

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062619\
 Data File : VN056499.D
 Acq On : 26 Jun 2019 12:27
 Operator : JC/SP
 Sample : VN0626WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 27 07:37:27 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	7.67	168	342990	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	531490	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	458065	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	165447	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	194106	51.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.12%	
35) Dibromofluoromethane	7.59	113	167322	50.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.92%	
50) Toluene-d8	10.09	98	619898	48.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.10%	
62) 4-Bromofluorobenzene	12.40	95	198341	46.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	53478	18.414	ug/l	99
3) Chloromethane	2.06	50	70834	17.912	ug/l	99
4) Vinyl Chloride	2.18	62	71371	18.686	ug/l	100
5) Bromomethane	2.53	94	41616	18.586	ug/l	98
6) Chloroethane	2.69	64	42370	19.156	ug/l	97
7) Trichlorofluoromethane	3.00	101	96940	19.621	ug/l	99
8) Diethyl Ether	3.41	74	40886	19.554	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.75	101	60514	19.206	ug/l	98
10) Methyl Iodide	3.95	142	78376	18.405	ug/l	99
11) Tert butyl alcohol	4.80	59	73279	114.453	ug/l	100
12) 1,1-Dichloroethene	3.73	96	57752	19.061	ug/l	99
13) Acrolein	3.61	56	32110	59.505	ug/l	99
14) Allyl chloride	4.32	41	99508	19.729	ug/l	99
15) Acrylonitrile	4.99	53	181882	102.685	ug/l	100
16) Acetone	3.82	43	168897	88.681	ug/l	99
17) Carbon Disulfide	4.05	76	109825	15.936	ug/l	99
18) Methyl Acetate	4.33	43	82258	21.558	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	203867	20.334	ug/l	98
20) Methylene Chloride	4.55	84	72567	19.672	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	62242	19.054	ug/l	98
22) Diisopropyl ether	5.95	45	216201	20.411	ug/l	98
23) Vinyl Acetate	5.90	43	879989	105.330	ug/l	99
24) 1,1-Dichloroethane	5.85	63	121796	20.031	ug/l	98
25) 2-Butanone	6.84	43	249928	99.151	ug/l	97
26) 2,2-Dichloropropane	6.82	77	83388	19.718	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	76799	20.095	ug/l	99
28) Bromochloromethane	7.20	49	56952	18.936	ug/l	98
29) Tetrahydrofuran	7.21	42	160485	104.184	ug/l	100
30) Chloroform	7.37	83	122731	20.456	ug/l	99
31) Cyclohexane	7.65	56	107041	18.235	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	95556	20.092	ug/l	98
36) 1,1-Dichloropropene	7.79	75	84798	18.127	ug/l	98
37) Ethyl Acetate	6.93	43	94922	20.647	ug/l	99
38) Carbon Tetrachloride	7.77	117	79197	19.359	ug/l	97

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 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	104028	18.022	ug/l	99
40) Benzene	8.04	78	279130	19.398	ug/l	99
41) Methacrylonitrile	7.18	41	41775	20.578	ug/l	90
42) 1,2-Dichloroethane	8.12	62	92793	19.540	ug/l	100
43) Isopropyl Acetate	8.17	43	145702	20.553	ug/l #	90
44) Trichloroethene	8.83	130	73421	18.941	ug/l	97
45) 1,2-Dichloropropane	9.12	63	77621	20.170	ug/l	99
46) Dibromomethane	9.21	93	48588	20.181	ug/l	98
47) Bromodichloromethane	9.40	83	87313	20.447	ug/l	98
48) Methyl methacrylate	9.20	41	70584	19.869	ug/l	98
49) 1,4-Dioxane	9.20	88	30160	409.113	ug/l	98
51) 4-Methyl-2-Pentanone	9.98	43	463236	101.243	ug/l	100
52) Toluene	10.16	92	171628	19.509	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	87580	19.482	ug/l	96
54) cis-1,3-Dichloropropene	9.84	75	103844	20.194	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	73177	20.693	ug/l	98
56) Ethyl methacrylate	10.43	69	101273	19.596	ug/l	99
57) 1,3-Dichloropropane	10.71	76	119605	20.133	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	141171	76.037	ug/l	99
59) 2-Hexanone	10.75	43	330185	98.187	ug/l	99
60) Dibromochloromethane	10.90	129	66748	19.871	ug/l	99
61) 1,2-Dibromoethane	11.00	107	73601	20.378	ug/l	99
64) Tetrachloroethene	10.63	164	71277	19.649	ug/l	98
65) Chlorobenzene	11.43	112	182295	19.806	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	66501	21.378	ug/l	99
67) Ethyl Benzene	11.51	91	313902	19.423	ug/l	100
68) m/p-Xylenes	11.62	106	230368	38.896	ug/l	98
69) o-Xylene	11.95	106	114702	19.575	ug/l	98
70) Styrene	11.96	104	184583	19.708	ug/l	99
71) Bromoform	12.12	173	44158	19.633	ug/l #	98
73) Isopropylbenzene	12.25	105	309681	23.496	ug/l	100
74) N-amyl acetate	12.07	43	111954	21.262	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	100968	24.689	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	114150	33.274	ug/l #	100
77) Bromobenzene	12.53	156	77999	21.084	ug/l	98
78) n-propylbenzene	12.59	91	308670	20.373	ug/l	100
79) 2-Chlorotoluene	12.67	91	199949	22.685	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	246253	22.403	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	21933	22.723	ug/l	98
82) 4-Chlorotoluene	12.77	91	176910	19.776	ug/l	100
83) tert-Butylbenzene	12.99	119	223287	23.127	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	223830	20.096	ug/l	99
85) sec-Butylbenzene	13.17	105	278221	20.892	ug/l	100
86) p-Isopropyltoluene	13.29	119	226689	19.835	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	110139	19.646	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	105290	19.392	ug/l	99
89) n-Butylbenzene	13.61	91	151895	17.557	ug/l	100
90) Hexachloroethane	13.87	117	38777	21.763	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	115107	20.694	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	12801	20.911	ug/l	98

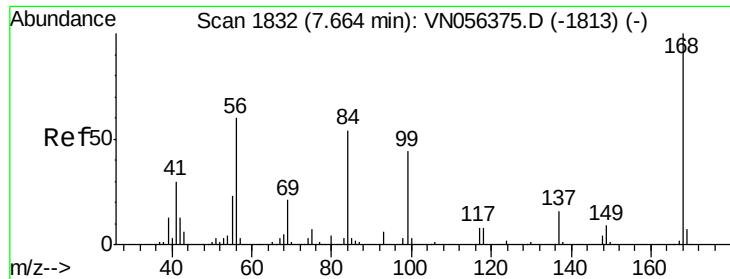
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062619\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	33252	15.805	ug/l	97
94) Hexachlorobutadiene	15.01	225	42812	21.647	ug/l	99
95) Naphthalene	15.13	128	94137	16.375	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	40283	16.700	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN056499.D

Acq: 26 Jun 2019 12:27

Instrument :

MSVOA_N

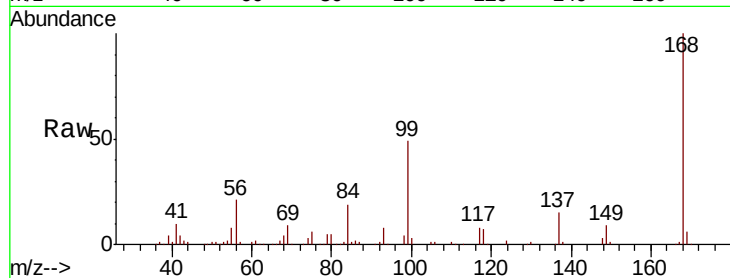
ClientSampled :

Tot Ion:168 Resp: 342990

Ion Ratio Lower Upper

168 100

99 48.2 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

150000

100000

50000

0

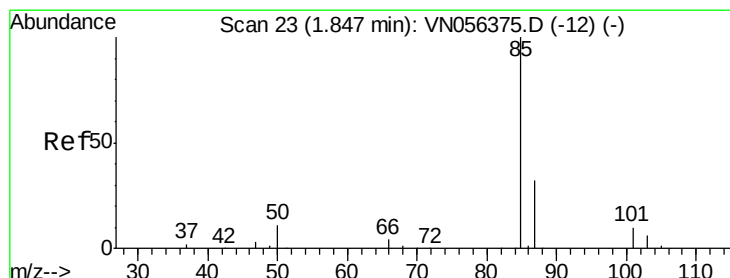
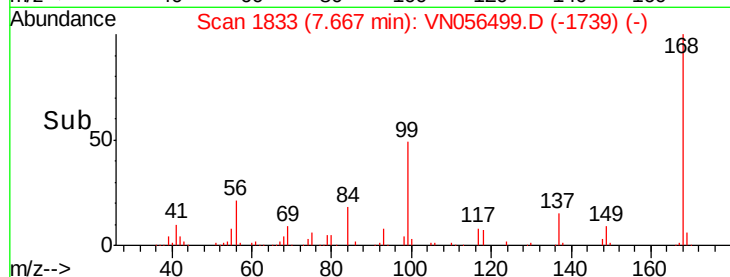
7.67

7.60

7.70

7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 18.414 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN056499.D

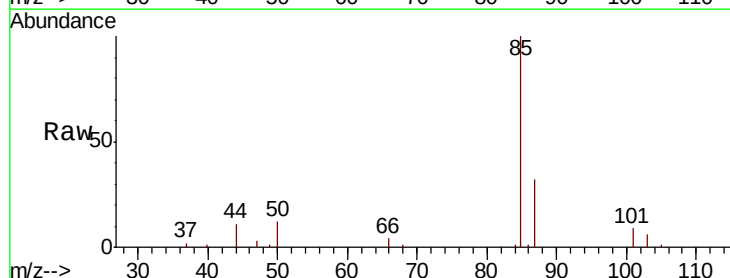
Acq: 26 Jun 2019 12:27

Tgt Ion: 85 Resp: 53478

Ion Ratio Lower Upper

85 100

87 31.8 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

30000

20000

10000

0

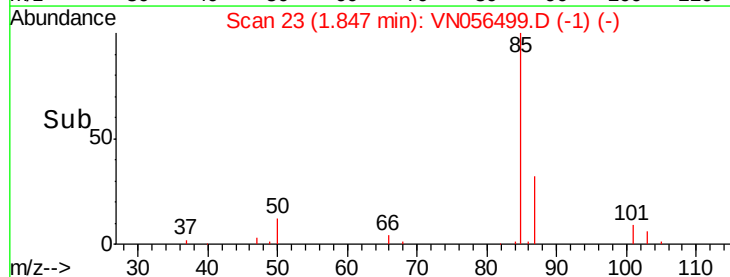
1.85

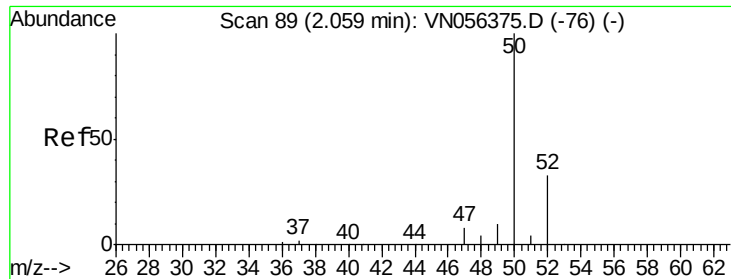
1.80

1.90

1.95

Time-->

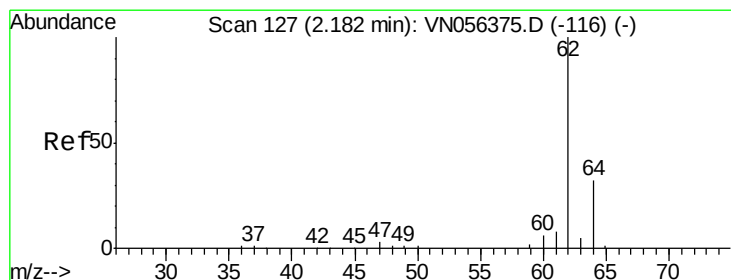
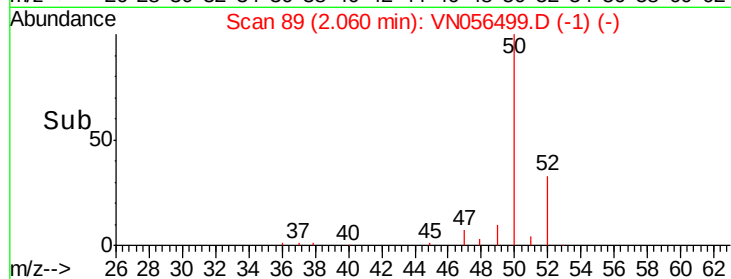
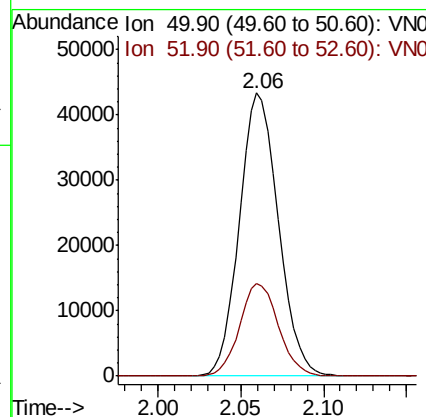
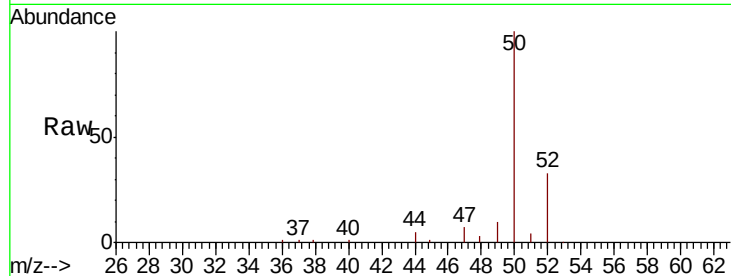




#3
Chloromethane
Concen: 17.912 ug/l
RT: 2.06 min Scan# 89
Delta R.T. 0.00 min
Lab File: VN056499.D
Acq: 26 Jun 2019 12:27

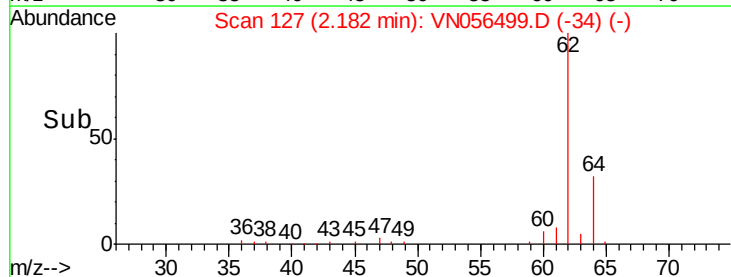
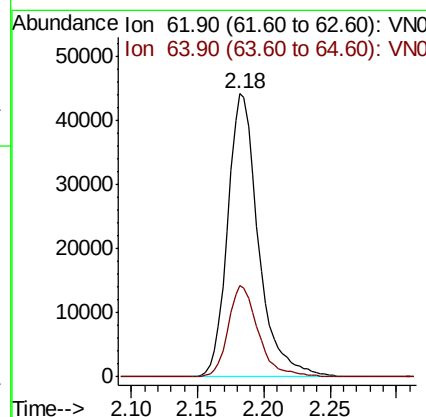
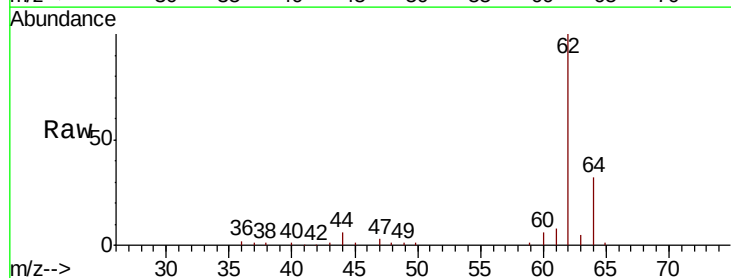
Instrument :
MSVOA_N
ClientSampleId :

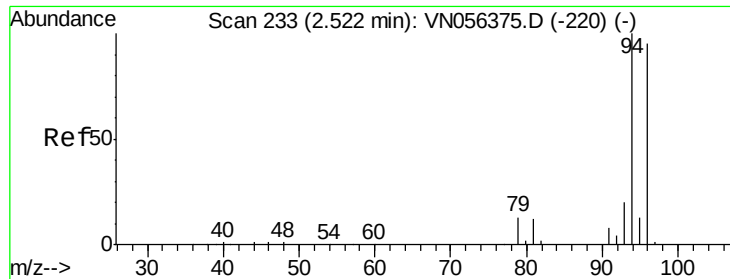
Tot Ion: 50 Resp: 70834
Ion Ratio Lower Upper
50 100
52 32.5 26.5 39.7



#4
Vinyl Chloride
Concen: 18.686 ug/l
RT: 2.18 min Scan# 127
Delta R.T. 0.00 min
Lab File: VN056499.D
Acq: 26 Jun 2019 12:27

Tgt Ion: 62 Resp: 71371
Ion Ratio Lower Upper
62 100
64 32.1 25.7 38.5

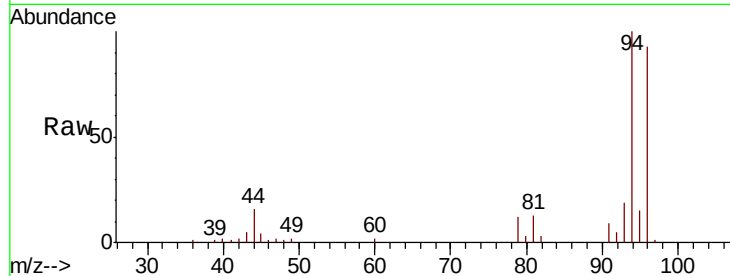




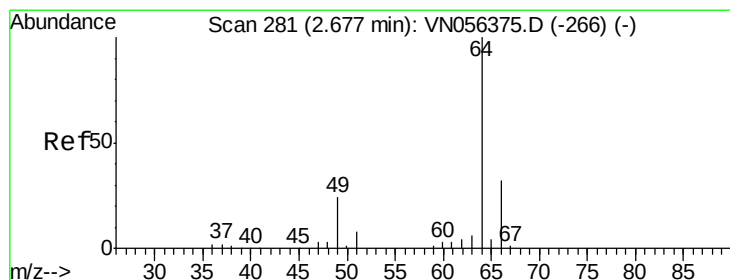
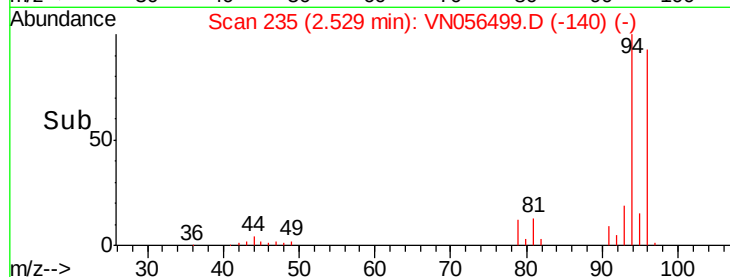
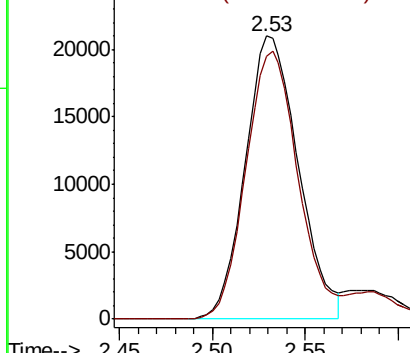
#5
Bromomethane
Concen: 18.586 ug/l
RT: 2.53 min Scan# 235
Delta R.T. 0.01 min
Lab File: VN056499.D
Acq: 26 Jun 2019 12:27

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 94 Resp: 41616
Ion Ratio Lower Upper
94 100
96 93.1 76.0 114.0

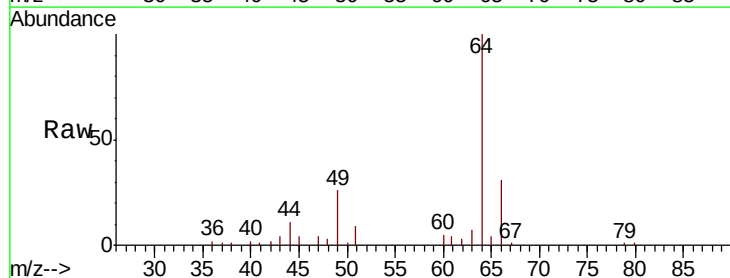


Abundance Ion 93.90 (93.60 to 94.60): VN0
Ion 95.90 (95.60 to 96.60): VN0

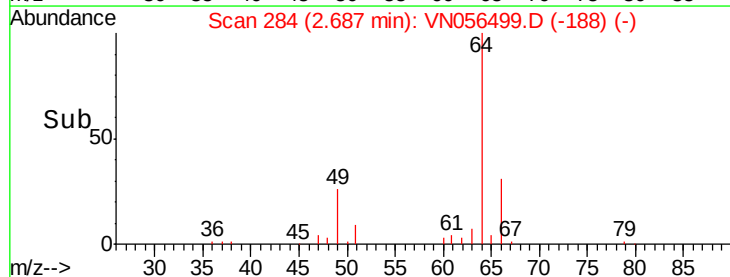
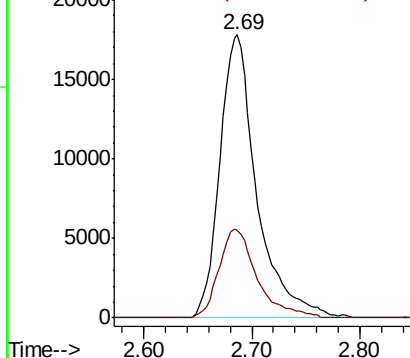


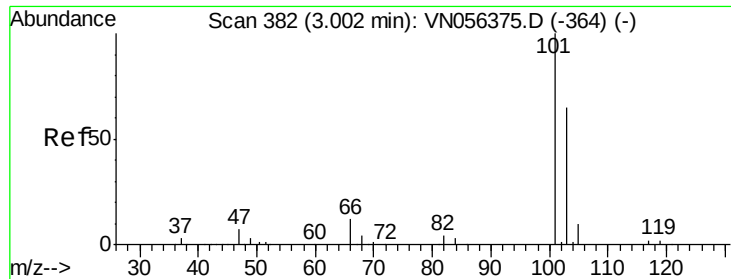
#6
Chloroethane
Concen: 19.156 ug/l
RT: 2.69 min Scan# 284
Delta R.T. 0.01 min
Lab File: VN056499.D
Acq: 26 Jun 2019 12:27

Tgt Ion: 64 Resp: 42370
Ion Ratio Lower Upper
64 100
66 30.8 25.8 38.8



Abundance Ion 63.90 (63.60 to 64.60): VN0
Ion 65.90 (65.60 to 66.60): VN0



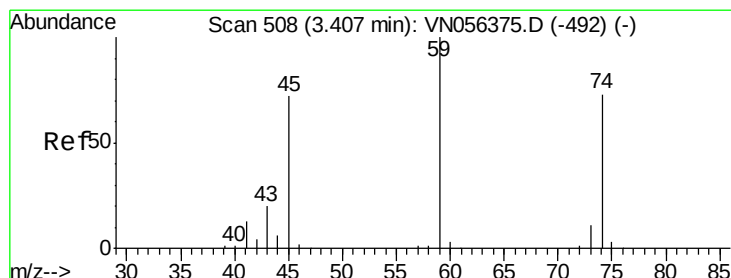
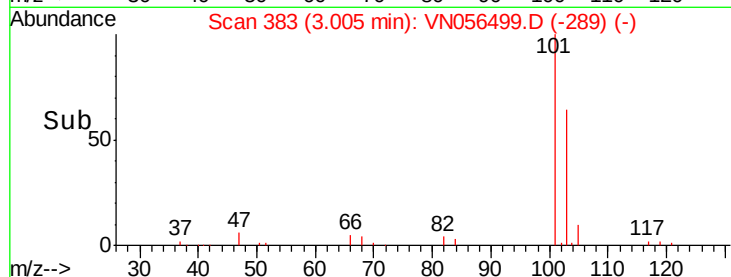
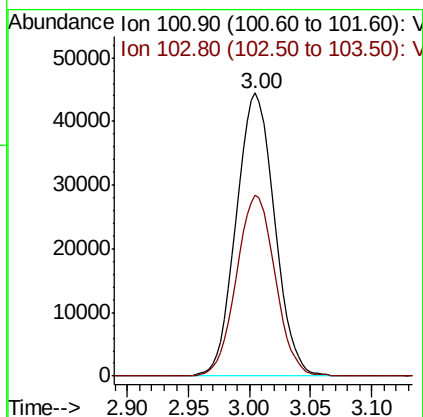
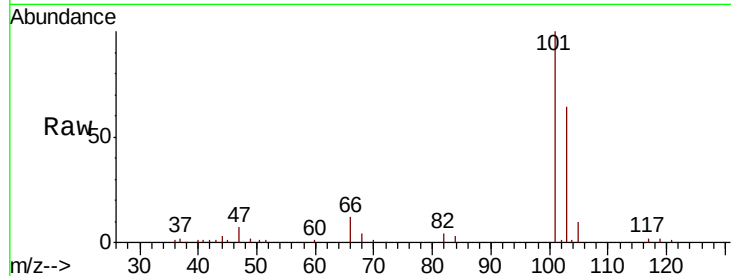


#7

Trichlorofluoromethane
 Concen: 19.621 ug/l
 RT: 3.00 min Scan# 383
 Delta R.T. 0.00 min
 Lab File: VN056499.D
 Acq: 26 Jun 2019 12:27

Instrument :
 MSVOA_N
 ClientSampled :

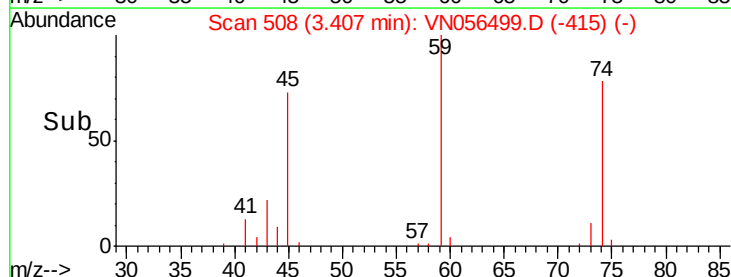
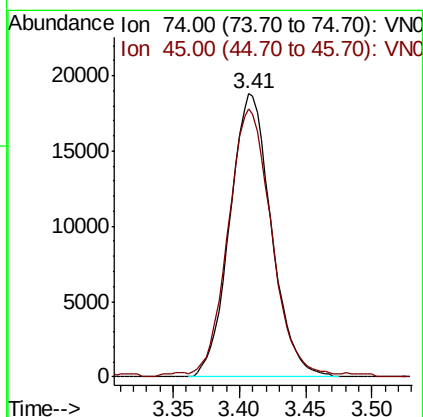
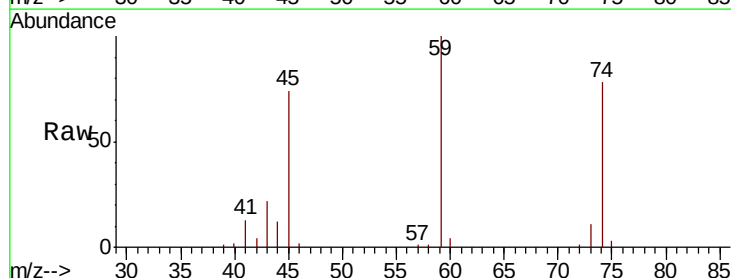
Tot Ion:101 Resp: 96940
 Ion Ratio Lower Upper
 101 100
 103 63.8 51.7 77.5

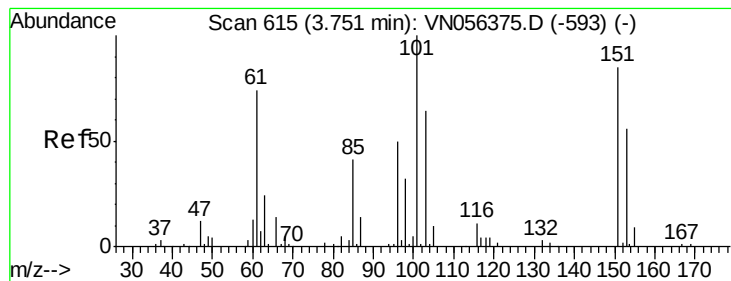


#8

Diethyl Ether
 Concen: 19.554 ug/l
 RT: 3.41 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: VN056499.D
 Acq: 26 Jun 2019 12:27

Tgt Ion: 74 Resp: 40886
 Ion Ratio Lower Upper
 74 100
 45 100.0 48.9 146.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.206 ug/l

RT: 3.75 min Scan# 615

Delta R.T. 0.00 min

Lab File: VN056499.D

Acq: 26 Jun 2019 12:27

Instrument :

MSVOA_N

ClientSampled :

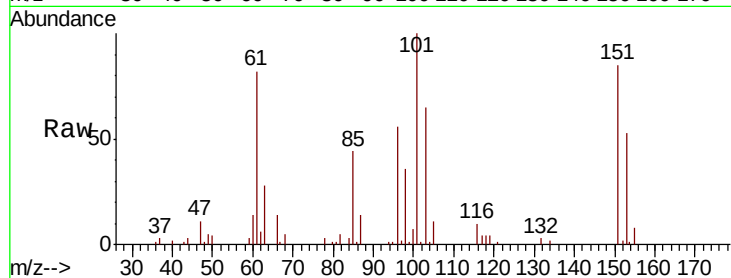
Tot Ion:101 Resp: 60514

Ion Ratio Lower Upper

101 100

85 41.9 32.7 49.1

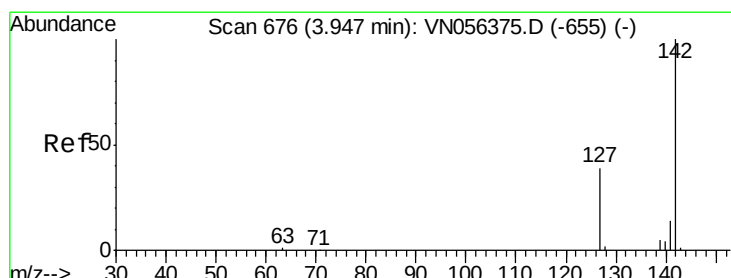
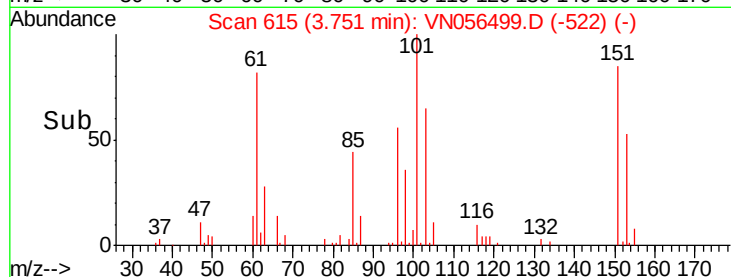
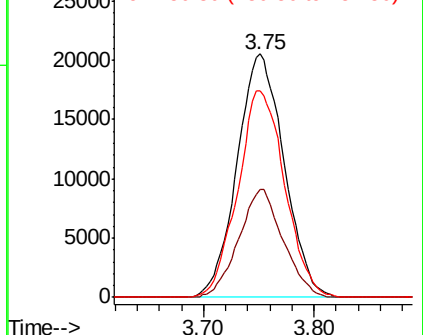
151 85.0 66.8 100.2



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: 18.405 ug/l

RT: 3.95 min Scan# 676

Delta R.T. 0.00 min

Lab File: VN056499.D

Acq: 26 Jun 2019 12:27

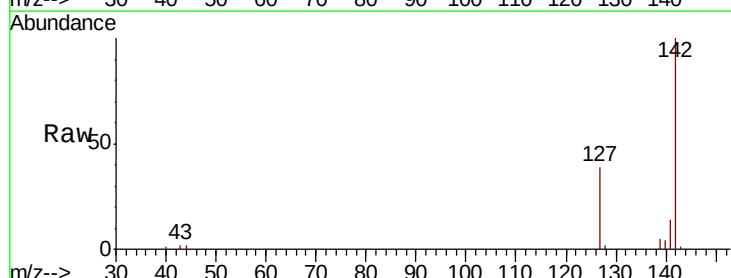
Tgt Ion:142 Resp: 78376

Ion Ratio Lower Upper

142 100

127 37.8 30.6 46.0

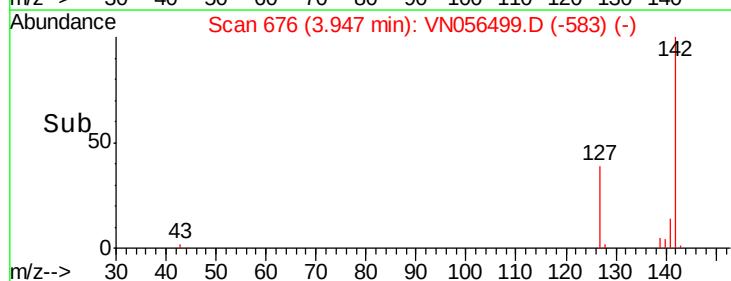
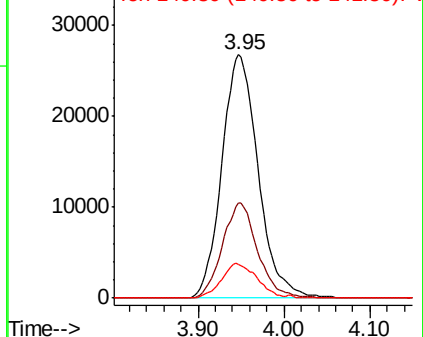
141 13.9 11.4 17.2

