

Data File : VW006782.D
Acq On : 09 Nov 2018 12:16
Operator : SY/AP
Sample : VSTDIC005
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Quant Time: Nov 09 14:01:04 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110918S.M
Quant Title : SW846 8260
QLast Update : Fri Nov 09 13:58:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	309962	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	410662	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	413295	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	231895	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	12515	4.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.40%	
35) Dibromofluoromethane	7.89	113	11926	4.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.26%	
50) Toluene-d8	10.33	98	50651	5.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.32%	
62) 4-Bromofluorobenzene	12.62	95	18078	5.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	11175	6.955	ug/l	94
3) Chloromethane	2.22	50	14811	7.450	ug/l	97
4) Vinyl Chloride	2.36	62	15608	5.622	ug/l	96
5) Bromomethane	2.78	94	11790	5.061	ug/l	98
6) Chloroethane	2.92	64	11173	5.760	ug/l	99
7) Trichlorofluoromethane	3.27	101	20176	8.230	ug/l	93
8) Diethyl Ether	3.70	74	5989	4.469	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.07	101	14508	5.542	ug/l	99
10) Methyl Iodide	4.28	142	16830	3.546	ug/l	100
11) Tert butyl alcohol	5.21	59	2632	18.334	ug/l #	71
12) 1,1-Dichloroethene	4.05	96	10587	4.187	ug/l	96
13) Acrolein	3.91	56	3677	20.365	ug/l	99
14) Allyl chloride	4.68	41	14591	4.421	ug/l	99
15) Acrylonitrile	5.39	53	10749	22.371	ug/l	97
16) Acetone	4.15	43	9726	22.610	ug/l	94
17) Carbon Disulfide	4.39	76	34248	4.760	ug/l	99
18) Methyl Acetate	4.69	43	6940	5.611	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	25137	6.679	ug/l	97
20) Methylene Chloride	4.93	84	21676	6.472	ug/l	92
21) trans-1,2-Dichloroethene	5.43	96	13314	4.654	ug/l	96
22) Diisopropyl ether	6.32	45	28893	4.199	ug/l	90
23) Vinyl Acetate	6.27	43	76425	20.031	ug/l	98
24) 1,1-Dichloroethane	6.23	63	20658	4.430	ug/l	97
25) 2-Butanone	7.20	43	13303	21.672	ug/l	95
26) 2,2-Dichloropropane	7.17	77	21615	7.695	ug/l	98
27) cis-1,2-Dichloroethene	7.18	96	14001	4.374	ug/l	94
28) Bromochloromethane	7.52	49	7931	4.283	ug/l	97
29) Tetrahydrofuran	7.54	42	8388	21.726	ug/l	97
30) Chloroform	7.68	83	24109	4.716	ug/l	92
31) Cyclohexane	7.96	56	24118	5.683	ug/l #	79
32) 1,1,1-Trichloroethane	7.88	97	22931	5.301	ug/l	98
36) 1,1-Dichloropropene	8.09	75	18918	5.238	ug/l	100
37) Ethyl Acetate	7.27	43	6656	5.318	ug/l #	96
38) Carbon Tetrachloride	8.07	117	21142	5.603	ug/l	95

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ClientSampleId :
VSTDIC005

Quant Time: Nov 09 14:01:04 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110918S.M
Quant Title : SW846 8260
QLast Update : Fri Nov 09 13:58:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	22503	4.910	ug/l	98
40) Benzene	8.33	78	53140	5.181	ug/l	96
41) Methacrylonitrile	7.49	41	3492	4.550	ug/l	96
42) 1,2-Dichloroethane	8.41	62	15152	5.151	ug/l	99
43) Isopropyl Acetate	8.43	43	11800	4.725	ug/l	98
44) Trichloroethene	9.10	130	16534	5.223	ug/l	97
45) 1,2-Dichloropropane	9.37	63	12824	5.372	ug/l	92
46) Dibromomethane	9.46	93	6973	4.969	ug/l	95
47) Bromodichloromethane	9.65	83	17520	5.377	ug/l	97
48) Methyl methacrylate	9.45	41	5139	4.271	ug/l	93
49) 1,4-Dioxane	9.47	88	2071	100.845	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	29896	23.309	ug/l	99
52) Toluene	10.39	92	36191	5.260	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	14601	4.656	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	18415	4.970	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	10670	5.359	ug/l	99
56) Ethyl methacrylate	10.65	69	9596	4.240	ug/l	94
57) 1,3-Dichloropropane	10.94	76	16315	5.046	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	25321	23.018	ug/l	99
59) 2-Hexanone	10.98	43	18832	21.618	ug/l	98
60) Dibromochloromethane	11.13	129	11557	4.899	ug/l	98
61) 1,2-Dibromoethane	11.24	107	9548	4.829	ug/l	99
64) Tetrachloroethene	10.87	164	15908	4.829	ug/l	98
65) Chlorobenzene	11.66	112	44005	5.060	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	12999	4.252	ug/l	96
67) Ethyl Benzene	11.74	91	70553	4.853	ug/l	99
68) m/p-Xylenes	11.85	106	56688	9.761	ug/l	99
69) o-Xylene	12.17	106	25648	4.639	ug/l	99
70) Styrene	12.18	104	39504	4.382	ug/l	98
71) Bromoform	12.35	173	6958	4.294	ug/l #	100
73) Isopropylbenzene	12.47	105	68632	4.493	ug/l	99
74) N-amyl acetate	12.28	43	10377	3.931	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	10520	4.360	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	13194	7.292	ug/l #	100
77) Bromobenzene	12.75	156	18907	4.780	ug/l	99
78) n-propylbenzene	12.81	91	82593	4.701	ug/l	99
79) 2-Chlorotoluene	12.90	91	48815	4.841	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	60487	4.713	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	2729	4.380	ug/l	94
82) 4-Chlorotoluene	12.99	91	51188	4.798	ug/l	99
83) tert-Butylbenzene	13.21	119	51437	4.494	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	61703	4.687	ug/l	98
85) sec-Butylbenzene	13.39	105	74846	4.669	ug/l	100
86) p-Isopropyltoluene	13.51	119	66090	4.531	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	39629	5.088	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	40353	5.226	ug/l	96
89) n-Butylbenzene	13.83	91	62920	4.860	ug/l	100
90) Hexachloroethane	14.10	117	10296	4.295	ug/l	95
91) 1,2-Dichlorobenzene	13.88	146	34272	4.891	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	1771	4.524	ug/l	88

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110918\
Quantitation Report (Not Reviewed)

Data File : VW006782.D
Acq On : 09 Nov 2018 12:16
Operator : SY/AP
Sample : VSTDICC005
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Quant Time: Nov 09 14:01:04 2018
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Quant Title : SW846 8260
QLast Update : Fri Nov 09 13:58:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	24748	4.750	ug/l	98
94) Hexachlorobutadiene	15.24	225	16912	5.208	ug/l	99
95) Naphthalene	15.38	128	32083	3.832	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	21239	4.639	ug/l	98

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

Data File : VW006782.D

Acq On : 09 Nov 2018 12:16

Operator : SY/AP

Sample : VSTDICC005

Misc : 5.00G/5ML/MSVOA_W/SOIL

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ALS Vial      : 3      Sample Multiplier: 1
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Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

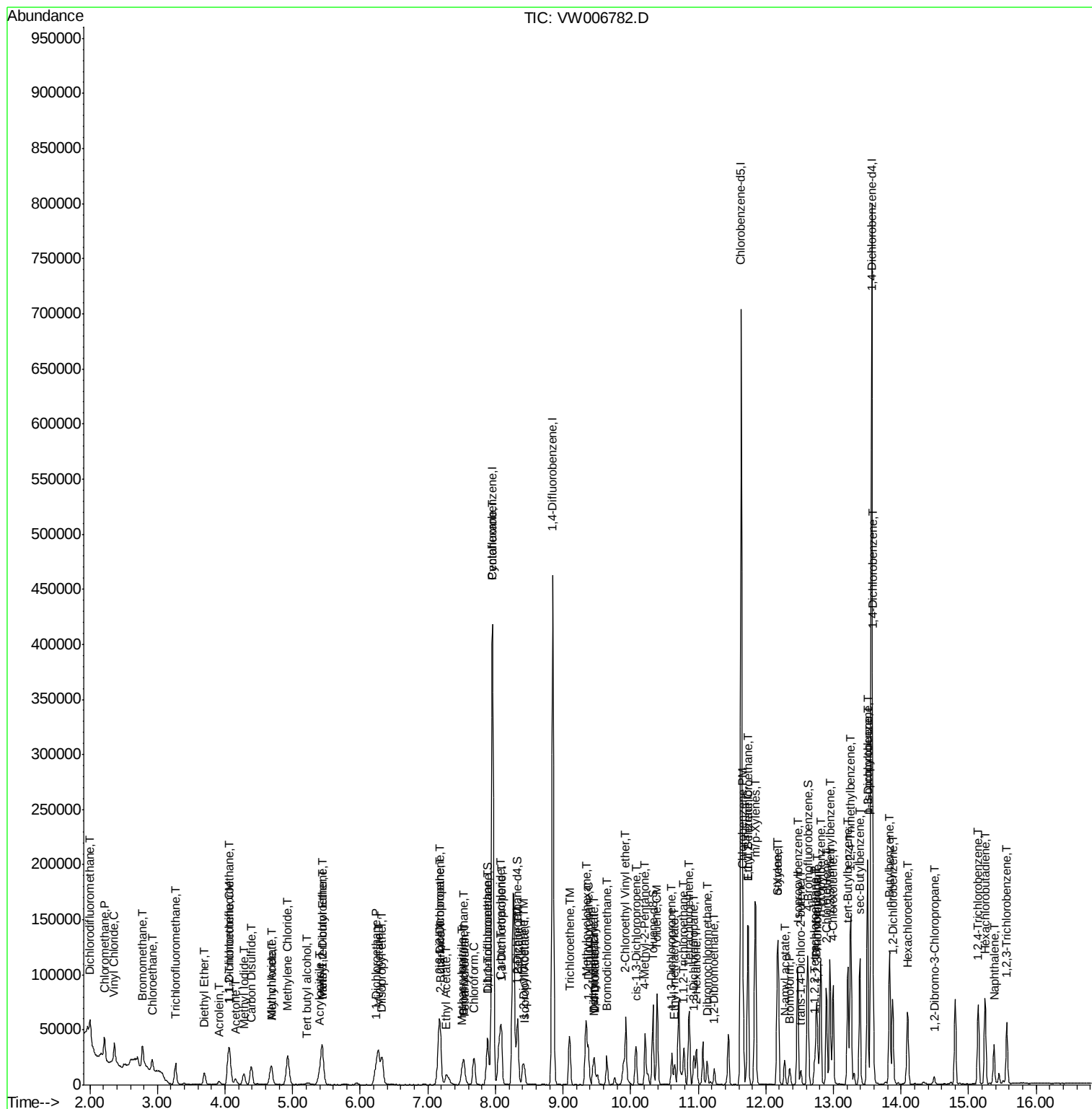
Quant Time: Nov 09 14:01:04 2018

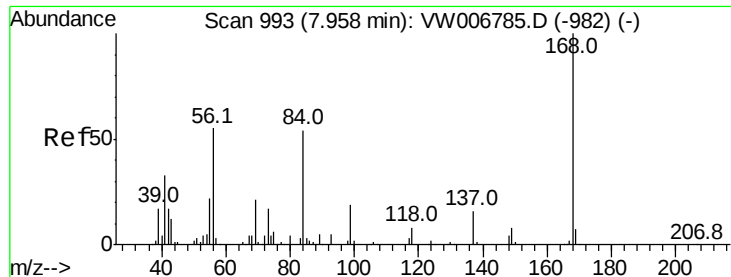
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_W\METHOD\82W110918S.M

Quant Title : SW846 8260

QLast Update : Fri Nov 09 13:58:37 2018

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW006782.D

Acq: 09 Nov 2018 12:16

Instrument :

MSVOA_W

ClientSampleId :

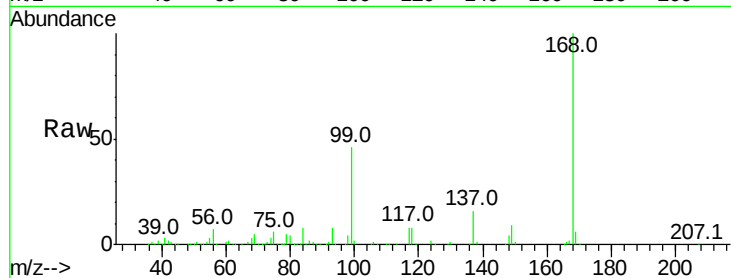
VSTDIC005

Tgt Ion:168 Resp: 309962

Ion Ratio Lower Upper

168 100

99 46.3 36.8 55.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

150000

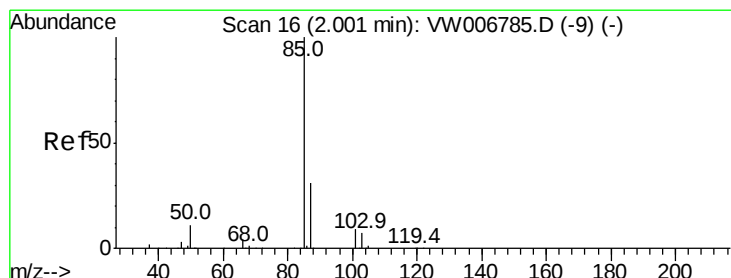
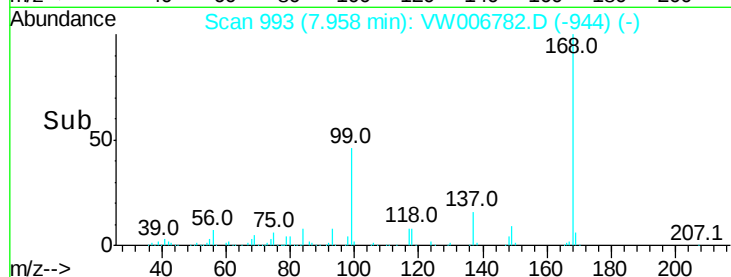
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50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 6.955 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW006782.D

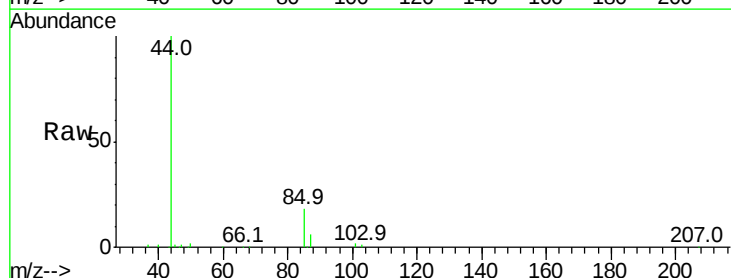
Acq: 09 Nov 2018 12:16

Tgt Ion: 85 Resp: 11175

Ion Ratio Lower Upper

85 100

87 34.8 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

8000

6000

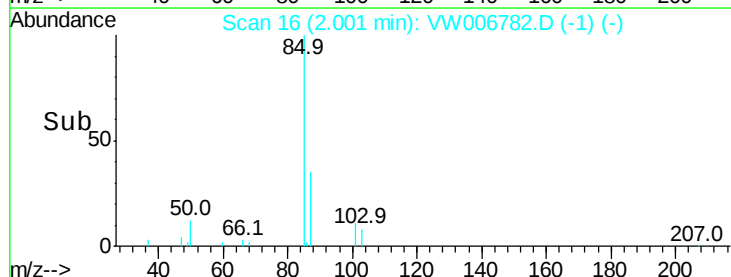
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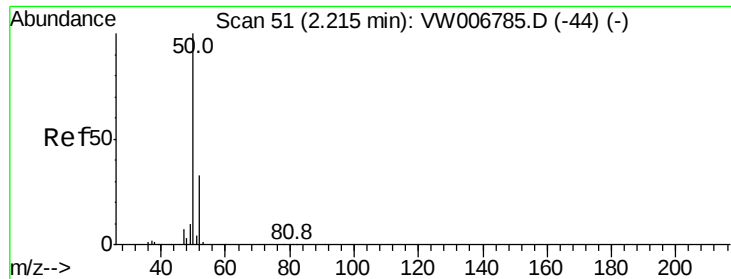
2000

0

1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 7.450 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.01 min

Lab File: VW006782.D

Acq: 09 Nov 2018 12:16

Instrument :

MSVOA_W

ClientSampleId :

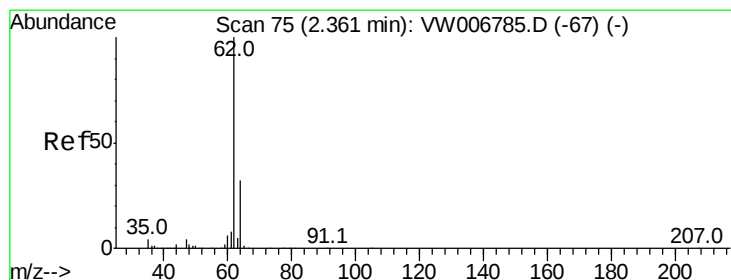
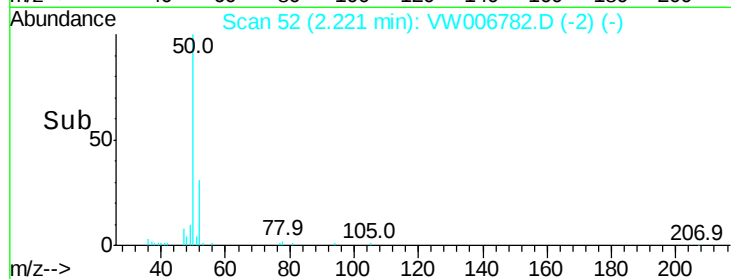
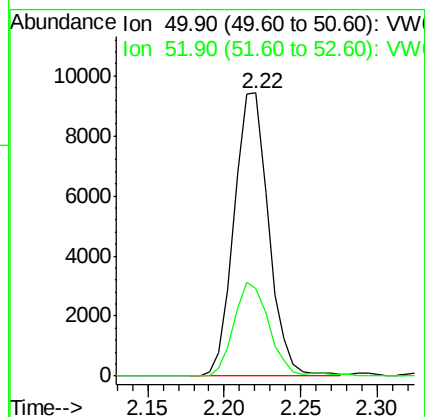
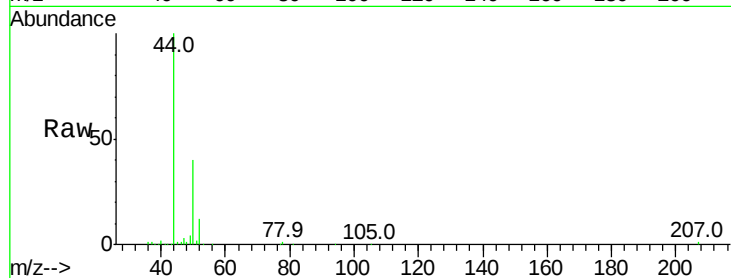
VSTDIC005

Tgt Ion: 50 Resp: 14811

Ion Ratio Lower Upper

50 100

52 30.9 26.2 39.4



#4

Vinyl Chloride

Concen: 5.622 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW006782.D

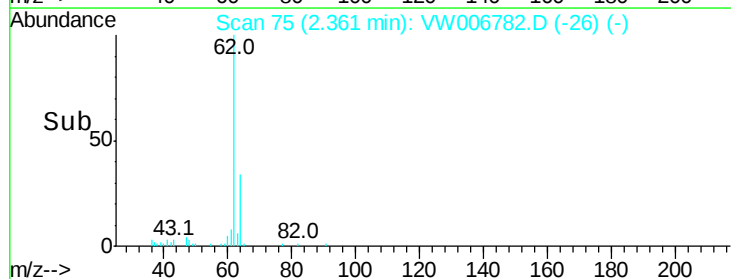
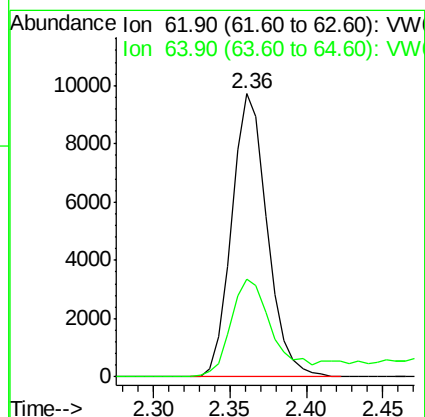
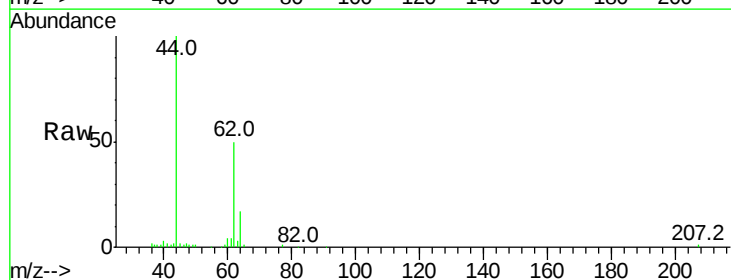
Acq: 09 Nov 2018 12:16

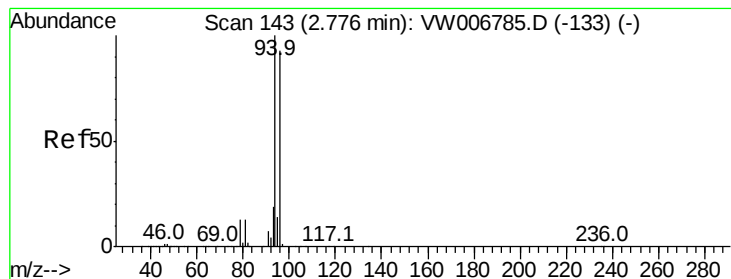
Tgt Ion: 62 Resp: 15608

Ion Ratio Lower Upper

62 100

64 34.4 25.8 38.6





#5

Bromomethane

Concen: 5.061 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.01 min

Lab File: VW006782.D

Acq: 09 Nov 2018 12:16

Instrument :

MSVOA_W

ClientSampleId :

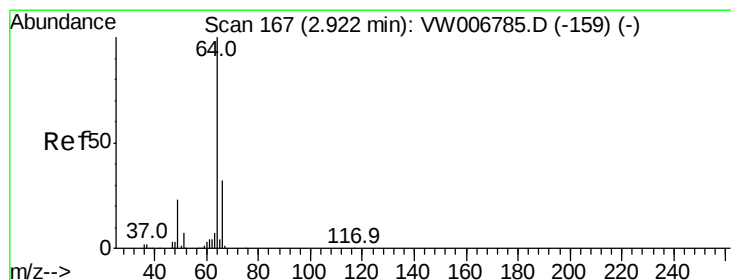
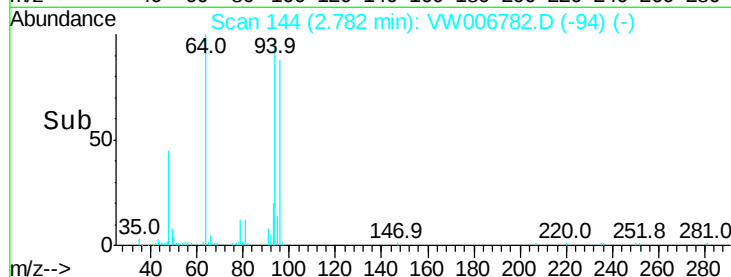
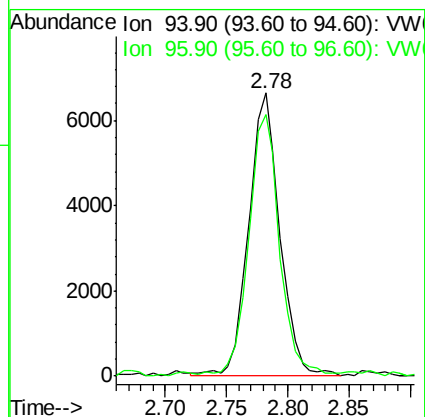
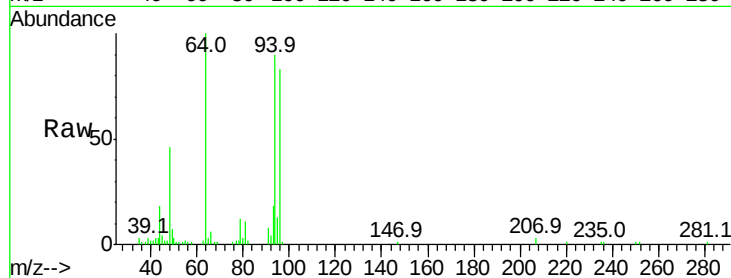
VSTDIC005

Tgt Ion: 94 Resp: 11790

Ion Ratio Lower Upper

94 100

96 91.4 74.5 111.7



#6

Chloroethane

Concen: 5.760 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.00 min

Lab File: VW006782.D

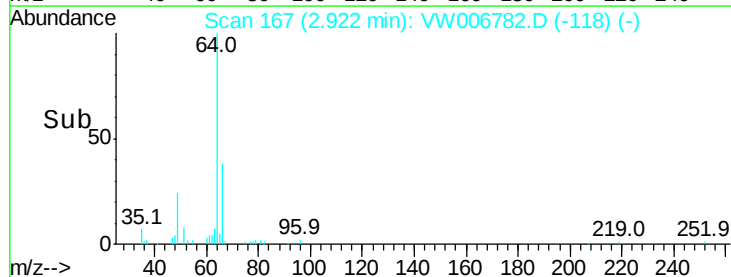
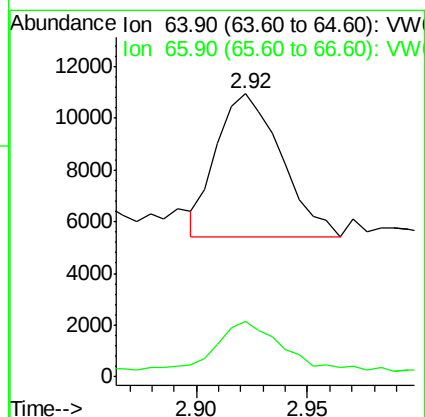
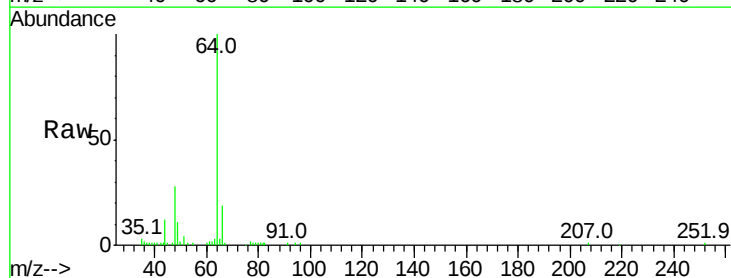
Acq: 09 Nov 2018 12:16

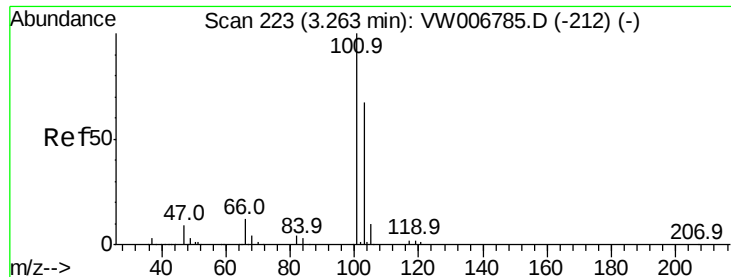
Tgt Ion: 64 Resp: 11173

Ion Ratio Lower Upper

64 100

66 32.3 25.4 38.2



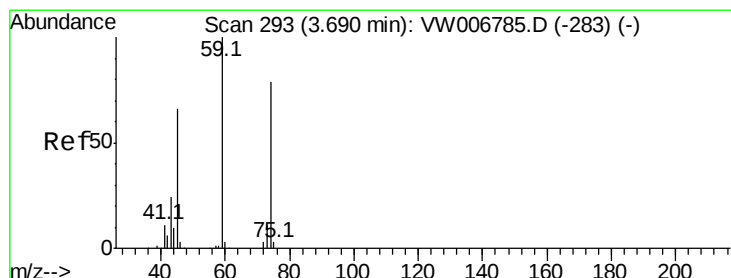
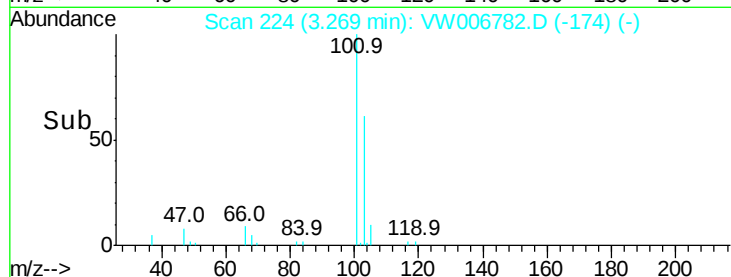
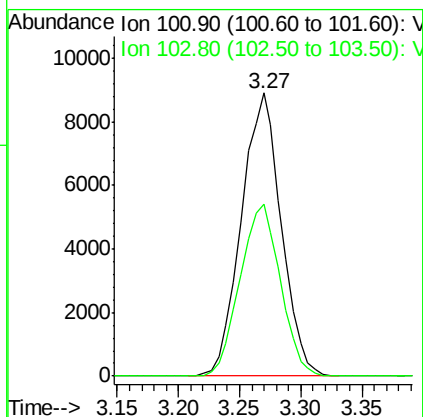
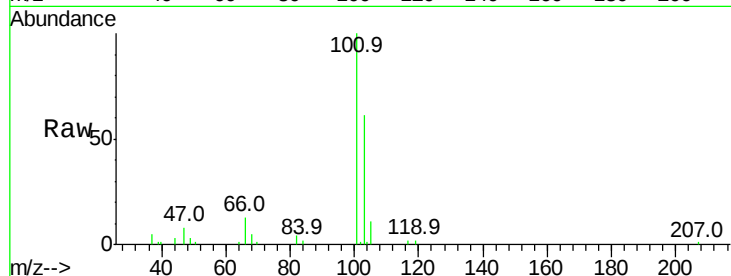


#7

Trichlorofluoromethane
Concen: 8.230 ug/l
RT: 3.27 min Scan# 224
Delta R.T. 0.01 min
Lab File: VW006782.D
Acq: 09 Nov 2018 12:16

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

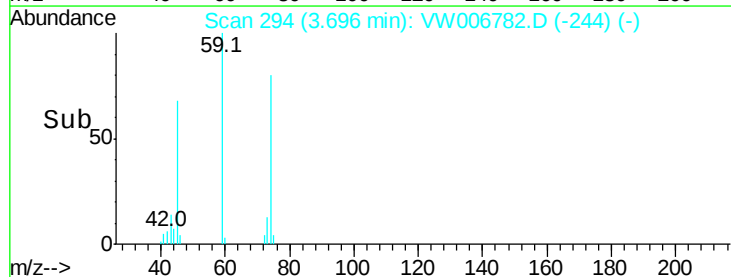
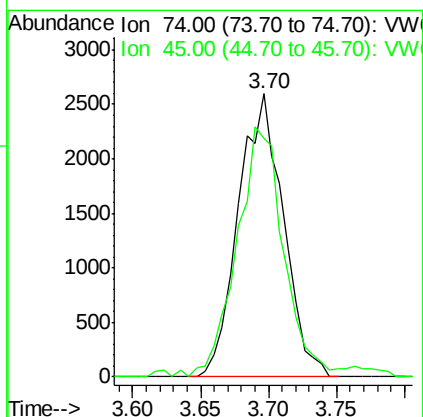
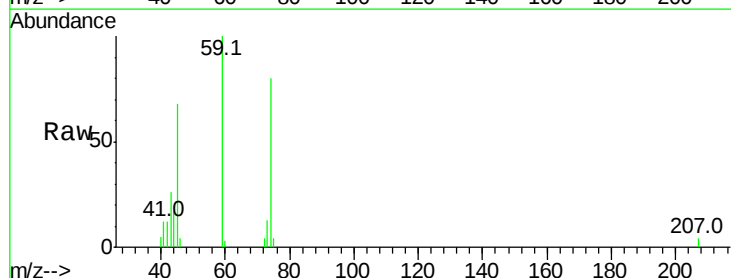
Tgt Ion:101 Resp: 20176
Ion Ratio Lower Upper
101 100
103 60.8 53.4 80.0

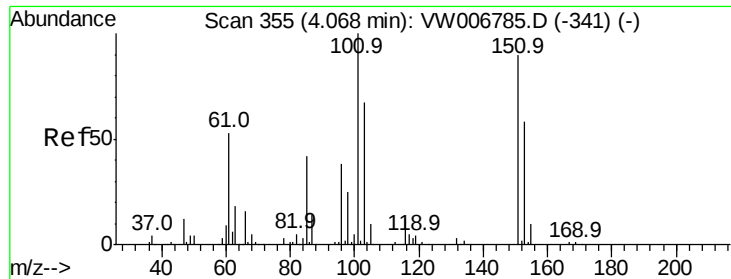


#8

Diethyl Ether
Concen: 4.469 ug/l
RT: 3.70 min Scan# 294
Delta R.T. 0.01 min
Lab File: VW006782.D
Acq: 09 Nov 2018 12:16

Tgt Ion: 74 Resp: 5989
Ion Ratio Lower Upper
74 100
45 92.6 44.0 132.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.542 ug/l

RT: 4.07 min Scan# 355

Delta R.T. -0.00 min

Lab File: VW006782.D

Acq: 09 Nov 2018 12:16

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

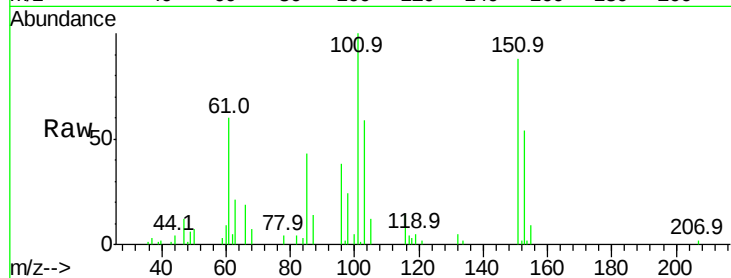
Tgt Ion:101 Resp: 14508

Ion Ratio Lower Upper

101 100

85 43.0 34.0 51.0

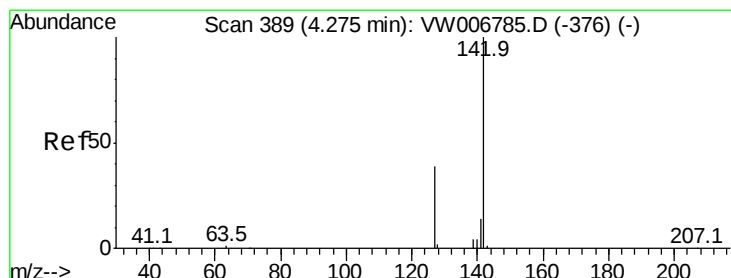
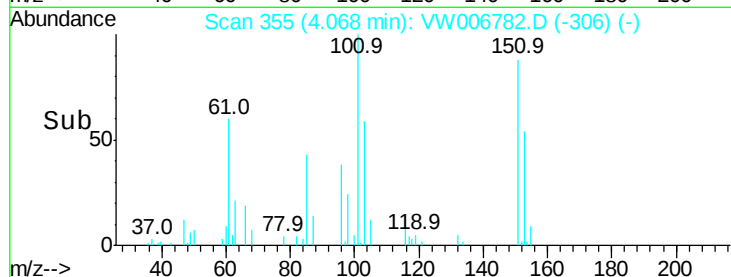
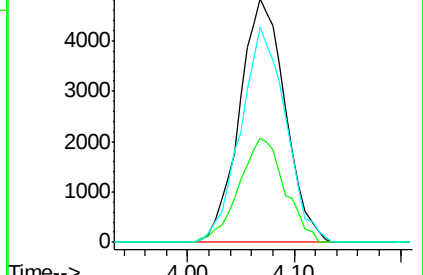
151 87.3 70.7 106.1



