

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062419\
 Data File : VN056456.D
 Acq On : 24 Jun 2019 15:22
 Operator : JC/SP
 Sample : VN0624MBS01
 Misc : 5.00µl/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624MBS01

Quant Time: Jun 25 01:21:01 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	371064	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	571887	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	496694	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	188013	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	217403	52.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.72%	
35) Dibromofluoromethane	7.59	113	189058	52.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.98%	
50) Toluene-d8	10.09	98	716119	51.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.18%	
62) 4-Bromofluorobenzene	12.40	95	233580	50.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.94%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.85	85	61527	19.582	ug/l 98
3) Chloromethane	2.06	50	76910	17.977	ug/l 100
4) Vinyl Chloride	2.18	62	79878	19.331	ug/l 97
5) Bromomethane	2.53	94	44259	18.271	ug/l 98
6) Chloroethane	2.68	64	45013	18.811	ug/l 98
7) Trichlorofluoromethane	3.00	101	103844	19.428	ug/l 100
8) Diethyl Ether	3.41	74	44245	19.559	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	3.75	101	68619	20.131	ug/l 98
10) Methyl Iodide	3.95	142	86103	18.690	ug/l 99
11) Tert butyl alcohol	4.80	59	62176	89.765	ug/l 99
12) 1,1-Dichloroethene	3.73	96	63067	19.240	ug/l 99
13) Acrolein	3.60	56	45994	78.786	ug/l 98
14) Allyl chloride	4.32	41	106224	19.467	ug/l 99
15) Acrylonitrile	4.99	53	184916	96.500	ug/l 99
16) Acetone	3.82	43	188161	91.321	ug/l 100
17) Carbon Disulfide	4.05	76	121569	16.306	ug/l 99
18) Methyl Acetate	4.33	43	85643	20.714	ug/l 99
19) Methyl tert-butyl Ether	5.05	73	216486	19.959	ug/l 100
20) Methylene Chloride	4.55	84	76582	19.167	ug/l 97
21) trans-1,2-Dichloroethene	5.04	96	67724	19.163	ug/l 96
22) Diisopropyl ether	5.95	45	230637	20.126	ug/l 98
23) Vinyl Acetate	5.90	43	933121	103.239	ug/l 99
24) 1,1-Dichloroethane	5.85	63	131225	19.949	ug/l 99
25) 2-Butanone	6.84	43	260719	95.606	ug/l 99
26) 2,2-Dichloropropane	6.82	77	91222	19.939	ug/l 98
27) cis-1,2-Dichloroethene	6.83	96	81729	19.767	ug/l 100
28) Bromochloromethane	7.19	49	69991	21.511	ug/l 98
29) Tetrahydrofuran	7.21	42	165354	99.223	ug/l 99
30) Chloroform	7.37	83	129338	19.926	ug/l 99
31) Cyclohexane	7.65	56	120619	18.993	ug/l 96
32) 1,1,1-Trichloroethane	7.57	97	103411	20.099	ug/l 99
36) 1,1-Dichloropropene	7.79	75	92928	18.461	ug/l 98
37) Ethyl Acetate	6.93	43	100823	20.382	ug/l 99
38) Carbon Tetrachloride	7.77	117	84225	19.134	ug/l 98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062419\
 Data File : VN056456.D
 Acq On : 24 Jun 2019 15:22
 Operator : JC/SP
 Sample : VN0624MBS01
 Misc : 5.00µl/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624MBS01

Quant Time: Jun 25 01:21:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 03:45:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	115254	18.556	ug/l	99
40) Benzene	8.04	78	297444	19.210	ug/l	98
41) Methacrylonitrile	7.17	41	48570	22.235	ug/l	86
42) 1,2-Dichloroethane	8.12	62	98706	19.317	ug/l	99
43) Isopropyl Acetate	8.17	43	160434	21.033	ug/l	99
44) Trichloroethene	8.83	130	80499	19.300	ug/l	100
45) 1,2-Dichloropropane	9.12	63	82627	19.954	ug/l	98
46) Dibromomethane	9.21	93	50488	19.488	ug/l	96
47) Bromodichloromethane	9.40	83	91915	20.005	ug/l	99
48) Methyl methacrylate	9.20	41	74496	19.489	ug/l	98
49) 1,4-Dioxane	9.21	88	26537	334.540	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	480839	97.667	ug/l	100
52) Toluene	10.16	92	184761	19.518	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	94353	19.503	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	109587	19.806	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	76777	20.178	ug/l	99
56) Ethyl methacrylate	10.43	69	110295	19.835	ug/l	99
57) 1,3-Dichloropropane	10.71	76	125760	19.674	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	178092	89.148	ug/l	100
59) 2-Hexanone	10.75	43	345801	95.567	ug/l	100
60) Dibromochloromethane	10.90	129	68396	19.037	ug/l	98
61) 1,2-Dibromoethane	11.00	107	76111	19.585	ug/l	98
64) Tetrachloroethene	10.63	164	79733	20.271	ug/l	98
65) Chlorobenzene	11.43	112	195577	19.596	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	70547	20.914	ug/l	98
67) Ethyl Benzene	11.51	91	344827	19.677	ug/l	100
68) m/p-Xylenes	11.62	106	253409	39.458	ug/l	100
69) o-Xylene	11.95	106	125786	19.797	ug/l	99
70) Styrene	11.96	104	202593	19.948	ug/l	99
71) Bromoform	12.13	173	45074	18.666	ug/l #	100
73) Isopropylbenzene	12.25	105	337902	22.447	ug/l	100
74) N-amyl acetate	12.07	43	122455	20.465	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	104864	22.282	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	116696	29.934	ug/l #	100
77) Bromobenzene	12.53	156	90550	21.539	ug/l	93
78) n-propylbenzene	12.59	91	350232	20.342	ug/l	100
79) 2-Chlorotoluene	12.67	91	219889	21.867	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	273954	21.882	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	22454	20.471	ug/l	98
82) 4-Chlorotoluene	12.77	91	201246	19.796	ug/l	100
83) tert-Butylbenzene	12.99	119	241445	21.865	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	254240	20.087	ug/l	99
85) sec-Butylbenzene	13.17	105	312278	20.635	ug/l	100
86) p-Isopropyltoluene	13.29	119	263519	20.290	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	125499	19.699	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	117743	19.083	ug/l	98
89) n-Butylbenzene	13.61	91	184749	18.791	ug/l	100
90) Hexachloroethane	13.87	117	41274	20.384	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	127945	20.242	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	13622	19.581	ug/l	99

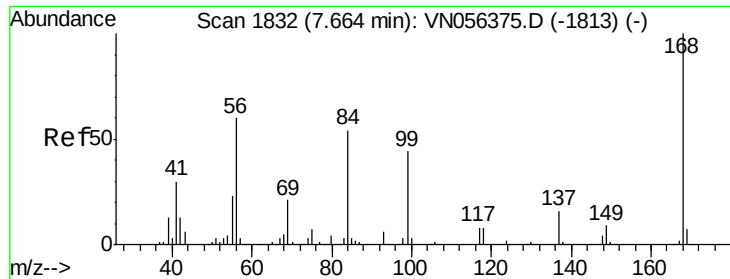
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN062419\
Data File : VN056456.D
Acq On : 24 Jun 2019 15:22
Operator : JC/SP
Sample : VN0624MBS01
Misc : 5.00µ/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0624MBS01

Quant Time: Jun 25 01:21:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 21 03:45:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	43541	17.356	ug/l	98
94) Hexachlorobutadiene	15.01	225	48480	21.564	ug/l	100
95) Naphthalene	15.13	128	124315	18.179	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	52551	18.508	ug/l	96

(#) = 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: VN056456.D

Acq: 24 Jun 2019 15:22

Instrument :

MSVOA_N

ClientSampleId :

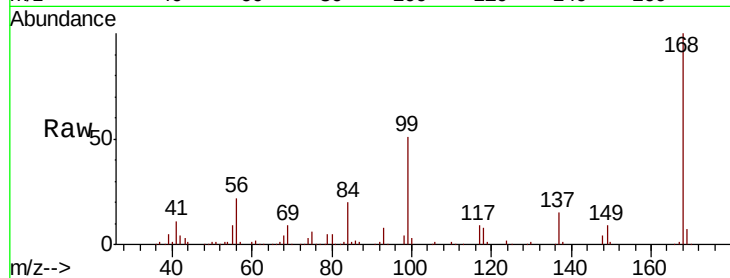
VN0624MBS01

Tot Ion:168 Resp: 371064

Ion Ratio Lower Upper

168 100

99 50.2 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

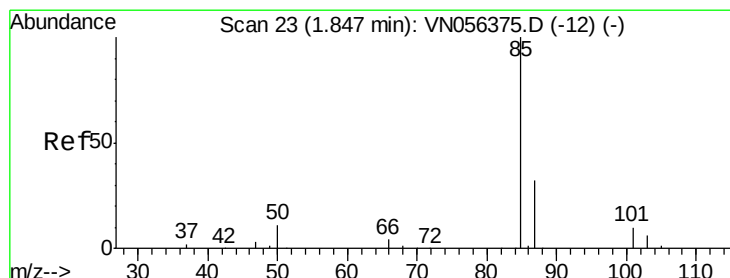
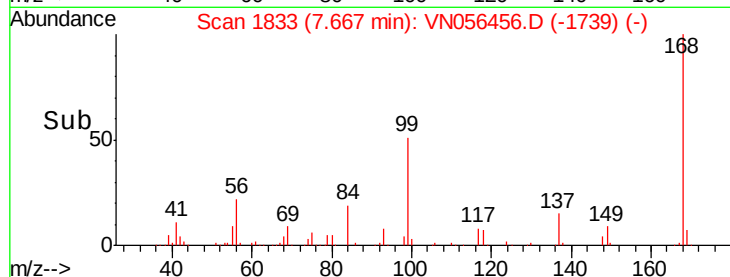
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.582 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN056456.D

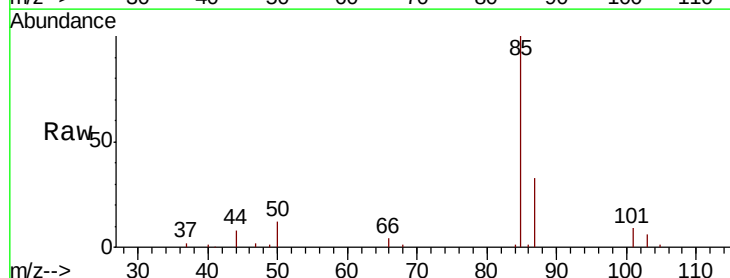
Acq: 24 Jun 2019 15:22

Tgt Ion: 85 Resp: 61527

Ion Ratio Lower Upper

85 100

87 33.2 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.85

40000

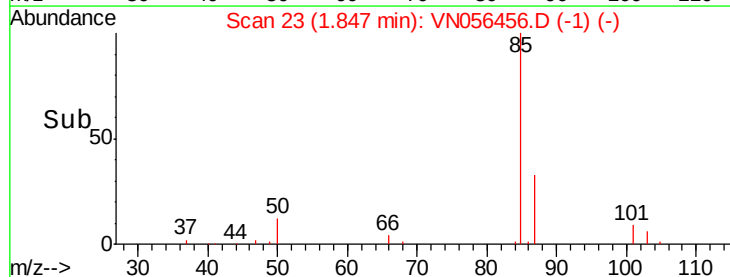
30000

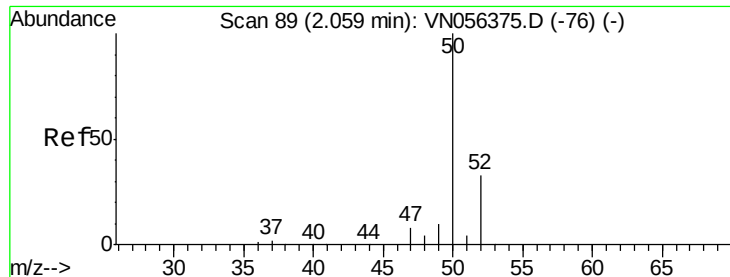
20000

10000

0

Time-->





#3

Chloromethane

Concen: 17.977 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN056456.D

Acq: 24 Jun 2019 15:22

Instrument :

MSVOA_N

ClientSampled :

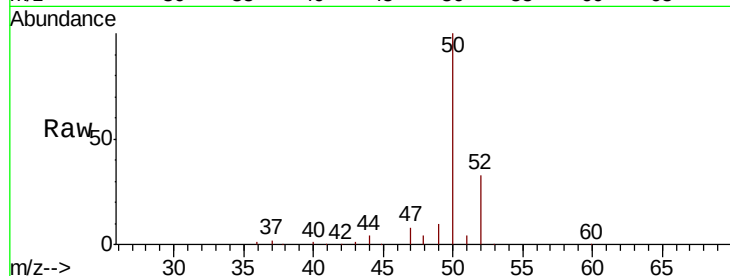
VN0624MBS01

Tot Ion: 50 Resp: 76910

Ion Ratio Lower Upper

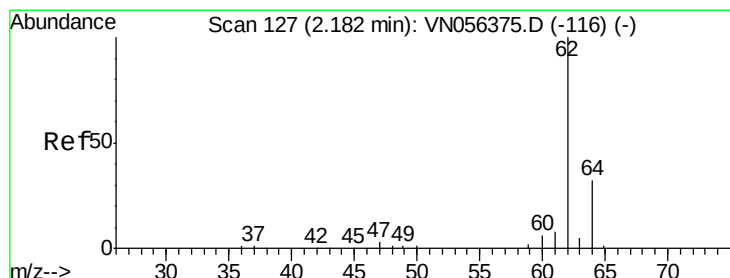
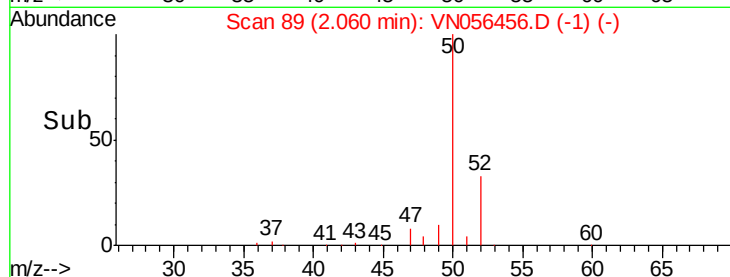
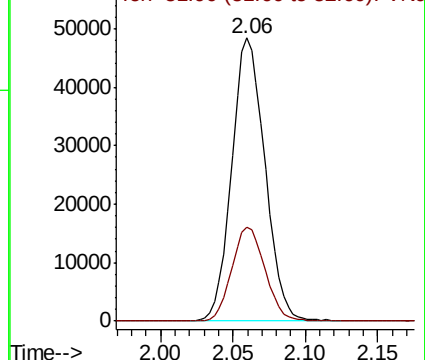
50 100

52 33.2 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 19.331 ug/l

RT: 2.18 min Scan# 128

Delta R.T. 0.00 min

Lab File: VN056456.D

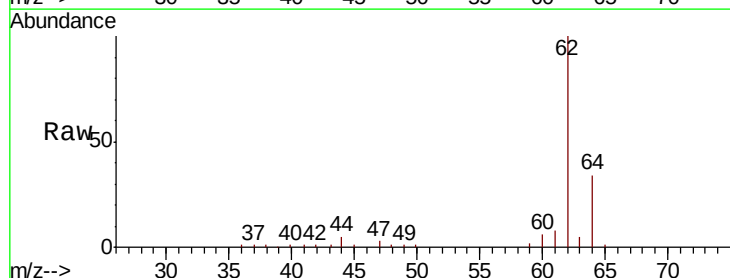
Acq: 24 Jun 2019 15:22

Tgt Ion: 62 Resp: 79878

Ion Ratio Lower Upper

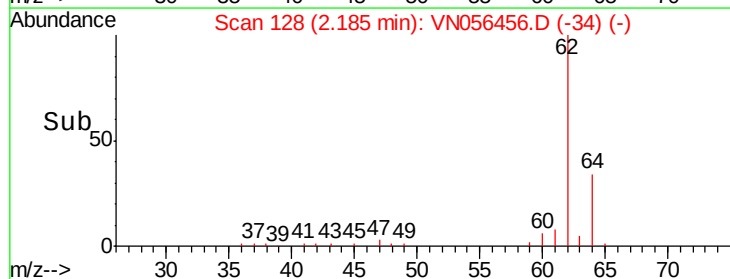
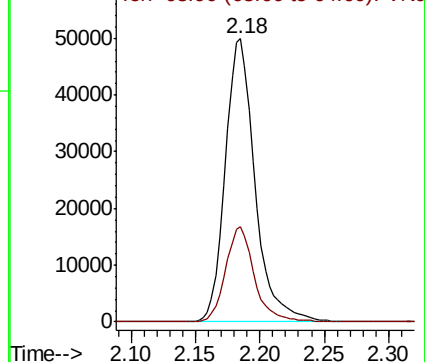
62 100

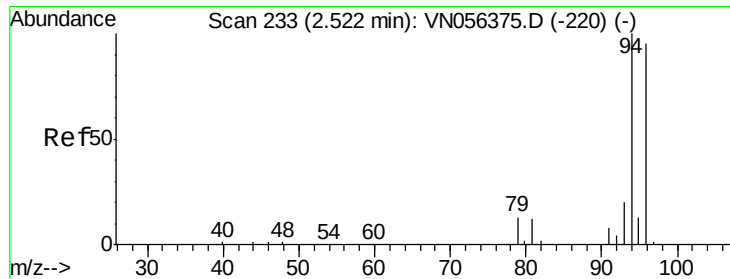
64 33.5 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

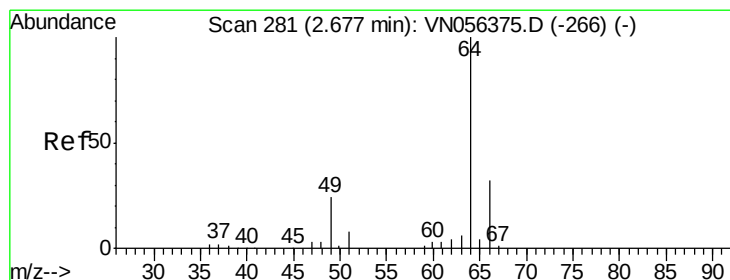
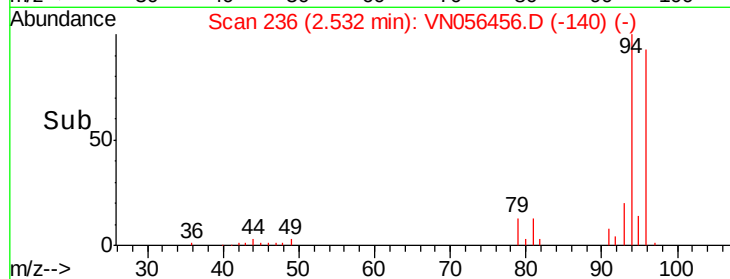
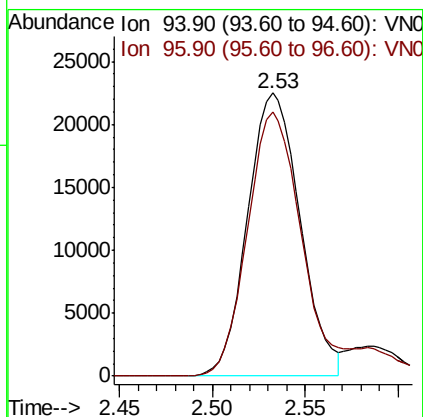
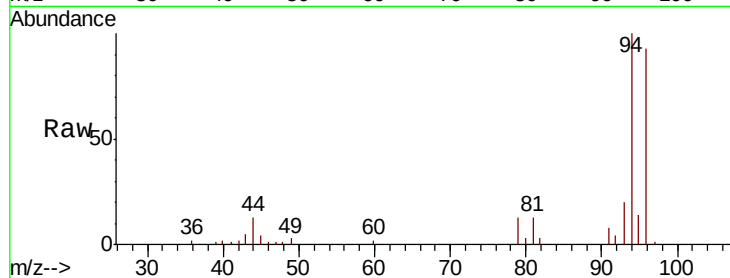




#5
Bromomethane
Concen: 18.271 ug/l
RT: 2.53 min Scan# 236
Delta R.T. 0.01 min
Lab File: VN056456.D
Acq: 24 Jun 2019 15:22

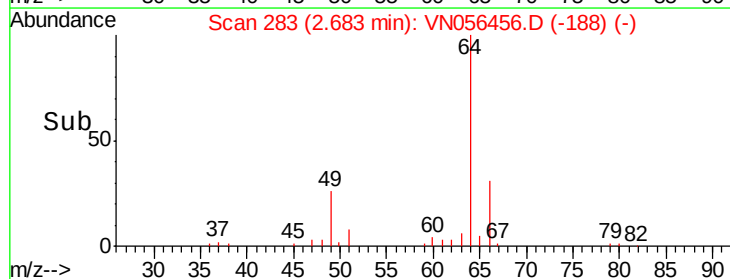
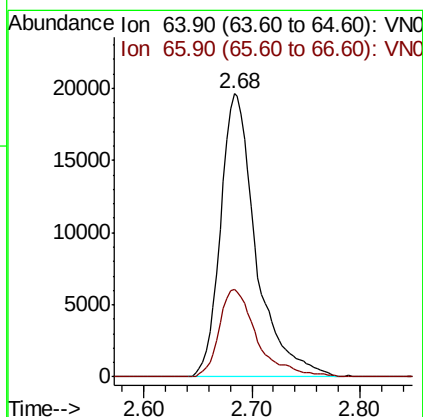
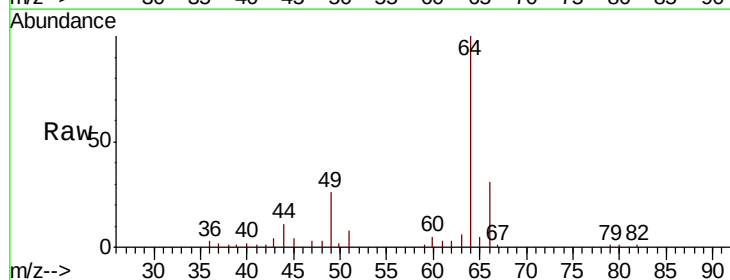
Instrument :
MSVOA_N
ClientSampleId :
VN0624MBS01

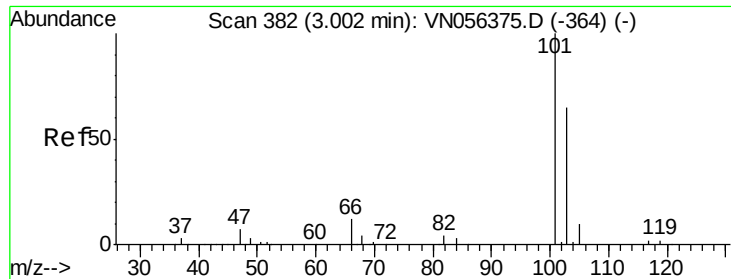
Tot Ion: 94 Resp: 44259
Ion Ratio Lower Upper
94 100
96 93.3 76.0 114.0



#6
Chloroethane
Concen: 18.811 ug/l
RT: 2.68 min Scan# 283
Delta R.T. 0.01 min
Lab File: VN056456.D
Acq: 24 Jun 2019 15:22

Tgt Ion: 64 Resp: 45013
Ion Ratio Lower Upper
64 100
66 30.9 25.8 38.8



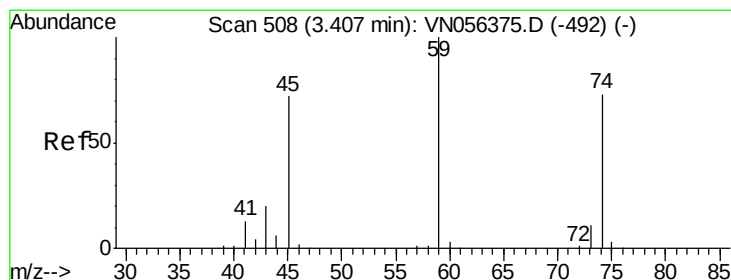
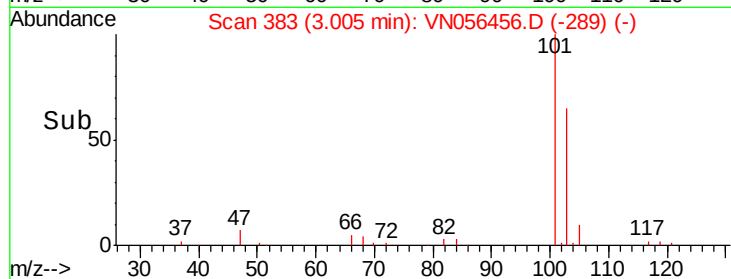
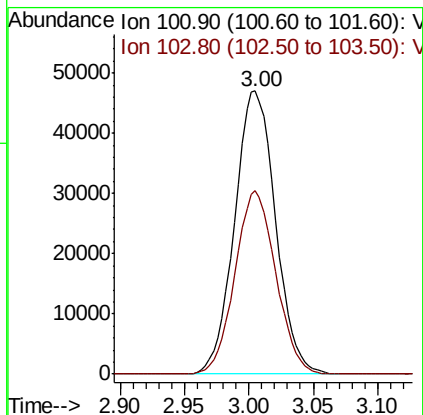
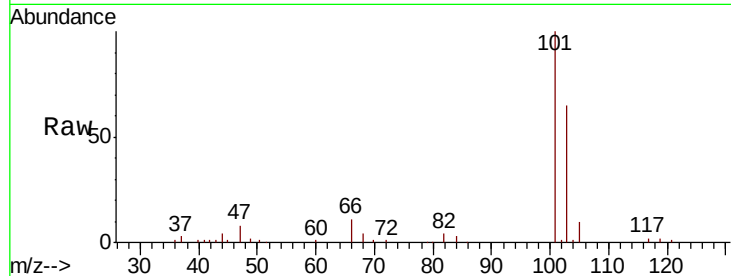


#7

Trichlorofluoromethane
 Concen: 19.428 ug/l
 RT: 3.00 min Scan# 383
 Delta R.T. 0.00 min
 Lab File: VN056456.D
 Acq: 24 Jun 2019 15:22

Instrument :
 MSVOA_N
 ClientSampled :
 VN0624MBS01

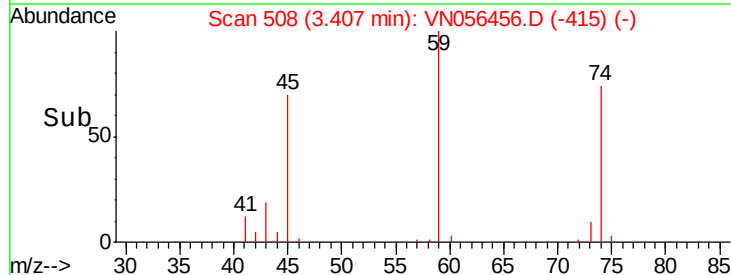
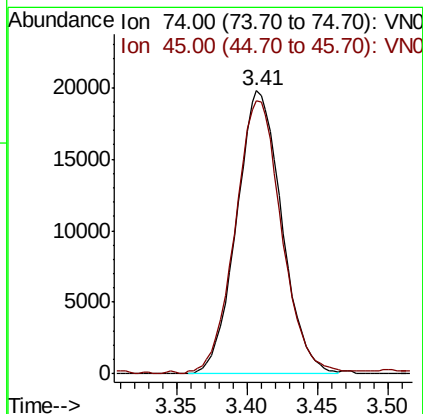
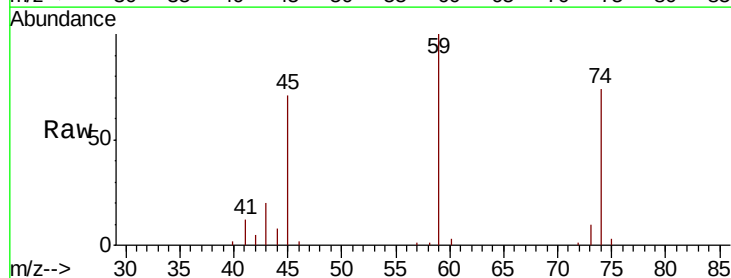
Tot Ion:101 Resp: 103844
 Ion Ratio Lower Upper
 101 100
 103 65.0 51.7 77.5

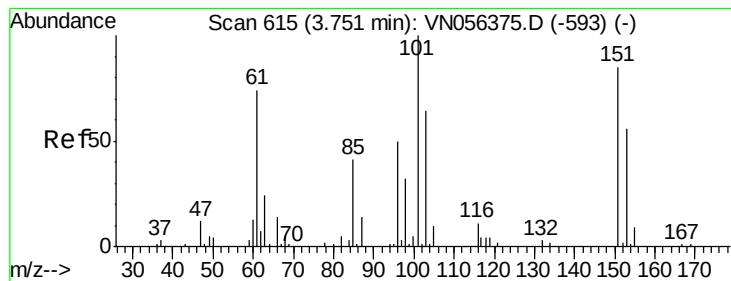


#8

Diethyl Ether
 Concen: 19.559 ug/l
 RT: 3.41 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: VN056456.D
 Acq: 24 Jun 2019 15:22

Tgt Ion: 74 Resp: 44245
 Ion Ratio Lower Upper
 74 100
 45 99.8 48.9 146.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.131 ug/l

RT: 3.75 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN056456.D

Acq: 24 Jun 2019 15:22

Instrument :

MSVOA_N

ClientSampleId :

VN0624MBS01

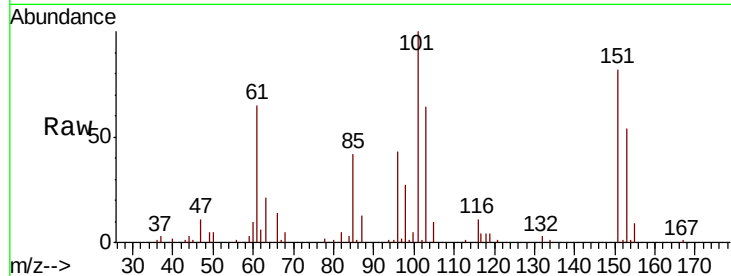
Tot Ion:101 Resp: 68619

Ion Ratio Lower Upper

101 100

85 41.6 32.7 49.1

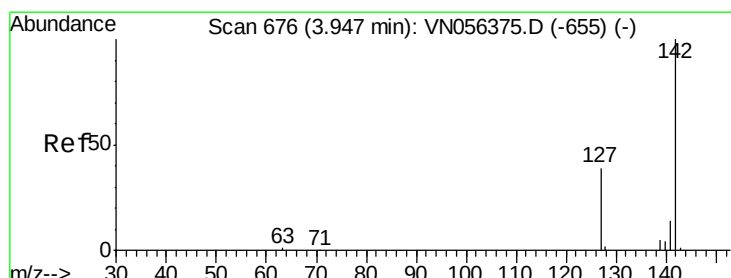
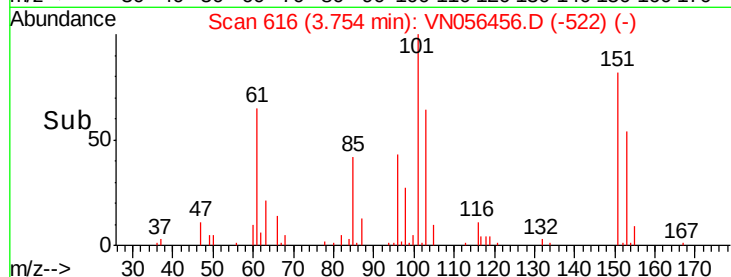
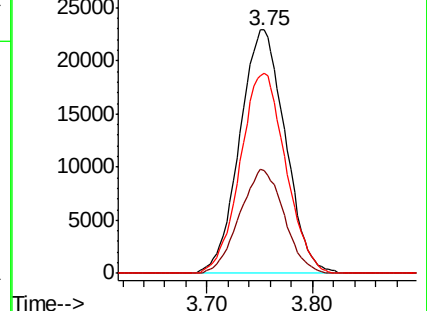
151 81.9 66.8 100.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.690 ug/l

RT: 3.95 min Scan# 677

Delta R.T. 0.00 min

Lab File: VN056456.D

Acq: 24 Jun 2019 15:22

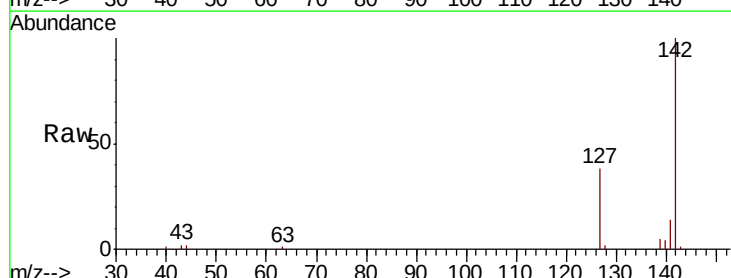
Tgt Ion:142 Resp: 86103

Ion Ratio Lower Upper

142 100

127 38.8 30.6 46.0

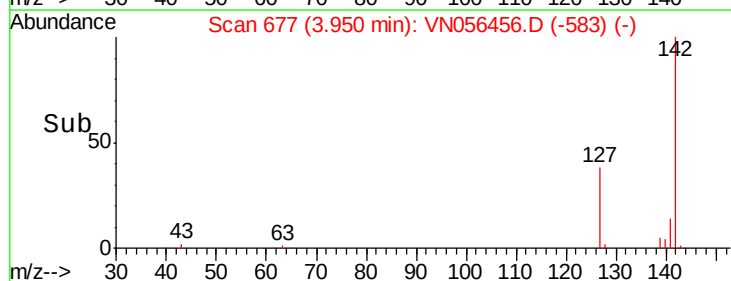
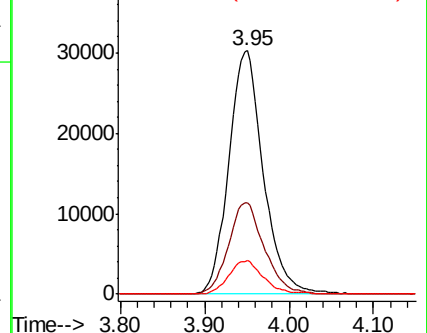
141 13.9 11.4 17.2