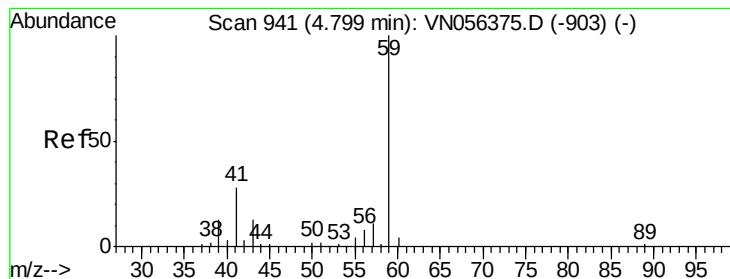


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



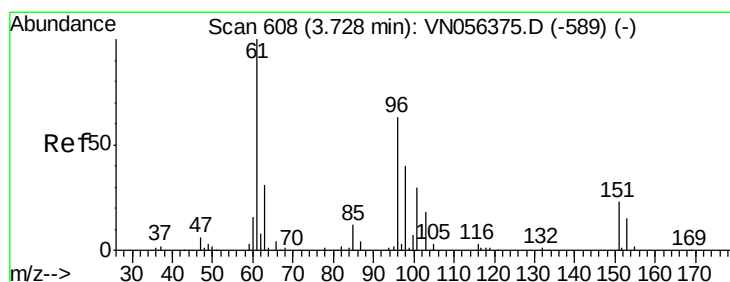
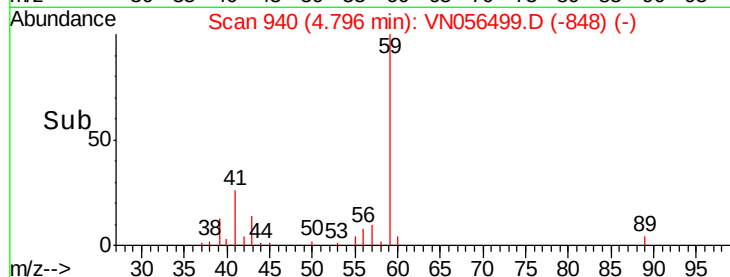
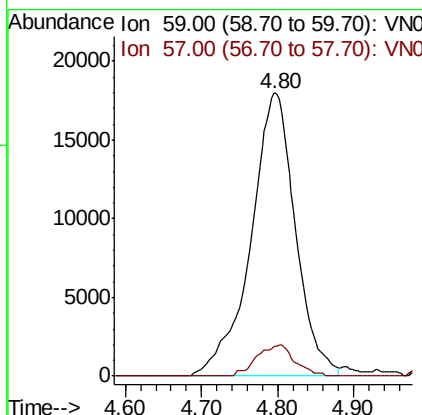
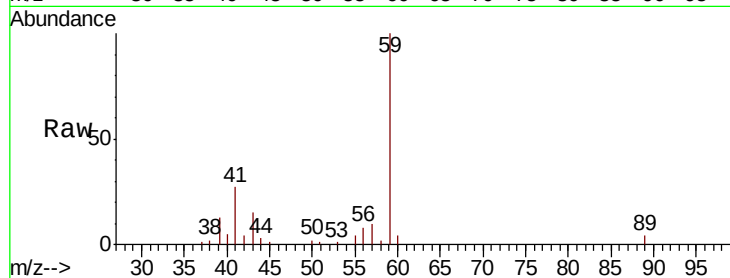


#11

Tert butyl alcohol
 Concen: 114.453 ug/l
 RT: 4.80 min Scan# 940
 Delta R.T. -0.00 min
 Lab File: VN056499.D
 Acq: 26 Jun 2019 12:27

Instrument :
 MSVOA_N
 ClientSampled :

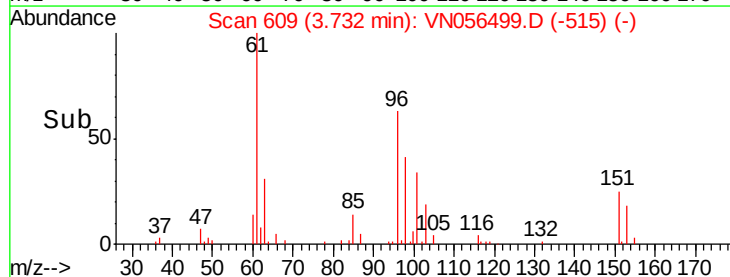
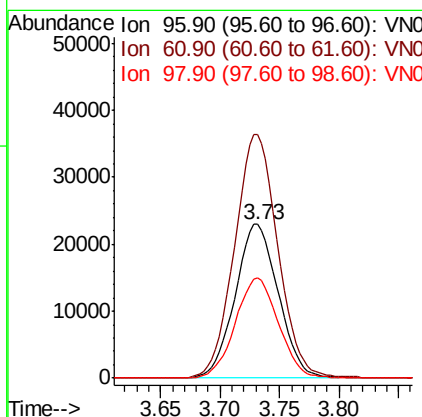
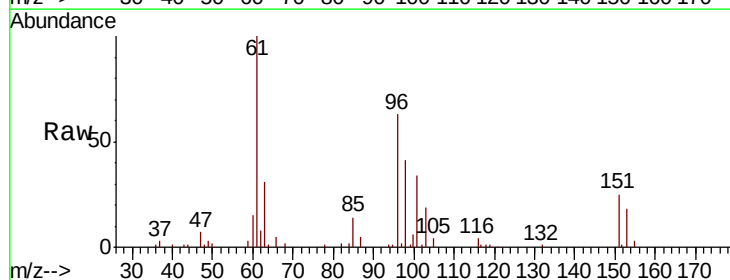
Tot Ion: 59 Resp: 73279
 Ion Ratio Lower Upper
 59 100
 57 9.4 7.6 11.4

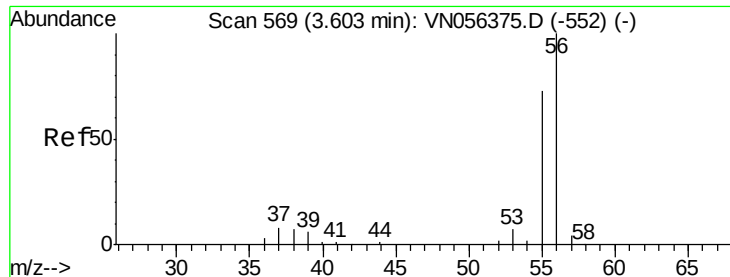


#12

1,1-Dichloroethene
 Concen: 19.061 ug/l
 RT: 3.73 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: VN056499.D
 Acq: 26 Jun 2019 12:27

Tgt Ion: 96 Resp: 57752
 Ion Ratio Lower Upper
 96 100
 61 158.3 126.6 190.0
 98 65.4 51.1 76.7





#13

Acrolein

Concen: 59.505 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.01 min

Lab File: VN056499.D

Acq: 26 Jun 2019 12:27

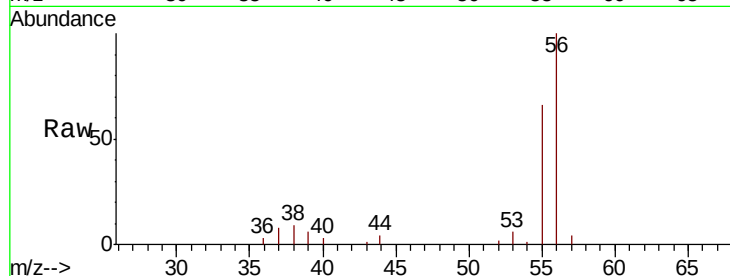
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 32110

Ion Ratio Lower Upper

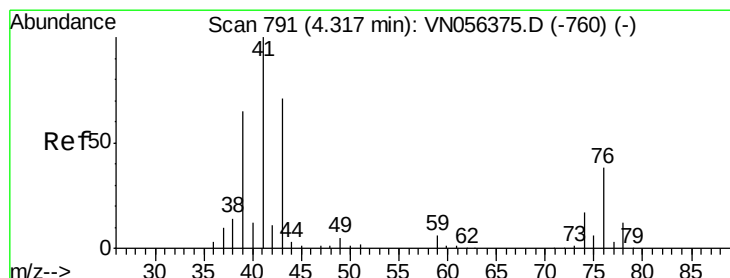
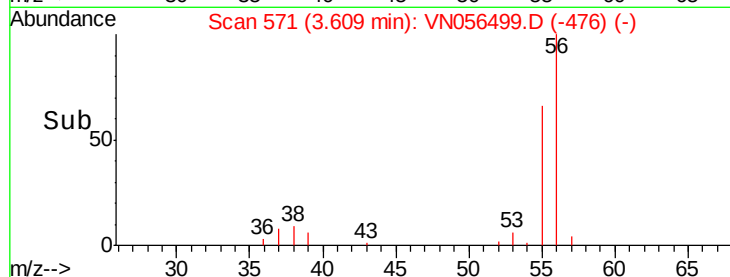
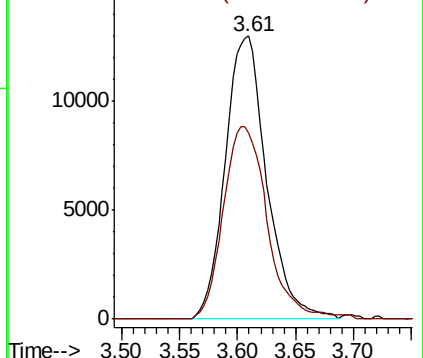
56 100

55 72.0 57.1 85.7



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 19.729 ug/l

RT: 4.32 min Scan# 792

Delta R.T. 0.00 min

Lab File: VN056499.D

Acq: 26 Jun 2019 12:27

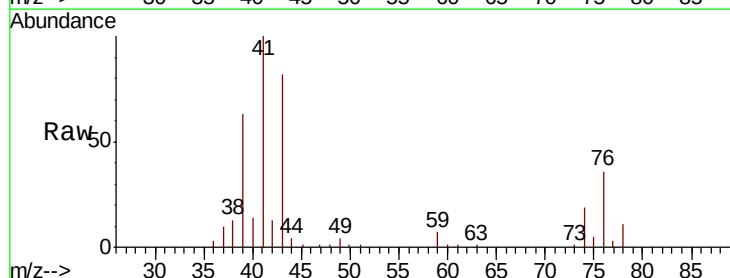
Tgt Ion: 41 Resp: 99508

Ion Ratio Lower Upper

41 100

39 60.1 48.6 73.0

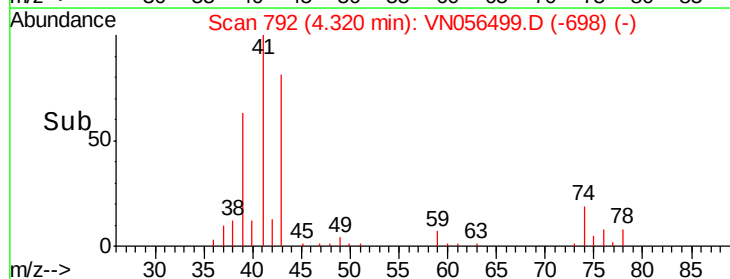
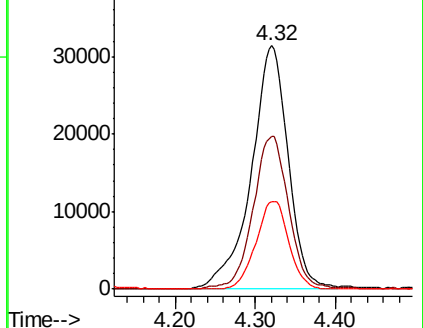
76 32.0 26.6 40.0

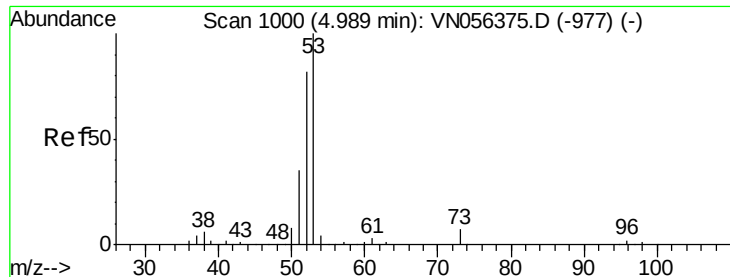


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 102.685 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN056499.D

Acq: 26 Jun 2019 12:27

Instrument :

MSVOA_N

ClientSampleId :

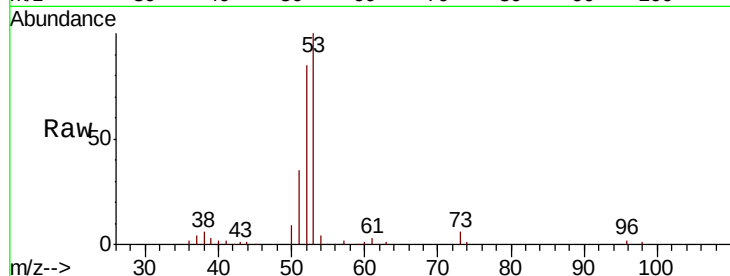
Tot Ion: 53 Resp: 181882

Ion Ratio Lower Upper

53 100

52 82.8 65.9 98.9

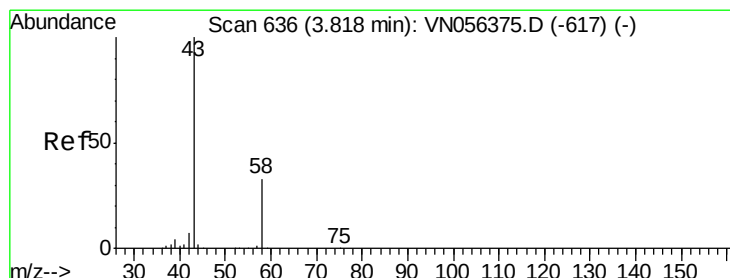
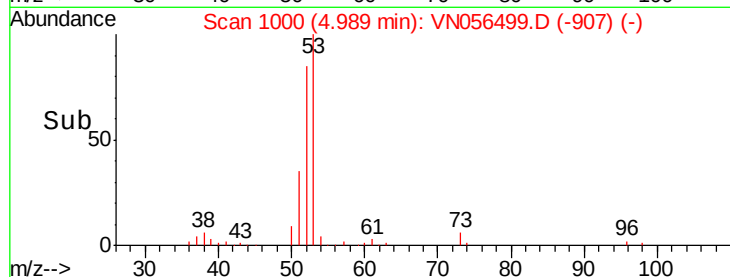
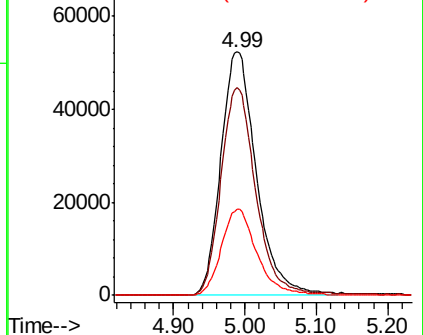
51 35.5 28.3 42.5



Abundance Ion 53.00 (52.70 to 53.70): VN056375.D (-977) (-)

Ion 52.00 (51.70 to 52.70): VN056375.D (-977) (-)

Ion 51.00 (50.70 to 51.70): VN056375.D (-977) (-)



#16

Acetone

Concen: 88.681 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN056499.D

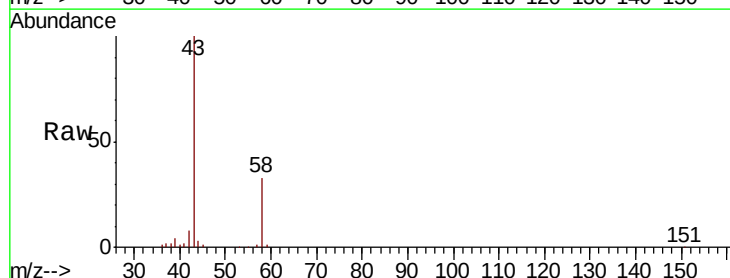
Acq: 26 Jun 2019 12:27

Tgt Ion: 43 Resp: 168897

Ion Ratio Lower Upper

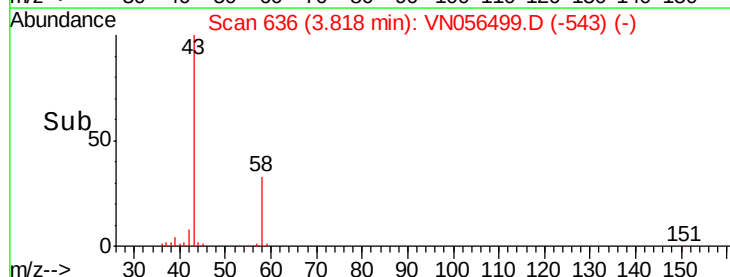
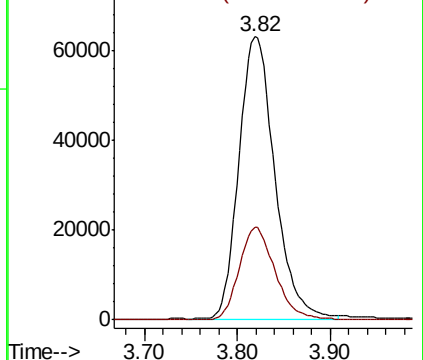
43 100

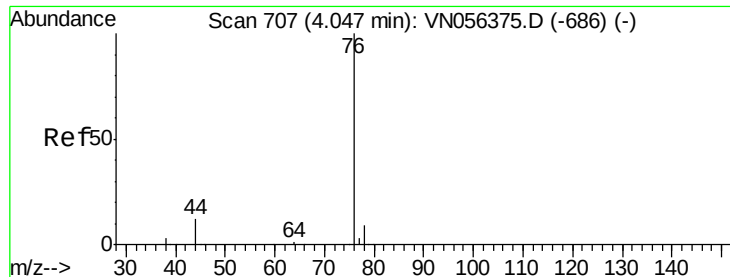
58 32.6 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VN056375.D (-617) (-)

Ion 58.00 (57.70 to 58.70): VN056375.D (-617) (-)





#17

Carbon Disulfide

Concen: 15.936 ug/l

RT: 4.05 min Scan# 707

Delta R.T. 0.00 min

Lab File: VN056499.D

Acq: 26 Jun 2019 12:27

Instrument :

MSVOA_N

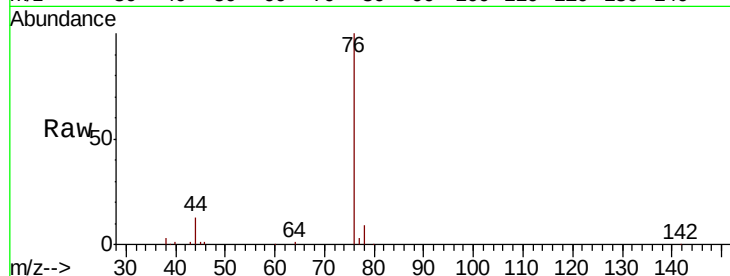
ClientSampleId :

Tot Ion: 76 Resp: 109825

Ion Ratio Lower Upper

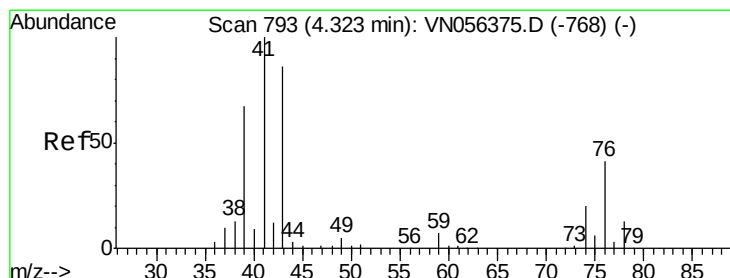
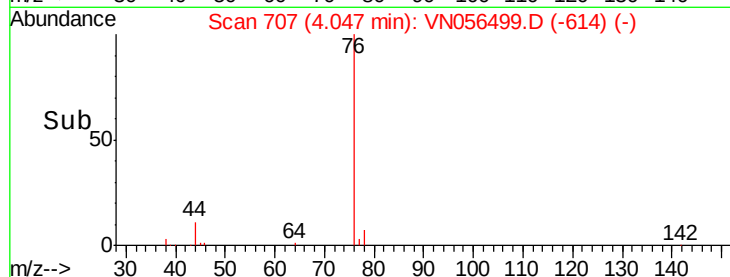
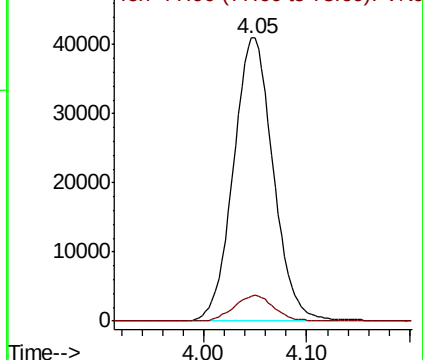
76 100

78 8.6 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 21.558 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN056499.D

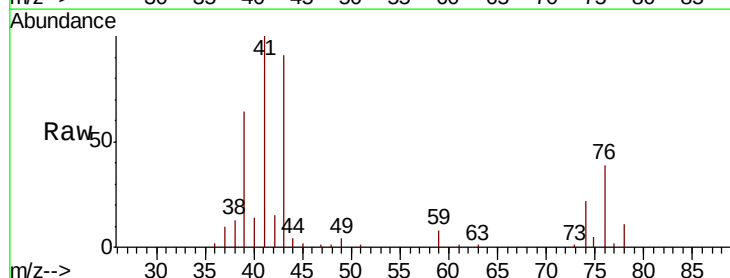
Acq: 26 Jun 2019 12:27

Tgt Ion: 43 Resp: 82258

Ion Ratio Lower Upper

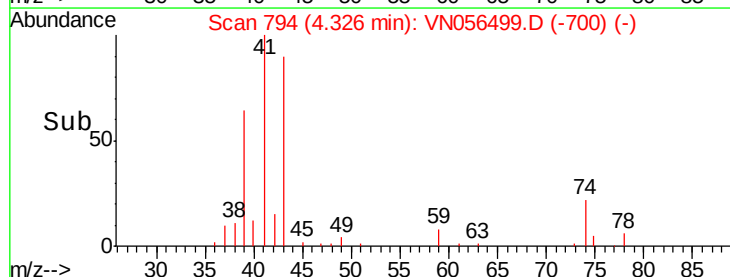
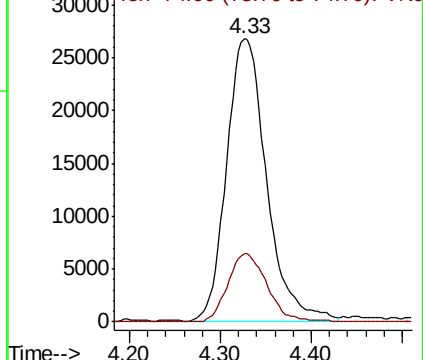
43 100

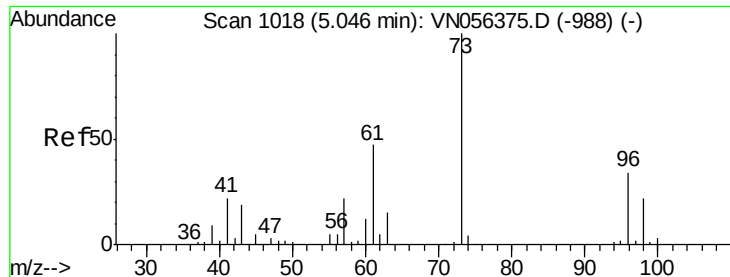
74 23.5 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0



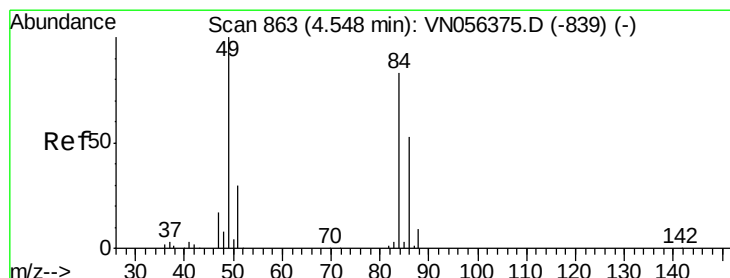
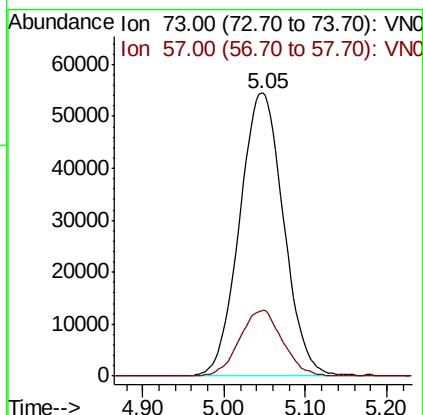
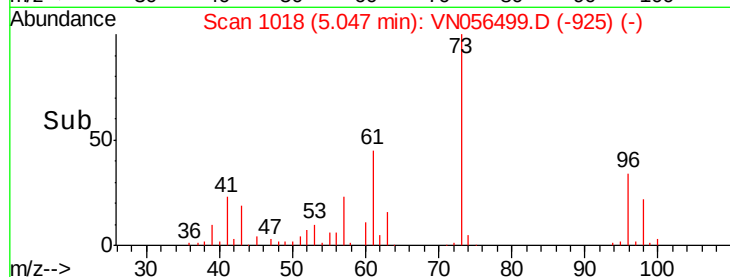
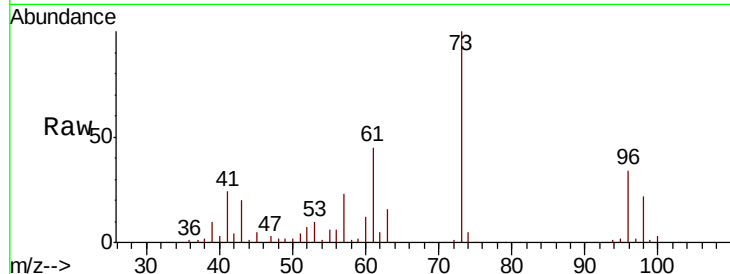


#19

Methyl tert-butyl Ether
 Concen: 20.334 ug/l
 RT: 5.05 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VN056499.D
 Acq: 26 Jun 2019 12:27

Instrument :
 MSVOA_N
 ClientSampled :

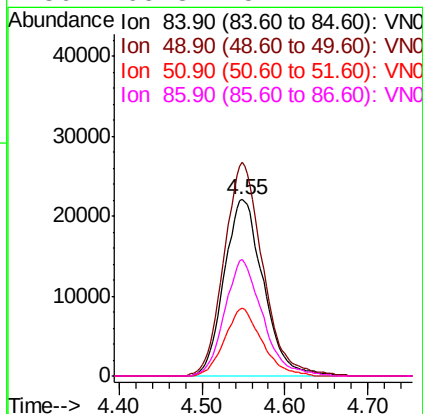
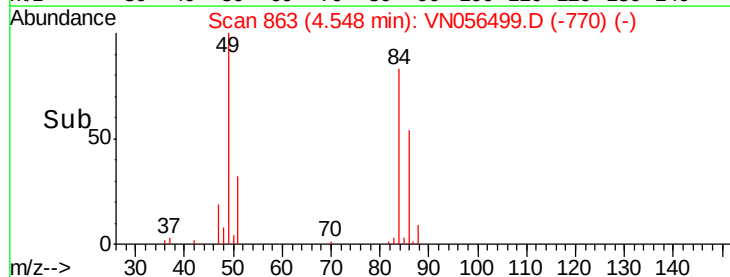
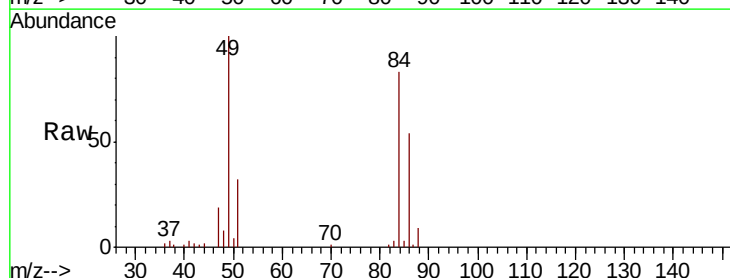
Tot Ion: 73 Resp: 203867
 Ion Ratio Lower Upper
 73 100
 57 23.3 17.9 26.9

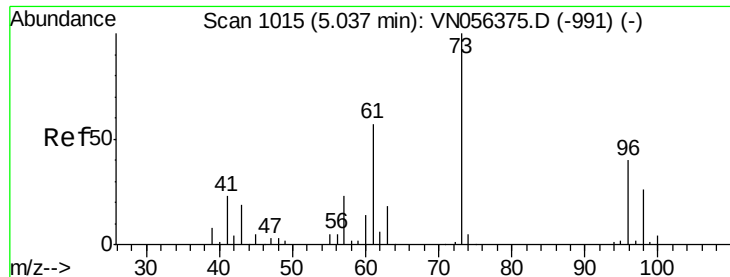


#20

Methylene Chloride
 Concen: 19.672 ug/l
 RT: 4.55 min Scan# 863
 Delta R.T. 0.00 min
 Lab File: VN056499.D
 Acq: 26 Jun 2019 12:27

Tgt Ion: 84 Resp: 72567
 Ion Ratio Lower Upper
 84 100
 49 120.3 96.4 144.6
 51 38.6 28.6 43.0
 86 65.8 51.4 77.2

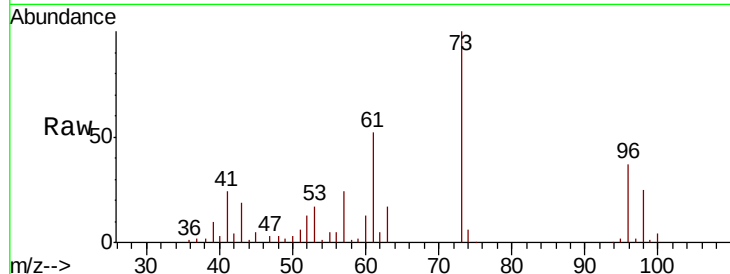




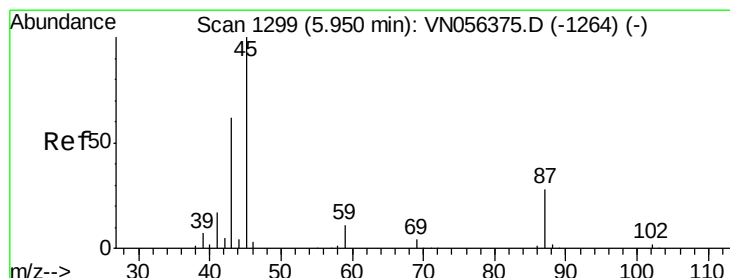
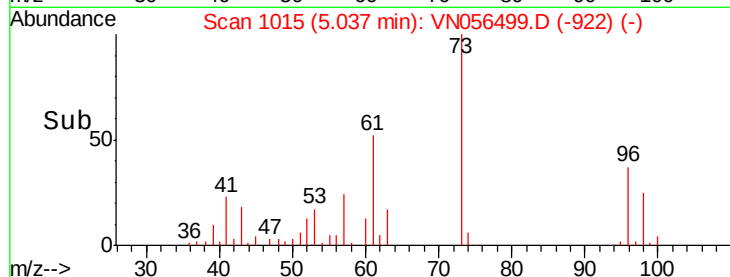
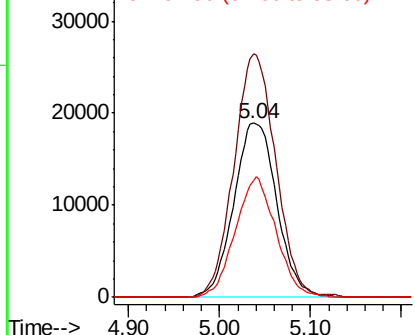
#21
trans-1,2-Dichloroethene
Concen: 19.054 ug/l
RT: 5.04 min Scan# 1015
Delta R.T. 0.00 min
Lab File: VN056499.D
Acq: 26 Jun 2019 12:27

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 96 Resp: 62242
Ion Ratio Lower Upper
96 100
61 139.8 113.0 169.6
98 67.3 52.2 78.2

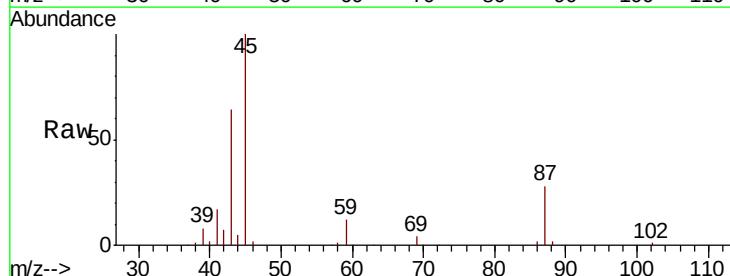


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

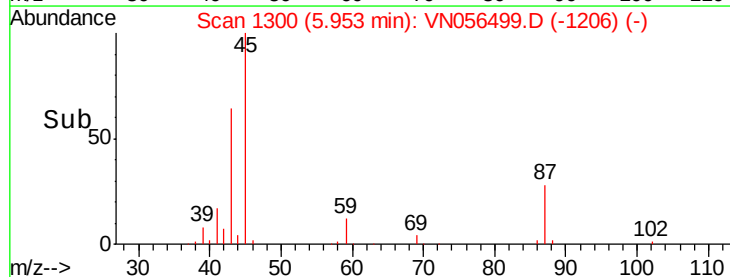
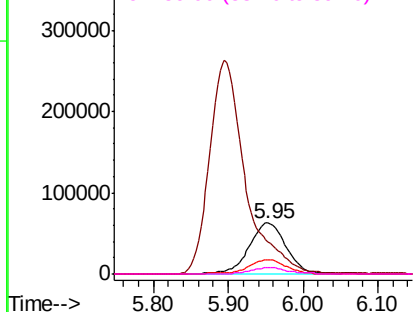