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: 3.546 ug/l

RT: 4.28 min Scan# 390

Delta R.T. 0.01 min

Lab File: VW006782.D

Acq: 09 Nov 2018 12:16

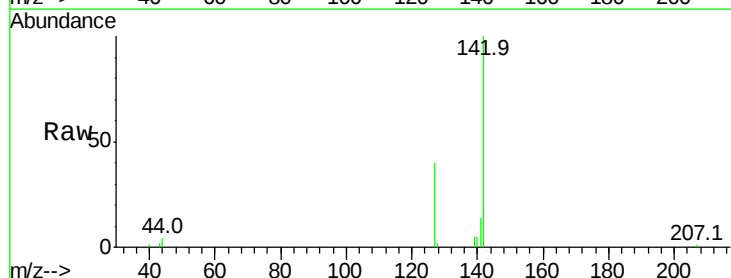
Tgt Ion:142 Resp: 16830

Ion Ratio Lower Upper

142 100

127 40.3 32.3 48.5

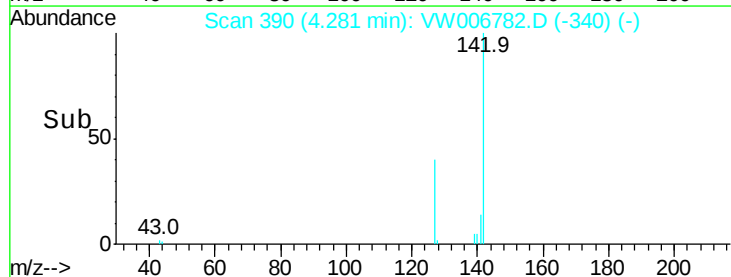
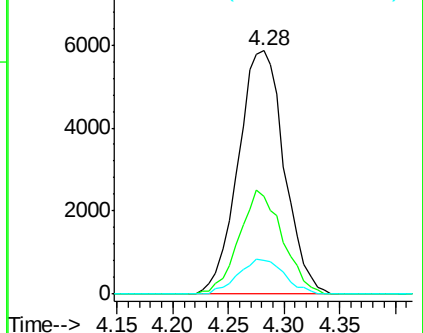
141 14.3 11.4 17.0

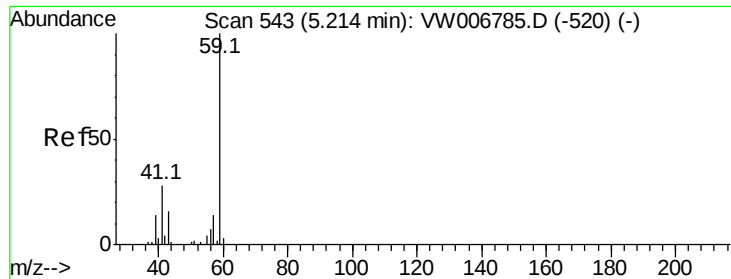


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 18.334 ug/l

RT: 5.21 min Scan# 542

Delta R.T. -0.01 min

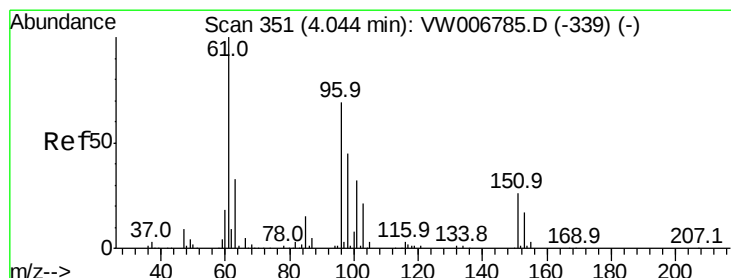
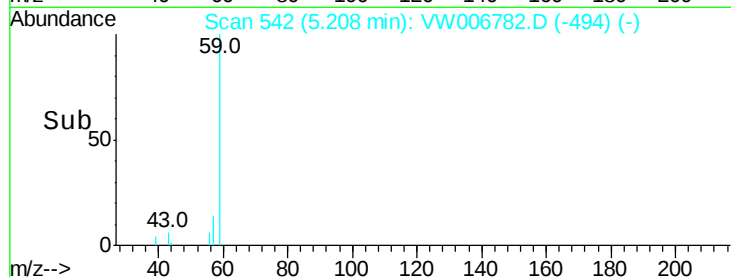
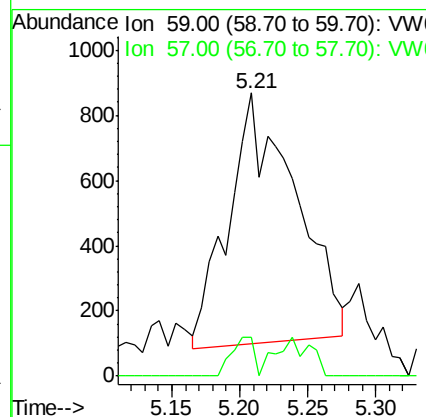
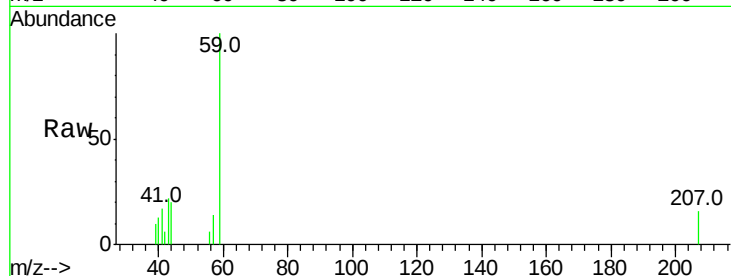
Lab File: VW006782.D

Acq: 09 Nov 2018 12:16

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion: 59 Resp: 2632

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.7	13.1#



#12

1,1-Dichloroethene

Concen: 4.187 ug/l

RT: 4.05 min Scan# 352

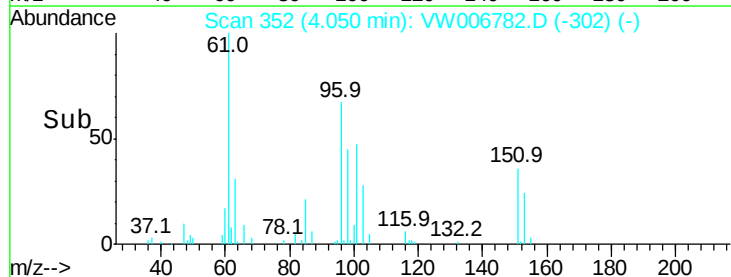
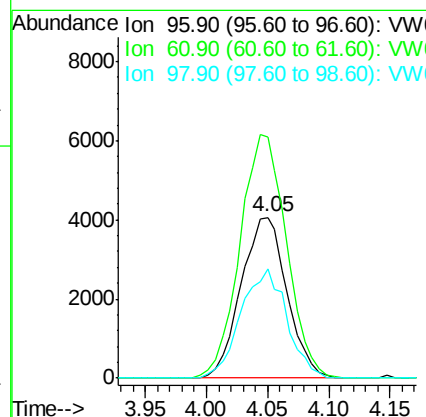
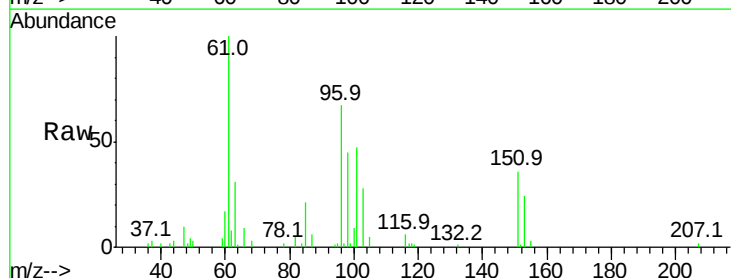
Delta R.T. 0.01 min

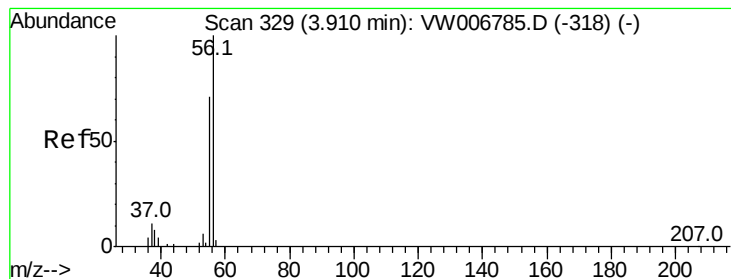
Lab File: VW006782.D

Acq: 09 Nov 2018 12:16

Tgt Ion: 96 Resp: 10587

Ion	Ratio	Lower	Upper
96	100		
61	150.1	116.0	174.0
98	68.0	52.0	78.0





#13

Acrolein

Concen: 20.365 ug/l

RT: 3.91 min Scan# 329

Delta R.T. -0.00 min

Lab File: VW006782.D

Acq: 09 Nov 2018 12:16

Instrument :

MSVOA_W

ClientSampleId :

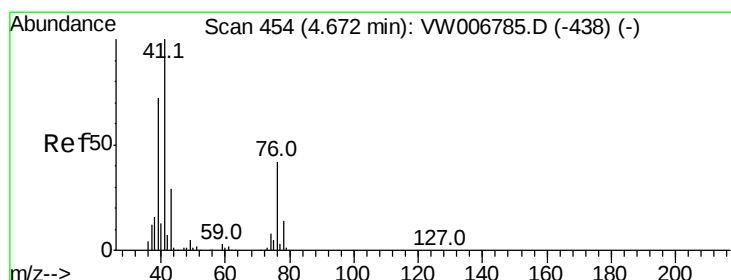
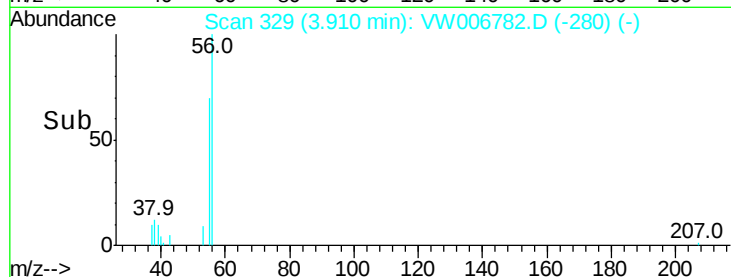
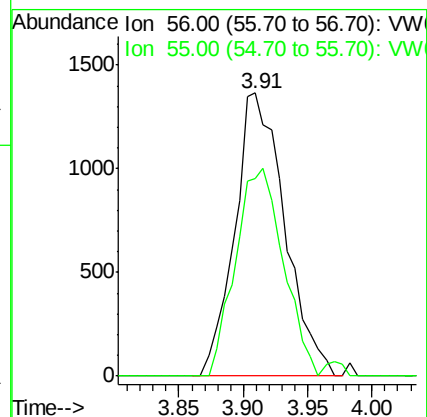
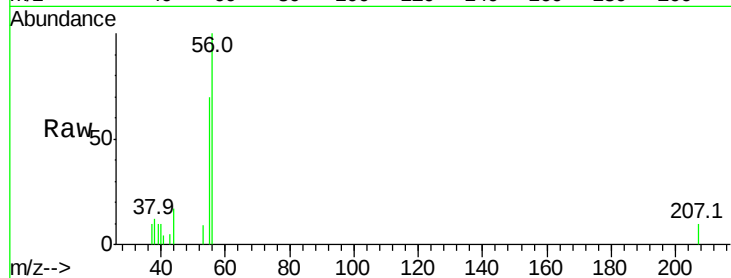
VSTDIC005

Tgt Ion: 56 Resp: 3677

Ion Ratio Lower Upper

56 100

55 70.2 56.9 85.3



#14

Allyl chloride

Concen: 4.421 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.01 min

Lab File: VW006782.D

Acq: 09 Nov 2018 12:16

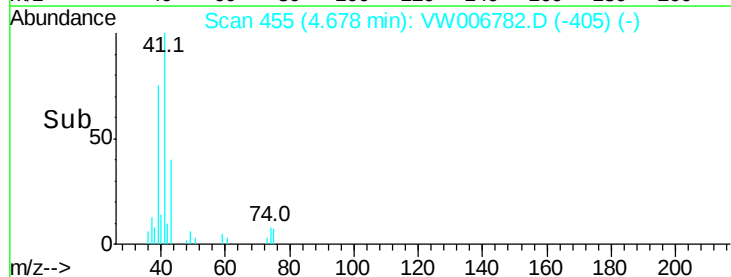
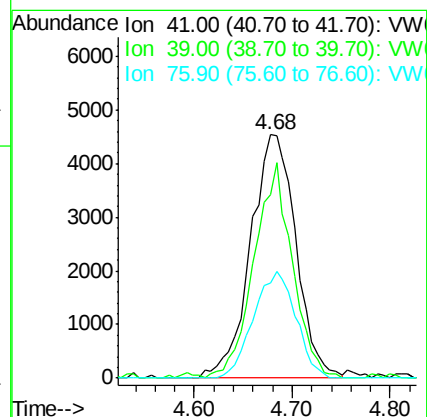
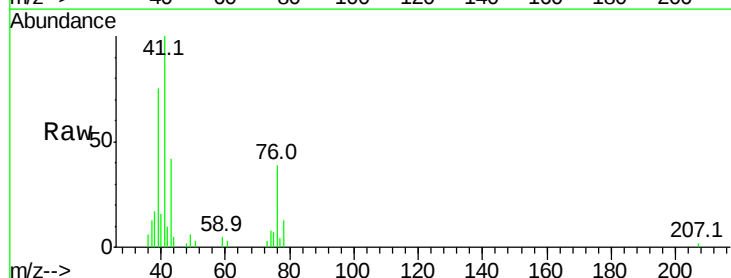
Tgt Ion: 41 Resp: 14591

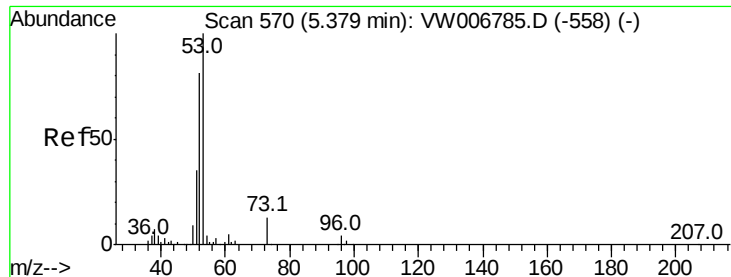
Ion Ratio Lower Upper

41 100

39 75.0 60.0 90.0

76 41.1 34.2 51.4





#15

Acrylonitrile

Concen: 22.371 ug/l

RT: 5.39 min Scan# 572

Delta R.T. 0.01 min

Lab File: VW006782.D

Acq: 09 Nov 2018 12:16

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

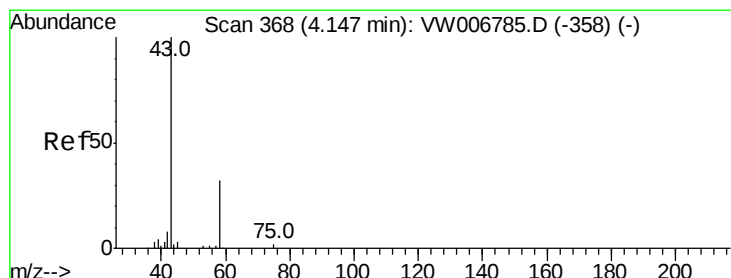
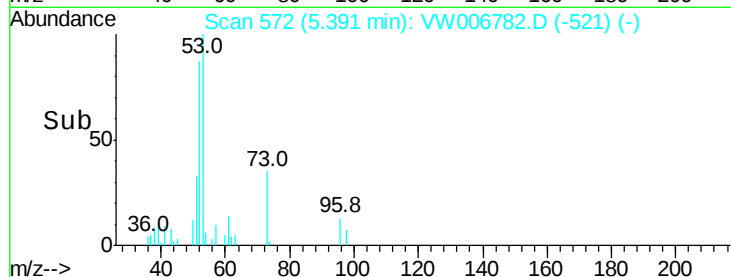
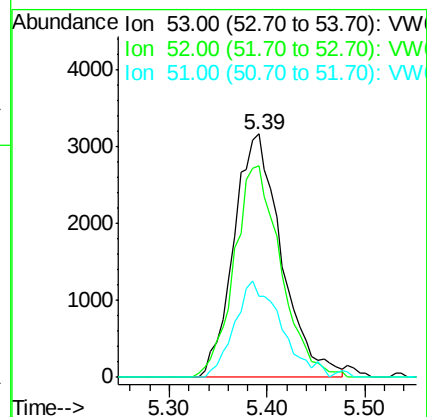
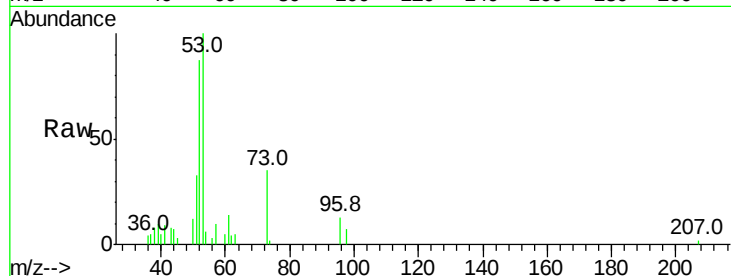
Tgt Ion: 53 Resp: 10749

Ion Ratio Lower Upper

53 100

52 85.2 65.2 97.8

51 38.6 30.2 45.4



#16

Acetone

Concen: 22.610 ug/l

RT: 4.15 min Scan# 369

Delta R.T. 0.01 min

Lab File: VW006782.D

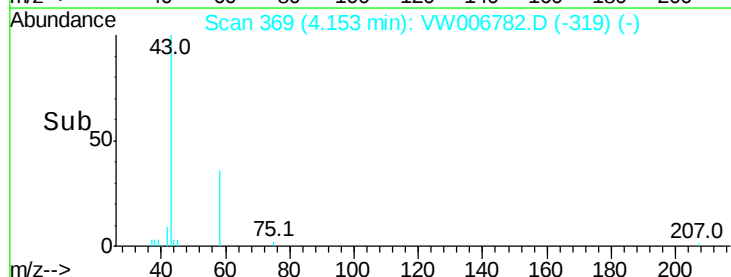
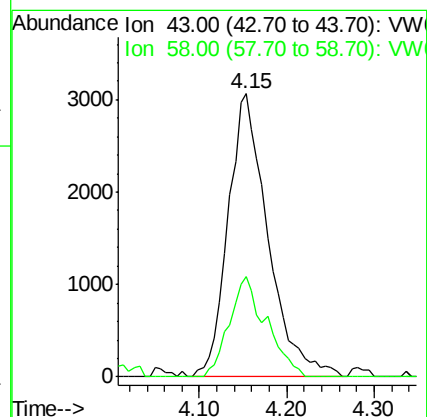
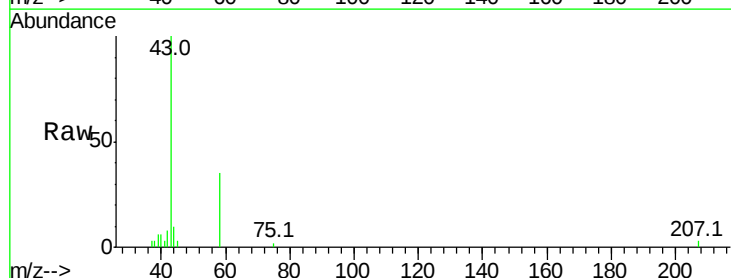
Acq: 09 Nov 2018 12:16

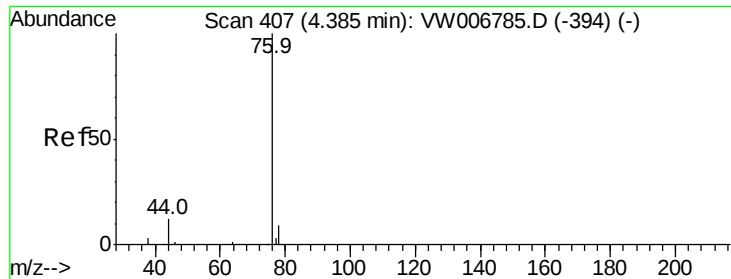
Tgt Ion: 43 Resp: 9726

Ion Ratio Lower Upper

43 100

58 35.3 25.4 38.0

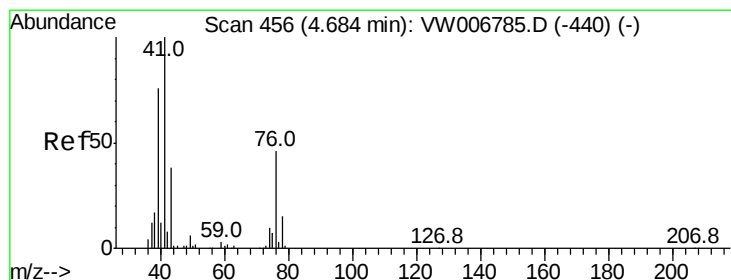
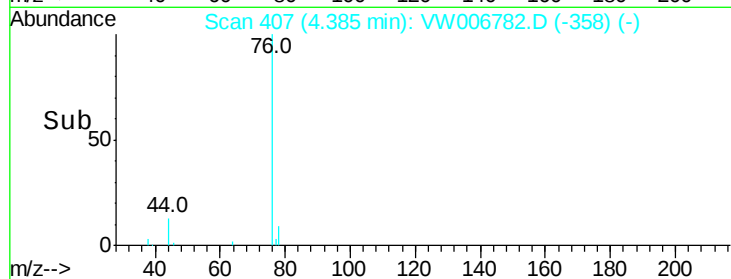
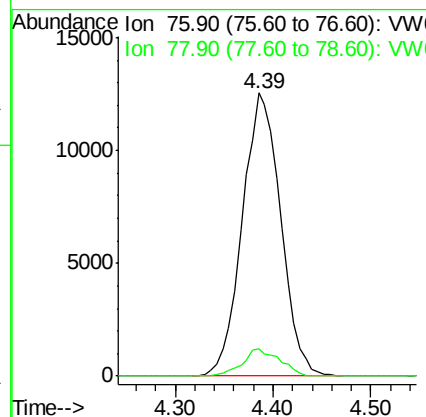
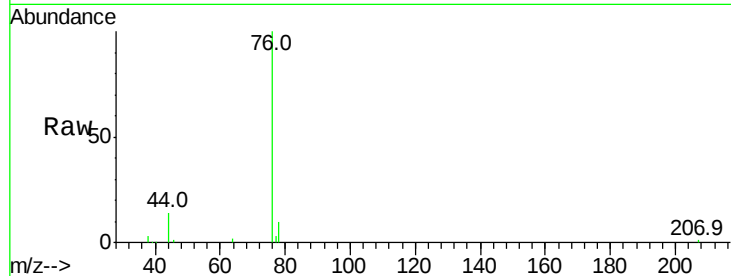




#17
Carbon Disulfide
Concen: 4.760 ug/l
RT: 4.39 min Scan# 407
Delta R.T. -0.00 min
Lab File: VW006782.D
Acq: 09 Nov 2018 12:16

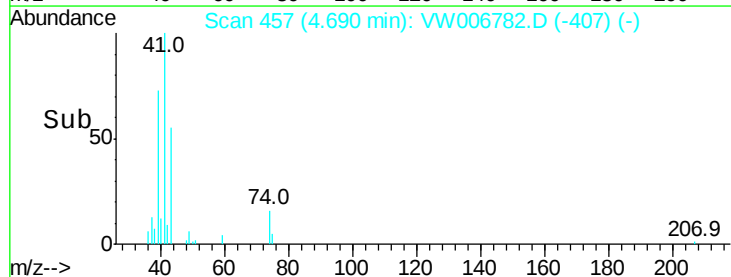
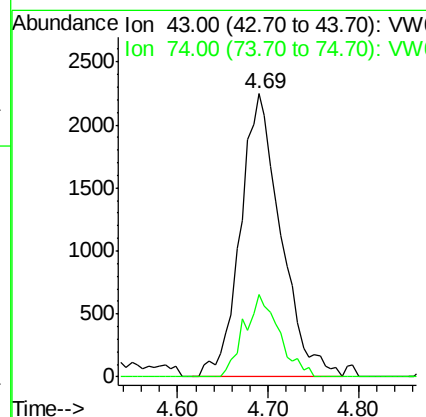
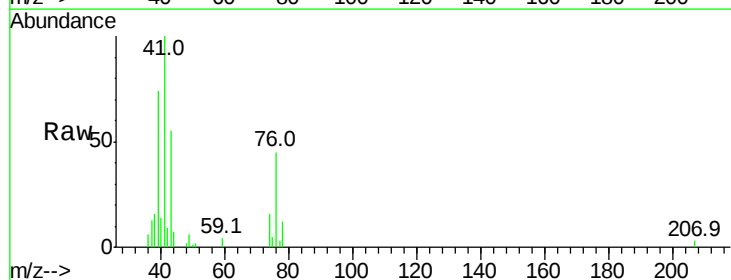
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

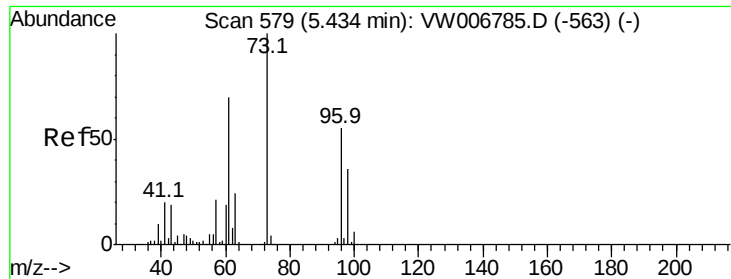
Tgt Ion: 76 Resp: 34248
Ion Ratio Lower Upper
76 100
78 9.7 7.4 11.0



#18
Methyl Acetate
Concen: 5.611 ug/l
RT: 4.69 min Scan# 457
Delta R.T. 0.01 min
Lab File: VW006782.D
Acq: 09 Nov 2018 12:16

Tgt Ion: 43 Resp: 6940
Ion Ratio Lower Upper
43 100
74 25.2 21.8 32.8





#19

Methyl tert-butyl Ether

Concen: 6.679 ug/l

RT: 5.43 min Scan# 579

Delta R.T. -0.00 min

Lab File: VW006782.D

Acq: 09 Nov 2018 12:16

Instrument :

MSVOA_W

ClientSampleId :

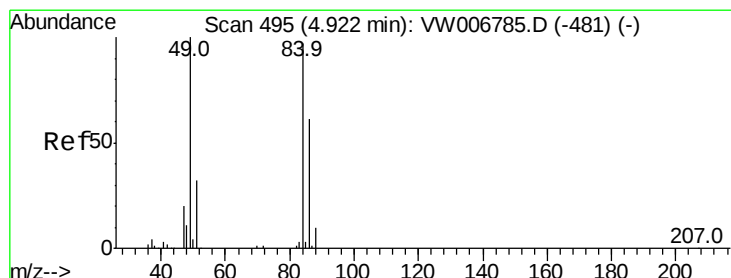
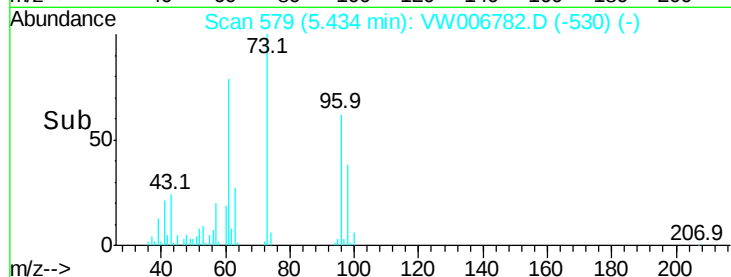
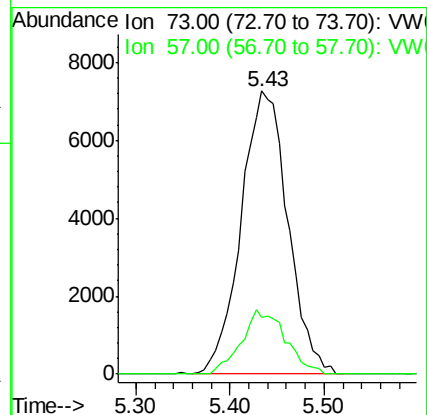
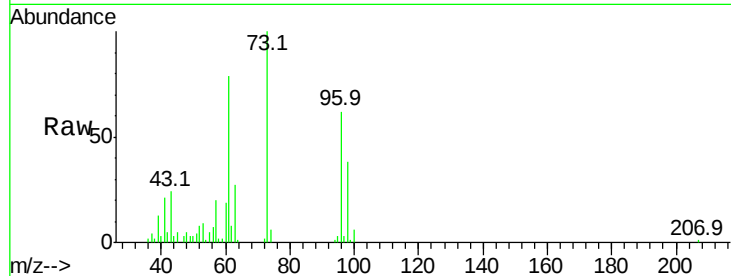
VSTDIC005

Tgt Ion: 73 Resp: 25137

Ion Ratio Lower Upper

73 100

57 20.1 17.0 25.6



#20

Methylene Chloride

Concen: 6.472 ug/l

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW006782.D

Acq: 09 Nov 2018 12:16

Tgt Ion: 84 Resp: 21676

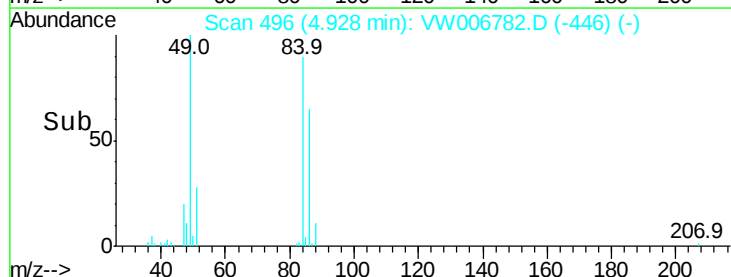
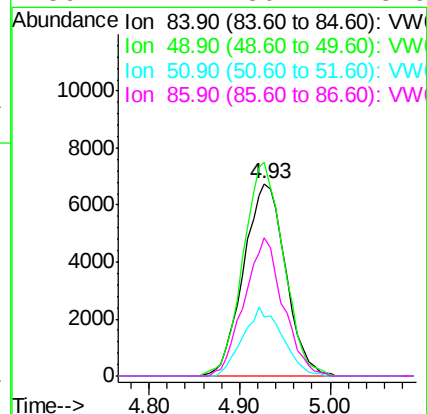
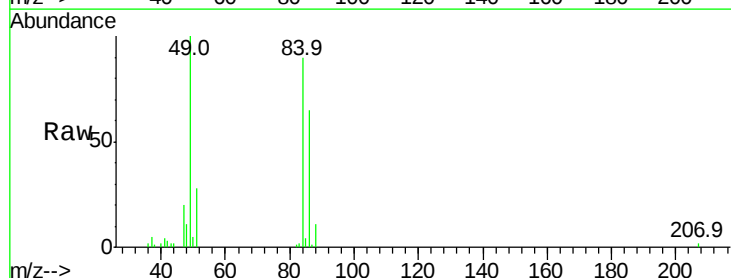
Ion Ratio Lower Upper

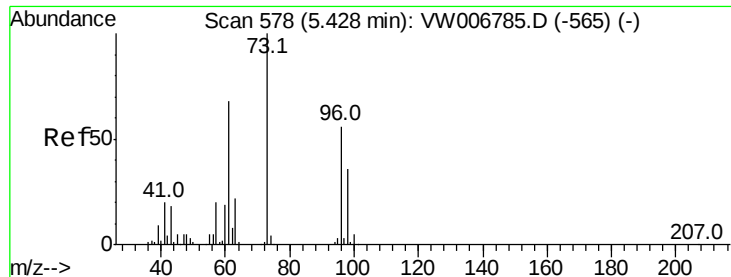
84 100

49 110.9 82.4 123.6

51 30.5 26.7 40.1

86 71.7 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 4.654 ug/l

RT: 5.43 min Scan# 579

Delta R.T. 0.01 min

Lab File: VW006782.D

Acq: 09 Nov 2018 12:16

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

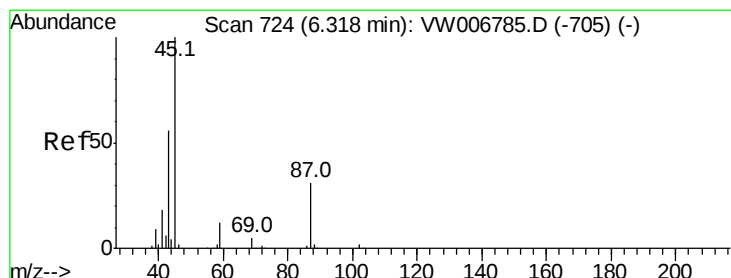
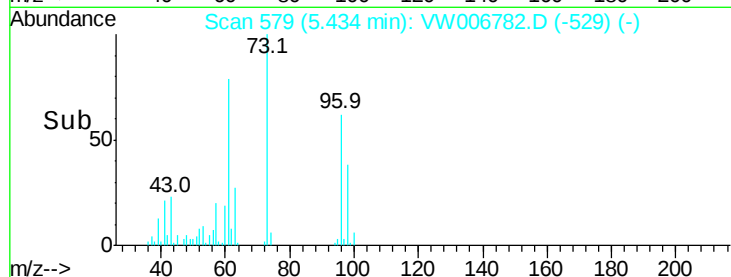
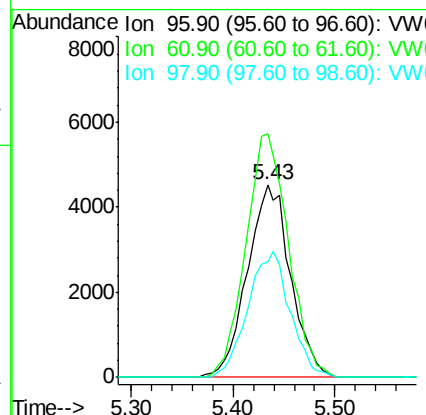
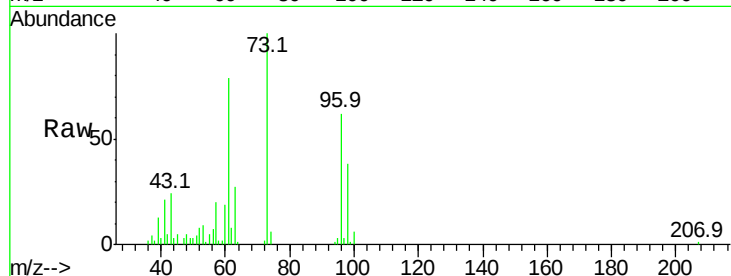
Tgt Ion: 96 Resp: 13314

