

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090118\
 Data File : VW005056.D
 Acq On : 01 Sep 2018 00:39
 Operator : SY/AP
 Sample : VSTDIC020
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Quant Time: Sep 01 07:28:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 01 03:35:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	501446	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	727955	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	722145	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	395700	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	78893	18.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	37.96%	
35) Dibromofluoromethane	7.89	113	79219	18.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	37.66%	
50) Toluene-d8	10.33	98	357680	18.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	36.90%	
62) 4-Bromofluorobenzene	12.62	95	127539	18.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	37.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	79550	19.686	ug/l	96
3) Chloromethane	2.22	50	110490	18.843	ug/l	99
4) Vinyl Chloride	2.36	62	107630	18.875	ug/l	99
5) Bromomethane	2.76	94	75269	18.584	ug/l	100
6) Chloroethane	2.92	64	64477	18.166	ug/l	99
7) Trichlorofluoromethane	3.26	101	121138	18.885	ug/l	98
8) Diethyl Ether	3.69	74	44773	19.292	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.07	101	83345	18.916	ug/l	99
10) Methyl Iodide	4.28	142	102746	18.231	ug/l	99
11) Tert butyl alcohol	5.18	59	29887	120.351	ug/l #	90
12) 1,1-Dichloroethene	4.04	96	74877	18.466	ug/l	100
13) Acrolein	3.90	56	25118	93.097	ug/l	99
14) Allyl chloride	4.68	41	115216	18.178	ug/l	99
15) Acrylonitrile	5.38	53	90918	92.875	ug/l	99
16) Acetone	4.13	43	78912	94.661	ug/l	91
17) Carbon Disulfide	4.39	76	255271	18.067	ug/l	98
18) Methyl Acetate	4.68	43	47698	19.450	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	189543	19.251	ug/l	100
20) Methylene Chloride	4.92	84	121945	19.261	ug/l	97
21) trans-1,2-Dichloroethene	5.43	96	93019	18.829	ug/l	98
22) Diisopropyl ether	6.32	45	258264	19.364	ug/l	99
23) Vinyl Acetate	6.26	43	675993	96.491	ug/l	99
24) 1,1-Dichloroethane	6.22	63	155123	18.607	ug/l	99
25) 2-Butanone	7.18	43	136029	94.078	ug/l	97
26) 2,2-Dichloropropane	7.17	77	126567	18.474	ug/l	99
27) cis-1,2-Dichloroethene	7.18	96	99471	18.406	ug/l	97
28) Bromochloromethane	7.52	49	67576	20.139	ug/l	98
29) Tetrahydrofuran	7.54	42	69648	94.271	ug/l	99
30) Chloroform	7.68	83	160768	18.894	ug/l	99
31) Cyclohexane	7.96	56	154286	18.898	ug/l	95
32) 1,1,1-Trichloroethane	7.88	97	142284	19.200	ug/l	98
36) 1,1-Dichloropropene	8.09	75	132804	19.155	ug/l	99
37) Ethyl Acetate	7.26	43	50335	19.413	ug/l	99
38) Carbon Tetrachloride	8.07	117	126242	19.150	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090118\
 Data File : VW005056.D
 Acq On : 01 Sep 2018 00:39
 Operator : SY/AP
 Sample : VSTDIC020
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Quant Time: Sep 01 07:28:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 01 03:35:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	149270	17.803	ug/l	98
40) Benzene	8.33	78	399715	18.833	ug/l	100
41) Methacrylonitrile	7.49	41	27199	18.105	ug/l	92
42) 1,2-Dichloroethane	8.41	62	99806	19.214	ug/l	99
43) Isopropyl Acetate	8.43	43	87446	18.534	ug/l	97
44) Trichloroethene	9.10	130	108731	18.987	ug/l	100
45) 1,2-Dichloropropane	9.37	63	99030	19.099	ug/l	98
46) Dibromomethane	9.46	93	47591	19.195	ug/l	99
47) Bromodichloromethane	9.65	83	120835	19.356	ug/l	99
48) Methyl methacrylate	9.44	41	40725	17.926	ug/l	96
49) 1,4-Dioxane	9.46	88	14891	371.398	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	294024	92.986	ug/l	100
52) Toluene	10.40	92	268376	18.662	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	116328	18.964	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	144285	19.341	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	74212	19.333	ug/l	97
56) Ethyl methacrylate	10.65	69	77889	17.785	ug/l	99
57) 1,3-Dichloropropane	10.94	76	122049	19.312	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	206858	99.681	ug/l	100
59) 2-Hexanone	10.98	43	197442	92.320	ug/l	100
60) Dibromochloromethane	11.13	129	82519	19.015	ug/l	99
61) 1,2-Dibromoethane	11.24	107	66175	19.094	ug/l	100
64) Tetrachloroethene	10.87	164	102879	18.157	ug/l	97
65) Chlorobenzene	11.66	112	300218	18.467	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	93056	18.731	ug/l	99
67) Ethyl Benzene	11.74	91	496758	18.075	ug/l	100
68) m/p-Xylenes	11.85	106	410418	37.296	ug/l	100
69) o-Xylene	12.17	106	185958	18.278	ug/l	98
70) Styrene	12.19	104	311616	18.542	ug/l	100
71) Bromoform	12.35	173	49165	18.672	ug/l #	100
73) Isopropylbenzene	12.47	105	497465	17.830	ug/l	99
74) N-amyl acetate	12.28	43	83770	17.437	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	78570	18.498	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	100011	33.671	ug/l #	100
77) Bromobenzene	12.75	156	123074	17.902	ug/l	97
78) n-propylbenzene	12.81	91	606755	18.014	ug/l	100
79) 2-Chlorotoluene	12.90	91	357328	18.184	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	435758	18.060	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	21346	17.298	ug/l	95
82) 4-Chlorotoluene	12.99	91	380532	18.339	ug/l	99
83) tert-Butylbenzene	13.21	119	356864	17.711	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	449205	18.280	ug/l	100
85) sec-Butylbenzene	13.39	105	533380	18.012	ug/l	99
86) p-Isopropyltoluene	13.51	119	472220	18.015	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	257683	18.247	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	254200	18.146	ug/l	99
89) n-Butylbenzene	13.83	91	429176	17.667	ug/l	98
90) Hexachloroethane	14.10	117	77771	17.862	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	226764	18.423	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	11839	17.837	ug/l	98

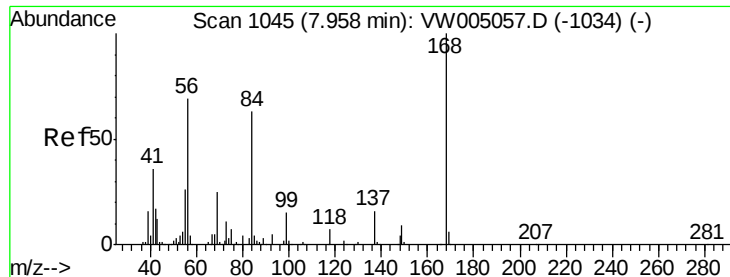
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090118\
Data File : VW005056.D
Acq On : 01 Sep 2018 00:39
Operator : SY/AP
Sample : VSTDICC020
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Quant Time: Sep 01 07:28:27 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 01 03:35:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	147442	17.865	ug/l	99
94) Hexachlorobutadiene	15.24	225	93483	18.212	ug/l	99
95) Naphthalene	15.38	128	222197	18.314	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	126237	17.873	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. 0.00 min

Lab File: VW005056.D

Acq: 01 Sep 2018 00:39

Instrument :

MSVOA_W

ClientSampled :

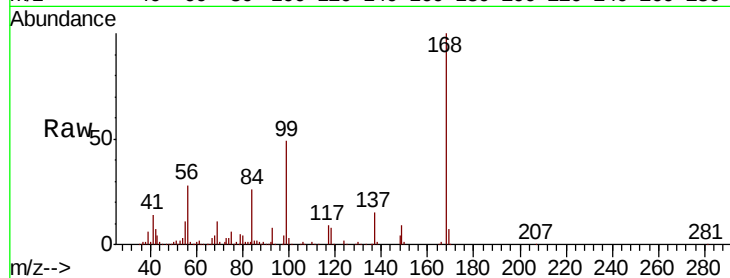
VSTDIC020

Tgt Ion:168 Resp: 501446

Ion Ratio Lower Upper

168 100

99 48.6 39.4 59.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

250000

200000

150000

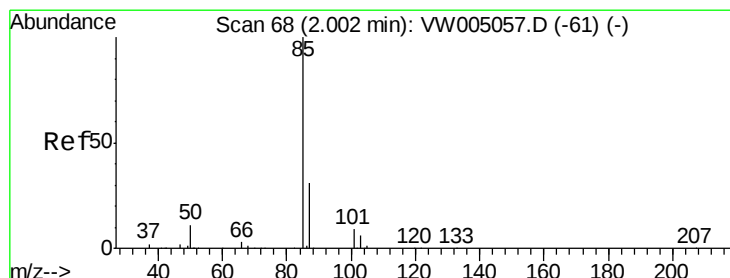
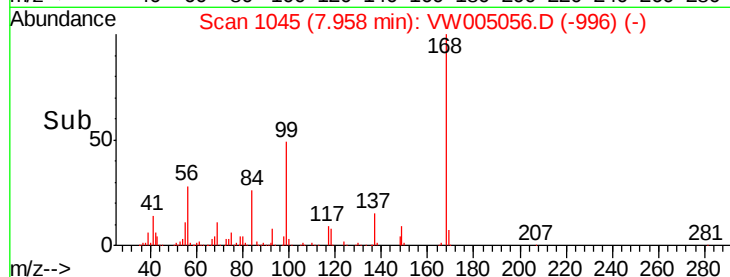
100000

50000

0

7.80 7.90 8.00 8.10 8.20

Time-->



#2

Dichlorodifluoromethane

Concen: 19.686 ug/l

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW005056.D

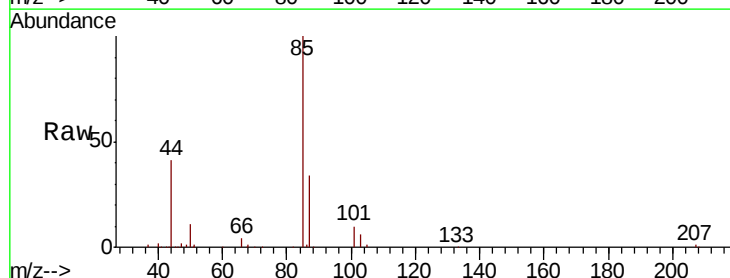
Acq: 01 Sep 2018 00:39

Tgt Ion: 85 Resp: 79550

Ion Ratio Lower Upper

85 100

87 33.8 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

60000

50000

40000

30000

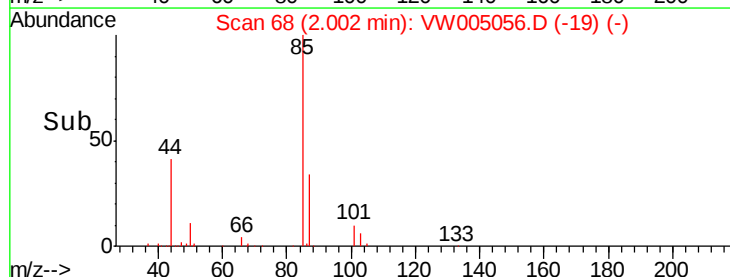
20000

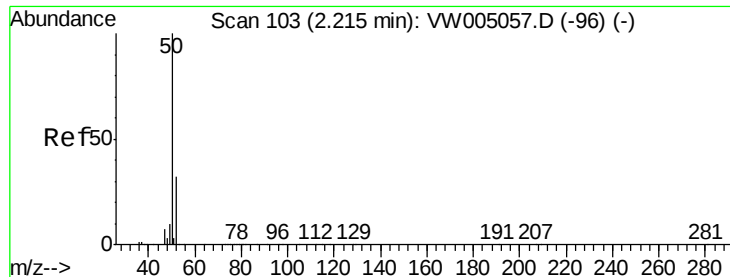
10000

0

1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 18.843 ug/l

RT: 2.22 min Scan# 103

Delta R.T. 0.00 min

Lab File: VW005056.D

Acq: 01 Sep 2018 00:39

Instrument :

MSVOA_W

ClientSampleId :

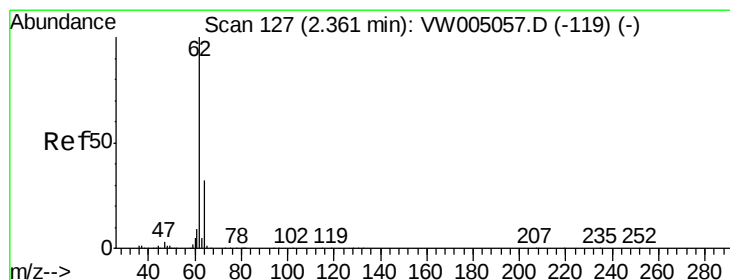
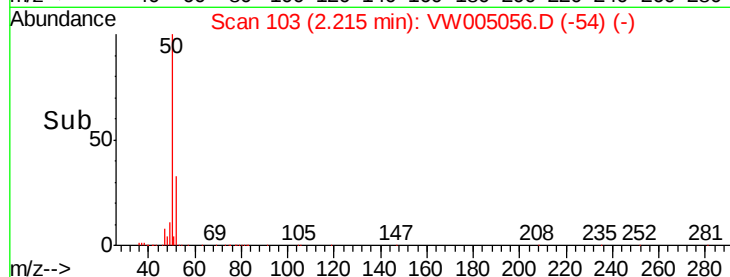
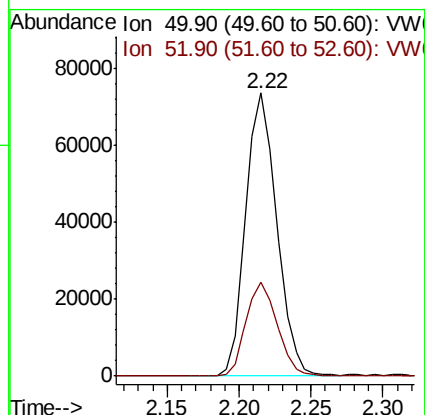
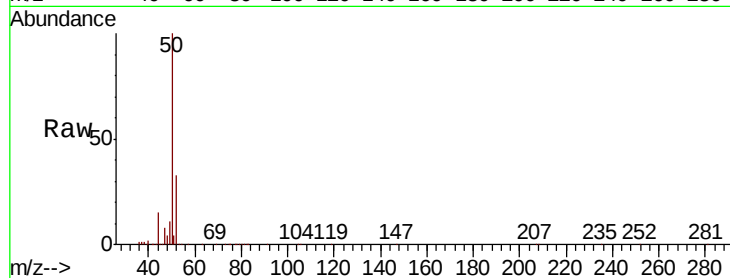
VSTDIC020

Tgt Ion: 50 Resp: 110490

Ion Ratio Lower Upper

50 100

52 33.0 25.8 38.6



#4

Vinyl Chloride

Concen: 18.875 ug/l

RT: 2.36 min Scan# 127

Delta R.T. 0.00 min

Lab File: VW005056.D

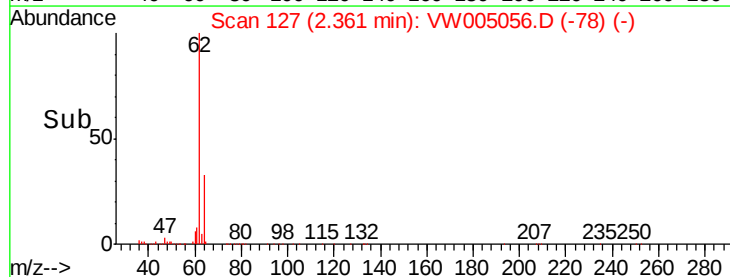
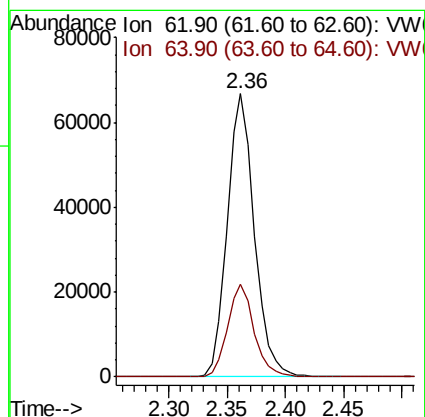
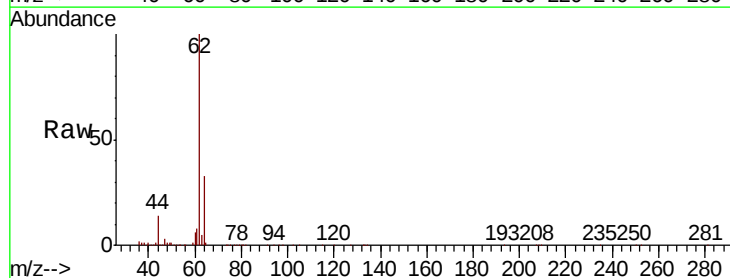
Acq: 01 Sep 2018 00:39

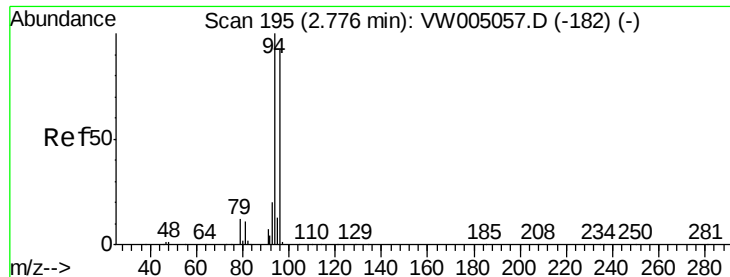
Tgt Ion: 62 Resp: 107630

Ion Ratio Lower Upper

62 100

64 32.6 25.6 38.4





#5

Bromomethane

Concen: 18.584 ug/l

RT: 2.76 min Scan# 193

Delta R.T. -0.01 min

Lab File: VW005056.D

Acq: 01 Sep 2018 00:39

Instrument :

MSVOA_W

ClientSampleId :

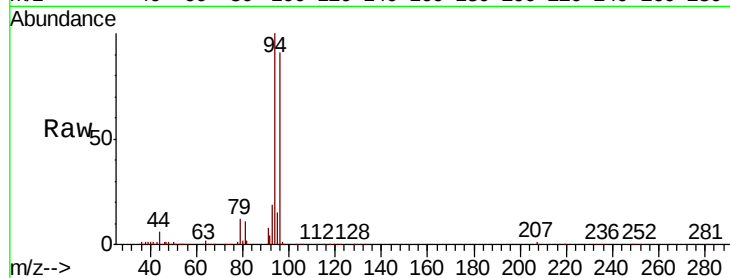
VSTDIC020

Tgt Ion: 94 Resp: 75269

Ion Ratio Lower Upper

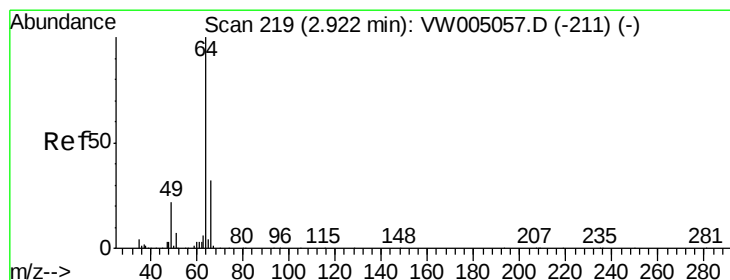
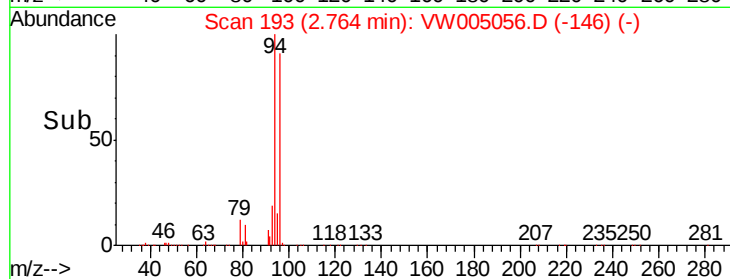
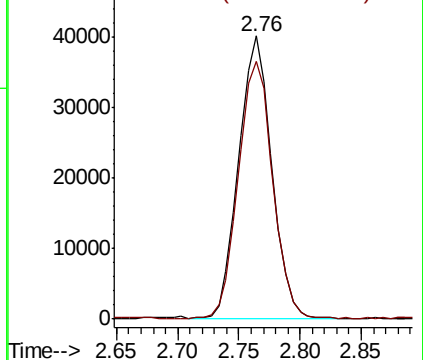
94 100

96 91.2 73.2 109.8



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 18.166 ug/l

RT: 2.92 min Scan# 218

Delta R.T. -0.01 min

Lab File: VW005056.D

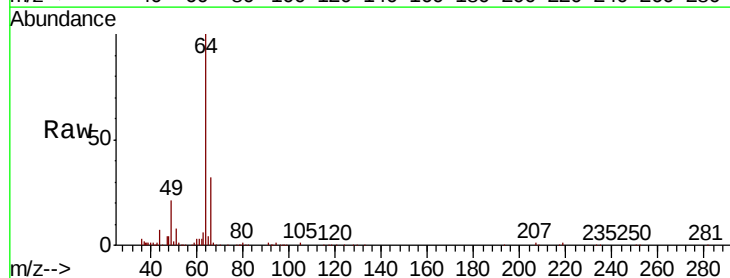
Acq: 01 Sep 2018 00:39

Tgt Ion: 64 Resp: 64477

Ion Ratio Lower Upper

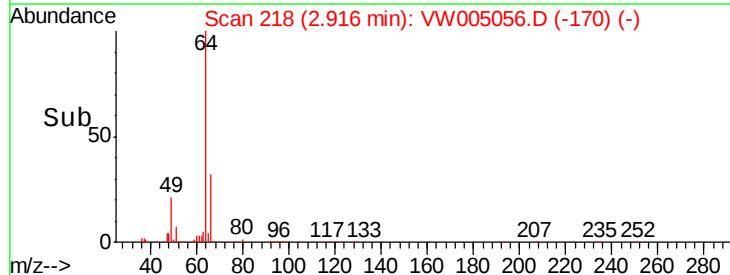
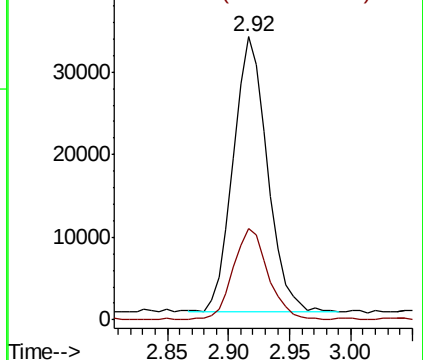
64 100

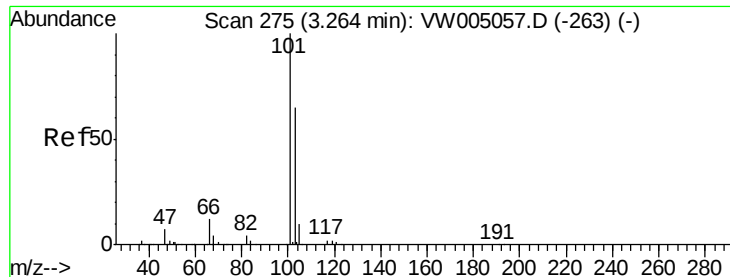
66 32.9 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



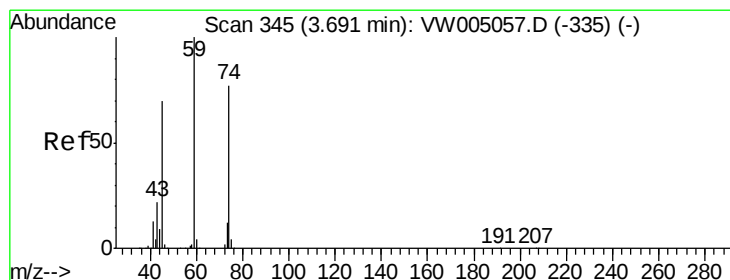
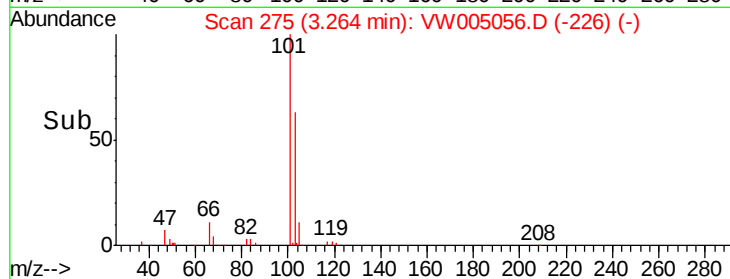
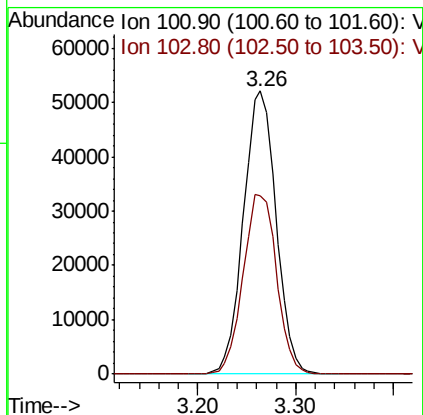
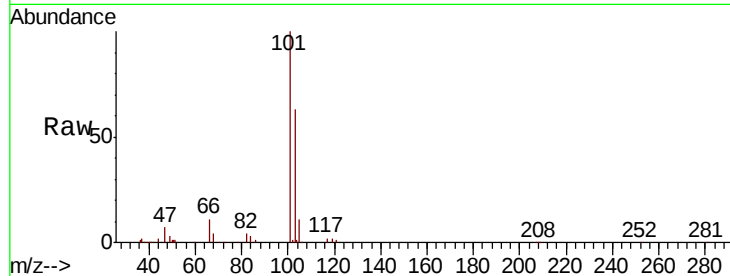


#7

Trichlorofluoromethane
Concen: 18.885 ug/l
RT: 3.26 min Scan# 275
Delta R.T. 0.00 min
Lab File: VW005056.D
Acq: 01 Sep 2018 00:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

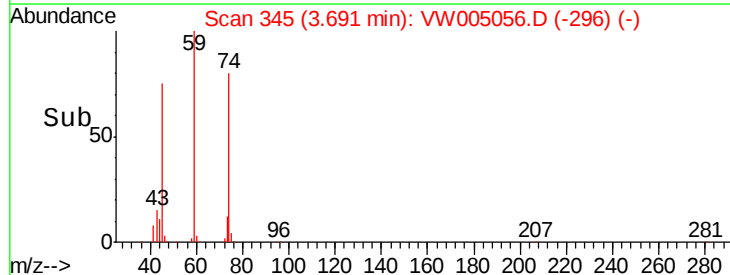
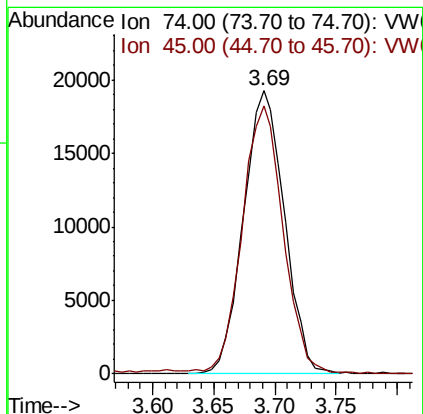
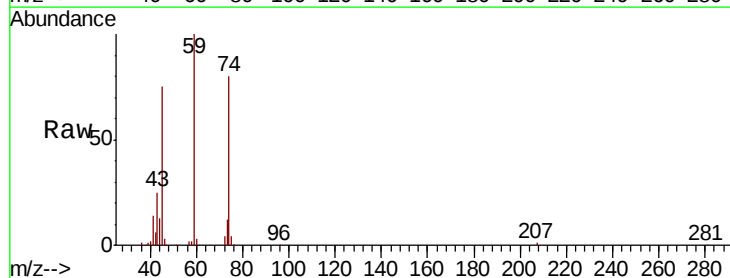
Tgt Ion:101 Resp: 121138
Ion Ratio Lower Upper
101 100
103 63.0 51.9 77.9

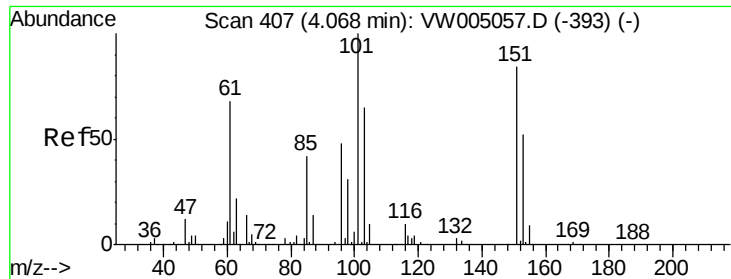


#8

Diethyl Ether
Concen: 19.292 ug/l
RT: 3.69 min Scan# 345
Delta R.T. 0.00 min
Lab File: VW005056.D
Acq: 01 Sep 2018 00:39

Tgt Ion: 74 Resp: 44773
Ion Ratio Lower Upper
74 100
45 95.4 46.0 137.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.916 ug/l

RT: 4.07 min Scan# 407

Delta R.T. 0.00 min

Lab File: VW005056.D

Acq: 01 Sep 2018 00:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

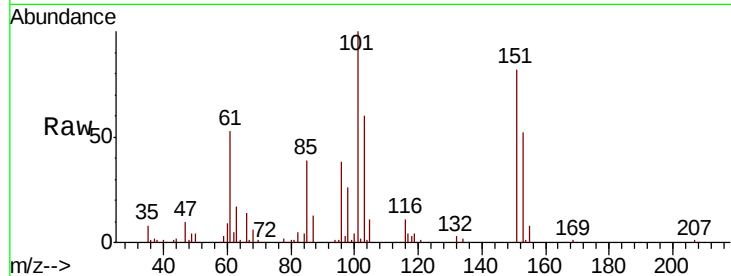
Tgt Ion:101 Resp: 83345

Ion Ratio Lower Upper

101 100

85 42.3 33.0 49.6

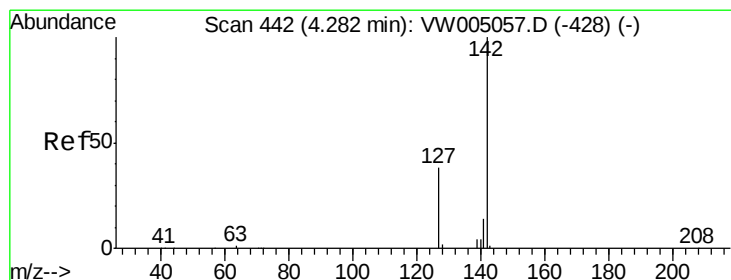
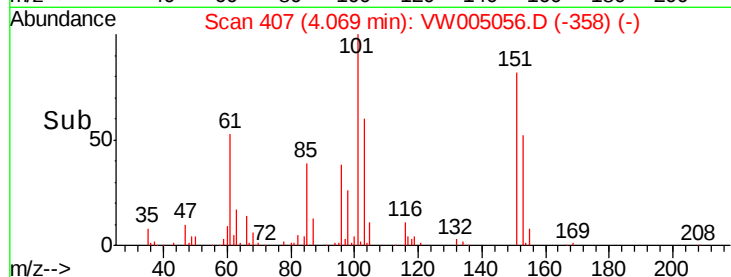
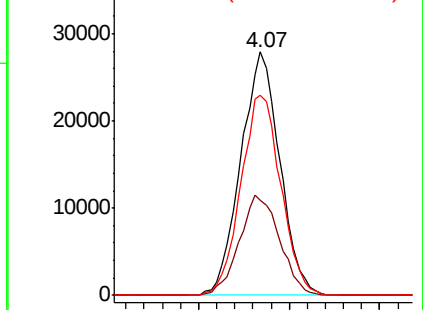
151 84.3 67.0 100.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.231 ug/l

RT: 4.28 min Scan# 441

Delta R.T. -0.01 min

Lab File: VW005056.D

Acq: 01 Sep 2018 00:39

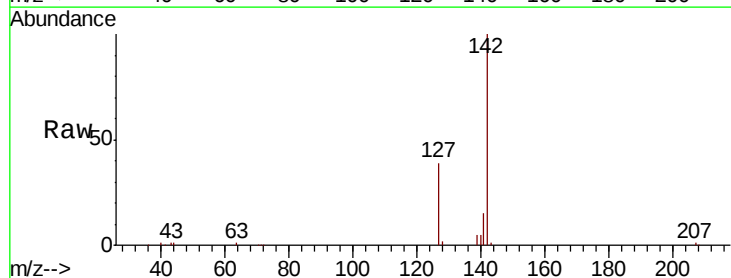
Tgt Ion:142 Resp: 102746

Ion Ratio Lower Upper

142 100

127 39.5 30.8 46.2

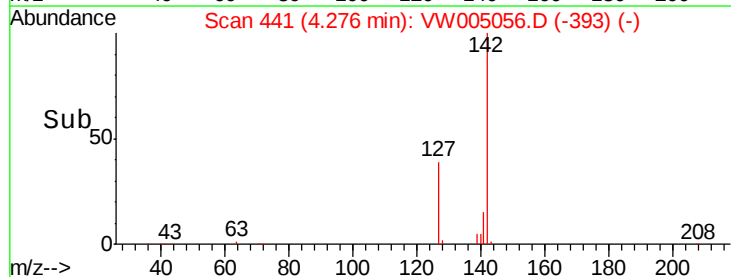
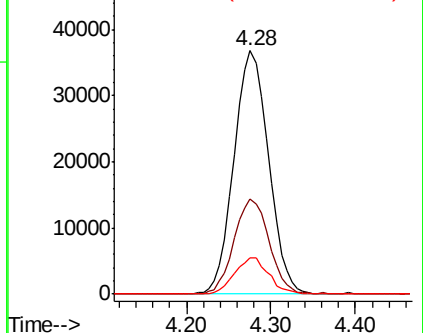
141 14.6 11.6 17.4