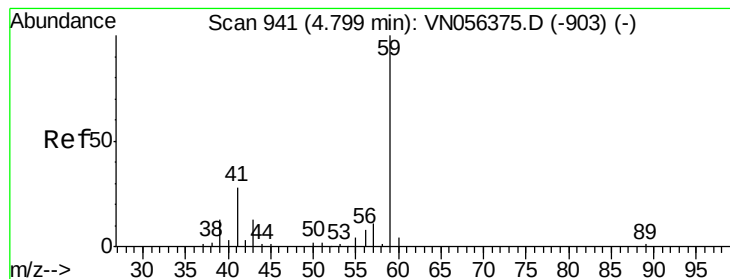


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



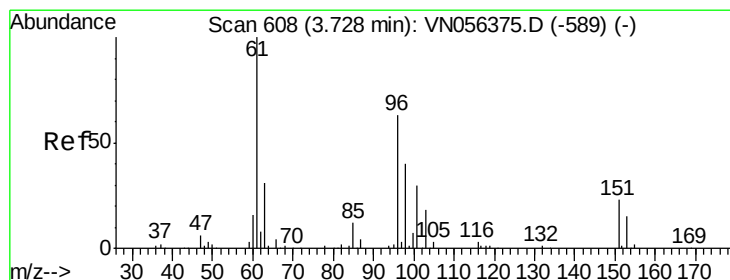
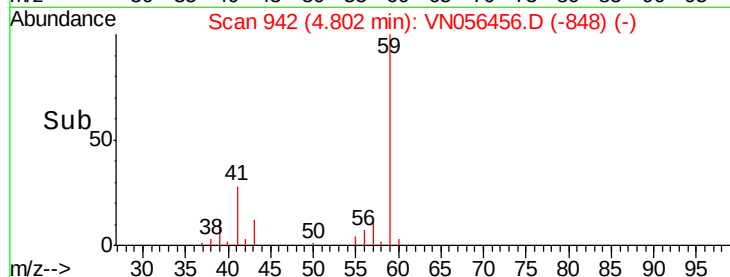
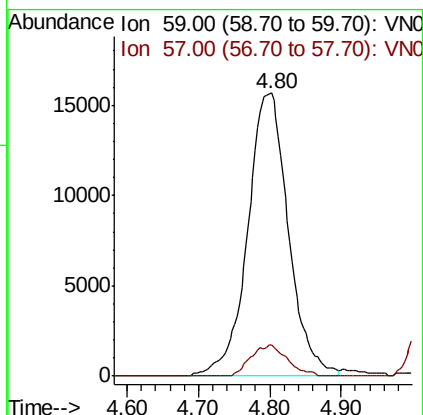
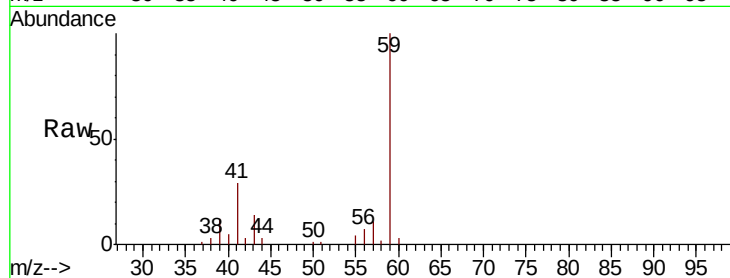


#11

Tert butyl alcohol
 Concen: 89.765 ug/l
 RT: 4.80 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VN056456.D
 Acq: 24 Jun 2019 15:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624MBS01

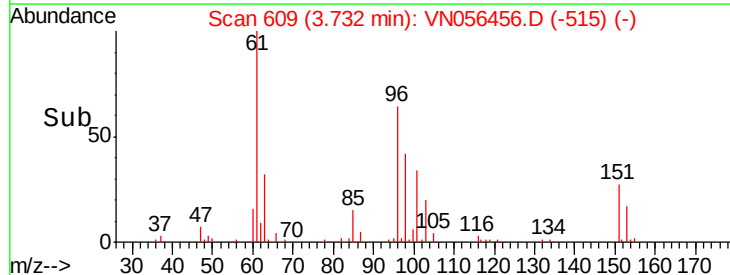
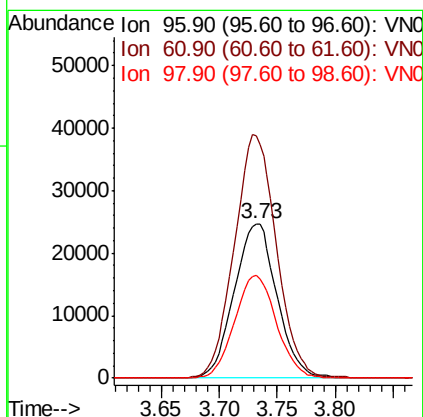
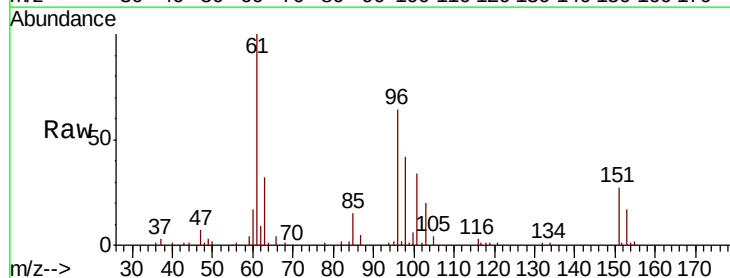
Tot Ion: 59 Resp: 62176
 Ion Ratio Lower Upper
 59 100
 57 9.9 7.6 11.4

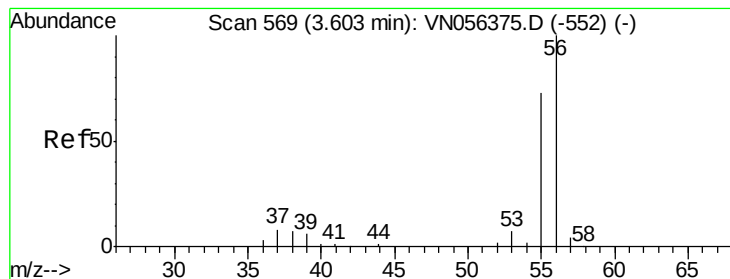


#12

1,1-Dichloroethene
 Concen: 19.240 ug/l
 RT: 3.73 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: VN056456.D
 Acq: 24 Jun 2019 15:22

Tgt Ion: 96 Resp: 63067
 Ion Ratio Lower Upper
 96 100
 61 157.5 126.6 190.0
 98 66.3 51.1 76.7





#13

Acrolein

Concen: 78.786 ug/l

RT: 3.60 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN056456.D

Acq: 24 Jun 2019 15:22

Instrument :

MSVOA_N

ClientSampleId :

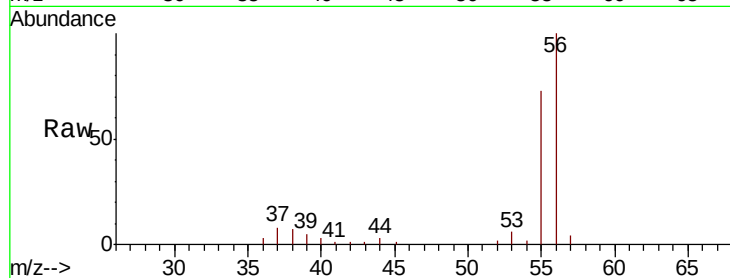
VN0624MBS01

Tot Ion: 56 Resp: 45994

Ion Ratio Lower Upper

56 100

55 69.8 57.1 85.7



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.60

20000

15000

10000

5000

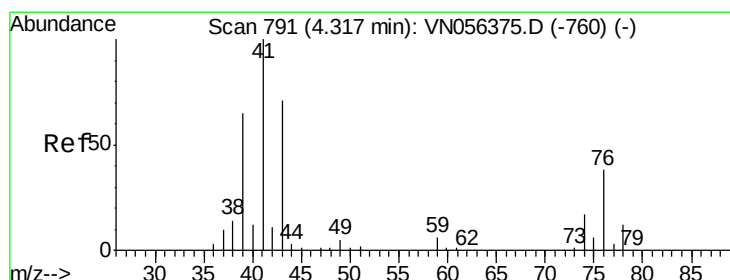
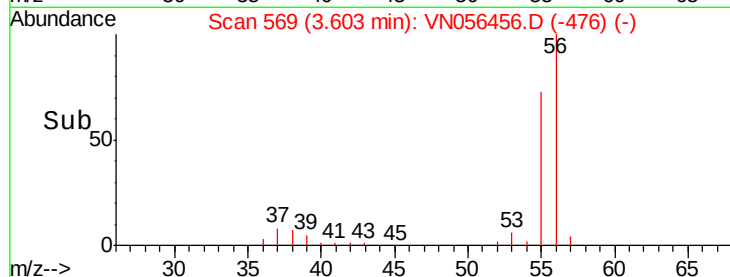
0

Time-->

3.50

3.60

3.70



#14

Allyl chloride

Concen: 19.467 ug/l

RT: 4.32 min Scan# 792

Delta R.T. 0.00 min

Lab File: VN056456.D

Acq: 24 Jun 2019 15:22

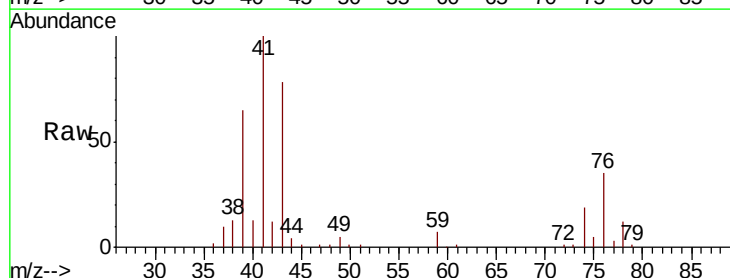
Tgt Ion: 41 Resp: 106224

Ion Ratio Lower Upper

41 100

39 61.4 48.6 73.0

76 33.1 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

4.32

40000

30000

20000

10000

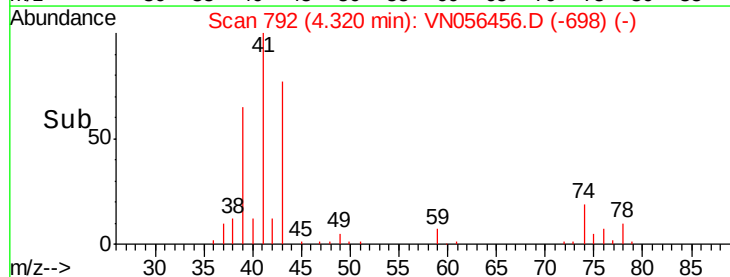
0

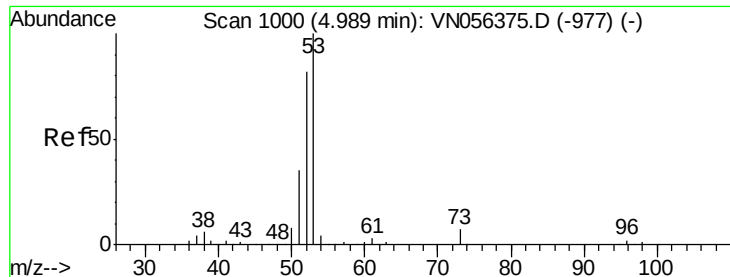
Time-->

4.20

4.30

4.40





#15

Acrylonitrile

Concen: 96.500 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN056456.D

Acq: 24 Jun 2019 15:22

Instrument :

MSVOA_N

ClientSampled :

VN0624MBS01

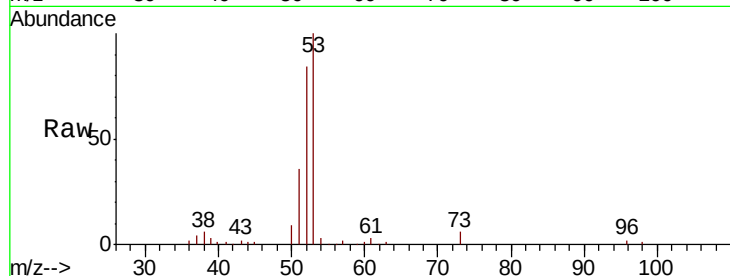
Tot Ion: 53 Resp: 184916

Ion Ratio Lower Upper

53 100

52 83.4 65.9 98.9

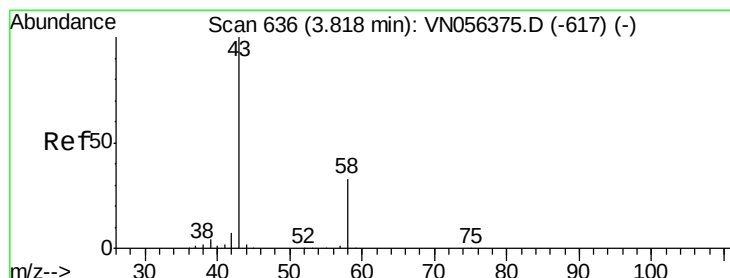
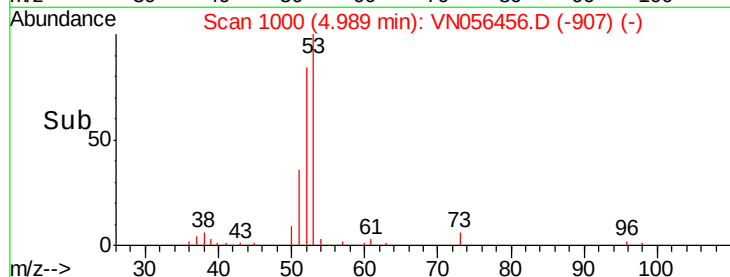
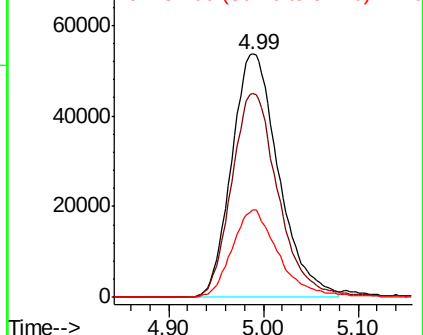
51 35.5 28.3 42.5



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 91.321 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN056456.D

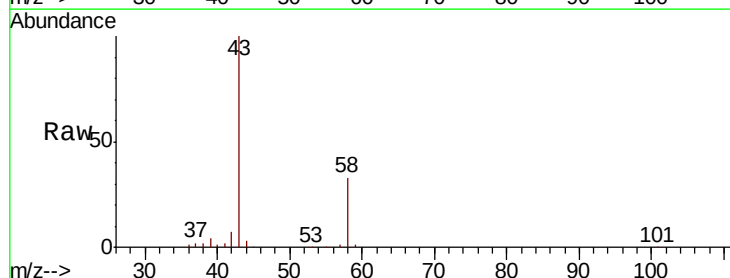
Acq: 24 Jun 2019 15:22

Tgt Ion: 43 Resp: 188161

Ion Ratio Lower Upper

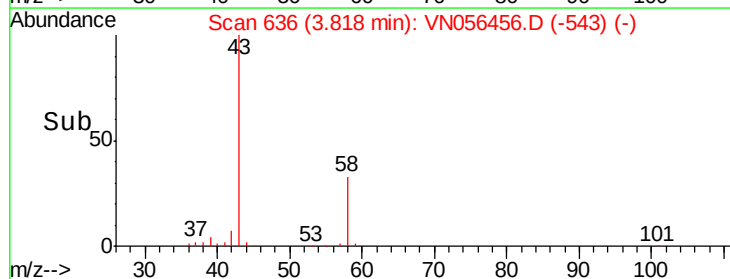
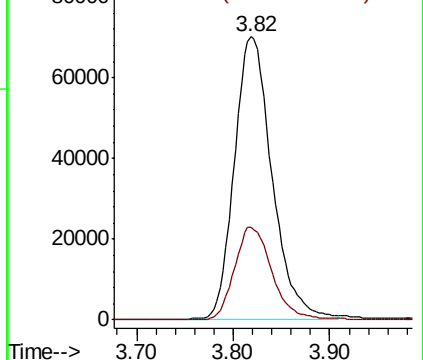
43 100

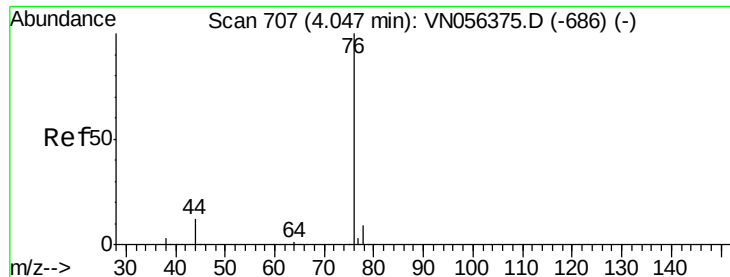
58 32.8 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

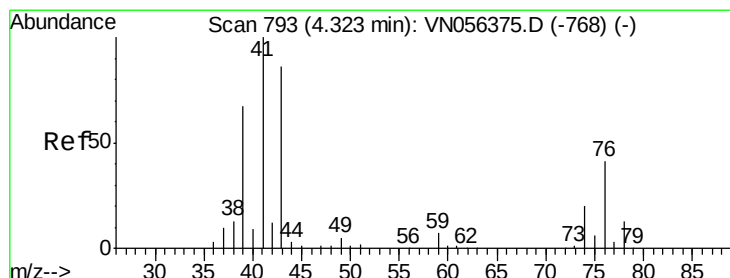
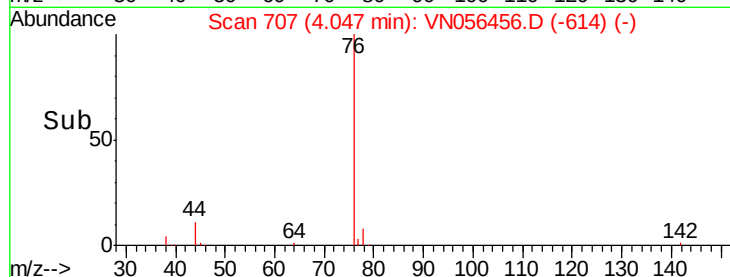
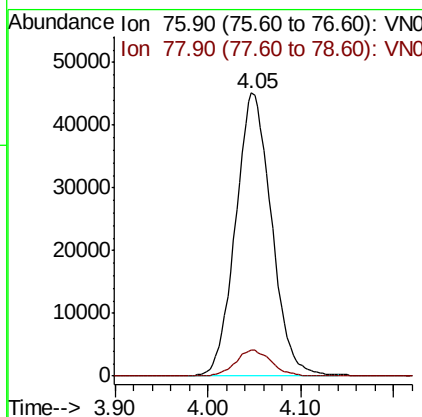
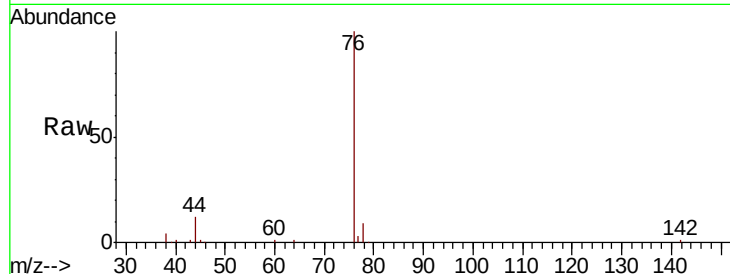




#17
Carbon Disulfide
Concen: 16.306 ug/l
RT: 4.05 min Scan# 707
Delta R.T. 0.00 min
Lab File: VN056456.D
Acq: 24 Jun 2019 15:22

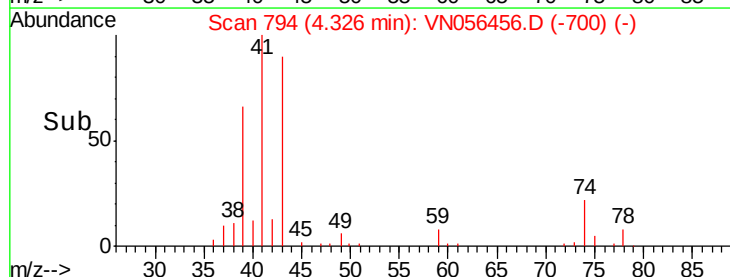
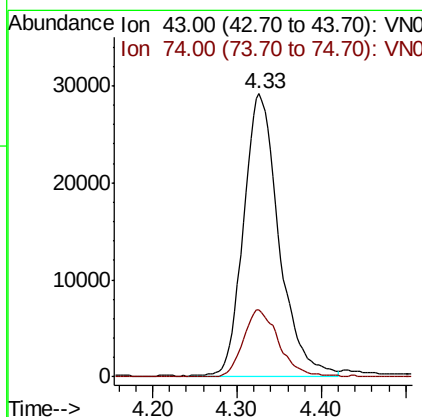
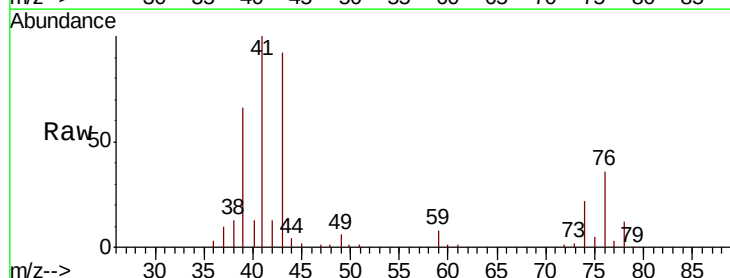
Instrument :
MSVOA_N
ClientSampled :
VN0624MBS01

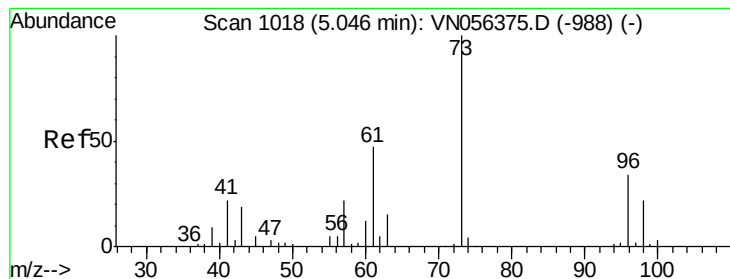
Tot Ion: 76 Resp: 121569
Ion Ratio Lower Upper
76 100
78 9.3 7.1 10.7



#18
Methyl Acetate
Concen: 20.714 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN056456.D
Acq: 24 Jun 2019 15:22

Tgt Ion: 43 Resp: 85643
Ion Ratio Lower Upper
43 100
74 23.6 19.2 28.8



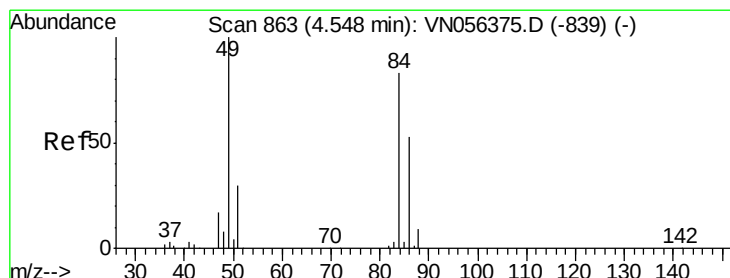
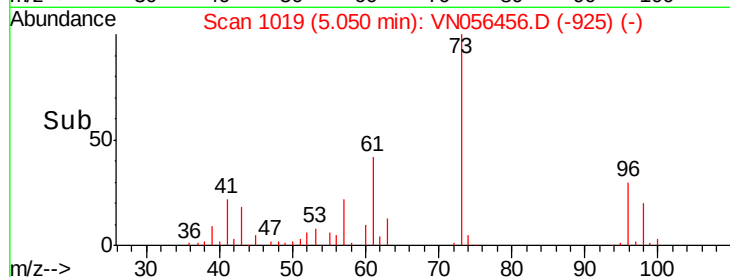
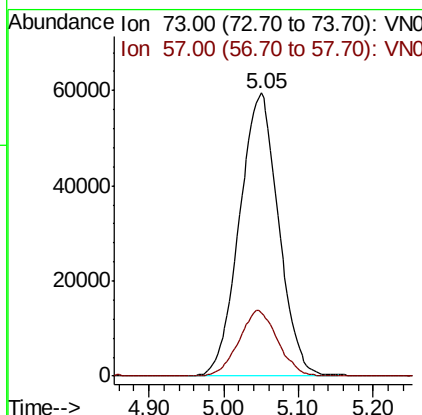
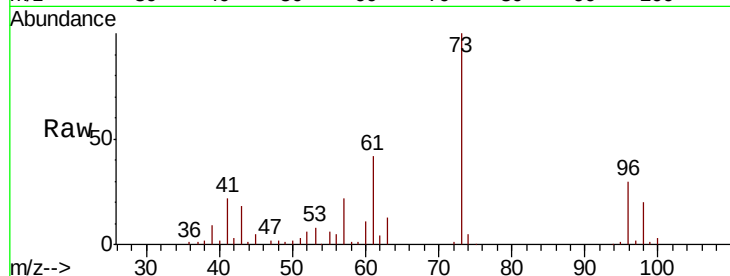


#19

Methyl tert-butyl Ether
 Concen: 19.959 ug/l
 RT: 5.05 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VN056456.D
 Acq: 24 Jun 2019 15:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624MBS01

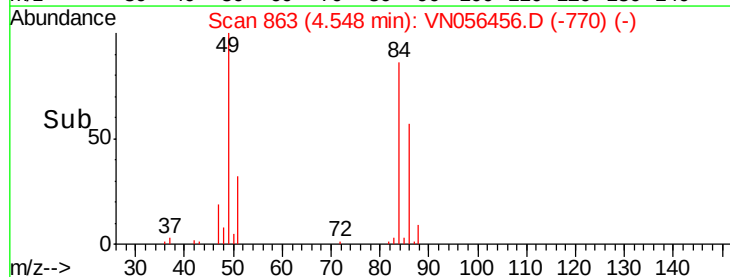
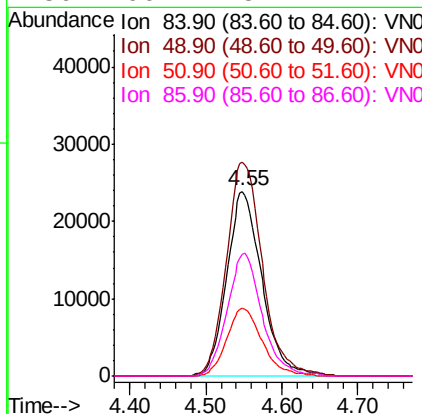
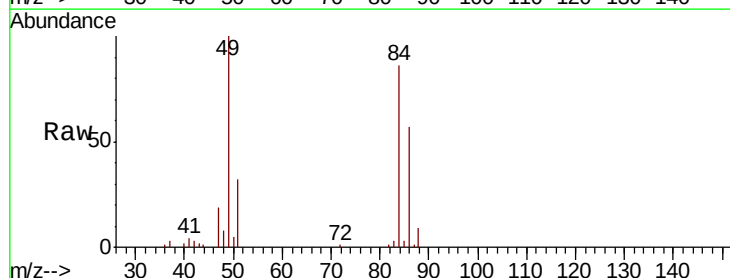
Tot Ion: 73 Resp: 216486
 Ion Ratio Lower Upper
 73 100
 57 22.4 17.9 26.9

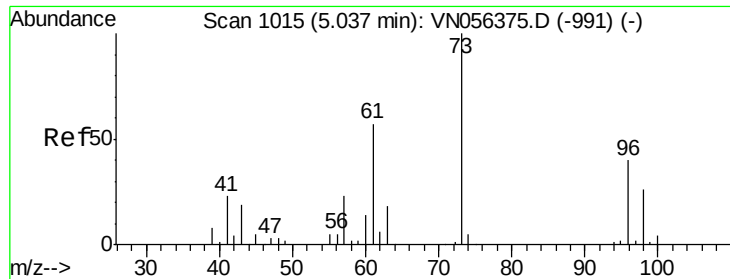


#20

Methylene Chloride
 Concen: 19.167 ug/l
 RT: 4.55 min Scan# 863
 Delta R.T. 0.00 min
 Lab File: VN056456.D
 Acq: 24 Jun 2019 15:22

Tgt Ion: 84 Resp: 76582
 Ion Ratio Lower Upper
 84 100
 49 115.7 96.4 144.6
 51 36.5 28.6 43.0
 86 66.1 51.4 77.2

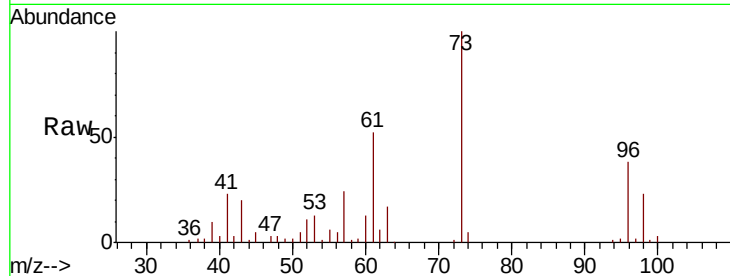




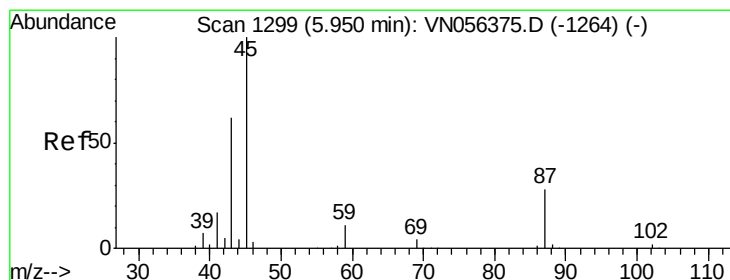
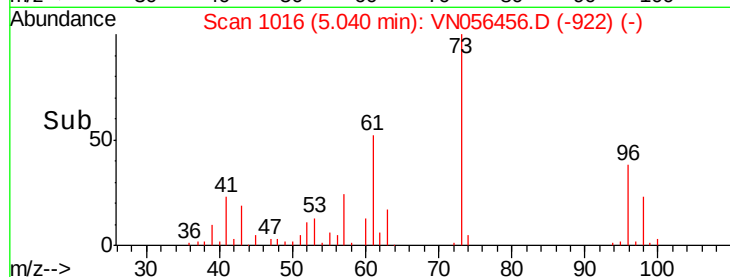
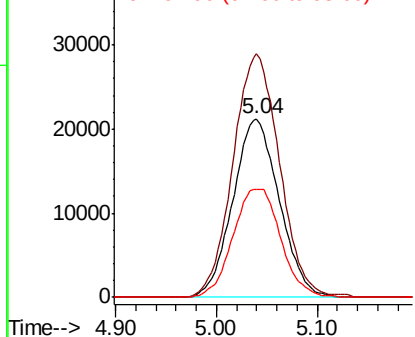
#21
trans-1,2-Dichloroethene
Concen: 19.163 ug/l
RT: 5.04 min Scan# 1016
Delta R.T. 0.00 min
Lab File: VN056456.D
Acq: 24 Jun 2019 15:22

Instrument :
MSVOA_N
ClientSampleId :
VN0624MBS01

Tot Ion: 96 Resp: 67724
Ion Ratio Lower Upper
96 100
61 136.5 113.0 169.6
98 60.7 52.2 78.2

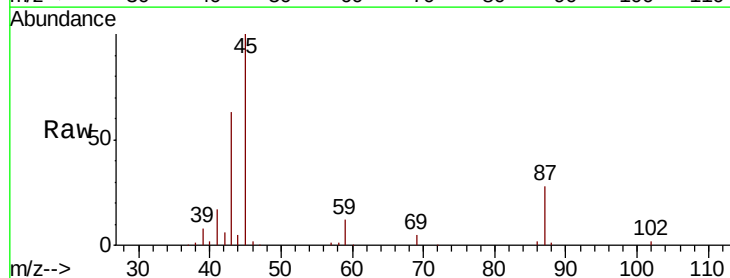


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

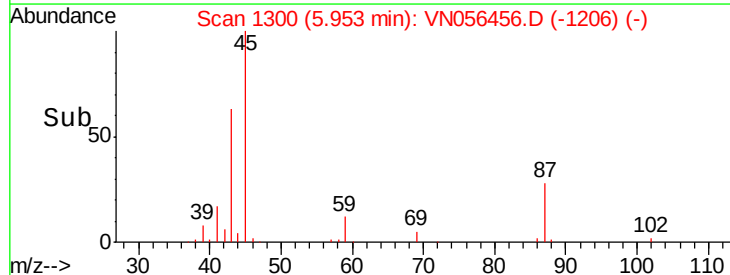
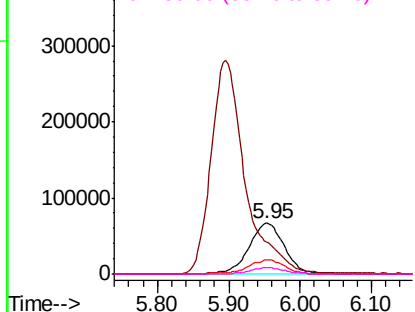