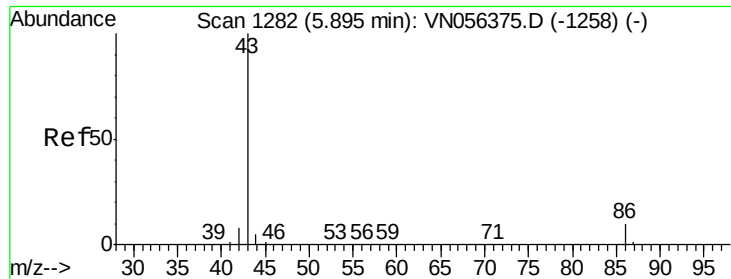
#22
Diisopropyl ether
Concen: 20.411 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: VN056499.D
Acq: 26 Jun 2019 12:27

Tgt Ion: 45 Resp: 216201
Ion Ratio Lower Upper
45 100
43 60.9 50.4 75.6
87 27.7 23.0 34.4
59 11.6 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: 105.330 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VN056499.D

Acq: 26 Jun 2019 12:27

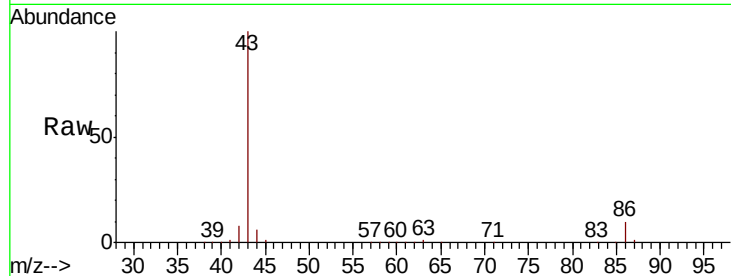
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 879989

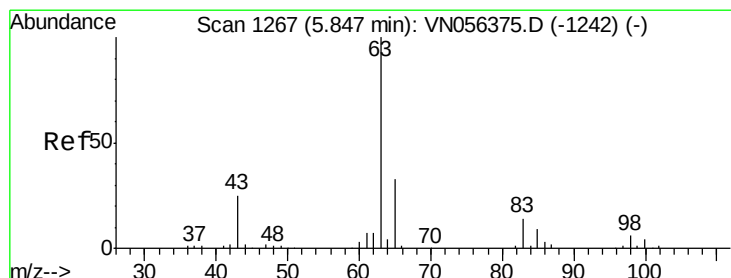
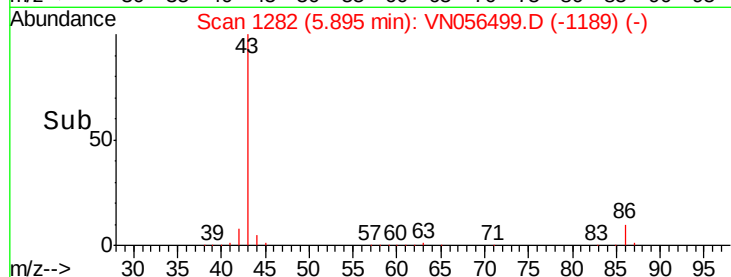
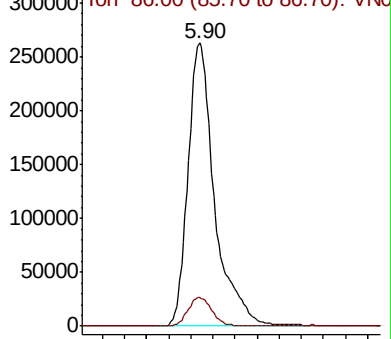
Ion Ratio Lower Upper

43 100

86 10.0 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VN056499.D (-1189) (-)



#24

1,1-Dichloroethane

Concen: 20.031 ug/l

RT: 5.85 min Scan# 1267

Delta R.T. 0.00 min

Lab File: VN056499.D

Acq: 26 Jun 2019 12:27

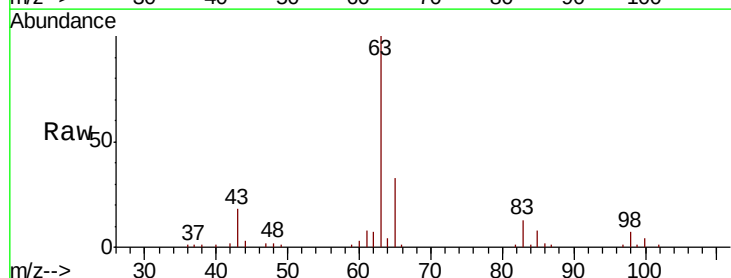
Tgt Ion: 63 Resp: 121796

Ion Ratio Lower Upper

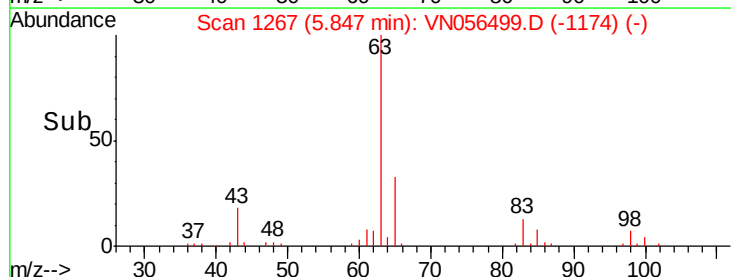
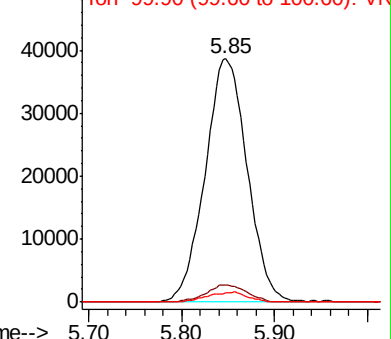
63 100

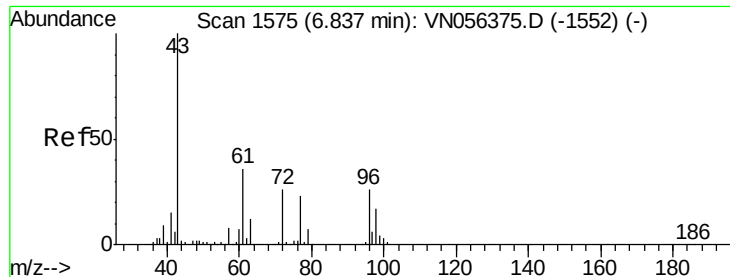
98 7.0 3.2 9.6

100 3.6 2.1 6.5



Abundance Ion 62.90 (62.60 to 63.60): VN056499.D (-1174) (-)

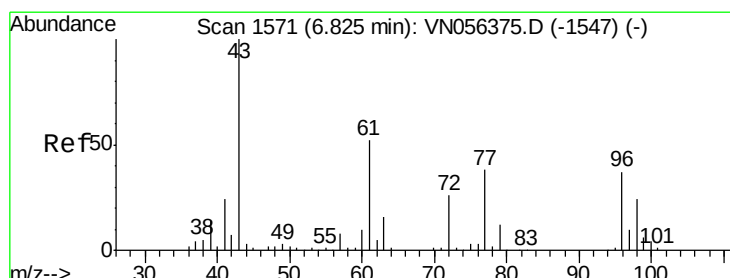
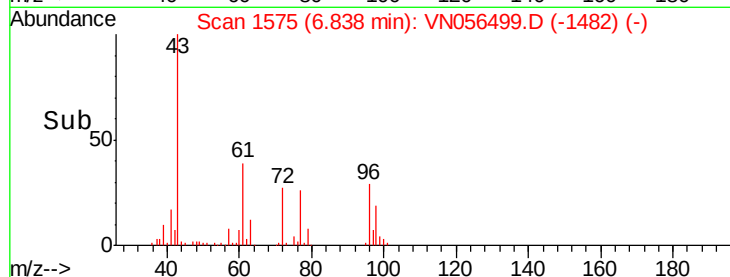
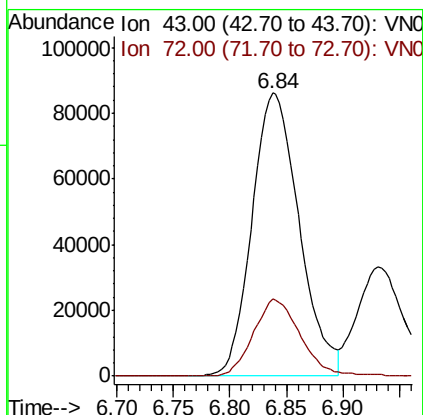
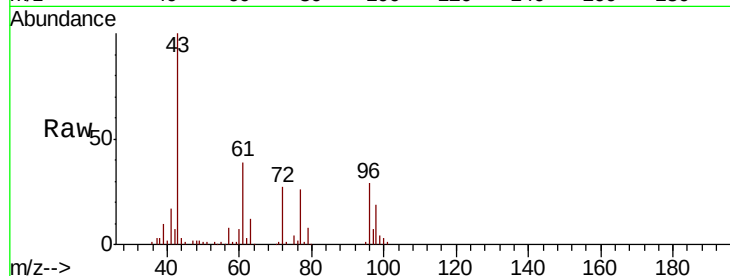




#25
2-Butanone
Concen: 99.151 ug/l
RT: 6.84 min Scan# 1575
Delta R.T. 0.00 min
Lab File: VN056499.D
Acq: 26 Jun 2019 12:27

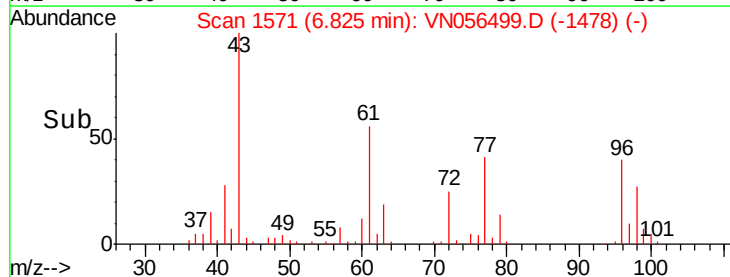
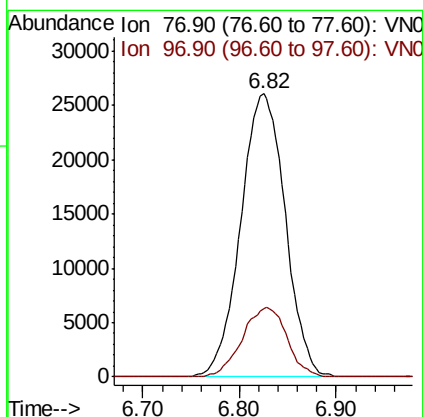
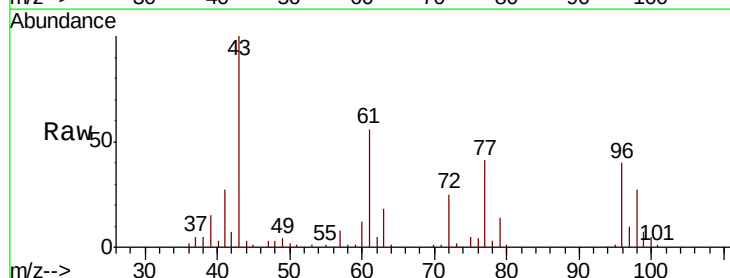
Instrument :
MSVOA_N
ClientSampled :

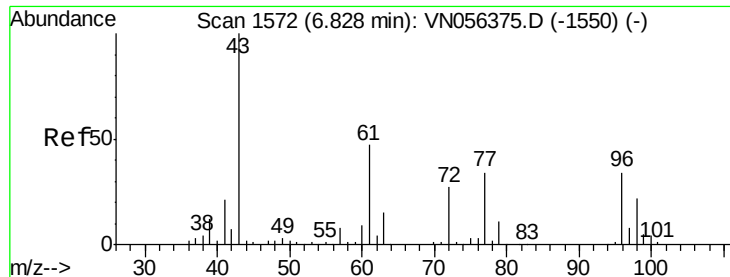
Tot Ion: 43 Resp: 249928
Ion Ratio Lower Upper
43 100
72 27.3 20.6 31.0



#26
2,2-Dichloropropane
Concen: 19.718 ug/l
RT: 6.82 min Scan# 1571
Delta R.T. 0.00 min
Lab File: VN056499.D
Acq: 26 Jun 2019 12:27

Tgt Ion: 77 Resp: 83388
Ion Ratio Lower Upper
77 100
97 24.6 11.9 35.5



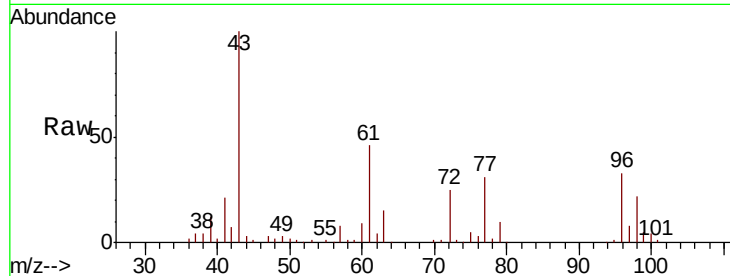


#27

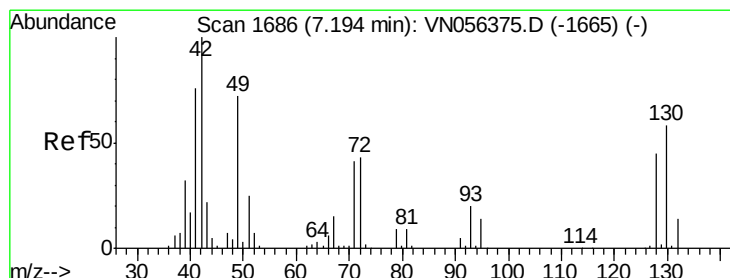
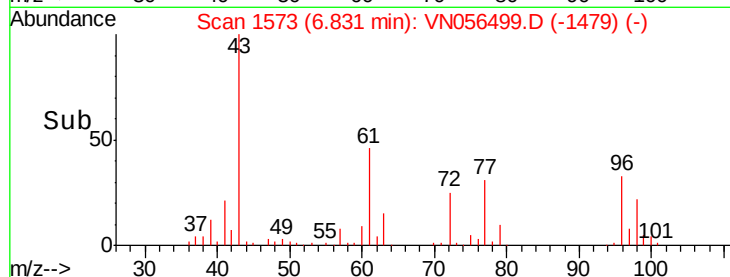
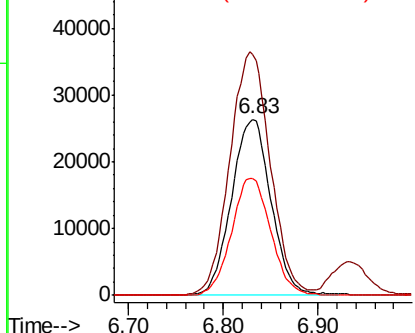
cis-1,2-Dichloroethene
Concen: 20.095 ug/l
RT: 6.83 min Scan# 1573
Delta R.T. 0.00 min
Lab File: VN056499.D
Acq: 26 Jun 2019 12:27

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 96 Resp: 76799
Ion Ratio Lower Upper
96 100
61 141.5 0.0 279.8
98 65.7 0.0 130.0



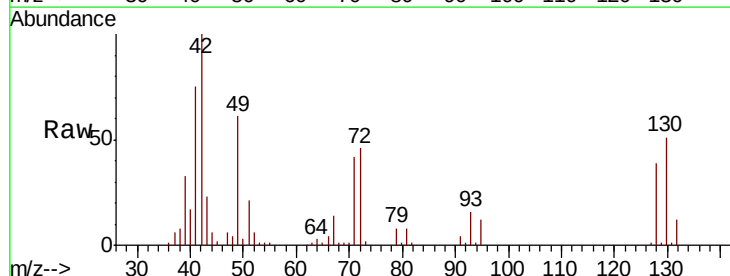
Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



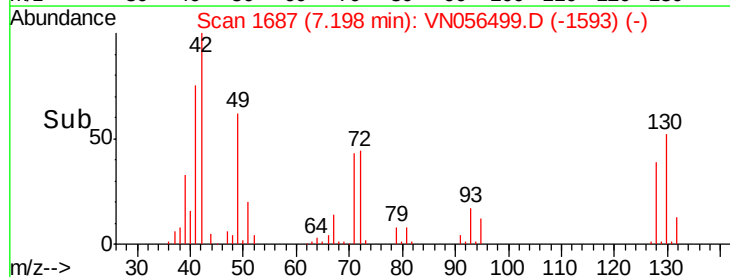
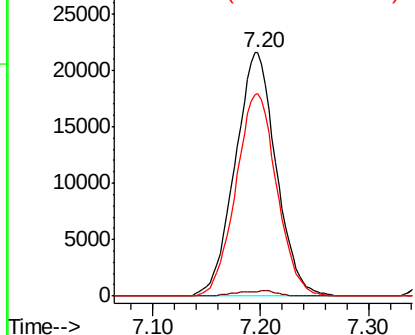
#28

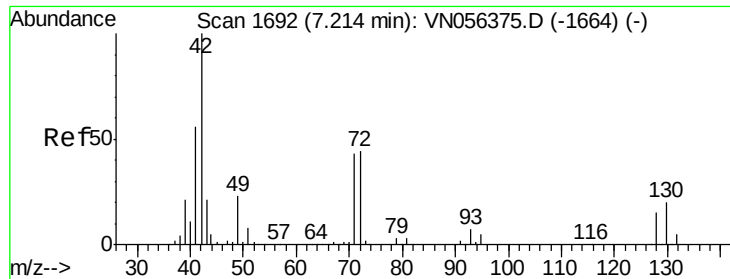
Bromochloromethane
Concen: 18.936 ug/l
RT: 7.20 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VN056499.D
Acq: 26 Jun 2019 12:27

Tgt Ion: 49 Resp: 56952
Ion Ratio Lower Upper
49 100
129 1.1 0.0 4.2
130 82.8 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

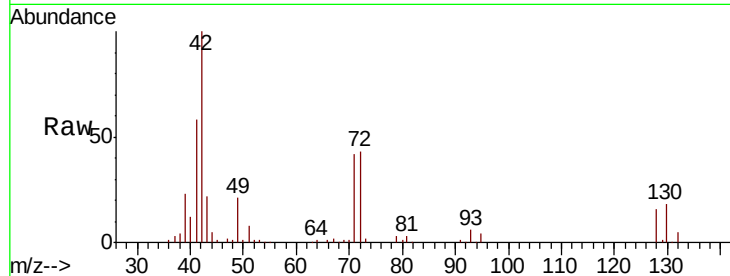




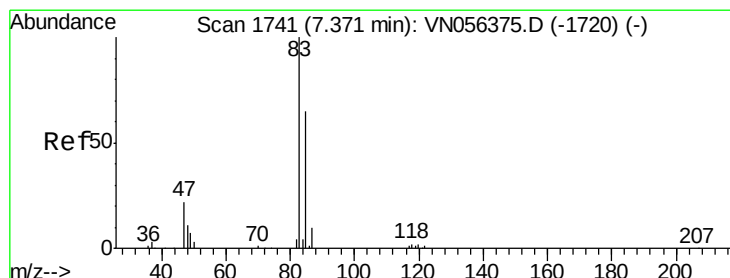
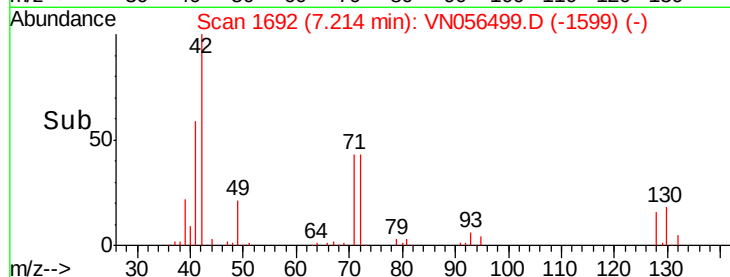
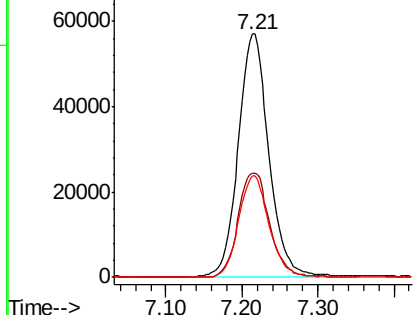
#29
Tetrahydrofuran
Concen: 104.184 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VN056499.D
Acq: 26 Jun 2019 12:27

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 42 Resp: 160485
Ion Ratio Lower Upper
42 100
72 43.8 34.7 52.1
71 41.2 33.0 49.6

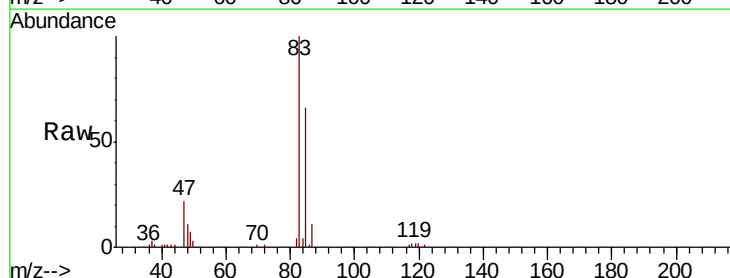


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

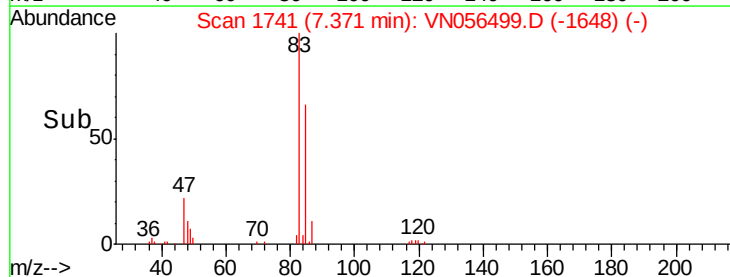
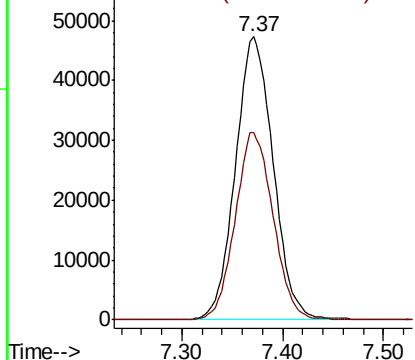


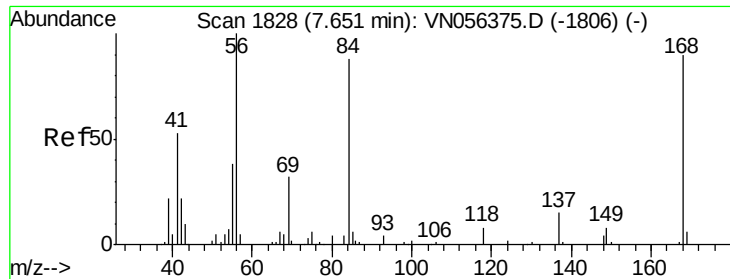
#30
Chloroform
Concen: 20.456 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN056499.D
Acq: 26 Jun 2019 12:27

Tgt Ion: 83 Resp: 122731
Ion Ratio Lower Upper
83 100
85 66.2 52.3 78.5



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

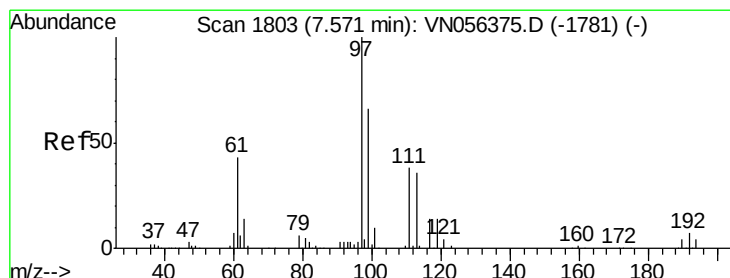
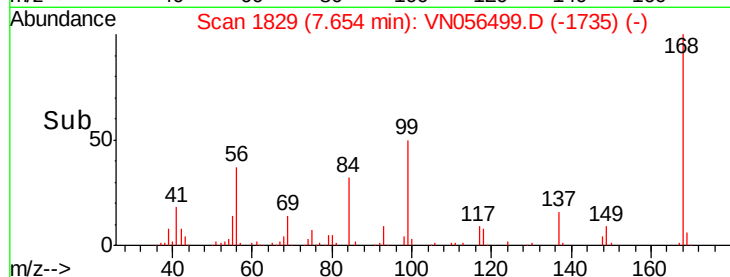
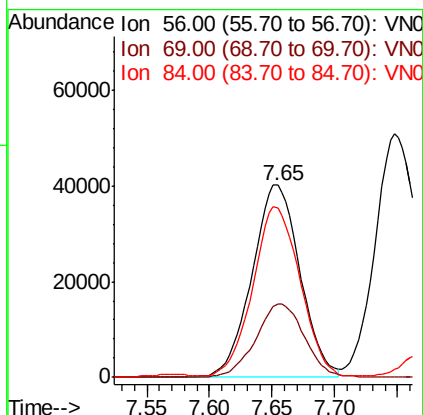
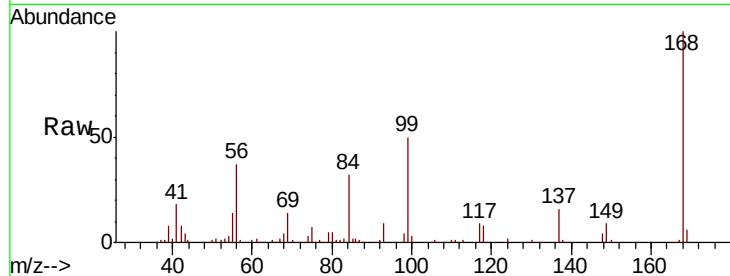




#31
Cyclohexane
Concen: 18.235 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. 0.00 min
Lab File: VN056499.D
Acq: 26 Jun 2019 12:27

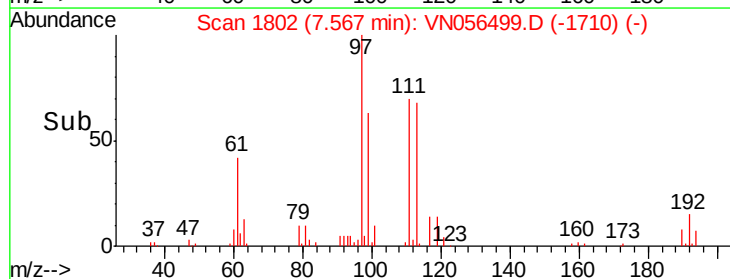
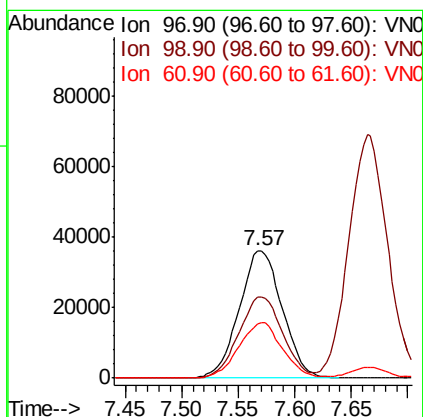
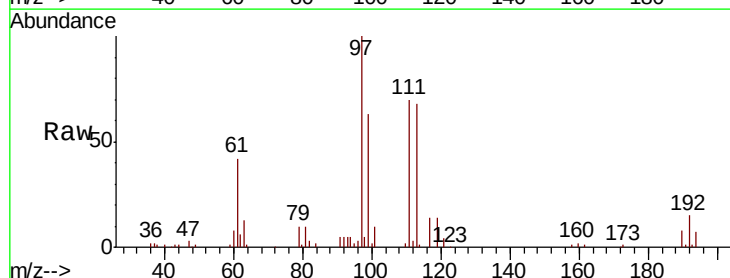
Instrument :
MSVOA_N
ClientSampled :

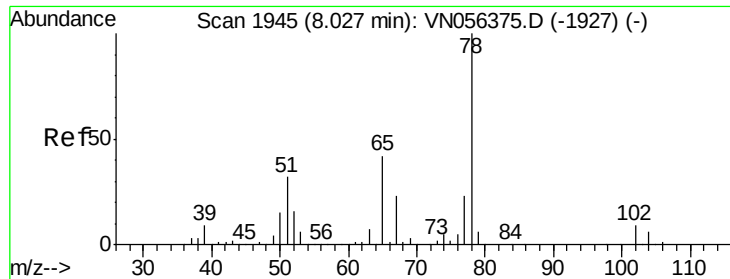
Tot Ion: 56 Resp: 107041
Ion Ratio Lower Upper
56 100
69 38.3 25.8 38.6
84 86.8 69.4 104.0



#32
1,1,1-Trichloroethane
Concen: 20.092 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. -0.00 min
Lab File: VN056499.D
Acq: 26 Jun 2019 12:27

Tgt Ion: 97 Resp: 95556
Ion Ratio Lower Upper
97 100
99 65.2 51.8 77.6
61 44.2 33.9 50.9

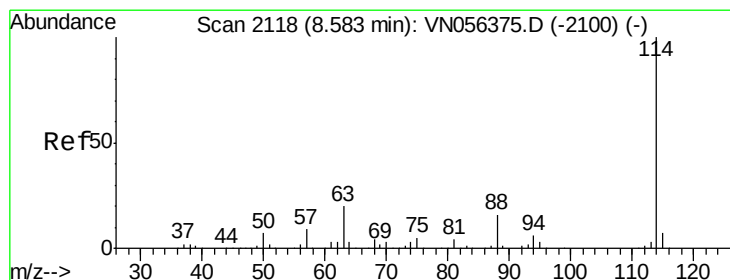
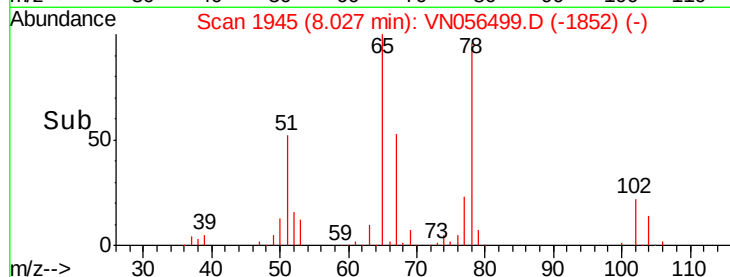
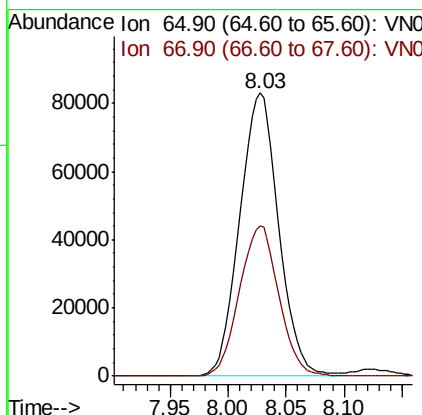
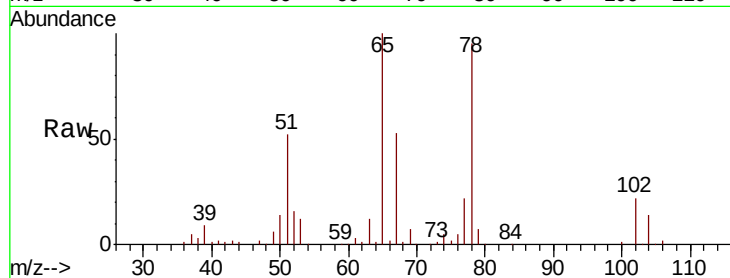




#33
 1,2-Dichloroethane-d4
 Concen: 51.062 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN056499.D
 Acq: 26 Jun 2019 12:27

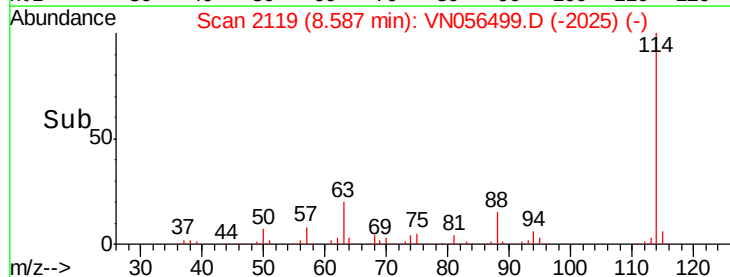
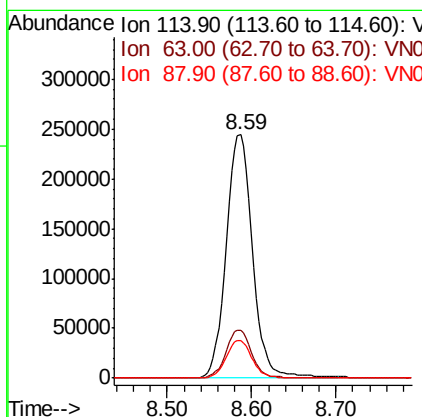
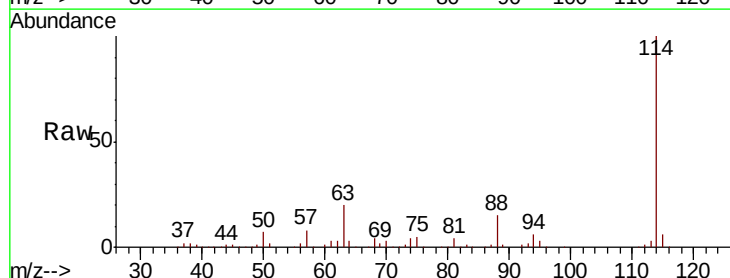
Instrument :
 MSVOA_N
 ClientSampled :

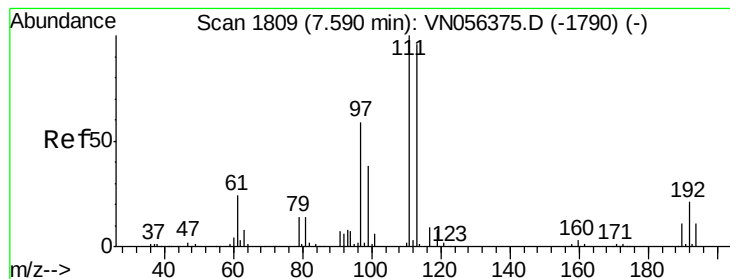
Tot Ion: 65 Resp: 194106
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056499.D
 Acq: 26 Jun 2019 12:27