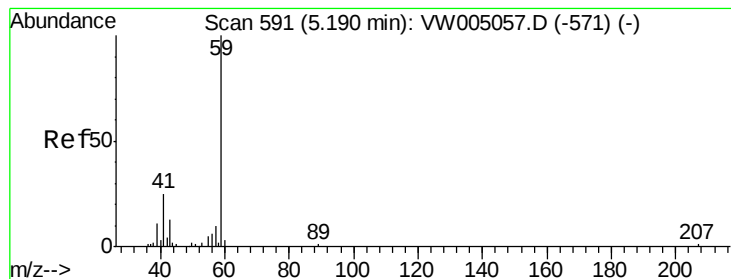


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



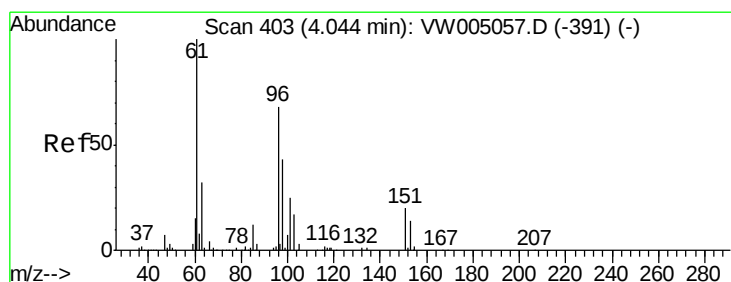
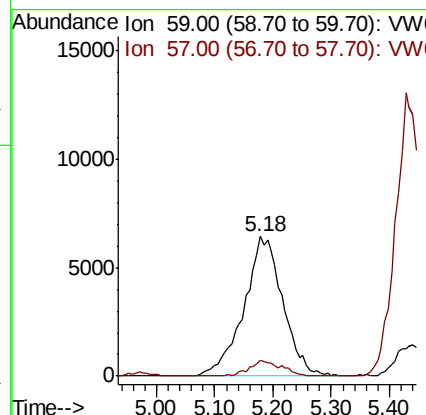
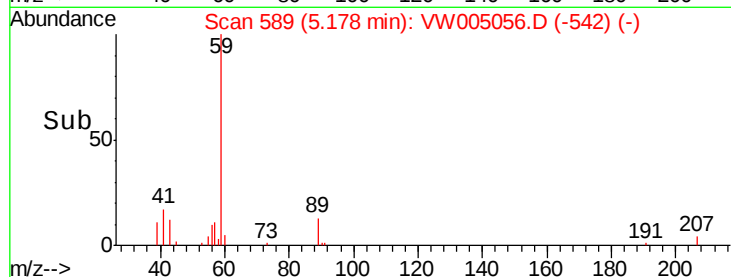
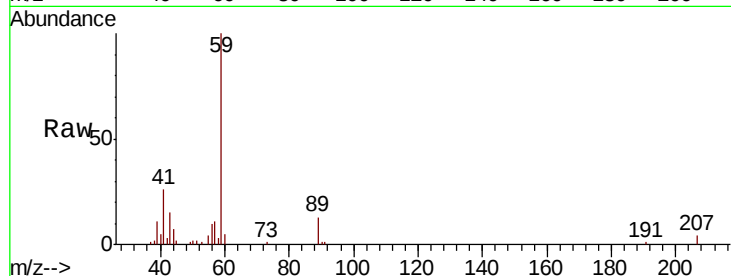


#11

Tert butyl alcohol
Concen: 120.351 ug/l
RT: 5.18 min Scan# 589
Delta R.T. -0.01 min
Lab File: VW005056.D
Acq: 01 Sep 2018 00:39

Instrument :
MSVOA_W
ClientSampled :
VSTDIC020

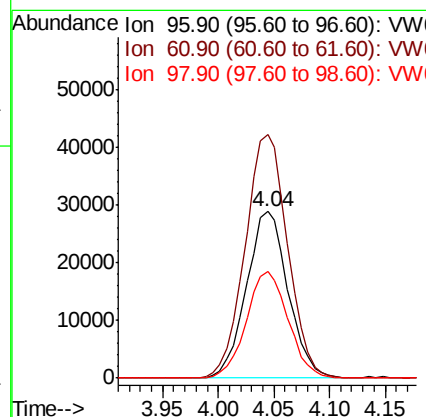
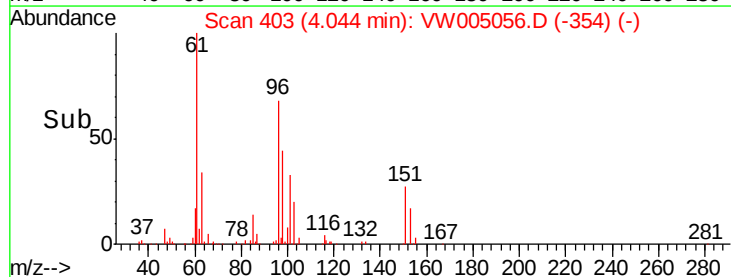
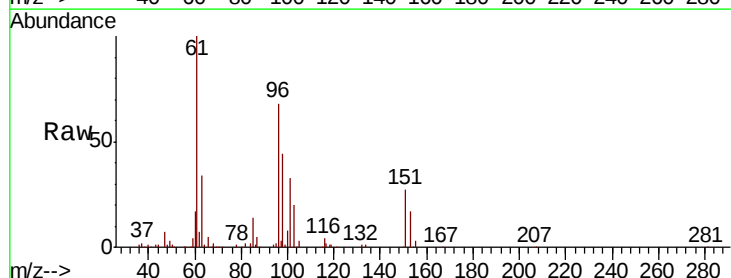
Tgt Ion: 59 Resp: 29887
Ion Ratio Lower Upper
59 100
57 6.9 8.6 12.8#

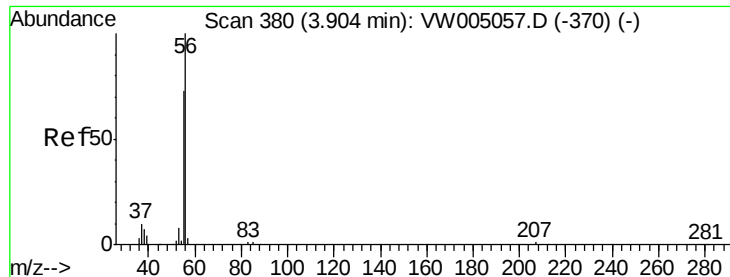


#12

1,1-Dichloroethene
Concen: 18.466 ug/l
RT: 4.04 min Scan# 403
Delta R.T. 0.00 min
Lab File: VW005056.D
Acq: 01 Sep 2018 00:39

Tgt Ion: 96 Resp: 74877
Ion Ratio Lower Upper
96 100
61 146.1 117.4 176.0
98 63.8 51.0 76.4





#13

Acrolein

Concen: 93.097 ug/l

RT: 3.90 min Scan# 379

Delta R.T. -0.01 min

Lab File: VW005056.D

Acq: 01 Sep 2018 00:39

Instrument :

MSVOA_W

ClientSampleId :

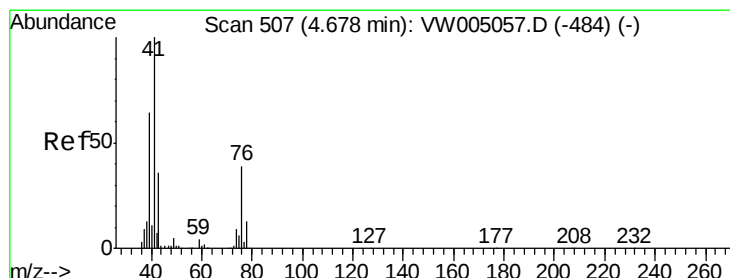
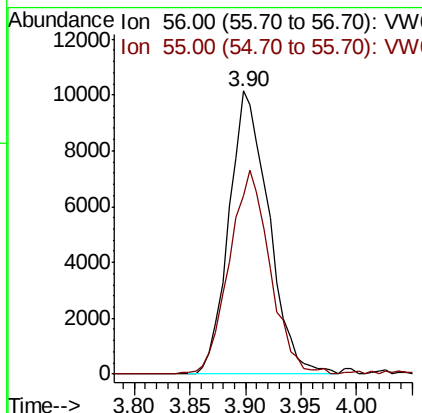
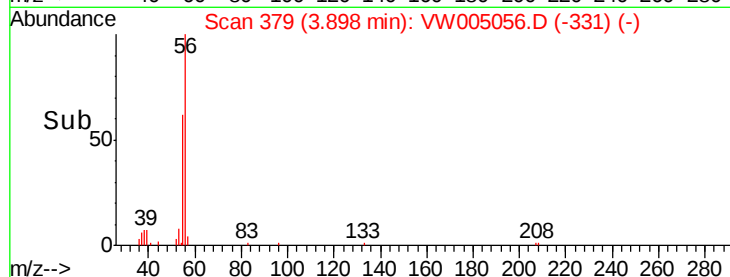
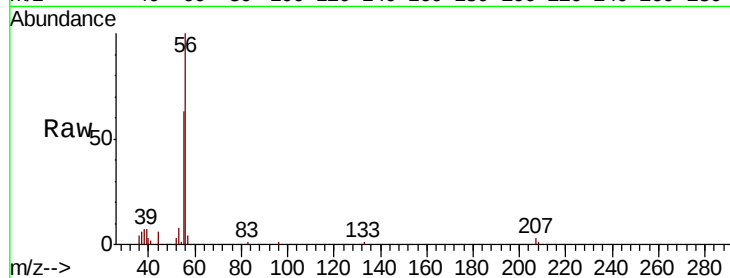
VSTDIC020

Tgt Ion: 56 Resp: 25118

Ion Ratio Lower Upper

56 100

55 73.8 58.1 87.1



#14

Allyl chloride

Concen: 18.178 ug/l

RT: 4.68 min Scan# 507

Delta R.T. 0.00 min

Lab File: VW005056.D

Acq: 01 Sep 2018 00:39

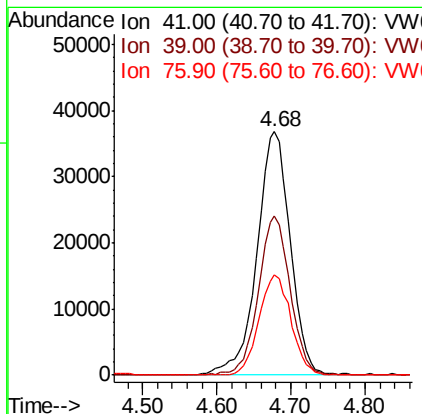
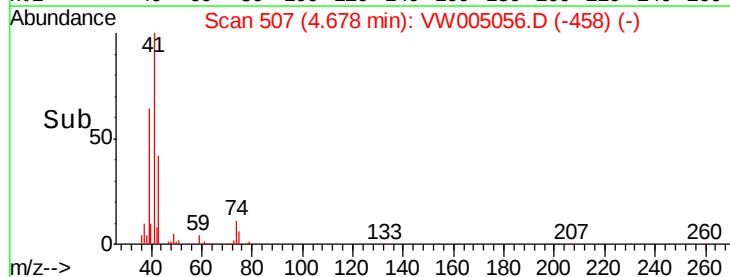
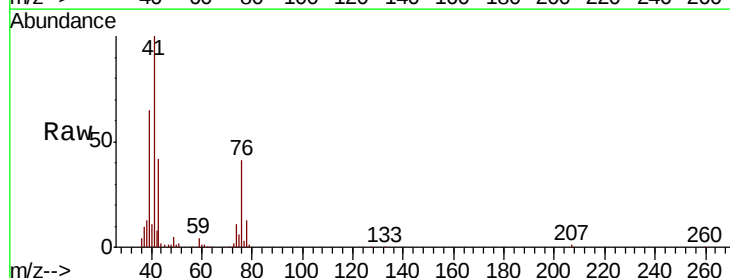
Tgt Ion: 41 Resp: 115216

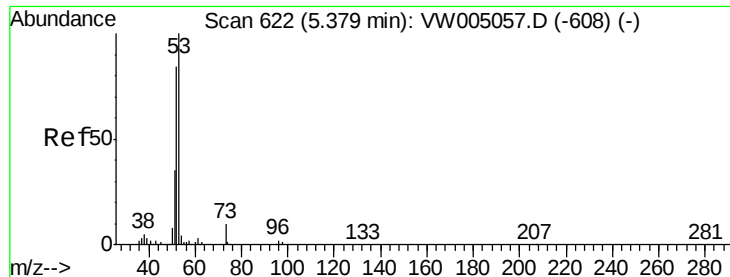
Ion Ratio Lower Upper

41 100

39 62.7 49.4 74.2

76 39.4 31.8 47.6





#15

Acrylonitrile

Concen: 92.875 ug/l

RT: 5.38 min Scan# 622

Delta R.T. 0.00 min

Lab File: VW005056.D

Acq: 01 Sep 2018 00:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

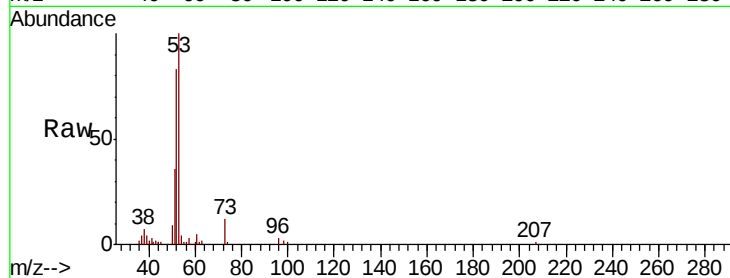
Tgt Ion: 53 Resp: 90918

Ion Ratio Lower Upper

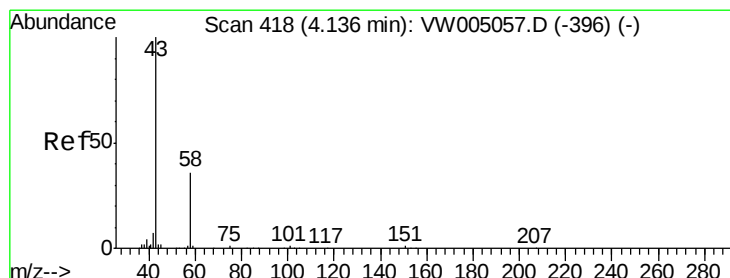
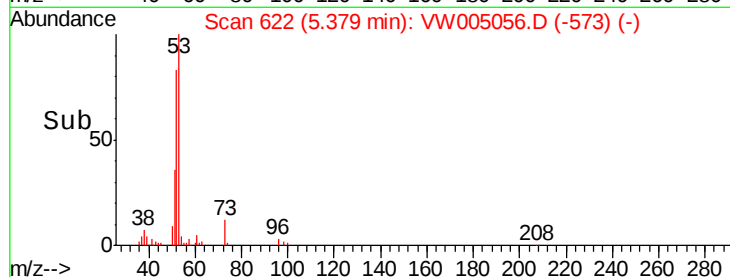
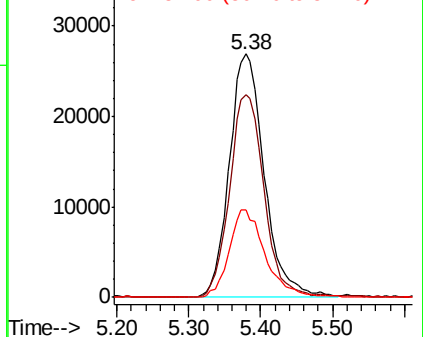
53 100

52 81.7 65.7 98.5

51 37.1 28.8 43.2



Abundance Ion 53.00 (52.70 to 53.70): VW
Ion 52.00 (51.70 to 52.70): VW
Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 94.661 ug/l

RT: 4.13 min Scan# 417

Delta R.T. -0.01 min

Lab File: VW005056.D

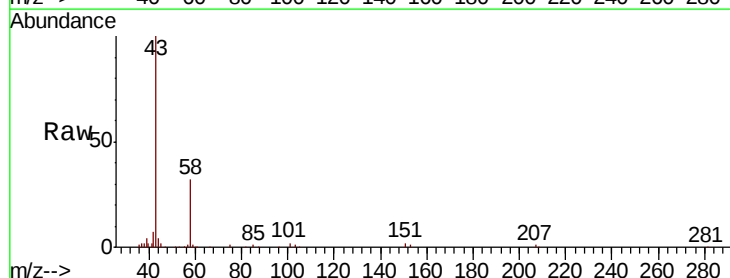
Acq: 01 Sep 2018 00:39

Tgt Ion: 43 Resp: 78912

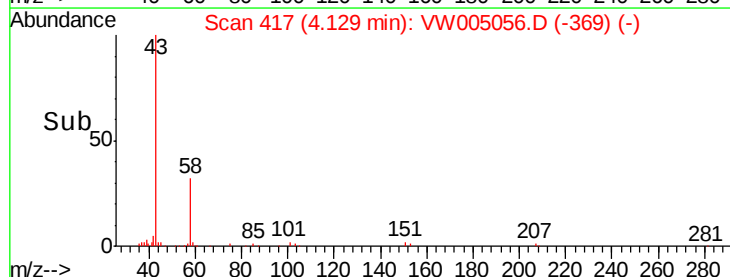
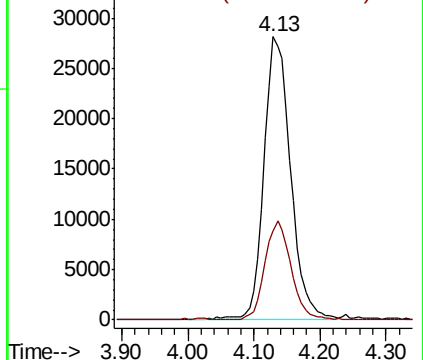
Ion Ratio Lower Upper

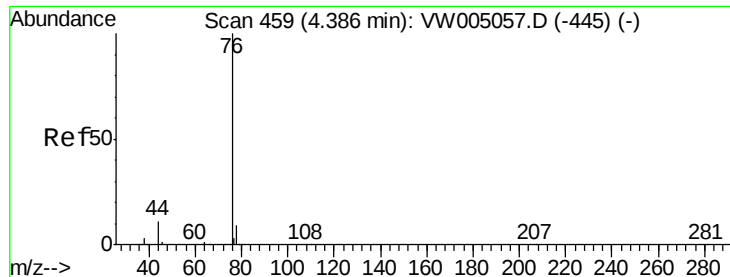
43 100

58 31.1 29.0 43.6



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

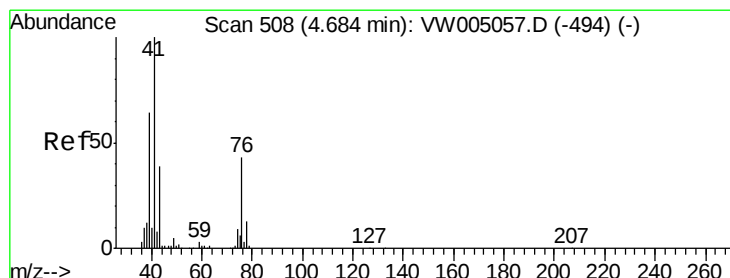
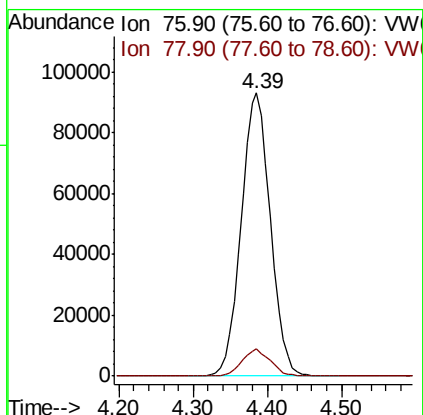
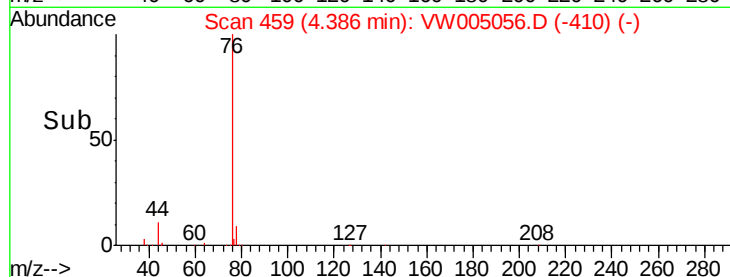
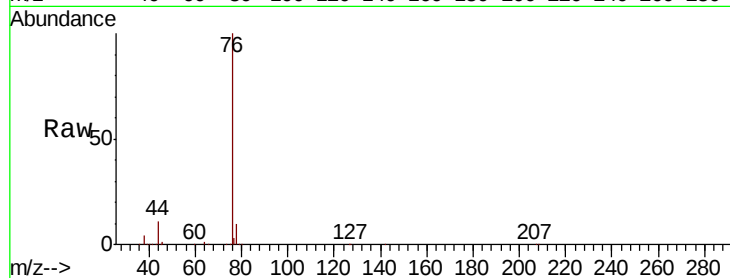




#17
Carbon Disulfide
Concen: 18.067 ug/l
RT: 4.39 min Scan# 459
Delta R.T. 0.00 min
Lab File: VW005056.D
Acq: 01 Sep 2018 00:39

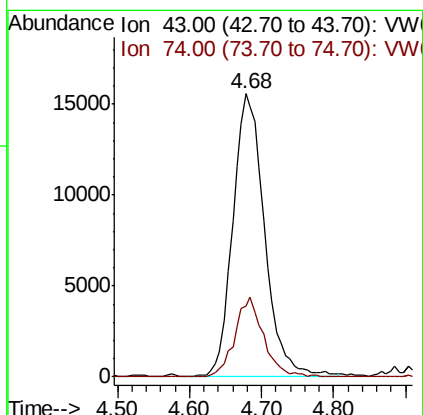
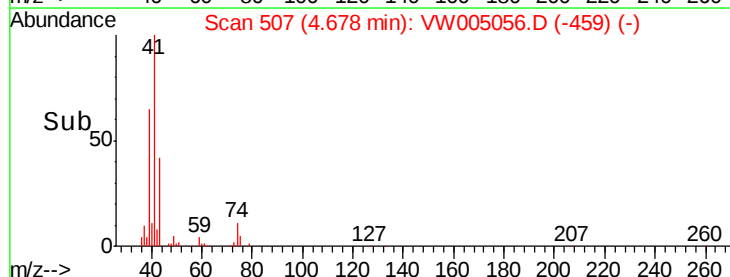
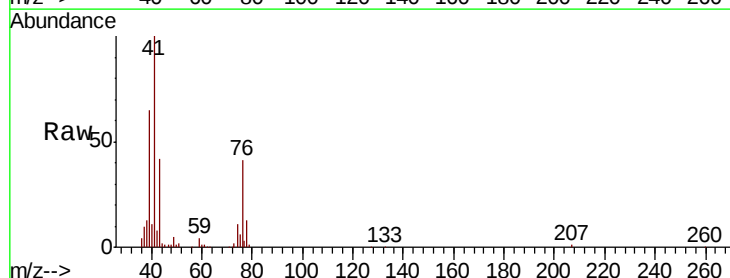
Instrument :
MSVOA_W
ClientSampled :
VSTDIC020

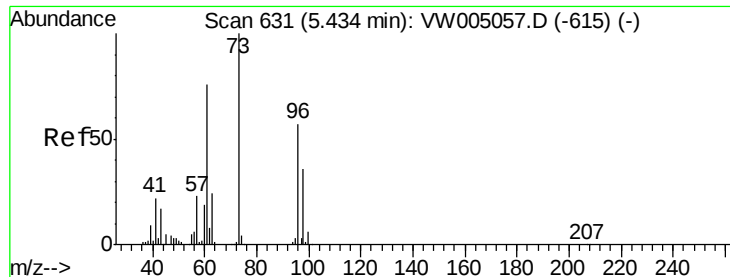
Tgt Ion: 76 Resp: 255271
Ion Ratio Lower Upper
76 100
78 9.6 7.3 10.9



#18
Methyl Acetate
Concen: 19.450 ug/l
RT: 4.68 min Scan# 507
Delta R.T. -0.01 min
Lab File: VW005056.D
Acq: 01 Sep 2018 00:39

Tgt Ion: 43 Resp: 47698
Ion Ratio Lower Upper
43 100
74 25.3 20.7 31.1

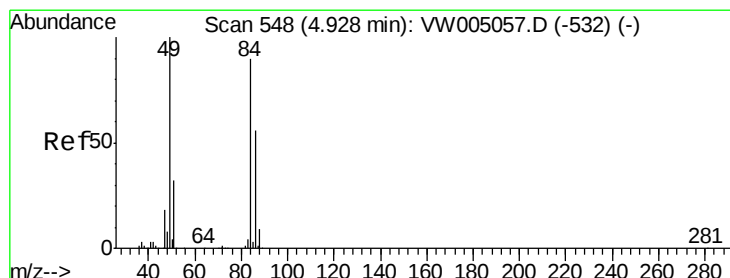
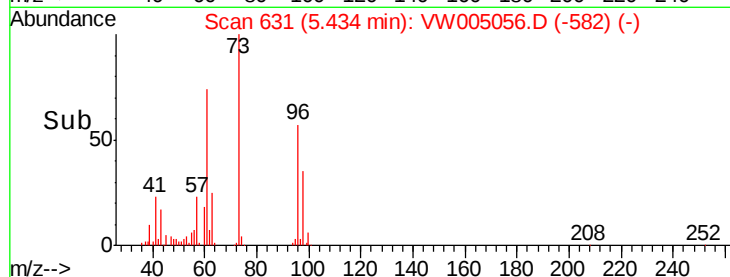
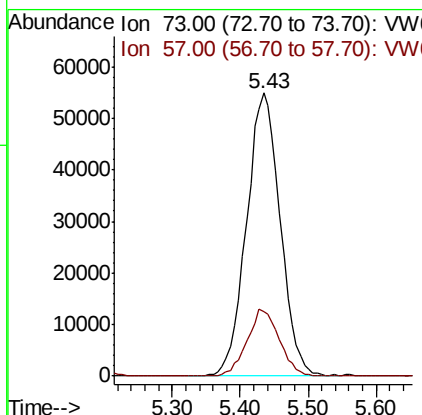
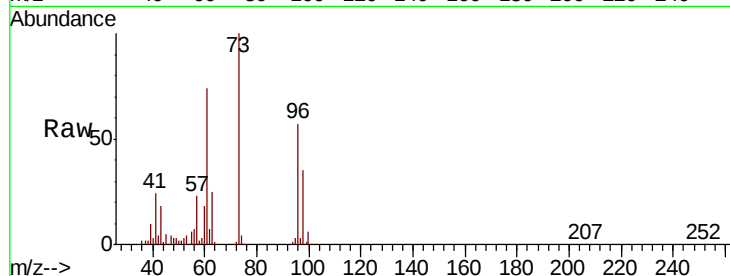




#19
Methyl tert-butyl Ether
Concen: 19.251 ug/l
RT: 5.43 min Scan# 631
Delta R.T. 0.00 min
Lab File: VW005056.D
Acq: 01 Sep 2018 00:39

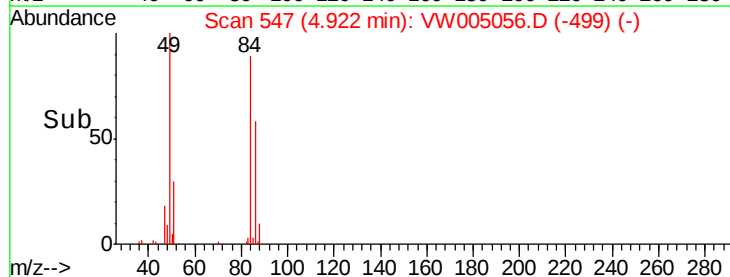
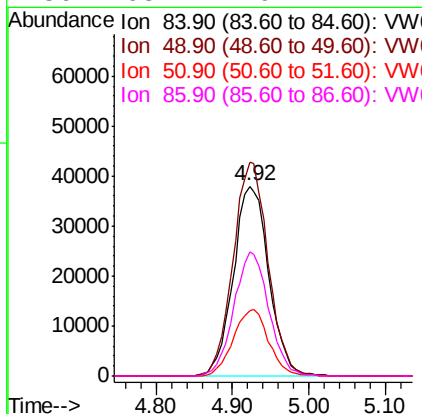
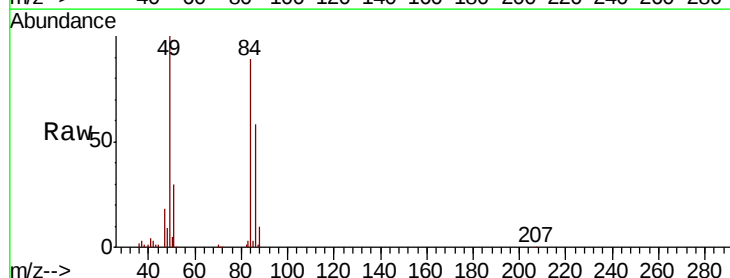
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

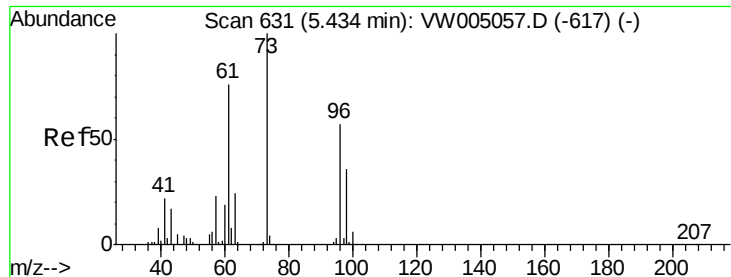
Tgt Ion: 73 Resp: 189543
Ion Ratio Lower Upper
73 100
57 22.7 18.1 27.1



#20
Methylene Chloride
Concen: 19.261 ug/l
RT: 4.92 min Scan# 547
Delta R.T. -0.01 min
Lab File: VW005056.D
Acq: 01 Sep 2018 00:39

Tgt Ion: 84 Resp: 121945
Ion Ratio Lower Upper
84 100
49 112.5 88.7 133.1
51 34.3 28.6 42.8
86 65.1 49.4 74.2





#21

trans-1,2-Dichloroethene

Concen: 18.829 ug/l

RT: 5.43 min Scan# 630

Delta R.T. -0.01 min

Lab File: VW005056.D

Acq: 01 Sep 2018 00:39

Instrument :

MSVOA_W

ClientSampled :

VSTDIC020

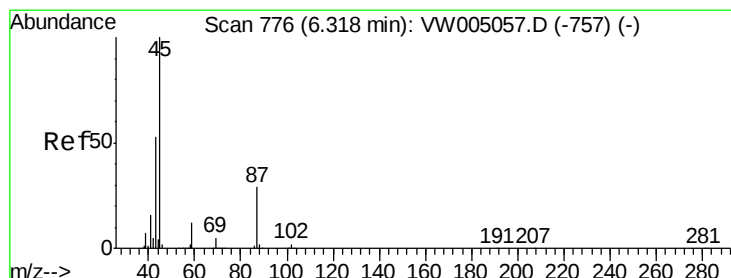
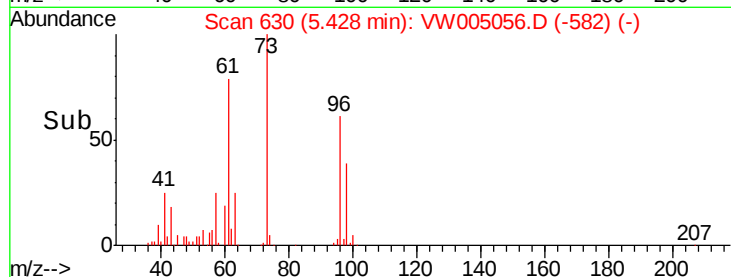
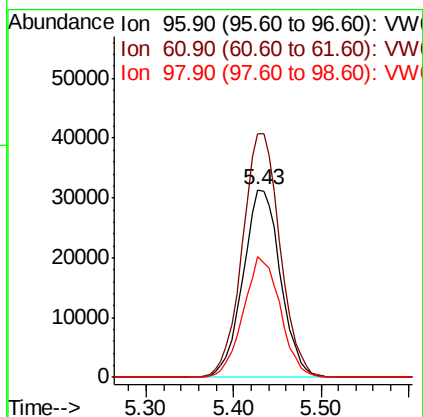
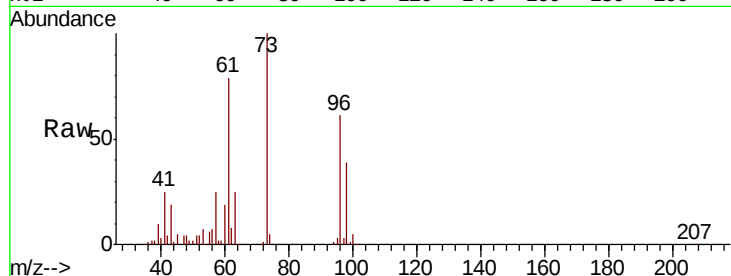
Tgt Ion: 96 Resp: 93019

Ion Ratio Lower Upper

96 100

61 129.9 106.3 159.5

98 64.2 50.9 76.3



#22

Diisopropyl ether

Concen: 19.364 ug/l

RT: 6.32 min Scan# 776

Delta R.T. 0.00 min

Lab File: VW005056.D

Acq: 01 Sep 2018 00:39

Tgt Ion: 45 Resp: 258264

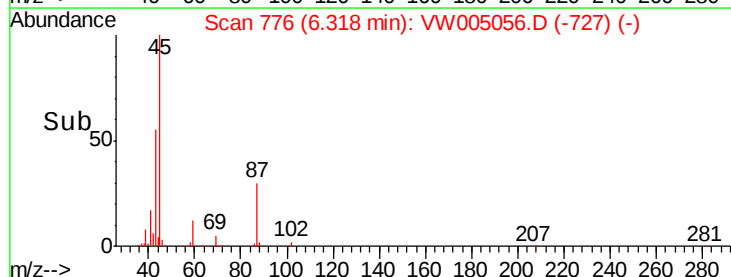
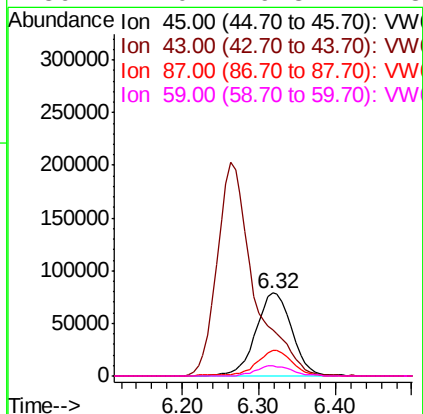
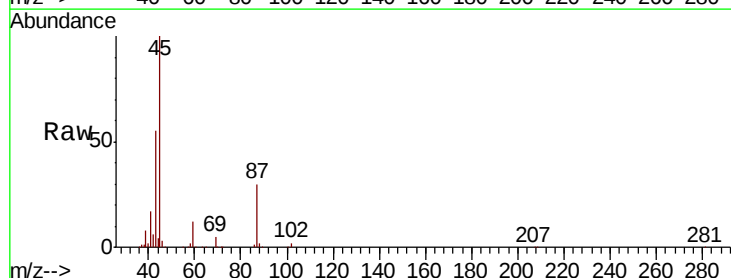
Ion Ratio Lower Upper