Ion Ratio Lower Upper

96 100

61 126.1 97.6 146.4

98 60.1 51.6 77.4



#22

Diisopropyl ether

Concen: 4.199 ug/l

RT: 6.32 min Scan# 724

Delta R.T. -0.00 min

Lab File: VW006782.D

Acq: 09 Nov 2018 12:16

Tgt Ion: 45 Resp: 28893

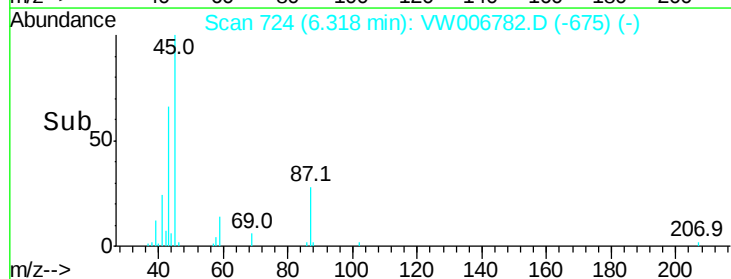
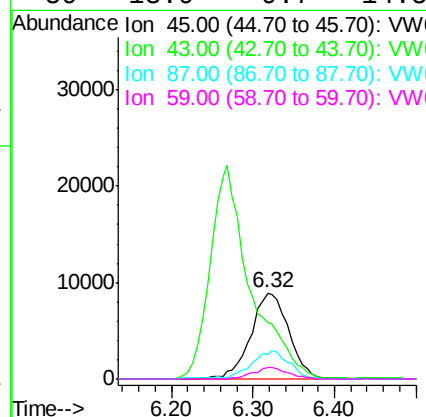
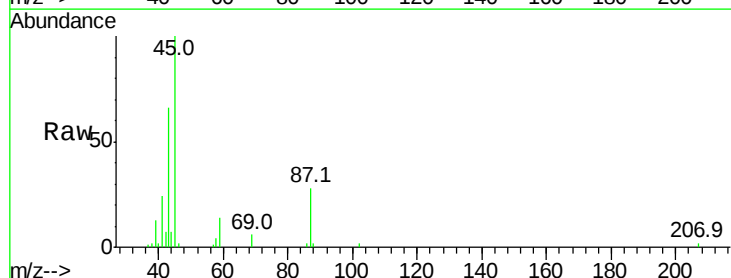
Ion Ratio Lower Upper

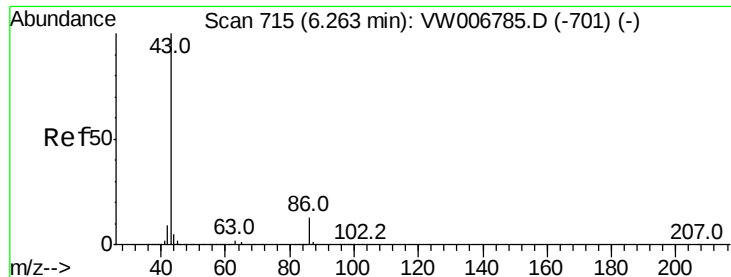
45 100

43 65.1 44.6 66.8

87 28.3 25.5 38.3

59 13.9 9.7 14.5

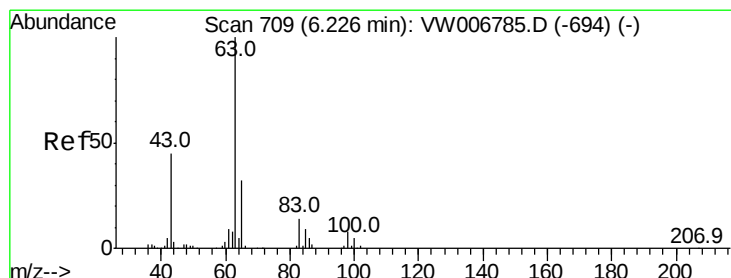
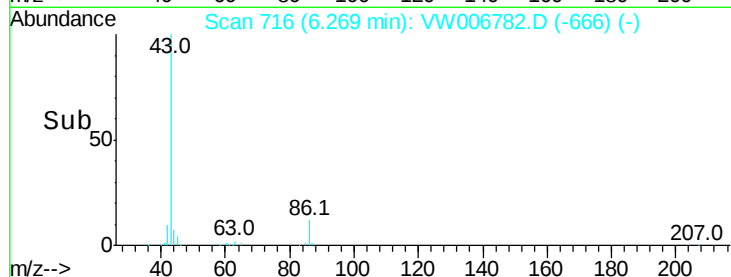
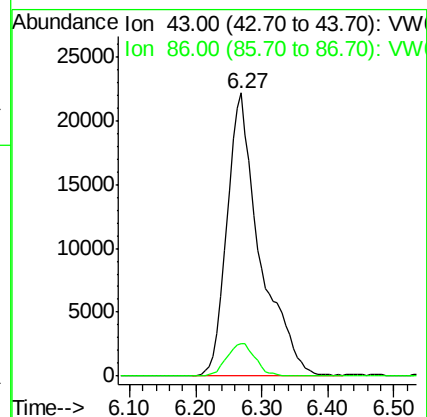
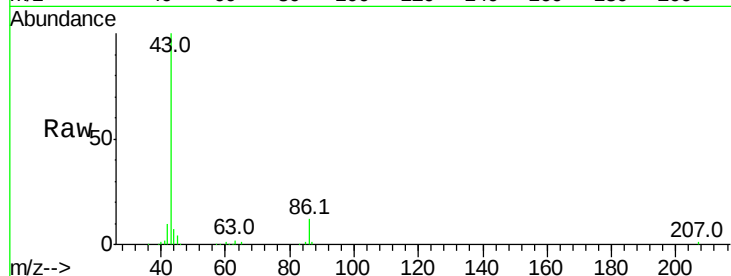




#23
 Vinyl Acetate
 Concen: 20.031 ug/l
 RT: 6.27 min Scan# 716
 Delta R.T. 0.01 min
 Lab File: VW006782.D
 Acq: 09 Nov 2018 12:16

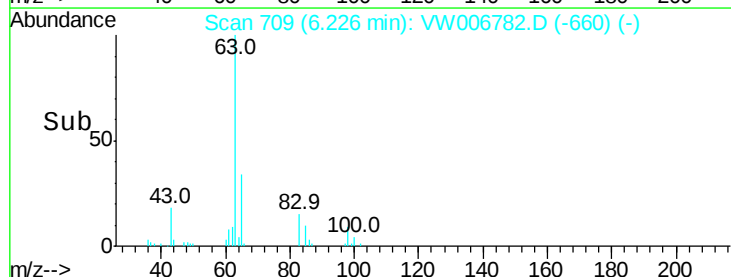
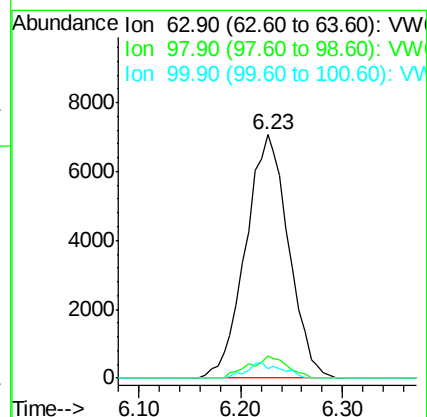
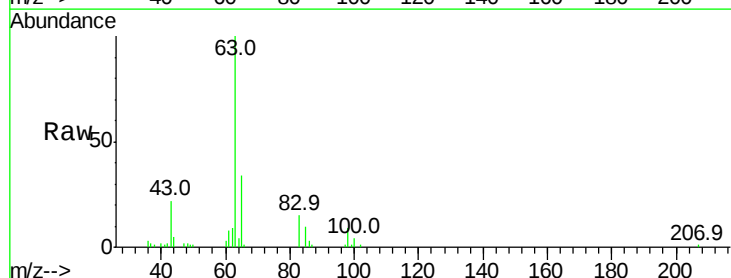
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

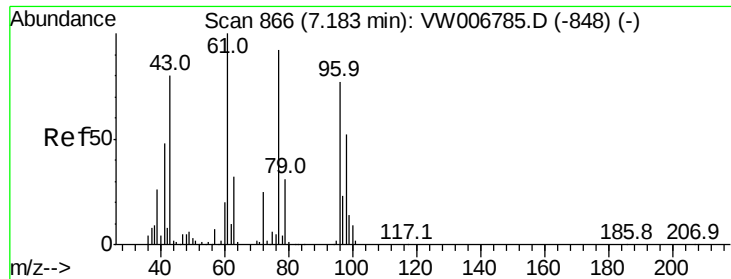
Tgt Ion: 43 Resp: 76425
 Ion Ratio Lower Upper
 43 100
 86 11.7 10.0 15.0



#24
 1,1-Dichloroethane
 Concen: 4.430 ug/l
 RT: 6.23 min Scan# 709
 Delta R.T. -0.00 min
 Lab File: VW006782.D
 Acq: 09 Nov 2018 12:16

Tgt Ion: 63 Resp: 20658
 Ion Ratio Lower Upper
 63 100
 98 9.1 4.0 12.2
 100 3.8 2.3 6.9





#25

2-Butanone

Concen: 21.672 ug/l

RT: 7.20 min Scan# 868

Delta R.T. 0.01 min

Lab File: VW006782.D

Acq: 09 Nov 2018 12:16

Instrument :

MSVOA_W

ClientSampleId :

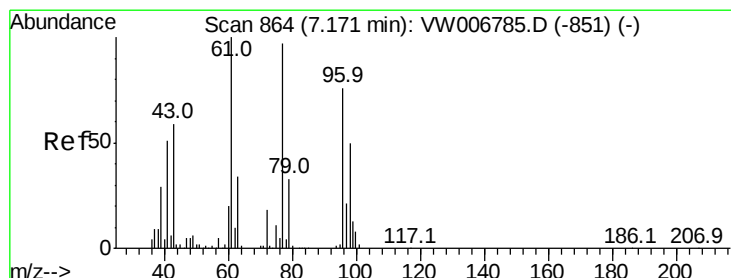
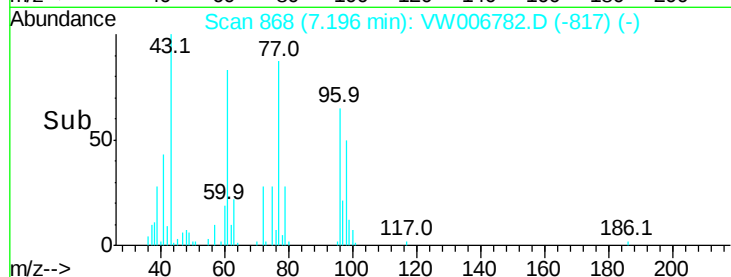
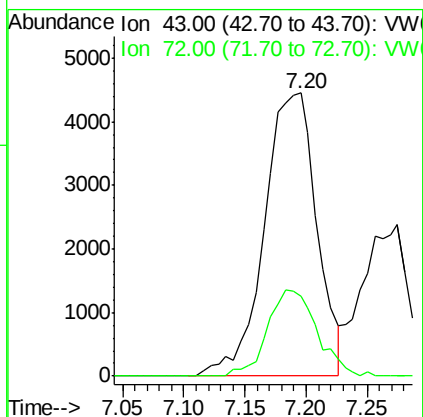
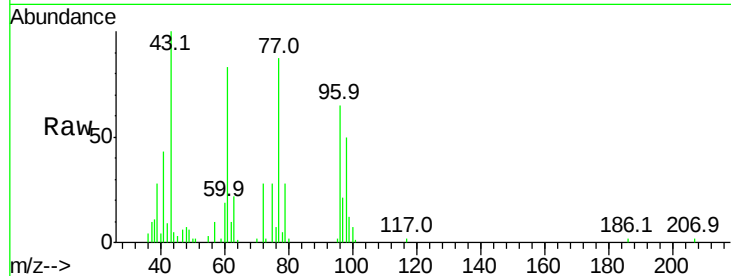
VSTDIC005

Tgt Ion: 43 Resp: 13303

Ion Ratio Lower Upper

43 100

72 28.0 24.5 36.7



#26

2,2-Dichloropropane

Concen: 7.695 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW006782.D

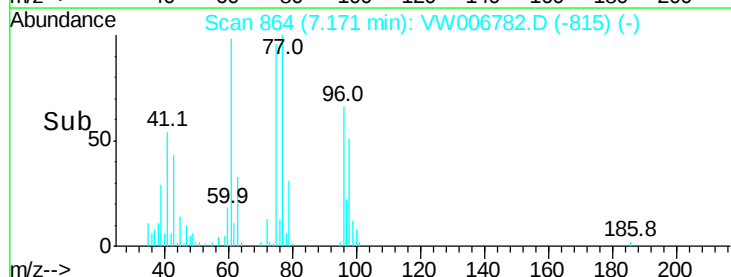
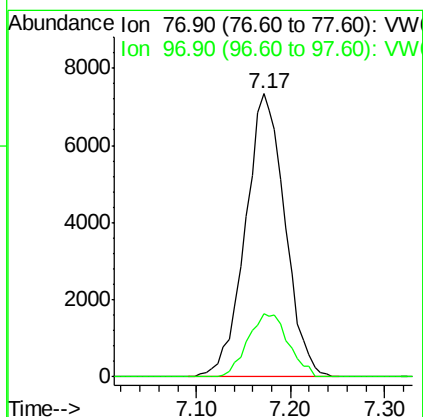
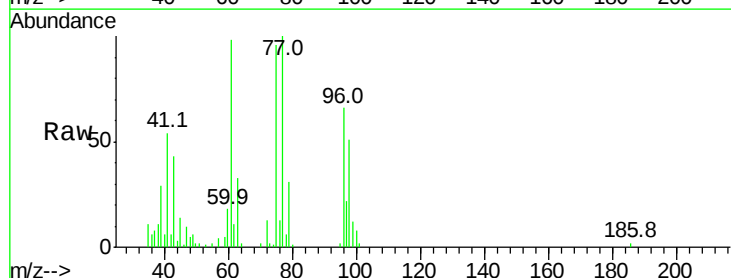
Acq: 09 Nov 2018 12:16

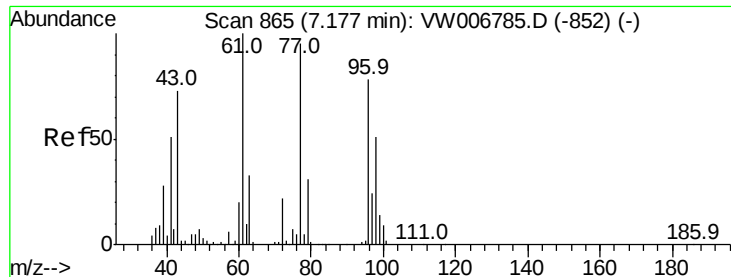
Tgt Ion: 77 Resp: 21615

Ion Ratio Lower Upper

77 100

97 22.8 11.9 35.5

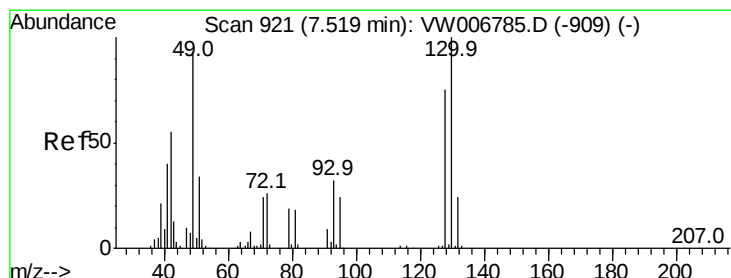
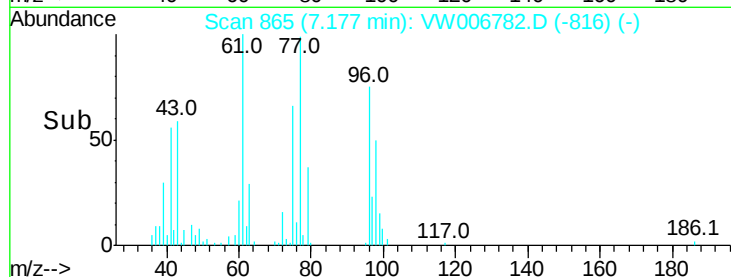
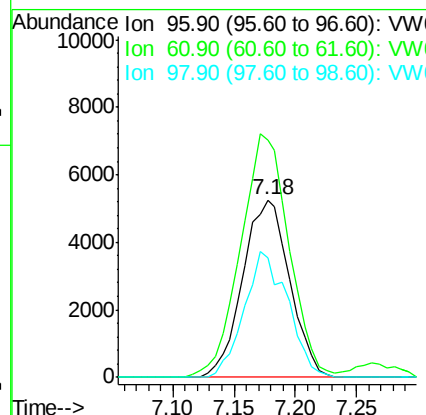
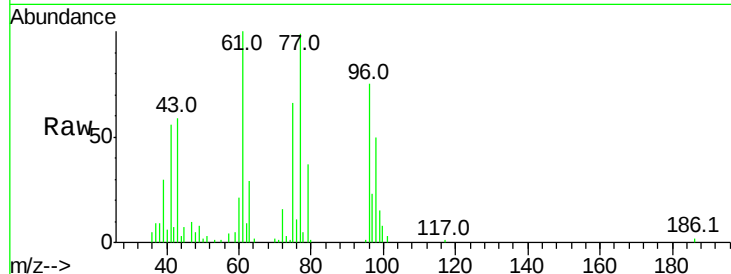




#27
 cis-1,2-Dichloroethene
 Concen: 4.374 ug/l
 RT: 7.18 min Scan# 865
 Delta R.T. -0.00 min
 Lab File: VW006782.D
 Acq: 09 Nov 2018 12:16

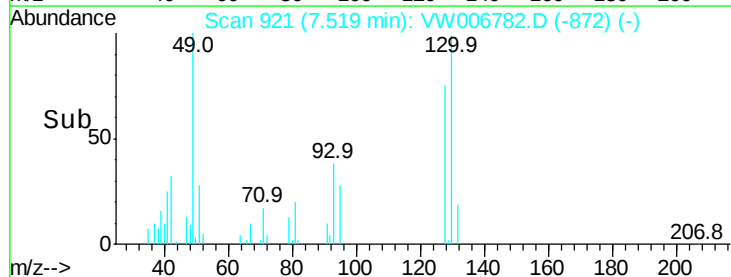
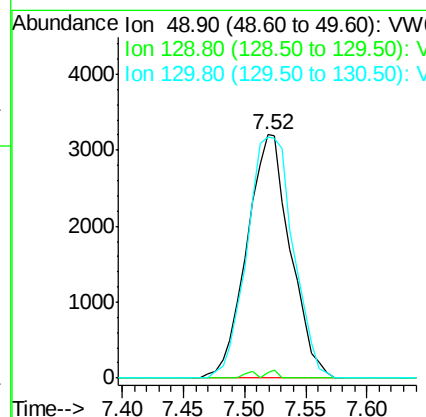
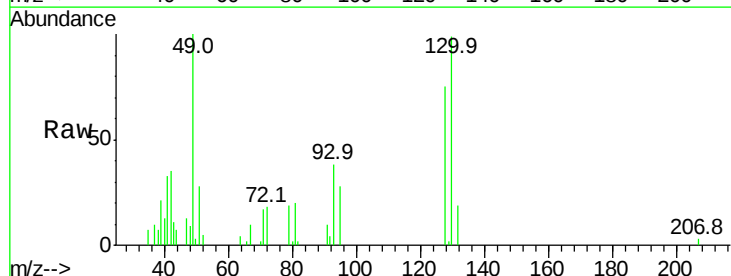
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

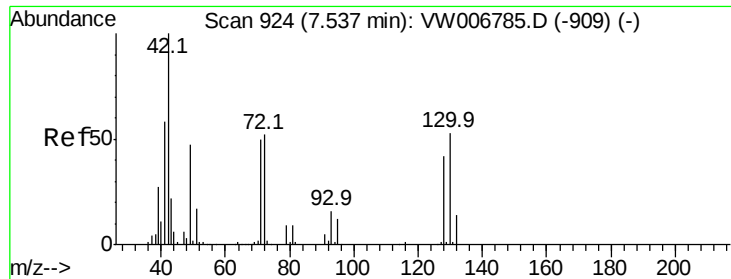
Tgt Ion: 96 Resp: 14001
 Ion Ratio Lower Upper
 96 100
 61 141.4 0.0 264.4
 98 65.7 0.0 130.0



#28
 Bromochloromethane
 Concen: 4.283 ug/l
 RT: 7.52 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: VW006782.D
 Acq: 09 Nov 2018 12:16

Tgt Ion: 49 Resp: 7931
 Ion Ratio Lower Upper
 49 100
 129 0.8 0.0 5.6
 130 104.6 81.5 122.3

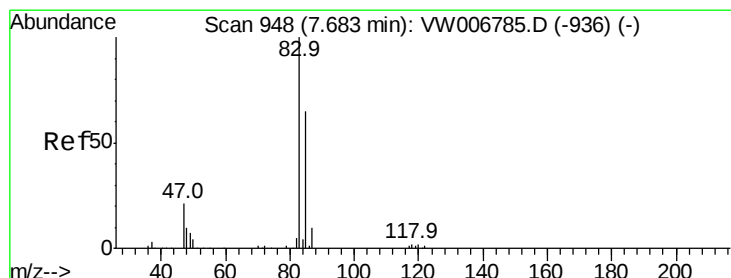
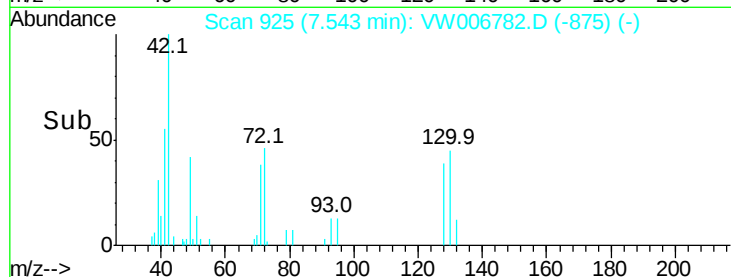
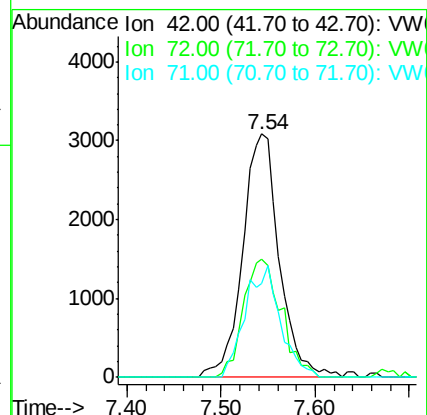
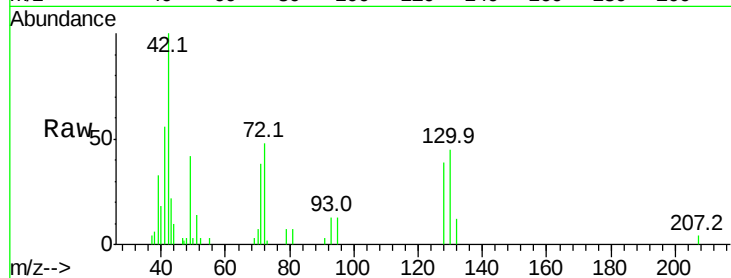




#29
Tetrahydrofuran
Concen: 21.726 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: VW006782.D
Acq: 09 Nov 2018 12:16

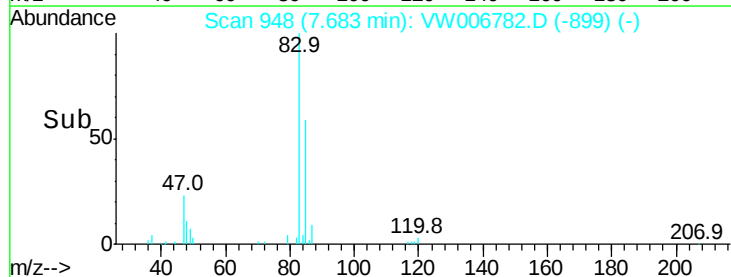
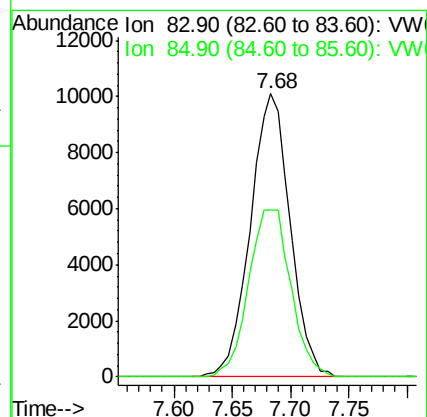
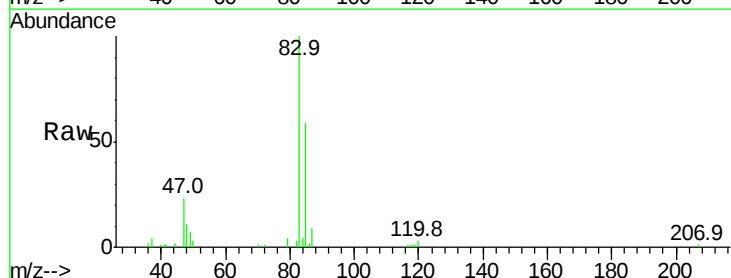
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

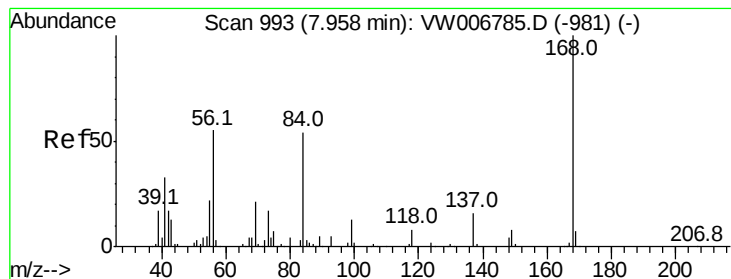
Tgt Ion: 42 Resp: 8388
Ion Ratio Lower Upper
42 100
72 50.1 39.8 59.8
71 43.9 37.8 56.6



#30
Chloroform
Concen: 4.716 ug/l
RT: 7.68 min Scan# 948
Delta R.T. -0.00 min
Lab File: VW006782.D
Acq: 09 Nov 2018 12:16

Tgt Ion: 83 Resp: 24109
Ion Ratio Lower Upper
83 100
85 59.0 52.1 78.1





#31

Cyclohexane

Concen: 5.683 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW006782.D

Acq: 09 Nov 2018 12:16

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

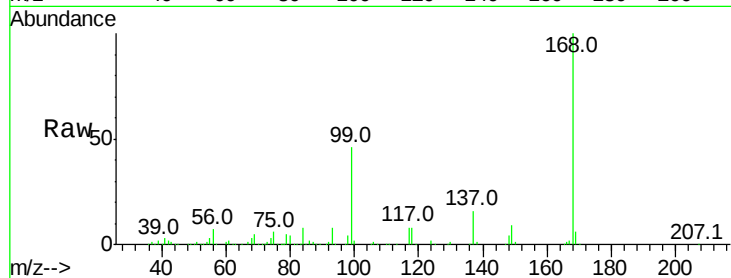
Tgt Ion: 56 Resp: 24118

Ion Ratio Lower Upper

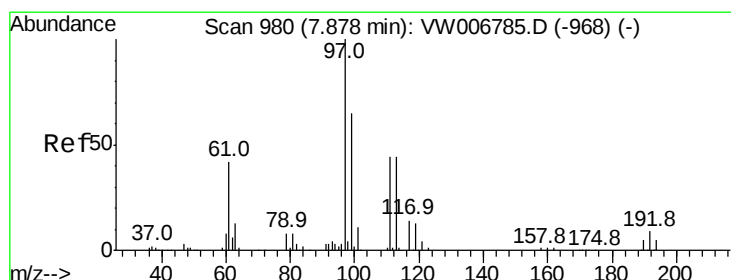
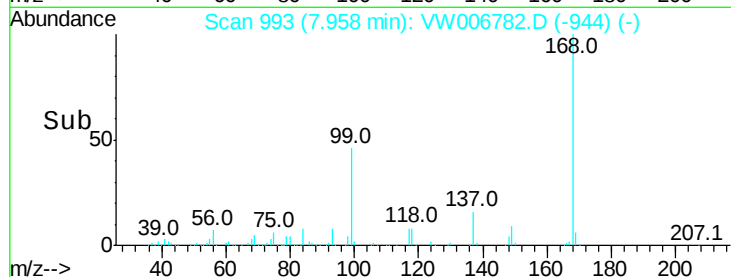
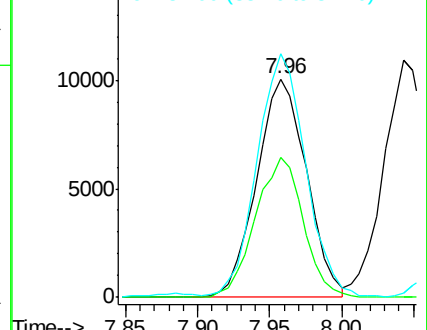
56 100

69 64.2 30.3 45.5#

84 110.4 78.2 117.2



Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW



#32

1,1,1-Trichloroethane

Concen: 5.301 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW006782.D

Acq: 09 Nov 2018 12:16

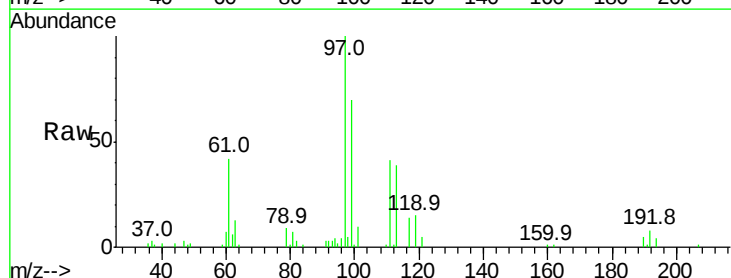
Tgt Ion: 97 Resp: 22931

Ion Ratio Lower Upper

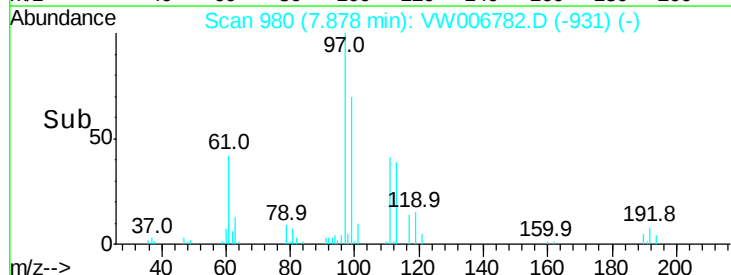
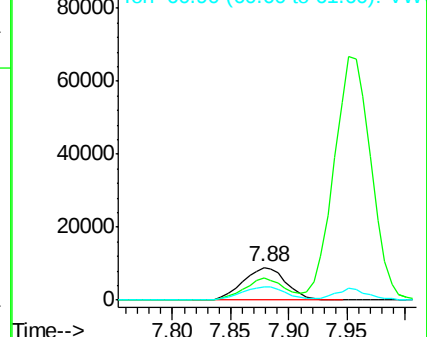
97 100

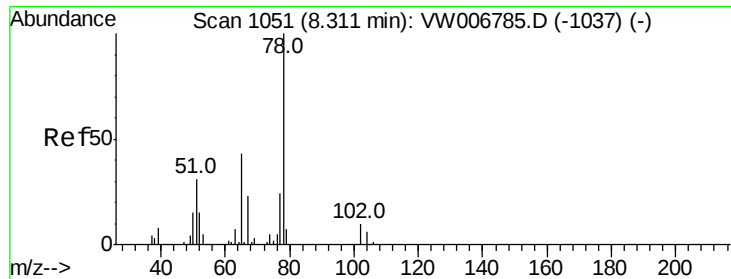
99 63.3 51.4 77.2

61 42.2 32.7 49.1



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW

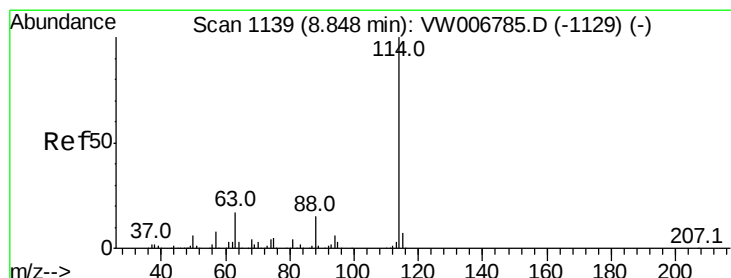
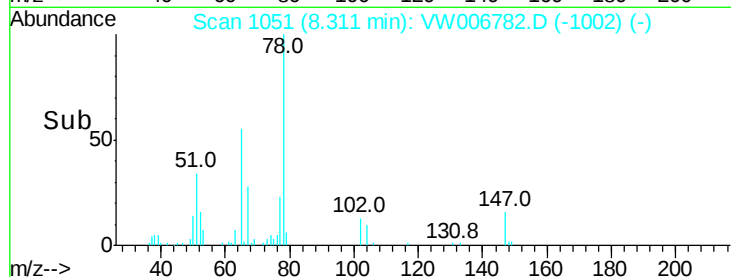
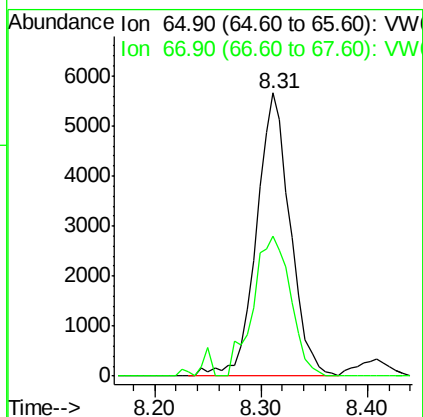
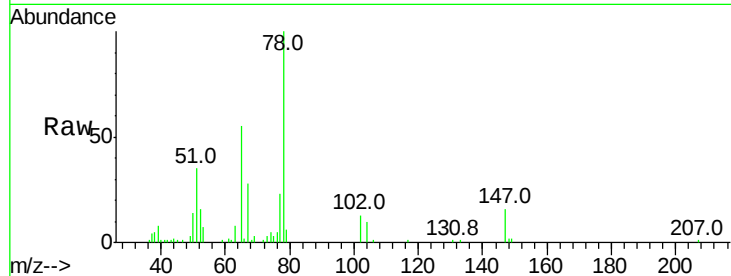




#33
 1,2-Dichloroethane-d4
 Concen: 4.697 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW006782.D
 Acq: 09 Nov 2018 12:16