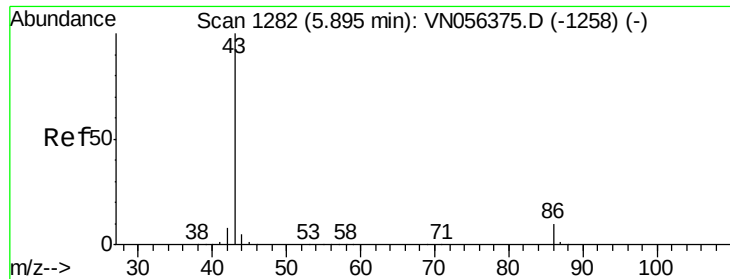
#22
Diisopropyl ether
Concen: 20.126 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: VN056456.D
Acq: 24 Jun 2019 15:22

Tgt Ion: 45 Resp: 230637
Ion Ratio Lower Upper
45 100
43 61.2 50.4 75.6
87 27.9 23.0 34.4
59 12.4 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: 103.239 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VN056456.D

Acq: 24 Jun 2019 15:22

Instrument :

MSVOA_N

ClientSampleId :

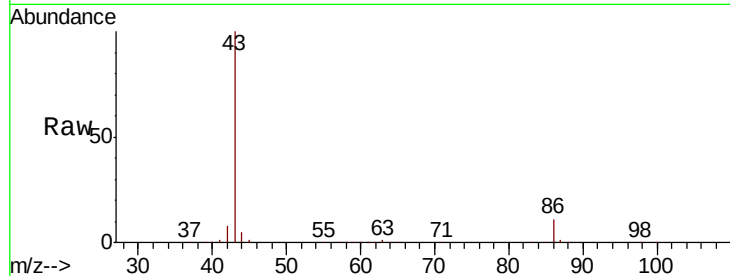
VN0624MBS01

Tot Ion: 43 Resp: 933121

Ion Ratio Lower Upper

43 100

86 10.8 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.90

300000

250000

200000

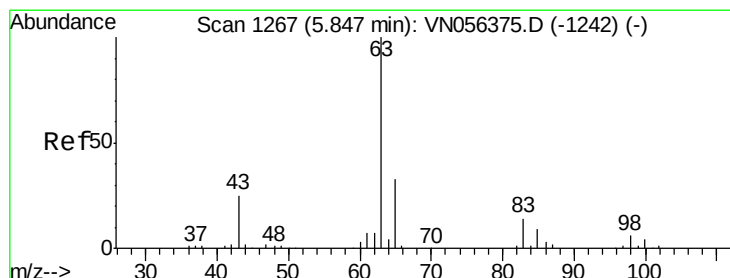
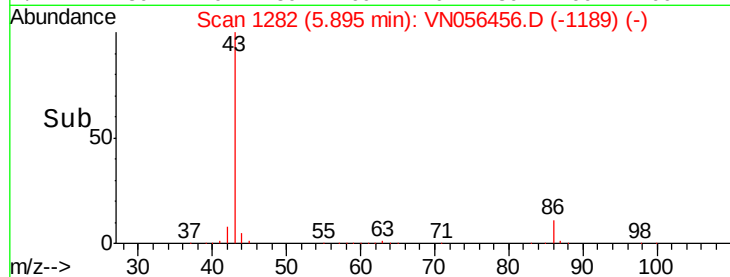
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 19.949 ug/l

RT: 5.85 min Scan# 1267

Delta R.T. 0.00 min

Lab File: VN056456.D

Acq: 24 Jun 2019 15:22

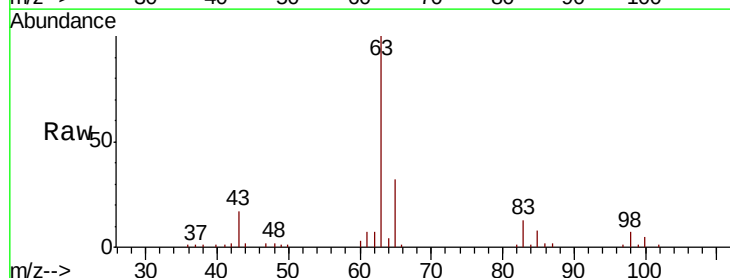
Tgt Ion: 63 Resp: 131225

Ion Ratio Lower Upper

63 100

98 6.7 3.2 9.6

100 4.7 2.1 6.5



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

50000

40000

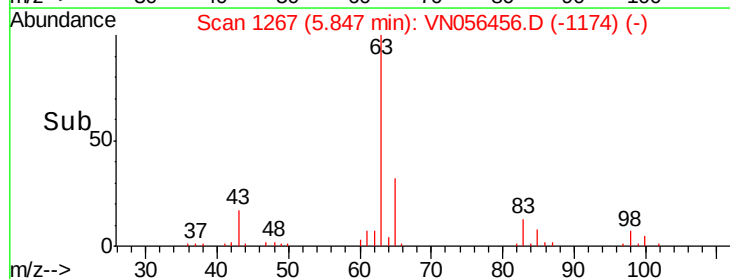
30000

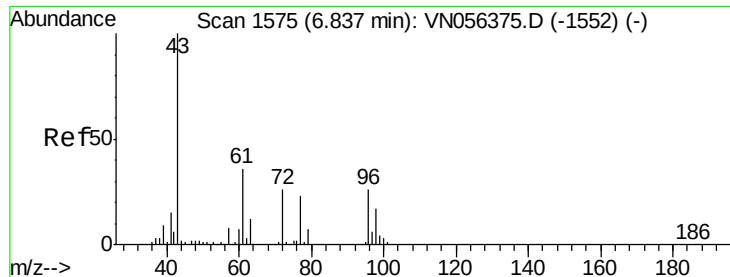
20000

10000

0

Time-->





#25

2-Butanone

Concen: 95.606 ug/l

RT: 6.84 min Scan# 1576

Delta R.T. 0.00 min

Lab File: VN056456.D

Acq: 24 Jun 2019 15:22

Instrument :

MSVOA_N

ClientSampled :

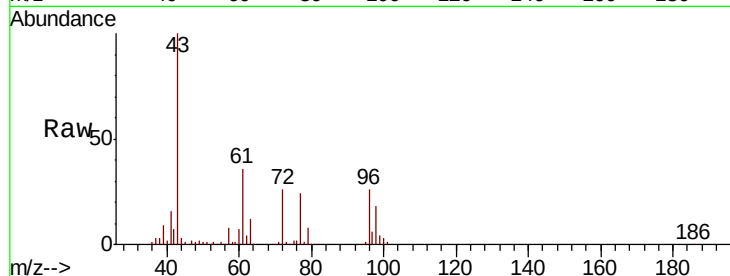
VN0624MBS01

Tot Ion: 43 Resp: 260719

Ion Ratio Lower Upper

43 100

72 26.5 20.6 31.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

6.84

100000

80000

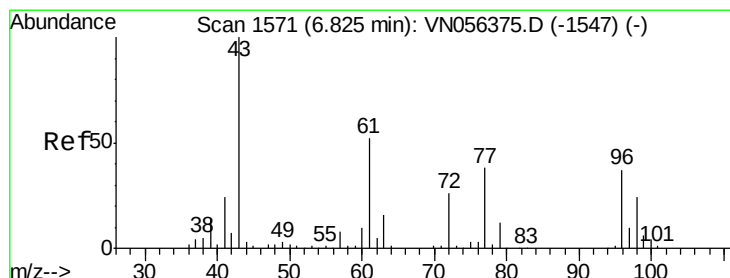
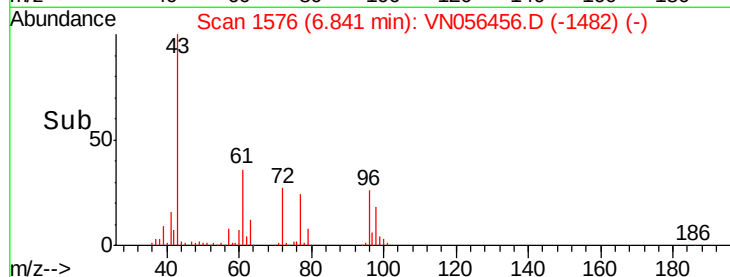
60000

40000

20000

0

Time-->



#26

2,2-Dichloropropane

Concen: 19.939 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. 0.00 min

Lab File: VN056456.D

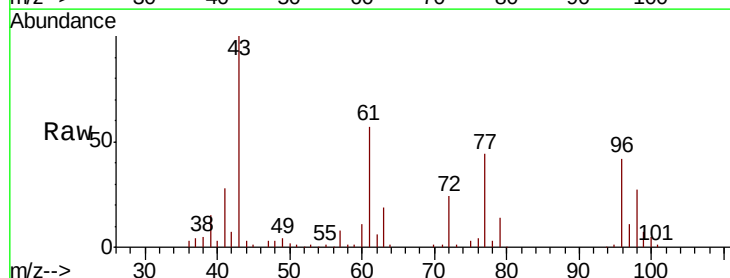
Acq: 24 Jun 2019 15:22

Tgt Ion: 77 Resp: 91222

Ion Ratio Lower Upper

77 100

97 24.8 11.9 35.5



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0

6.82

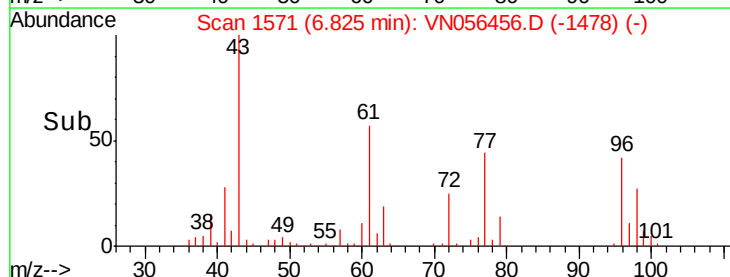
30000

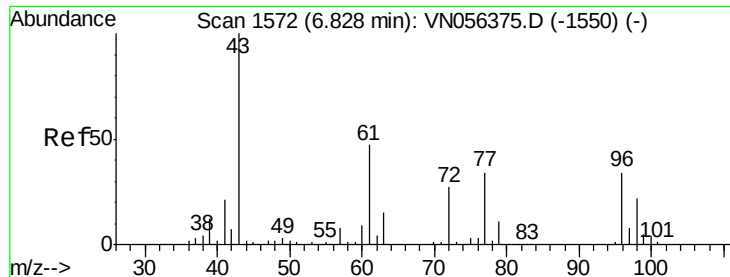
20000

10000

0

Time-->





#27

cis-1,2-Dichloroethene

Concen: 19.767 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN056456.D

Acq: 24 Jun 2019 15:22

Instrument :

MSVOA_N

ClientSampled :

VN0624MBS01

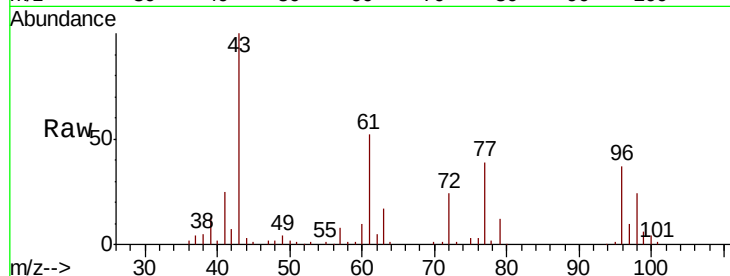
Tot Ion: 96 Resp: 81729

Ion Ratio Lower Upper

96 100

61 139.7 0.0 279.8

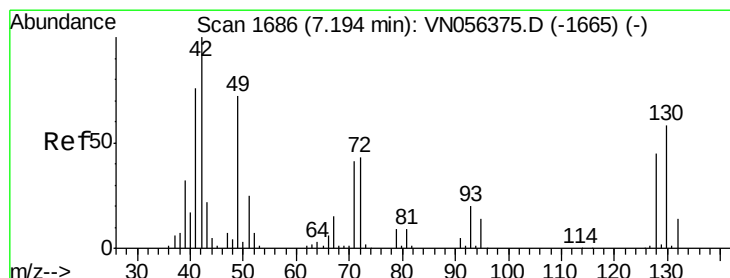
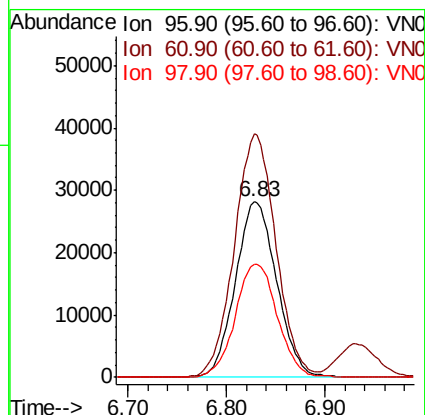
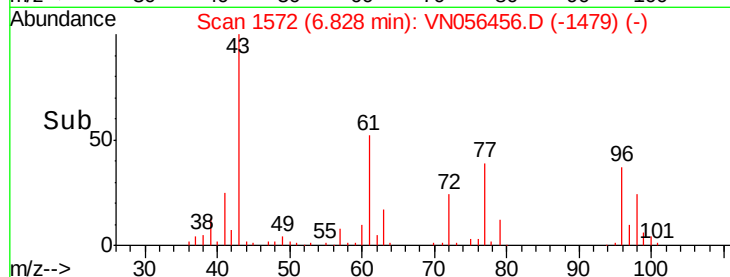
98 65.7 0.0 130.0



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: 21.511 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VN056456.D

Acq: 24 Jun 2019 15:22

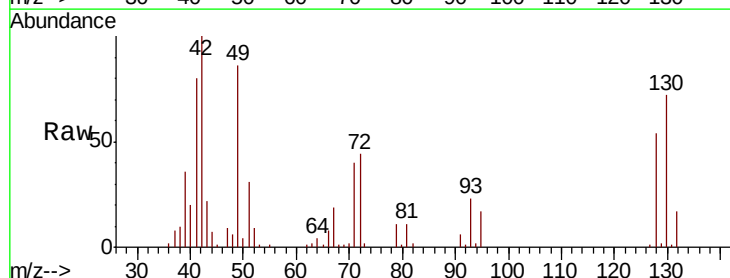
Tgt Ion: 49 Resp: 69991

Ion Ratio Lower Upper

49 100

129 1.4 0.0 4.2

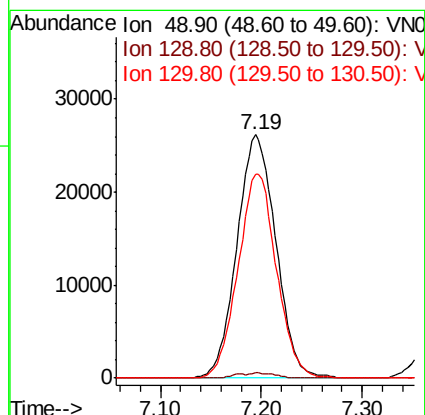
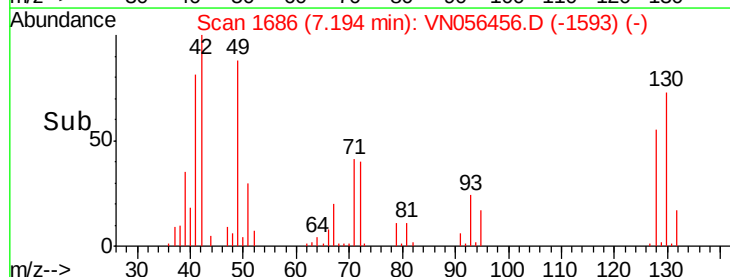
130 82.8 64.9 97.3

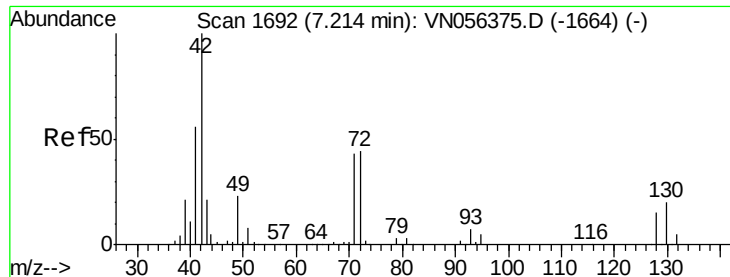


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

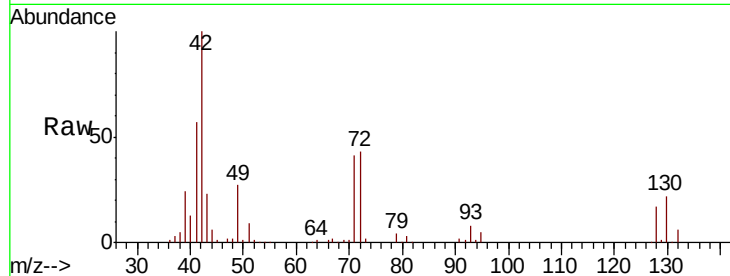




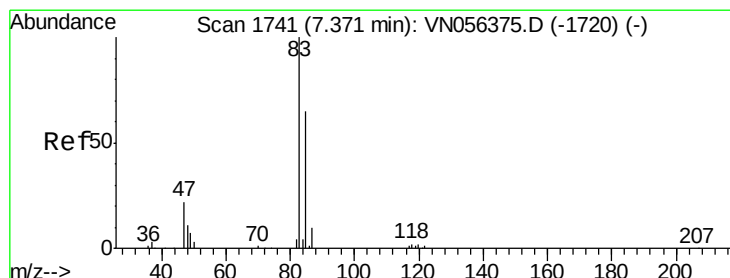
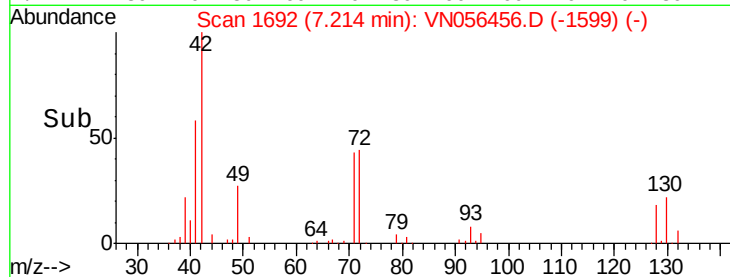
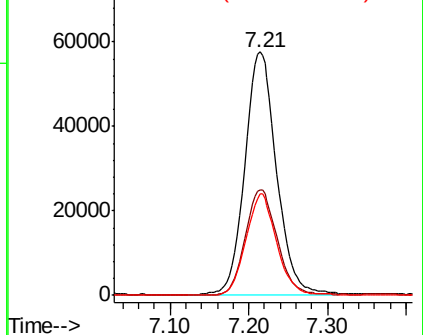
#29
Tetrahydrofuran
Concen: 99.223 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VN056456.D
Acq: 24 Jun 2019 15:22

Instrument :
MSVOA_N
ClientSampleId :
VN0624MBS01

Tot Ion: 42 Resp: 165354
Ion Ratio Lower Upper
42 100
72 43.5 34.7 52.1
71 40.3 33.0 49.6

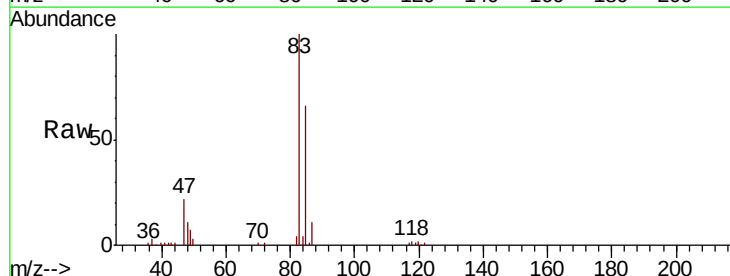


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

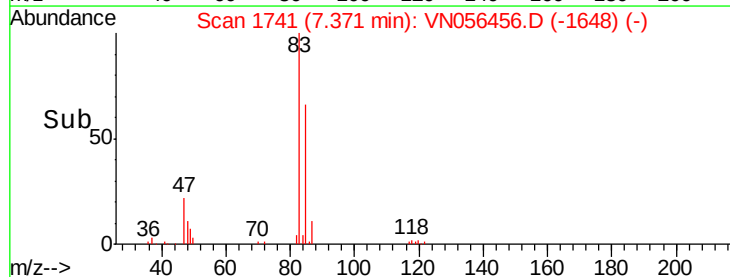
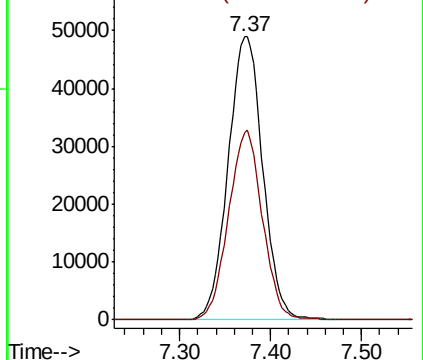


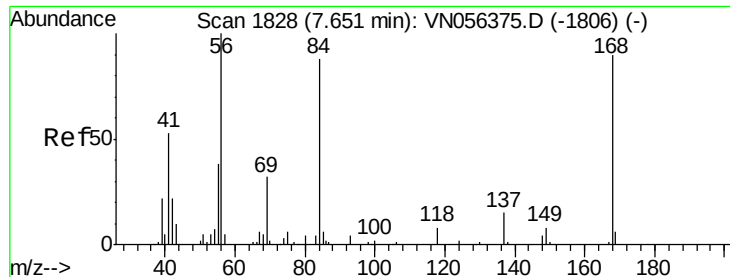
#30
Chloroform
Concen: 19.926 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN056456.D
Acq: 24 Jun 2019 15:22

Tgt Ion: 83 Resp: 129338
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: 18.993 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN056456.D

Acq: 24 Jun 2019 15:22

Instrument :

MSVOA_N

ClientSampleId :

VN0624MBS01

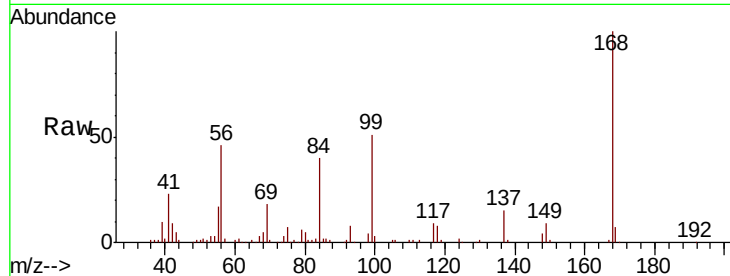
Tot Ion: 56 Resp: 120619

Ion Ratio Lower Upper

56 100

69 38.3 25.8 38.6

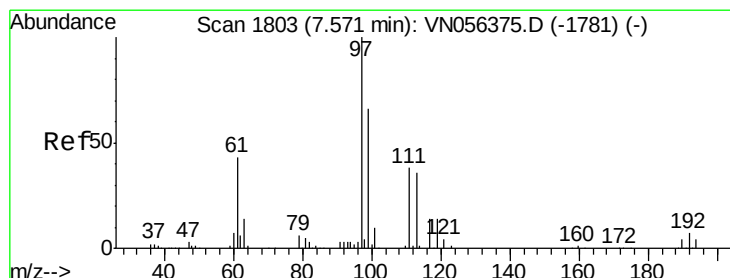
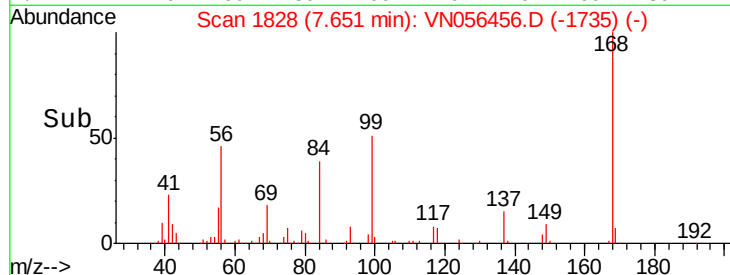
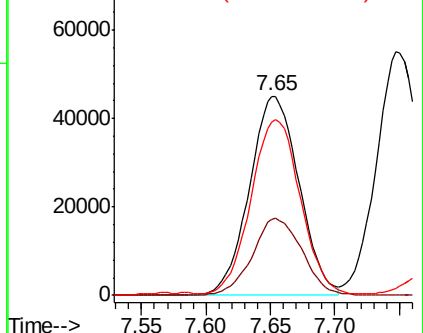
84 85.8 69.4 104.0



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 20.099 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN056456.D

Acq: 24 Jun 2019 15:22

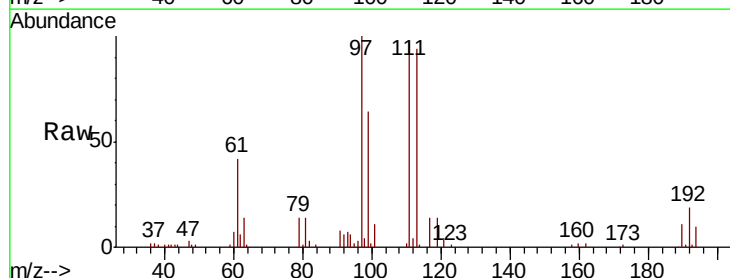
Tgt Ion: 97 Resp: 103411

Ion Ratio Lower Upper

97 100

99 63.6 51.8 77.6

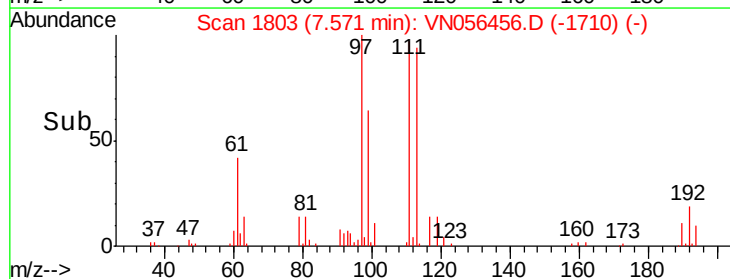
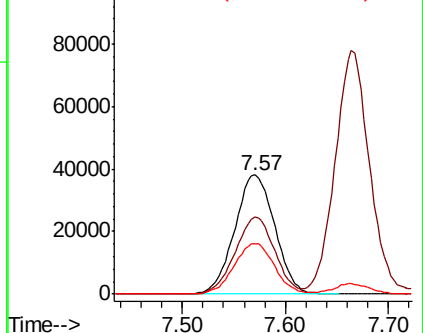
61 42.5 33.9 50.9

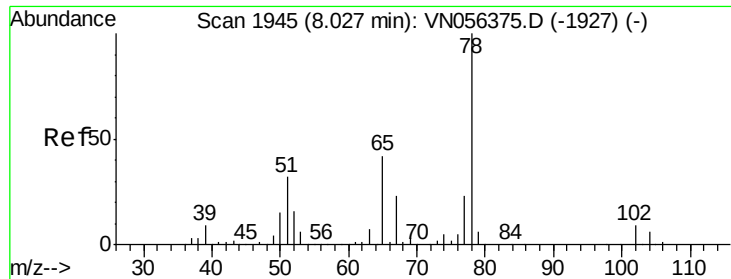


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

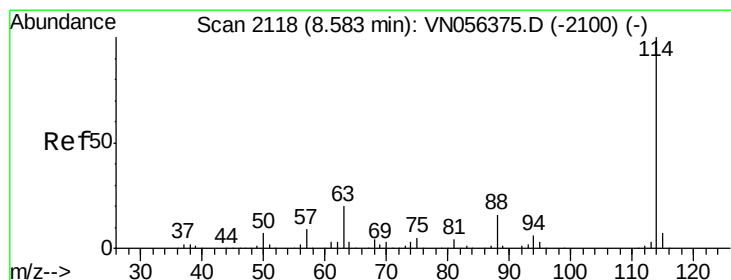
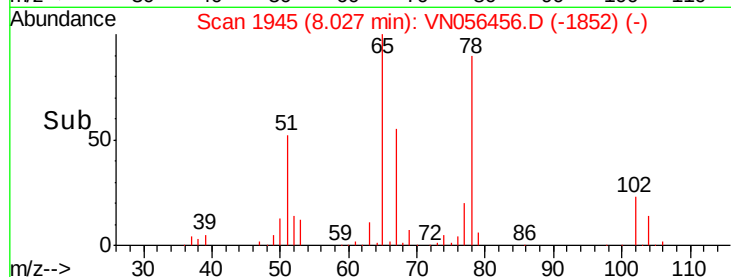
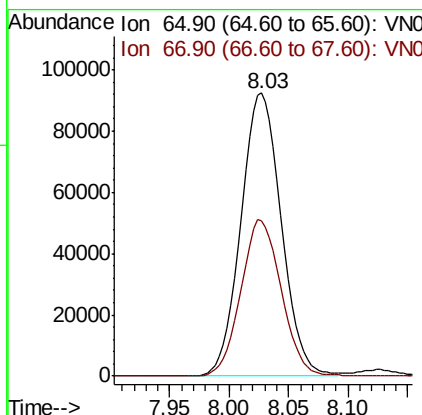
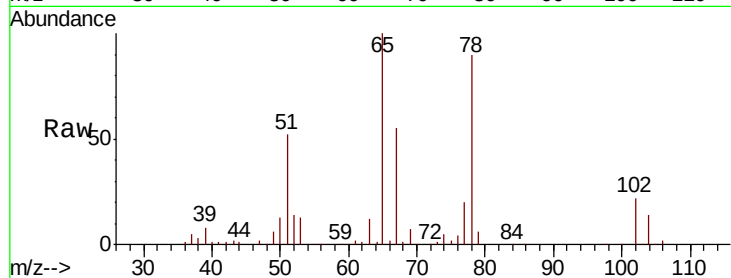




#33
 1,2-Dichloroethane-d4
 Concen: 52.864 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN056456.D
 Acq: 24 Jun 2019 15:22

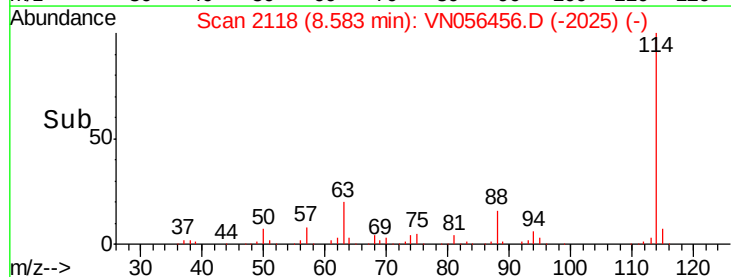
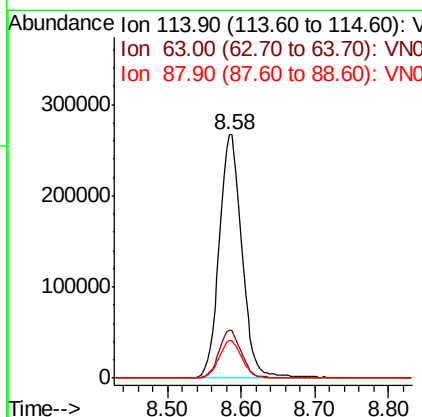
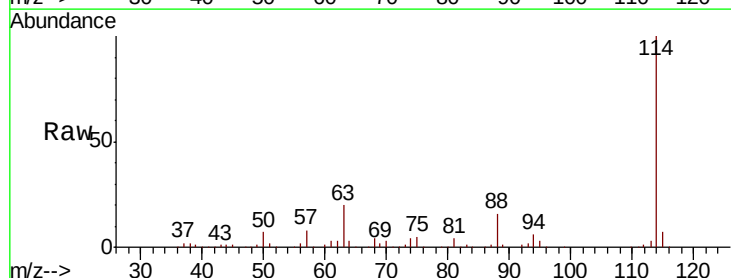
Instrument :
 MSVOA_N
 ClientSampled :
 VN0624MBS01

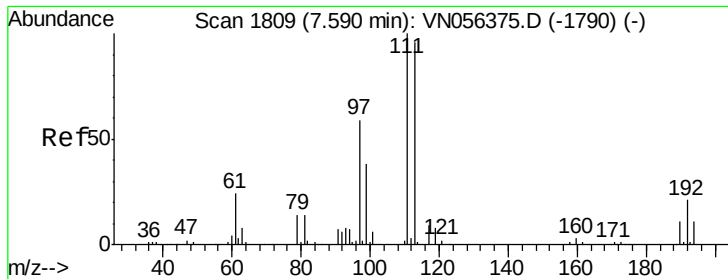
Tot Ion: 65 Resp: 217403
 Ion Ratio Lower Upper
 65 100
 67 55.3 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN056456.D
 Acq: 24 Jun 2019 15:22

Tgt Ion: 114 Resp: 571887
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.2
 88 15.5 0.0 31.4

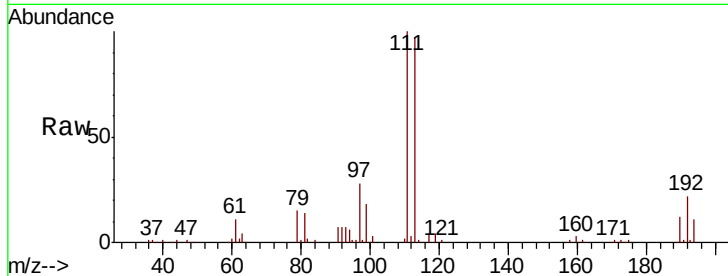




#35
 Dibromofluoromethane
 Concen: 52.993 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056456.D
 Acq: 24 Jun 2019 15:22

Instrument :
 MSVOA_N
 ClientSampled :
 VN0624MBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.9	124.3
192	22.2	17.7	26.5

