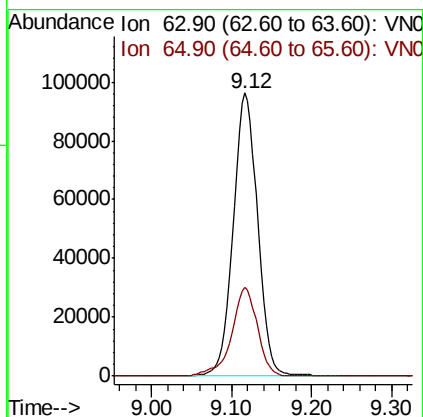
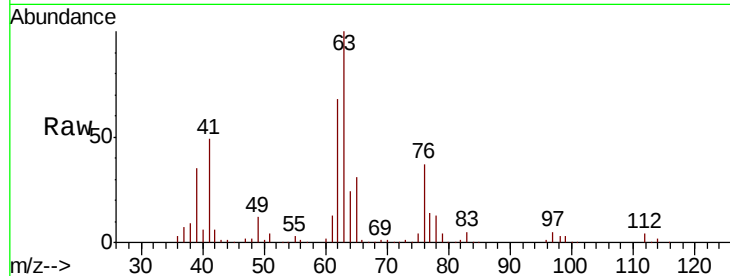




#45
 1,2-Dichloropropane
 Concen: 51.038 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN056495.D
 Acq: 26 Jun 2019 10:37

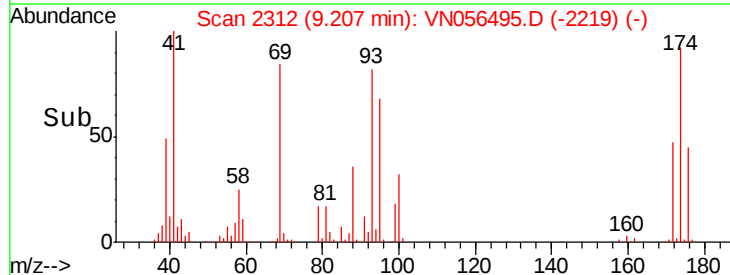
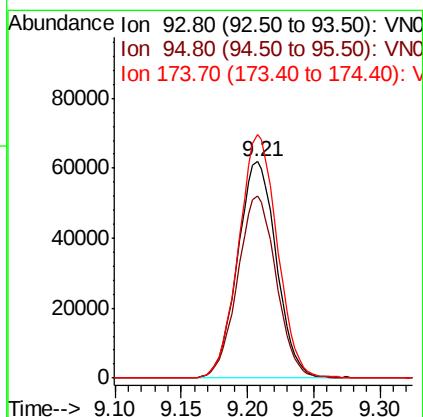
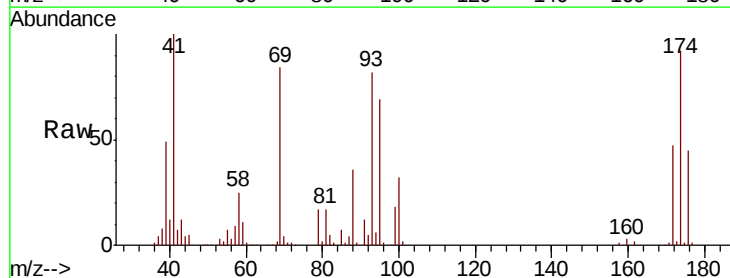
Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 63 Resp: 199107
 Ion Ratio Lower Upper
 63 100
 65 31.2 25.0 37.6



#46
 Dibromomethane
 Concen: 51.733 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN056495.D
 Acq: 26 Jun 2019 10:37

Tgt Ion: 93 Resp: 126266
 Ion Ratio Lower Upper
 93 100
 95 83.9 66.2 99.2
 174 112.0 90.8 136.2





#47

Bromodichloromethane

Concen: 54.448 ug/l

RT: 9.40 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN056495.D

Acq: 26 Jun 2019 10:37

Instrument :

MSVOA_N

ClientSampleId :

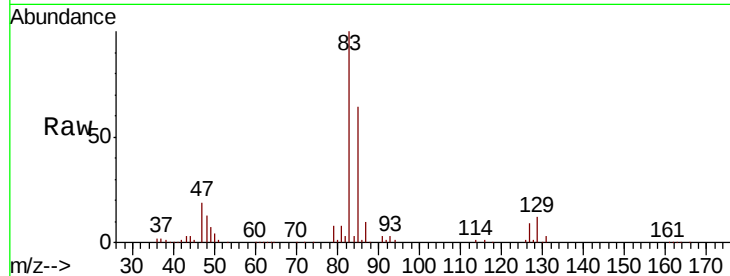
Tot Ion: 83 Resp: 235689

Ion Ratio Lower Upper

83 100

85 63.9 52.2 78.4

127 9.0 7.3 10.9

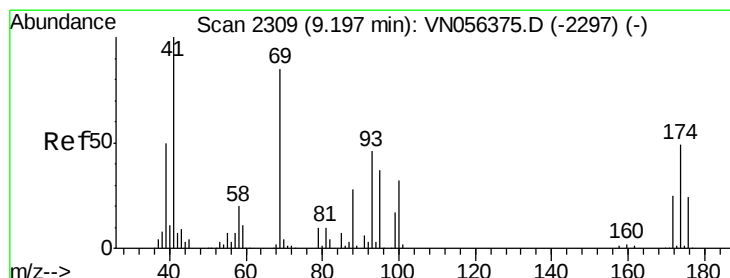
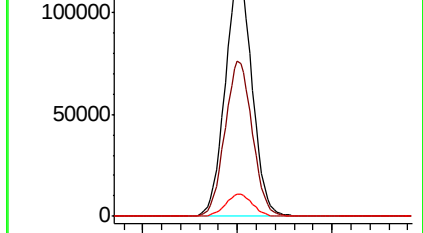
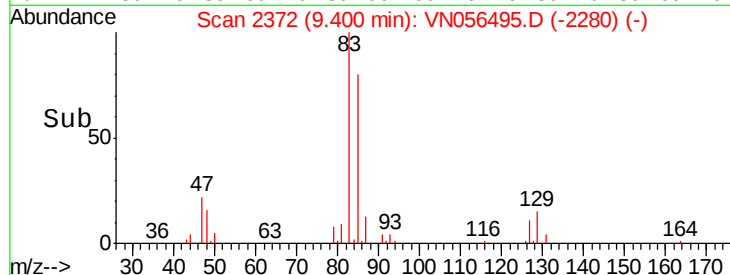


Abundance Ion 82.90 (82.60 to 83.60): VN056375.D (-2356) (-)

Ion 84.90 (84.60 to 85.60): VN056375.D (-2356) (-)

Ion 126.80 (126.50 to 127.50): VN056375.D (-2356) (-)

Time-->



#48

Methyl methacrylate

Concen: 51.743 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN056495.D

Acq: 26 Jun 2019 10:37

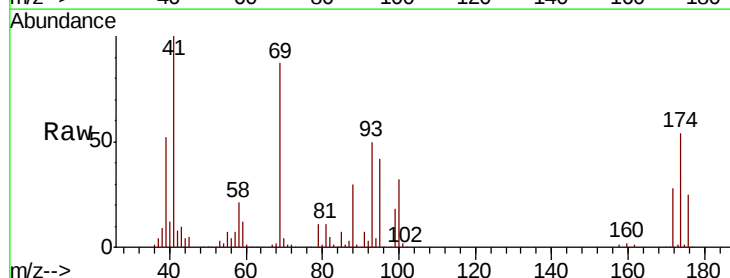
Tgt Ion: 41 Resp: 186336

Ion Ratio Lower Upper

41 100

69 86.6 72.6 109.0

39 51.0 42.6 63.8

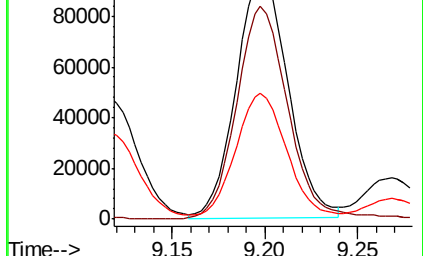
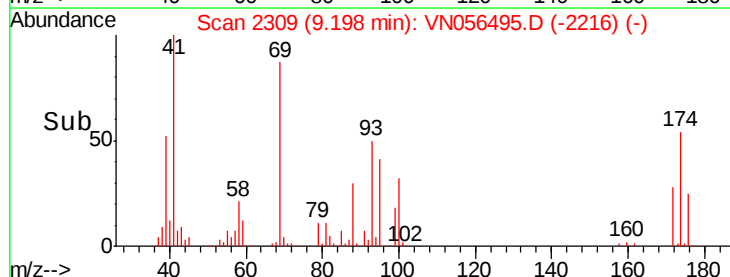


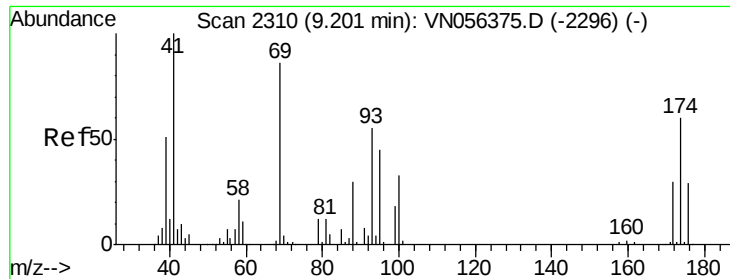
Abundance Ion 41.00 (40.70 to 41.70): VN056375.D (-2297) (-)

Ion 69.00 (68.70 to 69.70): VN056375.D (-2297) (-)

Ion 39.00 (38.70 to 39.70): VN056375.D (-2297) (-)

Time-->

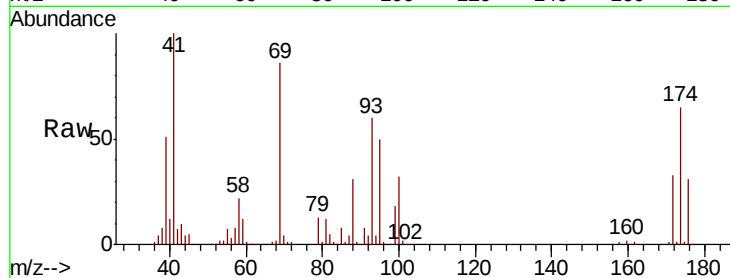




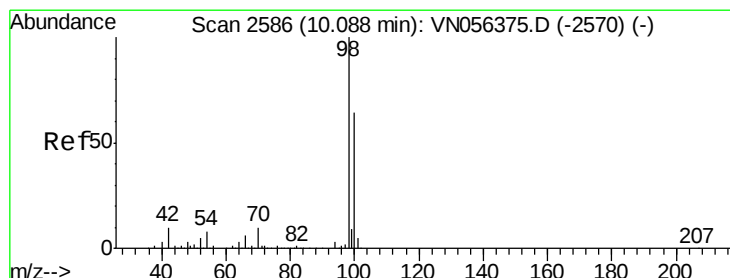
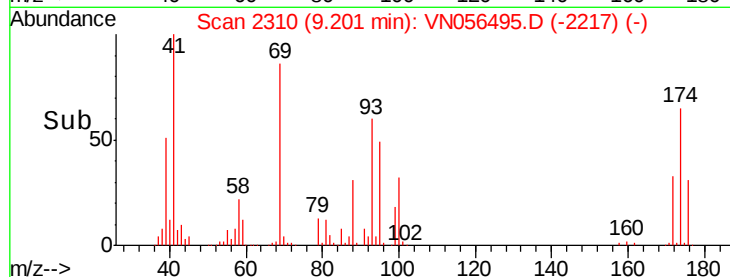
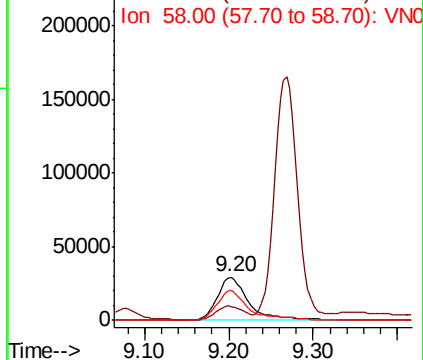
#49
 1,4-Dioxane
 Concen: 1017.236 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN056495.D
 Acq: 26 Jun 2019 10:37

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 88 Resp: 76020
 Ion Ratio Lower Upper
 88 100
 43 26.9 22.0 33.0
 58 71.8 51.8 77.8

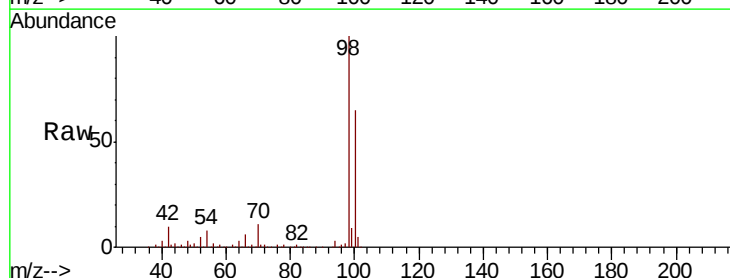


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

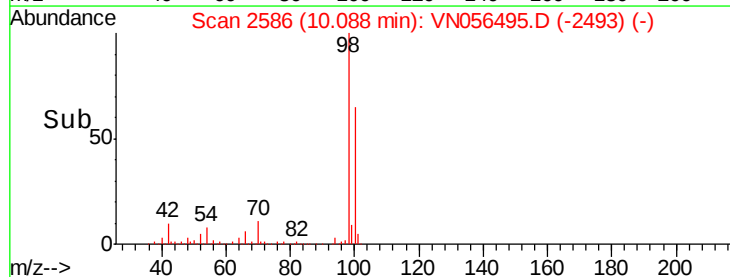
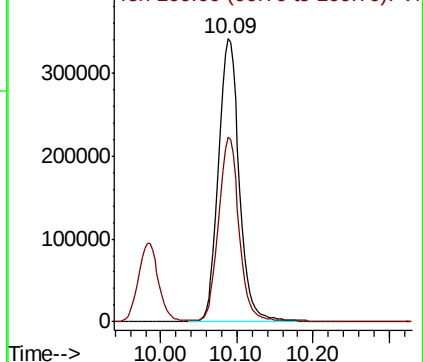


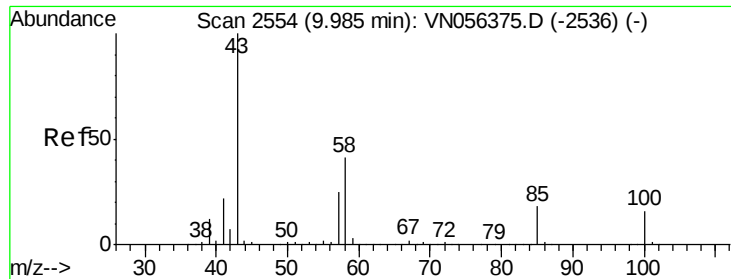
#50
 Toluene-d8
 Concen: 49.894 ug/l
 RT: 10.09 min Scan# 2586
 Delta R.T. 0.00 min
 Lab File: VN056495.D
 Acq: 26 Jun 2019 10:37

Tgt Ion: 98 Resp: 652527
 Ion Ratio Lower Upper
 98 100
 100 64.7 52.2 78.2



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: 254.674 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN056495.D

Acq: 26 Jun 2019 10:37

Instrument :

MSVOA_N

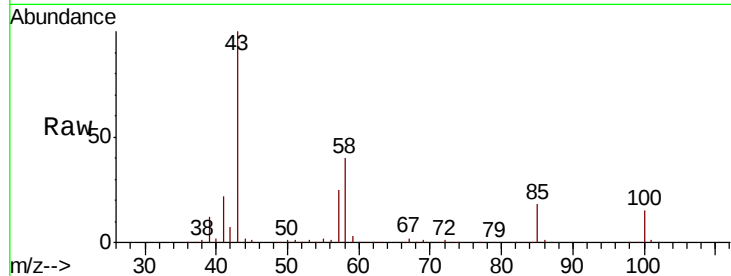
ClientSampled :

Tot Ion: 43 Resp: 1181239

Ion Ratio Lower Upper

43 100

58 39.6 31.8 47.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

9.98

600000

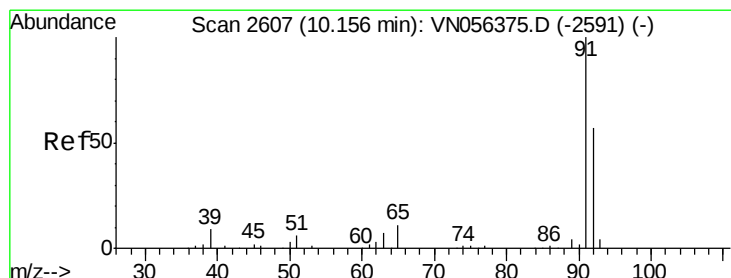
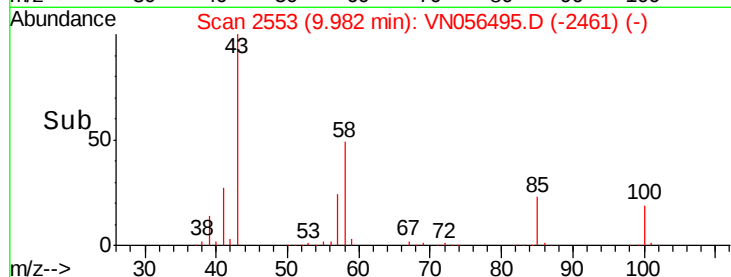
400000