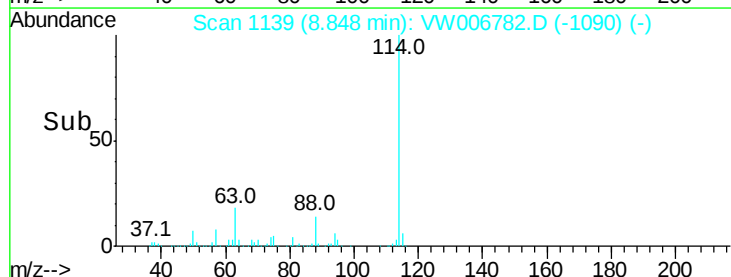
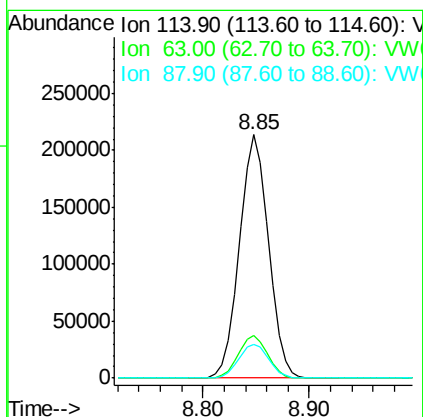
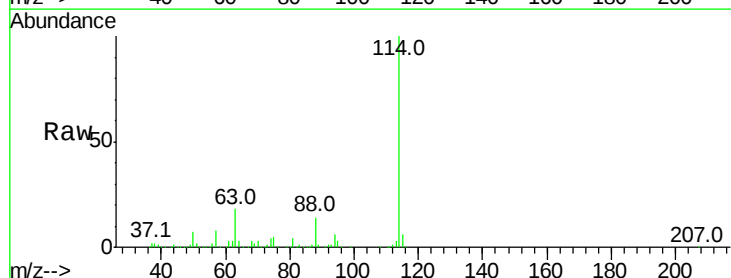
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

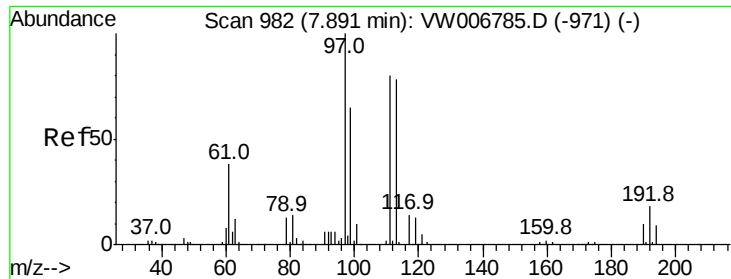
Tgt Ion: 65 Resp: 12515
 Ion Ratio Lower Upper
 65 100
 67 55.4 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006782.D
 Acq: 09 Nov 2018 12:16

Tgt Ion: 114 Resp: 410662
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 34.0
 88 14.1 0.0 29.2

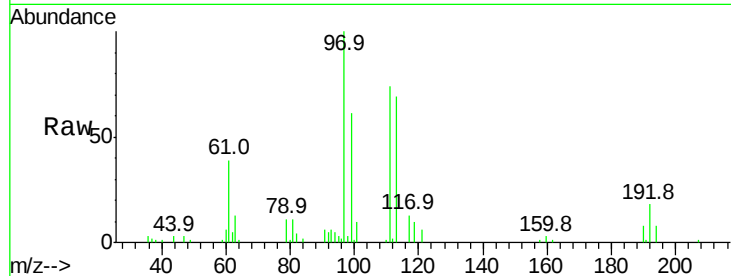




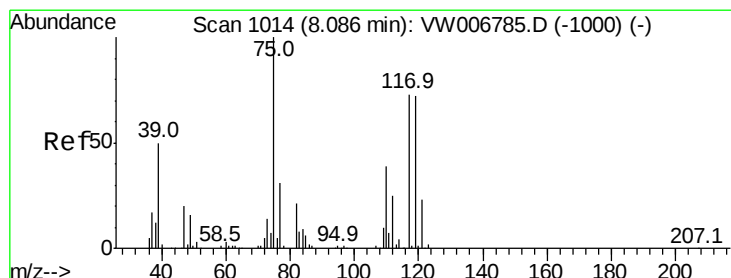
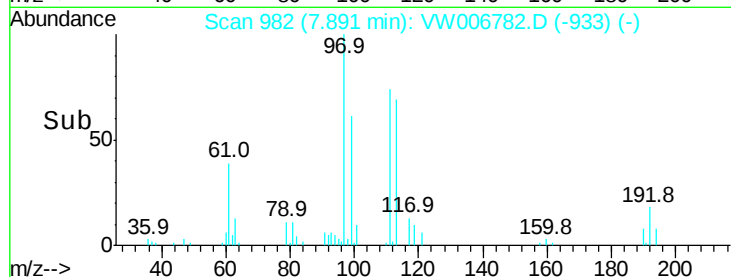
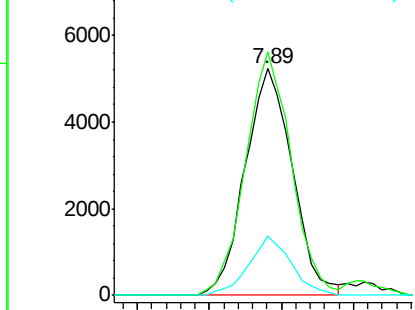
#35
 Dibromofluoromethane
 Concen: 4.627 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW006782.D
 Acq: 09 Nov 2018 12:16

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tgt Ion:113 Resp: 11926
 Ion Ratio Lower Upper
 113 100
 111 103.7 81.4 122.2
 192 23.4 19.1 28.7

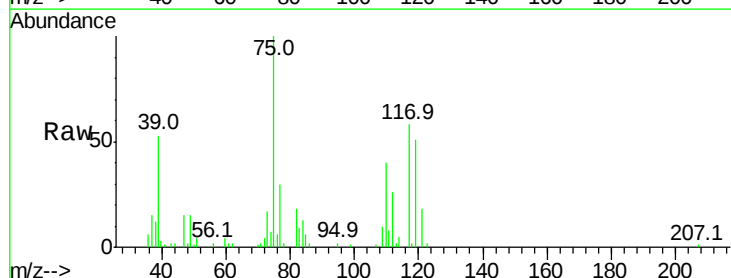


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

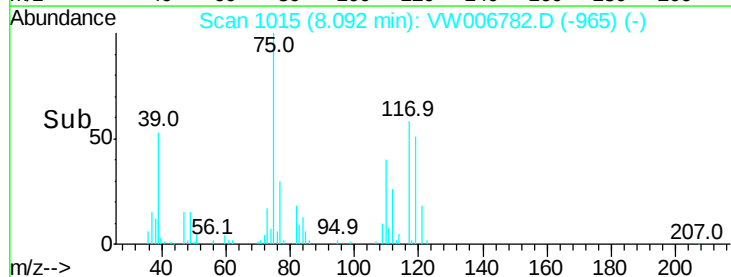
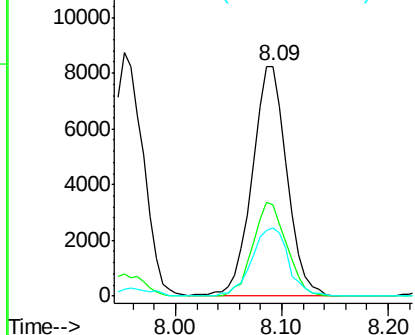


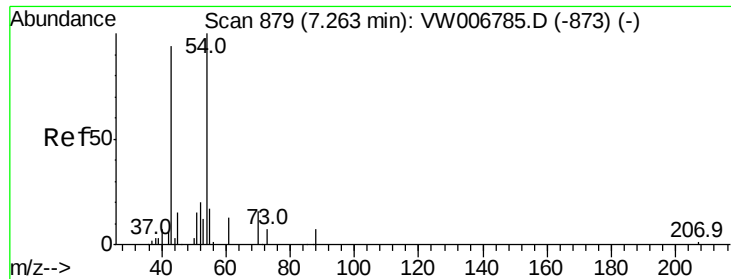
#36
 1,1-Dichloropropene
 Concen: 5.238 ug/l
 RT: 8.09 min Scan# 1015
 Delta R.T. 0.01 min
 Lab File: VW006782.D
 Acq: 09 Nov 2018 12:16

Tgt Ion: 75 Resp: 18918
 Ion Ratio Lower Upper
 75 100
 110 39.6 19.6 58.7
 77 31.0 24.9 37.3



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

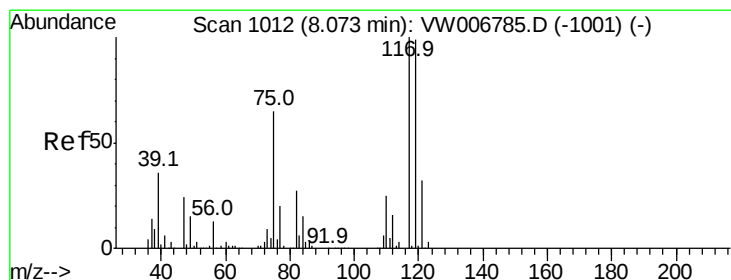
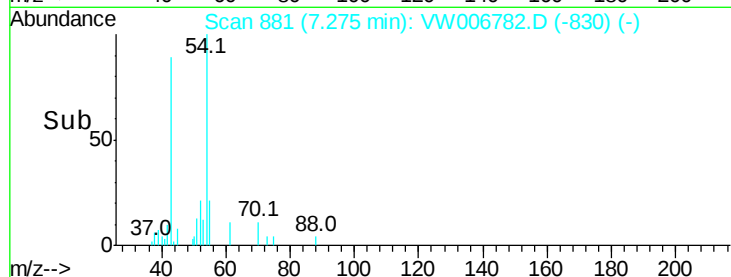
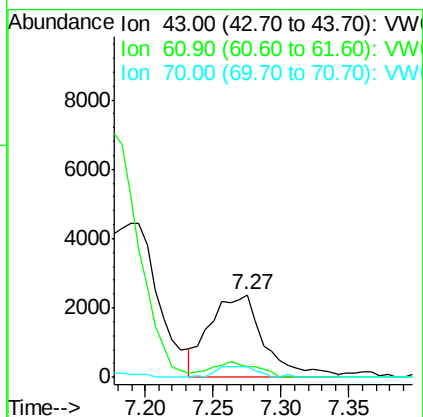
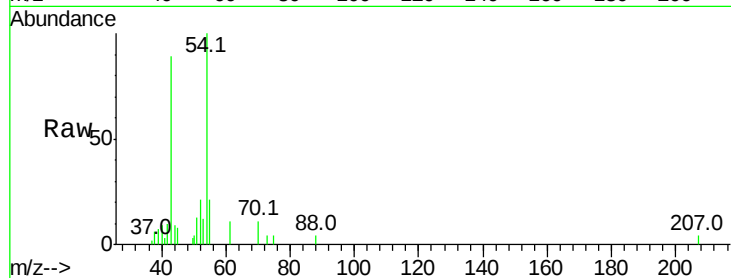




#37
Ethyl Acetate
Concen: 5.318 ug/l
RT: 7.27 min Scan# 881
Delta R.T. 0.01 min
Lab File: VW006782.D
Acq: 09 Nov 2018 12:16

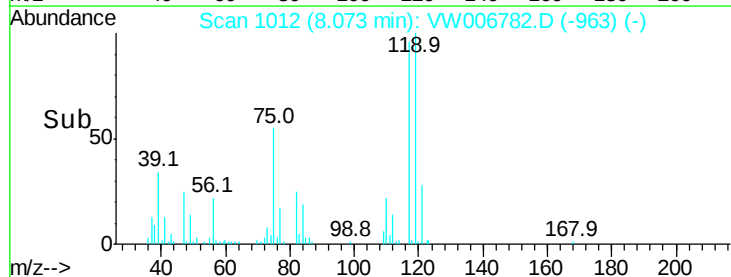
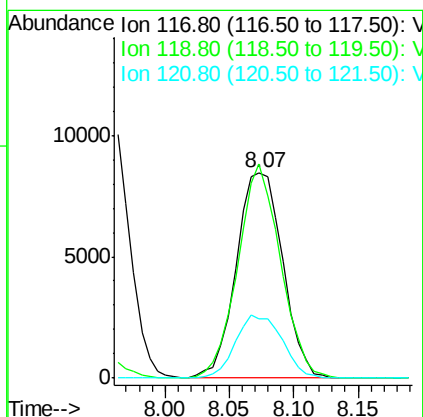
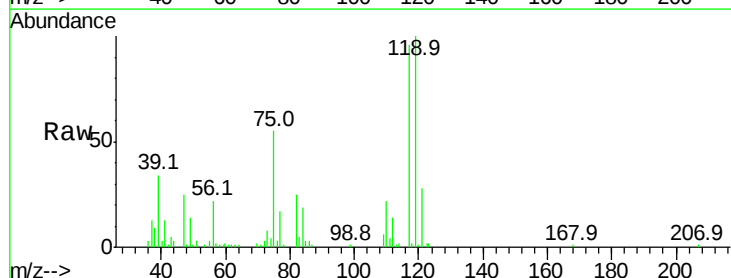
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

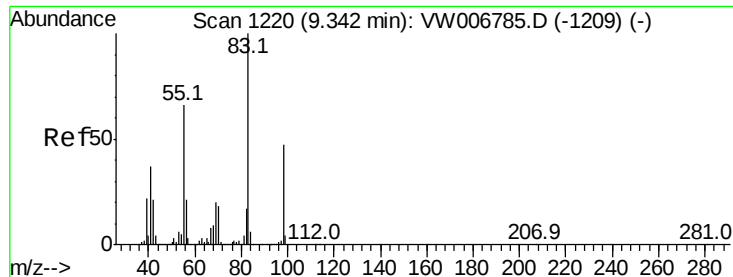
Tgt Ion: 43 Resp: 6656
Ion Ratio Lower Upper
43 100
61 15.6 12.2 18.2
70 9.6 9.8 14.8#



#38
Carbon Tetrachloride
Concen: 5.603 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VW006782.D
Acq: 09 Nov 2018 12:16

Tgt Ion: 117 Resp: 21142
Ion Ratio Lower Upper
117 100
119 104.1 78.9 118.3
121 28.7 25.3 37.9

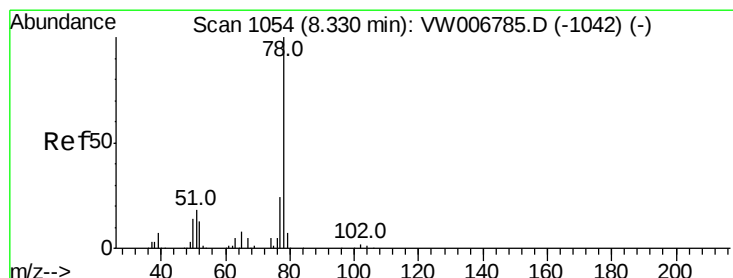
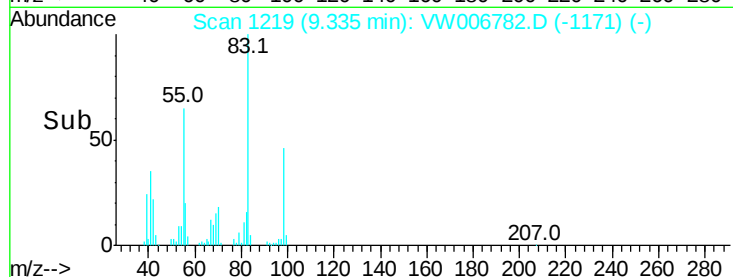
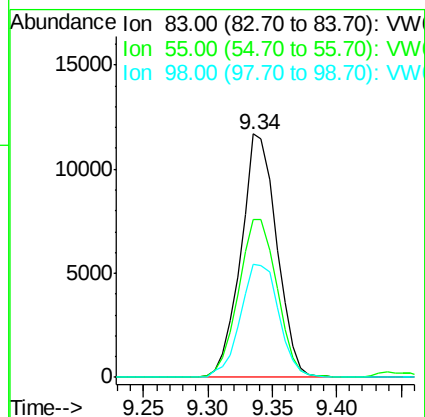
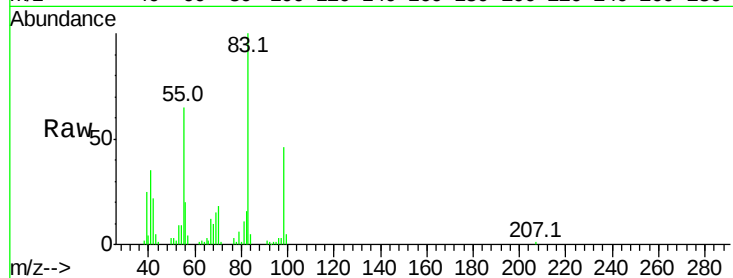




#39
Methylcyclohexane
Concen: 4.910 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006782.D
Acq: 09 Nov 2018 12:16

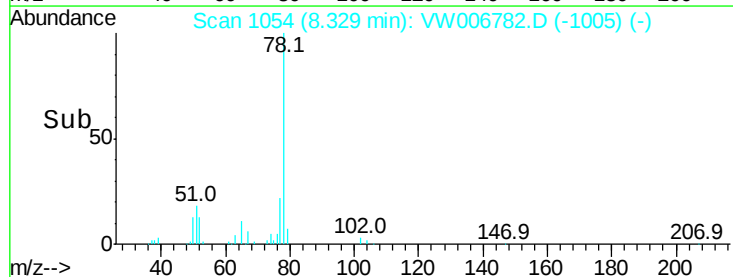
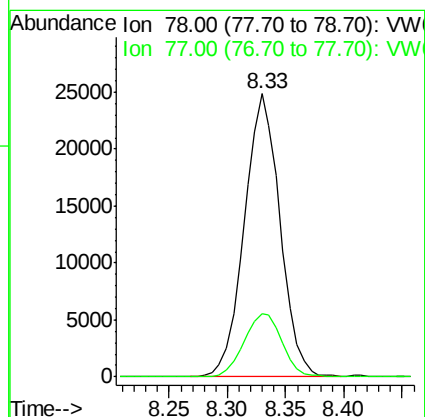
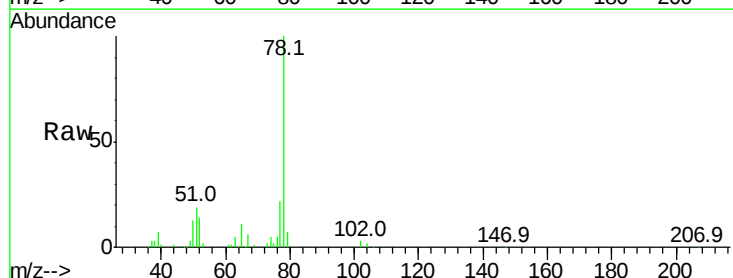
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

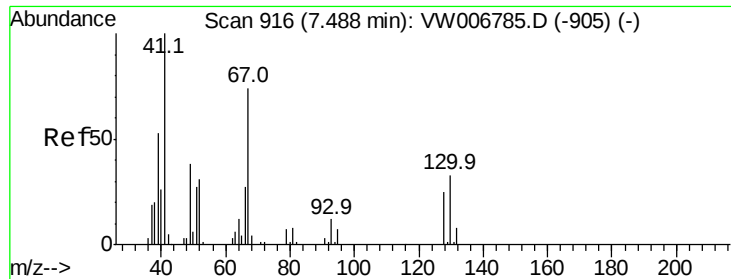
Tgt Ion	Ratio	Lower	Upper
83	100		
55	65.0	53.0	79.4
98	46.2	37.9	56.9



#40
Benzene
Concen: 5.181 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW006782.D
Acq: 09 Nov 2018 12:16

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.4	19.4	29.2

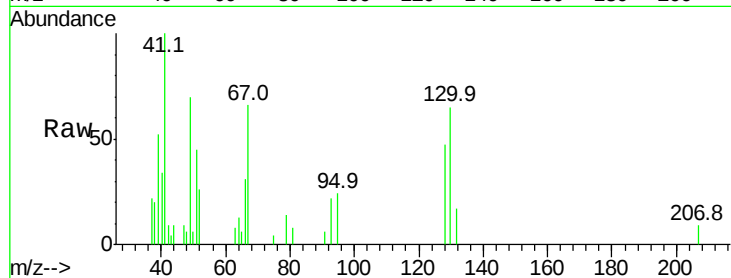




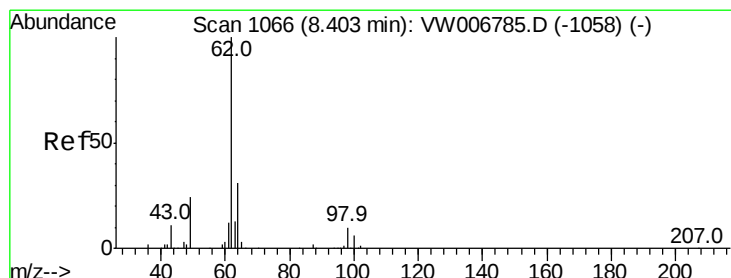
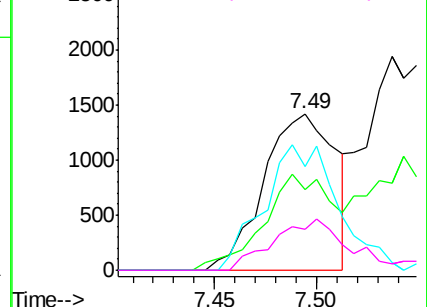
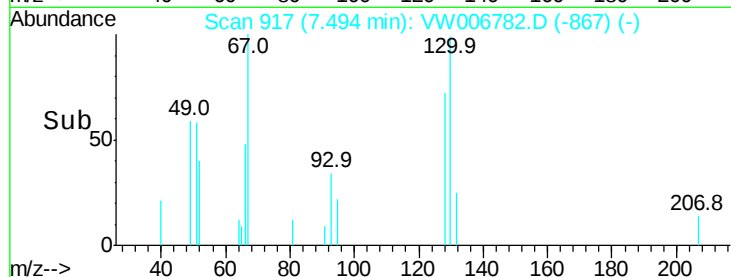
#41
Methacrylonitrile
Concen: 4.550 ug/l
RT: 7.49 min Scan# 917
Delta R.T. 0.01 min
Lab File: VW006782.D
Acq: 09 Nov 2018 12:16

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion:	41	Resp:	3492
Ion	Ratio	Lower	Upper
41	100		
39	58.3	49.3	73.9
67	82.8	69.3	103.9
52	34.9	28.2	42.4

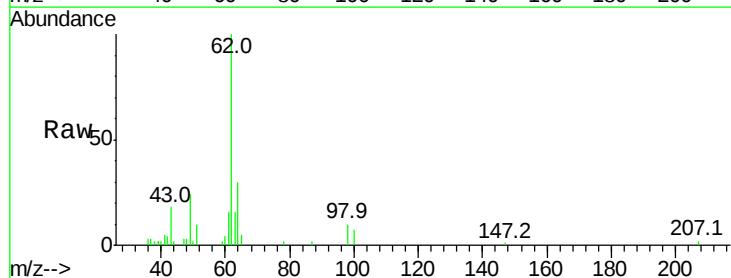


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

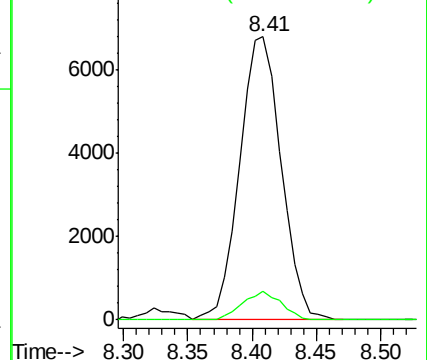
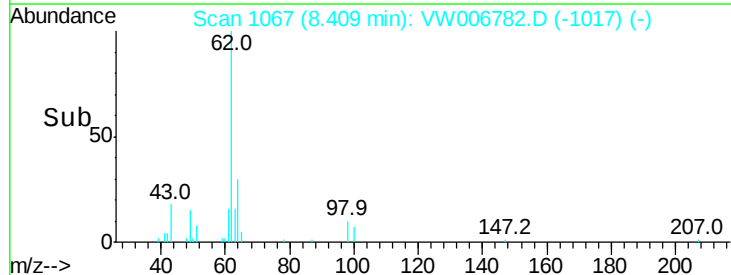


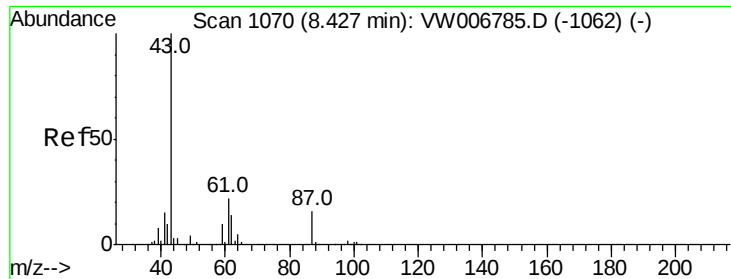
#42
1,2-Dichloroethane
Concen: 5.151 ug/l
RT: 8.41 min Scan# 1067
Delta R.T. 0.01 min
Lab File: VW006782.D
Acq: 09 Nov 2018 12:16

Tgt Ion:	62	Resp:	15152
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	19.4



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

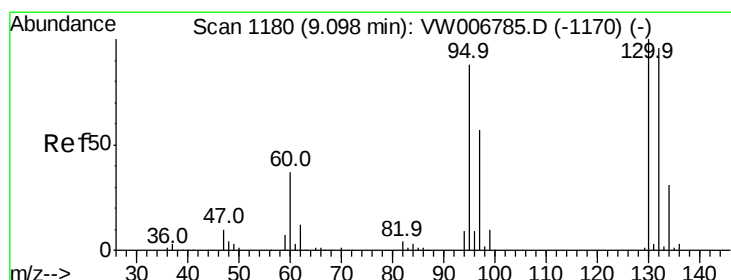
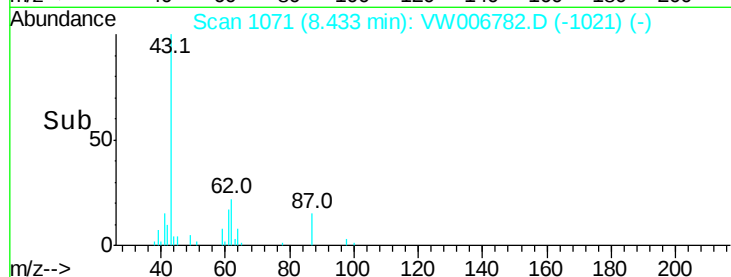
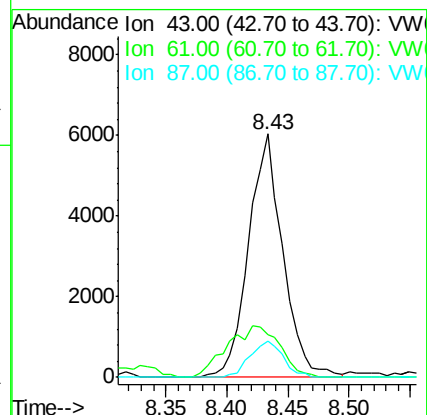
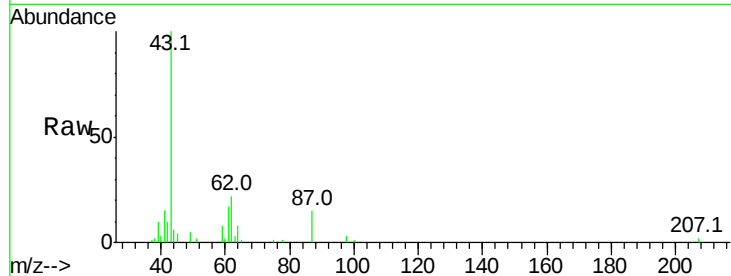




#43
Isopropyl Acetate
Concen: 4.725 ug/l
RT: 8.43 min Scan# 1071
Delta R.T. 0.01 min
Lab File: VW006782.D
Acq: 09 Nov 2018 12:16

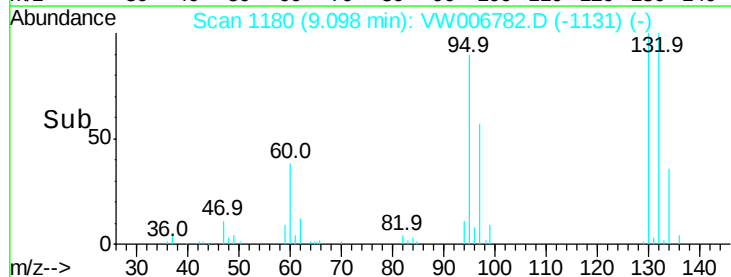
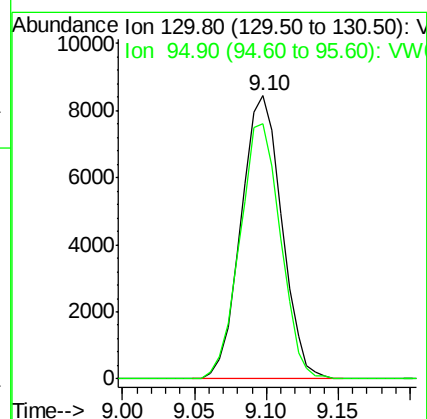
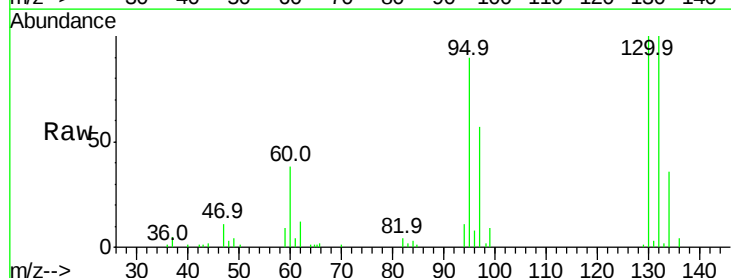
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

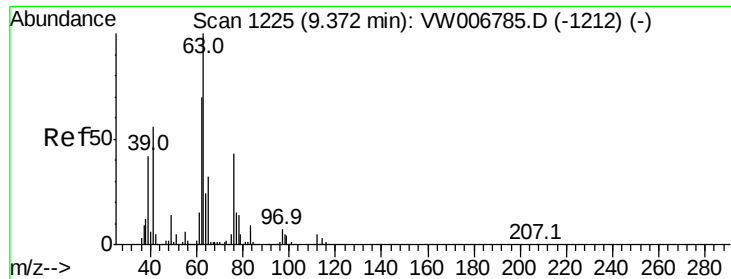
Tgt Ion: 43 Resp: 11800
Ion Ratio Lower Upper
43 100
61 32.5 26.5 39.7
87 14.4 12.8 19.2



#44
Trichloroethene
Concen: 5.223 ug/l
RT: 9.10 min Scan# 1180
Delta R.T. -0.00 min
Lab File: VW006782.D
Acq: 09 Nov 2018 12:16

Tgt Ion: 130 Resp: 16534
Ion Ratio Lower Upper
130 100
95 90.0 0.0 175.0

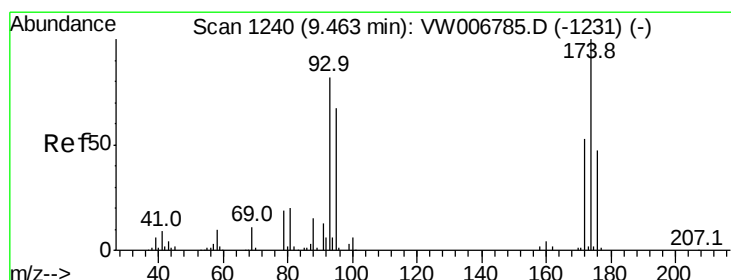
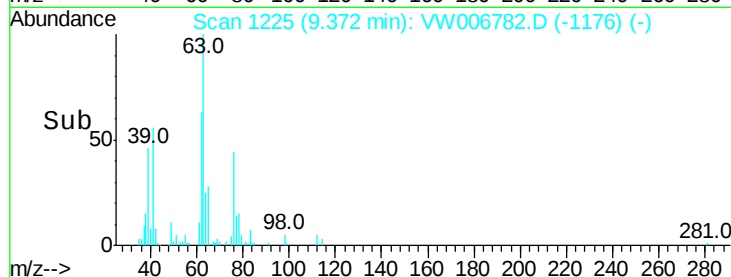
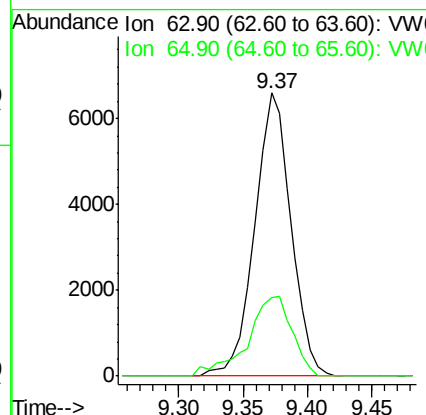
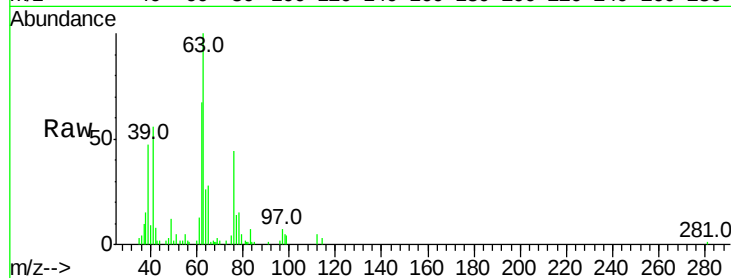




#45
 1,2-Dichloropropane
 Concen: 5.372 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW006782.D
 Acq: 09 Nov 2018 12:16

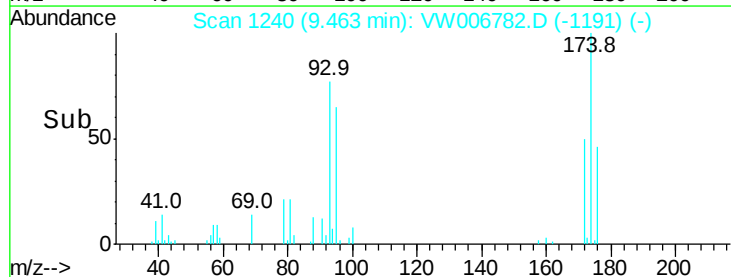
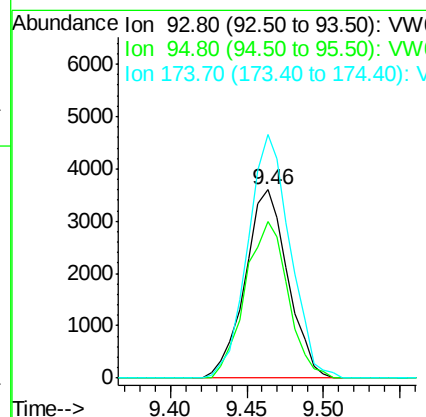
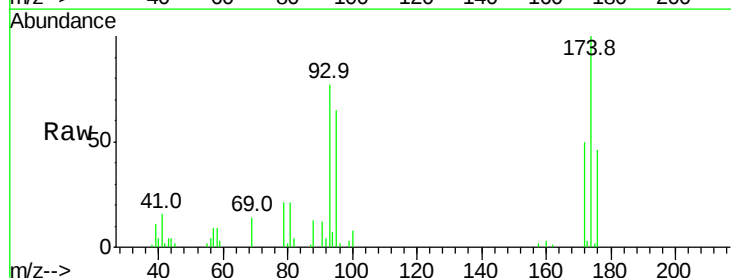
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