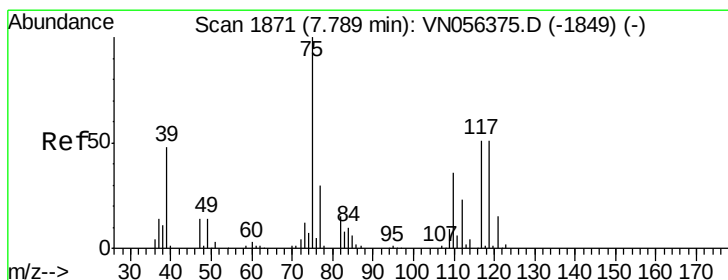
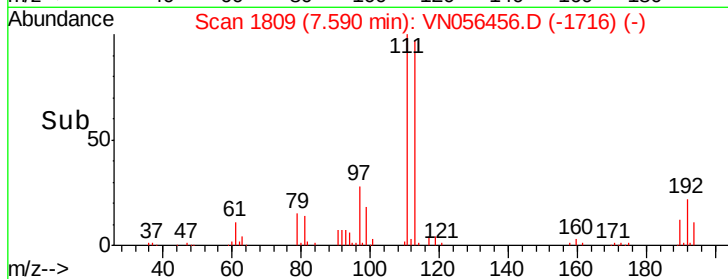
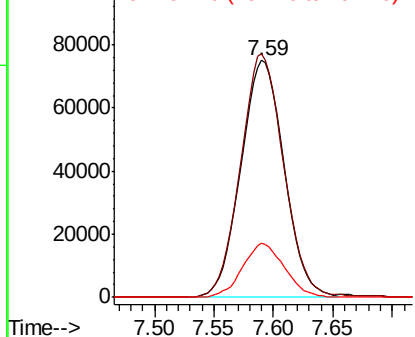


Abundance

Ion 112.80 (112.50 to 113.50): V

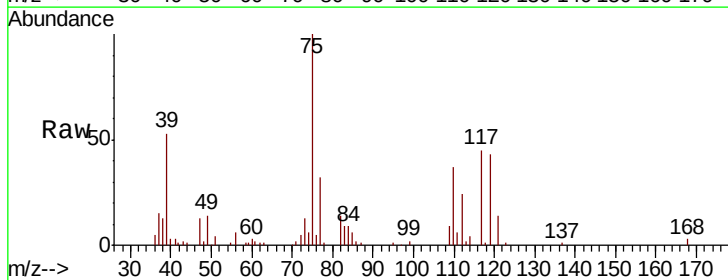
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 18.461 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VN056456.D
 Acq: 24 Jun 2019 15:22

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.1	18.1	54.3
77	32.4	24.6	36.8

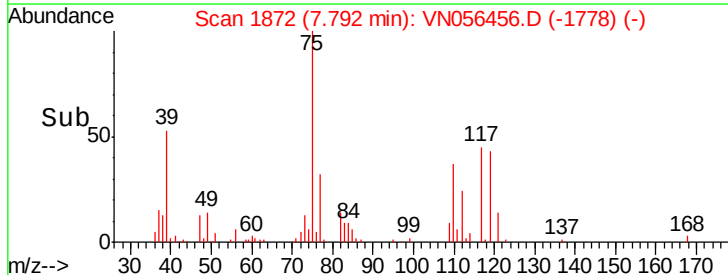
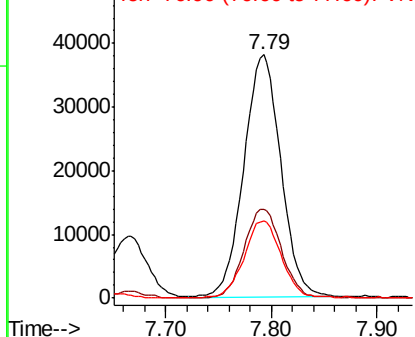


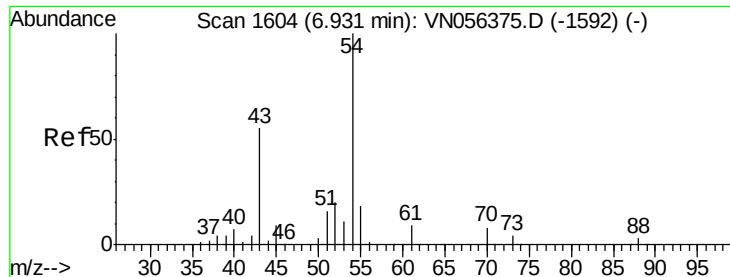
Abundance

Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0

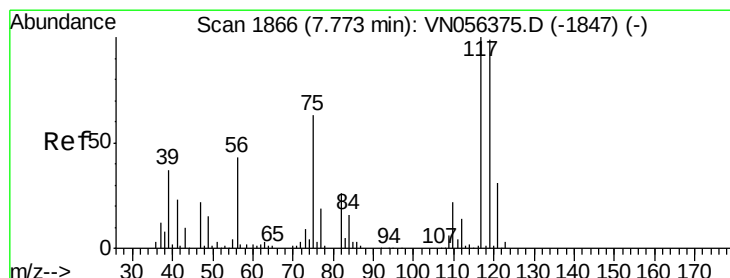
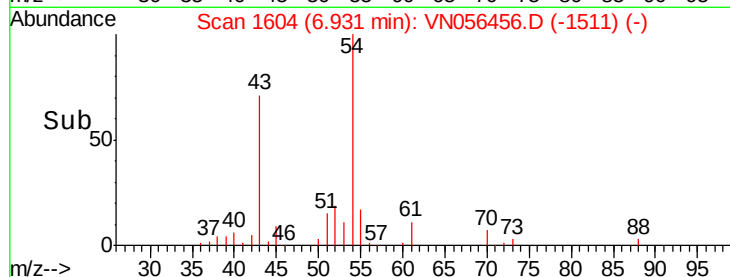
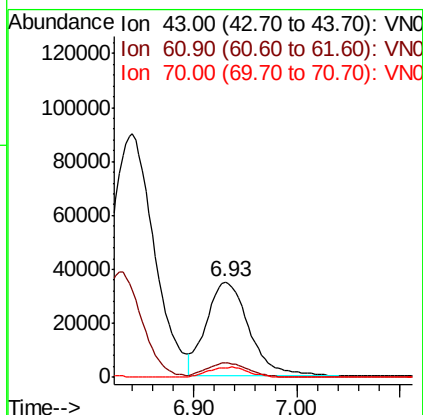
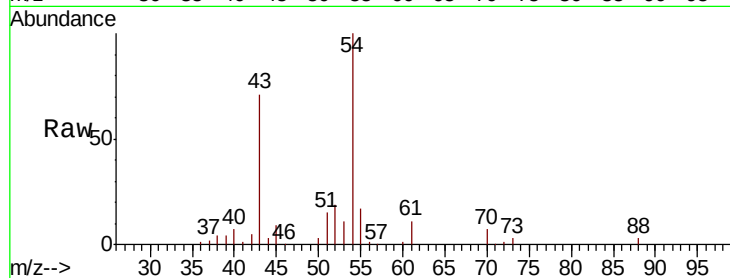




#37
Ethyl Acetate
Concen: 20.382 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VN056456.D
Acq: 24 Jun 2019 15:22

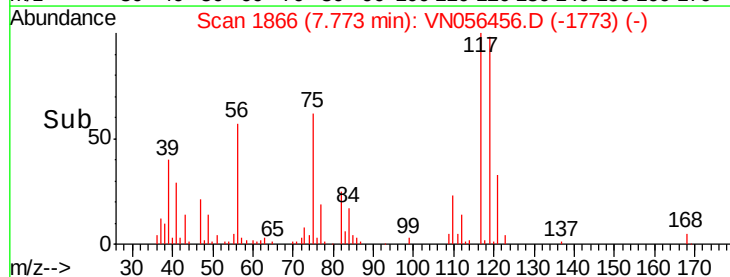
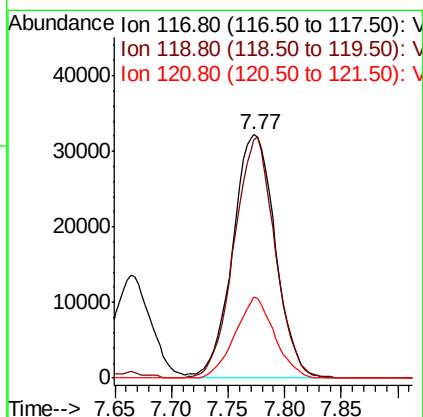
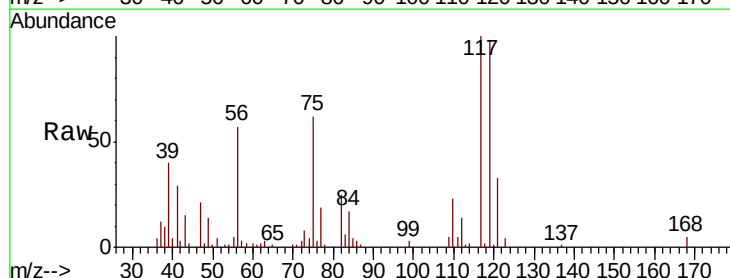
Instrument :
MSVOA_N
ClientSampled :
VN0624MBS01

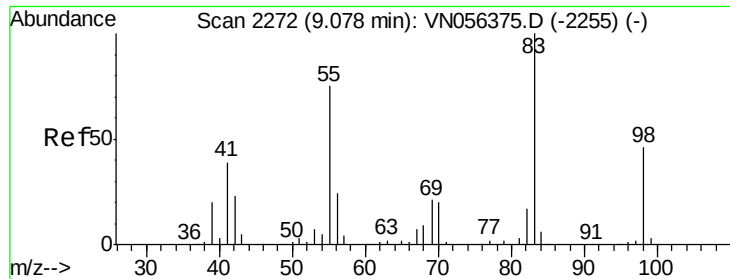
Tot Ion: 43 Resp: 100823
Ion Ratio Lower Upper
43 100
61 14.3 11.1 16.7
70 10.7 8.3 12.5



#38
Carbon Tetrachloride
Concen: 19.134 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VN056456.D
Acq: 24 Jun 2019 15:22

Tgt Ion: 117 Resp: 84225
Ion Ratio Lower Upper
117 100
119 98.1 79.1 118.7
121 33.3 24.8 37.2

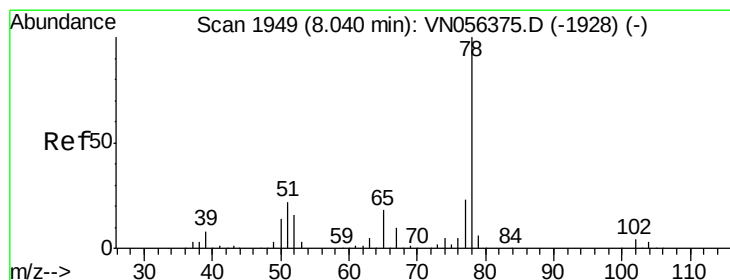
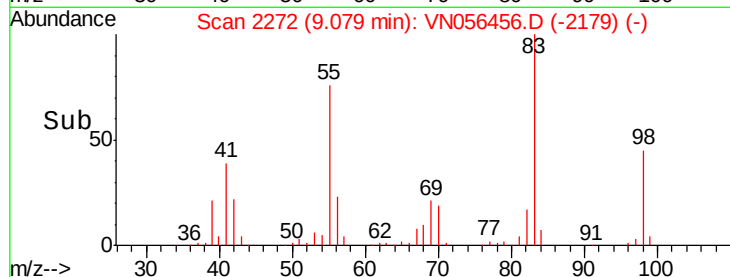
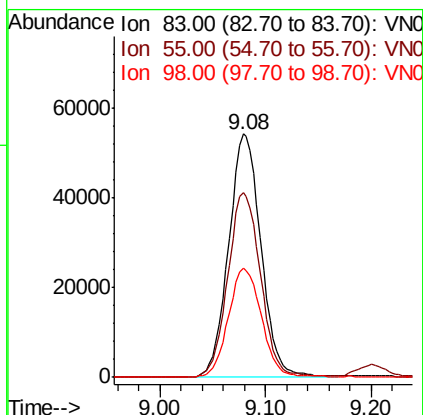
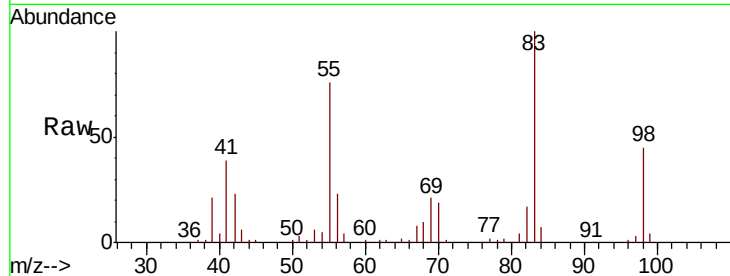




#39
Methylvlcyclohexane
Concen: 18.556 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN056456.D
Acq: 24 Jun 2019 15:22

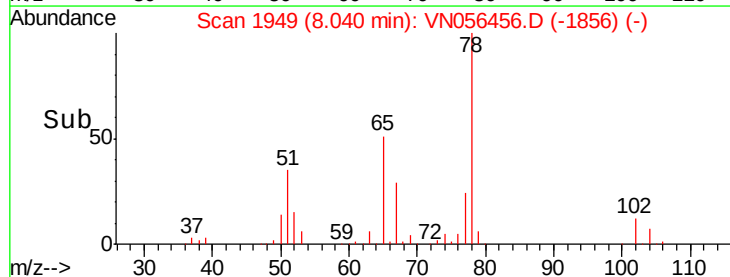
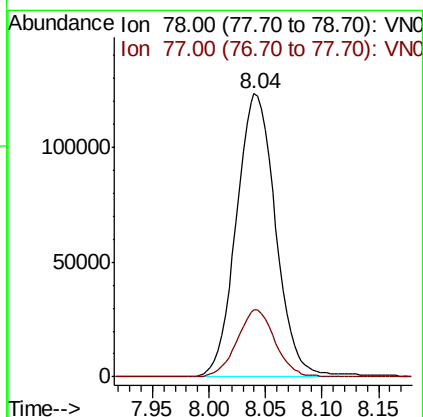
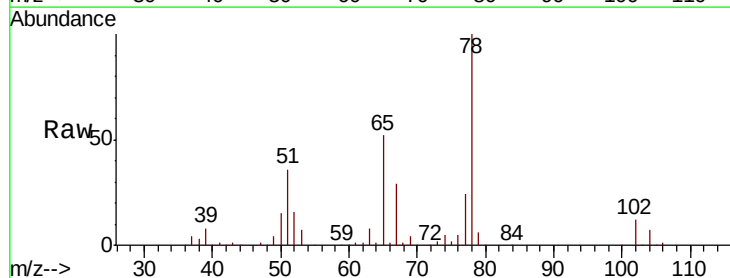
Instrument :
MSVOA_N
ClientSampleId :
VN0624MBS01

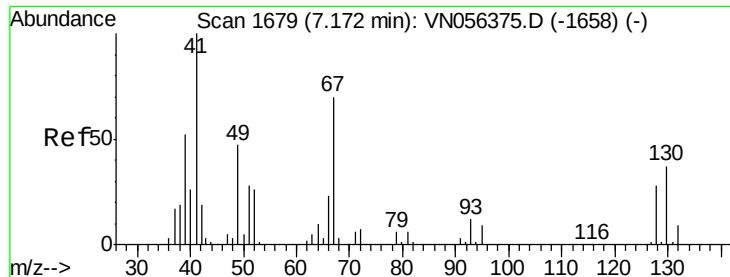
Tot Ion: 83 Resp: 115254
Ion Ratio Lower Upper
83 100
55 75.9 60.0 90.0
98 44.8 36.6 54.8



#40
Benzene
Concen: 19.210 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN056456.D
Acq: 24 Jun 2019 15:22

Tgt Ion: 78 Resp: 297444
Ion Ratio Lower Upper
78 100
77 23.8 18.3 27.5

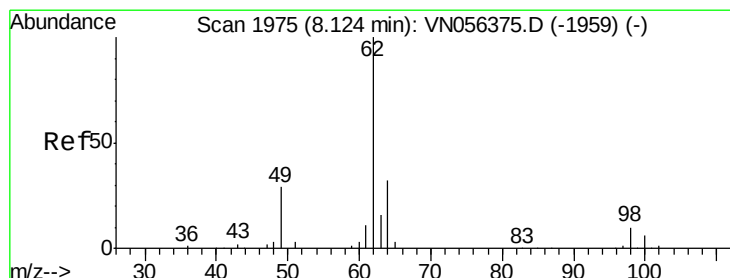
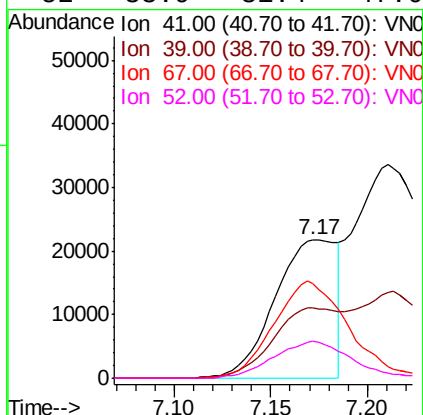
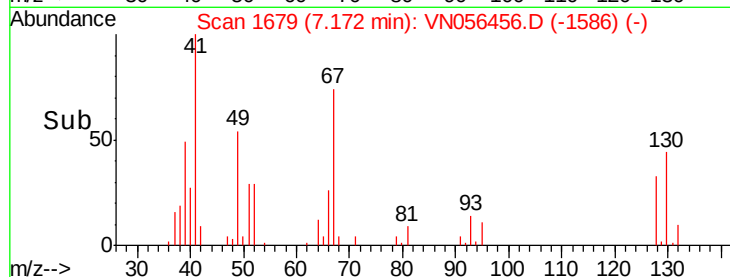
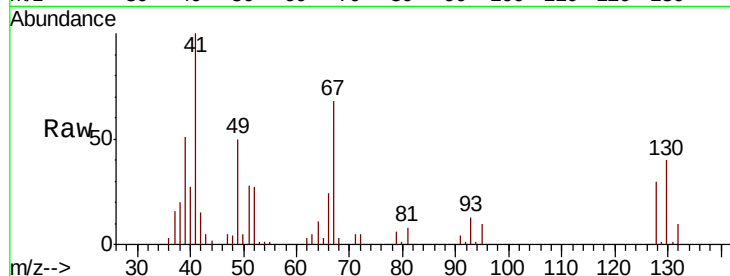




#41
Methacrylonitrile
Concen: 22.235 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VN056456.D
Acq: 24 Jun 2019 15:22

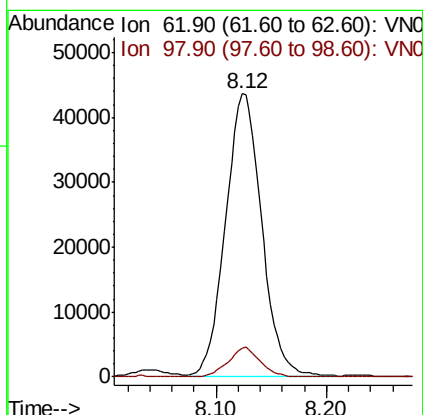
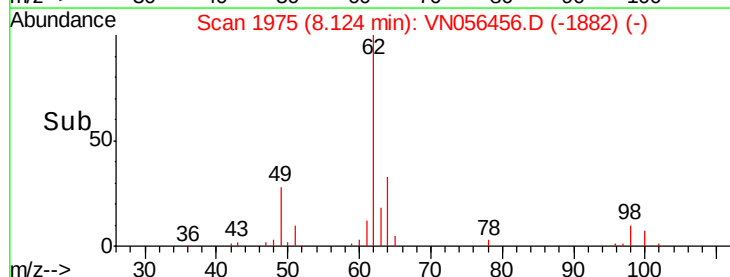
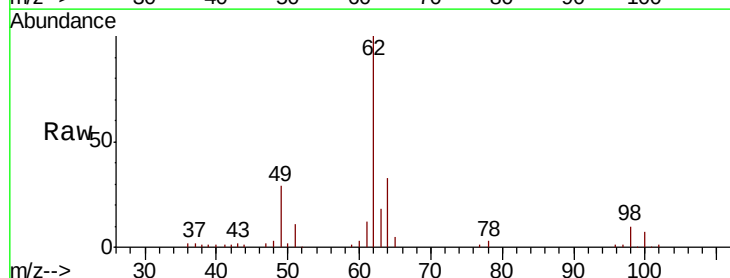
Instrument :
MSVOA_N
ClientSampleId :
VN0624MBS01

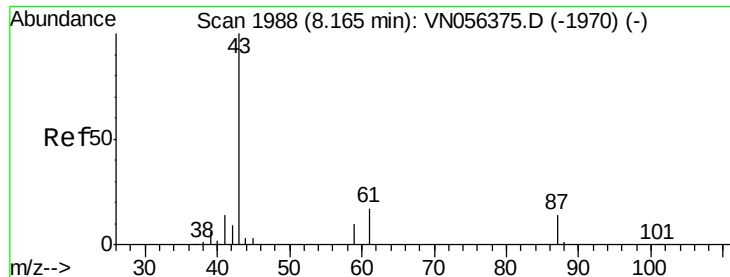
Tot Ion: 41 Resp: 48570
Ion Ratio Lower Upper
41 100
39 55.7 55.3 82.9
67 84.7 79.2 118.8
52 33.9 31.4 47.0



#42
1,2-Dichloroethane
Concen: 19.317 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN056456.D
Acq: 24 Jun 2019 15:22

Tgt Ion: 62 Resp: 98706
Ion Ratio Lower Upper
62 100
98 9.3 0.0 19.4





#43

Isopropyl Acetate

Concen: 21.033 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN056456.D

Acq: 24 Jun 2019 15:22

Instrument :

MSVOA_N

ClientSampleId :

VN0624MBS01

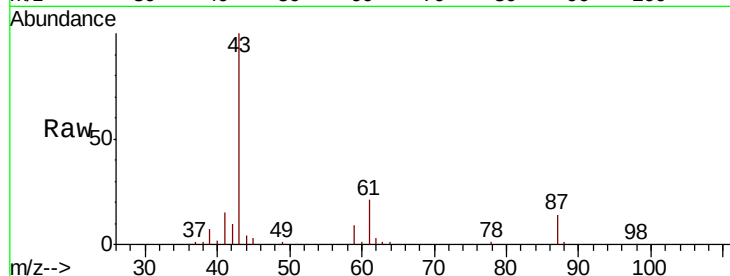
Tot Ion: 43 Resp: 160434

Ion Ratio Lower Upper

43 100

61 27.0 22.0 33.0

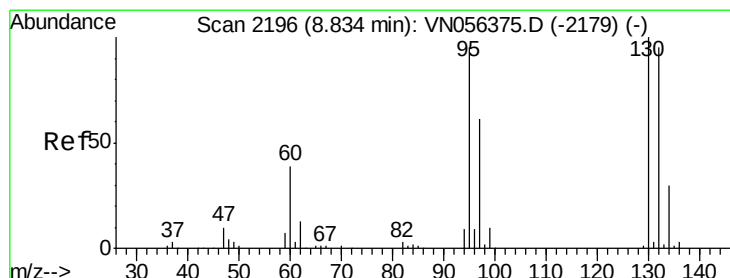
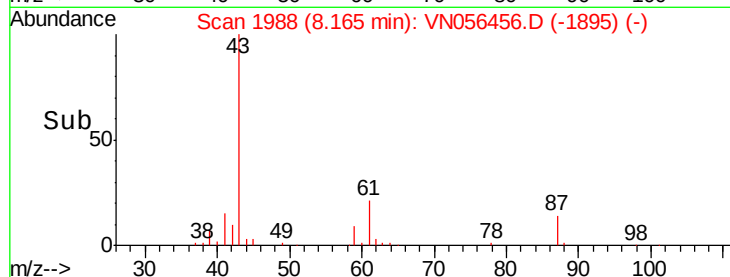
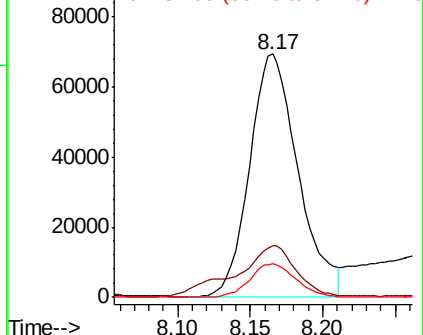
87 13.0 11.0 16.4



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: 19.300 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN056456.D

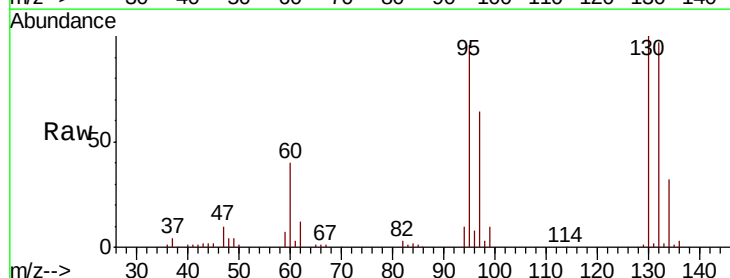
Acq: 24 Jun 2019 15:22

Tgt Ion:130 Resp: 80499

Ion Ratio Lower Upper

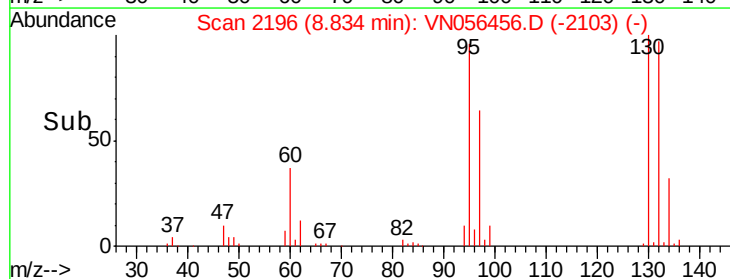
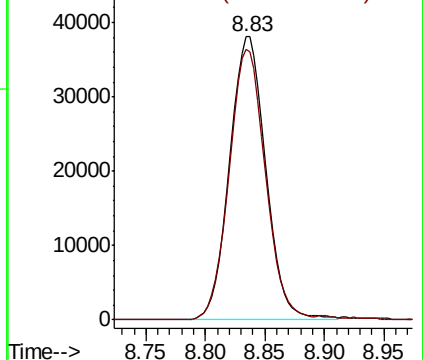
130 100

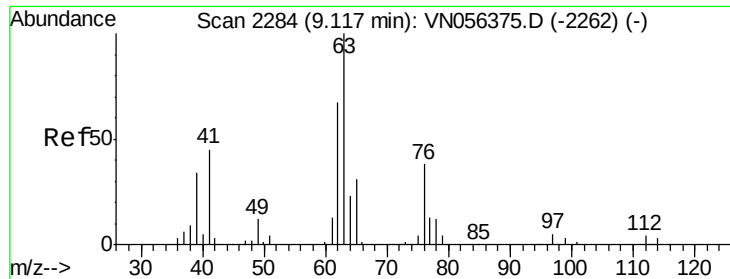
95 95.7 0.0 191.0



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

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

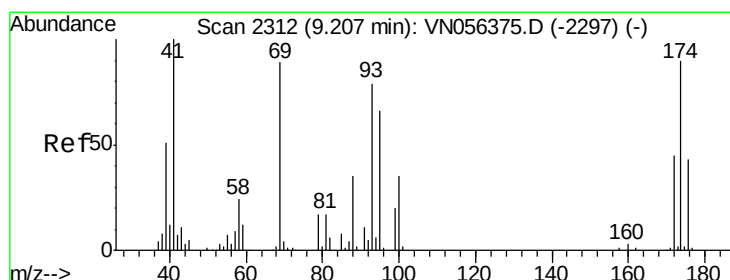
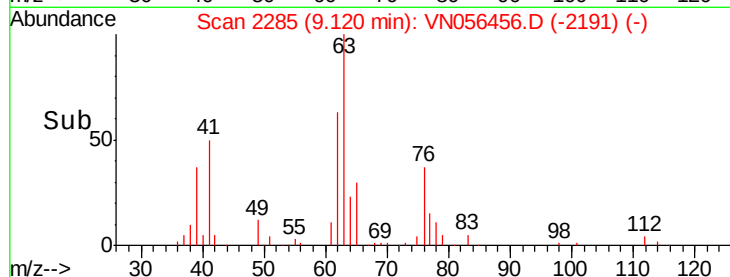
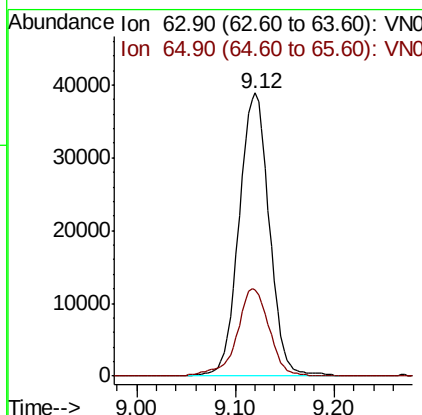
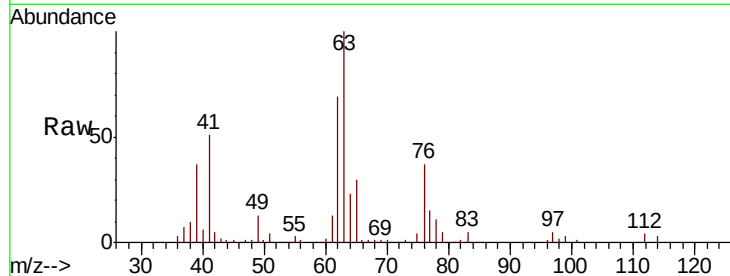




#45
 1,2-Dichloropropane
 Concen: 19.954 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN056456.D
 Acq: 24 Jun 2019 15:22

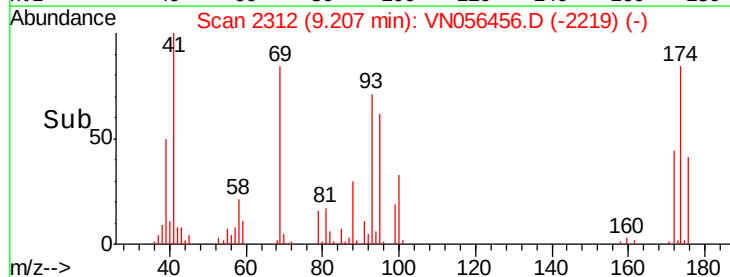
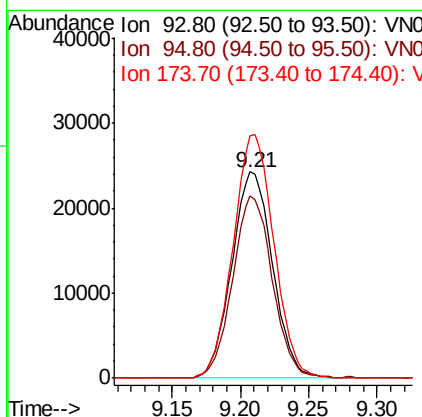
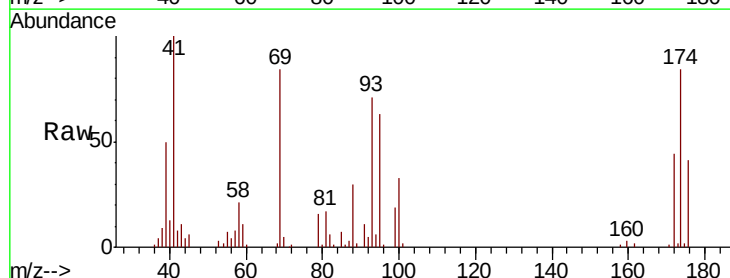
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624MBS01

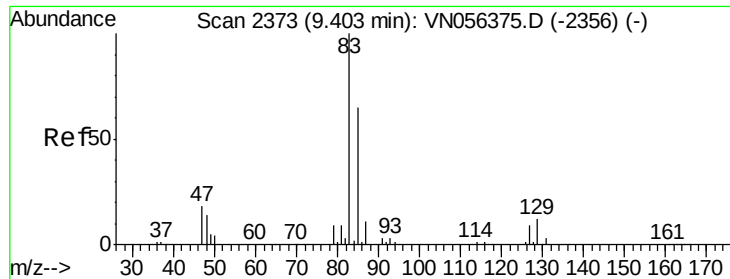
Tot Ion: 63 Resp: 82627
 Ion Ratio Lower Upper
 63 100
 65 30.3 25.0 37.6



#46
 Dibromomethane
 Concen: 19.488 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN056456.D
 Acq: 24 Jun 2019 15:22

Tgt Ion: 93 Resp: 50488
 Ion Ratio Lower Upper
 93 100
 95 85.7 66.2 99.2
 174 118.1 90.8 136.2

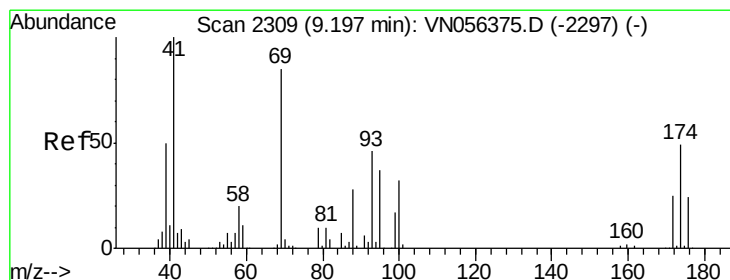
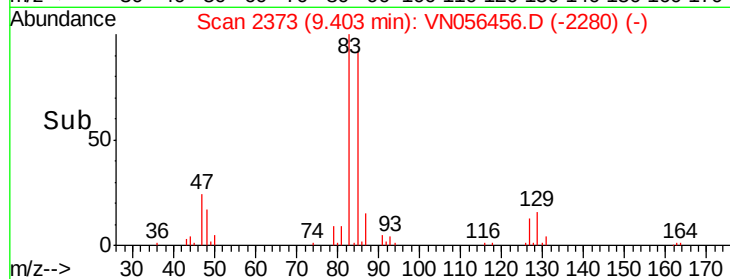
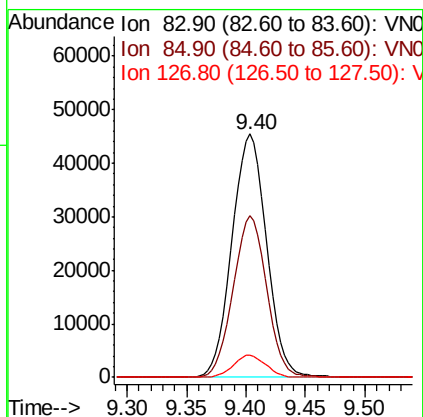
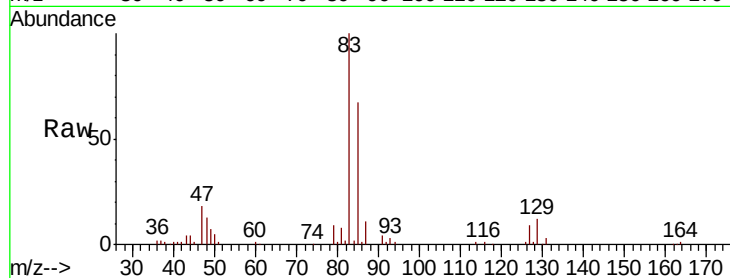