Tgt Ion: 114 Resp: 531490
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.2
 88 15.4 0.0 31.4





#35

Dibromofluoromethane

Concen: 50.465 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN056499.D

Acq: 26 Jun 2019 12:27

Instrument :

MSVOA_N

ClientSampleId :

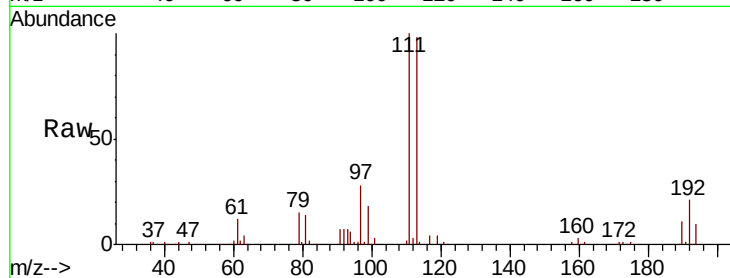
Tot Ion:113 Resp: 167322

Ion Ratio Lower Upper

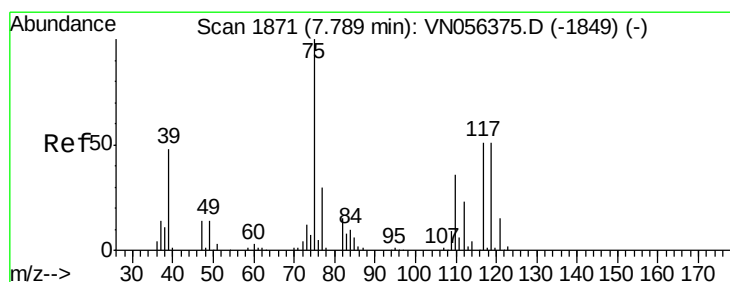
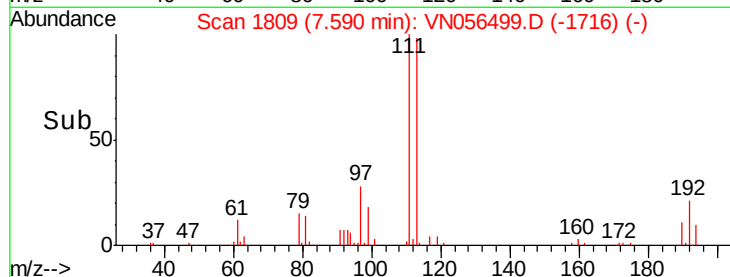
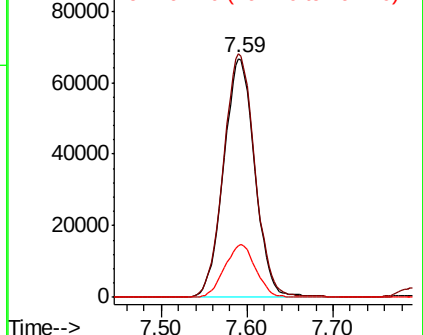
113 100

111 103.1 82.9 124.3

192 21.9 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: 18.127 ug/l

RT: 7.79 min Scan# 1872

Delta R.T. 0.00 min

Lab File: VN056499.D

Acq: 26 Jun 2019 12:27

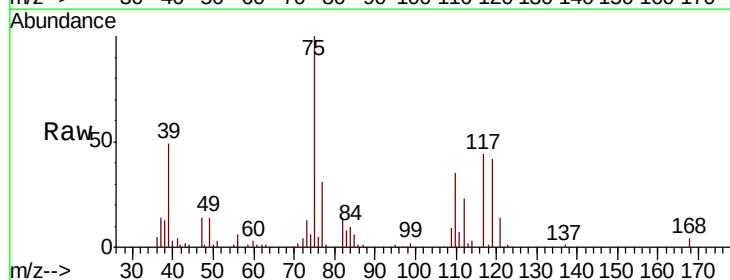
Tgt Ion: 75 Resp: 84798

Ion Ratio Lower Upper

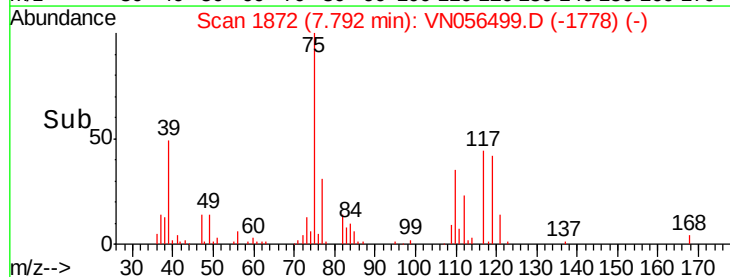
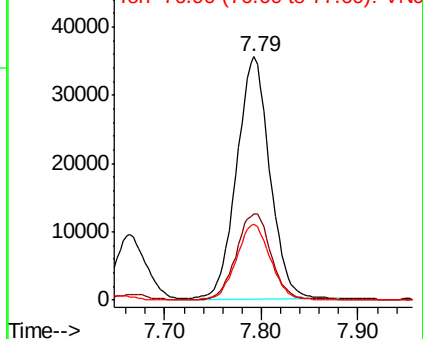
75 100

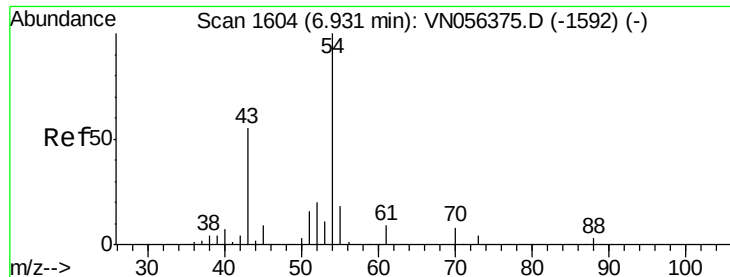
110 37.2 18.1 54.3

77 32.2 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

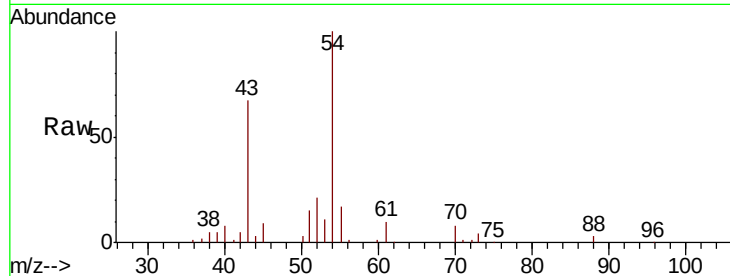




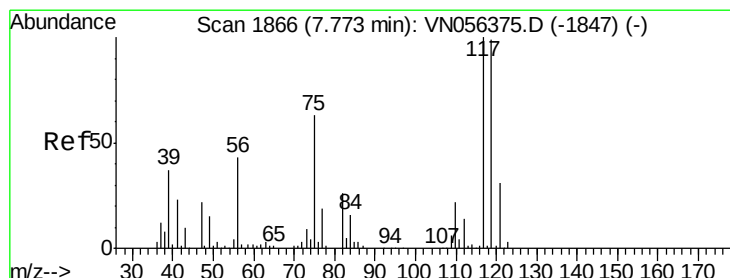
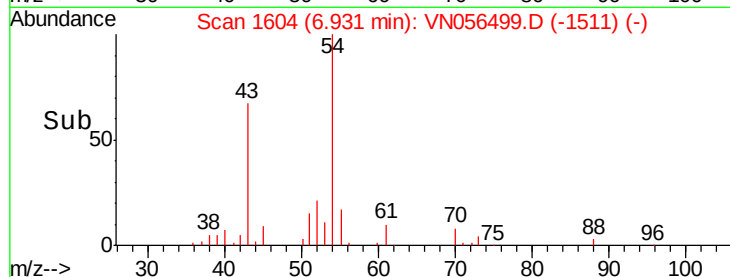
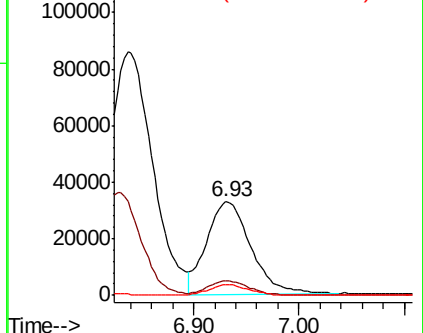
#37
Ethyl Acetate
Concen: 20.647 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VN056499.D
Acq: 26 Jun 2019 12:27

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 94922
Ion Ratio Lower Upper
43 100
61 13.7 11.1 16.7
70 10.7 8.3 12.5

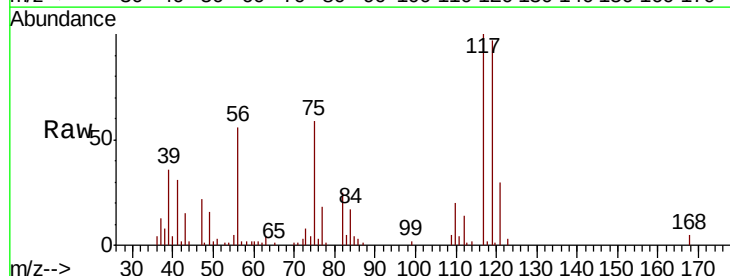


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

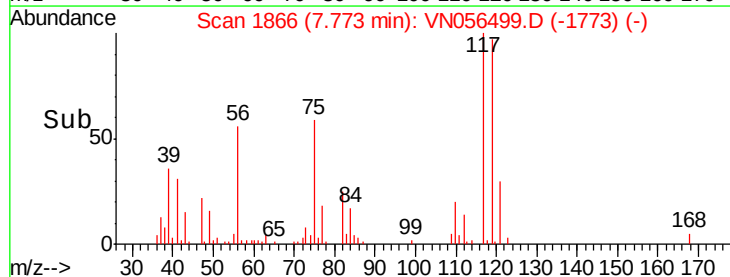
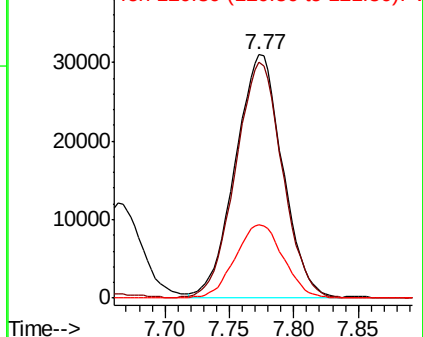


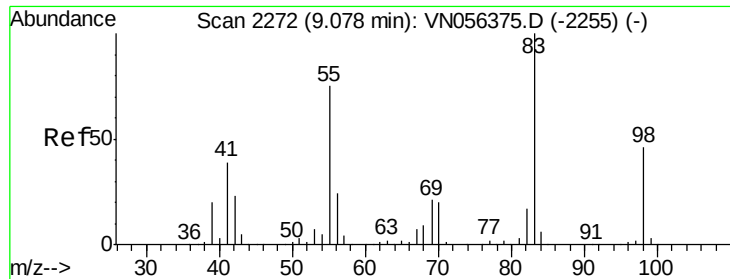
#38
Carbon Tetrachloride
Concen: 19.359 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VN056499.D
Acq: 26 Jun 2019 12:27

Tgt Ion: 117 Resp: 79197
Ion Ratio Lower Upper
117 100
119 96.1 79.1 118.7
121 30.0 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

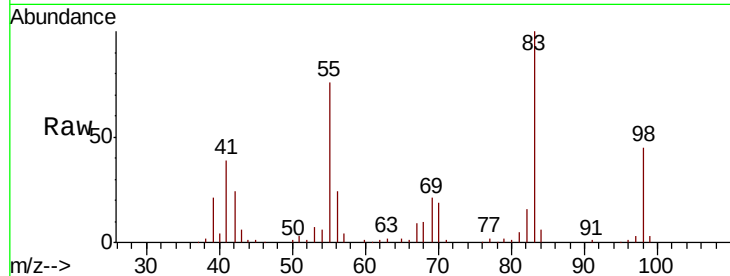




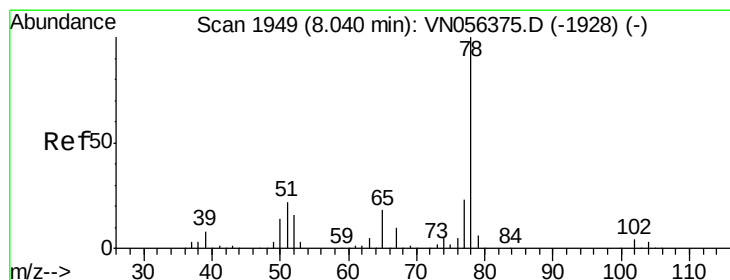
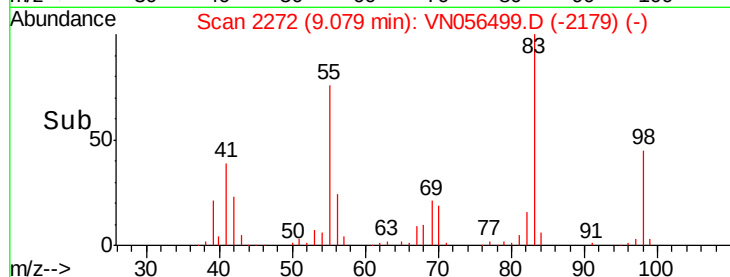
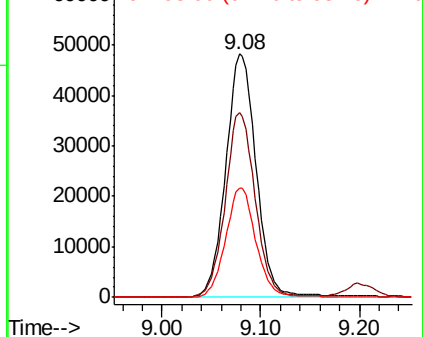
#39
Methylvlcyclohexane
Concen: 18.022 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN056499.D
Acq: 26 Jun 2019 12:27

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 83 Resp: 104028
Ion Ratio Lower Upper
83 100
55 76.0 60.0 90.0
98 45.0 36.6 54.8

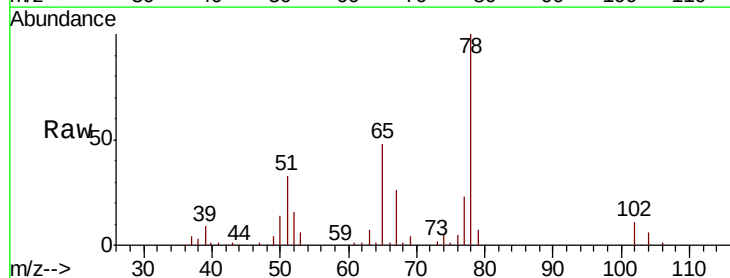


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

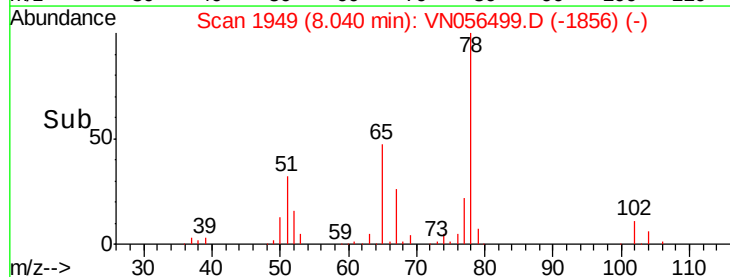
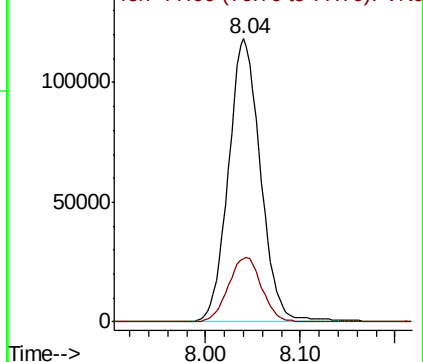


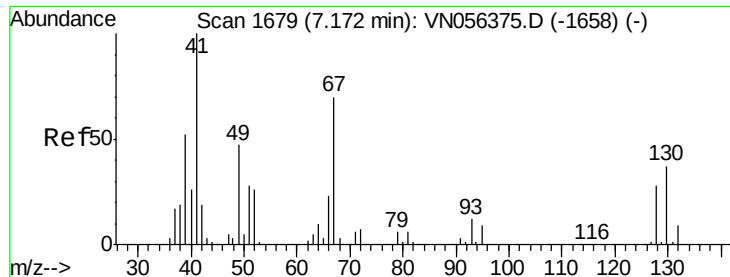
#40
Benzene
Concen: 19.398 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN056499.D
Acq: 26 Jun 2019 12:27

Tgt Ion: 78 Resp: 279130
Ion Ratio Lower Upper
78 100
77 22.6 18.3 27.5



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

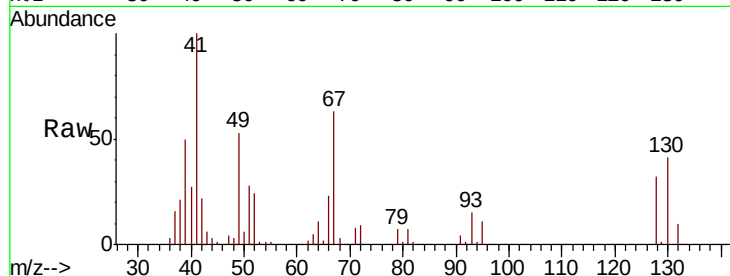




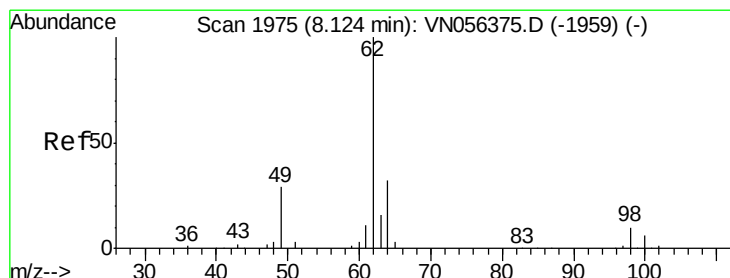
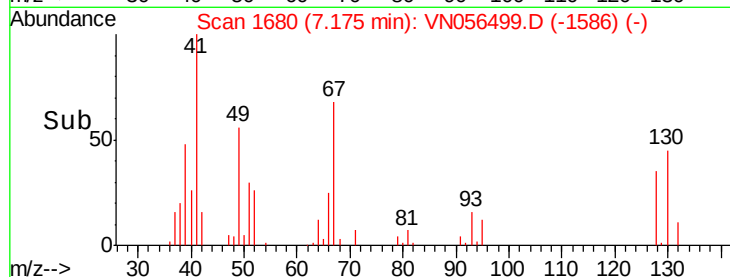
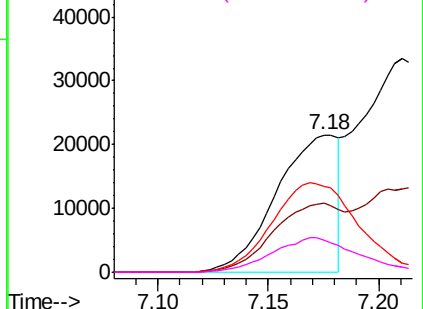
#41
Methacrylonitrile
Concen: 20.578 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VN056499.D
Acq: 26 Jun 2019 12:27

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:	41	Resp:	41775
Ion	Ratio	Lower	Upper
41	100		
39	56.2	55.3	82.9
67	91.9	79.2	118.8
52	35.6	31.4	47.0

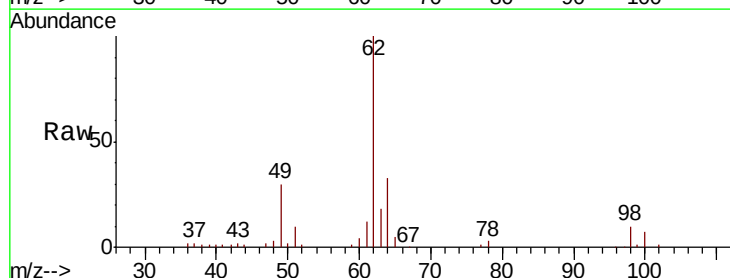


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

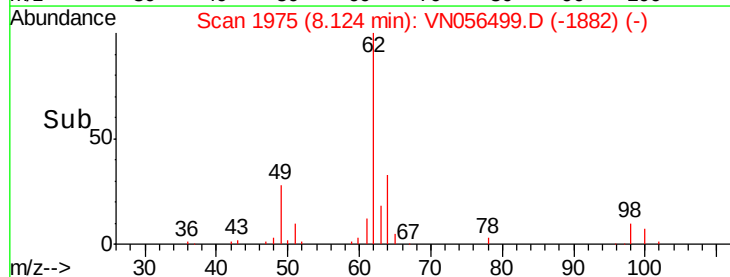
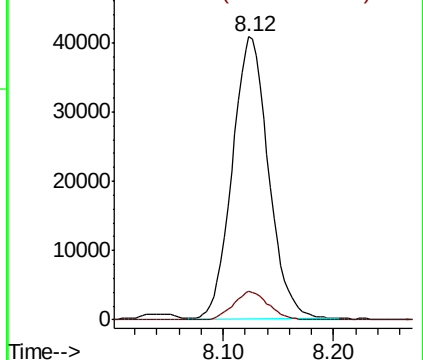


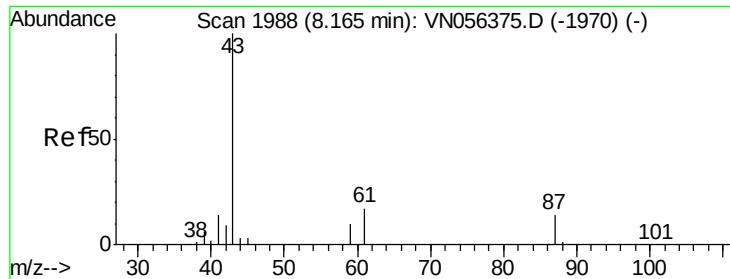
#42
1,2-Dichloroethane
Concen: 19.540 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN056499.D
Acq: 26 Jun 2019 12:27

Tgt Ion:	62	Resp:	92793
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	19.4



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





#43

Isopropyl Acetate

Concen: 20.553 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN056499.D

Acq: 26 Jun 2019 12:27

Instrument :

MSVOA_N

ClientSampleId :

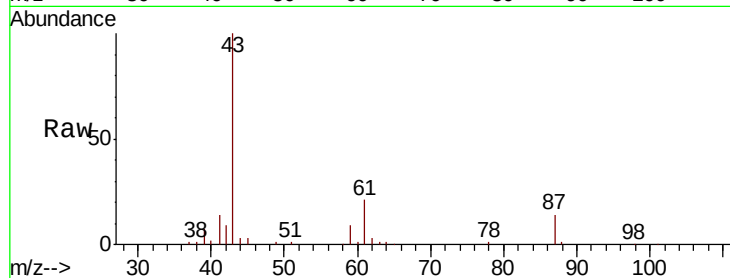
Tot Ion: 43 Resp: 145702

Ion Ratio Lower Upper

43 100

61 20.2 22.0 33.0#

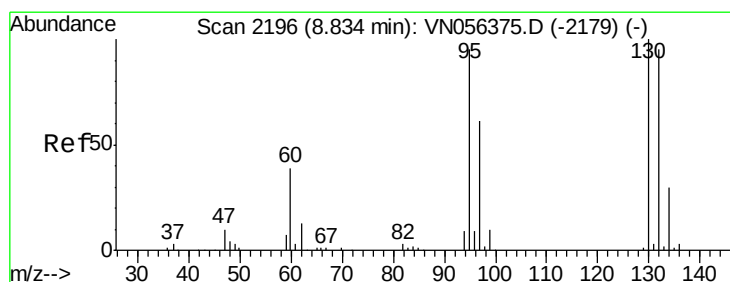
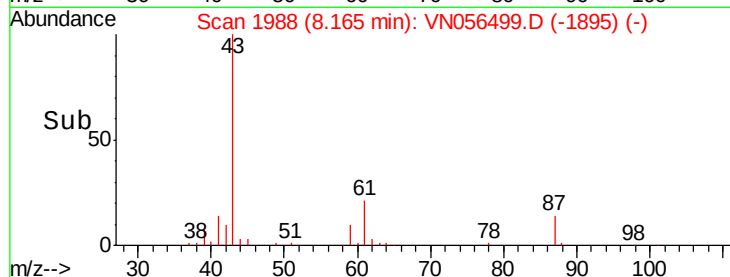
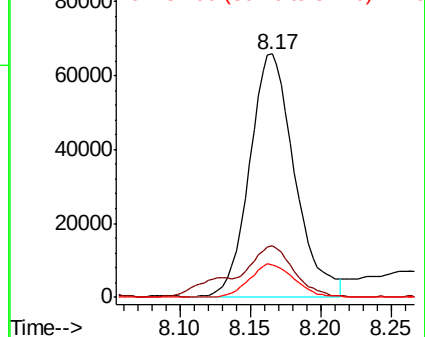
87 13.8 11.0 16.4



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: 18.941 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN056499.D

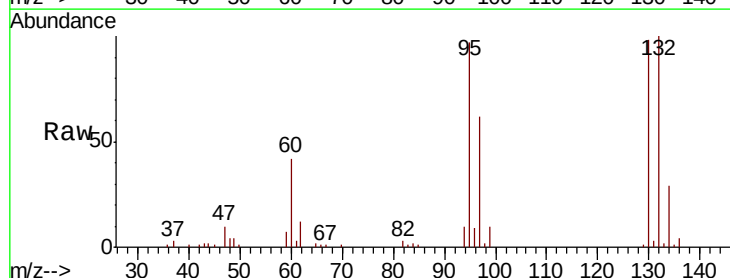
Acq: 26 Jun 2019 12:27

Tgt Ion:130 Resp: 73421

Ion Ratio Lower Upper

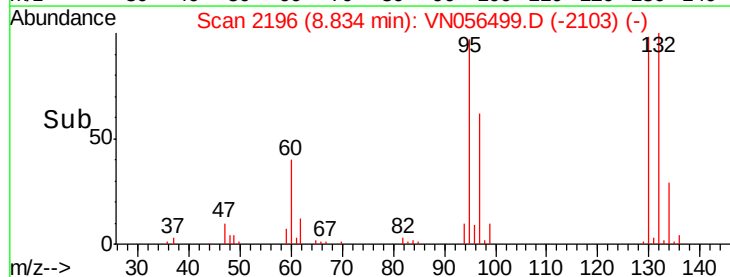
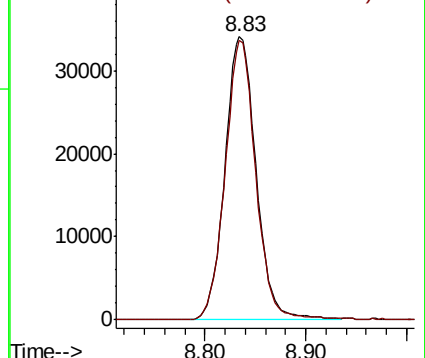
130 100

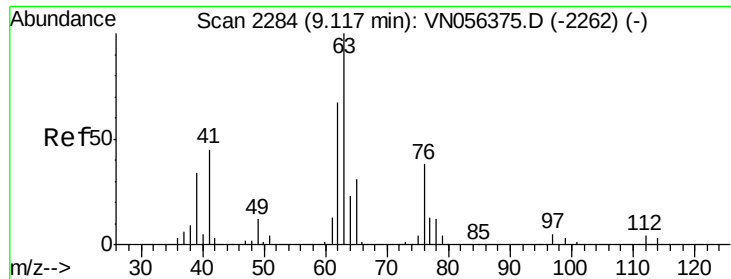
95 98.8 0.0 191.0



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

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

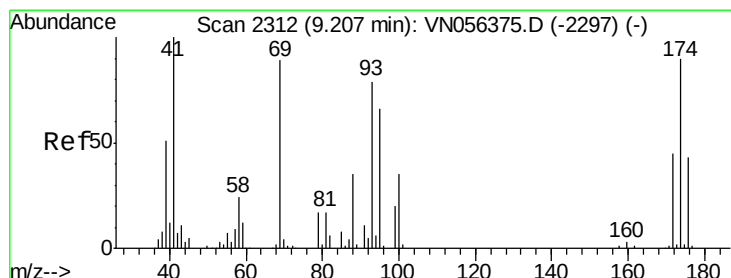
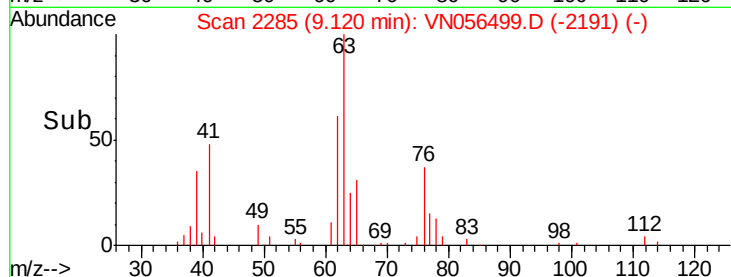
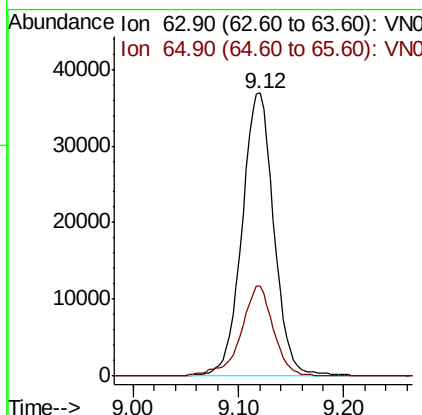
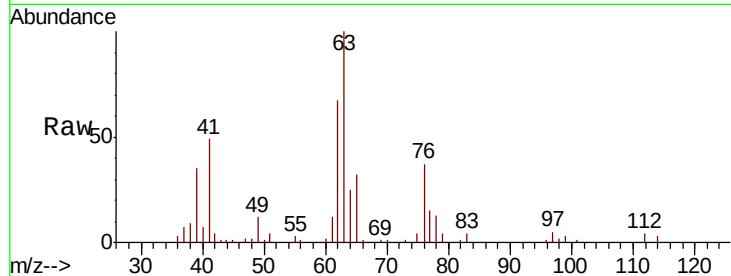




#45
 1,2-Dichloropropane
 Concen: 20.170 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN056499.D
 Acq: 26 Jun 2019 12:27

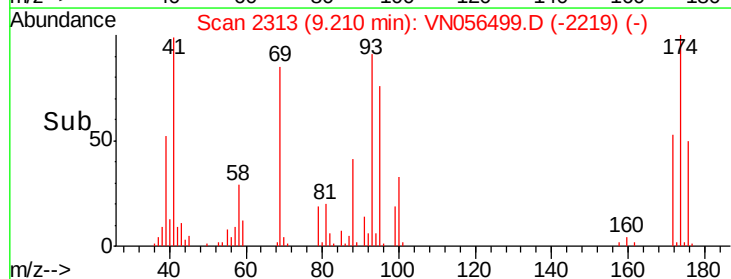
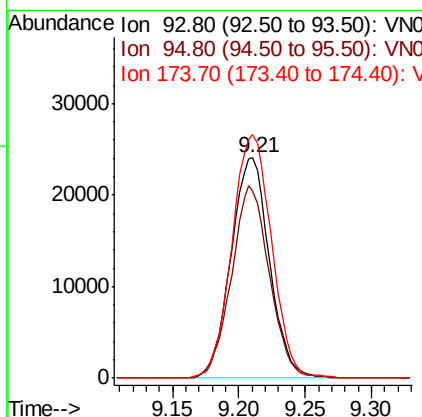
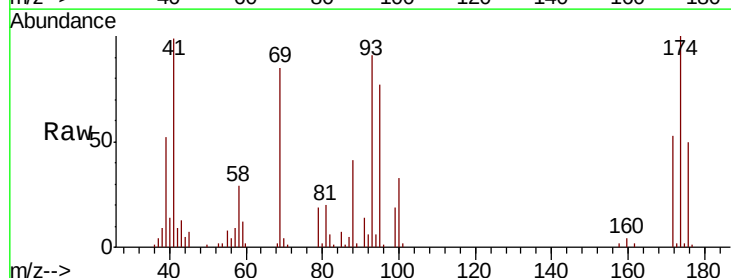
Instrument :
 MSVOA_N
 ClientSampled :

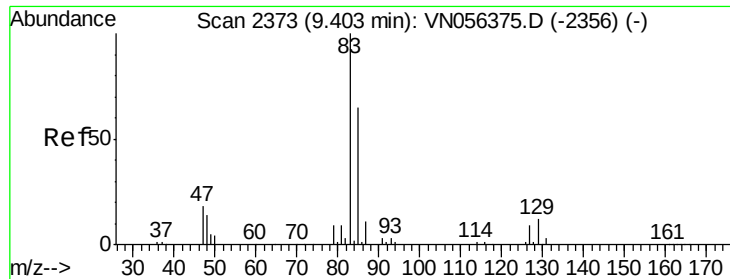
Tot Ion: 63 Resp: 77621
 Ion Ratio Lower Upper
 63 100
 65 31.9 25.0 37.6



#46
 Dibromomethane
 Concen: 20.181 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN056499.D
 Acq: 26 Jun 2019 12:27

Tgt Ion: 93 Resp: 48588
 Ion Ratio Lower Upper
 93 100
 95 85.6 66.2 99.2
 174 113.9 90.8 136.2





#47

Bromodichloromethane

Concen: 20.447 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN056499.D

Acq: 26 Jun 2019 12:27

Instrument :

MSVOA_N

ClientSampleId :