200000

0

Time-->

9.90 10.00 10.10



#52

Toluene

Concen: 49.936 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. -0.00 min

Lab File: VN056495.D

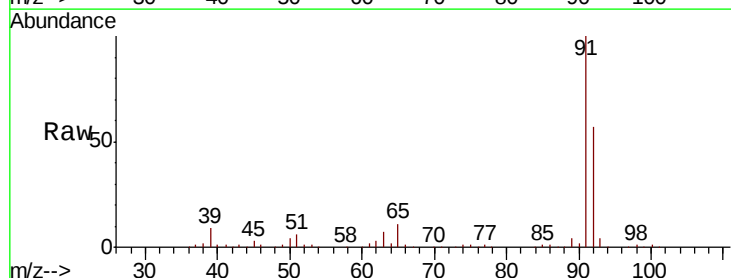
Acq: 26 Jun 2019 10:37

Tgt Ion: 92 Resp: 445339

Ion Ratio Lower Upper

92 100

91 174.8 140.6 211.0



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

10.15

400000

300000

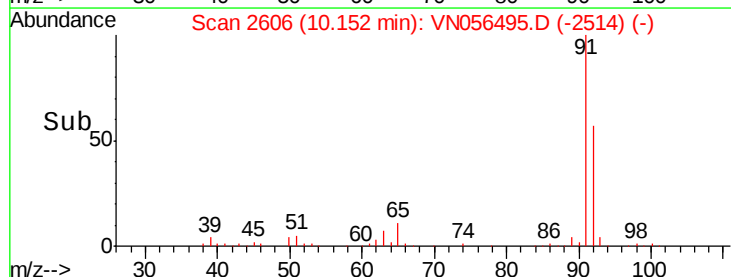
200000

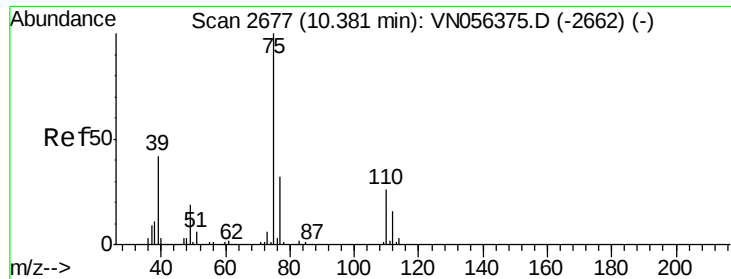
100000

0

Time-->

10.10 10.20 10.30





#53

t-1,3-Dichloropropene

Concen: 49.573 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN056495.D

Acq: 26 Jun 2019 10:37

Instrument :

MSVOA_N

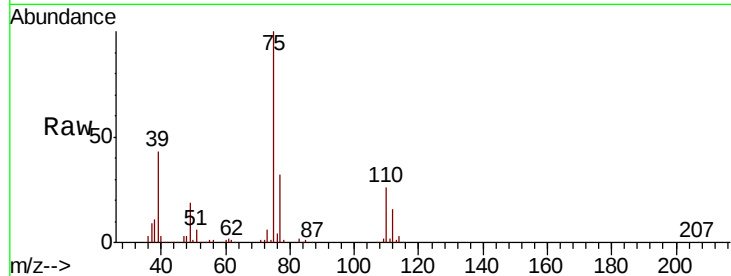
ClientSampleId :

Tot Ion: 75 Resp: 249800

Ion Ratio Lower Upper

75 100

77 31.9 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.38

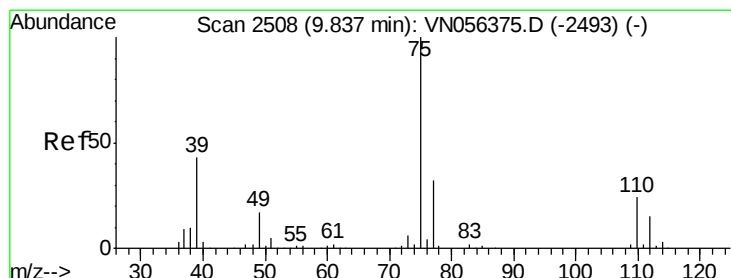
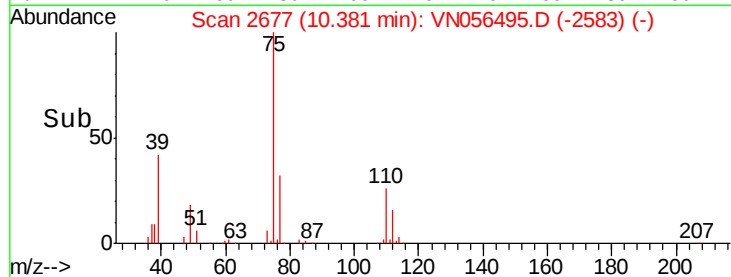
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 55.891 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. 0.00 min

Lab File: VN056495.D

Acq: 26 Jun 2019 10:37

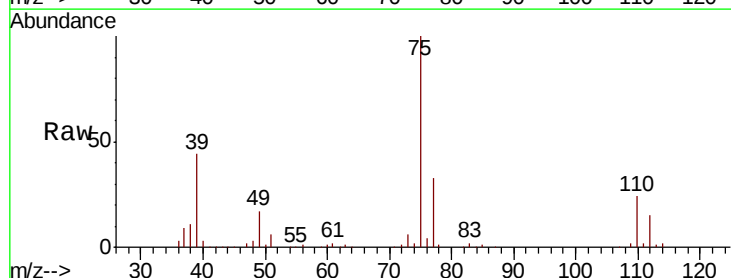
Tgt Ion: 75 Resp: 291347

Ion Ratio Lower Upper

75 100

77 32.6 25.2 37.8

39 43.8 34.2 51.4



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

9.84

200000

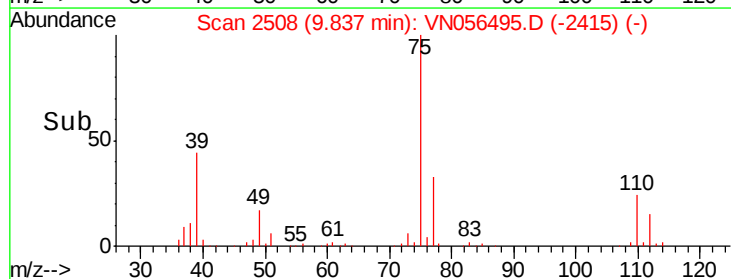
150000

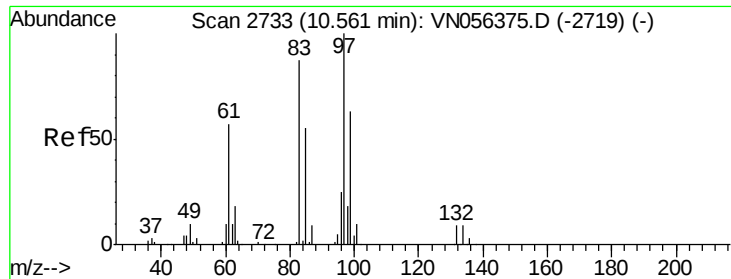
100000

50000

0

Time-->

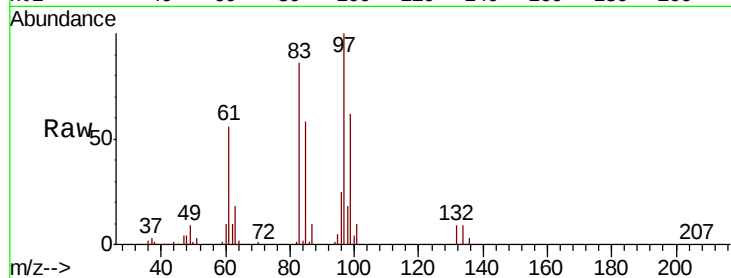




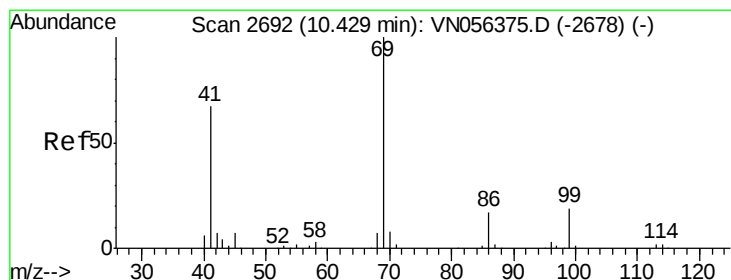
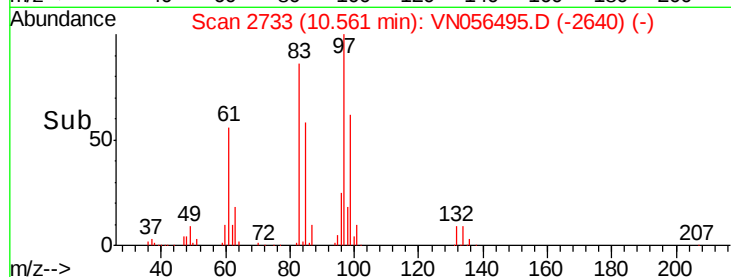
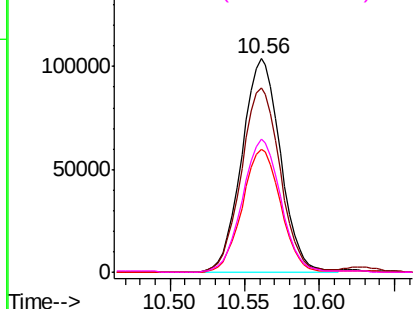
#55
 1,1,2-Trichloroethane
 Concen: 52.132 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN056495.D
 Acq: 26 Jun 2019 10:37

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 97 Resp: 186881
 Ion Ratio Lower Upper
 97 100
 83 86.2 69.8 104.6
 85 57.8 43.8 65.8
 99 62.4 50.2 75.2

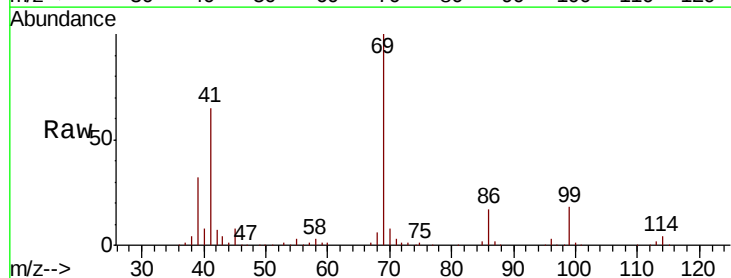


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

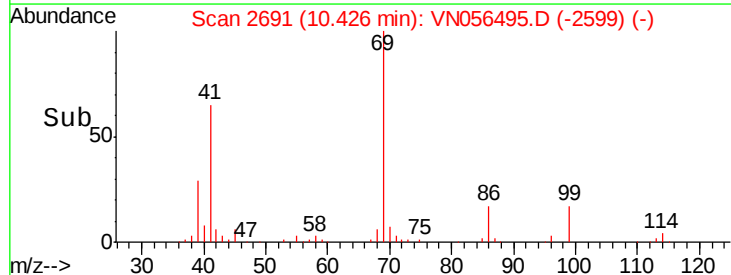
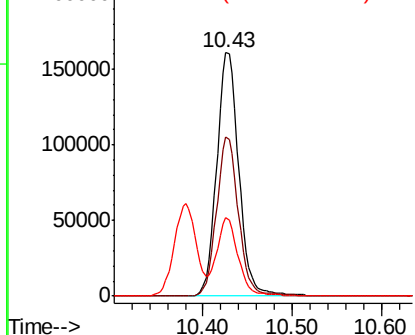


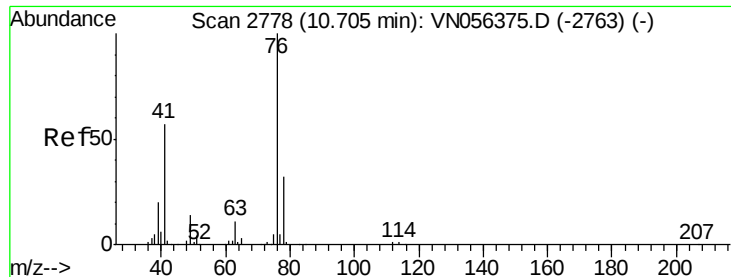
#56
 Ethyl methacrylate
 Concen: 52.782 ug/l
 RT: 10.43 min Scan# 2691
 Delta R.T. -0.00 min
 Lab File: VN056495.D
 Acq: 26 Jun 2019 10:37

Tgt Ion: 69 Resp: 276519
 Ion Ratio Lower Upper
 69 100
 41 64.5 51.4 77.2
 39 31.5 24.7 37.1



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





#57

1,3-Dichloropropane

Concen: 51.462 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN056495.D

Acq: 26 Jun 2019 10:37

Instrument :

MSVOA_N

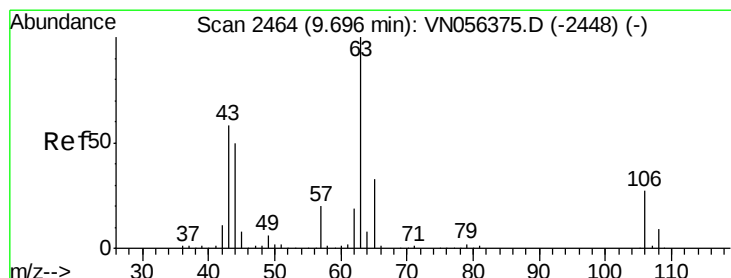
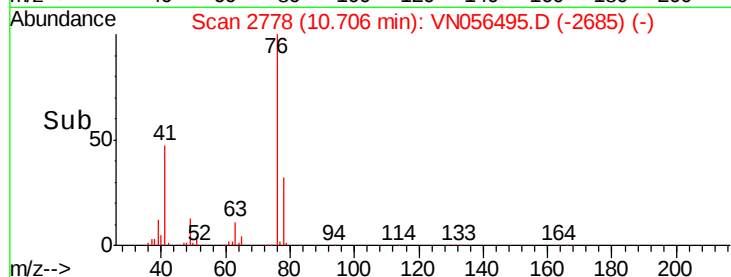
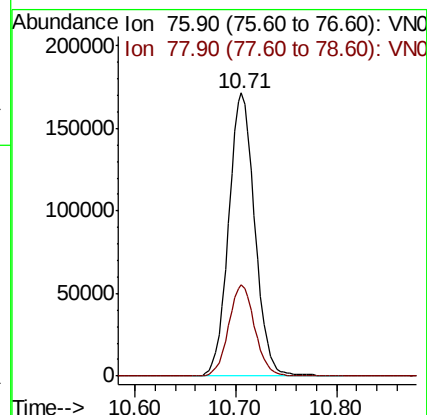
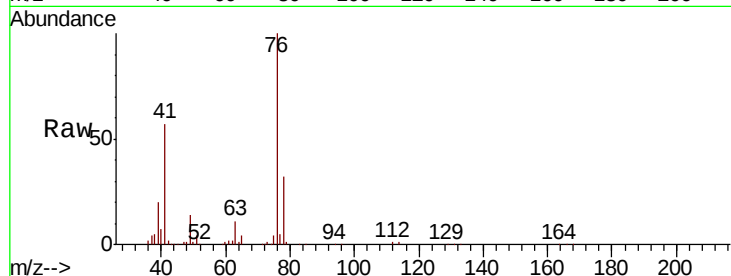
ClientSampled :

Tot Ion: 76 Resp: 309912

Ion Ratio Lower Upper

76 100

78 32.5 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 223.070 ug/l

RT: 9.69 min Scan# 2463

Delta R.T. -0.00 min

Lab File: VN056495.D

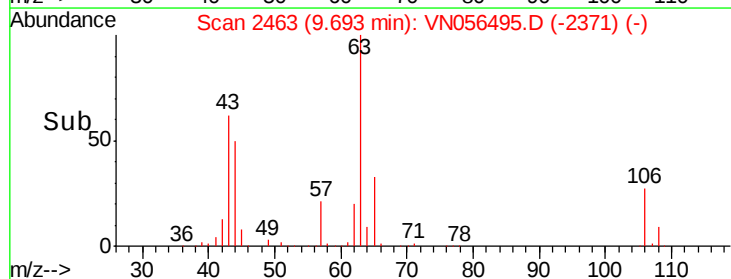
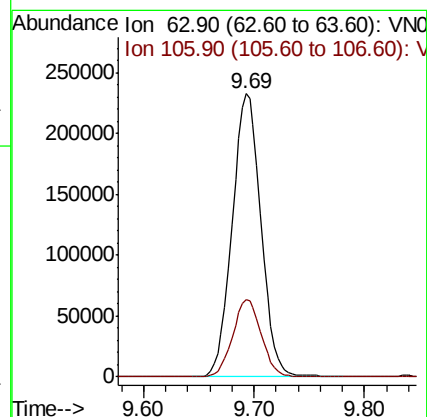
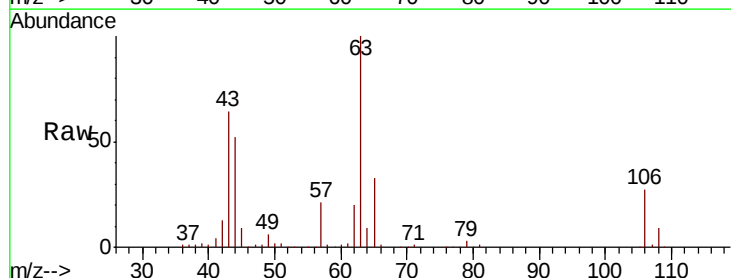
Acq: 26 Jun 2019 10:37