#47
Bromodichloromethane
Concen: 20.005 ug/l
RT: 9.40 min Scan# 2373
Delta R.T. 0.00 min
Lab File: VN056456.D
Acq: 24 Jun 2019 15:22

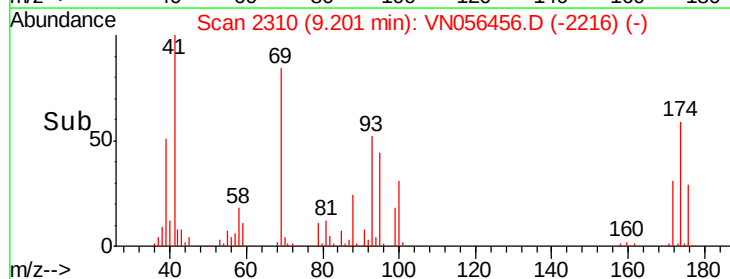
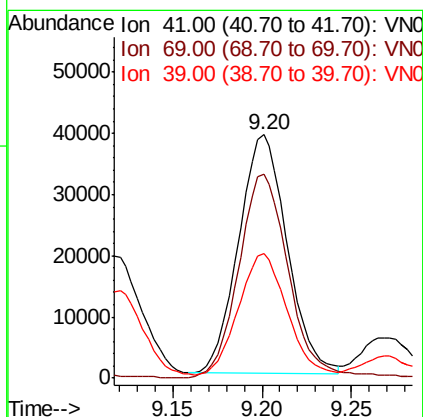
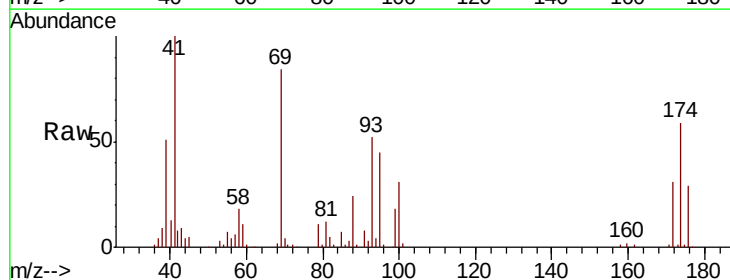
Instrument :
MSVOA_N
ClientSampleId :
VN0624MBS01

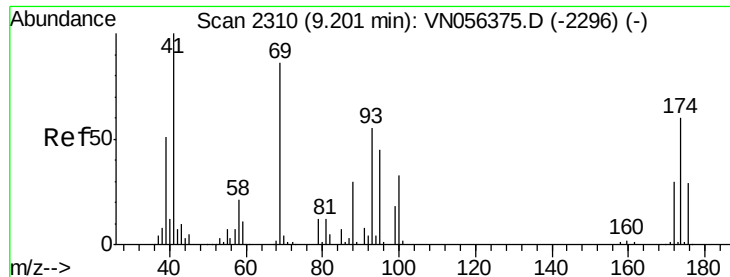
Tot Ion: 83 Resp: 91915
Ion Ratio Lower Upper
83 100
85 66.5 52.2 78.4
127 9.2 7.3 10.9



#48
Methyl methacrylate
Concen: 19.489 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN056456.D
Acq: 24 Jun 2019 15:22

Tgt Ion: 41 Resp: 74496
Ion Ratio Lower Upper
41 100
69 88.1 72.6 109.0
39 53.3 42.6 63.8





#49

1,4-Dioxane

Concen: 334.540 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. 0.01 min

Lab File: VN056456.D

Acq: 24 Jun 2019 15:22

Instrument :

MSVOA_N

ClientSampleId :

VN0624MBS01

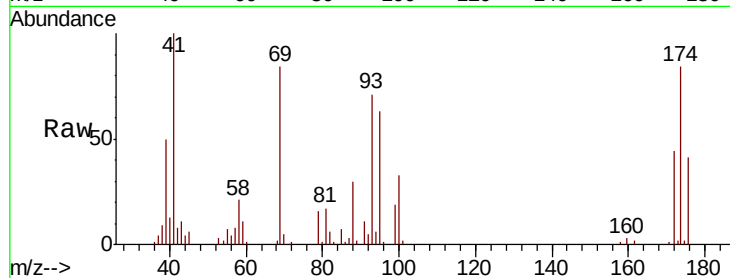
Tot Ion: 88 Resp: 26537

Ion Ratio Lower Upper

88 100

43 27.1 22.0 33.0

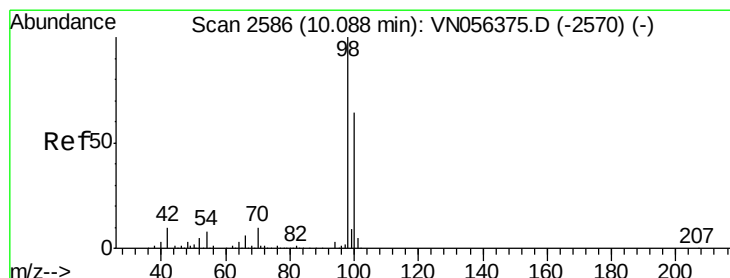
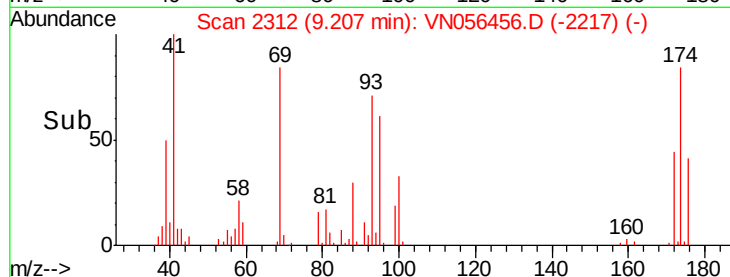
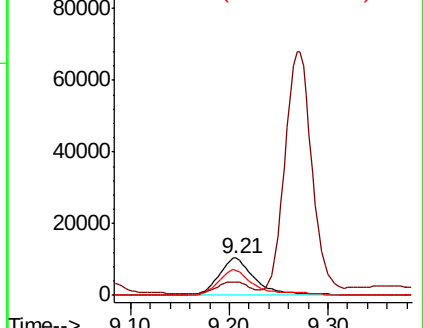
58 63.8 51.8 77.8



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 51.586 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056456.D

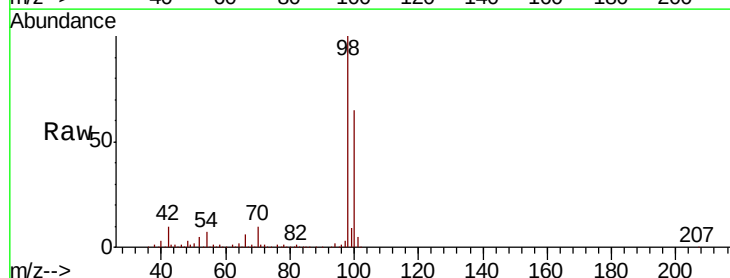
Acq: 24 Jun 2019 15:22

Tgt Ion: 98 Resp: 716119

Ion Ratio Lower Upper

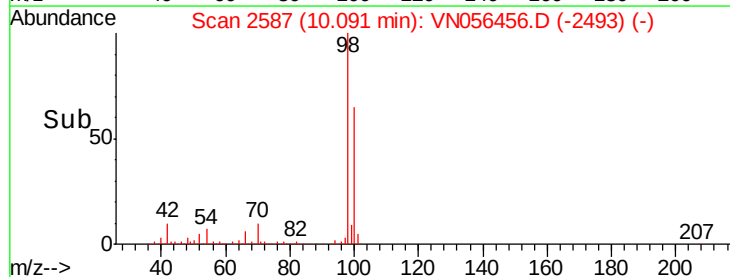
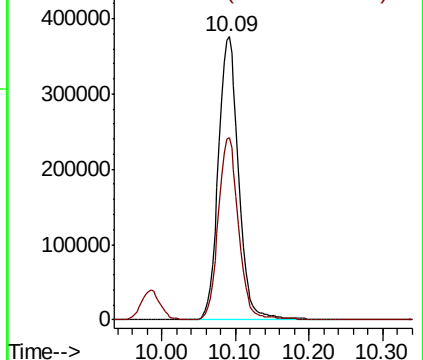
98 100

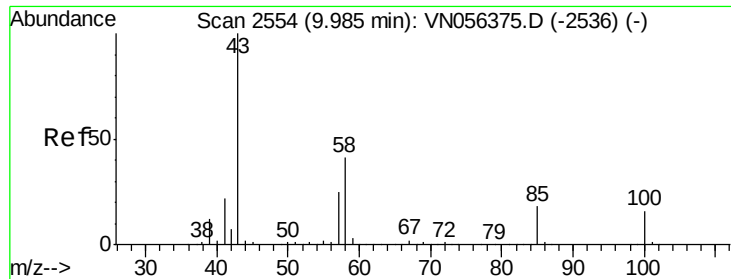
100 64.6 52.2 78.2



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: 97.667 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN056456.D

Acq: 24 Jun 2019 15:22

Instrument :

MSVOA_N

ClientSampled :

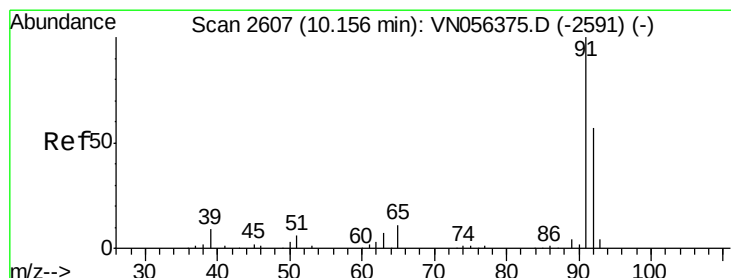
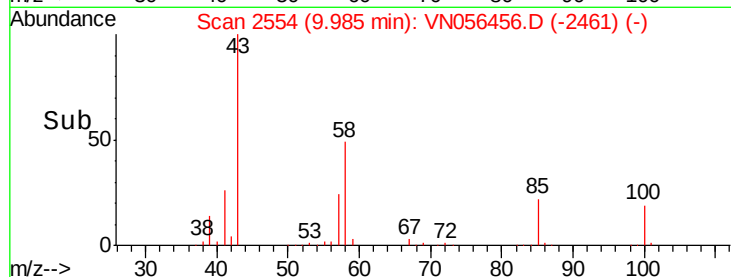
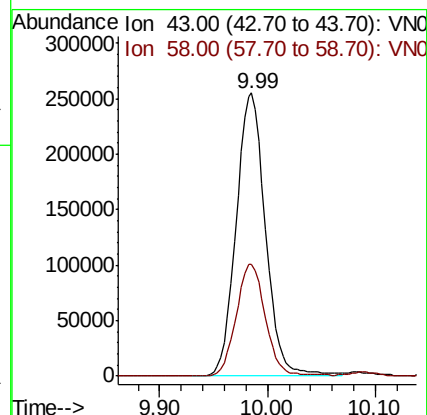
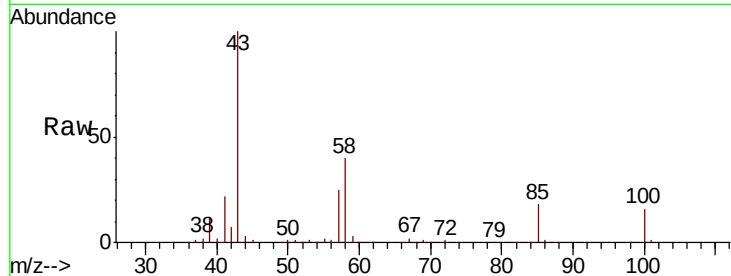
VN0624MBS01

Tot Ion: 43 Resp: 480839

Ion Ratio Lower Upper

43 100

58 39.7 31.8 47.8



#52

Toluene

Concen: 19.518 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN056456.D

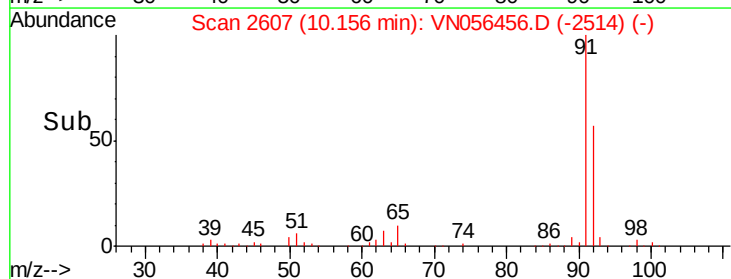
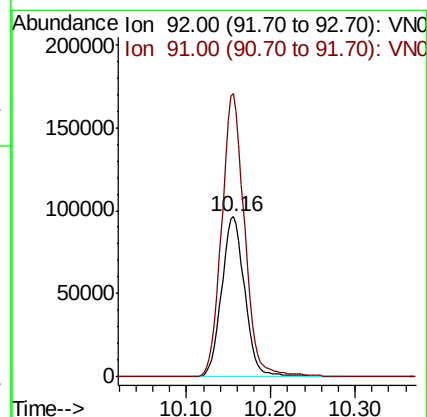
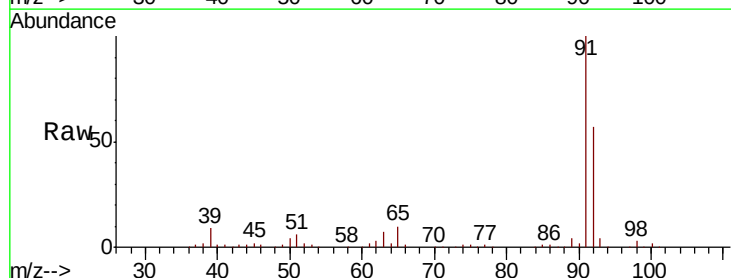
Acq: 24 Jun 2019 15:22

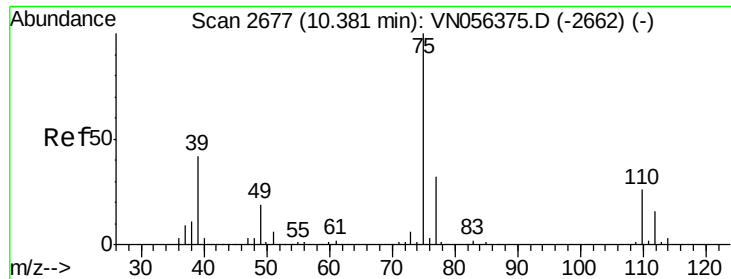
Tgt Ion: 92 Resp: 184761

Ion Ratio Lower Upper

92 100

91 174.6 140.6 211.0





#53

t-1,3-Dichloropropene

Concen: 19.503 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN056456.D

Acq: 24 Jun 2019 15:22

Instrument :

MSVOA_N

ClientSampleId :

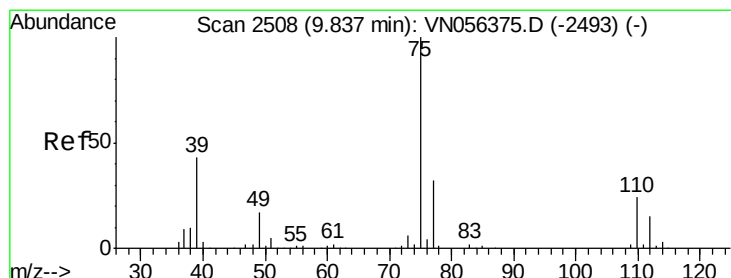
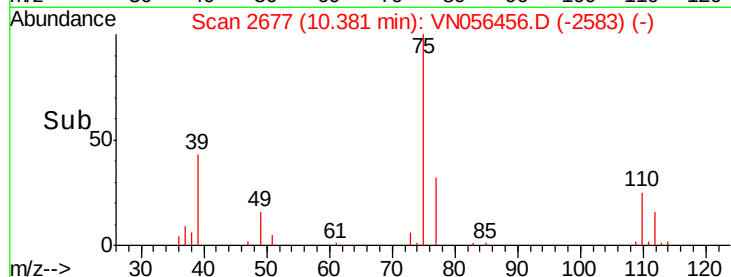
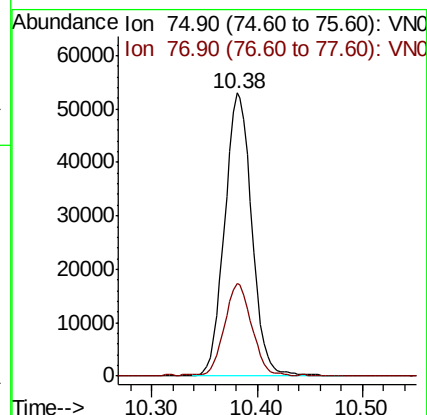
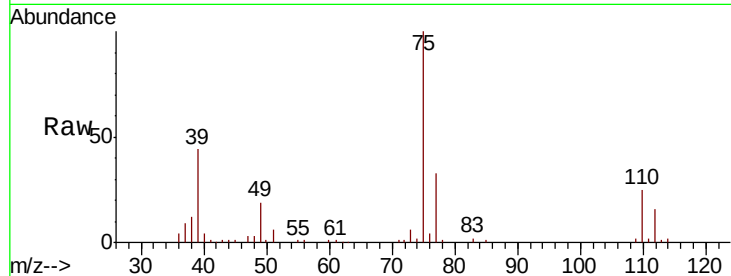
VN0624MBS01

Tot Ion: 75 Resp: 94353

Ion Ratio Lower Upper

75 100

77 32.6 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 19.806 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. 0.00 min

Lab File: VN056456.D

Acq: 24 Jun 2019 15:22

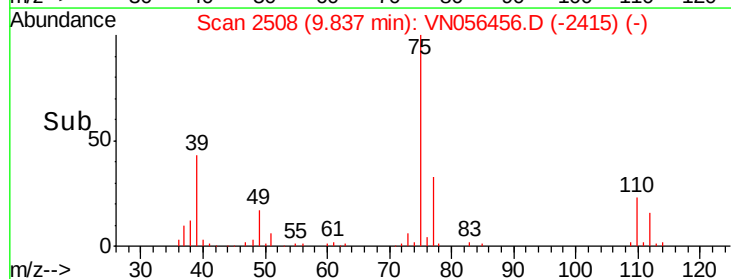
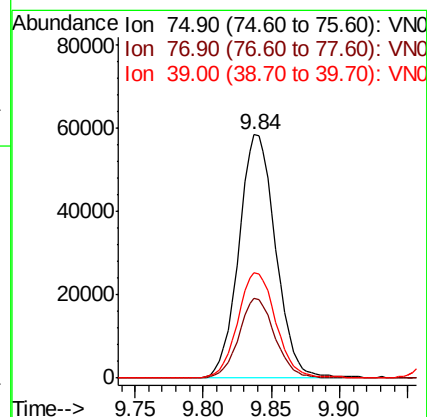
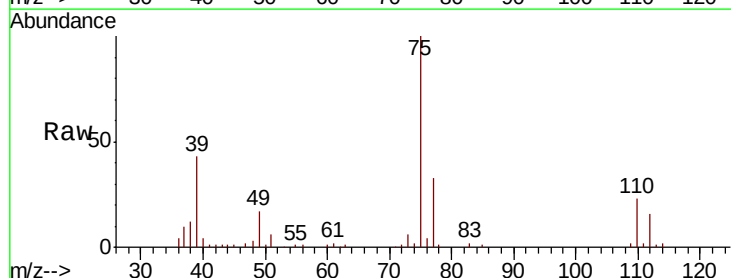
Tgt Ion: 75 Resp: 109587

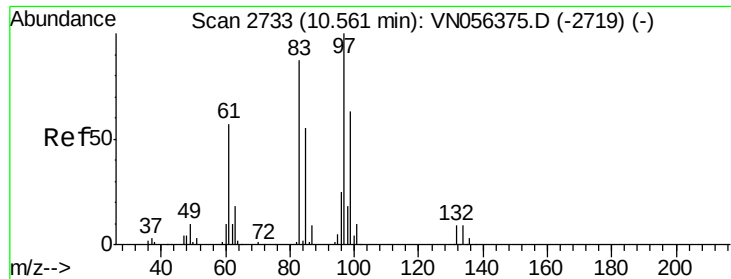
Ion Ratio Lower Upper

75 100

77 32.8 25.2 37.8

39 43.2 34.2 51.4



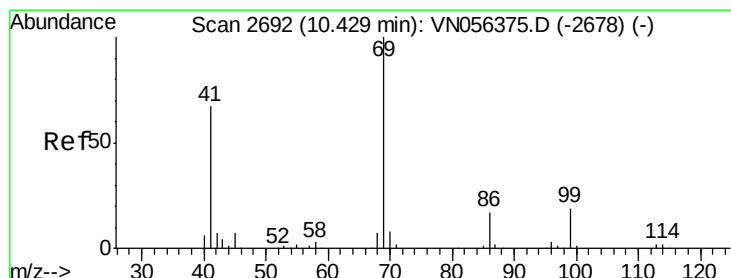
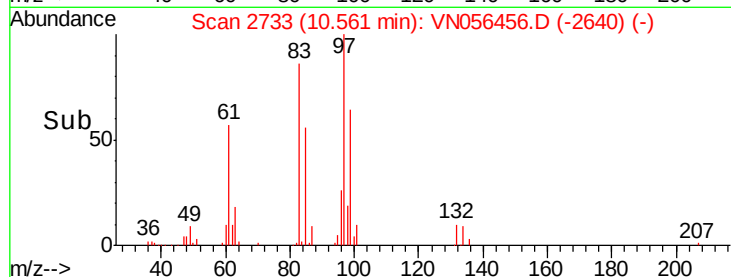
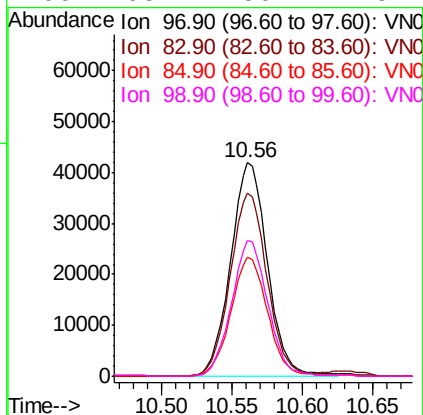
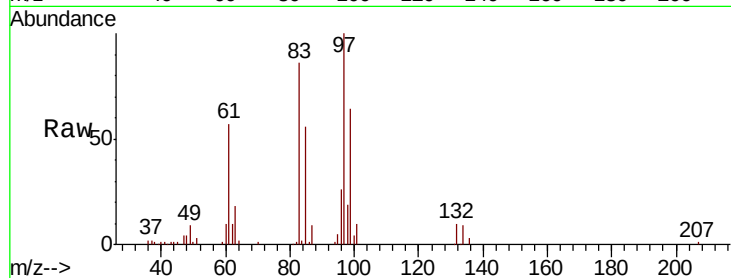


#55
 1,1,2-Trichloroethane
 Concen: 20.178 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN056456.D
 Acq: 24 Jun 2019 15:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624MBS01

Tot Ion: 97 Resp: 76777

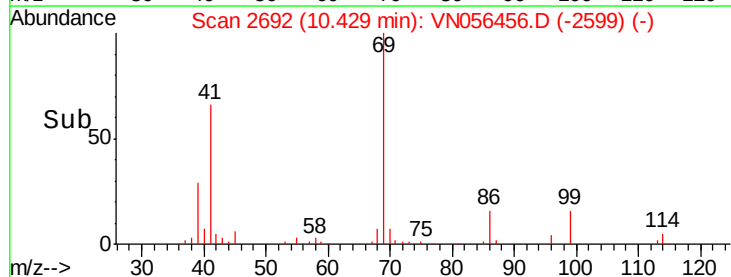
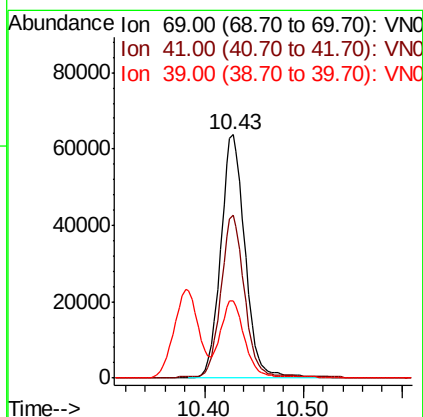
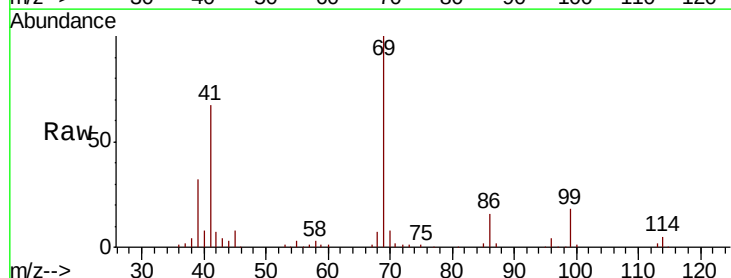
Ion	Ratio	Lower	Upper
97	100		
83	85.9	69.8	104.6
85	55.7	43.8	65.8
99	63.7	50.2	75.2

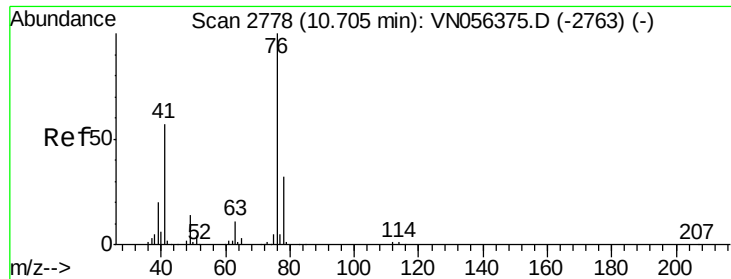


#56
 Ethyl methacrylate
 Concen: 19.835 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN056456.D
 Acq: 24 Jun 2019 15:22

Tgt Ion: 69 Resp: 110295

Ion	Ratio	Lower	Upper
69	100		
41	63.8	51.4	77.2
39	30.7	24.7	37.1

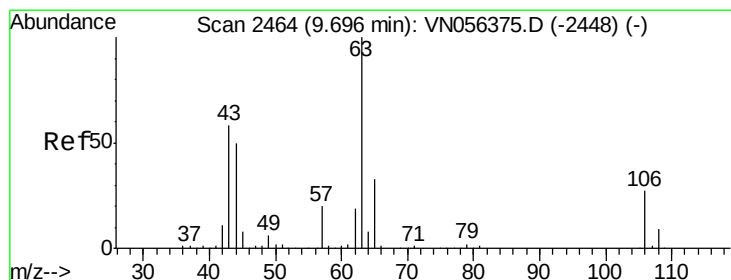
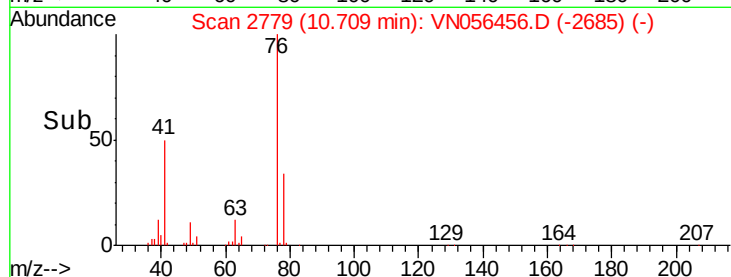
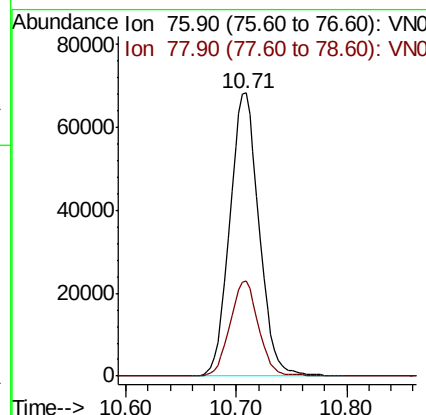
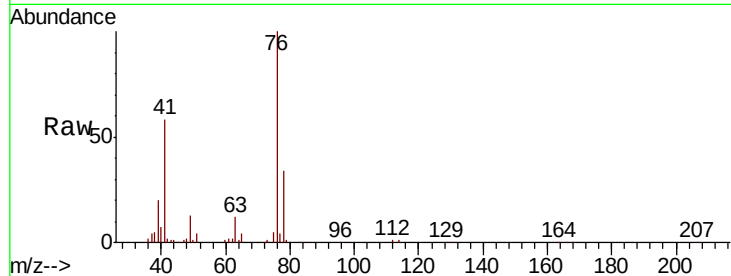




#57
 1,3-Dichloropropane
 Concen: 19.674 ug/l
 RT: 10.71 min Scan# 2779
 Delta R.T. 0.00 min
 Lab File: VN056456.D
 Acq: 24 Jun 2019 15:22

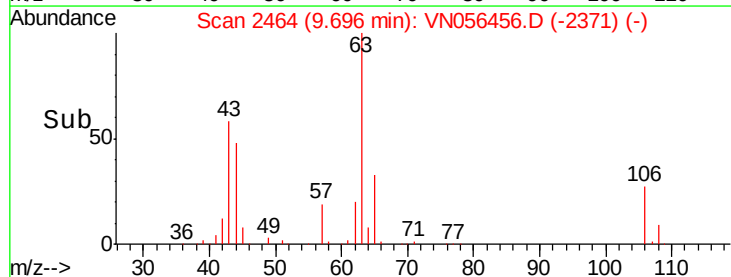
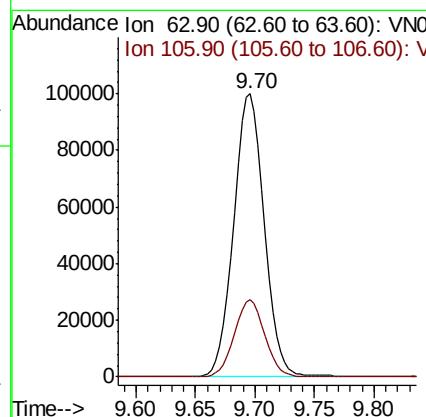
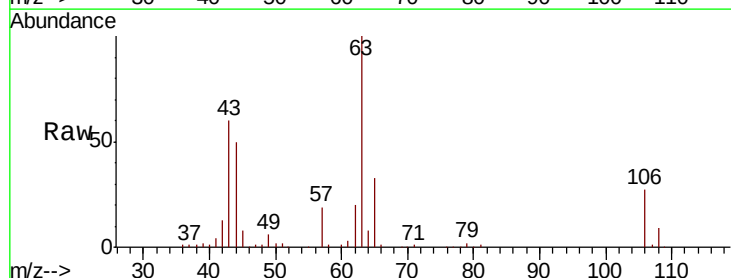
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624MBS01

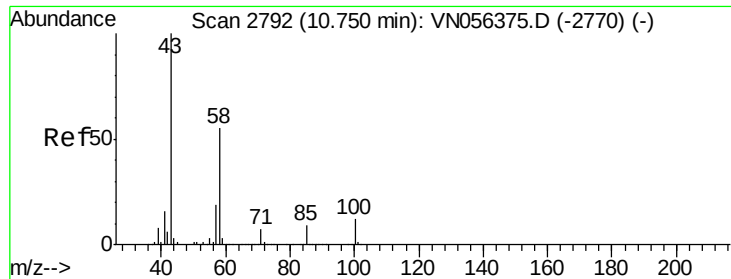
Tot Ion: 76 Resp: 125760
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 89.148 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN056456.D
 Acq: 24 Jun 2019 15:22

Tgt Ion: 63 Resp: 178092
 Ion Ratio Lower Upper
 63 100
 106 27.1 21.6 32.4

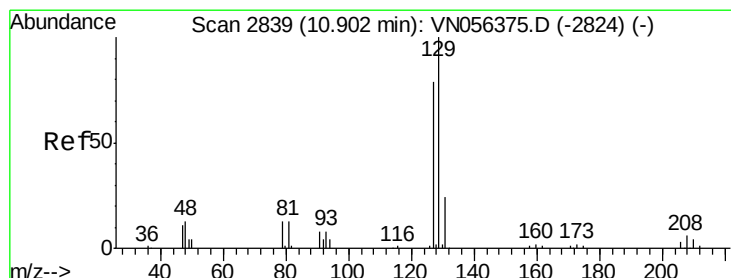
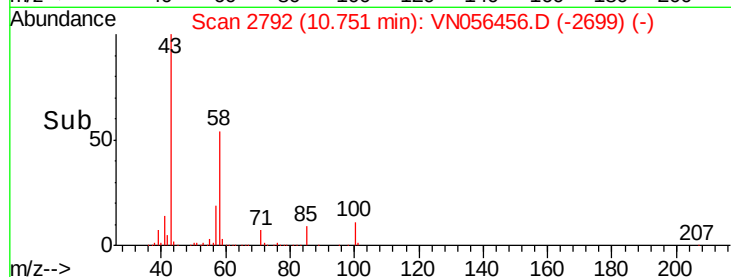
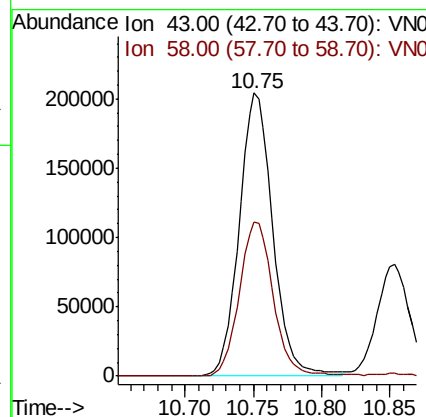
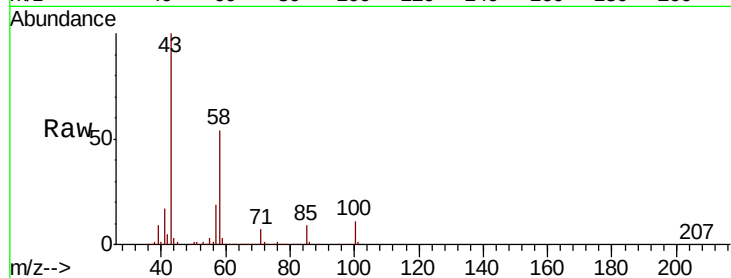