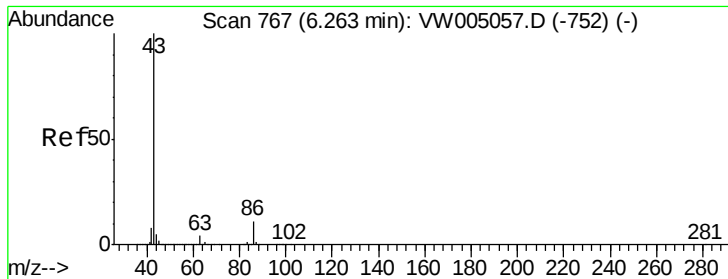
45 100

43 54.4 42.6 63.8

87 30.2 23.6 35.4

59 12.0 9.8 14.8





#23

Vinyl Acetate

Concen: 96.491 ug/l

RT: 6.26 min Scan# 767

Delta R.T. 0.00 min

Lab File: VW005056.D

Acq: 01 Sep 2018 00:39

Instrument :

MSVOA_W

ClientSampleId :

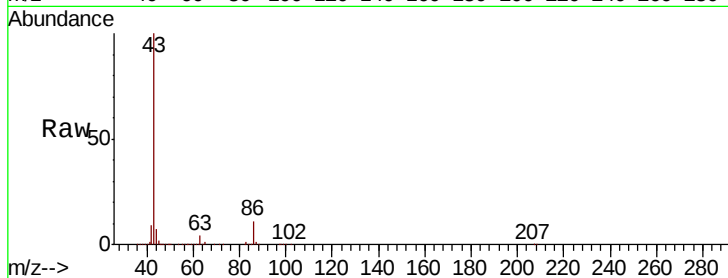
VSTDIC020

Tgt Ion: 43 Resp: 675993

Ion Ratio Lower Upper

43 100

86 10.7 9.0 13.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

200000

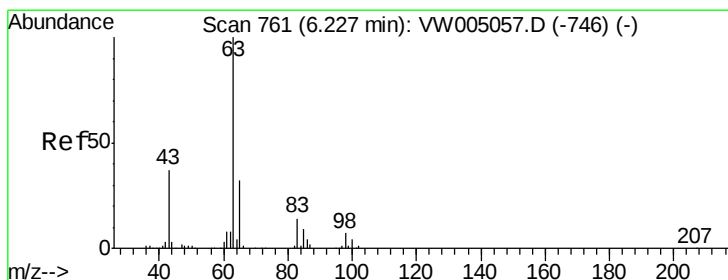
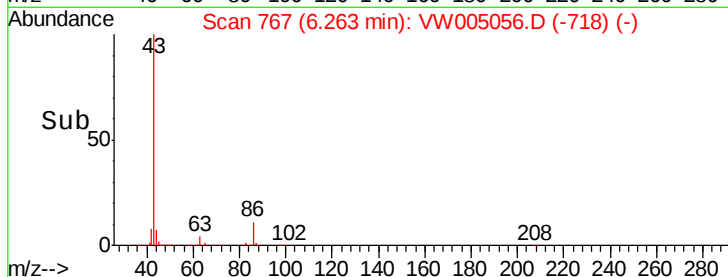
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 18.607 ug/l

RT: 6.22 min Scan# 760

Delta R.T. -0.01 min

Lab File: VW005056.D

Acq: 01 Sep 2018 00:39

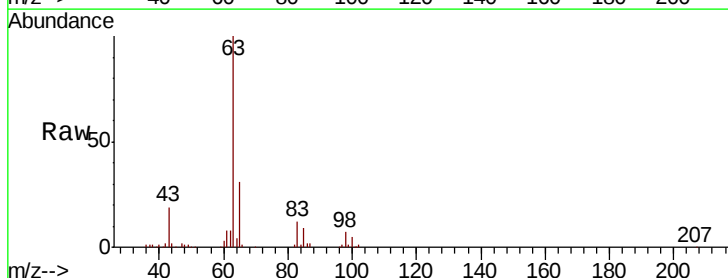
Tgt Ion: 63 Resp: 155123

Ion Ratio Lower Upper

63 100

98 6.5 3.6 10.8

100 4.6 2.2 6.6



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

6.22

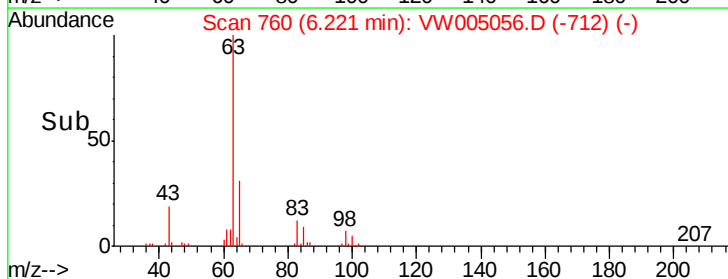
60000

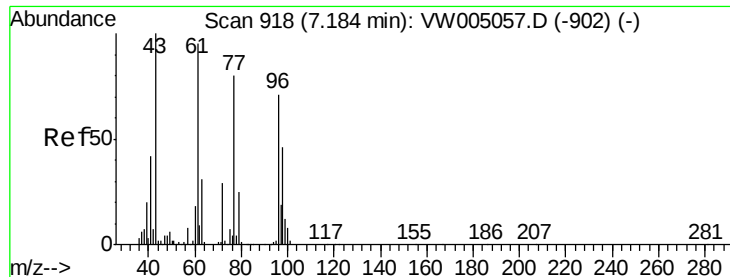
40000

20000

0

Time-->





#25

2-Butanone

Concen: 94.078 ug/l

RT: 7.18 min Scan# 917

Delta R.T. -0.01 min

Lab File: VW005056.D

Acq: 01 Sep 2018 00:39

Instrument :

MSVOA_W

ClientSampled :

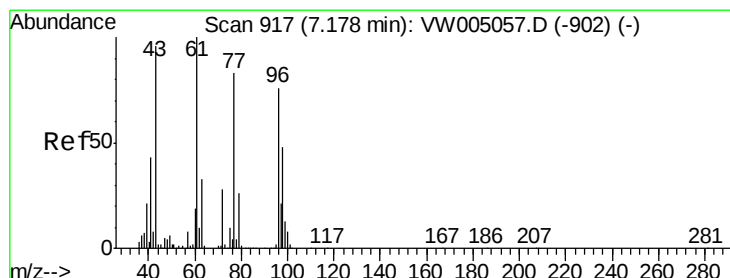
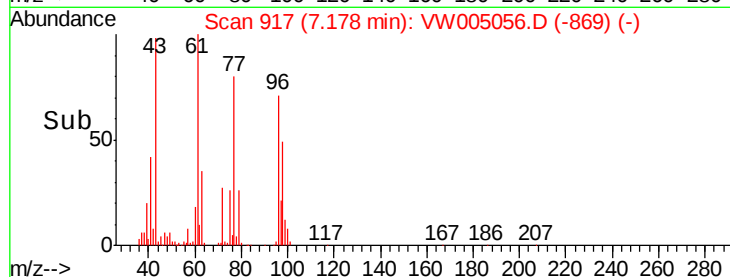
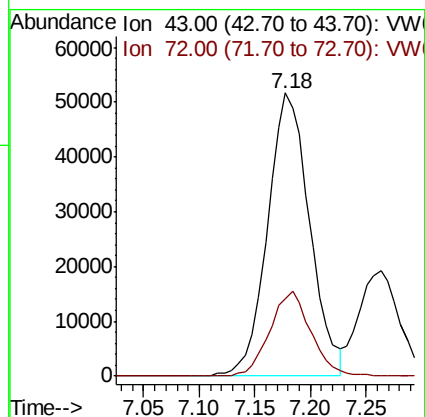
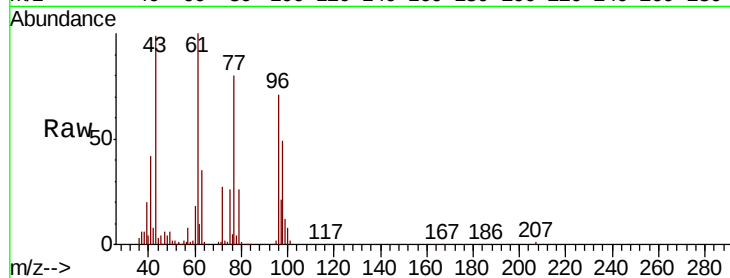
VSTDIC020

Tgt Ion: 43 Resp: 136029

Ion Ratio Lower Upper

43 100

72 27.3 23.1 34.7



#26

2,2-Dichloropropane

Concen: 18.474 ug/l

RT: 7.17 min Scan# 916

Delta R.T. -0.01 min

Lab File: VW005056.D

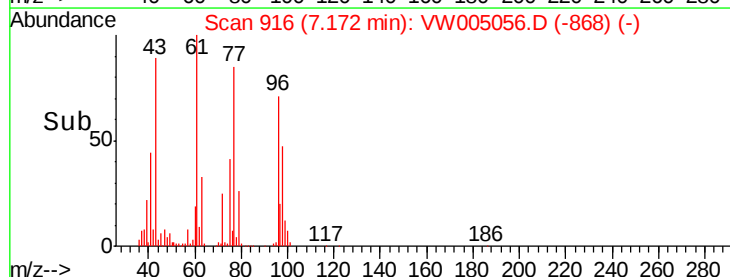
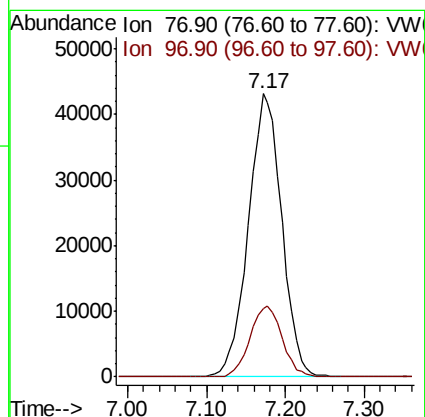
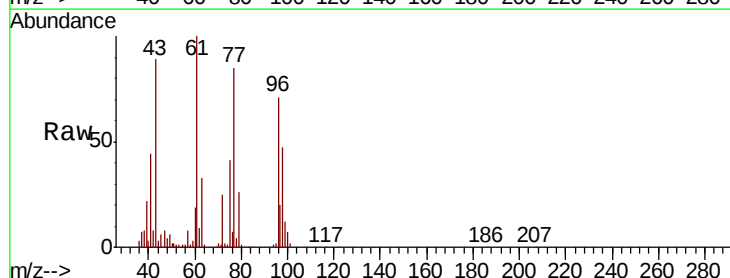
Acq: 01 Sep 2018 00:39

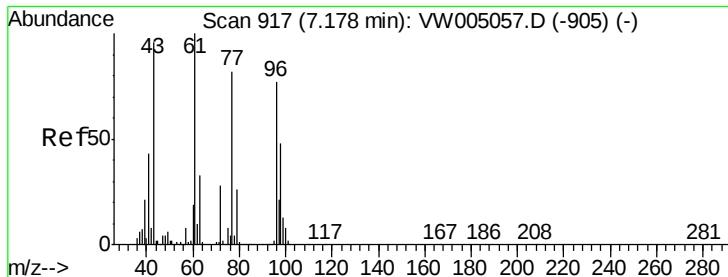
Tgt Ion: 77 Resp: 126567

Ion Ratio Lower Upper

77 100

97 24.1 12.2 36.6



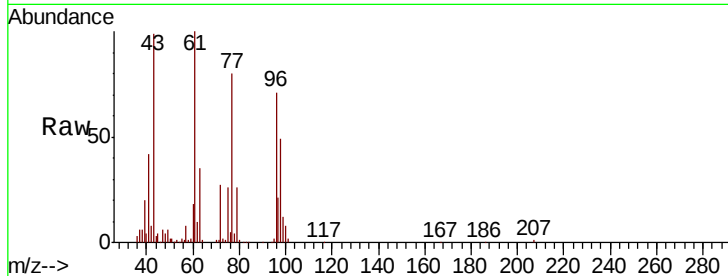


#27

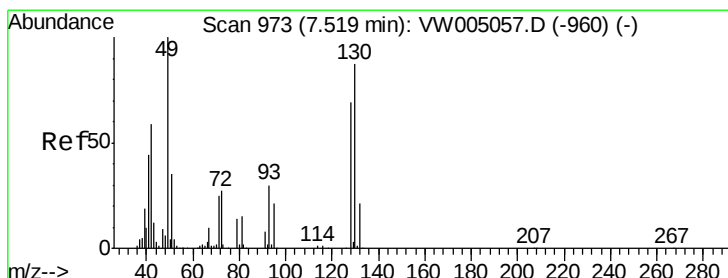
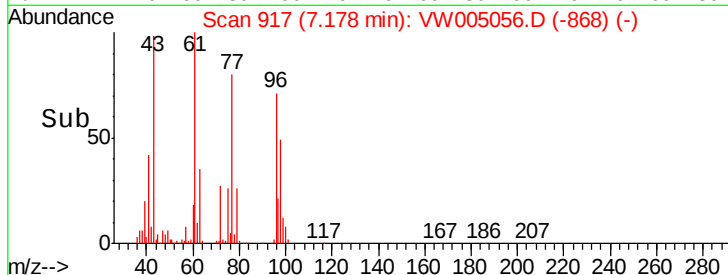
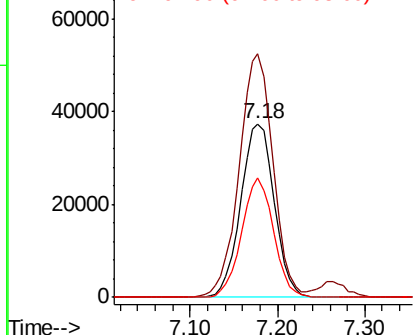
cis-1,2-Dichloroethene
Concen: 18.406 ug/l
RT: 7.18 min Scan# 917
Delta R.T. 0.00 min
Lab File: VW005056.D
Acq: 01 Sep 2018 00:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion: 96 Resp: 99471
Ion Ratio Lower Upper
96 100
61 141.2 0.0 273.2
98 65.2 0.0 127.8



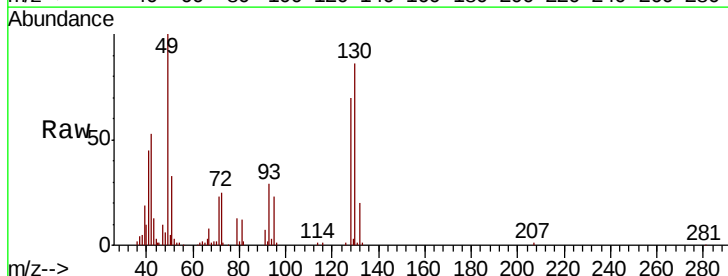
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



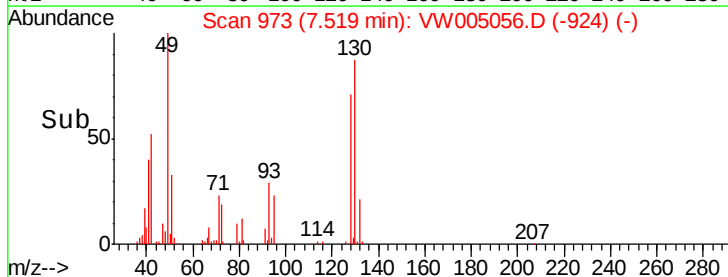
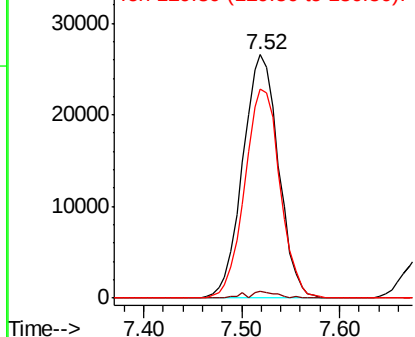
#28

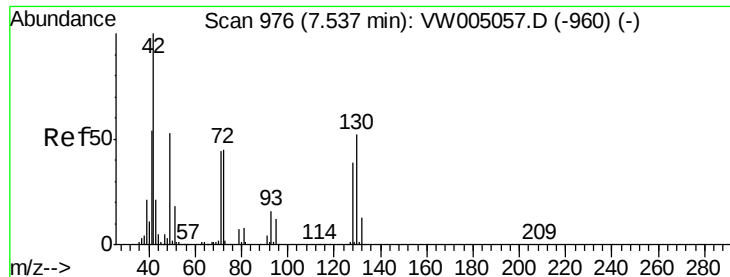
Bromochloromethane
Concen: 20.139 ug/l
RT: 7.52 min Scan# 973
Delta R.T. 0.00 min
Lab File: VW005056.D
Acq: 01 Sep 2018 00:39

Tgt Ion: 49 Resp: 67576
Ion Ratio Lower Upper
49 100
129 1.8 0.0 4.4
130 85.0 69.6 104.4



Abundance Ion 48.90 (48.60 to 49.60): VW
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 94.271 ug/l

RT: 7.54 min Scan# 976

Delta R.T. 0.00 min

Lab File: VW005056.D

Acq: 01 Sep 2018 00:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

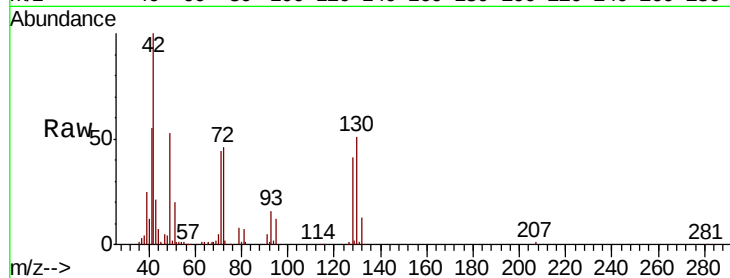
Tgt Ion: 42 Resp: 69648

Ion Ratio Lower Upper

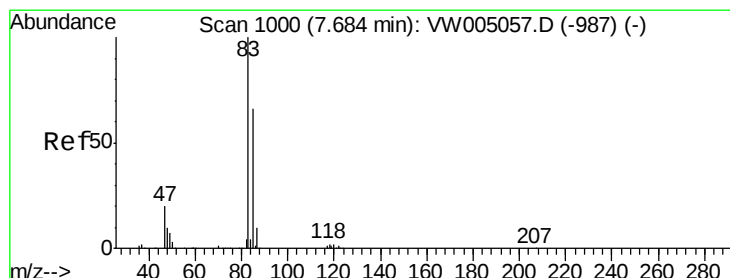
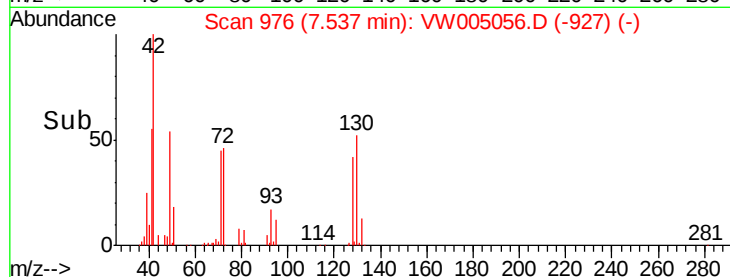
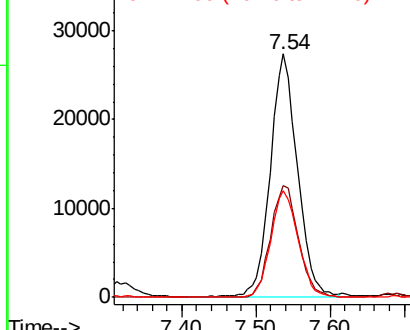
42 100

72 47.0 37.0 55.4

71 44.1 35.0 52.6



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



#30

Chloroform

Concen: 18.894 ug/l

RT: 7.68 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VW005056.D

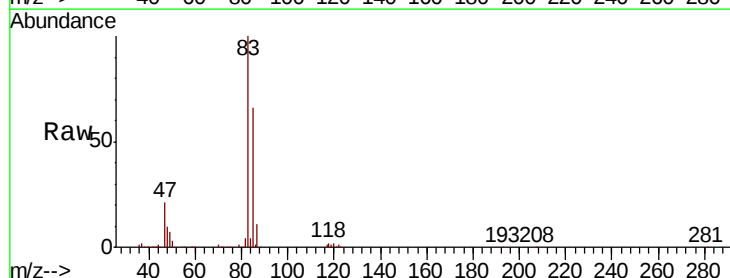
Acq: 01 Sep 2018 00:39

Tgt Ion: 83 Resp: 160768

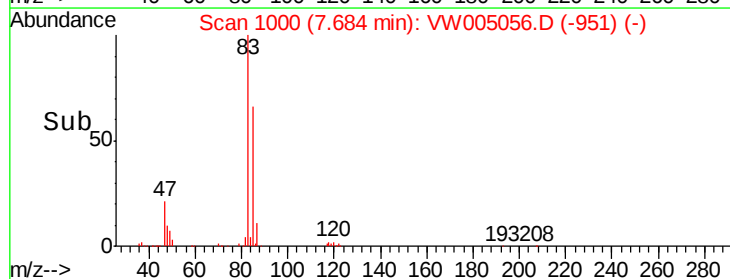
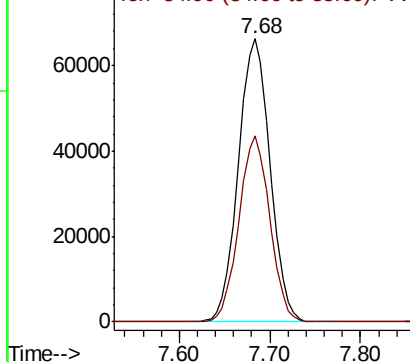
Ion Ratio Lower Upper

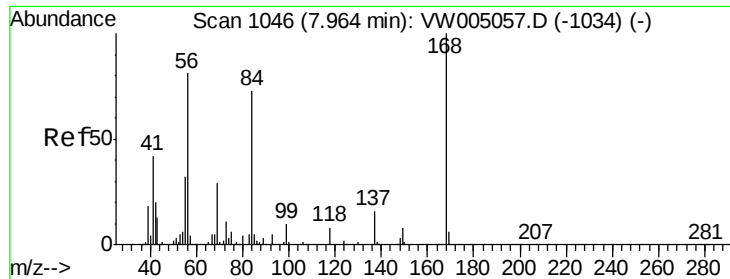
83 100

85 65.8 53.1 79.7



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

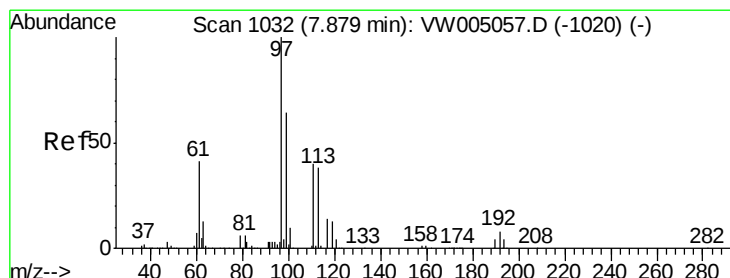
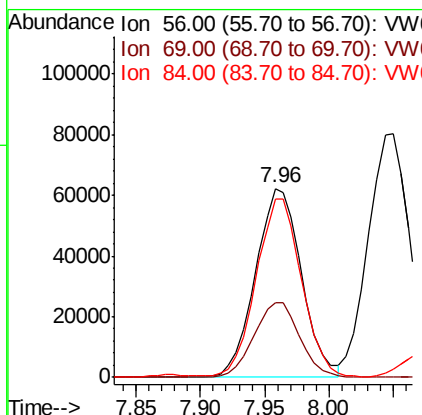
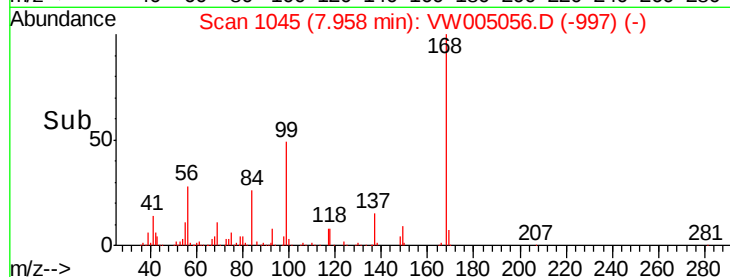
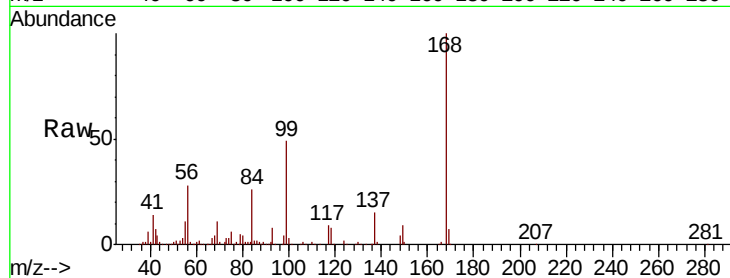




#31
Cyclohexane
Concen: 18.898 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. -0.01 min
Lab File: VW005056.D
Acq: 01 Sep 2018 00:39

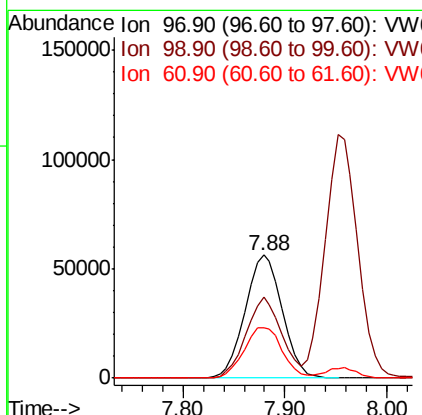
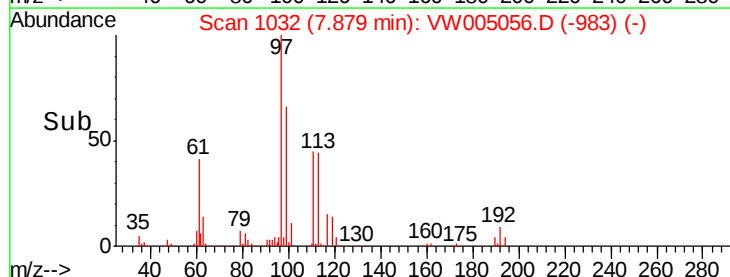
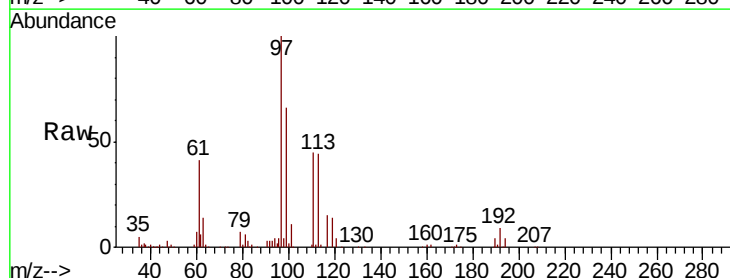
Instrument :
MSVOA_W
ClientSampled :
VSTDIC020

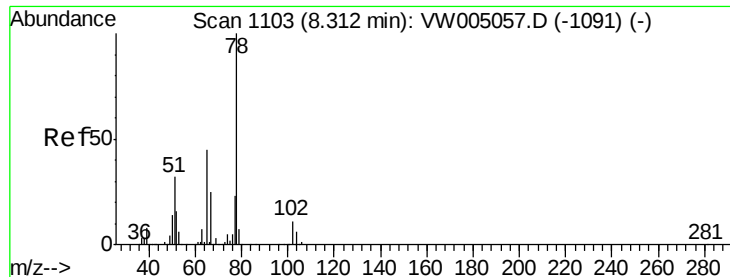
Tgt Ion: 56 Resp: 154286
Ion Ratio Lower Upper
56 100
69 39.5 28.2 42.2
84 93.5 71.8 107.8



#32
1,1,1-Trichloroethane
Concen: 19.200 ug/l
RT: 7.88 min Scan# 1032
Delta R.T. 0.00 min
Lab File: VW005056.D
Acq: 01 Sep 2018 00:39

Tgt Ion: 97 Resp: 142284
Ion Ratio Lower Upper
97 100
99 63.1 51.8 77.8
61 42.1 33.2 49.8

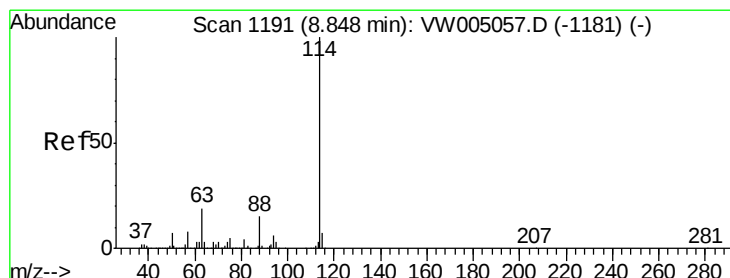
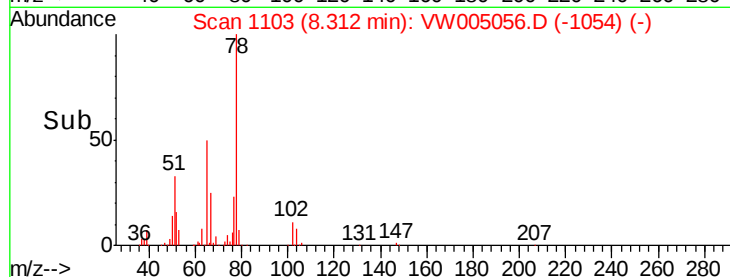
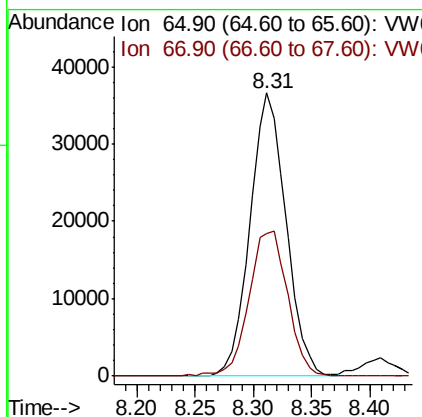
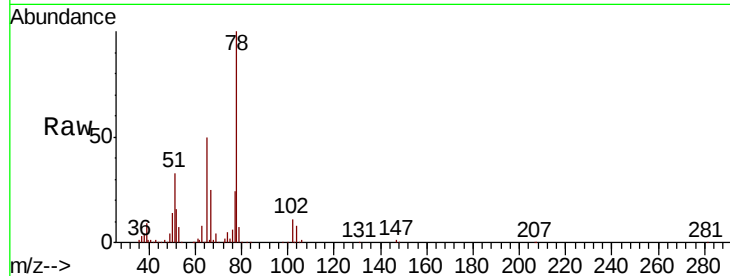




#33
 1,2-Dichloroethane-d4
 Concen: 18.979 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW005056.D
 Acq: 01 Sep 2018 00:39

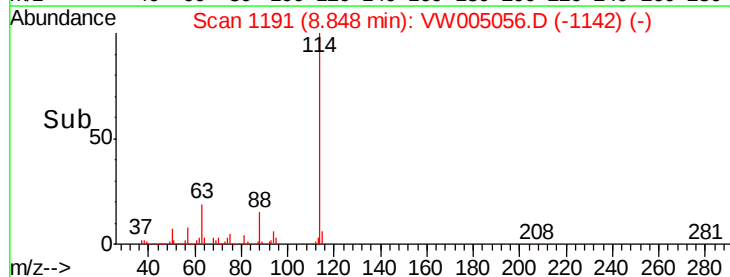
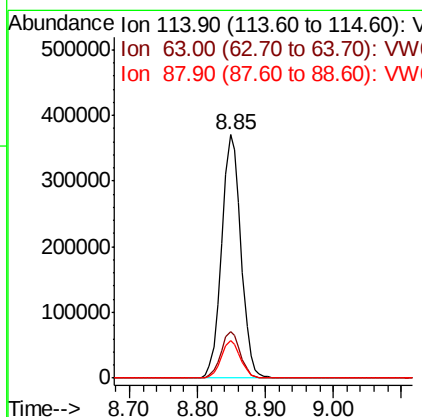
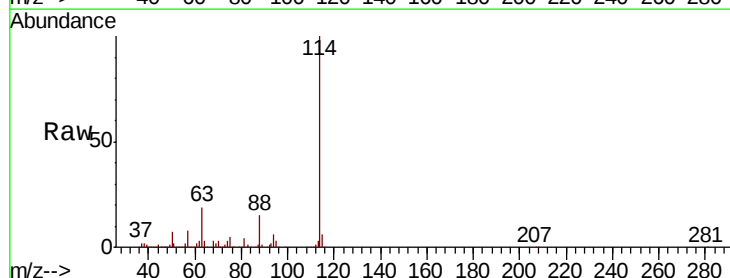
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

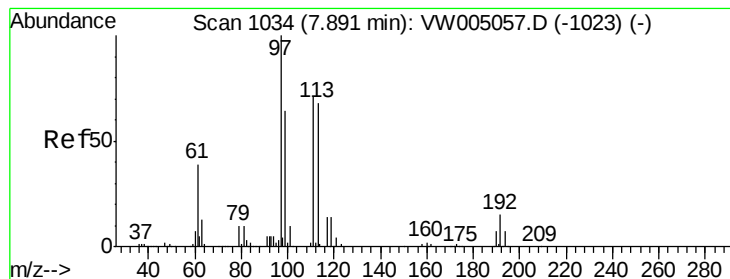
Tgt Ion: 65 Resp: 78893
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW005056.D
 Acq: 01 Sep 2018 00:39