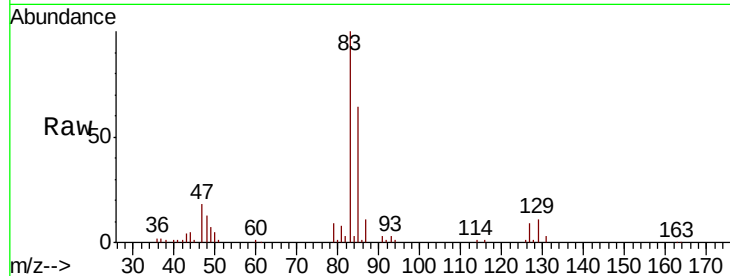
Tot Ion: 83 Resp: 87313

Ion Ratio Lower Upper

83 100

85 64.0 52.2 78.4

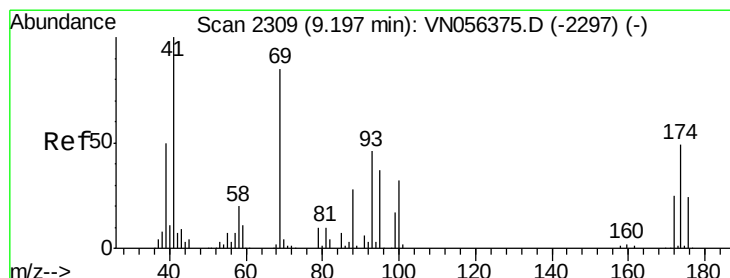
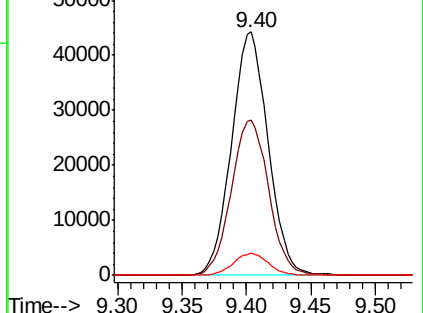
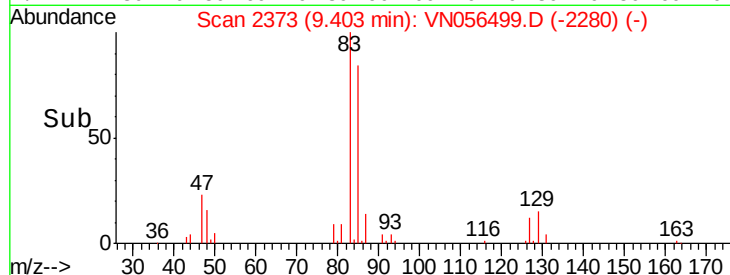
127 8.9 7.3 10.9



Abundance Ion 82.90 (82.60 to 83.60): VN056499.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN056499.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN056499.D (-2280) (-)



#48

Methyl methacrylate

Concen: 19.869 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN056499.D

Acq: 26 Jun 2019 12:27

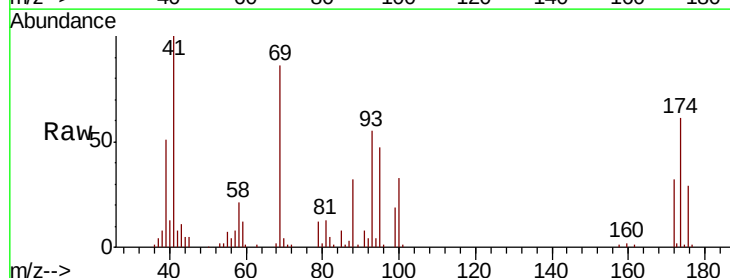
Tgt Ion: 41 Resp: 70584

Ion Ratio Lower Upper

41 100

69 88.2 72.6 109.0

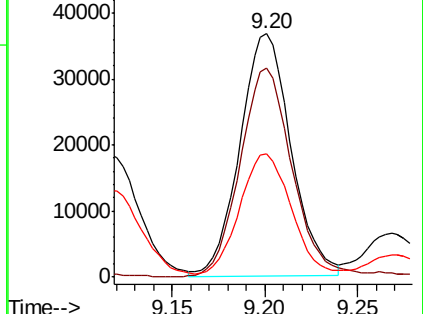
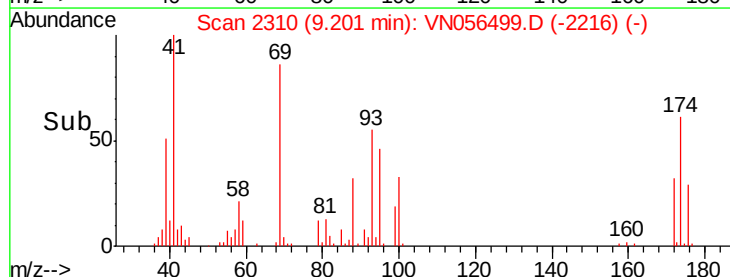
39 52.2 42.6 63.8

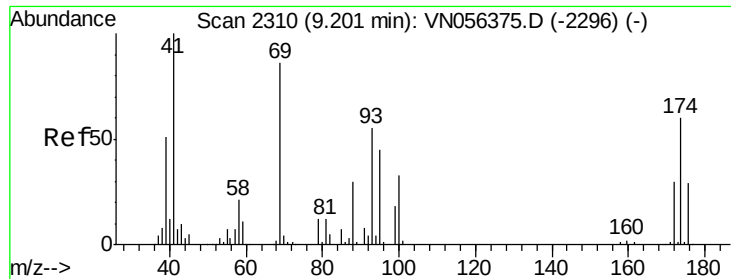


Abundance Ion 41.00 (40.70 to 41.70): VN056499.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN056499.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN056499.D (-2216) (-)

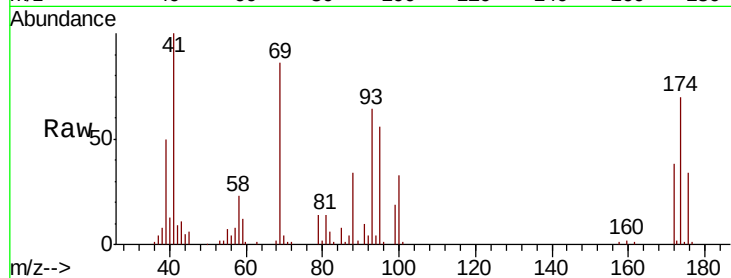




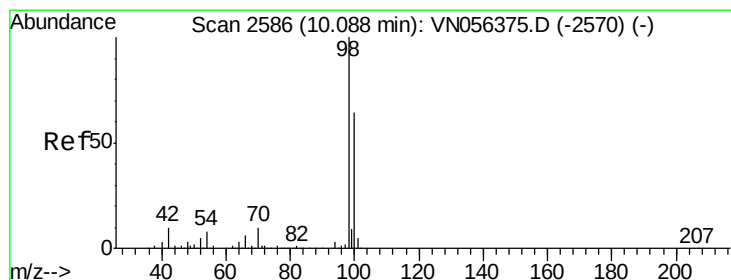
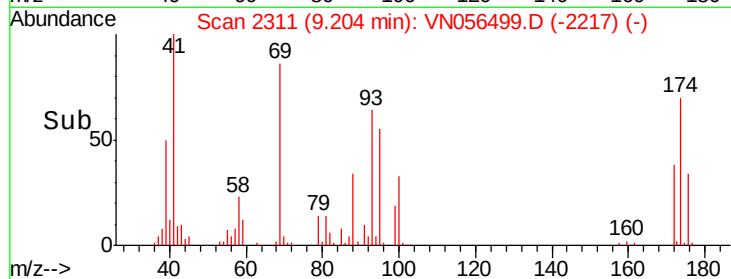
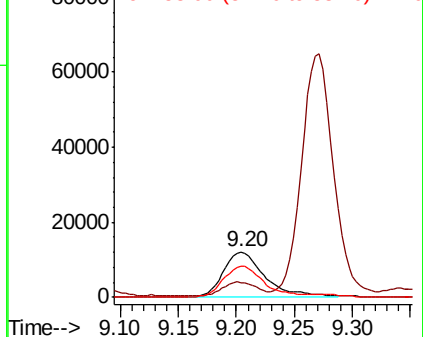
#49
 1,4-Dioxane
 Concen: 409.113 ug/l
 RT: 9.20 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: VN056499.D
 Acq: 26 Jun 2019 12:27

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 88 Resp: 30160
 Ion Ratio Lower Upper
 88 100
 43 25.8 22.0 33.0
 58 66.4 51.8 77.8

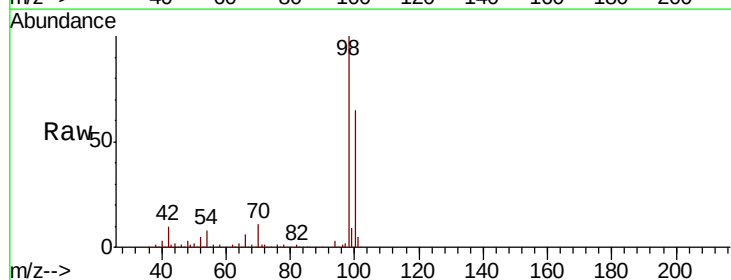


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

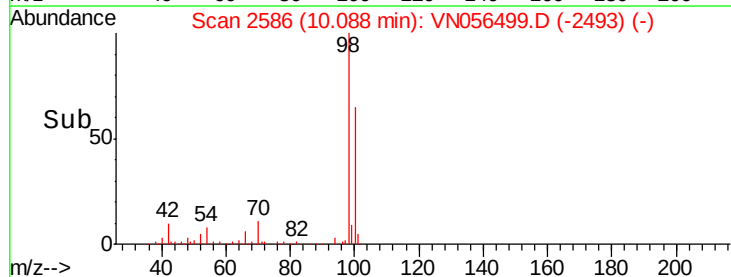
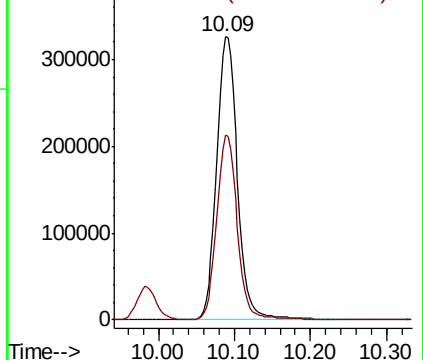


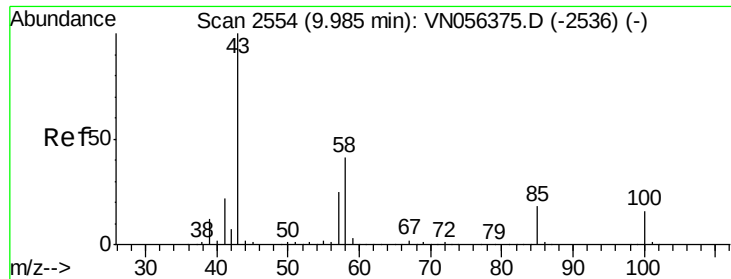
#50
 Toluene-d8
 Concen: 48.049 ug/l
 RT: 10.09 min Scan# 2586
 Delta R.T. 0.00 min
 Lab File: VN056499.D
 Acq: 26 Jun 2019 12:27

Tgt Ion: 98 Resp: 619898
 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: 101.243 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN056499.D

Acq: 26 Jun 2019 12:27

Instrument :

MSVOA_N

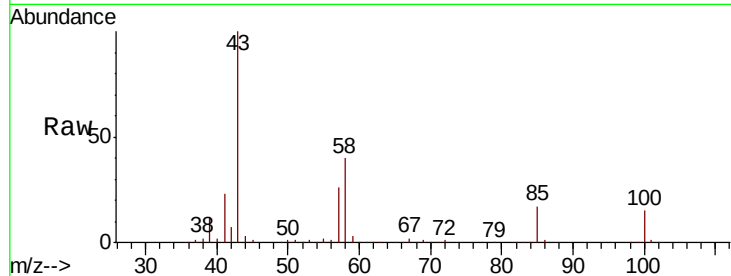
ClientSampleId :

Tot Ion: 43 Resp: 463236

Ion Ratio Lower Upper

43 100

58 39.9 31.8 47.8



Abundance Ion 43.00 (42.70 to 43.70): VN056375.D (-2536) (-)

Ion 58.00 (57.70 to 58.70): VN056375.D (-2536) (-)

9.98

250000

200000

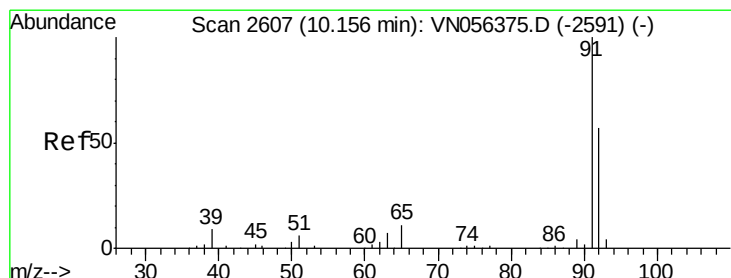
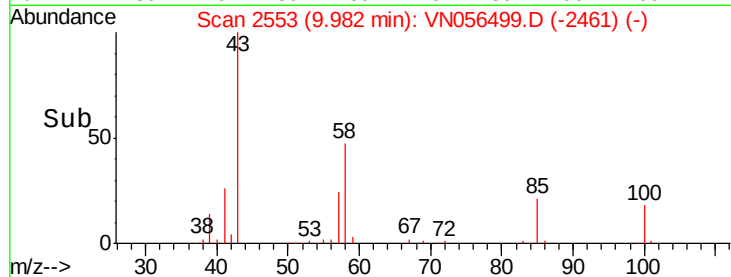
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 19.509 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN056499.D

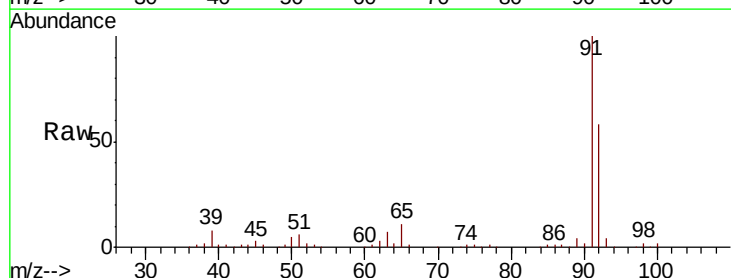
Acq: 26 Jun 2019 12:27

Tgt Ion: 92 Resp: 171628

Ion Ratio Lower Upper

92 100

91 174.3 140.6 211.0



Abundance Ion 92.00 (91.70 to 92.70): VN056375.D (-2591) (-)

Ion 91.00 (90.70 to 91.70): VN056375.D (-2591) (-)

10.16

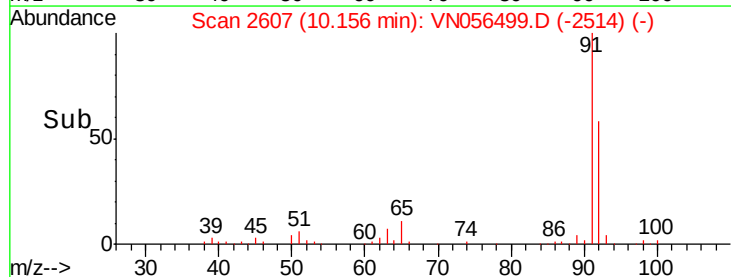
150000

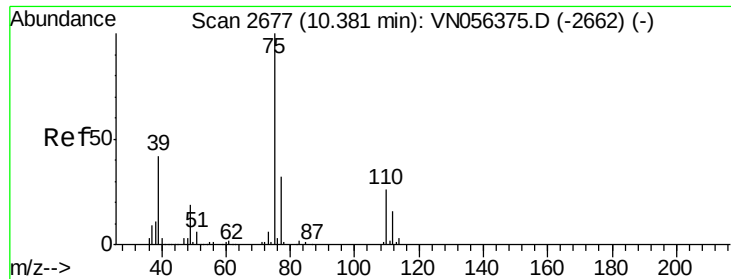
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 19.482 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN056499.D

Acq: 26 Jun 2019 12:27

Instrument :

MSVOA_N

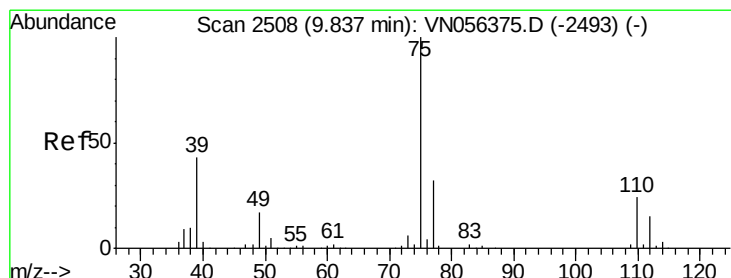
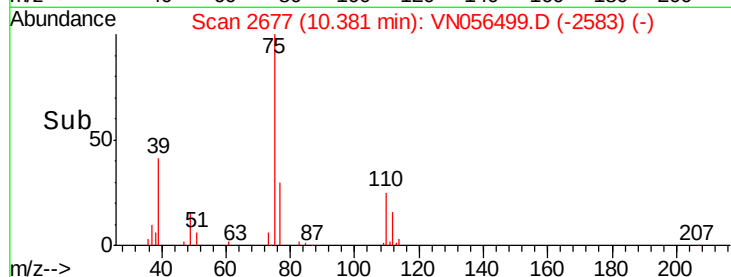
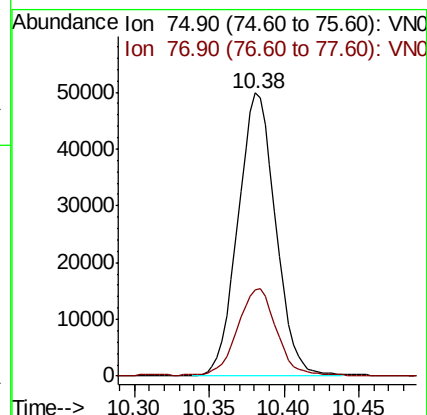
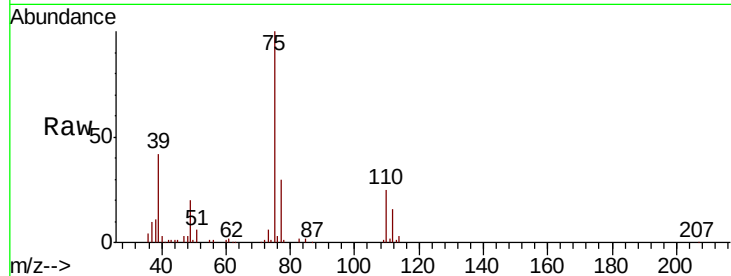
ClientSampled :

Tot Ion: 75 Resp: 87580

Ion Ratio Lower Upper

75 100

77 29.8 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 20.194 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN056499.D

Acq: 26 Jun 2019 12:27

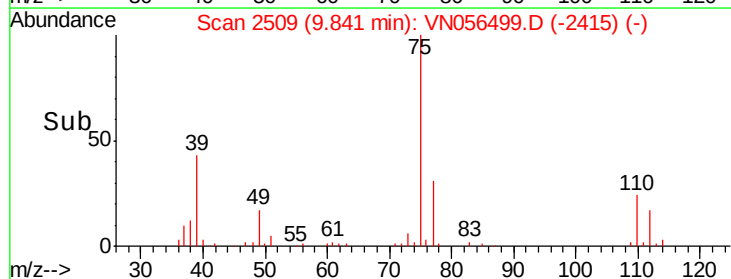
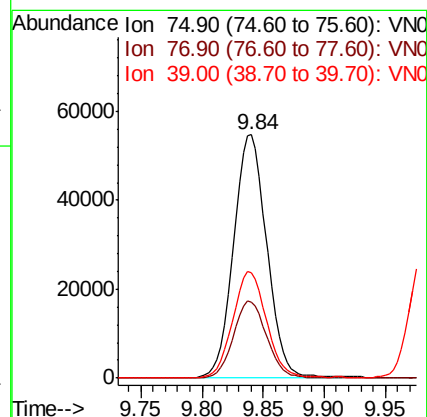
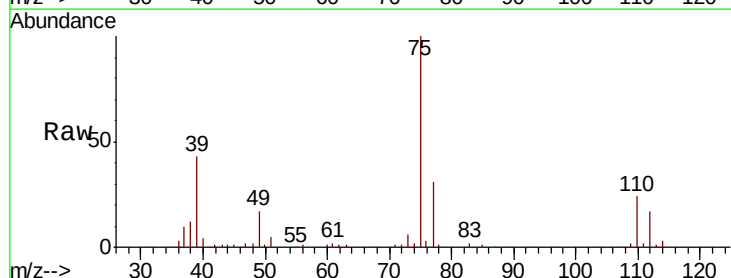
Tgt Ion: 75 Resp: 103844

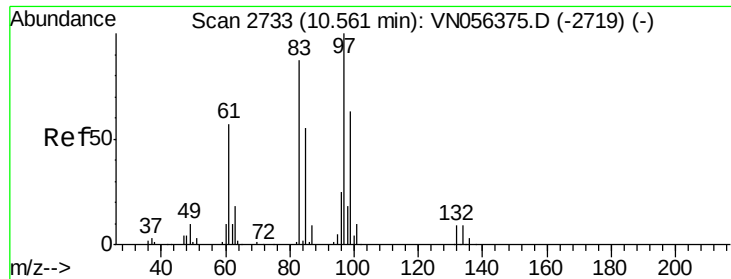
Ion Ratio Lower Upper

75 100

77 31.2 25.2 37.8

39 43.2 34.2 51.4

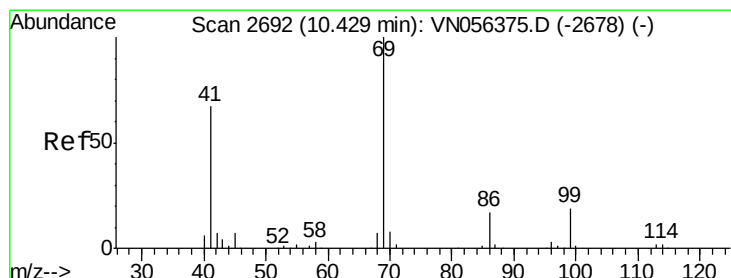
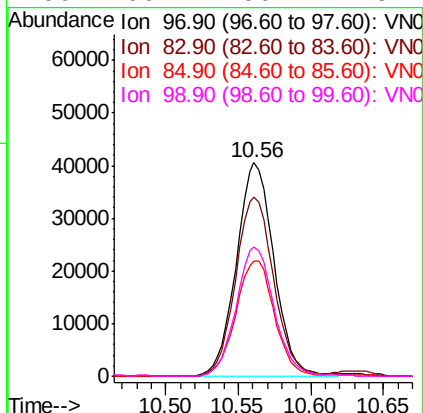
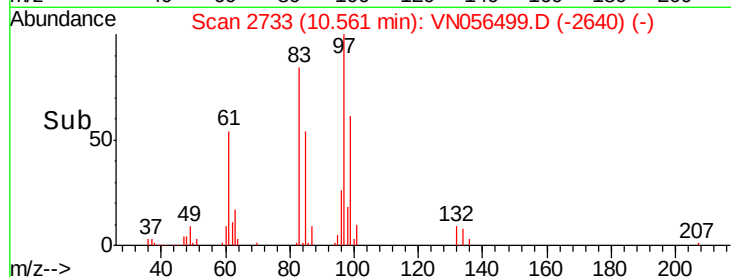
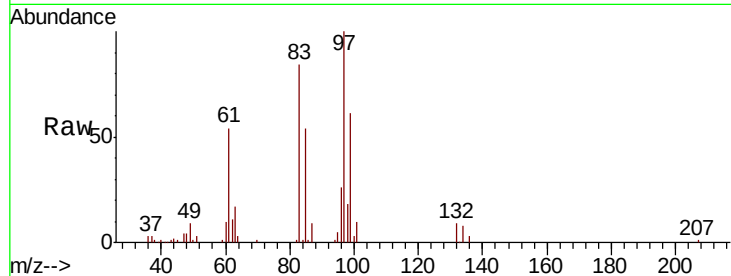




#55
 1,1,2-Trichloroethane
 Concen: 20.693 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN056499.D
 Acq: 26 Jun 2019 12:27

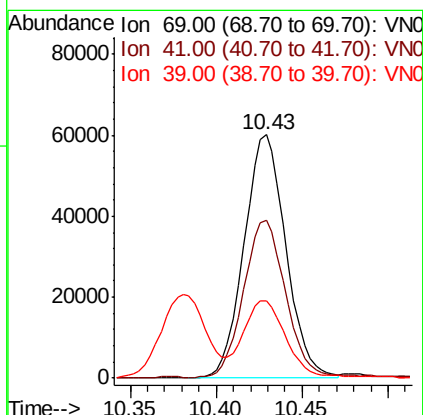
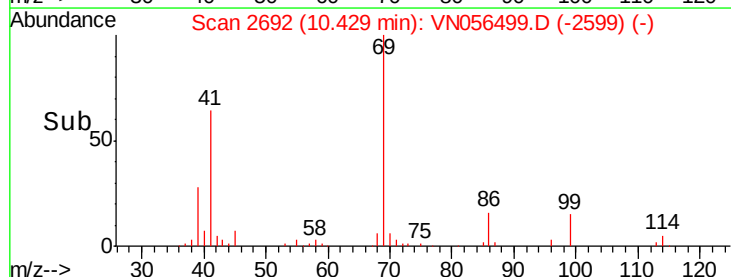
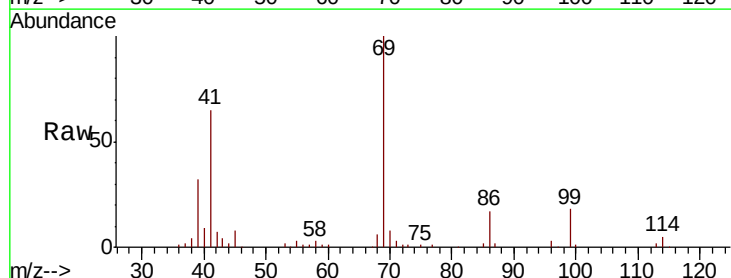
Instrument :
 MSVOA_N
 ClientSampled :

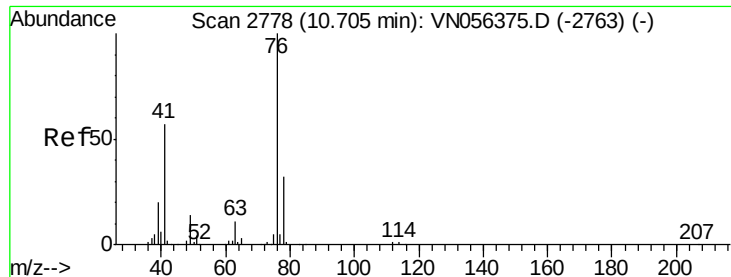
Tot Ion:	97	Resp:	73177
Ion	Ratio	Lower	Upper
97	100		
83	84.2	69.8	104.6
85	54.1	43.8	65.8
99	60.7	50.2	75.2



#56
 Ethyl methacrylate
 Concen: 19.596 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN056499.D
 Acq: 26 Jun 2019 12:27

Tgt Ion:	69	Resp:	101273
Ion	Ratio	Lower	Upper
69	100		
41	65.4	51.4	77.2
39	31.2	24.7	37.1

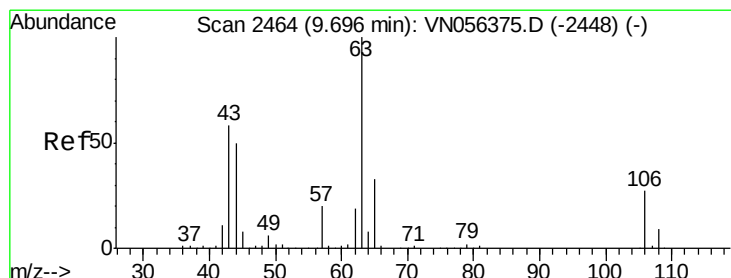
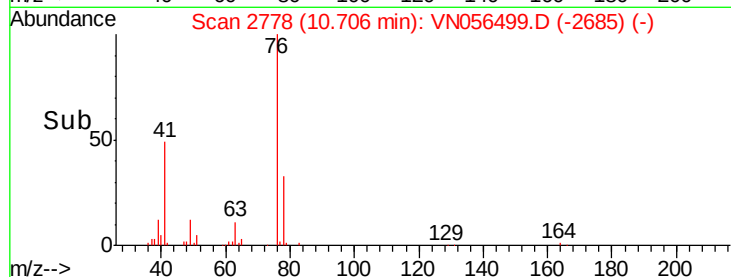
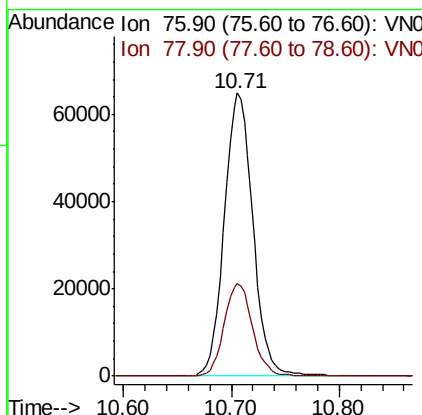
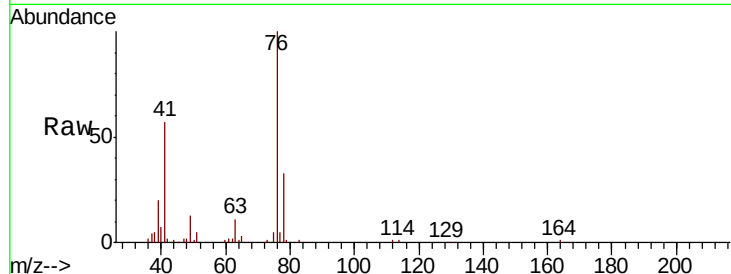




#57
 1,3-Dichloropropane
 Concen: 20.133 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. 0.00 min
 Lab File: VN056499.D
 Acq: 26 Jun 2019 12:27

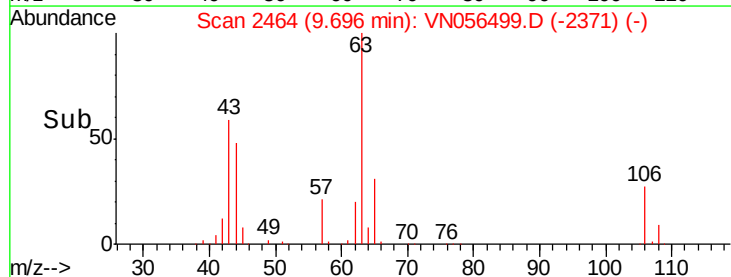
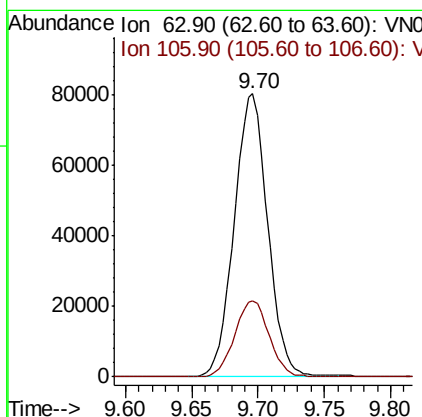
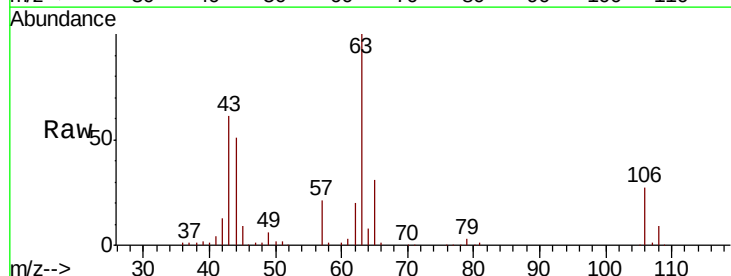
Instrument :
 MSVOA_N
 ClientSampled :

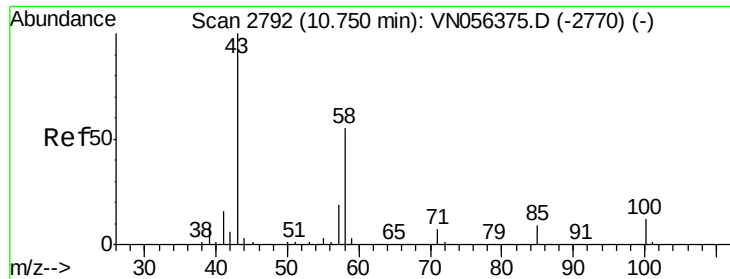
Tot Ion: 76 Resp: 119605
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 76.037 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN056499.D
 Acq: 26 Jun 2019 12:27

Tgt Ion: 63 Resp: 141171
 Ion Ratio Lower Upper
 63 100
 106 27.6 21.6 32.4

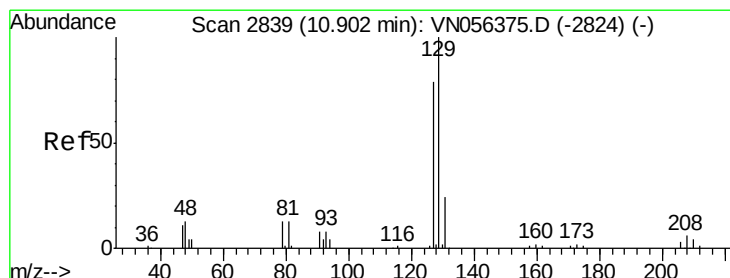
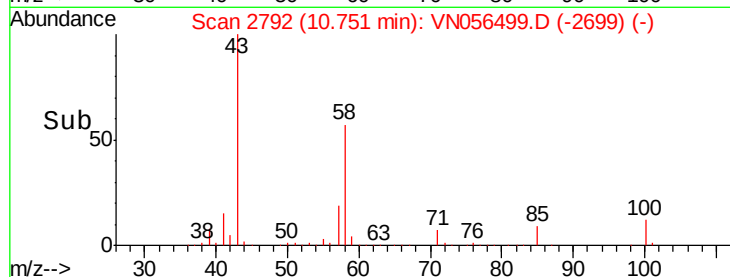
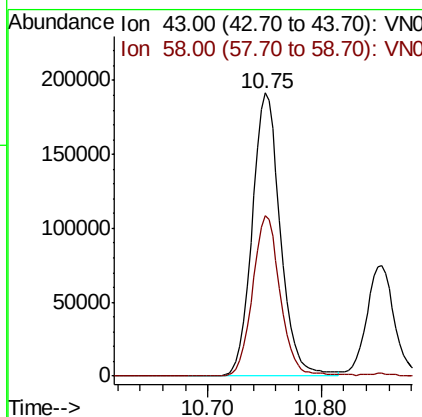
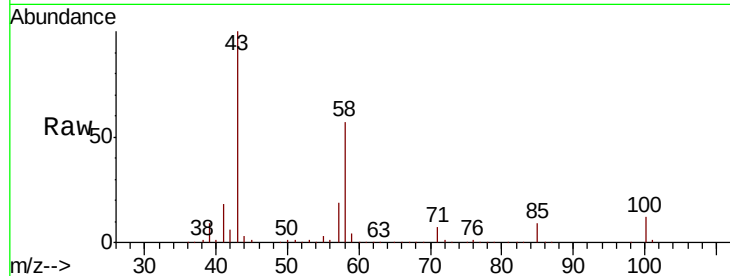