#59
2-Hexanone
Concen: 95.567 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN056456.D
Acq: 24 Jun 2019 15:22

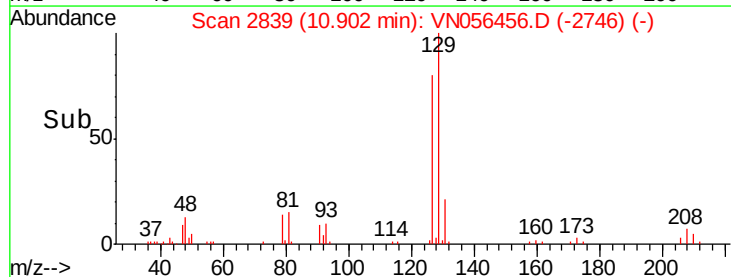
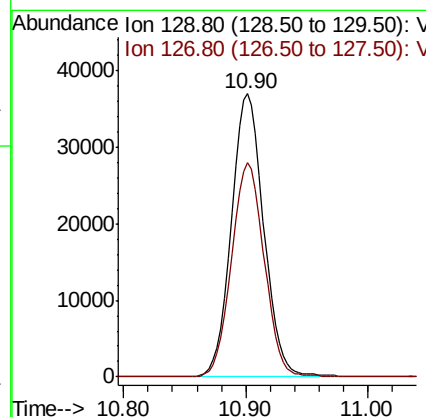
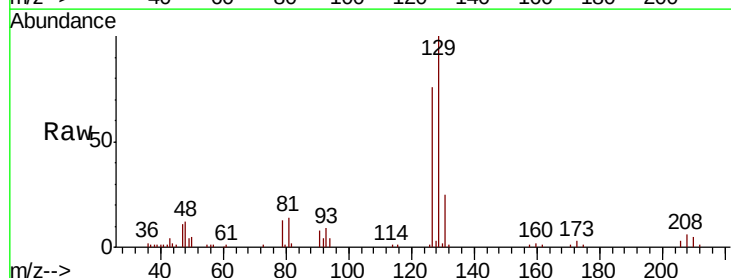
Instrument :
MSVOA_N
ClientSampled :
VN0624MBS01

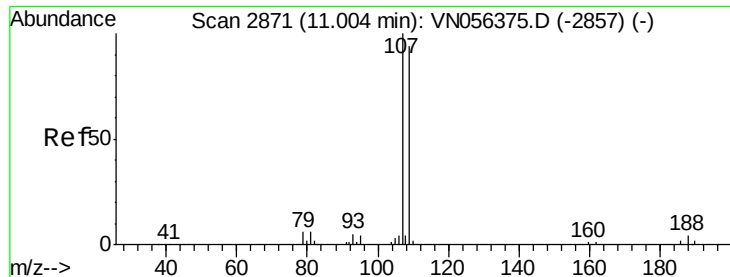
Tot Ion: 43 Resp: 345801
Ion Ratio Lower Upper
43 100
58 55.6 27.8 83.4



#60
Dibromochloromethane
Concen: 19.037 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN056456.D
Acq: 24 Jun 2019 15:22

Tgt Ion: 129 Resp: 68396
Ion Ratio Lower Upper
129 100
127 76.2 38.9 116.7

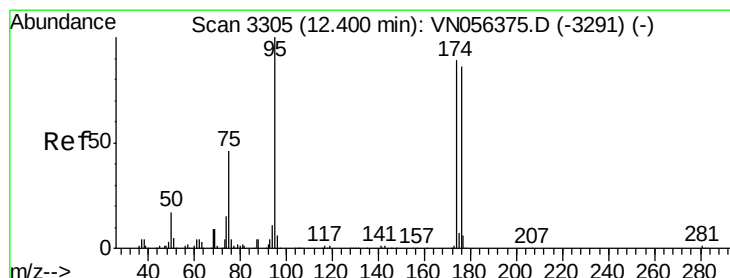
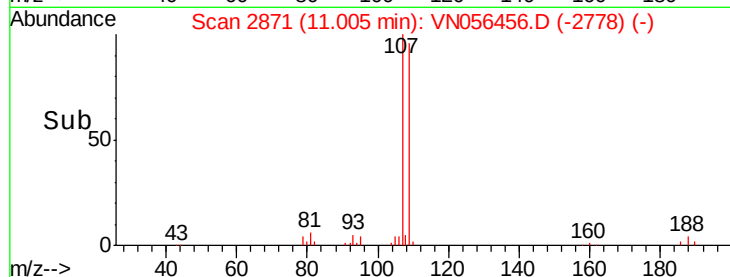
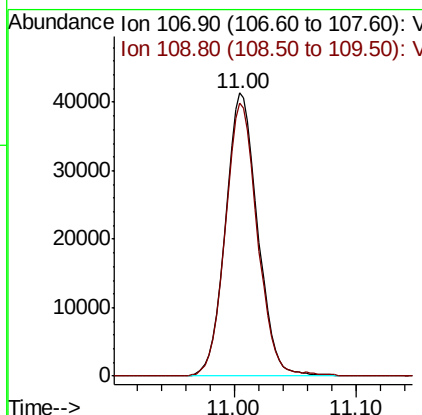
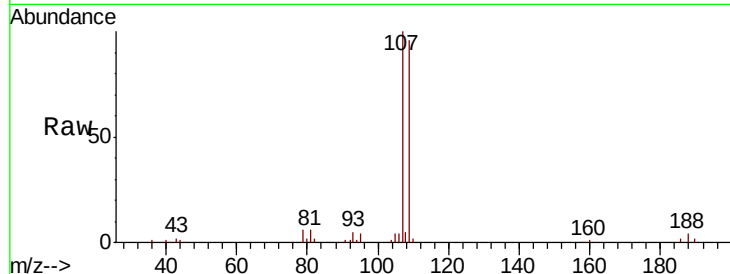




#61
 1,2-Dibromoethane
 Concen: 19.585 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. 0.00 min
 Lab File: VN056456.D
 Acq: 24 Jun 2019 15:22

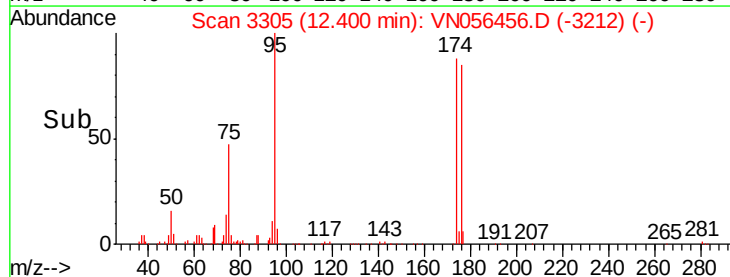
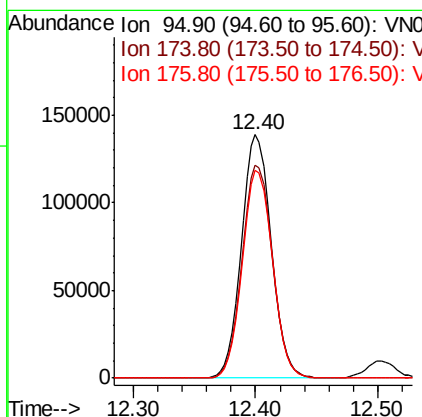
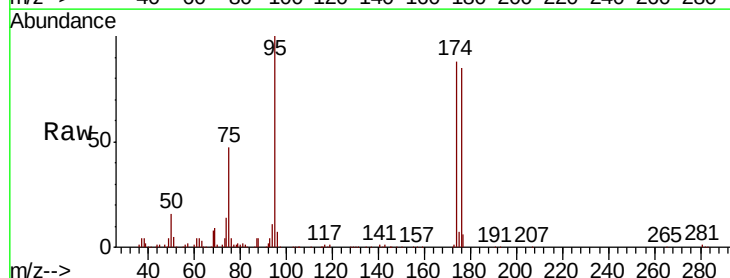
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624MBS01

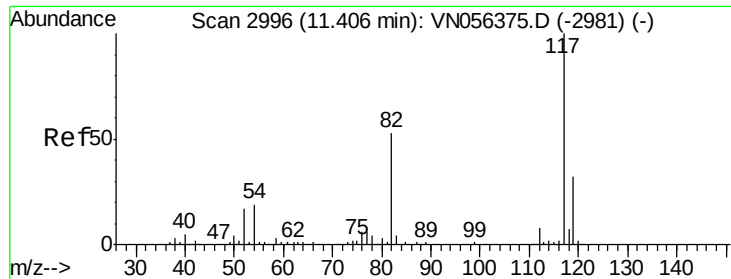
Tot Ion:107 Resp: 76111
 Ion Ratio Lower Upper
 107 100
 109 96.5 75.3 112.9



#62
 4-Bromofluorobenzene
 Concen: 50.475 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN056456.D
 Acq: 24 Jun 2019 15:22

Tgt Ion: 95 Resp: 233580
 Ion Ratio Lower Upper
 95 100
 174 89.1 0.0 179.4
 176 86.8 0.0 173.4

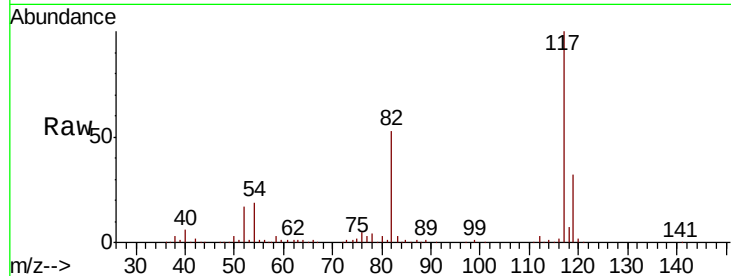




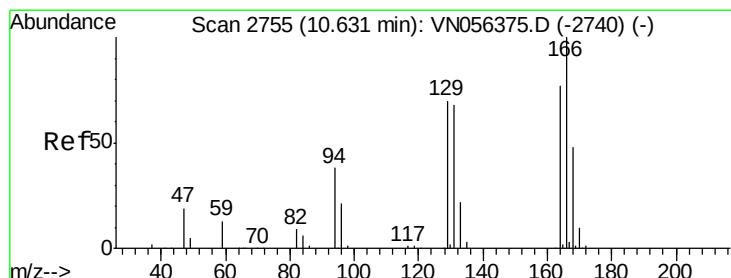
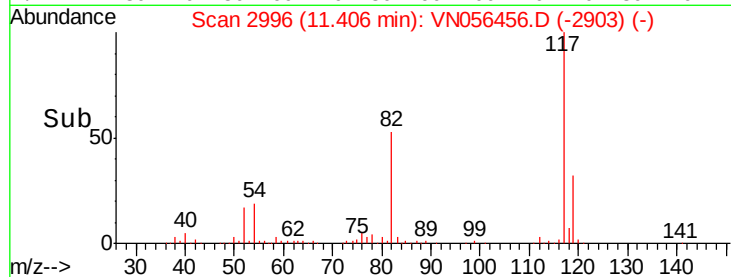
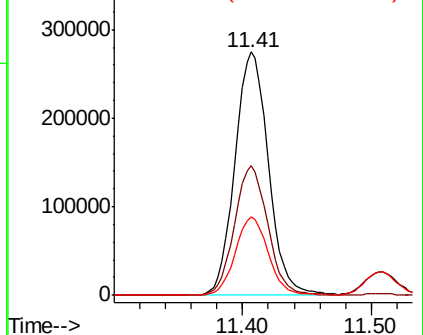
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056456.D
Acq: 24 Jun 2019 15:22

Instrument :
MSVOA_N
ClientSampleId :
VN0624MBS01

Tot Ion:117 Resp: 496694
Ion Ratio Lower Upper
117 100
82 53.1 42.0 63.0
119 32.3 25.3 37.9

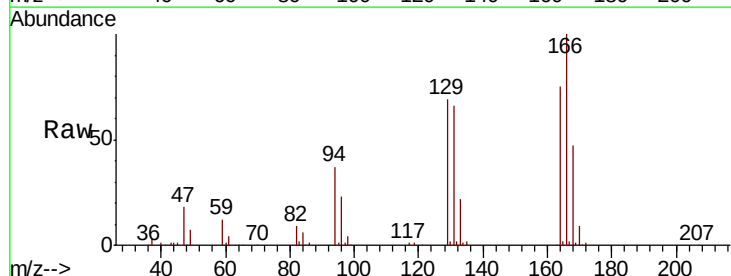


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

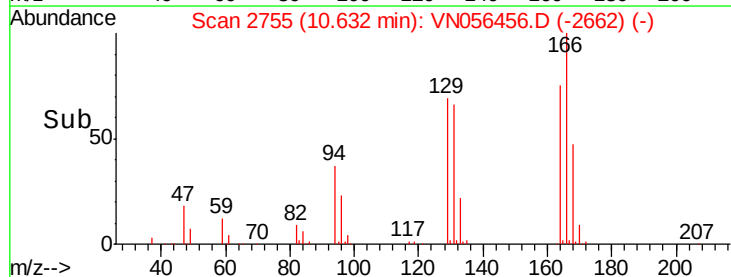
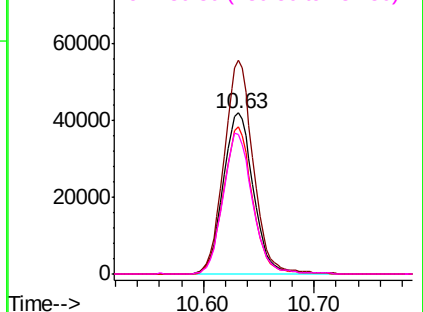


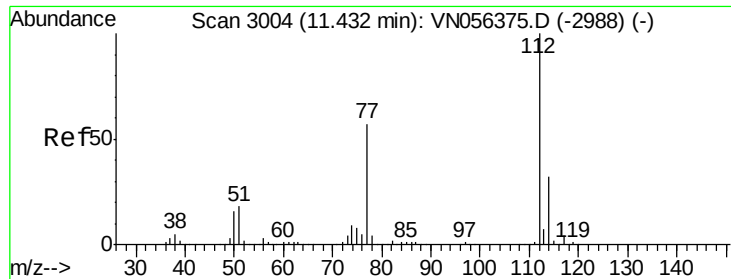
#64
Tetrachloroethene
Concen: 20.271 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN056456.D
Acq: 24 Jun 2019 15:22

Tgt Ion:164 Resp: 79733
Ion Ratio Lower Upper
164 100
166 132.5 103.4 155.0
129 91.1 72.0 108.0
131 86.8 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

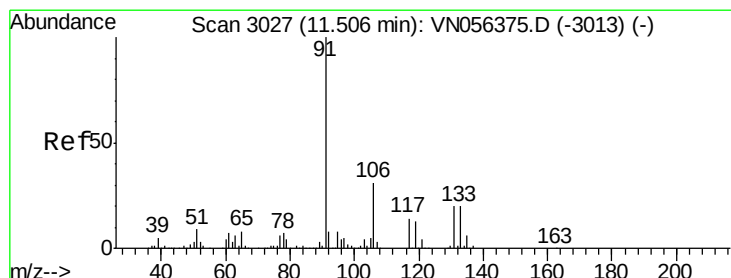
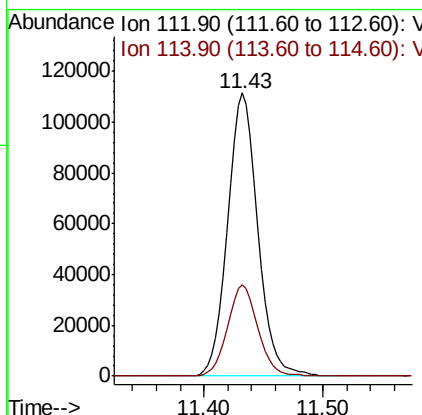
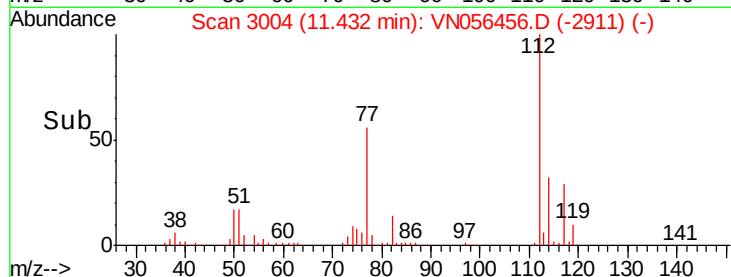
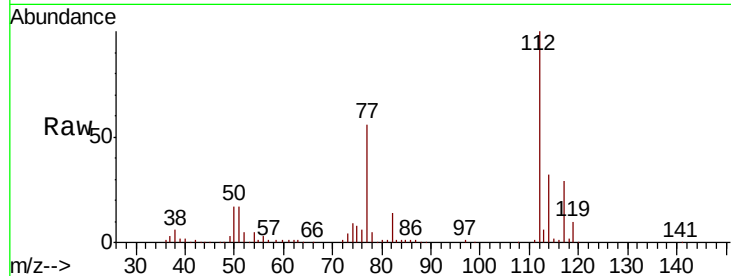




#65
Chlorobenzene
Concen: 19.596 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN056456.D
Acq: 24 Jun 2019 15:22

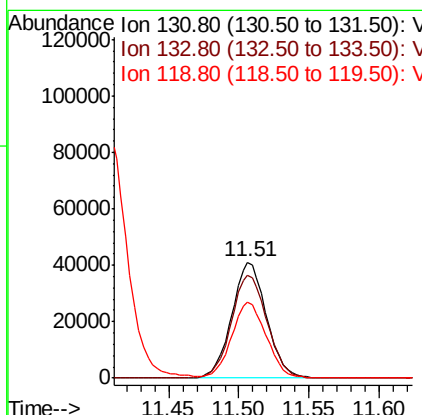
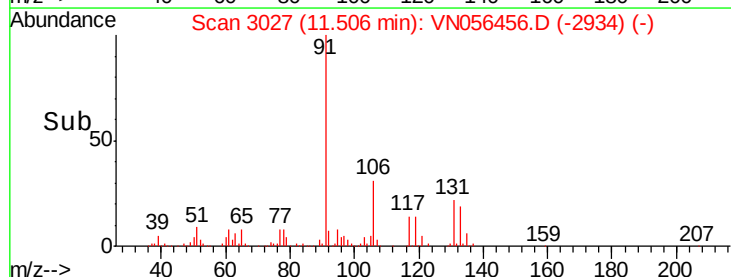
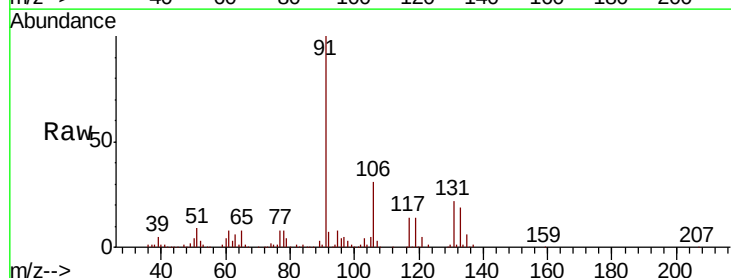
Instrument :
MSVOA_N
ClientSampleId :
VN0624MBS01

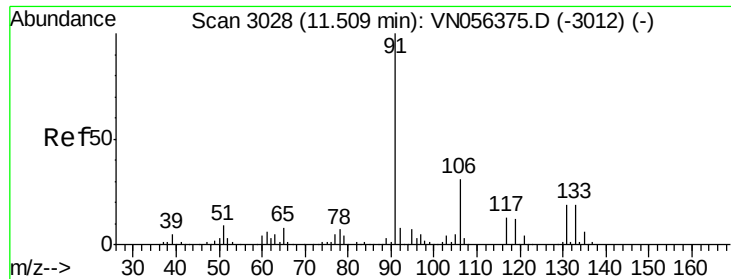
Tot Ion:112 Resp: 195577
Ion Ratio Lower Upper
112 100
114 32.3 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 20.914 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN056456.D
Acq: 24 Jun 2019 15:22

Tgt Ion:131 Resp: 70547
Ion Ratio Lower Upper
131 100
133 91.7 47.4 142.2
119 65.9 32.8 98.4

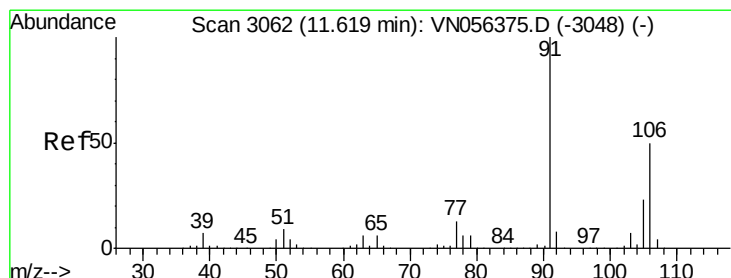
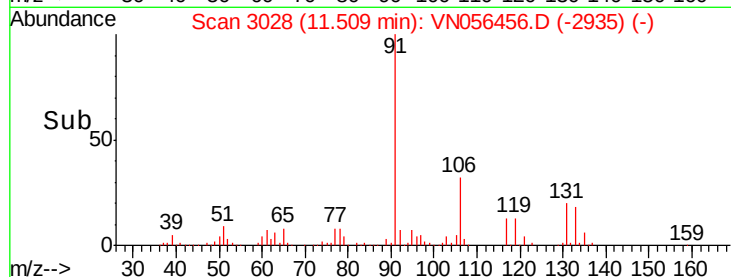
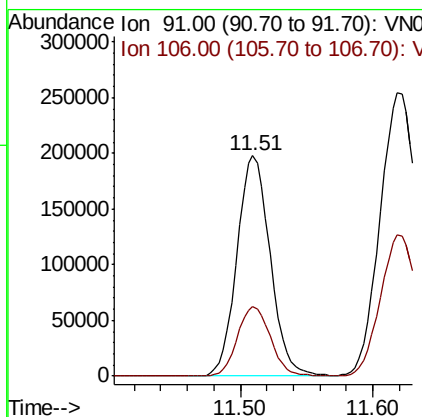
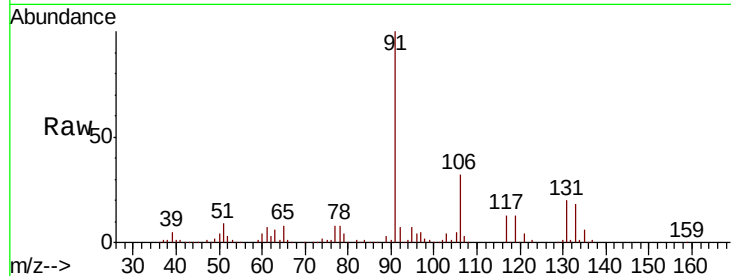




#67
Ethyl Benzene
Concen: 19.677 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN056456.D
Acq: 24 Jun 2019 15:22

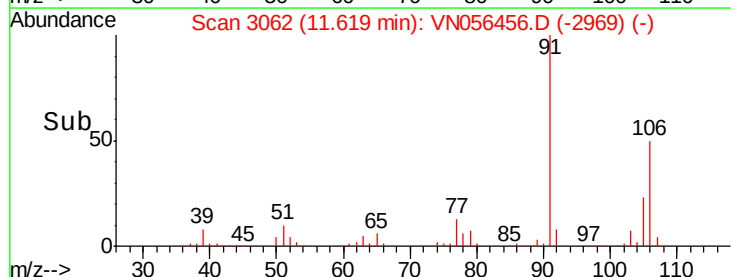
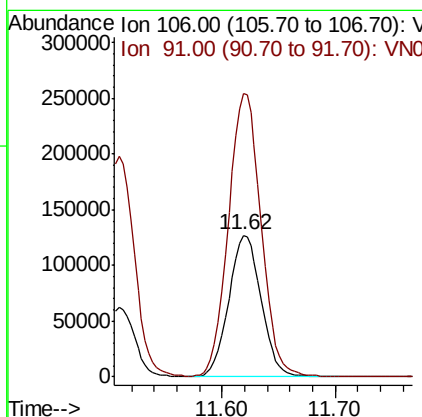
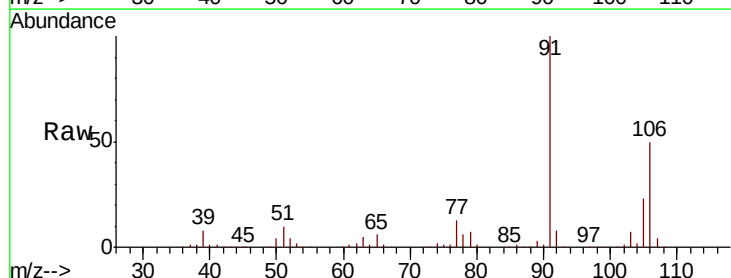
Instrument :
MSVOA_N
ClientSampleId :
VN0624MBS01

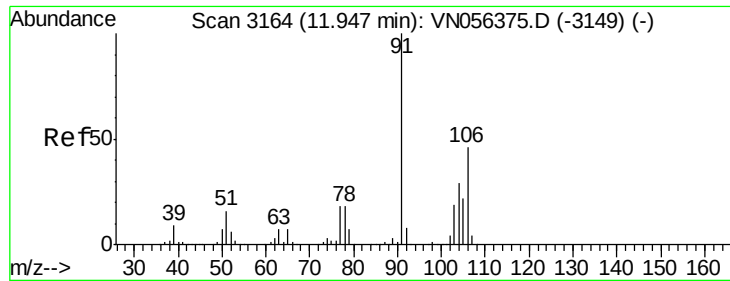
Tot Ion: 91 Resp: 344827
Ion Ratio Lower Upper
91 100
106 31.5 25.1 37.7



#68
m/p-Xylenes
Concen: 39.458 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN056456.D
Acq: 24 Jun 2019 15:22

Tgt Ion:106 Resp: 253409
Ion Ratio Lower Upper
106 100
91 200.6 160.1 240.1

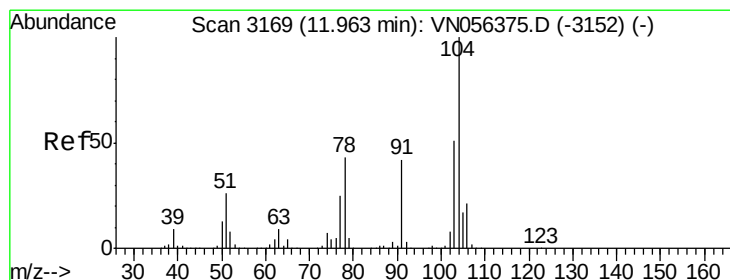
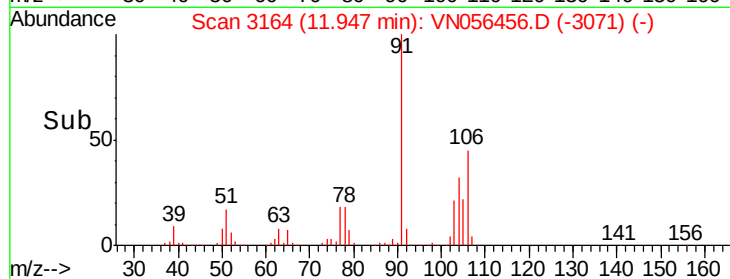
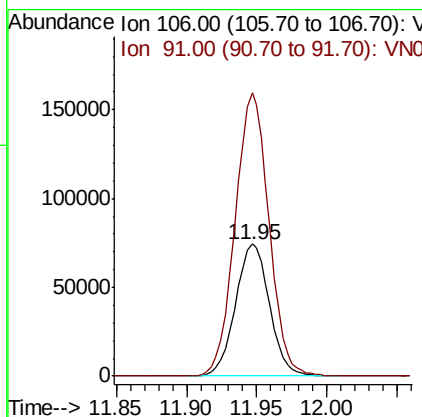
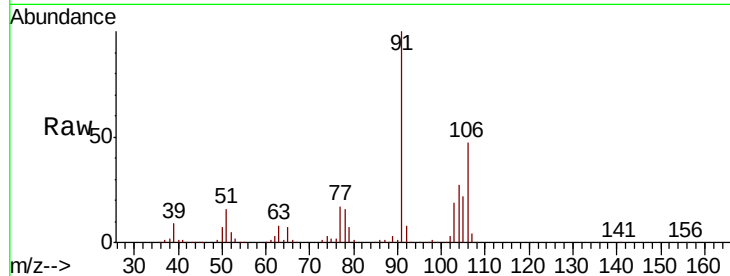




#69
o-Xylene
Concen: 19.797 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN056456.D
Acq: 24 Jun 2019 15:22

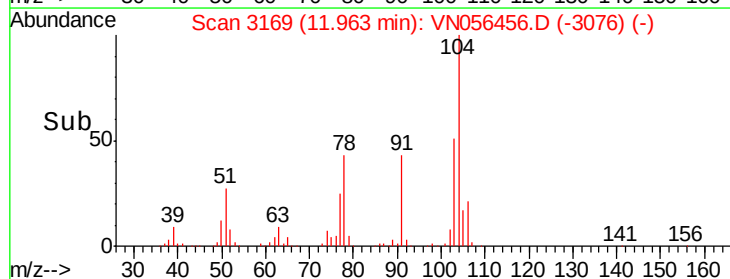
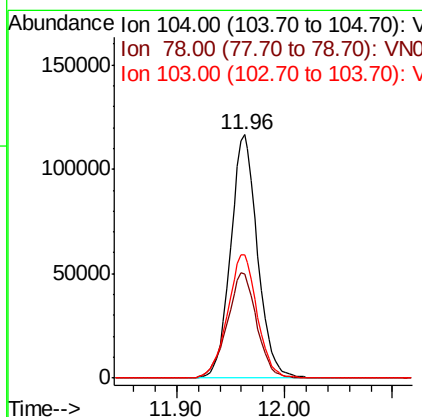
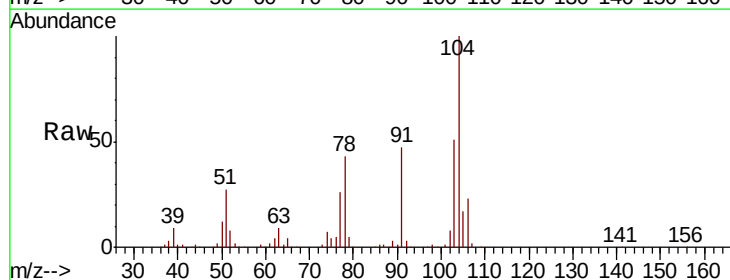
Instrument :
MSVOA_N
ClientSampleId :
VN0624MBS01

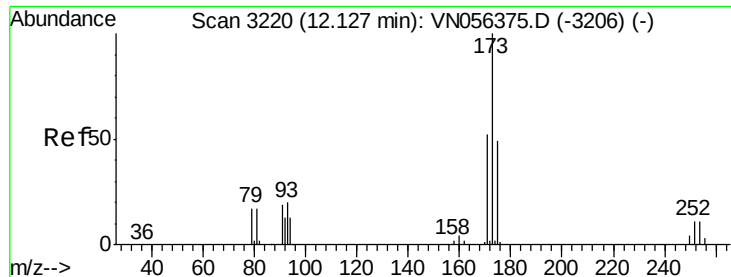
Tot Ion:106 Resp: 125786
Ion Ratio Lower Upper
106 100
91 213.3 107.1 321.3



#70
Styrene
Concen: 19.948 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN056456.D
Acq: 24 Jun 2019 15:22

Tgt Ion:104 Resp: 202593
Ion Ratio Lower Upper
104 100
78 47.3 38.6 57.8
103 55.8 43.9 65.9