Tgt Ion: 114 Resp: 727955
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 38.0
 88 15.4 0.0 30.2





#35

Dibromofluoromethane

Concen: 18.831 ug/l

RT: 7.89 min Scan# 1034

Delta R.T. 0.00 min

Lab File: VW005056.D

Acq: 01 Sep 2018 00:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

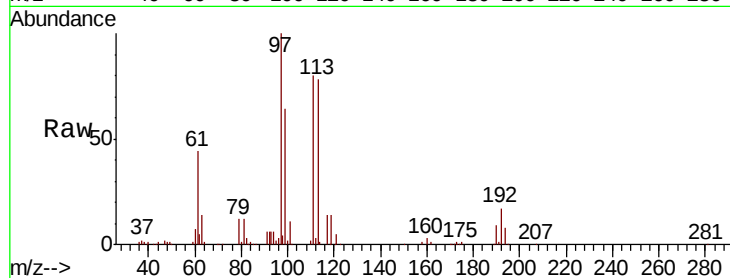
Tgt Ion: 113 Resp: 79219

Ion Ratio Lower Upper

113 100

111 102.9 82.2 123.2

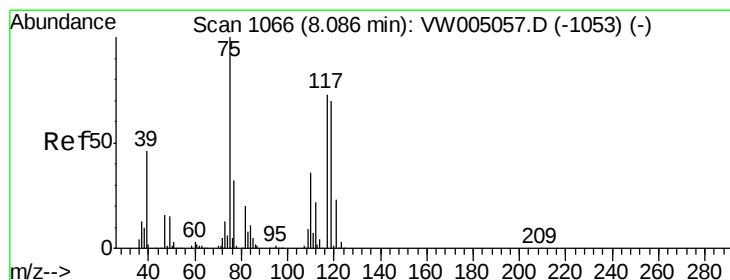
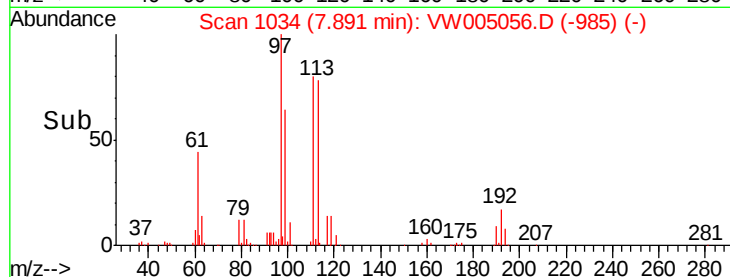
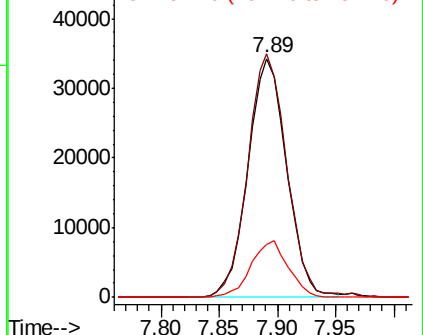
192 22.9 18.1 27.1



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: 19.155 ug/l

RT: 8.09 min Scan# 1067

Delta R.T. 0.01 min

Lab File: VW005056.D

Acq: 01 Sep 2018 00:39

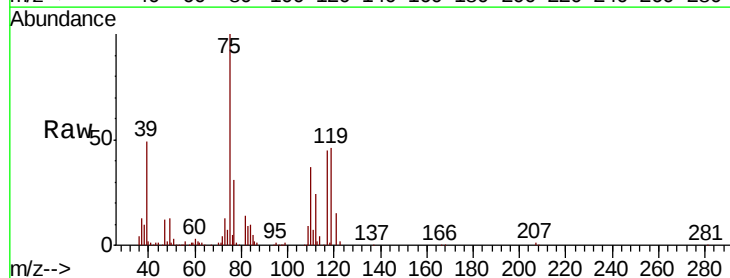
Tgt Ion: 75 Resp: 132804

Ion Ratio Lower Upper

75 100

110 36.8 18.9 56.7

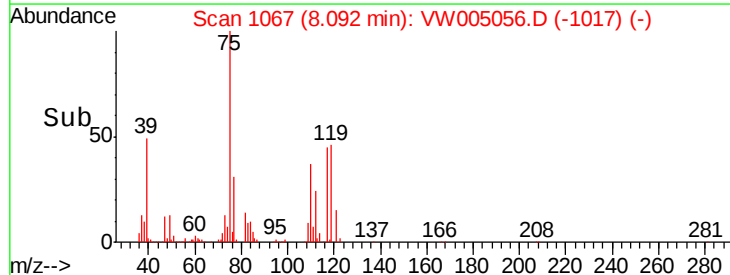
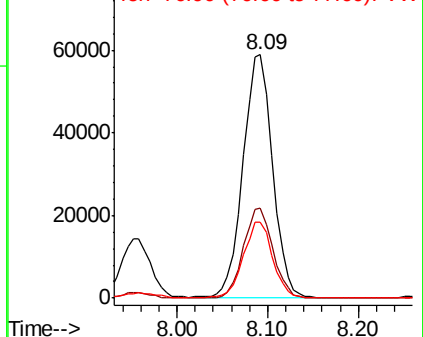
77 31.3 25.5 38.3

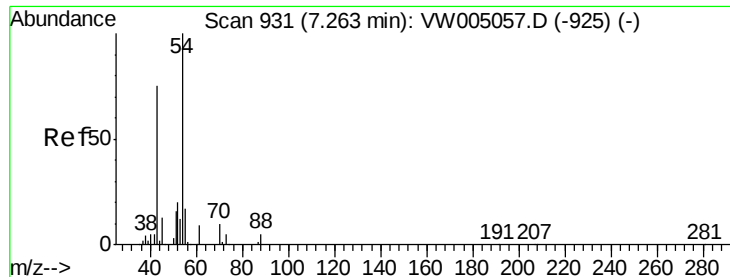


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

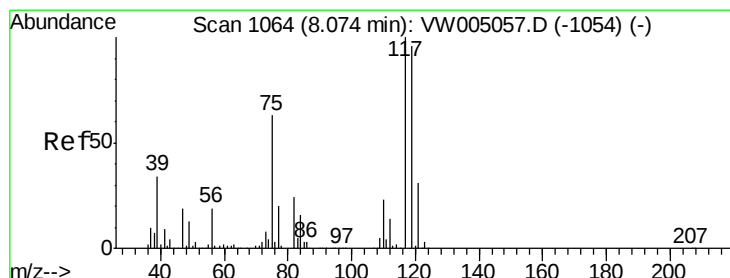
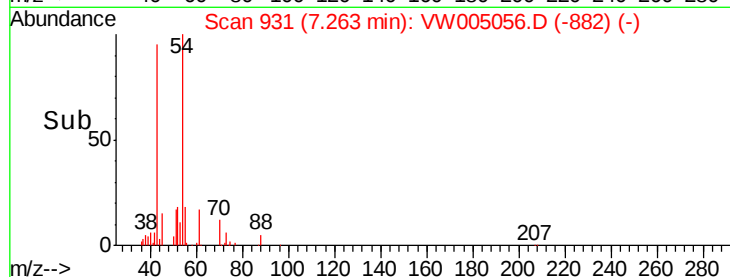
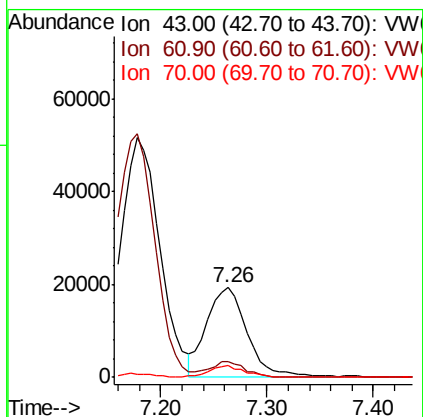
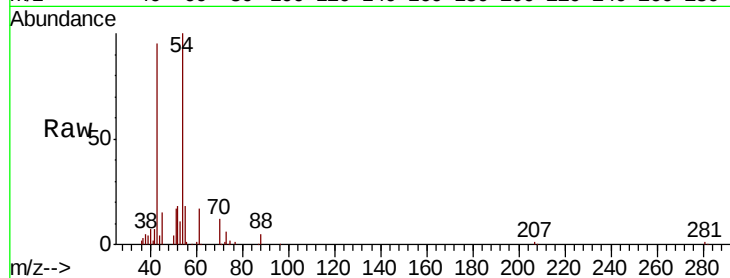




#37
Ethyl Acetate
Concen: 19.413 ug/l
RT: 7.26 min Scan# 931
Delta R.T. 0.00 min
Lab File: VW005056.D
Acq: 01 Sep 2018 00:39

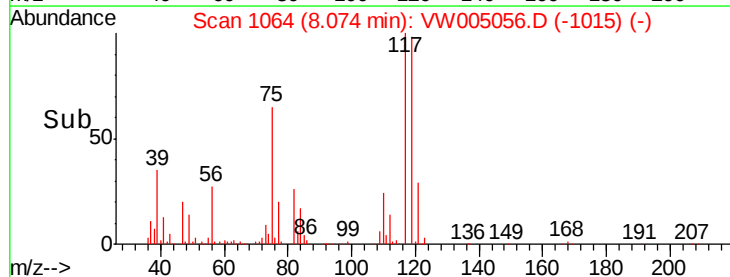
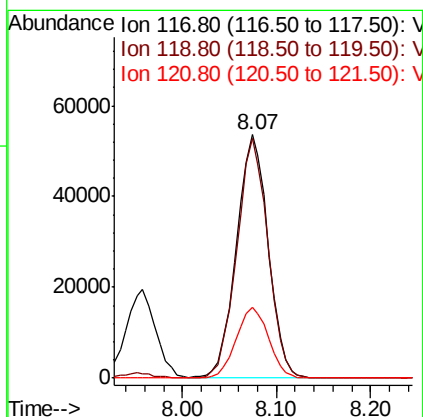
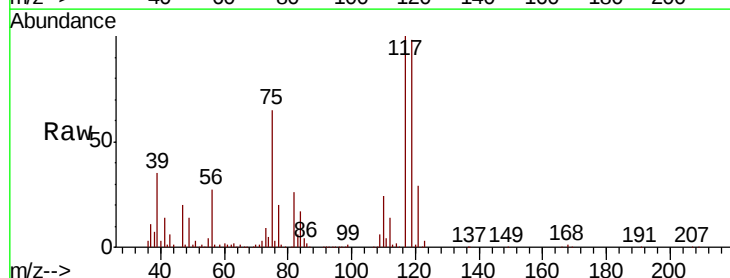
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

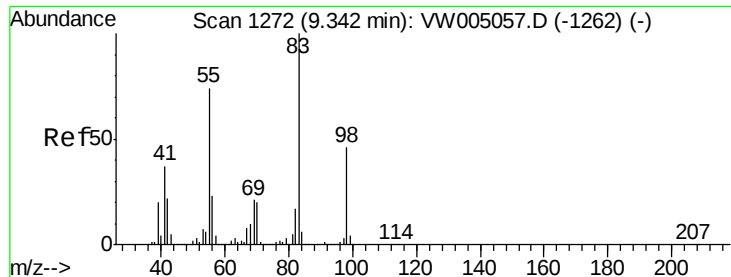
Tgt Ion: 43 Resp: 50335
Ion Ratio Lower Upper
43 100
61 15.7 12.1 18.1
70 12.0 9.4 14.2



#38
Carbon Tetrachloride
Concen: 19.150 ug/l
RT: 8.07 min Scan# 1064
Delta R.T. 0.00 min
Lab File: VW005056.D
Acq: 01 Sep 2018 00:39

Tgt Ion: 117 Resp: 126242
Ion Ratio Lower Upper
117 100
119 98.5 76.6 115.0
121 29.1 24.8 37.2

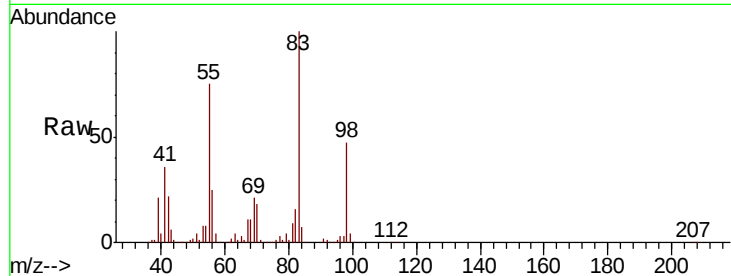




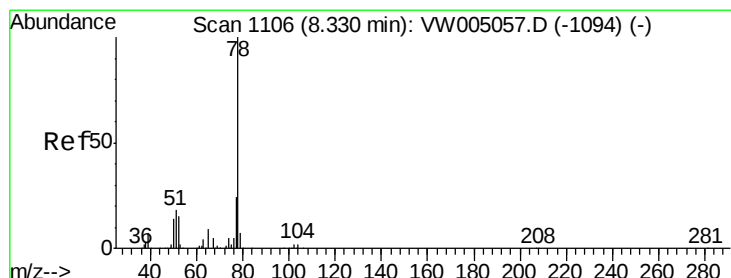
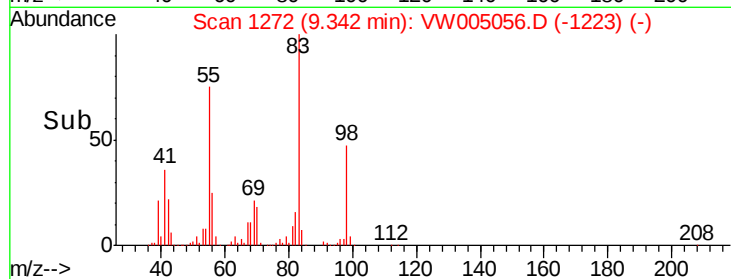
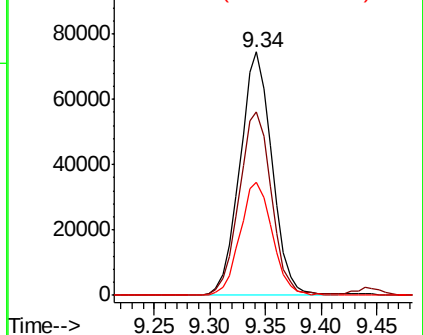
#39
Methylcyclohexane
Concen: 17.803 ug/l
RT: 9.34 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VW005056.D
Acq: 01 Sep 2018 00:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion: 83 Resp: 149270
Ion Ratio Lower Upper
83 100
55 75.3 58.9 88.3
98 46.6 36.8 55.2

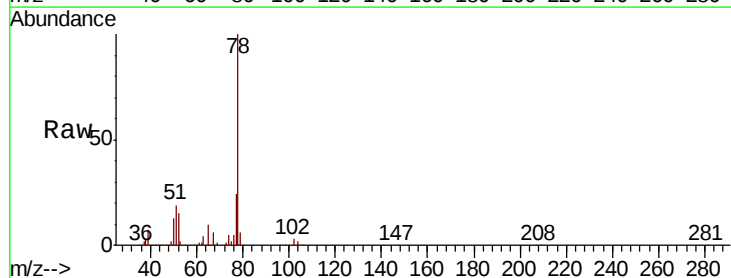


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

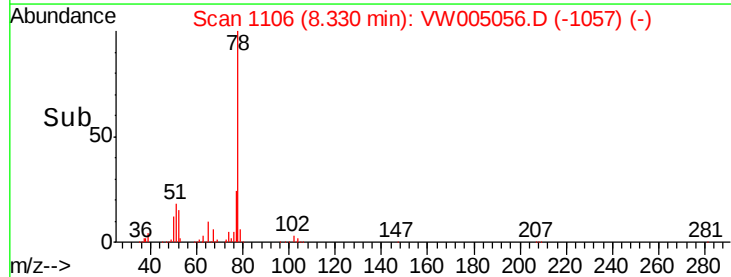
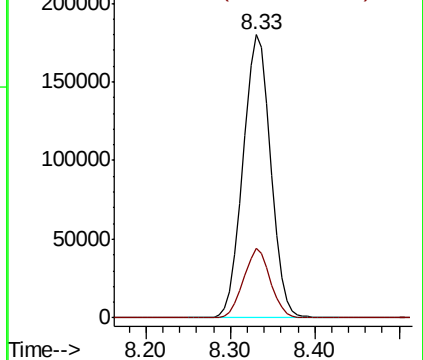


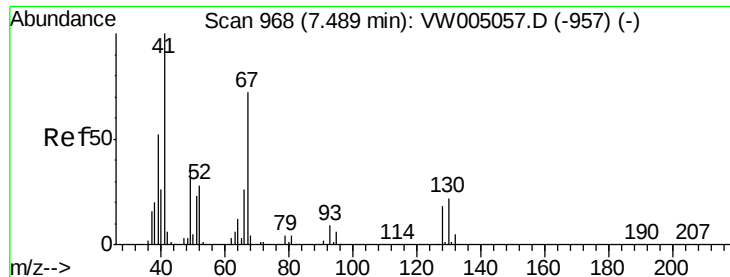
#40
Benzene
Concen: 18.833 ug/l
RT: 8.33 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VW005056.D
Acq: 01 Sep 2018 00:39

Tgt Ion: 78 Resp: 399715
Ion Ratio Lower Upper
78 100
77 24.4 19.4 29.0



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

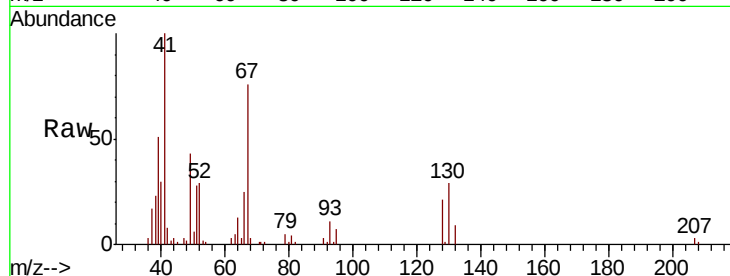




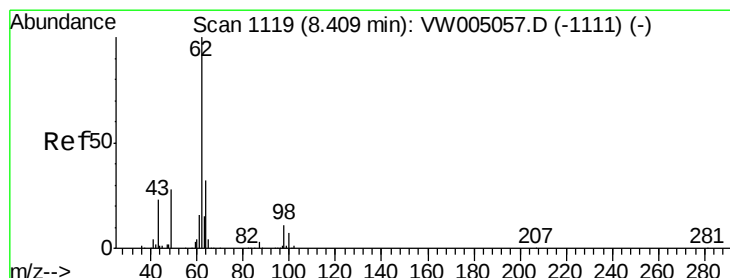
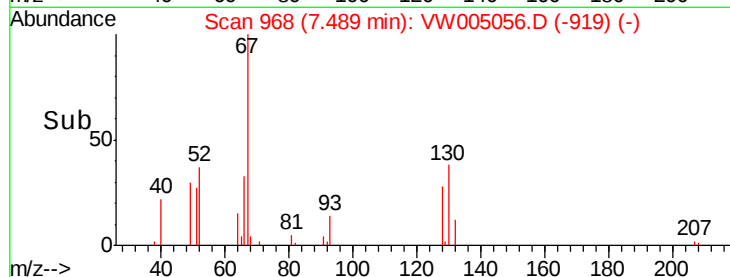
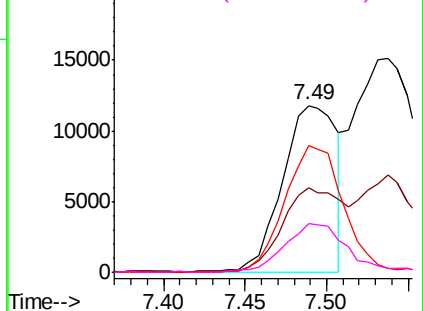
#41
Methacrylonitrile
Concen: 18.105 ug/l
RT: 7.49 min Scan# 968
Delta R.T. 0.00 min
Lab File: VW005056.D
Acq: 01 Sep 2018 00:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion:	41	Resp:	27199
Ion	Ratio	Lower	Upper
41	100		
39	57.3	41.8	62.8
67	82.5	60.4	90.6
52	34.1	23.8	35.8

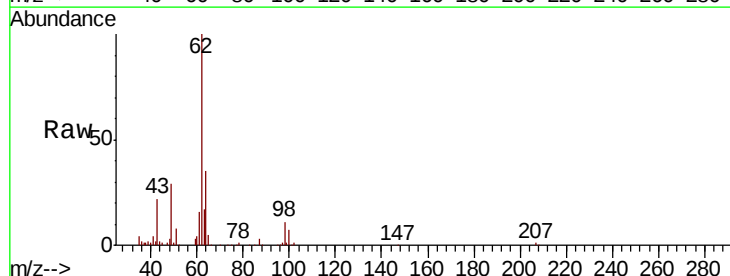


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

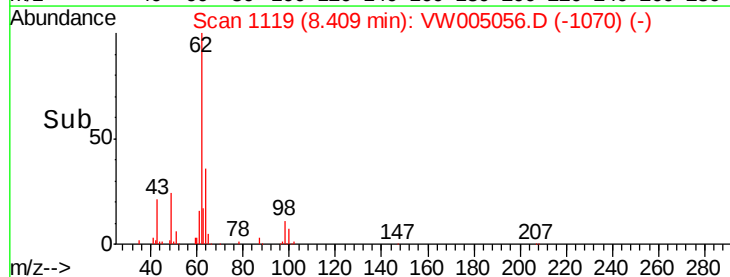
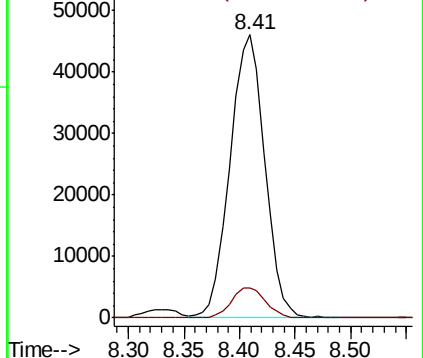


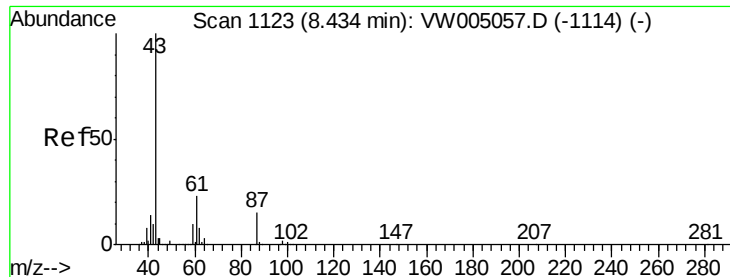
#42
1,2-Dichloroethane
Concen: 19.214 ug/l
RT: 8.41 min Scan# 1119
Delta R.T. 0.00 min
Lab File: VW005056.D
Acq: 01 Sep 2018 00:39

Tgt Ion:	62	Resp:	99806
Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	21.8



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





#43

Isopropyl Acetate

Concen: 18.534 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VW005056.D

Acq: 01 Sep 2018 00:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

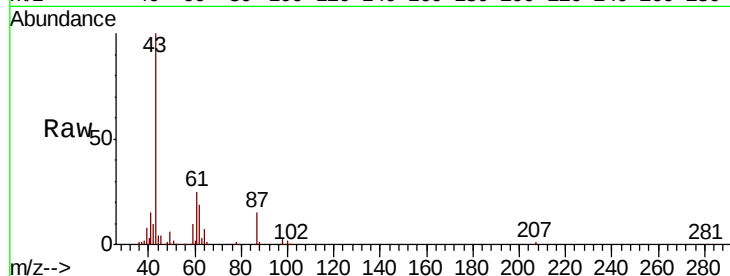
Tgt Ion: 43 Resp: 87446

Ion Ratio Lower Upper

43 100

61 35.4 26.8 40.2

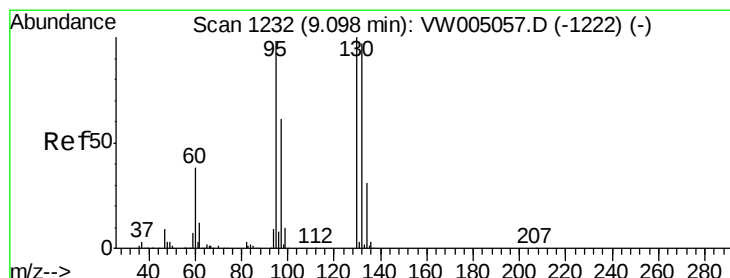
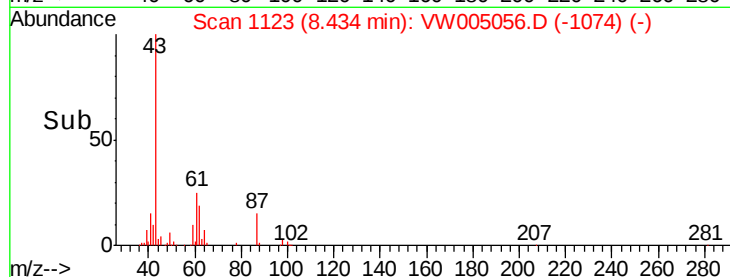
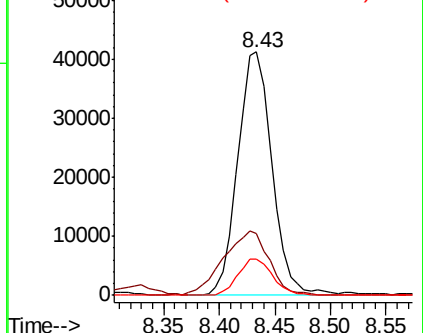
87 15.1 11.6 17.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 18.987 ug/l

RT: 9.10 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VW005056.D

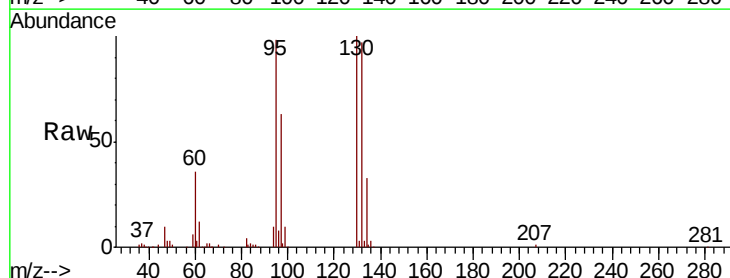
Acq: 01 Sep 2018 00:39

Tgt Ion: 130 Resp: 108731

Ion Ratio Lower Upper

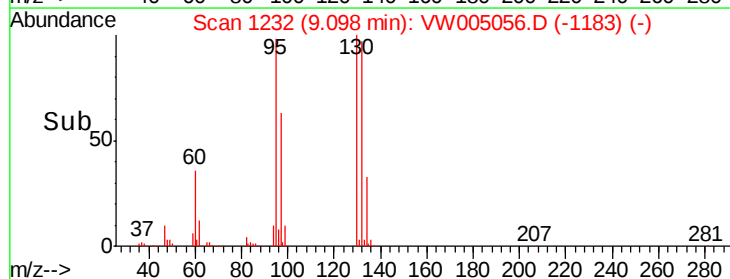
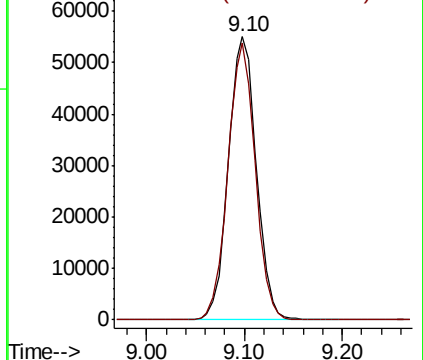
130 100

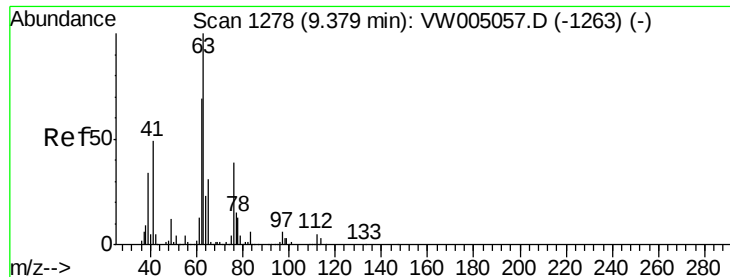
95 98.0 0.0 195.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 19.099 ug/l

RT: 9.37 min Scan# 1277

Delta R.T. -0.01 min

Lab File: VW005056.D

Acq: 01 Sep 2018 00:39

Instrument :

MSVOA_W

ClientSampleId :

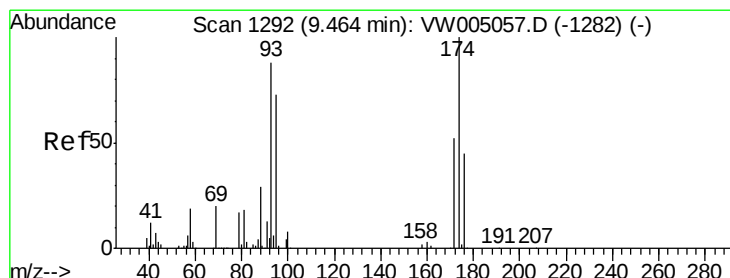
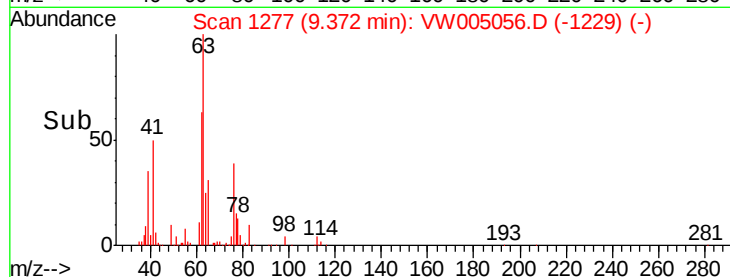
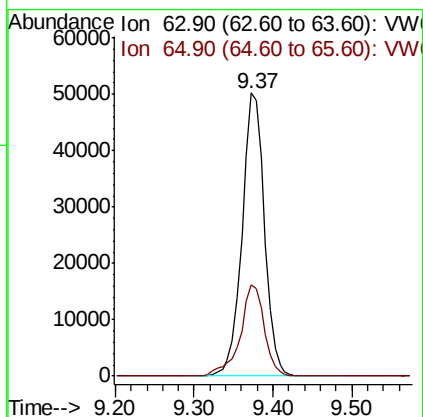
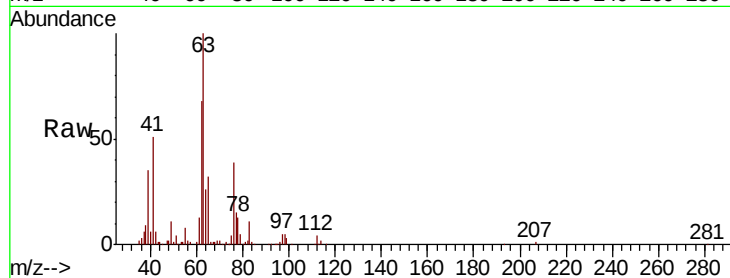
VSTDIC020

Tgt Ion: 63 Resp: 99030

Ion Ratio Lower Upper

63 100

65 32.1 24.6 37.0



#46

Dibromomethane

Concen: 19.195 ug/l

RT: 9.46 min Scan# 1292

Delta R.T. 0.00 min

Lab File: VW005056.D

Acq: 01 Sep 2018 00:39

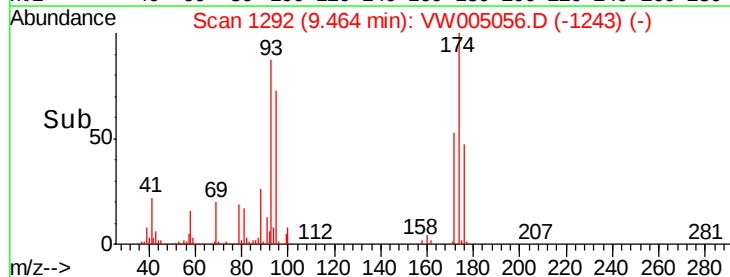
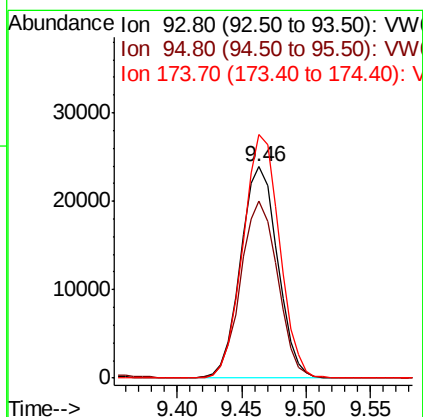
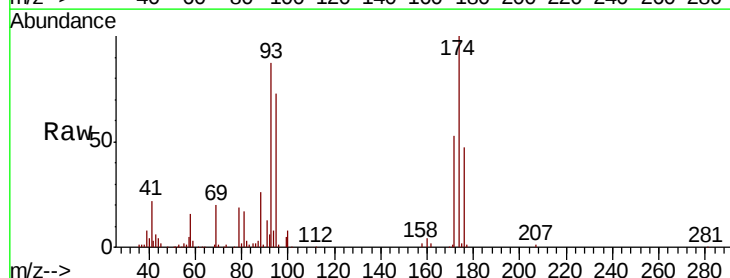
Tgt Ion: 93 Resp: 47591