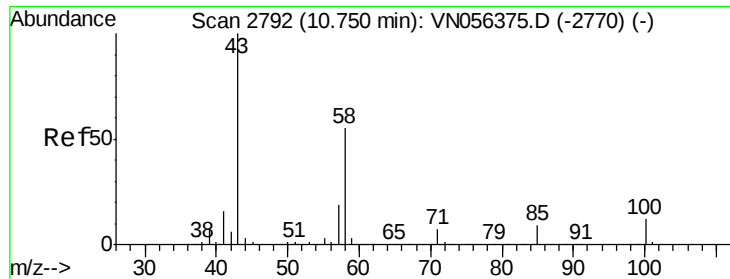
Tgt Ion: 63 Resp: 419834

Ion Ratio Lower Upper

63 100

106 27.2 21.6 32.4

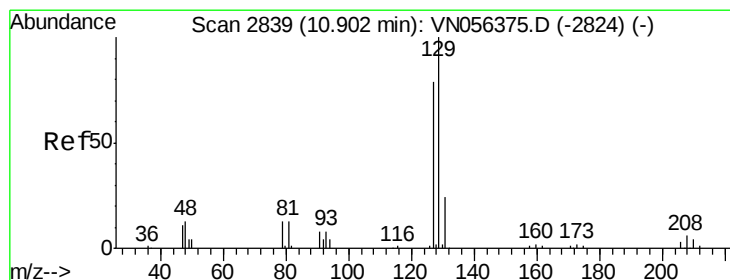
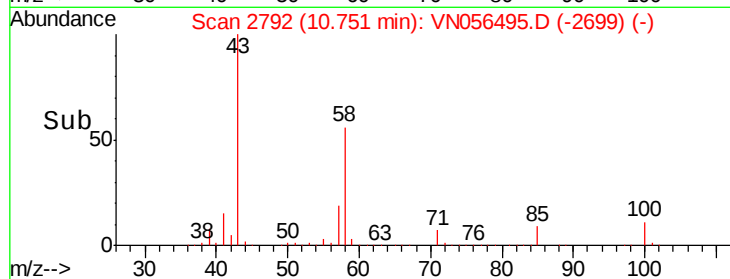
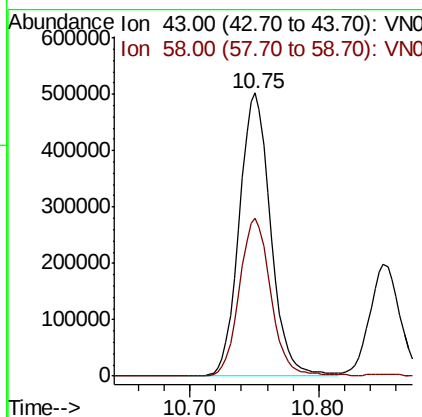
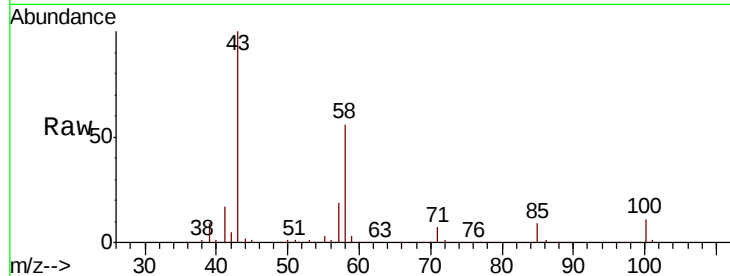




#59
2-Hexanone
Concen: 248.730 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN056495.D
Acq: 26 Jun 2019 10:37

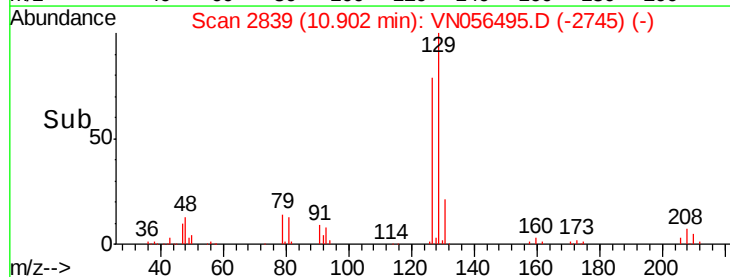
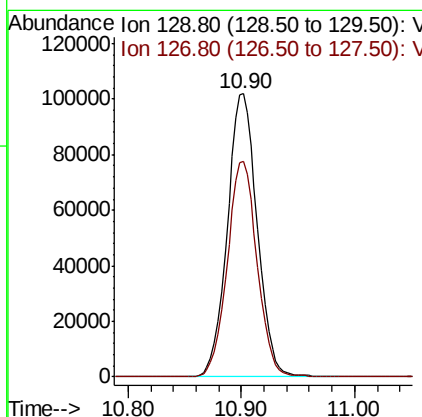
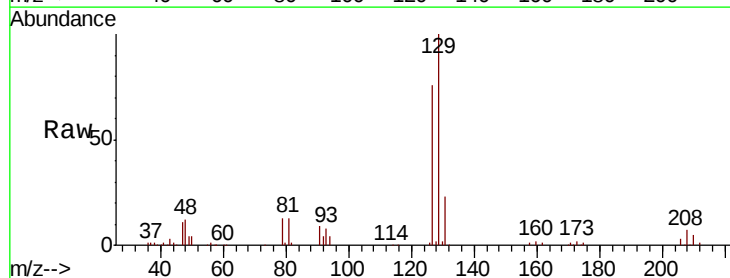
Instrument :
MSVOA_N
ClientSampled :

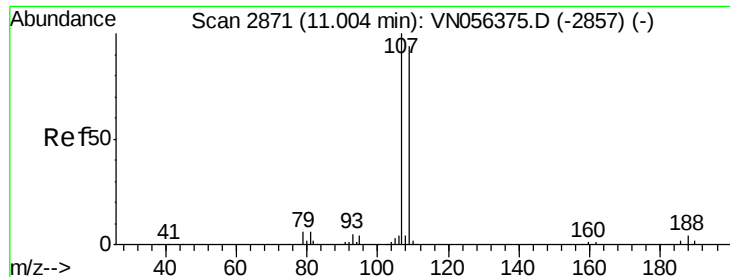
Tot Ion: 43 Resp: 847908
Ion Ratio Lower Upper
43 100
58 56.0 27.8 83.4



#60
Dibromochloromethane
Concen: 50.644 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN056495.D
Acq: 26 Jun 2019 10:37

Tgt Ion: 129 Resp: 186725
Ion Ratio Lower Upper
129 100
127 75.9 38.9 116.7





#61

1,2-Dibromoethane

Concen: 51.923 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VN056495.D

Acq: 26 Jun 2019 10:37

Instrument :

MSVOA_N

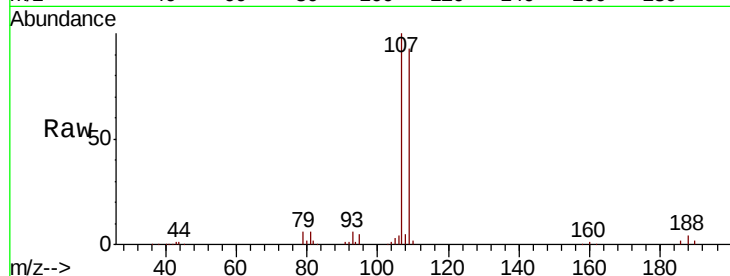
ClientSampleId :

Tot Ion:107 Resp: 190104

Ion Ratio Lower Upper

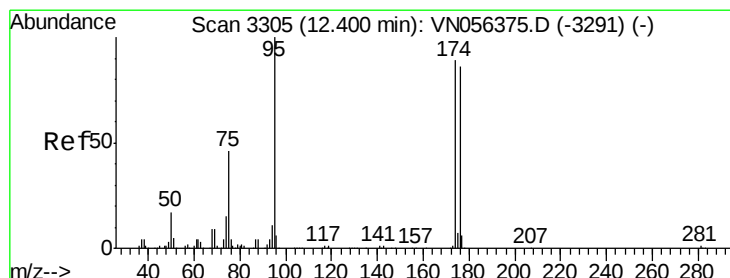
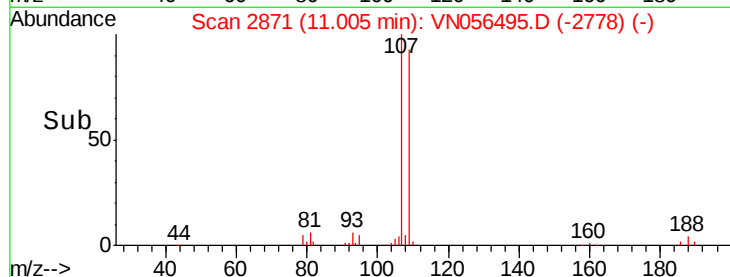
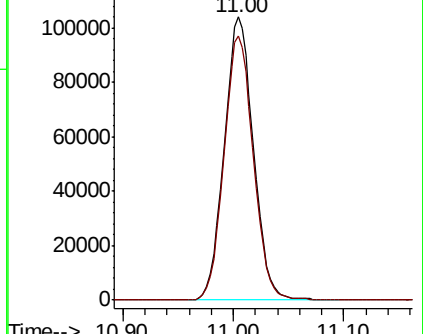
107 100

109 94.0 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.208 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056495.D

Acq: 26 Jun 2019 10:37

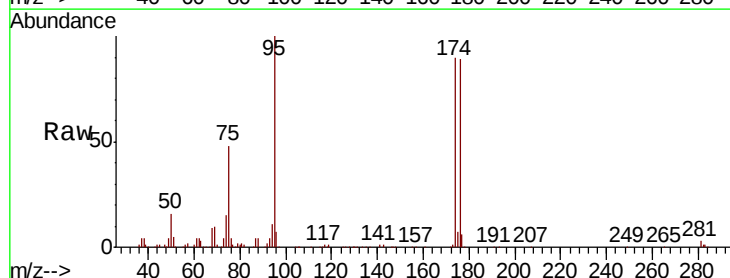
Tgt Ion: 95 Resp: 227615

Ion Ratio Lower Upper

95 100

174 90.2 0.0 179.4

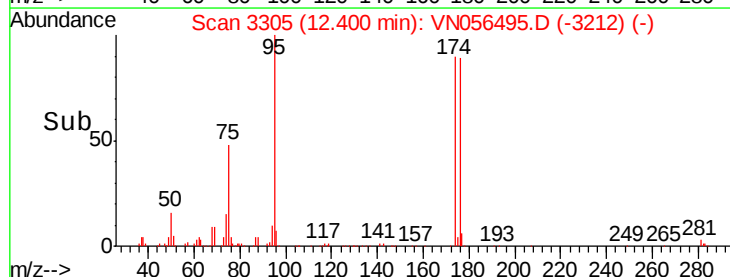
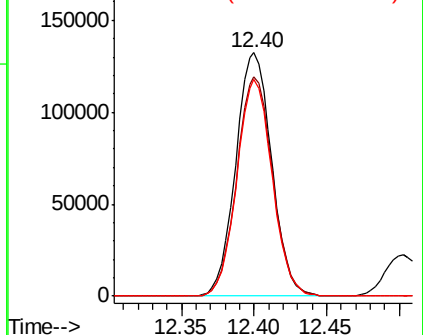
176 87.3 0.0 173.4

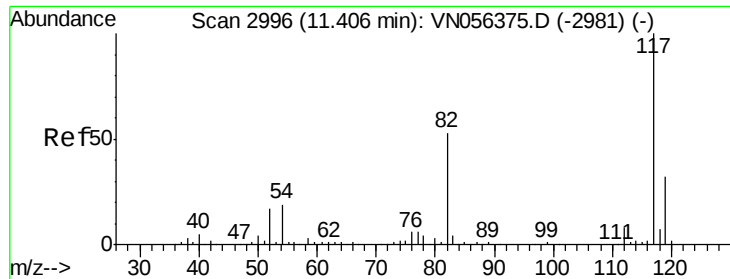


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

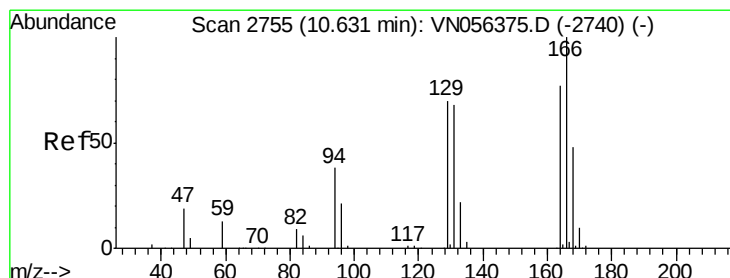
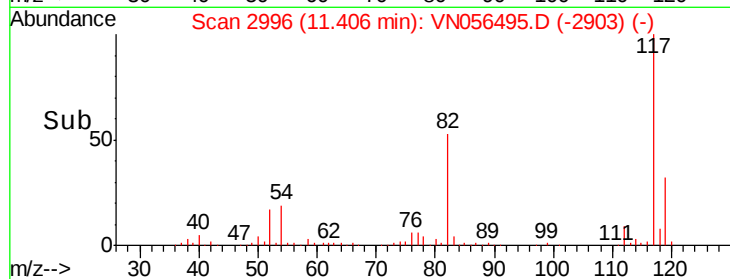
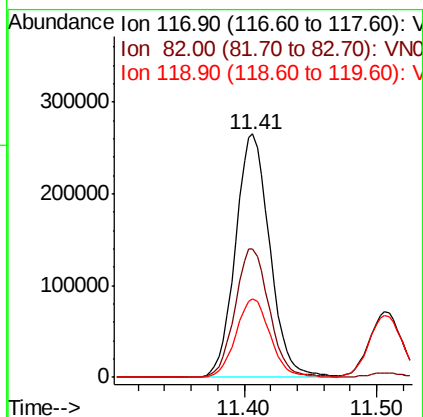
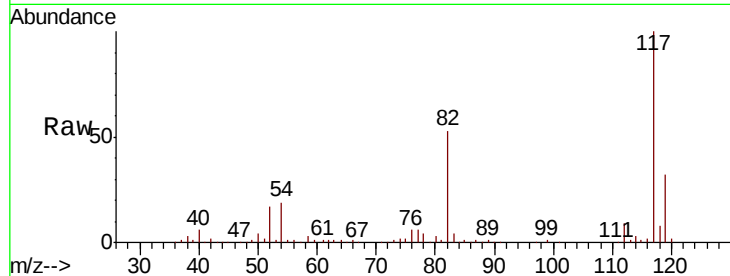




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056495.D
Acq: 26 Jun 2019 10:37

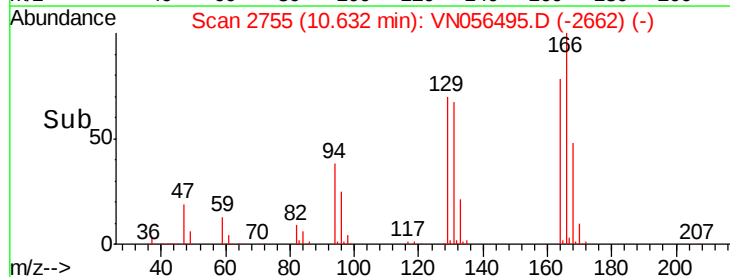
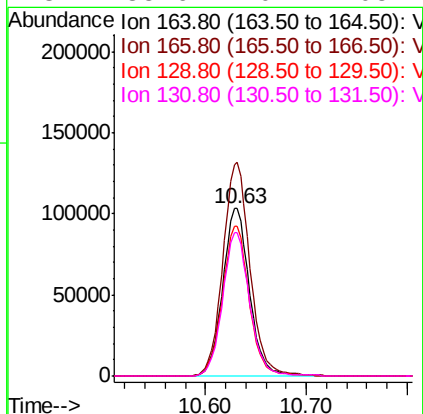
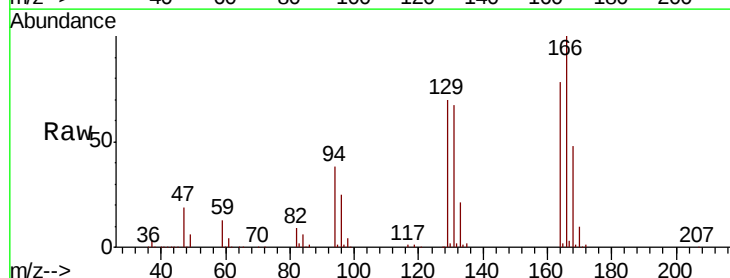
Instrument :
MSVOA_N
ClientSampleId :

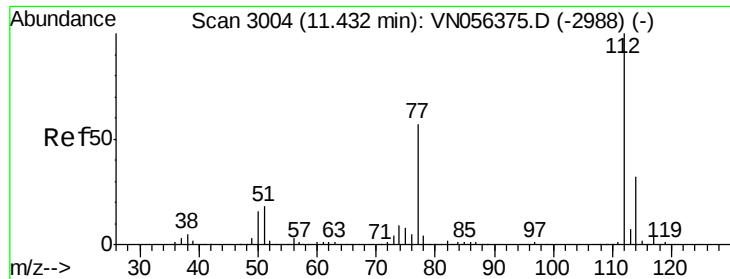
Tot Ion:117 Resp: 476788
Ion Ratio Lower Upper
117 100
82 53.0 42.0 63.0
119 32.3 25.3 37.9



#64
Tetrachloroethene
Concen: 50.654 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN056495.D
Acq: 26 Jun 2019 10:37