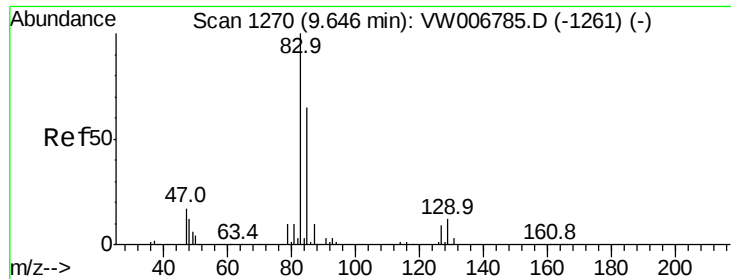
Tgt Ion: 63 Resp: 12824
 Ion Ratio Lower Upper
 63 100
 65 27.6 25.5 38.3



#46
 Dibromomethane
 Concen: 4.969 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW006782.D
 Acq: 09 Nov 2018 12:16

Tgt Ion: 93 Resp: 6973
 Ion Ratio Lower Upper
 93 100
 95 83.1 65.4 98.0
 174 128.2 96.4 144.6





#47

Bromodichloromethane

Concen: 5.377 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW006782.D

Acq: 09 Nov 2018 12:16

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

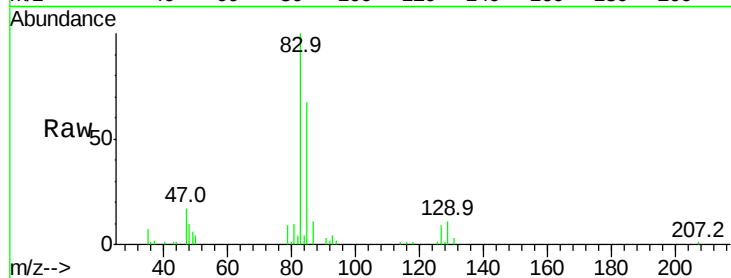
Tgt Ion: 83 Resp: 17520

Ion Ratio Lower Upper

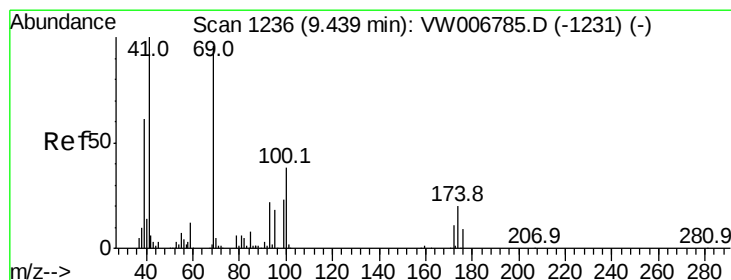
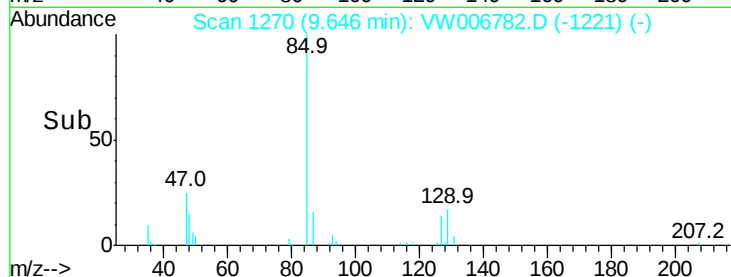
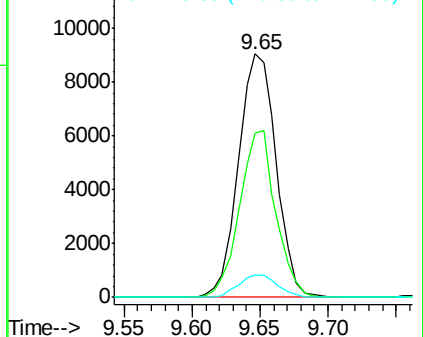
83 100

85 67.2 51.6 77.4

127 9.3 7.4 11.2



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): V



#48

Methyl methacrylate

Concen: 4.271 ug/l

RT: 9.45 min Scan# 1237

Delta R.T. 0.01 min

Lab File: VW006782.D

Acq: 09 Nov 2018 12:16

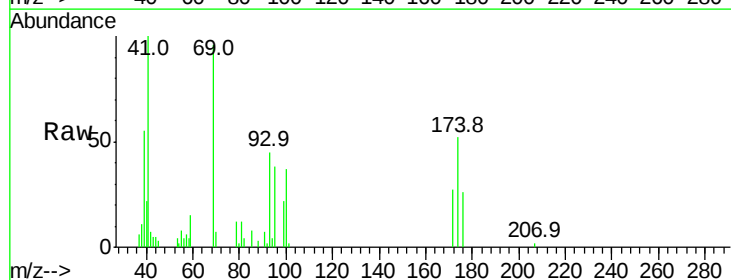
Tgt Ion: 41 Resp: 5139

Ion Ratio Lower Upper

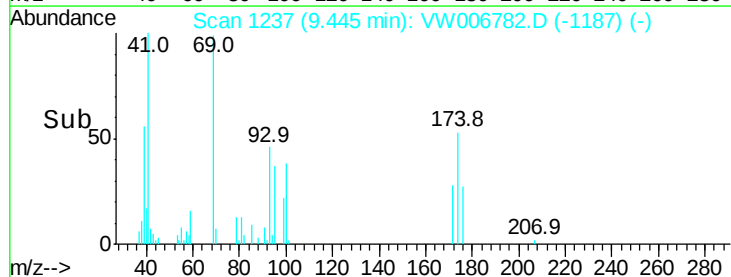
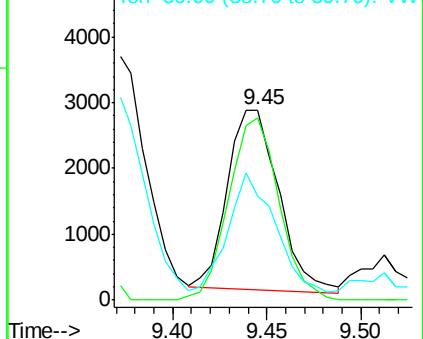
41 100

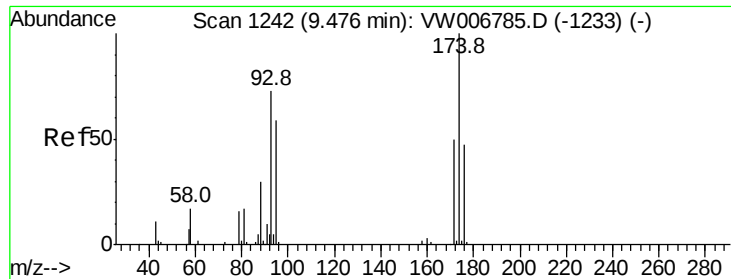
69 99.9 81.5 122.3

39 70.9 48.0 72.0



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

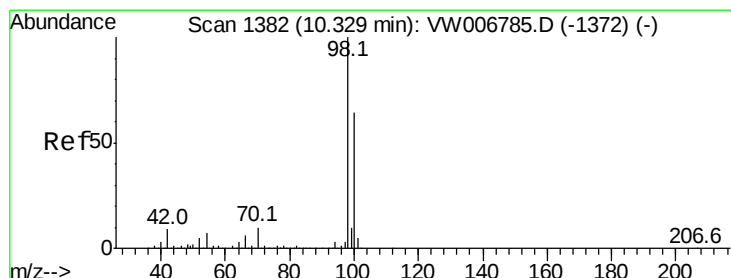
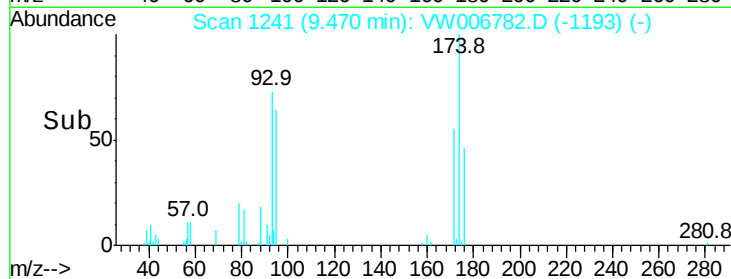
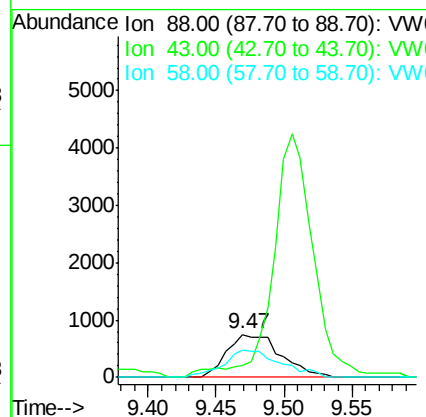
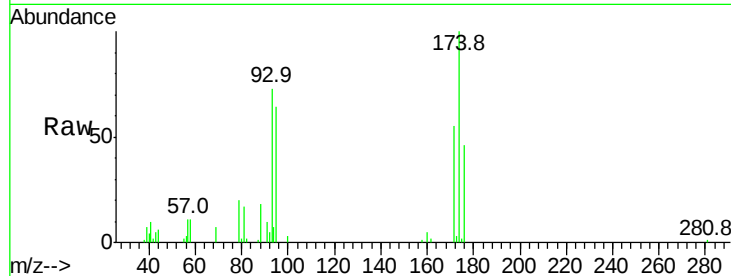




#49
1,4-Dioxane
Concen: 100.845 ug/l
RT: 9.47 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VW006782.D
Acq: 09 Nov 2018 12:16

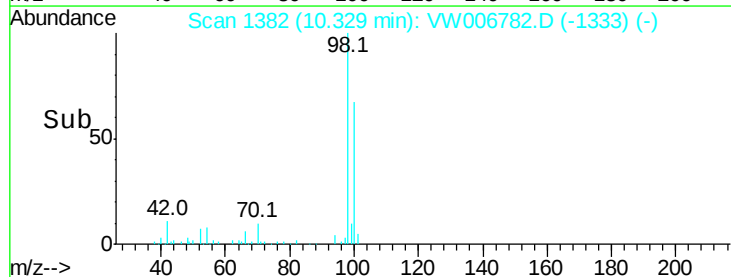
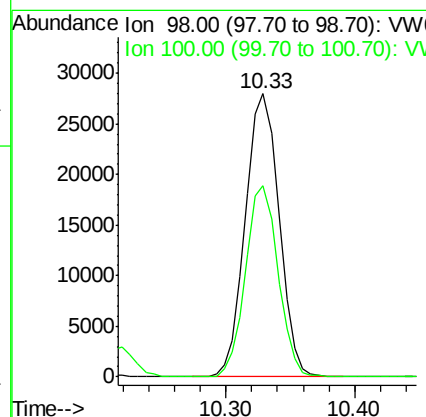
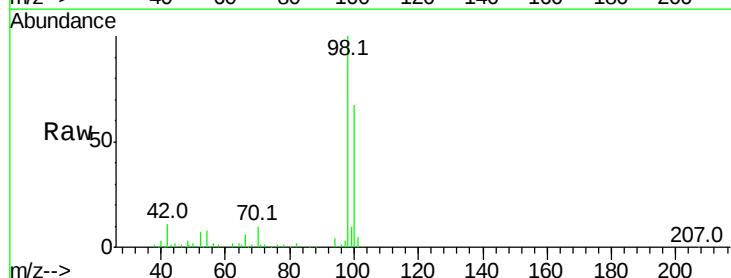
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

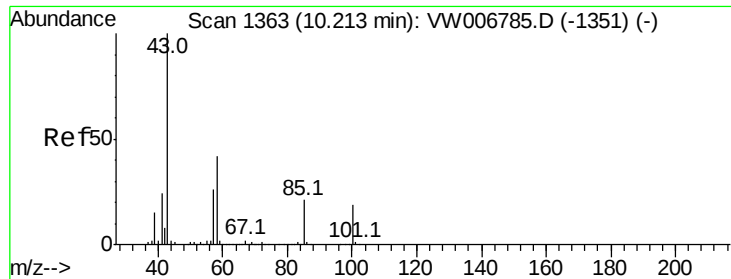
Tgt Ion: 88 Resp: 2071
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 67.7 53.7 80.5



#50
Toluene-d8
Concen: 5.163 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006782.D
Acq: 09 Nov 2018 12:16

Tgt Ion: 98 Resp: 50651
Ion Ratio Lower Upper
98 100
100 65.1 51.4 77.0

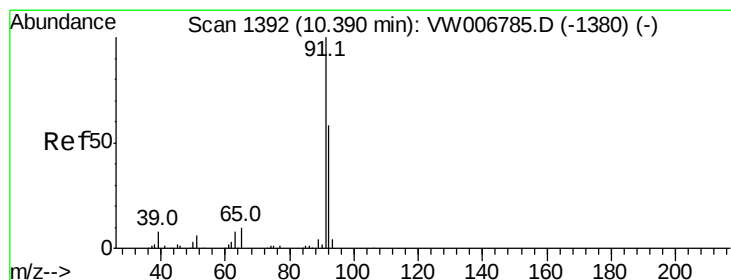
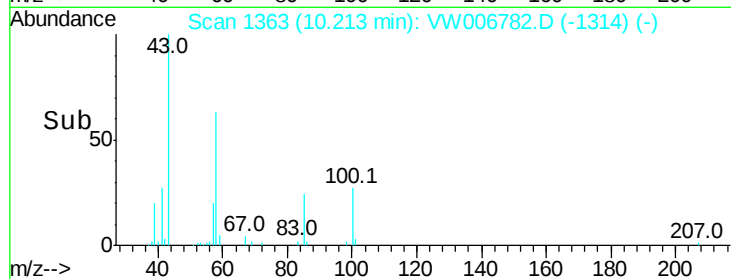
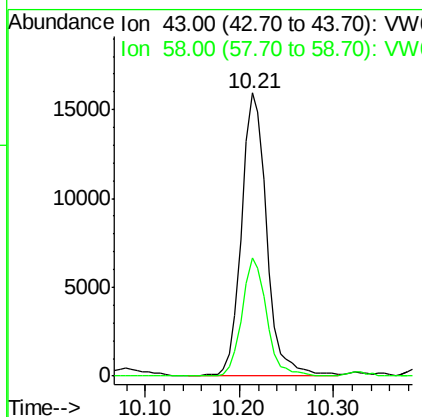
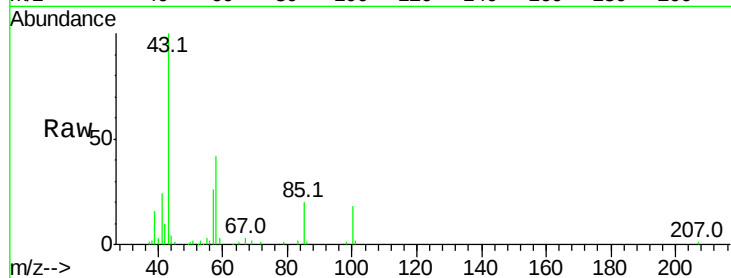




#51
 4-Methyl-2-Pentanone
 Concen: 23.309 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW006782.D
 Acq: 09 Nov 2018 12:16

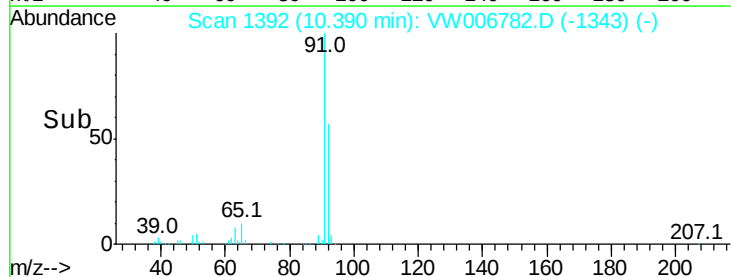
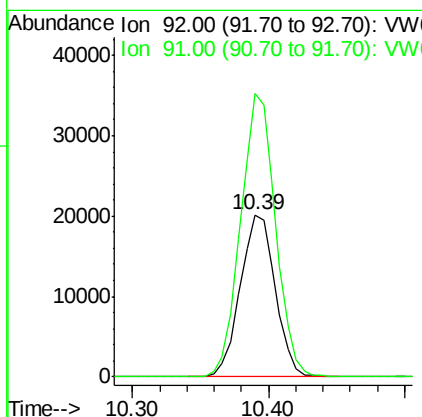
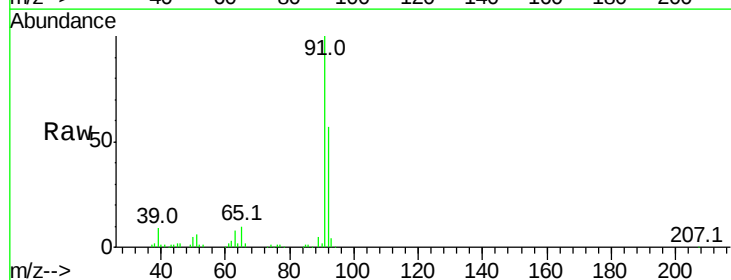
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

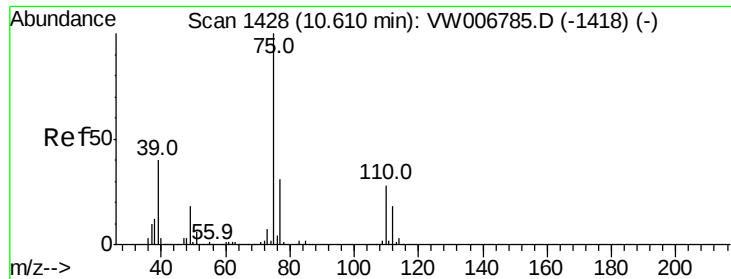
Tgt Ion: 43 Resp: 29896
 Ion Ratio Lower Upper
 43 100
 58 40.6 33.2 49.8



#52
 Toluene
 Concen: 5.260 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW006782.D
 Acq: 09 Nov 2018 12:16

Tgt Ion: 92 Resp: 36191
 Ion Ratio Lower Upper
 92 100
 91 173.9 138.6 207.8





#53

t-1,3-Dichloropropene

Concen: 4.656 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW006782.D

Acq: 09 Nov 2018 12:16

Instrument :

MSVOA_W

ClientSampleId :

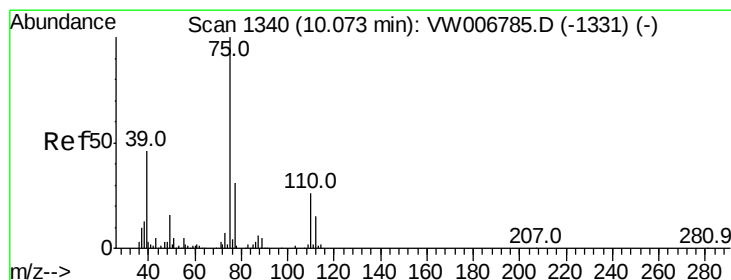
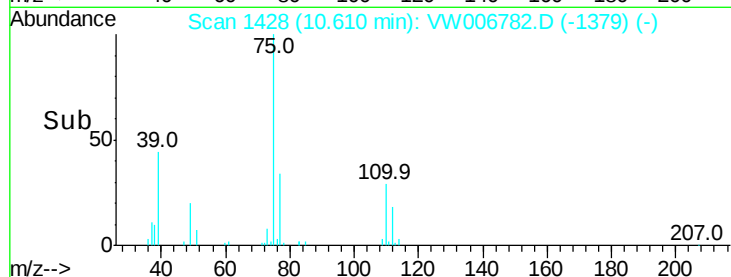
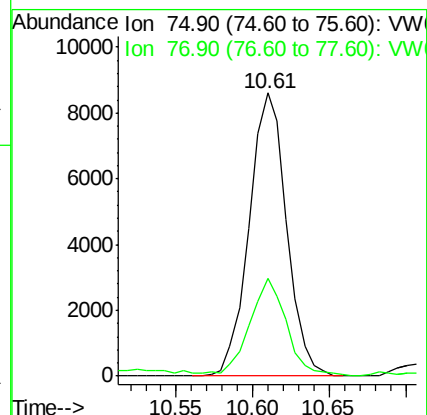
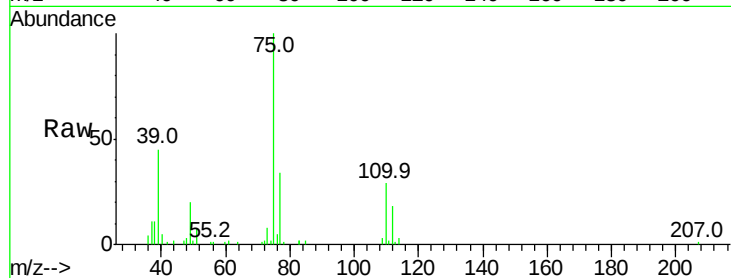
VSTDIC005

Tgt Ion: 75 Resp: 14601

Ion Ratio Lower Upper

75 100

77 33.8 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 4.970 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW006782.D

Acq: 09 Nov 2018 12:16

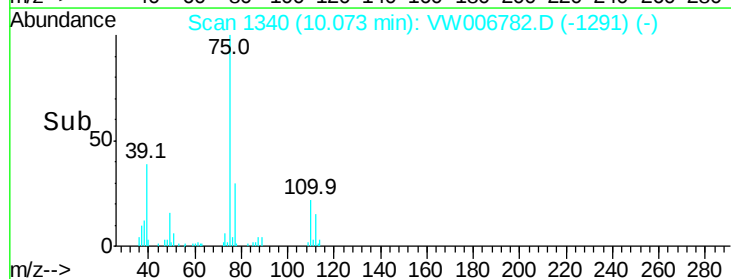
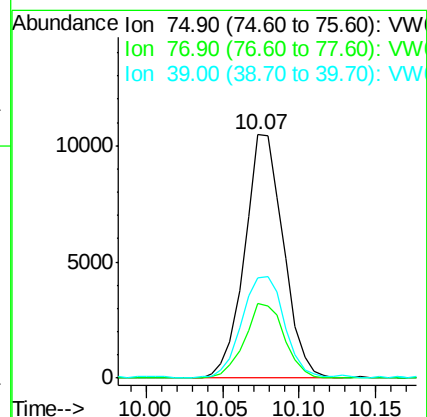
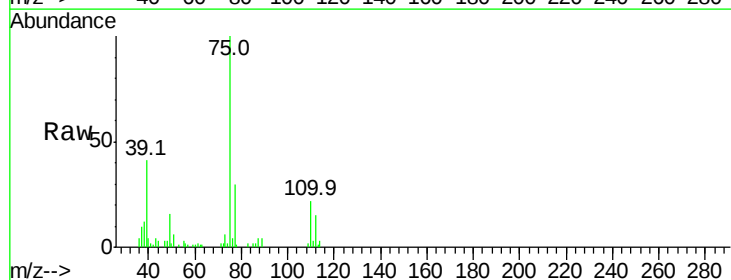
Tgt Ion: 75 Resp: 18415

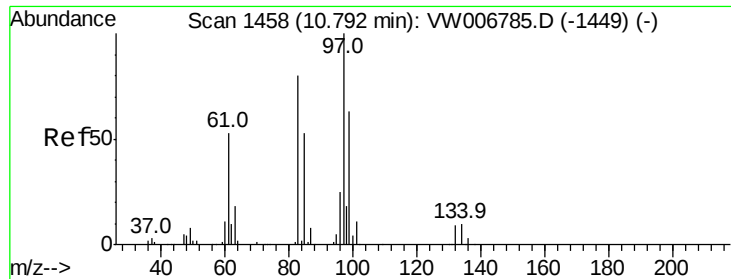
Ion Ratio Lower Upper

75 100

77 30.4 24.6 37.0

39 41.3 37.1 55.7

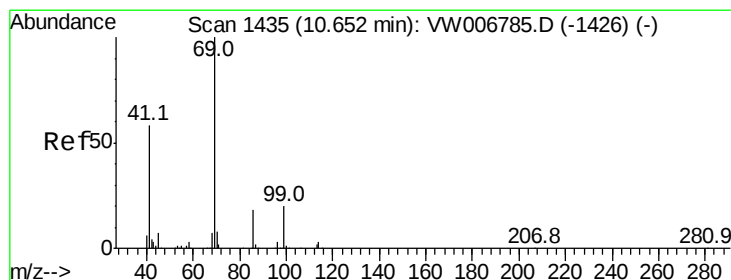
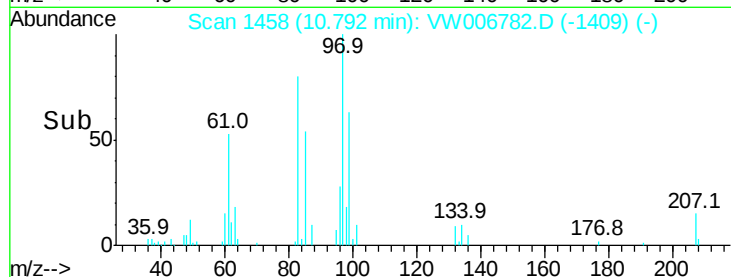
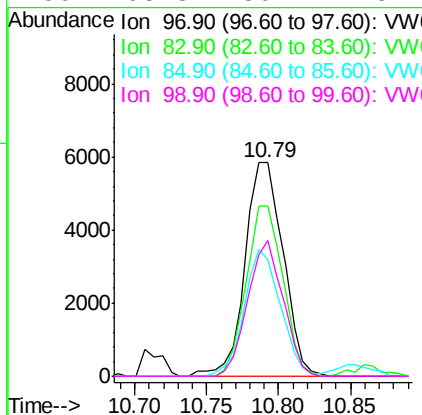
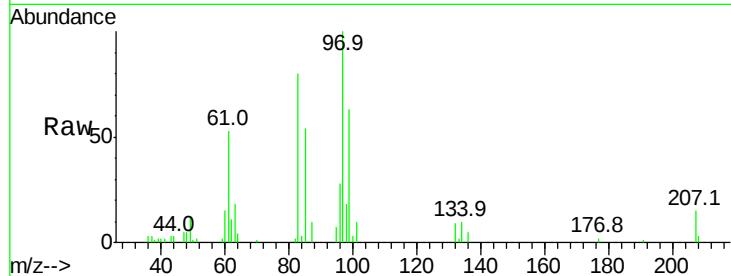




#55
 1,1,2-Trichloroethane
 Concen: 5.359 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW006782.D
 Acq: 09 Nov 2018 12:16

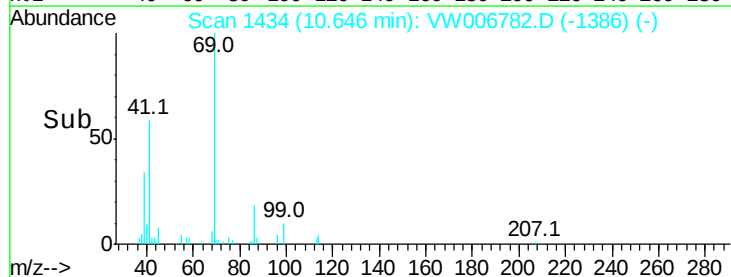
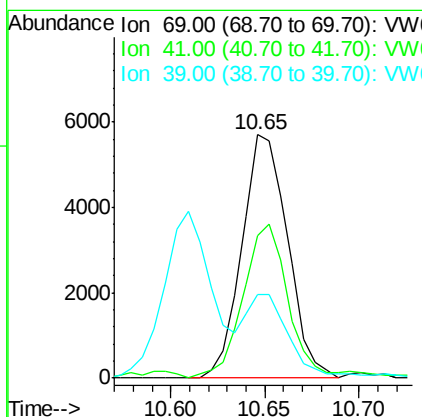
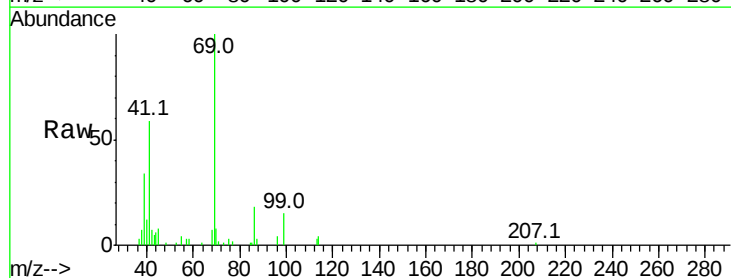
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

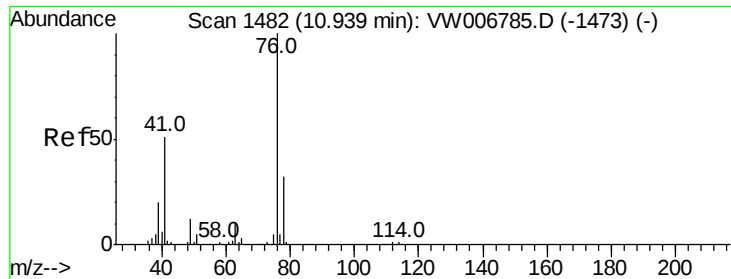
Tgt Ion:	97	Resp:	10670
Ion	Ratio	Lower	Upper
97	100		
83	79.9	64.4	96.6
85	54.4	42.6	63.8
99	63.3	50.2	75.2



#56
 Ethyl methacrylate
 Concen: 4.240 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: VW006782.D
 Acq: 09 Nov 2018 12:16

Tgt Ion:	69	Resp:	9596
Ion	Ratio	Lower	Upper
69	100		
41	61.9	47.2	70.8
39	34.5	23.4	35.0

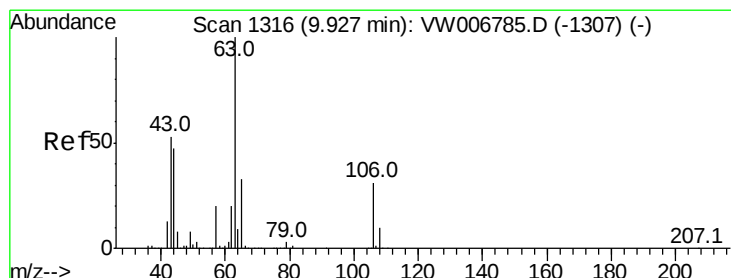
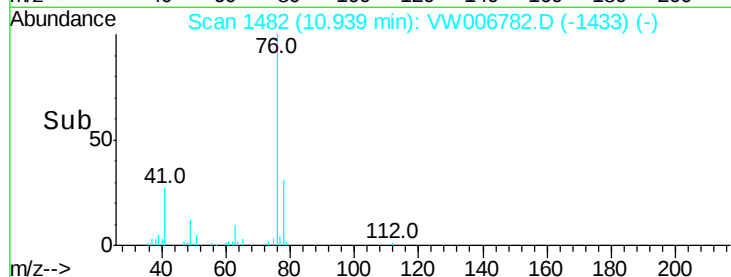
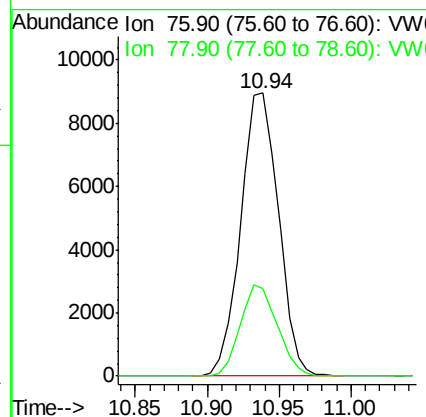
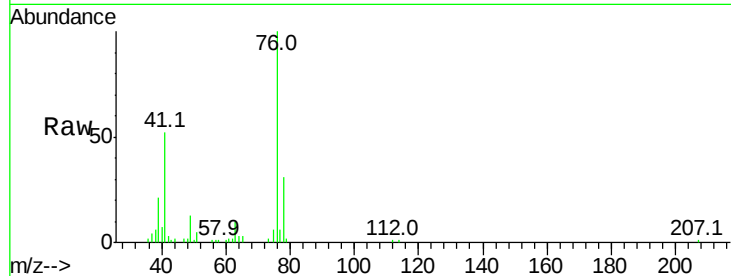




#57
 1,3-Dichloropropane
 Concen: 5.046 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. -0.00 min
 Lab File: VW006782.D
 Acq: 09 Nov 2018 12:16

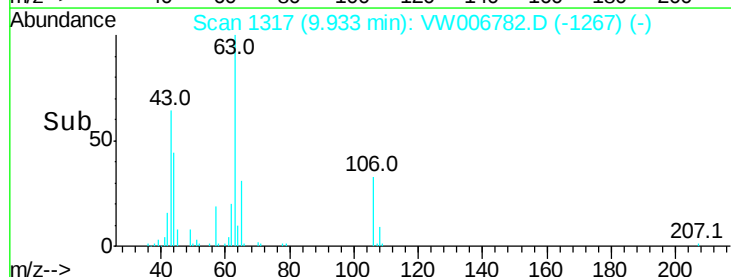
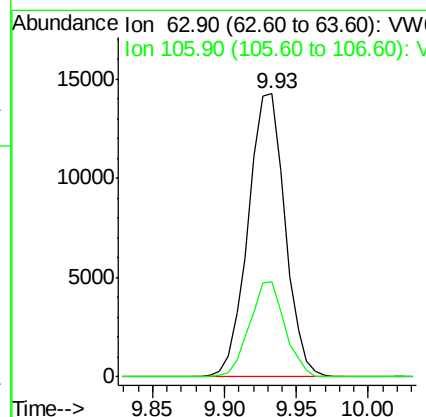
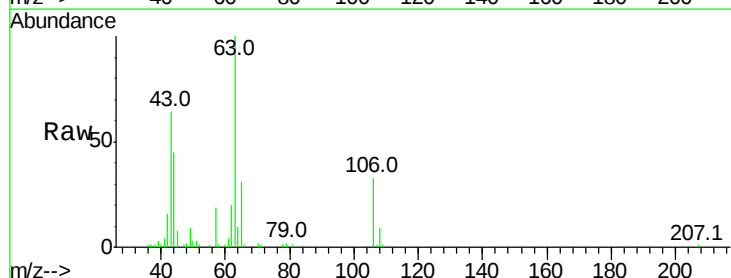
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