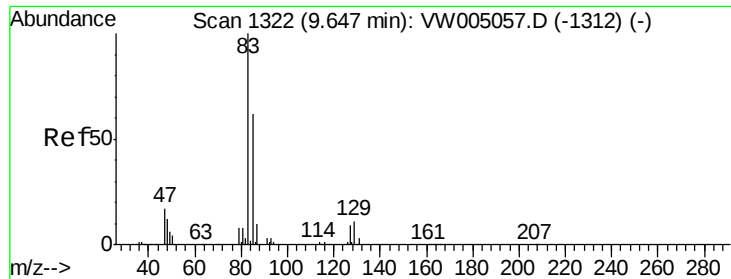
Ion Ratio Lower Upper

93 100

95 83.5 66.2 99.4

174 113.7 92.0 138.0





#47

Bromodichloromethane

Concen: 19.356 ug/l

RT: 9.65 min Scan# 1323

Delta R.T. 0.01 min

Lab File: VW005056.D

Acq: 01 Sep 2018 00:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

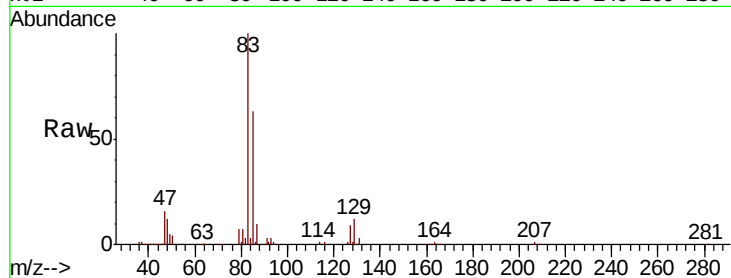
Tgt Ion: 83 Resp: 120835

Ion Ratio Lower Upper

83 100

85 63.4 49.8 74.6

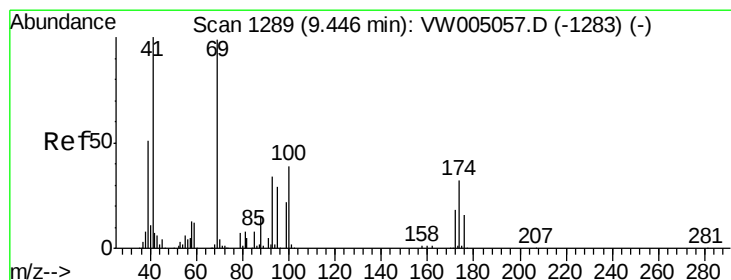
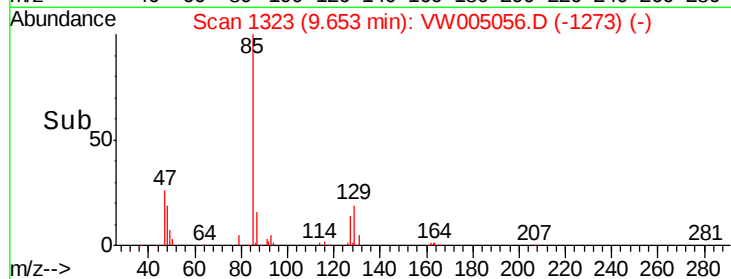
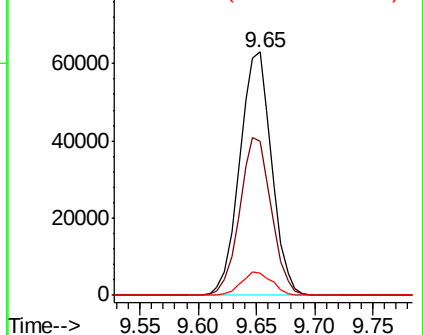
127 9.2 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 17.926 ug/l

RT: 9.44 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VW005056.D

Acq: 01 Sep 2018 00:39

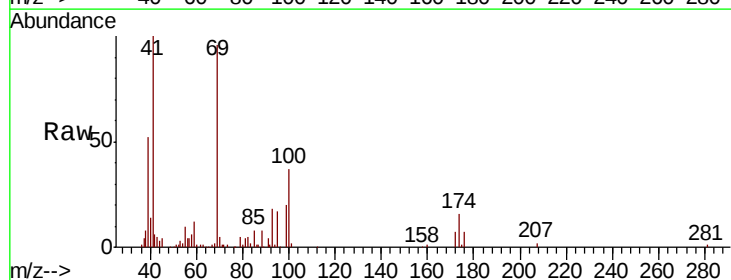
Tgt Ion: 41 Resp: 40725

Ion Ratio Lower Upper

41 100

69 103.1 80.4 120.6

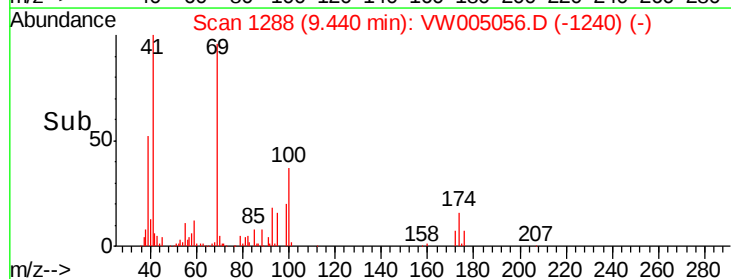
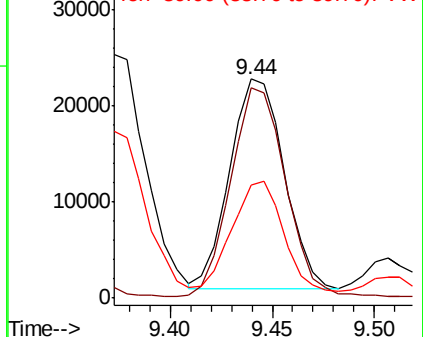
39 49.5 43.5 65.3

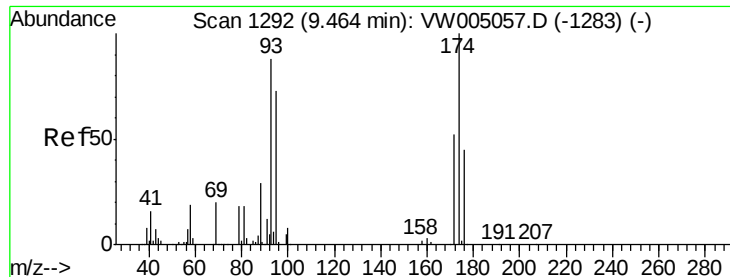


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 371.398 ug/l

RT: 9.46 min Scan# 1292

Delta R.T. 0.00 min

Lab File: VW005056.D

Acq: 01 Sep 2018 00:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

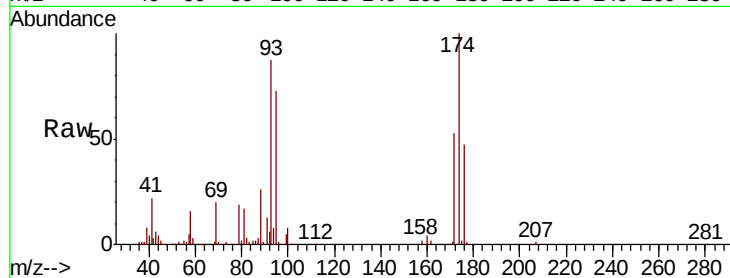
Tgt Ion: 88 Resp: 14891

Ion Ratio Lower Upper

88 100

43 26.5 19.8 29.6

58 71.5 57.1 85.7

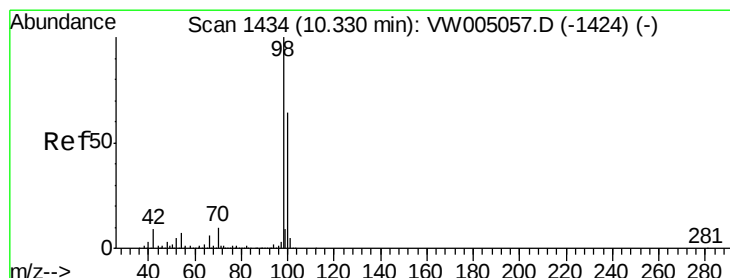
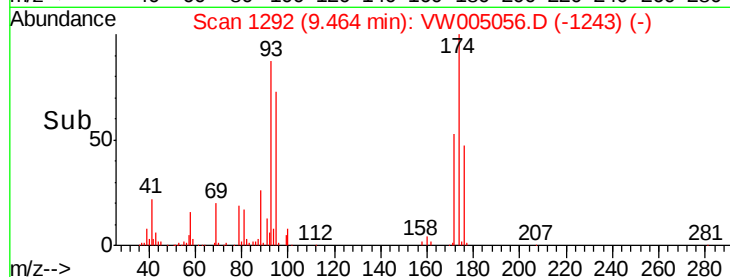
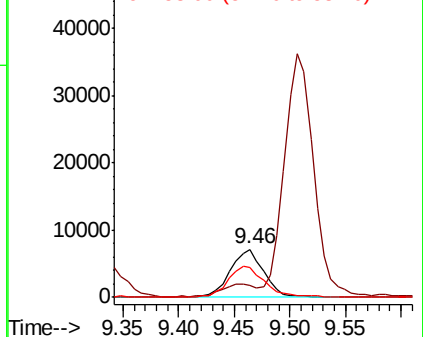


Abundance

Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 18.452 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW005056.D

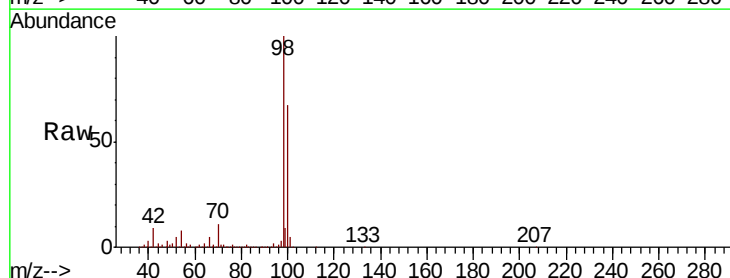
Acq: 01 Sep 2018 00:39

Tgt Ion: 98 Resp: 357680

Ion Ratio Lower Upper

98 100

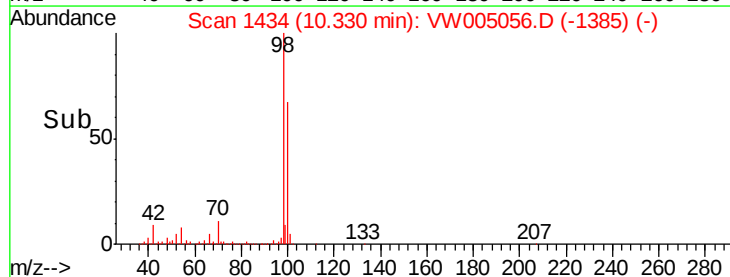
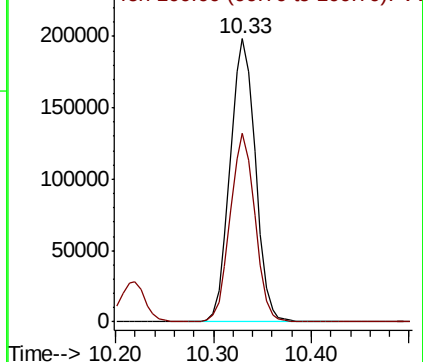
100 65.2 51.7 77.5

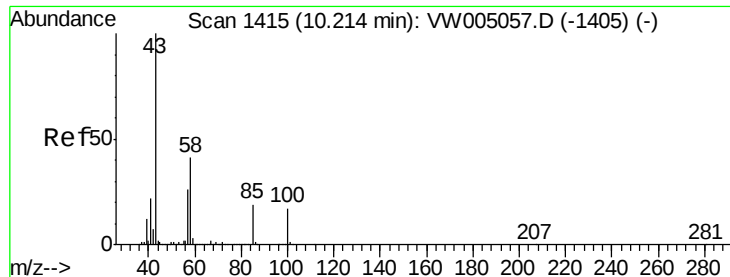


Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 92.986 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. 0.00 min

Lab File: VW005056.D

Acq: 01 Sep 2018 00:39

Instrument :

MSVOA_W

ClientSampleId :

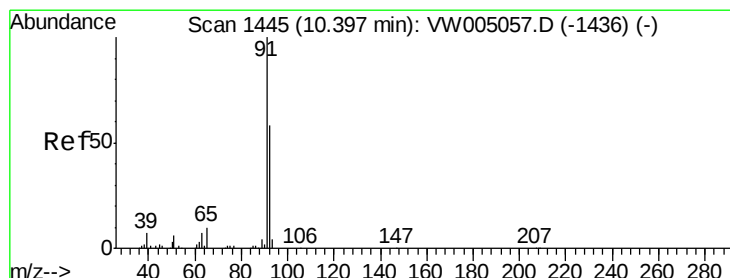
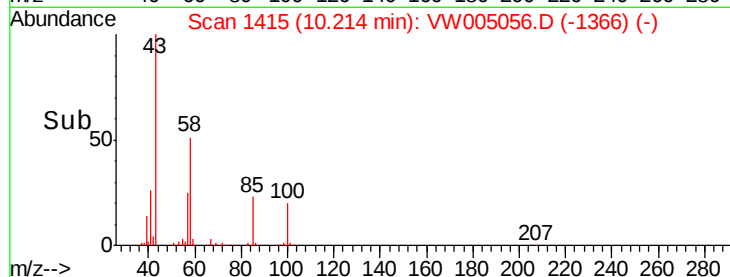
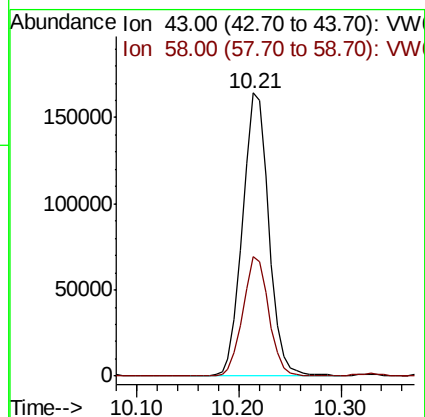
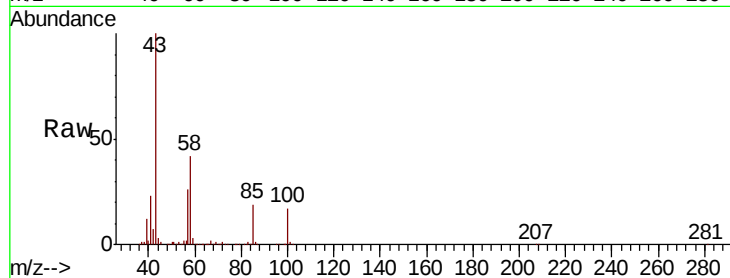
VSTDIC020

Tgt Ion: 43 Resp: 294024

Ion Ratio Lower Upper

43 100

58 41.6 33.3 49.9



#52

Toluene

Concen: 18.662 ug/l

RT: 10.40 min Scan# 1445

Delta R.T. 0.00 min

Lab File: VW005056.D

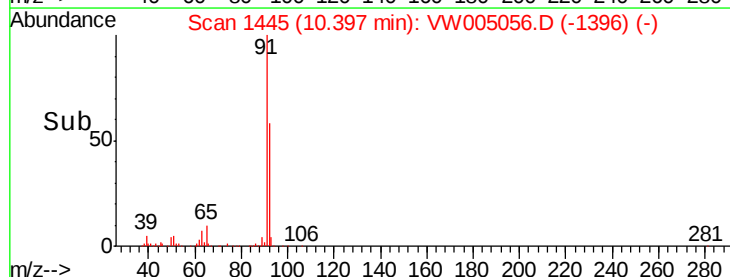
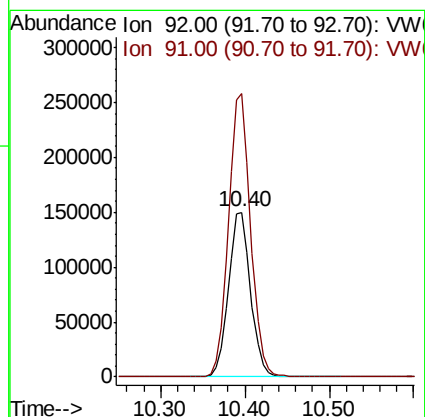
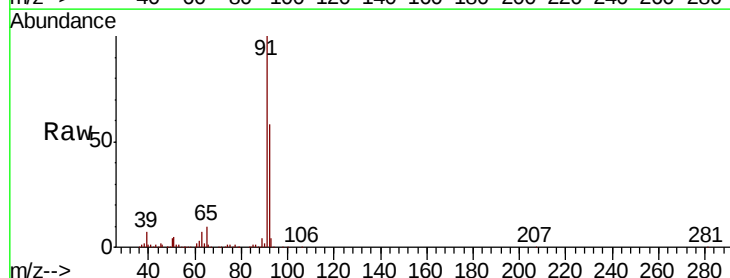
Acq: 01 Sep 2018 00:39

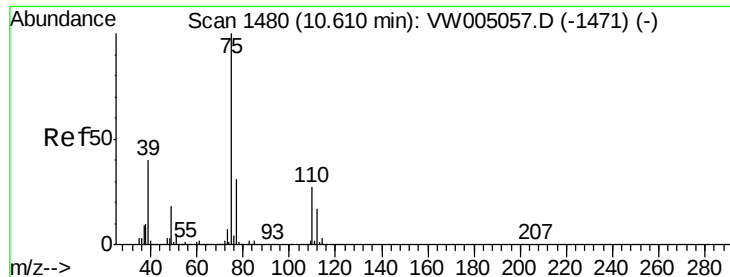
Tgt Ion: 92 Resp: 268376

Ion Ratio Lower Upper

92 100

91 171.6 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 18.964 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW005056.D

Acq: 01 Sep 2018 00:39

Instrument :

MSVOA_W

ClientSampleId :

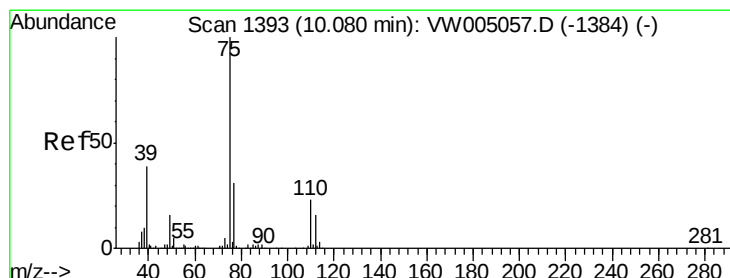
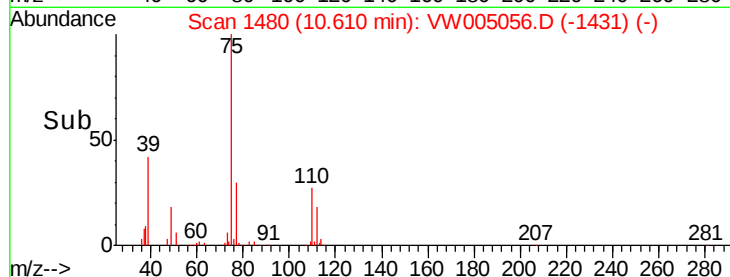
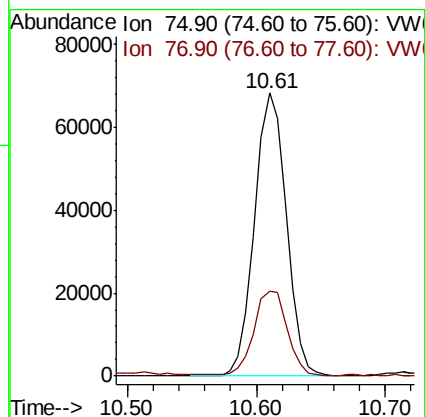
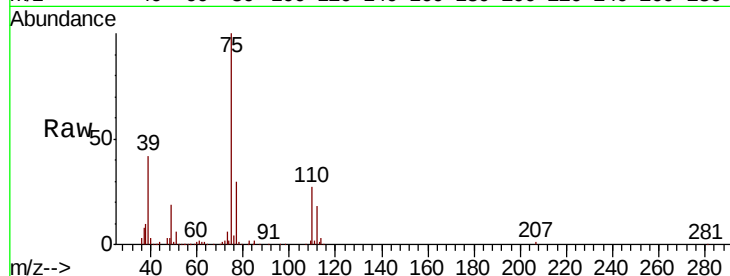
VSTDIC020

Tgt Ion: 75 Resp: 116328

Ion Ratio Lower Upper

75 100

77 29.8 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 19.341 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. 0.00 min

Lab File: VW005056.D

Acq: 01 Sep 2018 00:39

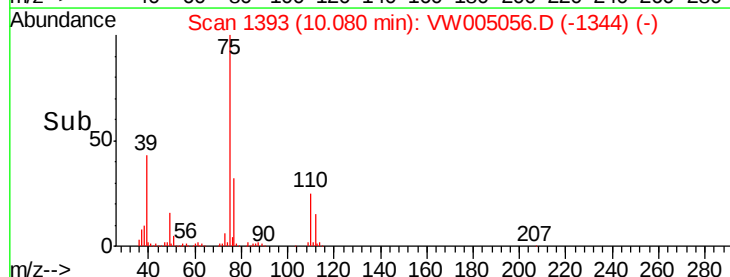
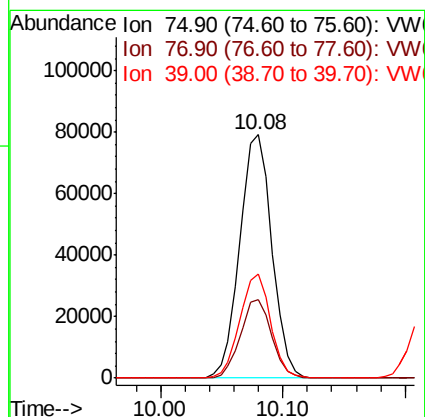
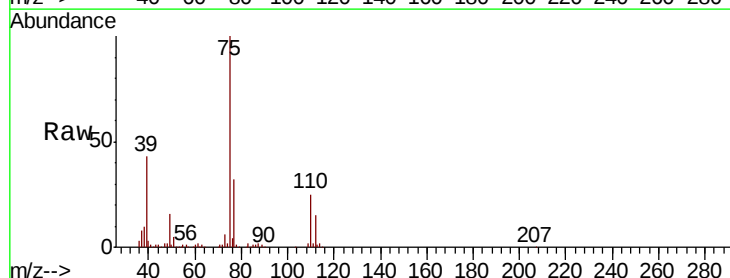
Tgt Ion: 75 Resp: 144285

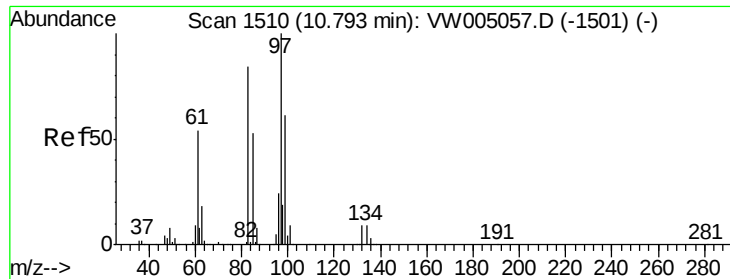
Ion Ratio Lower Upper

75 100

77 32.1 24.9 37.3

39 42.4 31.0 46.6

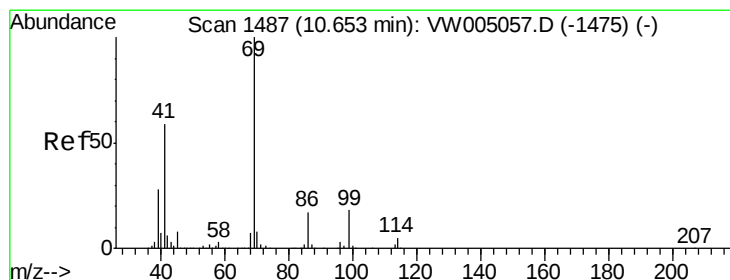
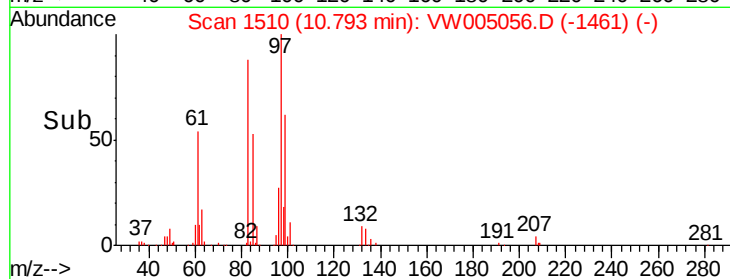
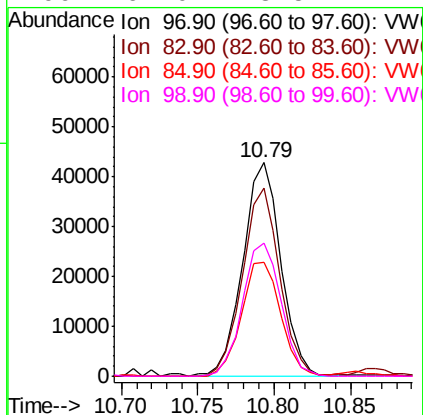
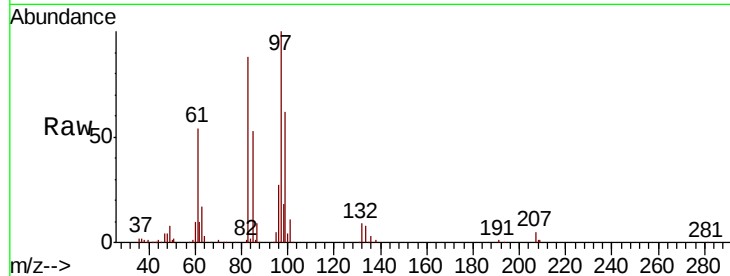




#55
 1,1,2-Trichloroethane
 Concen: 19.333 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW005056.D
 Acq: 01 Sep 2018 00:39

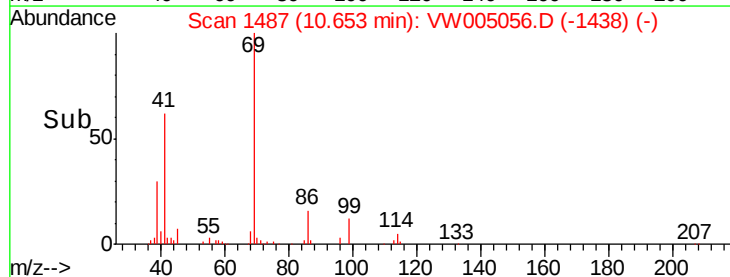
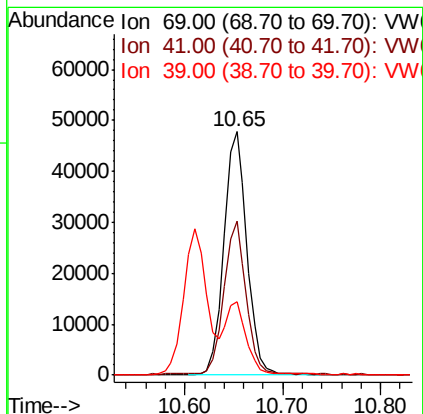
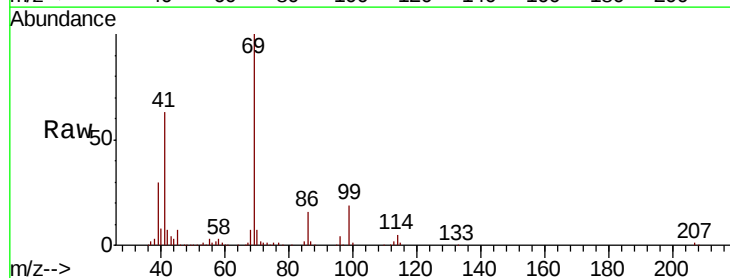
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

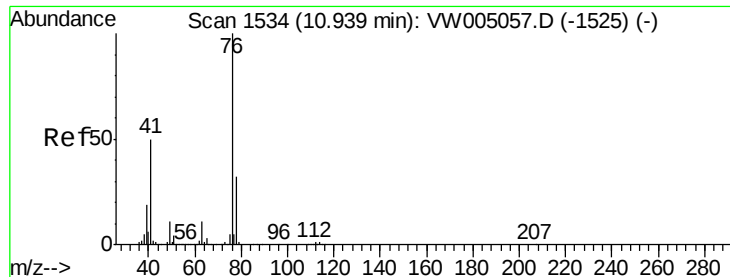
Tgt Ion:	97	Resp:	74212
Ion	Ratio	Lower	Upper
97	100		
83	88.0	67.0	100.6
85	53.1	42.3	63.5
99	62.0	48.5	72.7



#56
 Ethyl methacrylate
 Concen: 17.785 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW005056.D
 Acq: 01 Sep 2018 00:39

Tgt Ion:	69	Resp:	77889
Ion	Ratio	Lower	Upper
69	100		
41	60.2	47.8	71.6
39	26.6	21.1	31.7





#57

1,3-Dichloropropane

Concen: 19.312 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VW005056.D

Acq: 01 Sep 2018 00:39

Instrument :

MSVOA_W

ClientSampleId :

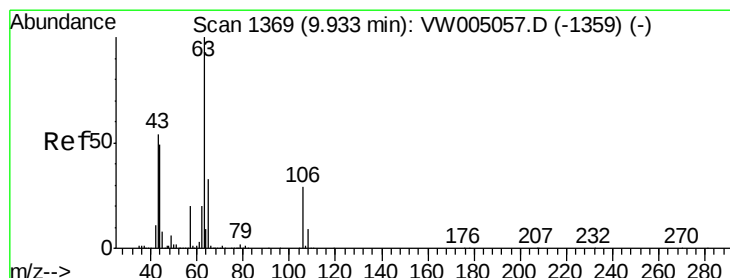
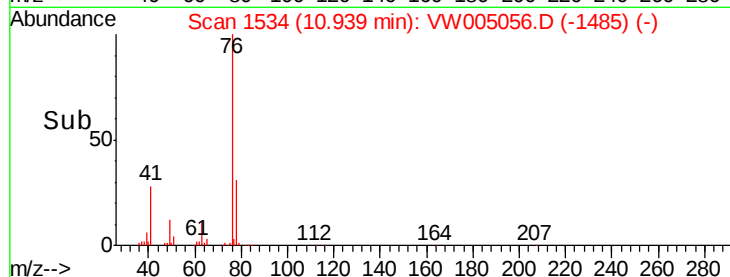
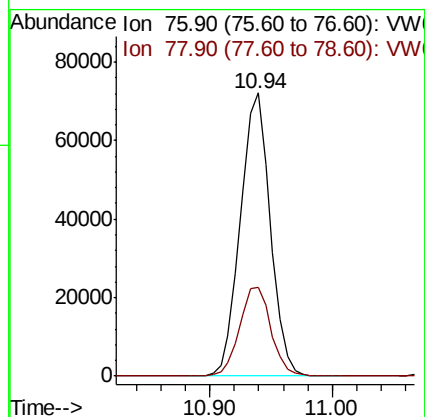
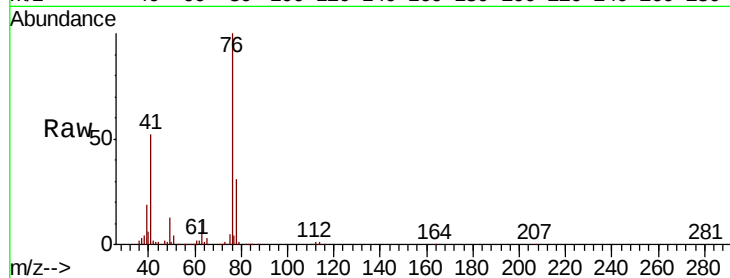
VSTDIC020

Tgt Ion: 76 Resp: 122049

Ion Ratio Lower Upper

76 100

78 33.1 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 99.681 ug/l

RT: 9.93 min Scan# 1369

Delta R.T. 0.00 min

Lab File: VW005056.D

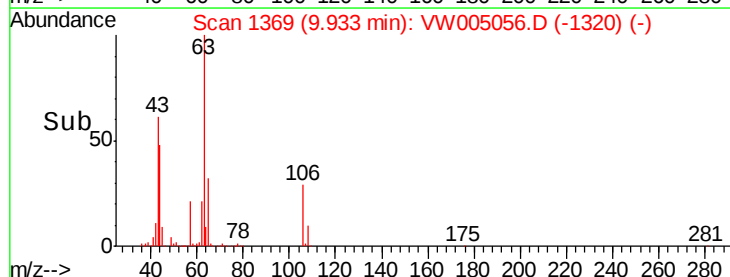
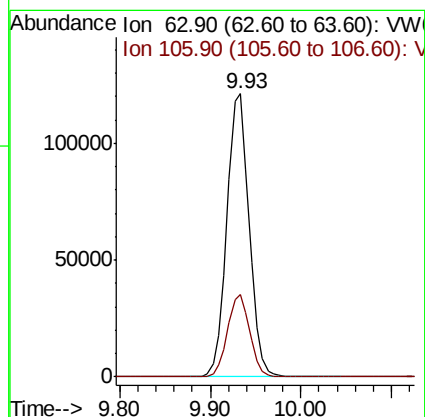
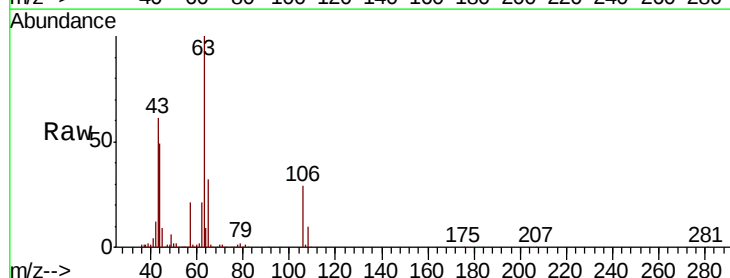
Acq: 01 Sep 2018 00:39