Tgt Ion:164 Resp: 191258
Ion Ratio Lower Upper
164 100
166 127.5 103.4 155.0
129 89.7 72.0 108.0
131 85.6 70.2 105.2

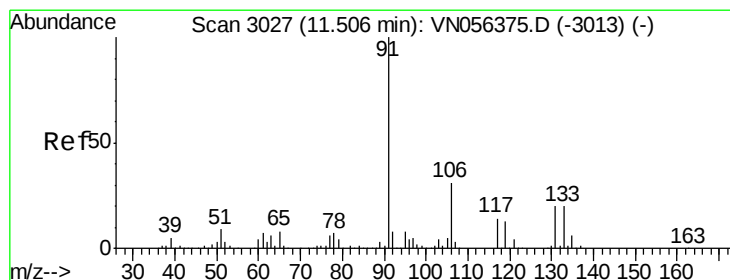
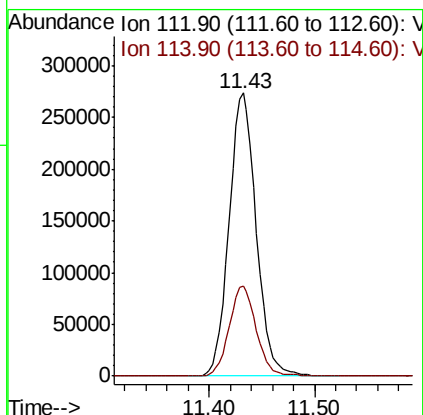
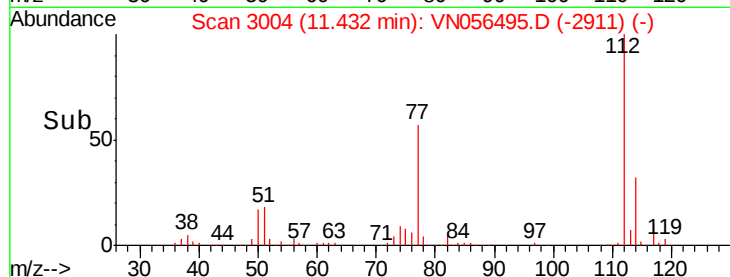
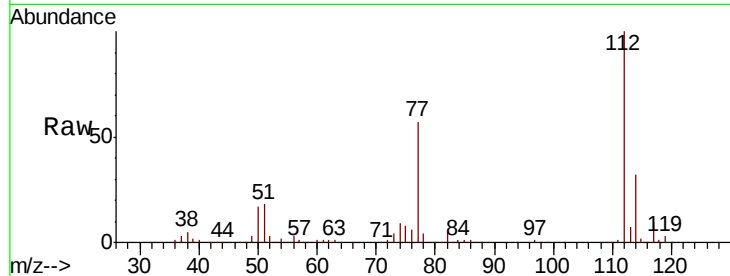




#65
Chlorobenzene
Concen: 50.653 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN056495.D
Acq: 26 Jun 2019 10:37

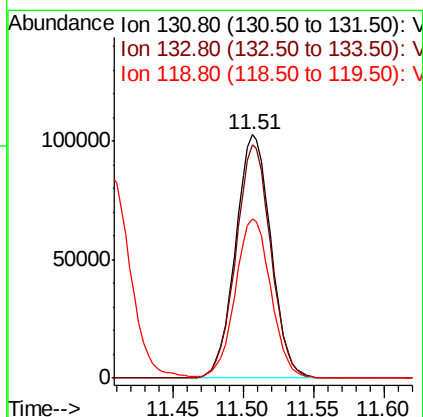
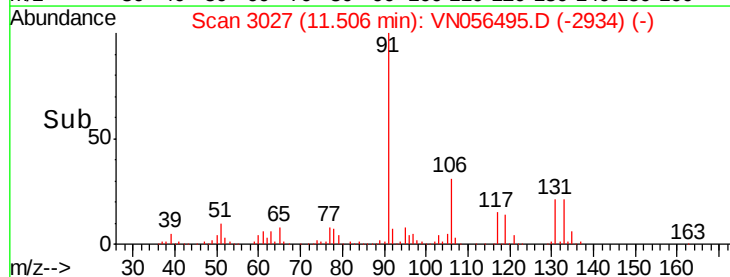
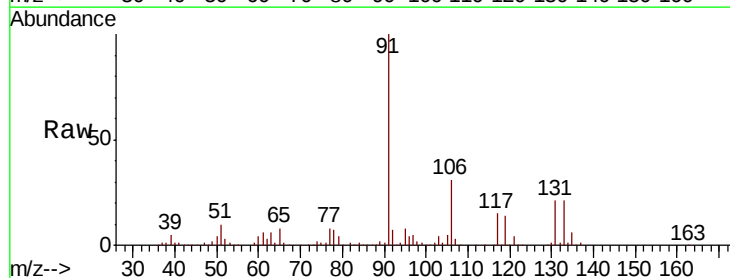
Instrument :
MSVOA_N
ClientSampled :

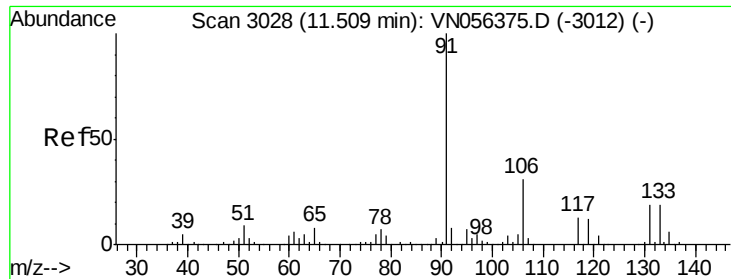
Tot Ion:112 Resp: 485272
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 55.839 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN056495.D
Acq: 26 Jun 2019 10:37

Tgt Ion:131 Resp: 180805
Ion Ratio Lower Upper
131 100
133 94.8 47.4 142.2
119 66.0 32.8 98.4

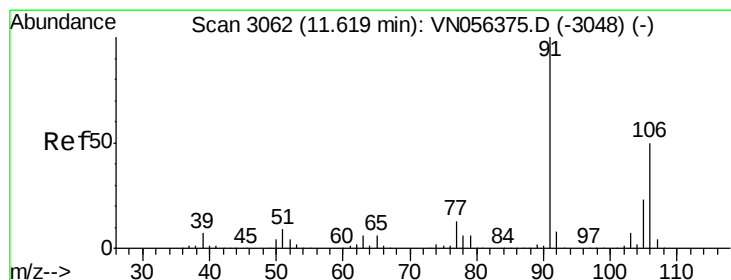
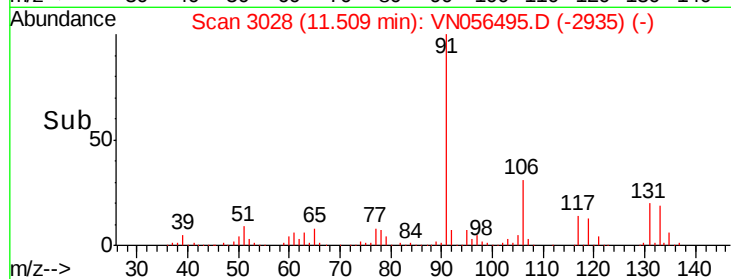
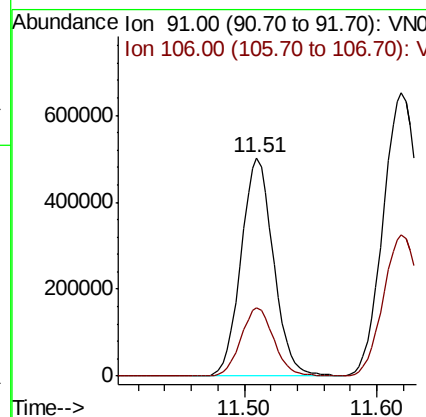
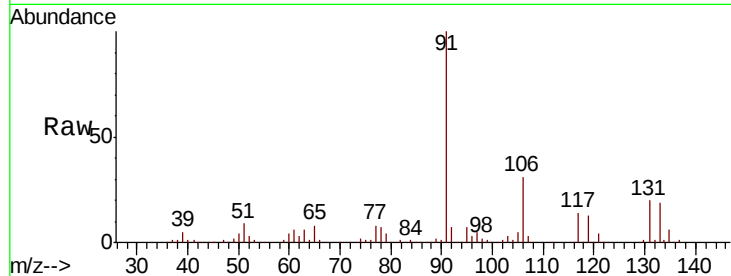




#67
Ethyl Benzene
Concen: 50.725 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN056495.D
Acq: 26 Jun 2019 10:37

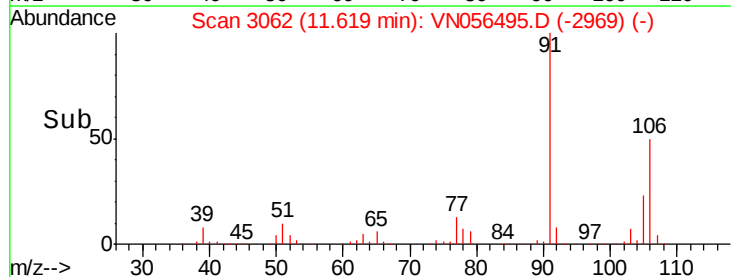
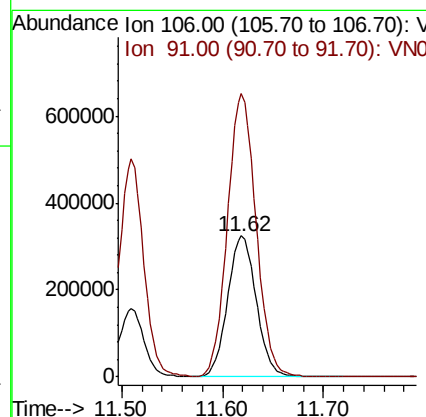
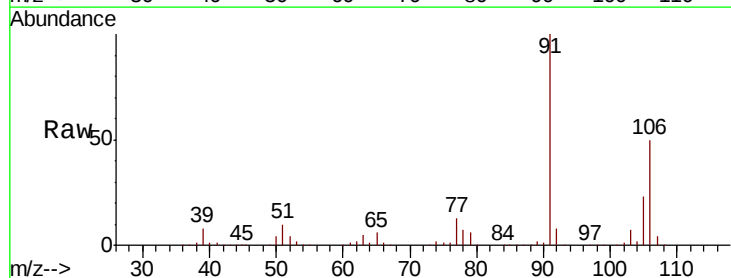
Instrument :
MSVOA_N
ClientSampleId :

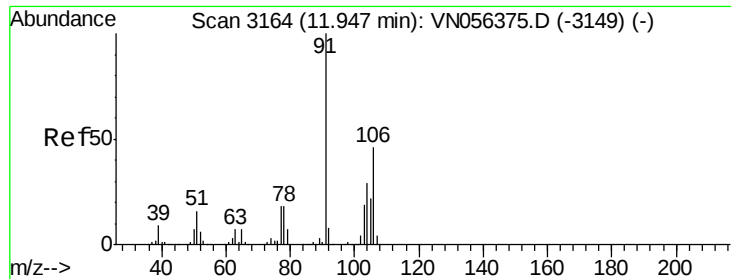
Tot Ion: 91 Resp: 853280
Ion Ratio Lower Upper
91 100
106 31.3 25.1 37.7



#68
m/p-Xylenes
Concen: 104.201 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN056495.D
Acq: 26 Jun 2019 10:37

Tgt Ion: 106 Resp: 642381
Ion Ratio Lower Upper
106 100
91 200.3 160.1 240.1

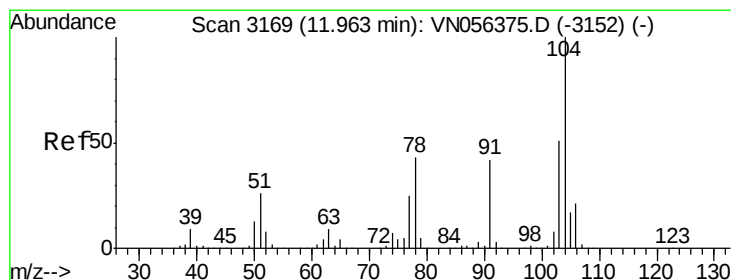
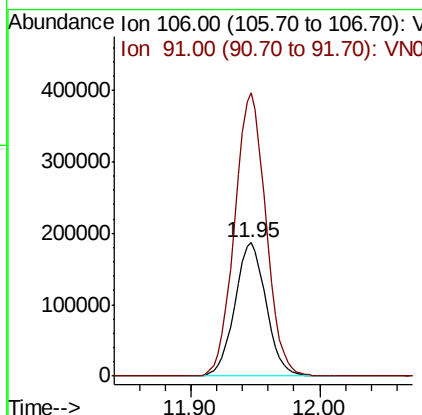
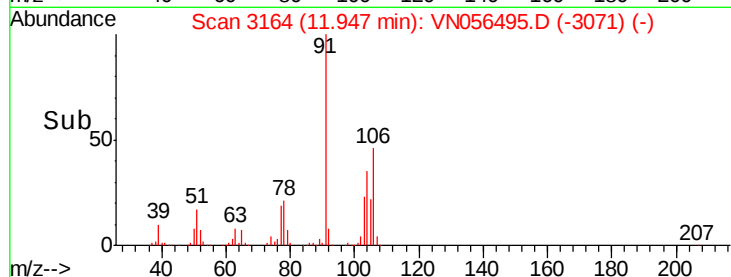
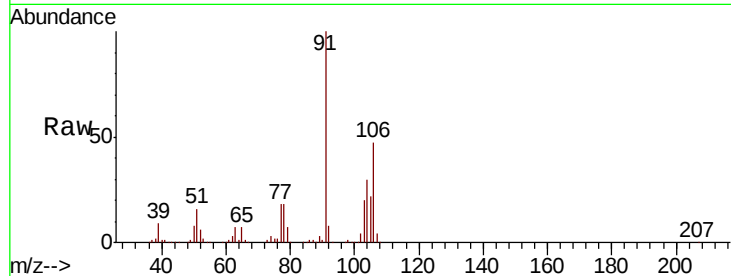




#69
o-Xylene
Concen: 51.413 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN056495.D
Acq: 26 Jun 2019 10:37

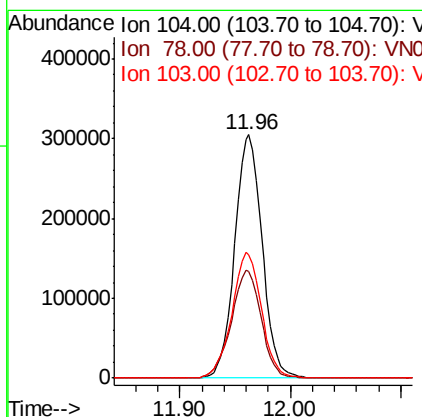
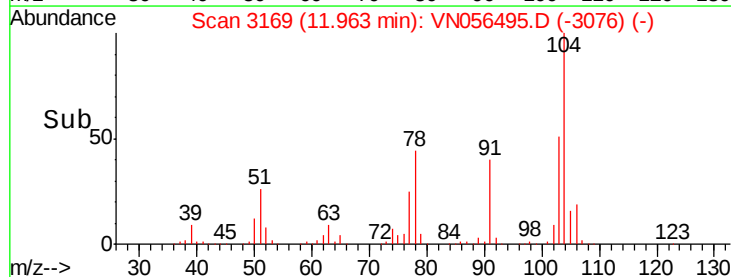
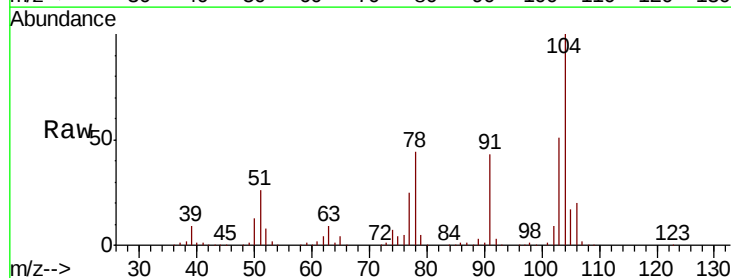
Instrument :
MSVOA_N
ClientSampled :

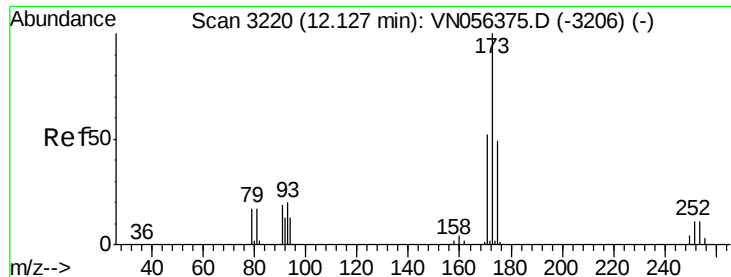
Tot Ion:106 Resp: 313570
Ion Ratio Lower Upper
106 100
91 213.2 107.1 321.3



#70
Styrene
Concen: 53.871 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN056495.D
Acq: 26 Jun 2019 10:37

Tgt Ion:104 Resp: 525185
Ion Ratio Lower Upper
104 100
78 48.3 38.6 57.8
103 55.5 43.9 65.9





#71

Bromoform

Concen: 50.004 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN056495.D

Acq: 26 Jun 2019 10:37

Instrument :

MSVOA_N

ClientSampled :