#59
2-Hexanone
Concen: 98.187 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN056499.D
Acq: 26 Jun 2019 12:27

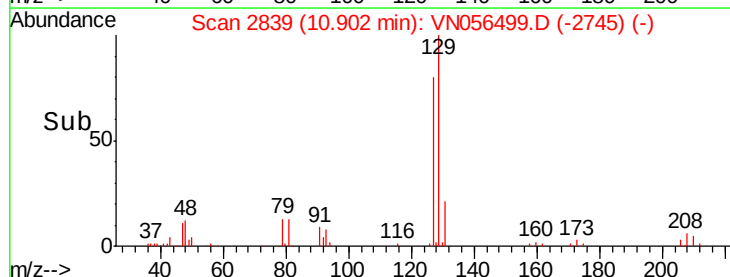
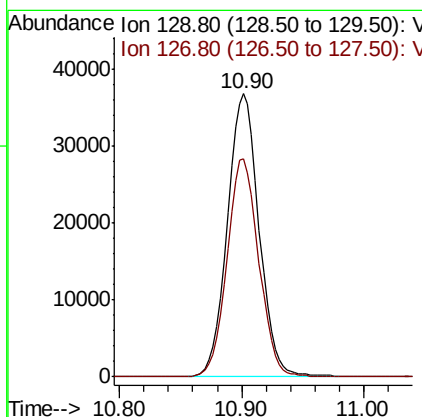
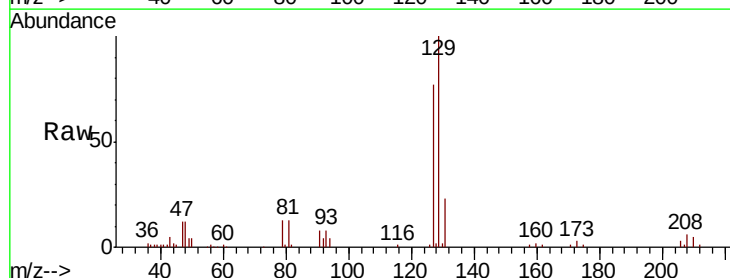
Instrument :
MSVOA_N
ClientSampled :

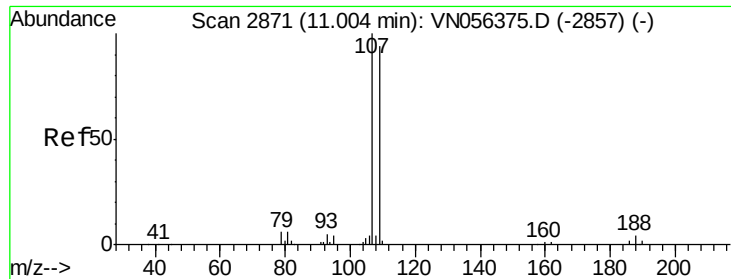
Tot Ion: 43 Resp: 330185
Ion Ratio Lower Upper
43 100
58 56.1 27.8 83.4



#60
Dibromochloromethane
Concen: 19.871 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN056499.D
Acq: 26 Jun 2019 12:27

Tgt Ion: 129 Resp: 66748
Ion Ratio Lower Upper
129 100
127 77.1 38.9 116.7

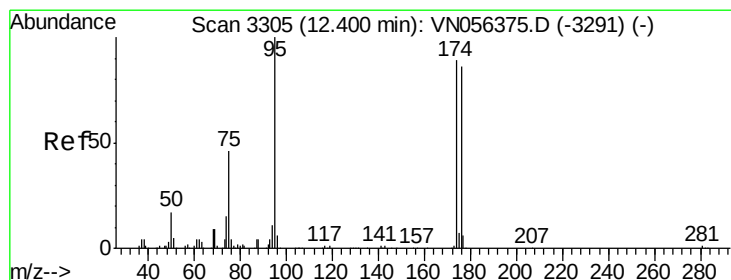
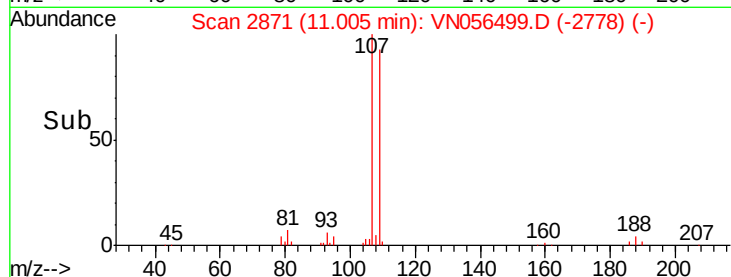
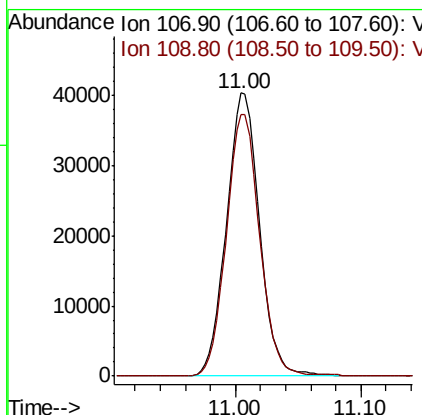
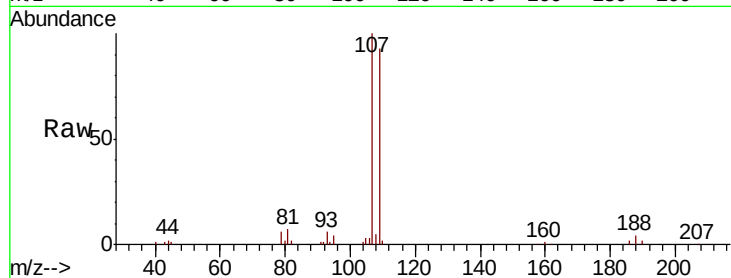




#61
 1,2-Dibromoethane
 Concen: 20.378 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. 0.00 min
 Lab File: VN056499.D
 Acq: 26 Jun 2019 12:27

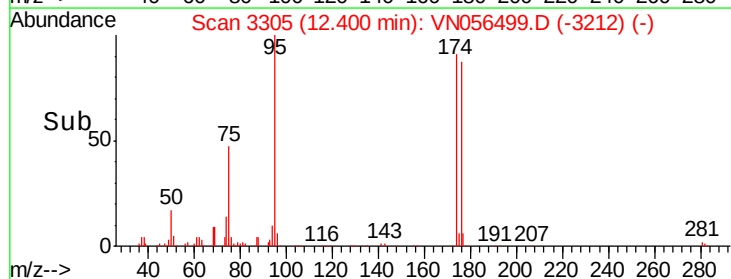
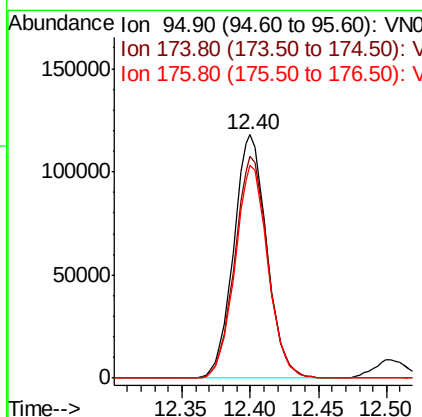
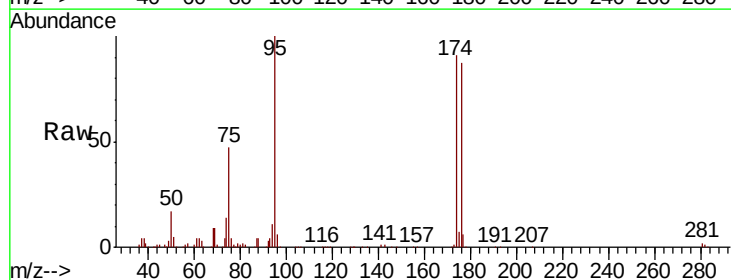
Instrument :
 MSVOA_N
 ClientSampleId :

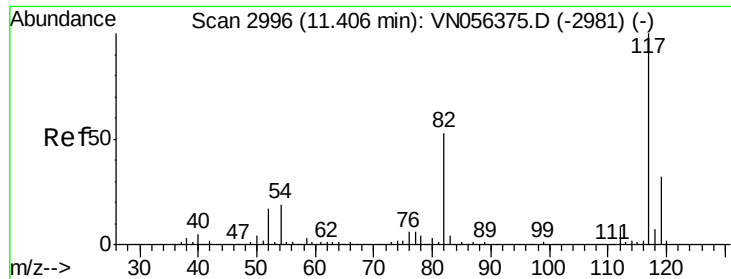
Tot Ion:107 Resp: 73601
 Ion Ratio Lower Upper
 107 100
 109 93.1 75.3 112.9



#62
 4-Bromofluorobenzene
 Concen: 46.118 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN056499.D
 Acq: 26 Jun 2019 12:27

Tgt Ion: 95 Resp: 198341
 Ion Ratio Lower Upper
 95 100
 174 91.1 0.0 179.4
 176 86.9 0.0 173.4

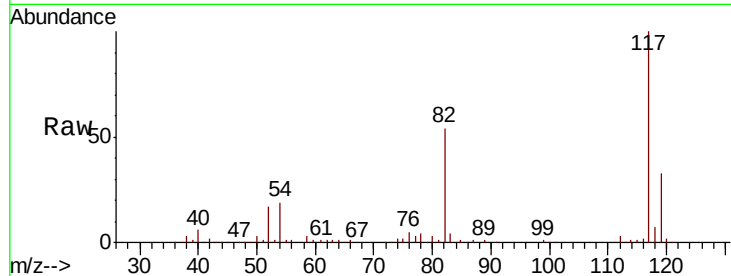




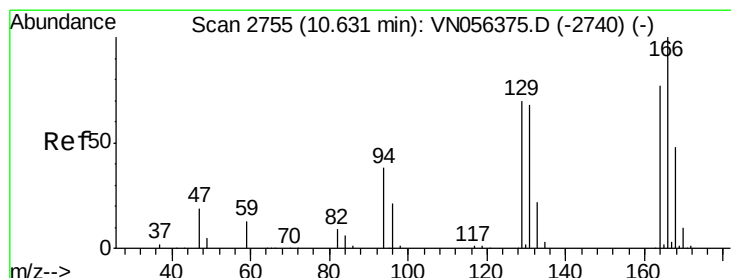
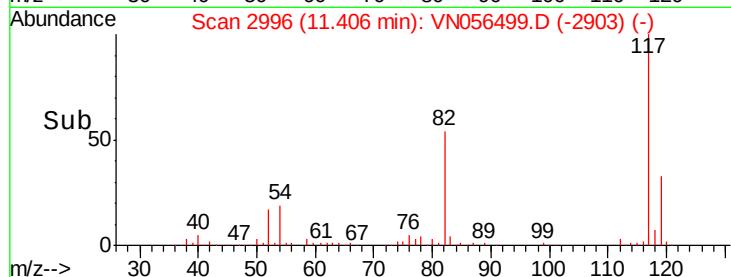
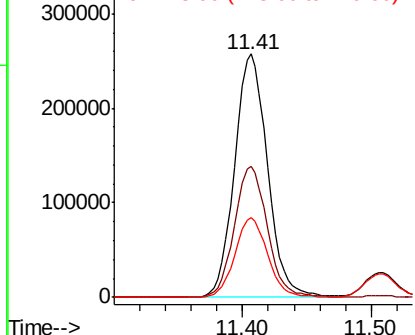
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056499.D
Acq: 26 Jun 2019 12:27

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 458065
Ion Ratio Lower Upper
117 100
82 53.9 42.0 63.0
119 32.7 25.3 37.9

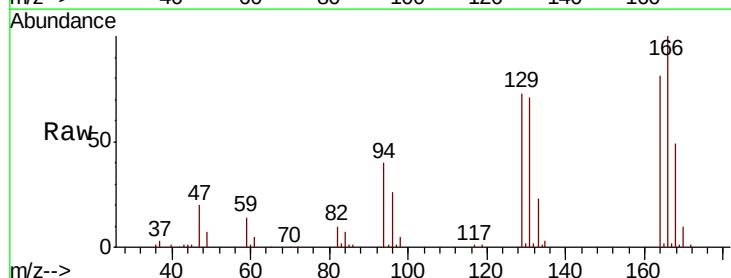


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

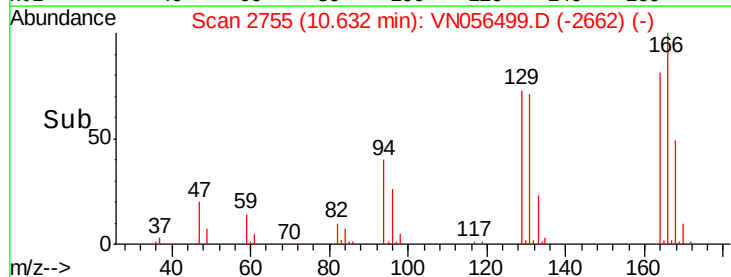
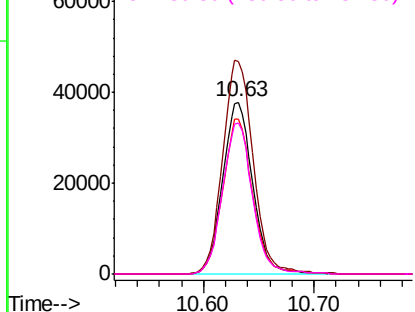


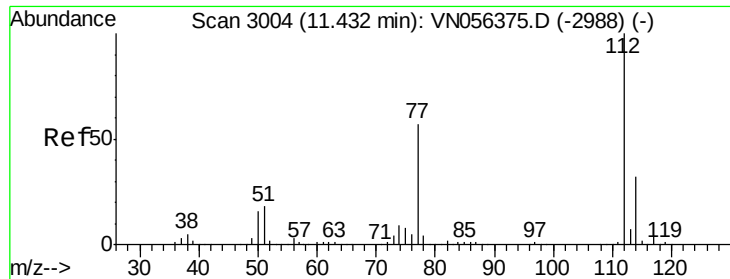
#64
Tetrachloroethene
Concen: 19.649 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN056499.D
Acq: 26 Jun 2019 12:27

Tgt Ion:164 Resp: 71277
Ion Ratio Lower Upper
164 100
166 123.6 103.4 155.0
129 90.1 72.0 108.0
131 88.1 70.2 105.2



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

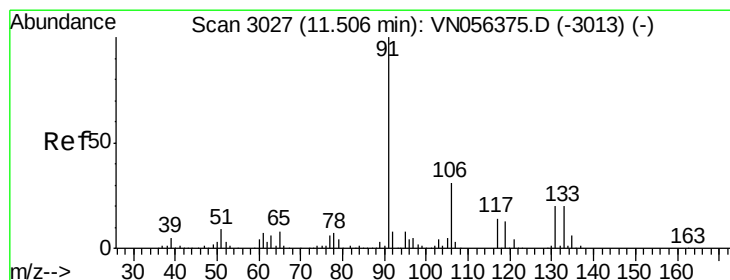
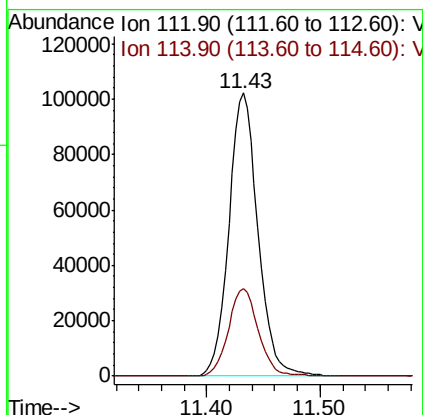
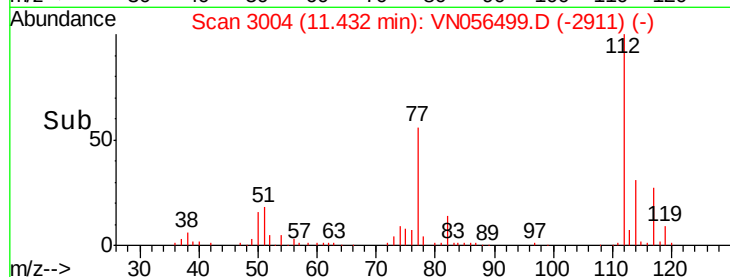
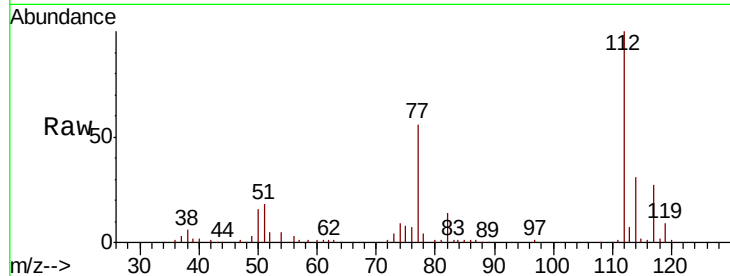




#65
Chlorobenzene
Concen: 19.806 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN056499.D
Acq: 26 Jun 2019 12:27

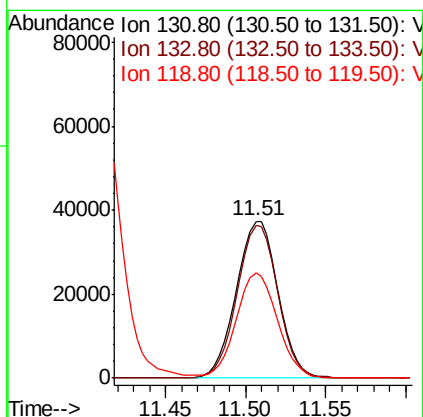
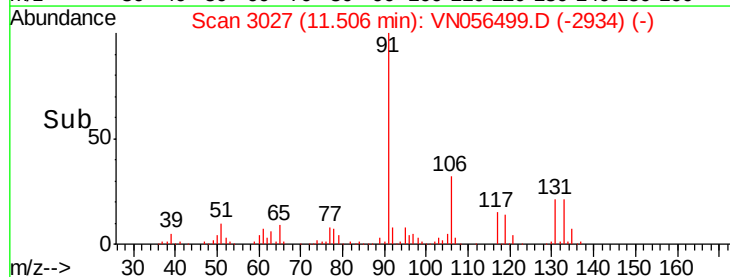
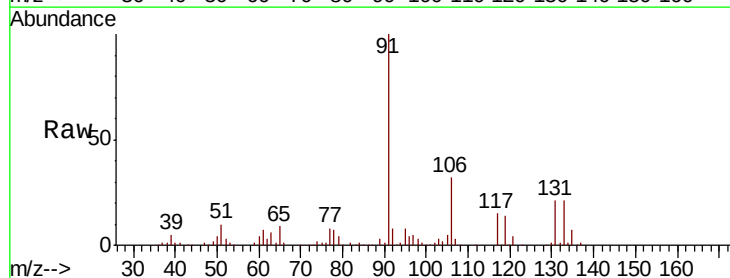
Instrument :
MSVOA_N
ClientSampled :

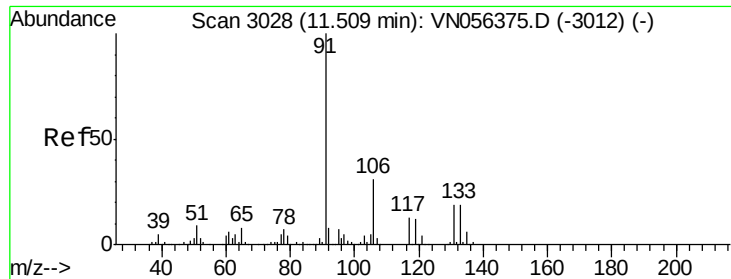
Tot Ion:112 Resp: 182295
Ion Ratio Lower Upper
112 100
114 31.0 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 21.378 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN056499.D
Acq: 26 Jun 2019 12:27

Tgt Ion:131 Resp: 66501
Ion Ratio Lower Upper
131 100
133 95.3 47.4 142.2
119 66.2 32.8 98.4

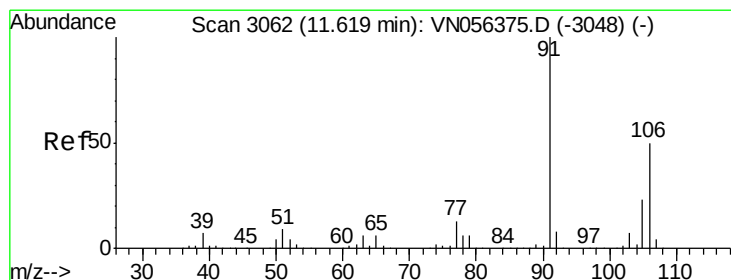
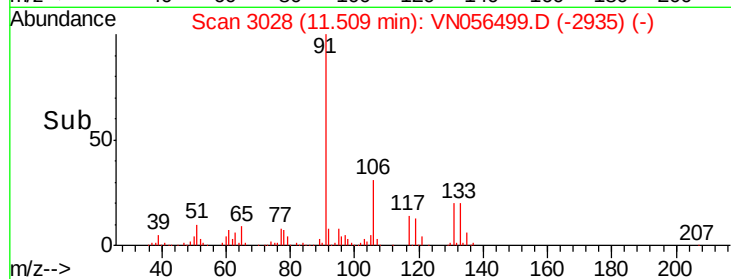
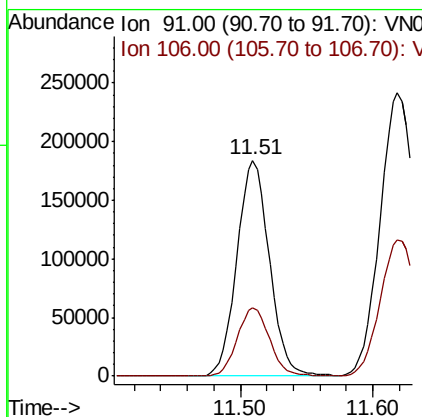
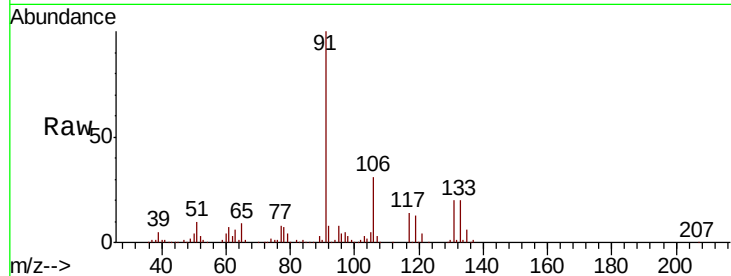




#67
Ethyl Benzene
Concen: 19.423 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN056499.D
Acq: 26 Jun 2019 12:27

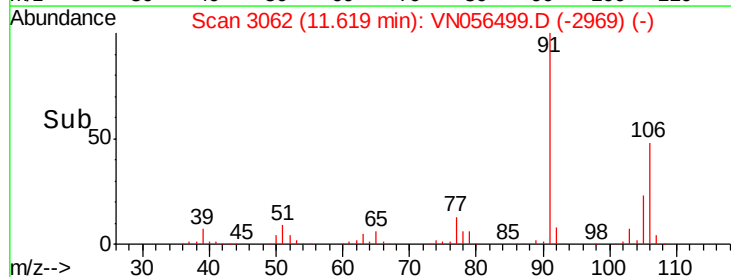
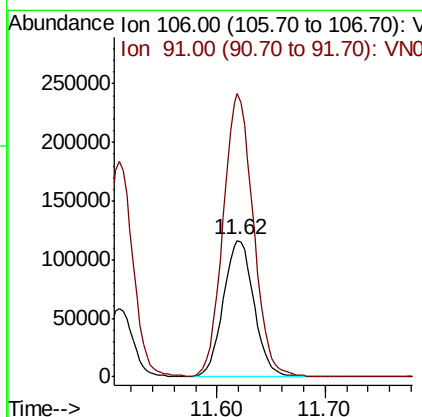
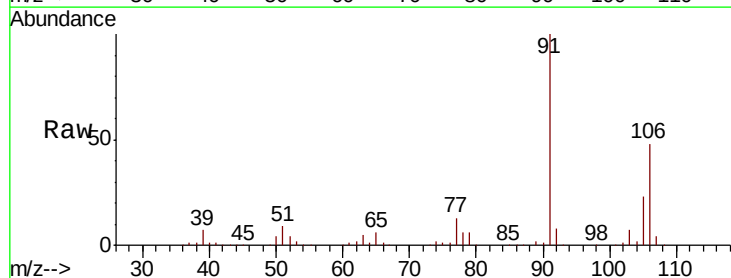
Instrument :
MSVOA_N
ClientSampled :

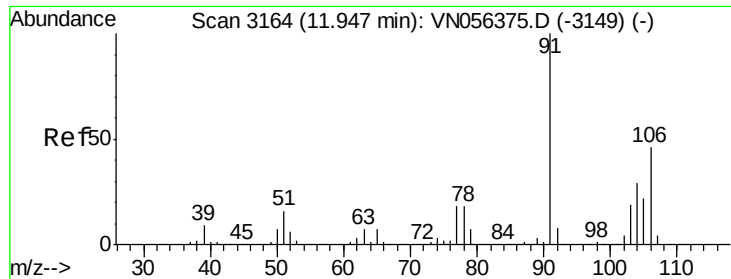
Tot Ion: 91 Resp: 313902
Ion Ratio Lower Upper
91 100
106 31.4 25.1 37.7



#68
m/p-Xylenes
Concen: 38.896 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN056499.D
Acq: 26 Jun 2019 12:27

Tgt Ion: 106 Resp: 230368
Ion Ratio Lower Upper
106 100
91 203.5 160.1 240.1

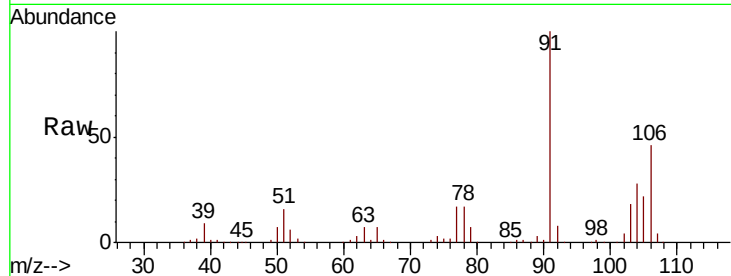




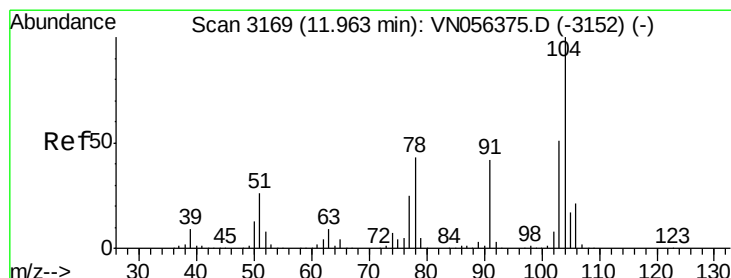
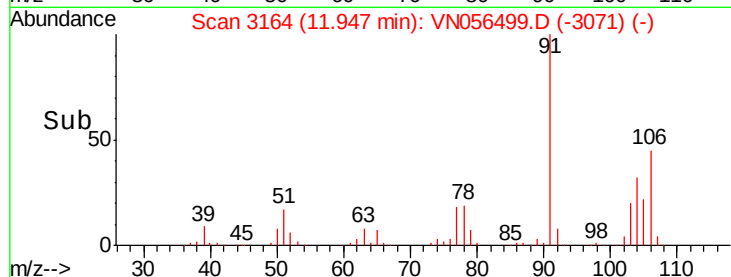
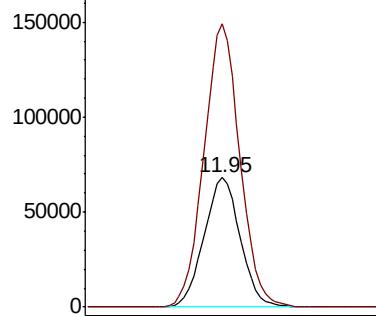
#69
o-Xylene
Concen: 19.575 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN056499.D
Acq: 26 Jun 2019 12:27

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:106 Resp: 114702
Ion Ratio Lower Upper
106 100
91 216.8 107.1 321.3

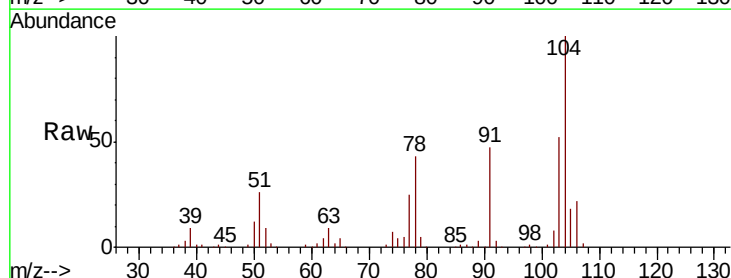


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

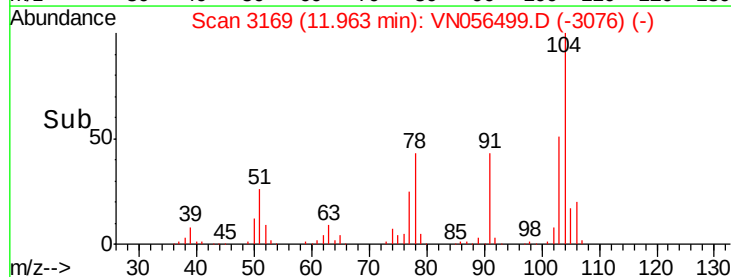
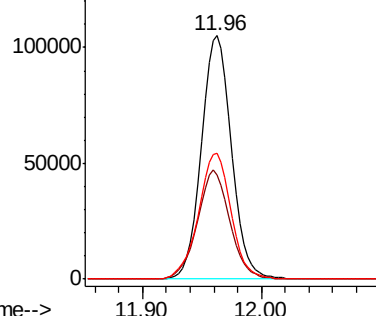


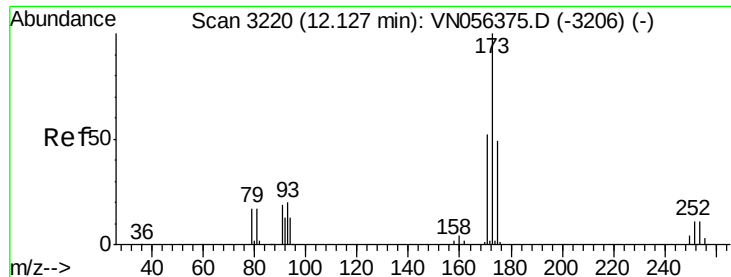
#70
Styrene
Concen: 19.708 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN056499.D
Acq: 26 Jun 2019 12:27

Tgt Ion:104 Resp: 184583
Ion Ratio Lower Upper
104 100
78 48.1 38.6 57.8
103 55.8 43.9 65.9



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





#71

Bromoform

Concen: 19.633 ug/l

RT: 12.12 min Scan# 3219

Delta R.T. -0.00 min

Lab File: VN056499.D

Acq: 26 Jun 2019 12:27

Instrument :

MSVOA_N

ClientSampleId :

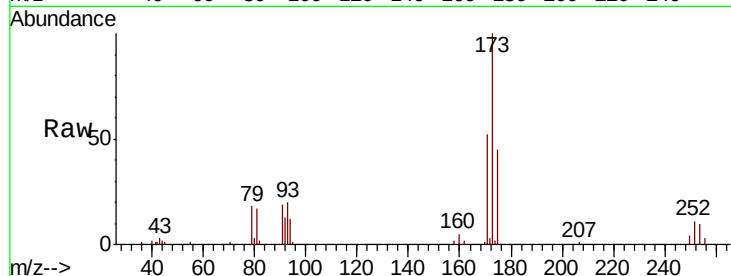
Tot Ion:173 Resp: 44158

Ion Ratio Lower Upper

173 100

175 47.3 24.4 73.4

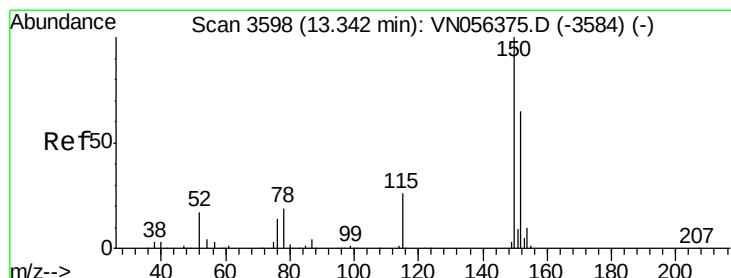
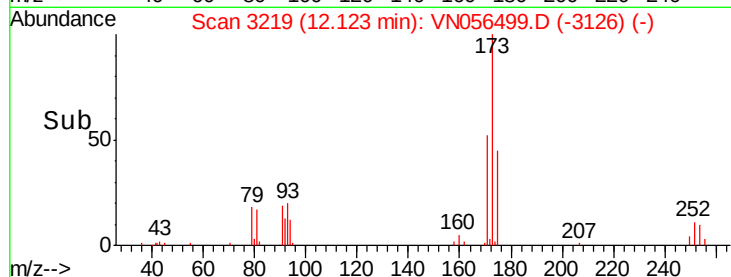
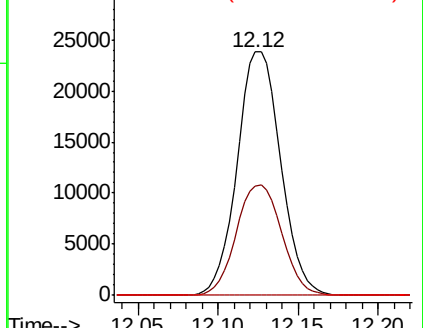
254 0.0 0.0 0.0