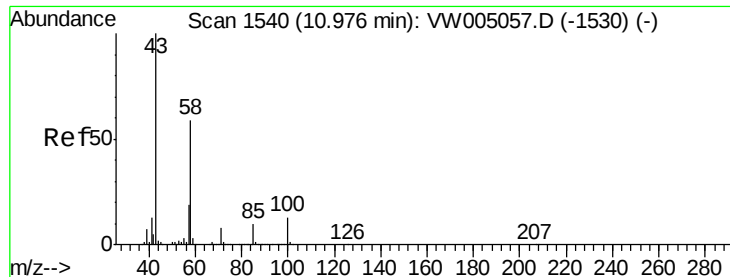
Tgt Ion: 63 Resp: 206858

Ion Ratio Lower Upper

63 100

106 29.1 23.1 34.7

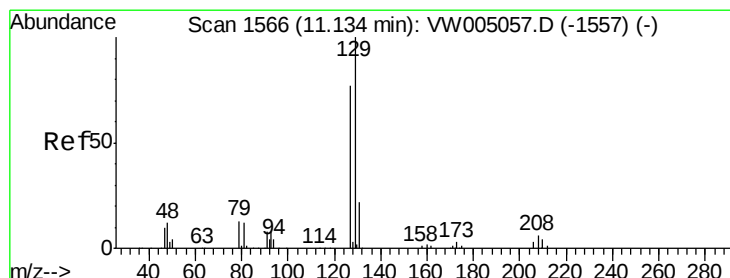
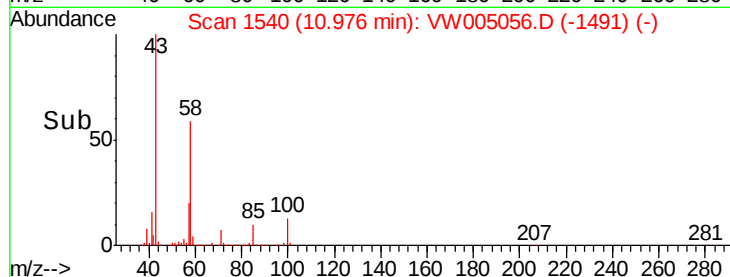
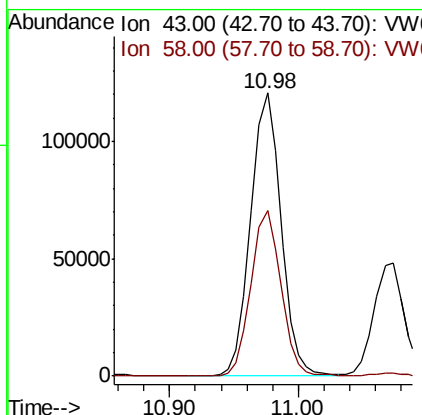
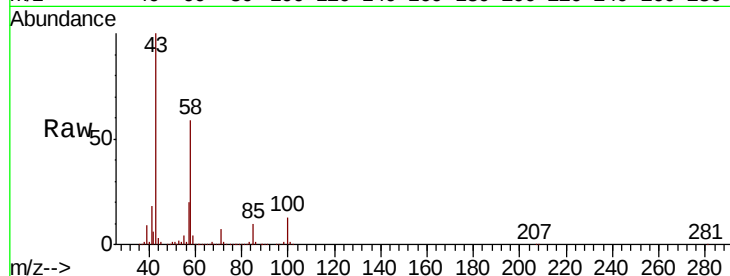




#59
2-Hexanone
Concen: 92.320 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW005056.D
Acq: 01 Sep 2018 00:39

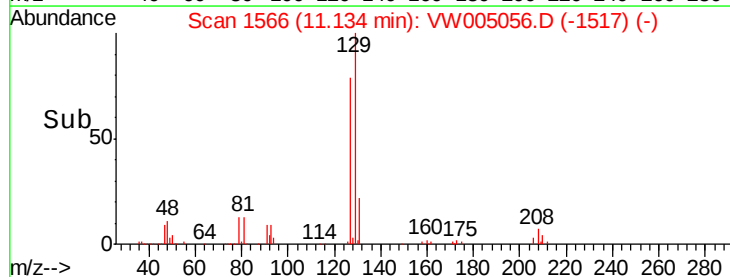
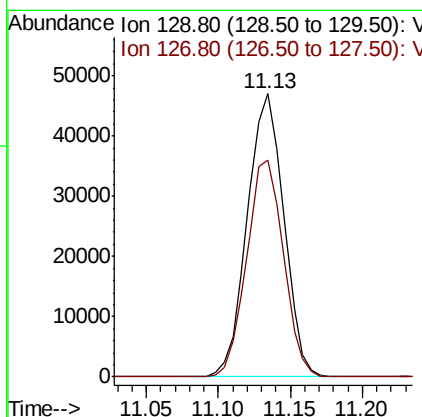
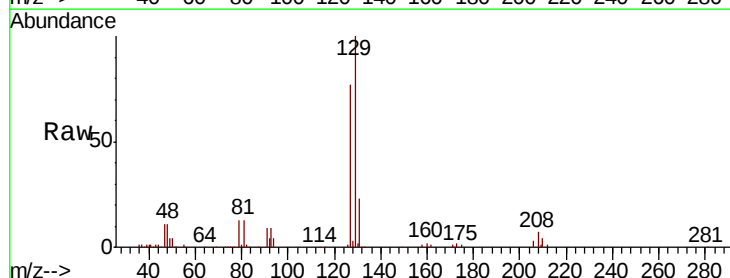
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

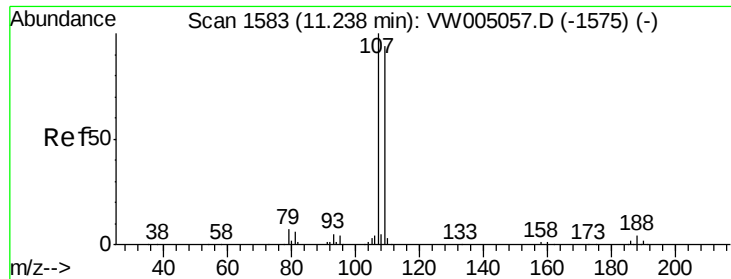
Tgt Ion: 43 Resp: 197442
Ion Ratio Lower Upper
43 100
58 57.5 28.7 86.3



#60
Dibromochloromethane
Concen: 19.015 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW005056.D
Acq: 01 Sep 2018 00:39

Tgt Ion: 129 Resp: 82519
Ion Ratio Lower Upper
129 100
127 77.2 38.9 116.7

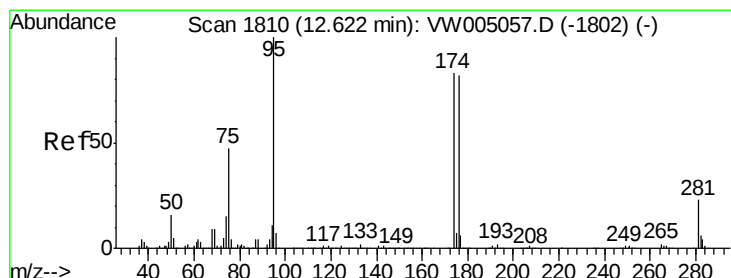
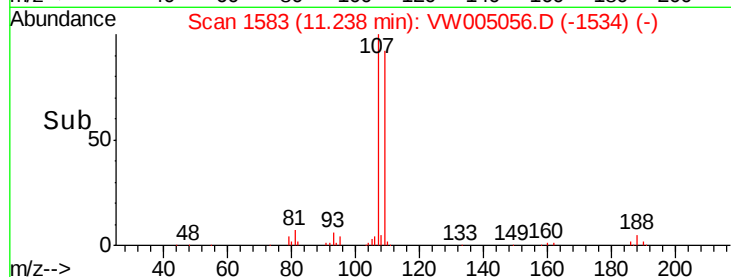
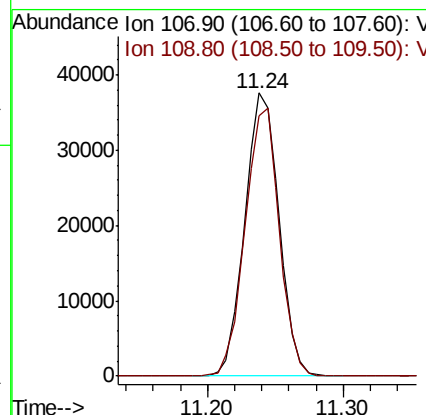
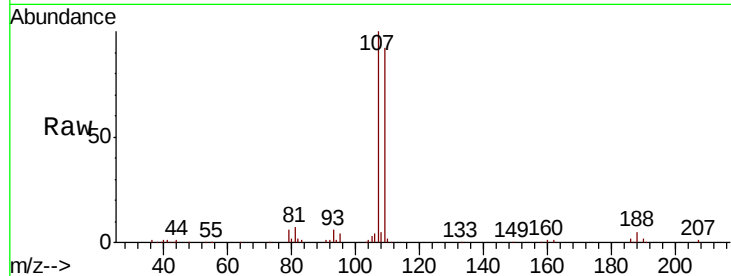




#61
 1,2-Dibromoethane
 Concen: 19.094 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VW005056.D
 Acq: 01 Sep 2018 00:39

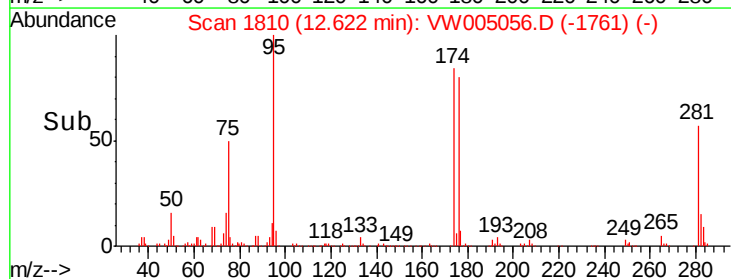
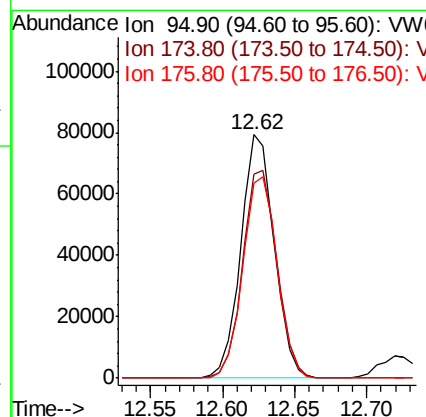
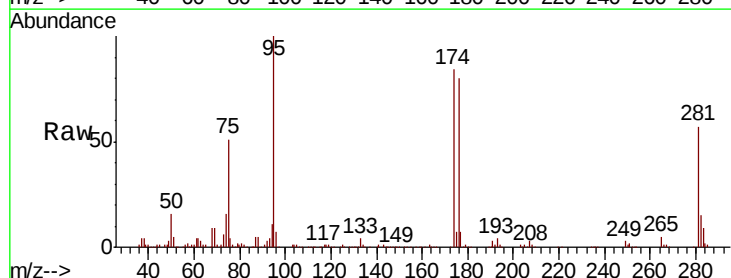
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

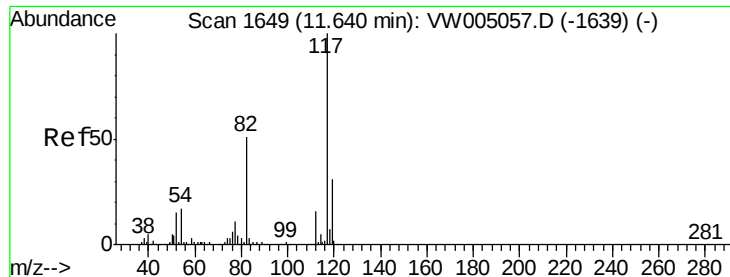
Tgt Ion: 107 Resp: 66175
 Ion Ratio Lower Upper
 107 100
 109 94.7 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 18.660 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VW005056.D
 Acq: 01 Sep 2018 00:39

Tgt Ion: 95 Resp: 127539
 Ion Ratio Lower Upper
 95 100
 174 87.4 0.0 173.4
 176 84.8 0.0 167.4

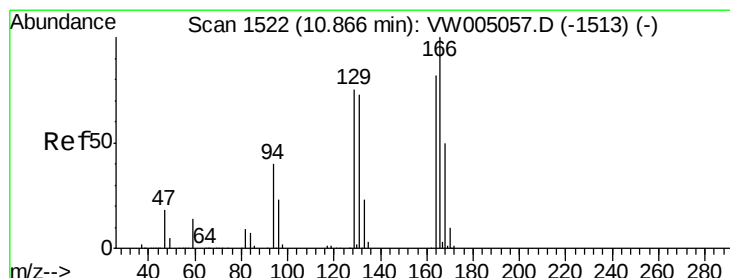
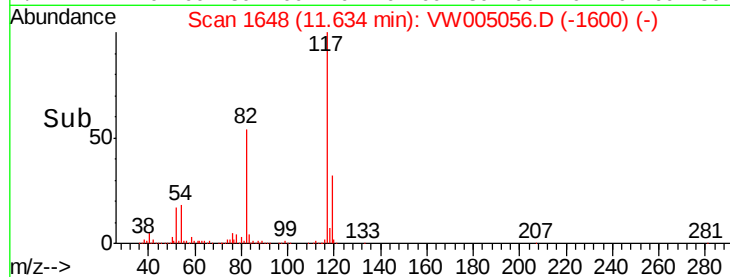
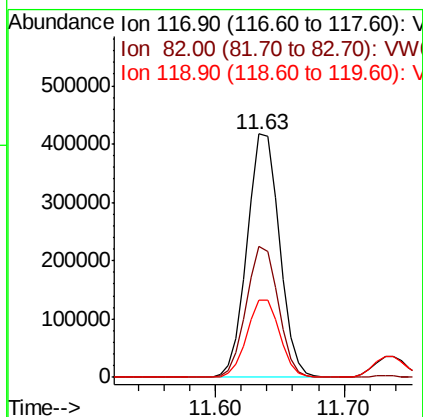
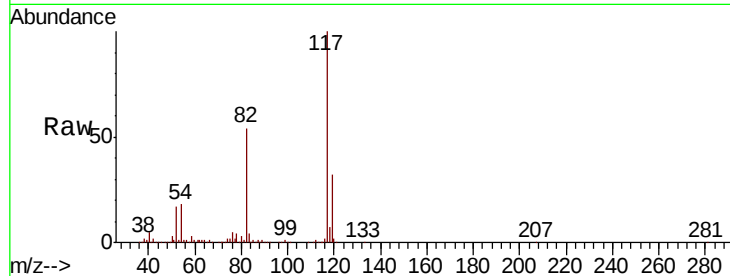




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW005056.D
Acq: 01 Sep 2018 00:39

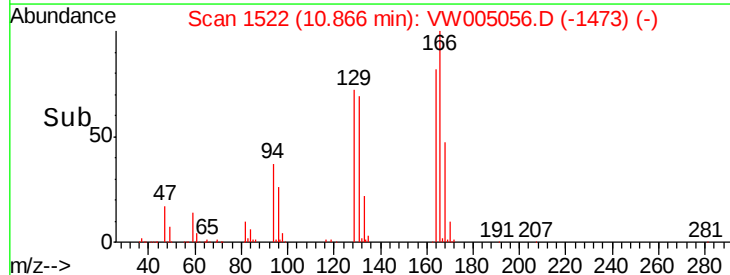
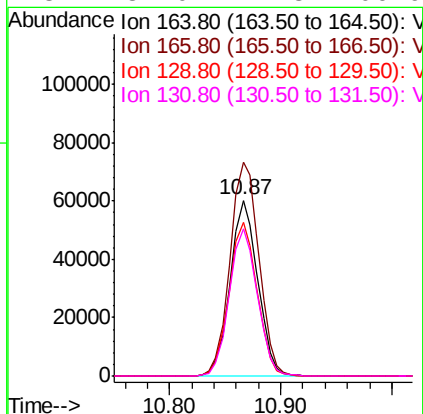
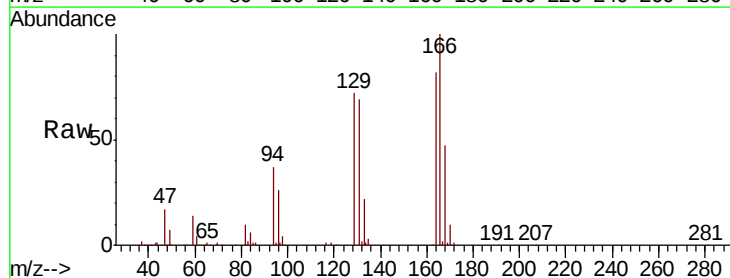
Instrument :
MSVOA_W
ClientSampled :
VSTDIC020

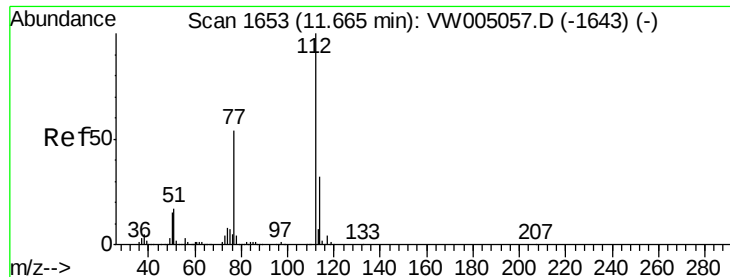
Tgt Ion:117 Resp: 722145
Ion Ratio Lower Upper
117 100
82 54.0 40.9 61.3
119 31.7 24.9 37.3



#64
Tetrachloroethene
Concen: 18.157 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW005056.D
Acq: 01 Sep 2018 00:39

Tgt Ion:164 Resp: 102879
Ion Ratio Lower Upper
164 100
166 121.6 97.3 145.9
129 87.3 73.1 109.7
131 84.0 71.3 106.9





#65

Chlorobenzene

Concen: 18.467 ug/l

RT: 11.66 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VW005056.D

Acq: 01 Sep 2018 00:39

Instrument :

MSVOA_W

ClientSampleId :

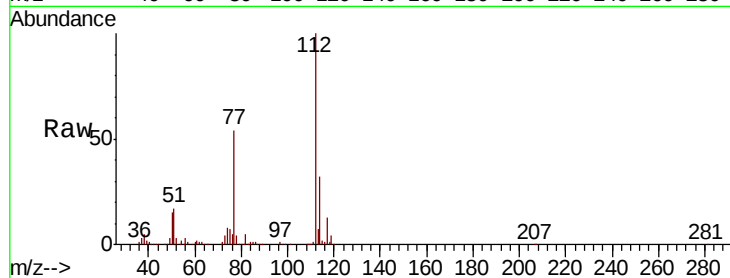
VSTDIC020

Tgt Ion:112 Resp: 300218

Ion Ratio Lower Upper

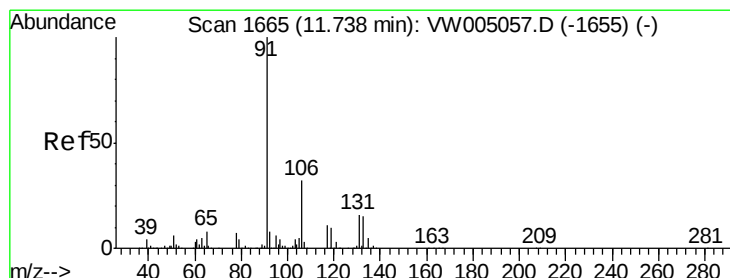
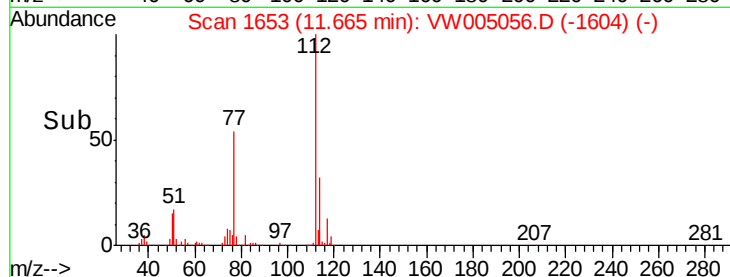
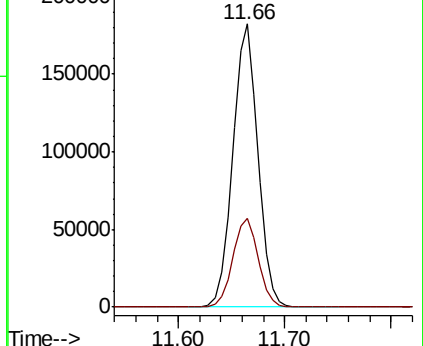
112 100

114 31.5 26.0 39.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 18.731 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VW005056.D

Acq: 01 Sep 2018 00:39

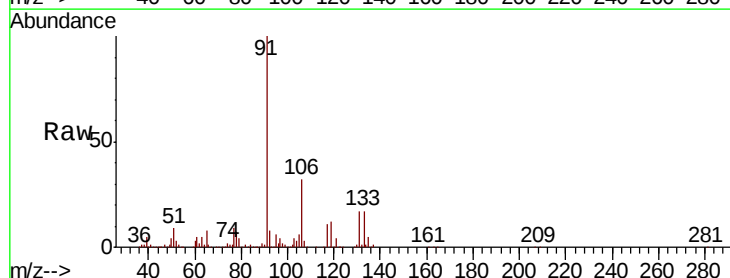
Tgt Ion:131 Resp: 93056

Ion Ratio Lower Upper

131 100

133 95.7 47.4 142.3

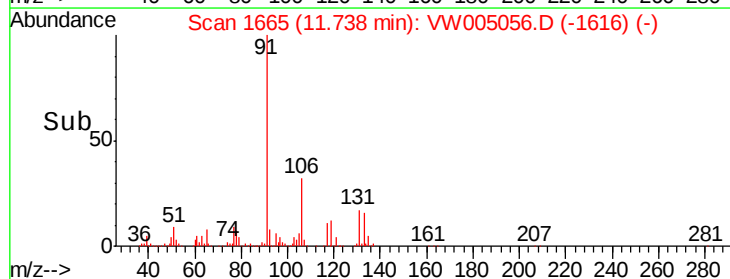
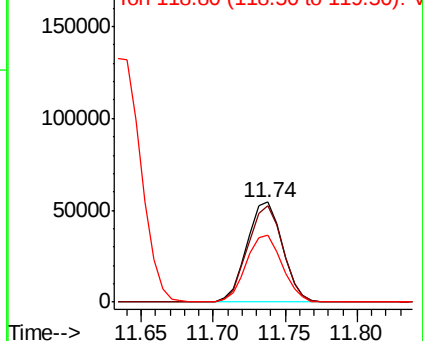
119 68.0 33.4 100.1

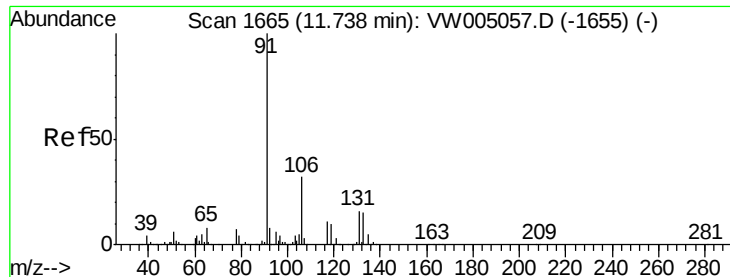


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

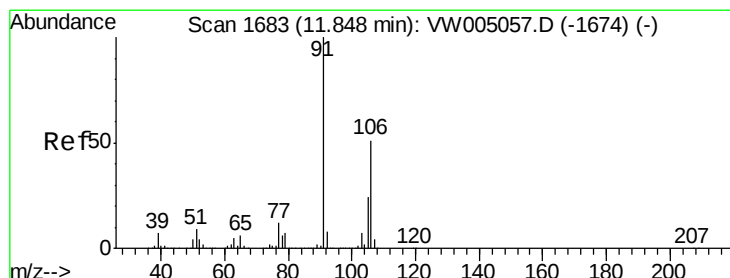
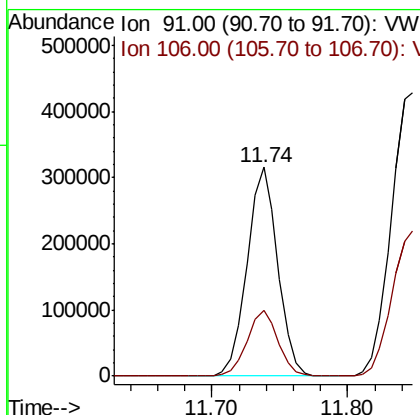
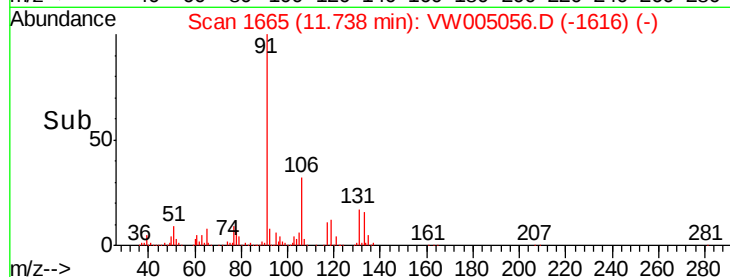
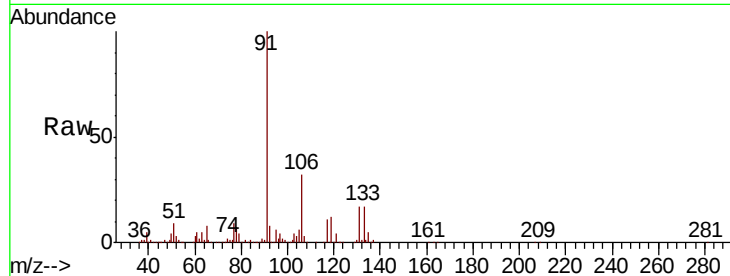




#67
Ethyl Benzene
Concen: 18.075 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW005056.D
Acq: 01 Sep 2018 00:39

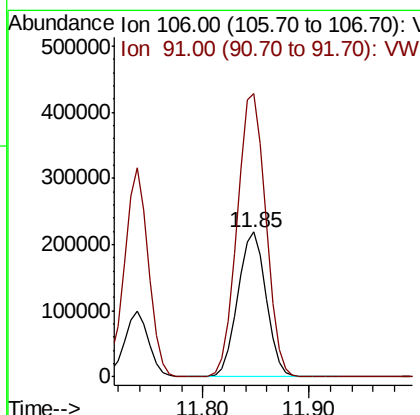
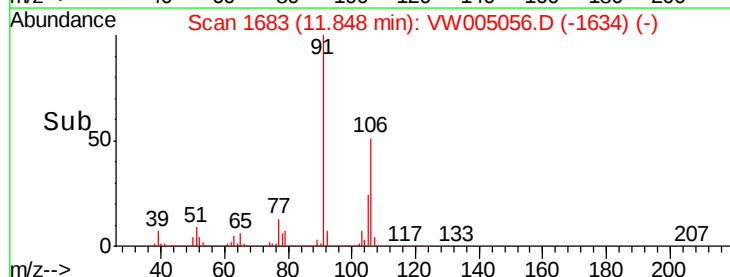
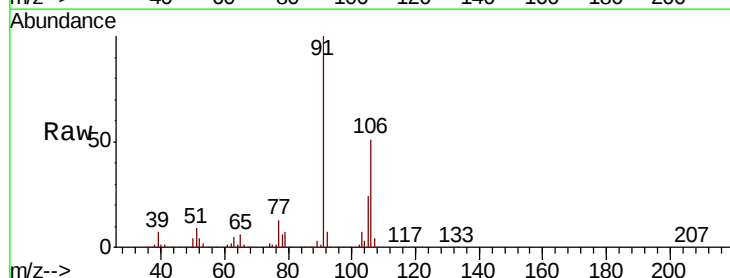
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

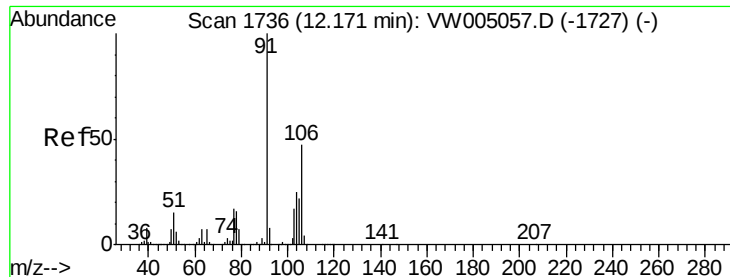
Tgt Ion: 91 Resp: 496758
Ion Ratio Lower Upper
91 100
106 31.6 25.3 37.9



#68
m/p-Xylenes
Concen: 37.296 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW005056.D
Acq: 01 Sep 2018 00:39

Tgt Ion: 106 Resp: 410418
Ion Ratio Lower Upper
106 100
91 197.9 158.4 237.6

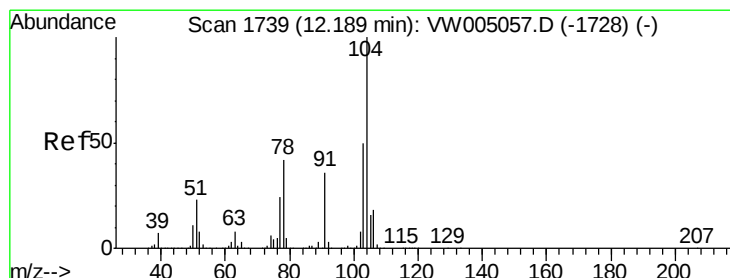
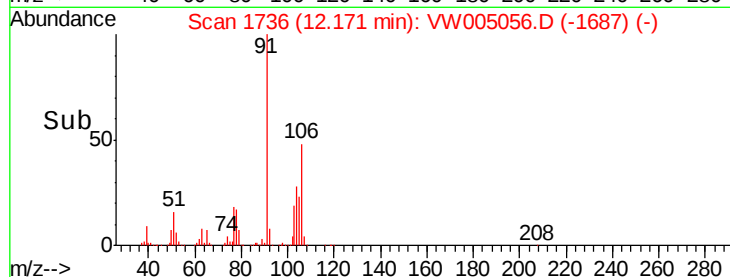
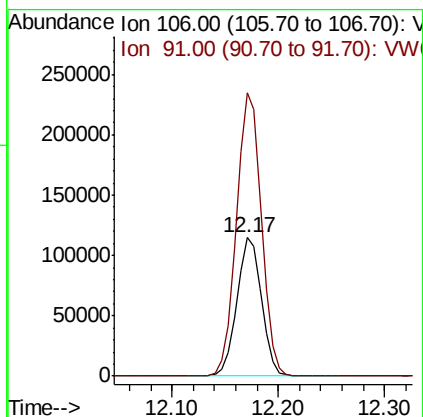
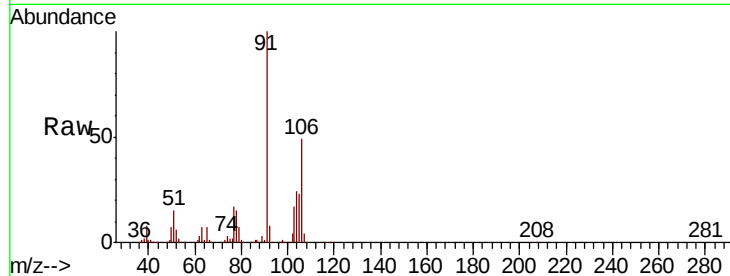




#69
o-Xylene
Concen: 18.278 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW005056.D
Acq: 01 Sep 2018 00:39

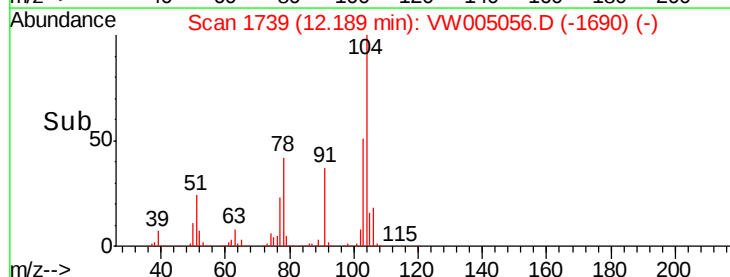
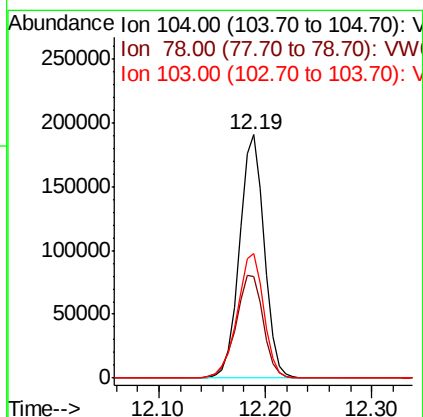
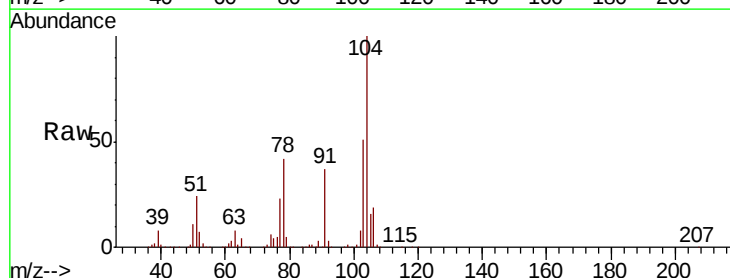
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

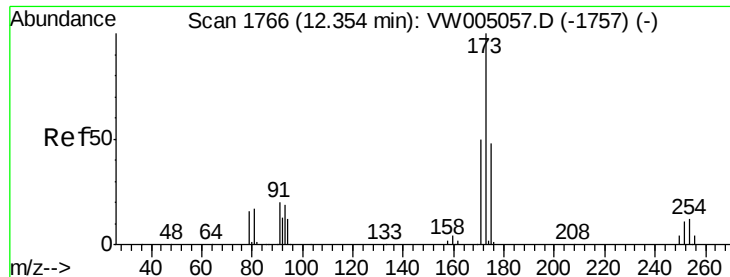
Tgt Ion:106 Resp: 185958
Ion Ratio Lower Upper
106 100
91 208.6 105.6 316.8



#70
Styrene
Concen: 18.542 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW005056.D
Acq: 01 Sep 2018 00:39

Tgt Ion:104 Resp: 311616
Ion Ratio Lower Upper
104 100
78 46.8 37.8 56.6
103 54.8 44.1 66.1