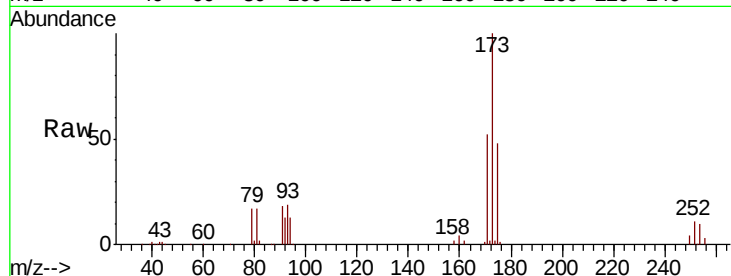
Tot Ion:173 Resp: 130619

Ion Ratio Lower Upper

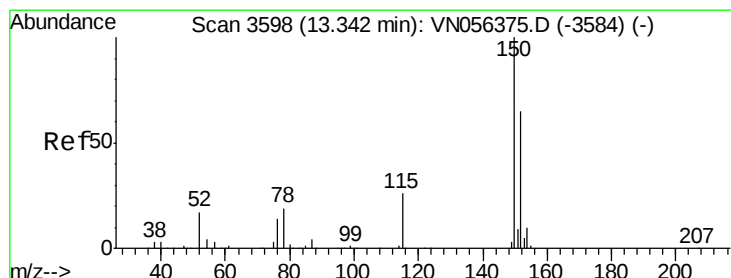
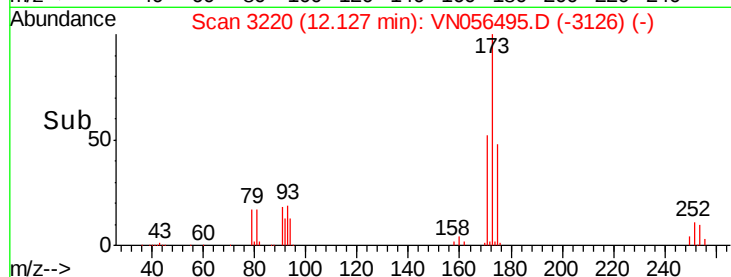
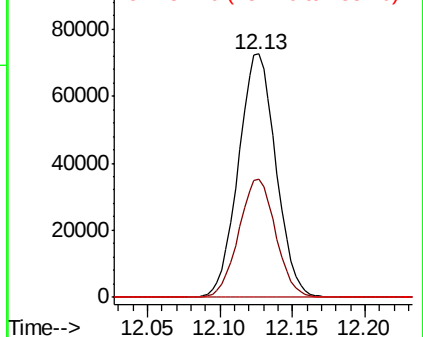
173 100

175 47.7 24.4 73.4

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: VN056495.D

Acq: 26 Jun 2019 10:37

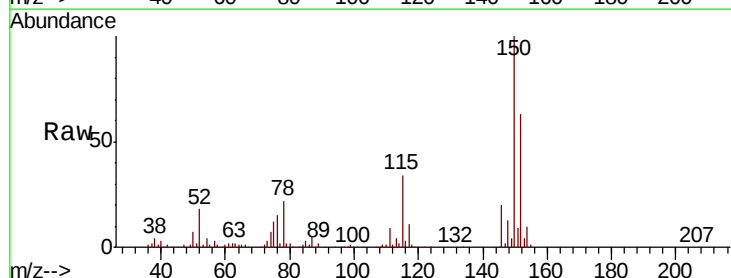
Tgt Ion:152 Resp: 207017

Ion Ratio Lower Upper

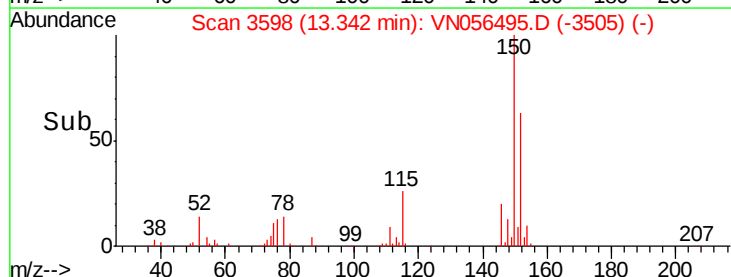
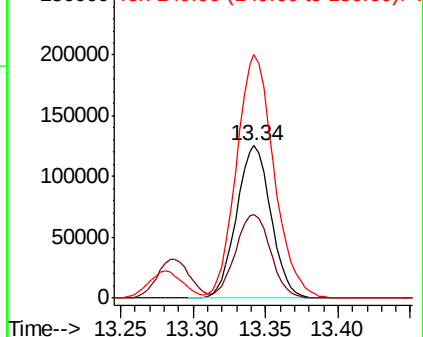
152 100

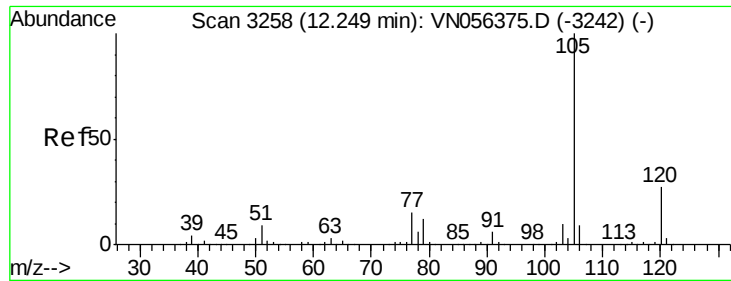
115 56.1 28.1 84.4

150 174.3 0.0 348.4



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: 54.219 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN056495.D

Acq: 26 Jun 2019 10:37

Instrument :

MSVOA_N

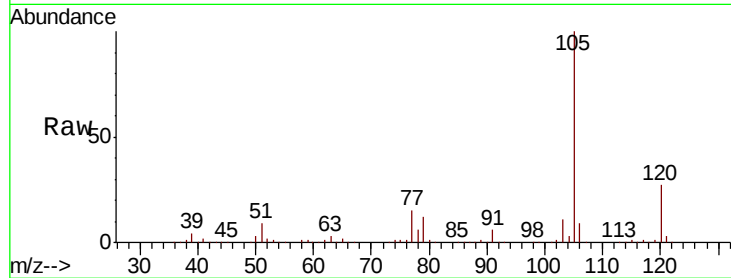
ClientSampled :

Tot Ion:105 Resp: 839521

Ion Ratio Lower Upper

105 100

120 27.0 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

600000

500000

400000

300000

200000

100000

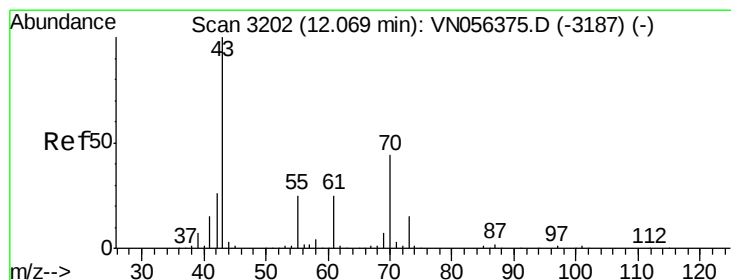
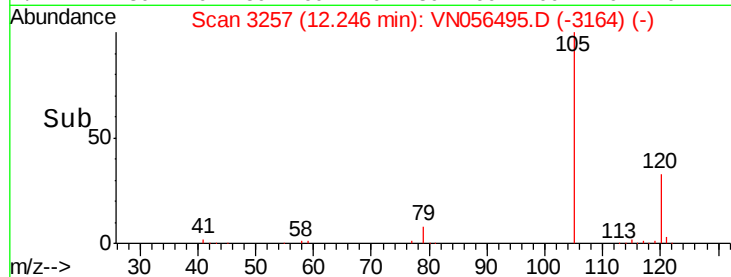
0

12.25

12.20

12.30

Time-->



#74

N-ethyl acetate

Concen: 47.151 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. -0.00 min

Lab File: VN056495.D

Acq: 26 Jun 2019 10:37

Tgt Ion: 43 Resp: 310654

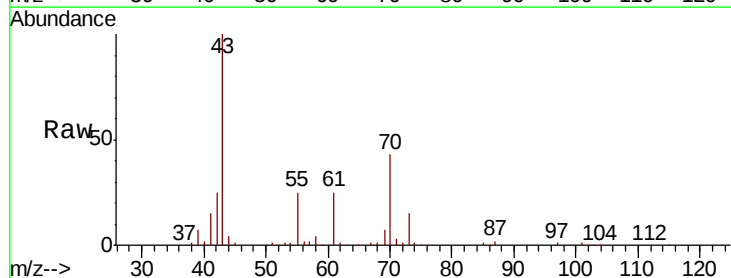
Ion Ratio Lower Upper

43 100

70 43.2 34.9 52.3

55 25.6 20.4 30.6

61 25.0 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

300000

250000

200000

150000

100000

50000

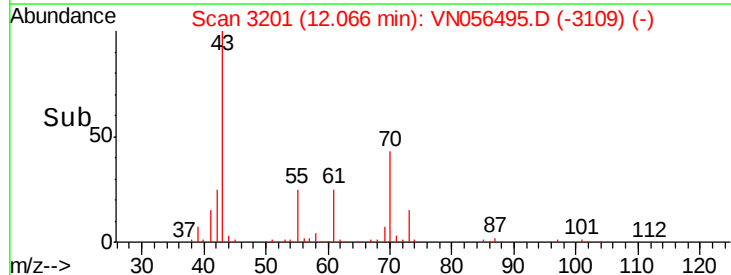
0

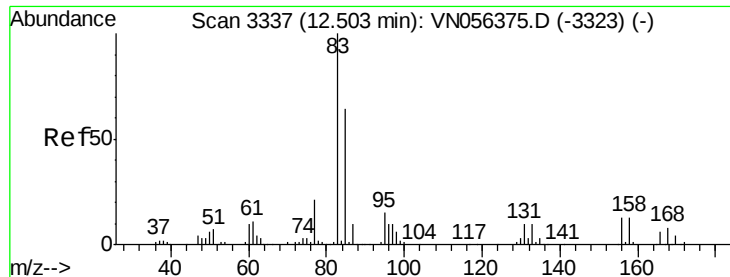
12.07

12.00

12.10

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 54.177 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN056495.D

Acq: 26 Jun 2019 10:37

Instrument :

MSVOA_N

ClientSampleId :

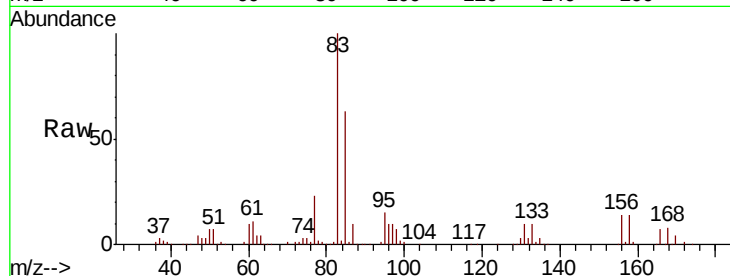
Tot Ion: 83 Resp: 259558

Ion Ratio Lower Upper

83 100

131 10.1 5.3 15.8

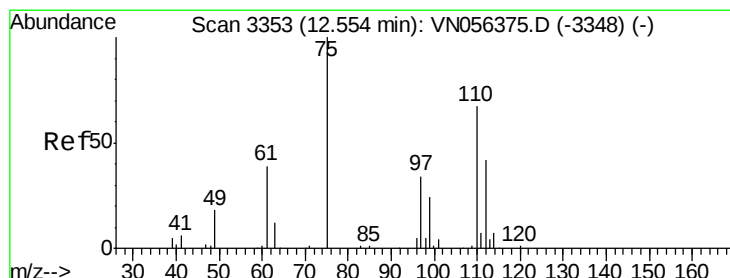
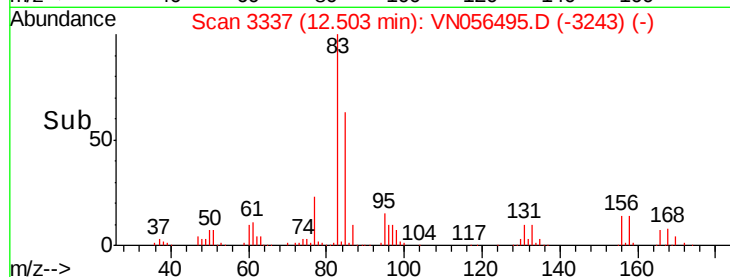
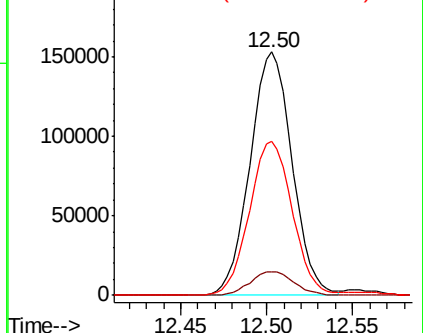
85 64.3 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN056375.D (-3323) (-)

Ion 130.80 (130.50 to 131.50): VN056375.D (-3323) (-)

Ion 84.90 (84.60 to 85.60): VN056375.D (-3323) (-)



#76

1,2,3-Trichloropropane

Concen: 71.517 ug/l

RT: 12.55 min Scan# 3352

Delta R.T. -0.00 min

Lab File: VN056495.D

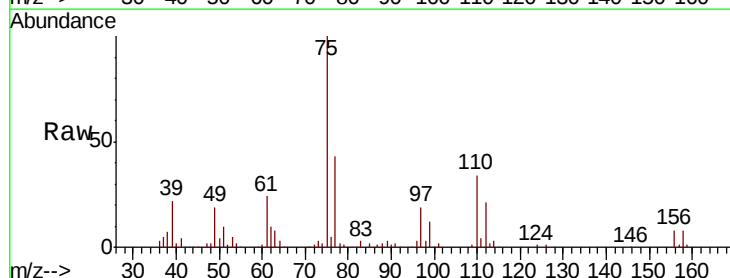
Acq: 26 Jun 2019 10:37

Tgt Ion: 75 Resp: 306988

Ion Ratio Lower Upper

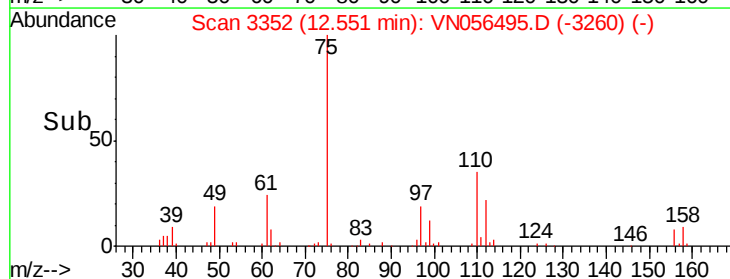
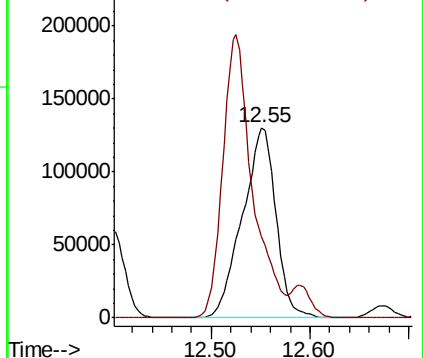
75 100

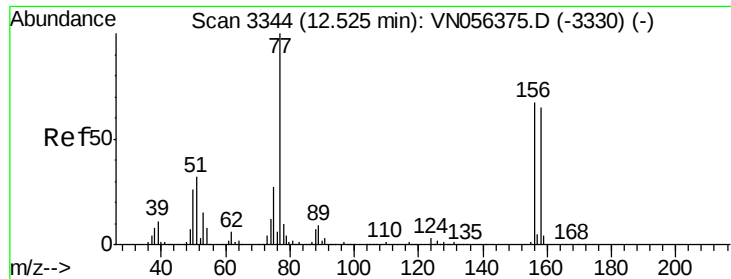
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN056375.D (-3348) (-)

Ion 77.00 (76.70 to 77.70): VN056375.D (-3348) (-)





#77

Bromobenzene

Concen: 47.398 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN056495.D

Acq: 26 Jun 2019 10:37

Instrument :

MSVOA_N

ClientSampled :

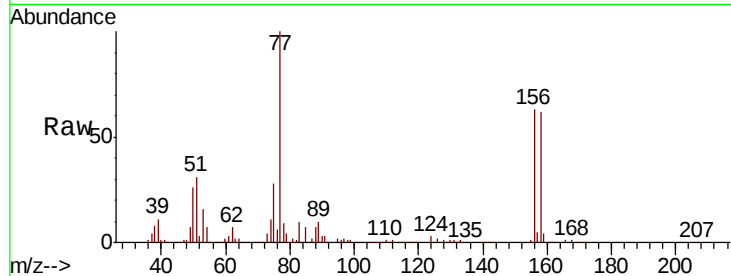
Tot Ion:156 Resp: 219400

Ion Ratio Lower Upper

156 100

77 188.3 92.5 277.3

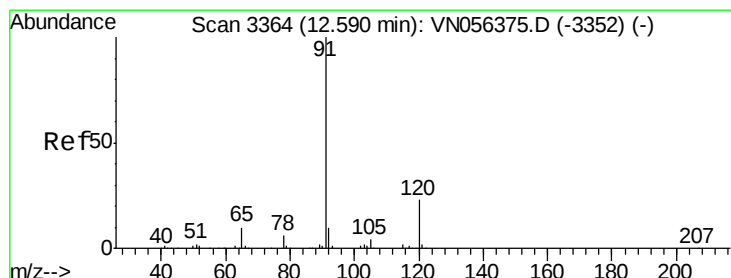
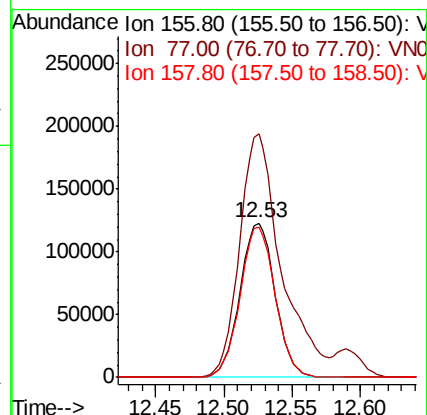
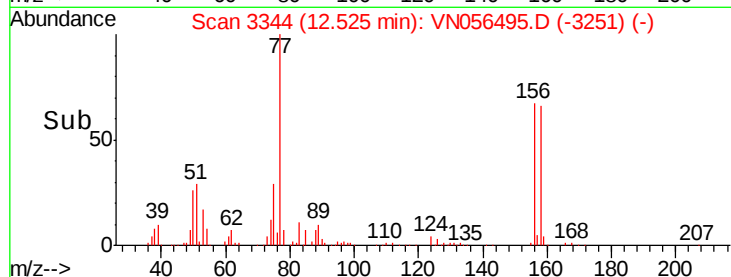
158 97.5 48.7 146.1