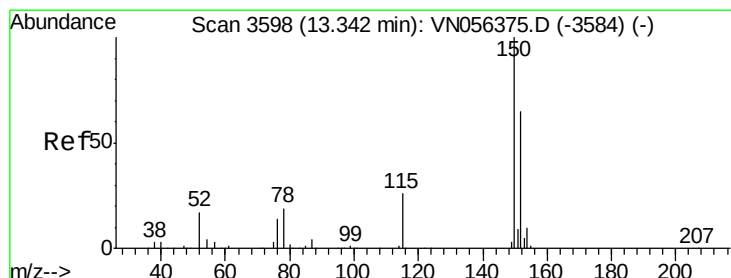
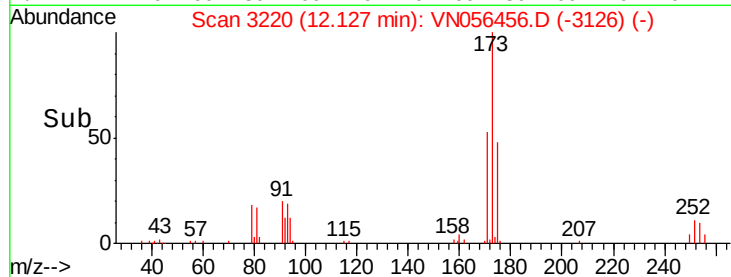
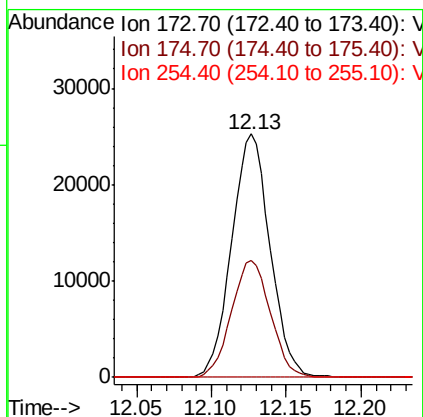
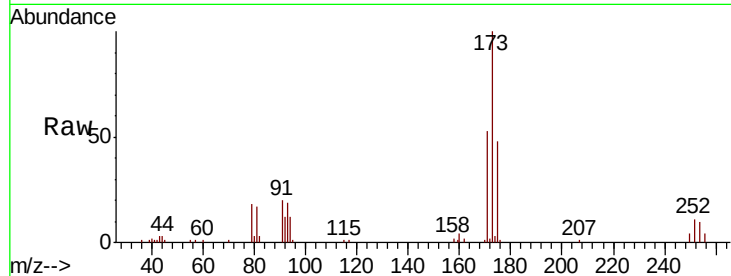




#71
Bromoform
Concen: 18.666 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN056456.D
Acq: 24 Jun 2019 15:22

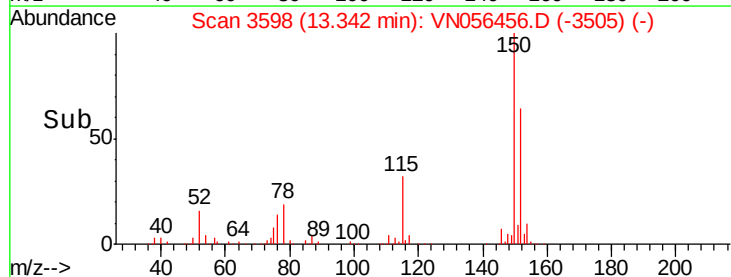
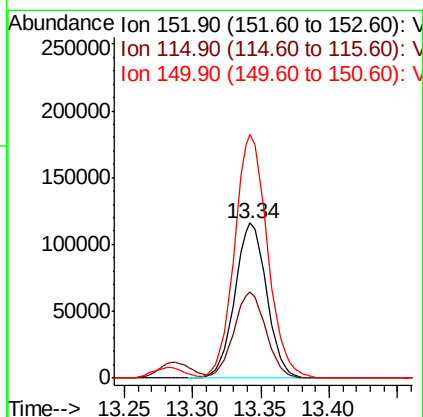
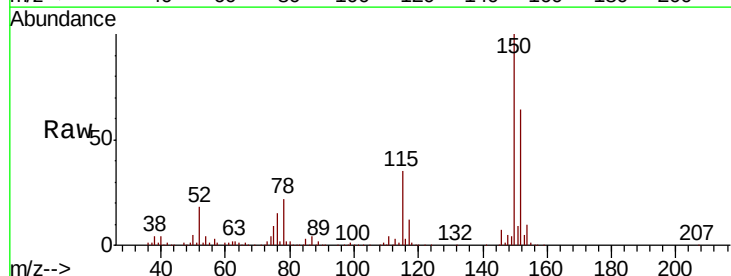
Instrument :
MSVOA_N
ClientSampleId :
VN0624MBS01

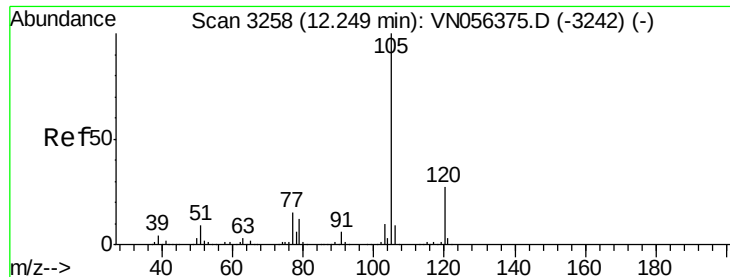
Tot Ion:173 Resp: 45074
Ion Ratio Lower Upper
173 100
175 48.7 24.4 73.4
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN056456.D
Acq: 24 Jun 2019 15:22

Tgt Ion:152 Resp: 188013
Ion Ratio Lower Upper
152 100
115 55.5 28.1 84.4
150 162.1 0.0 348.4





#73

Isopropylbenzene

Concen: 22.447 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN056456.D

Acq: 24 Jun 2019 15:22

Instrument :

MSVOA_N

ClientSampleId :

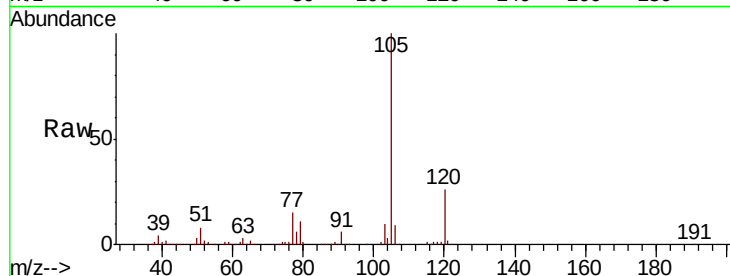
VN0624MBS01

Tot Ion:105 Resp: 337902

Ion Ratio Lower Upper

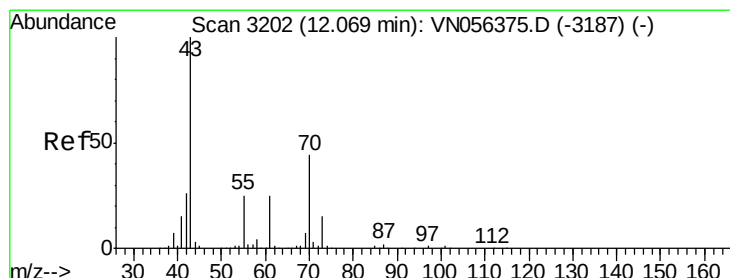
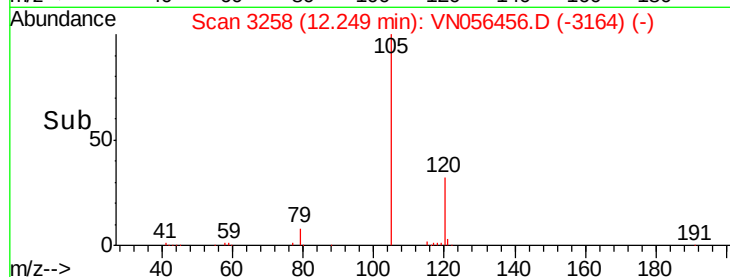
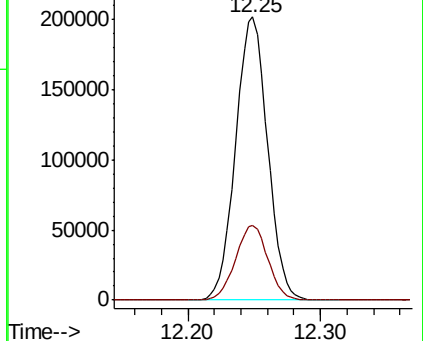
105 100

120 26.6 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: 20.465 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN056456.D

Acq: 24 Jun 2019 15:22

Tgt Ion: 43 Resp: 122455

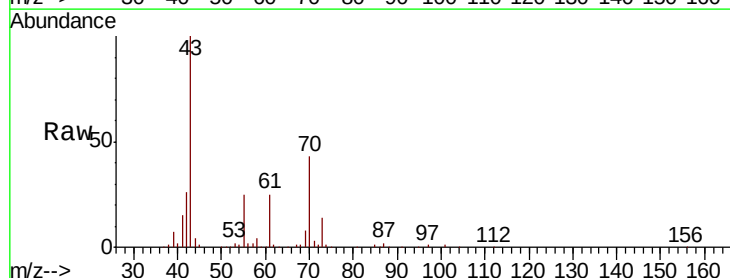
Ion Ratio Lower Upper

43 100

70 43.6 34.9 52.3

55 25.3 20.4 30.6

61 24.8 19.8 29.8

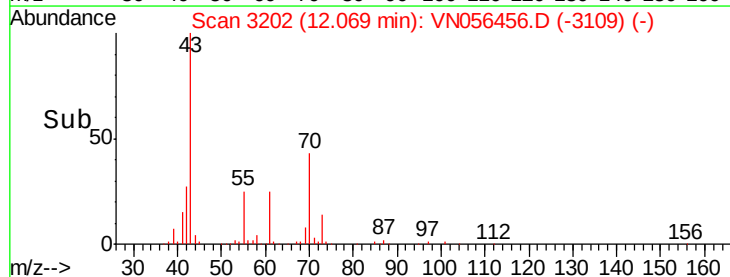
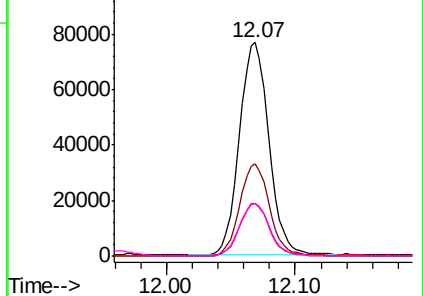


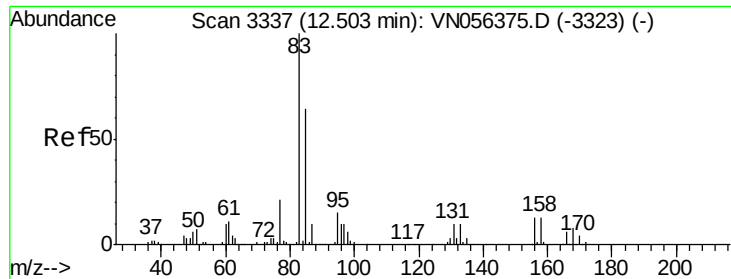
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 22.282 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN056456.D

Acq: 24 Jun 2019 15:22

Instrument :

MSVOA_N

ClientSampled :

VN0624MBS01

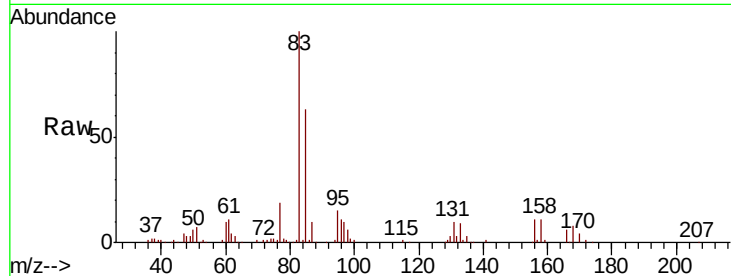
Tot Ion: 83 Resp: 104864

Ion Ratio Lower Upper

83 100

131 10.6 5.3 15.8

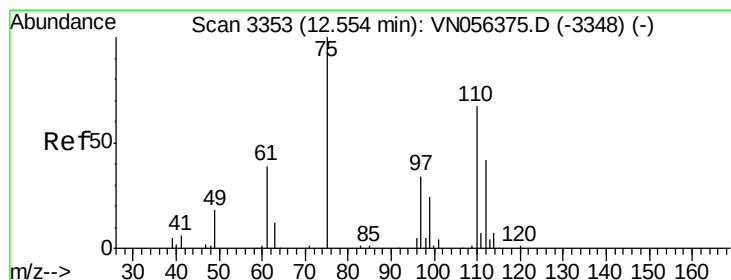
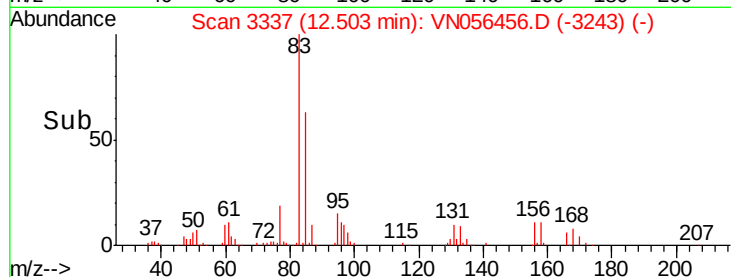
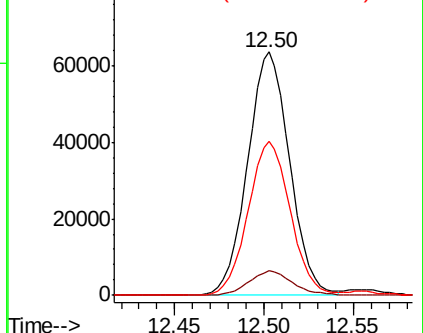
85 63.6 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 29.934 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN056456.D

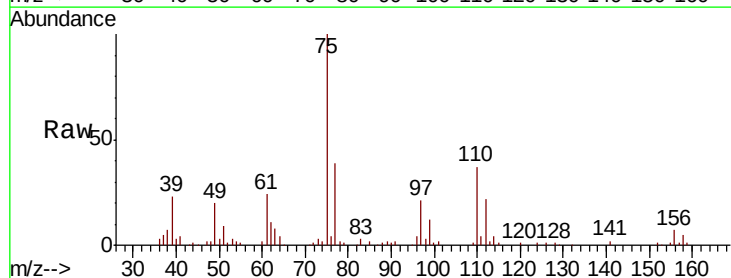
Acq: 24 Jun 2019 15:22

Tgt Ion: 75 Resp: 116696

Ion Ratio Lower Upper

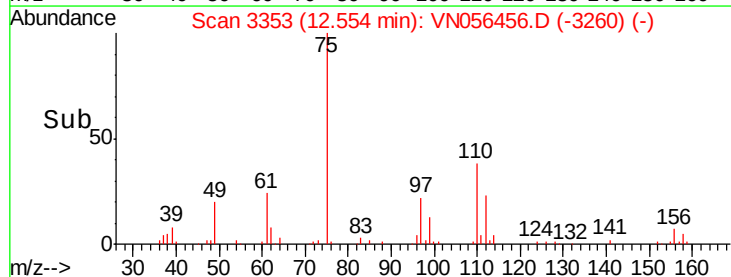
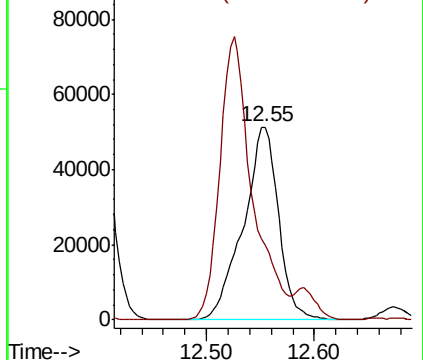
75 100

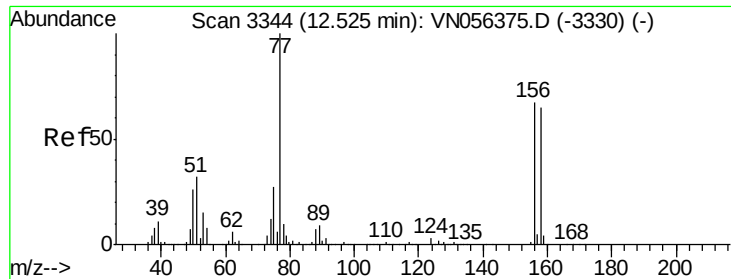
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 21.539 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN056456.D

Acq: 24 Jun 2019 15:22

Instrument :

MSVOA_N

ClientSampled :

VN0624MBS01

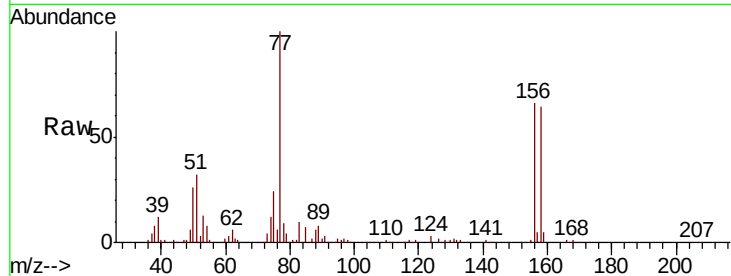
Tot Ion:156 Resp: 90550

Ion Ratio Lower Upper

156 100

77 174.9 92.5 277.3

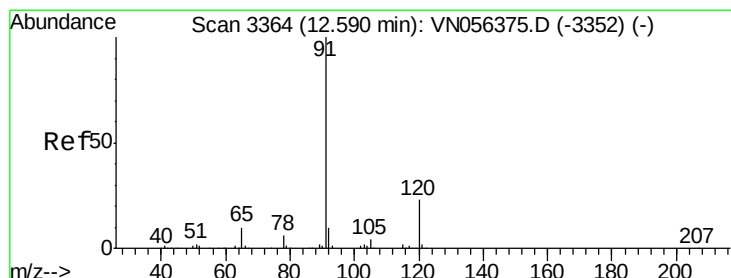
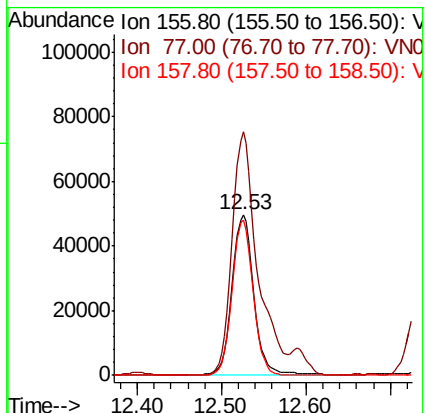
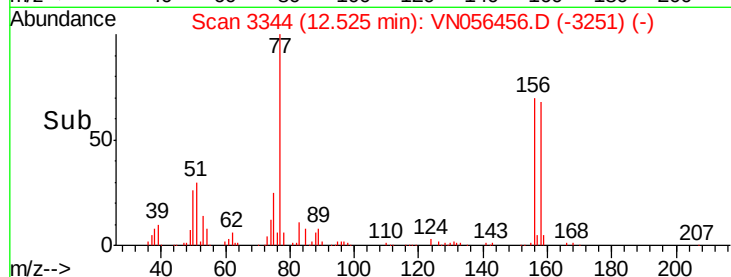
158 91.3 48.7 146.1



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: 20.342 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN056456.D

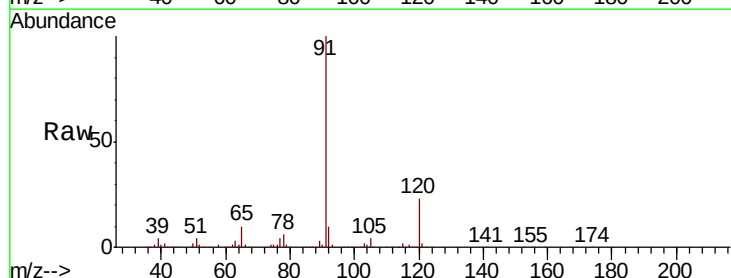
Acq: 24 Jun 2019 15:22

Tgt Ion: 91 Resp: 350232

Ion Ratio Lower Upper

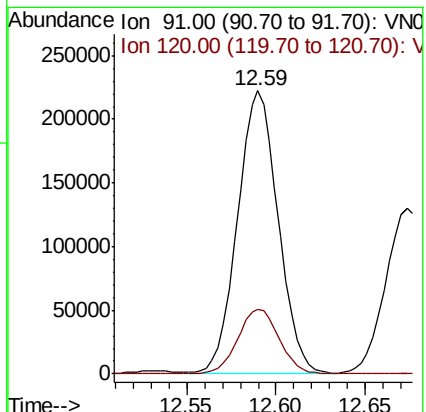
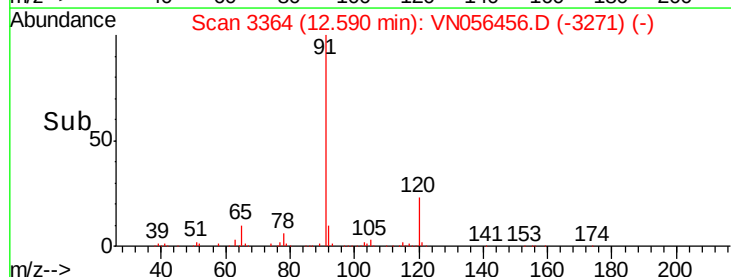
91 100

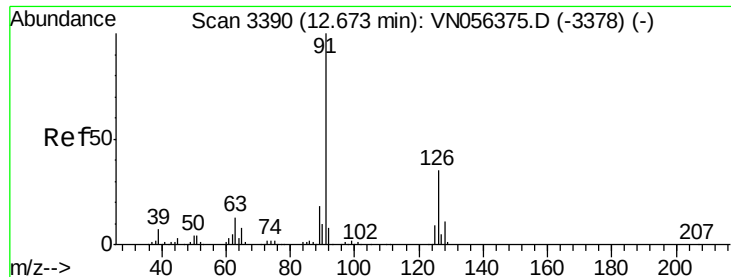
120 23.4 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.867 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN056456.D

Acq: 24 Jun 2019 15:22

Instrument :

MSVOA_N

ClientSampleId :

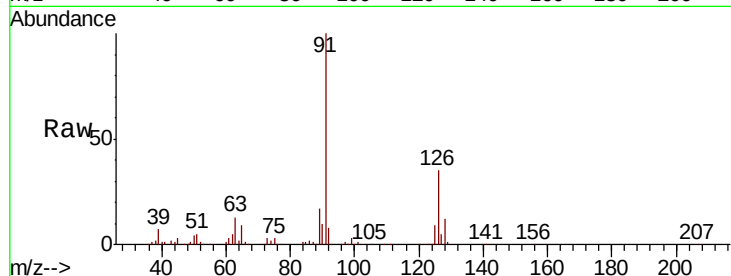
VN0624MBS01

Tot Ion: 91 Resp: 219889

Ion Ratio Lower Upper

91 100

126 34.9 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): VN056375.D (-3378) (-)

Ion 125.90 (125.60 to 126.60): VN056375.D (-3378) (-)

12.67

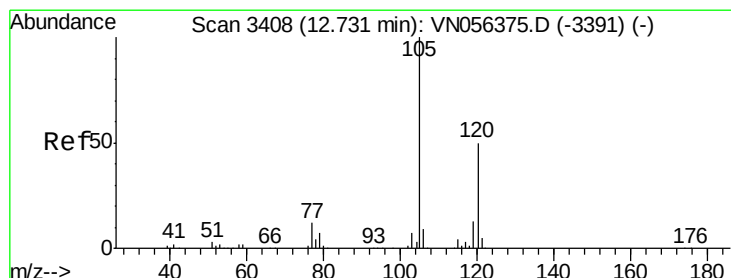
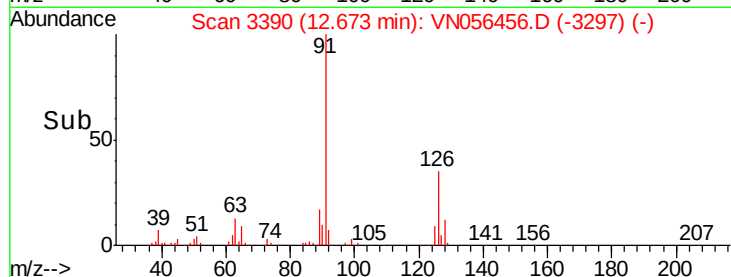
150000

100000

50000

0

Time--> 12.60 12.65 12.70



#80

1,3,5-Trimethylbenzene

Concen: 21.882 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN056456.D

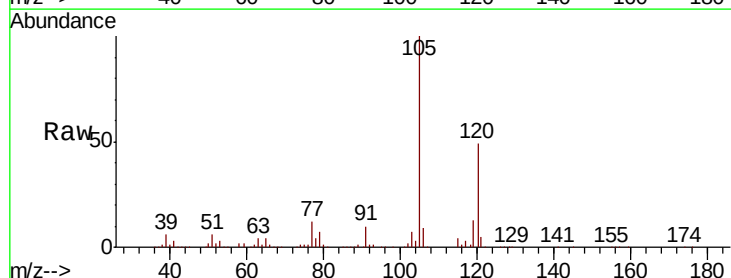
Acq: 24 Jun 2019 15:22

Tgt Ion: 105 Resp: 273954

Ion Ratio Lower Upper

105 100

120 48.7 24.8 74.4



Abundance Ion 105.00 (104.70 to 105.70): VN056375.D (-3391) (-)

Ion 120.00 (119.70 to 120.70): VN056375.D (-3391) (-)

12.73

200000

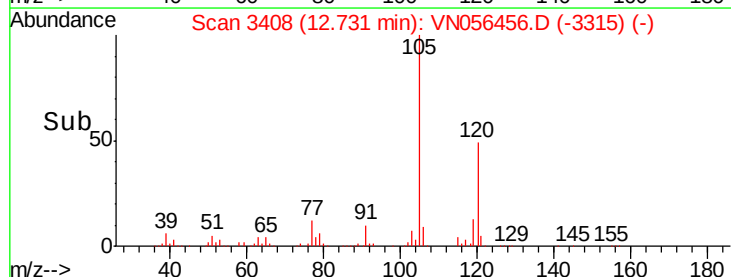
150000

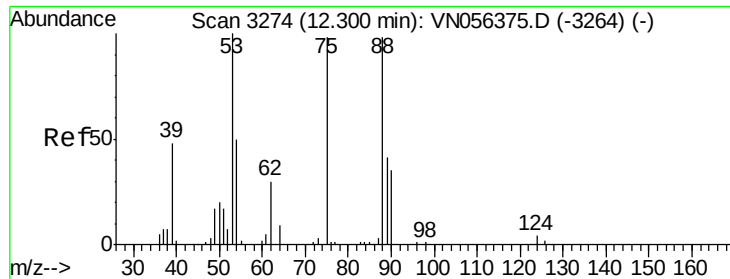
100000

50000

0

Time--> 12.60 12.70 12.80





#81

trans-1,4-Dichloro-2-butene

Concen: 20.471 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN056456.D

Acq: 24 Jun 2019 15:22

Instrument :

MSVOA_N

ClientSampleId :

VN0624MBS01

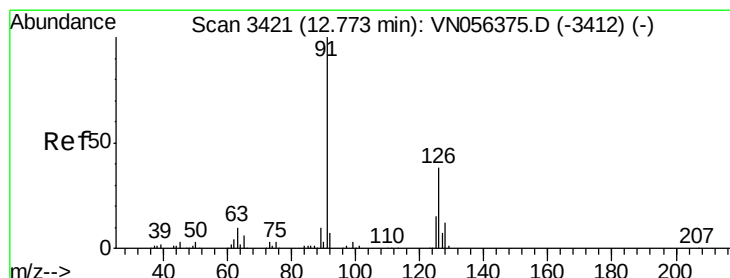
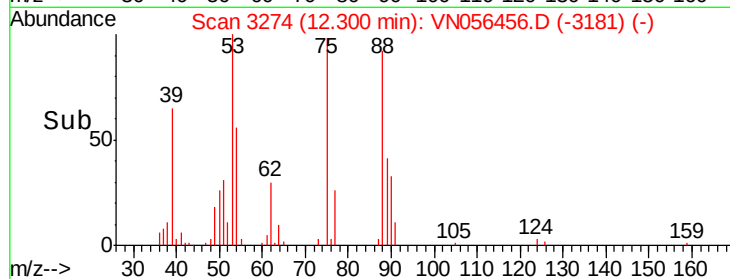
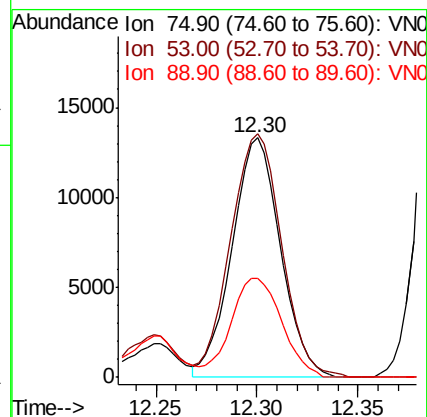
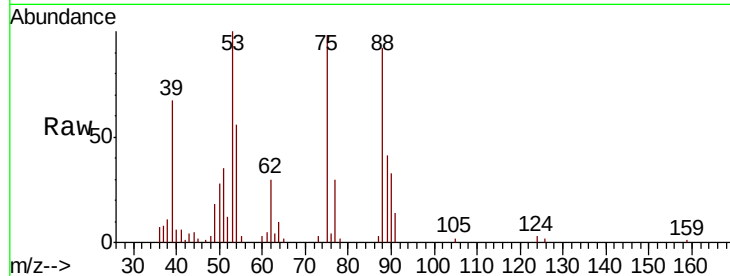
Tot Ion: 75 Resp: 22454

Ion Ratio Lower Upper

75 100

53 107.2 83.9 125.9

89 43.3 35.0 52.6



#82

4-Chlorotoluene

Concen: 19.796 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN056456.D

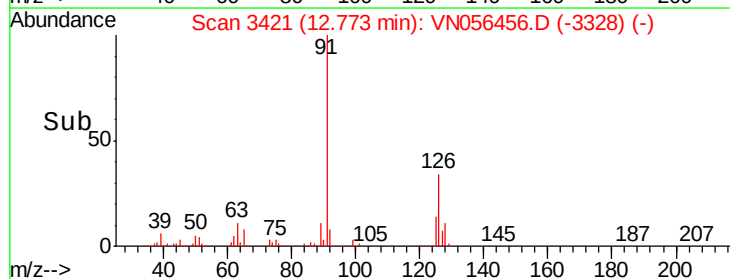
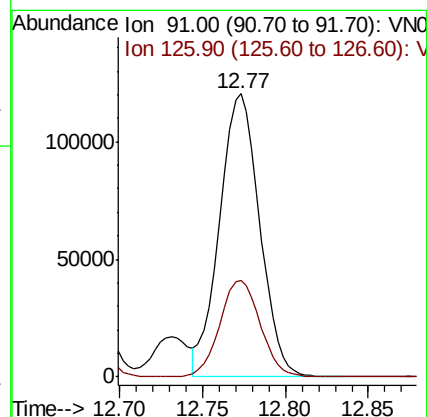
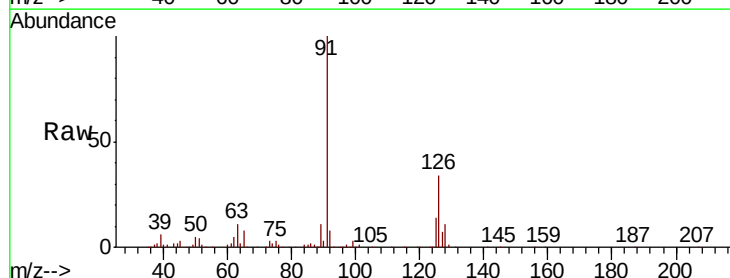
Acq: 24 Jun 2019 15:22

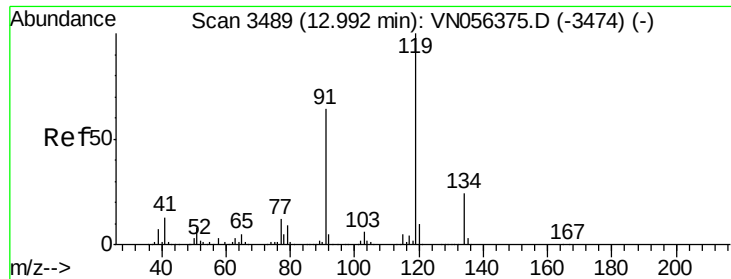
Tgt Ion: 91 Resp: 201246

Ion Ratio Lower Upper

91 100

126 34.5 17.3 52.0

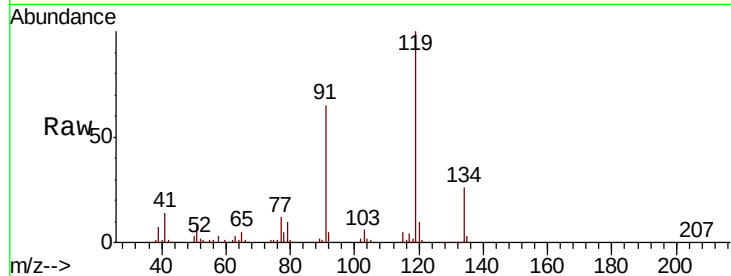




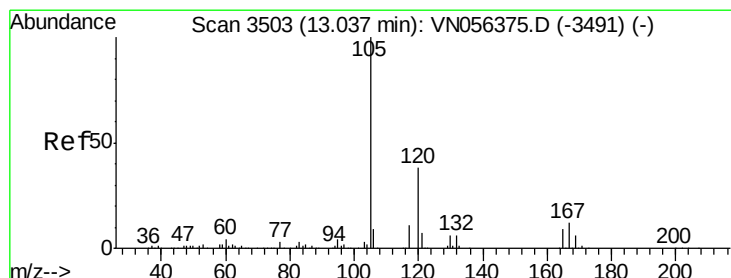
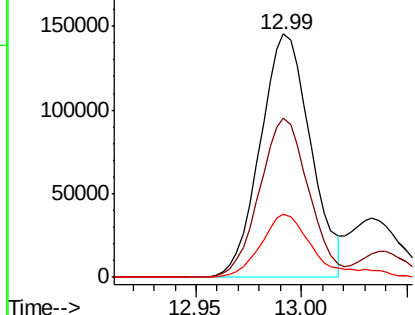
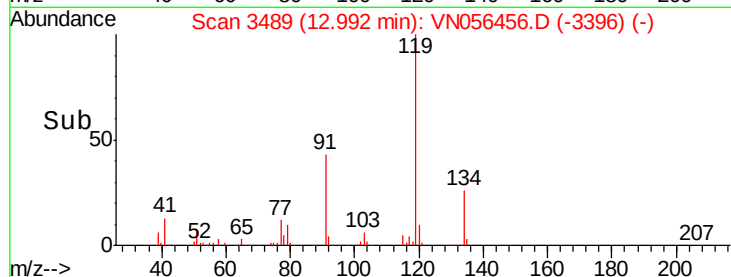
#83
 tert-Butylbenzene
 Concen: 21.865 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN056456.D
 Acq: 24 Jun 2019 15:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624MBS01