#71

Bromoform

Concen: 18.672 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW005056.D

Acq: 01 Sep 2018 00:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

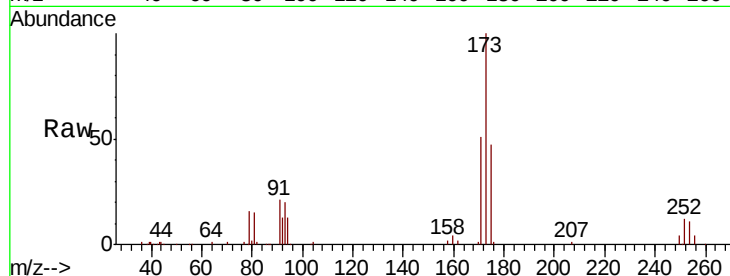
Tgt Ion:173 Resp: 49165

Ion Ratio Lower Upper

173 100

175 48.1 24.1 72.2

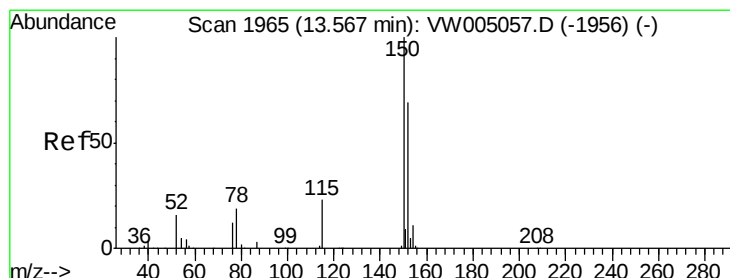
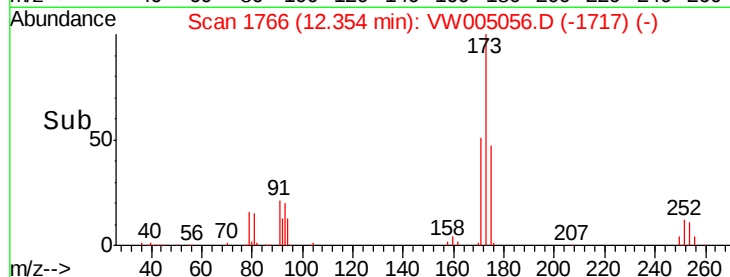
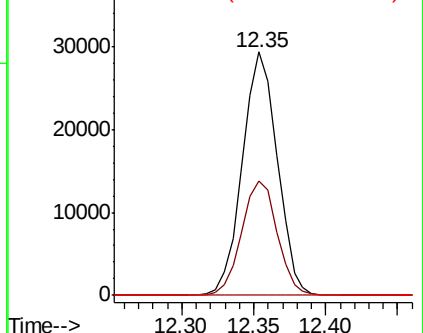
254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW005056.D

Acq: 01 Sep 2018 00:39

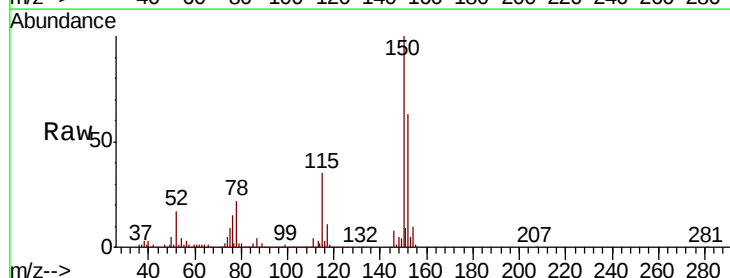
Tgt Ion:152 Resp: 395700

Ion Ratio Lower Upper

152 100

115 56.4 27.8 83.4

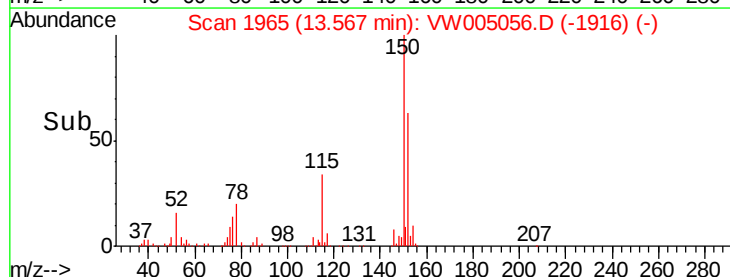
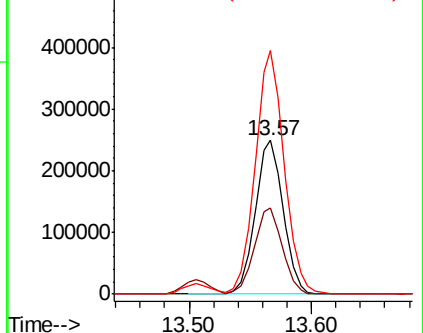
150 164.0 0.0 351.4

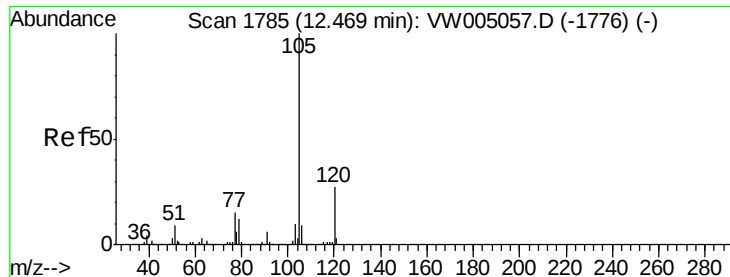


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 17.830 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW005056.D

Acq: 01 Sep 2018 00:39

Instrument :

MSVOA_W

ClientSampleId :

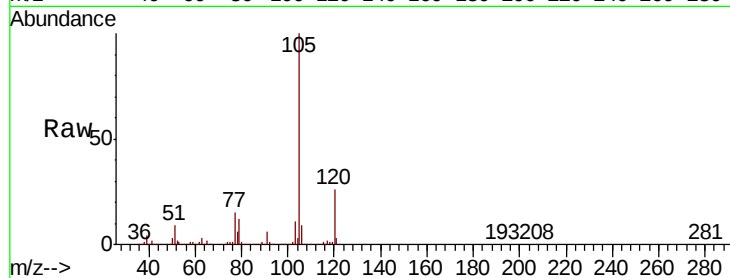
VSTDIC020

Tgt Ion: 105 Resp: 497465

Ion Ratio Lower Upper

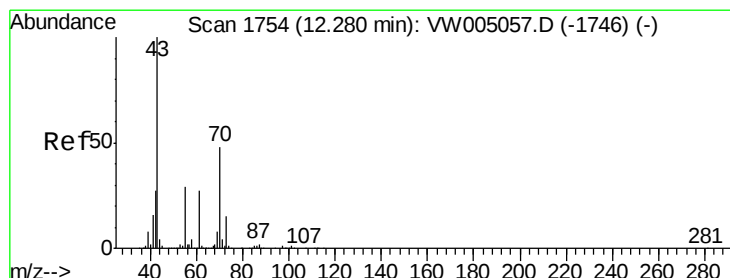
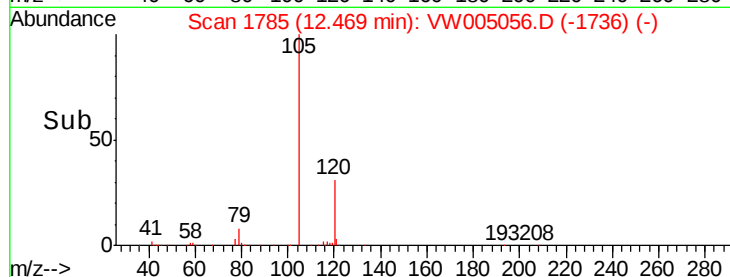
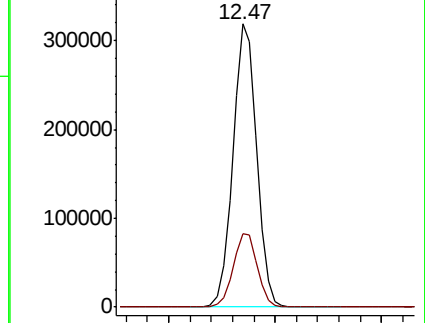
105 100

120 26.4 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.437 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW005056.D

Acq: 01 Sep 2018 00:39

Tgt Ion: 43 Resp: 83770

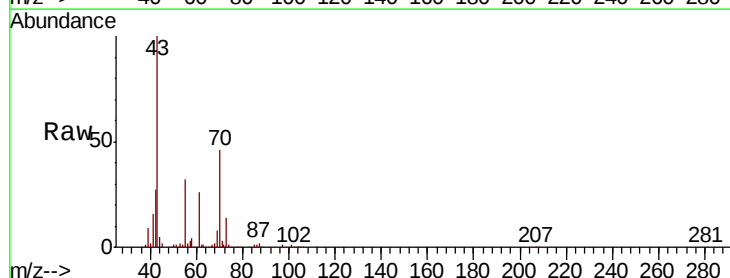
Ion Ratio Lower Upper

43 100

70 47.1 38.2 57.4

55 31.3 23.2 34.8

61 25.7 20.6 31.0

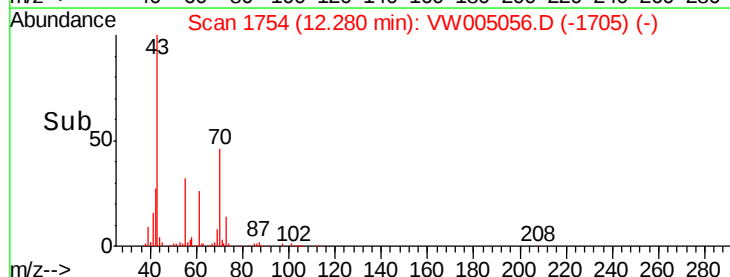
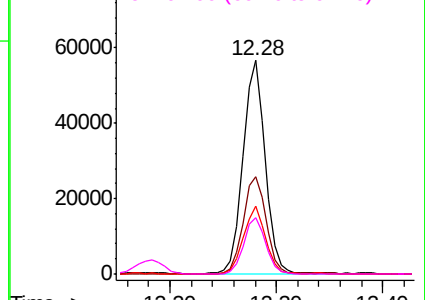


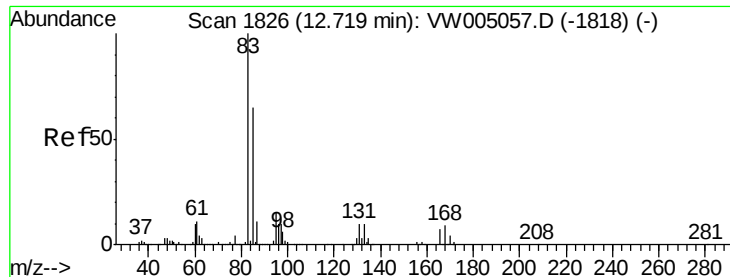
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 18.498 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW005056.D

Acq: 01 Sep 2018 00:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

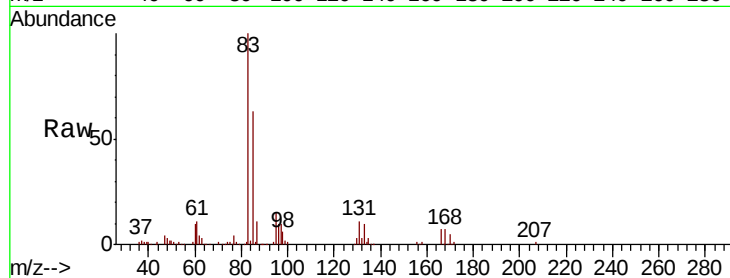
Tgt Ion: 83 Resp: 78570

Ion Ratio Lower Upper

83 100

131 11.4 5.5 16.4

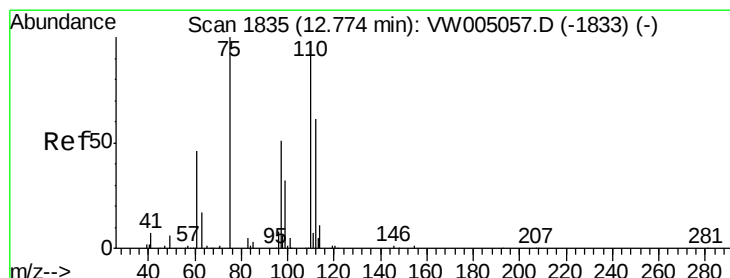
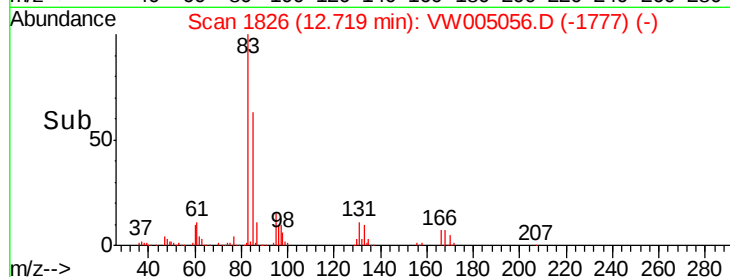
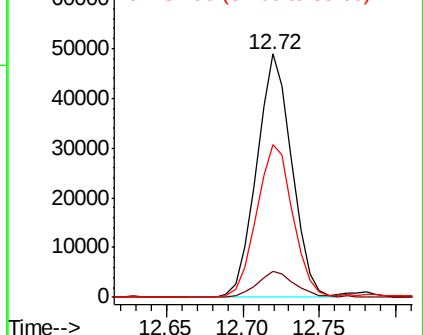
85 64.5 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 33.671 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VW005056.D

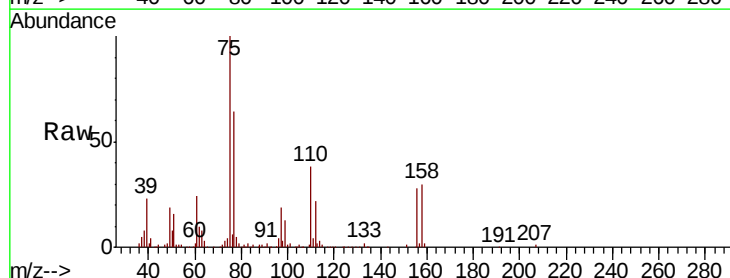
Acq: 01 Sep 2018 00:39

Tgt Ion: 75 Resp: 100011

Ion Ratio Lower Upper

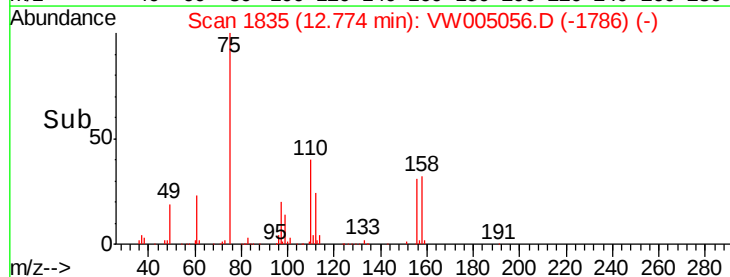
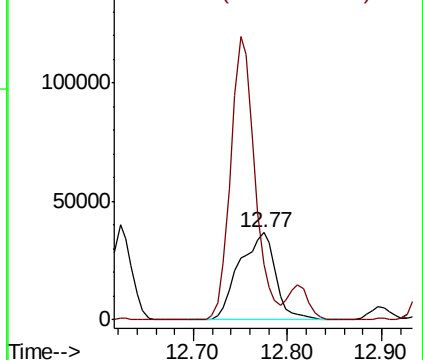
75 100

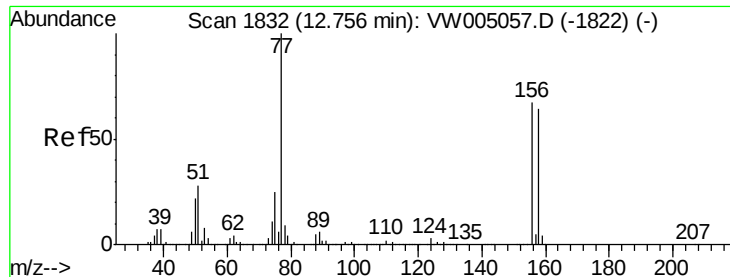
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 17.902 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. -0.01 min

Lab File: VW005056.D

Acq: 01 Sep 2018 00:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

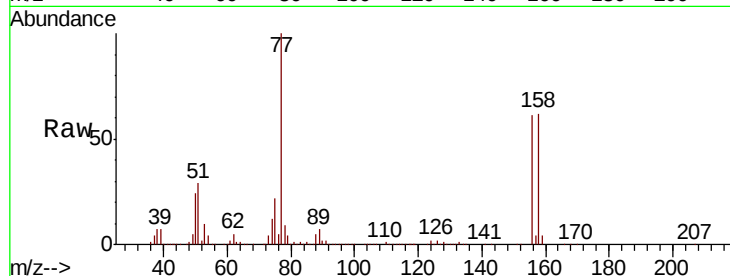
Tgt Ion:156 Resp: 123074

Ion Ratio Lower Upper

156 100

77 174.8 85.8 257.4

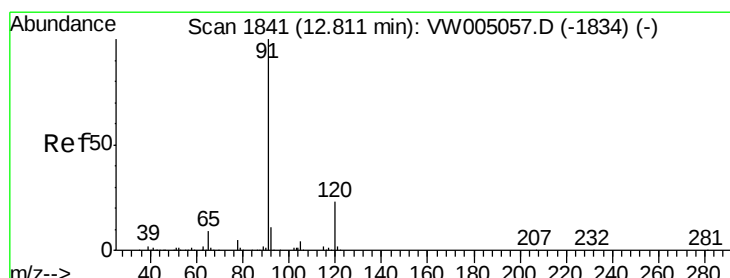
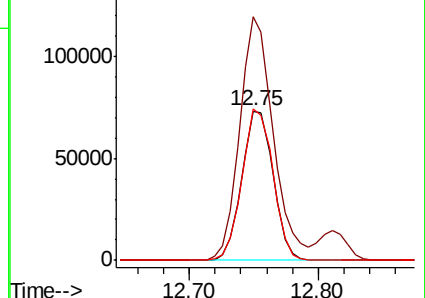
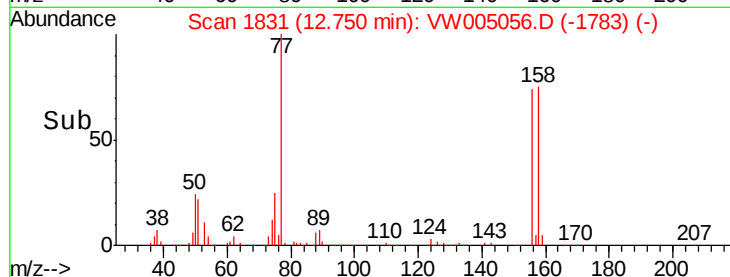
158 100.1 48.1 144.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.014 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VW005056.D

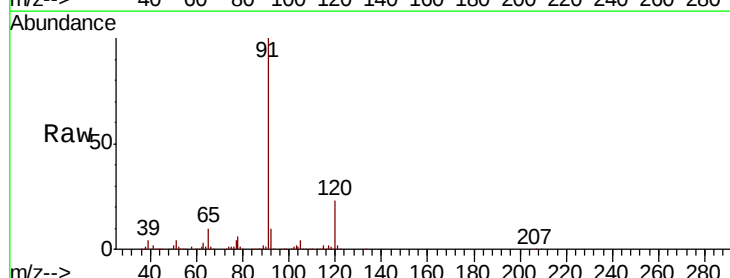
Acq: 01 Sep 2018 00:39

Tgt Ion: 91 Resp: 606755

Ion Ratio Lower Upper

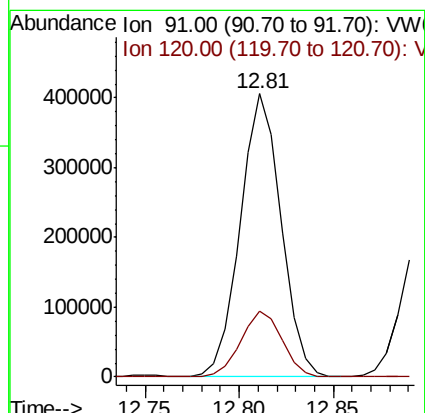
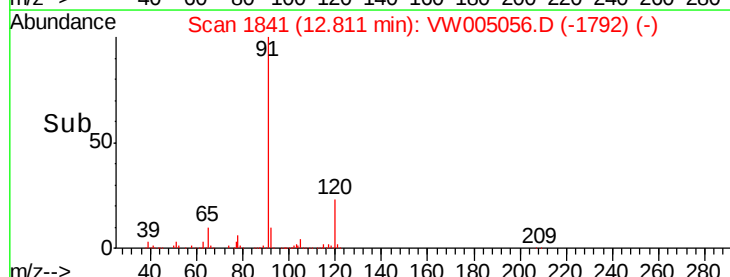
91 100

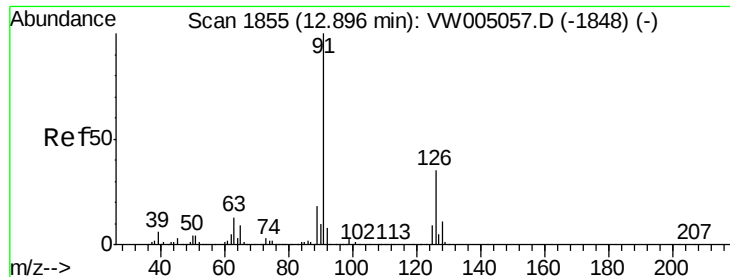
120 23.6 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.184 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW005056.D

Acq: 01 Sep 2018 00:39

Instrument :

MSVOA_W

ClientSampleId :

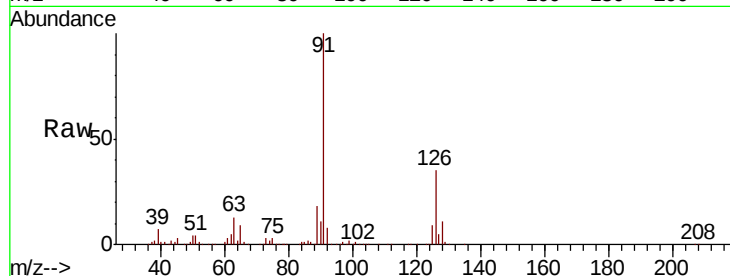
VSTDIC020

Tgt Ion: 91 Resp: 357328

Ion Ratio Lower Upper

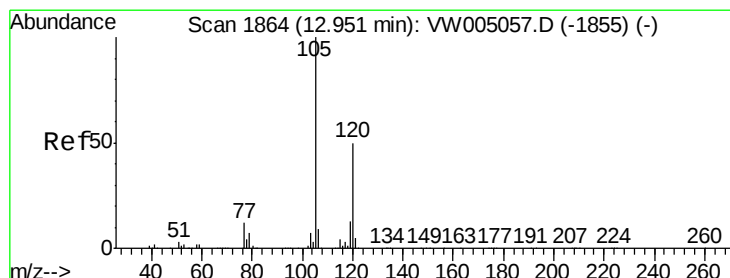
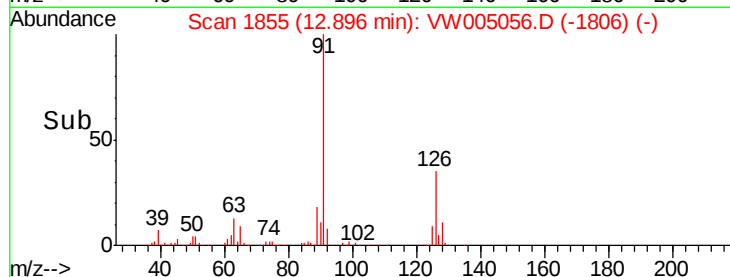
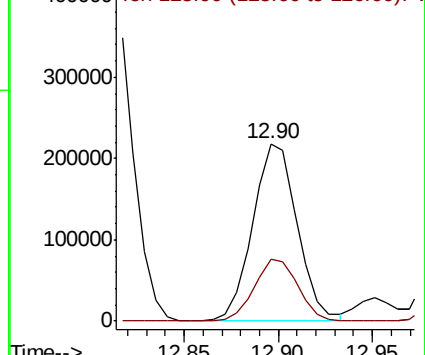
91 100

126 34.3 17.3 52.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 18.060 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW005056.D

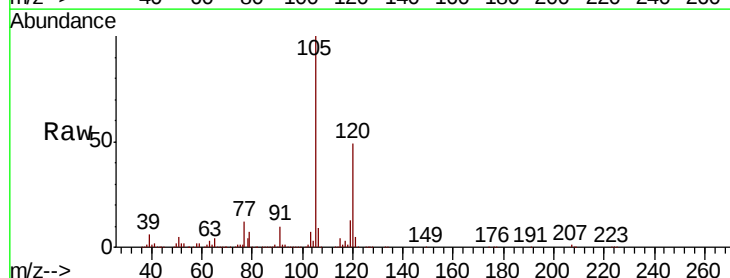
Acq: 01 Sep 2018 00:39

Tgt Ion: 105 Resp: 435758

Ion Ratio Lower Upper

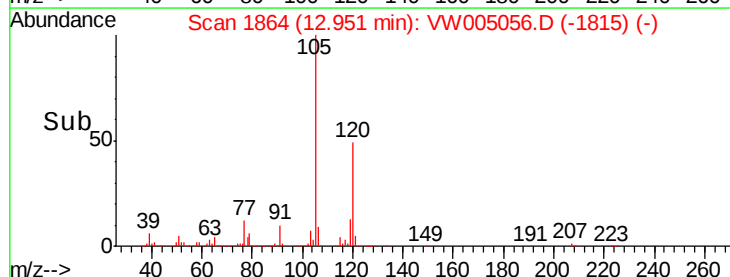
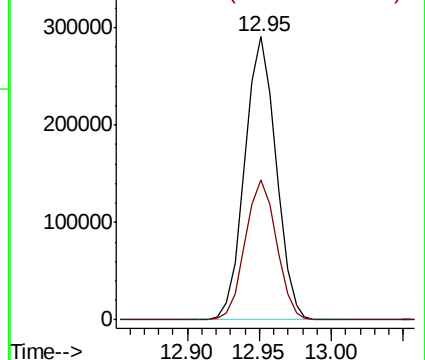
105 100

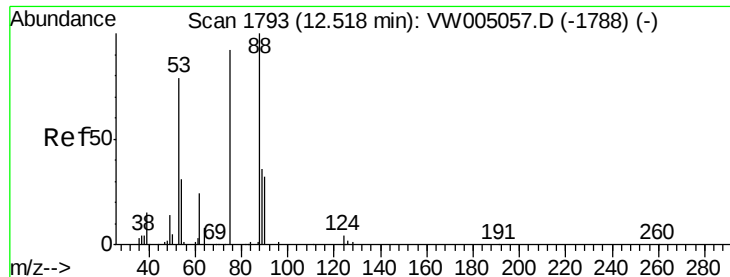
120 49.6 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 17.298 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VW005056.D

Acq: 01 Sep 2018 00:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

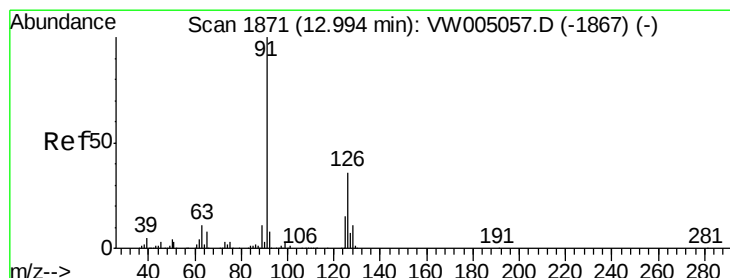
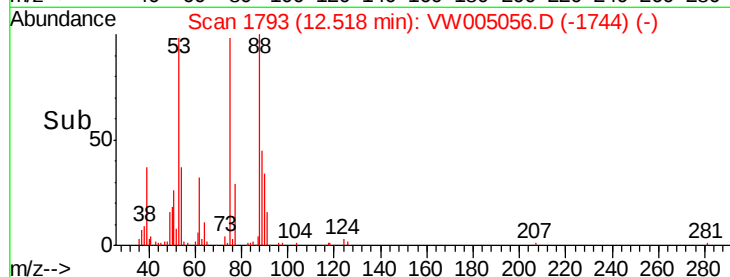
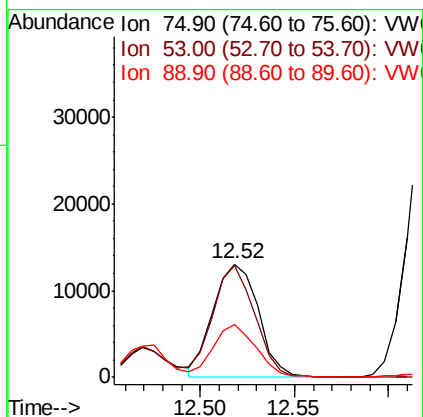
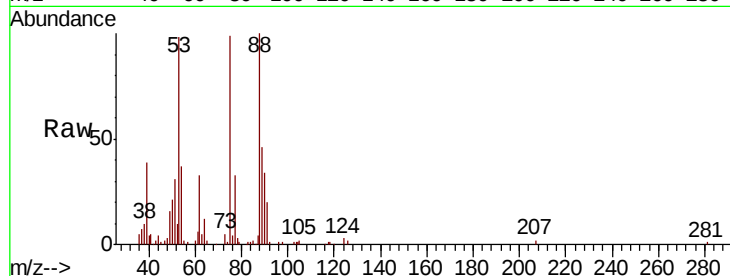
Tgt Ion: 75 Resp: 21346

Ion Ratio Lower Upper

75 100

53 94.8 69.8 104.8

89 45.0 36.0 54.0



#82

4-Chlorotoluene

Concen: 18.339 ug/l

RT: 12.99 min Scan# 1871

Delta R.T. 0.00 min

Lab File: VW005056.D

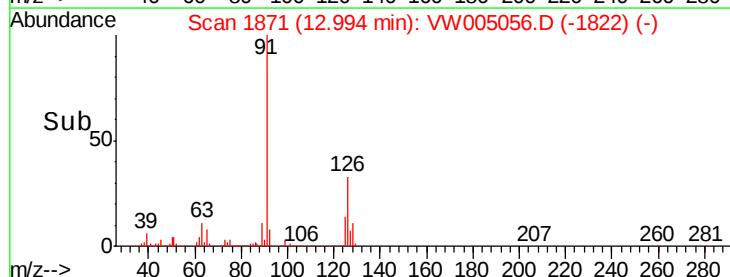
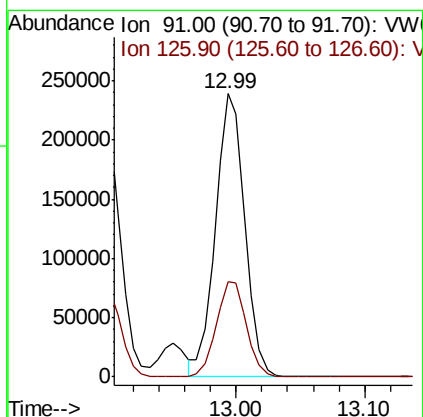
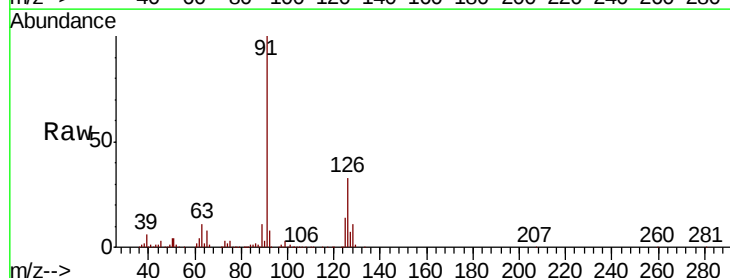
Acq: 01 Sep 2018 00:39

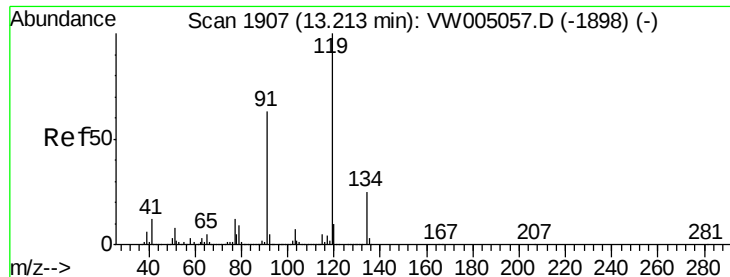
Tgt Ion: 91 Resp: 380532

Ion Ratio Lower Upper

91 100

126 34.5 17.4 52.3

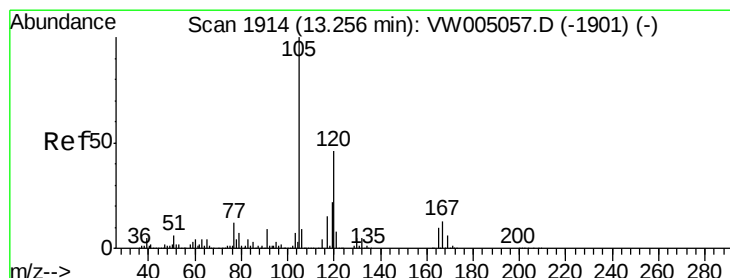
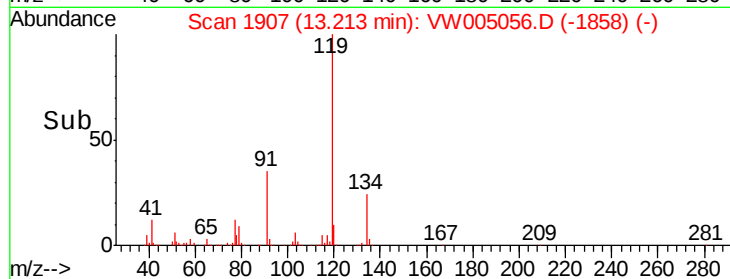
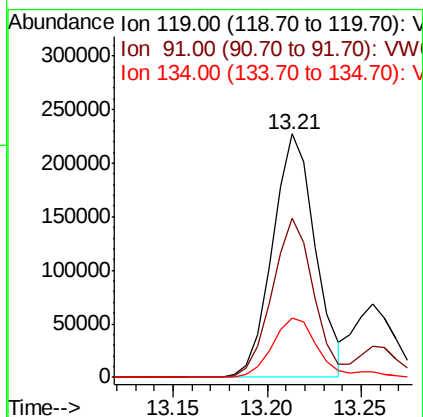
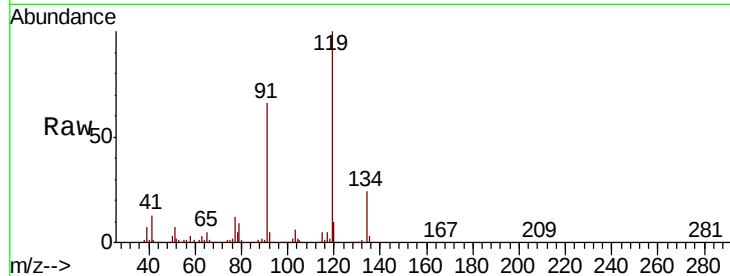