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: 48.360 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN056495.D

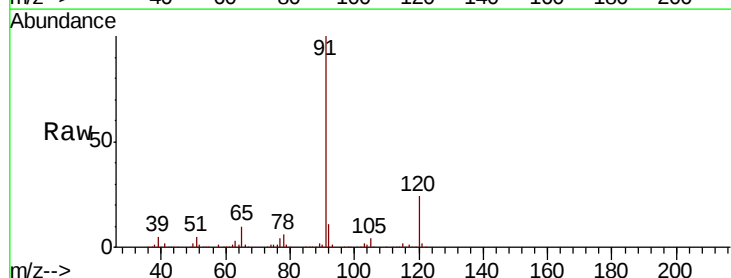
Acq: 26 Jun 2019 10:37

Tgt Ion: 91 Resp: 916803

Ion Ratio Lower Upper

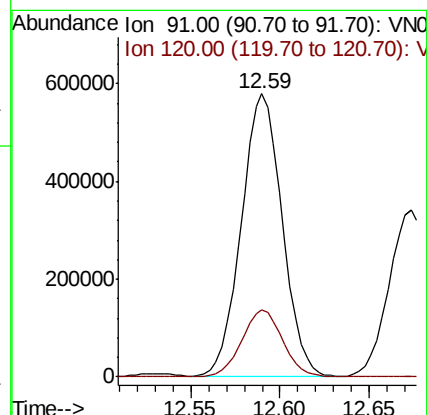
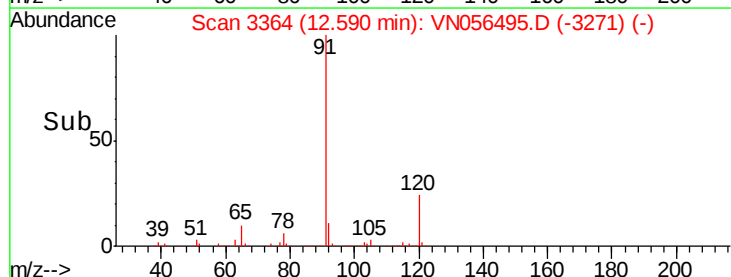
91 100

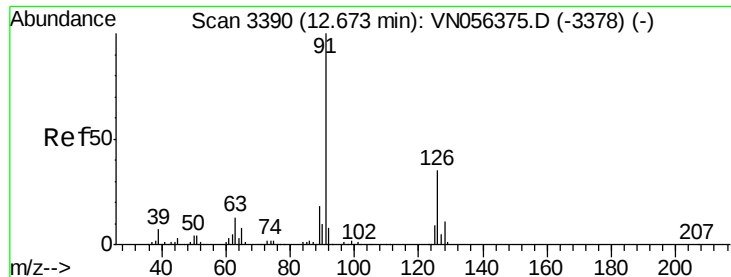
120 23.7 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 54.252 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN056495.D

Acq: 26 Jun 2019 10:37

Instrument :

MSVOA_N

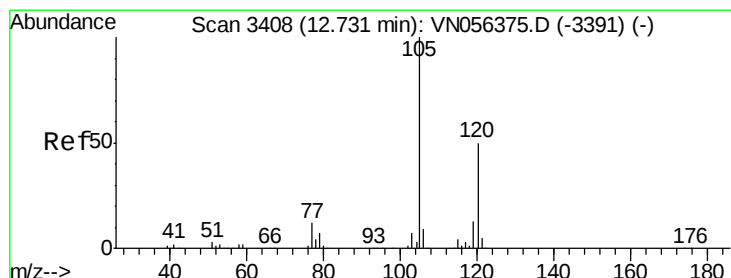
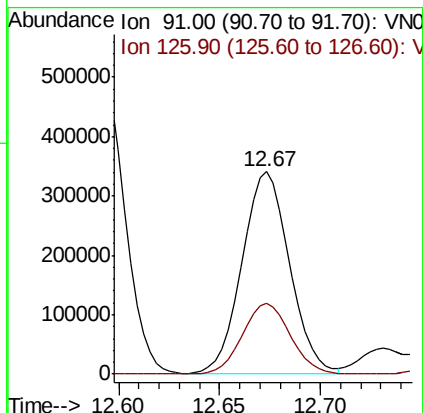
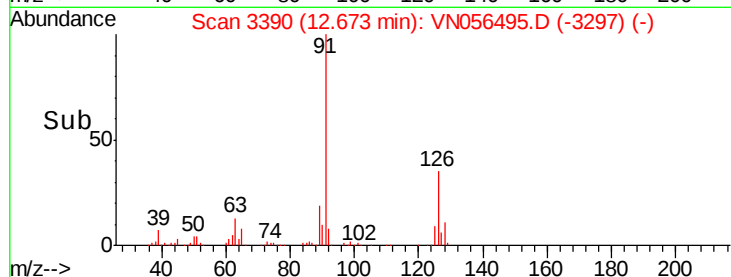
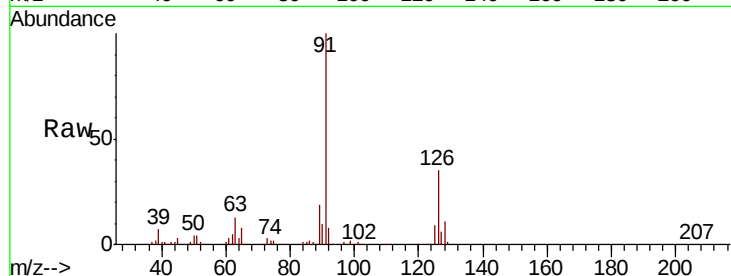
ClientSampleId :

Tot Ion: 91 Resp: 561727

Ion Ratio Lower Upper

91 100

126 35.5 17.6 52.8



#80

1,3,5-Trimethylbenzene

Concen: 53.644 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN056495.D

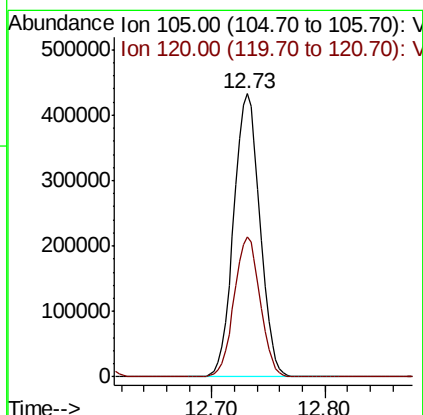
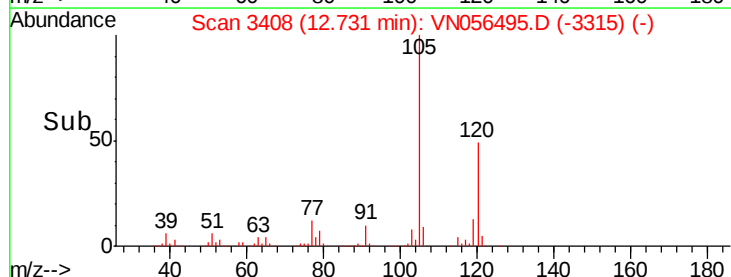
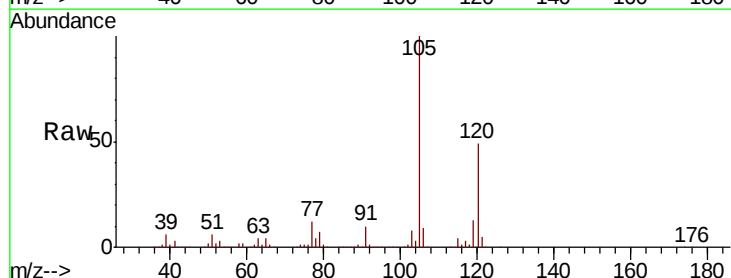
Acq: 26 Jun 2019 10:37

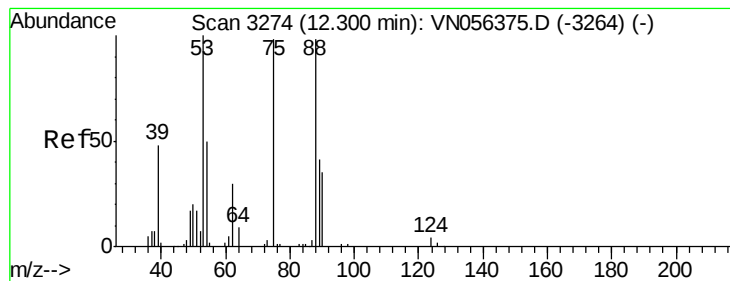
Tgt Ion: 105 Resp: 696746

Ion Ratio Lower Upper

105 100

120 49.1 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 55.745 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN056495.D

Acq: 26 Jun 2019 10:37

Instrument :

MSVOA_N

ClientSampleId :

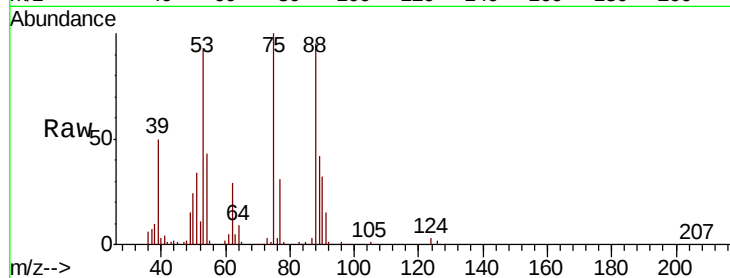
Tot Ion: 75 Resp: 67326

Ion Ratio Lower Upper

75 100

53 95.4 83.9 125.9

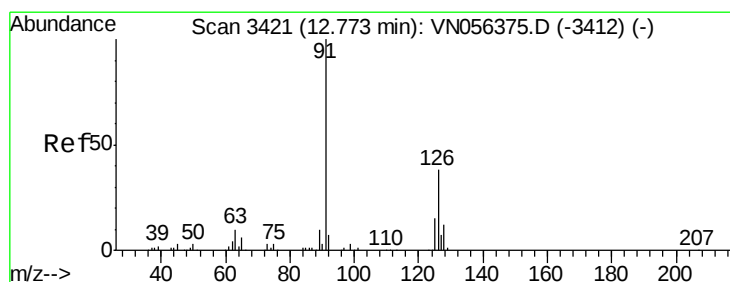
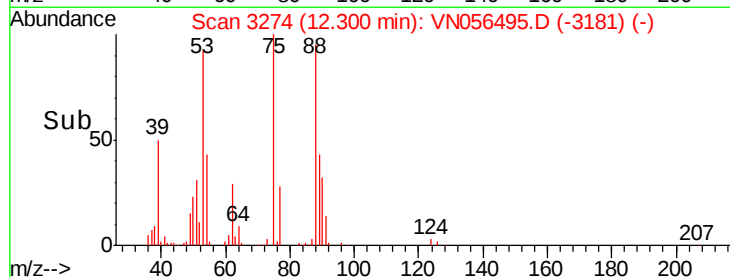
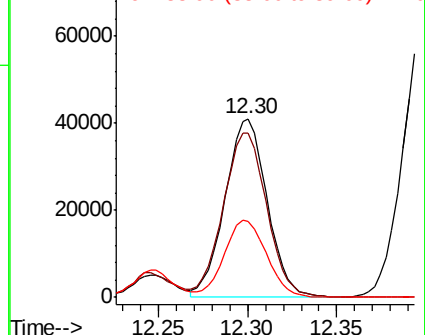
89 43.6 35.0 52.6



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 48.200 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN056495.D

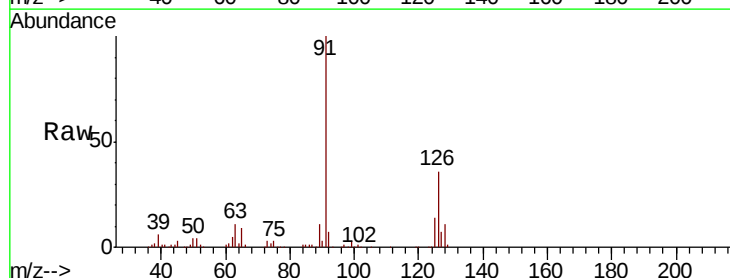
Acq: 26 Jun 2019 10:37

Tgt Ion: 91 Resp: 539529

Ion Ratio Lower Upper

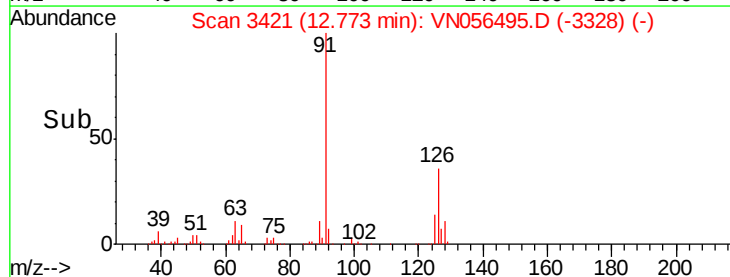
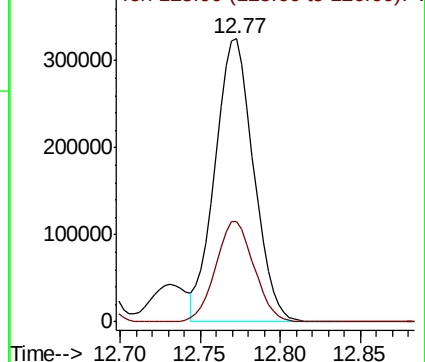
91 100

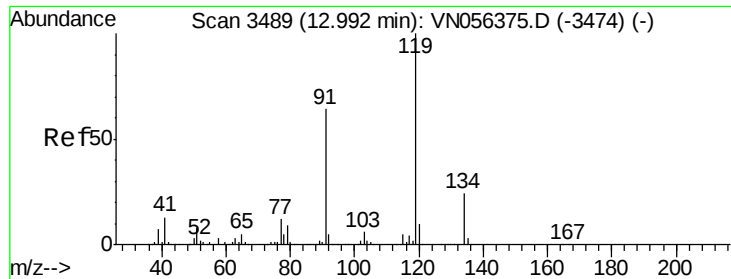
126 35.1 17.3 52.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

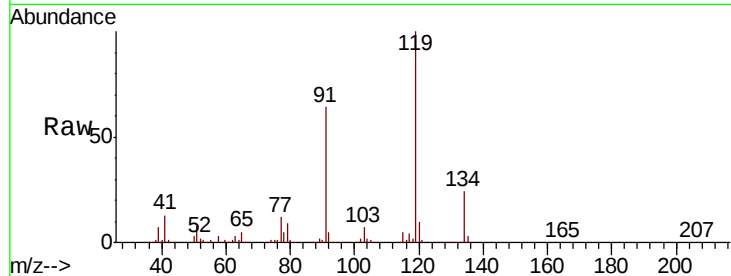




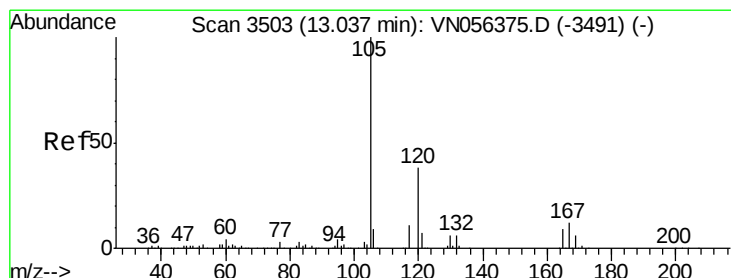
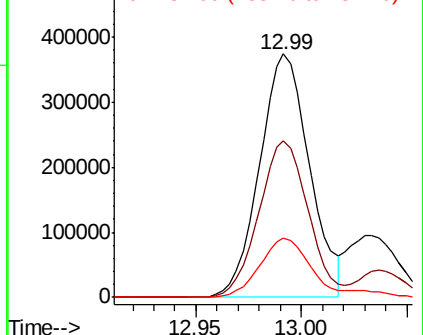
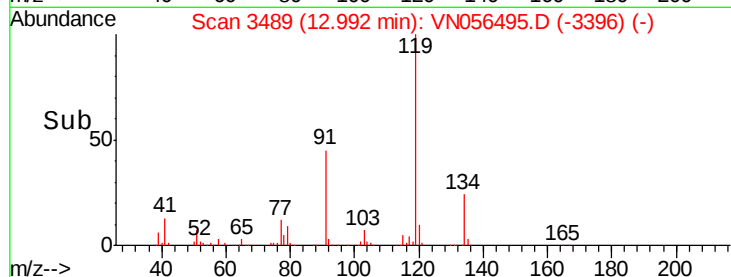
#83
tert-Butylbenzene
Concen: 54.629 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN056495.D
Acq: 26 Jun 2019 10:37