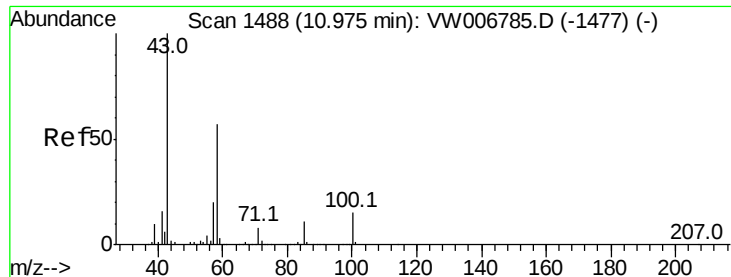
Tgt Ion: 76 Resp: 16315
 Ion Ratio Lower Upper
 76 100
 78 31.5 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 23.018 ug/l
 RT: 9.93 min Scan# 1317
 Delta R.T. 0.01 min
 Lab File: VW006782.D
 Acq: 09 Nov 2018 12:16

Tgt Ion: 63 Resp: 25321
 Ion Ratio Lower Upper
 63 100
 106 32.2 25.3 37.9





#59

2-Hexanone

Concen: 21.618 ug/l

RT: 10.98 min Scan# 1488

Delta R.T. -0.00 min

Lab File: VW006782.D

Acq: 09 Nov 2018 12:16

Instrument :

MSVOA_W

ClientSampleId :

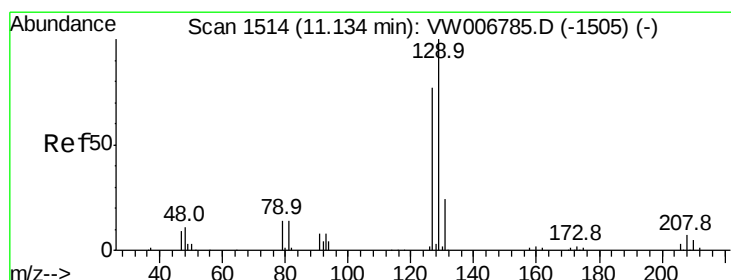
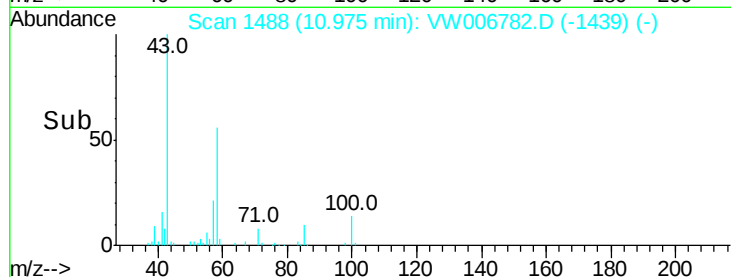
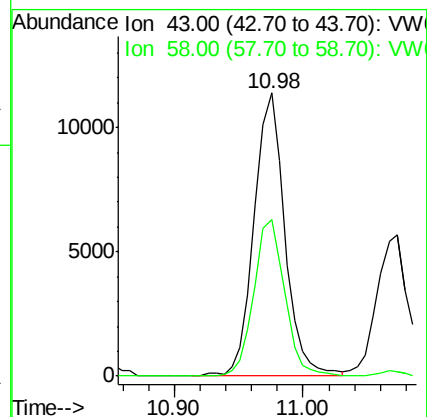
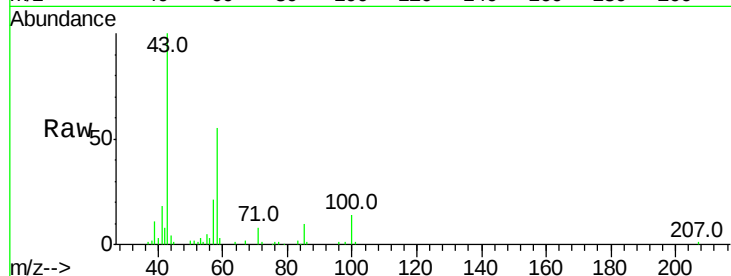
VSTDIC005

Tgt Ion: 43 Resp: 18832

Ion Ratio Lower Upper

43 100

58 55.2 28.5 85.5



#60

Dibromochloromethane

Concen: 4.899 ug/l

RT: 11.13 min Scan# 1514

Delta R.T. -0.00 min

Lab File: VW006782.D

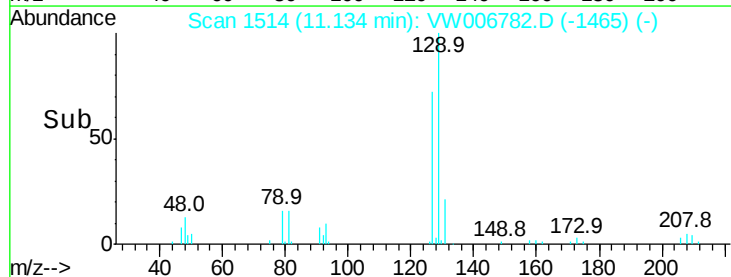
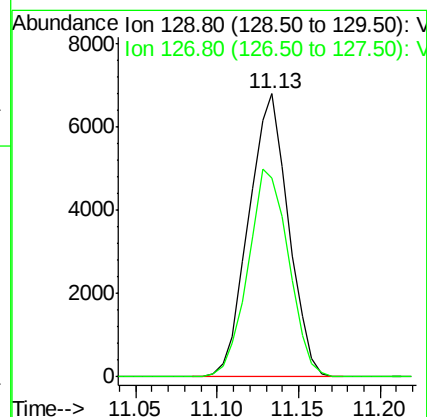
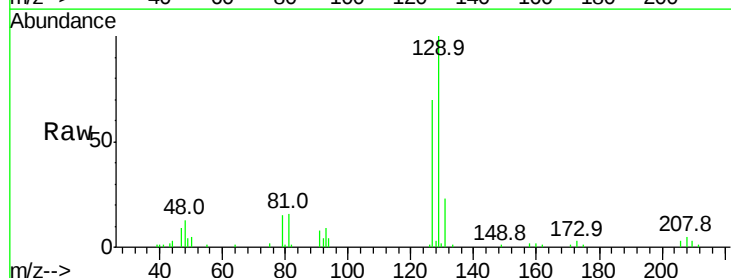
Acq: 09 Nov 2018 12:16

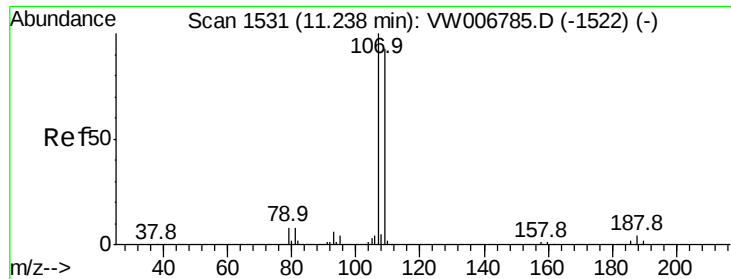
Tgt Ion: 129 Resp: 11557

Ion Ratio Lower Upper

129 100

127 74.9 38.5 115.3

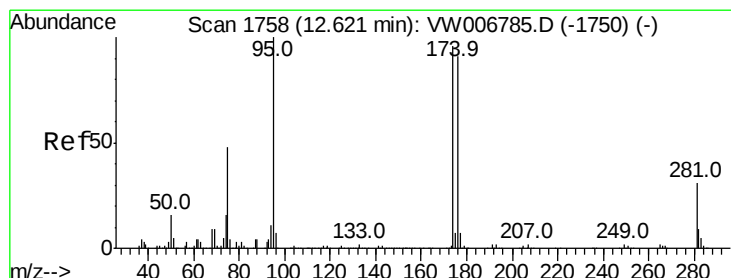
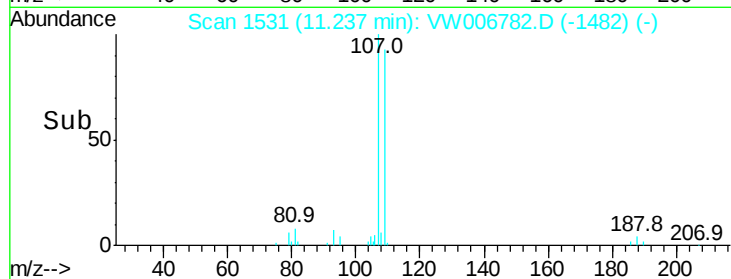
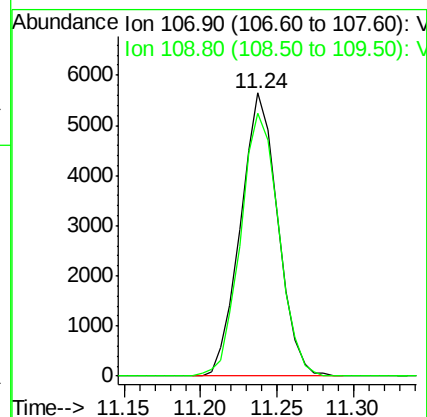
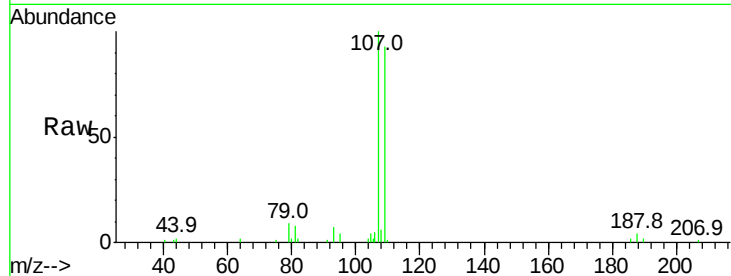




#61
 1,2-Dibromoethane
 Concen: 4.829 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW006782.D
 Acq: 09 Nov 2018 12:16

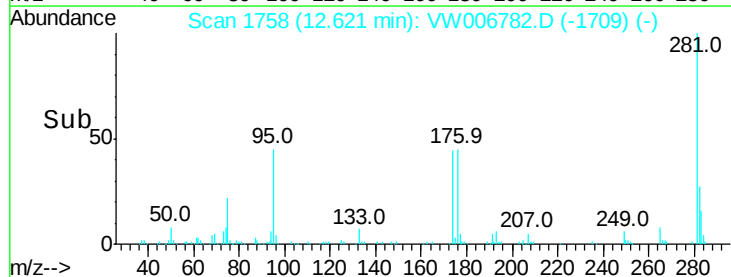
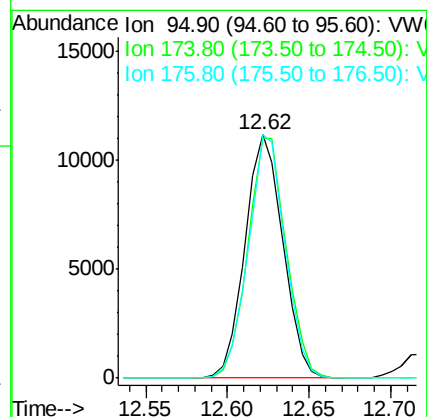
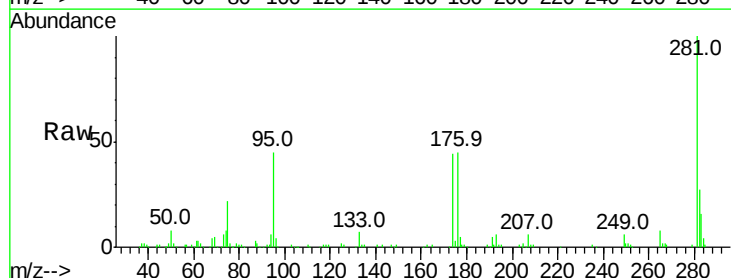
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

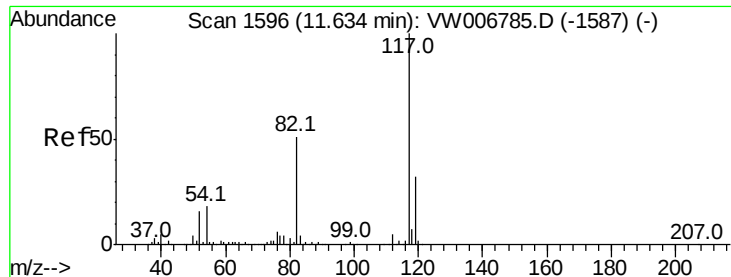
Tgt Ion: 107 Resp: 9548
 Ion Ratio Lower Upper
 107 100
 109 95.1 75.5 113.3



#62
 4-Bromofluorobenzene
 Concen: 5.083 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW006782.D
 Acq: 09 Nov 2018 12:16

Tgt Ion: 95 Resp: 18078
 Ion Ratio Lower Upper
 95 100
 174 99.9 0.0 196.2
 176 97.2 0.0 190.8

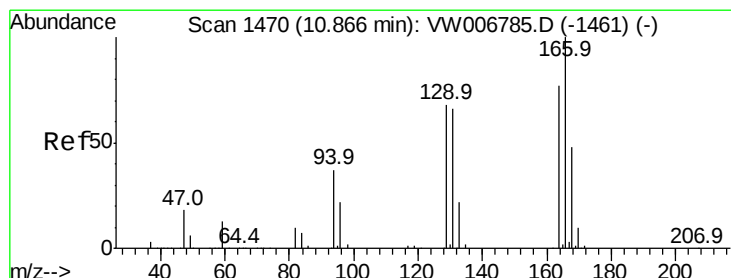
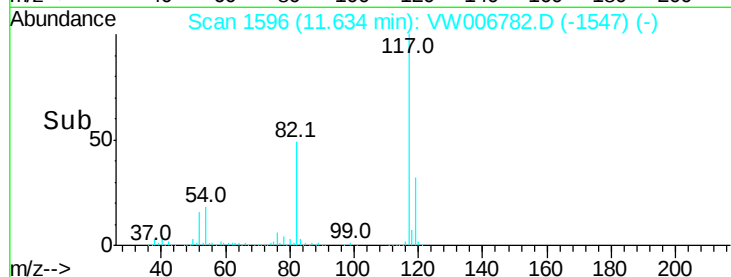
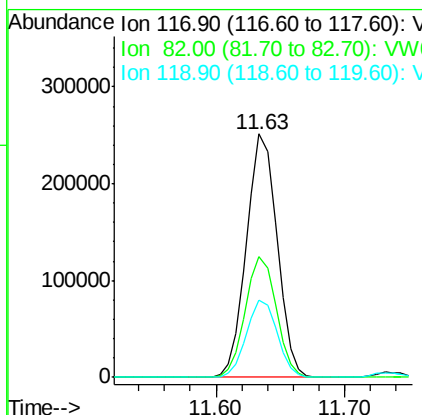
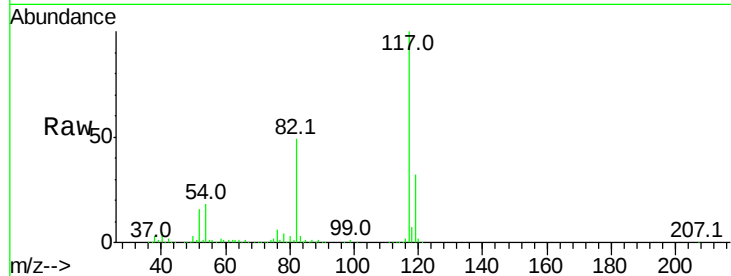




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006782.D
Acq: 09 Nov 2018 12:16

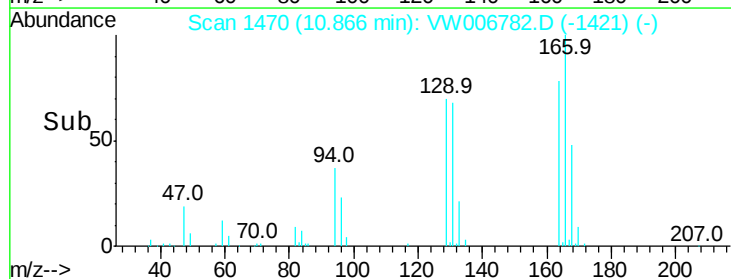
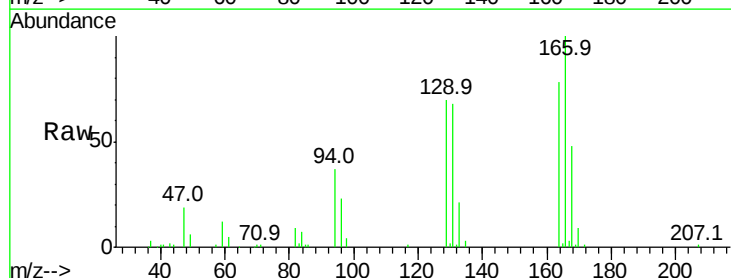
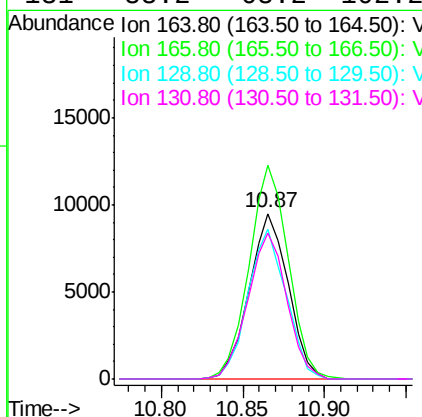
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

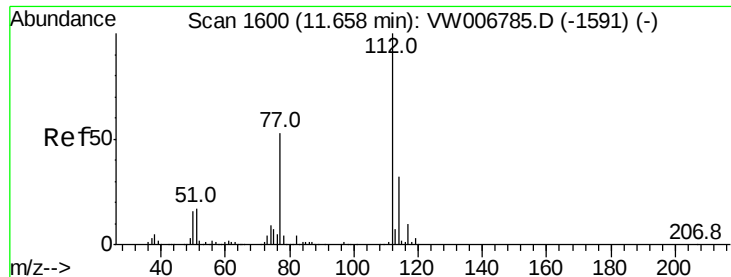
Tgt Ion:117 Resp: 413295
Ion Ratio Lower Upper
117 100
82 49.4 40.9 61.3
119 31.6 25.8 38.8



#64
Tetrachloroethene
Concen: 4.829 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW006782.D
Acq: 09 Nov 2018 12:16

Tgt Ion:164 Resp: 15908
Ion Ratio Lower Upper
164 100
166 128.9 103.7 155.5
129 90.6 70.4 105.6
131 88.2 68.2 102.2

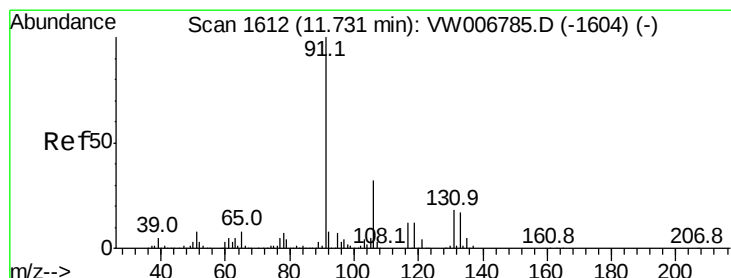
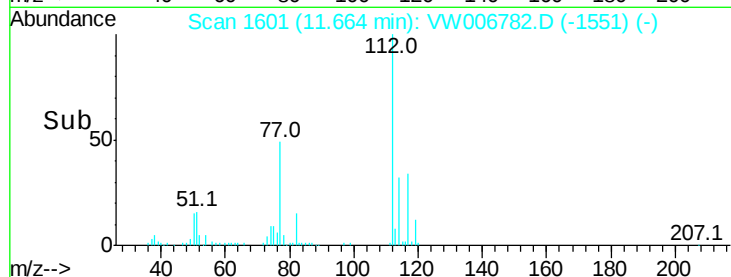
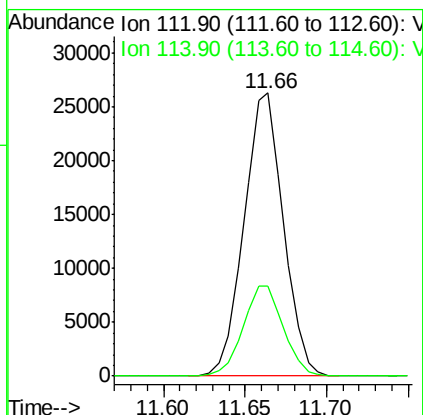
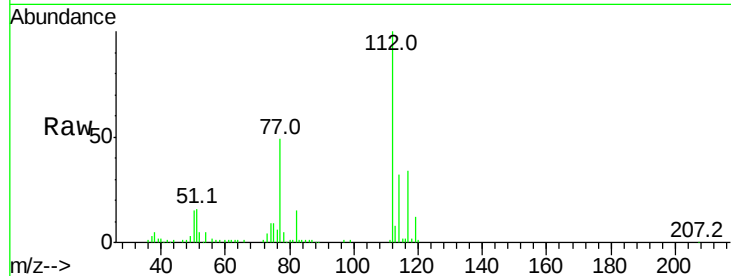




#65
Chlorobenzene
Concen: 5.060 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VW006782.D
Acq: 09 Nov 2018 12:16

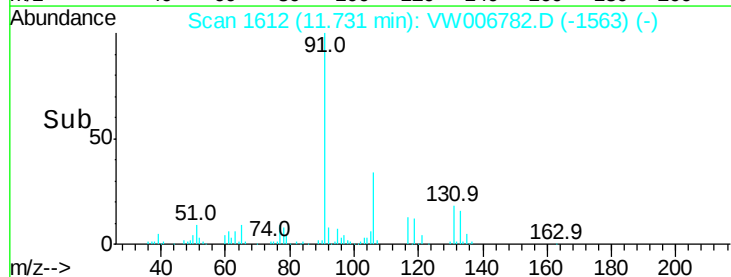
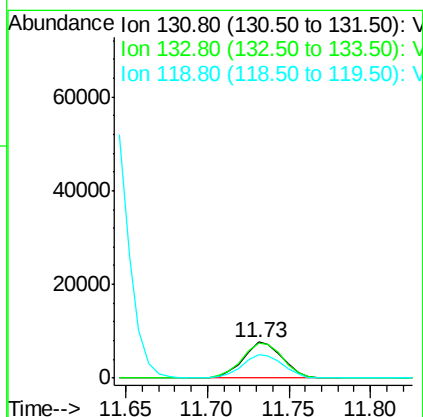
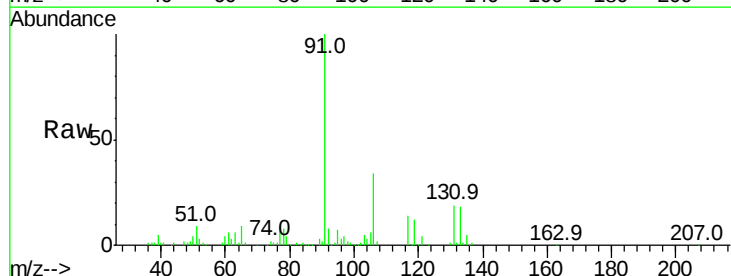
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

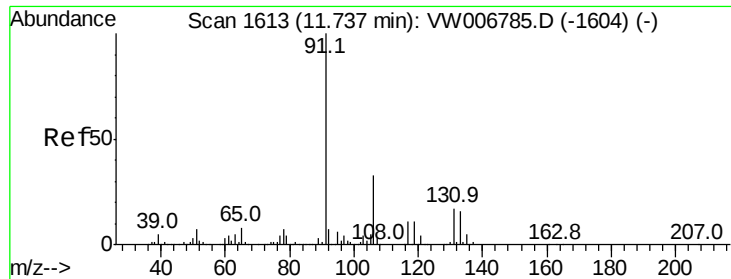
Tgt Ion:112 Resp: 44005
Ion Ratio Lower Upper
112 100
114 31.9 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 4.252 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW006782.D
Acq: 09 Nov 2018 12:16

Tgt Ion:131 Resp: 12999
Ion Ratio Lower Upper
131 100
133 100.8 47.9 143.6
119 66.1 32.3 96.8

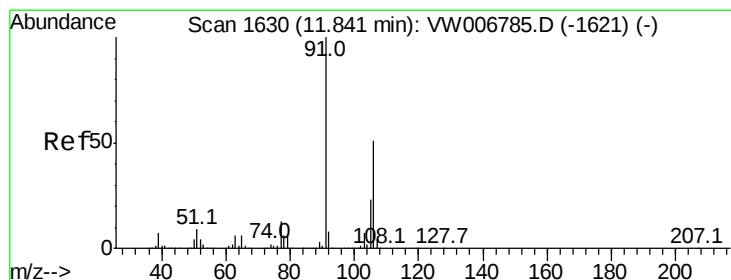
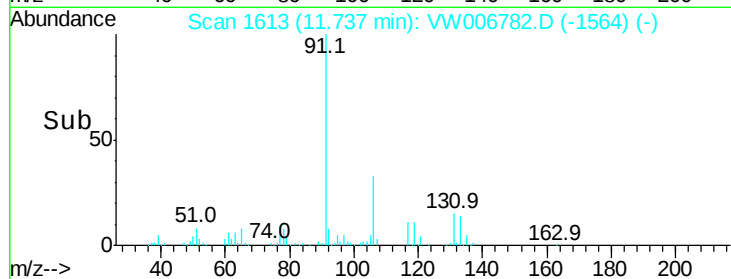
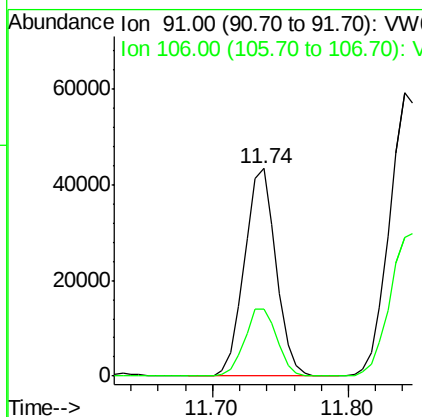
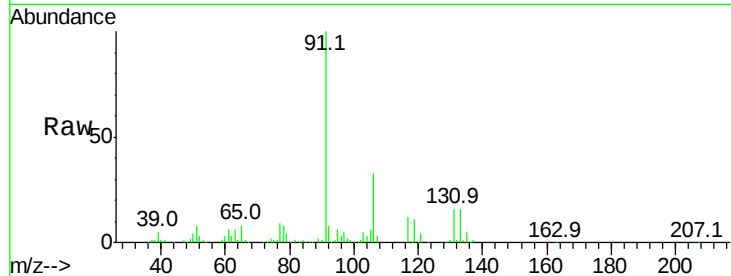




#67
 Ethyl Benzene
 Concen: 4.853 ug/l
 RT: 11.74 min Scan# 1613
 Delta R.T. -0.00 min
 Lab File: VW006782.D
 Acq: 09 Nov 2018 12:16

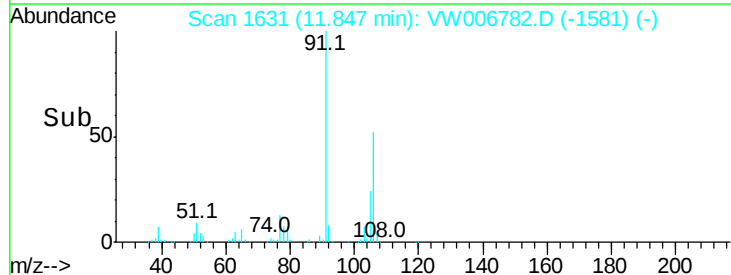
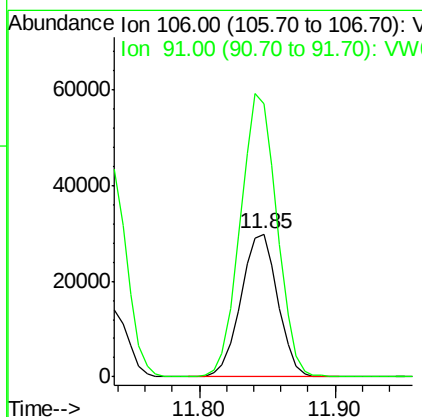
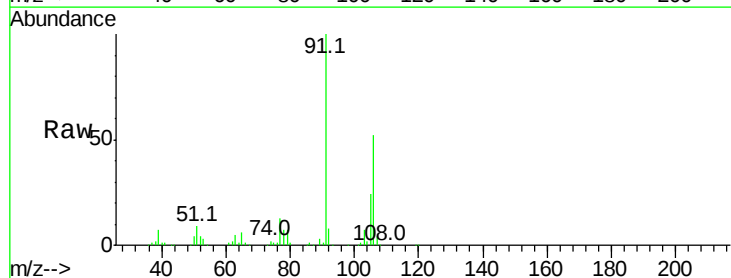
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

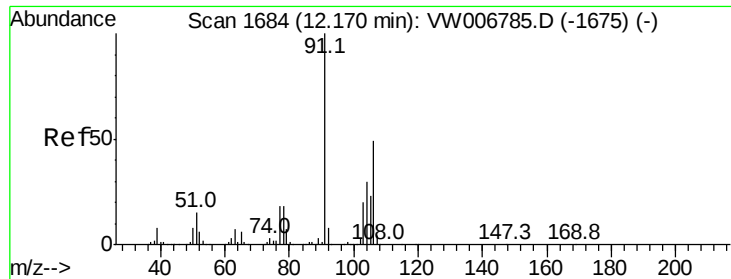
Tgt Ion: 91 Resp: 70553
 Ion Ratio Lower Upper
 91 100
 106 32.6 26.3 39.5



#68
 m/p-Xylenes
 Concen: 9.761 ug/l
 RT: 11.85 min Scan# 1631
 Delta R.T. 0.01 min
 Lab File: VW006782.D
 Acq: 09 Nov 2018 12:16

Tgt Ion: 106 Resp: 56688
 Ion Ratio Lower Upper
 106 100
 91 195.8 155.3 232.9

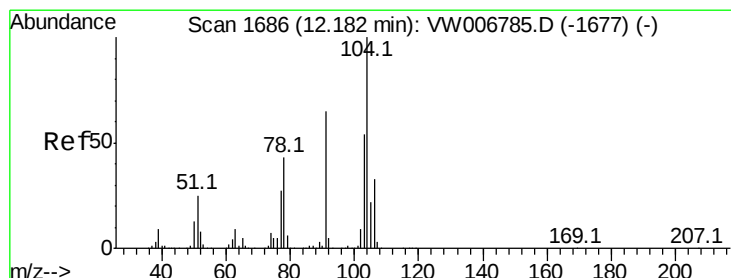
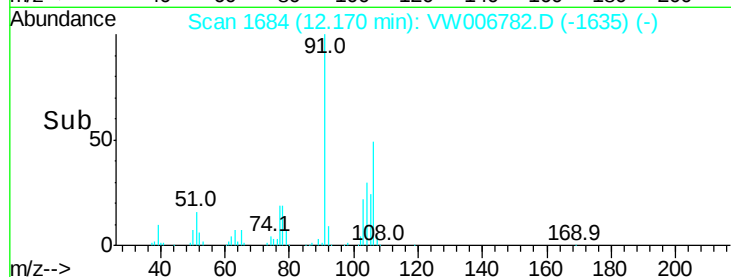
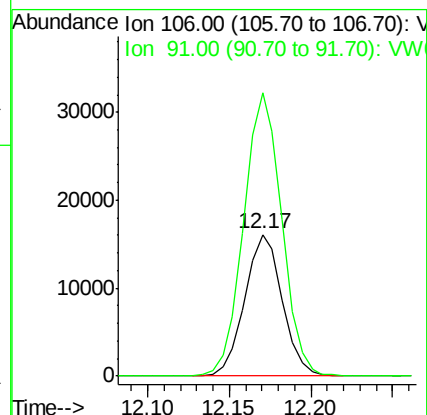
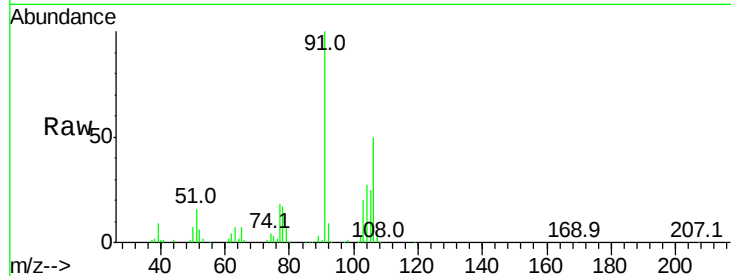




#69
o-Xylene
Concen: 4.639 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW006782.D
Acq: 09 Nov 2018 12:16

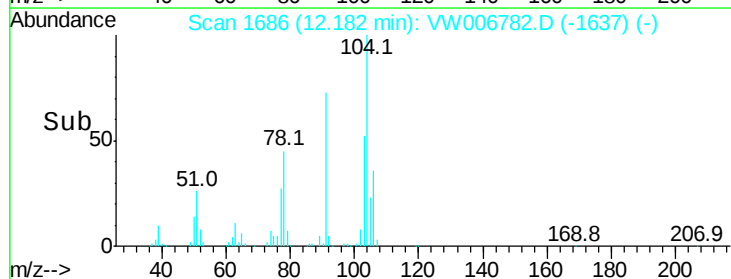
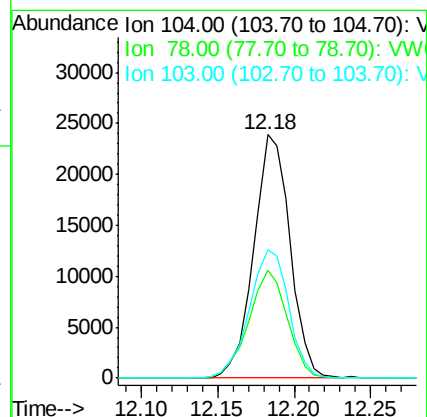
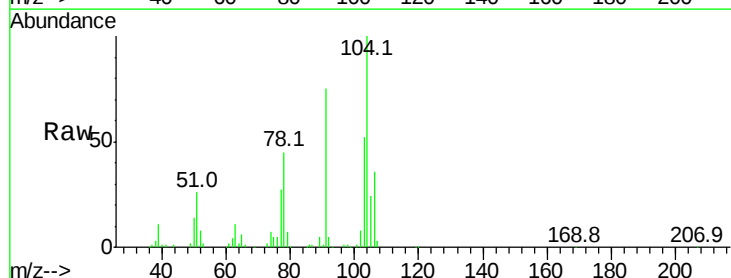
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

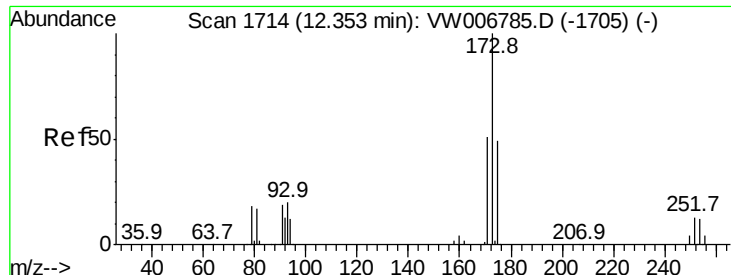
Tgt Ion:106 Resp: 25648
Ion Ratio Lower Upper
106 100
91 203.7 103.0 308.9



#70
Styrene
Concen: 4.382 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW006782.D
Acq: 09 Nov 2018 12:16

Tgt Ion:104 Resp: 39504
Ion Ratio Lower Upper
104 100
78 47.2 37.1 55.7
103 57.2 44.4 66.6