#83
 tert-Butylbenzene
 Concen: 17.711 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VW005056.D
 Acq: 01 Sep 2018 00:39

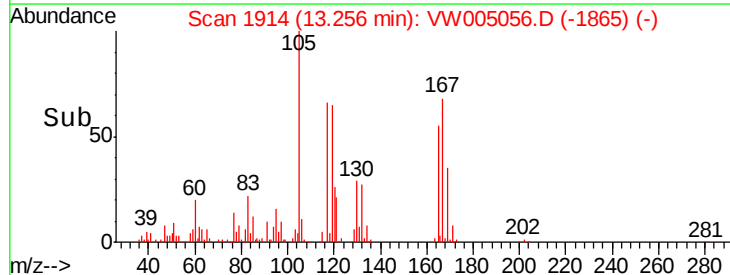
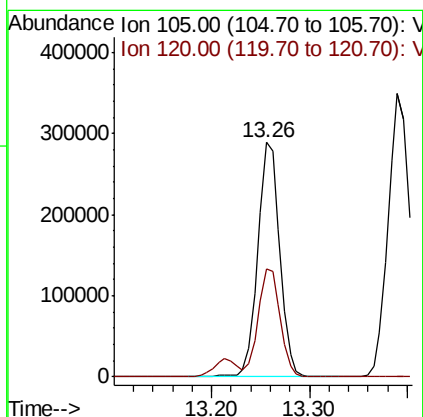
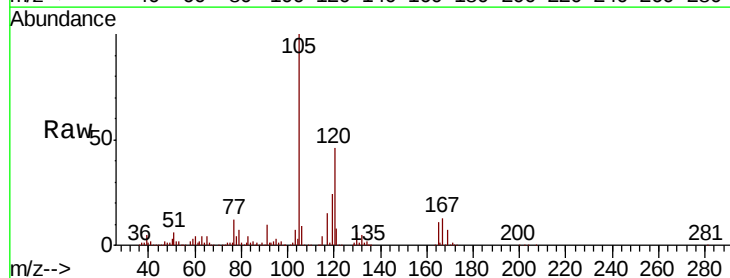
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

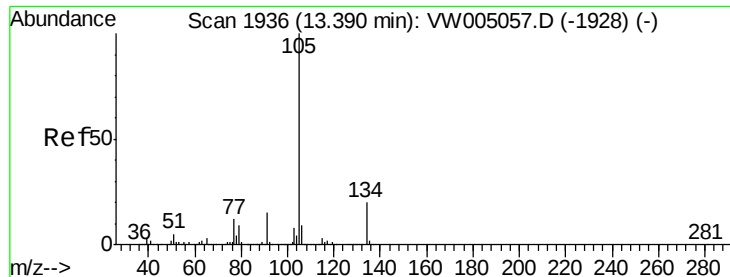
Tgt Ion:119 Resp: 356864
 Ion Ratio Lower Upper
 119 100
 91 64.5 31.8 95.4
 134 26.9 13.0 39.0



#84
 1,2,4-Trimethylbenzene
 Concen: 18.280 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. 0.00 min
 Lab File: VW005056.D
 Acq: 01 Sep 2018 00:39

Tgt Ion:105 Resp: 449205
 Ion Ratio Lower Upper
 105 100
 120 46.0 23.1 69.3

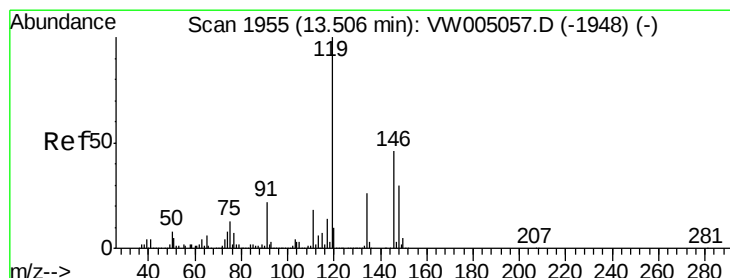
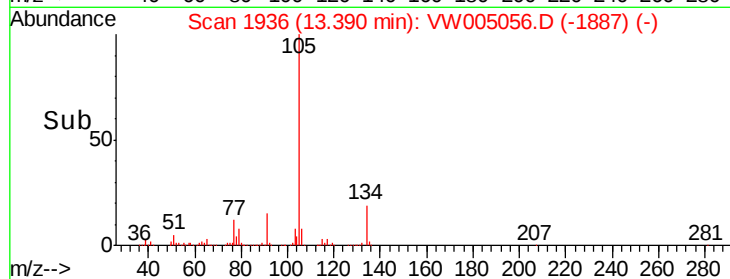
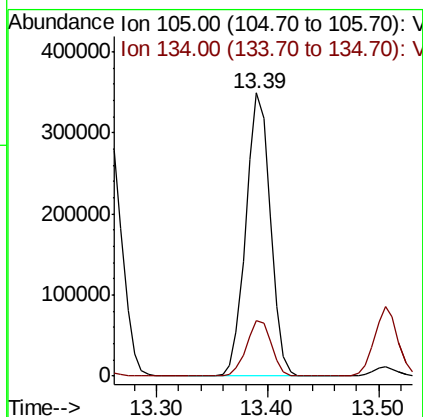
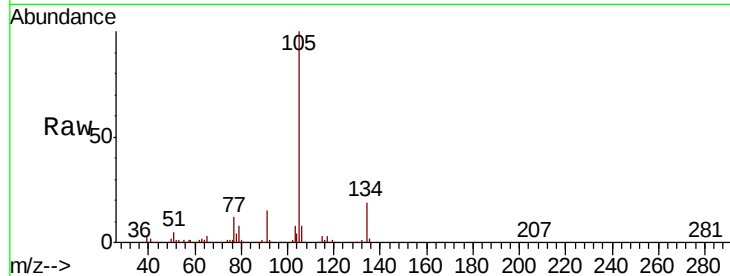




#85
 sec-Butylbenzene
 Concen: 18.012 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VW005056.D
 Acq: 01 Sep 2018 00:39

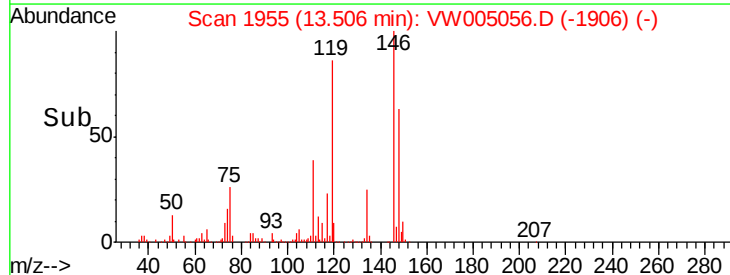
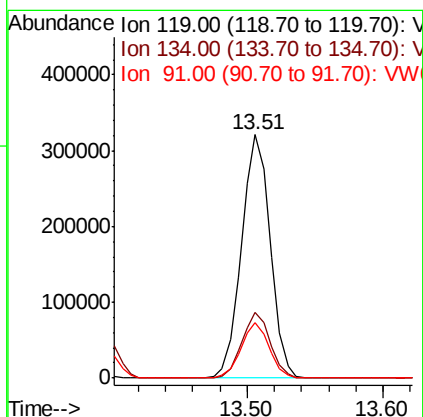
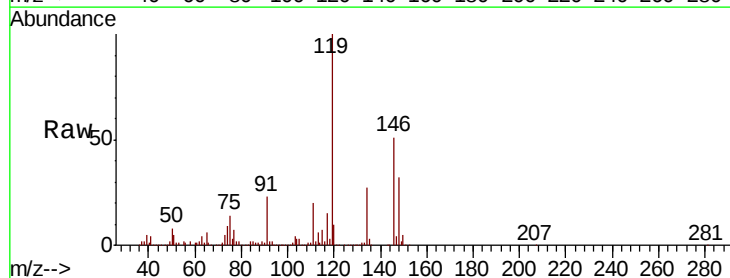
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

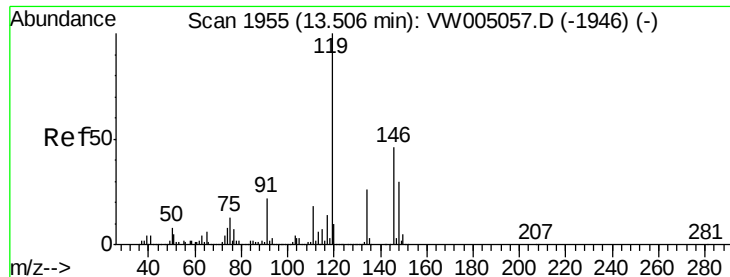
Tgt Ion:105 Resp: 533380
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 18.015 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW005056.D
 Acq: 01 Sep 2018 00:39

Tgt Ion:119 Resp: 472220
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.3 39.8
 91 22.1 10.9 32.9

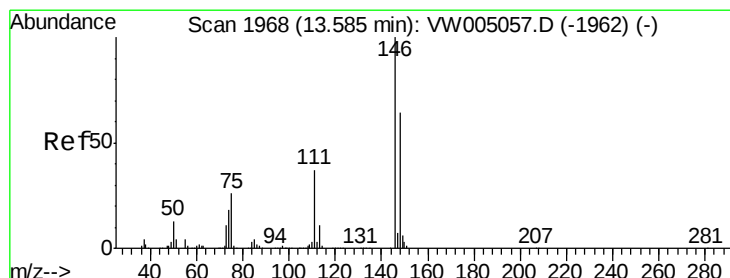
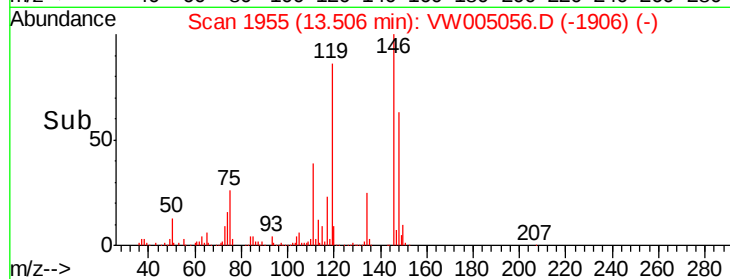
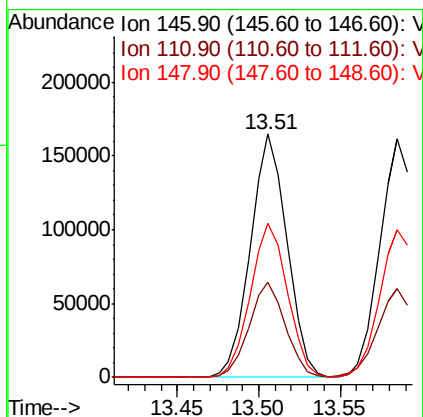
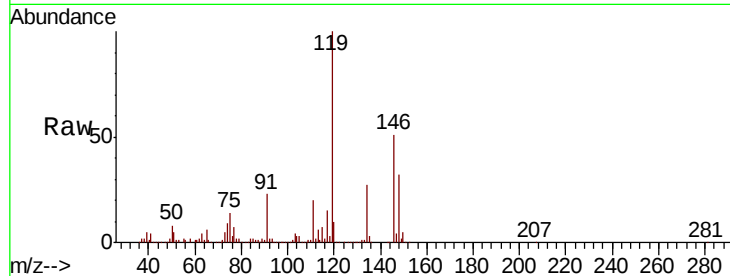




#87
 1,3-Dichlorobenzene
 Concen: 18.247 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW005056.D
 Acq: 01 Sep 2018 00:39

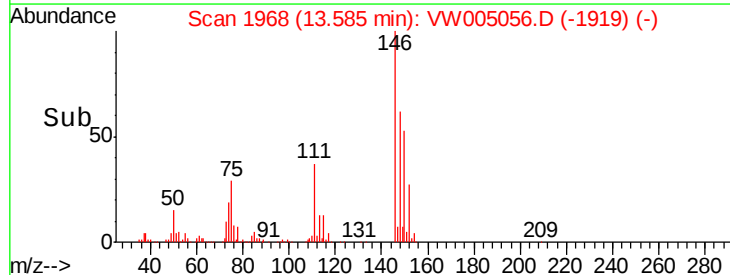
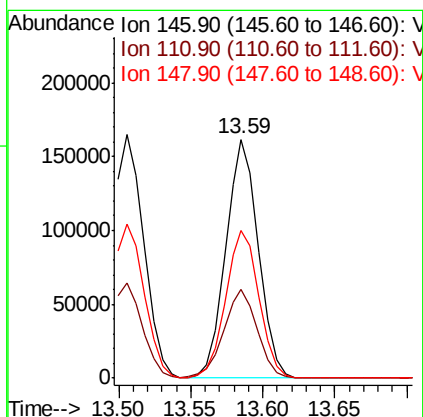
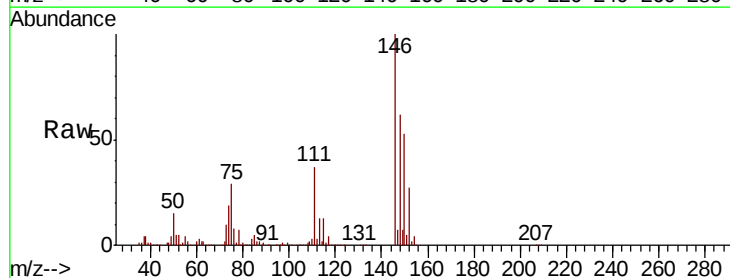
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

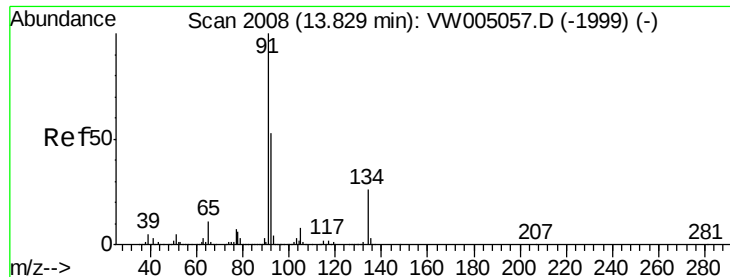
Tgt Ion:146 Resp: 257683
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.2 57.6
 148 64.2 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 18.146 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW005056.D
 Acq: 01 Sep 2018 00:39

Tgt Ion:146 Resp: 254200
 Ion Ratio Lower Upper
 146 100
 111 38.3 18.6 56.0
 148 63.4 32.0 96.0

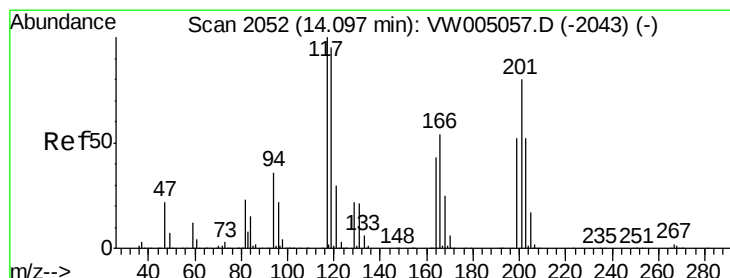
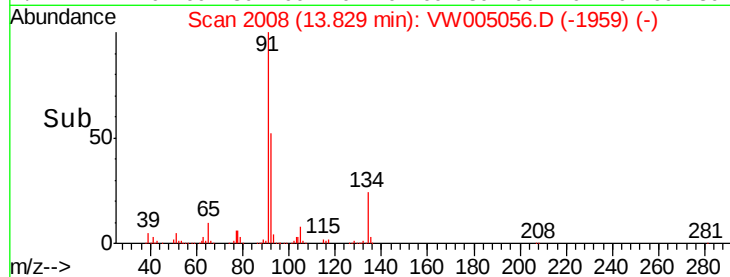
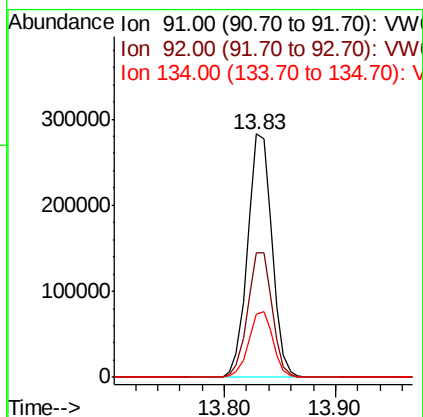
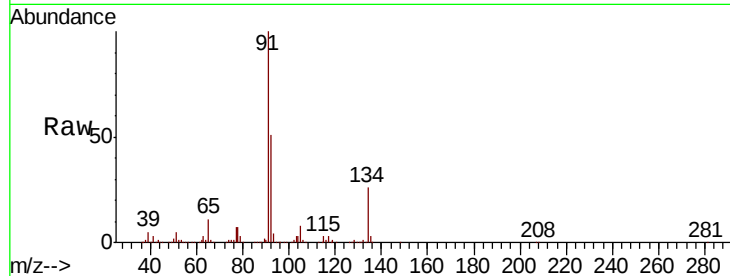




#89
n-Butylbenzene
Concen: 17.667 ug/l
RT: 13.83 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VW005056.D
Acq: 01 Sep 2018 00:39

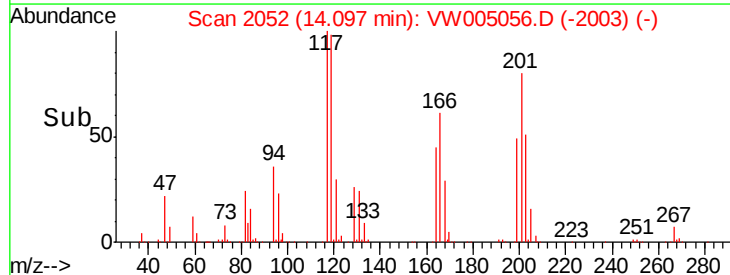
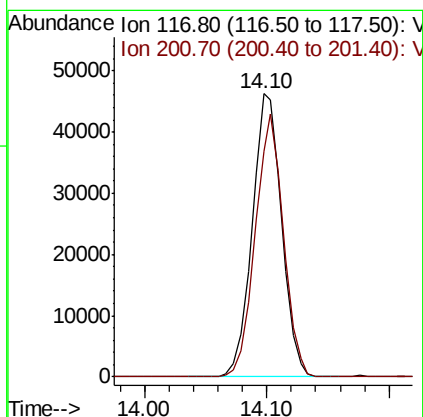
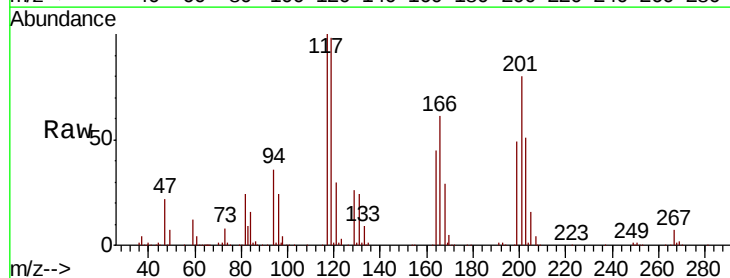
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

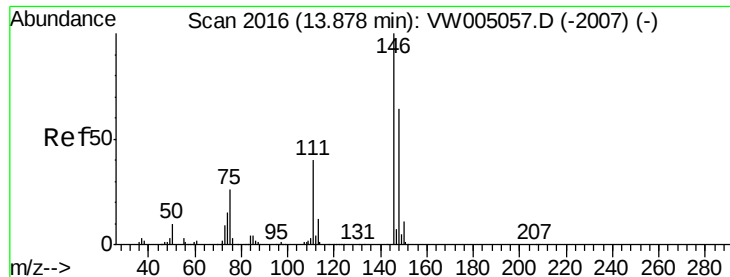
Tgt Ion: 91 Resp: 429176
Ion Ratio Lower Upper
91 100
92 51.5 26.5 79.5
134 26.8 13.5 40.4



#90
Hexachloroethane
Concen: 17.862 ug/l
RT: 14.10 min Scan# 2052
Delta R.T. 0.00 min
Lab File: VW005056.D
Acq: 01 Sep 2018 00:39

Tgt Ion: 117 Resp: 77771
Ion Ratio Lower Upper
117 100
201 88.5 44.6 133.8





#91

1,2-Dichlorobenzene

Concen: 18.423 ug/l

RT: 13.88 min Scan# 2016

Delta R.T. 0.00 min

Lab File: VW005056.D

Acq: 01 Sep 2018 00:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

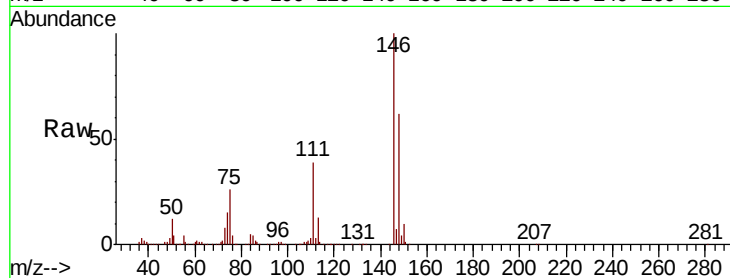
Tgt Ion:146 Resp: 226764

Ion Ratio Lower Upper

146 100

111 39.8 19.9 59.7

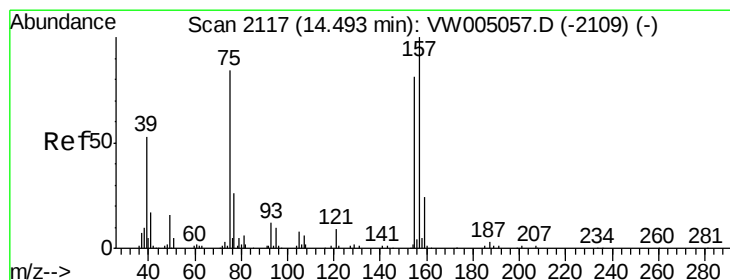
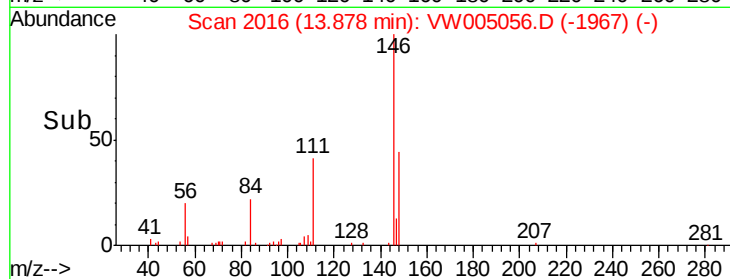
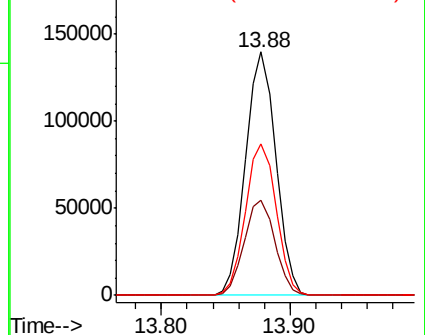
148 63.4 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.837 ug/l

RT: 14.49 min Scan# 2117

Delta R.T. 0.00 min

Lab File: VW005056.D

Acq: 01 Sep 2018 00:39

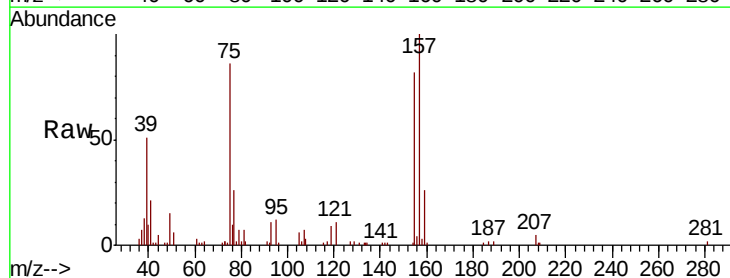
Tgt Ion: 75 Resp: 11839

Ion Ratio Lower Upper

75 100

155 89.7 46.0 137.8

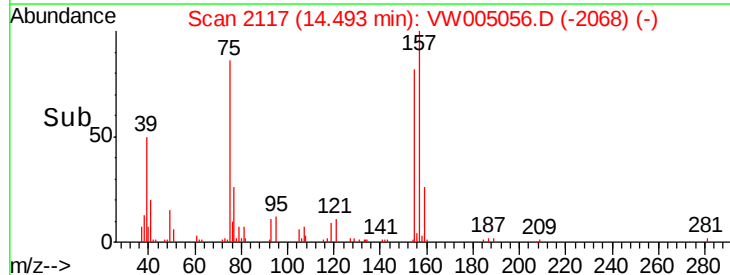
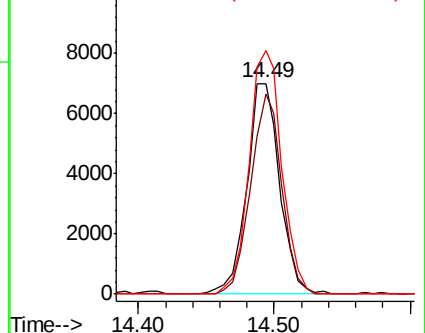
157 115.0 58.6 175.7

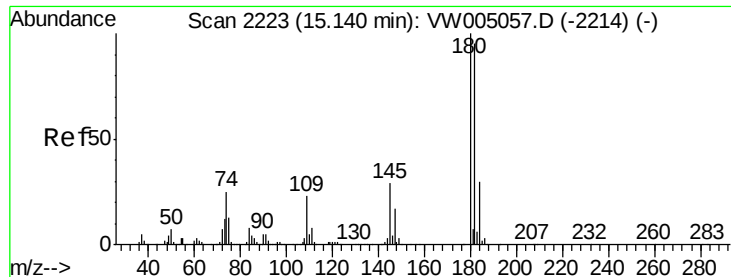


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

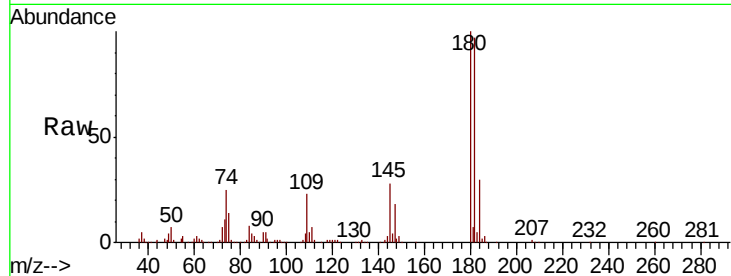




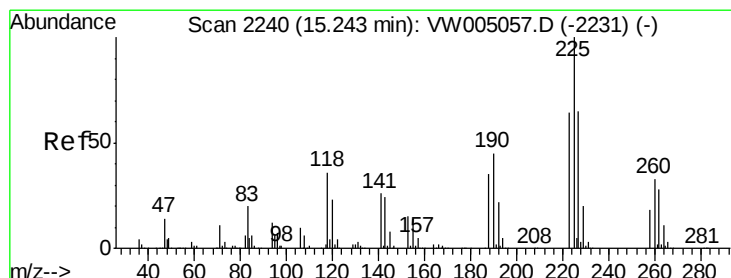
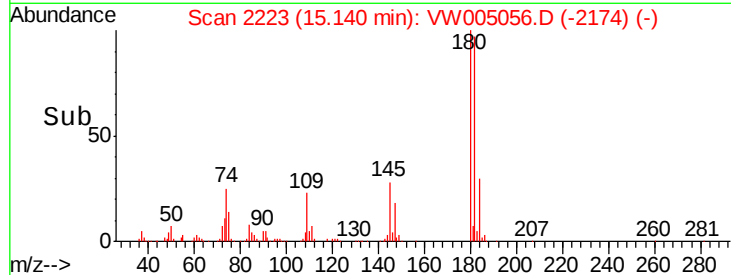
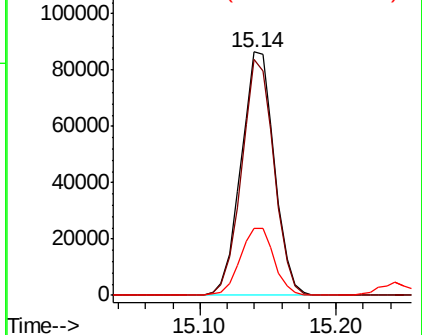
#93
 1,2,4-Trichlorobenzene
 Concen: 17.865 ug/l
 RT: 15.14 min Scan# 2223
 Delta R.T. 0.00 min
 Lab File: VW005056.D
 Acq: 01 Sep 2018 00:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tgt Ion:180 Resp: 147442
 Ion Ratio Lower Upper
 180 100
 182 94.3 47.5 142.6
 145 28.0 14.4 43.2

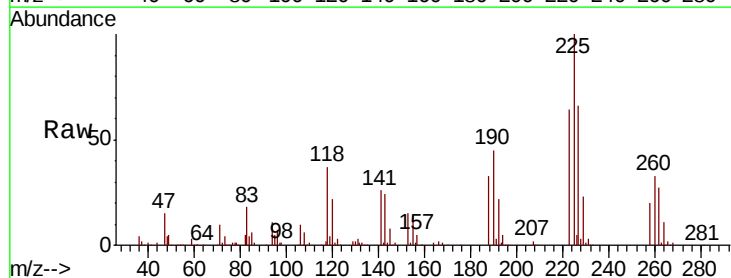


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

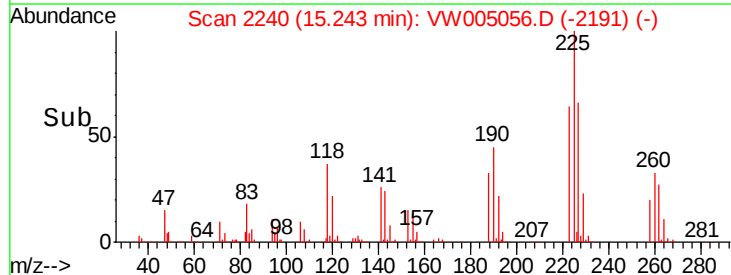
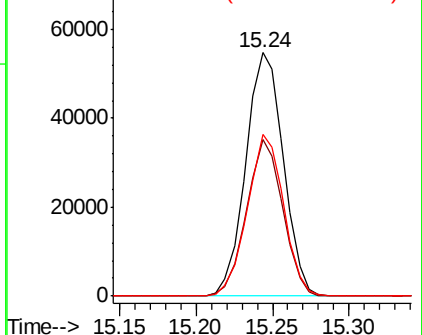


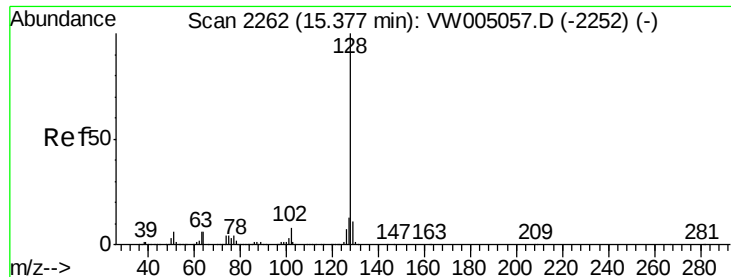
#94
 Hexachlorobutadiene
 Concen: 18.212 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. 0.00 min
 Lab File: VW005056.D
 Acq: 01 Sep 2018 00:39

Tgt Ion:225 Resp: 93483
 Ion Ratio Lower Upper
 225 100
 223 62.0 31.4 94.3
 227 64.5 32.0 96.0



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

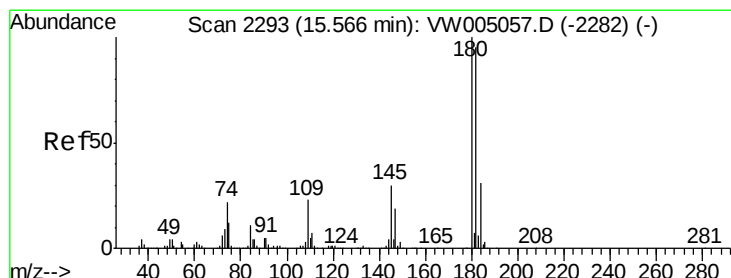
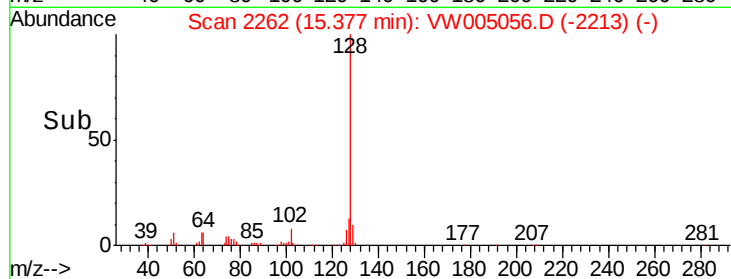
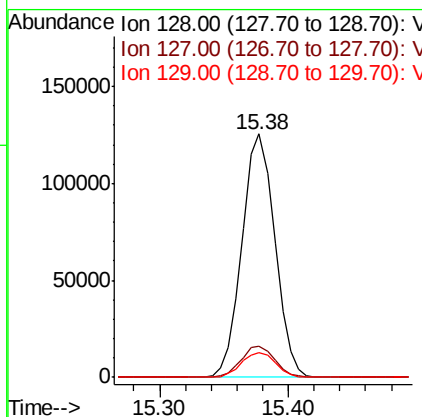
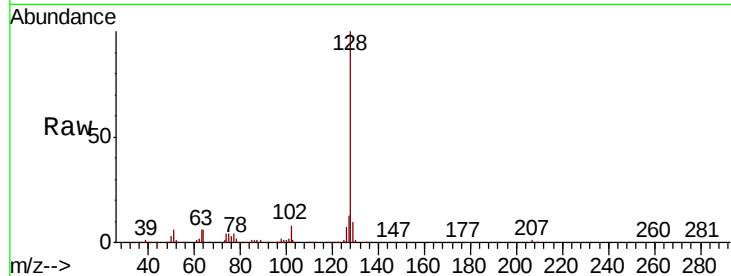




#95
Naphthalene
Concen: 18.314 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW005056.D
Acq: 01 Sep 2018 00:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion:128 Resp: 222197
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.6 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 17.873 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VW005056.D
Acq: 01 Sep 2018 00:39

Tgt Ion:180 Resp: 126237
Ion Ratio Lower Upper
180 100
182 96.7 47.4 142.3
145 30.6 15.4 46.1