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:119 Resp: 617279
Ion Ratio Lower Upper
119 100
91 63.5 31.6 94.7
134 26.3 13.2 39.5

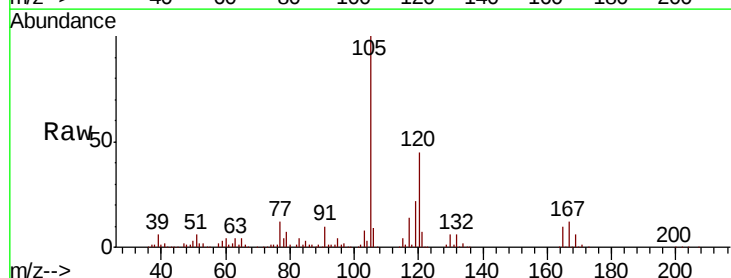


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

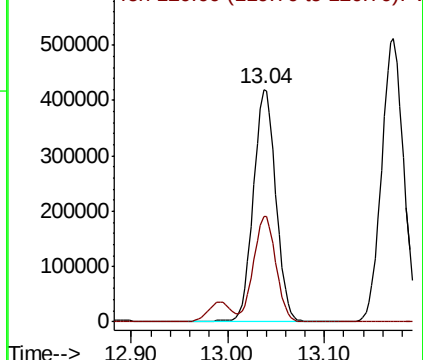
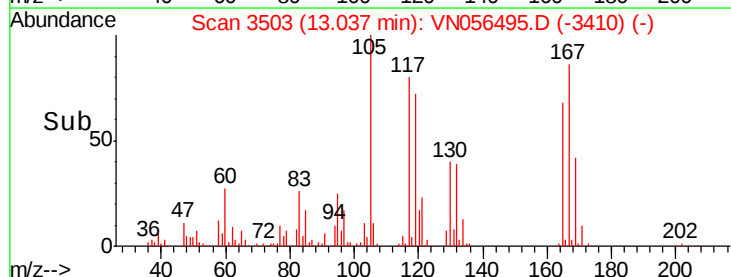


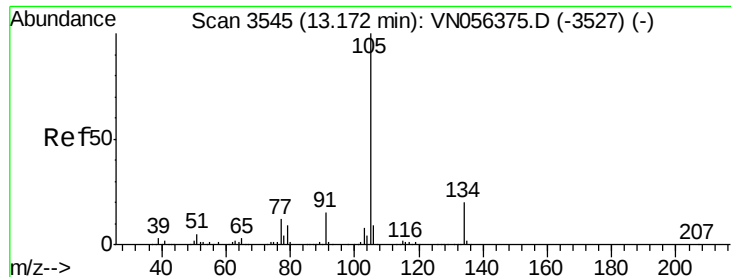
#84
1,2,4-Trimethylbenzene
Concen: 48.691 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. 0.00 min
Lab File: VN056495.D
Acq: 26 Jun 2019 10:37

Tgt Ion:105 Resp: 678567
Ion Ratio Lower Upper
105 100
120 45.1 22.9 68.8



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





#85

sec-Butylbenzene

Concen: 48.539 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN056495.D

Acq: 26 Jun 2019 10:37

Instrument :

MSVOA_N

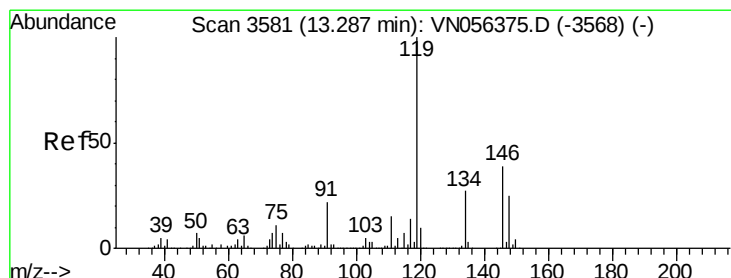
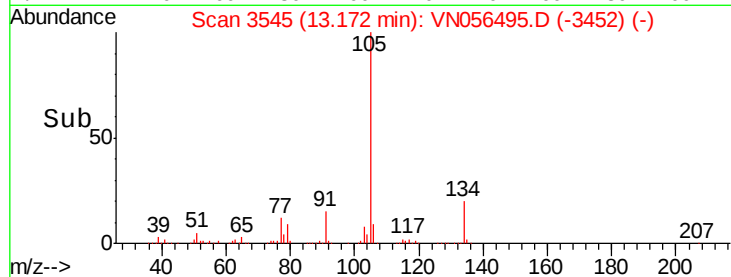
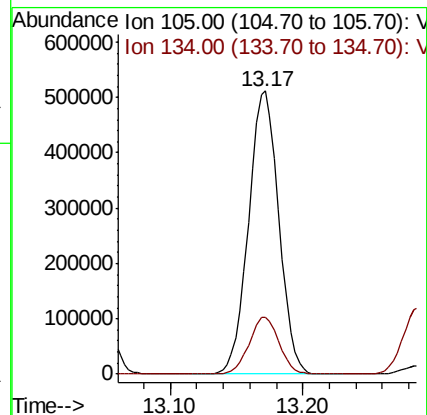
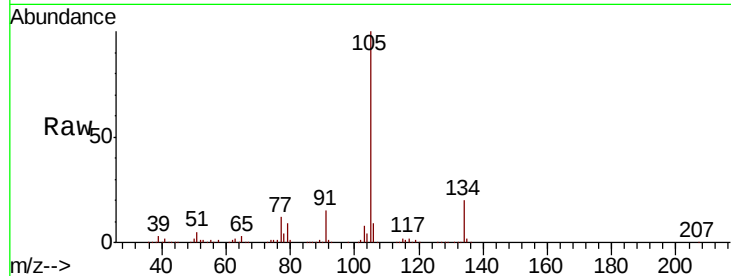
ClientSampleId :

Tot Ion:105 Resp: 808793

Ion Ratio Lower Upper

105 100

134 19.9 10.2 30.4



#86

p-Isopropyltoluene

Concen: 49.757 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN056495.D

Acq: 26 Jun 2019 10:37

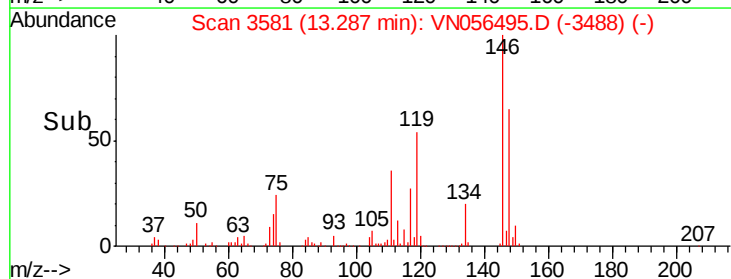
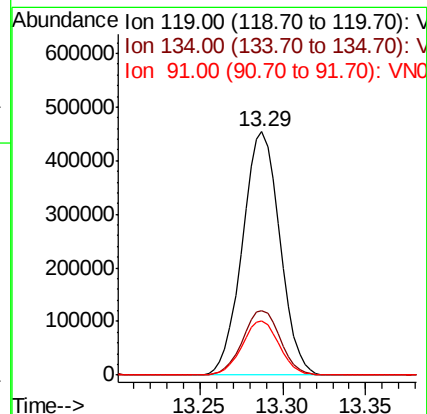
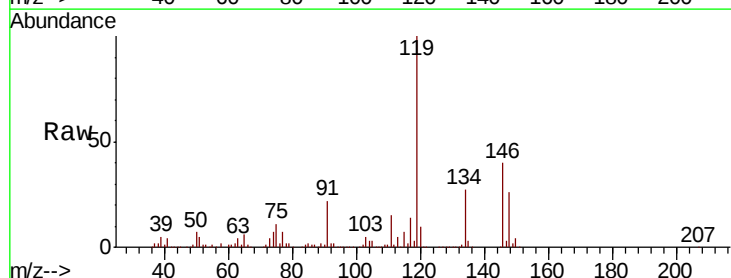
Tgt Ion:119 Resp: 711534

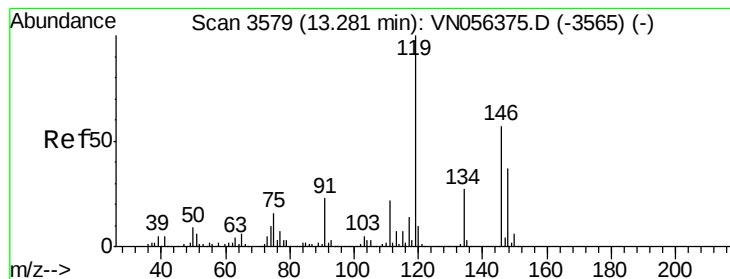
Ion Ratio Lower Upper

119 100

134 26.8 13.5 40.4

91 22.2 11.2 33.5





#87

1,3-Dichlorobenzene

Concen: 50.645 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. 0.00 min

Lab File: VN056495.D

Acq: 26 Jun 2019 10:37

Instrument :

MSVOA_N

ClientSampleId :

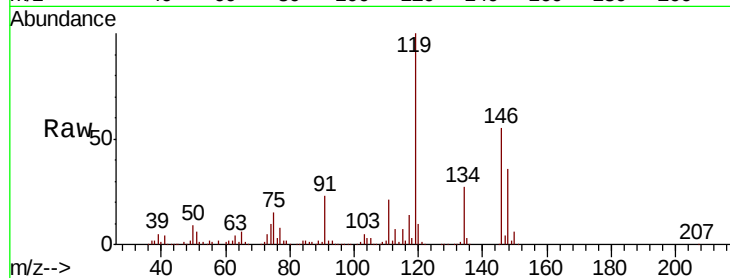
Tot Ion:146 Resp: 355268

Ion Ratio Lower Upper

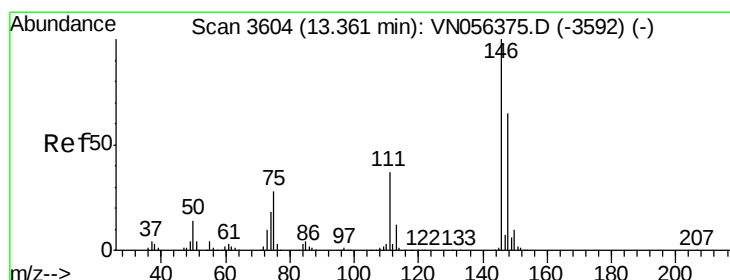
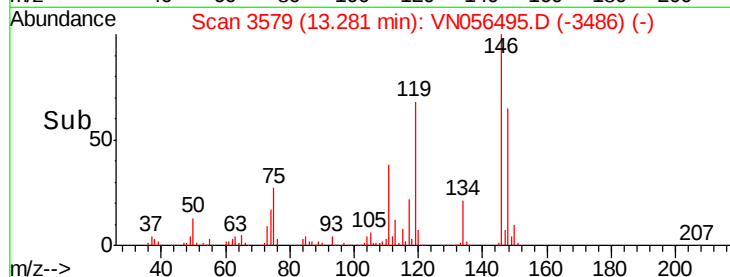
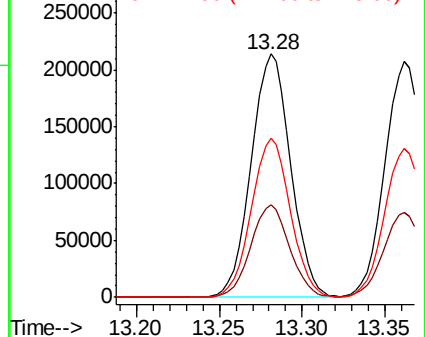
146 100

111 37.6 18.9 56.9

148 64.7 32.1 96.5



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



#88

1,4-Dichlorobenzene

Concen: 50.065 ug/l

RT: 13.36 min Scan# 3604

Delta R.T. 0.00 min

Lab File: VN056495.D

Acq: 26 Jun 2019 10:37

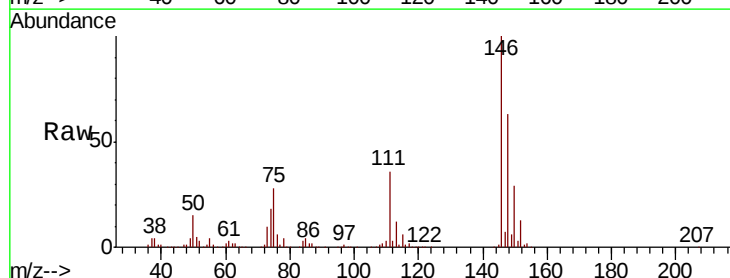
Tgt Ion:146 Resp: 340128

Ion Ratio Lower Upper

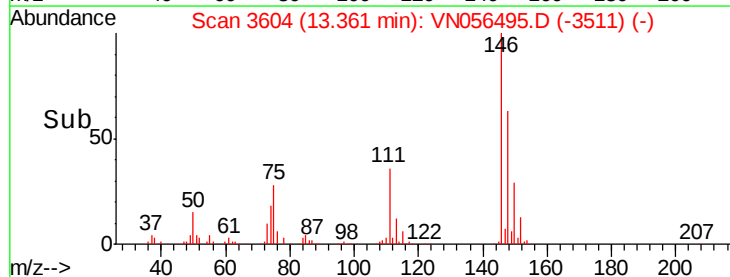
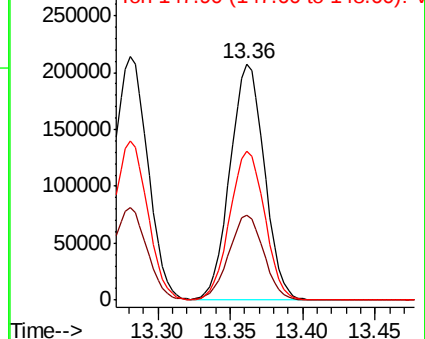
146 100

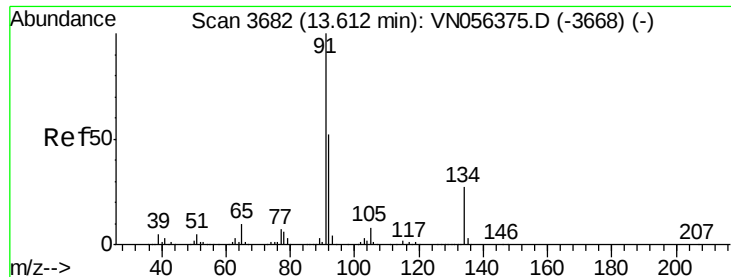
111 36.3 18.4 55.4

148 64.4 32.4 97.0



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





#89

n-Butylbenzene

Concen: 49.178 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN056495.D

Acq: 26 Jun 2019 10:37

Instrument :

MSVOA_N

ClientSampled :

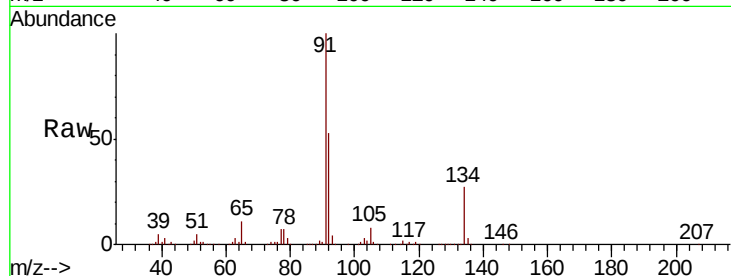
Tot Ion: 91 Resp: 532380

Ion Ratio Lower Upper

91 100

92 52.9 26.2 78.5

134 26.7 13.4 40.2

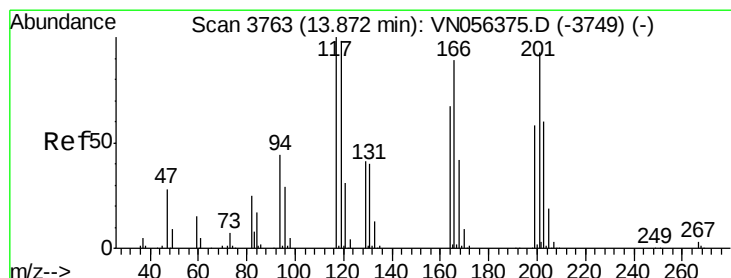
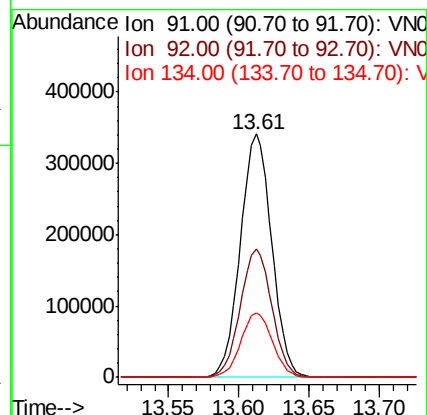
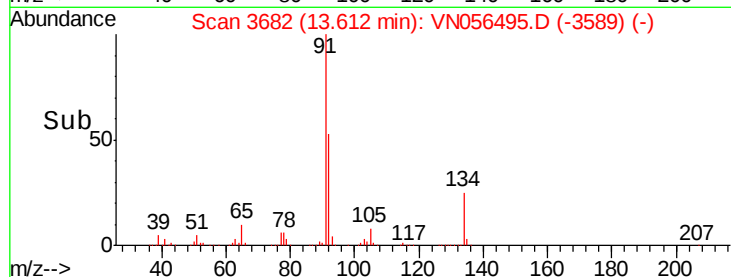