#71

Bromoform

Concen: 4.294 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW006782.D

Acq: 09 Nov 2018 12:16

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

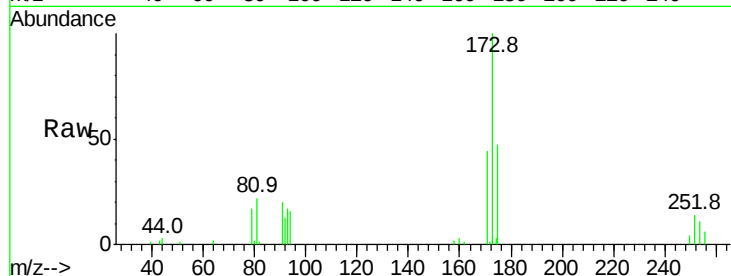
Tgt Ion:173 Resp: 6958

Ion Ratio Lower Upper

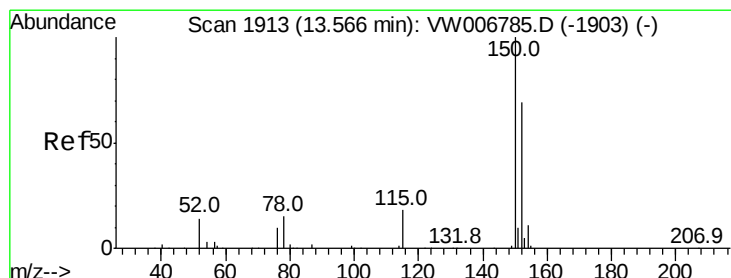
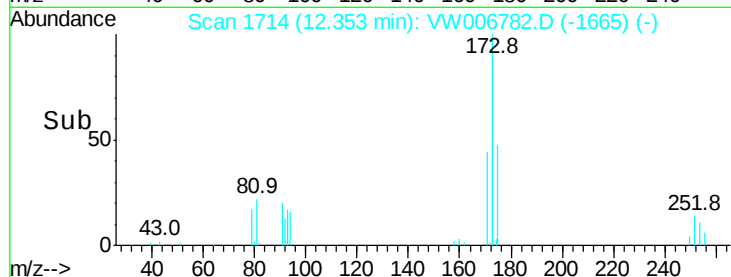
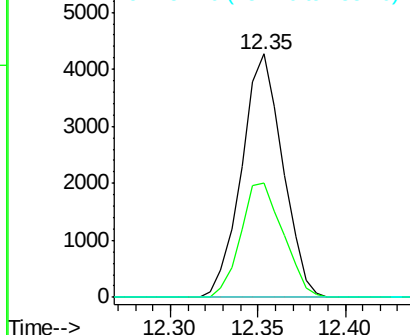
173 100

175 48.6 24.3 72.8

254 0.0 0.1 0.1#



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# 1913

Delta R.T. -0.00 min

Lab File: VW006782.D

Acq: 09 Nov 2018 12:16

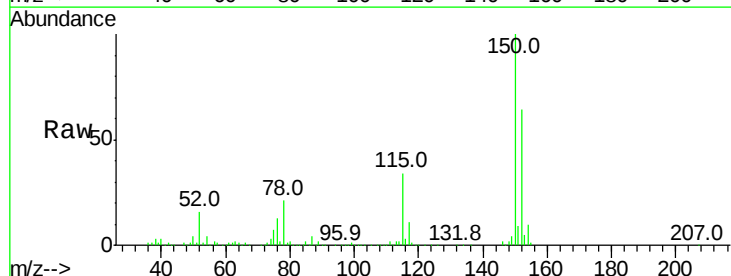
Tgt Ion:152 Resp: 231895

Ion Ratio Lower Upper

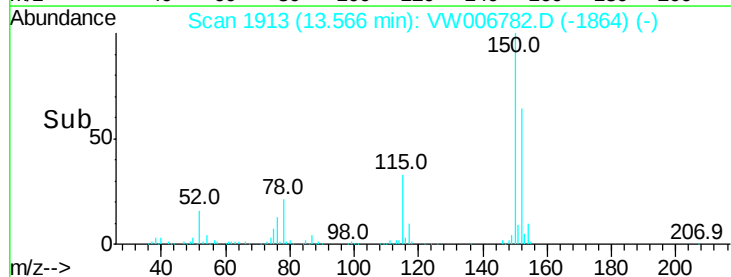
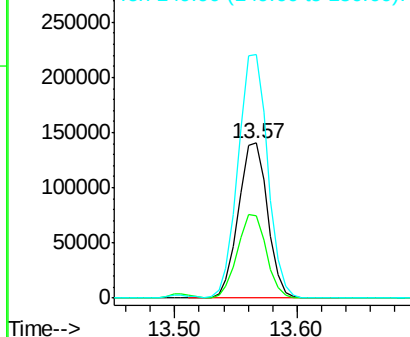
152 100

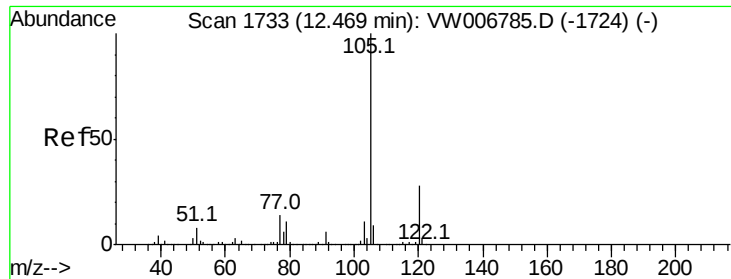
115 53.2 26.7 80.0

150 159.3 0.0 348.0



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: 4.493 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW006782.D

Acq: 09 Nov 2018 12:16

Instrument :

MSVOA_W

ClientSampleId :

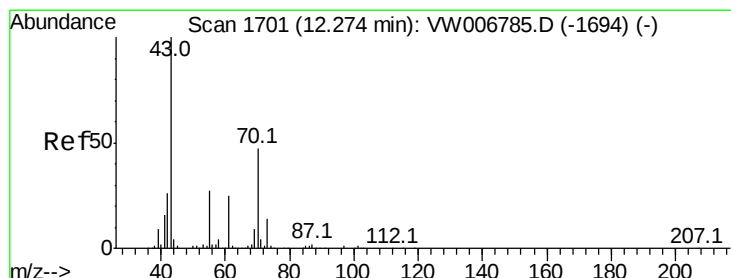
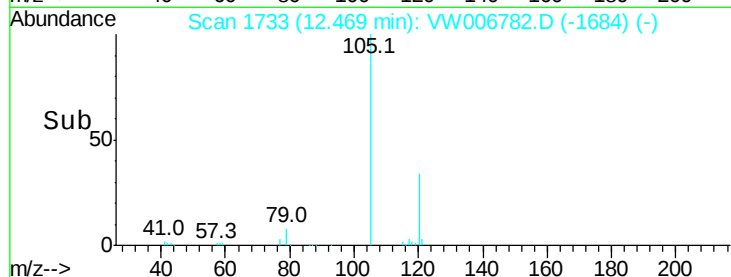
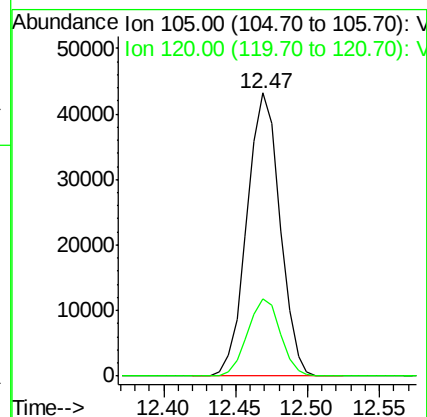
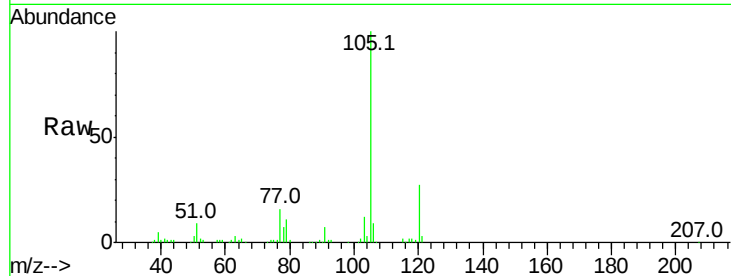
VSTDIC005

Tgt Ion:105 Resp: 68632

Ion Ratio Lower Upper

105 100

120 27.3 13.9 41.6



#74

N-ethyl acetate

Concen: 3.931 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.01 min

Lab File: VW006782.D

Acq: 09 Nov 2018 12:16

Tgt Ion: 43 Resp: 10377

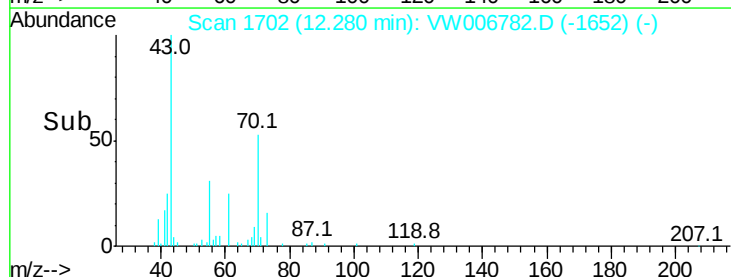
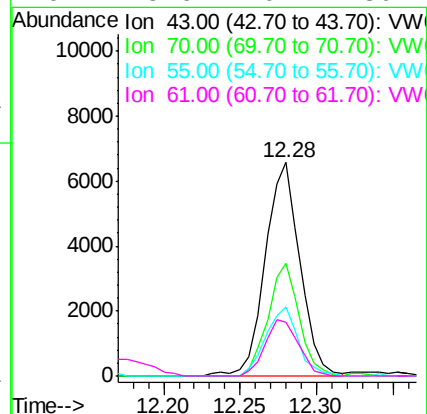
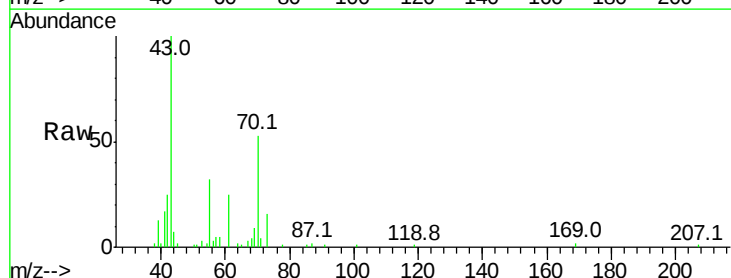
Ion Ratio Lower Upper

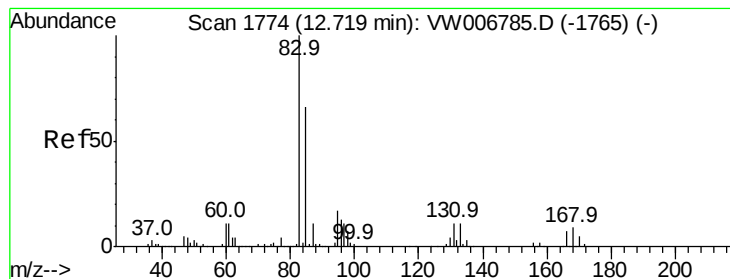
43 100

70 47.3 38.3 57.5

55 30.6 22.3 33.5

61 25.6 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 4.360 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW006782.D

Acq: 09 Nov 2018 12:16

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

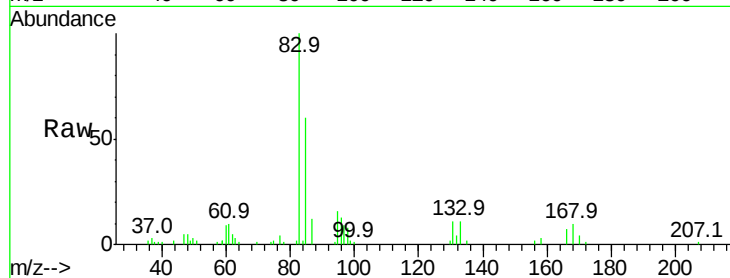
Tgt Ion: 83 Resp: 10520

Ion Ratio Lower Upper

83 100

131 10.8 6.0 18.0

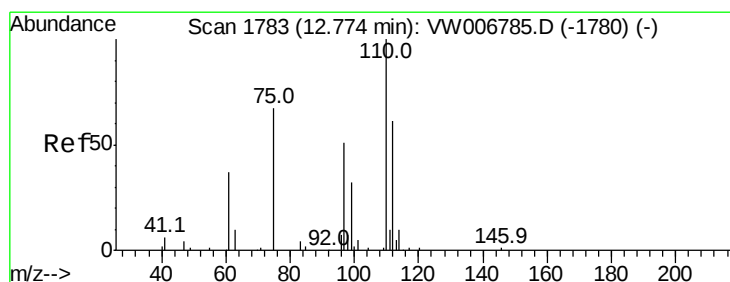
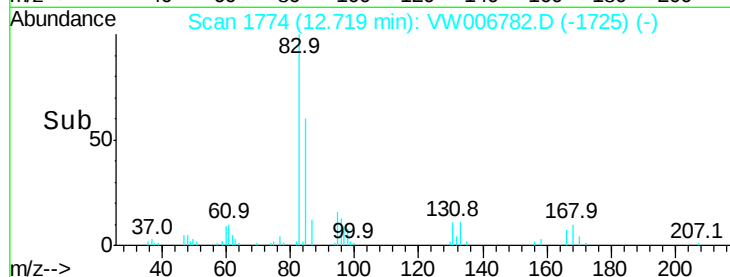
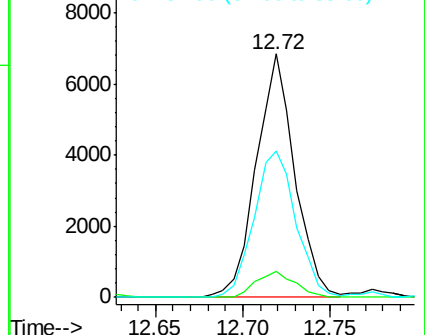
85 65.6 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 7.292 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.01 min

Lab File: VW006782.D

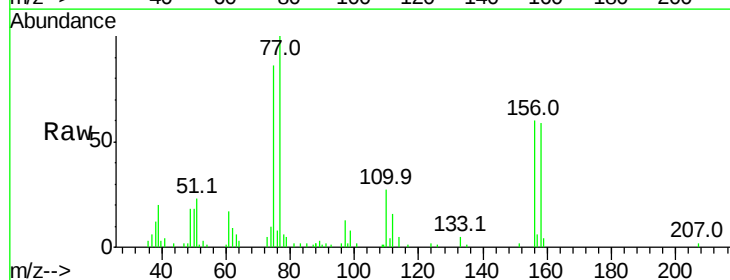
Acq: 09 Nov 2018 12:16

Tgt Ion: 75 Resp: 13194

Ion Ratio Lower Upper

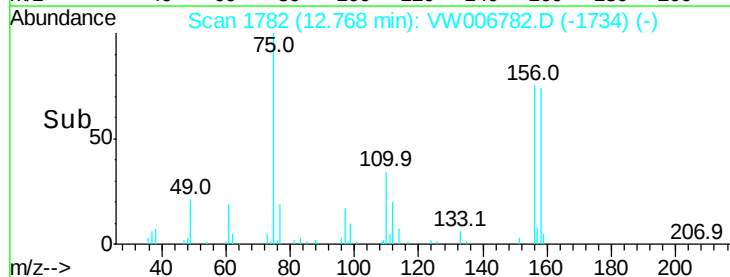
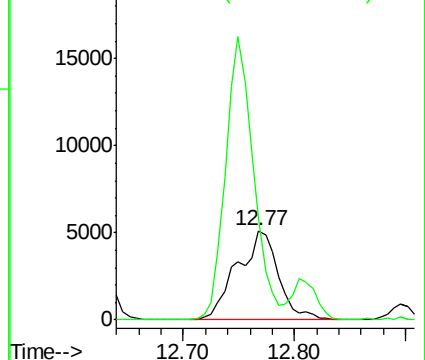
75 100

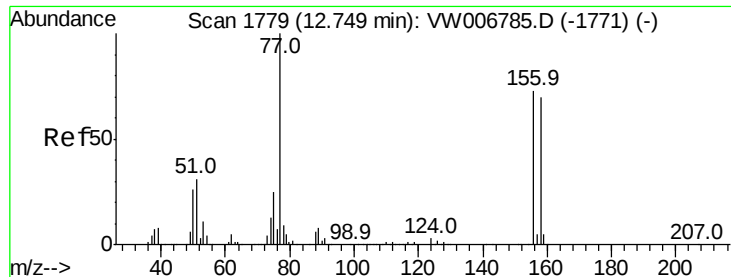
77 214.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 4.780 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW006782.D

Acq: 09 Nov 2018 12:16

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

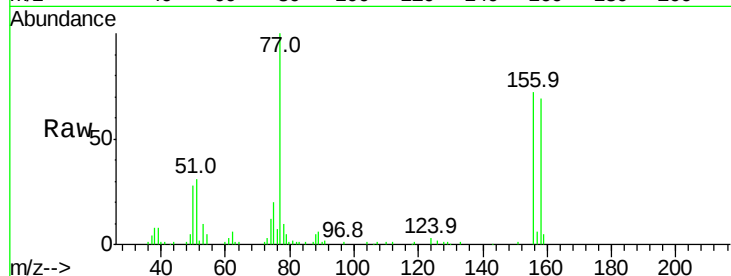
Tgt Ion:156 Resp: 18907

Ion Ratio Lower Upper

156 100

77 149.5 75.4 226.3

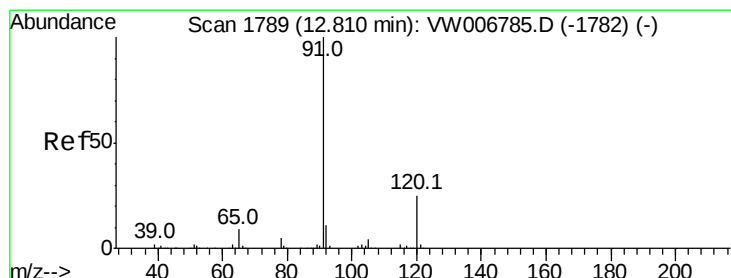
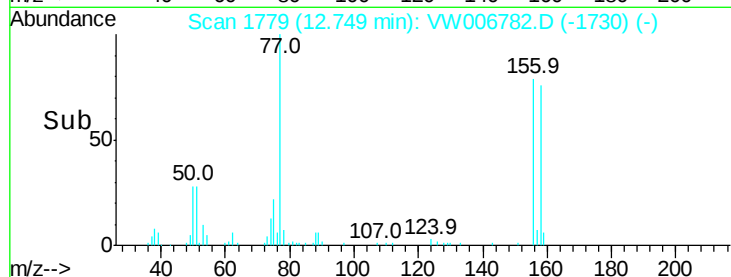
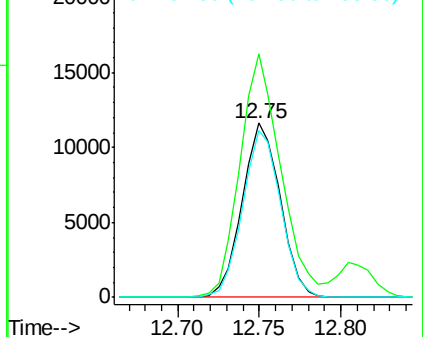
158 95.4 48.7 146.1



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: 4.701 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW006782.D

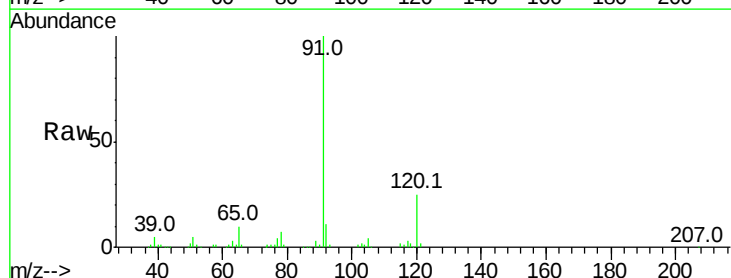
Acq: 09 Nov 2018 12:16

Tgt Ion: 91 Resp: 82593

Ion Ratio Lower Upper

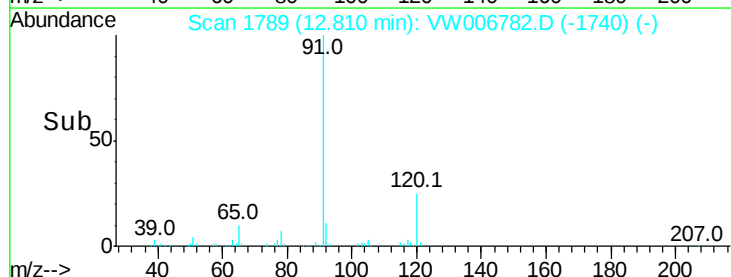
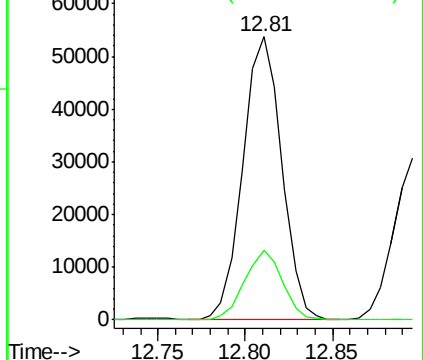
91 100

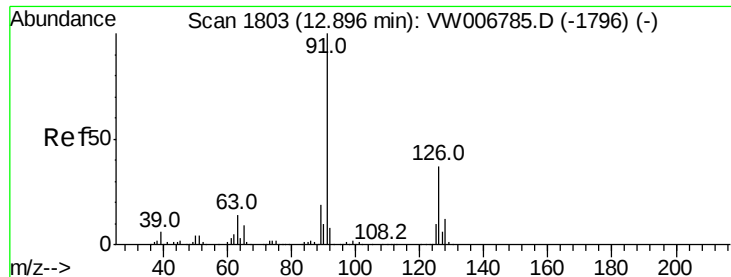
120 24.1 12.4 37.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

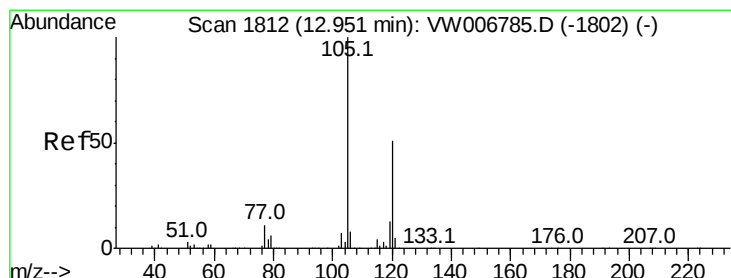
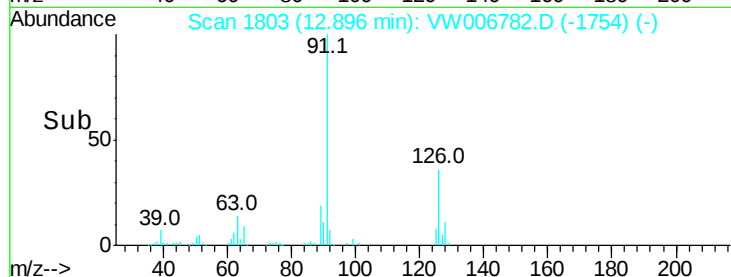
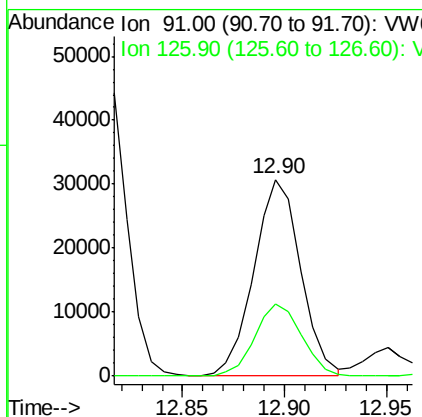
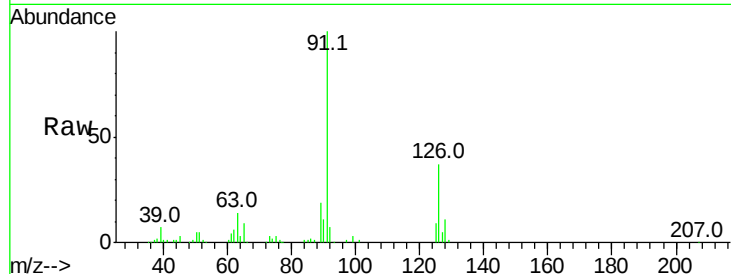




#79
 2-Chlorotoluene
 Concen: 4.841 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW006782.D
 Acq: 09 Nov 2018 12:16

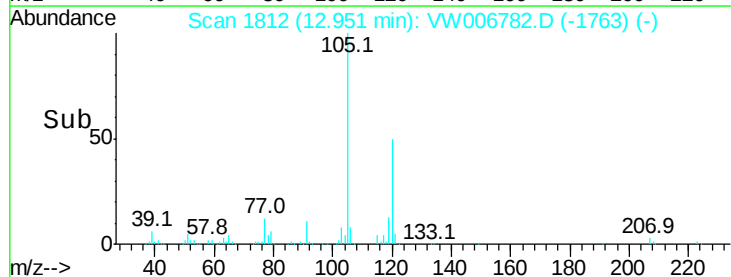
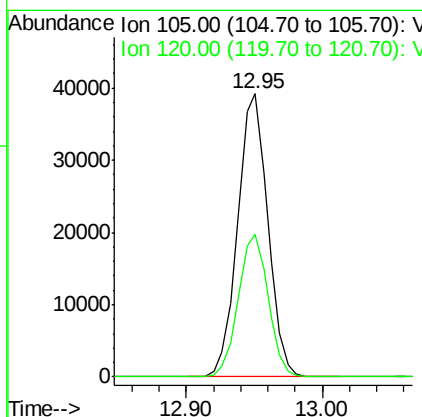
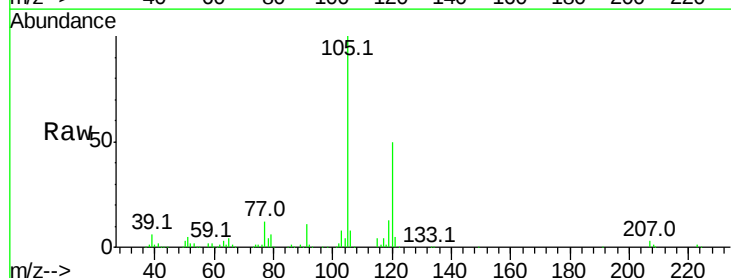
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

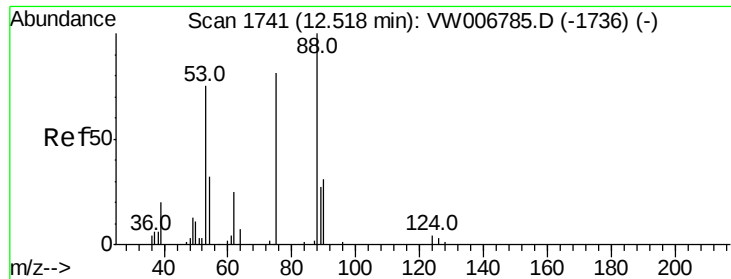
Tgt Ion: 91 Resp: 48815
 Ion Ratio Lower Upper
 91 100
 126 36.8 18.4 55.2



#80
 1,3,5-Trimethylbenzene
 Concen: 4.713 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VW006782.D
 Acq: 09 Nov 2018 12:16

Tgt Ion: 105 Resp: 60487
 Ion Ratio Lower Upper
 105 100
 120 50.2 25.4 76.0

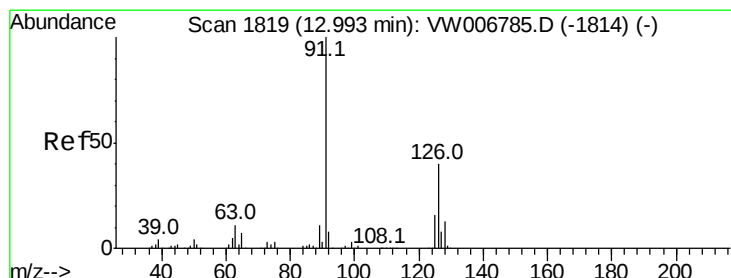
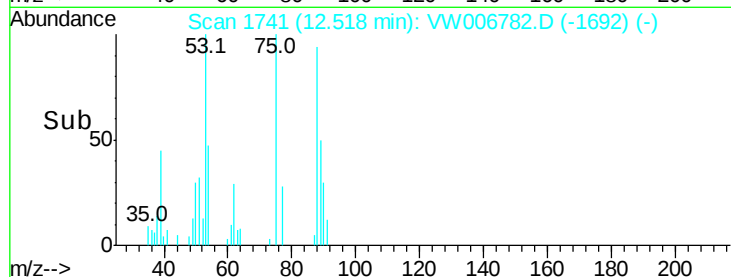
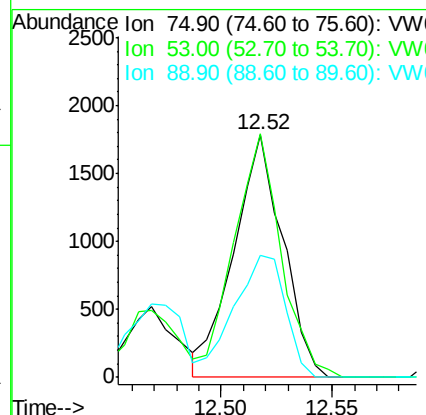
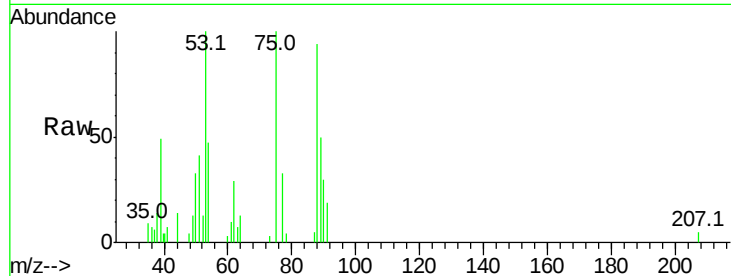




#81
trans-1,4-Dichloro-2-butene
Concen: 4.380 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW006782.D
Acq: 09 Nov 2018 12:16

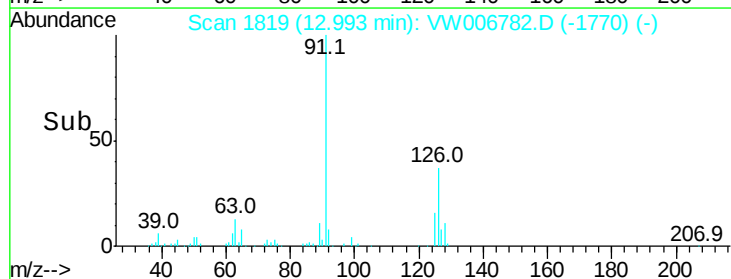
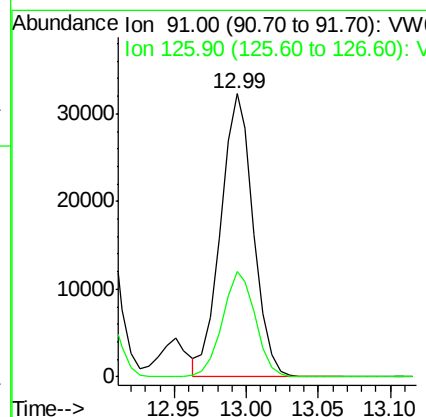
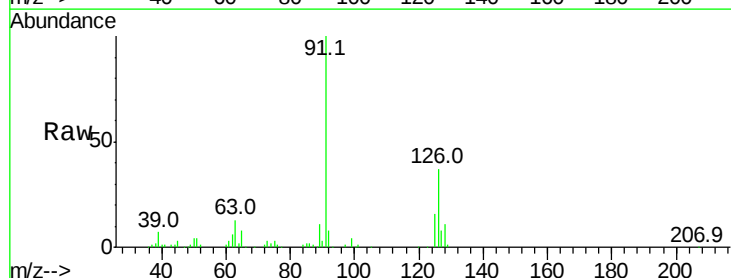
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

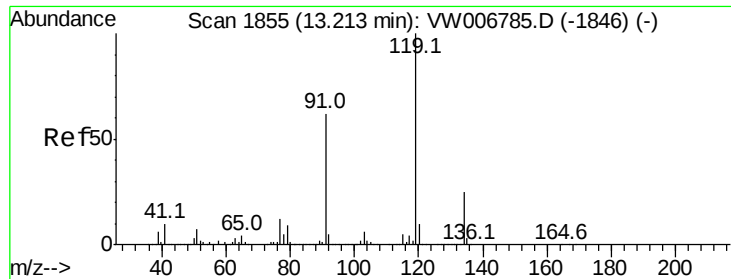
Tgt Ion: 75 Resp: 2729
Ion Ratio Lower Upper
75 100
53 97.0 74.0 111.0
89 53.1 38.1 57.1



#82
4-Chlorotoluene
Concen: 4.798 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW006782.D
Acq: 09 Nov 2018 12:16

Tgt Ion: 91 Resp: 51188
Ion Ratio Lower Upper
91 100
126 37.6 18.6 55.6

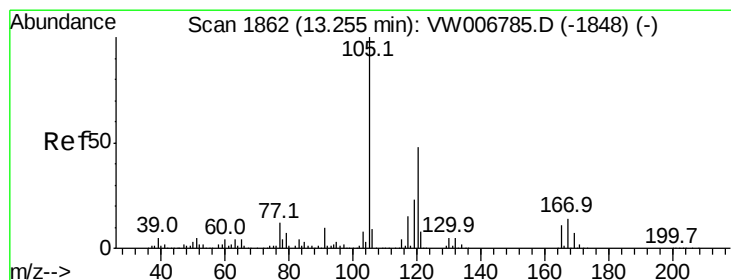
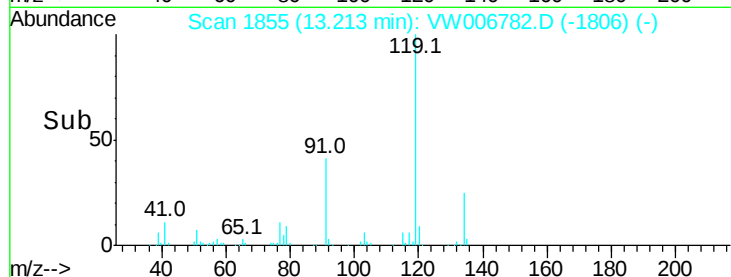
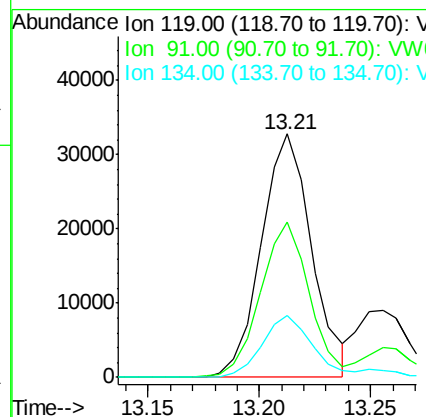
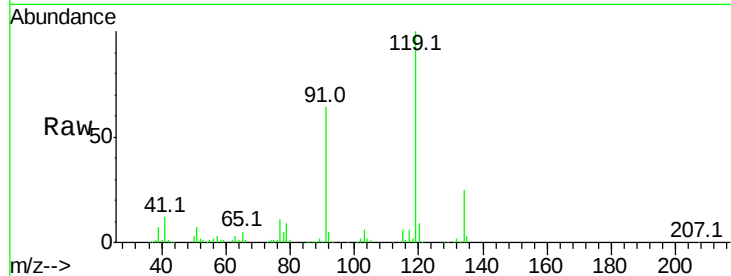