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: VN056499.D

Acq: 26 Jun 2019 12:27

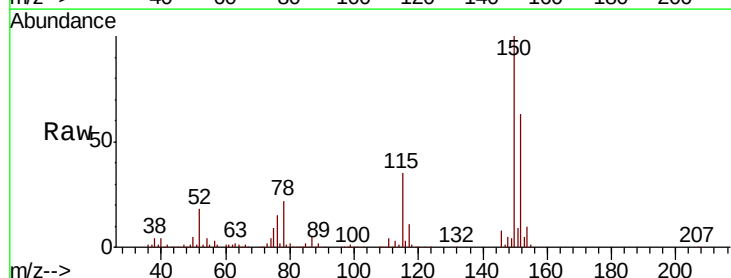
Tgt Ion:152 Resp: 165447

Ion Ratio Lower Upper

152 100

115 55.4 28.1 84.4

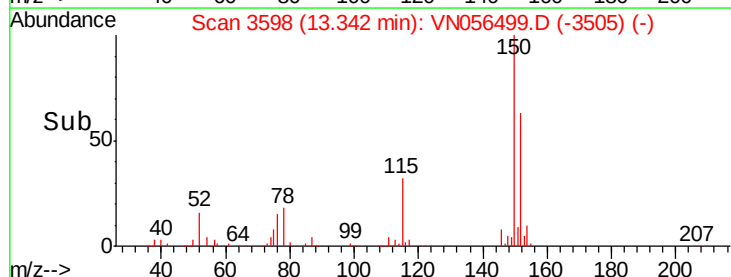
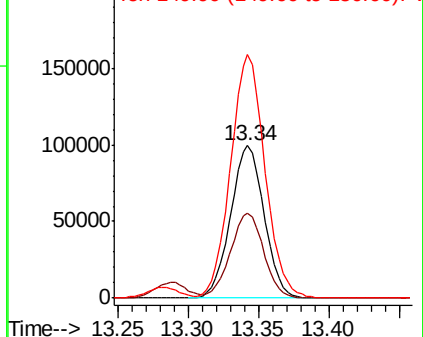
150 163.9 0.0 348.4

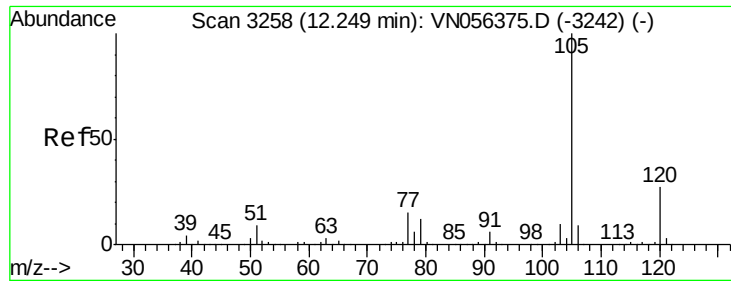


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 23.496 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN056499.D

Acq: 26 Jun 2019 12:27

Instrument :

MSVOA_N

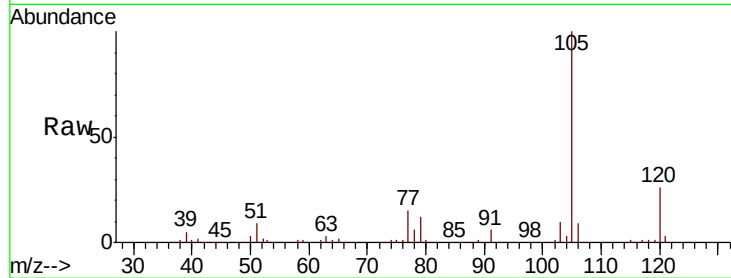
ClientSampleId :

Tot Ion:105 Resp: 309681

Ion Ratio Lower Upper

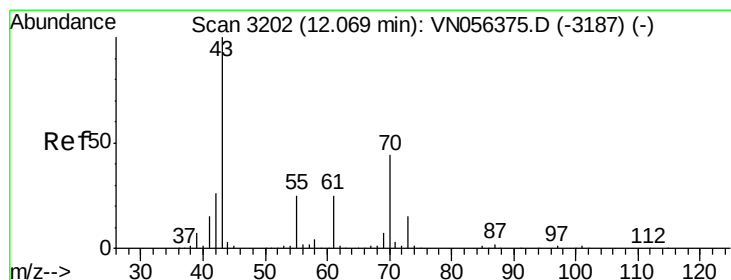
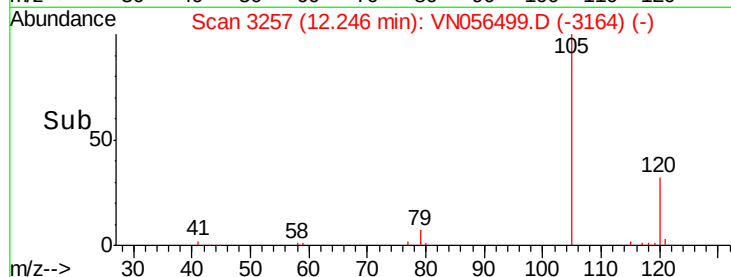
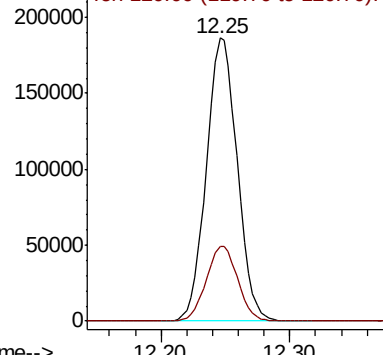
105 100

120 26.9 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.262 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. -0.00 min

Lab File: VN056499.D

Acq: 26 Jun 2019 12:27

Tgt Ion: 43 Resp: 111954

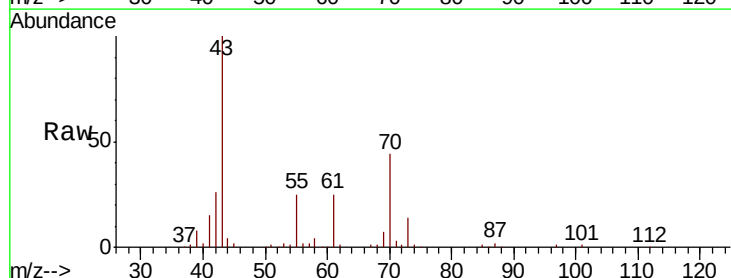
Ion Ratio Lower Upper

43 100

70 44.6 34.9 52.3

55 25.6 20.4 30.6

61 24.7 19.8 29.8

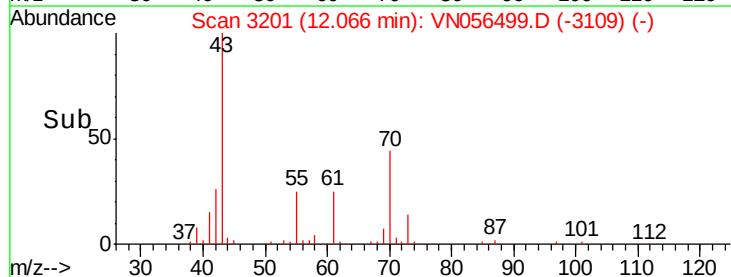
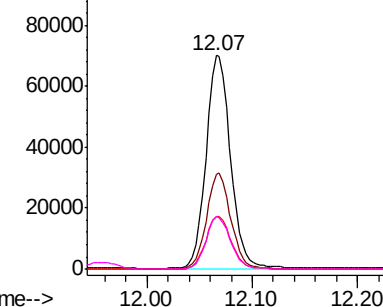


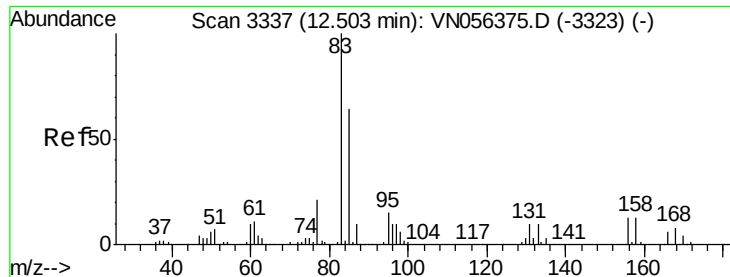
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 24.689 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN056499.D

Acq: 26 Jun 2019 12:27

Instrument :

MSVOA_N

ClientSampleId :

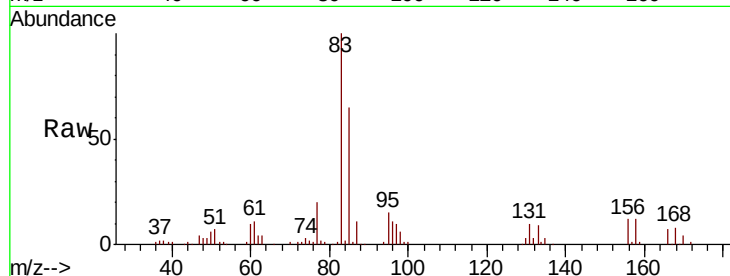
Tot Ion: 83 Resp: 100968

Ion Ratio Lower Upper

83 100

131 10.1 5.3 15.8

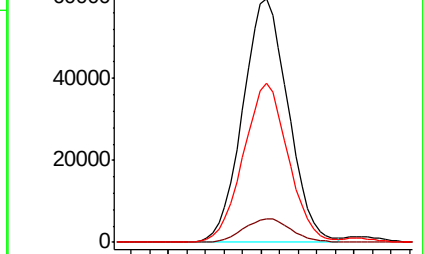
85 64.5 32.4 97.0



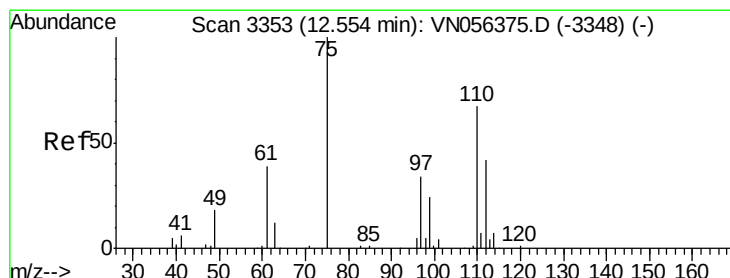
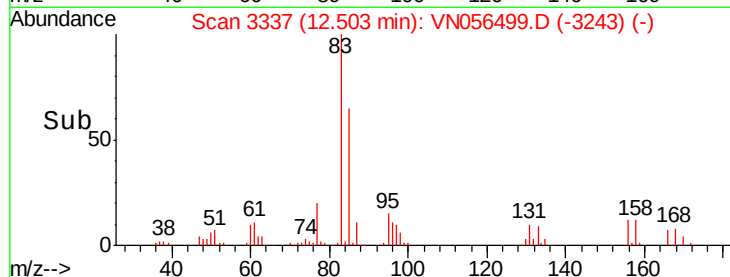
Abundance Ion 82.90 (82.60 to 83.60): VN056375.D (-3323) (-)

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

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



Time-->



#76

1,2,3-Trichloropropane

Concen: 33.274 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN056499.D

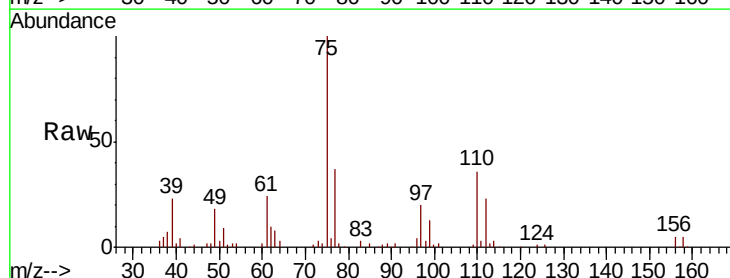
Acq: 26 Jun 2019 12:27

Tgt Ion: 75 Resp: 114150

Ion Ratio Lower Upper

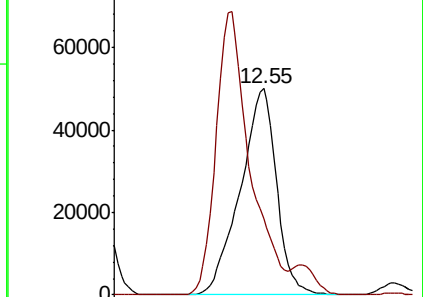
75 100

77 0.0 0.0 0.0

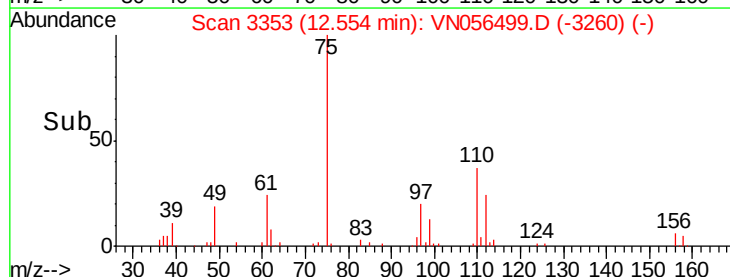


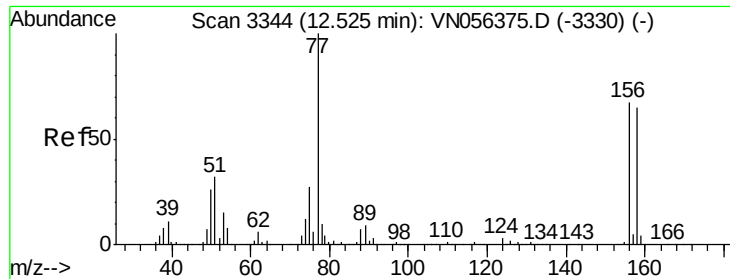
Abundance Ion 74.90 (74.60 to 75.60): VN056375.D (-3348) (-)

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



Time-->





#77

Bromobenzene

Concen: 21.084 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN056499.D

Acq: 26 Jun 2019 12:27

Instrument :

MSVOA_N

ClientSampled :

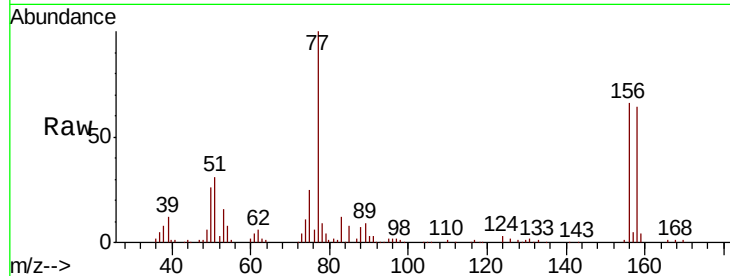
Tot Ion:156 Resp: 77999

Ion Ratio Lower Upper

156 100

77 187.9 92.5 277.3

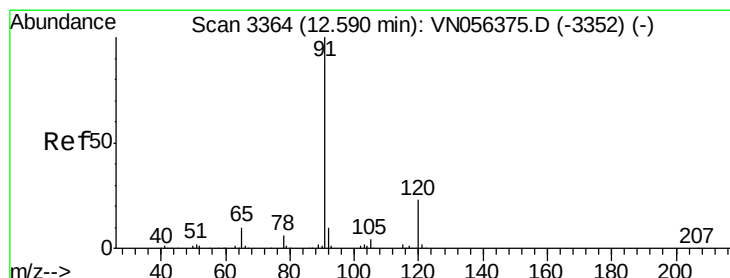
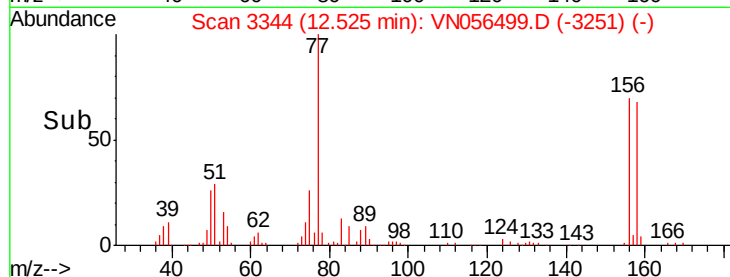
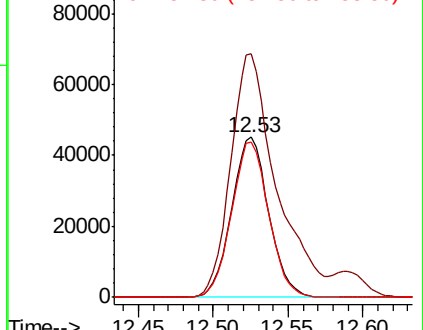
158 96.9 48.7 146.1



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: 20.373 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN056499.D

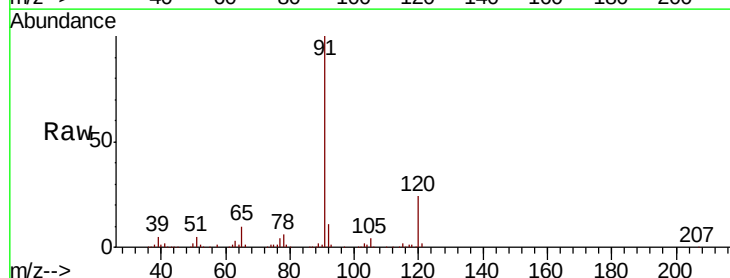
Acq: 26 Jun 2019 12:27

Tgt Ion: 91 Resp: 308670

Ion Ratio Lower Upper

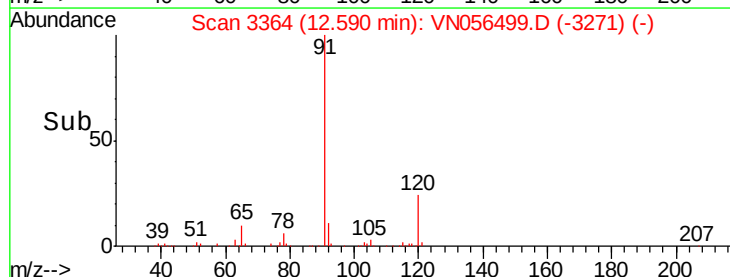
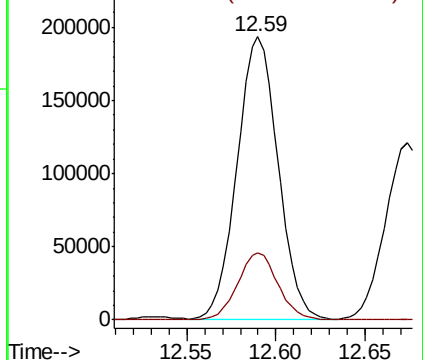
91 100

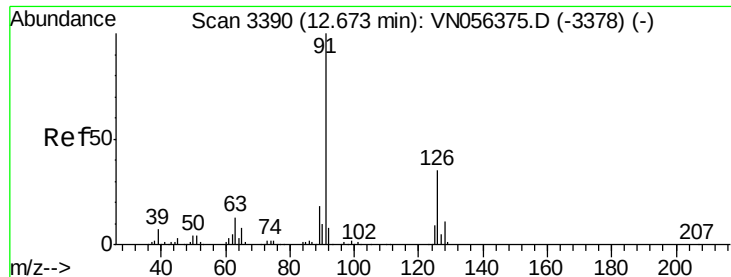
120 23.4 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 22.685 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN056499.D

Acq: 26 Jun 2019 12:27

Instrument :

MSVOA_N

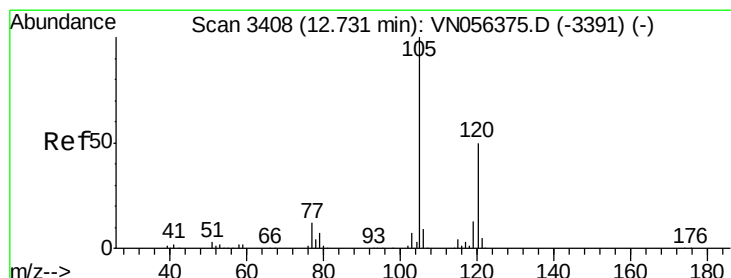
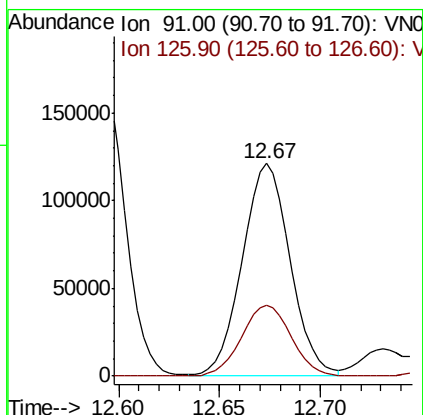
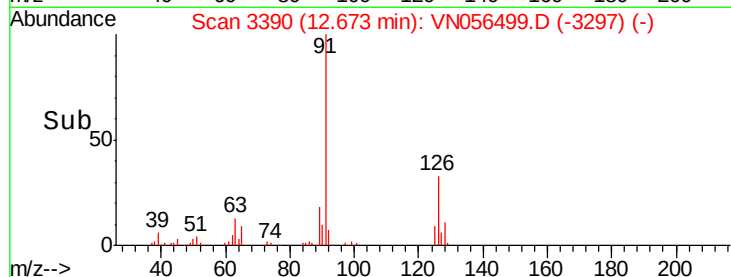
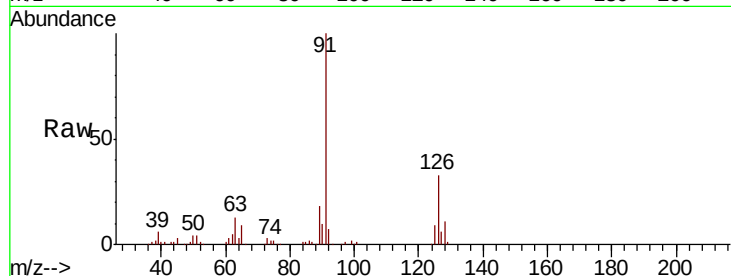
ClientSampled :

Tot Ion: 91 Resp: 199949

Ion Ratio Lower Upper

91 100

126 35.0 17.6 52.8



#80

1,3,5-Trimethylbenzene

Concen: 22.403 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN056499.D

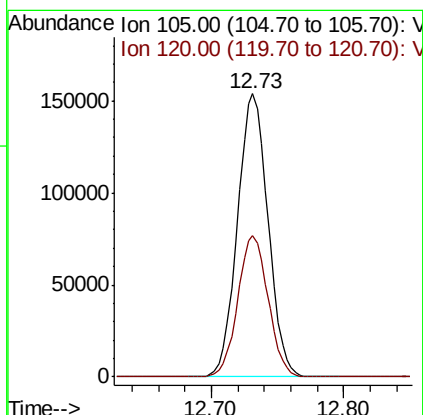
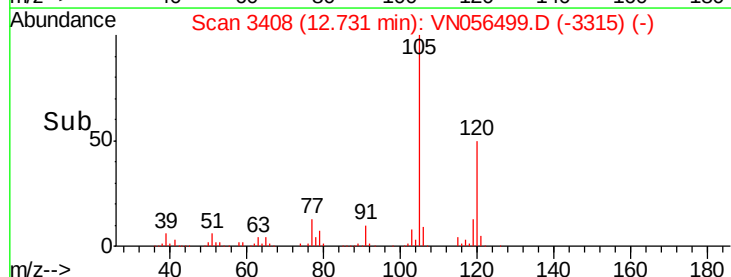
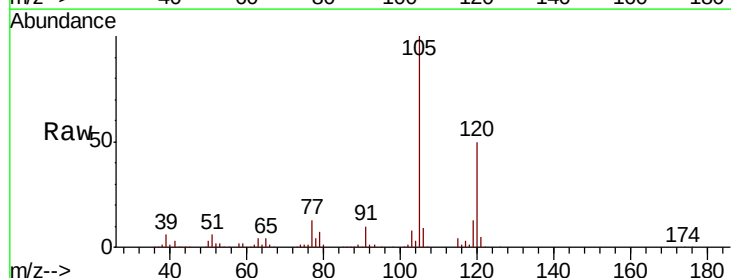
Acq: 26 Jun 2019 12:27

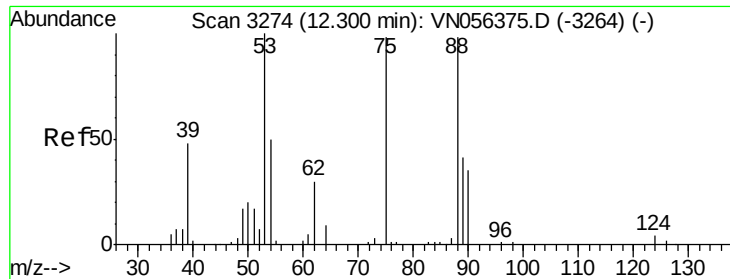
Tgt Ion: 105 Resp: 246253

Ion Ratio Lower Upper

105 100

120 49.5 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 22.723 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. -0.00 min

Lab File: VN056499.D

Acq: 26 Jun 2019 12:27

Instrument :

MSVOA_N

ClientSampleId :

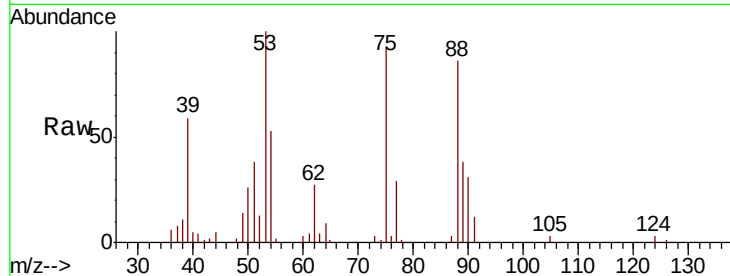
Tot Ion: 75 Resp: 21933

Ion Ratio Lower Upper

75 100

53 107.9 83.9 125.9

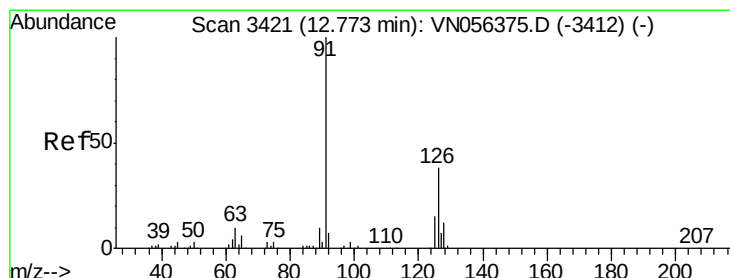
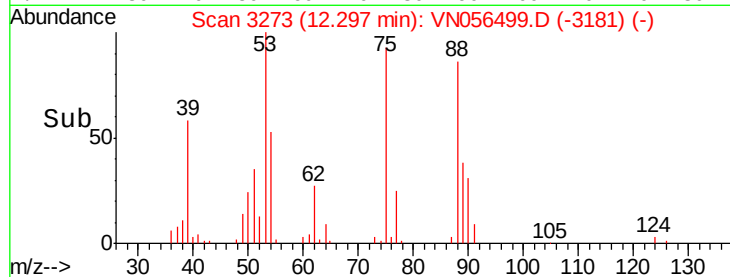
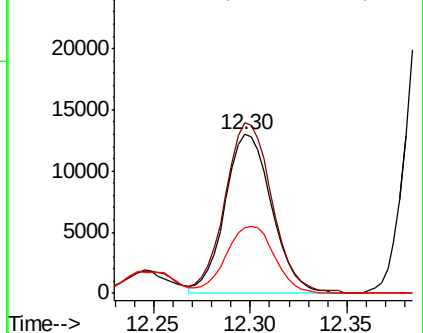
89 43.6 35.0 52.6



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: 19.776 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN056499.D

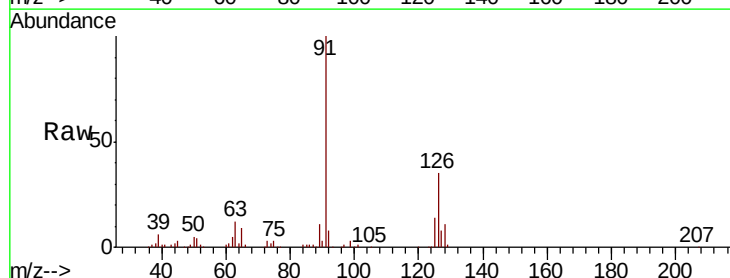
Acq: 26 Jun 2019 12:27

Tgt Ion: 91 Resp: 176910

Ion Ratio Lower Upper

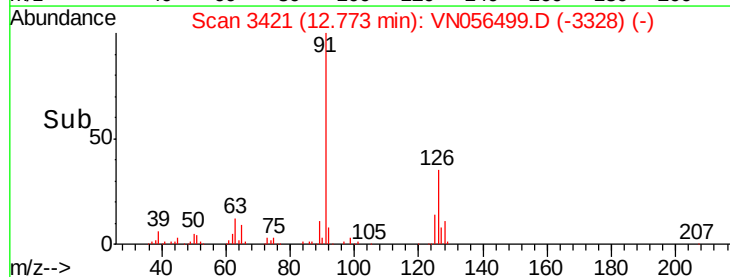
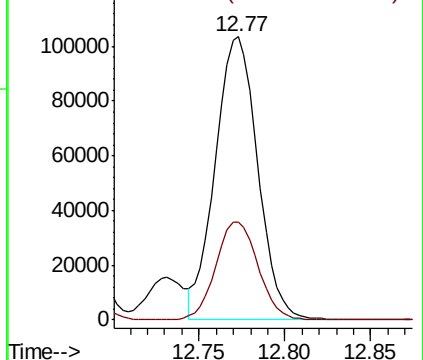
91 100

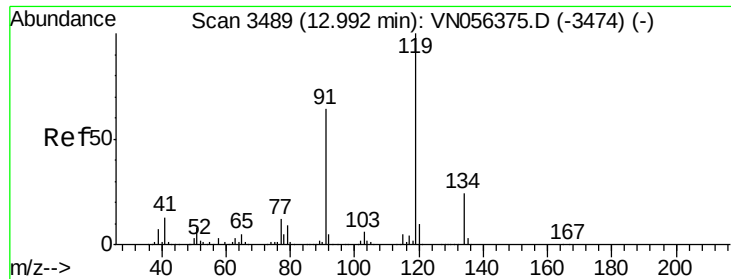
126 34.8 17.3 52.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

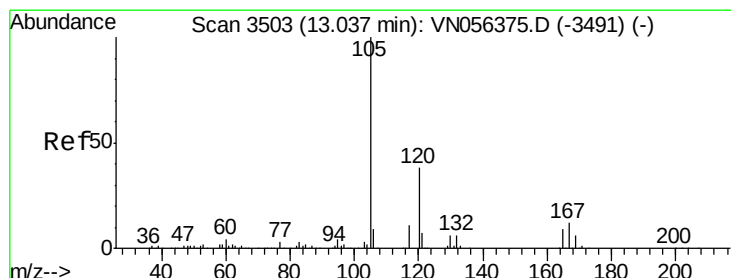
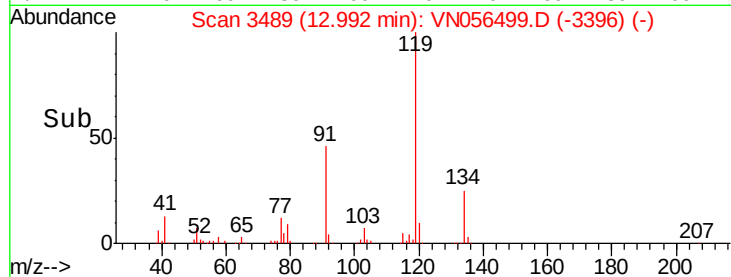
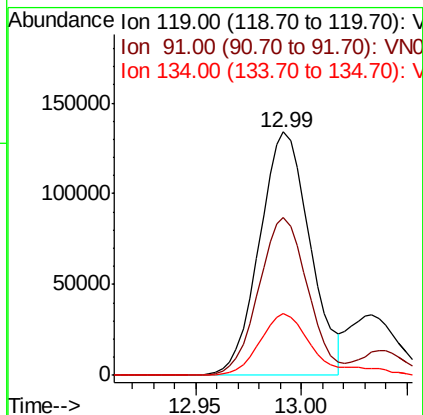
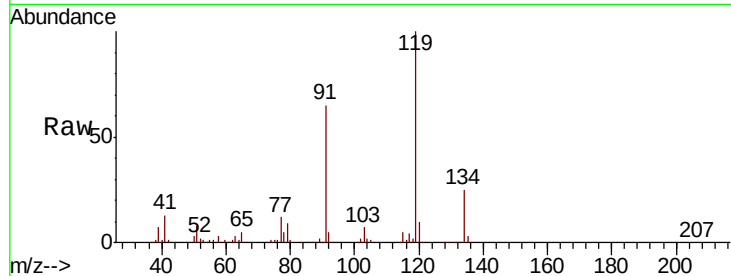




#83
 tert-Butylbenzene
 Concen: 23.127 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN056499.D
 Acq: 26 Jun 2019 12:27