Abundance Ion 91.00 (90.70 to 91.70): VN056375.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN056375.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN056375.D (-3668) (-)

Time-->



#90

Hexachloroethane

Concen: 52.210 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN056495.D

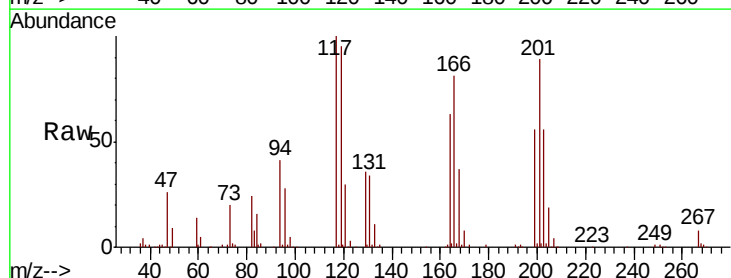
Acq: 26 Jun 2019 10:37

Tgt Ion: 117 Resp: 116398

Ion Ratio Lower Upper

117 100

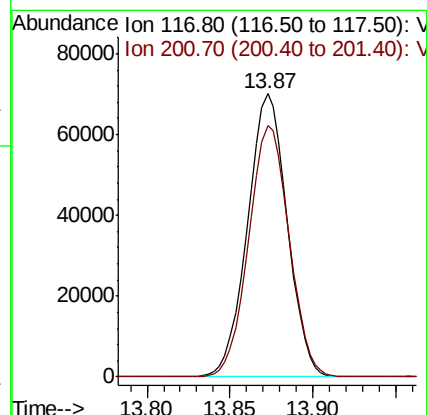
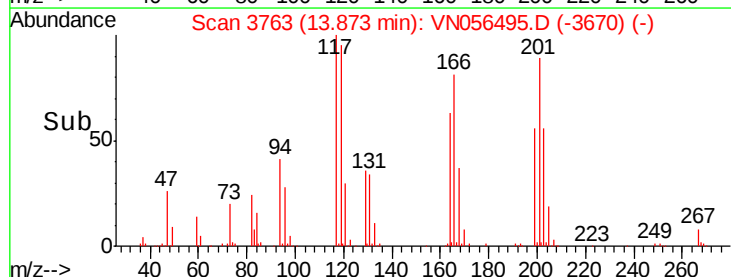
201 90.6 45.9 137.6

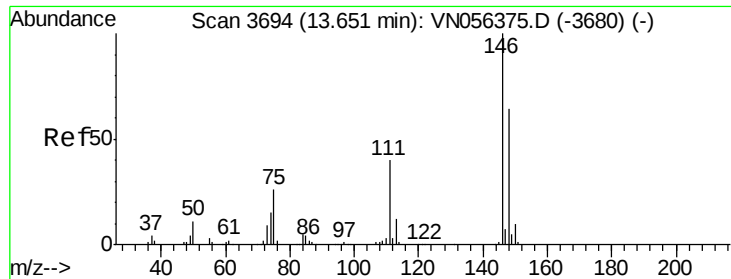


Abundance Ion 116.80 (116.50 to 117.50): VN056375.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN056375.D (-3749) (-)

Time-->

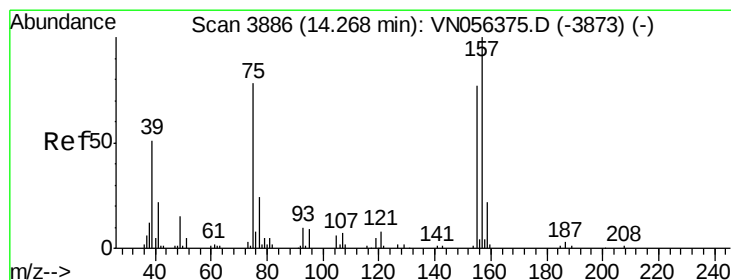
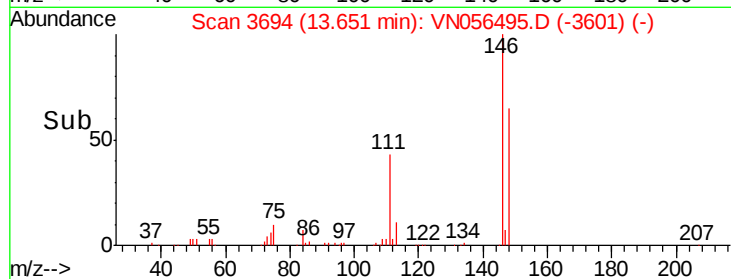
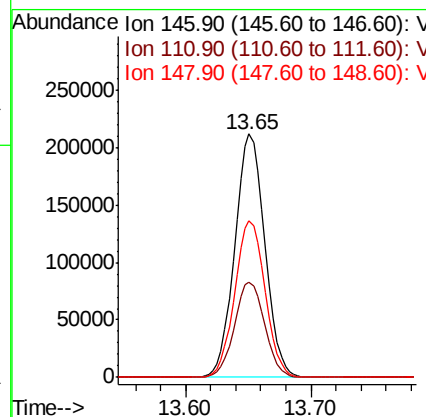
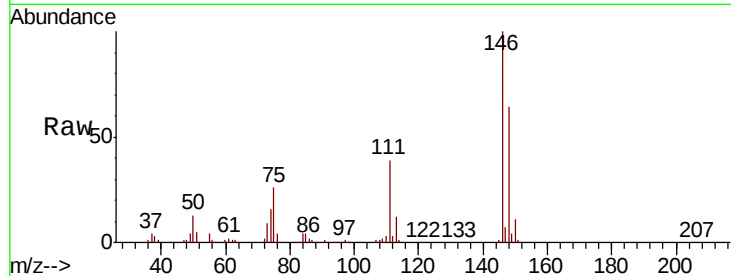




#91
 1,2-Dichlorobenzene
 Concen: 50.422 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN056495.D
 Acq: 26 Jun 2019 10:37

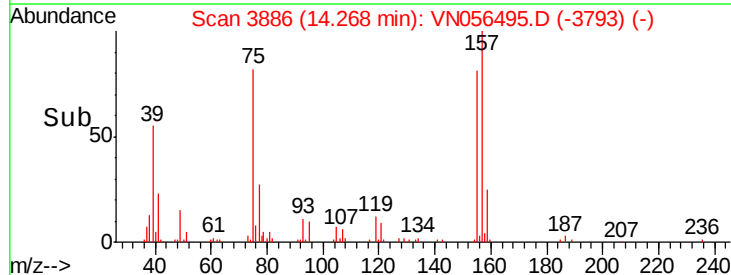
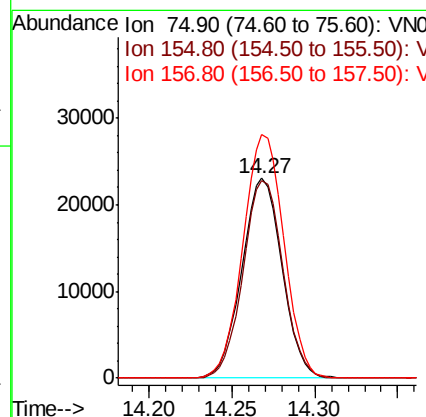
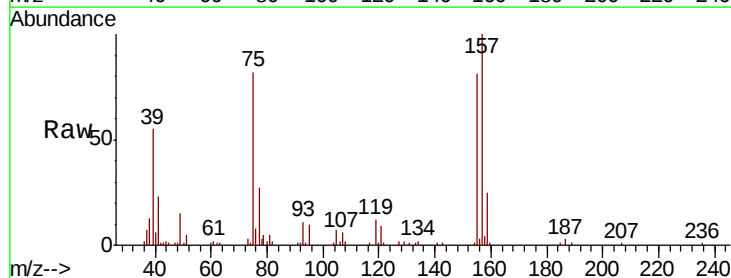
Instrument :
 MSVOA_N
 ClientSampleId :

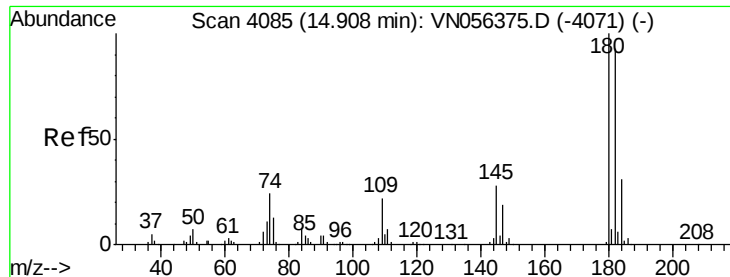
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.3	57.9
148	65.0	32.0	96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.943 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN056495.D
 Acq: 26 Jun 2019 10:37

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.7	48.9	146.8
157	123.6	62.9	188.8

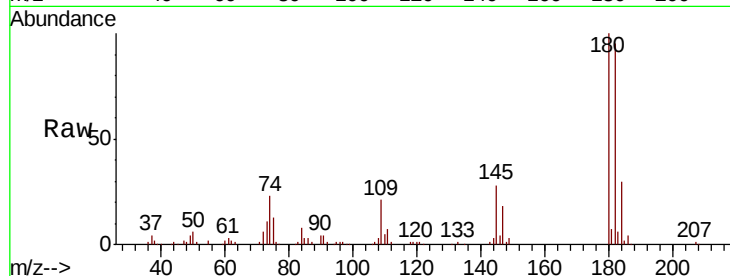




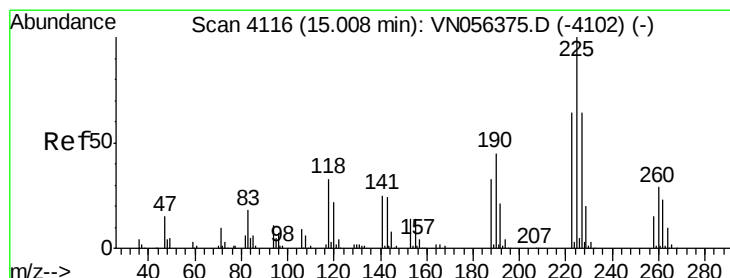
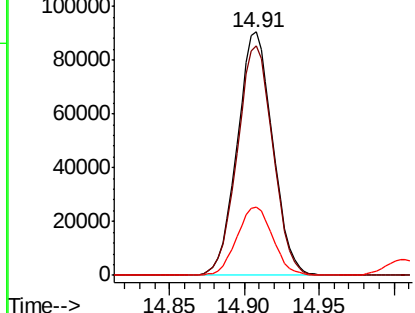
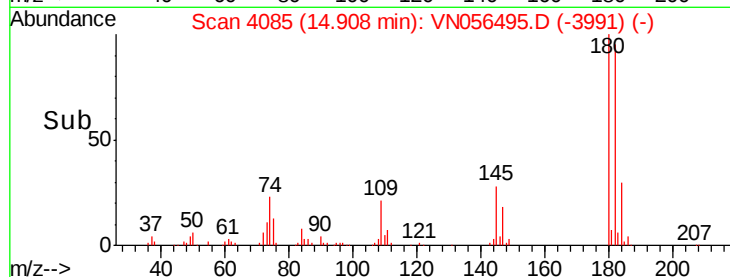
#93
 1,2,4-Trichlorobenzene
 Concen: 42.118 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056495.D
 Acq: 26 Jun 2019 10:37

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.8	46.9	140.6
145	28.4	14.4	43.0

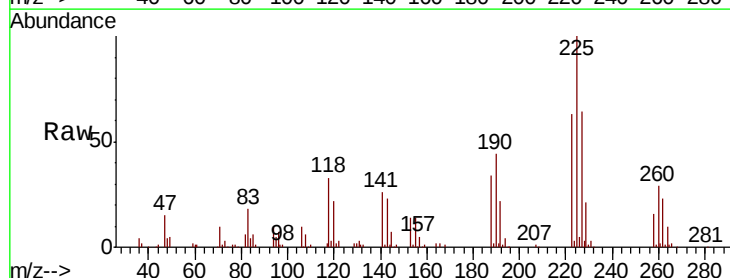


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

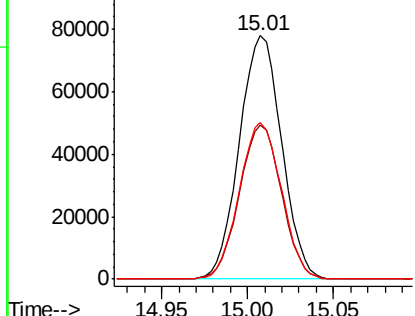
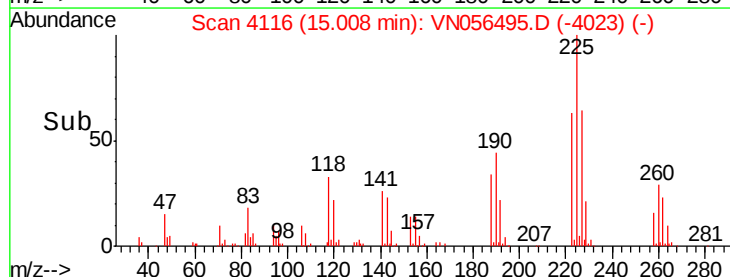


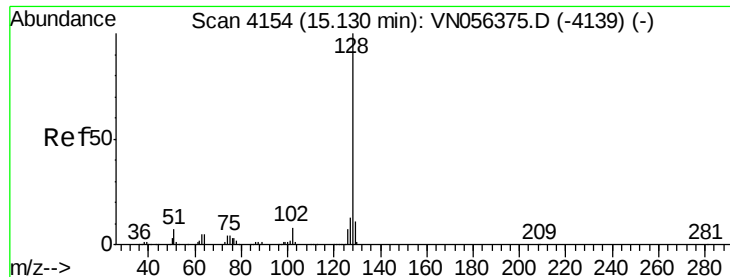
#94
 Hexachlorobutadiene
 Concen: 56.697 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN056495.D
 Acq: 26 Jun 2019 10:37

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	31.4	94.3
227	64.0	32.1	96.3



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: 40.307 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN056495.D

Acq: 26 Jun 2019 10:37

Instrument :

MSVOA_N

ClientSampled :

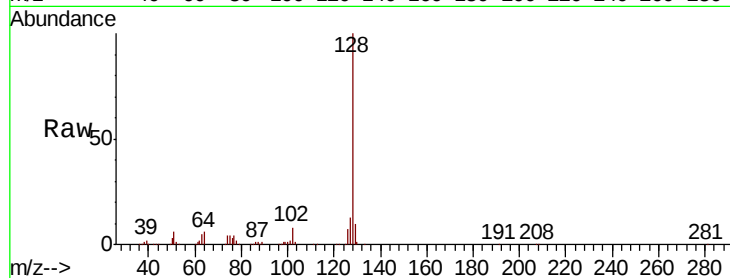
Tot Ion:128 Resp: 371046

Ion Ratio Lower Upper

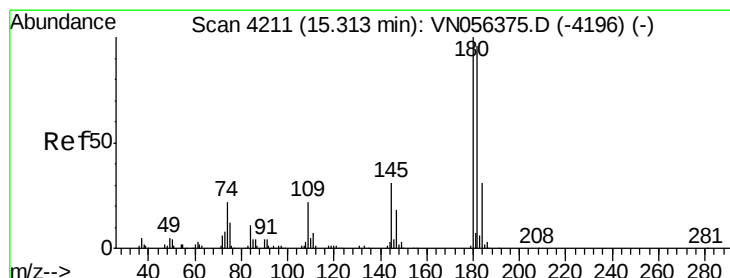
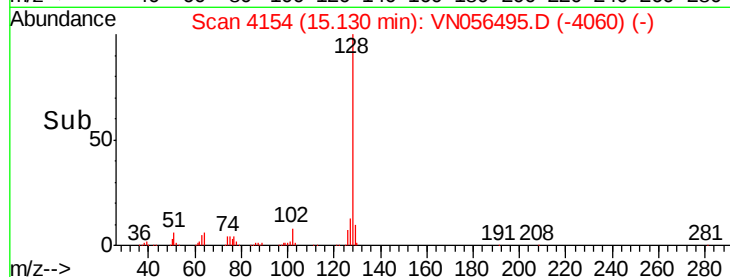
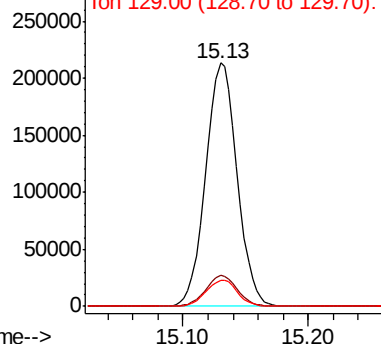
128 100

127 12.6 10.2 15.2

129 10.8 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: 43.621 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN056495.D

Acq: 26 Jun 2019 10:37

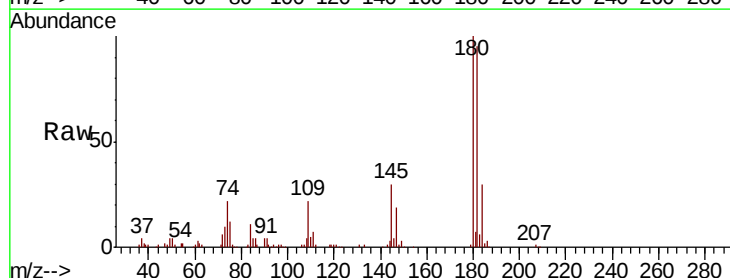
Tgt Ion:180 Resp: 161458

Ion Ratio Lower Upper

180 100

182 95.4 48.3 144.8

145 30.3 15.4 46.1



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