#83
 tert-Butylbenzene
 Concen: 4.494 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW006782.D
 Acq: 09 Nov 2018 12:16

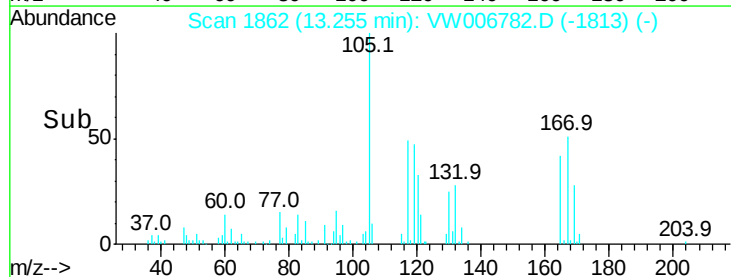
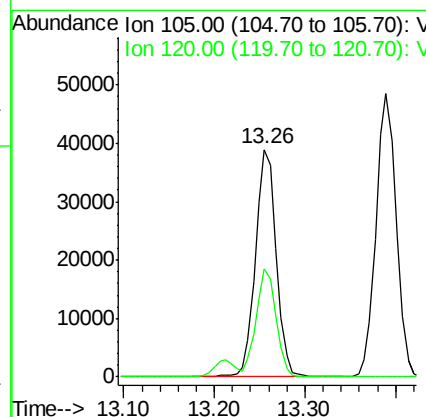
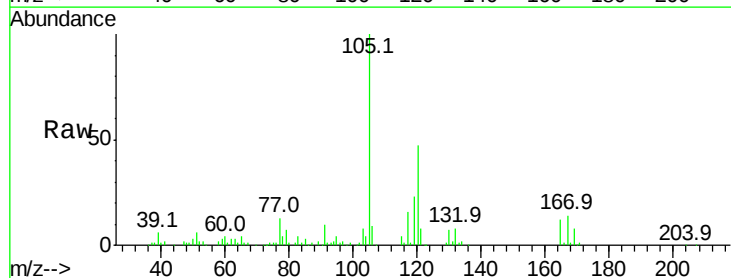
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

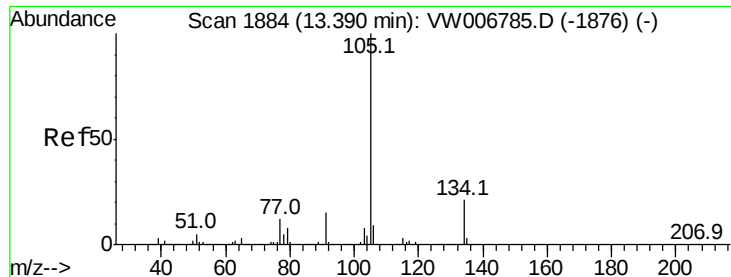
Tgt Ion:119 Resp: 51437
 Ion Ratio Lower Upper
 119 100
 91 61.9 30.4 91.2
 134 25.4 13.6 40.7



#84
 1,2,4-Trimethylbenzene
 Concen: 4.687 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW006782.D
 Acq: 09 Nov 2018 12:16

Tgt Ion:105 Resp: 61703
 Ion Ratio Lower Upper
 105 100
 120 45.4 23.4 70.0

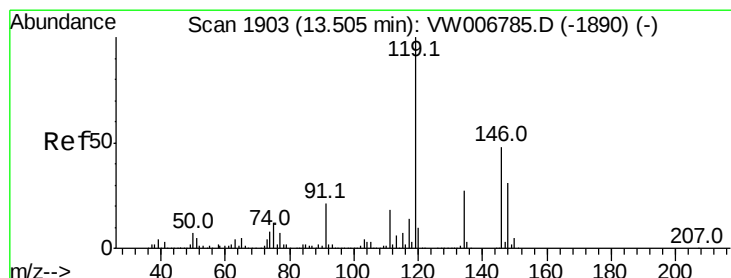
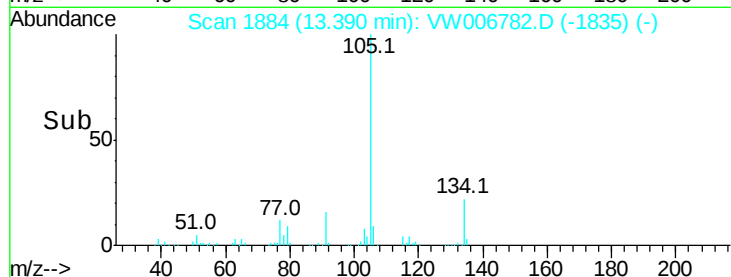
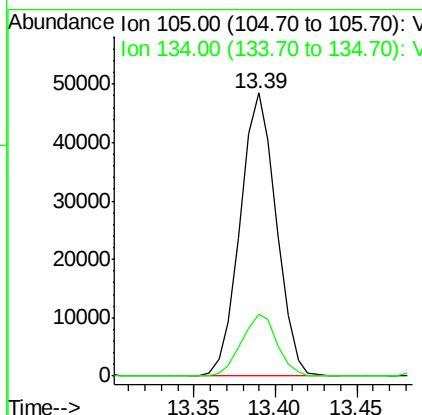
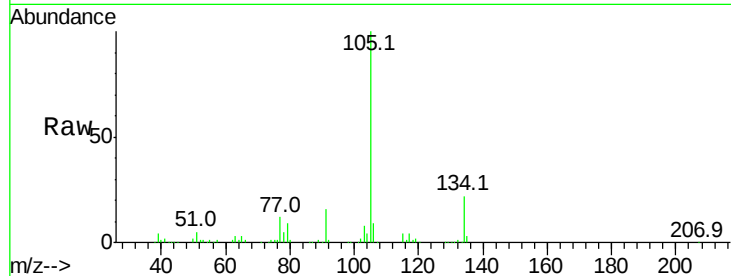




#85
 sec-Butylbenzene
 Concen: 4.669 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW006782.D
 Acq: 09 Nov 2018 12:16

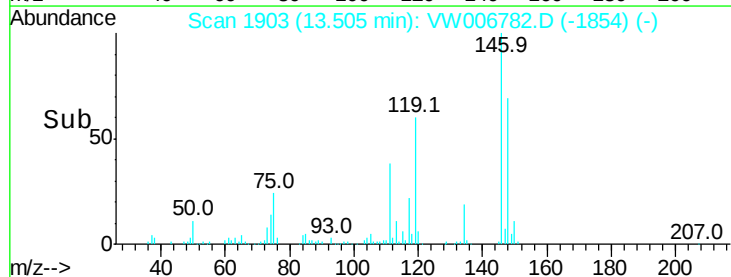
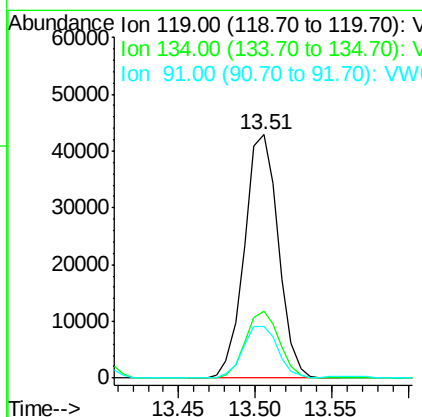
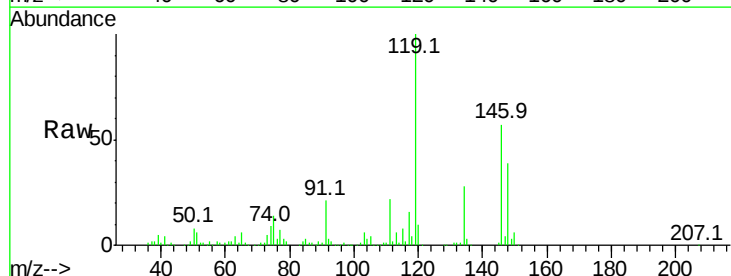
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC005

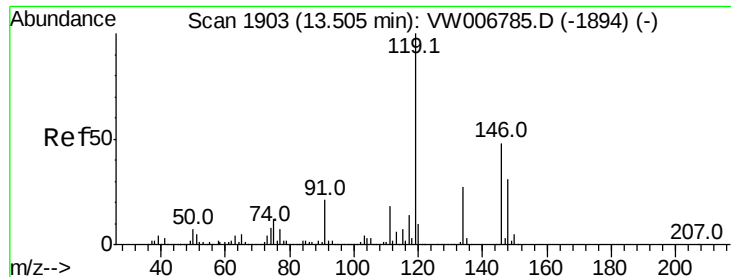
Tgt Ion:105 Resp: 74846
 Ion Ratio Lower Upper
 105 100
 134 21.4 10.7 32.1



#86
 p-Isopropyltoluene
 Concen: 4.531 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW006782.D
 Acq: 09 Nov 2018 12:16

Tgt Ion:119 Resp: 66090
 Ion Ratio Lower Upper
 119 100
 134 27.5 13.6 40.7
 91 22.4 10.8 32.4

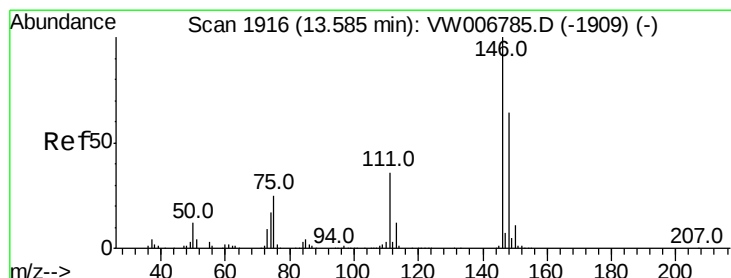
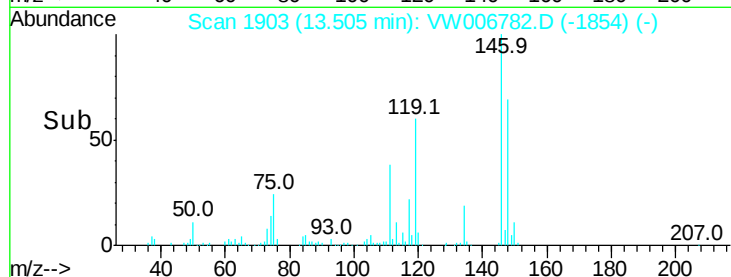
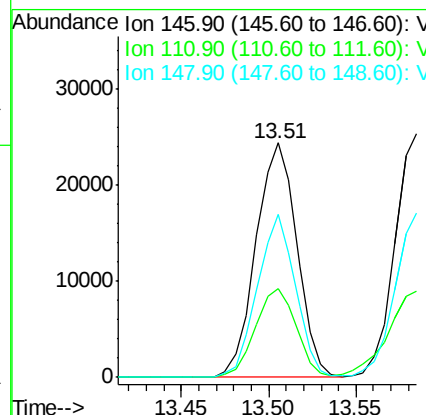
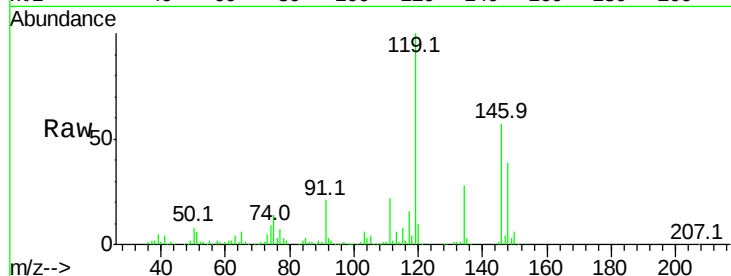




#87
 1,3-Dichlorobenzene
 Concen: 5.088 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW006782.D
 Acq: 09 Nov 2018 12:16

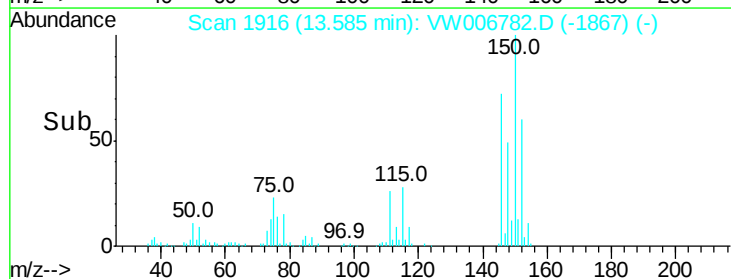
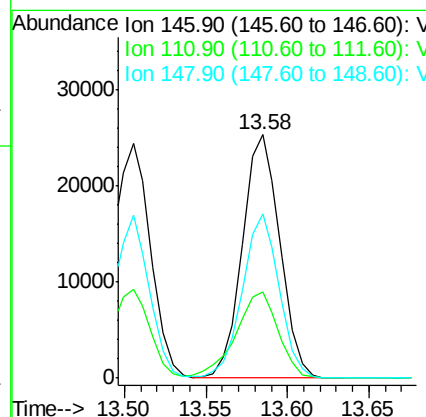
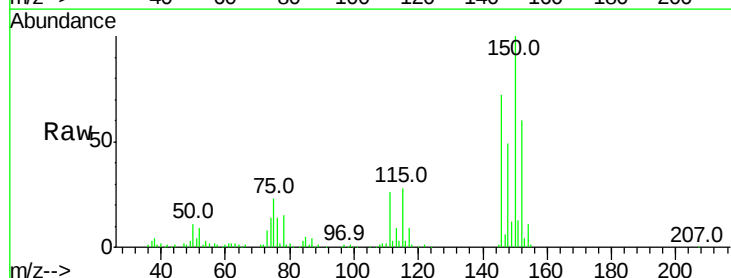
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

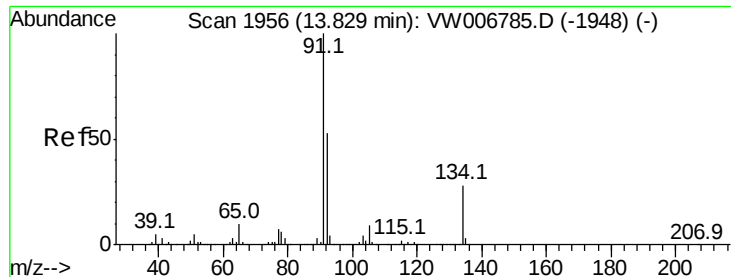
Tgt Ion:146 Resp: 39629
 Ion Ratio Lower Upper
 146 100
 111 37.8 18.4 55.0
 148 64.8 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 5.226 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW006782.D
 Acq: 09 Nov 2018 12:16

Tgt Ion:146 Resp: 40353
 Ion Ratio Lower Upper
 146 100
 111 40.6 18.1 54.1
 148 66.2 32.2 96.6

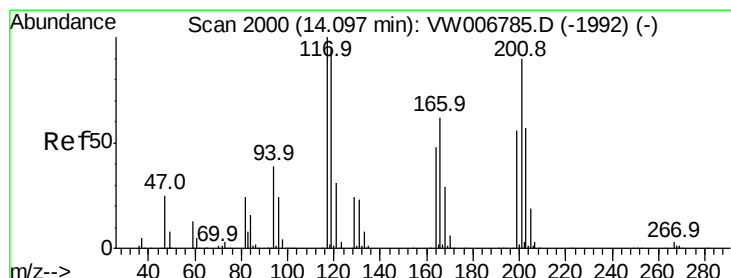
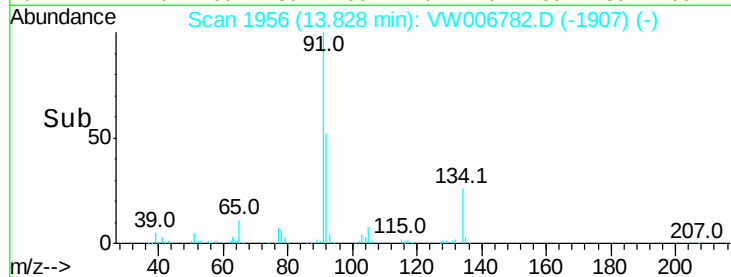
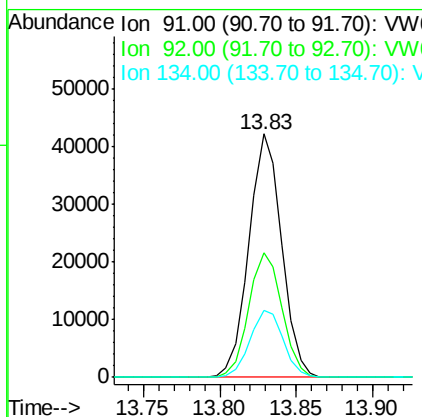
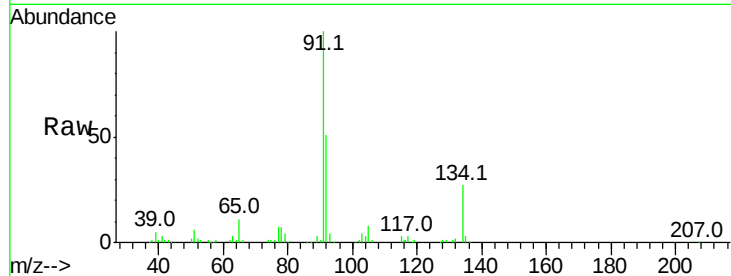




#89
n-Butylbenzene
Concen: 4.860 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW006782.D
Acq: 09 Nov 2018 12:16

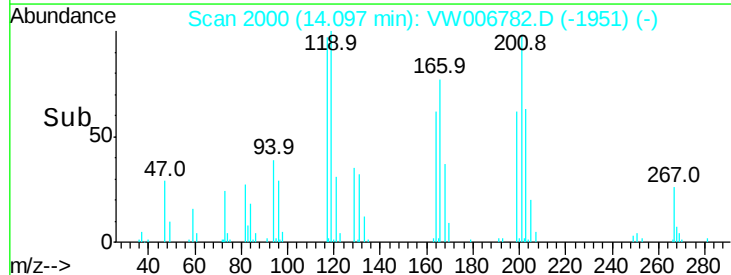
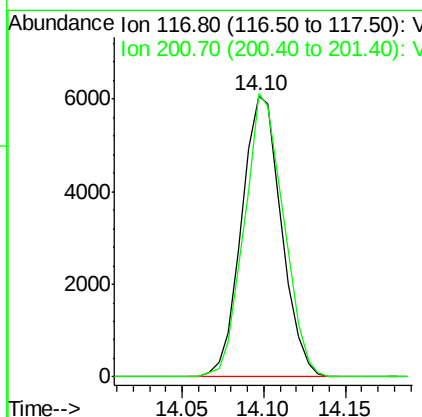
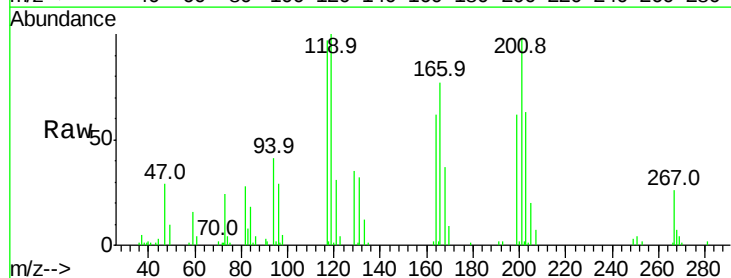
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

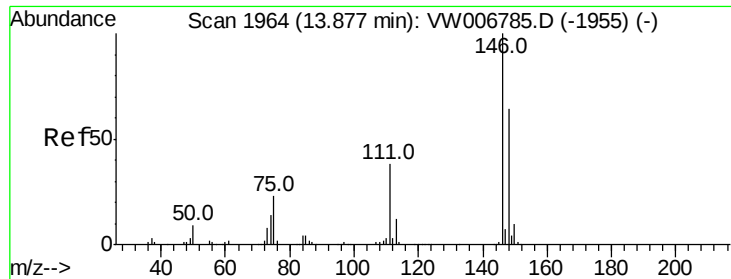
Tgt Ion: 91 Resp: 62920
Ion Ratio Lower Upper
91 100
92 52.0 26.1 78.2
134 28.0 14.2 42.8



#90
Hexachloroethane
Concen: 4.295 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW006782.D
Acq: 09 Nov 2018 12:16

Tgt Ion: 117 Resp: 10296
Ion Ratio Lower Upper
117 100
201 99.4 47.0 141.2

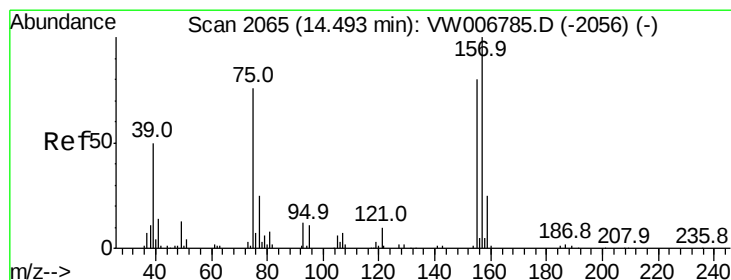
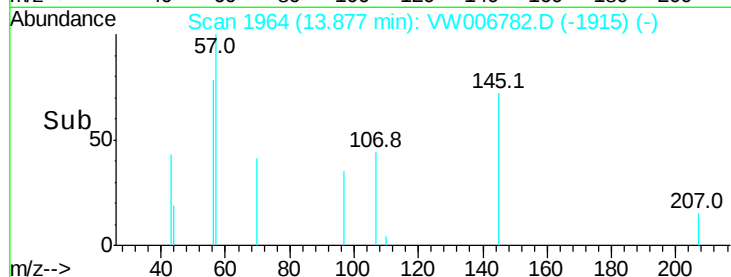
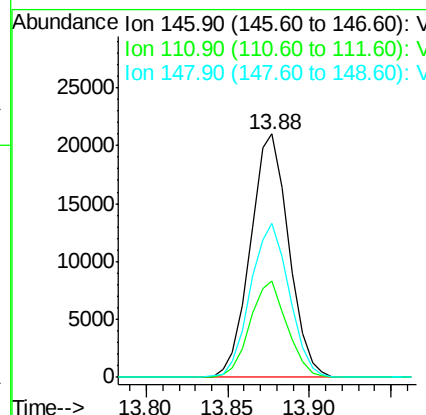
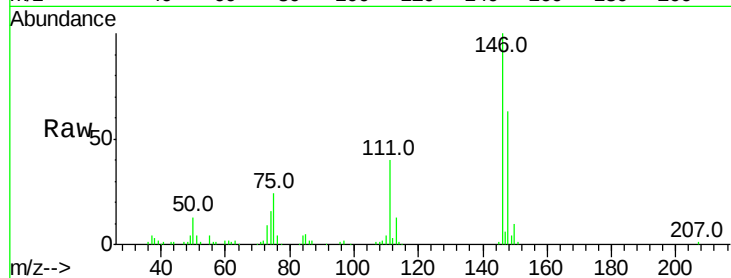




#91
 1,2-Dichlorobenzene
 Concen: 4.891 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW006782.D
 Acq: 09 Nov 2018 12:16

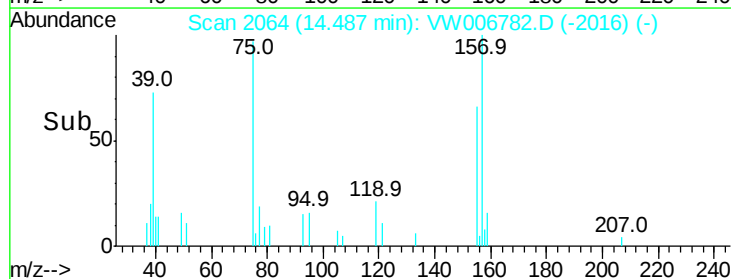
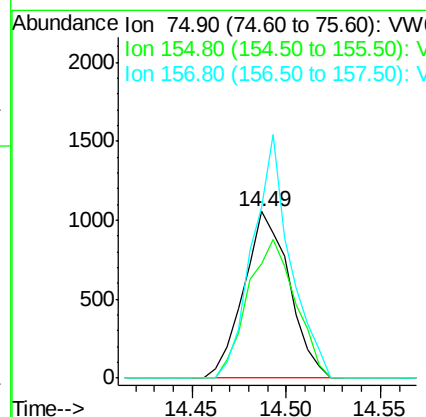
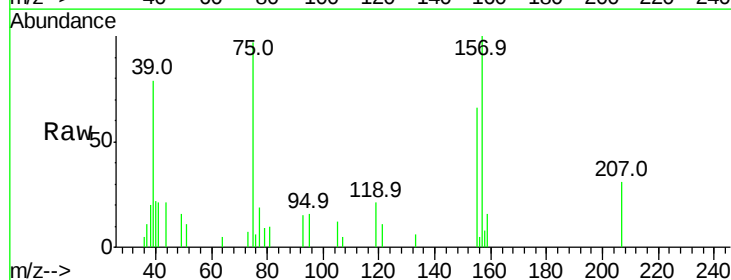
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

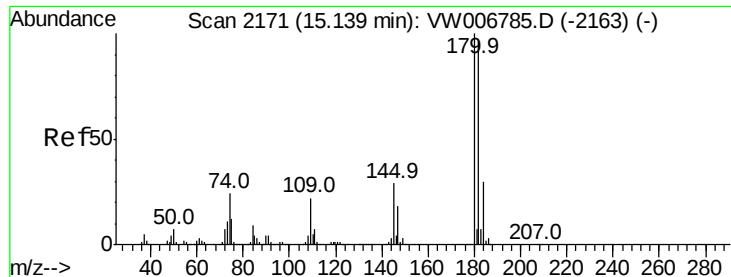
Tgt Ion:146 Resp: 34272
 Ion Ratio Lower Upper
 146 100
 111 38.4 19.1 57.3
 148 64.0 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.524 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: VW006782.D
 Acq: 09 Nov 2018 12:16

Tgt Ion: 75 Resp: 1771
 Ion Ratio Lower Upper
 75 100
 155 86.6 51.0 153.1
 157 120.6 65.5 196.5

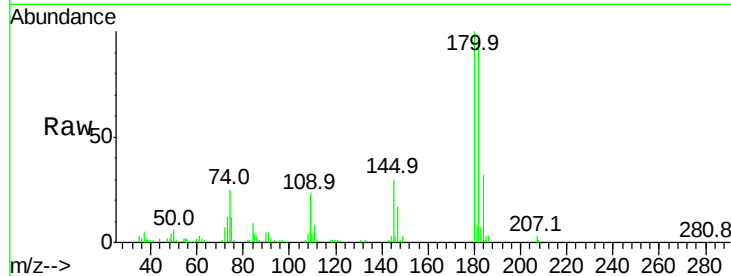




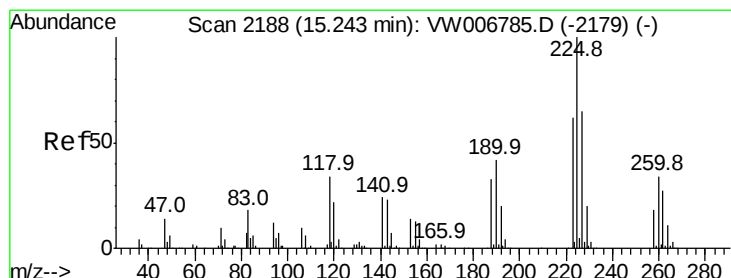
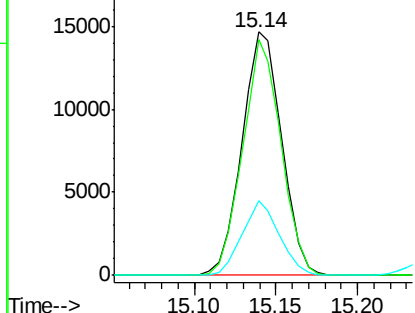
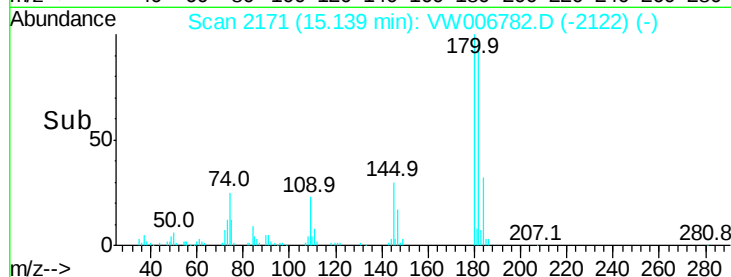
#93
 1,2,4-Trichlorobenzene
 Concen: 4.750 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW006782.D
 Acq: 09 Nov 2018 12:16

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tgt Ion:180 Resp: 24748
 Ion Ratio Lower Upper
 180 100
 182 93.5 47.9 143.8
 145 28.4 14.1 42.3

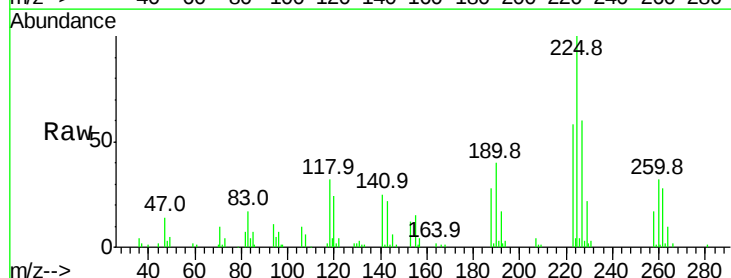


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

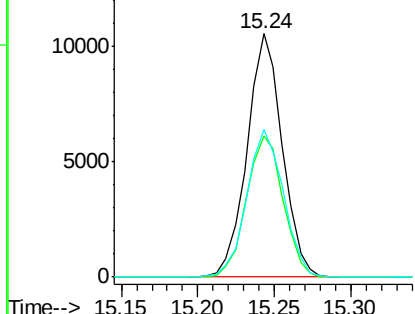
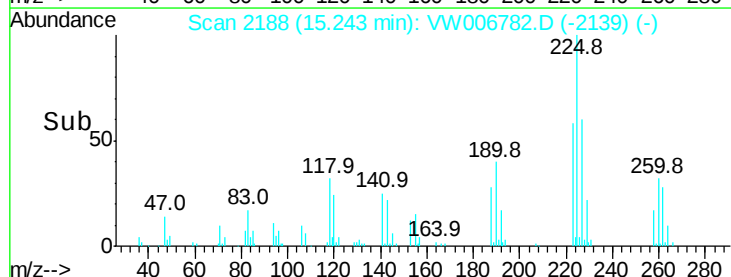


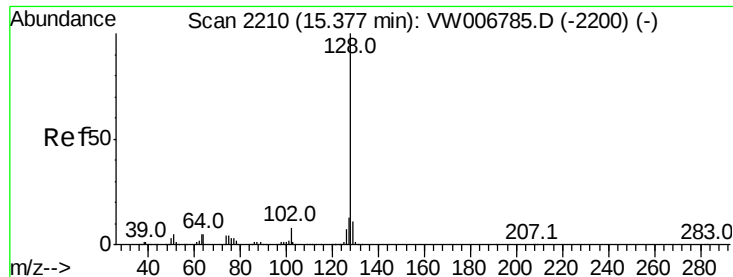
#94
 Hexachlorobutadiene
 Concen: 5.208 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW006782.D
 Acq: 09 Nov 2018 12:16

Tgt Ion:225 Resp: 16912
 Ion Ratio Lower Upper
 225 100
 223 60.2 30.9 92.5
 227 63.1 31.9 95.7



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

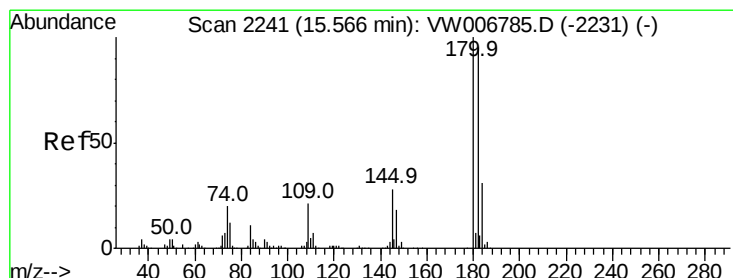
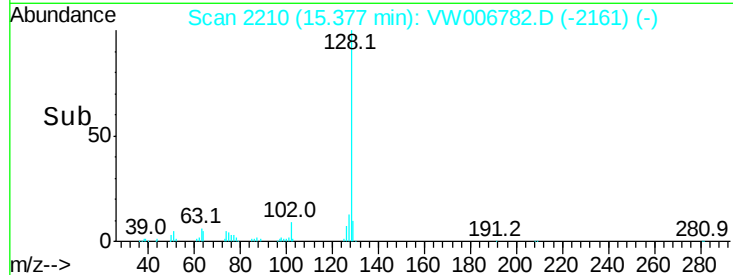
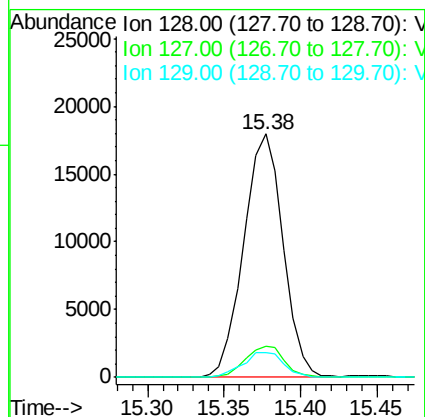
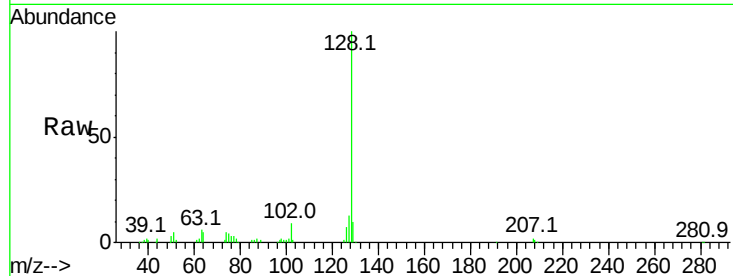




#95
Naphthalene
Concen: 3.832 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW006782.D
Acq: 09 Nov 2018 12:16

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 32083
Ion Ratio Lower Upper
128 100
127 13.0 10.6 15.8
129 10.8 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 4.639 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW006782.D
Acq: 09 Nov 2018 12:16

Tgt Ion:180 Resp: 21239
Ion Ratio Lower Upper
180 100
182 97.5 47.8 143.4
145 28.6 14.5 43.6