Tot Ion:119 Resp: 241445
 Ion Ratio Lower Upper
 119 100
 91 64.0 31.6 94.7
 134 27.5 13.2 39.5

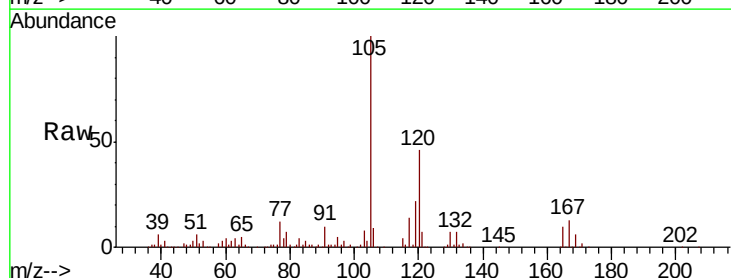


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

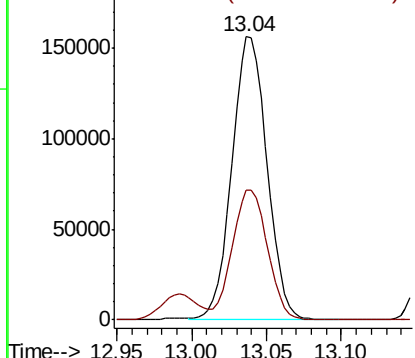
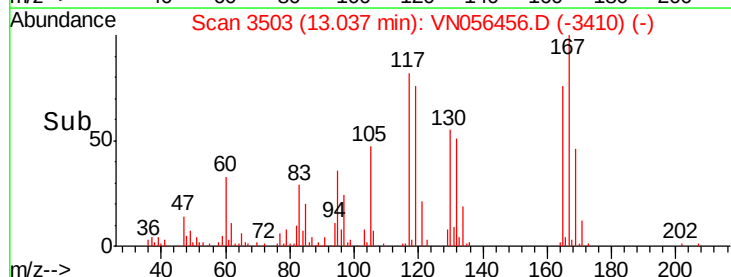


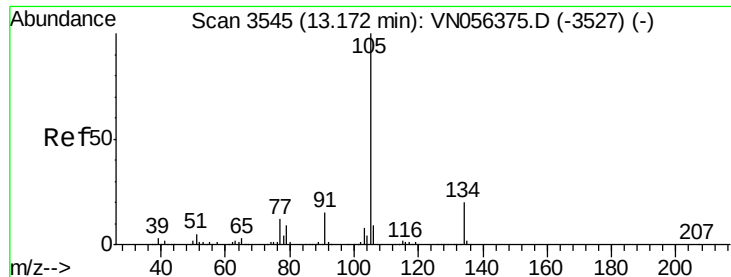
#84
 1,2,4-Trimethylbenzene
 Concen: 20.087 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. 0.00 min
 Lab File: VN056456.D
 Acq: 24 Jun 2019 15:22

Tgt Ion:105 Resp: 254240
 Ion Ratio Lower Upper
 105 100
 120 46.3 22.9 68.8



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





#85

sec-Butylbenzene

Concen: 20.635 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN056456.D

Acq: 24 Jun 2019 15:22

Instrument :

MSVOA_N

ClientSampleId :

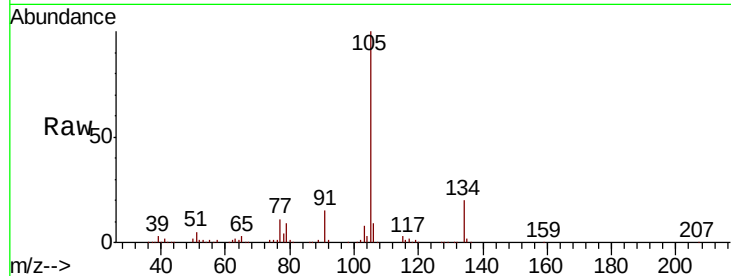
VN0624MBS01

Tot Ion:105 Resp: 312278

Ion Ratio Lower Upper

105 100

134 20.2 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

200000

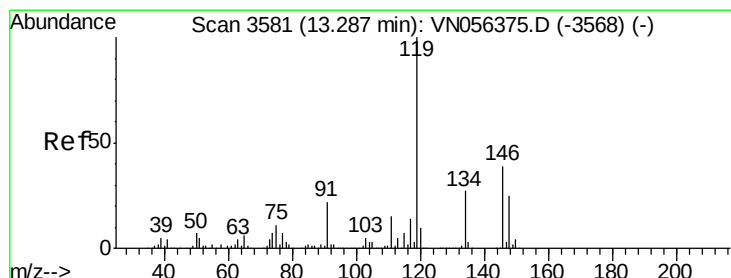
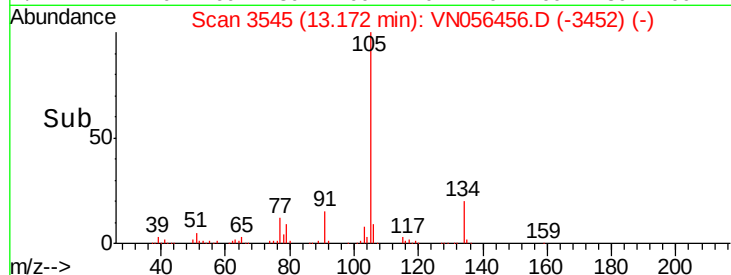
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 20.290 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN056456.D

Acq: 24 Jun 2019 15:22

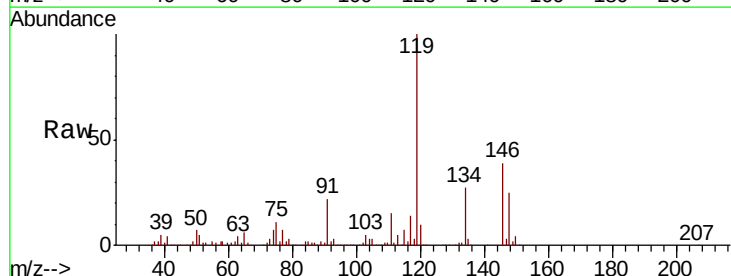
Tgt Ion:119 Resp: 263519

Ion Ratio Lower Upper

119 100

134 27.0 13.5 40.4

91 22.7 11.2 33.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.29

200000

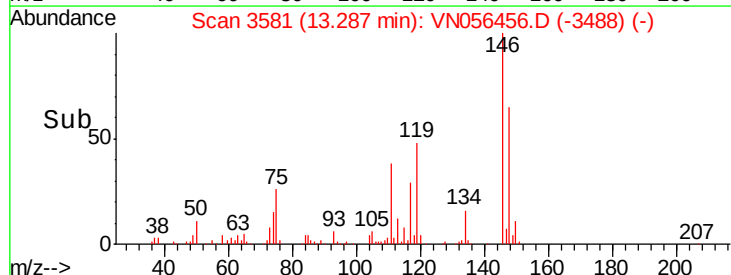
150000

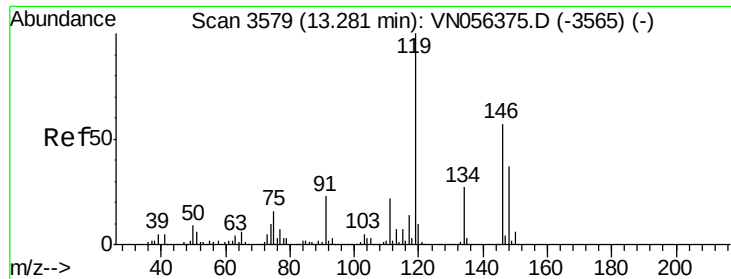
100000

50000

0

Time-->

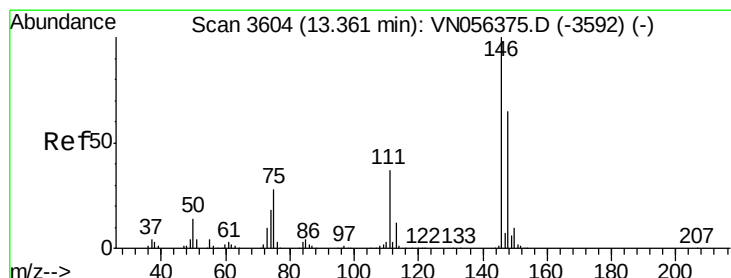
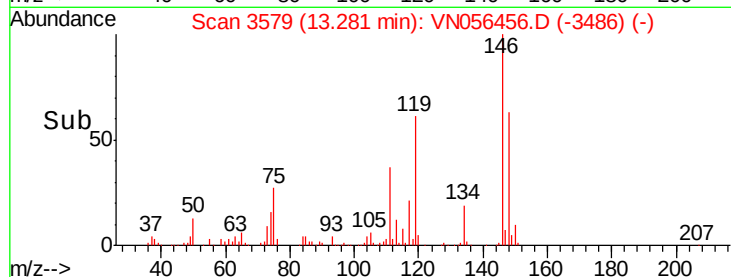
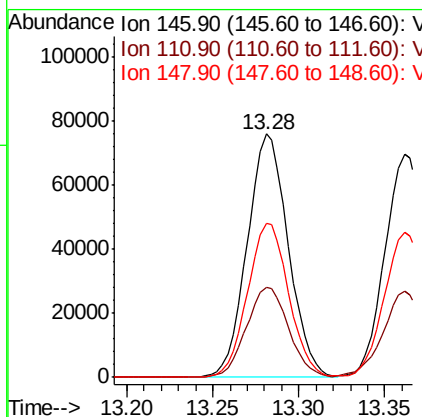
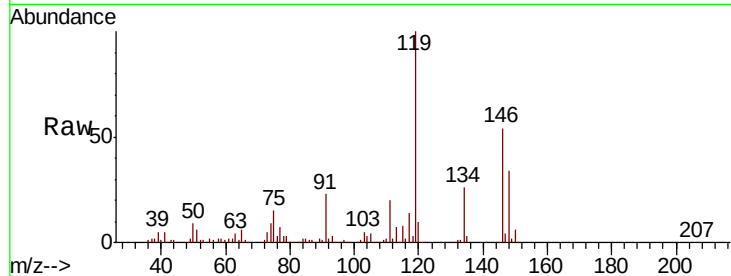




#87
 1,3-Dichlorobenzene
 Concen: 19.699 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN056456.D
 Acq: 24 Jun 2019 15:22

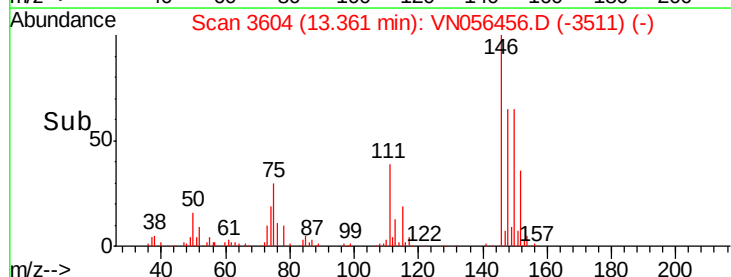
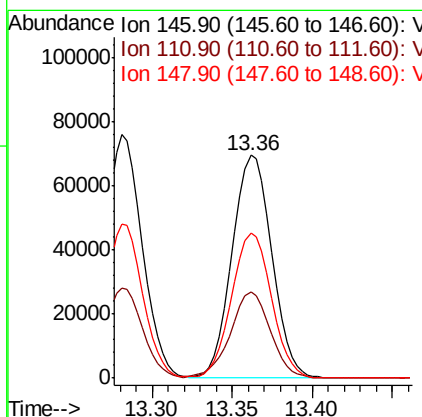
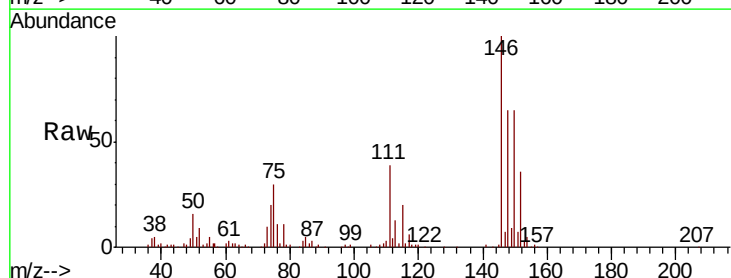
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624MBS01

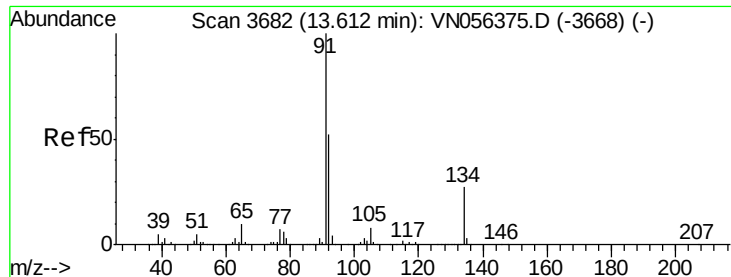
Tot Ion:146 Resp: 125499
 Ion Ratio Lower Upper
 146 100
 111 38.0 18.9 56.9
 148 63.5 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 19.083 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN056456.D
 Acq: 24 Jun 2019 15:22

Tgt Ion:146 Resp: 117743
 Ion Ratio Lower Upper
 146 100
 111 38.9 18.4 55.4
 148 65.4 32.4 97.0





#89

n-Butylbenzene

Concen: 18.791 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN056456.D

Acq: 24 Jun 2019 15:22

Instrument :

MSVOA_N

ClientSampled :

VN0624MBS01

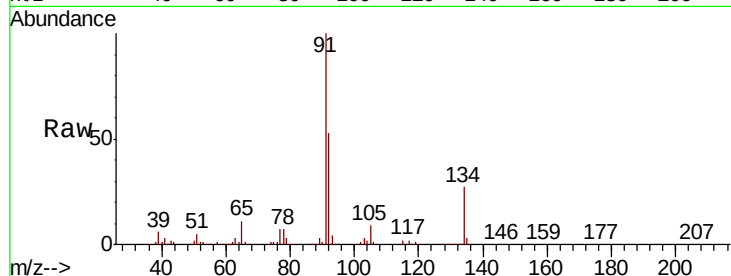
Tot Ion: 91 Resp: 184749

Ion Ratio Lower Upper

91 100

92 52.5 26.2 78.5

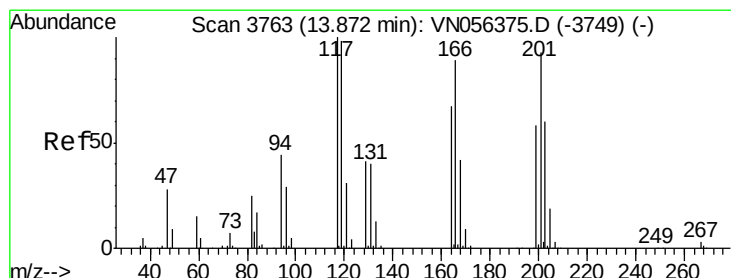
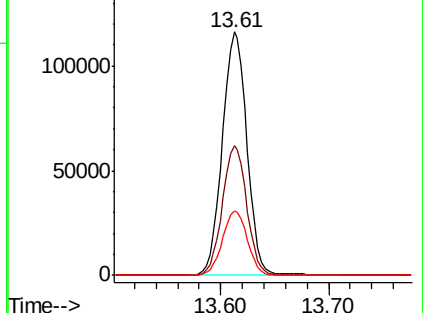
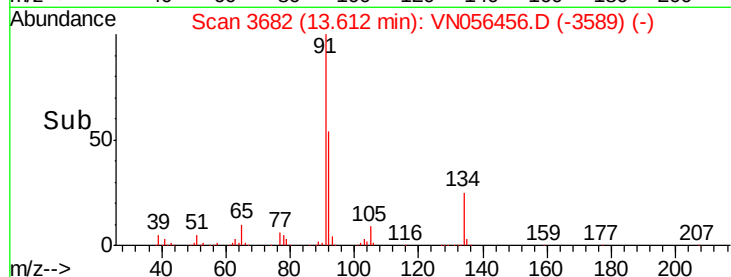
134 26.8 13.4 40.2



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

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

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



#90

Hexachloroethane

Concen: 20.384 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN056456.D

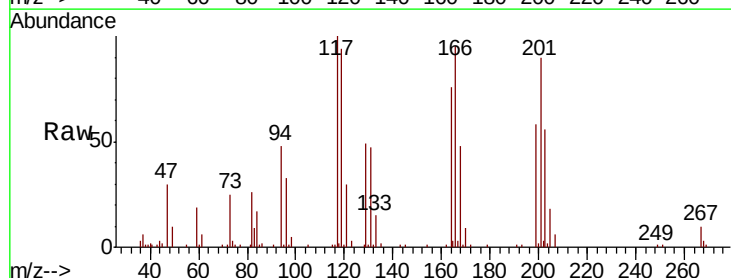
Acq: 24 Jun 2019 15:22

Tgt Ion: 117 Resp: 41274

Ion Ratio Lower Upper

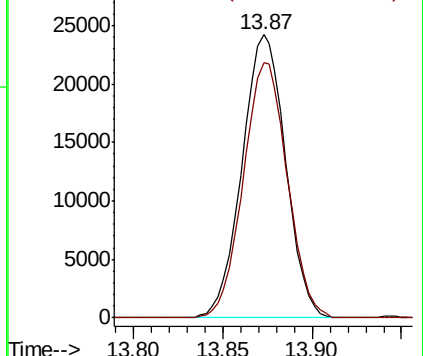
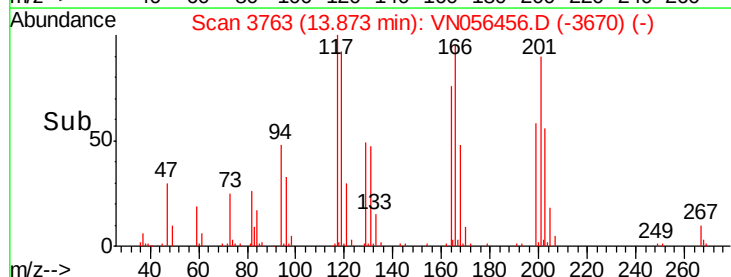
117 100

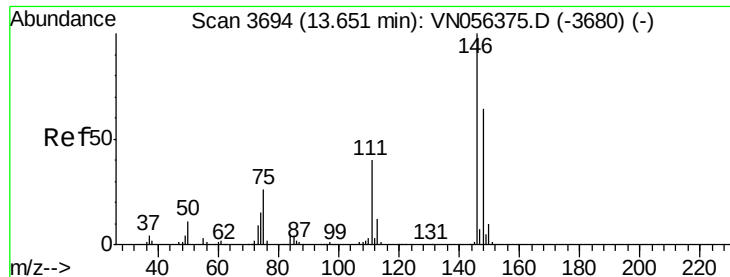
201 91.0 45.9 137.6



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

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

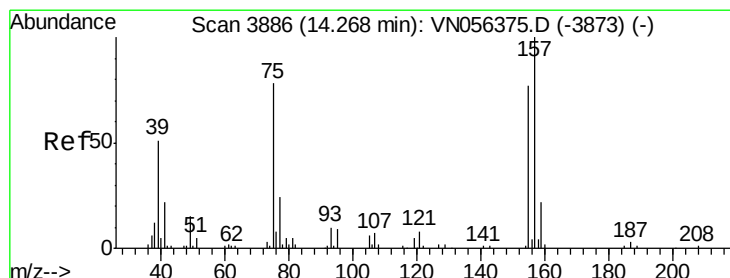
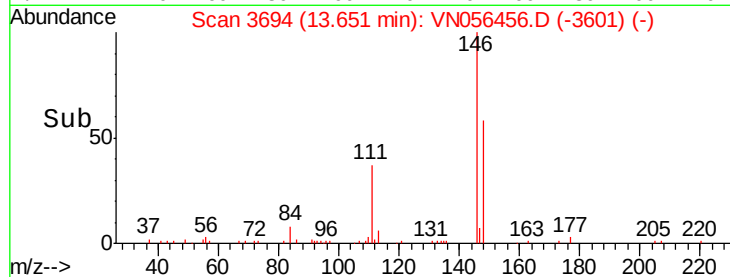
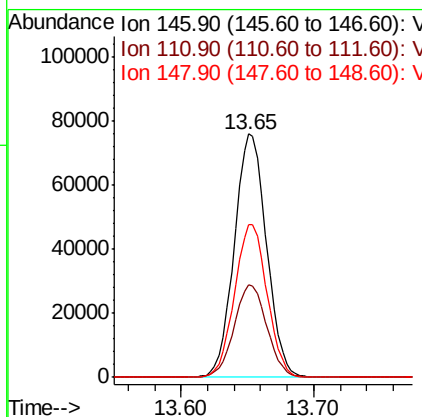
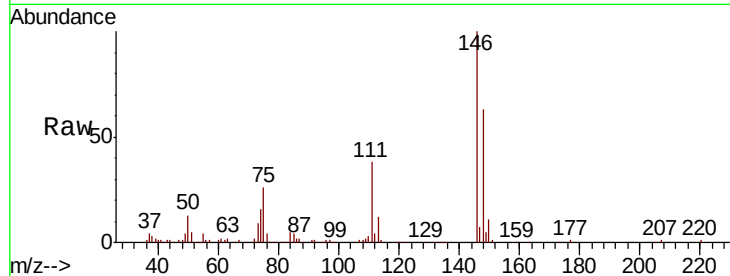




#91
 1,2-Dichlorobenzene
 Concen: 20.242 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN056456.D
 Acq: 24 Jun 2019 15:22

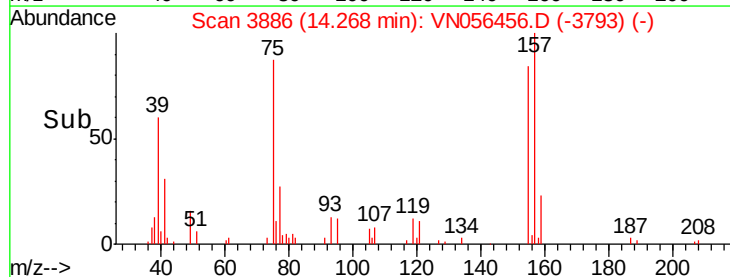
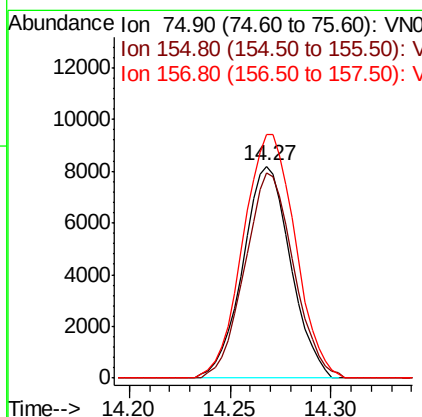
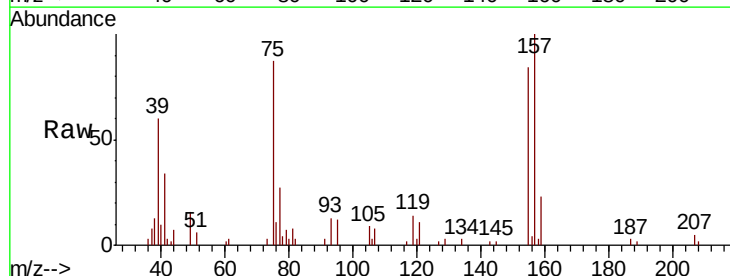
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624MBS01

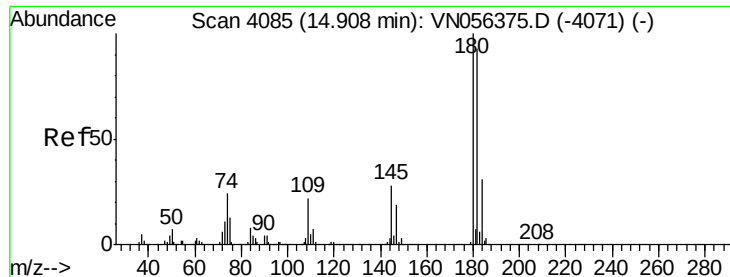
Tot Ion:146 Resp: 127945
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.3 57.9
 148 63.4 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.581 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN056456.D
 Acq: 24 Jun 2019 15:22

Tgt Ion: 75 Resp: 13622
 Ion Ratio Lower Upper
 75 100
 155 98.4 48.9 146.8
 157 125.0 62.9 188.8

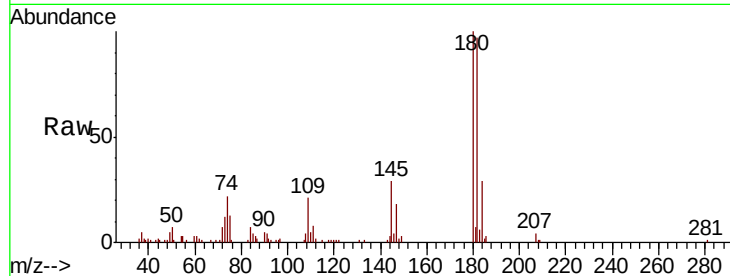




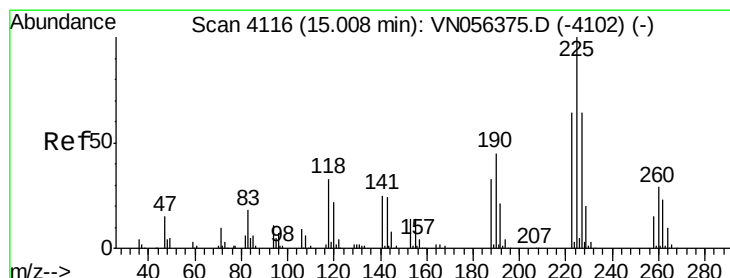
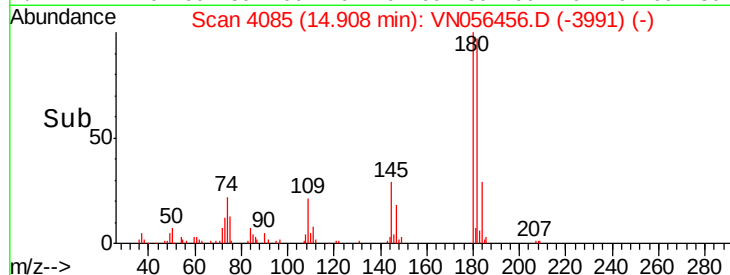
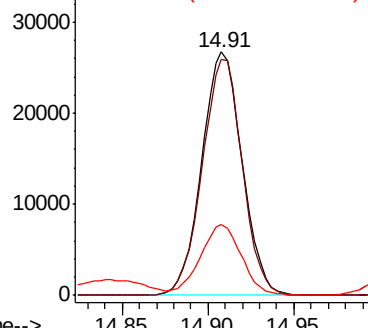
#93
 1,2,4-Trichlorobenzene
 Concen: 17.356 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056456.D
 Acq: 24 Jun 2019 15:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624MBS01

Tot Ion:180 Resp: 43541
 Ion Ratio Lower Upper
 180 100
 182 96.3 46.9 140.6
 145 29.7 14.4 43.0

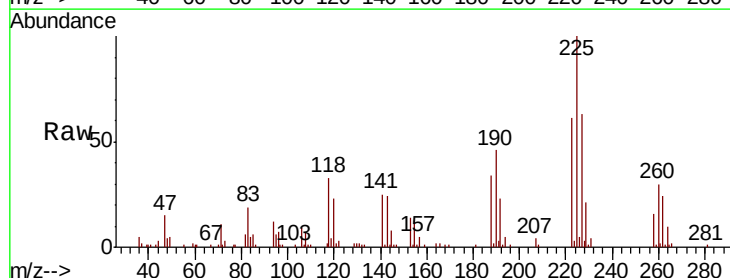


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

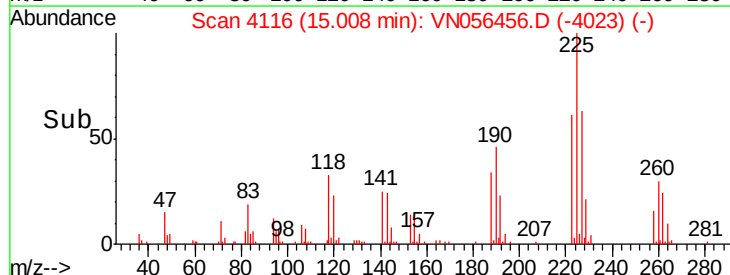
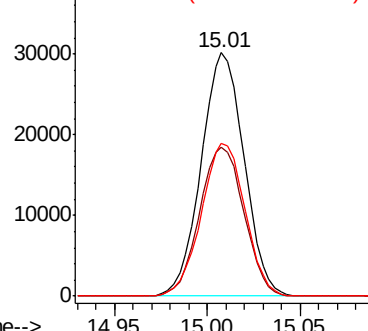


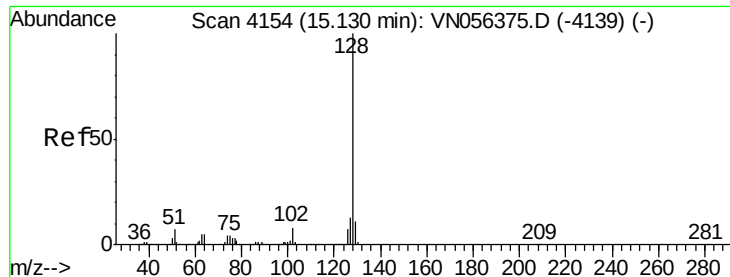
#94
 Hexachlorobutadiene
 Concen: 21.564 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN056456.D
 Acq: 24 Jun 2019 15:22

Tgt Ion:225 Resp: 48480
 Ion Ratio Lower Upper
 225 100
 223 63.1 31.4 94.3
 227 63.8 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: 18.179 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN056456.D

Acq: 24 Jun 2019 15:22

Instrument :

MSVOA_N

ClientSampleId :

VN0624MBS01

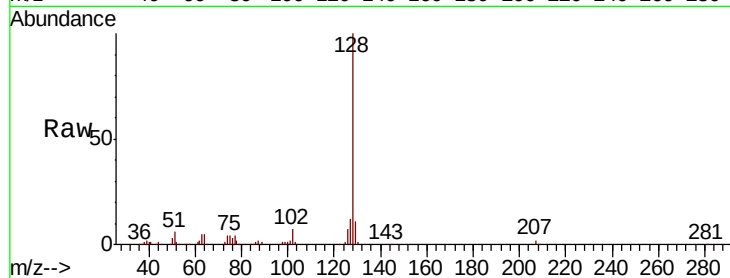
Tot Ion:128 Resp: 124315

Ion Ratio Lower Upper

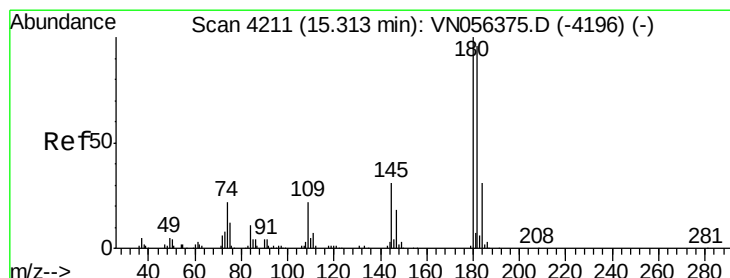
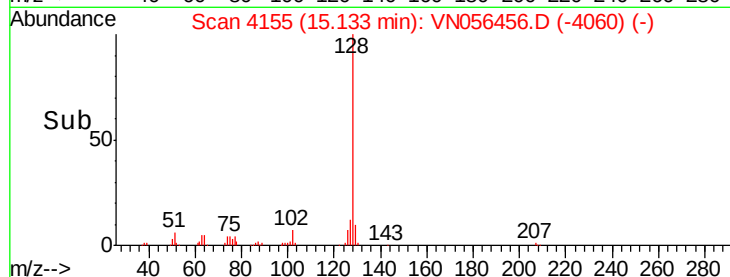
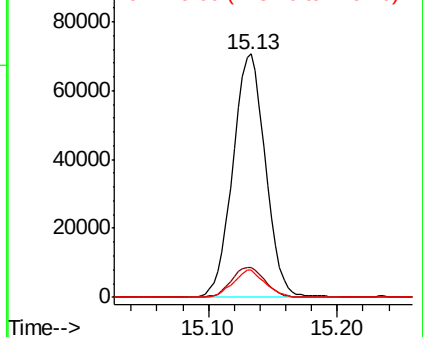
128 100

127 12.7 10.2 15.2

129 11.0 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: 18.508 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN056456.D

Acq: 24 Jun 2019 15:22

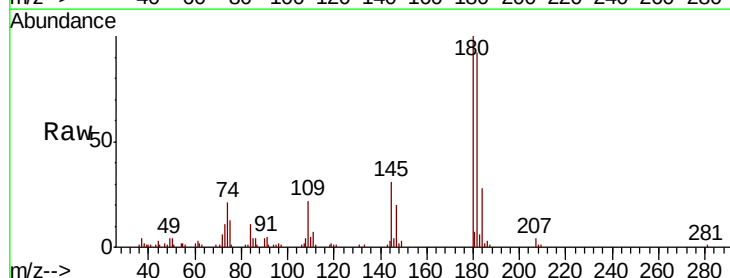
Tgt Ion:180 Resp: 52551

Ion Ratio Lower Upper

180 100

182 92.7 48.3 144.8

145 31.9 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