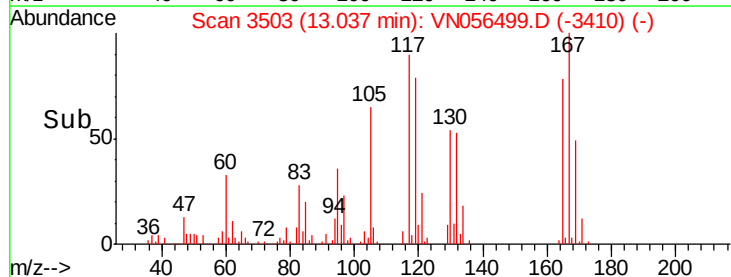
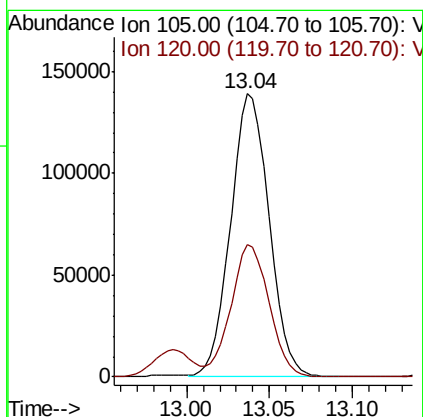
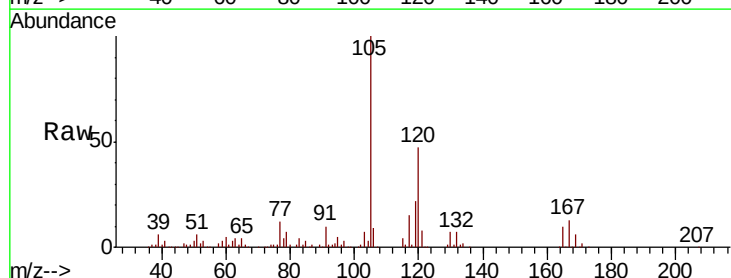
Instrument :
 MSVOA_N
 ClientSampleId :

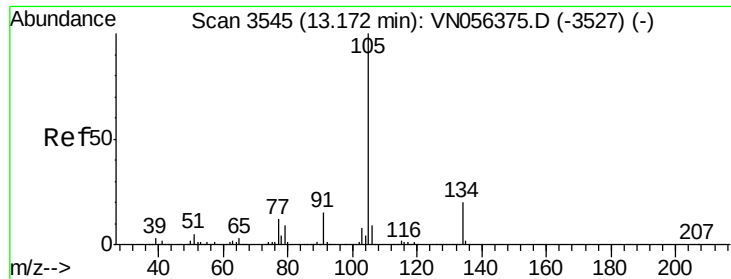
Tot Ion:119 Resp: 223287
 Ion Ratio Lower Upper
 119 100
 91 63.3 31.6 94.7
 134 27.2 13.2 39.5



#84
 1,2,4-Trimethylbenzene
 Concen: 20.096 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. 0.00 min
 Lab File: VN056499.D
 Acq: 26 Jun 2019 12:27

Tgt Ion:105 Resp: 223830
 Ion Ratio Lower Upper
 105 100
 120 46.5 22.9 68.8





#85

sec-Butylbenzene

Concen: 20.892 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN056499.D

Acq: 26 Jun 2019 12:27

Instrument :

MSVOA_N

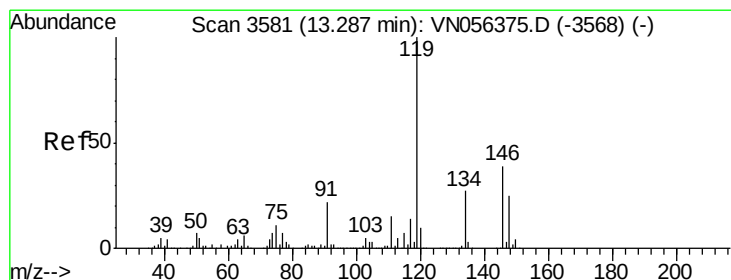
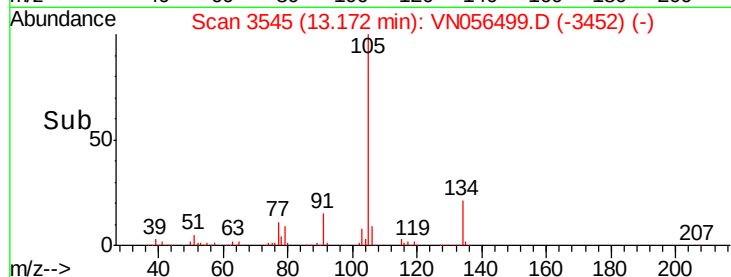
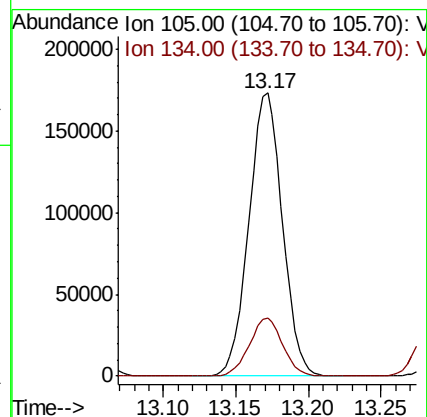
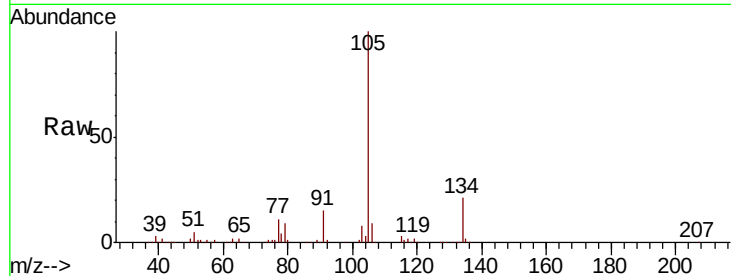
ClientSampleId :

Tot Ion:105 Resp: 278221

Ion Ratio Lower Upper

105 100

134 20.5 10.2 30.4



#86

p-Isopropyltoluene

Concen: 19.835 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN056499.D

Acq: 26 Jun 2019 12:27

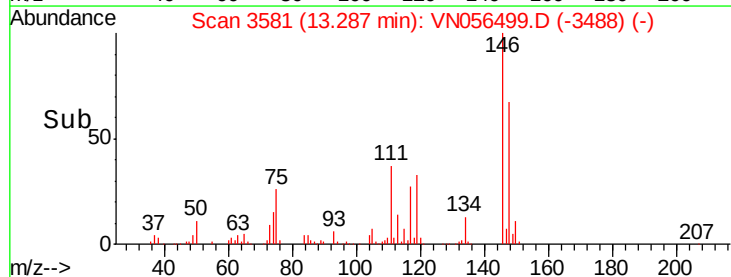
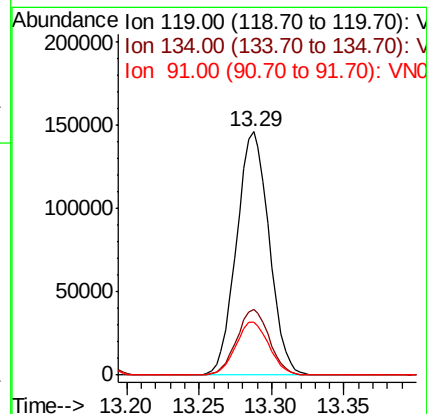
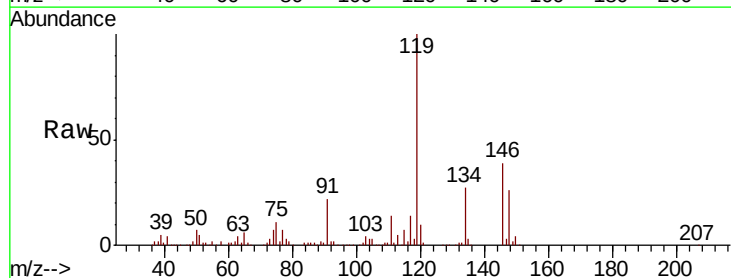
Tgt Ion:119 Resp: 226689

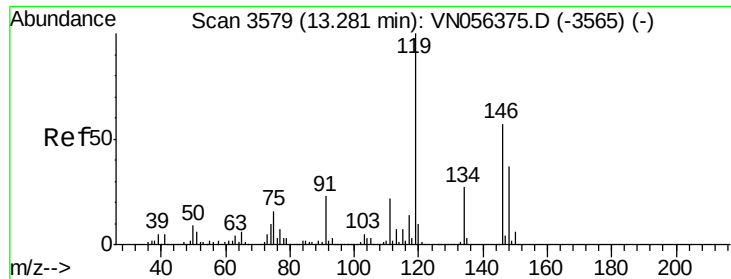
Ion Ratio Lower Upper

119 100

134 27.1 13.5 40.4

91 22.4 11.2 33.5

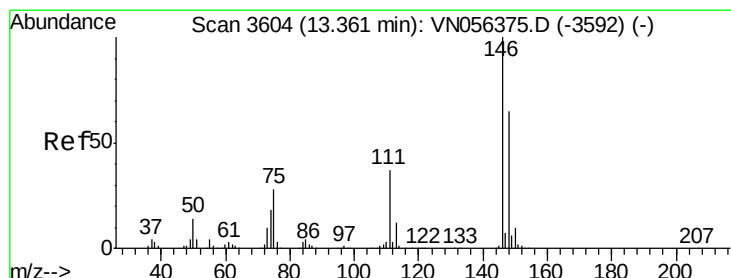
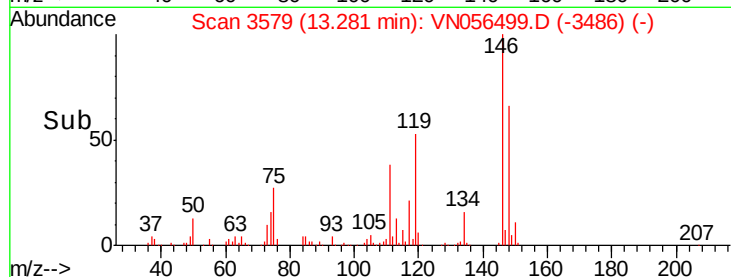
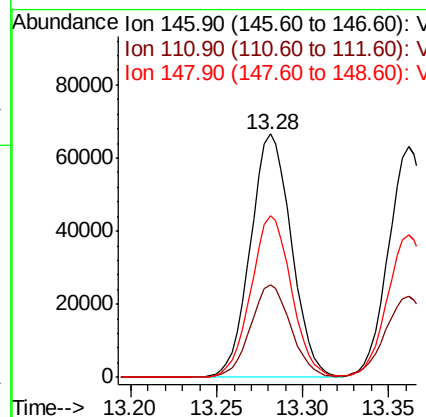
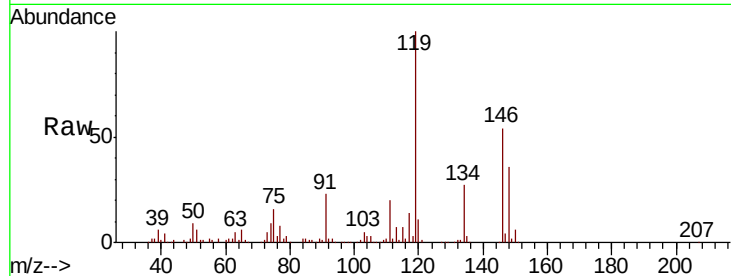




#87
 1,3-Dichlorobenzene
 Concen: 19.646 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN056499.D
 Acq: 26 Jun 2019 12:27

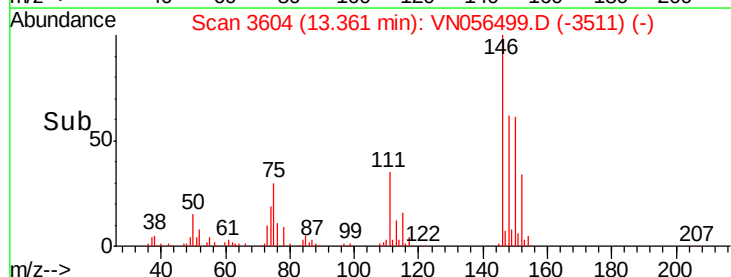
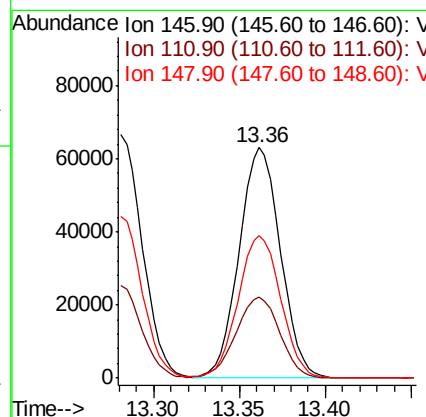
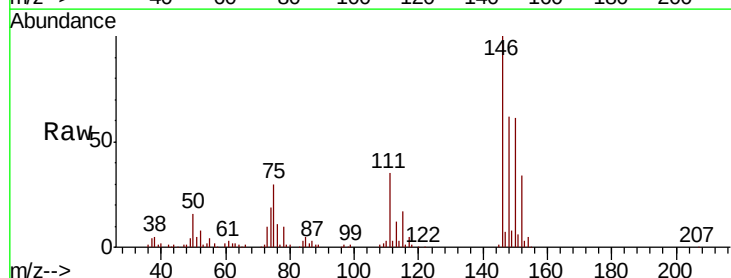
Instrument :
 MSVOA_N
 ClientSampled :

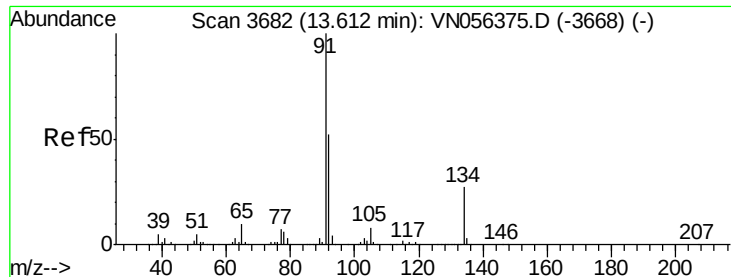
Tot Ion:146 Resp: 110139
 Ion Ratio Lower Upper
 146 100
 111 37.3 18.9 56.9
 148 65.6 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 19.392 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN056499.D
 Acq: 26 Jun 2019 12:27

Tgt Ion:146 Resp: 105290
 Ion Ratio Lower Upper
 146 100
 111 37.5 18.4 55.4
 148 63.7 32.4 97.0

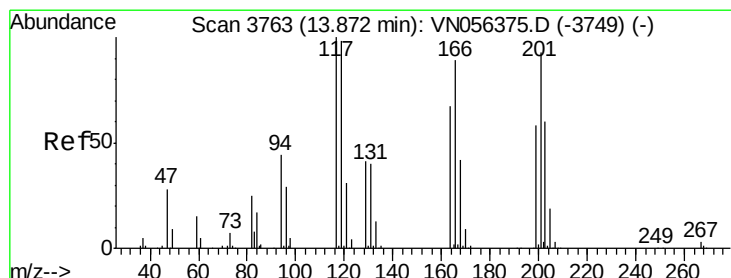
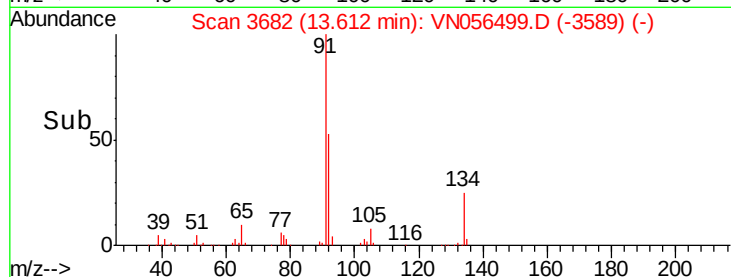
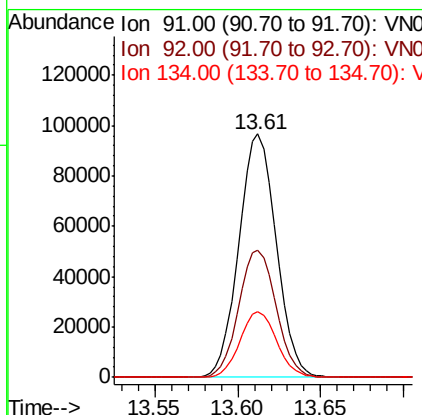
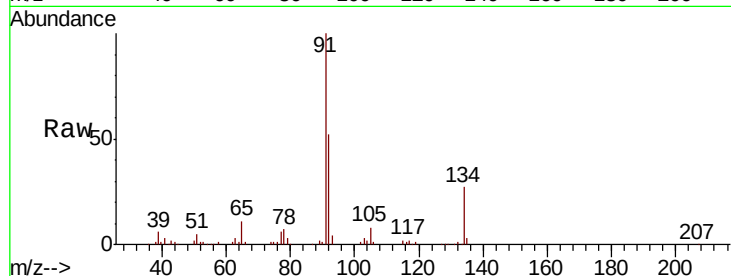




#89
n-Butylbenzene
Concen: 17.557 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN056499.D
Acq: 26 Jun 2019 12:27

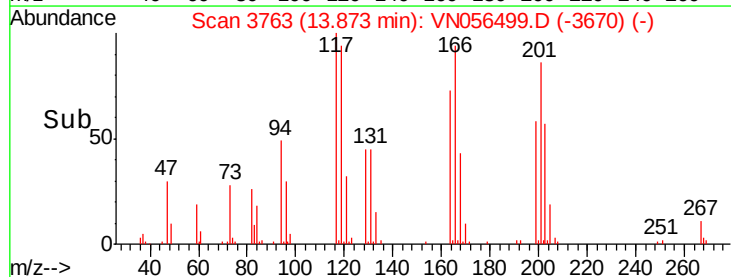
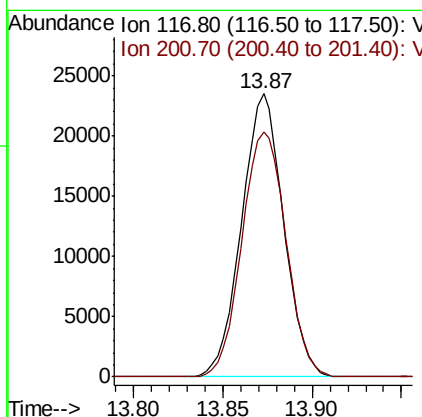
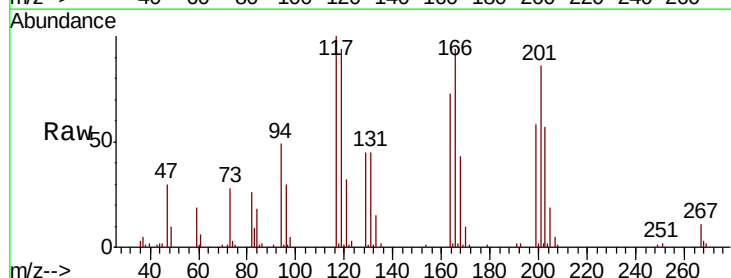
Instrument :
MSVOA_N
ClientSampleId :

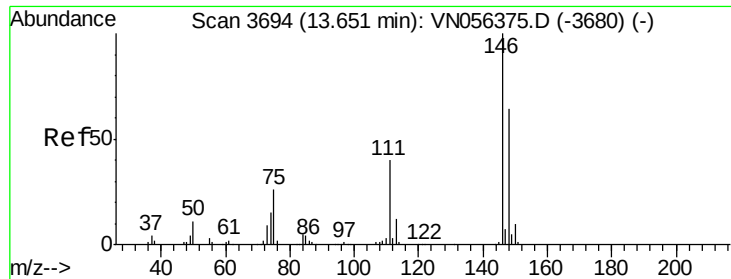
Tot Ion: 91 Resp: 151895
Ion Ratio Lower Upper
91 100
92 52.2 26.2 78.5
134 26.5 13.4 40.2



#90
Hexachloroethane
Concen: 21.763 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN056499.D
Acq: 26 Jun 2019 12:27

Tgt Ion: 117 Resp: 38777
Ion Ratio Lower Upper
117 100
201 90.5 45.9 137.6

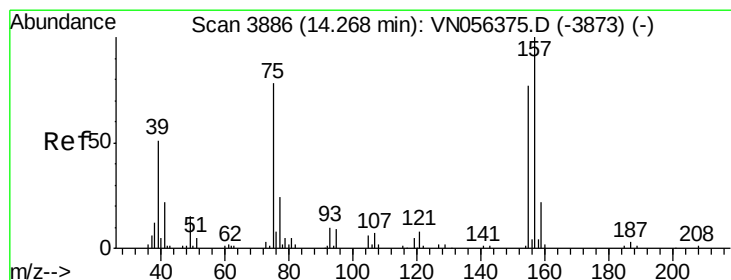
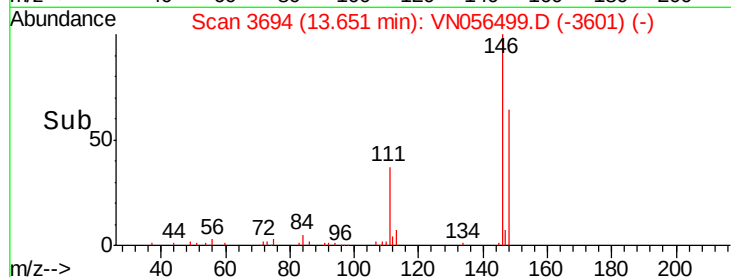
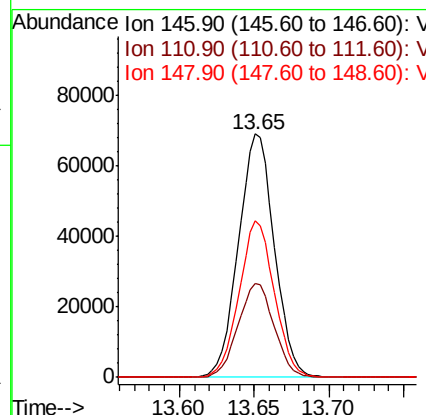
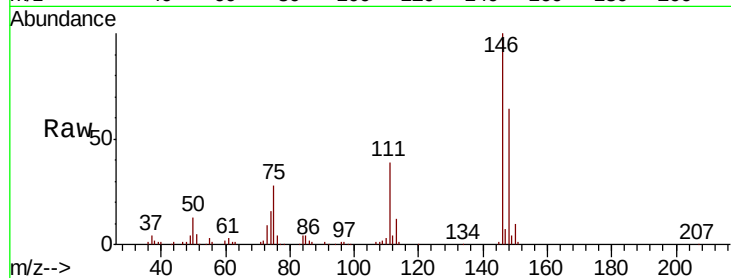




#91
 1,2-Dichlorobenzene
 Concen: 20.694 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN056499.D
 Acq: 26 Jun 2019 12:27

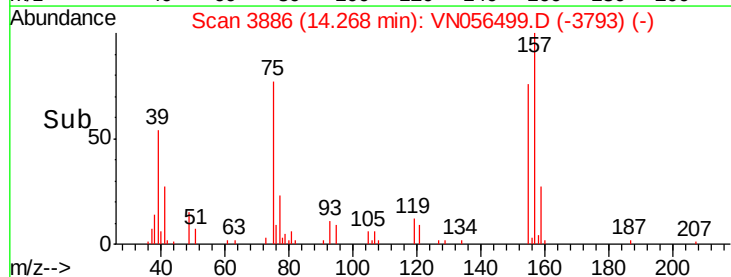
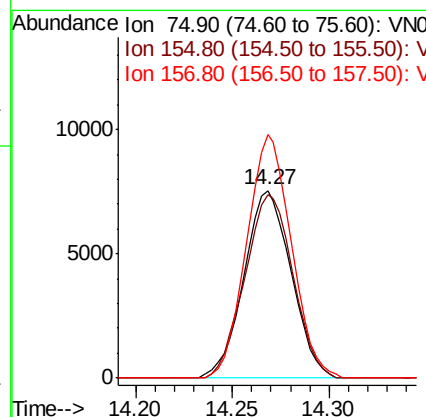
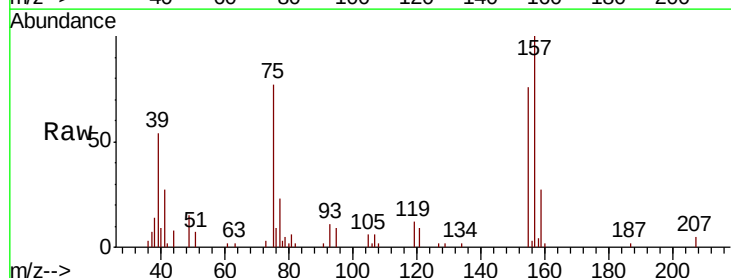
Instrument :
 MSVOA_N
 ClientSampled :

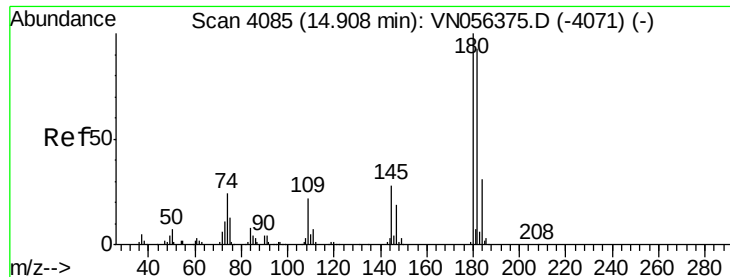
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.3	57.9
148	63.0	32.0	96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.911 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN056499.D
 Acq: 26 Jun 2019 12:27

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.8	48.9	146.8
157	122.9	62.9	188.8

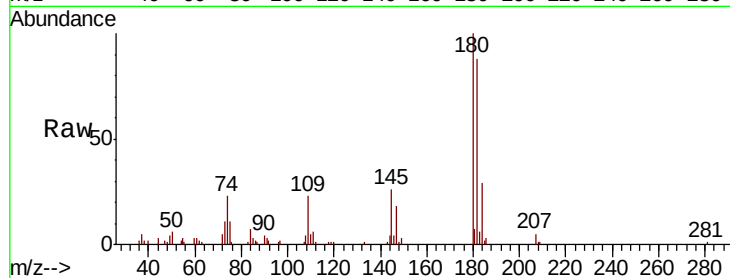




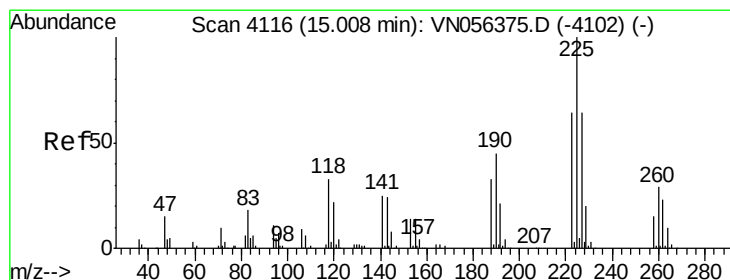
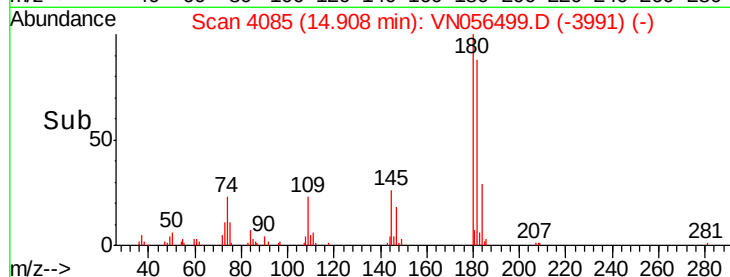
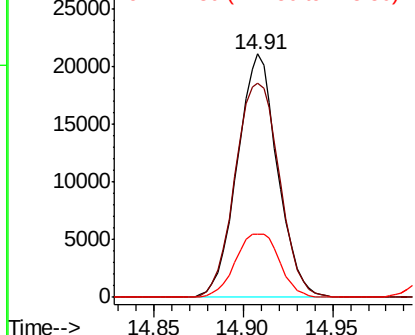
#93
 1,2,4-Trichlorobenzene
 Concen: 15.805 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056499.D
 Acq: 26 Jun 2019 12:27

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:180 Resp: 33252
 Ion Ratio Lower Upper
 180 100
 182 97.1 46.9 140.6
 145 28.7 14.4 43.0

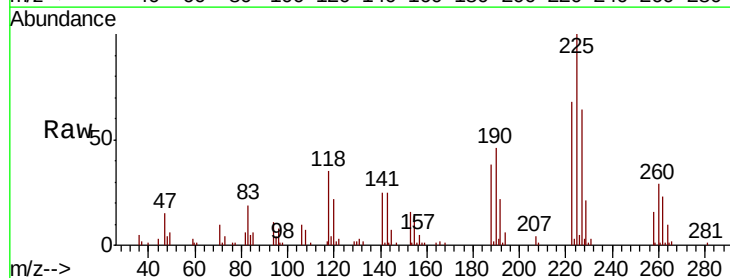


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

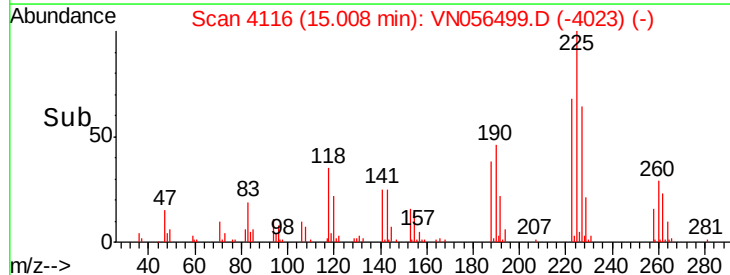
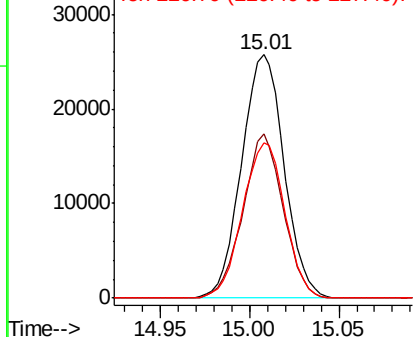


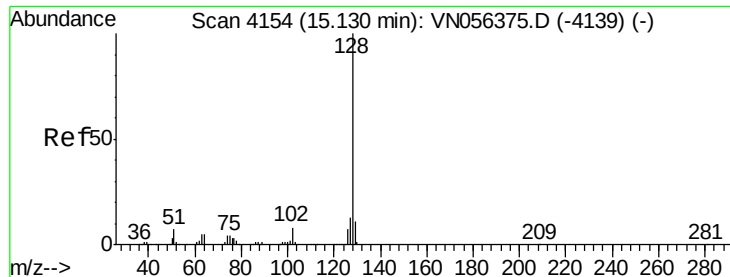
#94
 Hexachlorobutadiene
 Concen: 21.647 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN056499.D
 Acq: 26 Jun 2019 12:27

Tgt Ion:225 Resp: 42812
 Ion Ratio Lower Upper
 225 100
 223 63.7 31.4 94.3
 227 63.5 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: 16.375 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN056499.D

Acq: 26 Jun 2019 12:27

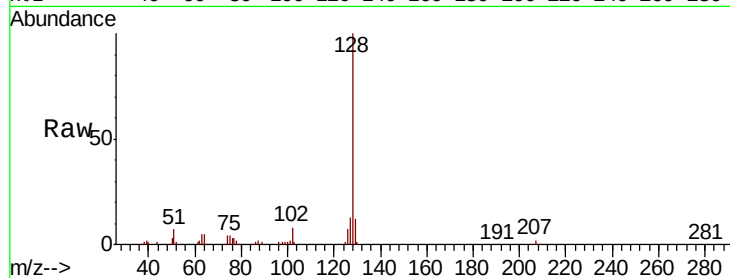
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:128 Resp: 94137

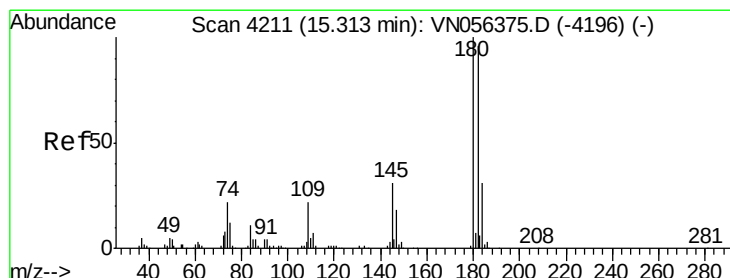
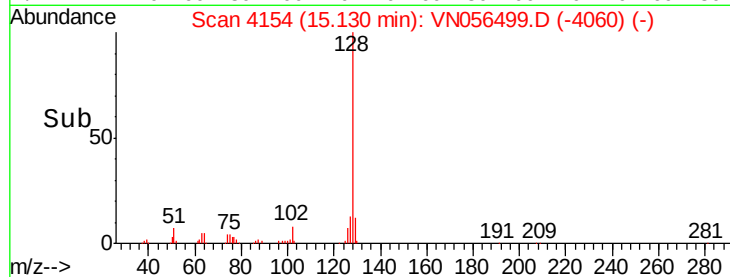
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.2
129	11.2	8.6	12.8



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: 16.700 ug/l

RT: 15.31 min Scan# 4211

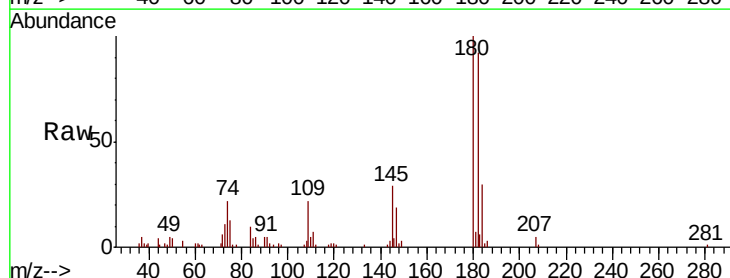
Delta R.T. 0.00 min

Lab File: VN056499.D

Acq: 26 Jun 2019 12:27

Tgt Ion:180 Resp: 40283

Ion	Ratio	Lower	Upper
180	100		
182	95.5	48.3	144.8
145	30.0	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

